CEBULANDMASTERS

We Build with You in Mind

CASA MIRA TOWERS PALAWAN

VOLUME II

Submitted to:

Department of Environment and Natural Resources

Environmental Management Bureau (EMB)

Region IV-B – MIMAROPA

1515 L & S Building, Roxas Boulevard, Ermita, Manila

ANNEXES

SECTION 6.0 ANNEXES

- **6.1. SEC Articles of Incorporation**
- **6.2. Signed and sealed Site Development Plan / Vicinity Map**
- **6.3. Photographs of the Site**
- **6.4. LGU certification on Zoning Compatibility of the project site**
- **6.5. Proof of Authority over the project site**
- **6.6. Proof of Public Consultation and Participation**
- **6.7. Barangay Endorsement**
- **6.8. Barangay Resolution**
- **6.9. Laboratory Analysis Results of Water Samples**
- **6.10. Laboratory Analysis Results of Ambient Air Sample**
- **6.11. Duly accomplished Project Environmental Monitoring & Audit Prioritization Scheme (PEMAPS) Questionnaire**
- **6.12. Technical Scoping Checklist**
- **6.13. Original Sworn Accountability Statement of the Proponent**
- **6.14. Original Sworn Accountability Statement of Key EIS Consultants**
- **6.15. Original Sworn Accountability Statement on PEMAPS Questionnaire**
- **6.16. Copy of Perception Survey Form**
- **6.17. Geohazard Identification Report**
- **6.18. CAAP Clearance**
- **6.19. SEP Clearance**
- **6.20. Waste Water Plan**
- **6.21. Power Supply Certification**
- **6.22. Water Supply Certification**

6.23. Performance Specification of Proposed Sewage Treatment Plant

6.1. Securities and Exchange Commission – Amended Articles of Incorporation

REPUBLIC OF THE PHILIPPINES

SECURITIES AND EXCHANGE COMMISSION

CEBU EXTENSION OFFICE

Cebu City

COMPANY REG. NO. CS200321240

CERTIFICATE OF FILING OF AMENDED ARTICLES OF INCORPORATION

KNOW ALL PERSONS BY THESE PRESENTS:

This is to certify that the amended articles of incorporation of the

CEBU LANDMASTERS, INC.

(Amending Article VI of the amended articles of incorporation thereof)

copy annexed, adopted on *January 6, 2017* by a majority vote of the Board of Directors and by the vote of the stockholders owning or representing at least two-thirds (2/3) of the outstanding capital stock , and certified under oath by the Secretary and a majority of the Board of Directors of the corporation was approved by the Commission on this date pursuant to the provision of Section 16 of the Corporation Code of the Philippines, Batas Pambansa Blg. 68, approved on May 1, 1980, and copies thereof are filed with the Commission.

Unless this corporation obtains or already has obtained the appropriate Secondary License from this Commission, this Certificate does not authorize it to undertake business activities requiring a Secondary License from this Commission such as, but not limited to acting as: broker or dealer in securities, government securities eligible dealer (GSED), investment adviser of an investment company, close-end or open-end investment company, investment house, transfer agent, commodity/financial futures exchange/ broker/merchant, financing company, pre-need plan issuer, general agent in pre-need plans and time shares/club shares/membership certificates issuers or selling agents thereof. Neither does this Certificate constitute as permit to undertake activities for which other government agencies require a license or permit.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of this Commission to be affixed at Cebu City, Philippines, this 2nd day of February, Two Thousand Seventeen.

LINDEZA ROGERO-GAVINO
Director
SEC CEBU OFFICE

2/2/2017 4:15:32 PM

COVER SHEET

COMPANY REGISTRATION AND MONITORING DEPARTMENT

Nature of Application

Amendment to Article VI

SEC Registration Number

CS200321240

CEO NO. 19208

Company Name

CEBU LANDMASTERS, INC.

Principal Office (No./Street/Barangay/City/Town)Province)

10TH FLOOR PARK CENTRALE TOWER

J.M. DEL MAR ST. CEBU IT PARK

APAS, CEBU CITY

ZIP CODE: 6000

COMPANY INFORMATION

Company's Email Address	Company's Telephone Number/s	Mobile Number
ceo@cebulandmasters.com	(032) 231-4914	09175270025

CONTACT PERSON INFORMATION

The designated person ***MUST*** be a Director/Trustee/Partner/Officer/Resident Agent of the Corporation

Name of Contact Person	Email Address	Telephone Number/s	Mobile Number
MA. ROSARIO B. SOBERANO	marose@cebulandmasters.com	(032) 231-4914	

Contact Person's Address

10th Floor Park Centrale Tower, J.M. Del Mar St., Cebu IT Park, Apas, Cebu City 6000

To be accomplished by CRMD Personnel

	Date	Signature
Assigned Processor :		

Document I.D.

Received by **Corporate Filing and Records Division (CFRD)**

Forwarded to:

- ☐ Corporate and Partnership Registration Division
- ☐ Green Lane Unit
- ☐ Financial Analysis and Audit Division
- ☐ Licensing Unit

SEC Cebu Extension Office

FEB 02 2017

By:

RECEIVED SUBJECT TO REVIEW OF FORM AND CONTENTS

AMENDED

ARTICLES OF INCORPORATION OF

CEBU LANDMASTERS, INC.

KNOW ALL MEN BY THESE PRESENTS:

That We, all of legal age and residents of the Republic of the Philippines, and majority of whom are Filipino citizens, have this day voluntarily associated ourselves together for the purpose of forming a corporation under the laws of the Republic of the Philippines.

AND WE HEREBY CERTIFY:

FIRST: That the name of the said corporation shall be:

CEBU LANDMASTERS, INC.

hereinafter called the "Corporation".

SECOND: That the purposes for which the said Corporation is formed are:

PRIMARY PURPOSE

To acquire by purchase, exchange, assignment, gift or otherwise, and to manage and hold, sell, assign, transfer, exchange, lease, let, develop, mortgage, pledge, traffic, deal in and with and otherwise operate, enjoy and dispose of, all real properties of every kind and description and wherever situated, and to the extent permitted by law, real estate whether improved or unimproved and any interest or rights therein, as well as buildings, tenements, factories, edifices and structures, and other improvements.

SECONDARY PURPOSES

1. To acquire by purchase, lease or contract, as allowed by law, personal properties of every kind and description whatsoever which the Corporation may deem necessary or appropriate for the business in which the Corporation may lawfully engage; and to own, hold, operate, improve, develop, manage, grant, lease, sell, exchange or otherwise dispose of the same.

2. To borrow or raise money necessary to meet the financial requirements of its business by the issuance of bonds, promissory notes, and other evidences of indebtedness, and to secure the repayment thereof by mortgage, pledge, deed of trust, or lien upon the properties of the Corporation or to issue pursuant to law shares of its capital stock, debentures and other evidences of indebtedness in payment for properties acquired by the Corporation or for money borrowed in the prosecution of its lawful business.

3. To invest and deal with money and properties of the Corporation in such manner as may from time to time be considered wise or expedient for the advancement of its interests and to sell, dispose of or transfer the business, properties and goodwill of the Corporation or any part thereof for such consideration and under such terms as it shall see fit to accept;



4. To aid in any manner any corporation, association, or trust estate, domestic or foreign, or any firm or individual, in which any shares of stock, or any bonds, debentures, notes, securities, evidences of indebtedness, contracts, or obligations of which are held by or for the corporation, directly or indirectly or through other corporations or otherwise.

5. To enter into any lawful arrangement for sharing profits, union of interest, unitization or farmout agreement, reciprocal concession, or cooperation, with any corporation, association, partnership, syndicate, entity, person or governmental, municipal or public authority, domestic or foreign, in the carrying on of any business or transaction deemed necessary, convenient or incidental to carrying out any of the purposes of the Corporation.

6. To acquire or obtain from any government or authority, national, provincial, municipal or otherwise, or any corporation, company or partnership or person, such charter, contracts, franchise, privileges, exemption, licenses and concessions as may be conducive to any of the objects of the Corporation;

7. To establish and operate one or more branch offices or agencies and to carry on any or all of its operations and business without any restrictions as to place or amount including the right to hold, purchase or otherwise acquire, lease, mortgage, pledge and convey or otherwise deal in and with personal properties anywhere within the Philippines.

8. To conduct and transact any and all lawful business, and to do or cause to be done any one or more of the acts and things herein set forth as its purposes, within, or without the Philippines, and in any and all foreign countries, and to do everything necessary, desirable or incidental to the accomplishment of the purposes or the exercise of any one or more of the powers herein enumerated, or which shall at any time appear conducive to, or expedient for the protection or benefit of this corporation.

THIRD: That the place where the principal office of the Corporation is to be established or located is at 10th Floor, Park Centrale Tower, Jose Ma. Del Mar St., B2 L3, Cebu IT Park, Brgy. Apas, Cebu City, Philippines 6000. (*as amended by the Board of Directors and the Stockholders at their respective meetings both held on 1 July 2016)*

FOURTH: That the term for which said Corporation is to exist is fifty (50) years from and after the date of incorporation.

FIFTH: That the names, nationalities, and residences of the incorporators of said Corporation are as follows:

NAME	NATIONALITY	RESIDENCE
Jose R. Soberano III	Filipino	2nd Street Villa San Lorenzo, Quijada Street, Guadalupe, Cebu City
Maria Rosario B. Soberano	Filipino	2nd Street Villa San Lorenzo, Quijada Street, Guadalupe, Cebu City
Francisco A. Borromeo	Filipino	Mountain View Homes, Guadalupe, Cebu City
Ester Y. Borromeo	Filipino	Mountain View Homes, Guadalupe, Cebu City

Jose P. Soberano, Jr.	Filipino	El Dorado Subdivision, Banilad, Cebu City
Dolores R. Soberano	Filipino	El Dorado, Subdivision, Banilad Cebu City

SIXTH: That the number of directors of said corporation shall be nine (9), three (3) of whom shall be independent. (*as amended on 1 July 2016, and further amended by the Board of Directors and Stockholders at their respective meetings both held on 6 January 2017)*

The names, nationalities, and residences of the directors who are to serve until their successors are elected and qualified as provided by the by-laws are as follows:

NAME	NATIONALITY	RESIDENCE
Jose R. Soberano III	Filipino	2nd Street Villa San Lorenzo, Quijada Street, Guadalupe, Cebu City
Maria Rosario B. Soberano	Filipino	2nd Street Villa San Lorenzo, Quijada Street, Guadalupe, Cebu City
Francisco A. Borromeo	Filipino	Mountain View Homes, Guadalupe, Cebu City
Ester Y. Borromeo	Filipino	Mountain View Homes, Guadalupe, Cebu City
Jose P. Soberano, Jr.	Filipino	El Dorado Subdivision, Banilad, Cebu City
Dolores R. Soberano	Filipino	El Dorado, Subdivision, Banilad Cebu City

SEVENTH: That the authorized capital stock of said corporation is Two Billion Five Hundred Million Pesos (₱2,500,000,000.00), Philippine Currency, divided into: (a) Two Billion Four Hundred Million Shares (2,400,000,000) common shares with a par value of One Peso (₱1.00) per share; and One Billion (1,000,000,000) voting preferred shares with a par value of Ten Centavo (₱0.10) per share.

The preferred shares may be issued from time to time, as the Board of Directors, through a resolution may determine.

The preferred shares shall have the following features, rights and privileges:

1. Full voting rights, one vote for each share in the holder's name on the books of the Corporation; and
2. Non-cumulative cash dividends based on the rate of its par value;

No stockholders of any class shall be entitled to pre-emptive right to purchase, subscribe for, or receive any part of the shares of the Corporation, whether issued from its unissued capital, increase in its authorized capital or its treasury stock.

(As amended on 8 August 2008, 6 January 2012, July 1, 2013, August 5, 2013 and further amended by the Board of Directors and the Stockholders at their respective meetings both held on 1 July 2016)

No issuance or transfer of shares of stock of the Corporation which would reduce the stock ownership of Philippine citizens or nationals to less than the minimum percentage of the outstanding capital stock required by any applicable provision of the Constitution, statute or regulation to be owned by Philippine citizens or nationals shall be made or effected by, or shall be recorded in the books of, the Corporation.

[Deleted] *(As amended by the Board of Directors and Stockholders at their respective meetings both held on 1 July 2016)*

EIGHTH: That the amount of said capital stock which has been actually subscribed is Twenty Five Thousand (25,000) common shares or Two Million Five Hundred Thousand Pesos (P2,500,000.00) and the following persons have subscribed for the number of shares and the amount of capital stock indicated opposite their respective names:

Name	Nationality	No. of Shares	Amount
Jose R. Soberano III	Filipino	12,000	Php 1,200,000
Maria Rosario B. Soberano	Filipino	12,000	1,200,000
Francisco A. Borromeo	Filipino	250	25,000
Ester Y. Borromeo	Filipino	250	25,000
Dolores R. Soberano	Filipino	250	25,000
Jose P. Soberano, Jr.	Filipino	250	25,000
Total		25,000	Php 2,500,00

The Corporation shall comply with the lock-up requirement provided under the Listing Rules for the Main and SME Boards of the Philippine Stock Exchange, Inc. (the "Exchange") dated 6 June 2013 subject to any waiver or exemption that may be granted by the Exchange in respect of such lock-up requirement.

(As amended by the Board of Directors and the Stockholders at their respective meetings both held on 1 July 2016)

NINTH: That the following persons have paid on the shares of capital stock for which they have subscribed the amount set out after their respective names:

Name	Amount Subscribed	Amount Paid-up
Jose R. Soberano III	Php1,200,000.00	Php 300,000.00
Maria Rosario B. Soberano	1,200,000.00	300,000.00
Francisco A. Borromeo	25,000.00	6,250.00
Ester Y. Borromeo	25,000.00	6,250.00

Dolores R. Soberano	25,000.00	6,250.00
Jose P. Soberano, Jr.	25,000.00	6,250.00
Total	Php2,500,000.00	Php 625,000.00

TENTH: That Maria Rosario B. Soberano has been elected by the subscribers as Treasurer of the Corporation to act as such until her successor is duly elected and shall have qualified in accordance with the by-laws; and that as such Treasurer, she has been authorized to receive for the Corporation, and to issue in its name receipts for all subscriptions paid in by the subscribers.

ELEVENTH: That the incorporators hereby undertake to change the name of the Corporation as herein provided, or as amended thereafter, immediately upon receipt of notice or directive from the Securities and Exchange Commission that another corporation, partnership or person has acquired a prior right to the use of that name or that the name has been declared as misleading, deceptive, confusingly similar to a registered name, or contrary to public morals, good customs or public policy. (*As amended by the Board of Directors and the Stockholders at their respective meetings both held on 1 July 2016)*

IN WITNESS WHEREOF, we have hereunto set our hands this 18th day of September 2003 at Cebu City, Philippines.

(SGD.)
JOSE R. SOBERANO III
TIN: 108-729-320

(SGD.)
MARIA ROSARIO B. SOBERANO
TIN: 106-129-910

(SGD.)
FRANCISCO A. BORROMEO
TIN: 133-403-685

(SGD.)
ESTER Y. BORROMEO
TIN: 108-505-865

(SGD.)
JOSE P. SOBERANO, JR.
TIN: Applied

(SGD.)
DOLORES R. SOBERANO
TIN: 114-642-915

Signed in the presence of:

(sgd.) illegible (sgd.) illegible
(please print name and sign)

ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)
CITY OF CEBU) S.S.

BEFORE ME, a Notary Public in and for the cities and province of Cebu this 18th day of September 2003, personally appeared the following with their Passport/Community Tax Certificates, to wit:

NAME	*CTC NOS.*	*DATE/PLACE ISSUED*	
Jose R. Soberano III	*12732770*	*01/11/03*	*Pinamungajan, Cebu*
Maria Rosario B. Soberano	*01563271*	*01/07/03*	*Cebu City*
Francisco A. Borromeo	*10210018*	*01/03/03*	*Cebu City*
Ester Y. Borromeo	*10210019*	*01/03/03*	*Cebu City*
Jose P. Soberano, Jr.	*10732569*	*01/07/03*	*Pinamungajan, Cebu*
Dolores R. Soberano	*02696009*	*05/07/03*	*Cebu City*

all known to me and to me known to be the same persons who executed and signed the foregoing instrument and who acknowledged to me that the same is their own free and voluntary act and deed.

This instrument refers to Articles of Incorporation consisting of Eight (8) pages signed by the parties and their instrumental witnesses.

WITNESS MY HAND AND NOTARIAL SEAL *on the date and at the place first hereinabove written.*

(SGD) KAREN B. CAPARROS-ARQUILLANO
NOTARY PUBLIC
Until December 31, 2003
PTR No. 4471725
Issued On 1/3/03 – Cebu City
Tin 205-188-073

Doc. No. 421;
Page No. 86;
Book No. II;
Series of 2003.

Republic of the Philippines)
City of Cebu) S.S.

TREASURER'S AFFIDAVIT

I, **MARIA ROSARIO B. SOBERANO**, Filipino, of legal age, married and a resident of 2nd Street Villa San Lorenzo, Quijada Street, Guadalupe, Cebu City, after having been duly sworn in accordance with law, hereby depose and say:

That I have been elected by the subscribers named in the Articles of Incorporation of CEBU LANDMASTERS, INC. (the "Corporation"), as Treasurer of the Corporation, to act as such until my successor has been duly elected and qualified in accordance with By-Laws of the Corporation, and that as such Treasurer, I have been duly authorized to receive for the Corporation all subscriptions paid in by the subscribers to the capital stock thereof;

That of the entire amount of authorized capital stock worth Ten Million Pesos (₱10,000,000.00), Philippine Currency, at least Twenty-Five Per Centum (25%) thereof, or Two Million Five Hundred Thousand Pesos (₱2,500,000.00), Philippine Currency, has actually been subscribed and at least Twenty-Five Per Centum (25%) of the subscription, or Six Hundred Twenty-Five Thousand Pesos (₱625,000.00), has actually been paid in cash to me in trust and received by me in trust for the benefit and to the credit of the Corporation.

IN WITNESS WHEREOF, I have hereunto set my hand this 18th day of September, 2003 at Cebu City, Philippines.

(SGD.)
MARIA ROSARIO B. SOBERANO
Treasurer

SUBSCRIBED AND SWORN to before me this 18th day of September, 2003 at CEBU CITY, Philippines, affiant exhibiting to me her CTC No. 01563271 issued on 01/07/03 at Cebu City.

Doc. No.: 422;
Page No.: 86;
Book No.: II;
Series of: 2003.

KAREN B. CAPAROS-ARQUILLANO
Notary Public
Until December 31, 2003
PTR No. 4474725
Issued on / 1-3-03 / CEBU CITY
TIN 205-188-073

DIRECTORS' CERTIFICATE AS TO THE AMENDED ARTICLES OF INCORPORATION OF CEBU LANDMASTERS, INC.

WE, the undersigned, being the Chairman of the Board, majority of the Board of Directors, and Corporate Secretary of CEBU LANDMASTERS, INC. (the "Corporation"), a corporation organized and existing under and by virtue of the laws of the Republic of the Philippines, with principal address at 10th Floor Park Centrale Tower, Jose Ma. Del Mar St., B2 L3, Cebu I.T. Park, Brgy. Apas, Cebu City, do hereby certify that:

1. On January 6, 2017, at the regular meeting of the Board of Directors of the Corporation, at which quorum was present, at least majority of the Board of Directors adopted and approved the following resolution:

   "**RESOLVE,** as it is hereby resolved, that the first paragraph of Article SIXTH of the Articles of Incorporation of the Corporation be, as it is hereby amended, to read as follows:

   "**SIXTH:** That the number of directors of said corporation shall be ~~(9),~~ nine three (3) of whom shall be independent."

2. On January 6, 2017, a special meeting of the Stockholders of the Corporation was duly called and held in the city where the principal address of the Corporation is located for the purpose of approving the aforementioned resolution of the Corporation's Board of Directors relating to the amendment of the Articles of Incorporation of the Corporation.

3. At the aforementioned meeting of the Stockholders of the Corporation, Stockholders representing at least two-thirds (2/3) of the outstanding capital stock of the Corporation and entitled to vote adopted and approved *in toto* the aforementioned resolution of the Board of Directors.

4. The accompanying Amended Articles of Incorporation of the Corporation embodying the amendment thereto are true and correct copies of the latest Amended Articles of Incorporation of the Corporation.

IN WITNESS WHEREOF, we have hereunto set our hands this 26 JAN 2017 in Cebu City, Philippines.

JOSE R. SOBERANO III
Chairman, Director
TIN: 108-729-320

JOSE P. SOBERANO JR.
Corp. Secretary, Director
TIN: 146-907-258

MA. ROSARIO B. SOBERANO
Treasurer, Director
TIN: 106-129-910

JOSE FRANCO B. SOBERANO
Director
TIN: 253-451-656

SEC
Cebu Extension Office
FEB 02 2017
By:
RECEIVED SUBJECT TO REVIEW OF FORM AND CONTENTS

JOANNA MARIE B. SOBERANO
Director
TIN: 274-202-848

JANELLA MAE B. SOBERANO
Director
TIN: 133-403-685

SUBSCRIBED AND SWORN to before me, a notary public for and in the City of Cebu, this 26 JAN 2017, abovenamed *Affiants* who are personally known to me and who signed the above *Certification* in my presence and swore as to said document and they understood the contents thereof and that the same is their free and voluntary act and deed.

Witness my hand and seal on the date and place abovementioned.

Doc. No. : 194;
Page No. : 39;
Book No. : 25;
Series of : 2017.

ATTY. CENON
ROLL NO. 40801
NOTARY PUBLIC
CEBU CITY, PHILIPPINES

CENON A. DUMAO-AS, JR.
NOTARY PUBLIC FOR THE CEBU CITY
SERIAL NO. 070-196 UNTIL DEC. 31, 2017
UNIT 1503 PARK CENTRALE
CEBU I.T. PARK, J.M. DEL MAR ST.
APAS, CEBU CITY
ROLL NO. 40801
PTR NO. 13261234 CEBU CAPITOL 1/3/17
IBP LIFE NO. 04801 CEBU CITY
TIN NO. 143-447-397

REPUBLIC OF THE PHILIPPINES)
CEBU CITY) S.S.
x - /

SECRETARY'S CERTIFICATE

I, JOSE P. SOBERANO, JR., Filipino, of legal age, and with office address at 10th Floor Park Centrale, J.M. Del Mar St., Cebu IT Park, Apas, Cebu City, after being duly sworn in accordance with law, do hereby depose and state THAT:

1. I am the duly elected and incumbent Corporate Secretary of CEBU LANDMASTERS, INC. (the "Corporation"), a domestic corporation duly organized and existing under and by virtue of the laws of the Republic of the Philippines with principal address at 10th Floor Park Centrale Tower, J.M. del Mar St., Cebu I.T. Park, Apas, Cebu City;

2. As of the date of the execution of this Certificate and based on the records in my possession, I certify that I am not aware of any pending action or proceeding involving an intra-corporate dispute and/or claim by any person or group against the Board of Directors of the Corporation, individual directors, and/or major corporate officers or vice versa;

3. I likewise certify that no action or proceeding has been filed or is pending before any court or tribunal involving an intra-corporate dispute or claim by any person or group against the directors, officers, or stockholders of the Corporation;

4. I attest to the truth of the foregoing and issue this certification for whatever legal purpose it may serve.

IN WITNESS WHEREOF, I have hereunto affixed my signature this 26 JAN 2017 in Cebu City, Philippines.

SEC
Cebu Extension Office
FEB 02 2017
By:
RECEIVED SUBJECT TO REVIEW OF FORM AND CONTENTS

Judge JOSE P. SOBERANO, JR. (ret.)
Corporate Secretary

SUBSCRIBED AND SWORN to before me, a notary public for and in the City of Cebu, this 26 JAN 2017, the abovenamed affiant who exhibited to me his Senior Citizen ID No. 01549 and by virtue thereof I have sufficiently identified him to be the same person who signed the above *Secretary's Certificate* in my presence and swore as to said document that he understood the contents thereof and that the same is his free and voluntary act and deed.

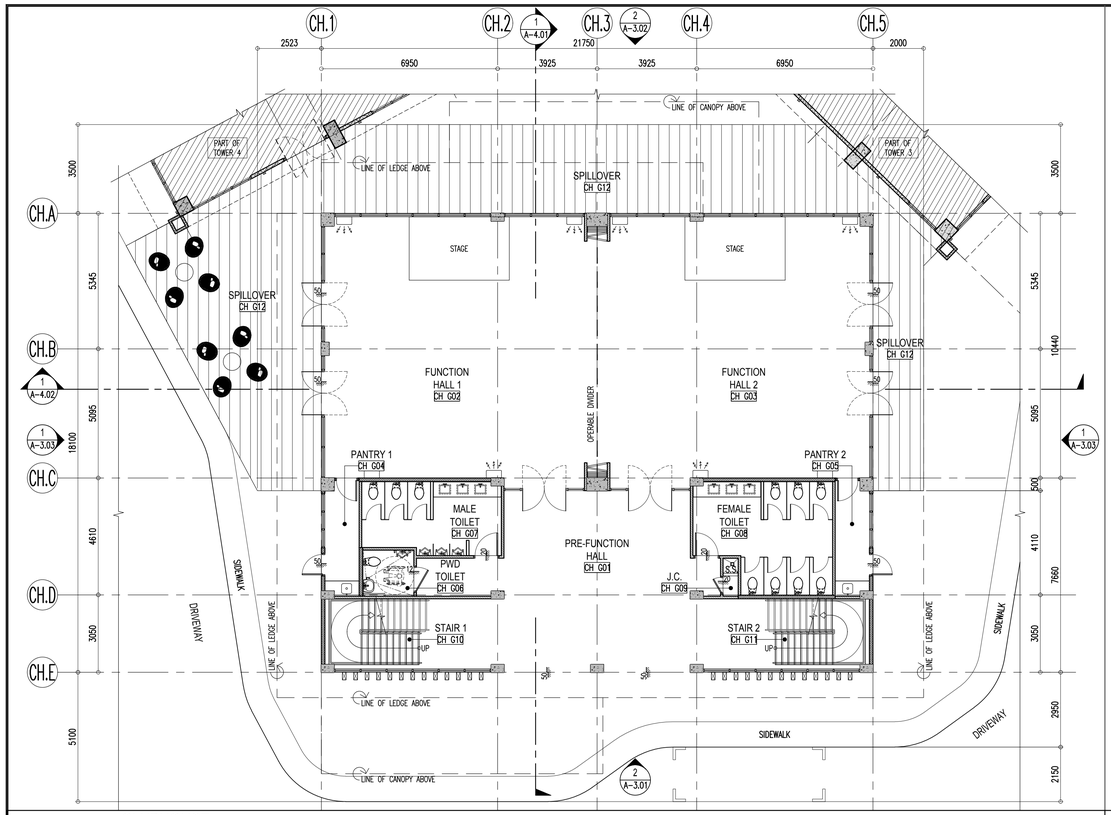
Witness my hand and seal on the date and place abovementioned.

Doc. No.: 193;
Page No.: 39;
Book No.: 25;
Series of : 2017.

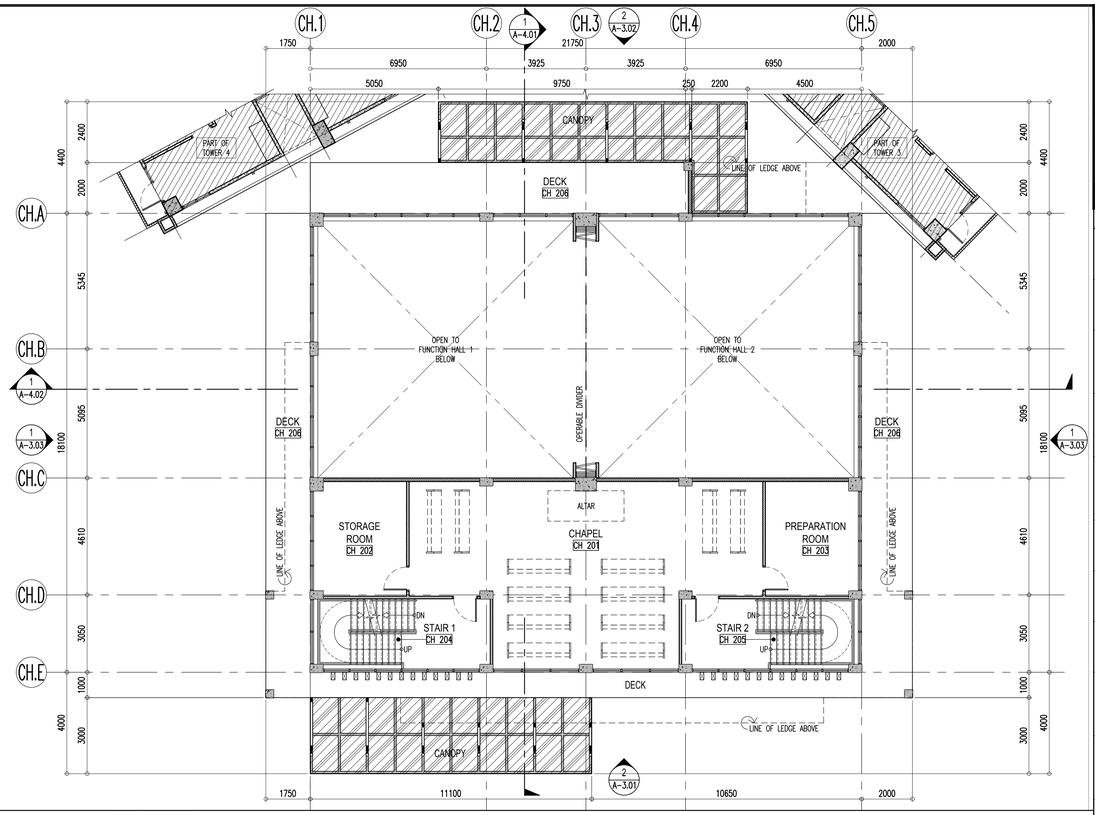
ATTY. CENON A. IUMAO-AS, JR.
ROLL NO. 40801
NOTARY PUBLIC
CEBU CITY, PHILIPPINES

CENON A. IUMAO -AS, JR.
NOTARY PUBLIC - RTC CEBU CITY
SERIAL NO. 070 - 08 UNTIL DEC. 31, 2017
UNIT 1507, PARK CENTRALE
CEBU I.T. PARK, J.M. DEL MAR ST.
APAS, CEBU CITY
ROLL NO. 40801
PTR NO. 3261934 CEBU CAPITOL 1/3/17
IBP LIFE NO. 04801 CEBU CITY
TIN NO. 133-447-397

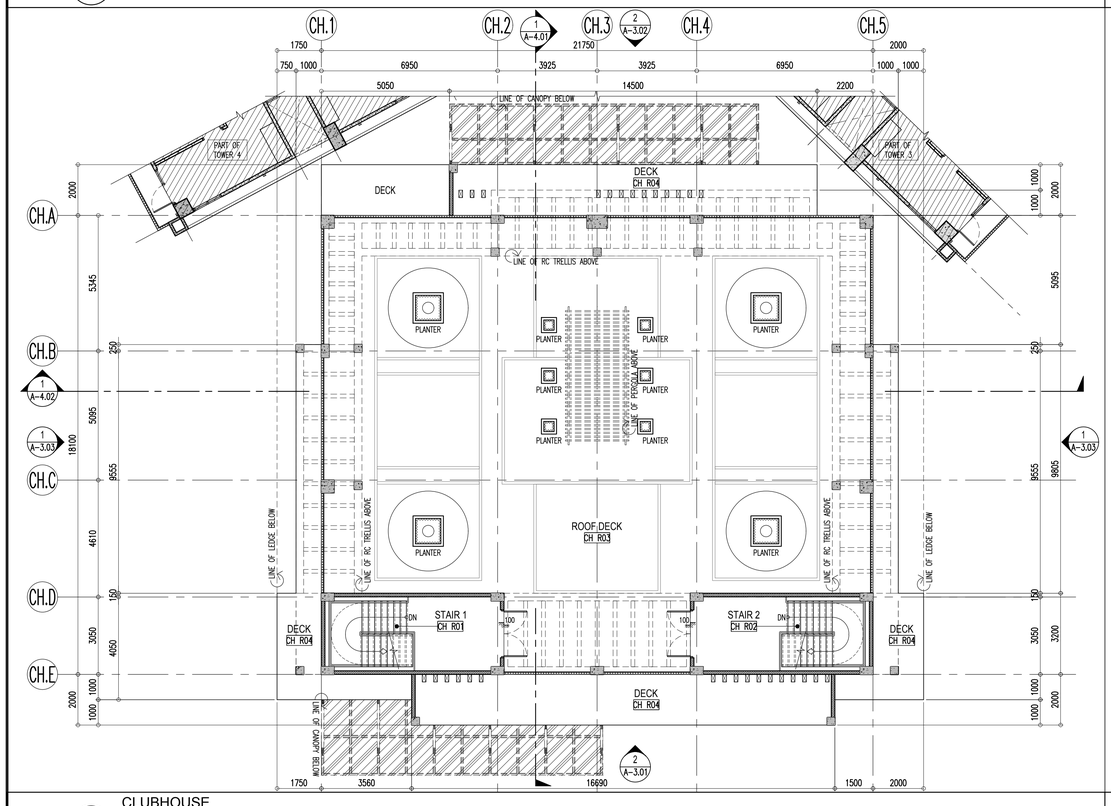
6.2. Signed and sealed Site Development Plan / Vicinity Map



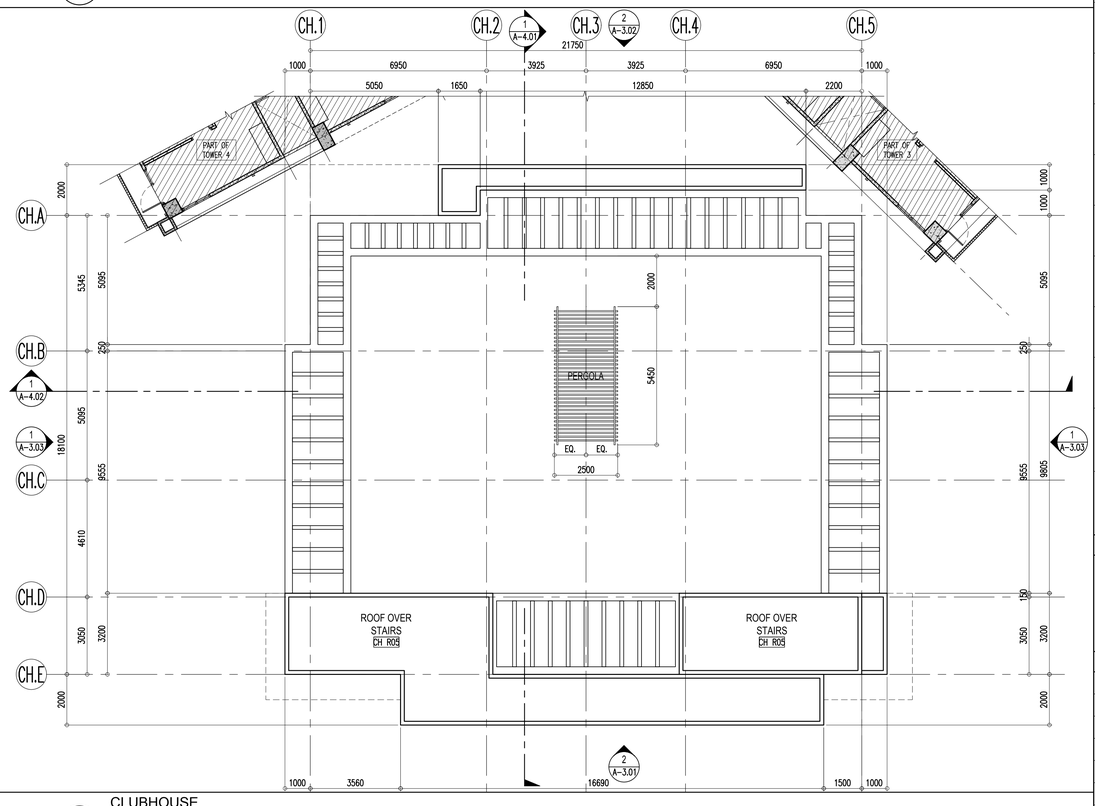
1 A-22.01 CLUBHOUSE GROUND FLOOR PLAN
SCALE: 1:100 MTS.



2 A-22.01 CLUBHOUSE SECOND FLOOR PLAN
SCALE: 1:100 MTS.



3 A-22.01 CLUBHOUSE ROOF DECK PLAN
SCALE: 1:100 MTS.



4 A-22.01 CLUBHOUSE ROOF PLAN
SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
100	CHANGE IN ELEVATION TAG
100 @ 100	ZOCALO

NOTE: THIS DRAWING DOES NOT CONTAIN WITH THE CONSTRUCTIONAL DESIGN TOLERANCES AND TOPOGRAPHICAL DATA TO BE UTILIZED TO PROPOSE ALL THE LATEST TECHNICAL BULLETIN, ADDENDUM, CHANGES AND/OR REVISION DURING THE CONSTRUCTION PERIOD. THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

Sheet Contents: CLUBHOUSE GROUND FLOOR PLAN, 2ND FLR. PLAN, ROOF DECK PLAN AND ROOF PLAN
Drawn by: LPPA Date: 02 DEC. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
3			
4			
5			
6			

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- [ ] CAAP Clearance
- [ ] PALC
- [ ] HLURB
- [ ] ECC
- [ ] Design Development
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- [ ] Contract Documents
- [ ] Bidding
- [ ] Construction

Sheet No.: A-22.01
Job No.: 20-705
Last Modified: 02 DEC. 2021

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

NOTE: THESE DRAWINGS ISSUED FOR CONSTRUCTION ARE THE ARCHITECT'S FINAL DESIGN DRAWINGS INCORPORATING ALL THE LATEST REVISIONS, BULLETINS, ADDENDUM, CHANGES RESULTING FROM VALUE ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL TYPES SUBMITTED BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

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UTILITY BUILDING

ADJACENT LOT

ADJACENT LOT

SIDEWALK

LINE OF ROOF ABOVE

LIBIS C. FACTOR ROAD

LANZANAS ROAD

NORTH

1 / A-1.02 SITE DEVELOPMENT PLAN
SCALE: 1:300M

LPPA DESIGN GROUP
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

Sheet Contents: SITE DEVELOPMENT PLAN
Drawn by: LPPA Date:
Checked by: Designed by: LPP

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Sheet No.: A-1.02
Job No.: 20-705
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Office of the Building Official
City of Puerto Princesa, Palawan

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NORTH

1 / A-1.03 GROUND FLOOR PLAN ON SITE
SCALE: 1:300M

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

Sheet Contents: GROUND FLOOR PLAN ON SITE
Drawn by: LPPA Date:
Checked by: Designed by: LPP

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2			
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- [ ] Construction

Sheet No.: A-1.03
Job No.: 20-705
Last Modified:

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

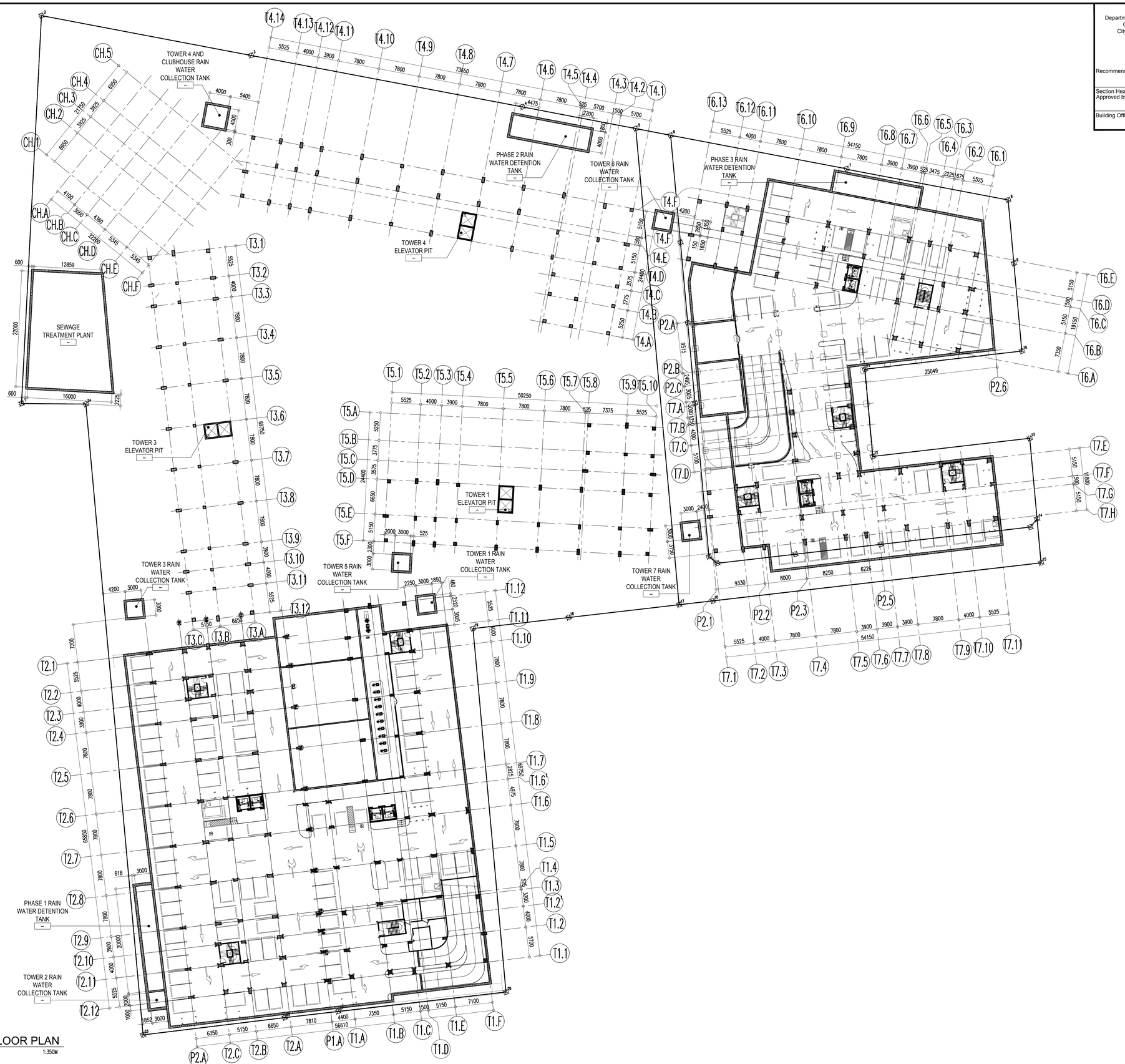
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1 / A-1.04 UNDERGROUND TANKS & BASEMENT FLOOR PLAN
SCALE: 1:350M

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

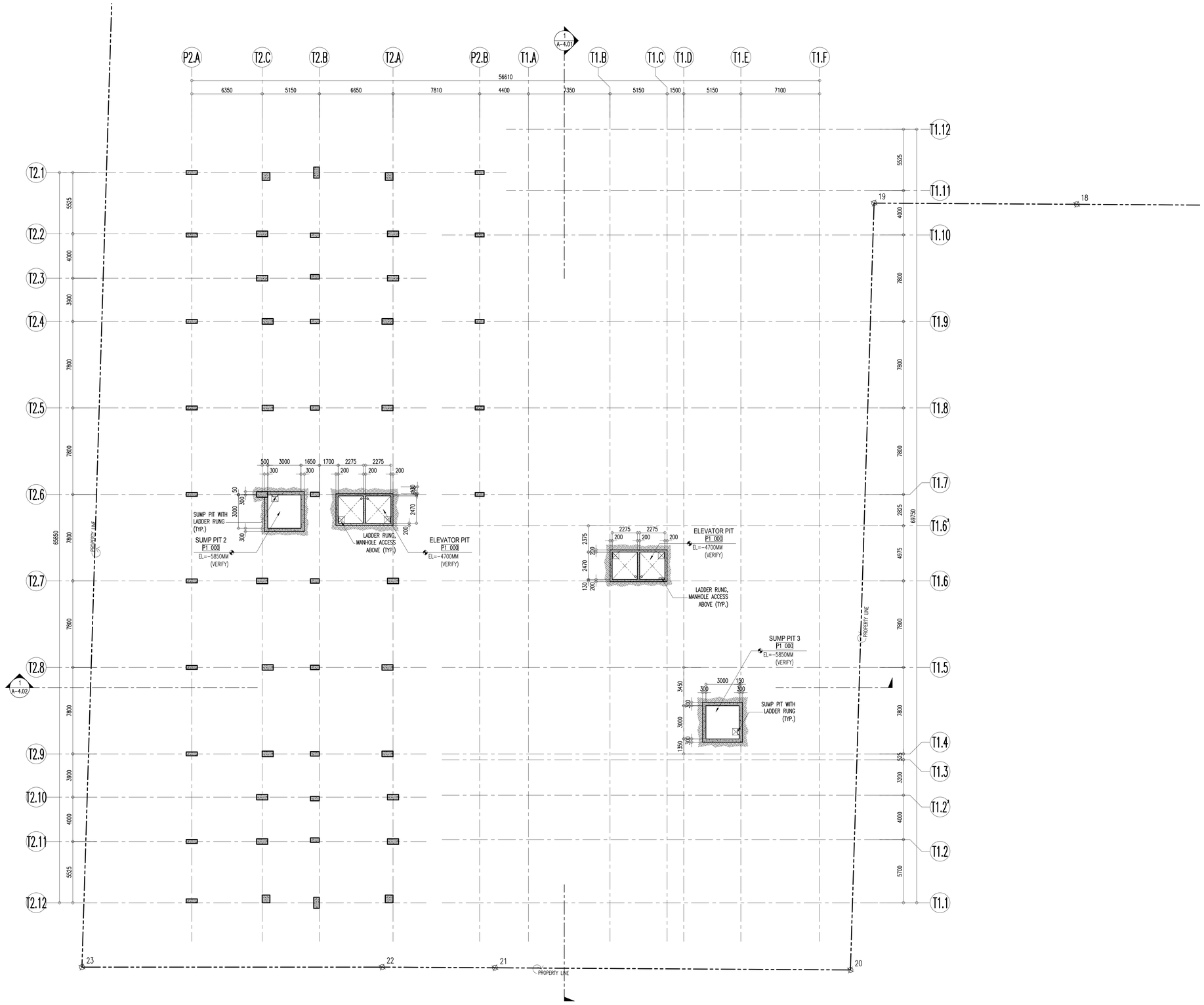
Owner: CEBU LANDMASTERS

Sheet Contents: UNDERGROUND TANKS & BASEMENT FLOOR PLAN
Drawn by: - Date:
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Sheet No.: A-1.04
Job No.: 20-705
Last Modified:



NORTH

1 A-2.01-P1 PODIUM 1 BASEMENT FLOOR PLAN

SCALE: 1:150 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
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C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS ARE TO BE CONSTRUCTION AND THE CONSTRUCTION FINAL DESIGN TOWARDS AND FOR INSTALLATION OF ALL ELECTRICAL, MECHANICAL, PLUMBING AND FIRE PROTECTION SYSTEMS. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THIS DRAWING IS USED FOR CONSTRUCTION AND THE CONSTRUCTION FINAL DESIGN TOWARDS AND FOR INSTALLATION OF ALL ELECTRICAL, MECHANICAL, PLUMBING AND FIRE PROTECTION SYSTEMS. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

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FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
EL 100	CHANGE IN ELEVATION TAG
100 mm 100	ZOCALO

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REG. NO.: 9646 PTR NO.: 0730889
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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

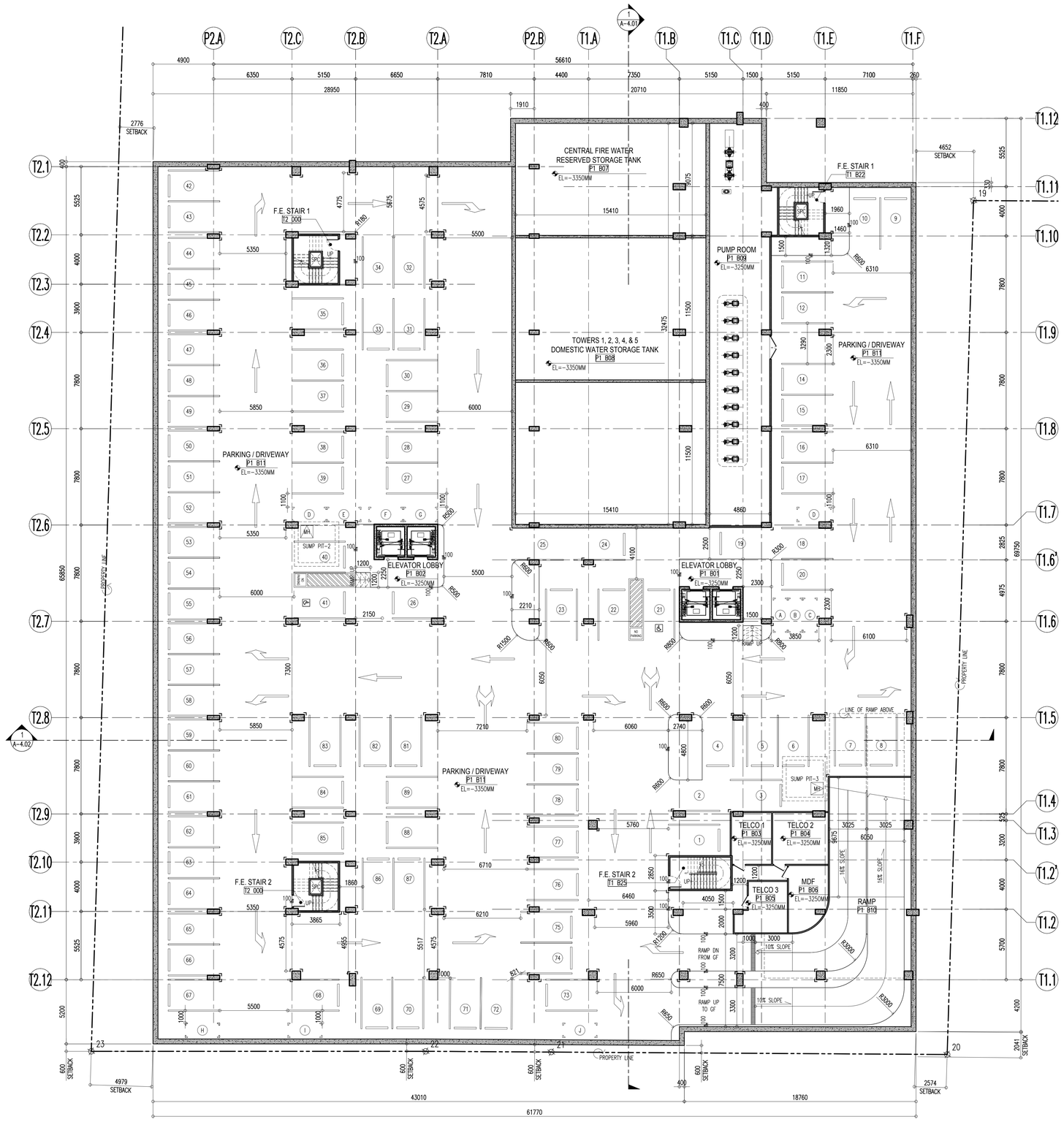
Owner: CEBU LANDMASTERS

Sheet Contents: PODIUM 1 BASEMENT FLOOR PLAN
Drawn by: MJN Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:
1			
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- ☐ Construction

Sheet No.: A-2.01-P1
Job No.: 20-705
Last Modified: 26 OCT. 2021



NORTH

1 A-2.01-P1 PODIUM 1 BASEMENT FLOOR PLAN

SCALE: 1:150 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
100	CHANGE IN ELEVATION TAG
100 / 100	ZOCALO

NOTE: THESE DRAWINGS ARE FOR CONSTRUCTION AS THE ARCHITECTS FINAL DESIGN DRAWINGS. THEY SHALL BE USED FOR PERMIT OF EXECUTION OF PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THE CONTRACTOR SHALL STRICTLY ADHERE TO THE LATEST REVISED FINAL DESIGN DRAWINGS AND SPECIFICATIONS. ALL CHANGES, DELETIONS, ADDITIONS, REVISION & CHANGES SHALL BE DONE ONLY THROUGH WRITTEN INSTRUCTIONS FROM THE ARCHITECT / ENGINEER OF RECORD. ALL DISCREPANCIES SHALL BE REFERRED TO THE ARCHITECT / ENGINEER OF RECORD FOR CLARIFICATION AND RESOLUTION BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL WORK DONE WITHOUT REFERENCE TO THE LATEST REVISED FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

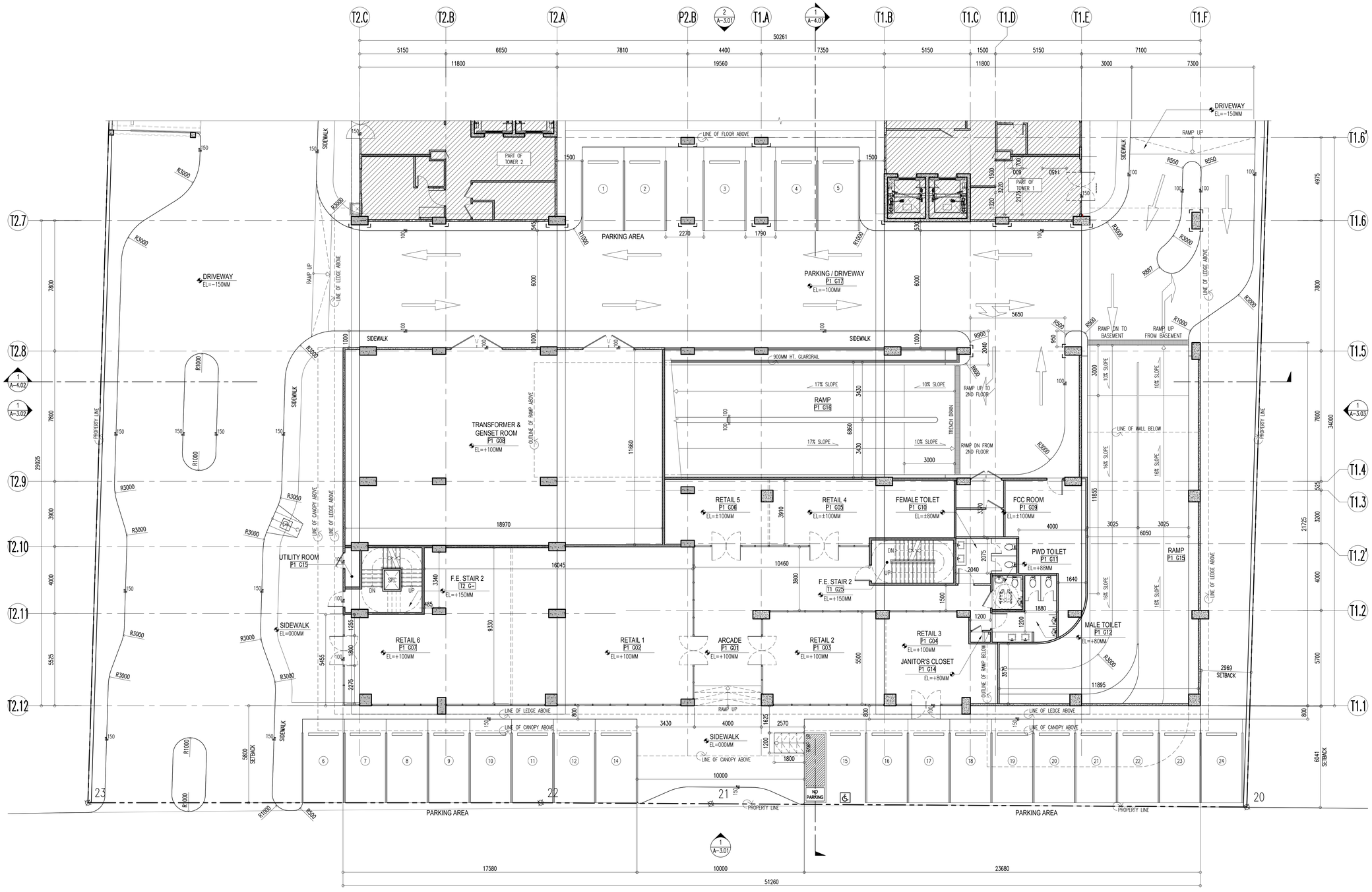
LPPA DESIGN GROUP — Architecture Planning Design 3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103 T: (632) 8709-8890 F: (632) 8709-8894 E: lppa@lppadesign.com.ph W: www.lppadesign.com.ph	Architect: LEO P. PARIÑAS REG. NO.: 9646 PTR NO.: 0730889 DATE: JAN. 07, 2021 PLACE: QUEZON CITY	R.A. 9266 This Drawing, as instrument of service, is the intellectual property and document of LPPA Design Group, Inc., whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or to make copies of said document for use in the repetition of and for other projects or buildings, whether executed partly or in whole, without the written consent of LPPA. This drawing is to be used for the project and site only, specifically specified herein, and is not to be used on any other project. © Copyright by LPPA Design Group, Inc. 1993-2021 - All Rights Reserved. www.lppadesign.com.ph	Engineer: REG. NO.: PTR NO.: DATE: PLACE:	Project: CASA MIRA TOWERS PALAWAN Location: Puerto Princesa, Palawan	Owner: CEBU LANDMASTERS	Sheet Contents: PODIUM 1 BASEMENT FLOOR PLAN Drawn by: MJN Date: 26 OCT. 2021 Checked by: LCC Designed by: LPP	Rev.	Date	Description:	By:	Issued for: ☐ CAAP Clearance ☐ PALC ☐ HLURB ☐ ECC ☐ Design Development ☐ Building Permit ☐ Contract Documents ☐ Bidding ☐ Construction	Sheet No.: A-2.01-P1 Job No.: 20-705 Last Modified: 26 OCT. 2021

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:



NORTH

1 A-2.03-P1 PODIUM 1 GROUND FLOOR PLAN
SCALE: 1:100 MTS.

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THIS DRAWING IS DERIVED FROM ARCHITECTURAL DRAWINGS AND SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE PRIOR TO CONSTRUCTION OR FABRICATION. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND ALL THE LATEST REVISIONS, BULLETINS, ADDENDUM, CHANGE ORDERS AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE ENTERED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100mm 100 GRADE	ZOCALO

LPPA DESIGN GROUP
Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

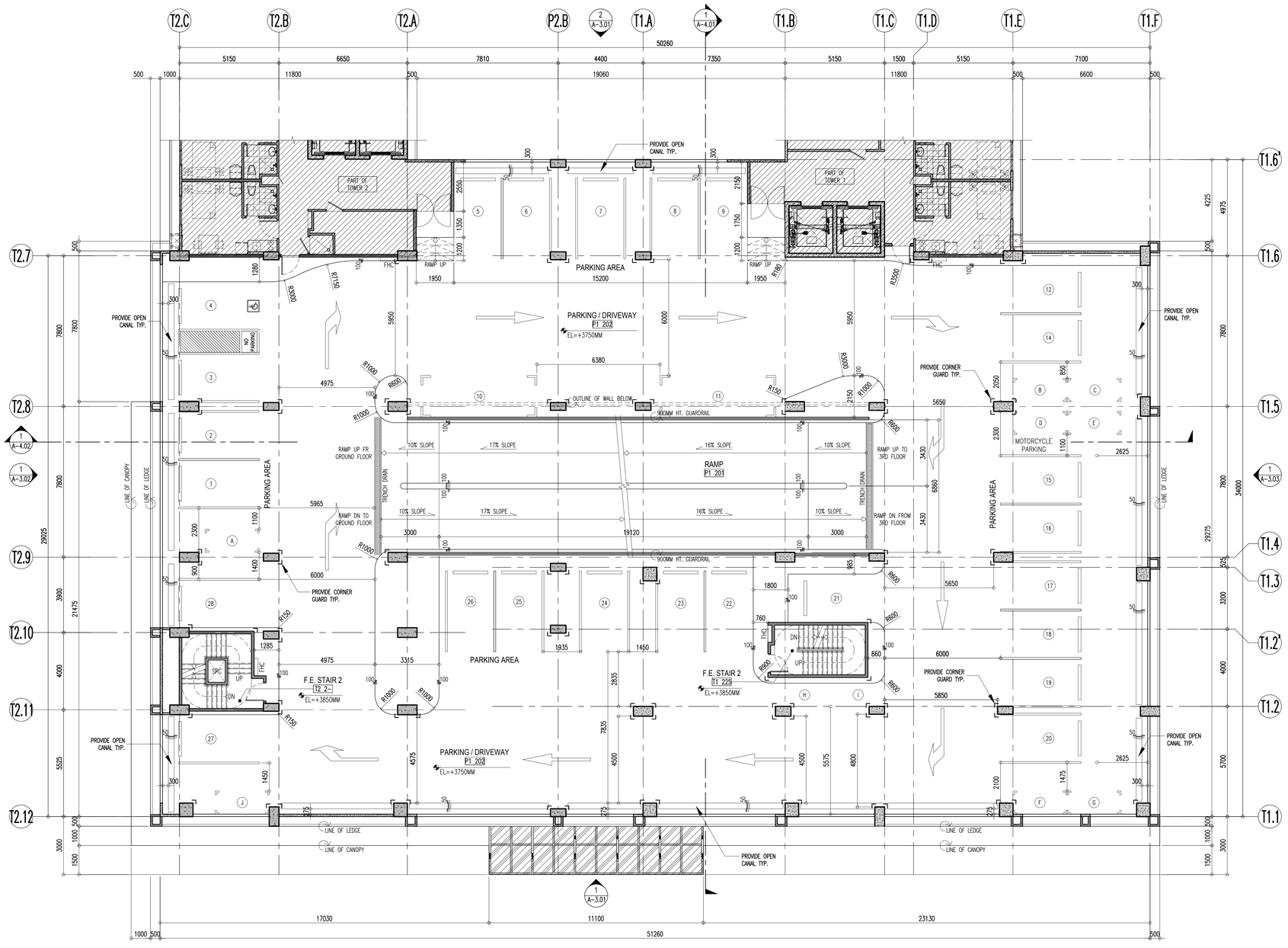
Owner: CEBU LANDMASTERS

Sheet Contents: PODIUM 1 GROUND FLOOR PLAN
Drawn by: MJN Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.03-P1
Job No.: 20-705
Last Modified: 26 OCT. 2021



NORTH

1 A-2.04-P1 PODIUM 1 SECOND FLOOR PLAN

SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS DESIGN FOR CONSTRUCTION ARE TO ARCHITECTS, FINAL DESIGN DRAWINGS TO BE USED FOR BIDDING AND CONSTRUCTION PURPOSES. ENGINEERING/ MODIFICATIONS AND OTHER AGREED TECHNICAL TERMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN.

NOTE: THIS DRAWING SHOULD BE READ FROM FIGURED DIMENSIONS, NOT SCALED. ALL DIMENSIONS MUST BE VERIFIED ON PROJECT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. THE LATEST REVISIONS, BULLETINS, ADDENDUM, CHANGE ORDER DRAWINGS SUPERSEDE ALL PREVIOUS DRAWINGS AND MUST BE USED FOR CONSTRUCTION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
1 100	CHANGE IN ELEVATION TAG
100 100	ZOCALO

LPPA DESIGN GROUP Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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www.lppadesign.com.ph

Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS Puerto Princesa
Location: Puerto Princesa, Palawan

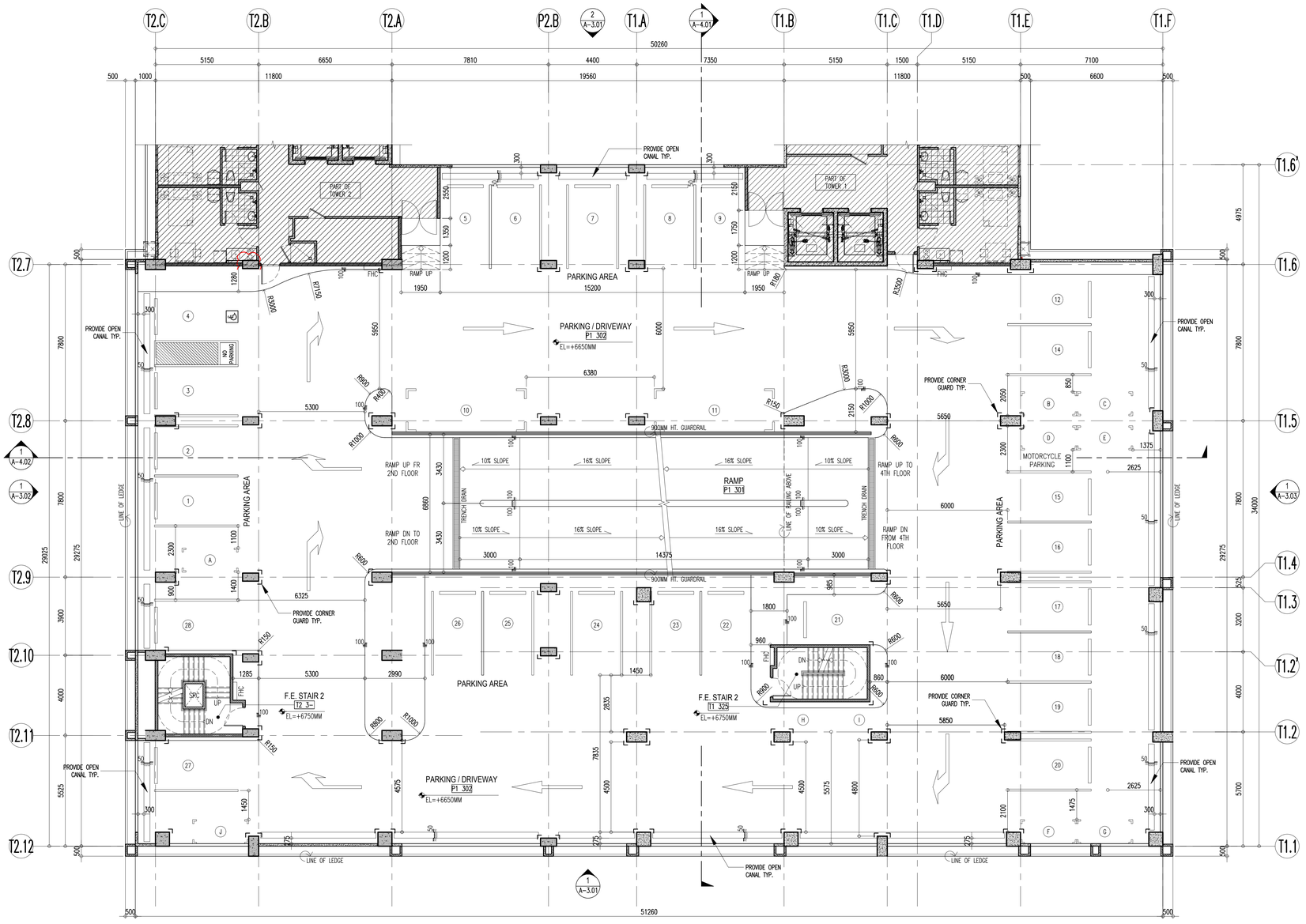
Owner: CEBU LANDMASTERS

Sheet Contents: PODIUM 1 SECOND FLOOR PLAN
Drawn by: MJN Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
3			
4			
5			

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.04-P1
Job No.: 20-705
Last Modified: 26 OCT. 2021



NORTH

1 A-2.05-P1 PODIUM 1 THIRD FLOOR PLAN

SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

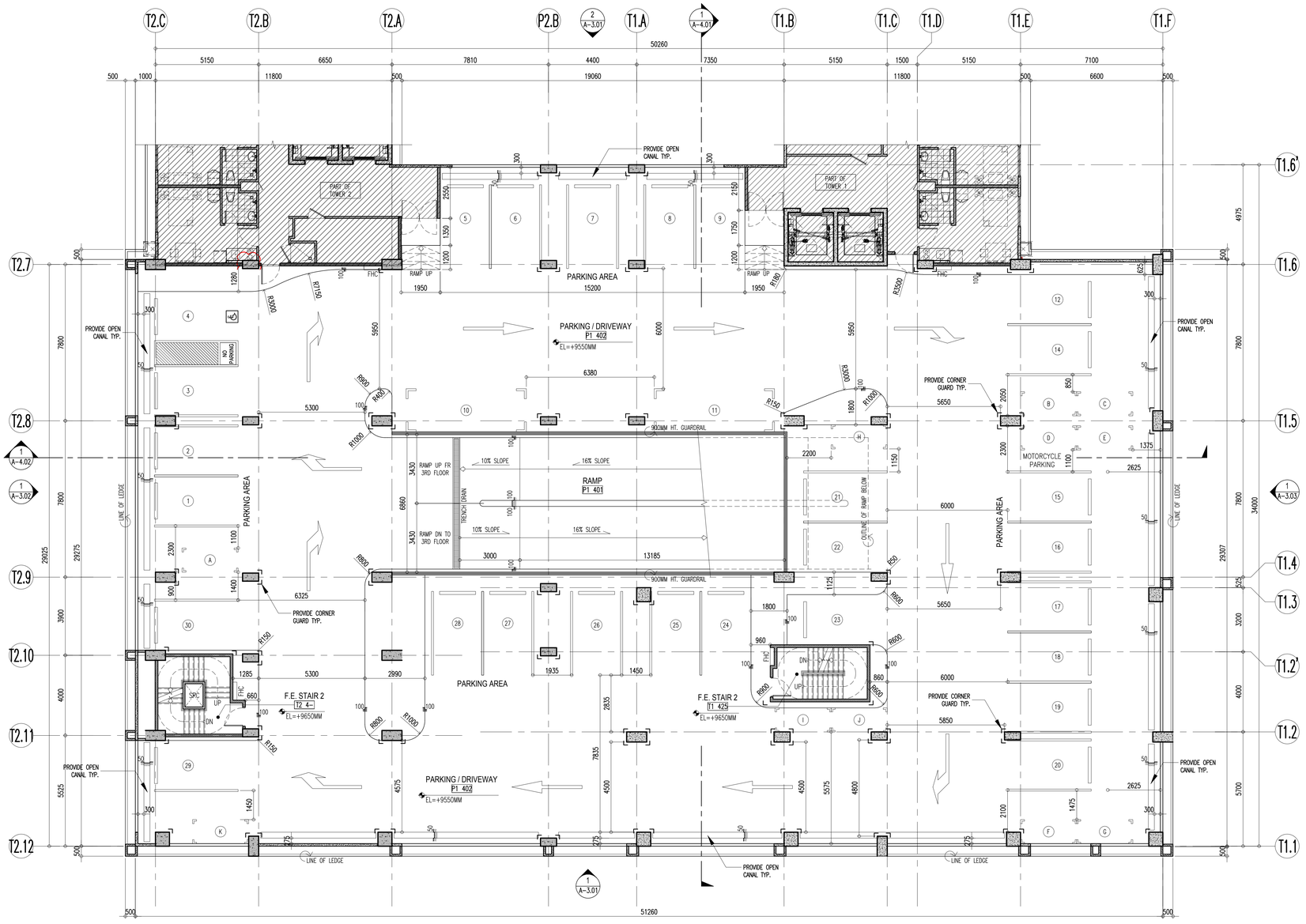
Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIM COAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS SHOULD BE READ FROM FIGURED DIMENSIONS. CONTRACTOR MUST VERIFY ALL DIMENSIONS IN THE FIELD. DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT / CONSULTANT BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THESE DRAWINGS SHOULD BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING & FIRE PROTECTION, ELECTRONICS, ELECTRICAL, MECHAN



NORTH

1 A-2.06-P1 PODIUM 1 FOURTH FLOOR PLAN

SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS SHOULD BE USED FOR CONSTRUCTION ONLY BY ARCHITECTURAL DESIGN DRAWINGS SHOULD BE APPROVAL IN THE LATEST REVISION, BUILDING, ALL DIMENSIONS MUST BE VERIFIED ON PROJECT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL TERMS IN A SPECIFIC CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: DO NOT SCALE THIS DRAWING, VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
FL100	CHANGE IN ELEVATION TAG
100 FFHC 100	ZOCALO

LPPA DESIGN GROUP
LPPA Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
T: (632) 8709-8890 F: (632) 8709-8894 E: lppa@lppadesign.com.ph W: www.lppadesign.com.ph

Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266
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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS Palawan
Location: Puerto Princesa, Palawan

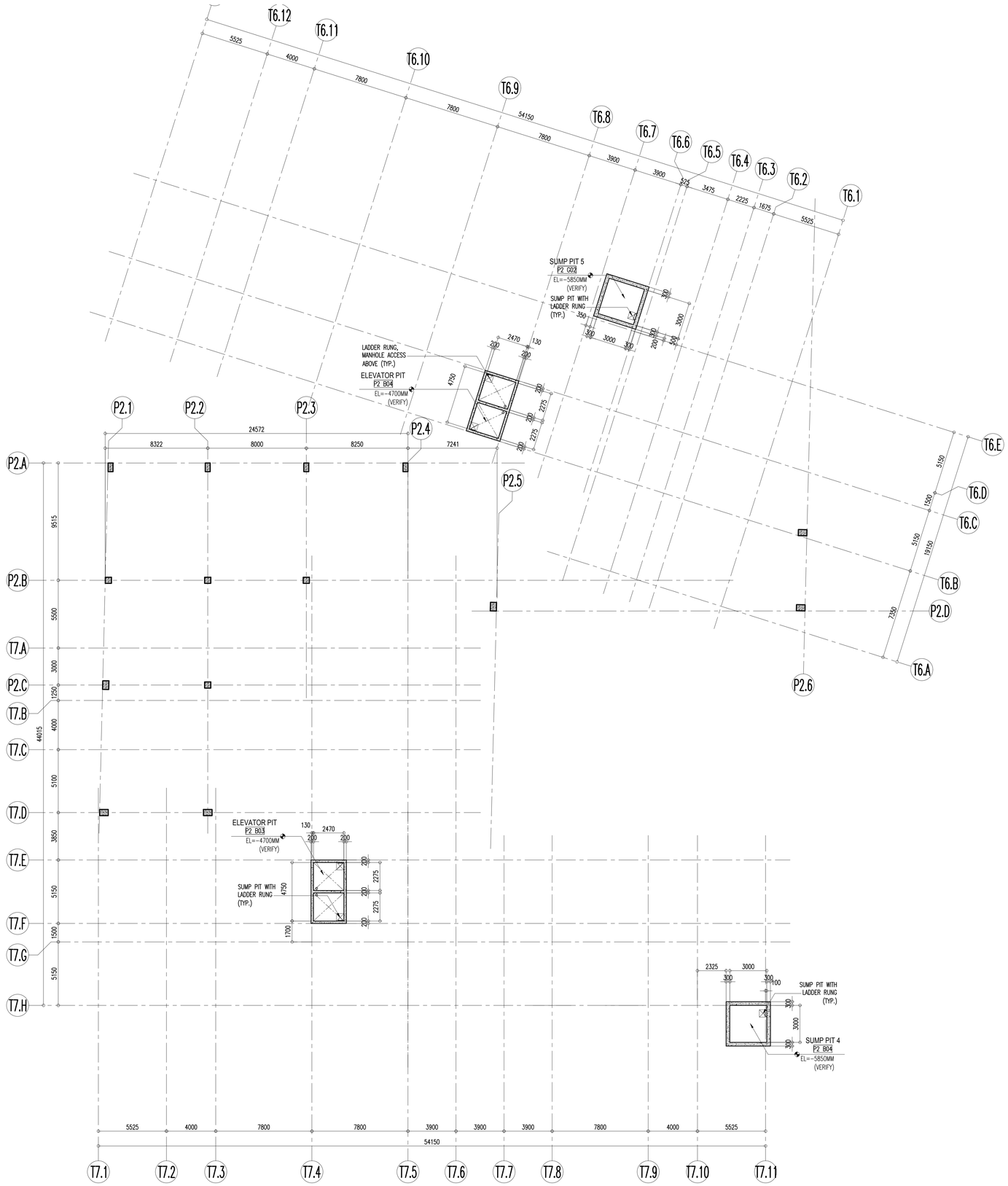
Owner: CEBU LANDMASTERS

Sheet Contents: PODIUM 1 FOURTH FLOOR PLAN
Drawn by: MJN Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
3			
4			
5			

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.06-P1
Job No.: 20-705
Last Modified: 26 OCT. 2021



NORTH

1 / A-2.01 P2

PODIUM 2
BASEMENT FLOOR PLAN

SCALE: 1:150M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

NOTE: THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION AND IS THE ARCHITECTURAL DESIGN DRAWINGS NOT FOR BIDDING. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS ON SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

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WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
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C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

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TAG LEGEND

RM00	ROOM NO. TAG
FL100	CHANGE IN ELEVATION TAG
100 FIN. 100 STRUC.	ZOCALO

LPPA DESIGN GROUP
Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS Puerto Princesa
Location: Puerto Princesa, Palawan

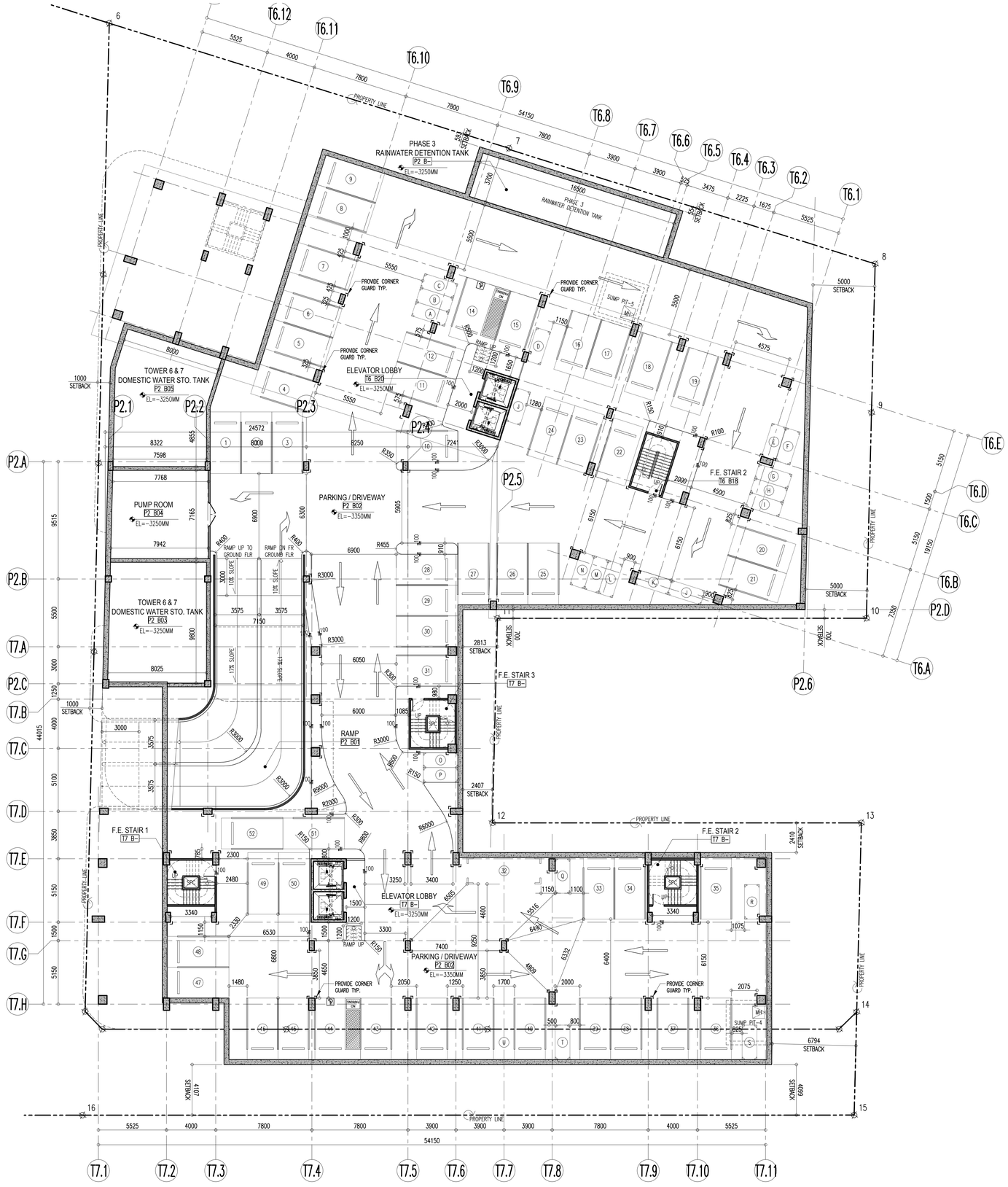
Owner: CEBU LANDMASTERS

Sheet Contents: PODIUM 2 BASEMENT FLOOR PLAN
Drawn by: MJN Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
3			
4			
5			
6			
7			

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.01-P2
Job No.: 20-705
Last Modified: 28 OCT. 2021



NORTH

1 / A–2.02 P2

PODIUM 2
BASEMENT FLOOR PLAN

SCALE: 1:150M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

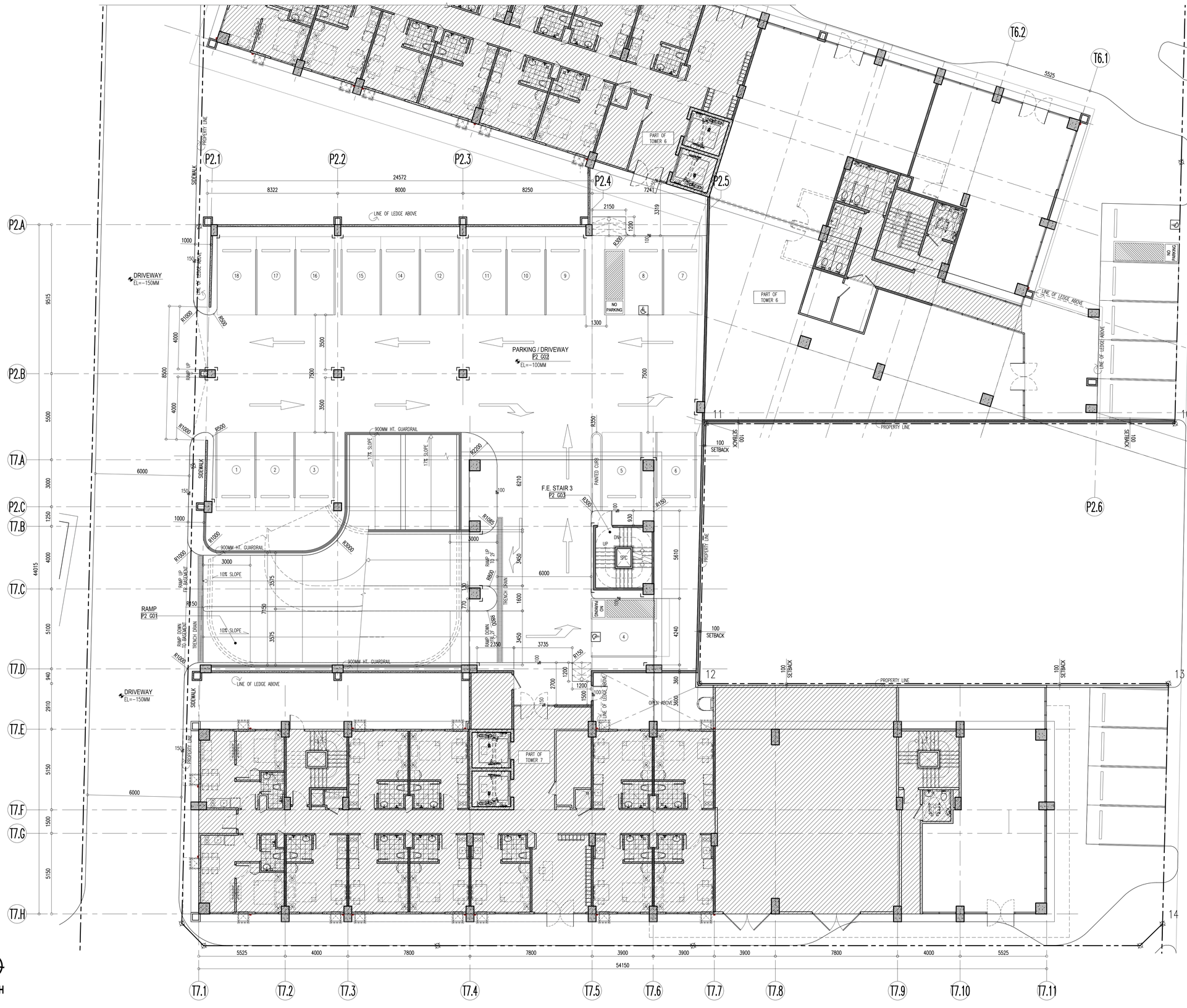
NOTE: THESE DRAWINGS ARE TO BE USED FOR CONSTRUCTION ONLY BY THE ARCHITECT'S, ENGINEER'S AND CONTRACTOR'S THAT HAVE ALL THE LATEST REVISIONS OF THESE DRAWINGS. ANY USE OF THESE DRAWINGS BY ANY PERSON OR ENTITY THAT DOES NOT HAVE THE LATEST REVISIONS SHALL BE AT THE SOLE RISK OF SUCH PERSON OR ENTITY AND WITHOUT LIABILITY TO THE ARCHITECT / ENGINEER.

NOTE: THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNTIL ALL PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM THE APPROPRIATE GOVERNMENT AGENCIES AND UTILITY COMPANIES. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE REPORTED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

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1 A-2.03-P2

PODIUM 2
GROUND FLOOR PLAN

SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
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C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
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FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

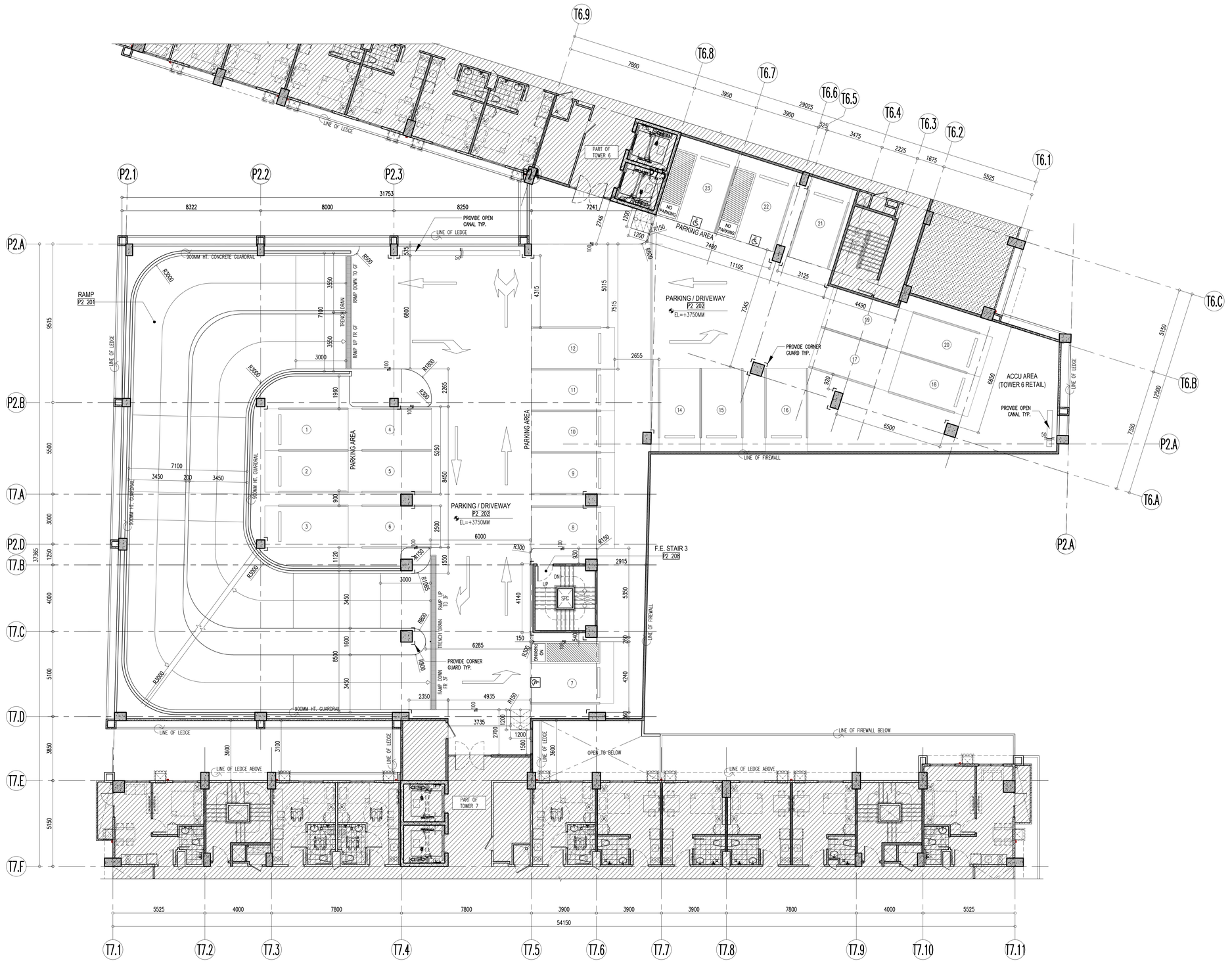
RM00	ROOM NO. TAG
100	CHANGE IN ELEVATION TAG
100 100mm	ZOCALO

LPPA DESIGN GROUP
Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
T: (632) 8709-8890 F: (632) 8709-8894 E: lppa@lppadesign.com.ph W: www.lppadesign.com.ph

Architect: LEO P. PARIÑAS		R.A. 9266	
REG. NO.: 9646	PTR NO.: 0730889		
DATE: JAN. 07, 2021	PLACE: QUEZON CITY		

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Engineer:		Project:	Owner:	Sheet Contents:	Rev.	Date	Description:	By:	Issued for:	Sheet No.:
REG. NO.:	PTR NO.:	CASA MIRA TOWERS PALAWAN	CEBU LANDMASTERS	PODIUM 2 GROUND FLOOR PLAN					☐ CAAP Clearance ☐ PALC ☐ HLURB ☐ ECC ☐ Design Development ☐ Building Permit ☐ Contract Documents ☐ Bidding ☐ Construction	A-2.03-P2
DATE:	PLACE:	Location: Puerto Princesa, Palawan		Drawn by: MJN Date: 26 OCT. 2021						Job No.: 20-705
				Checked by: LCC Designed by: LPP						Last Modified: 28 OCT. 2021



1 A-2.04-P2 PODIUM 2 SECOND FLOOR PLAN

SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS SHALL FOR CONSTRUCTION ONLY WHEN SIGNED BY THE ARCHITECT. FINAL DESIGN DRAWINGS ARE TO STRICTLY CONFORM TO ALL THE LATEST TECHNICAL BULLETINS, ADDENDA, CHANGES ISSUED PRIOR TO CONSTRUCTION OR FABRICATION. ALL DIMENSIONS MUST BE VERIFIED ON PROJECT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THE DRAWINGS ARE NOT TO BE SCALED FROM. DIMENSIONS SHALL BE CHECKED ON SITE BY THE CONTRACTOR AND ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT / CONSULTANT. DO NOT SCALE THIS DRAWING, VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
1 / 100	CHANGE IN ELEVATION TAG
100 / 100 mm	ZOCALO

LPPA DESIGN GROUP
LPPA Architecture Planning Design
2nd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
T: (632) 8709-8890 F: (632) 8709-8884 E: lppa@lppadesign.com.ph W: www.lppadesign.com.ph

Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

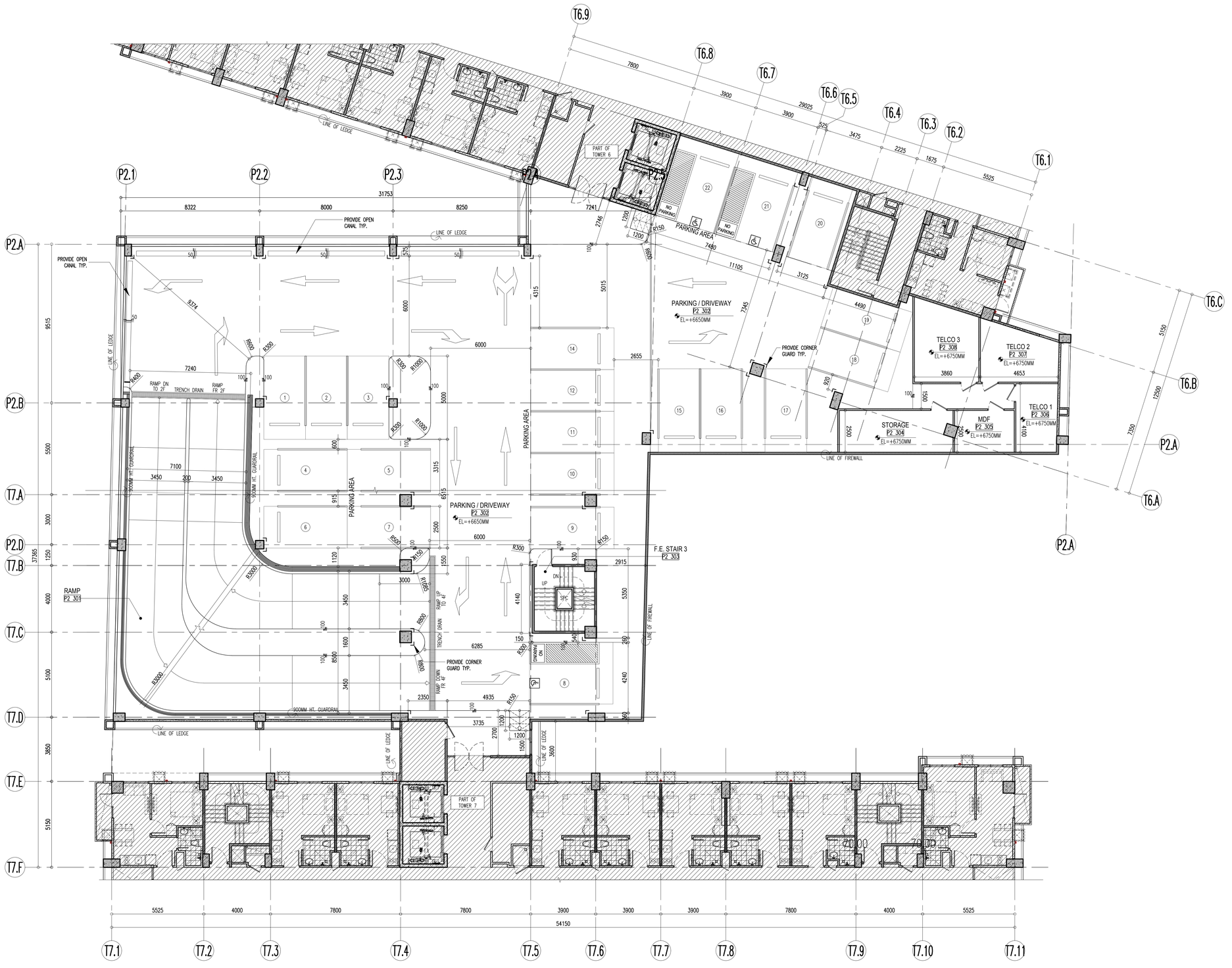
Owner: CEBU LANDMASTERS

Sheet Contents: PODIUM 2 SECOND FLOOR PLAN
Drawn by: MJN Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.04-P2
Job No.: 20-705
Last Modified: 28 OCT. 2021



1 / A-2.05-P2

PODIUM 2
THIRD FLOOR PLAN

SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
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C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS ISSUED FOR CONSTRUCTION ARE THE CONTRACTUAL DESIGN DRAWINGS AND SHOW ALL THE LATEST TECHNICAL BULLETINS, ADDENDA, CHANGES ISSUED DURING THE BIDDING PERIOD. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO SETTING OUT OF WORKS. ANY DISCREPANCIES SHALL BE REFERRED TO THE ARCHITECT / CONSULTANT FOR CLARIFICATION.

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FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
1:100	CHANGE IN ELEVATION TAG
100 / 100 mtrs	ZOCALO

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

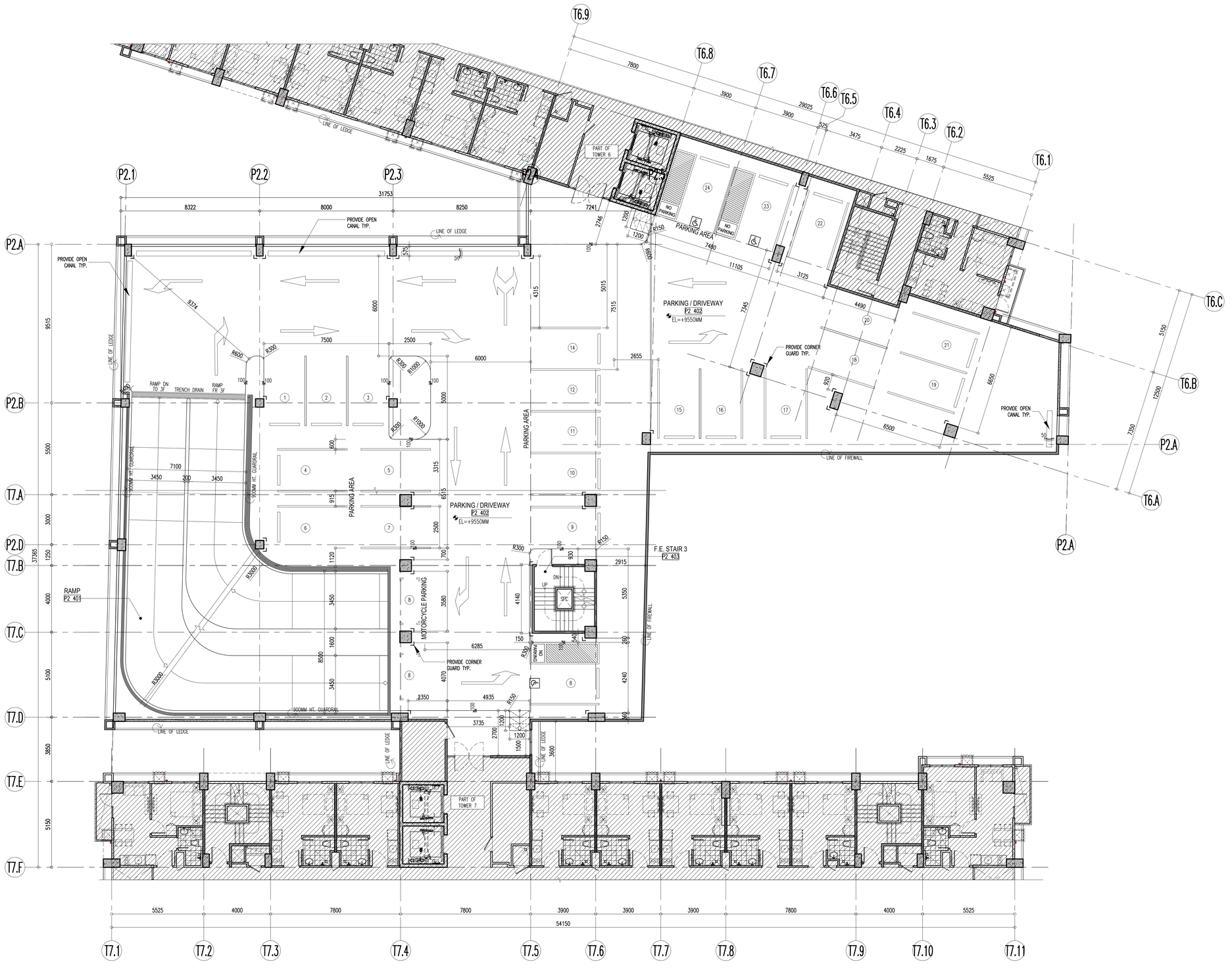
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Sheet Contents: PODIUM 2 THIRD FLOOR PLAN
Drawn by: MJN Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:

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- ☐ CAAP Clearance
- ☐ PALC
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Sheet No.: A-2.05-P2
Job No.: 20-705
Last Modified: 28 OCT. 2021



NORTH

1 / A-2.06-P2 — PODIUM 2 FOURTH FLOOR PLAN
SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
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C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS SHALL BE USED FOR CONSTRUCTION ONLY IN CONJUNCTION WITH THE ARCHITECTURAL DESIGN DRAWINGS AND SPECIFICATIONS. ALL ELECTRICAL WORKS SHALL BE IN STRICT ACCORDANCE WITH THE LATEST PHILIPPINE ELECTRICAL CODE, ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
EL+100	CHANGE IN ELEVATION TAG
100 mm 100	ZOCALO

NOTE: THESE DRAWINGS ARE TO BE READ FROM FIGURED DIMENSIONS. ACTUAL DIMENSIONS MUST BE VERIFIED ON PROJECT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

LPPA DESIGN GROUP — Architecture Planning Design
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 | PTR NO.: 0730889
DATE: JAN. 07, 2021 | PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: | PTR NO.:
DATE: | PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

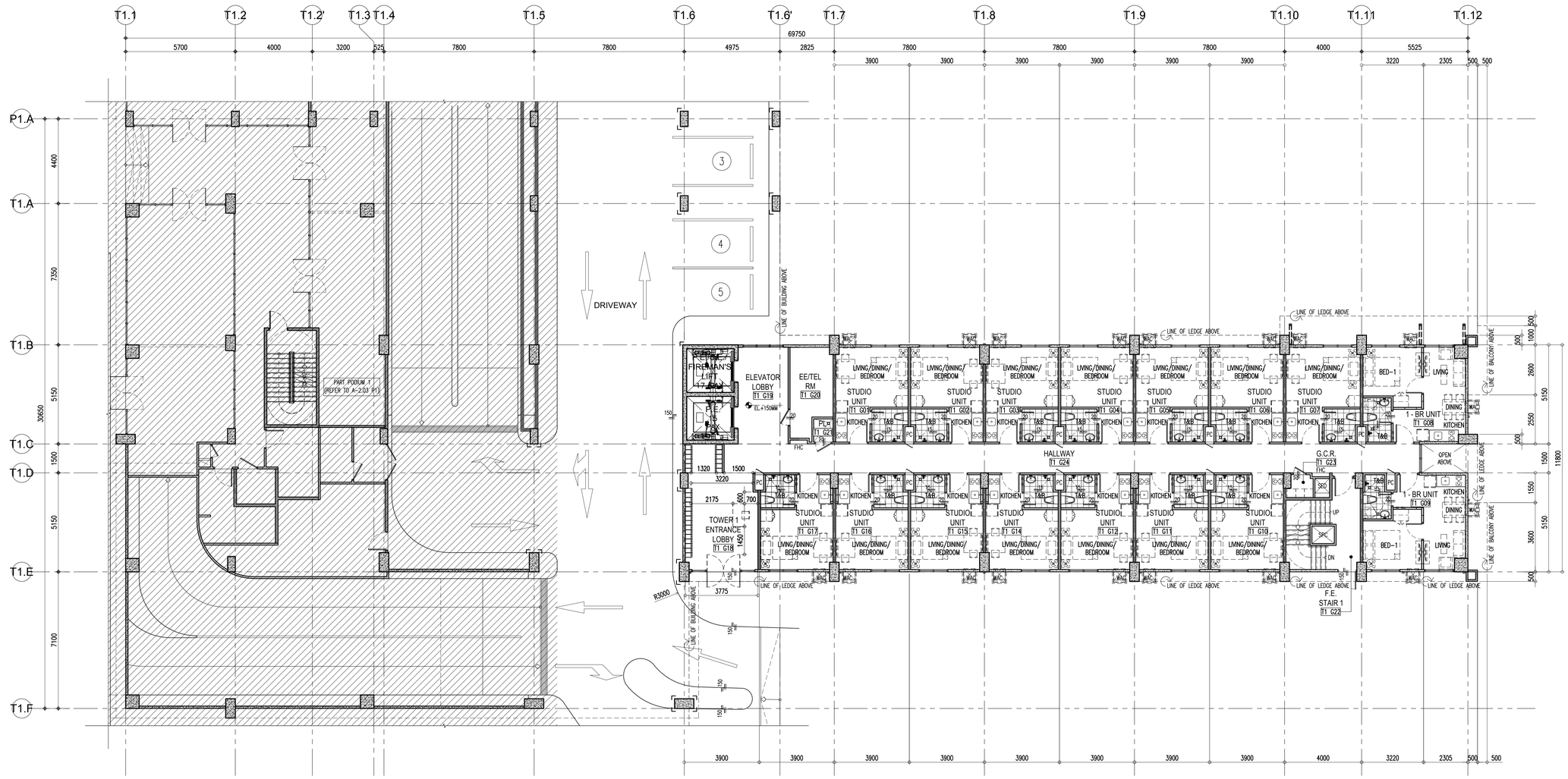
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Sheet Contents: PODIUM 2 FOURTH FLOOR PLAN
Drawn by: MJN | Date: 26 OCT. 2021
Checked by: LCC | Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
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Sheet No.: A-2.06-P2
Job No.: 20-705
Last Modified: 28 OCT. 2021



NORTH

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.01 T1

TOWER 1
GROUND FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

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WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
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C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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TAG LEGEND

RM00	ROOM NO. TAG
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100 / 100	ZOCALO

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
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Engineer:
REG. NO.: PTR NO.:
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Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

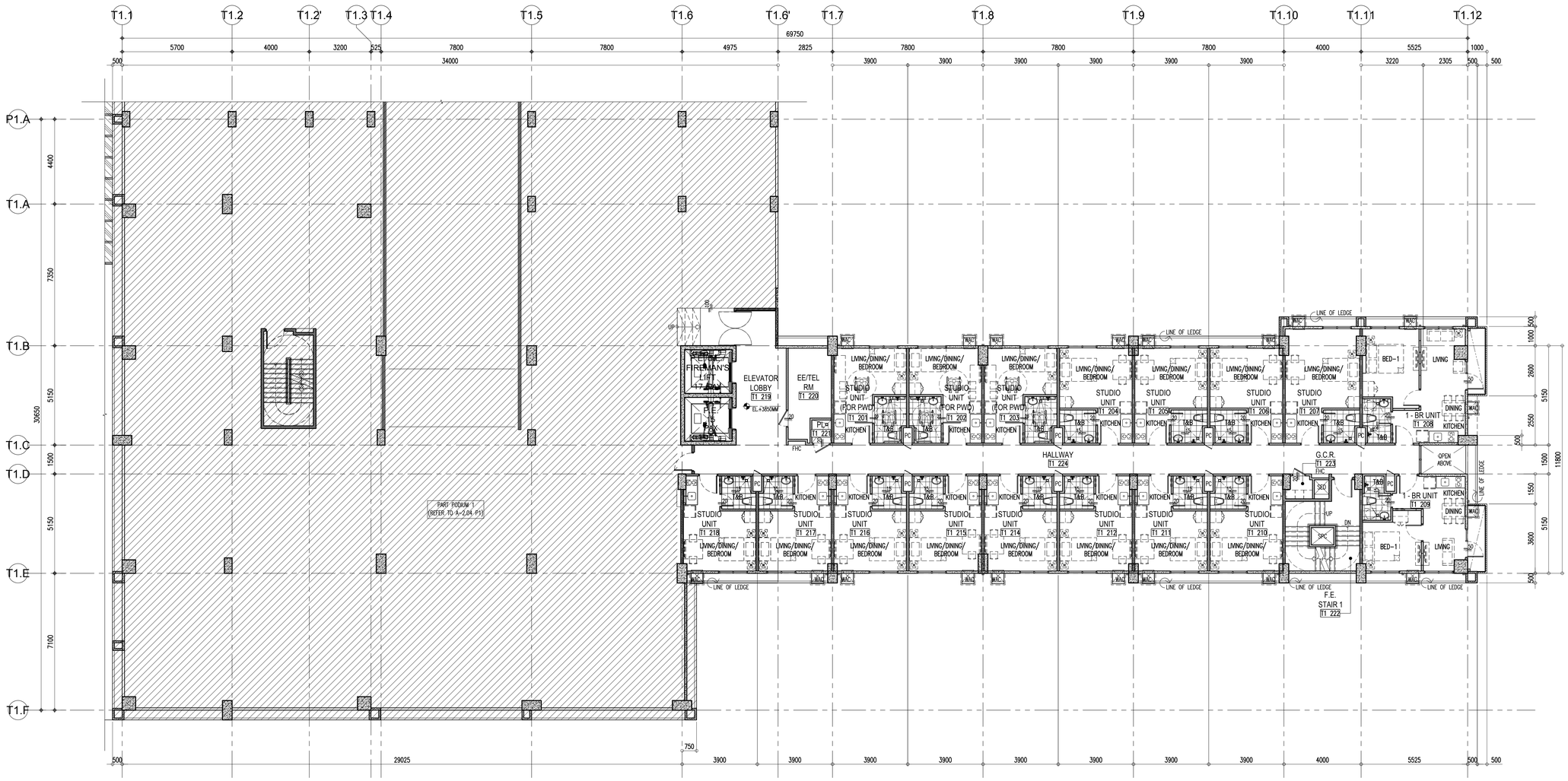
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 1 GROUND FLOOR PLAN
Drawn by: LPPA Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

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- ☐ Building Permit
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- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.01-T1
Job No.: 20-705
Last Modified: 26 OCT. 2021



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

1 A-2.02 T1 — TOWER 1 SECOND FLOOR PLAN — SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

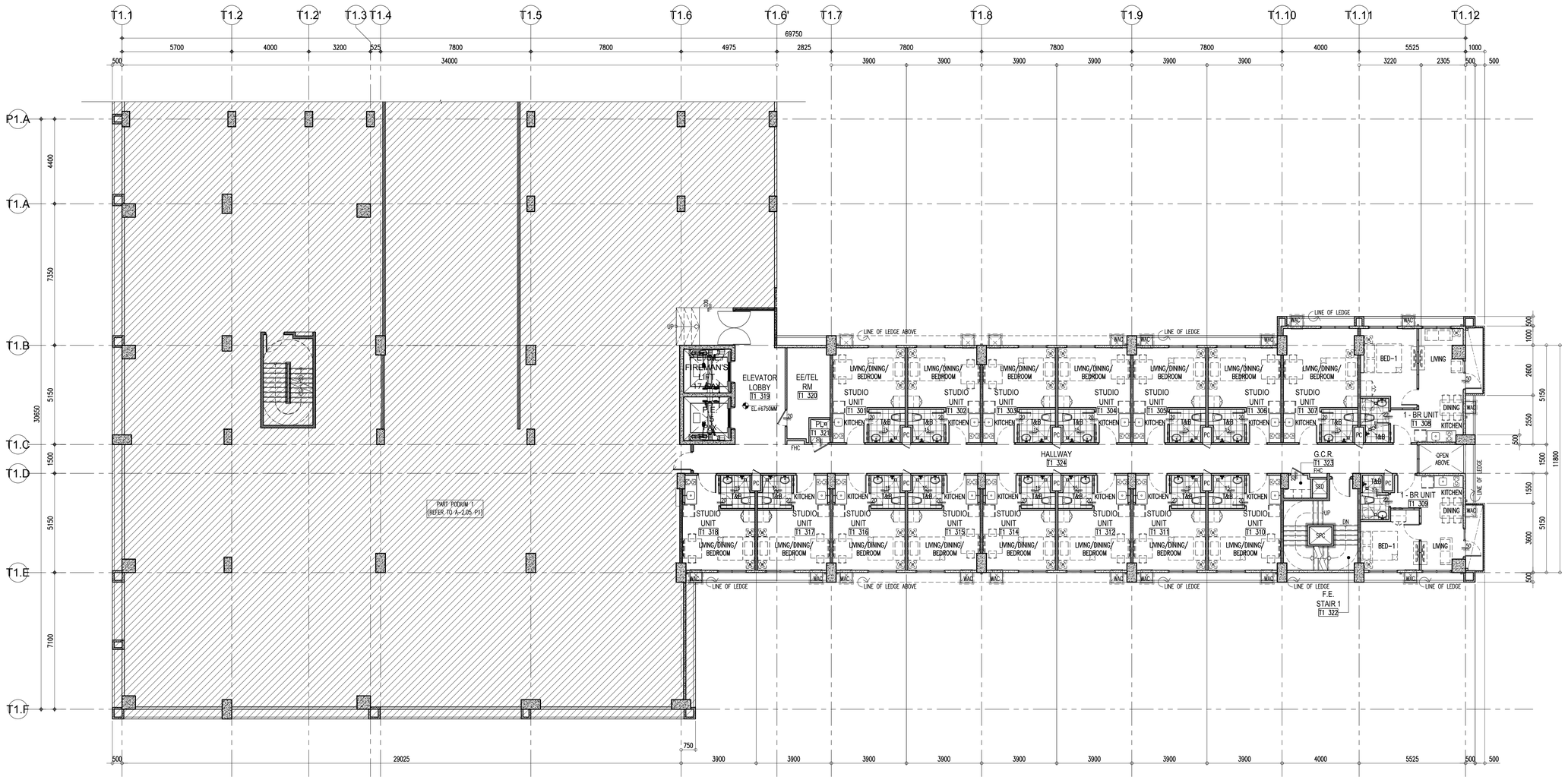
Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 13MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS SHALL BE READ FROM FIGURED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THESE DRAWINGS ARE TO BE USED FOR CONSTRUCTION ONLY WHEN ISSUED FOR CONSTRUCTION. CONTRACTOR SHALL BE FAMILIAR WITH ALL THE LATEST REVISIONS, BULLETINS, ADDENDUM, CHANGE ORDERS AND CLARIFICATIONS. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION



NORTH

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.03 T1 TOWER 1
THIRD FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 13MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS SHALL BE USED FOR CONSTRUCTION ONLY IN CONJUNCTION WITH THE ARCHITECTURAL DESIGN DRAWINGS AND SHALL BE THE LATEST REVISION. BUILDING DIMENSIONS AND DETAILS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. ALL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO SITE FABRICATION. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE FABRICATION.

NOTE: THE DRAWINGS ARE PREPARED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
±100	CHANGE IN ELEVATION TAG
100 / 100	ZOCALO

LPPA DESIGN GROUP
Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
T: (632) 8709-8890 F: (632) 8709-8884 E: lppa@lppadesign.com.ph W: www.lppadesign.com.ph

Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

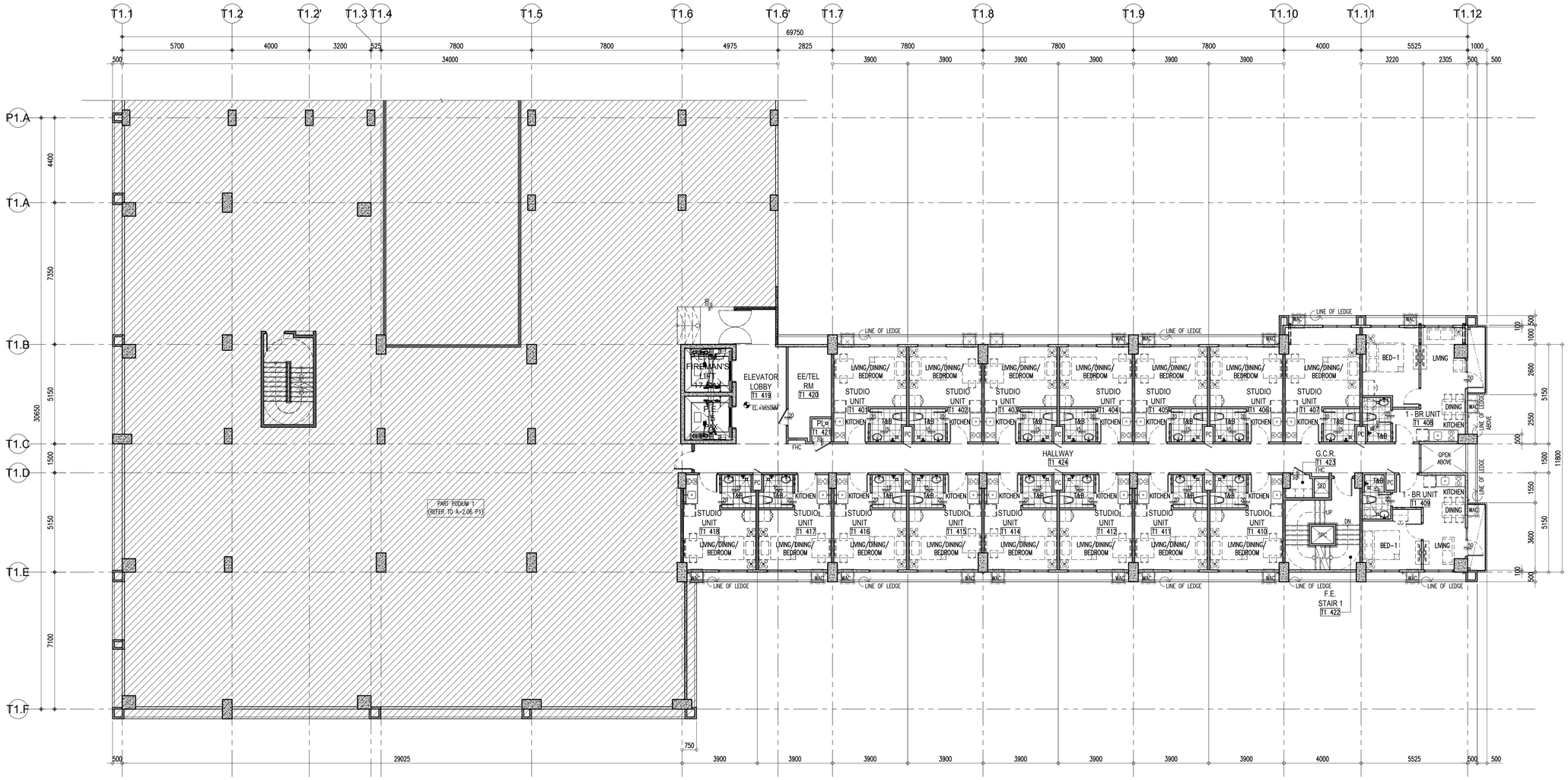
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 1 THIRD FLOOR PLAN
Drawn by: LPPA Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
3			
4			
5			

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.03-T1
Job No.: 20-705
Last Modified: 26 OCT. 2021



NORTH

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.04 T1 TOWER 1
FOURTH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 13MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS SHALL BE USED FOR CONSTRUCTION ONLY IN CONJUNCTION WITH THE ARCHITECTURAL, STRUCTURAL, DESIGN DRAWINGS AND OTHER RELATED CONSULTANTS' DRAWINGS AND SHALL BE THE LATEST REVISIONS. BUILDING LAYOUTS, ELEVATIONS, SECTIONS, DETAILS, ETC. ARE TO BE USED AS GUIDE ONLY. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THESE DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS, CONDITIONS AND INFORMATION SHOWN ON THESE DRAWINGS ARE TO BE VERIFIED ON PROJECT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
1/100	CHANGE IN ELEVATION TAG
100 / 100	ZOCALO

LPPA DESIGN GROUP
Architecture Planning Design
2nd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
T: (632) 8709-8890 F: (632) 8709-8864 E: lppa@lppadesign.com.ph W: www.lppadesign.com.ph

Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

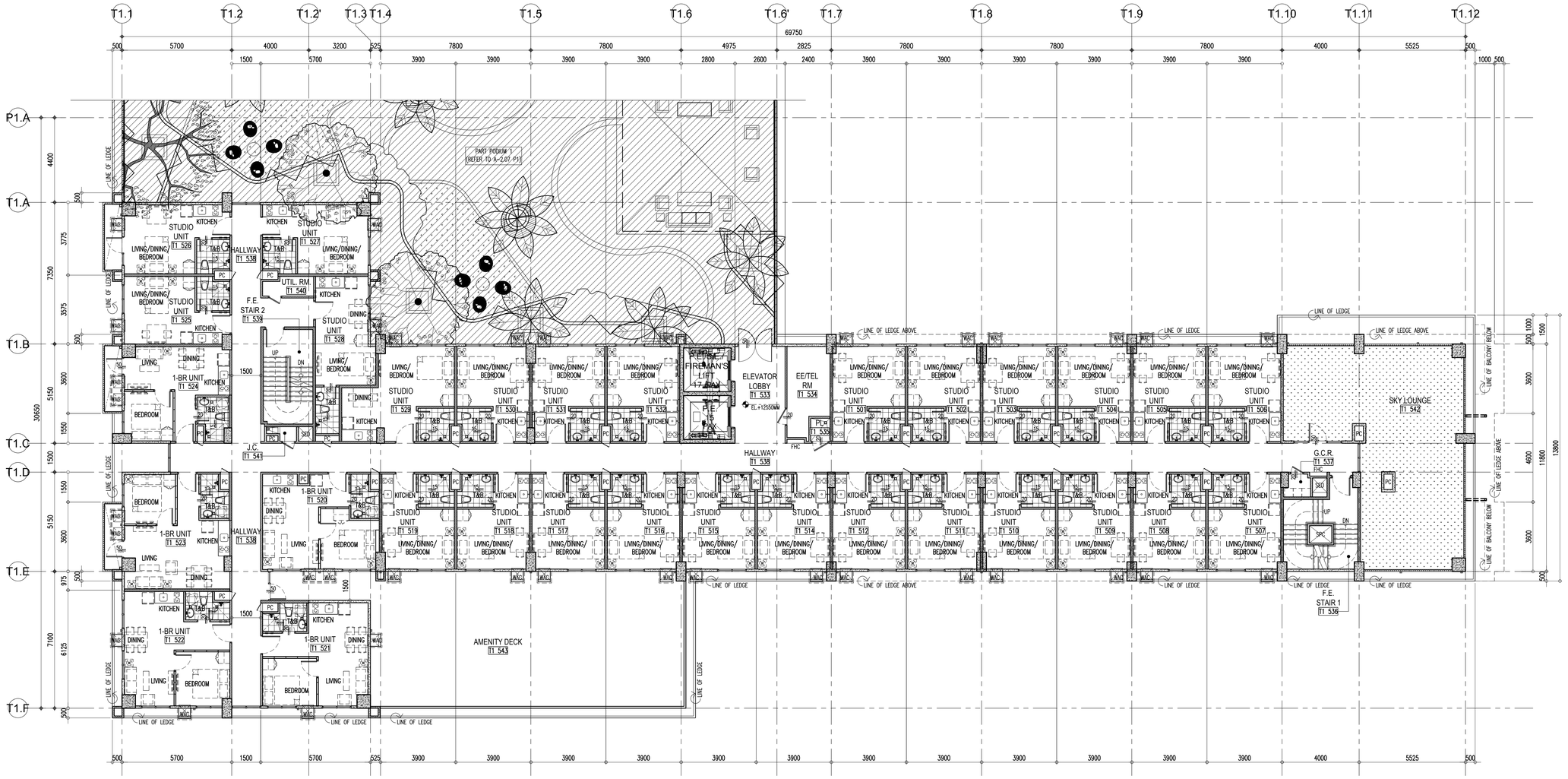
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 1 FOURTH FLOOR PLAN
Drawn by: LPPA Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
3			
4			
5			

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.04-T1
Job No.: 20-705
Last Modified: 26 OCT. 2021



NORTH

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.05 T1 TOWER 1
FIFTH FLOOR PLAN
SCALE: 1:100M

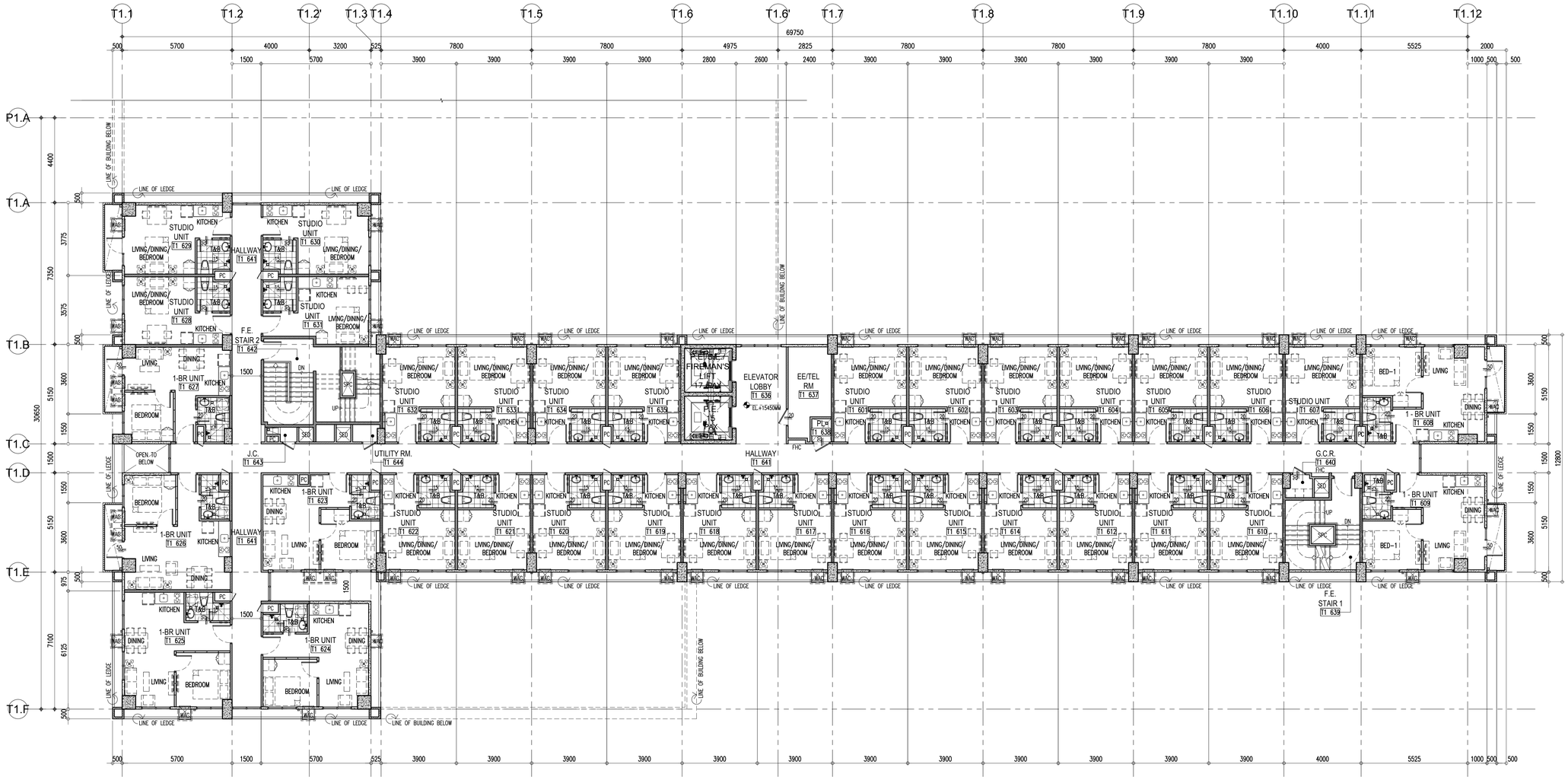
Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

NOTE: THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL THE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, PLUMBING & SANITARY, FIRE PROTECTION, MECHANICAL, ELECTRONICS, ELECTRICAL, ELECTRONICS, ELECTRICAL, ELECTRONICS, ELECTR



NORTH

1 A-2.06 T1 — TOWER 1 SIXTH FLOOR PLAN — SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 13MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

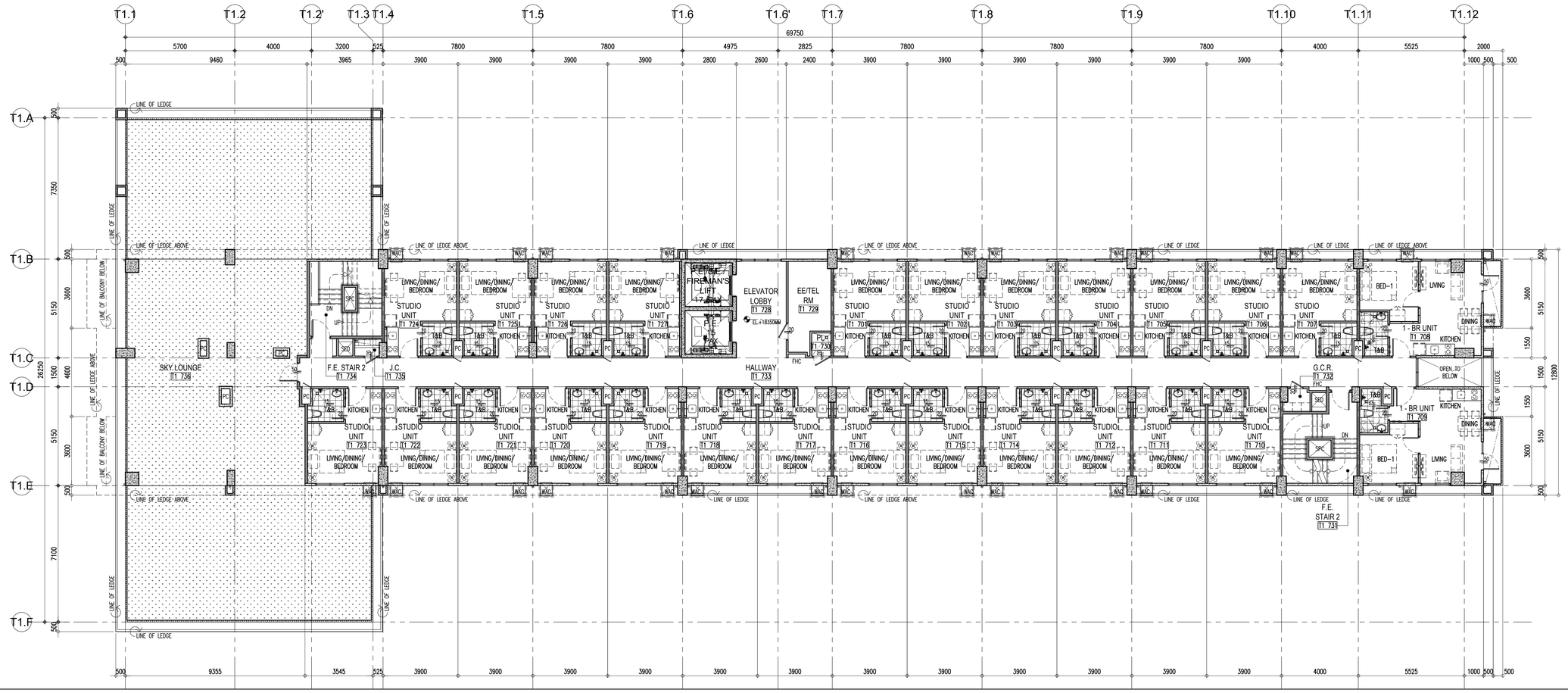
RM00	ROOM NO. TAG
1/100	CHANGE IN ELEVATION TAG
100 x 100 mm	ZOCALO

NOTE: THESE DRAWINGS ARE TO BE USED FOR CONSTRUCTION ONLY WHEN DIMENSIONS AND ALL INFORMATION CONTAINED ALL DIMENSIONS MUST BE VERIFIED ON PROJECT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

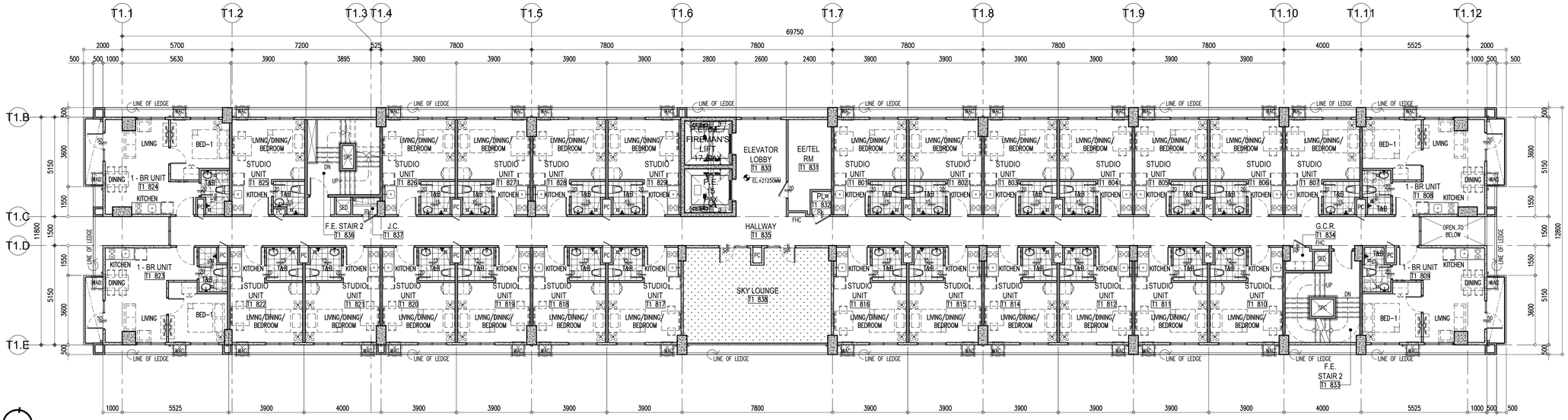
NOTE: THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL, PLUMBING & FIRE PROTECTION DRAWINGS AND SPECIFICATIONS AND THE LATEST TECHNICAL BULLETIN. ALL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

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| | | |



1 A-2.07 T1 — TOWER 1
SEVENTH FLOOR PLAN
SCALE: 1:100M



NORTH

2 A-2.07 T1 — TOWER 1
EIGHTH FLOOR PLAN
SCALE: 1:100M

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
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C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
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C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
100	CHANGE IN ELEVATION TAG
100 100	ZOCALO

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

NOTE: THIS DRAWING IS FOR CONSTRUCTION AND TO BE ARCHITECTURAL DESIGN DRAWINGS IMPORTANT ALL LATEST DESIGNS, BULLETINS, ADDENDUM, CHANGES, REVISIONS, CLARIFICATIONS AND TO BE USED FOR FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266
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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS Palawan
Location: Puerto Princesa, Palawan

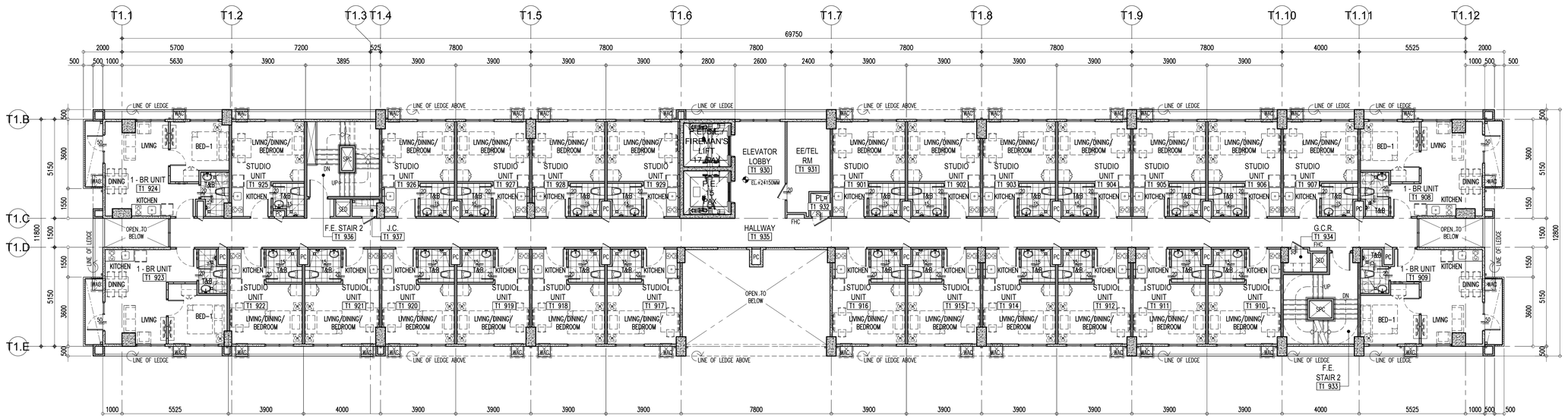
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 1 SEVENTH AND EIGHTH FLOOR PLAN
Drawn by: KC/AA/DM Date:
Checked by: Designed by: LPP

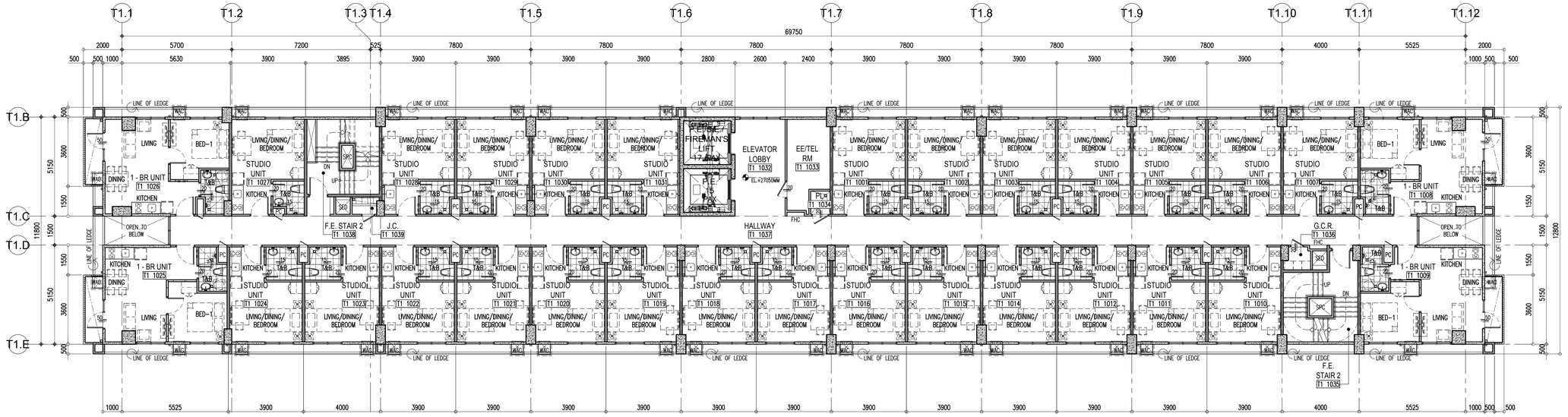
Rev.	Date	Description:	By:
1			
2			
3			
4			
5			

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
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- ☐ Construction

Sheet No.: A-2.07 T1
Job No.: 20-705
Last Modified:



1 A-2.08 T1 TOWER 1
NINTH FLOOR PLAN
SCALE: 1:100M



NORTH

2 A-2.08 T1 TOWER 1
TENTH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
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FIRE RATING SPECIFICATION FOR MASONRY WALLS

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NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
1/100	CHANGE IN ELEVATION TAG
100 / 100	ZOCALO

NOTE: THIS DRAWING IS DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL CONFIRM ALL DIMENSIONS AS SET IN SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THESE DRAWINGS, SUBJECT FOR CONSTRUCTION, ARE THE ARCHITECTURAL DESIGN DRAWINGS AND SHALL BE THE LATEST TECHNICAL BULLETINS, ADDENDUM, CHANGES, REVISIONS, CLARIFICATIONS, AND INTERPRETATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
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R.A. 9266
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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

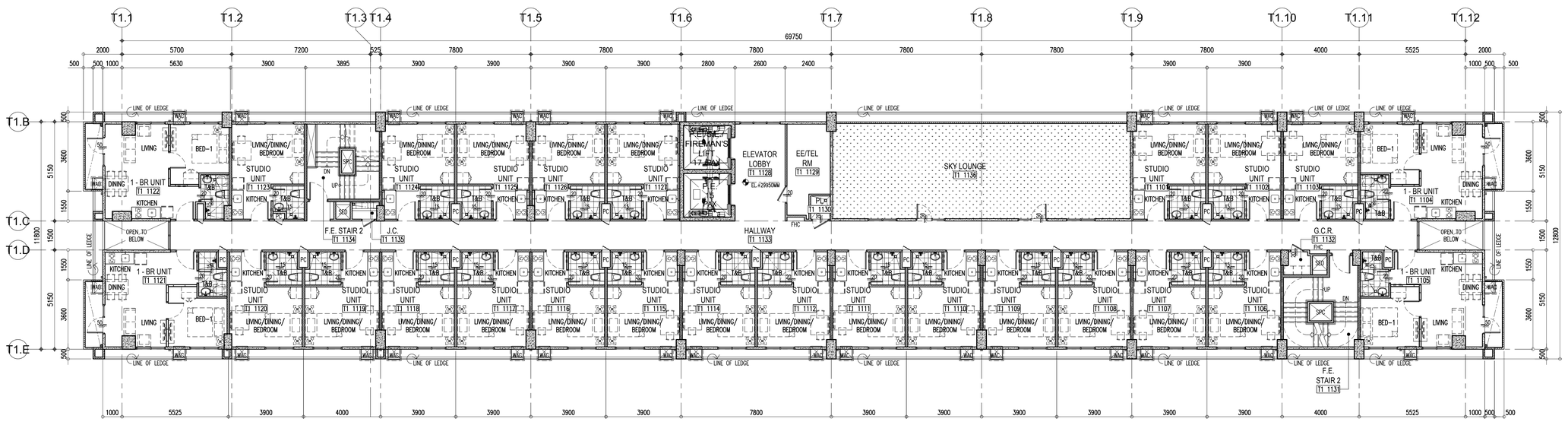
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 1 NINTH AND TENTH FLOOR PLAN
Drawn by: KC/AA/DM Date:
Checked by: Designed by: LPP

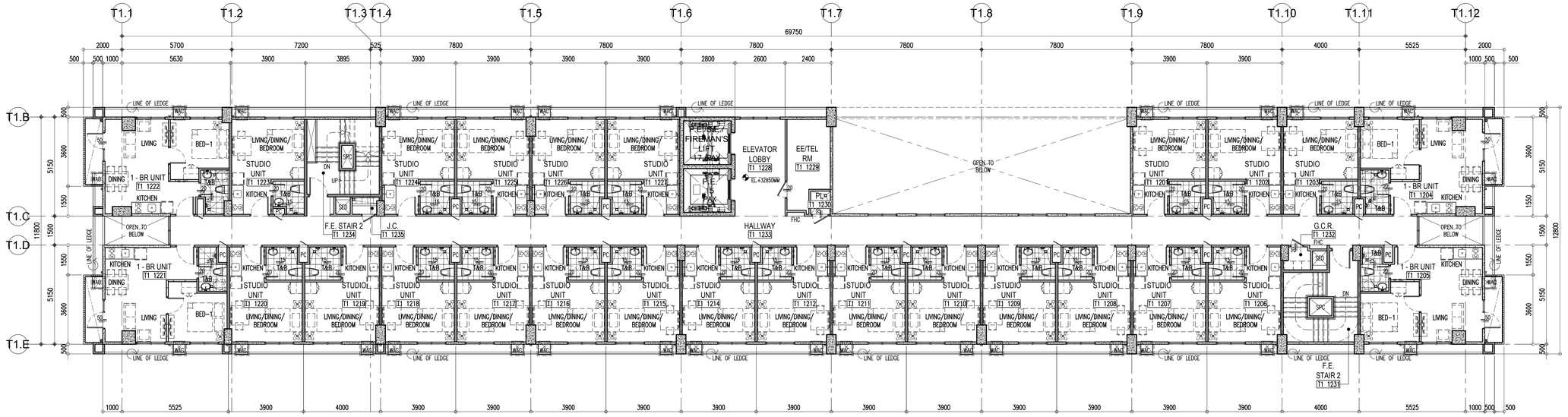
Rev.	Date	Description:	By:
1			
2			
3			
4			
5			

Issued for:
- ☐ CAAP Clearance
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Sheet No.: A-2.08 T1
Job No.: 20-705
Last Modified:



1 A-2.09 T1 TOWER 1
ELEVENTH FLOOR PLAN
SCALE: 1:100M



NORTH

2 A-2.09 T1 TOWER 1
TWELFTH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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FIRE RATING SPECIFICATION FOR MASONRY WALLS

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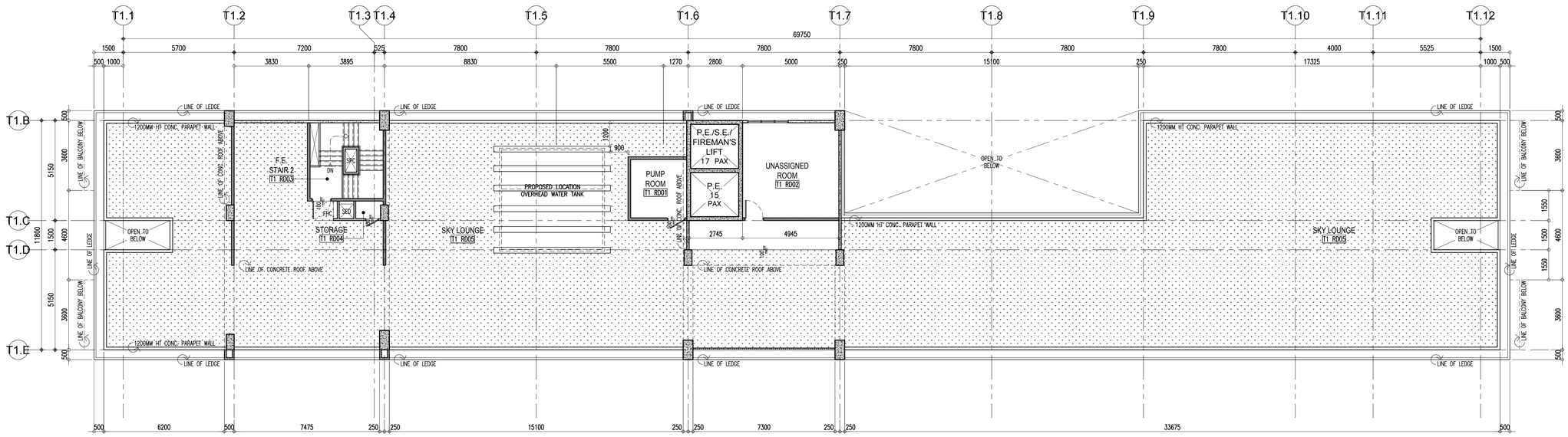
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TAG LEGEND

RM00	ROOM NO. TAG
1/100	CHANGE IN ELEVATION TAG
100 / 100 WIDE	ZOCALO

NOTE: THIS DRAWING IS PREPARED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

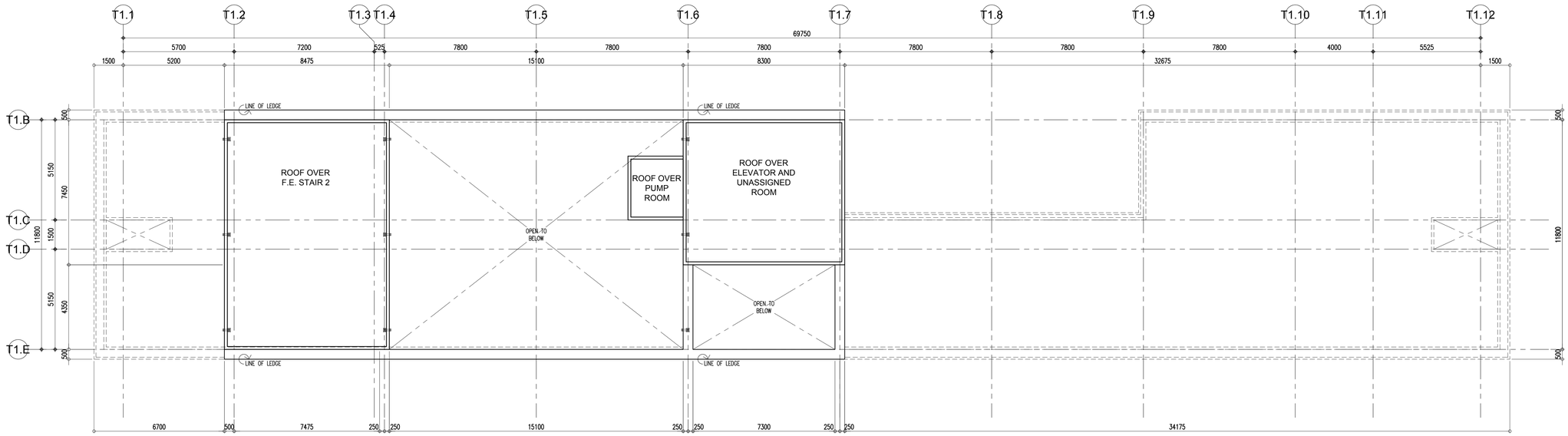
NOTE: THIS DRAWING DOES NOT CONSTITUTION ARCHITECTURAL DESIGN DRAWINGS AND SHALL BE USED STRICTLY FOR PERMITTING PURPOSES. ALL ELECTRICAL, MECHANICAL, PLUMBING & FIRE PROTECTION DESIGN DRAWINGS AND CONTRACTUAL DOCUMENTS SHALL BE THE LATEST REVISIONS, AS PREPARED BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION. DESIGN REFERENCE AS FINAL



1 A-2.10 T1

TOWER 1
ROOF DECK PLAN

SCALE: 1:100M



NORTH

2 A-2.10 T1

TOWER 1
ROOF PLAN

SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

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C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 13MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS SHALL BE USED FOR CONSTRUCTION ONLY IN CONJUCTION WITH THE ARCHITECTURAL, DESIGN DRAWINGS AND SHALL BE THE LATEST REVISIONS. ALL ELECTRICAL DEVICES SHALL BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS AND AS APPROVED BY THE ARCHITECT. ALL DIMENSIONS SHALL BE VERIFIED ON SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THIS DRAWING IS DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL DOUBLE CHECK ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DO NOT SCALE THIS DRAWING, VERIFY ACTUAL DIMENSIONS ON SITE. ERRORS OR OMISSIONS SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
1/100	CHANGE IN ELEVATION TAG
100 / 100 METER	ZOCALO

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266
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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

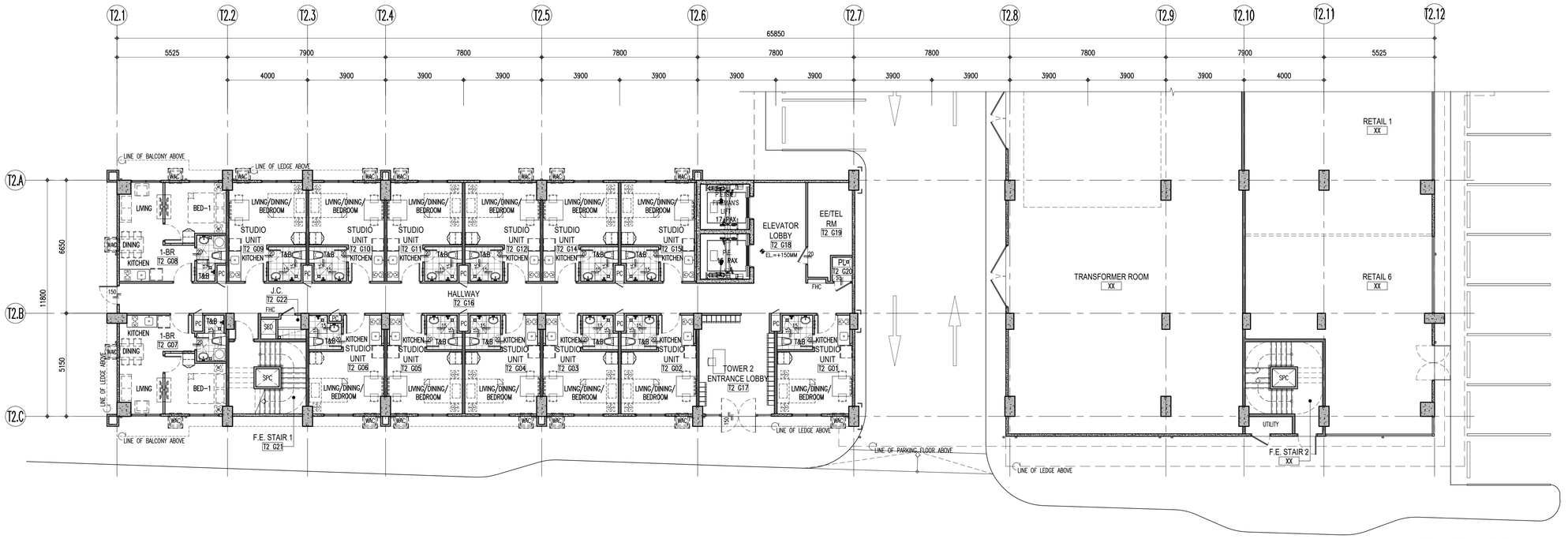
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Sheet Contents: TOWER 1 ROOF DECK AND ROOF PLAN
Drawn by: KC/AA/DM Date:
Checked by: Designed by: LPP

Rev.	Date	Description:	By:

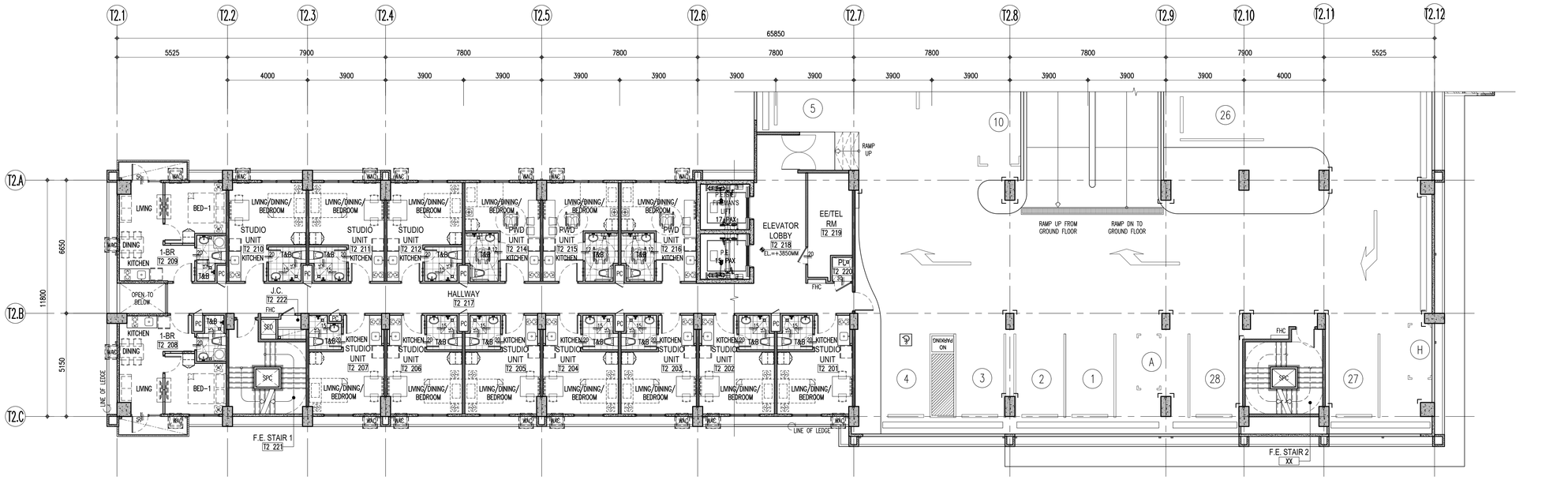
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- ☐ Construction

Sheet No.: A-2.10 T1
Job No.: 20-705
Last Modified:



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 / A-2.01 TOWER 2 GROUND FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 / A-2.01 TOWER 2 2ND FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
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NOTE: THESE DRAWINGS SHALL BE USED FOR CONSTRUCTION ONLY IN CONJUNCTION WITH THE CONTRACT DOCUMENTS, DESIGN DRAWINGS AND SPECIFICATIONS AS PREPARED BY THE LATEST TECHNICAL BULLETINS, ADDENDA, CHANGES AND CLARIFICATIONS AS ISSUED BY THE ARCHITECT PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
1:100	CHANGE IN ELEVATION TAG
100 mm 100	ZOCALO

NOTE: THESE DRAWINGS ARE NOT TO BE USED FOR BIDDING PURPOSES UNLESS ALL DIMENSIONS HAVE BEEN VERIFIED AT SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DO NOT SCALE THIS DRAWING, VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION.

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LPPA DESIGN GROUP
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

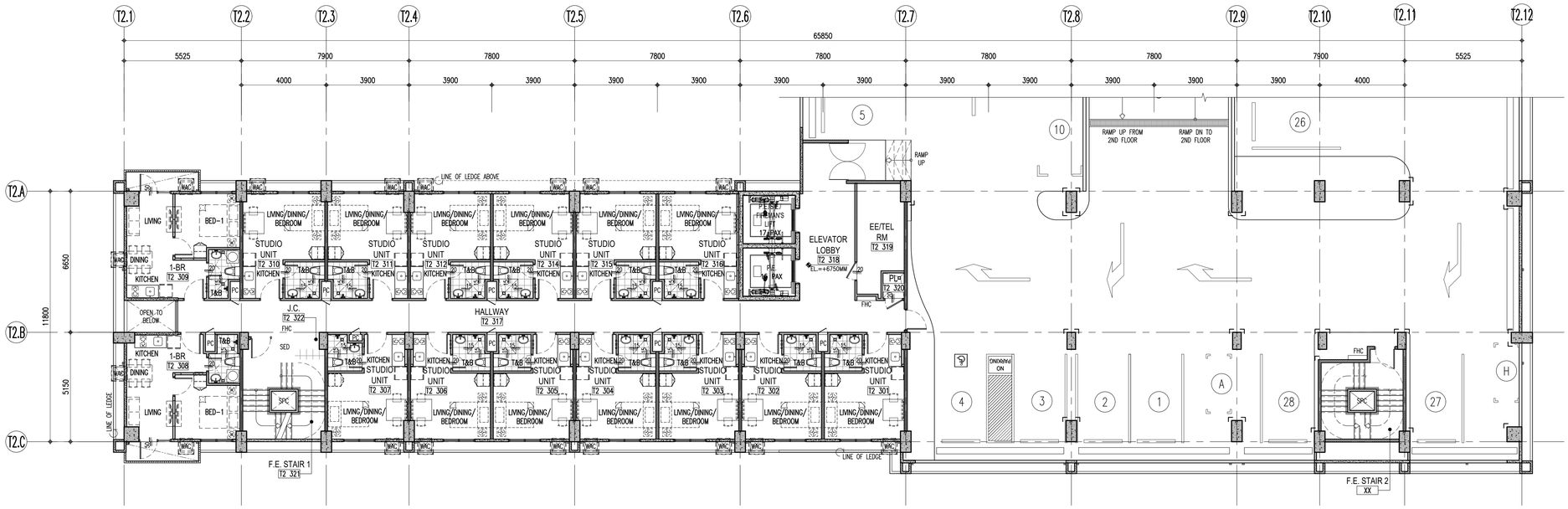
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Sheet Contents: TOWER 2 GROUND FLOOR AND 2ND FLOOR PLANS
Drawn by: LPPA Date: 31 AUG 2021
Checked by: LCC/LP Designed by: LPP

Rev.	Date	Description:	By:
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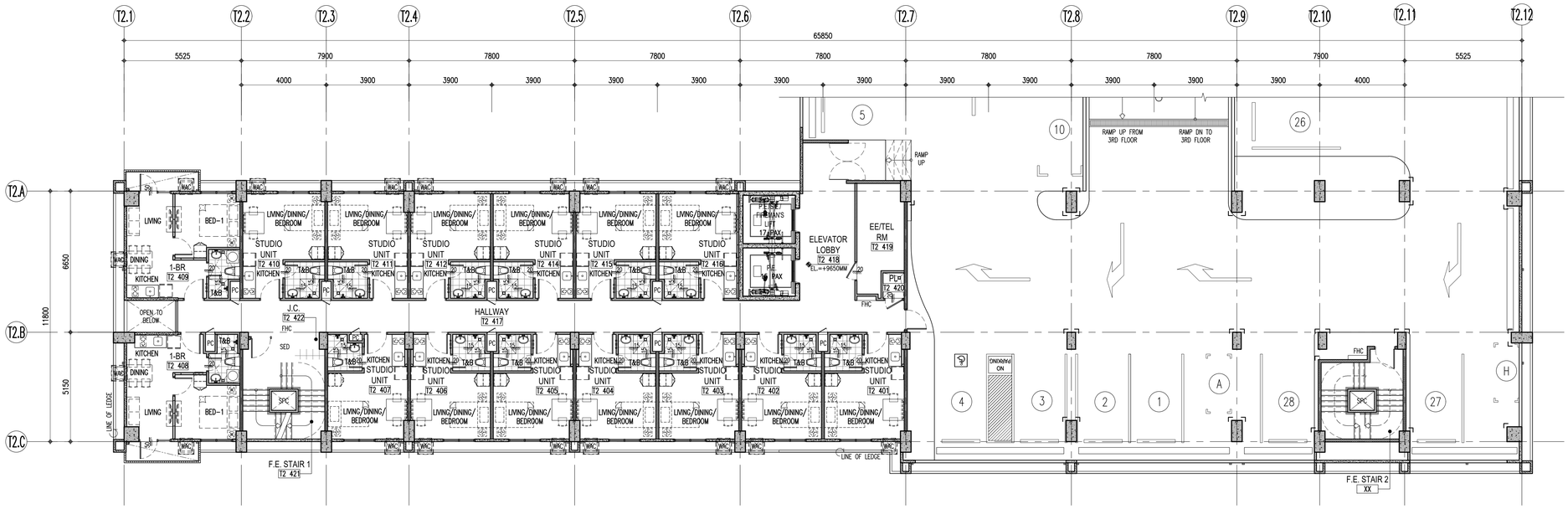
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Sheet No.: A-2.01
Job No.: 20-705
Last Modified: 27 OCT 21



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A–2.02 TOWER 2 3RD FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A–2.02 TOWER 2 4TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAL) – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS ARE DESIGNED FOR CONSTRUCTION BY THE ARCHITECTURAL DESIGNS/DRAWINGS INCORPORATING ALL THE LATEST BUILDING, ELECTRICAL, ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 / SFTL100	ZOCALO

NOTE: THIS DRAWING IS DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL CONFIRM ALL DIMENSIONS AND FIELD CONDITIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT. DO NOT SCALE THIS DRAWING, VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. ANY DEVIATION OR CHANGES SHALL BE DONE ONLY WITH THE CONSENT OF THE ARCHITECT. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT.

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LPPA DESIGN GROUP — Architecture Planning Design
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

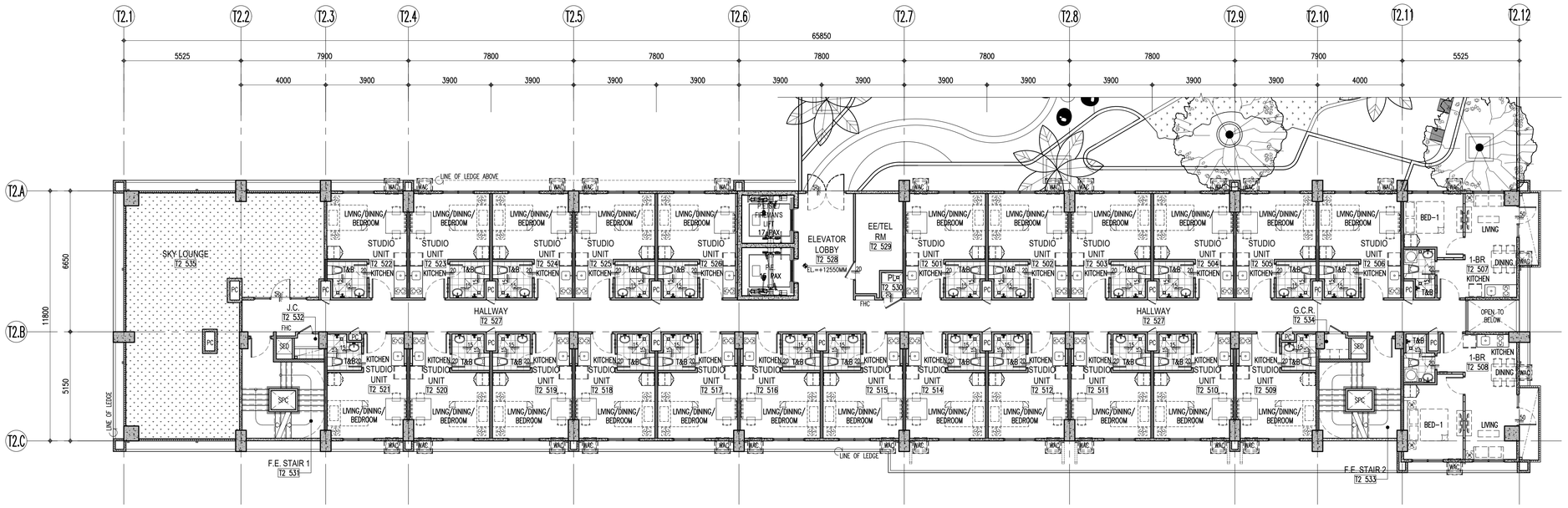
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Sheet Contents: TOWER 2 3RD FLOOR AND 4TH FLOOR PLANS
Drawn by: LPPA Date: 31 AUG 2021
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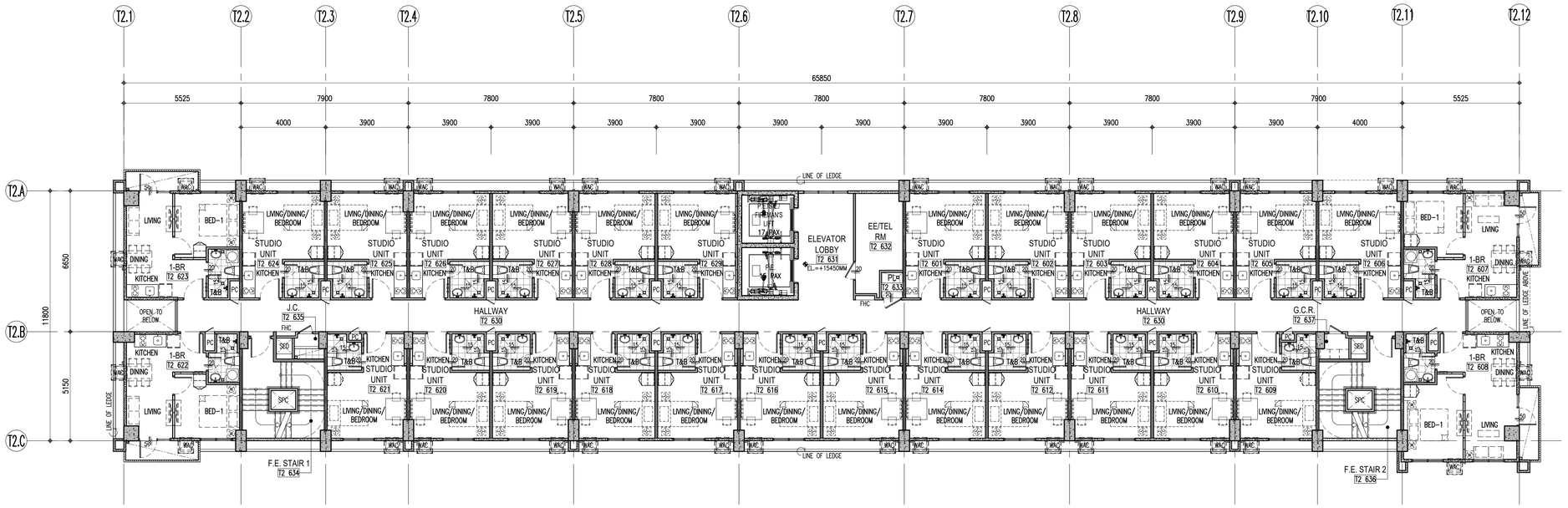
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Sheet No.: A-2.02
Job No.: 20-705
Last Modified: 27 OCT 21



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A–2.03 TOWER 2
5TH FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A–2.03 TOWER 2
6TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

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WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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TAG LEGEND

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100 100	ZOCALO

NOTE: DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

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LPPA DESIGN GROUP
Architecture Planning Design
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

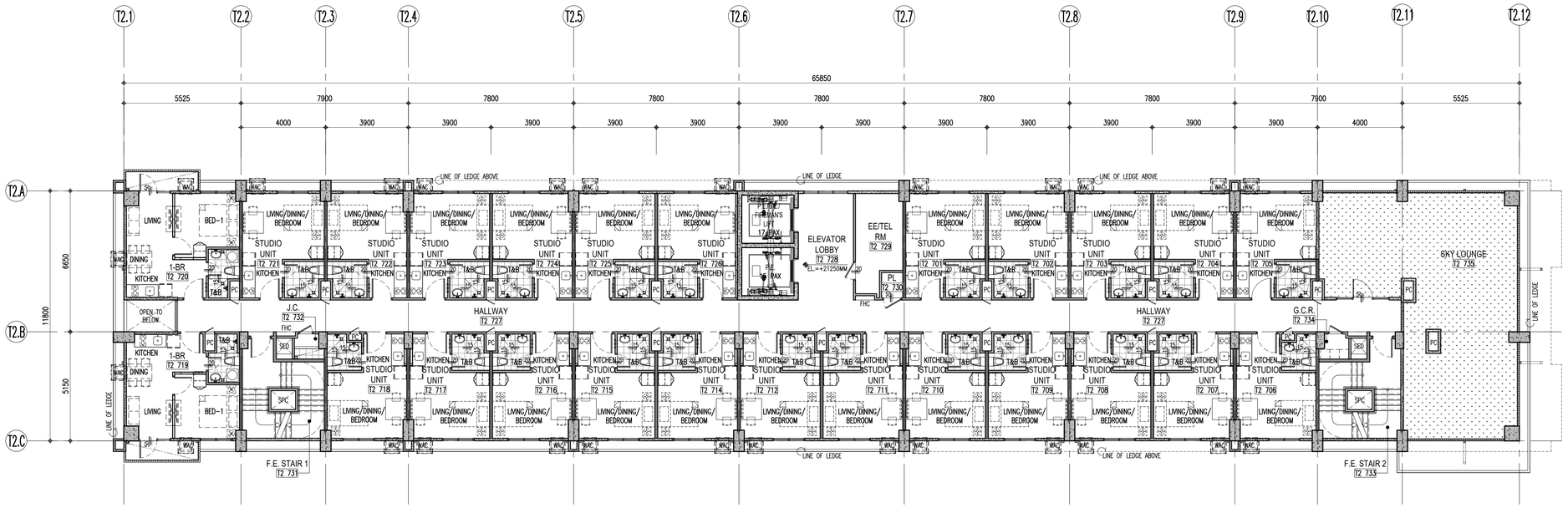
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 2 5TH FLOOR AND 6TH FLOOR PLANS
Drawn by: LPPA Date: 31 AUG 2021
Checked by: LCC/LP Designed by: LPP

Rev.	Date	Description:	By:
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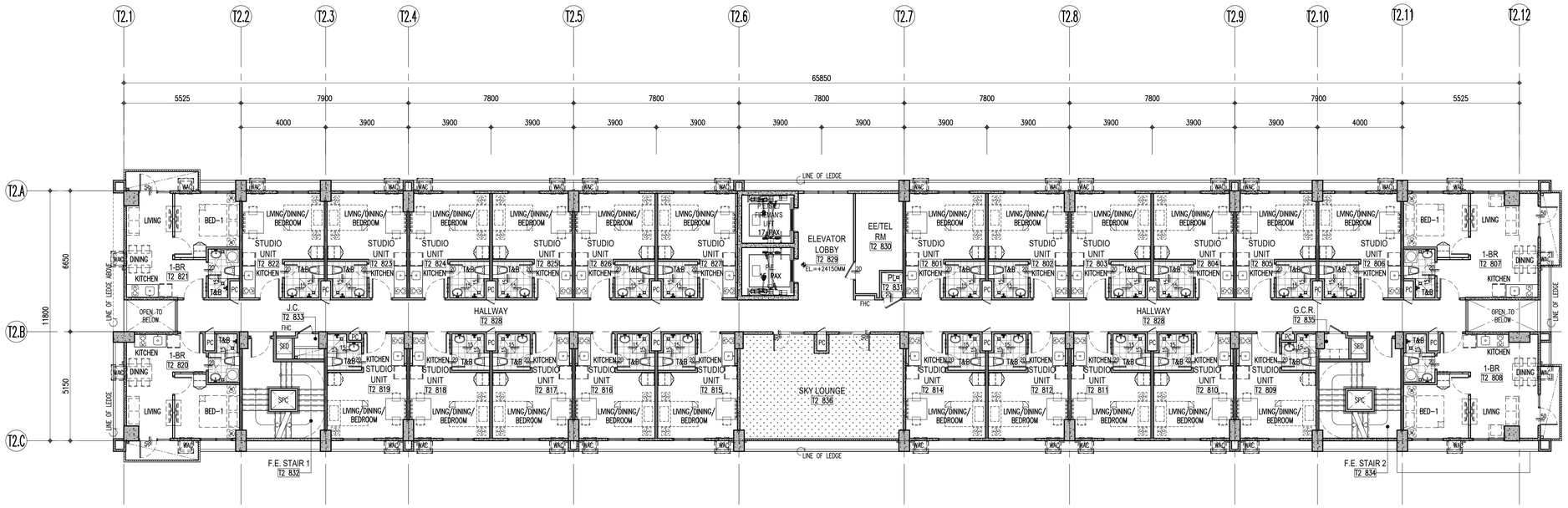
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- ☐ Construction

Sheet No.: A-2.03
Job No.: 20-705
Last Modified: 27 OCT 21



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A–2.04 TOWER 2 7TH FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A–2.04 TOWER 2 8TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
D6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
D6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS ARE TO BE USED FOR CONSTRUCTION ONLY AFTER THE ARCHITECT'S FINAL DESIGN DRAWINGS INCORPORATING ALL THE LATEST REVISIONS, BULLETINS, ADDENDA, CHANGE ORDERS AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, HAVE BEEN ISSUED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 SFRL 100	ZOCALO

NOTE: THIS DRAWING IS DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL CONFIRM ALL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE.

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REG. NO.: PTR NO.:
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Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

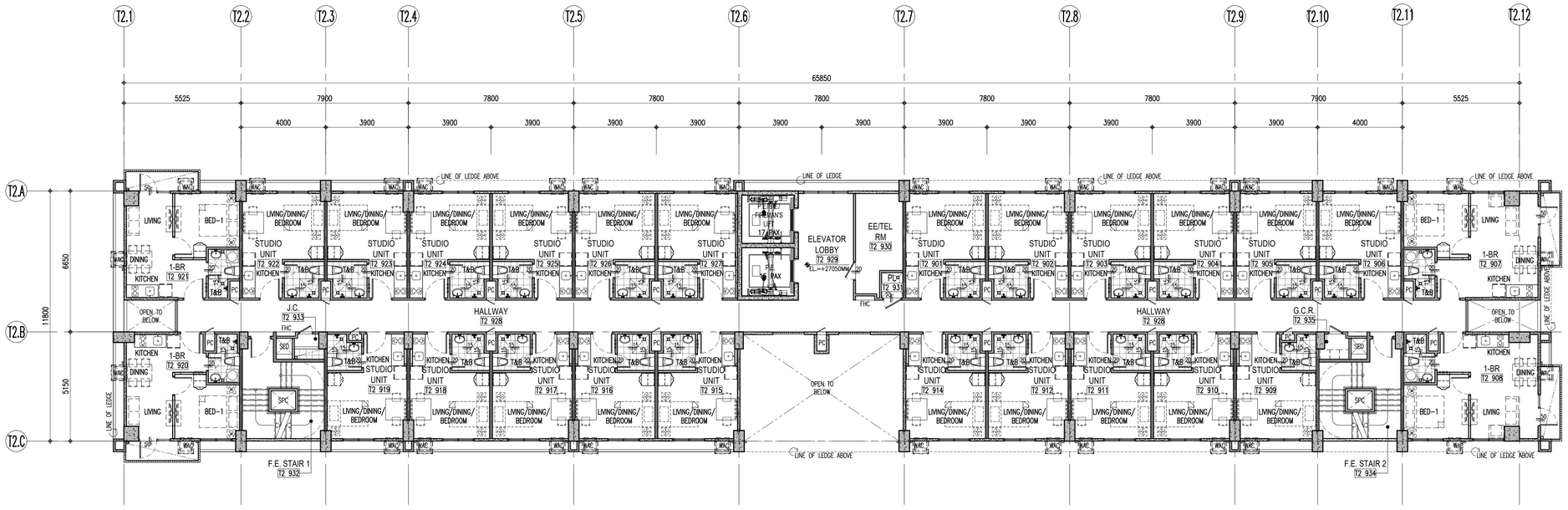
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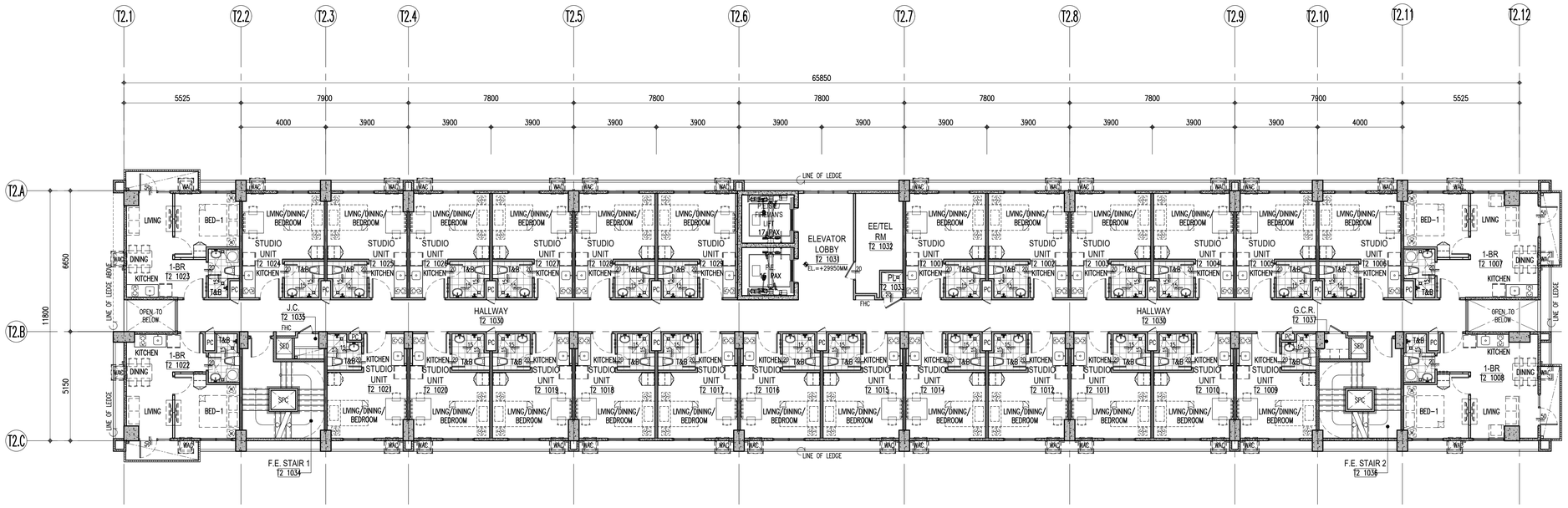
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Sheet No.: A-2.04
Job No.: 20-705
Last Modified: 27 OCT 21



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A–2.05 TOWER 2 9TH FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A–2.05 TOWER 2 10TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
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Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE CONTRACT DOCUMENTS, SPECIFICATIONS AND ALL OTHER CONSULTANTS' DRAWINGS AND SHOP DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION OR FABRICATION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THIS DRAWING IS DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL CONFIRM ALL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION. ELEVATIONS, SECTIONS, DETAILS, REVISIONS, CHANGES SHALL BE CONSIDERED AS FINAL AND RETRIEVED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
100	CHANGE IN ELEVATION TAG
100 (METAL)	ZOCALO

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<DD_MO_YYYY>

LPPA DESIGN GROUP
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

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Engineer:
REG. NO.: PTR NO.:
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Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

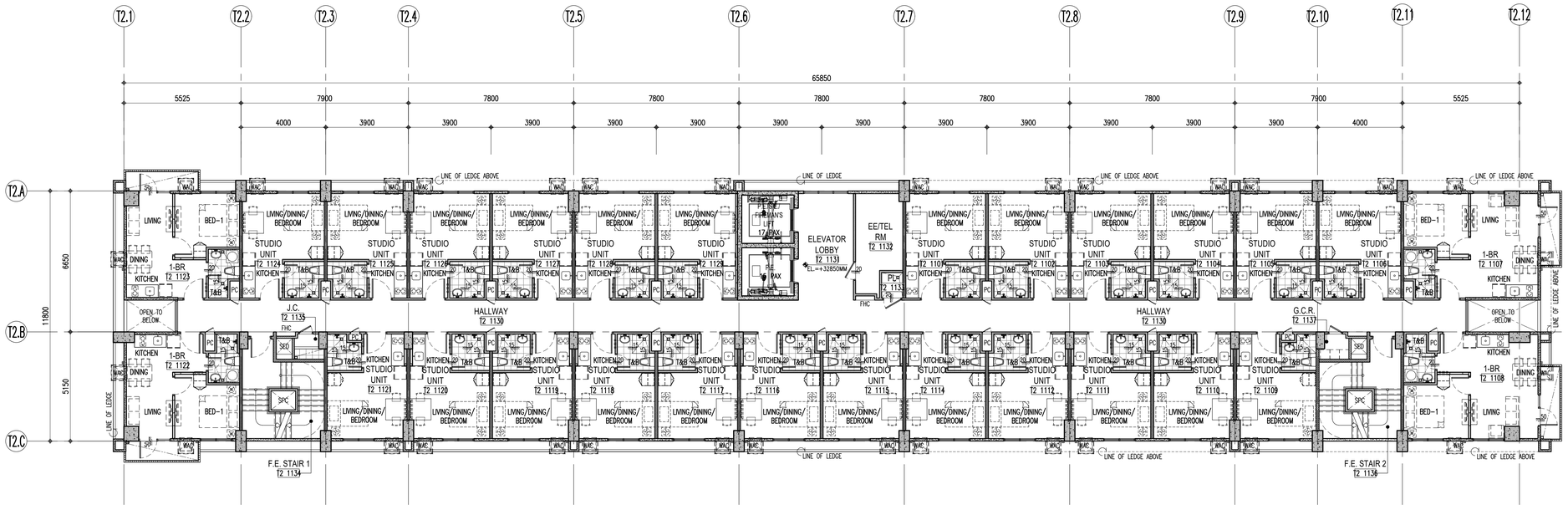
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Sheet Contents: TOWER 2 9TH FLOOR AND 10TH FLOOR PLANS
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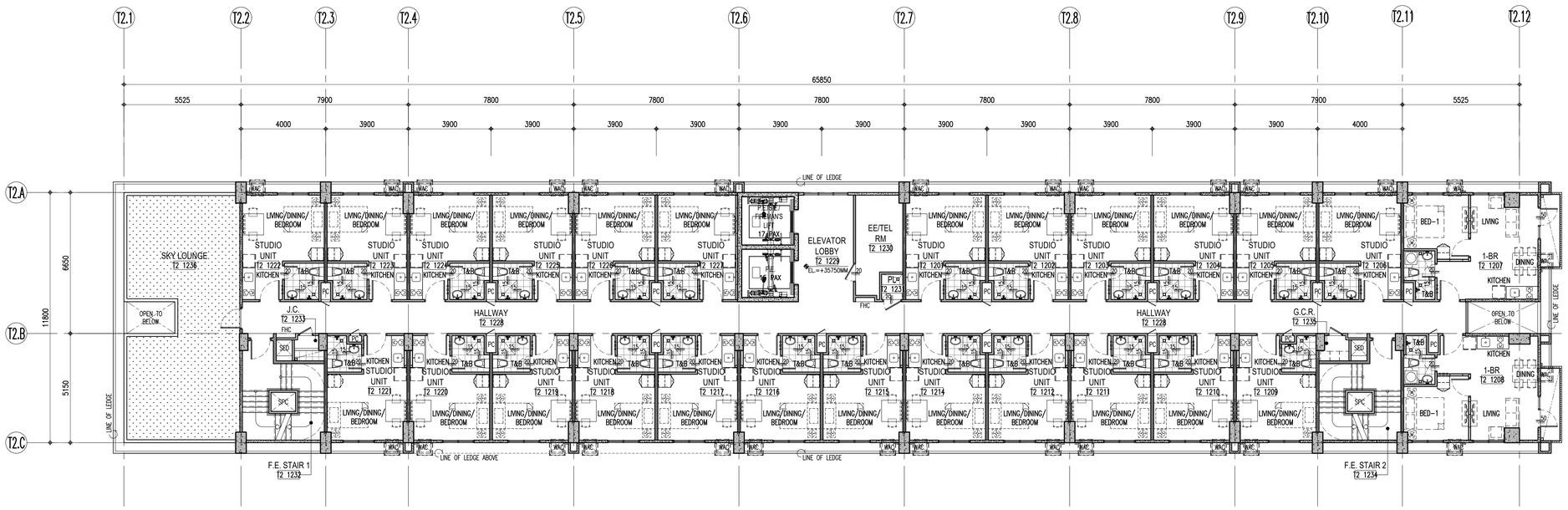
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Sheet No.: A-2.05
Job No.: 20-705
Last Modified: 27 OCT 21



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A–2.06 TOWER 2
11TH FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A–2.06 TOWER 2
12TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
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Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
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C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
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FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
1/100	CHANGE IN ELEVATION TAG
100 / 100	ZOCALO

NOTE: THESE DRAWINGS ARE PREPARED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL CONFIRM ALL DIMENSIONS AT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION. DRAWINGS, BULLETINS, ADDENDA, CHANGES ISSUED DURING THE CONSTRUCTION MEETINGS, AND INTERPRETATIONS, AND RESOLVED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THESE DRAWINGS ARE PREPARED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL CONFIRM ALL DIMENSIONS AT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

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Location: Puerto Princesa, Palawan

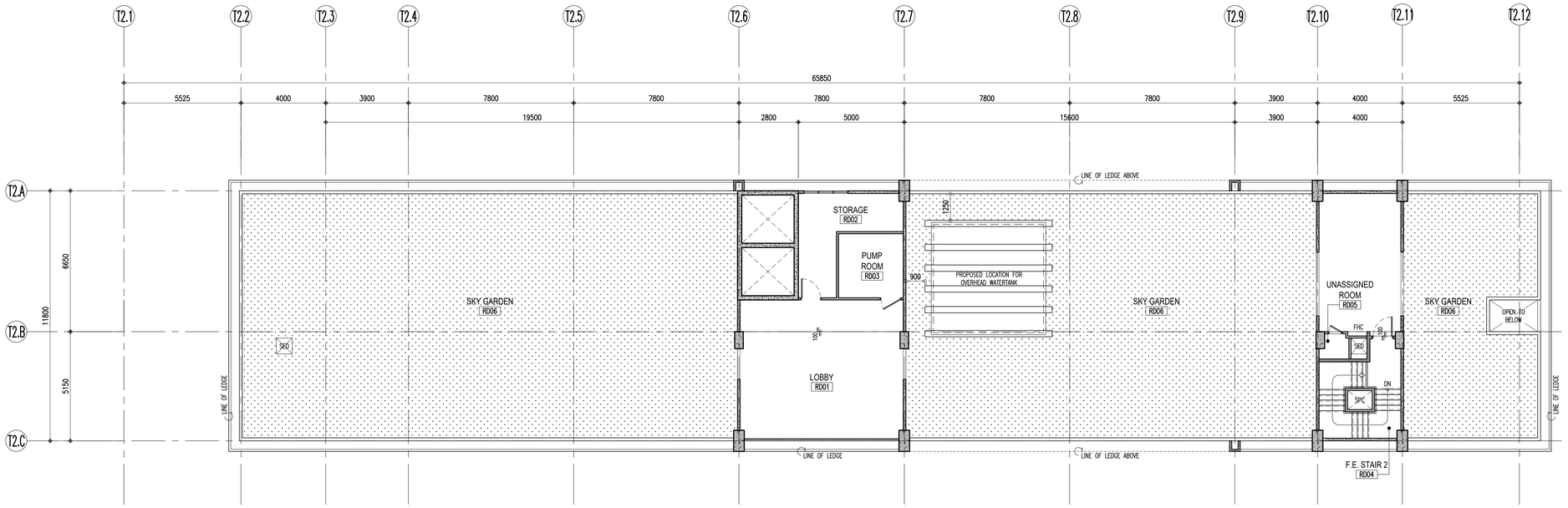
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- ☐ Construction

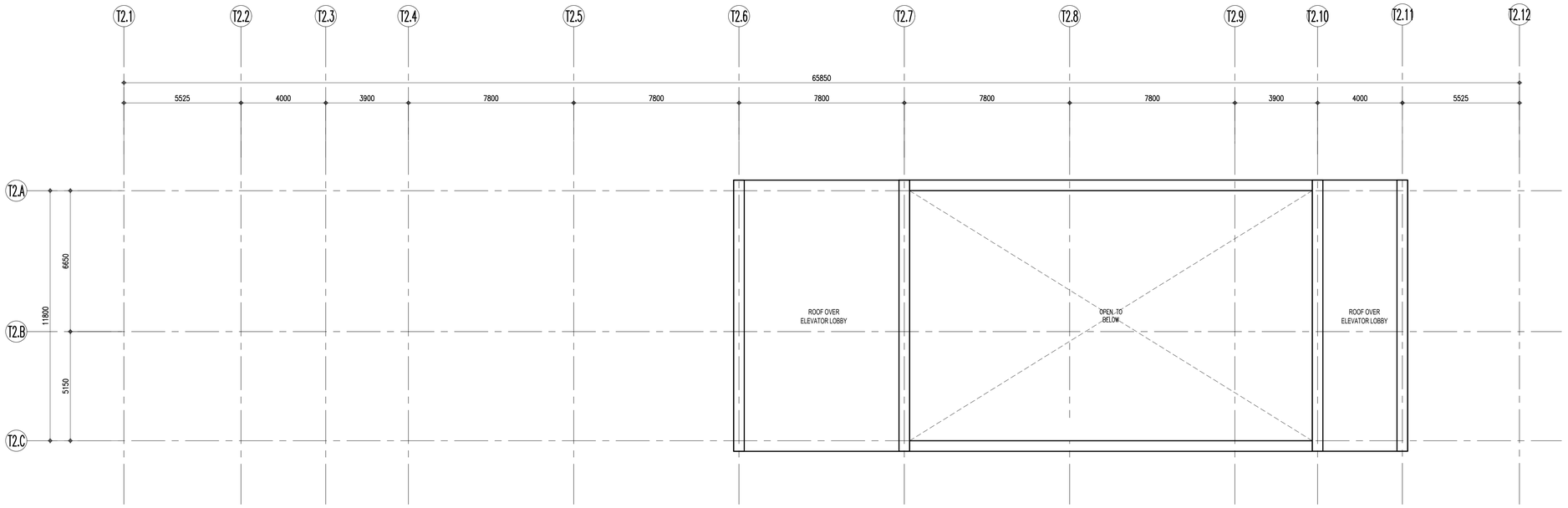
Sheet No.: A-2.06
Job No.: 20-705
Last Modified: 27 OCT 21



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 / A-2.07 TOWER 2 ROOF DECK PLAN

SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 / A-2.07 TOWER 2 ROOF PLAN

SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS SHALL BE USED FOR CONSTRUCTION ONLY IN CONJUNCTION WITH THE ARCHITECTURAL, DESIGN DRAWINGS AND SPECIFICATIONS. ALL THE LATEST REVISIONS, BULLETINS, ADDENDA, CHANGE ORDERS AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
1/100	CHANGE IN ELEVATION TAG
100mm 100	ZOCALO

NOTE: THESE DRAWINGS SHALL BE USED FOR CONSTRUCTION ONLY IN CONJUNCTION WITH THE ARCHITECTURAL, DESIGN DRAWINGS AND SPECIFICATIONS. ALL DIMENSIONS MUST BE VERIFIED ON PROJECT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THIS DRAWING IS DERIVED FROM AVAILABLE INFORMATION. VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DO NOT SCALE THIS DRAWING, VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

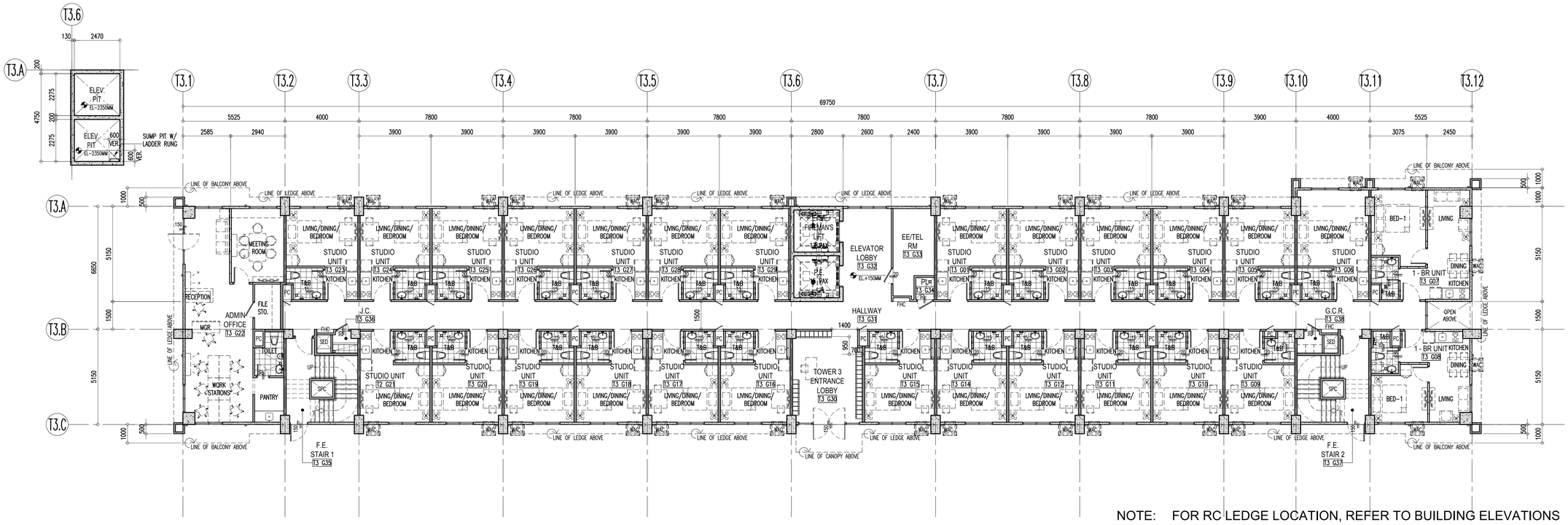
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 2 ROOF DECK AND ROOF PLAN
Drawn by: LPPA Date: 31 AUG 2021
Checked by: LCC/LP Designed by: LPP

Rev.	Date	Description:	By:
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2			
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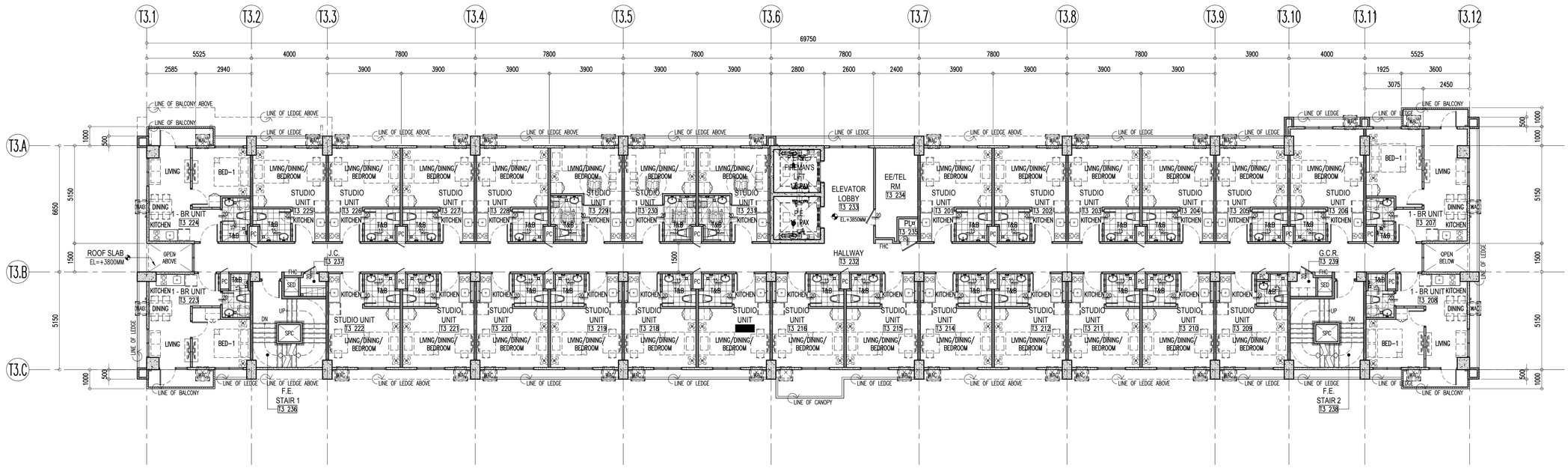
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- ☐ HLURB
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- ☐ Construction

Sheet No.: A-2.07
Job No.: 20-705
Last Modified: 27 OCT 21



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.01-T3 — TOWER 3
GROUND FLOOR PLAN & ELEV. PIT PLAN
SCALE: 1:100 MTS.



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A-2.01-T3 — TOWER 3
2ND FLOOR PLAN
SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110		110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105		105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115		115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120		120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110		110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110		110MM THK WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150		150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145		145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155		155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160		160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150		150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150		150MM THK WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES.		REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES.		REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES.		REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES.		REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105		105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135		135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130		130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110		110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93		93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 / 100	ZOCALO

NOTE: THESE DRAWINGS ARE DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL CONFIRM ALL DIMENSIONS AT THE SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THESE DRAWINGS DESIGNED FOR CONSTRUCTION BY THE PROTECTION, DESIGN DRAWINGS INCORPORATING ALL THE LATEST ARCHITECTURAL, BUILDING, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

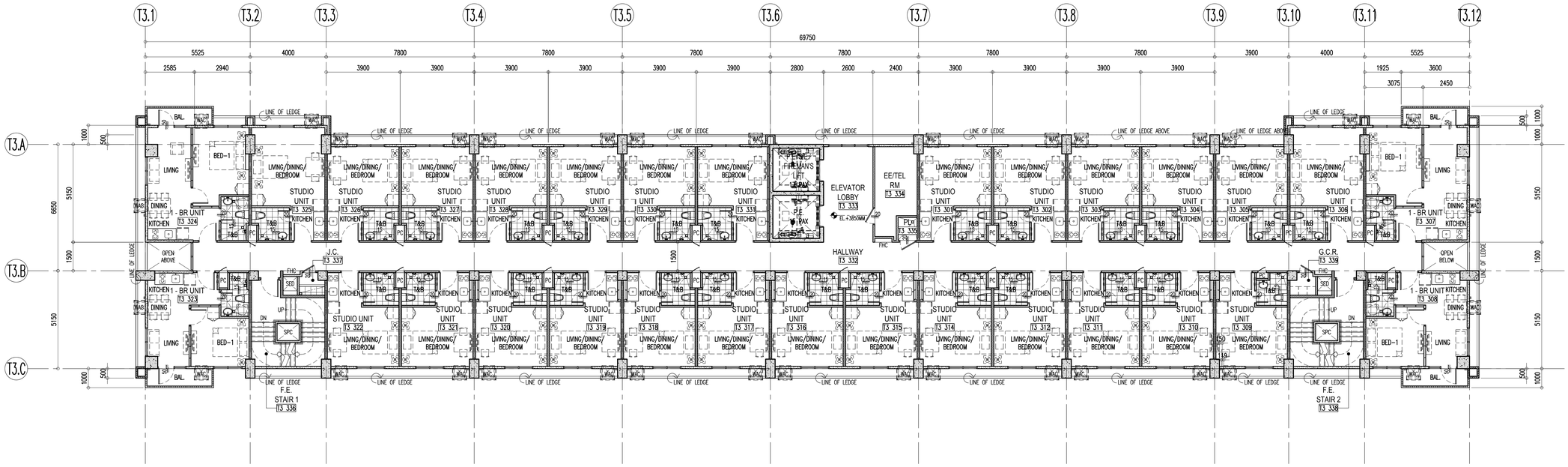
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 3 GROUND FLOOR PLAN, ELEVATOR PIT PLAN & 2ND FLOOR PLAN
Drawn by: --- Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
3			
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5			
6			

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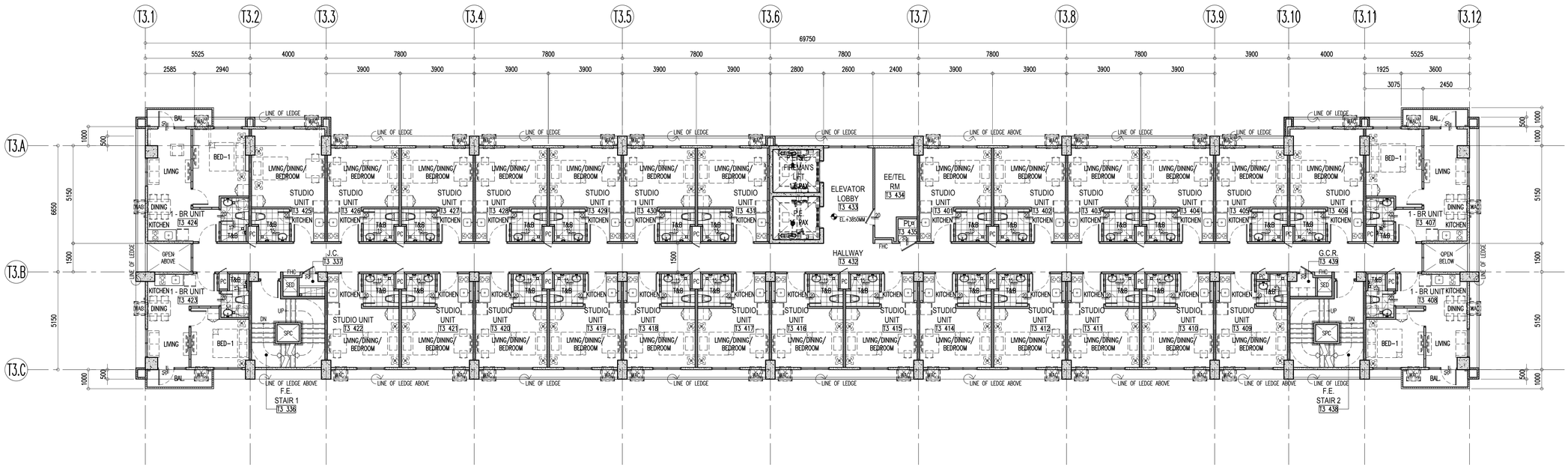
Sheet No.: A-2.01-T3
Job No.: 20-705
Last Modified: 26 OCT. 2021



1 A-2.02-T3

TOWER 3
3RD FLOOR PLAN

SCALE: 1:100 MTS.



2 A-2.02-T3

TOWER 3
4TH FLOOR PLAN

SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES.	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES.	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES.	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES.	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
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NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 / 100	ZOCALO

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NOTE: THE DRAWINGS DESIGNED FOR CONSTRUCTION AT THE PROTECTIVE DESIGNS DRAWINGS INCORPORATING ALL THE LATEST REVISIONS, BULLETINS, ADDENDA, CHANGES, ETC. AS SHOWN IN CONSTRUCTION DOCUMENTS. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE BEFORE PROCEEDING WITH SITE IMPLEMENTATION. ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

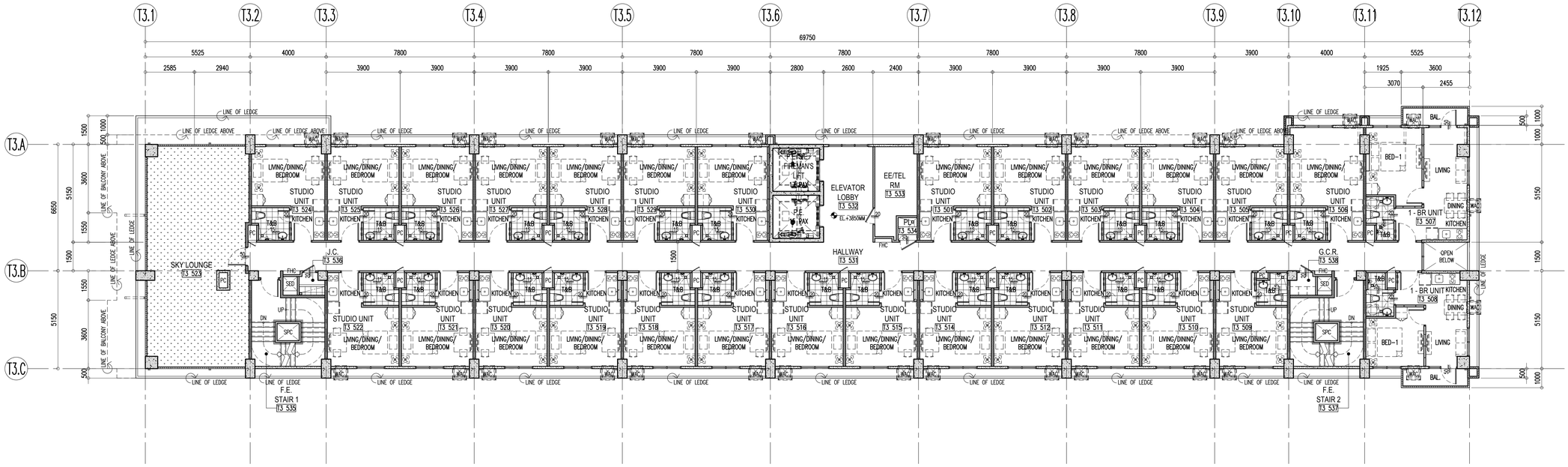
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 3 3RD FLOOR PLAN & 4TH FLOOR PLAN
Drawn by: --- Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
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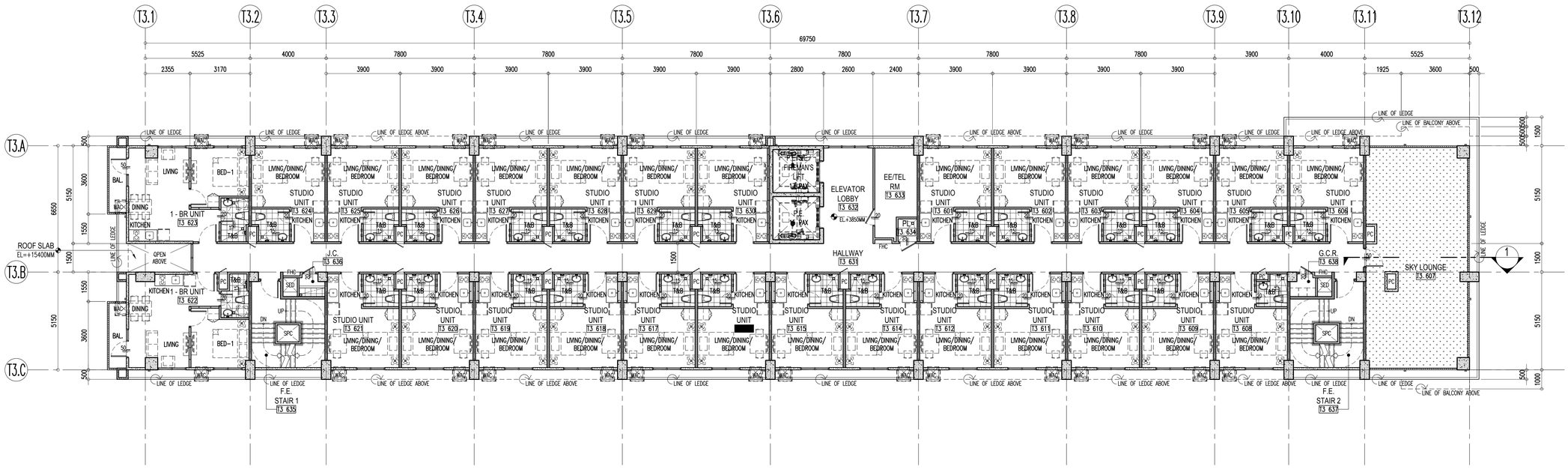
Sheet No.: A-2.02-T3
Job No.: 20-705
Last Modified: 26 OCT. 2021



1 A-2.03-T3

TOWER 3
5TH FLOOR PLAN

SCALE: 1:200 MTS.



2 A-2.03-T3

TOWER 3
6TH FLOOR PLAN

SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
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Building Official: Date:

WALL LEGEND

C1	110		110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105		105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115		115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120		120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110		110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110		110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150		150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145		145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155		155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160		160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150		150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150		150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES.		REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES.		REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES.		REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES.		REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105		105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135		135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130		130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110		110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93		93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 / 100 MTRS	ZOCALO

NOTE: THIS DRAWING IS USED FOR CONSTRUCTION AFTER THE ARCHITECTURAL DESIGN DRAWINGS INCORPORATING ALL THE LATEST REVISIONS, BULLETINS, ADDENDA, CHANGE ORDERS AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND HAS BEEN REVIEWED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNLESS ALL DIMENSIONS HAVE BEEN VERIFIED BY THE CONTRACTOR PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE. PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION, DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 | PTR NO.: 0730889
DATE: JAN. 07, 2021 | PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: | PTR NO.:
DATE: | PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

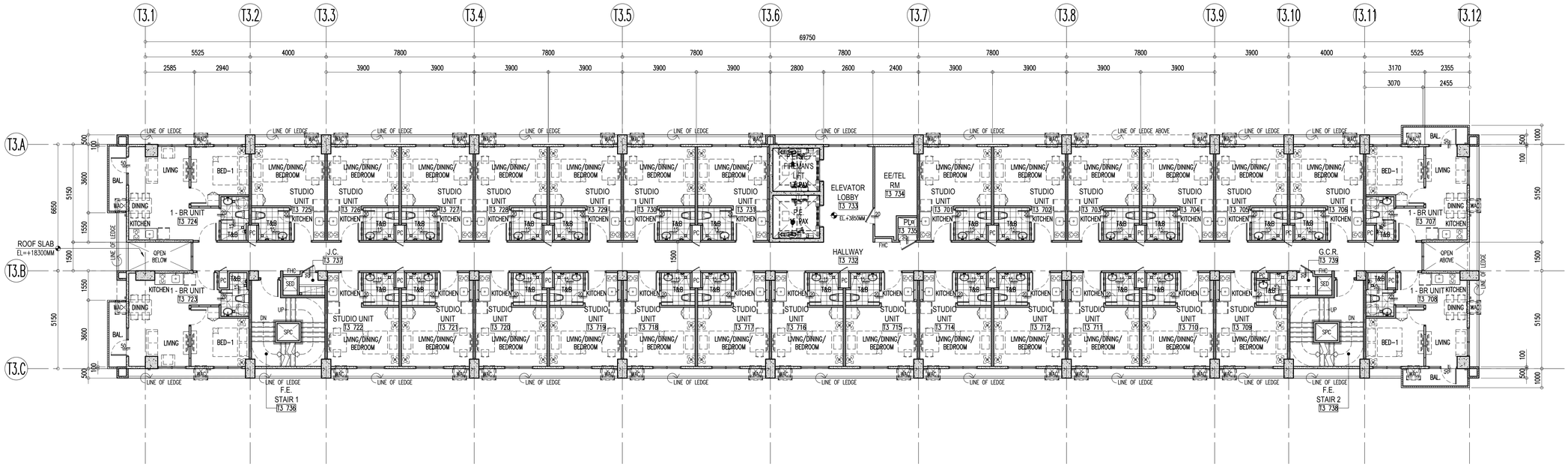
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 3 5TH FLOOR PLAN & 6TH FLOOR PLAN
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Checked by: LCC | Designed by: LPP

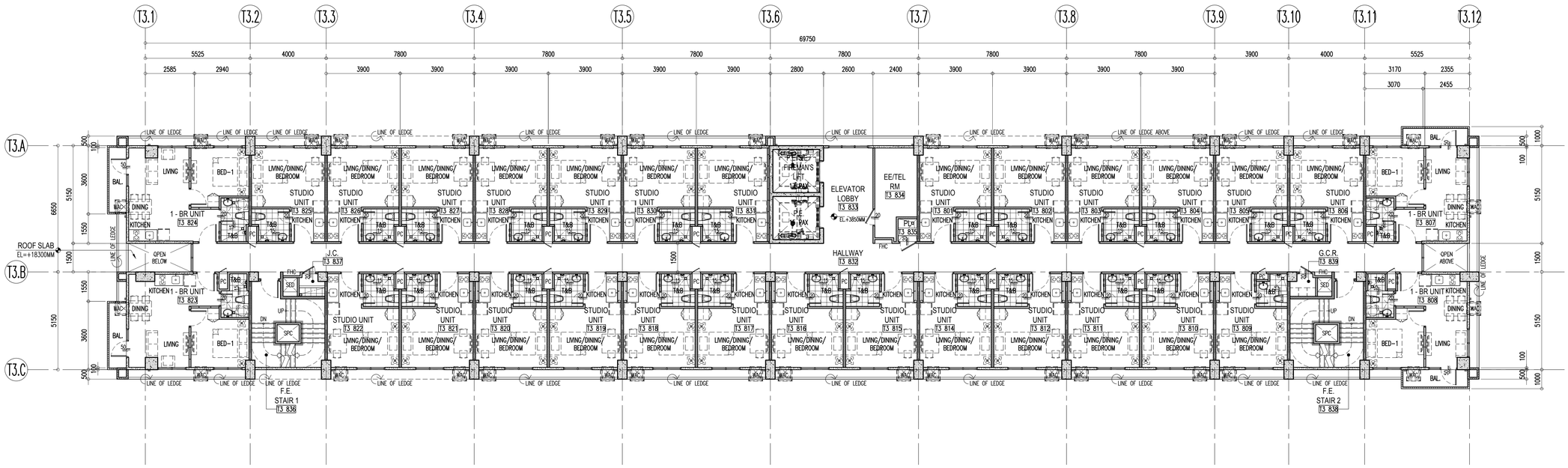
Rev.	Date	Description:	By:

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.03-T3
Job No.: 20-705
Last Modified: 26 OCT. 2021



1 A-2.04-T3 — TOWER 3 7TH FLOOR PLAN
SCALE: 1:100 MTS.



2 A-2.04-T3 — TOWER 3 8TH FLOOR PLAN
SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
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C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

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   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 x 100	ZOCALO

NOTE: THIS DRAWING HAS BEEN PREPARED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL CHECK ALL DIMENSIONS AT SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE.

NOTE: THESE DRAWINGS DESIGNED FOR CONSTRUCTION AND THE ARCHITECTURAL DESIGN DRAWINGS IMPLEMENTING THE LATEST ARCHITECTURAL BUILDING, BUILDING ENGINEERING, BUILDING SERVICES, BUILDING CONSTRUCTION AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 | PTR NO.: 0730889
DATE: JAN. 07, 2021 | PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: | PTR NO.:
DATE: | PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

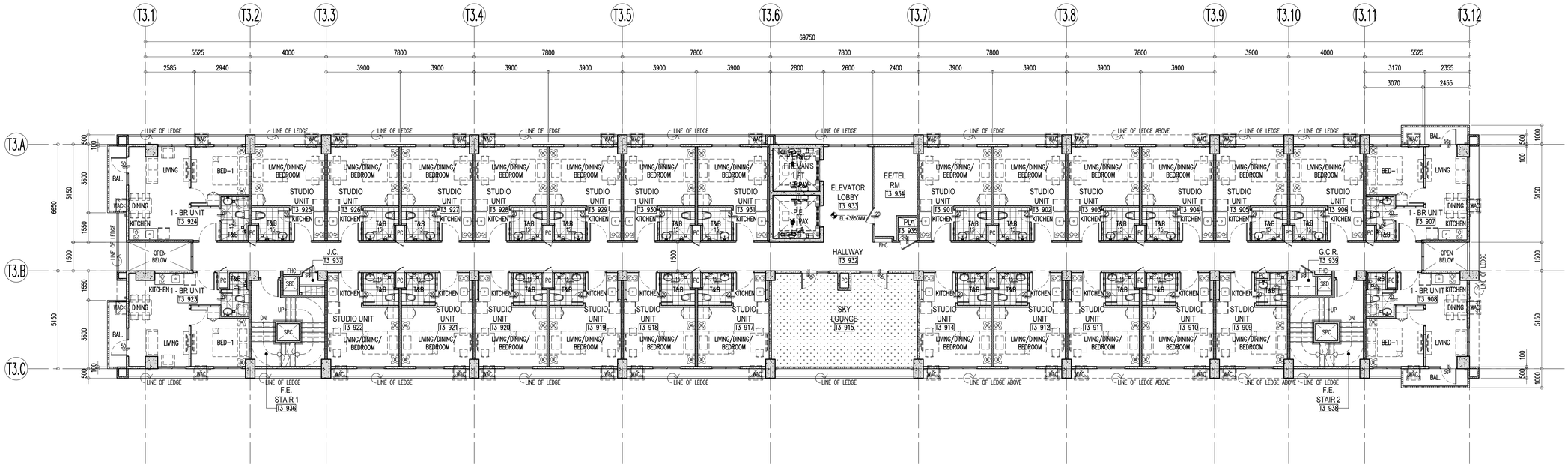
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 3 7TH FLOOR PLAN & 8TH FLOOR PLAN
Drawn by: --- | Date: 26 OCT. 2021
Checked by: LCC | Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
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- ☐ PALC
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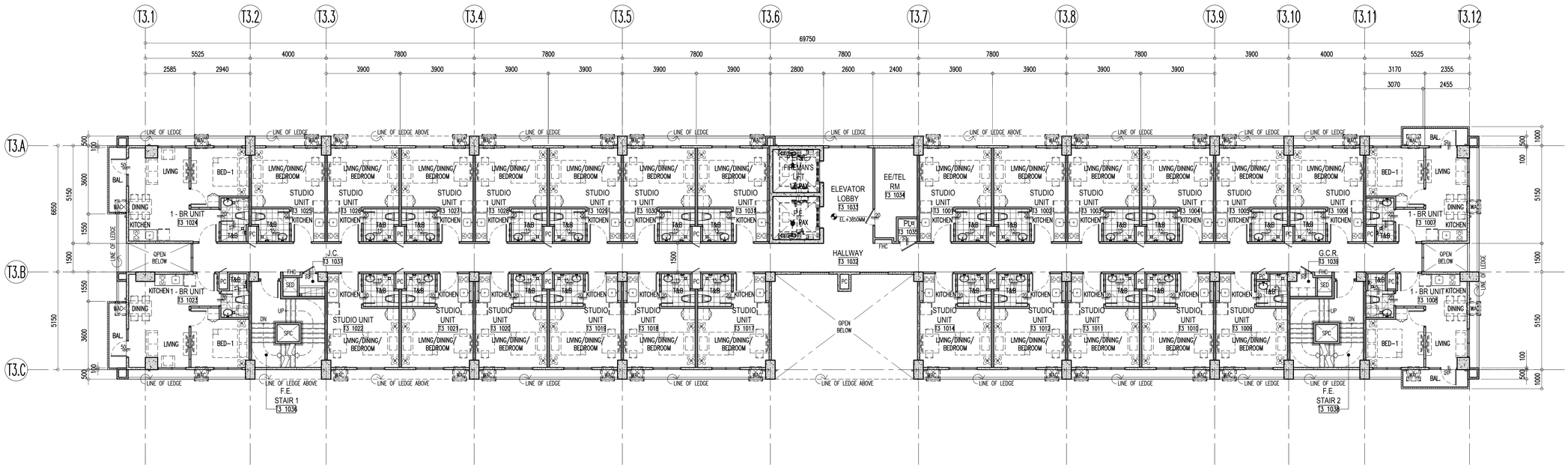
Sheet No.: A-2.04-T3
Job No.: 20-705
Last Modified: 26 OCT. 2021



1 A-2.05-T3

TOWER 3
9TH FLOOR PLAN

SCALE: 1:100 MTS.



2 A-2.05-T3

TOWER 3
10TH FLOOR PLAN

SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 / 100 SPEC	ZOCALO

NOTE: THIS DRAWING IS USED FOR CONSTRUCTION AFTER THE ARCHITECTURAL DESIGN DRAWINGS IMPLEMENTED IN THE LATEST BUILDING PERMIT. DESIGN DRAWINGS INCORPORATING ALL THE LATEST BUILDING PERMIT CHANGES, ADDENDA, CHANGE ORDERS, ETC. ARE TO BE PREPARED BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THESE DRAWINGS ARE DIAGRAMMATIC AND ARE TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DESIGN DRAWINGS AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: DO NOT SCALE THIS DRAWING, VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266
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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PUERTO
Location: Puerto Princesa, Palawan

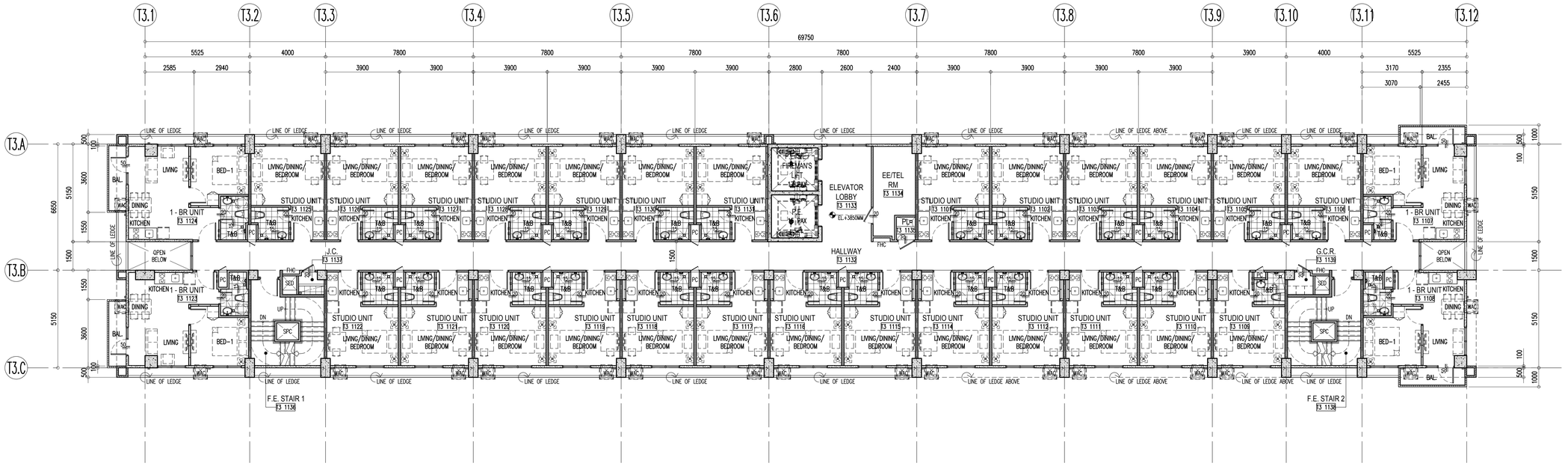
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 3 9TH FLOOR PLAN & 10TH FLOOR PLAN
Drawn by: --- Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

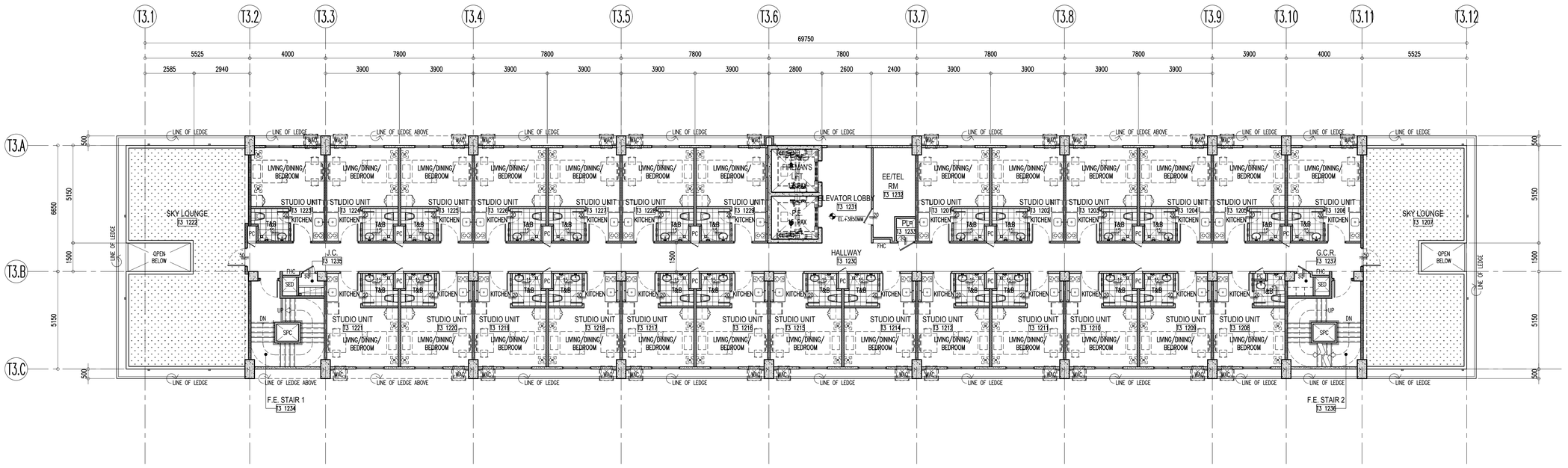
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Sheet No.: A-2.05-T3
Job No.: 20-705
Last Modified: 26 OCT. 2021



1 A-2.06-T3 — TOWER 3
11TH FLOOR PLAN
SCALE: 1:100 MTS.



2 A-2.06-T3 — TOWER 3
12TH FLOOR PLAN
SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES.	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES.	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
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C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
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C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 x 100 mm	ZOCALO

NOTE: THIS DRAWING IS DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL CONFIRM ALL DIMENSIONS AT SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THESE DRAWINGS ARE FOR CONSTRUCTION AND THE ARCHITECTURAL DESIGN DRAWINGS IMPLEMENTED IN THE LATEST REVISIONS, BULLETINS, ADDENDUM, CHANGE ORDERS, ETC. SHALL BE USED AS THE REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

THESE DRAWINGS SHOULD BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DESIGN DRAWINGS, SPECIFICATIONS, ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE

LPPA DESIGN GROUP
Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 | PTR NO.: 0730889
DATE: JAN. 07, 2021 | PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: | PTR NO.:
DATE: | PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

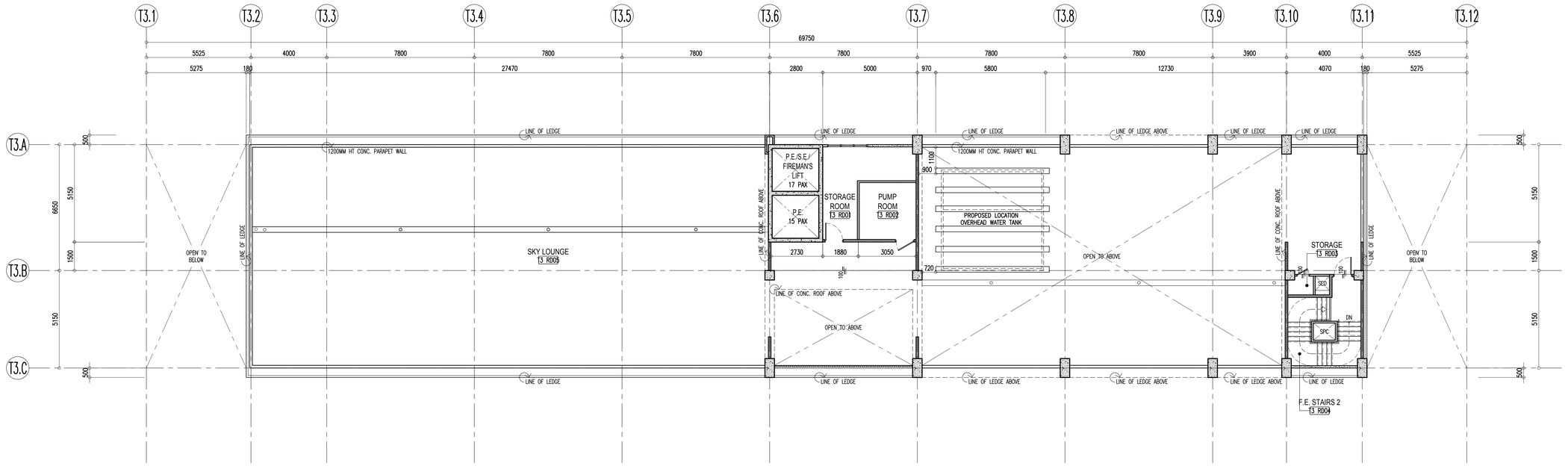
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 3 — 11TH FLOOR PLAN & 12TH FLOOR PLAN
Drawn by: --- | Date: 26 OCT. 2021
Checked by: LCC | Designed by: LPP

Rev.	Date	Description:	By:
△			
△			
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Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
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- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

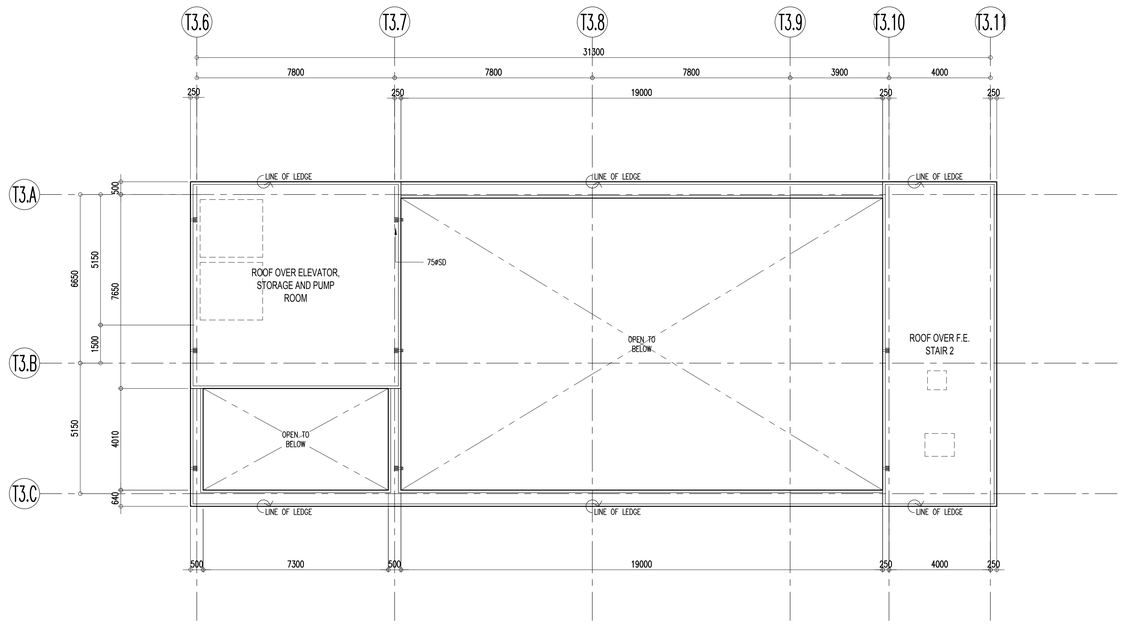
Sheet No.: A-2.06-T3
Job No.: 20-705
Last Modified: 26 OCT. 2021



1 A-2.07-T3

TOWER 3
ROOF DECK PLAN

SCALE: 1:100 MTS.



2 A-2.07-T3

TOWER 3
ROOF PLAN

SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

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   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 SETBACK 100	ZOCALO

NOTE: THESE DRAWINGS ARE DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AS PART OF VERIFICATION PRIOR TO STARTING CONSTRUCTION OR FABRICATION.
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

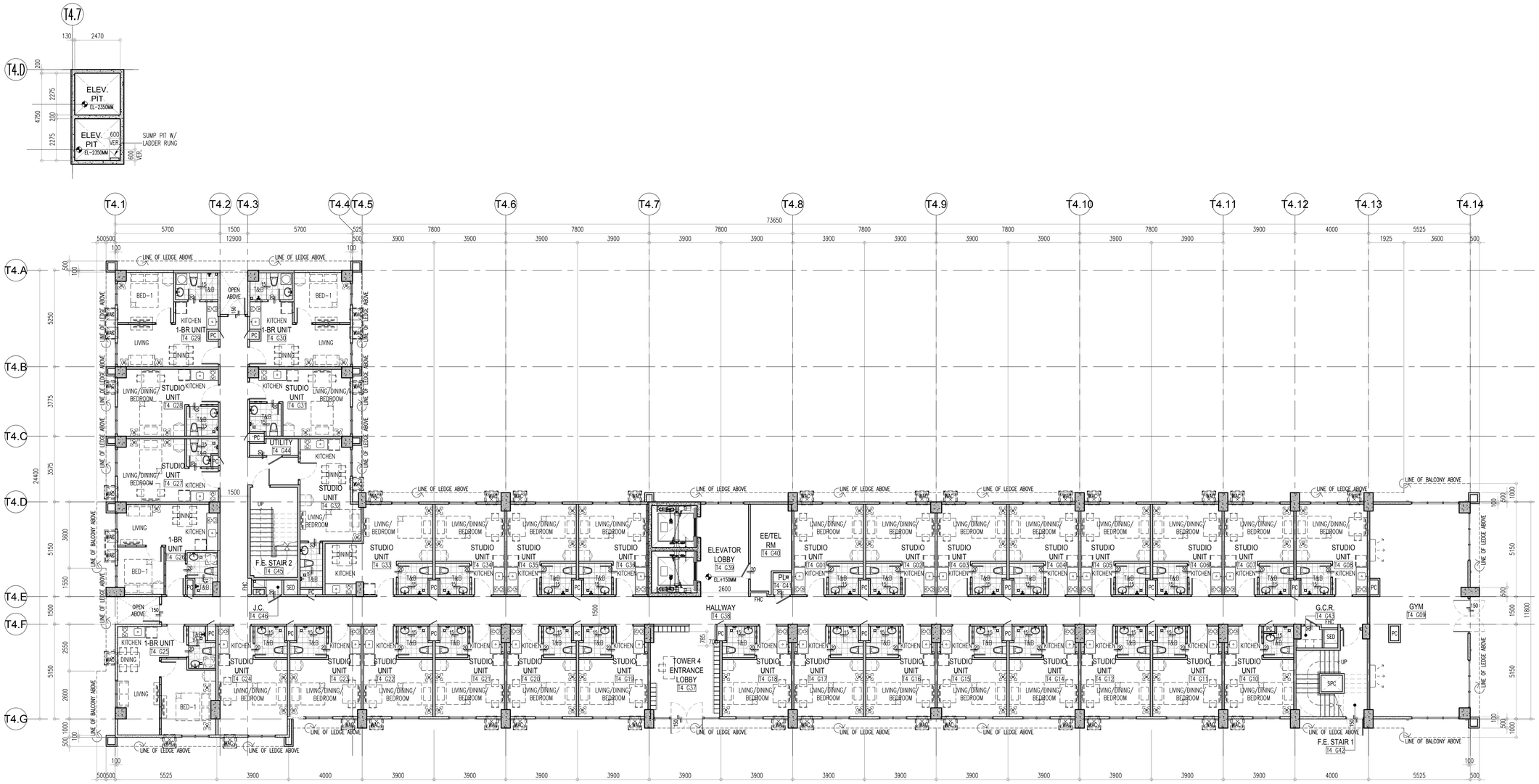
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Sheet Contents: TOWER 3 ROOF DECK PLAN & ROOF PLAN
Drawn by: ---- Date: 26 OCT. 2021
Checked by: LCC/LPP Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
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Sheet No.: A-2.07-T3
Job No.: 20-705
Last Modified: 26 OCT. 2021



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.01 T4

TOWER 4
GROUND FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

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WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
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C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
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FIRE RATING SPECIFICATION FOR MASONRY WALLS

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   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
100	CHANGE IN ELEVATION TAG
100 (100 MIN.)	ZOCALO

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Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
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Architect: LEO P. PARIÑAS		R.A. 9266	
REG. NO.: 9646	PTR NO.: 0730889		
DATE: JAN. 07, 2021	PLACE: QUEZON CITY		

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Engineer:			
REG. NO.:	PTR NO.:		
DATE:	PLACE:		

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 4 GROUND FLOOR PLAN

Drawn by: KC/AA/DM	Date:
Checked by:	Designed by: LPP

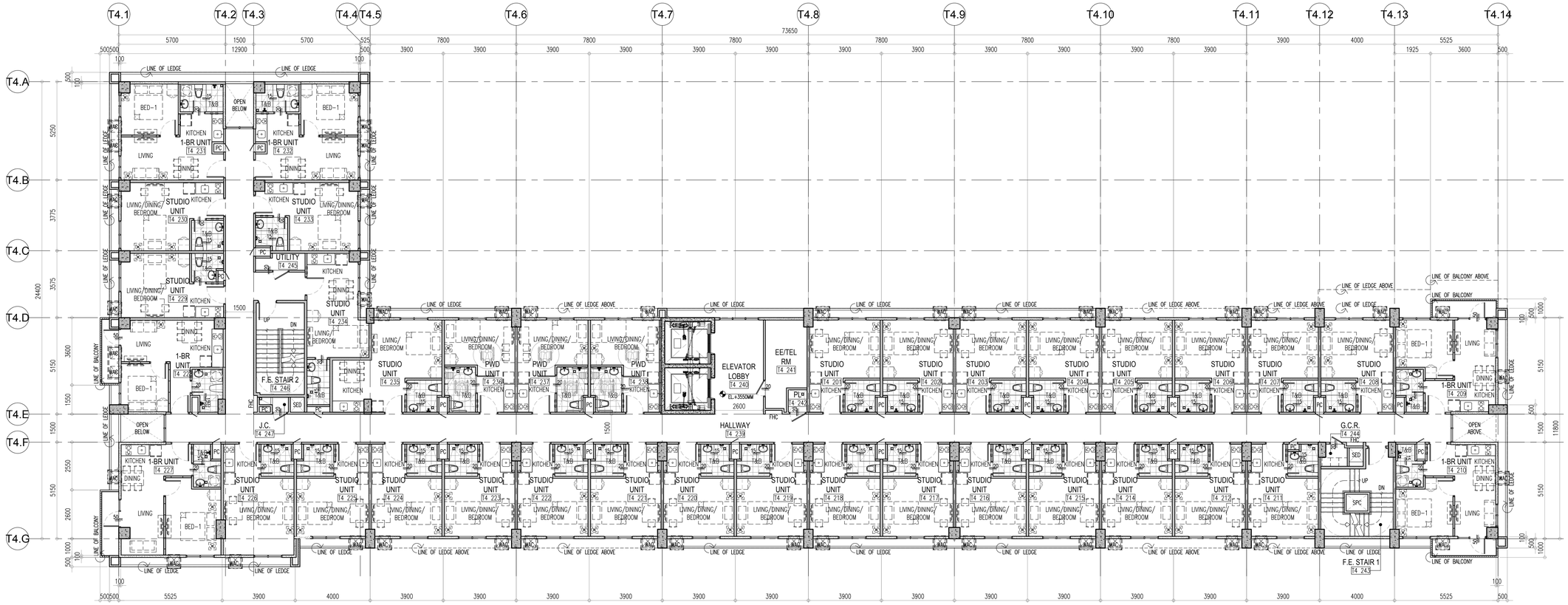
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- ☐ CAAP Clearance
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- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.01 T4

Job No.: 20-705

Last Modified:



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

1 / A-2.02 T4 — TOWER 4
2ND FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
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C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
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NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
±100	CHANGE IN ELEVATION TAG
100 / 100	ZOCALO

NOTE: THIS DRAWING HAS BEEN MADE FROM AVAILABLE INFORMATION, HOWEVER ALL DIMENSIONS MUST BE VERIFIED ON PROJECT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE REPORTED IMMEDIATELY TO THE ARCHITECT / CONSULTANT

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REG. NO.: 9646 PTR NO.: 0730889
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Engineer:
REG. NO.: PTR NO.:
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Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

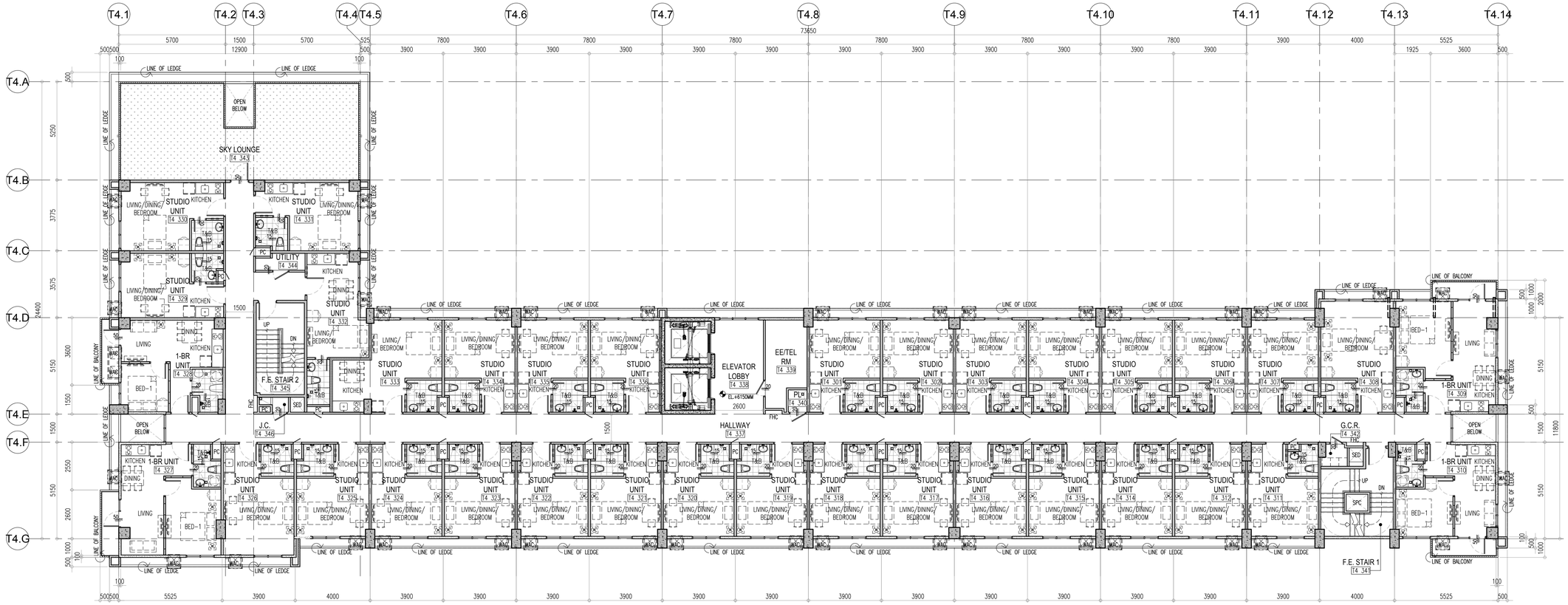
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 4 2ND FLOOR PLAN
Drawn by: KC/AA/DM Date:
Checked by: Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
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Sheet No.: A-2.02 T4
Job No.: 20-705
Last Modified:



NORTH

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 / A-2.03 T4 — TOWER 4
3RD FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

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Approved by:

Building Official: Date:

NOTE: THIS DRAWING HAS BEEN MADE FROM AVAILABLE INFORMATION, HOWEVER ALL DIMENSIONS MUST BE VERIFIED ON PROJECT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES FOUND AND OTHER HARDSHIPS TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED TO BE RESOLVED IMMEDIATELY TO THE ARCHITECT / CONSULTANT

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
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C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
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NOTE: THESE DRAWINGS ISSUED FOR CONSTRUCTION ARE THE ARCHITECT'S FINAL DESIGN DRAWINGS INCORPORATING ALL THE LATEST REVISIONS DESIGN DEVELOPMENTS ADDED AND OTHER HARDSHIPS TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED TO BE FINAL

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
100	CHANGE IN ELEVATION TAG
100 (SCALE)	ZOCALO

LPPA DESIGN GROUP — Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
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Architect: LEO P. PARIÑAS		R.A. 9266	
REG. NO.: 9646	PTR NO.: 0730889		
DATE: JAN. 07, 2021	PLACE: QUEZON CITY		

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Engineer:			
REG. NO.:	PTR NO.:		
DATE:	PLACE:		

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

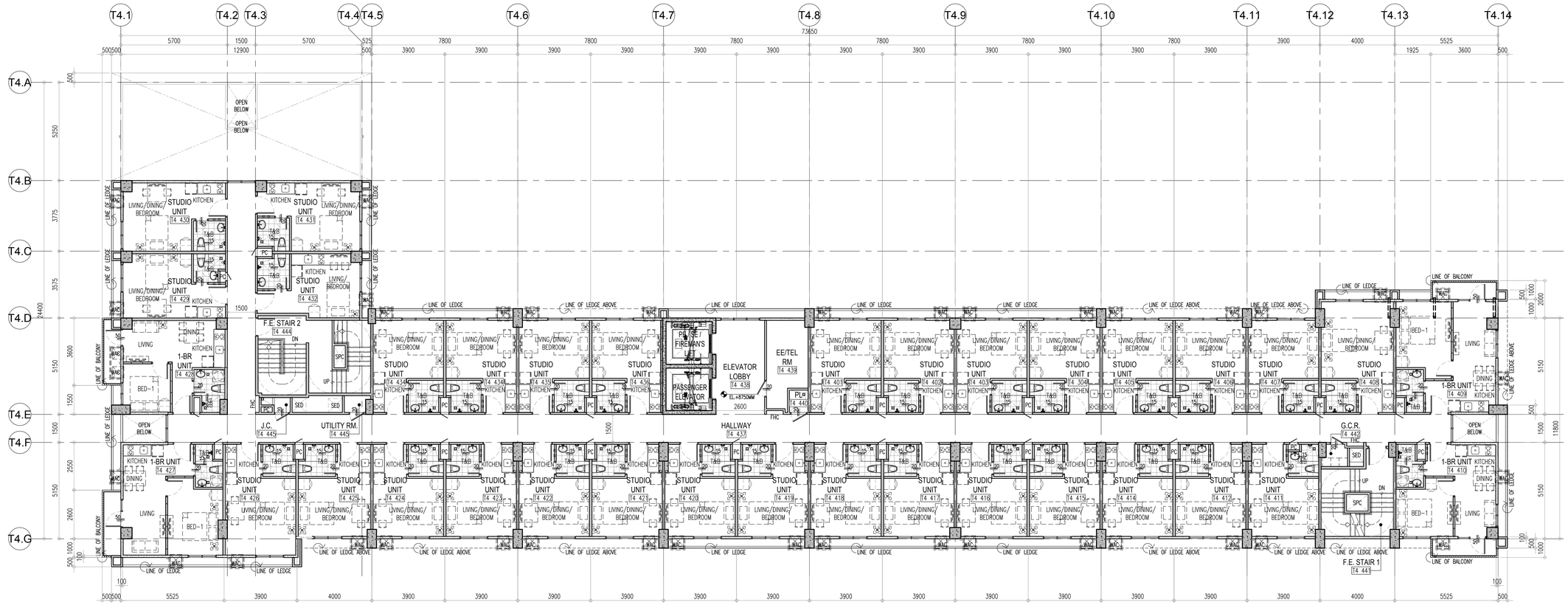
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 4 3RD FLOOR PLAN

Drawn by: KC/AA/DM	Date:	Rev.	Date	Description:	By:	
Checked by:	Designed by: LPP					

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.03 T4
Job No.: 20-705
Last Modified:



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

1 / A-2.04 T4 — TOWER 4
4TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

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   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

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100 (SCALE)	ZOCALO

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

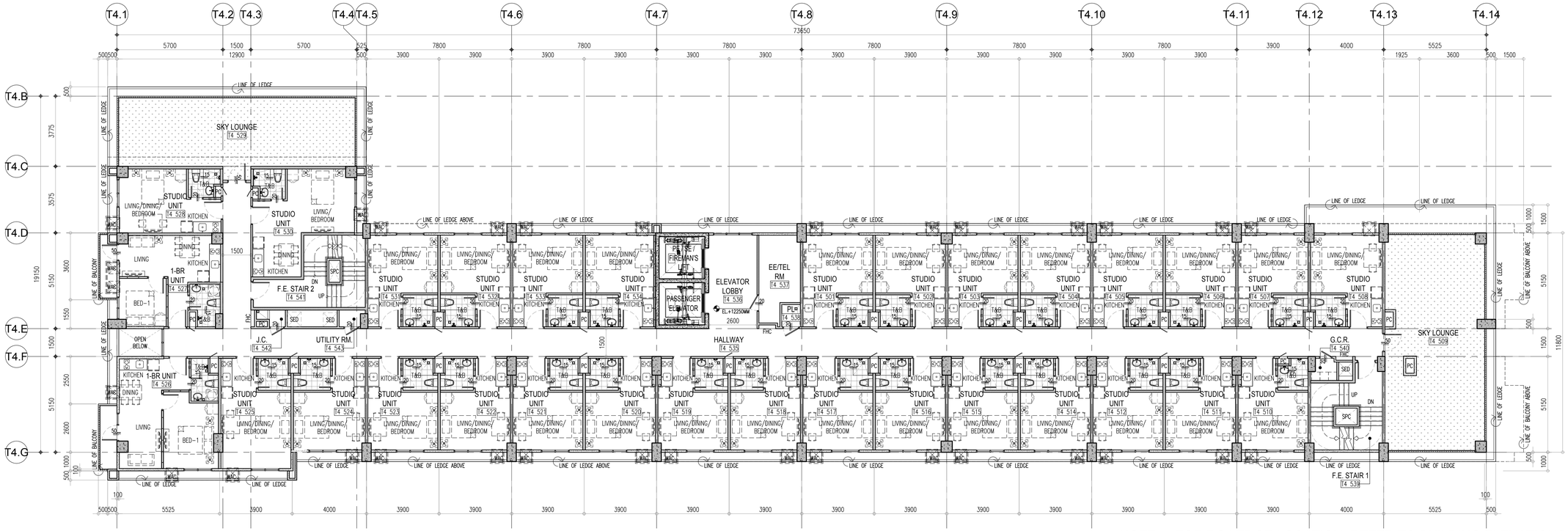
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 4 4TH FLOOR PLAN
Drawn by: KC/AA/DM Date:
Checked by: Designed by: LPP

Rev.	Date	Description:	By:

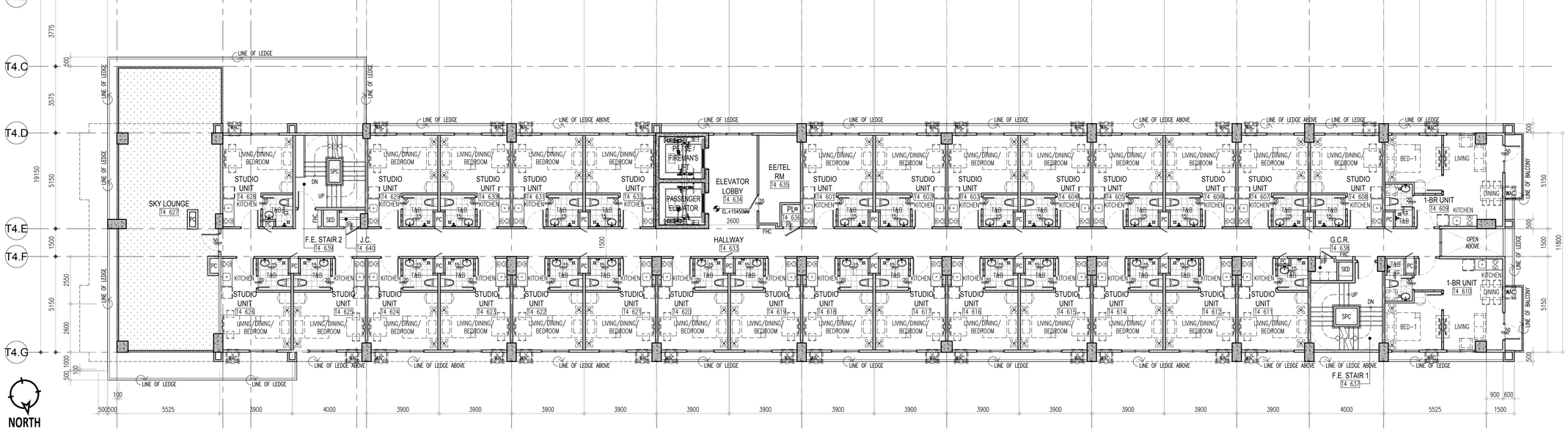
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- [ ] CAAP Clearance
- [ ] PALC
- [ ] HLURB
- [ ] ECC
- [ ] Design Development
- [ ] Building Permit
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- [ ] Construction

Sheet No.: A-2.04 T4
Job No.: 20-705
Last Modified:



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.05 T4 — TOWER 4 5TH FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A-2.05 T4 — TOWER 4 6TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
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C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
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NOTE: THESE DRAWINGS ISSUED FOR CONSTRUCTION ARE THE ARCHITECT'S FINAL DESIGN DRAWINGS INCORPORATING ALL THE LATEST REVISIONS, BULLETINS, ADDENDUM, CHANGES RESULTING FROM VALUE ENGINEERING PROCESS AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN BASIS FOR THE CONTRACTOR WHEN TO SET UP IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
100	CHANGE IN ELEVATION TAG
100 100	ZOCALO

NOTE: DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE REPORTED IMMEDIATELY TO THE ARCHITECT / CONSULTANT

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Architecture Planning Design
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

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www.lppadesign.com.ph

Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

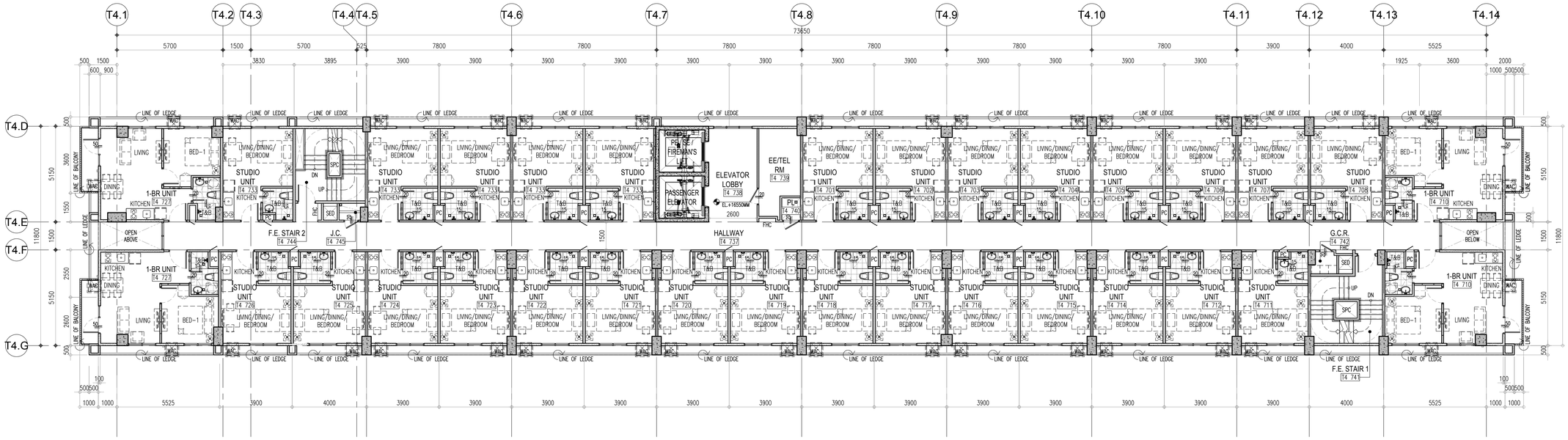
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 4 5TH FLOOR PLAN AND 6TH FLOOR PLAN
Drawn by: KC/AA/DM Date:
Checked by: Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
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- ☐ Design Development
- ☐ Building Permit
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Sheet No.: A-2.05 T4
Job No.: 20-705
Last Modified:

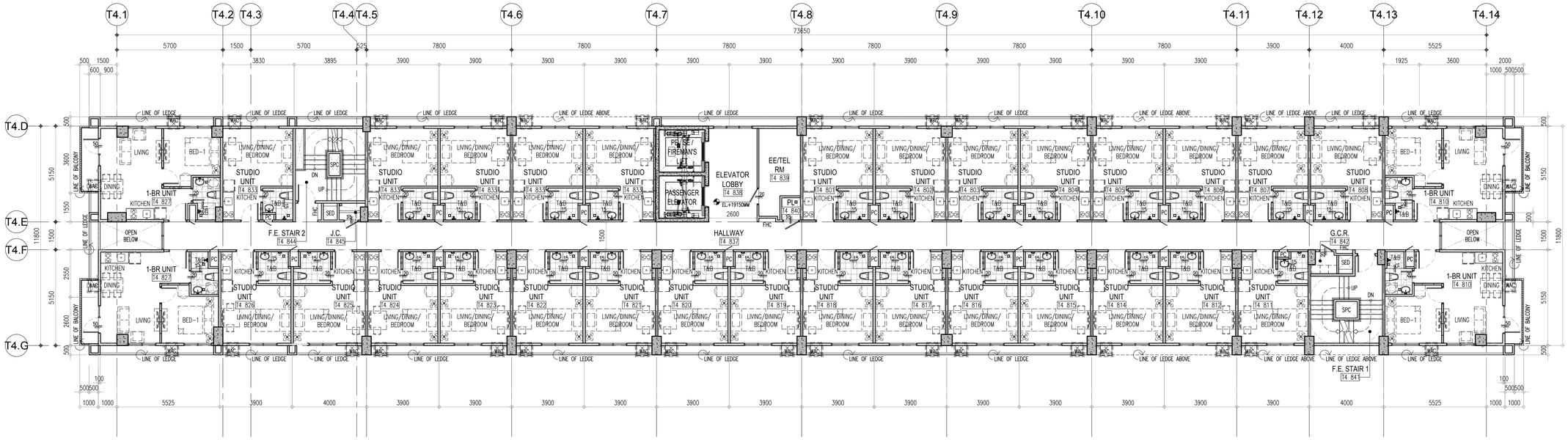


NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A–2.06 T4

TOWER 4
7TH FLOOR PLAN

SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

2 A–2.06 T4

TOWER 4
8TH FLOOR PLAN

SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

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NOTE: THIS DRAWING HAS BEEN IMAGE FROM AVAILABLE INFORMATION, HOWEVER ALL DIMENSIONS MUST BE VERIFIED ON PROJECT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS IN SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE REPORTED IMMEDIATELY TO THE ARCHITECT / CONSULTANT

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
FL 100	CHANGE IN ELEVATION TAG
100–100 SCALE	ZOCALO

NOTE: THESE DRAWINGS ISSUED FOR CONSTRUCTION ARE THE ARCHITECT'S FINAL DESIGN DRAWINGS INCORPORATING ALL THE LATEST - REVISIONS, BULLETINS, ADDENDUM, CHANGES RESULTING FROM VALUE ENGINEERING MEETINGS BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION. DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE EXTENDED AS FINAL DESIGN REFERENCES BY THE ARCHITECT / CONSULTANT

LPPA DESIGN GROUP
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 4
7TH FLOOR PLAN AND
8TH FLOOR PLAN
Drawn by: KC/AA/DM Date:
Checked by: Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.06 T4
Job No.: 20-705
Last Modified:



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 TOWER 4
A-2.07 T4 9TH FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

2 TOWER 4
A-2.07 T4 10TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110		110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105		105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115		115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120		120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110		110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110		110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150		150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145		145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155		155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE.
C2C	160		160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150		150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150		150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES		REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES		REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES		REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES		REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105		105MM THK. WALL – 10MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135		135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130		130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
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TAG LEGEND

RM00	ROOM NO. TAG
FL100	CHANGE IN ELEVATION TAG
100–100 HT. WIDTH	ZOCALO

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REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

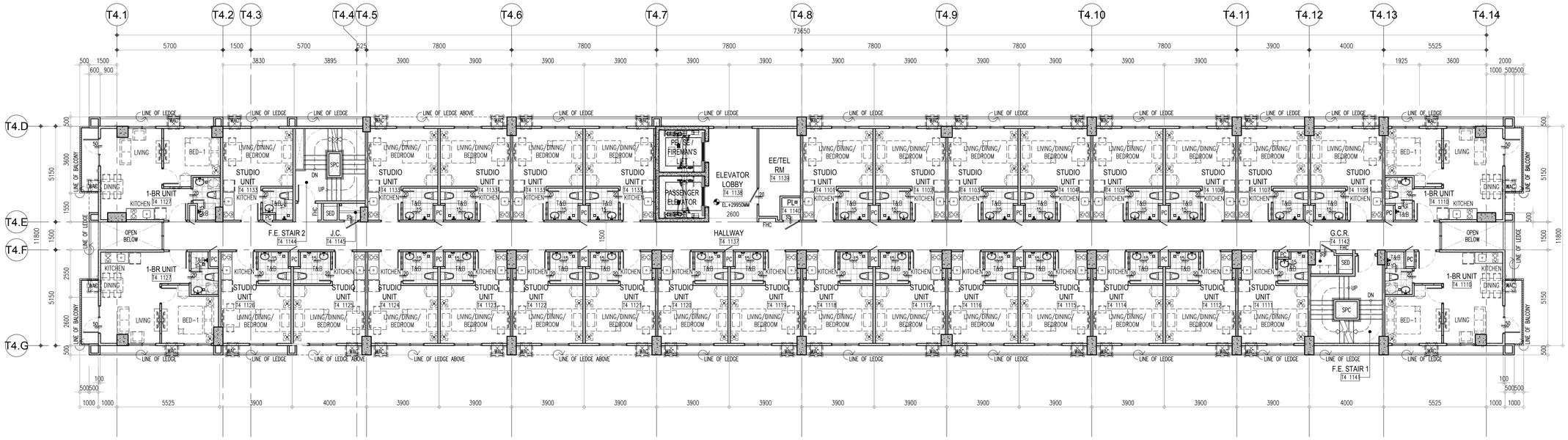
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 4 9TH FLOOR PLAN AND 10TH FLOOR PLAN
Drawn by: KC/AA/DM Date:
Checked by: Designed by: LPP

Rev.	Date	Description:	By:

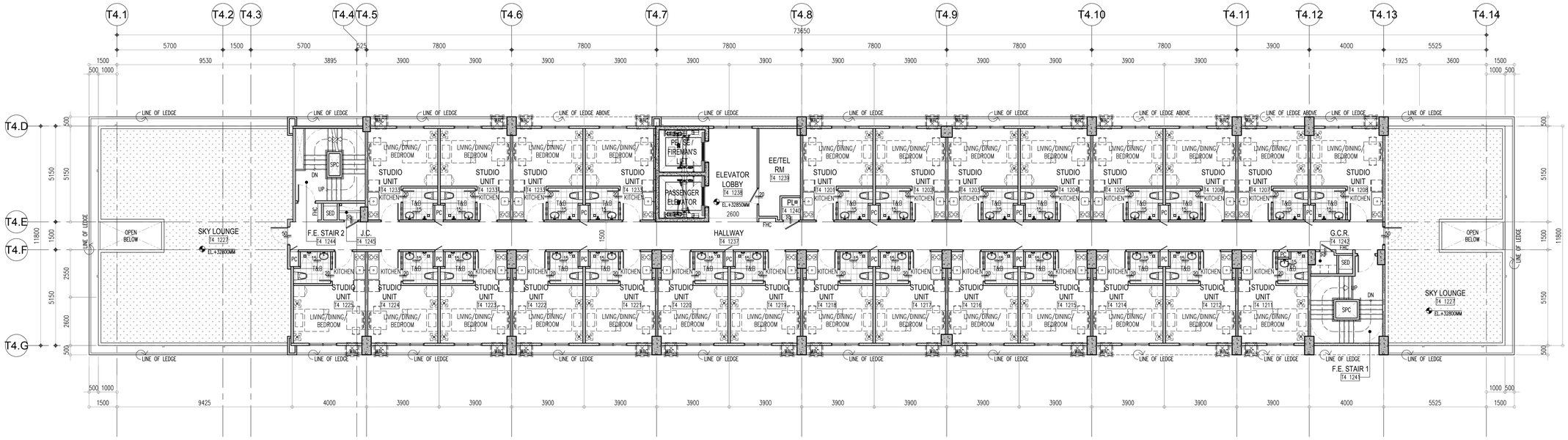
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Sheet No.: A-2.07 T4
Job No.: 20-705
Last Modified:



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.08 T4 — TOWER 4 11TH FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

2 A-2.08 T4 — TOWER 4 12TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
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C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
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C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
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C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
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   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
100	CHANGE IN ELEVATION TAG
100 FFL	ZOCALO

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

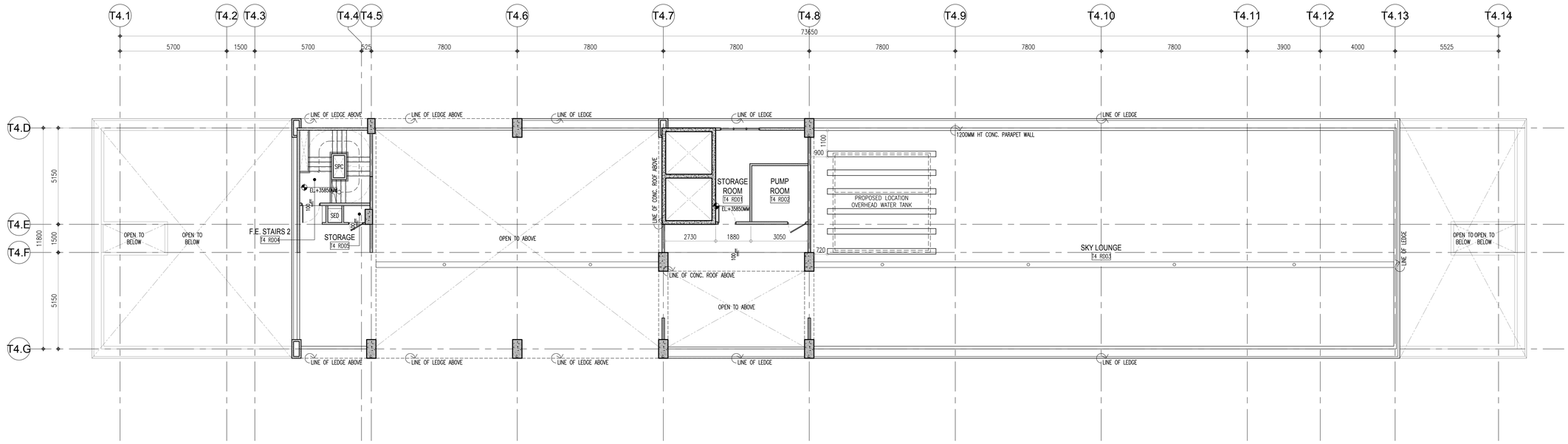
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 4 11TH FLOOR PLAN AND 12TH FLOOR PLAN
Drawn by: KC/AA/DM Date:
Checked by: Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
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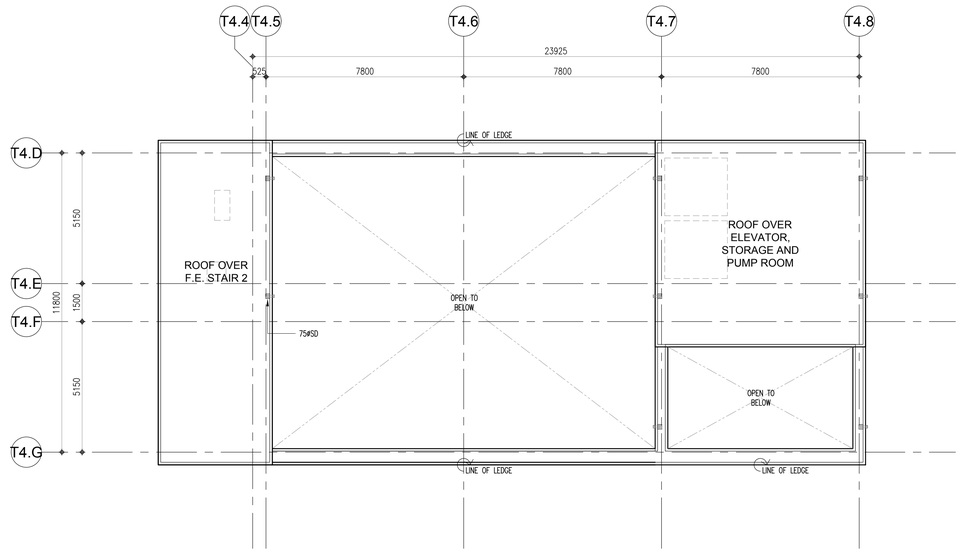


NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.09 T4

TOWER 4
ROOD DECK PLAN

SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

1 A-2.09 T4

TOWER 4
ROOF PLAN

SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
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WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
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TAG LEGEND

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EL100	CHANGE IN ELEVATION TAG
100 / 100 SCALE	ZOCALO

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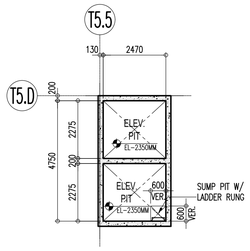
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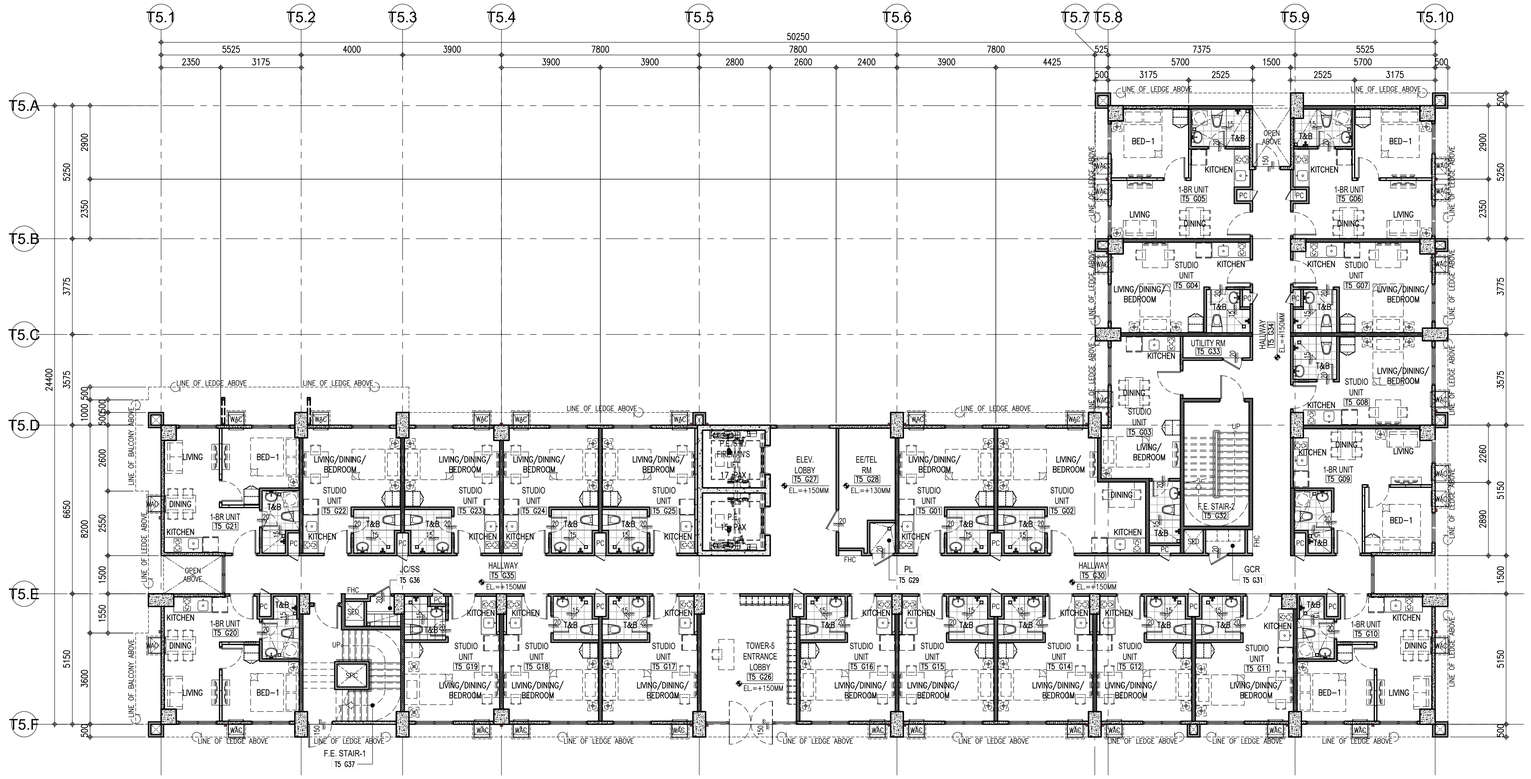
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Drawn by: KC/AA/DM Date:
Checked by: Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.09 T4
Job No.: 20-705
Last Modified:

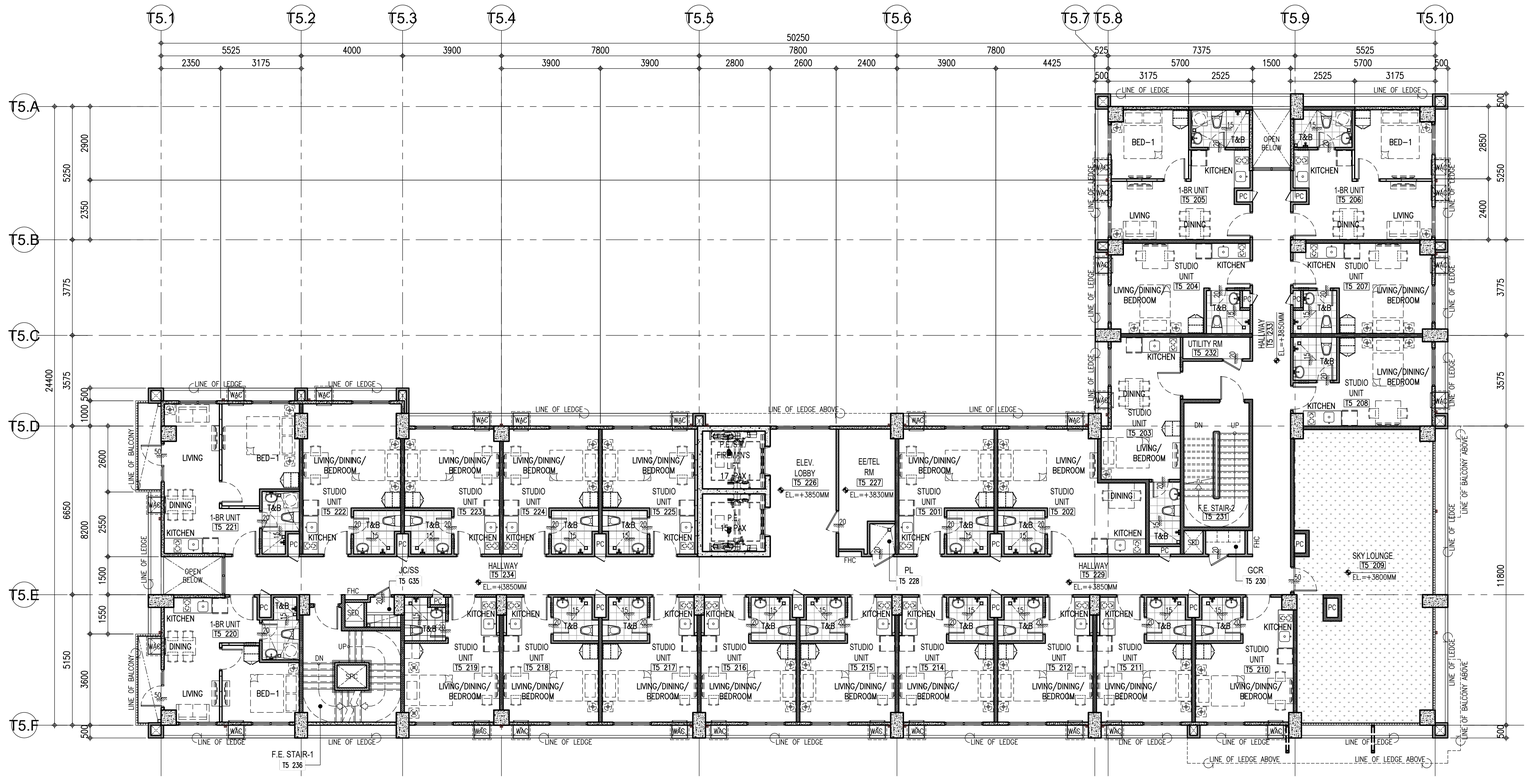




NOTE:
FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

1 A-2.01 T5 — TOWER 5
GROUND FLOOR PLAN & ELEV. PIT PLAN
SCALE: 1:100M



NOTE:
FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

2 A-2.01 T5 — TOWER 5
2ND FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
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C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
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C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
from 100 to 100	CHANGE IN ELEVATION TAG
100 to 100 (MIN.)	ZOCALO

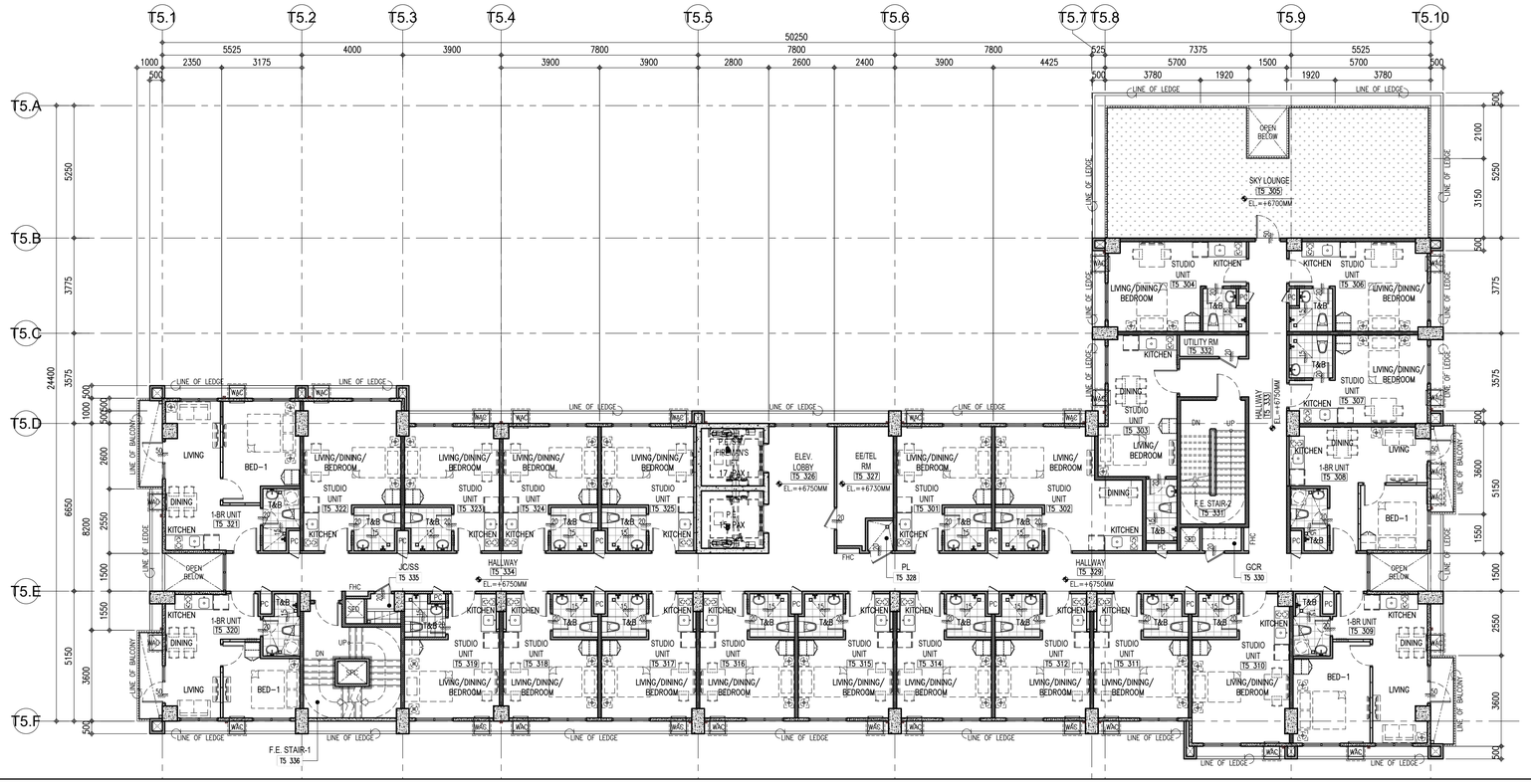
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NOTE: ANY CHANGES OR DEVIATIONS FROM THE ARCHITECTURAL DESIGN DRAWINGS INCORPORATED IN THE LATEST TECHNICAL BULLETIN, ADDENDUM OR CHANGE ORDER SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND OTHER ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR.

Architect: LEO P. PARIÑAS REG. NO.: 9646 PTR NO.: 0730889 DATE: JAN. 07, 2021 PLACE: QUEZON CITY	R.A. 9266 This Drawing, as instrument of service, is the intellectual property and document of LPPA Design Group, Inc., whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or to make copies of said document for use in the repetition of and for other projects or buildings, whether executed partly or in whole, without the written consent of LPPA. This drawing is to be used for the project and site only, specifically specified herein, and is not to be used on any other project. © Copyright by LPPA Design Group, Inc. 1993-2021 - All Rights Reserved. www.lppadesign.com.ph	Engineer: REG. NO.: PTR NO.: DATE: PLACE:	Project: CASA MIRA TOWERS PALAWAN Location: Puerto Princesa, Palawan	Owner: CEBU LANDMASTERS	Sheet Contents: TOWER 5 GROUND FLOOR & 2ND FLOOR PLAN Drawn by: FAMR Date: 31 AUG 2021 Checked by: LCC/LP Designed by: LPP	Rev.	Date	Description:	By:	Issued for: ☐ CAAP Clearance ☐ PALC ☐ HLURB ☐ ECC ☐ Design Development ☐ Building Permit ☐ Contract Documents ☐ Bidding ☐ Construction	Sheet No.: A-2.01 T5 Job No.: 20-705 Last Modified: 2 DEC 2021

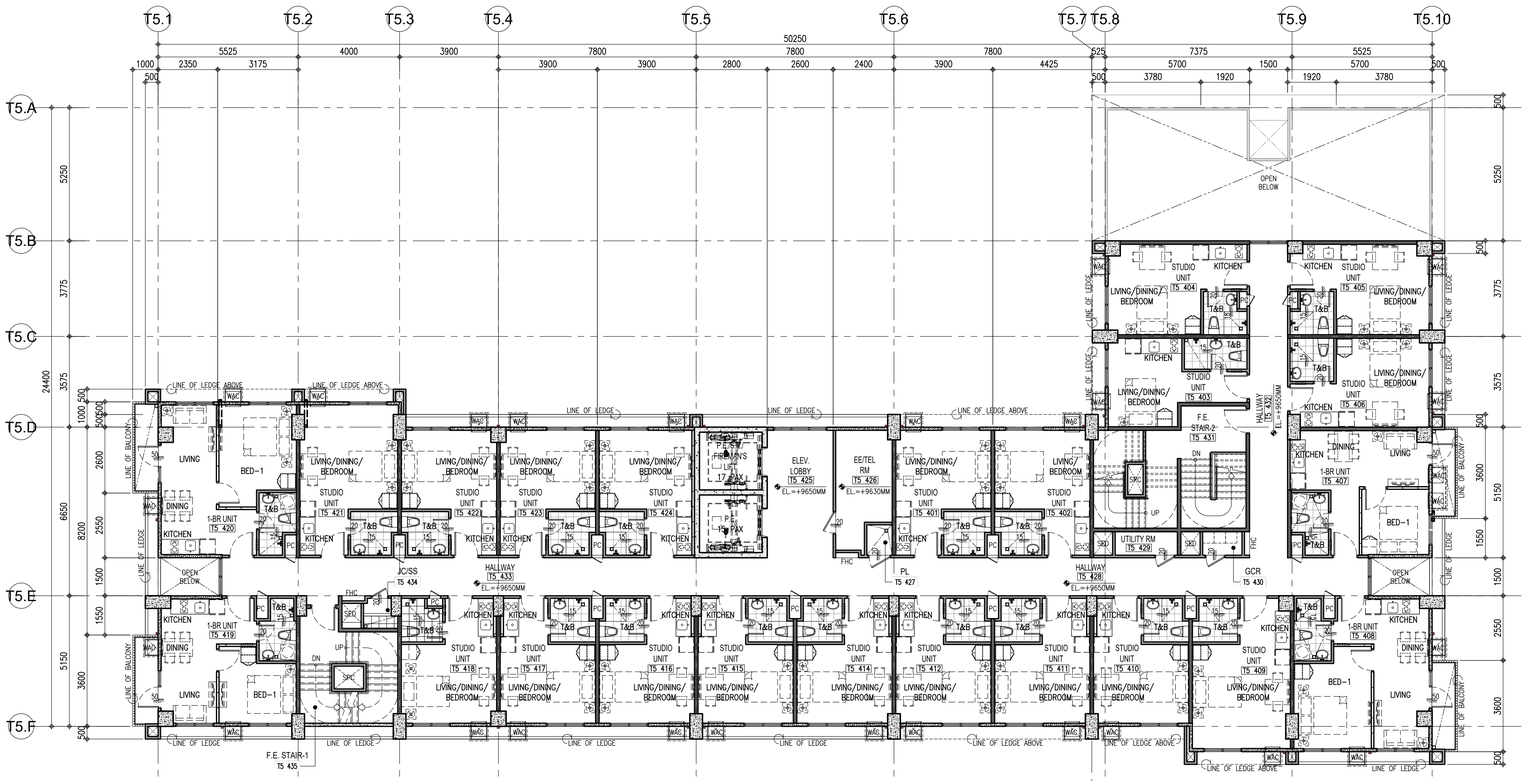
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NOTE:
FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

1 TOWER 5
A-2.02 T5 3RD FLOOR PLAN
SCALE: 1:100M



NOTE:
FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

2 TOWER 5
A-2.02 T5 4TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
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C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
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NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
100 / SHEET NO.	CHANGE IN ELEVATION TAG
100 / 100 METERS	ZOCALO

NOTE: THIS DRAWING HAS BEEN PREPARED FOR PERMITTING PURPOSES ONLY. FOR ACCURATE DIMENSIONS AND DETAILS, REFER TO ARCHITECTURAL DRAWINGS. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

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LPPA DESIGN GROUP — LPPA Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
T: (632) 8709-5890 F: (632) 8709-5894 E: lppa@lppadesign.com.ph W: www.lppadesign.com.ph

Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266
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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PHILIPPINES
Location: Puerto Princesa, Palawan

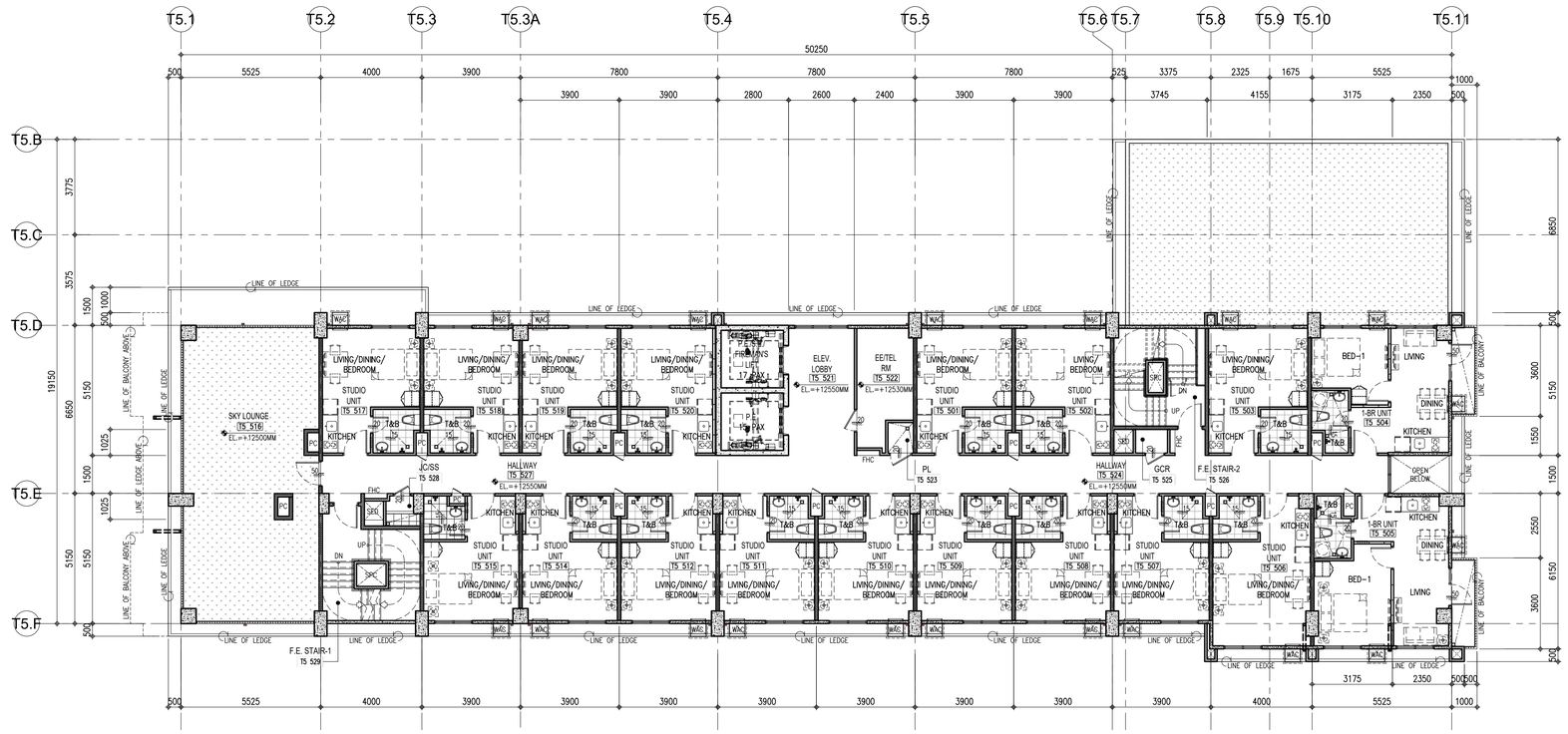
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 5 3RD FLOOR & 4TH FLOOR PLAN
Drawn by: FAMR Date: 31 AUG 2021
Checked by: LCC/LP Designed by: LPP

Rev.	Date	Description:	By:
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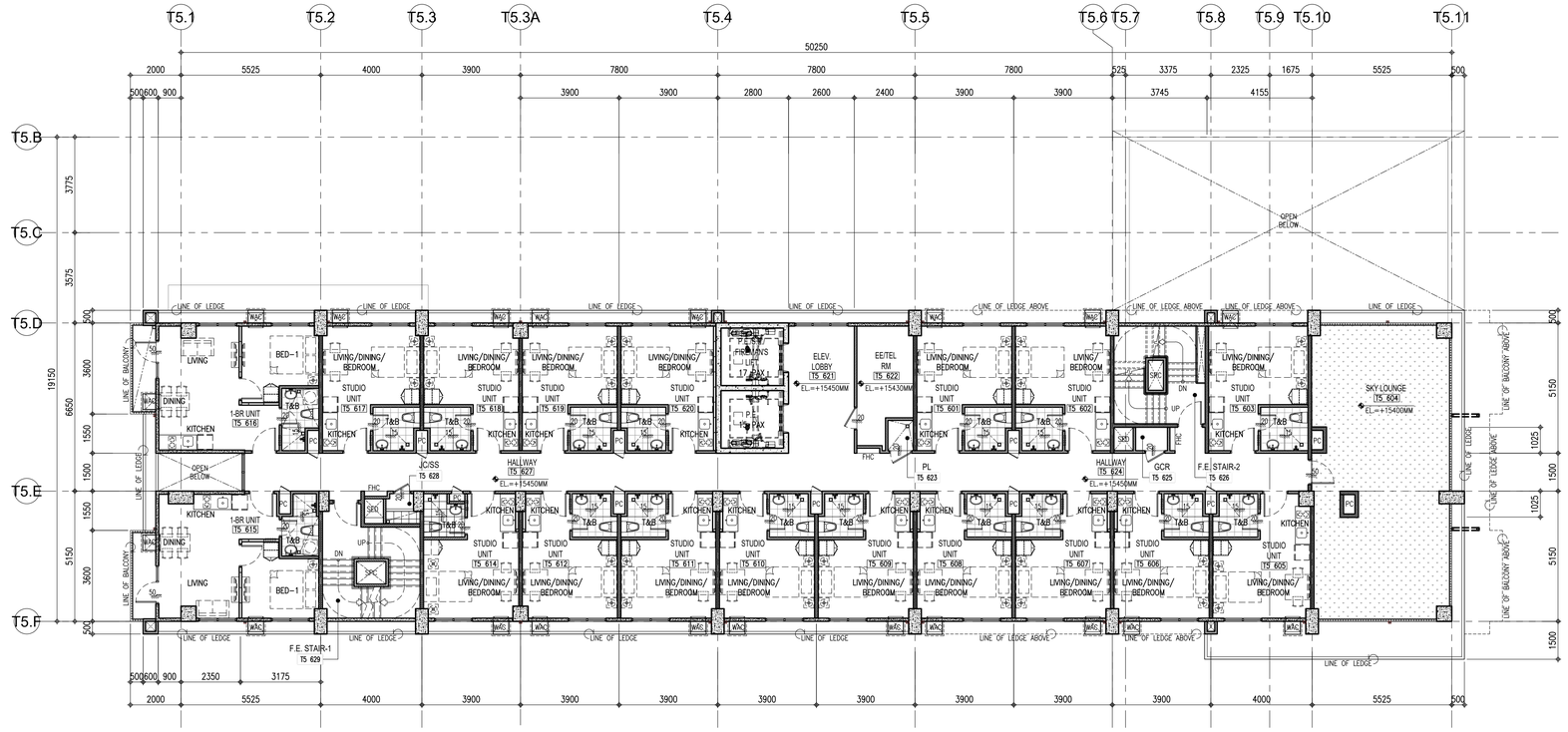
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Sheet No.: A-2.02 T5
Job No.: 20-705
Last Modified: 2 DEC 2021



NORTH

1 A-2.03 T5 — TOWER 5 5TH FLOOR PLAN
SCALE: 1:100M



NORTH

2 A-2.03 T5 — TOWER 5 6TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

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WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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RM00	ROOM NO. TAG
100 / line	CHANGE IN ELEVATION TAG
100 / 100 meters	ZOCALO

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Engineer:
REG. NO.: PTR NO.:
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Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

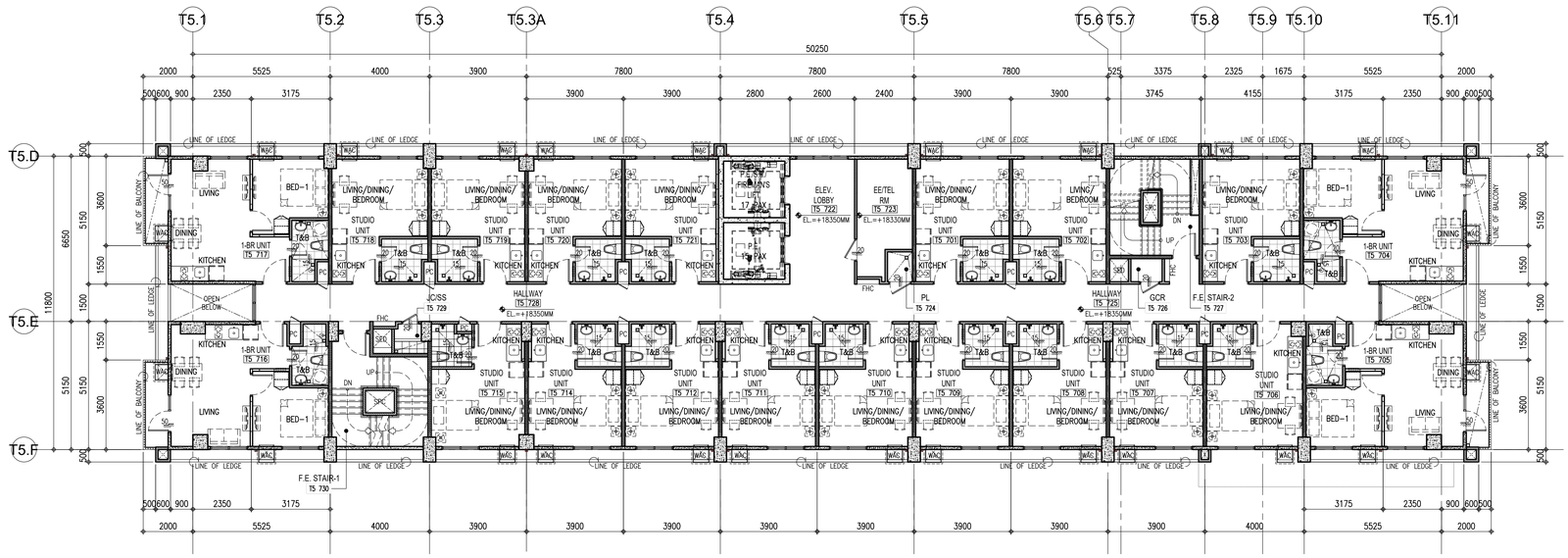
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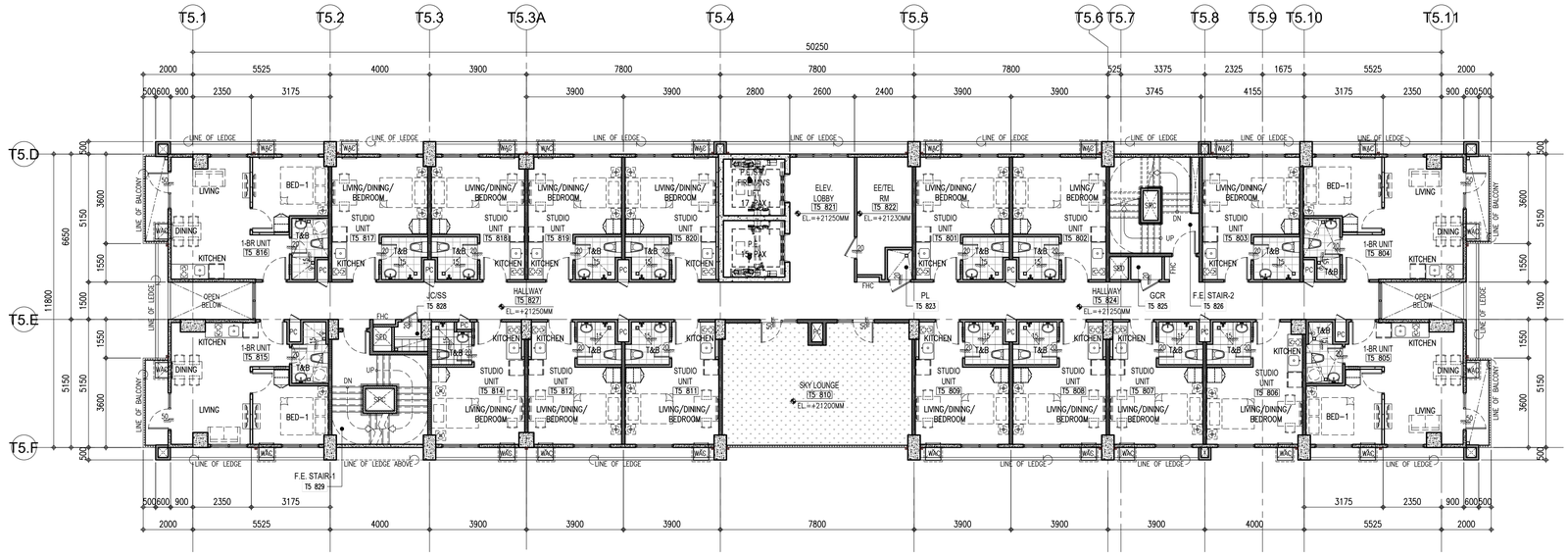
Sheet No.: A-2.03 T5
Job No.: 20-705
Last Modified: 2 DEC 2021



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

1 / A-2.04 T5 — TOWER 5 7TH FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

2 / A-2.04 T5 — TOWER 5 8TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
FL 100	CHANGE IN ELEVATION TAG
100 100 WIDTH	ZOCALO

NOTE: THIS DRAWING HAS BEEN MADE FROM AVAILABLE INFORMATION. CONTRACTOR SHALL CHECK ALL DIMENSIONS AT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE! PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION, DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

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LPPA DESIGN GROUP — LPPA Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

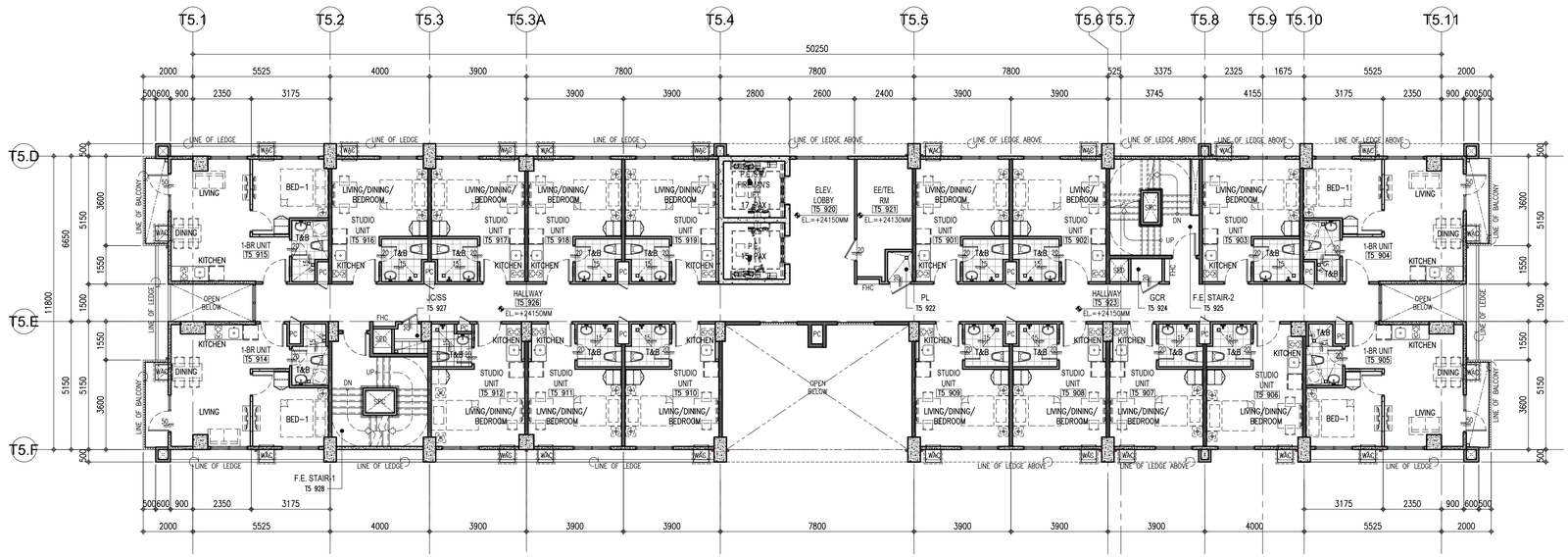
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 5 7TH FLOOR & 8TH FLOOR PLAN
Drawn by: FAMR Date: 31 AUG 2021
Checked by: LCC/LP Designed by: LPP

Rev.	Date	Description:	By:
△			
△			
△			
△			
△			
△			

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
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Sheet No.: A-2.04 T5
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Last Modified: 2 DEC 2021

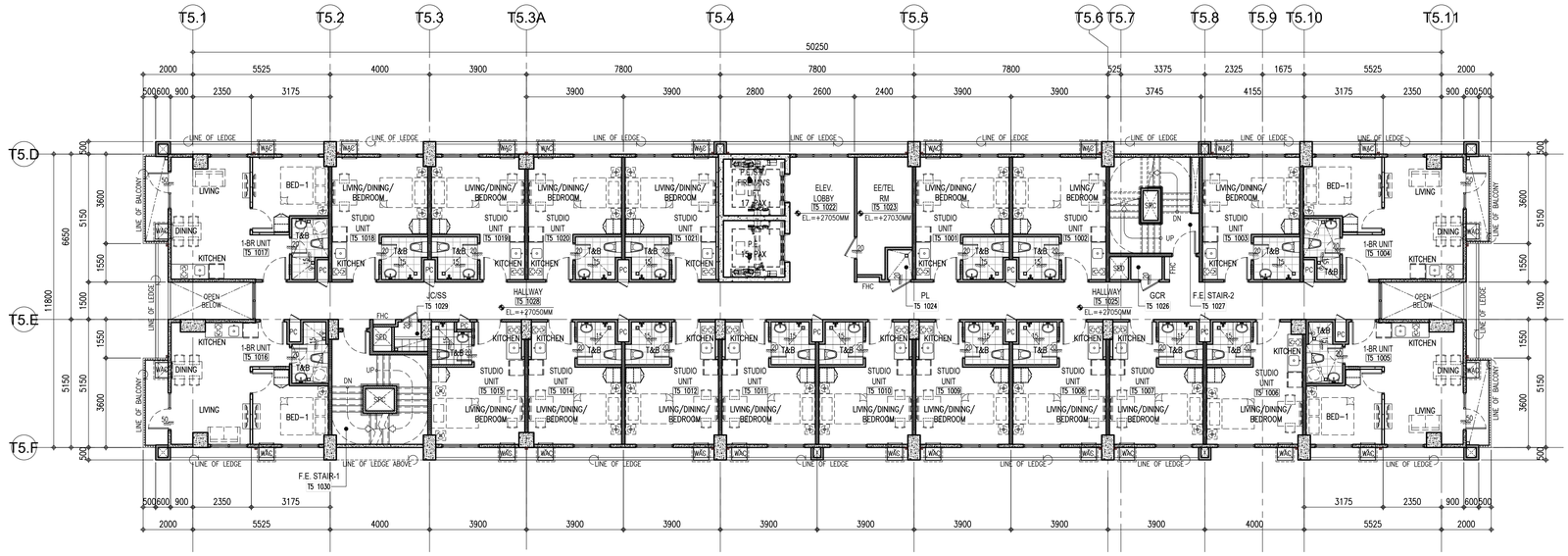


NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

1 A-2.05 T5 — TOWER 5 9TH FLOOR PLAN

SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

2 A-2.05 T5 — TOWER 5 10TH FLOOR PLAN

SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
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Recommending Approval:

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NOTE: THESE DRAWINGS SERVE AS GUIDE FOR CONSTRUCTION. METHODS AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE PHILIPPINE NATIONAL CONSTRUCTION CODE (PNCC), STRUCTURAL CODE OF THE PHILIPPINES (SCP), AND OTHER APPLICABLE CODES, STANDARDS AND REGULATIONS. ALL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

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NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
100	CHANGE IN ELEVATION TAG
100 100	ZOCALO

NOTE: THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNTIL THE ARCHITECT'S FINAL DESIGN DRAWINGS INCORPORATING ALL THE LATEST ADDENDA, BULLETINS, REVISION, CHANGE ORDERS & CHANGES REQUESTED BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT. ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 | PTR NO.: 0730889
DATE: JAN. 07, 2021 | PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: | PTR NO.:
DATE: | PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

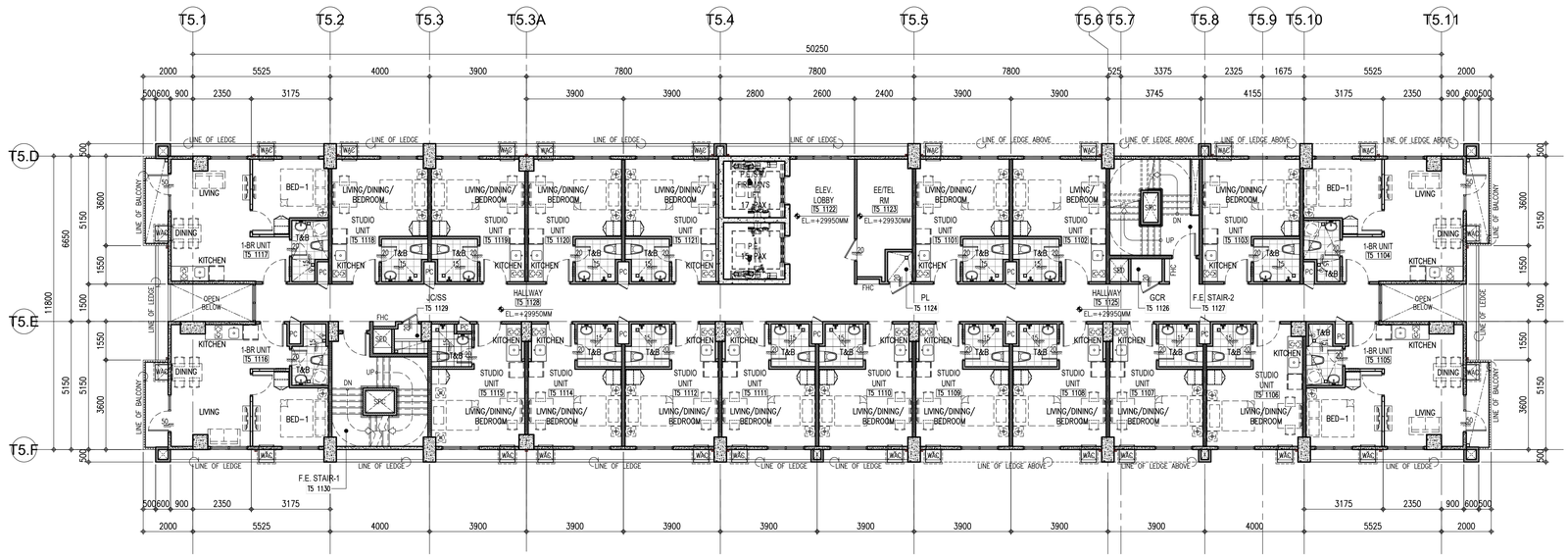
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 5 9TH FLOOR & 10TH FLOOR PLAN
Drawn by: FAMR | Date: 31 AUG 2021
Checked by: LCC/LP | Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
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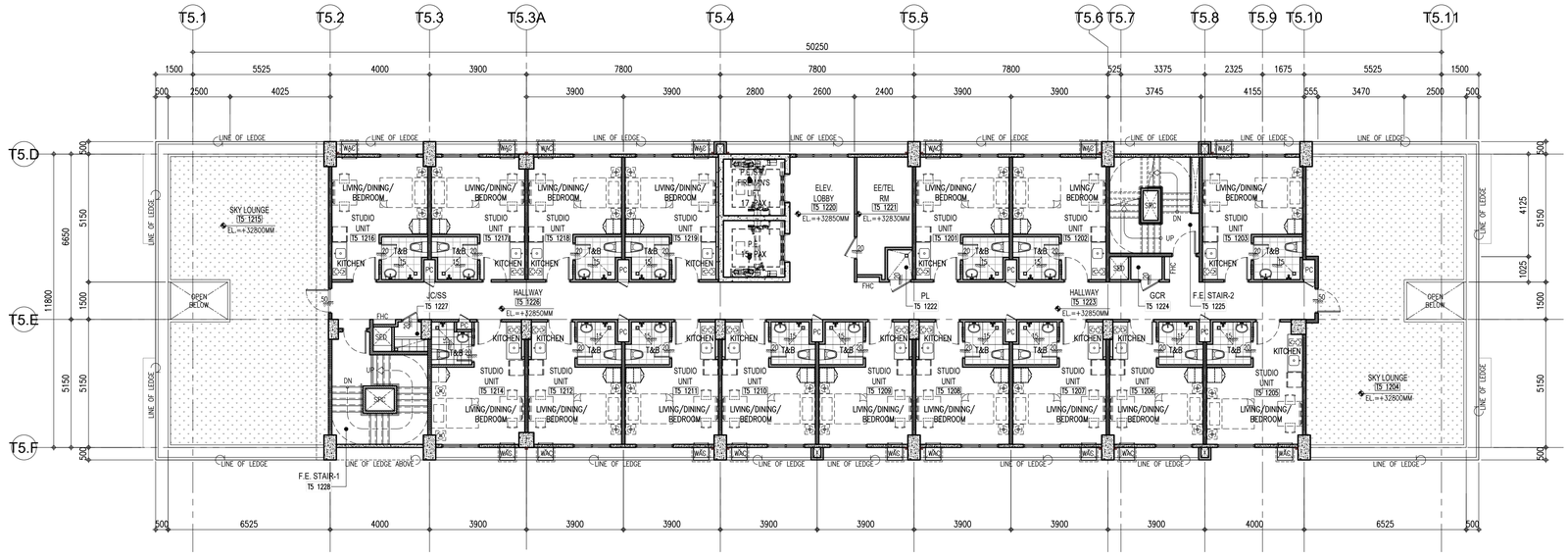
Sheet No.: A-2.05 T5
Job No.: 20-705
Last Modified: 2 DEC 2021



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

1 A-2.06 T5 — TOWER 5
11TH FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

2 A-2.06 T5 — TOWER 5
12TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

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WALL LEGEND

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C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
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Engineer: REG. NO.: | PTR NO.: | DATE: | PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

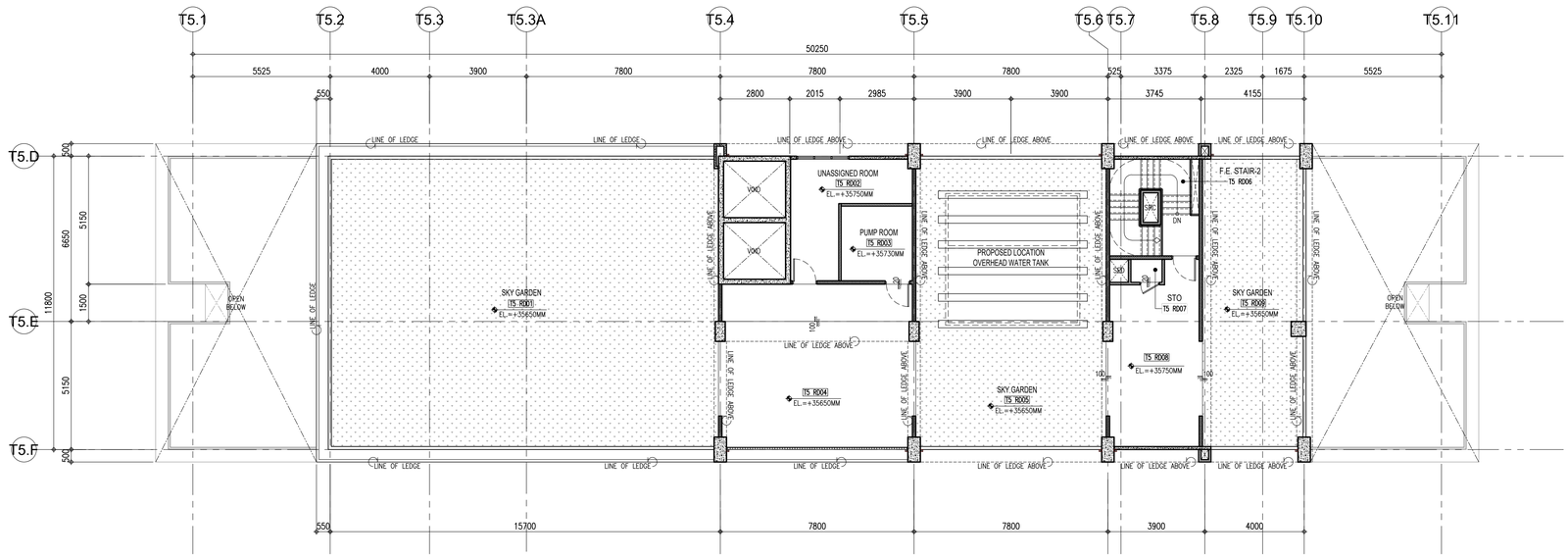
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 5 — 11TH FLOOR & 12TH FLOOR PLAN
Drawn by: FAMR | Date: 31 AUG 2021
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Sheet No.: A-2.06 T5
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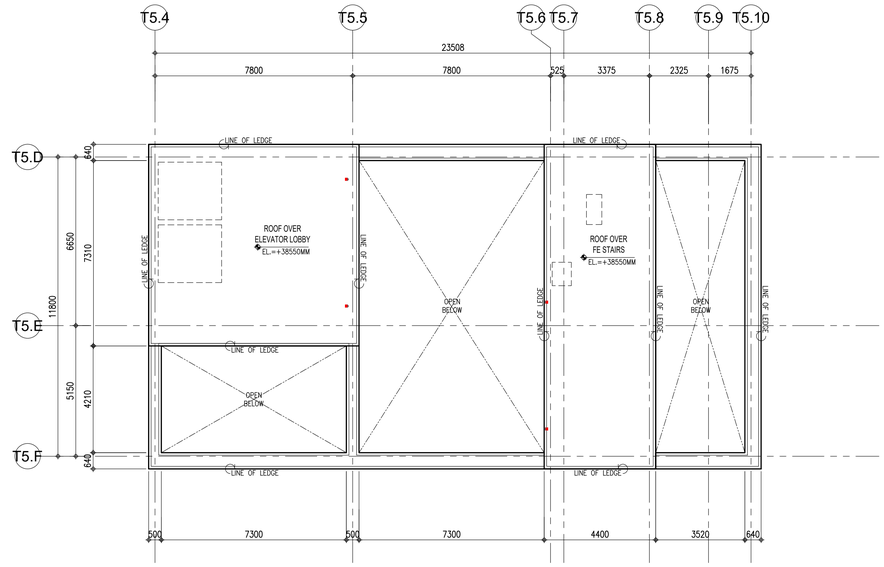
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NORTH

1 / A-2.07 T5

TOWER 5
ROOF DECK FLOOR PLAN

SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

2 / A-2.07 T5

TOWER 5
ROOF PLAN

SCALE: 1:100M

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C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS ARE FOR CONSTRUCTION. METER ALL DIMENSIONS PART OF DIVISION OF PROJECT. SEE PLANS TO STARTING CONSTRUCTION OR FABRICATION. ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THIS DRAWING CAN BE SCALED FROM PAPER PRINT. DIGITAL DRAWINGS ARE PROVIDED ALL THE LATEST / REVISED BULLETINS, ADDENDUM, CHANGE ORDER, SHOP DRAWINGS, AS-BUILT DRAWINGS, ETC. DO NOT SCALE THIS DRAWING, VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2-HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
100 / 100	CHANGE IN ELEVATION TAG
100 mm 100	ZOCALO

LPPA DESIGN GROUP
Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

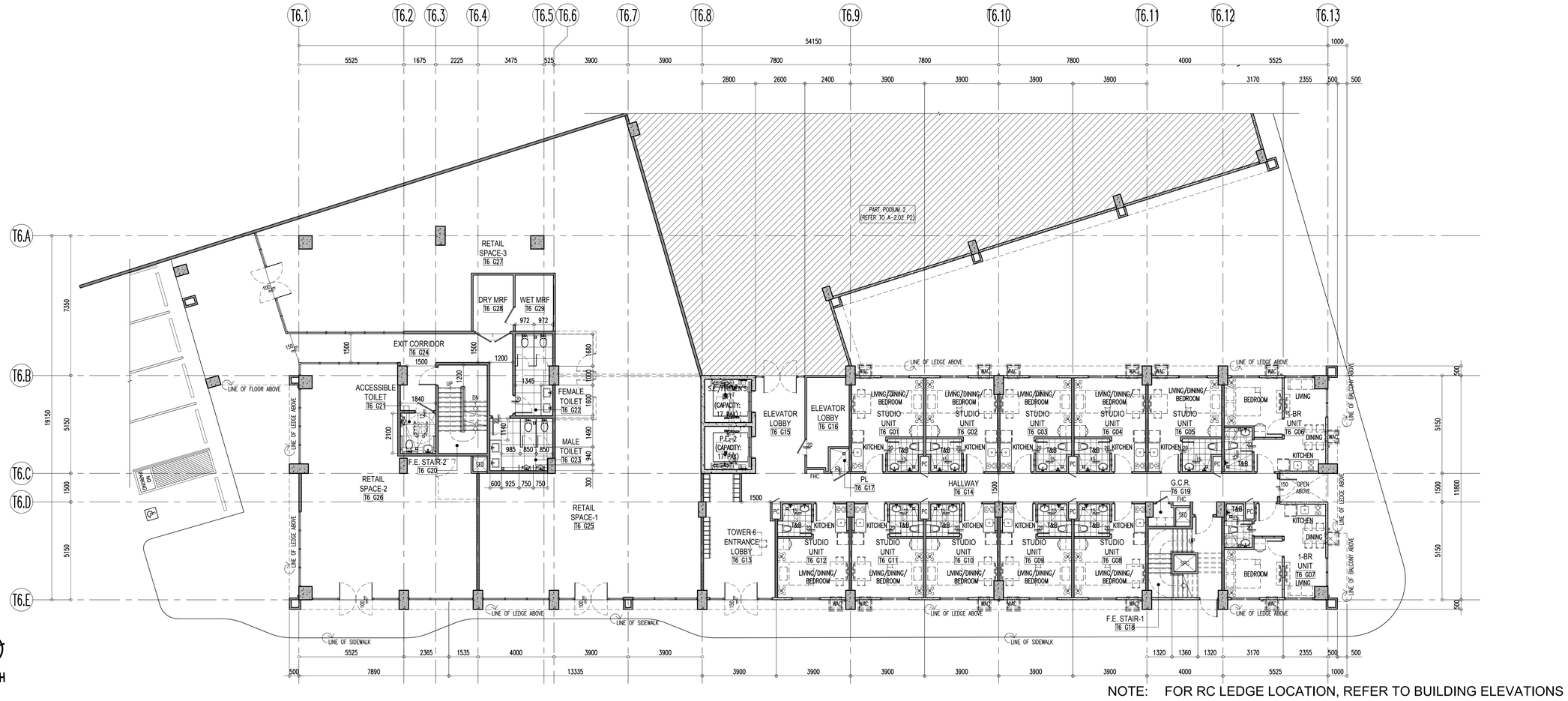
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 5 ROOF DECK FLOOR PLAN & ROOF PLAN
Drawn by: FAMR Date: 31 AUG 2021
Checked by: LCC/LP Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
3			
4			
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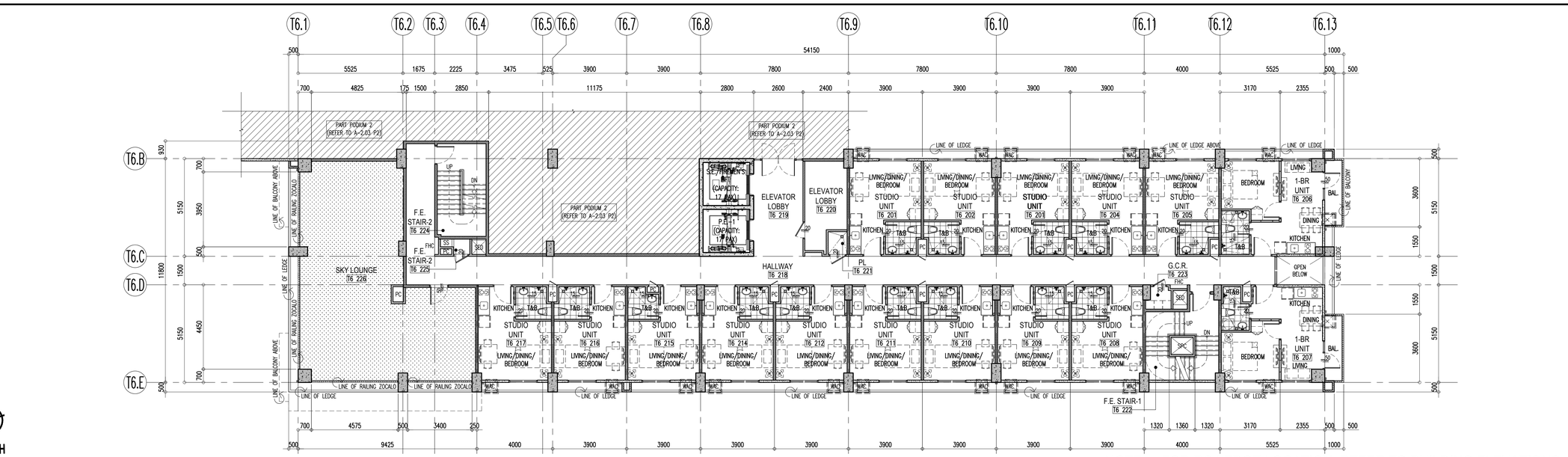
Issued for:
- [ ] CAAP Clearance
- [ ] PALC
- [ ] HLURB
- [ ] ECC
- [ ] Design Development
- [ ] Building Permit
- [ ] Contract Documents
- [ ] Bidding
- [ ] Construction

Sheet No.: A-2.07 T5
Job No.: 20-705
Last Modified: 2 DEC 2021



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.01 T6 — TOWER 6 GROUND FLOOR PLAN — SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A-2.01 T6 — TOWER 6 SECOND FLOOR PLAN — SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 TL100	ZOCALO

NOTE: THIS DRAWING IS FOR CONSTRUCTION AS PER ARCHITECTS' FINAL DESIGN DRAWINGS. IMPORTANT: ALL THE LATEST WORKING DRAWINGS, ALL DIMENSIONS MUST BE VERIFIED ON PROJECT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. ANY DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THESE DRAWINGS DESIGN FOR CONSTRUCTION AS PER ARCHITECTS' FINAL DESIGN DRAWINGS. IMPORTANT: ALL THE LATEST WORKING DRAWINGS, ALL DIMENSIONS MUST BE VERIFIED ON PROJECT SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT. ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL TERMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

LPPA DESIGN GROUP — Architecture Planning Design
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

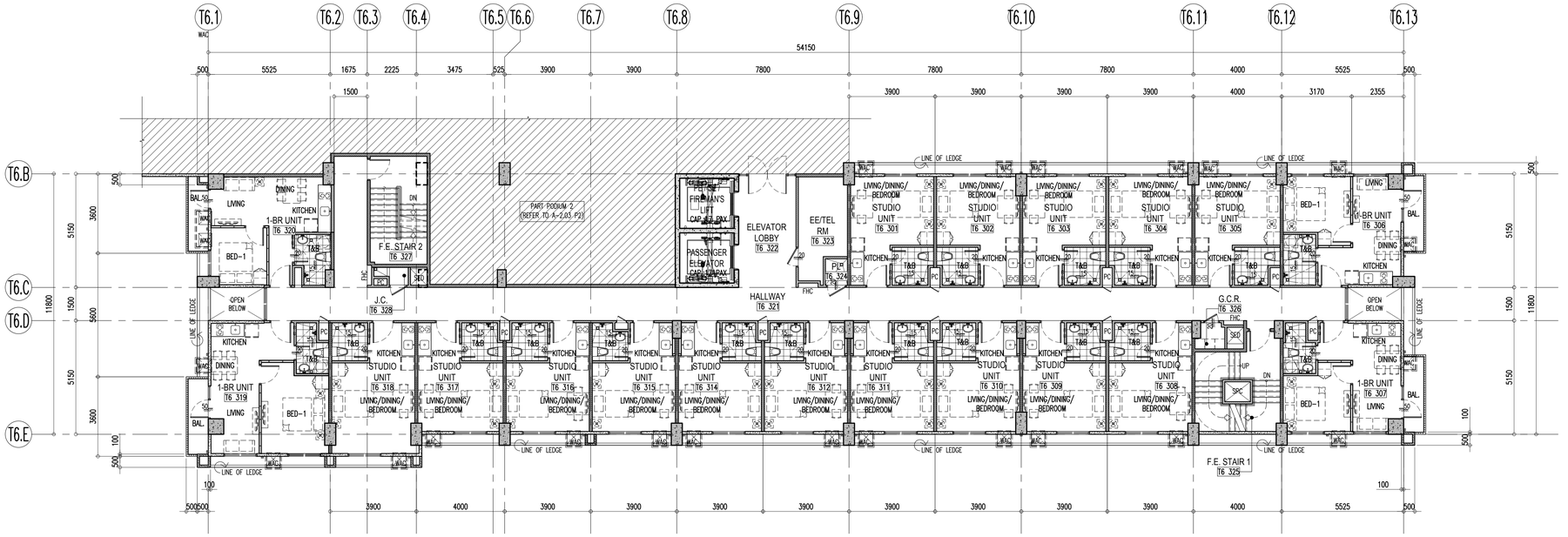
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 6 GROUND FLOOR PLAN & 2ND FLOOR PLAN
Drawn by: LPPA Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

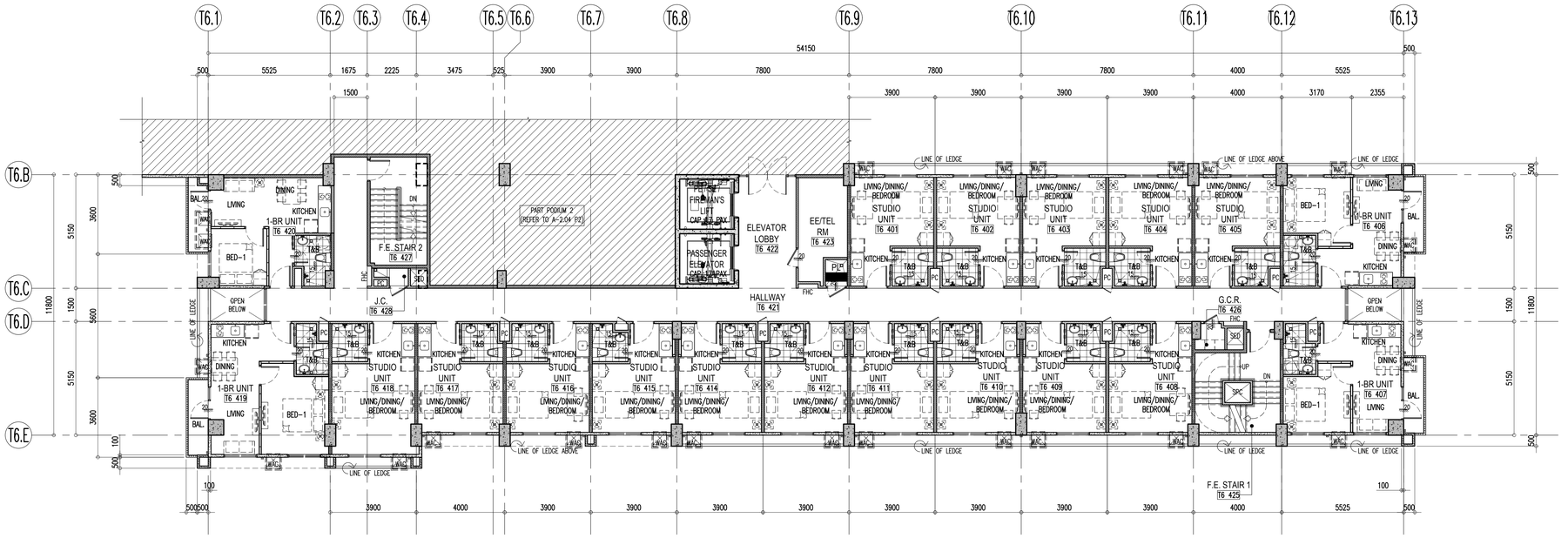
Sheet No.: A-2.01-T6
Job No.: 20-705
Last Modified: 26 OCT. 2021



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

1 A-2.02 T6 — TOWER 6
THIRD FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

2 A-2.02 T6 — TOWER 6
FOURTH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 13MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS SHALL BE USED FOR CONSTRUCTION ONLY BY THE CONTRACTOR, DESIGN DRAWINGS ARE TO BE USED IN CONJUNCTION WITH ALL THE LATEST STRUCTURAL BULLETINS, ADDENDA, CHANGES AND CLARIFICATIONS. DO NOT SCALE THIS DRAWING, VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THESE DRAWINGS ARE PREPARED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION OR FABRICATION. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
1/100	CHANGE IN ELEVATION TAG
100 (100 MTRS)	ZOCALO

LPPA DESIGN GROUP — LPPA Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
T: (632) 8709-5899 F: (632) 8709-5864 E: lppa@lppadesign.com.ph W: www.lppadesign.com.ph

Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266
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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

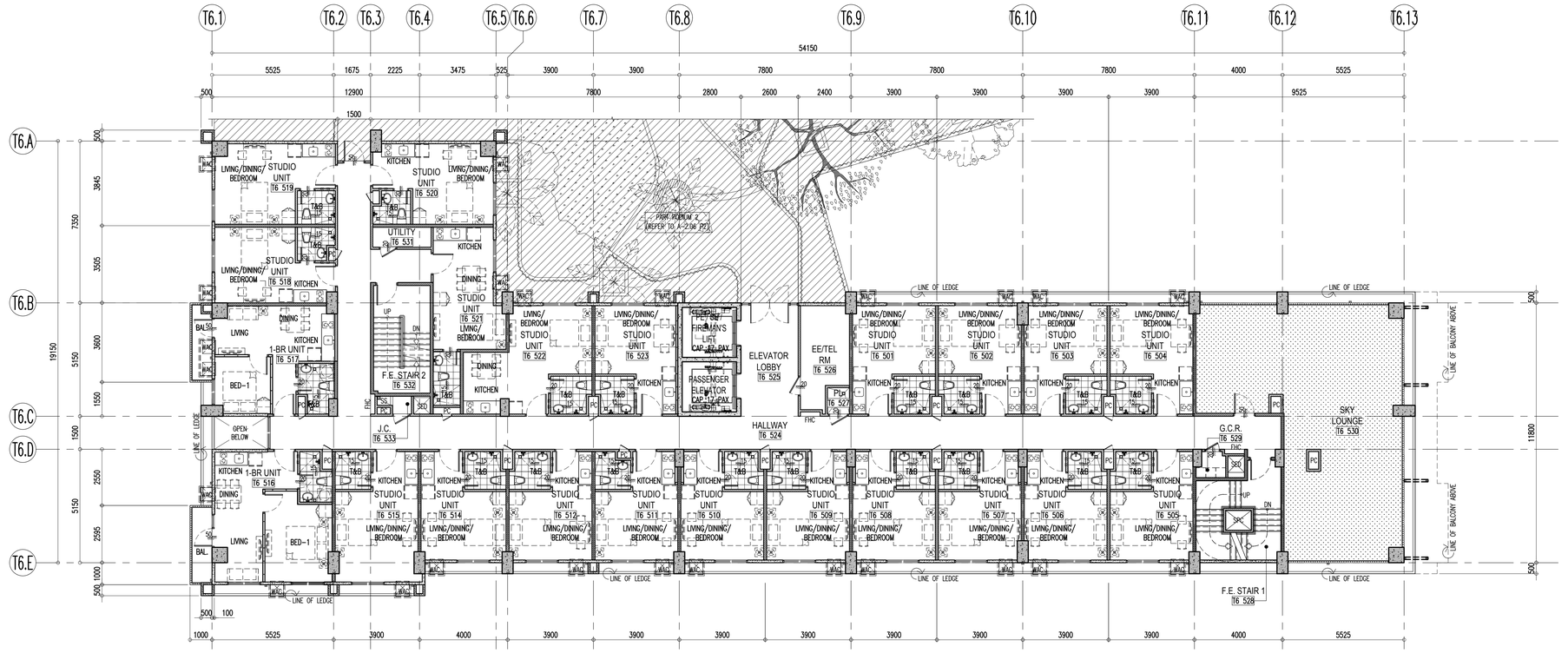
Sheet Contents: TOWER 6 — 3RD FLOOR PLAN & 4TH FLOOR PLAN

Rev.	Date	Description:	By:

Drawn by: LPPA Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
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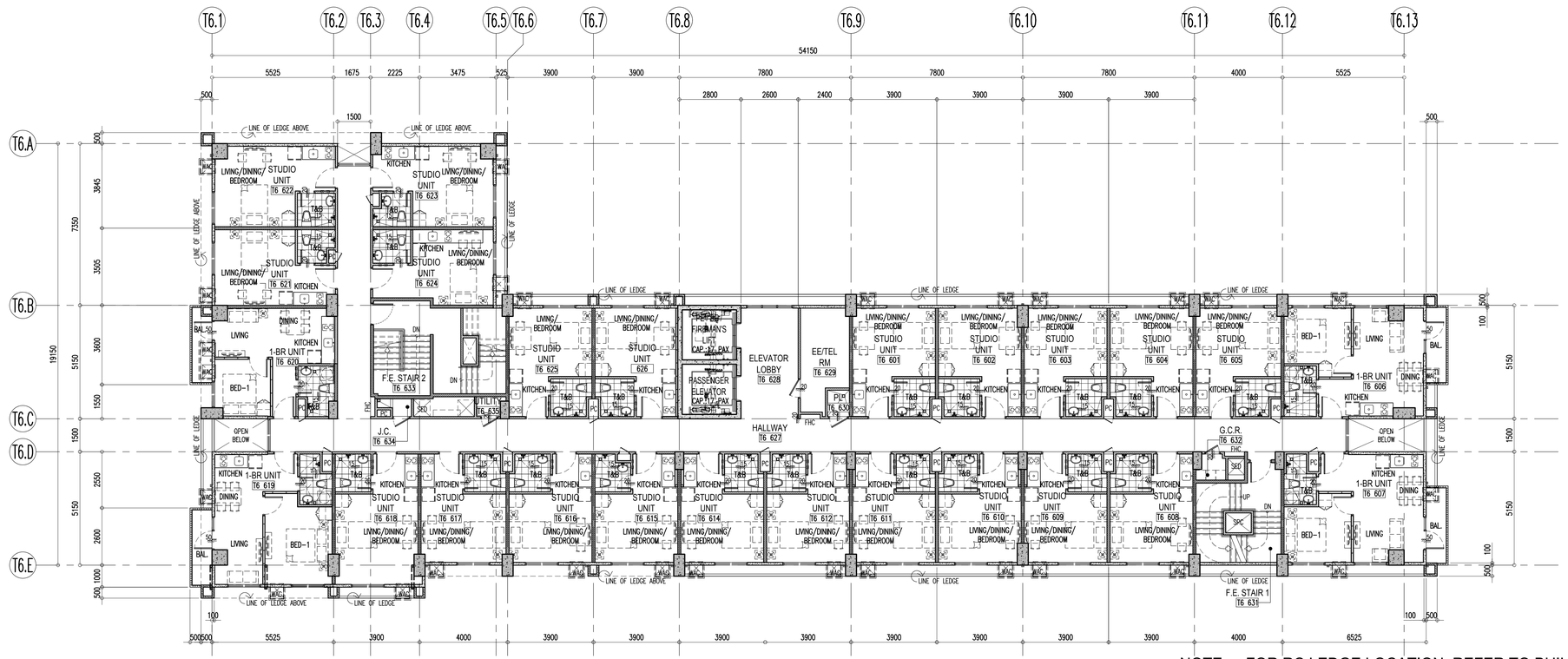
Sheet No.: A-2.02-T6
Job No.: 20-705
Last Modified: 26 OCT. 2021



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

1 A-2.03 T6 TOWER 6
FIFTH FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

2 A-2.03 T6 TOWER 6
SIXTH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS ARE FOR CONSTRUCTABILITY & ARCHITECTURAL DESIGN PURPOSES ONLY. REFER TO ALL DIMENSIONS AND DETAILS BEFORE CONSTRUCTION OR FABRICATION. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THIS DRAWING IS FOR CONSTRUCTABILITY & ARCHITECTURAL DESIGN PURPOSES ONLY. REFER TO ALL LATEST STRUCTURAL, ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION, ELECTRONICS, ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL TERMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
100	CHANGE IN ELEVATION TAG
100 100	ZOCALO

LPPA DESIGN GROUP
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

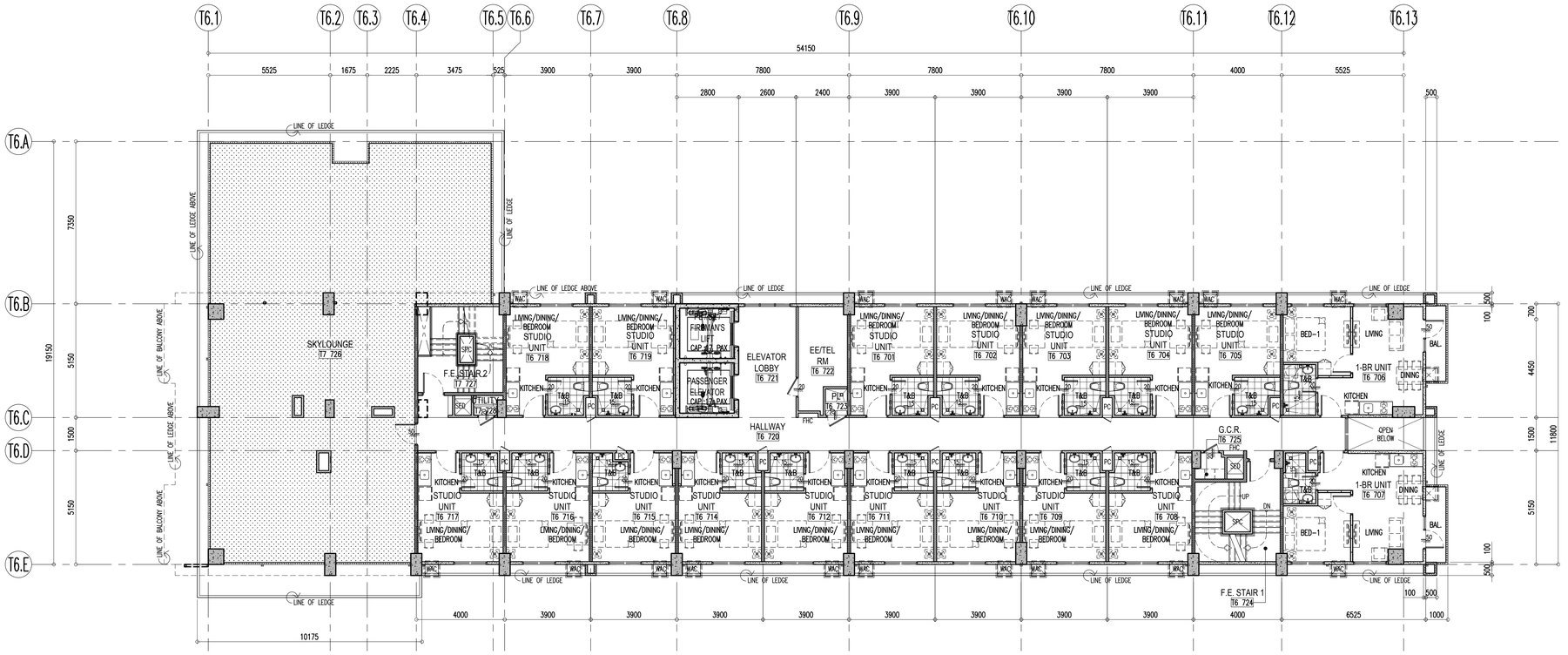
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 6
5TH FLOOR PLAN & 6TH FLOOR PLAN
Drawn by: LPPA Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
3			
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5			
6			

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- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
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- ☐ Construction

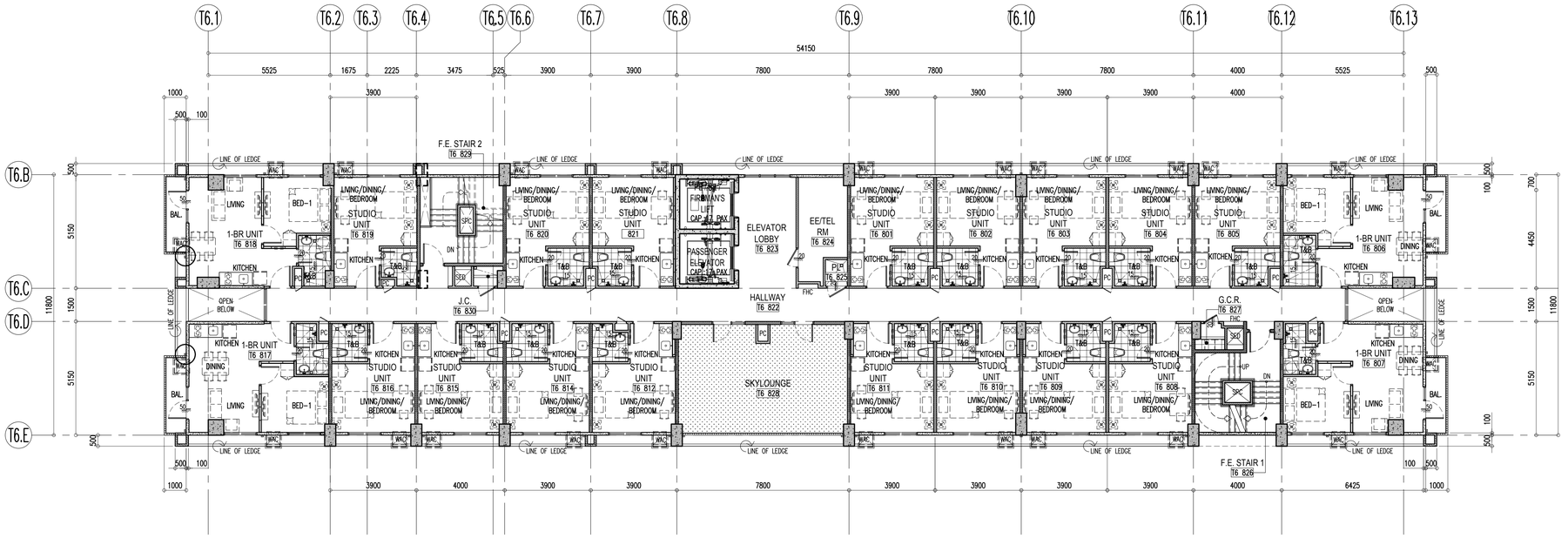
Sheet No.: A-2.03-T6
Job No.: 20-705
Last Modified: 26 OCT. 2021



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

1 A-2.04 T6 TOWER 6 SEVENTH FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

NORTH

2 A-2.04 T6 TOWER 6 EIGHTH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 13MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
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FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
EL 100	CHANGE IN ELEVATION TAG
100 @ 100	ZOCALO

NOTE: THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNTIL THE CONTRACTOR HAS VERIFIED ALL DIMENSIONS AND CONDITIONS AT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THESE DRAWINGS, BEING A REVISION & CHANGES FROM APPROVED PLANS, DO NOT INCLUDE ALL THE LATEST REVISIONS, BUILDING CODES, ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

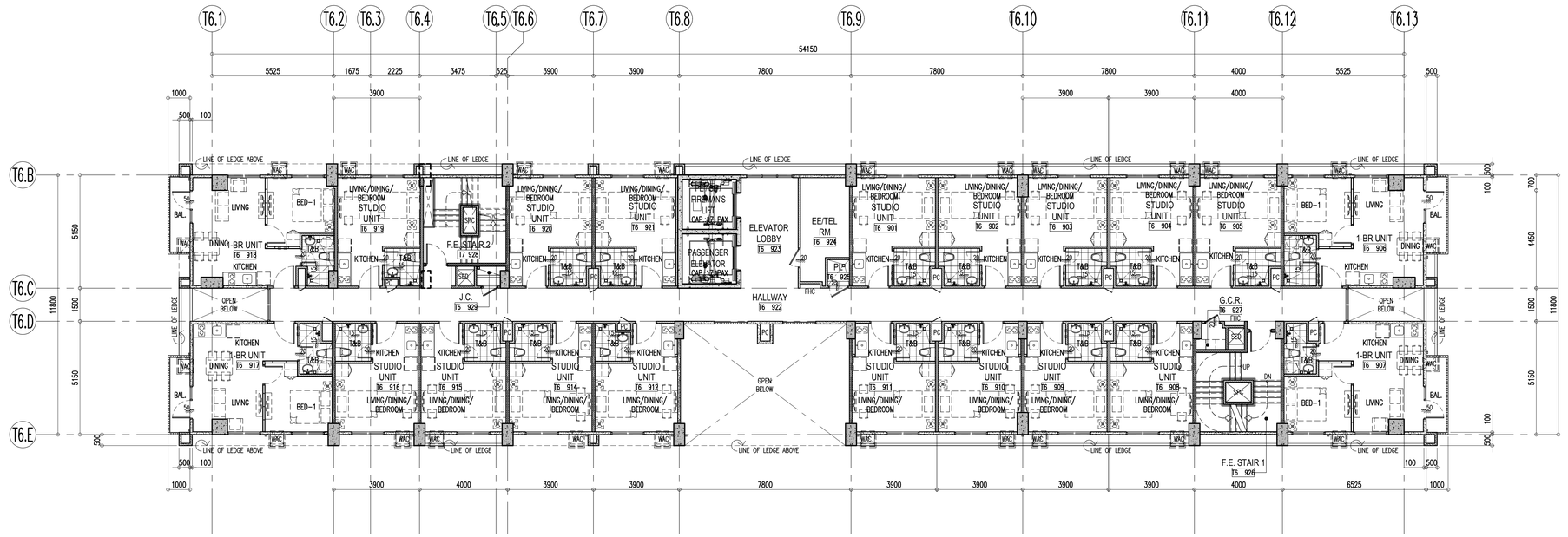
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Sheet Contents: TOWER 6 7TH FLOOR PLAN & 8TH FLOOR PLAN
Drawn by: LPPA Date: 26 OCT. 2021
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Rev.	Date	Description:	By:
1			
2			
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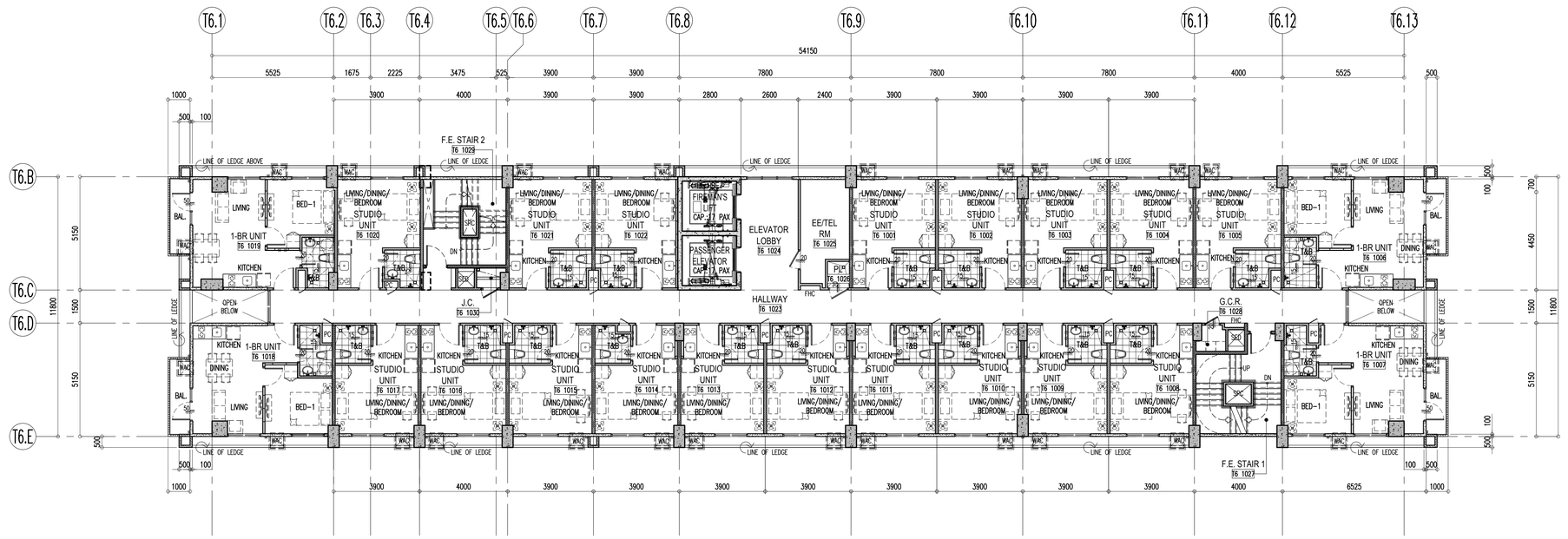
Sheet No.: A-2.04-T6
Job No.: 20-705
Last Modified: 26 OCT. 2021



NORTH

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 TOWER 6
1~2.05 T6 NINTH FLOOR PLAN
SCALE: 1:100M



NORTH

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 TOWER 6
1~2.05 T6 TENTH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 13MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
1/100	CHANGE IN ELEVATION TAG
100 / 100 MTRS.	ZOCALO

NOTE: THESE DRAWINGS ARE TO BE READ TOGETHER WITH THE CONTRACT DOCUMENTS, DESIGN DRAWINGS AND SPECIFICATIONS, ALL THE LATEST REVISIONS, BULLETINS, ADDENDA, CHANGES AND/OR CLARIFICATIONS ISSUED DURING THE BIDDING AND CONSTRUCTION PERIOD. ALL DIMENSIONS MUST BE VERIFIED AT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION. ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL TERMS DURING CONTRACT NEGOTIATIONS, AND RE-TENDERED AS FINAL.

LPPA DESIGN GROUP
Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
T: (632) 8709-5890 F: (632) 8709-5864 E: lppa@lppadesign.com.ph W: www.lppadesign.com.ph

Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

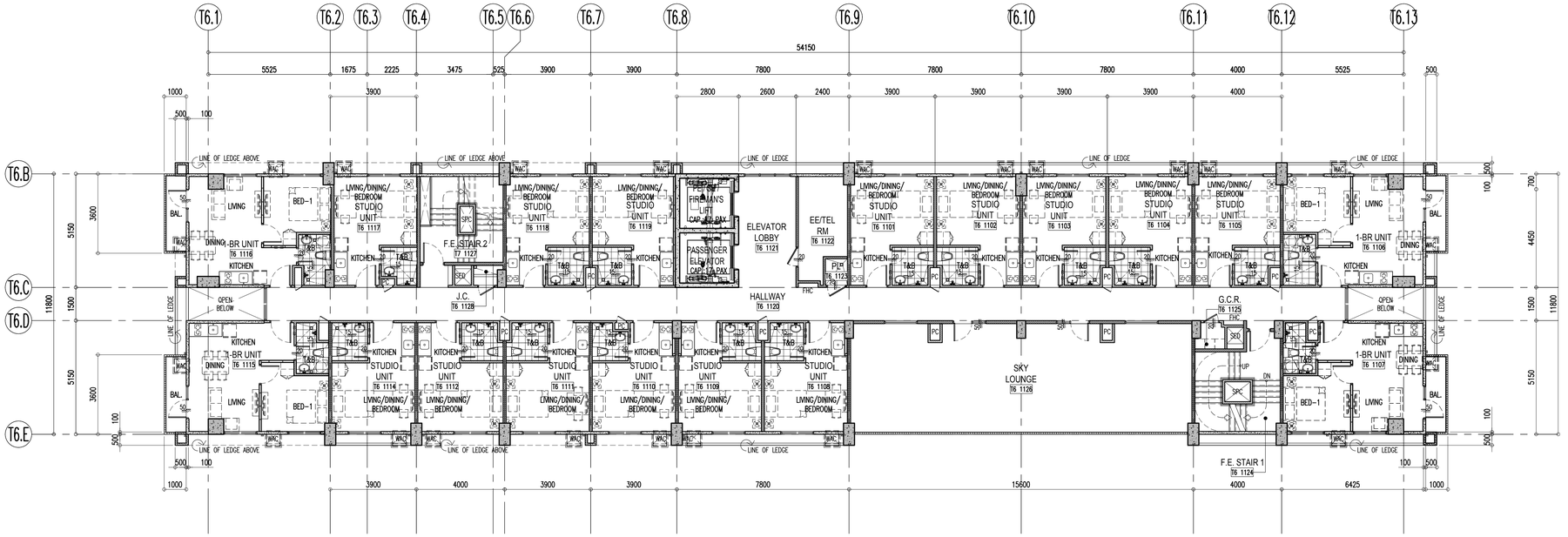
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Sheet Contents: TOWER 6 9TH FLOOR PLAN & 10TH FLOOR PLAN
Drawn by: LPPA Date: 26 OCT. 2021
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Rev.	Date	Description:	By:
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2			
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Issued for:
- ☐ CAAP Clearance
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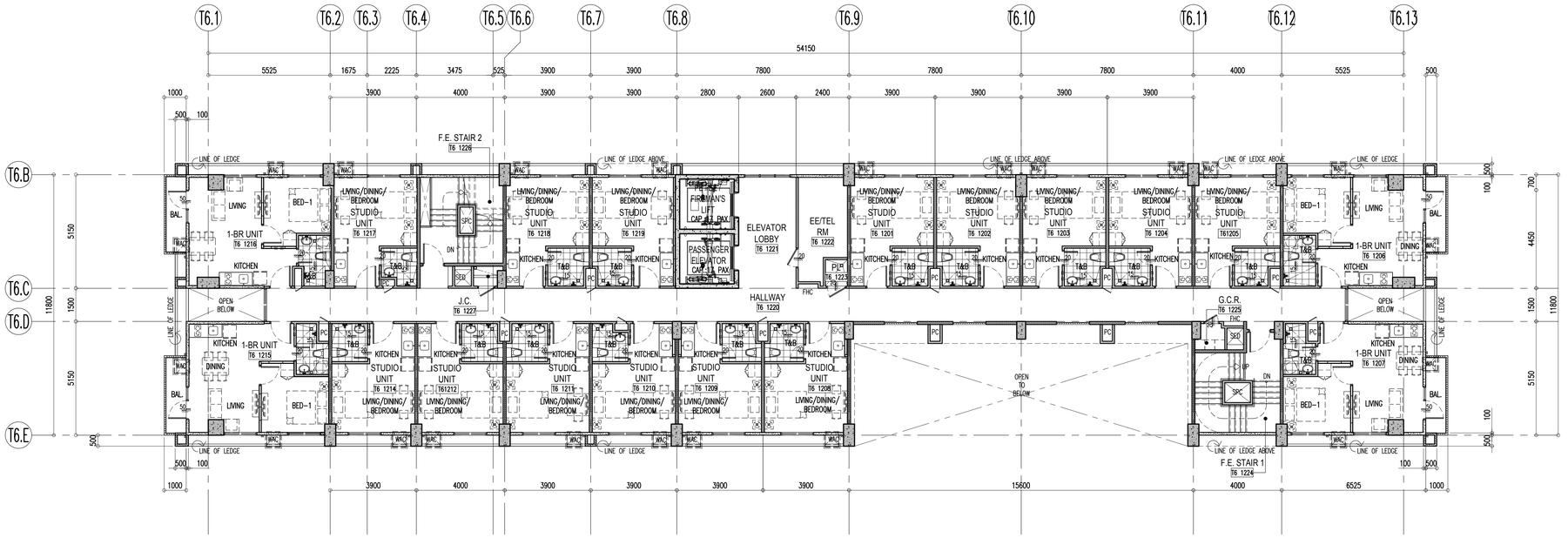
Sheet No.: A-2.05-T6
Job No.: 20-705
Last Modified: 26 OCT. 2021



NORTH

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.06 T6 — TOWER 6 ELEVENTH FLOOR PLAN
SCALE: 1:100M



NORTH

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A-2.06 T6 — TOWER 6 TWELFTH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 13MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS SHALL BE USED FOR CONSTRUCTION ONLY WHEN ALL DIMENSIONS HAVE BEEN VERIFIED AT THE SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THIS DRAWING IS NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED AT SITE PRIOR TO CONSTRUCTION OR FABRICATION. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THESE DRAWINGS SHALL BE USED FOR CONSTRUCTION ONLY WHEN ALL DIMENSIONS HAVE BEEN VERIFIED AT THE SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. ALL STRUCTURAL, ELECTRICAL, MECHANICAL, PLUMBING AND OTHER DESIGNS, DRAWINGS AND SPECIFICATIONS SHALL BE STRICTLY IN ACCORDANCE WITH THE LATEST EFFECTIVE BUILDING CODES, ORDINANCES AND REGULATIONS. ANY DEVIATIONS, CHANGES AND/OR ADDITIONS SHALL BE DONE ONLY AFTER PROPER CONSULTATIONS, AND ARE INTENDED AS FINAL. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION. DURING CONTRACT NEGOTIATIONS, AND AS INTERPRETED BY THE ARCHITECT / CONSULTANT. ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL TERMS DURING CONTRACT NEGOTIATIONS.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
EL 100	CHANGE IN ELEVATION TAG
100 mm 100	ZOCALO

LPPA DESIGN GROUP — LPPA Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

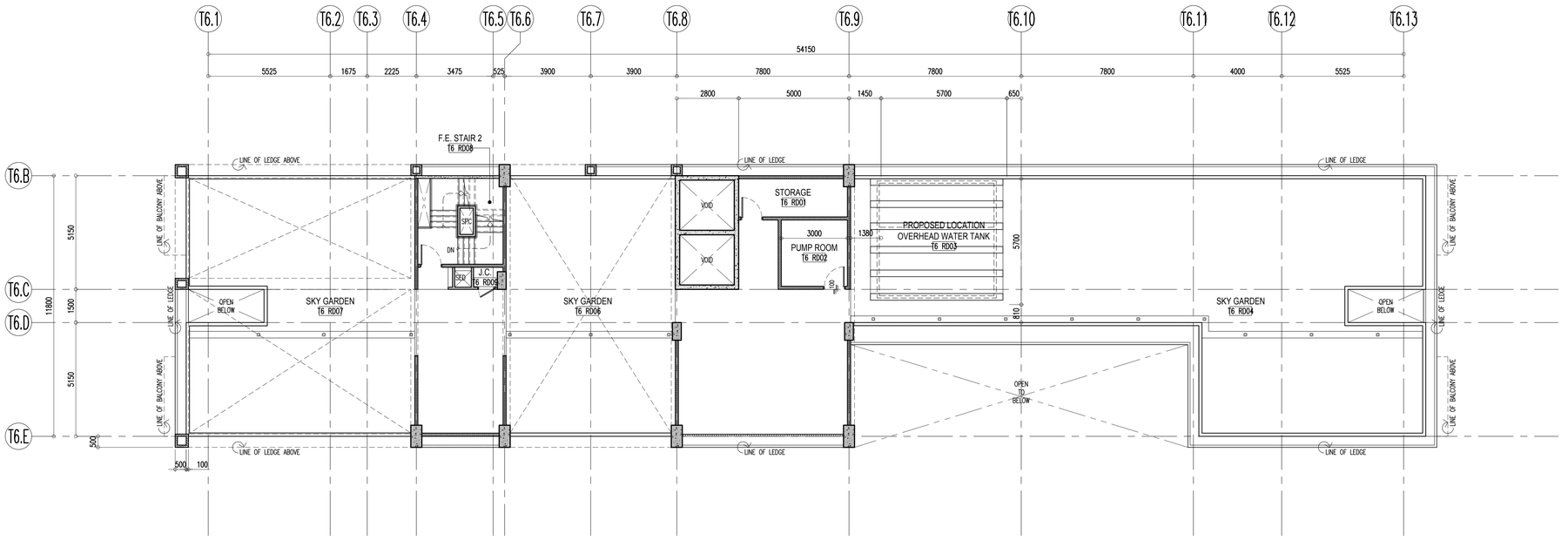
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 6 11TH FLOOR PLAN & 12TH FLOOR PLAN
Drawn by: LPPA Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
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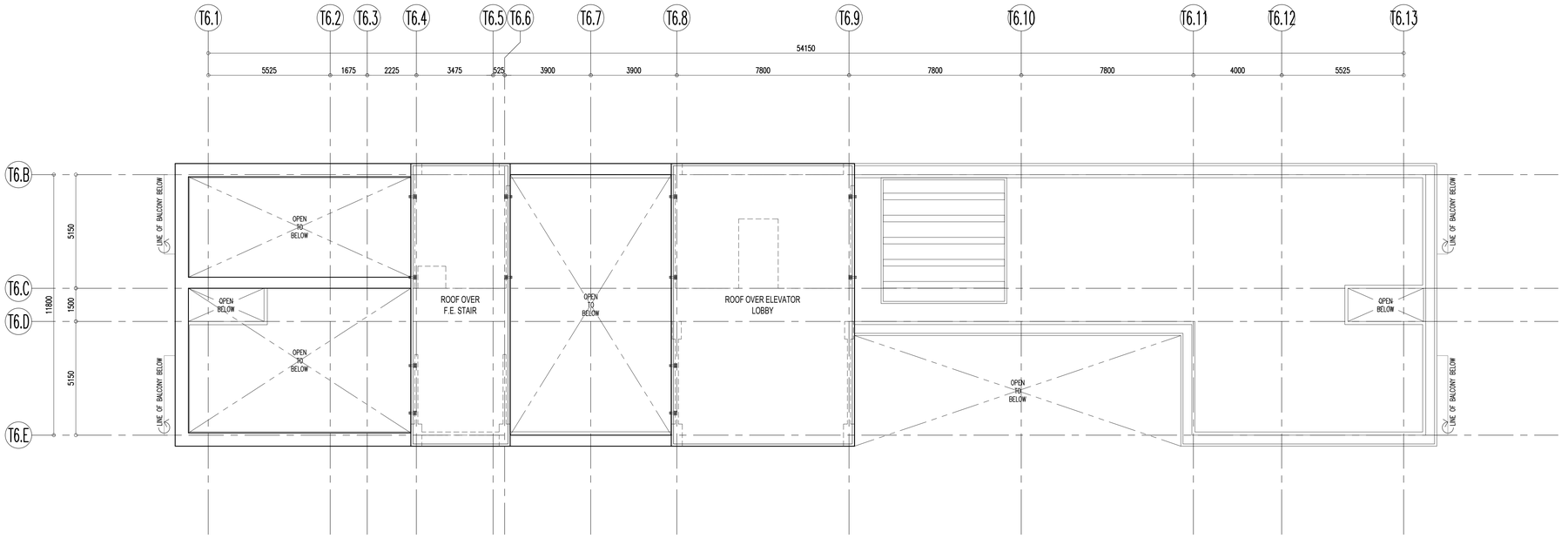
Sheet No.: A-2.06-T6
Job No.: 20-705
Last Modified: 26 OCT. 2021



NORTH

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.07 T6 TOWER 6 ROOF DECK FLOOR PLAN
SCALE: 1:100M



NORTH

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A-2.07 T6 TOWER 6 ROOF PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 13MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS SHALL BE USED FOR CONSTRUCTION ONLY BY THE CONTRACTOR, DESIGN DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES. ALL THE LATEST TECHNICAL BULLETINS, ADDENDA, CHANGES AND CLARIFICATIONS SHALL BE CONSIDERED AS PART OF THE CONTRACT DOCUMENTS. ALL DIMENSIONS MUST BE VERIFIED AT THE JOB SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THESE DRAWINGS ARE DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AS PART OF EXECUTION PLANS PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DO NOT SCALE THIS DRAWING, VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THESE DRAWINGS SHALL BE USED FOR CONSTRUCTION ONLY BY THE CONTRACTOR, DESIGN DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES. ALL THE LATEST TECHNICAL BULLETINS, ADDENDA, CHANGES AND CLARIFICATIONS SHALL BE CONSIDERED AS PART OF THE CONTRACT DOCUMENTS. ALL DIMENSIONS MUST BE VERIFIED AT THE JOB SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT. DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION. ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
1 A-100	CHANGE IN ELEVATION TAG
100 100 (MTRS)	ZOCALO

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Architect: LEO P. PARIÑAS
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DATE: JAN. 07, 2021 PLACE: QUEZON CITY

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

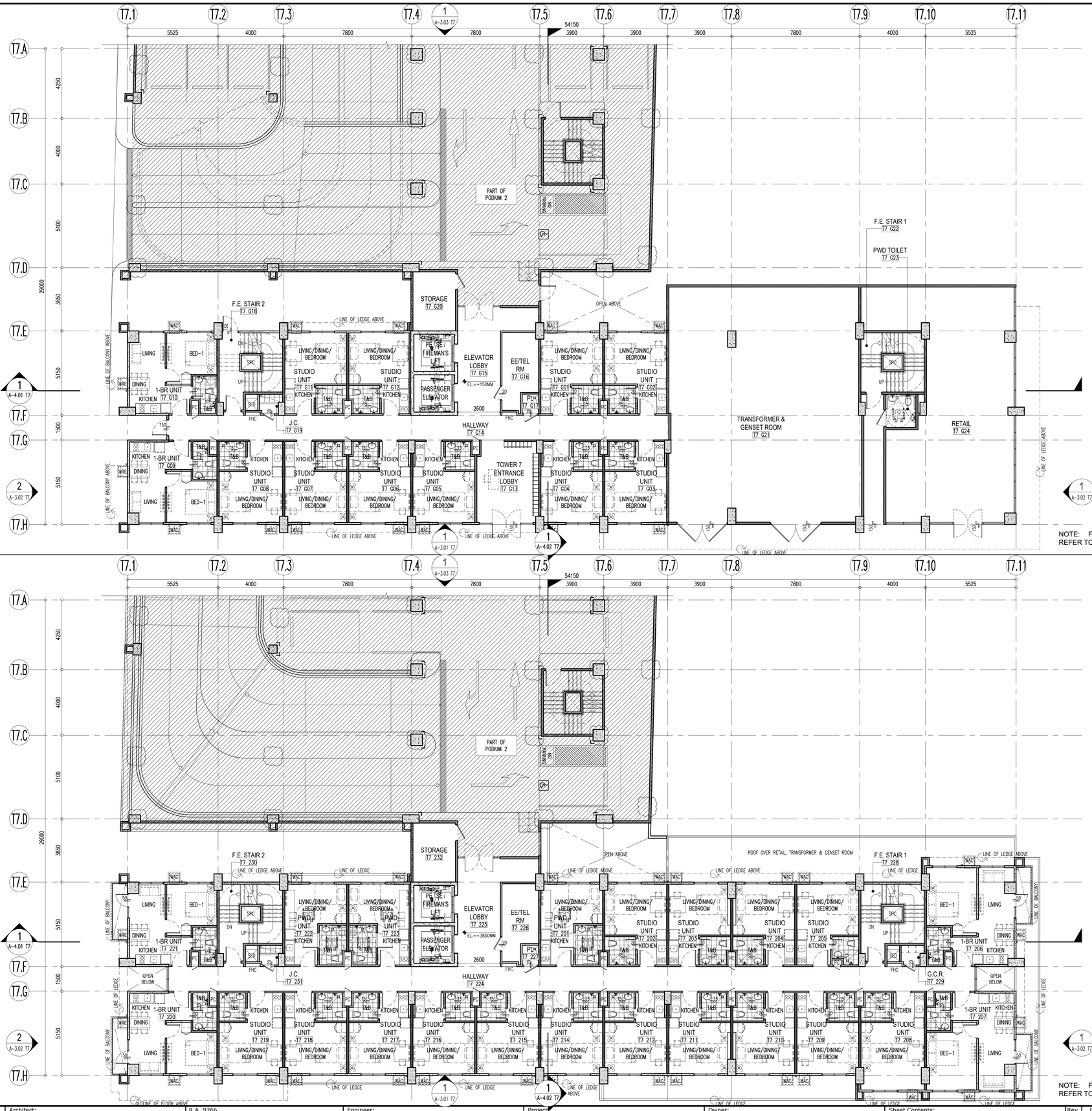
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Sheet Contents: TOWER 6 ROOF DECK PLAN & ROOF PLAN
Drawn by: LPPA Date: 26 OCT. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
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- ☐ Design Development
- ☐ Building Permit
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Sheet No.: A-2.07-T6
Job No.: 20-705
Last Modified: 26 OCT. 2021



1 / A–2.01 T7 — TOWER 7 GROUND FLOOR PLAN — SCALE: 1:100M

2 / A–2.01 T7 — TOWER 7 2ND FLOOR PLAN — SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAL) – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
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C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
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FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
FL100	CHANGE IN ELEVATION TAG
100 / 100 mm	ZOCALO

NOTE: THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DESIGN DRAWINGS AND PROVINCIAL ELECTRICAL DESIGN, BUILDING, AND ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

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Engineer: REG. NO.: PTR NO.: DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

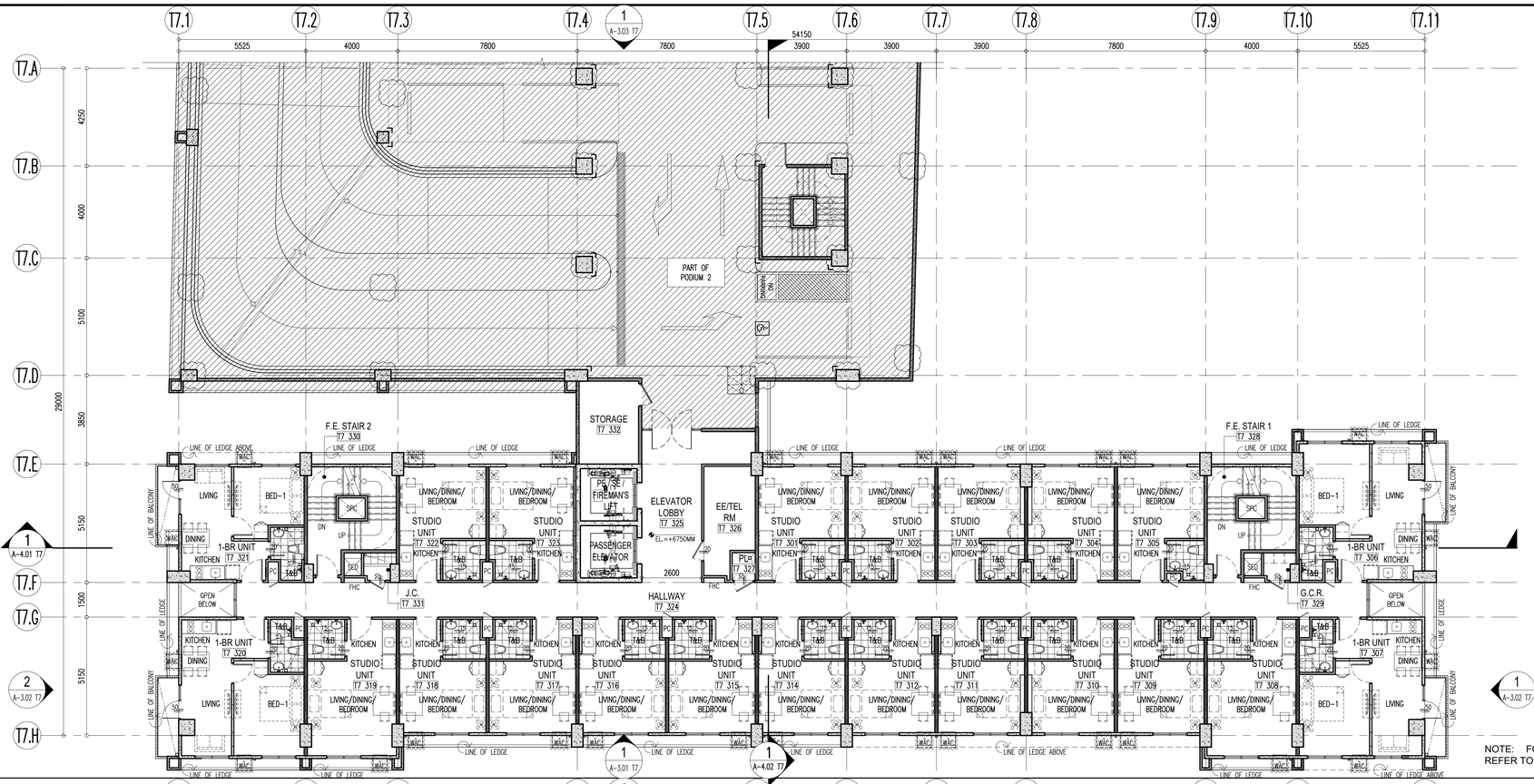
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Sheet Contents: TOWER 7 GROUND FLOOR PLAN & 2ND FLOOR PLAN
Drawn by: LPPA Date: 06 DEC 2021
Checked by: LCC/LP Designed by: LPP

Rev.	Date	Description:	By:

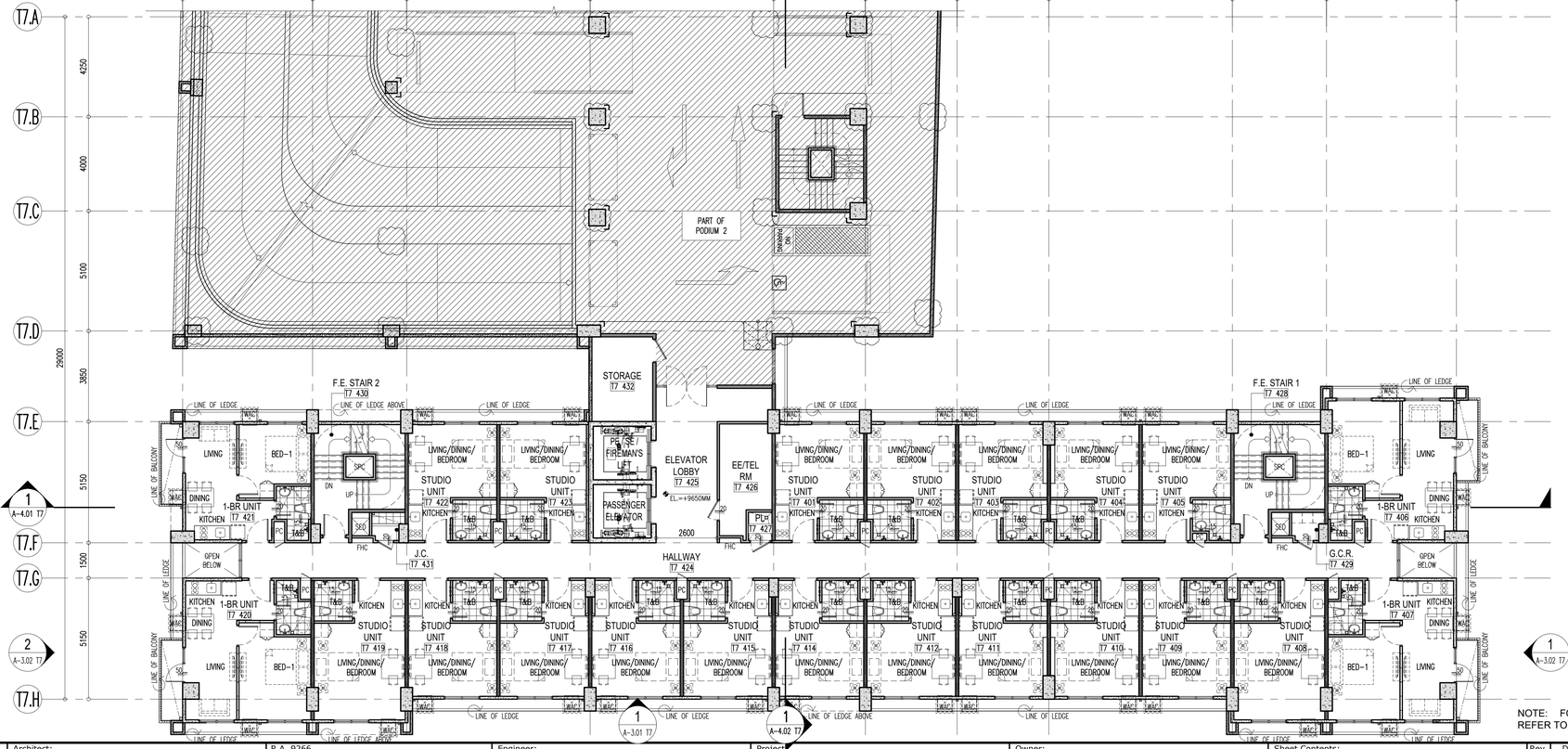
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Sheet No.: A-2.01 T7
Job No.: 20-705
Last Modified: 29 OCT 21



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.02 T7 — TOWER 7 3RD FLOOR PLAN — SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A-2.02 T7 — TOWER 7 4TH FLOOR PLAN — SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
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NOTE: THESE DRAWINGS ARE FOR CONSTRUCTION AND THE ARCHITECTURAL DESIGN DRAWINGS IMPORTANTLY THE LATEST DESIGNS, BUILDING DIMENSIONS, ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

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   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
FL 100	CHANGE IN ELEVATION TAG
100 100 CONC.	ZOCALO

NOTE: THIS DRAWING IS DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL CONFIRM ALL DIMENSIONS AT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

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Engineer: REG. NO.: | PTR NO.: | DATE: | PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

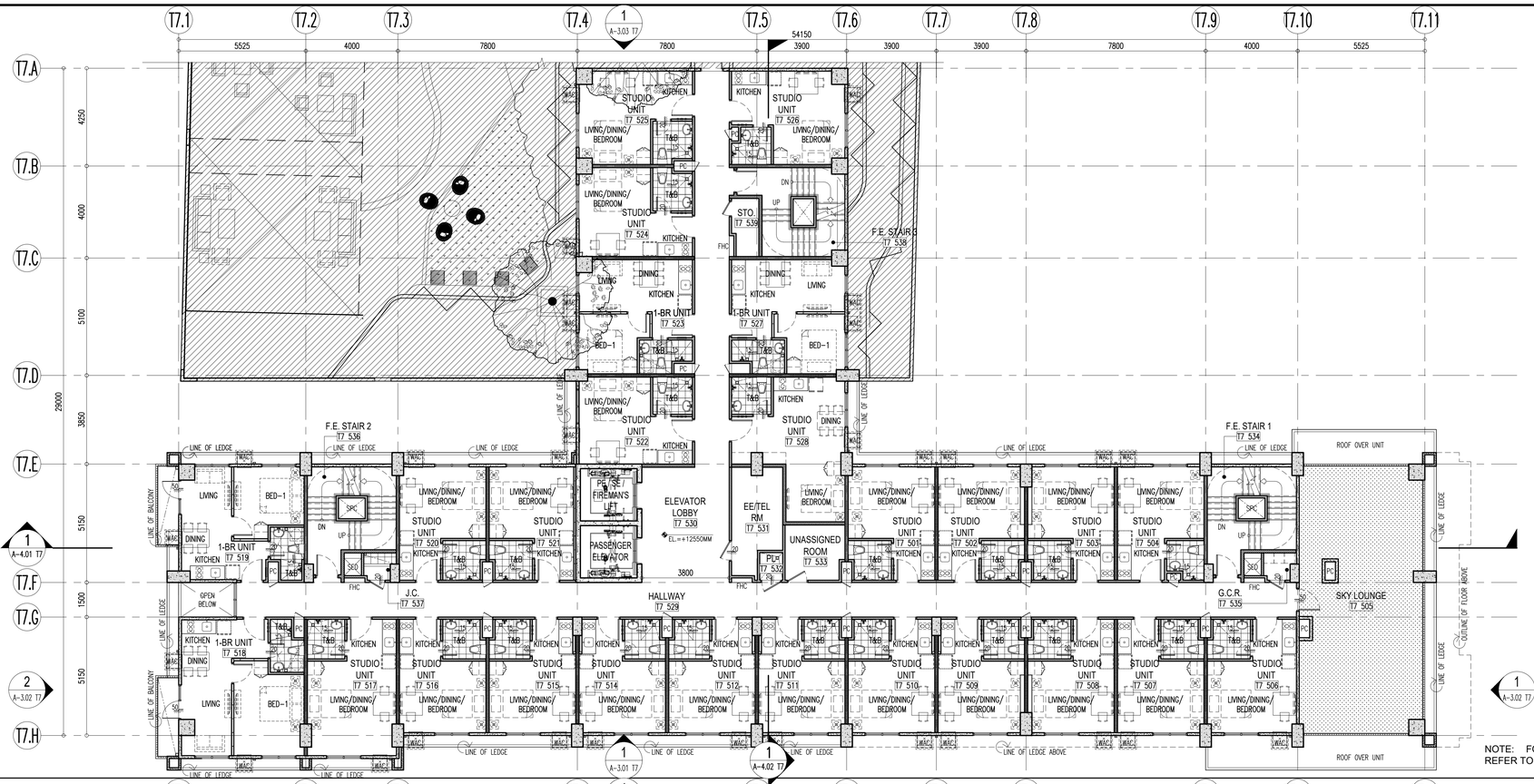
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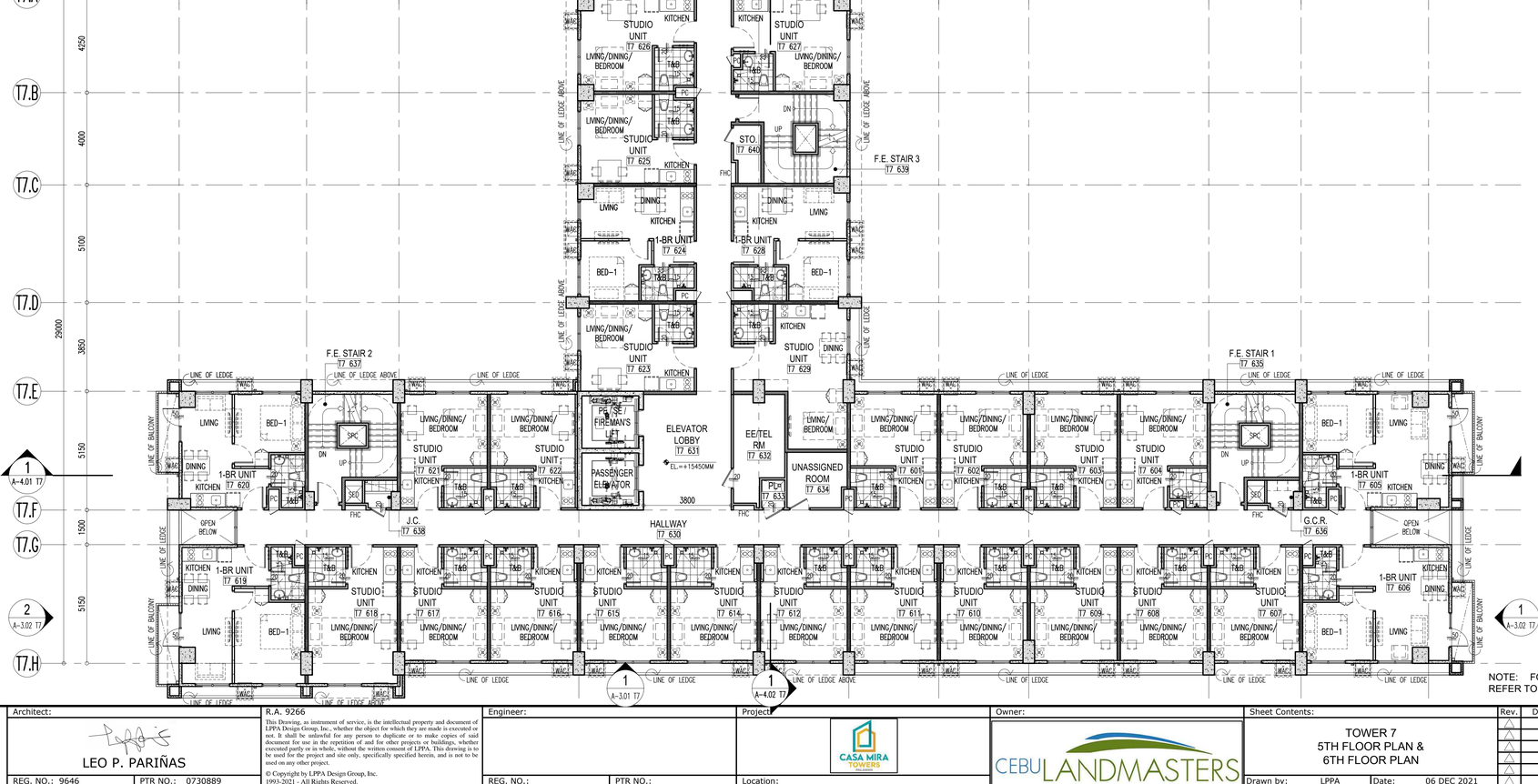
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- ☐ CAAP Clearance
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- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.02 T7
Job No.: 20-705
Last Modified: 29 OCT 21



1 A-2.03 T7 — TOWER 7 5TH FLOOR PLAN — SCALE: 1:100M

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS



2 A-2.03 T7 — TOWER 7 6TH FLOOR PLAN — SCALE: 1:100M

NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES.	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES.	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES.	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES.	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

NOTE: THESE DRAWINGS ARE TO BE USED FOR CONSTRUCTION ONLY IF THE ARCHITECT'S FINAL DESIGN DRAWINGS INCORPORATING ALL THE LATEST REVISIONS, BULLETINS, ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE ENTRENCHED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THIS DRAWING IS DERIVED FROM PARALLAX INFORMATION. CHECK ALL DIMENSIONS AT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL 100	CHANGE IN ELEVATION TAG
100 / 100	ZOCALO

LPPA DESIGN GROUP — Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
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Architect: LEO P. PARIÑAS
REG. NO.: 9646 | PTR NO.: 0730889
DATE: JAN. 07, 2021 | PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: | PTR NO.:
DATE: | PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

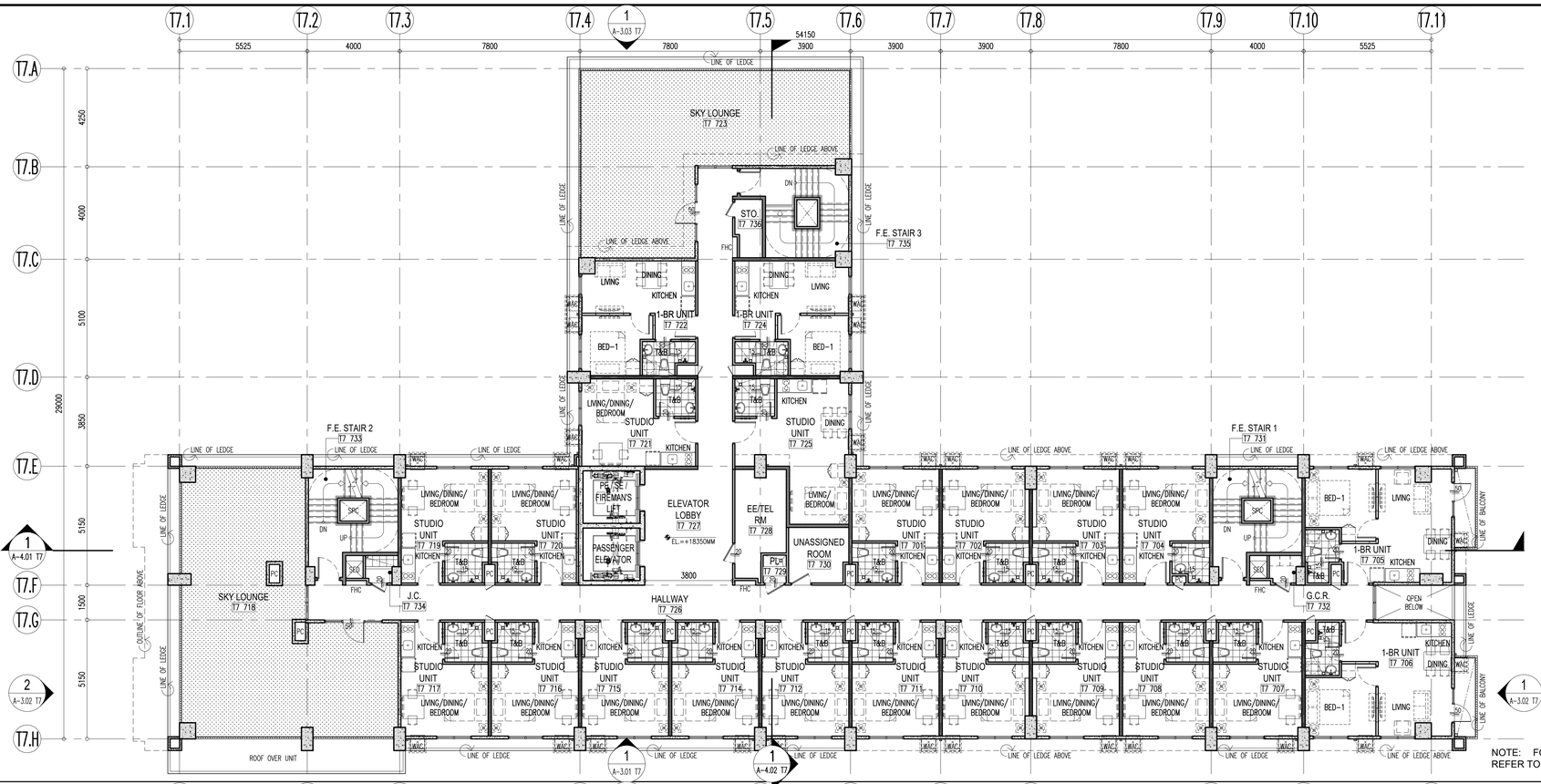
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 7 5TH FLOOR PLAN & 6TH FLOOR PLAN
Drawn by: LPPA | Date: 06 DEC 2021
Checked by: LCC/LP | Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
3			
4			
5			

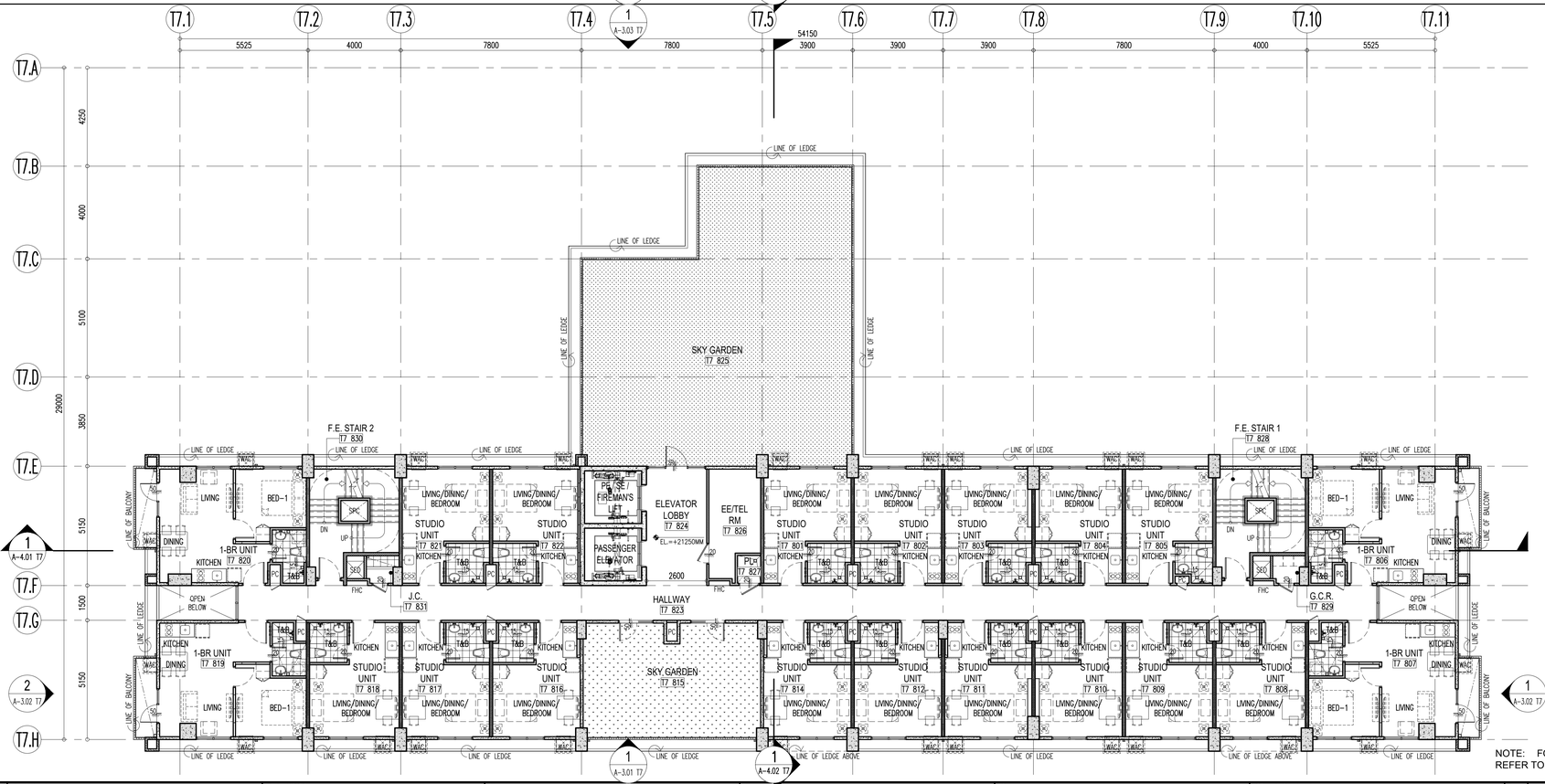
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Sheet No.: A-2.03 T7
Job No.: 20-705
Last Modified: 29 OCT 21



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.04 T7 — TOWER 7
7TH FLOOR PLAN
SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A-2.04 T7 — TOWER 7
8TH FLOOR PLAN
SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
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C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
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C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
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FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
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NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
FL 100	CHANGE IN ELEVATION TAG
100 FINISH FLOOR LINE	ZOCALO

NOTE: THIS DRAWING IS DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL CHECK ALL DIMENSIONS PART OF EXECUTION OF PROJECT. SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. ENGINEERING PROCEDURES AND OTHERS AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE ENTERED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THIS DRAWING IS DESIGNED FOR CONSTRUCTION AS THE ARCHITECTS FINAL DESIGN DRAWINGS REPRESENTING ALL THE LATEST RESIDENTIAL BUILDING ADDENDUM CHANGES REQUESTED BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

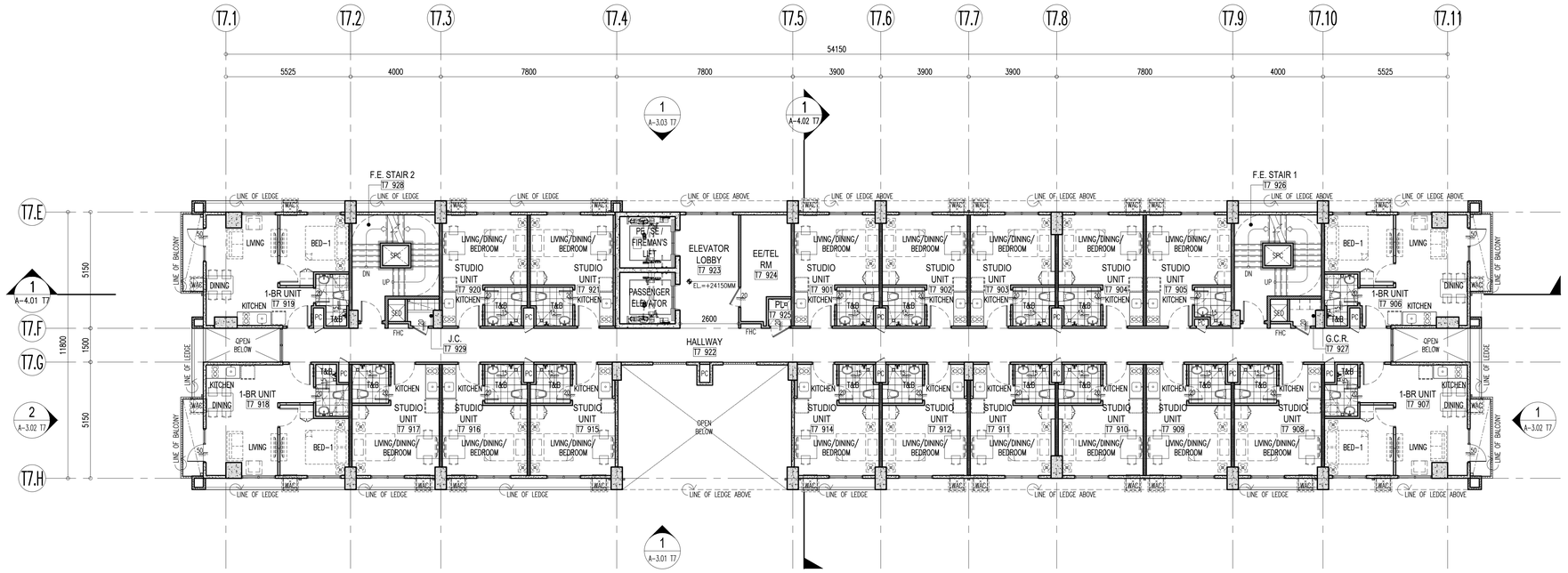
Architect:	LEO P. PARIÑAS REG. NO.: 9646 PTR NO.: 0730889 DATE: JAN. 07, 2021 PLACE: QUEZON CITY
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Engineer:	REG. NO.: PTR NO.: DATE: PLACE:
Project:	CASA MIRA TOWERS PALAWAN Location: Puerto Princesa, Palawan
Owner:	CEBU LANDMASTERS
Sheet Contents:	TOWER 7 7TH FLOOR PLAN & 8TH FLOOR PLAN Drawn by: LPPA Date: 06 DEC 2021 Checked by: LCC/LP Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
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Sheet No.: A-2.04 T7
Job No.: 20-705
Last Modified: 29 OCT 21

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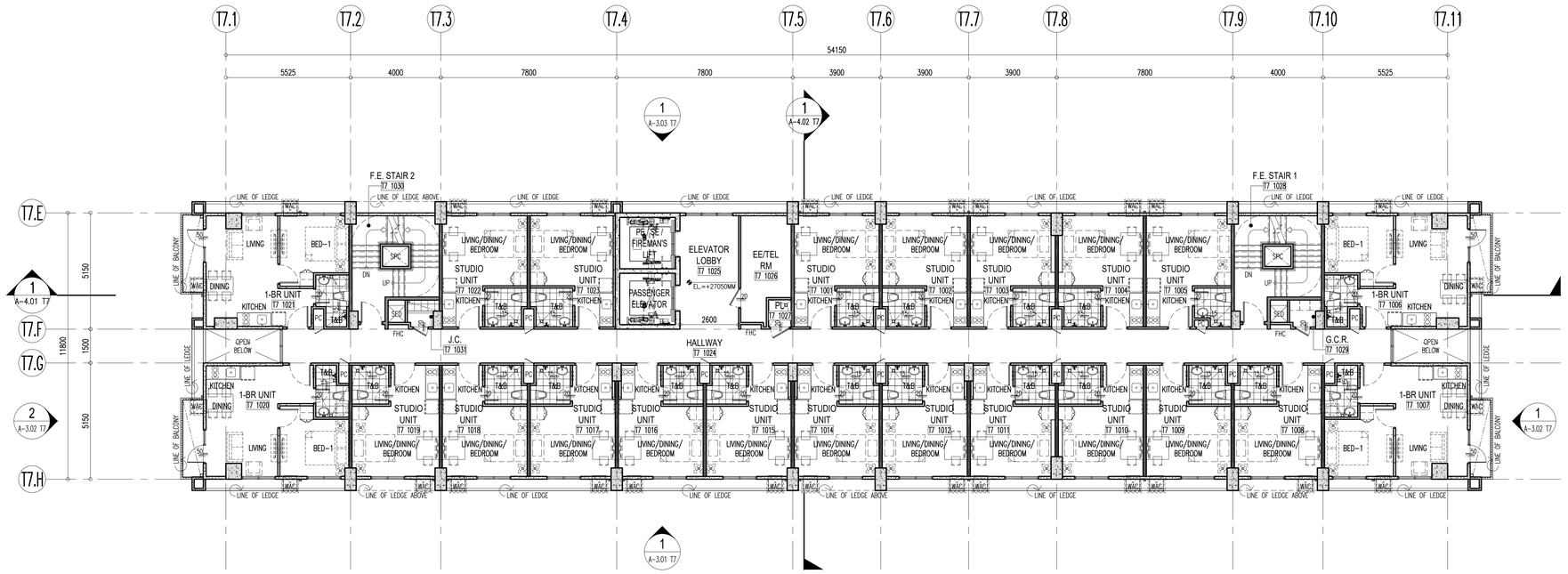


NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A–2.05 T7

TOWER 7
9TH FLOOR PLAN

SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 A–2.05 T7

TOWER 7
10TH FLOOR PLAN

SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
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WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
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C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERRKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
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C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
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FIRE RATING SPECIFICATION FOR MASONRY WALLS

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NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

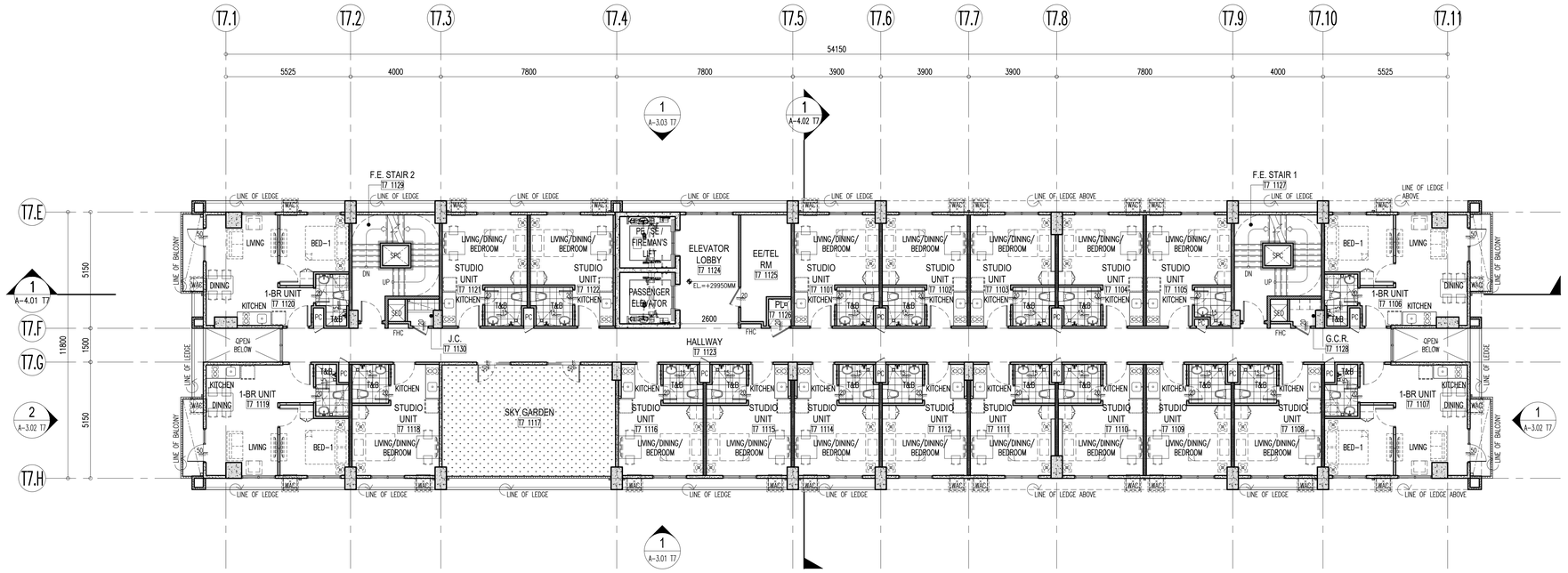
RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 FFL 100	ZOCALO

NOTE: THESE DRAWINGS ARE BEING ISSUED FOR CONSTRUCTION ARE THE ARCHITECTS FINAL DESIGN DRAWINGS REFLECTING ALL THE LATEST ADDENDA, BULLETINS, REVISIONS, CHANGES AND OTHERS AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE ENTERED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

NOTE: THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON THESE DRAWINGS FROM AVAILABLE INFORMATION, CONFIRM ALL DIMENSIONS AT SITE PRIOR TO STARTING CONSTRUCTION OR FABRICATION. DO NOT SCALE THIS DRAWING. VERIFY ACTUAL DIMENSIONS ON SITE. PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

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Architect:	R.A. 9266	Engineer:	Project:	Owner:	Sheet Contents:	Rev.	Date	Description:	By:	Issued for:	Sheet No.:
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DATE: JAN. 07, 2021 / PLACE: QUEZON CITY	www.lppadesign.com.ph	DATE: / PLACE:			Checked by: LCC/LP / Designed by: LPP						Job No.: 20-705
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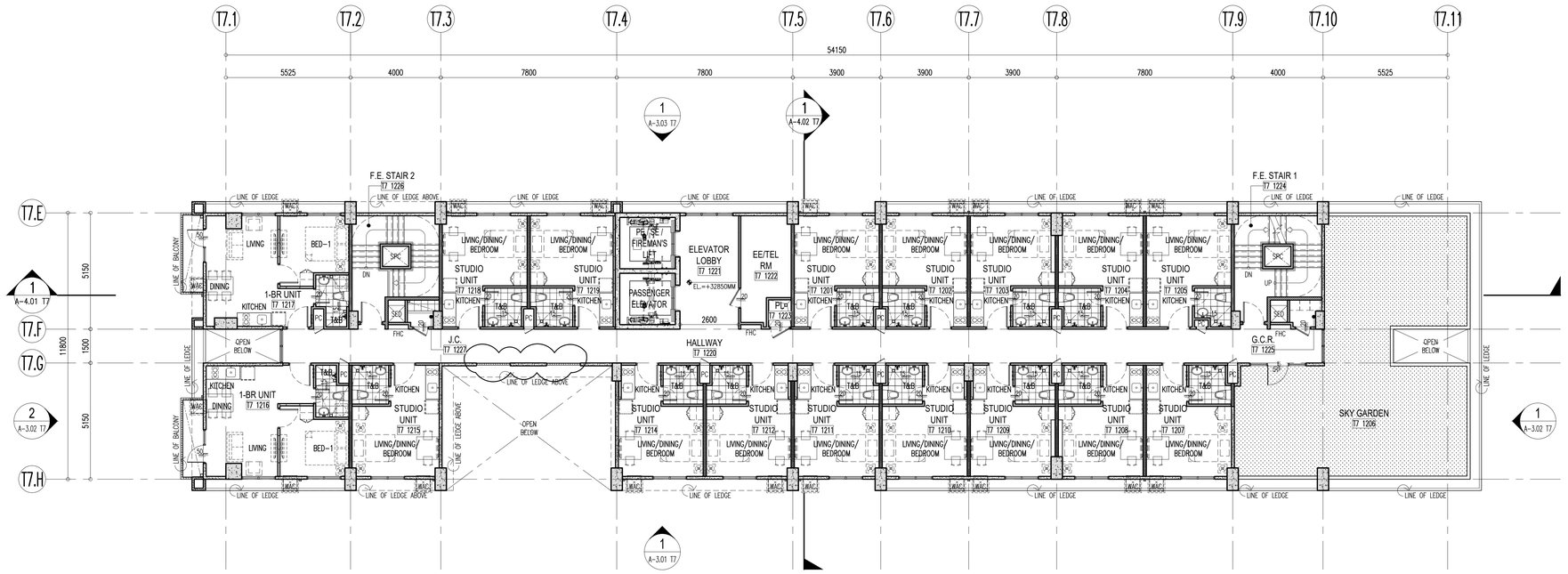


NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 / A-2.06 T7

TOWER 7
11TH FLOOR PLAN

SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

2 / A-2.06 T7

TOWER 7
12TH FLOOR PLAN

SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

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WALL LEGEND

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C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2C	160	160MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
C3C	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON BOTH/ALL SIDES
C4	105	105MM THK. WALL – 100MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C5	135	135MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON BOTH SIDES
C5A	130	130MM THK. WALL – 125MM THK. PRE–CAST WALL W/ 5MM THK. SKIM COAT ON ONE SIDE
C6	110	110MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON BOTH SIDES W/ 5MM THK. SKIM COAT ON EXPOSED SIDE
C6A	93	93MM THK. DRYWALL – 76MM X 35MM METAL STUDS ON 12MM THK. GYPSUM BOARD ON ONE SIDE W/ 5MM THK. SKIM COAT ON EXPOSED SIDE

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 ZOCALO 100	ZOCALO

NOTE: THESE DRAWINGS ARE DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL DIMENSION VERIFY ALL THE LATEST REVISIONS, BULLETINS, ADDENDA, CHANGE ORDERS & DRAWINGS PERTAINING TO THE PROJECT PRIOR TO STARTING CONSTRUCTION OR FABRICATION.

NOTE: THESE DRAWINGS DESCRIBE CONSTRUCTION AS IT IS INTENDED TO BE BUILT. DISCREPANCIES BETWEEN THESE DRAWINGS AND ACTUAL CONDITIONS AS EXISTING PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION, DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THE CONTRACTOR SHALL VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING ANY CONSTRUCTION AND/OR FABRICATION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT / ENGINEER FOR RESOLUTION. ANY CHANGES MADE ON THE JOB SITE WITHOUT THE KNOWLEDGE OF THE ARCHITECT / ENGINEER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

NOTE: THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT/S. FINAL CODED DRAWINGS SHOWING ALL THE LATEST REVISIONS, BULLETINS, ADDENDA, CHANGE ORDERS & ENGINEERING PROCEDURES AND OTHERS AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE ENTERED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

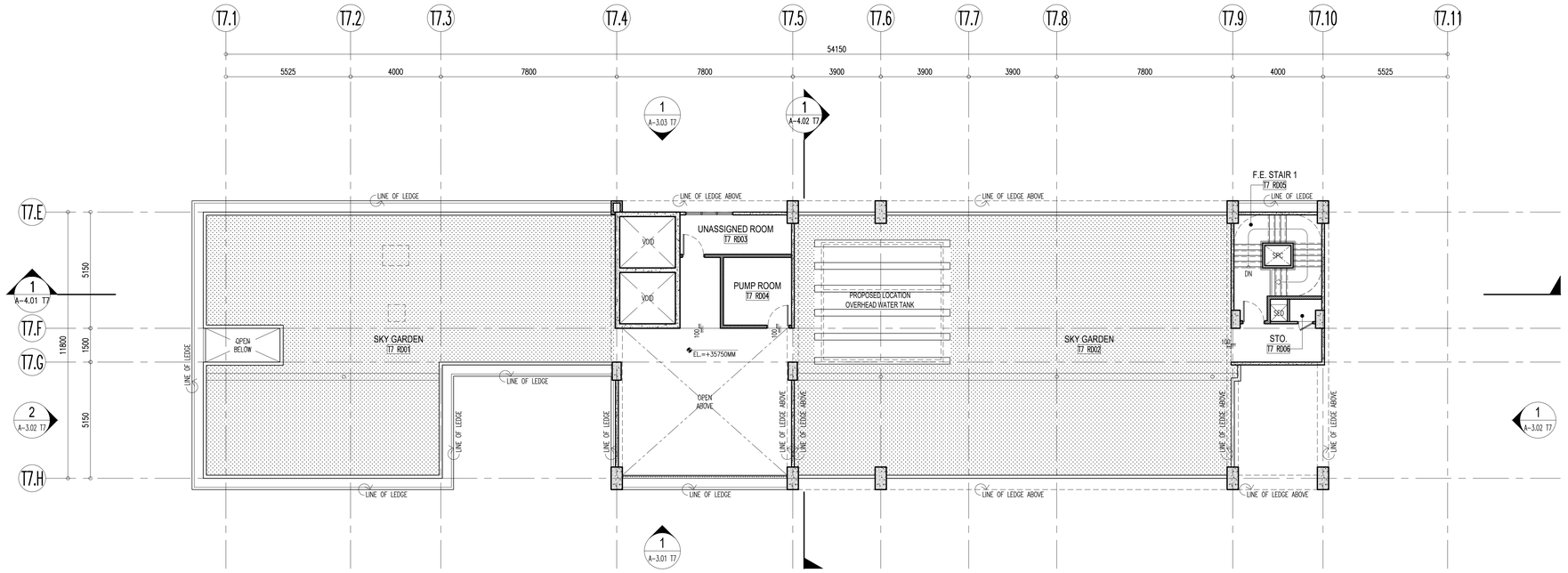
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 7 11TH FLOOR PLAN & 12TH FLOOR PLAN
Drawn by: LPPA Date: 06 DEC 2021
Checked by: LCC/LP Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
3			
4			
5			
6			
7			

Issued for:
- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

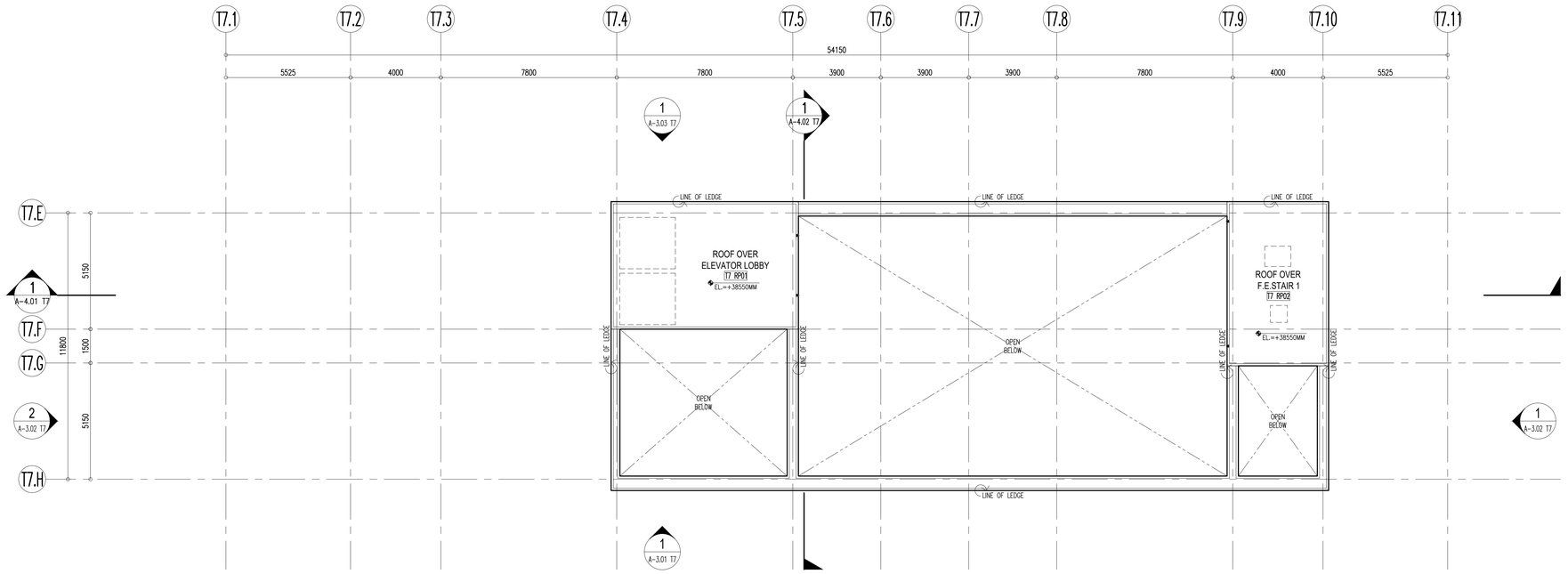
Sheet No.: A-2.06 T7
Job No.: 20-705
Last Modified: 29 OCT 21



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.07 T7 — TOWER 7 ROOF DECK PLAN

SCALE: 1:100M



NOTE: FOR RC LEDGE LOCATION, REFER TO BUILDING ELEVATIONS

1 A-2.07 T7 — TOWER 7 ROOF PLAN

SCALE: 1:100M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1C	120	120MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON BOTH SIDES
C1D	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C1E	110	110MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK100–100MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C2	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C2A	145	145MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C2B	155	155MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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C2D	150	150MM THK. WALL – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT & WALL TILES ON TILE ADHESIVE ON ONE SIDE
C2E	150	150MM THK. WALL (LOW WALL/ GUARD RAIL) – WRK140–140MM THK. WERKHOF AAC BLOCKS W/ 5MM THK. SKIM COAT ON TOP & BOTH SIDES
C3	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN W/ 5MM THK. SKIMCOAT ON ONE SIDE
C3A	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ COLUMN W/ 5MM THK. SKIM COAT ON BOTH/ALL SIDES
C3B	VARIES	REINFORCED CONCRETE WALL/ SHEAR WALL/ RETAINING WALL/ COLUMN; PROVIDE WATERPROOFING ON ONE SIDE
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FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. MASONRY (AAC) BLOCKS

NOTE: MASONRY (AAC) BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
TL100	CHANGE IN ELEVATION TAG
100 100 SATIN	ZOCALO

NOTE: THIS DRAWING IS USED FOR CONSTRUCTION ONLY IF THE ARCHITECT'S FINAL CODING / DRAWINGS APPROVAL HAS BEEN OBTAINED FROM ALL THE LATEST REVISIONS, BULLETINS, ADDENDA, CHANGE ORDERS & CHANGES REQUESTED BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

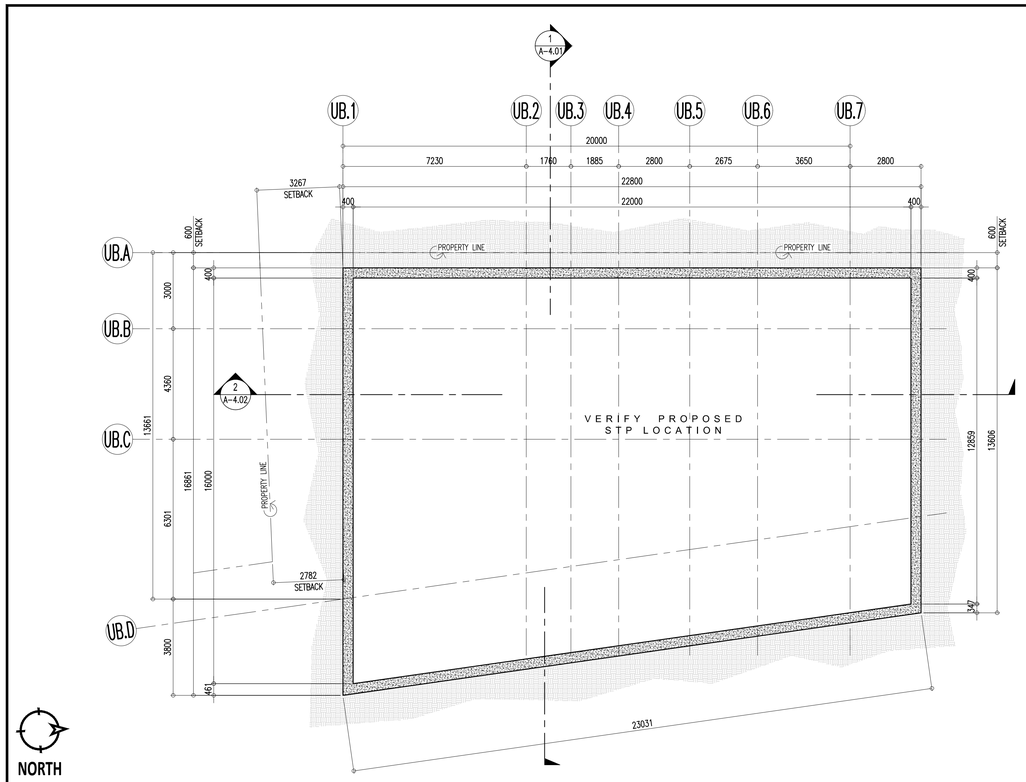
Owner: CEBU LANDMASTERS

Sheet Contents: TOWER 7 ROOF DECK PLAN & ROOF PLAN
Drawn by: LPPA Date: 06 DEC 2021
Checked by: LCC/LP Designed by: LPP

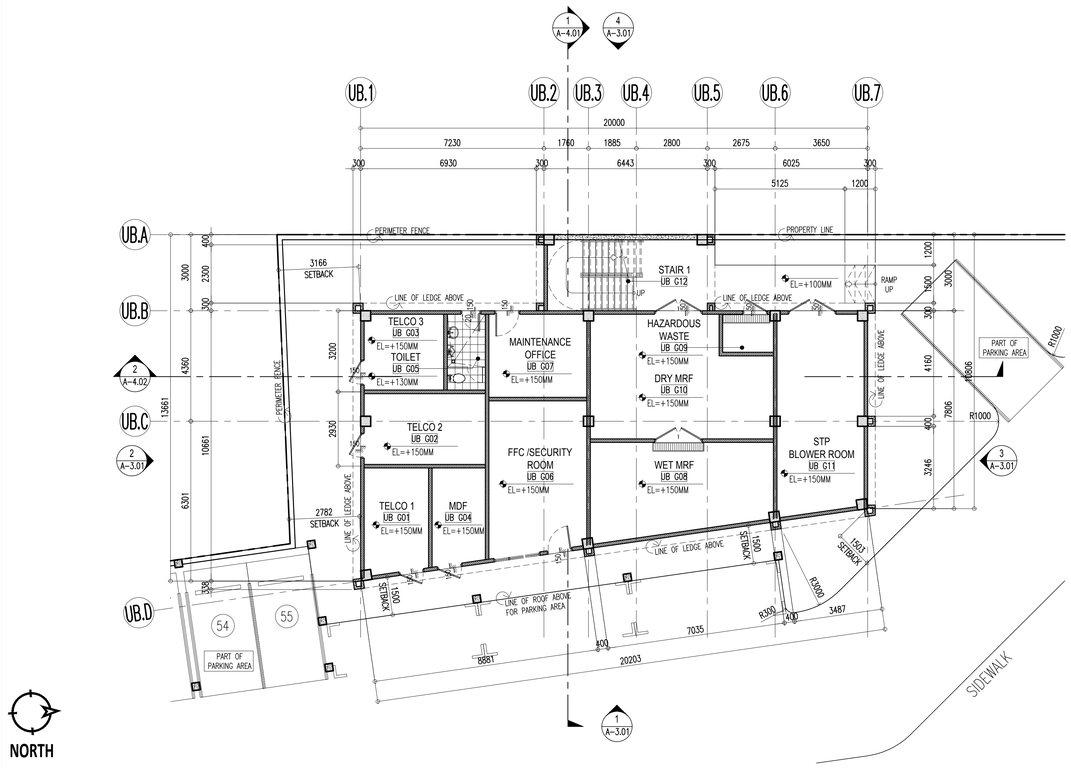
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- ☐ CAAP Clearance
- ☐ PALC
- ☐ HLURB
- ☐ ECC
- ☐ Design Development
- ☐ Building Permit
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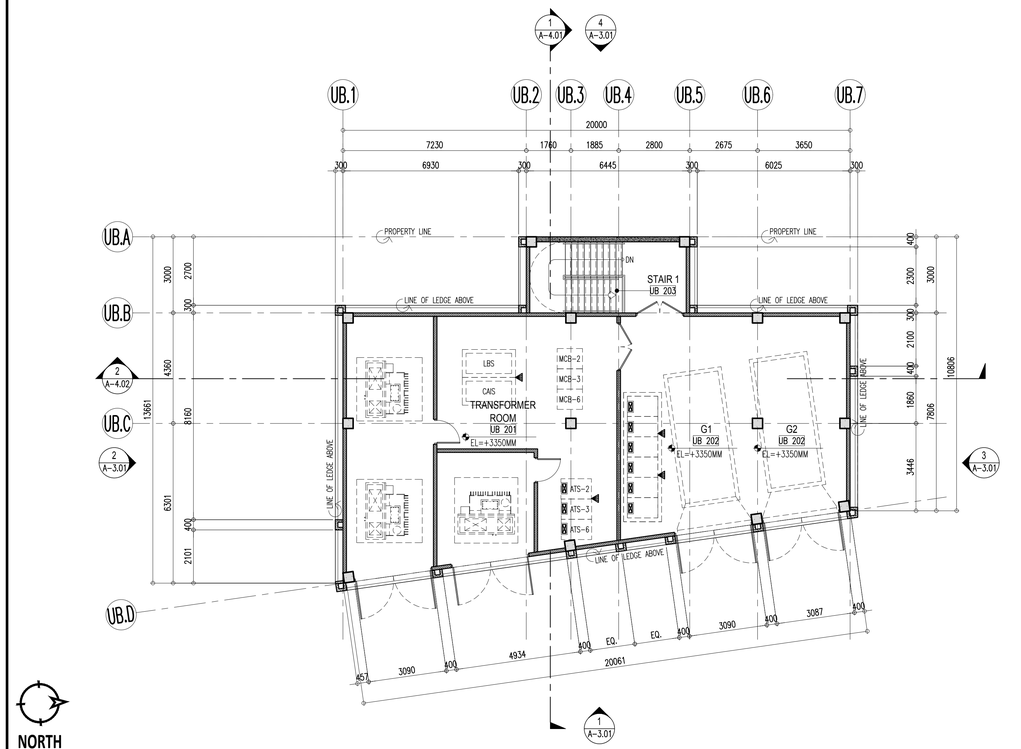
Sheet No.: A-2.07 T7
Job No.: 20-705
Last Modified: 29 OCT 21



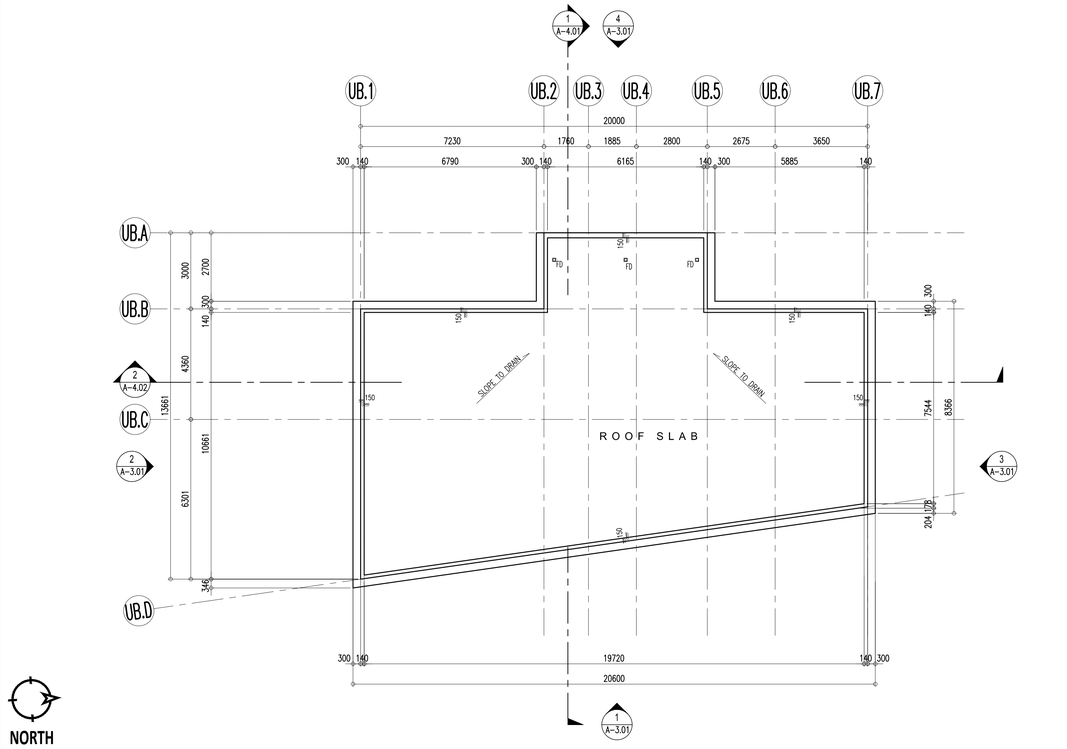
1 A-2.01-UB — UTILITY BUILDING
UNDERGROUND TANK PLAN
SCALE: 1:100 MTS.



2 A-2.01-UB — UTILITY BUILDING
GROUND FLOOR PLAN
SCALE: 1:100 MTS.



3 A-2.01-UB — UTILITY BUILDING
SECOND FLOOR PLAN
SCALE: 1:100 MTS.



4 A-2.01-UB — UTILITY BUILDING
ROOF PLAN
SCALE: 1:100 MTS.

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

WALL LEGEND

C1	110	110MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDES
C1A	105	105MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON ONE SIDE
C1B	115	115MM THK. WALL – WRK100–100MM THK. WERKHOF BLOCKS W/ 5MM THK. SKIM COAT ON BOTH SIDE & WALL TILES ON TILE ADHESIVE ON ONE SIDE
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NOTE: THESE DRAWINGS ARE DERIVED FROM AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THESE DRAWINGS DEPICT CONCEPTUAL ARCHITECTURAL DESIGN DRAWINGS SUBMITTED BY VERTICAL DEVELOPER TO PROJECT SITE PRIOR TO STARTING CONSTRUCTION OR EXCAVATION. ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL TERMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.

FIRE RATING SPECIFICATION FOR MASONRY WALLS

1. TWO HOURS (2–HRS.) RATED WALLS
   A. 100MM/140MM THK. WERKHOF CMU BLOCKS

NOTE: WERKHOF CMU BLOCK CELLS ARE TO BE FILLED WITH MORTAR FOR SOUND ATTENUATION PURPOSES.

TAG LEGEND

RM00	ROOM NO. TAG
T100	CHANGE IN ELEVATION TAG
100 T100	ZOCALO

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Architecture Planning Design
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Architect: LEO P. PARIÑAS	REG. NO.: 9646	PTR NO.: 0730889	DATE: JAN. 07, 2021 PLACE: QUEZON CITY
Engineer:	REG. NO.:	PTR NO.:	DATE: PLACE:
Project: CASA MIRA TOWERS PALAWAN	Location: Puerto Princesa, Palawan		
Owner: CEBU LANDMASTERS			

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Sheet Contents: UTILITY BUILDING UNDERGROUND TANK PLAN, GROUND FLR PLAN, SECOND FLR PLAN, ROOF PLAN

Drawn by: JBS Date: 02 DEC. 2021
Checked by: LCC Designed by: LPP

Rev.	Date	Description:	By:

Issued for:
- ☐ CAAP Clearance
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- ☐ HLURB
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- ☐ Design Development
- ☐ Building Permit
- ☐ Contract Documents
- ☐ Bidding
- ☐ Construction

Sheet No.: A-2.01
Job No.: 20-705
Last Modified: 02 DEC. 2021

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
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Building Official: Date:



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2nd Floor, Zenkyrofa Building, South Triangle, 415 1104 Quezon City, Philippines 1103
T: (632) 8709-9999 F: (632) 8709-9994 E: lppa@lppadesign.com.ph W: www.lppadesign.com.ph

Architect: LEO P. PARIÑAS REG. NO.: 9646 PTR NO.: 0730889 DATE: JAN. 07, 2021 PLACE: QUEZON CITY	R.A. 9266 This Drawing, as instrument of service, is the intellectual property and document of LPPA Design Group, Inc., whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or to make copies of said document for use in the repetition of said for other projects or buildings, whether executed partly or in whole, without the written consent of LPPA. This drawing is to be used for the project and site only, specifically specified herein, and is not to be used on any other project. © Copyright by LPPA Design Group, Inc. 1983-2021 - All Rights Reserved. www.lppadesign.com.ph	Engineer: REG. NO.: PTR NO.: DATE: PLACE:	Project: CASA MIRA TOWERS PUERTO Location: Puerto Princesa, Palawan	Owner: CEBU LANDMASTERS	Sheet Contents: EXTERIOR PERSPECTIVES Drawn By: LPPA Date: Checked By: LPP Designed By: LPP	Rev.	Date	Description:	By:	Issued For: CAAP Clearance PALC HLURB ECC Design Development Building Permit Contract Documents Bidding Construction	Sheet No.: Job No.: 20-705 Last Modified:

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

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Section Head: Date:
Approved by:

Building Official: Date:



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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS PALAWAN
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

Sheet Contents: EXTERIOR PERSPECTIVES
Drawn by: LPPA Date:
Checked by: LPP Designed by: LPP

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- PALC
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- ECC
- Design Development
- Building Permit
- Contract Documents
- Bidding
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Office of the Building Official
City of Puerto Princesa, Palawan

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LPPA DESIGN GROUP
LPPA Architecture Planning Design

Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

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Location: Puerto Princesa, Palawan

Owner:
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Owner: CEBU LANDMASTERS

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Location: Puerto Princesa, Palawan

Owner:
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Owner:
CEBU LANDMASTERS

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CMT-PALAWAN	TGFA (CFA)	GFA	NSA/ NLA	EFFICIENCY (NSA/GFA)	NO. OF FLOOR	NO. OF UNITS PER FLOOR					TOTAL NO. OF UNITS/ TOWER	NO. OF RETAIL UNITS	NO. OF PARKING
						STUDIO	STUDIO W/ BALCONY	ONE BEDROOM	ONE BEDROOM W/ BALCONY	TOTAL			
Clubhouse													
Ground Floor	**654.10**	**393.68**	-	-	1	-	-			-		-	-
Second Flr	**583.85**	**158.45**	-	-	1	-	-			-		-	-
Roof Deck	**506.48**	**43.20**	-	-	-	-	-			-	-	-	-
Clubhouse Total	**1,744.43**	**595.33**	-	-	2							-	-
Pool Area													
Wood Deck	**221.67**	-	-	-	2	-	-			-		-	-
Swimming Pool	**905.08**	-	-	-	-	-	-			-	-	-	-
Pool Area Total	**1,126.75**	-	-	-	2							-	-
Parking and Retail Podium 1 (Tower 1 & 2)													
Basement	**4,448.00**	**122.18**	-	-	1	-	-			-		-	88
Ground Floor	**1,582.94**	**503.59**	**328.39**	65%	1	-	-			-		6	-
2nd Floor	**1,576.51**	**30.93**	-	-	1	-	-			-		-	27
3rd Floor	**1,576.51**	**30.36**	-	-	1	-	-			-	-	-	27
4th Floor	**1,576.51**	**30.36**	-	-	1	-	-			-		-	29
Amenity Deck	**572.30**	**64.00**	-	-	1	-	-			-		-	-
Parking and Retail Total	**11,332.77**	**781.42**	**328.39**	65%	6							6	171
Parking and Retail Podium 2 (Tower 6 & 7)													
Basement	**3,050.28**	**103.72**	-	-	1	-	-			-			51
Ground Floor	**1,795.15**	**599.18**	**521.59**	87%	1	-	-			-		4	17
2nd Floor	**1,263.00**	**14.96**	-	-	1	-	-						22
3rd Floor	**1,263.00**	**14.96**	-	-	1	-	-			-		-	21
4th Floor	**1,263.00**	**14.96**	-	-	1	-	-			-	-	-	23
Amenity Deck	**933.59**	**103.30**	-	-	1	-	-			-		-	-
Parking and Retail Total	**9,568.02**	**851.08**	**521.59**	87%	6							4	134
Guardhouse													
Guardhouse	8.00 x 3 **24.00**	8.00 x 3 **24.00**	-	-	1	-	-			-		-	-
Guardhouse Total	**24.00**	**24.00**	-	87%	-						-	-	-
Retail Pods													
Retail Pod A	**16.00**	**16.00**	**16.00**	100%	1	-	-			-		1	-
Retail Pod B	**16.00**	**16.00**	**16.00**	100%	1	-	-			-		1	
Retail Pod C	**12.00**	**12.00**	**12.00**	100%	1	-	-			-	-	1	
Retail Pod D	**30.00**	**30.00**	**30.00**	100%	1	-	-			-		1	-
Retail Pod Total	**74.00**	**74.00**	**74.00**	100%	-							4	-
Utility Building													
Ground Flr	**206.00**	**64.92**	-	-	1	-	-			-		-	-
Second Flr	**206.00**	19.71	-	-	1						-		
Roof Deck	**206.00**	-	-	-	-	-	-			-		-	-
Utility Building Total	**618.00**	**84.63**	-	-	1							-	-
Tower 1													
Ground Floor	496.95	467.63	340.49	73%	1	**14**	-	**2**	-	**16**		-	-
2nd Floor	500.24	487.40	377.17	77%	1	**15**	-	-	**2**	**17**		-	-
3rd Floor	500.24	487.40	377.17	77%	1	**15**	-	-	**2**	**17**		-	-
4th Floor	500.24	487.40	377.17	77%	1	**15**	-	-	**2**	**17**		-	-
5th Floor	1,149.57	1,118.90	706.57	63%	1	**26**	-	**3**	**2**	**31**		-	-
6th Floor	1,022.15	1,007.46	792.48	79%	1	**27**	-	**3**	**4**	**34**		-	-
7th Floor	857.20	825.83	560.12	68%	1	**24**	-	-	**2**	**26**		-	-
8th Floor	853.60	838.49	635.78	76%	1	**24**	-	-	**4**	**28**	**296**	-	-
9th Floor	816.09	800.98	635.78	79%	1	**24**	-	-	**4**	**28**		-	-
10th Floor	853.60	838.49	674.85	80%	1	**26**	-	-	**4**	**30**		-	-
11th Floor	853.60	838.49	594.83	71%	1	**22**	-	-	**4**	**26**		-	-
12th Floor	776.09	760.98	594.83	78%	1	**22**	-	-	**4**	**26**		-	-
Roof Deck	759.75	17.51	-	-	-	-	-	-	-	-		-	-
Tower 1 Total	**9,939.32**	**8,976.96**	**6,667.24**	75%	12	**254**	-	**8**	**34**	**296**		-	-
Tower 2													
Ground Floor	444.70	424.66	301.17	71%	1	**12**	-	**2**	-	**14**		-	-
2nd Floor	446.24	433.39	327.11	75%	1	**13**	-	-	**2**	**15**		-	-
3rd Floor	446.24	433.39	327.11	75%	1	**13**	-	-	**2**	**15**		-	-
4th Floor	446.24	433.39	327.11	75%	1	**13**	-	-	**2**	**15**		-	-
5th Floor	796.59	774.94	534.60	69%	1	**23**	-	-	**2**	**25**		-	-
6th Floor	792.98	778.53	619.18	80%	1	**24**	-	-	**4**	**28**		-	-
7th Floor	801.12	769.42	529.08	69%	1	**23**	-	-	**2**	**25**		-	-
8th Floor	797.51	783.06	584.79	75%	1	**22**	-	-	**4**	**26**	**271**	-	-
9th Floor	759.89	745.44	584.78	78%	1	**22**	-		**4**	**26**		-	-
10th Floor	797.51	783.06	623.96	80%	1	**24**	-	-	**4**	**28**		-	-
11th Floor	797.51	783.06	623.96	80%	1	**24**	-	-	**4**	**28**		-	-
12th Floor	790.07	775.62	559.67	72%	1	**24**	-	-	**2**	**26**		-	-
Roof Deck	702.91	16.00	-	-	-	-	-	-	-	-		-	-
Tower 2 Total	**8,819.51**	**7,933.96**	**5,942.52**	75%	12	**237**	-	**2**	**32**			-	-

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

Sheet Contents: AREA TABULATION
Drawn By: LPPA Date:
Checked By: LPP Designed By: LPP

Rev.	Date	Description:	By:

Issued For:
- CMAP Clearance
- PALC
- HLURB
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- Design Development
- Building Permit
- Contract Documents
- Bidding
- Construction

Sheet No.:
Job No.: 20-705
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Tower 3													
Ground Floor	848.38	819.52	573.34	70%	1	25	-	2	-	27		-	-
2nd Floor	857.65	830.32	665.36	80%	1	26	-	-	4	30		-	-
3rd Floor	854.05	839.60	674.63	80%	1	26	-	-	4	30		-	-
4th Floor	854.05	839.60	674.63	80%	1	26	-	-	4	30		-	-
5th Floor	854.83	826.72	601.51	73%	1	26	-	-	2	28		-	-
6th Floor	849.15	827.50	602.10	73%	1	26	-	-	2	28		-	-
7th Floor	845.55	831.10	666.13	80%	1	26	-	-	4	30		-	-
8th Floor	845.55	831.10	666.13	80%	1	26	-	-	4	30	345	-	-
9th Floor	845.55	831.10	626.92	75%	1	24	-	-	4	28		-	-
10th Floor	807.88	793.43	626.92	79%	1	24	-	-	4	28		-	-
11th Floor	845.55	831.10	666.13	80%	1	26	-	-	4	30		-	-
12th Floor	830.90	816.45	528.20	65%	1	26	-	-	-	26		-	-
Roof Deck	699.19	19.57	-	-	-	-	-	-	-	-		-	-
Tower 3 Total	**10,838.27**	**9,937.11**	**7,571.99**	76%	12	**307**	-	2	36			-	-
Tower 4													
Ground Floor	1,052.49	1,024.64	745.39	73%	1	30	-	4	-	34		-	-
2nd Floor	1,058.07	1,035.44	837.41	81%	1	31	-	2	4	37		-	-
3rd Floor	1,058.07	1,044.62	850.86	81%	1	31	-	-	4	35		-	-
4th Floor	997.54	979.22	778.27	79%	1	31	-	-	4	35		-	-
5th Floor	1,002.01	966.44	783.56	81%	1	29	-	-	2	31		-	-
6th Floor	924.55	893.17	727.05	81%	1	28	-	-	2	30		-	-
7th Floor	900.57	885.46	715.99	81%	1	28	-	-	4	32		-	-
8th Floor	900.57	885.46	715.99	81%	1	28	-	-	4	32	384	-	-
9th Floor	900.57	885.46	714.45	81%	1	26	-	-	4	30		-	-
10th Floor	863.20	848.09	677.08	80%	1	26	-	-	4	30		-	-
11th Floor	900.57	885.46	715.99	81%	1	28	-	-	4	32		-	-
12th Floor	886.17	871.06	644.47	74%	1	26	-	-	-	26		-	-
Roof Deck	697.99	17.21	-	-	-	-	-	-	-	-		-	-
Tower 4 Total	**12,142.37**	**11,221.73**	**8,906.51**	80%	12	**342**	-	6	36			-	-
Tower 5													
Ground Floor	764.91	734.94	551.75	75%	1	18	-	6	-	24		-	-
2nd Floor	785.24	754.97	532.06	70%	1	19	-	-	4	23		-	-
3rd Floor	781.98	768.43	545.01	71%	1	19	-	-	4	23		-	-
4th Floor	717.26	702.29	534.65	76%	1	19	-	-	4	23		-	-
5th Floor	721.14	595.07	400.82	67%	1	16	-	-	2	18		-	-
6th Floor	627.10	594.93	401.54	67%	1	16	-	-	2	18		-	-
7th Floor	623.50	608.58	474.79	78%	1	16	-		4	20		-	-
8th Floor	623.50	608.58	435.86	72%	1	14	-		4	18	241	-	-
9th Floor	586.26	571.34	435.86	76%	1	14	-		4	18		-	-
10th Floor	623.50	608.58	474.80	78%	1	16	-		4	20		-	-
11th Floor	623.50	608.58	474.80	78%	1	16	-		4	20		-	-
12th Floor	612.10	597.18	327.83	55%	1	16	-		-	16		-	-
Roof Deck	466.29	16.79	-	-	-	-	-	-	-	-		-	-
Tower 5 Total	**8,556.28**	**7,770.26**	**5,589.75**	72%	12	**199**	-	6	36			-	-
Tower 6													
Ground Floor	393.80	373.76	280.50	75%	1	10	-	2	-	12		-	-
2nd Floor	610.74	580.96	454.40	78%	1	14	-	-	2	16		-	-
3rd Floor	606.95	593.55	463.97	78%	1	15	-	-	4	19		-	-
4th Floor	610.74	593.55	463.97	78%	1	15	-	-	4	19		-	-
5th Floor	765.77	735.12	576.11	78%	1	20	-	-	2	22		-	-
6th Floor	765.77	747.29	577.00	77%	1	21	-	-	4	25		-	-
7th Floor	766.40	734.04	399.25	54%	1	16	-	-	2	18		-	-
8th Floor	669.40	654.28	475.30	73%	1	16	-	-	4	20	229	-	-
9th Floor	631.83	616.72	475.30	77%	1	16	-	-	4	20		-	-
10th Floor	669.40	654.28	514.42	79%	1	18	-	-	4	22		-	-
11th Floor	669.40	654.28	434.49	66%	1	14	-	-	4	18		-	-
12th Floor	593.59	578.48	434.49	75%	1	14	-	-	4	18		-	-
Roof Deck	574.61	17.65	-	-	-	-	-	-	-	-		-	-
Tower 6 Total	**8,328.40**	**7,533.96**	**5,549.20**	74%	12	**189**	-	2	38			-	-
Tower 7													
Ground Floor	402.43	382.13	280.23	73%	1	10	-	2	-	12		-	-
2nd Floor	672.53	658.08	529.55	80%	1	18	-	-	4	22		-	-
3rd Floor	681.81	667.36	538.83	81%	1	18	-	-	4	22		-	-
4th Floor	681.81	667.36	538.83	81%	1	18	-	-	4	22		-	-
5th Floor	875.91	843.16	582.93	69%	1	22	-	2	2	26		-	-
6th Floor	872.31	856.81	657.60	77%	1	22	-	2	4	28		-	-
7th Floor	876.68	843.43	504.37	60%	1	18	-	2	2	22		-	-
8th Floor	802.98	788.52	474.94	60%	1	16	-	-	4	20	253	-	-
9th Floor	632.51	618.06	474.94	77%	1	16	-	-	4	20		-	-
10th Floor	670.02	655.57	514.00	78%	1	18	-	-	4	22		-	-
11th Floor	670.02	655.57	474.71	72%	1	16	-	-	4	20		-	-
12th Floor	624.22	609.77	380.00	62%	1	15	-	-	2	17		-	-
Roof Deck	524.71	17.43	-	-	-	-	-	-	-	-		-	-
Tower 7 Total	**8,987.94**	**8,263.25**	**5,950.93**	73%	12	**207**	-	8	38			-	-
TOTAL	**92,100.06**	**64,047.68**	**47,102.12**	**75%**		**1,735**	-	34	250		2,019	14	305

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS Puerto Princesa
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

Sheet Contents: AREA TABULATION
Drawn by: LPPA Date:
Checked by: LPP Designed by: LPP

Rev	Date	Description	By

Issued For:
- [ ] CAMP Clearance
- [ ] PALC
- [ ] HLURB
- [ ] ECC
- [ ] Design Development
- [ ] Building Permit
- [ ] Contract Document/s
- [ ] Bidding
- [ ] Construction

Sheet No.:
Job No.: 20-705
Last Modified:

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

Total Lot Area	21,951.21
Total GFA	64,047.68
Total CFA	92,100.06
Total NSA	47,102.12
FAR	2.92
BLENDED EFFICIENCY	
Efficiency CFA (NSA/CFA)	51.14%
Efficiency GFA (NSA/GFA)	73.54%
UNIT SPACES	
Studio	20.00 SQ. M.
One Bedroom	28.45 SQ.M.
One Bedroom with Balcony	32.05 SQ.M.

Total No. of Units	2019 units
Total No. of Retail	10 retail units
Retail Area	849.98 sqm
Parking Ratio (Residential)	1 slot : 5 units
Parking Ratio (Retail)	1 slot : 50 sq. m.
Parking Required (Residential)	404 slots
Parking Required (Retail)	17 slots
Total Parking Required	421 slots
Grade Level Parking	102 slots
Podium 1 Building (Basement, 2F-4F)	171 slots
Podium 2 Building (Basement, 2F-4F)	134 slots
Parking Provided (Retail)	17 slots
Parking Provided (Residential)	390 slots (1 slot : 5.18 units)
Total Parking Provided	407 slots

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LPPA DESIGN GROUP — LPPA Architecture Planning Design

Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0733889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9286

Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

Sheet Contents: AREA TABULATION
Drawn by: LPPA Date:
Checked by: LPP Designed by: LPP

Rev.	Date	Description:	By:
1			
2			
3			
4			
5			
6			
7			

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- CMP Clearance
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Sheet No.:
Job No.: 20-705
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Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

PARKING TABULATION

CMT PALAWAN	PARKING PROVISION		
	STANDARD	PWD	MOTORCYCLE
PODIUM 1 (TOWERS 1 & 2)			
BASEMENT	86	2	10
GROUND FLOOR	-	-	-
SECOND FLOOR	26	1	10
THIRD FLOOR	26	1	10
FOURTH FLOOR	28	1	11
TOTAL	166	5	41
	171		41

PODIUM 2 (TOWERS 6 & 7)			
BASEMENT	49	2	21
GROUND FLOOR	15	2	-
SECOND FLOOR	19	3	-
THIRD FLOOR	18	3	-
FOURTH FLOOR	20	3	-
TOTAL	121	13	21
	134		21
ON SITE PARKING			
PARKING ON GRADE (FOR RETAIL)	15	2	-
PARKING ON GRADE (FOR RESIDENTIAL & GUEST)	85	-	
TOTAL	100	2	-
	102		

TOTAL PARKING PROVISION	407
RETAIL PARKING REQUIREMENT	17
RETAIL PARKING PROVIDED	17
RESIDENTIAL UNITS	2019
RESIDENTIAL UNITS PARKING REQUIRED (1 UNIT: 5 SLOTS)	404
RESIDENTIAL UNITS PARKING REQUIRED (1 UNIT: 6 SLOTS)	337
RESIDENTIAL PARKING PROVIDED	390
PARKING RATIO	5.18
DIFFERENCE (1 UNIT: 5 SLOTS)	-14
DIFFERENCE (1 UNIT: 6 SLOTS)	54

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LPPA DESIGN GROUP — LPPA Architecture Planning Design

Architect: LEO P. PARIÑAS
REG. NO.: 9646 | PTR NO.: 0730889
DATE: JAN. 07, 2021 | PLACE: QUEZON CITY

R.A. 9266

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Engineer:
REG. NO.: PTR NO.:
DATE: PLACE:

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

Sheet Contents: AREA TABULATION
Drawn by: LPPA | Date:
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Rev.	Date	Description:	By:
1			
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Sheet No.:
Job No.: 20-705
Last Modified:

6.3. Photographs of the Site


9°45'46.32"N
118°45'13.58"E
2022.March.22


9°45'48.02"N
118°45'11.18"E
2022.March.22


9°45'44.16"N
118°45'12.16"E
2022.March.22


9°45'44.29"N
118°45'10.43"E
2022.March.22


9°45'46.96"N
118°45'10.07"E
2022.March.22

6.4. LGU certification on Zoning Compatibility of the Project Site

Republic of the Philippines
OFFICE OF THE CITY BUILDING OFFICIAL
City of Puerto Princesa

Control No. 21120225
01 Dec 2021

CERTIFICATION

THIS IS TO CERTIFY that under the **Official Zoning Map** of the City of Puerto Princesa, the land particularly described as **Lots 9-B-1, 9-B-2, 9-B-4, 9-B-5, 9-B-6, 9-B-7, 9-B-8 & 9-B-9 all PSD-04-154103** embraced and covered by **TCT Nos. 074-2021001238, 074-2021001239, 074-2021001240, 074-2021001241, 074-2021001248, 074-2021001242, 074-2021001243, 074-2021001244; Lots 9-B-11-A, 9-B-11-B, & 9-B-11-C all PSD-04-175595** embraced and covered by **074-2021001245, 074-2021001246, & 074-2021001247** respectively, containing a total area of **20,974** square meters, situated in Barangay San Pedro, this City is within the General Residential Zone (GRZ).

This certifies further that the Proposed Condominium Project may be allowed under consent on merit and was deliberated and approved by the Development Control and Environmental Protection Committee (DCEPC) last November 25, 2021. Provided that the minimum requirements and development standards of the local Zoning Ordinance, National Building Code and other related laws shall be observed and complied with.

Given this 1st day of December 2021 at the City of Puerto Princesa upon request of **Cebu Landmasters, Inc** for whatever legal purpose it may serve best.

ENGR. EDWIN A. ROÑA
Zoning Officer IV
Land Use and Zoning Division

Certification Fee : 5,500.00
O.R. No. 1617058
Issued on 12/01/2021
Issued at PP City

6.5. Proof of Authority over the Project Site

Judicial Form No. 109-D
(Revised Feb 2013)

2020028588543

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF JUSTICE
Land Registration Authority
QUEZON CITY

Registry of Deeds for Puerto Princesa City

Transfer Certificate of Title

OWNER'S DUPLICATE • OWNER'S DUPLICATE • OWNER'S DUPLICATE • OWNER'S DUPLICATE • OWNER'S DUPLICATE

No. 074-2021001248

IT IS HEREBY CERTIFIED *that certain land situated in* BRGY. OF SAN PEDRO, CITY OF PUERTO PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN, *bounded and described as follows:*
LOT 9-B-6, PSD-04-154103 .A PARCEL OF LAND (LOT 9-B-6 OF THE SUBDIVISION PLAN, PSD-04-154103, BEING A PORTION OF LOT 9-B, PSD-04-126763, L.R.C. REC. NO.), SITUATED IN THE BRGY. OF SAN PEDRO, CITY OF PUERTO PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN. BOUNDED ON THE NW., *(Continued on next page)*

is registered in accordance with the provision of the Property Registration Decree in the name of

Owner: **CEBU LANDMASTERS, INC., A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE**
Address: 10TH FLOOR PARK CENTRALE TOWER, J.M. DEL MAR STREET, CEBU I.T. PARK, APAS CEBU CITY CEBU CENTRAL
(Continued on next page)

as owner thereof in fee simple, subject to such of the encumbrances mentioned in Section 44 of said Decree as may be subsisting.

IT IS FURTHER CERTIFIED *that said land was originally registered as follows:*

Case No.:
Orig. Reg. Date: 05/13/1931
Original RD : PROVINCE OF PALAWAN
Volume No.:
Original Owner:
Record No.:
Decree No.:
OCT No.: OCT-G-154
Page No.: 154

This certificate is a transfer from TRANSFER CERTIFICATE OF TITLE 2017000153 (TOTALLY CANCELLED) *by virtue hereof in so far as the above-described land is concerned.*

Entered at Puerto Princesa City, *Philippines* on the 28th *day of* JULY 2021 at 09:28am.

Atty. Ma. Rachel Fe Fabros-Dilig
Register of Deeds III

2020028588543

2020028588544

OWNER INFORMATION *(Continued from page 1)*

Owner: **REPUBLIC OF THE PHILIPPINES**
Address: VISAYAS

TECHNICAL DESCRIPTION *(Continued from page 1)*

, ALONG LINE 1-2 BY LOT 9-B-7, ON THE NE., ALONG LINE 2-3 BY LOT 9-B-5, ON THE SE., SW., ALONG LINES 3-4-5-1 BY LOT 9-B-10 (ROAD), ALL OF THE SUBD. PLAN. BEGINNING AT A POINT MARKED "1" ON PLAN BEING S. 77 DEG. 35'E., 798.80 M. FROM BLBM NO. 2, TINIGUIBAN, PTO. PRINCESA CITY. THENCE N. 83 DEG. 24'E., 16.36 M. TO POINT 2; THENCE S. 05 DEG. 11'E., 30.64 M. TO POINT 3; THENCE S. 83 DEG. 24'W., 14.93 M. TO POINT 4; THENCE N. 50 DEG. 54'W., 2.00 M. TO POINT 5; THENCE N. 05 DEG. 11'W., 29.21 M. TO THE POINT OF BEGINNING, CONTAINING AN AREA OF FIVE HUNDRED (500) SQUARE METERS. ALL POINTS REFERRED TO ARE INDICATED ON THE PLAN AND ARE MARKED ON THE GROUND BY P.S. CYL. CONC. MONS. 15 X 60 CMS; BEARINGS TRUE; DATE OF ORIGINAL SURVEY, SEPT. 1-3, 1969 AND THAT OF THE SUBD. SURVEY, APRIL 7-14, 2003 AND WAS APPROVED ON MAY 04, 2004.

2020028588544

Judicial Form No. 109-D
(Revised Feb 2013)

2020028588541

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF JUSTICE
Land Registration Authority
QUEZON CITY

Registry of Deeds for Puerto Princesa City

Transfer Certificate of Title

OWNER'S DUPLICATE • OWNER'S DUPLICATE • OWNER'S DUPLICATE • OWNER'S DUPLICATE • OWNER'S DUPLICATE

No. 074-2021001247

IT IS HEREBY CERTIFIED *that certain land situated in* BRGY. OF SAN PEDRO, CITY OF PUERTO PRINCESA, ISLAND OF PALAWAN, *bounded and described as follows:*
LOT 9-B-11-C, PSD-04-175595 A PARCEL OF LAND (LOT 9-B-11-C, OF THE SUBDIVISION PLAN, PSD-04-175595, BEING A PORTION OF LOT 9-B-11, PSD-04-154103, L.R.C. RECORD NO.), SITUATED IN THE BRGY. OF SAN PEDRO, CITY OF PUERTO PRINCESA, ISLAND OF PALAWAN. BOUNDED ON THE W., ALONG *(Continued on next page)*

is registered in accordance with the provision of the Property Registration Decree in the name of

Owner: **CEBU LANDMASTERS, INC., A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE**
Address: 10TH FLOOR PARK CENTRALE TOWER, J.M. DEL MAR STREET, CEBU I.T. PARK, APAS CEBU CITY CEBU CENTRAL
(Continued on next page)

as owner thereof in fee simple, subject to such of the encumbrances mentioned in Section 44 of said Decree as may be subsisting.

IT IS FURTHER CERTIFIED *that said land was originally registered as follows:*

Case No.:
Orig. Reg. Date: 05/13/1931
Original RD : PROVINCE OF PALAWAN
Volume No.:
Original Owner:
Record No.:
Decree No.:
OCT No.: OCT-G-154
Page No.: 154

This certificate is a transfer from TRANSFER CERTIFICATE OF TITLE 2017000150 (TOTALLY CANCELLED) *by virtue hereof in so far as the above-described land is concerned.*

Entered at Puerto Princesa City, *Philippines on* the 28th *day of* JULY 2021 *at* 09:28am.

Atty. Ma. Rachel Fe Fabros-Dilig
Register of Deeds III

2020028588541

Judicial Form No. 109-D
(Revised Feb 2013)

202002858542

TCT No.: 074-2021001247

Page No.: 2

OWNER INFORMATION *(Continued from page 1)*

Owner: **REPUBLIC OF THE PHILIPPINES**
Address: VISAYAS

TECHNICAL DESCRIPTION *(Continued from page 1)*

LINE 1-2 BY LOT 5, ON THE NE., ALONG LINE 2-3 BY LOT 7, BOTH OF (LRC) PSD-10642, ON THE E., ALONG LINE 3-4 BY LOT 9-B-11-B, OF THE SUBD. PLAN AND ON THE SE., ALONG LINES 4-5-6 BY EXISTING ROAD (10.00 M. WIDE), AND ON THE E, S., ALONG LINES 6-7-1 BY LOT 9-B-11-D, OF THE SUBD. PLAN BEGINNING AT A POINT MARKED "1" ON PLAN BEING S. 75 DEG. 15'E., 674.64 M. FROM BLBM NO. 2, TINIGUIBAN, PUERTO PRINCESA CITY. THENCE N. 02 DEG. 57'E., 73.62 M. TO POINT 2; THENCE S. 79 DEG. 14'E., 40.46 M. TO POINT 3; THENCE S. 05 DEG. 12'E., 182.00 M. TO POINT 4; THENCE S. 83 DEG. 24'W., 10.17 M. TO POINT 5; THENCE S. 83 DEG. 03'W., 27.07 M. TO POINT 6; THENCE N. 00 DEG. 28'W., 128.01 M. TO POINT 7; THENCE N. 89 DEG. 29'W., 12.20 M. TO THE POINT OF BEGINNING CONTAINING AN AREA OF SEVEN THOUSAND FOUR HUNDRED NINETY EIGHT (7,498) SQUARE METERS. ALL POINT REFERRED TO ARE INDICATED ON THE PLAN AND ARE MARKED ON THE GROUND BY P.S. CYL. CONC. MONS. 15 X 60 CMS. BEARINGS TRUE, DATE OF ORIGINAL SURVEY AND THAT OF THE SUBDIVISION SURVEY; MARCH 10, 2005 AND WAS APPROVED ON AUG. 26, 2005.

202002858542

Judicial Form No. 109-D
(Revised Feb 2013)

2020028588539

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF JUSTICE
Land Registration Authority
QUEZON CITY

Registry of Deeds for Puerto Princesa City

Transfer Certificate of Title

OWNER'S DUPLICATE - OWNER'S DUPLICATE - OWNER'S DUPLICATE - OWNER'S DUPLICATE - OWNER'S DUPLICATE

No. 074-2021001246

IT IS HEREBY CERTIFIED *that certain land situated in* BGY. OF SAN PEDRO, CITY OF PUERTO PRINCESA, ISLAND OF PALAWAN, *bounded and described as follows:*
LOT 9-B-11-B, PSD-04-175595 A PARCEL OF LAND (LOT 9-B-11-B OF THE SUBD. PLAN PSD-04-175595 BEING A PORTION OF LOT 9-B-11, PSD-04-154103 L.R.C. REC. NO.), SITUATED IN THE BGY. OF SAN PEDRO, CITY OF PUERTO PRINCESA, ISLAND OF PALAWAN. BOUNDED ON THE E., ALONG LINES 1-2 BY *(Continued on next page)*

is registered in accordance with the provision of the Property Registration Decree in the name of

Owner: **CEBU LANDMASTERS, INC., A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE**
Address: 10TH FLOOR PARK CENTRALE TOWER, J.M. DEL MAR STREET, CEBU I.T. PARK, APAS CEBU CITY CEBU CENTRAL
(Continued on next page)

as owner thereof in fee simple, subject to such of the encumbrances mentioned in Section 44 of said Decree as may be subsisting.

IT IS FURTHER CERTIFIED *that said land was originally registered as follows:*

Case No.:
Orig. Reg. Date: 05/13/1931
Original RD : PROVINCE OF PALAWAN
Volume No.:
Original Owner:
Record No.:
Decree No.:
OCT No.: OCT-G-154
Page No.: 154

This certificate is a transfer from TRANSFER CERTIFICATE OF TITLE 2017000149 (TOTALLY CANCELLED) *by virtue hereof in so far as the above-described land is concerned.*

Entered at Puerto Princesa City, *Philippines on* the 28th *day of* JULY 2021 at 09:28am.

Atty. Ma. Rachel Fe Fabros-Dilig
Register of Deeds III

2020028588539

Judicial Form No. 109-D
(Revised Feb 2013)

2020028586540

TCT No.: 074-2021001246

Page No.: 2

OWNER INFORMATION *(Continued from page 1)*

Owner: **REPUBLIC OF THE PHILIPPINES**
Address: VISAYAS

TECHNICAL DESCRIPTION *(Continued from page 1)*

LOT 9-B-11-A OF THE SUBD. PLAN; ON THE S., E., ALONG LINES 2-3-4 BY LOT 9-A, PSD-04-126763; ON THE SE., ALONG LINE 4-5 BY EXISTING ROAD (10.00 M. WIDE); ON THE W., ALONG LINE 5-6 BY LOT 9-B-11-C OF THE SUBD. PLAN; AND ON THE NE., ALONG LINE 6-1 BY LOT 7, (LRC) PSD-20642. BEGINNING AT A POINT MARKED ON PLAN BEING S. 81 DEG. 12'E., 756.24 M. FROM BLBM NO. 2, TINIGUIBAN, PUERTO PRINCESA CITY. THENCE S. 05 DEG. 12'E., 97.19 M. TO POINT 2; THENCE S. 83 DEG. 24'W., 18.27 M. TO POINT 3; THENCE S. 05 DEG. 11'E., 69.19 M. TO POINT 4; THENCE S. 83 DEG. 24'W., 32.05 M. TO POINT 5; THENCE N. 05 DEG. 12'W., 182.00 M. TO POINT 6; THENCE S. 79 DEG. 14'E., 52.32 M. TO POINT OF BEGINNING; CONTAINING AN AREA OF SEVEN THOUSAND FOUR HUNDRED NINETY EIGHT (7,498) SQUARE METERS. ALL POINTS REFERRED TO ARE INDICATED ON THE PLAN AND ARE MARKED ON THE GROUND BY P.S. CYL. CONC. MONS. 15X60 CMS. BEARINGS TRUE; DATE OF ORIGINAL SURVEY AND THAT OF THE SUBDIVISION SURVEY, MARCH 10, 2005 AND WAS APPROVED ON AUGUST 25, 2005.

2020028586540

Judicial Form No. 109-D
(Revised Feb 2013)

2020028508537

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF JUSTICE
Land Registration Authority
QUEZON CITY

Registry of Deeds for Puerto Princesa City

Transfer Certificate of Title

OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE

No. 074-2021001245

IT IS HEREBY CERTIFIED *that certain land situated in* BRGY. OF SAN PEDRO, CITY OF PUERTO PRINCESA, ISLAND OF PALAWAN, *bounded and described as follows:*

LOT 9-B-11-A, PSD-04-175595 A PARCEL OF LAND (LOT 9-B-11-A OF THE SUBDIVISION PLAN PSD-04-175595, BEING A PORTION OF LOT 9-B-11, PSD-04-154103, L.R.C. RECORD NO.), SITUATED IN THE BRGY. OF SAN PEDRO, CITY OF PUERTO PRINCESA, ISLAND OF PALAWAN. BOUNDED ON THE N., ALONG LINE *(Continued on next page)*

is registered in accordance with the provision of the Property Registration Decree in the name of

Owner: **CEBU LANDMASTERS, INC., A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE**

Address: 10TH FLOOR PARK CENTRALE TOWER, J.M. DEL MAR STREET, CEBU I.T. PARK, APAS CEBU CITY CEBU CENTRAL

(Continued on next page)

as owner thereof in fee simple, subject to such of the encumbrances mentioned in Section 44 of said Decree as may be subsisting.

IT IS FURTHER CERTIFIED *that said land was originally registered as follows:*

Case No.:
Orig. Reg. Date: 05/13/1931
Original RD : PROVINCE OF PALAWAN
Volume No.:
Original Owner:

Record No.:
Decree No.:
OCT No.: OCT-G-154
Page No.: 154

This certificate is a transfer from TRANSFER CERTIFICATE OF TITLE 2017000148 (TOTALLY CANCELLED) *by virtue hereof in so far as the above-described land is concerned.*

Entered at Puerto Princesa City, *Philippines on* the 28th *day of* JULY 2021 *at* 09:28am.

Atty. Ma. Rachel Fe Fabros-Dilig
Register of Deeds III

2020028508537

Judicial Form No. 109-D
(Revised Feb 2013)

TCT No.: 074-2021001245

Page No.: 2

2020026588538

OWNER INFORMATION *(Continued from page 1)*

Owner: **REPUBLIC OF THE PHILIPPINES**
Address: VISAYAS

TECHNICAL DESCRIPTION *(Continued from page 1)*

1-2 BY LOT 7, (LRC) PSD-10642, ON THE E., ALONG LINE 2-3 BY ROAD, PSD-04-154103 ON THE S., ALONG LINE 3-4 BY LOT 9-A, PSD-04-126763, ON THE W., ALONG LINE 4-1 BY LOT 9-B-11-B, OF THE SUBD., PLAN. BEGINNING A POINT MARKED ON PLAN BEING S. 81 DEG. 12'E., 756.24 M. FROM BLBM NO. 2, TINIGUIBAN, PUERTO PRINCESA CITY, THENCE S. 79 DEG. 11'E., 21.91 M. TO POINT 2; THENCE S. 05 DEG. 12'E., 90.65 M. TO POINT 3; THENCE S. 83 DEG. 24'W., 21.07 M. TO POINT 4; THENCE N. 05 DEG. 12'W., 97.19 M. TO THE POINT OF BEGINNING CONTAINING AN AREA OF ONE THOUSAND NINE HUNDRED SEVENTY EIGHT (1,978) SQUARE METERS. ALL POINTS REFERRED TO ARE INDICATED ON THE PLAN AND ARE MARKED ON THE GROUND BY P.S. CYL. CONC. MONS. 15 X 60 CMS. BEARINGS TRUE, DATE OF ORIGINAL SURVEY AND THAT OF THE SUBDIVISION SURVEY, MARCH 10, 2005 AND WAS APPROVED ON AUG. 25, 2005.

2020026588538

Judicial Form No. 109-D
(Revised Feb 2013)

2020028588535

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF JUSTICE
Land Registration Authority
QUEZON CITY

Registry of Deeds for Puerto Princesa City

Transfer Certificate of Title

OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE

No. 074-2021001244

IT IS HEREBY CERTIFIED *that certain land situated in* BRGY. OF SAN PEDRO, CITY OF PUERTO PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN, *bounded and described as follows:*
LOT 9-B-9, PSD-04-154103 A PARCEL OF LAND (LOT 9-B-9 OF THE SUBD. PLAN PSD-04-154103, BEING A PORTION OF LOT 9-B, PSD-04-126763, L.R.C. RECORD NO.), SITUATED IN THE BRGY. OF SAN PEDRO, CITY OF PUERTO PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN. BOUNDED ON THE SE., *(Continued on next page)*

is registered in accordance with the provision of the Property Registration Decree in the name of

Owner: **CEBU LANDMASTERS, INC., A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE**
Address: 10TH FLOOR PARK CENTRALE TOWER, J.M. DEL MAR STREET, CEBU I.T. PARK, APAS CEBU CITY CEBU CENTRAL
(Continued on next page)

as owner thereof in fee simple, subject to such of the encumbrances mentioned in Section 44 of said Decree as may be subsisting.

IT IS FURTHER CERTIFIED *that said land was originally registered as follows:*

Case No.:
Orig. Reg. Date: 05/13/1931
Original RD : PROVINCE OF PALAWAN
Volume No.:
Original Owner:

Record No.:
Decree No.:
OCT No.: OCT-G-154
Page No.: 154

This certificate is a transfer from TRANSFER CERTIFICATE OF TITLE 2017000147 (TOTALLY CANCELLED) *by virtue hereof in so far as the above-described land is concerned.*

Entered at Puerto Princesa City, *Philippines on* the 28th *day of* JULY 2021 *at* 09:28am.

Atty. Ma. Rachel Fe Fabros-Dilig
Register of Deeds III

2020028588535

2020028588536

OWNER INFORMATION *(Continued from page 1)*

Owner: **REPUBLIC OF THE PHILIPPINES**
Address: VISAYAS

TECHNICAL DESCRIPTION *(Continued from page 1)*

ALONG LINE 1-2 BY LOT 9-B-8; ON THE SW., ALONG LINE 2-3 BY LOT 9-B-10,(ROAD), BOTH OF THE SUBD. PLAN; ON THE NE., ALONG LINE 3-4 BY LOT 7 (LRC) PSD-10642; AND ON THE NE., ALONG LINE 4-1 BY LOT 9-B-1 OF THE SUBD. PLAN. BEGINNING AT A POINT MARKED "1" ON PLAN, BEING S. 80 DEG. 22'E., 821.40 M. FROM BLBM NO. 2, TINIGUIBAN, PUERTO PRINCESA CITY. THENCE S. 85 DEG. 23'W., 32.68 M. TO POINT 2; THENCE N. 05 DEG. 14'W., 20.39 M. TO POINT 3; THENCE S. 79 DEG. 14'E., 33.99 M. TO POINT 4; THENCE S. 05 DEG. 11'E., 10.23 M. TO THE POINT OF BEGINNING; CONTAINING AN AREA OF FIVE HUNDRED (500) SQUARE METERS. ALL POINTS REFERRED TO ARE INDICATED ON THE PLAN AND ARE MARKED ON THE GROUND BY PS CYL. CONC. MONS. 15 X 60 CMS; BEARINGS TRUE; DATE OF ORIGINAL SURVEY, SEPT. 1-3, 1969 AND THAT OF THE SUBD. SURVEY, APRIL 7-14, 2003 AND WAS APPROVED ON MAY 04, 2004.

I2020028588536

Judicial Form No. 109-D
(Revised Feb 2013)

2020028588533

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF JUSTICE
Land Registration Authority
QUEZON CITY

Registry of Deeds for Puerto Princesa City

Transfer Certificate of Title

OWNER'S DUPLICATE • OWNER'S DUPLICATE • OWNER'S DUPLICATE • OWNER'S DUPLICATE • OWNER'S DUPLICATE

No. 074-2021001243

IT IS HEREBY CERTIFIED *that certain land situated in* BRGY. OF SAN PEDRO, CITY OF PUERTO PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN, *bounded and described as follows:*
LOT 9-B-8, PSD-04-154103 A PARCEL OF LAND (LOT 9-B-8 OF THE SUBD. PLAN PSD-04-154103, BEING A PORTION OF LOT 9-B, PSD-04-126763, L.R.C. RECORD NO.), SITUATED IN THE BRGY. OF SAN PEDRO, CITY OF PUERTO PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN. BOUNDED ON THE NE., *(Continued on next page)*

is registered in accordance with the provision of the Property Registration Decree in the name of

Owner: **CEBU LANDMASTERS, INC., A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE**
Address: 10TH FLOOR PARK CENTRALE TOWER, J.M. DEL MAR STREET, CEBU I.T. PARK, APAS CEBU CITY CEBU CENTRAL
(Continued on next page)

as owner thereof in fee simple, subject to such of the encumbrances mentioned in Section 44 of said Decree as may be subsisting.

IT IS FURTHER CERTIFIED *that said land was originally registered as follows:*

Case No.:
Orig. Reg. Date: 05/13/1931
Original RD : PROVINCE OF PALAWAN
Volume No.:
Original Owner:

Record No.:
Decree No.:
OCT No.: OCT-G-154
Page No.: 154

This certificate is a transfer from TRANSFER CERTIFICATE OF TITLE 2017000146 (TOTALLY CANCELLED) *by virtue hereof in so far as the above-described land is concerned.*

Entered at Puerto Princesa City, *Philippines on* the 28th *day of* JULY 2021 *at* 09:28am.

Atty. Ma. Rachel Fe Fabros-Dilig
Register of Deeds III

2020028588533

2020028586534

OWNER INFORMATION *(Continued from page 1)*

Owner: **REPUBLIC OF THE PHILIPPINES**
Address: VISAYAS

TECHNICAL DESCRIPTION *(Continued from page 1)*

ALONG LINE 1-2 BY LOT 9-B-1; ALONG LINE 2-3 BY LOT 9-B-2; ON THE SE., ALONG LINE 3-4 BY LOT 9-B-7; ON THE SW., ALONG LINE 4-5 BY LOT 9-B-10 (ROAD); AND ON THE NW., ALONG LINE 5-1 BY LOT 9-B-9, ALL OF THE SUBD. PLAN. BEGINNING AT A POINT MARKED "1" ON PLAN, BEING S. 80 DEG. 22'E., 821.40 M. FROM BLBM NO. 2, TINIGUIBAN, PUERTO PRINCESA CITY. THENCE S. 05 DEG. 11'E., 11.12 M. TO POINT 2; THENCE S. 05 DEG. 11'E., 4.20 M. TO POINT 3; THENCE S. 83 DEG. 23'W., 32.68 M. TO POINT 4; THENCE N. 05 DEG. 11'W., 15.31 M. TO POINT 5; THENCE N. 83 DEG. 23'E., 32.68 M. TO THE POINT OF BEGINNING; CONTAINING AN AREA OF FIVE HUNDRED (500) SQUARE METERS. ALL POINTS REFERRED TO ARE INDICATED ON THE PLAN AND ARE MARKED ON THE GROUND BY PS CYL. CONC. MONS. 15 X 60 CMS; BEARINGS TRUE; DATE OF ORIGINAL SURVEY, SEPT. 1-3, 1969 AND THAT OF THE SUBD. SURVEY, APRIL 7-14, 2003 AND WAS APPROVED ON MAY 04, 2004.

Judicial Form No. 109-D
(Revised Feb 2013)

2020028508531

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF JUSTICE
Land Registration Authority
QUEZON CITY

Registry of Deeds for Puerto Princesa City

Transfer Certificate of Title

OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE

No. 074-2021001242

IT IS HEREBY CERTIFIED *that certain land situated in* BRGY. SAN PEDRO, CITY OF PUERTO PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN, *bounded and described as follows:*
LOT 9-B-7, PSD-04-154103 A PARCEL OF LAND (LOT 9-B-7 OF THE SUBDIVISION PLAN, PSD-04-154103, BEING A PORTION OF LOT 9-B, PSD-04-126763, L.R.C. REC. NO.), SITUATED IN THE BRGY. SAN PEDRO, CITY OF PUERTO PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN. BOUNDED ON THE NE., *(Continued on next page)*

is registered in accordance with the provision of the Property Registration Decree in the name of

Owner: **CEBU LANDMASTERS, INC., A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE**
Address: 10TH FLOOR PARK CENTRALE TOWER, J.M. DEL MAR STREET, CEBU I.T. PARK, APAS CEBU CITY CEBU CENTRAL
(Continued on next page)

as owner thereof in fee simple, subject to such of the encumbrances mentioned in Section 44 of said Decree as may be subsisting.

IT IS FURTHER CERTIFIED *that said land was originally registered as follows:*

Case No.:
Orig. Reg. Date: 05/13/1931
Original RD : PROVINCE OF PALAWAN
Volume No.:
Original Owner:

Record No.:
Decree No.:
OCT No.: OCT-G-154
Page No.: 154

This certificate is a transfer from TRANSFER CERTIFICATE OF TITLE 2017000145 (TOTALLY CANCELLED) *by virtue hereof in so far as the above-described land is concerned.*

Entered at Puerto Princesa City, *Philippines on* the 28th *day of* JULY 2021 at 09:28am.

Atty. Ma. Rachel Fe Fabros-Milig
Register of Deeds III

2020028508531

Judicial Form No. 109-D
(Revised Feb 2013)

TCT No.: 074-2021001242

Page No.: 2

20200285885532

OWNER INFORMATION *(Continued from page 1)*

Owner: **REPUBLIC OF THE PHILIPPINES**
Address: VISAYAS

TECHNICAL DESCRIPTION *(Continued from page 1)*

ALONG LINE 1-2 BY LOT 9-B-3, ON THE SE., ALONG LINE 2-3 BY LOT 9-B-5, ALONG LINE 3-4 BY LOT 9-B-6, ON THE SW., ALONG LINE 4-5 BY LOT 9-B-10 (ROAD), AND ON THE NW., ALONG LINE 5-6 BY LOT 9-B-8, ON THE NE., ALONG LINE 6-1 BY LOT 9-B-2, ALL OF THE SUBD. PLAN. BEGINNING AT A POINT MARKED "1" ON PLAN BEING S. 78 DEG. 30'E., 828.95 M. BLBM NO. 2, TINIGUIBAN, PTO. PRINCESA CITY. THENCE S. 05 DEG. 11'E., 2.80 M. TO POINT 2; THENCE S. 83 DEG. 24'W., 16.32 M. TO POINT 3; THENCE S. 83 DEG. 24'W., 16.36 M. TO POINT 4; THENCE N. 05 DEG. 11'W., 15.30 M. TO POINT 5; THENCE N. 83 DEG. 23'E., 32.68 M. TO POINT 6; THENCE S. 05 DEG. 11'E., 12.51 M. TO THE POINT OF BEGINNING, CONTAINING AN AREA OF FIVE HUNDRED (500) SQUARE METERS. ALL POINTS REFERRED TO ARE INDICATED ON THE PLAN AND ARE MARKED ON THE GROUND BY P.S. CYL. CONC. MONS. 15 X 60 CMS; BEARINGS TRUE; DATE OF ORIGINAL SURVEY, SEPT. 1-3, 1969 AND THAT OF THE SUBD. SURVEY; APRIL 7-14, 2003 AND WAS APPROVED ON MAY 04, 2004.

20200285885532

Judicial Form No. 109-D
(Revised Feb 2013)

2020028588529

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF JUSTICE
Land Registration Authority
QUEZON CITY

Registry of Deeds for Puerto Princesa City

Transfer Certificate of Title

OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE

No. 074-2021001241

IT IS HEREBY CERTIFIED *that certain land situated in* BGY. OF SAN PEDRO, CITY OF PTO. PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN, *bounded and described as follows:*
LOT 9-B-5, PSD-04-154103 A PARCEL OF LAND (LOT 9-B-5 OF THE SUBD. PLAN PSD-04-154103, BEING A PORTION OF LOT 9-B, PSD-04-126763 L.R.C. REC. NO.), SITUATED IN THE BGY. OF SAN PEDRO, CITY OF PTO. PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN. BOUNDED ON THE SE., ALONG *(Continued on next page)*

is registered in accordance with the provision of the Property Registration Decree in the name of

Owner: **CEBU LANDMASTERS, INC., A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE**
Address: 10TH FLOOR PARK CENTRALE TOWER, J.M. DEL MAR STREET, CEBU I.T. PARK, APAS CEBU CITY CEBU CENTRAL
(Continued on next page)

as owner thereof in fee simple, subject to such of the encumbrances mentioned in Section 44 of said Decree as may be subsisting.

IT IS FURTHER CERTIFIED *that said land was originally registered as follows:*

Case No.:
Orig. Reg. Date: 05/13/1931
Original RD : PROVINCE OF PALAWAN
Volume No.:
Original Owner:
Record No.:
Decree No.:
OCT No.: OCT-G-154
Page No.: 154

This certificate is a transfer from TRANSFER CERTIFICATE OF TITLE 2017000144 (TOTALLY CANCELLED) *by virtue hereof in so far as the above-described land is concerned.*

Entered at Puerto Princesa City, *Philippines on* the 28th *day of* JULY 2021 *at* 09:28am.

Atty. Ma. Rachel Fe Fabros-Dilig
Register of Deeds III

2020028588529

2020028588530

OWNER INFORMATION *(Continued from page 1)*

Owner: **REPUBLIC OF THE PHILIPPINES**
Address: VISAYAS

TECHNICAL DESCRIPTION *(Continued from page 1)*

LINE 1-2 BY LOT 9-B-10 (ROAD); ON THE SW., ALONG LINE 2-3 BY LOT 9-B-6; ON THE NW., ALONG LINE 3-4 BY LOT 9-B-7, AND ON THE NE., ALONG LINE 4-5 BY LOT 9-B-3, ALONG LINE 5-1 BY LOT 9-B-4 ALL OF THE SUBD. PLAN. BEGINNING AT A POINT MARKED "1" ON PLAN BEING S. 76 DEG. 19'E., 837.16 M. BLBM NO. 2, TINIGUIBAN, PTO. PRINCESA CITY. THENCE S. 83 DEG. 24'W., 16.32 M. TO POINT 2; THENCE N. 05 DEG. 11'W., 30.64 M. TO POINT 3; THENCE N. 83 DEG. 24'E., 16.32 M. TO POINT 4; THENCE S. 05 DEG. 11'E., 13.90 M. TO POINT 5; THENCE S. 05 DEG. 11'E., 16.74 M. TO POINT OF BEGINNING; CONTAINING AN AREA OF FIVE HUNDRED (500) SQUARE METERS. ALL POINTS REFERRED TO ARE INDICATED ON THE PLAN AND ARE MARKED ON THE GROUND BY P.S. CYL. CONC. MONS. 15X60 CMS.; BEARINGS TRUE; DATE OF ORIGINAL SURVEY, SEPT. 1-3, 1969 AND THAT OF THE SUBD. SURVEY, APRIL 7-14, 2003 AND WAS APPROVED ON MAY 4, 2004.

2020028588530

Judicial Form No. 109-D
(Revised Feb 2013)

2020028588527

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF JUSTICE
Land Registration Authority
QUEZON CITY

Registry of Deeds for Puerto Princesa City

Transfer Certificate of Title

OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE

No. 074-2021001240

IT IS HEREBY CERTIFIED *that certain land situated in* BRGY. OF SAN PEDRO, CITY OF PTO. PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN, *bounded and described as follows:*
LOT 9-B-4 PSD-04-154103 A PARCEL OF LAND (LOT 9-B-4 OF THE SUBDIVISION PLAN, PSD-04-154103, BEING A PORTION OF LOT 9-B, PSD-04-126763, LRC RECORD NO.), SITUATED IN THE BRGY. OF SAN PEDRO, CITY OF PTO. PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN. BOUNDED ON THE SW., *(Continued on next page)*

is registered in accordance with the provision of the Property Registration Decree in the name of

Owner: **CEBU LANDMASTERS, INC., A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE**
Address: 10TH FLOOR PARK CENTRALE TOWER, J.M. DEL MAR STREET, CEBU I.T. PARK, APAS CEBU CITY CEBU CENTRAL
(Continued on next page)

as owner thereof in fee simple, subject to such of the encumbrances mentioned in Section 44 of said Decree as may be subsisting.

IT IS FURTHER CERTIFIED *that said land was originally registered as follows:*

Case No.:
Orig. Reg. Date: 05/13/1931
Original RD : PROVINCE OF PALAWAN
Volume No.:
Original Owner:

Record No.:
Decree No.:
OCT No.: OCT-G-154
Page No.: 154

This certificate is a transfer from TRANSFER CERTIFICATE OF TITLE 2017000143 (TOTALLY CANCELLED) *by virtue hereof in so far as the above-described land is concerned.*

Entered at Puerto Princesa City, *Philippines on* the 28th *day of* JULY 2021 at 09:28am.

Atty. Ma. Rachel Fe Fabros-Dilig
Register of Deeds III

2020028588527

Judicial Form No. 109-D
(Revised Feb 2013)

TCT No.: 074-2021001240

Page No.: 2

2020028588528

OWNER INFORMATION *(Continued from page 1)*

Owner: **REPUBLIC OF THE PHILIPPINES**
Address: VISAYAS

TECHNICAL DESCRIPTION *(Continued from page 1)*

ALONG LINE 1-2 BY LOT 9-B-5, ON THE NW., ALONG LINE 2-3 BY LOT 9-B-3, BOTH OF THE SUBD. PLAN ON THE NE., ALONG LINE 3-4 BY EXISTING ROAD (10.00 M. WIDE), AND ON THE SE., ALONG LINES 4-5-1 BY LOT 9-B-10 (ROAD), OF THE SUBD. PLAN. BEGINNING AT A POINT MARKED "1" ON PLAN BEING S. 76 DEG. 19'E., 837.16 M. FROM BLBM NO. 2, TINIGUIBAN, PTO. PRINCESA CITY. THENCE N. 05 DEG. 11'W., 16.74 M. TO POINT 2; THENCE N. 83 DEG. 25'E., 29.95 M. TO POINT 3; THENCE S. 05 DEG. 11'E., 15.34 M. TO POINT 4; THENCE S. 39 DEG. 06'W., 2.00 M. TO POINT 5; THENCE S. 83 DEG. 24'W., 28.55 M. TO THE POINT OF BEGINNING, CONTAINING AN AREA OF FIVE HUNDRED (500) SQUARE METERS. ALL POINTS REFERRED TO ARE INDICATED ON THE PLAN AND ARE MARKED ON THE GROUND BY P.S. CYL. CONC. MONS. 15 X 60 CMS; BEARINGS TRUE; DATE OF ORIGINAL SURVEY SEPT. 1-3, 1969 AND THAT OF THE SUBD. SURVEY APRIL 7-14, 2003 AND WAS APPROVED ON MAY 04, 2004.

2020028588528

Judicial Form No. 109-D
(Revised Feb 2013)

2020028588525

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF JUSTICE
Land Registration Authority
QUEZON CITY

Registry of Deeds for Puerto Princesa City

Transfer Certificate of Title

OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE · OWNER'S DUPLICATE

No. 074-2021001239

IT IS HEREBY CERTIFIED *that certain land situated in* BRGY. OF SAN PEDRO, CITY OF PTO. PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN, *bounded and described as follows:*

LOT 9-B-2 PSD-04-154103 A PARCEL OF LAND (LOT 9-B-2, OF THE SUBDIVISION PLAN PSD-04-154103, BEING A PORTION OF LOT 9-B, PSD-04-126763, L.R.C. RECORD NO.), SITUATED IN THE BRGY. OF SAN PEDRO, CITY OF PTO. PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN. BOUNDED ON THE SW., *(Continued on next page)*

is registered in accordance with the provision of the Property Registration Decree in the name of

Owner: **CEBU LANDMASTERS, INC., A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE**

Address: 10TH FLOOR PARK CENTRALE TOWER, J.M. DEL MAR STREET, CEBU I.T. PARK, APAS CEBU CITY CEBU CENTRAL

(Continued on next page)

as owner thereof in fee simple, subject to such of the encumbrances mentioned in Section 44 of said Decree as may be subsisting.

IT IS FURTHER CERTIFIED *that said land was originally registered as follows:*

Case No.:
Orig. Reg. Date: 05/13/1931
Original RD : PROVINCE OF PALAWAN
Volume No.:
Original Owner:

Record No.:
Decree No.:
OCT No.: OCT-G-154
Page No.: 154

This certificate is a transfer from TRANSFER CERTIFICATE OF TITLE 2017000142 (TOTALLY CANCELLED) *by virtue hereof in so far as the above-described land is concerned.*

Entered at Puerto Princesa City, *Philippines on* the 28th *day of* JULY 2021 at 09:28am.

Atty. Ma. Rachel Fe Fabros-Dilig
Register of Deeds III

2020028588525

Judicial Form No. 109-D
(Revised Feb 2013)

TCT No.: 074-2021001239

Page No.: 2

20200285885264

OWNER INFORMATION *(Continued from page 1)*

Owner: REPUBLIC OF THE PHILIPPINES

Address: VISAYAS

TECHNICAL DESCRIPTION *(Continued from page 1)*

ALONG LINE 1-2 BY LOT 9-B-7, ALONG LINE 2-3 BY LOT 9-B-8, ON THE NW., ALONG LINE 3-4 BY LOT 9-B-1, ALL OF THE SUBD. PLAN ON THE NE., ALONG LINE 4-5 BY EXISTING ROAD (10.00 M. WIDE), AND ON THE SE., ALONG LINE 5-1 BY LOT 9-B-3 OF THE SUBD. PLAN. BEGINNING AT A POINT MARKED "1" ON PLAN BEING S. 78 DEG. 30'E., 828.95 M. BLBM NO. 2, TINIGUIBAN, PUERTO PRINCESA CITY. THENCE N. 05 DEG. 11'W., 12.51 M. TO POINT 2; THENCE N. 05 DEG. 11'W., 4.20 M. TO POINT 3; THENCE N. 83 DEG. 25'E., 24.95 M. TO POINT 4; THENCE S. 05 DEG. 11'E., 16.70 M. TO POINT 5; THENCE S. 83 DEG. 24'W., 29.95 M. TO THE POINT OF BEGINNING, CONTAINING AN AREA OF FIVE HUNDRED (500) SQUARE METERS. ALL POINTS REFERRED TO ARE INDICATED ON THE PLAN AND ARE MARKED ON THE GROUND BY P.S. CYL. CONC. MONS. 15X60 CM; BEARINGS TRUE; DATE OF ORIGINAL SURVEY SEPT. 1-3, 1969 AND THAT OF THE SUBD. SURVEY APRIL 7-14, 2003 AND WAS APPROVED ON MAY 04, 2004.

20200285885264

Judicial Form No. 109-D
(Revised Feb 2013)

2020028588523

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF JUSTICE
Land Registration Authority
QUEZON CITY

Registry of Deeds for Puerto Princesa City

Transfer Certificate of Title

OWNER'S DUPLICATE • OWNER'S DUPLICATE • OWNER'S DUPLICATE • OWNER'S DUPLICATE • OWNER'S DUPLICATE

No. 074-2021001238

IT IS HEREBY CERTIFIED *that certain land situated in* BGY. OF SAN PEDRO, CITY OF PTO. PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN, *bounded and described as follows:*
LOT 9-B-1, PSD-04-154103 A PARCEL OF LAND (LOT 9-B-1 OF THE SUBDIVISION PLAN PSD-04-154103 BEING A PORTION OF LOT 9-B, PSD-04-126763 L.R.C. REC. NO.), SITUATED IN THE BGY. OF SAN PEDRO, CITY OF PTO. PRINCESA, PROVINCE OF PALAWAN, ISLAND OF PALAWAN. BOUNDED ON THE SW., *(Continued on next page)*

is registered in accordance with the provision of the Property Registration Decree in the name of

Owner: **CEBU LANDMASTERS, INC., A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE**
Address: 10TH FLOOR PARK CENTRALE TOWER, J.M. DEL MAR STREET, CEBU I.T. PARK, APAS CEBU CITY CEBU CENTRAL
(Continued on next page)

as owner thereof in fee simple, subject to such of the encumbrances mentioned in Section 44 of said Decree as may be subsisting.

IT IS FURTHER CERTIFIED *that said land was originally registered as follows:*

Case No.:
Orig. Reg. Date: 05/13/1931
Original RD : PROVINCE OF PALAWAN
Volume No.:
Original Owner:
Record No.:
Decree No.:
OCT No.: OCT-G-154
Page No.: 154

This certificate is a transfer from TRANSFER CERTIFICATE OF TITLE 2017000141 (TOTALLY CANCELLED) *by virtue hereof in so far as the above-described land is concerned.*

Entered at Puerto Princesa City, *Philippines on* the 28th *day of* JULY 2021 *at* 09:28am.

Atty. Ma. Rachel Fe Fabros-Dilig
Register of Deeds III

2020028588523

Judicial Form No. 109-D
(Revised Feb 2013)

TCT No.: 074-2021001238

Page No.: 2

20200285885524

OWNER INFORMATION *(Continued from page 1)*

Owner: **REPUBLIC OF THE PHILIPPINES**
Address: VISAYAS

TECHNICAL DESCRIPTION *(Continued from page 1)*

ALONG LINE 1-2 BY LOT 9-B-9 OF THE SUBD. PLAN; ON THE NE., ALONG LINE 2-3 BY LOT 7, (LRC) PSD-10642; ALONG LINE 3-4 BY EXISTING ROAD (10.00 M. WIDE); AND ON THE SE., ALONG LINE 4-5 BY LOT 9-B-2; ON THE SW., ALONG LINE 5-1 BY LOT 9-B-8 BOTH OF THE SUBD. PLAN. BEGINNING AT A POINT MARKED "1" ON PLAN BEING S. 80 DEG. 22'E., 821.40 M. BLBM NO. 2, TINIGUIBAN, PTO. PRINCESA CITY. THENCE N. 05 DEG. 11'W., 10.23 M. TO POINT 2; THENCE S. 79 DEG. 14'E., 31.13 M. TO POINT 3; THENCE S. 05 DEG. 11'E., 12.06 M. TO POINT 4; THENCE S. 83 DEG. 25'W., 29.95 M. TO POINT 5; THENCE N. 05 DEG. 11'W., 11.92 M. TO POINT OF BEGINNING; CONTAINING AN AREA OF FIVE HUNDRED (500) SQUARE METERS. ALL POINTS REFERRED TO ARE INDICATED ON THE PLAN AND ARE MARKED ON THE GROUND BY P.S. CYL. CONC. MONS. 15X60 CM.; BEARINGS TRUE; DATE OF ORIGINAL SURVEY, SEPT. 1-3, 1969 AND THAT OF THE SUBD. SURVEY, APRIL 7-14, 2003 AND APPROVED ON MAY 04, 2004.

20200285885524

6.6. Proof of Public Consultation and Participation

PERCEPTION SURVEY NARRATIVE
for the Proposed Residential Development in Barangay San Pedro, Puerto Prinsesa City, Palawan, Philippines

In line with the EMB Memorandum Circular No. 2020-30 which provides for the Interim Guidelines on Public Participation in the Implementation of the Philippine Environmental Impact Statement (PD1586) During the State of National Public Health Emergency, a Perception Survey has been conducted for the proposed residential infrastructure project in Barangay San Padro, Puerto Prinsesa City, Palawan.

The aim of the activity was to take a snapshot of the community sentiments towards the proposed development which has been administered through the help of the Barangay San Pedro Health Workers.

A formal letter of request was shared to the honorable barangay chairman, Mr. Francisco R. Gabuco dated 24 June 2022 and the activity was then included in the agenda of the barangay meeting held last 13 July 2022. It was during this meeting where the requirements along with schedule of the activities for the conduct of the perception survey has been discussed.

An orientation for the 42 Barangay Health Workers which shall be the surveyors was conducted last 3 August 2022 to kick start the survey activities. The surveyors were then provided with an overview of the proposed development, and the goals and the survey questionnaire was broken down for them. The survey kits for the targeted 350 survey participants was also distributed.

The actual house-to-house survey commenced last 5 August 2022 and 341 accomplished survey forms have been delivered last 11 August 2022.

Attached herewith are the following:

1. Copy of the survey form
2. Photos of the survey
3. Tabulation of survey results

COPY OF THE PERCEPTION SURVEY QUESTIONNAIRE

PERCEPTION SURVEY QUESTIONAIRE 1 of 4

PROJECT:

***Dear Respondents/Constituents**:*

This survey is intended for the proposed residential development in Brgy. San Pedro, Puerto Prinsesa City, Palawan.

This survey intends to gather onsite data objectively that are vital for all stakeholders particularly those within the immediate surrounding of the development.

We will exert our best effort to attain an impartial analysis to address issues of common interests between the stakeholders and the proponent. For this reason, we would request your time to fill out/answer select questions below. Rest assure that all information will be treated **strictly private and confidential to be used only for the purpose of the study**.

Thank you.

A. PERSONAL INFORMATION

NAME of RESPONDENT		**DATE OF SURVEY**		
PLEASE CHECK IF RESPONDENT IS THE:	**(a) Father _____ (b) Mother _____ (c) Son _____ (d) Daughter (e) OTHERS, specify _____**			
ADDRESS		**PLEASE CHECK IF ACCOMMODATION OF THE RESPONDENT IS:**		***Owner***
AGE				***Tenant***
SEX				***Informal Settler***
C. STATUS (PLS CHECK)	( ) Single ( ) Married ( ) Widower ( ) Separated ( ) Live-in			***Care taker***

OCCUPATION/SOURCE OF INCOME/

Primary Source of Income	**PLS CHECK**	SPECIFY: Designation/ Level/Kind	**Secondary Source of Income**
Public Servant (Elected)			
Government Employee			
Member of the **AFP/PNP**			
Private employee			
Self-employed			
BUSINESSMAN: Grocer, Property Mgmt, Junkshop etc.			
Sari-sari Store/Vendor			
FISHERMAN			
HOUSEWIFE			
OFW			
STILL STUDENT			
OTHERS			

B. EDUCATIONAL ATTAINMENT___ [2 of 4]

LEVEL OF EDUCATION	CHECK	COURSE/QUALIFICATION
Elementary Level		
Elementary Graduate		
High School Level		
High School Graduate		
College Level		
College Graduate		
Graduate Studies		
Vocational		
OTHERS, PLS SPECIFY		

C. HOUSEHOLD INFORMATION

a. Place of birth: _____
(Lugar pinanganak)

b. Did you live/stay in this barangay continuously? **Please check** (YES___) (NO___)
(Matagal ka na bang nanirahan sa barangay?)
(Having studied/worked somewhere and goes back or with intention to go back to the community regularly is considered a continuous stay)

c. Length of stay in the barangay: _____
(Bilang ng taon nanirahan sa barangay)

d. Number of members in the family_____
(Bilang ng miyembro sa pamilya)

e. Type of Family: ***(Uri ng pamilya***)

TYPE OF FAMILY	PLS CHECK
Nuclear Family ***(isang pamilya laman***g)	
Extended Family ***(mahigit sa isang pamilya)***	
Living Alone ***(mag-isa)***	

f. The main use and purpose of river in your family or households, please check:
(Ano ang pangunahing gamit mo ng ilog?)

Uses	Pls. Check	Comments and Why?
Quarrying		
Fishing		
Animal Bathing		
Others (specify)		

g. What effects from flooding, if any, did any of your family member experienced this year and last year?
(Anu-anong klase ng epekto ng pagbaha ng ilog na inyong naranasan noon at ngayon?)
_____, _____, _____

h. How many times did you already experience flooding in your barangay?
(Ilang beses kang naapektohan ng pagbaha?)
Year? _____
Does the barangay or municipal helped you? **Pls check** (There is ___) (None ___)

_____

D. BARANGAY PROBLEMS

PERCEIVED PROBLEMS	ANSWER	REASONS
1. What is the most serious problem in the barangay? ***(Pangunahin suliranin sa barangay)***		
2. Please write the environmental problems you have been experiencing. ***(Suliranin pangkalikasan na nararanasan ninyo)***		
3. Please write your problems with regards to government services***. (Mga suliranin ninyo sa ser-bisyo ng pamahalaan local o nasiyonal)***		
4. Your problems about local employment***: (Mga suli-ranin sa paghahanap ng hanap-buhay)***		

E. WOMEN, YOUTH AND THE ELDERLY

PERCEIVED PROBLEMS IN THE COMMUNITY OR BARANGAY	ANSWERS	REASONS, ANSWERS & COMMENTS
1. The flooding problems and concerns of the youth***. (Mga problema sa mga kabataan)***		
2. The flooding problems of women in the community. ***[Mga problema ng mga kababaihan]***		
3. The flooding problems of the elderly: [Mga problema sa mga matatanda]		
4. What project do you think will contribute improvement in your barangay to avoid flooding? ***[Mga proyektong makakatulong sa inyong lugar]***		

F. PROJECT PERCEPTION

PERCEPTIONS	ANSWER		REASONS & SUGGESTIONS
1. **Do you have any idea about the proposed residential development in your barangay?** *(Alam mo ba ang planong paglalagay ng residential na building sa inyong barangay?)*	***PLEASE CHECK***		
	YES	**NO**	
2. Do you approve of this and why? *(Gusto mo ba ang proyektong ito? Bakit?)*	***PLEASE CHECK***		
	YES	***NO***	

3. **What do you think are benefits to your community**? *(Mga mong benepisiyo na maidudulot nito sa barangay)*		
4. **What do you think are negative impacts of this development?** (Mga di kanais-nais na maidudulot nito sa barangay)		
5. From number "4" above HOW do you want it solved? *(Ano ang mga dapat gawin?)*		
6. For yourself alone, can you think of benefits it can give you and your family? *(Sa iyo lang palagay, ano ang benepisyo nito?)*		
7. Write your suggestions and recommendations about the project: *(Mga mungkahi mo sa proyektong ito)*		(Please use overleaf of this page for additional comments and recommendation)

G. OTHERS

1. **Manner/Ways of disposing your garbage**: a. ___LGU collection services; b. ___Backyard garbage pit c. ____Burning
2**. Toilet availability**: a. ____ Owned; b. ___ Public Toilet; c. ___Share with neighbors; d. ___ NONE

3.**Type of toilet**: a. ___water-sealed with concrete septic tank; b.___ water-sealed/NOT concrete septic tank; c. ____ Open pit

H. FOR REMEDIAL MITIGATIONS, PLEASE **LIST DOWN ANY PROBLEM POSED BY PROJECTS CONSTRUCTED NEAR THE BARANGAY:**

PROBLEMS	REASONS

I. **OTHER CONCERNS**:

_____
Signature
Contact No.: _____

PHOTOS DURING THE CONDUCT OF THE PERCEPTION SURVEY









TABULATION OF THE PERCEPTION SURVEY RESULTS

Summary Matrix of Accomplished IEC/Social Preparation Activities with List of Issues & Proponent's Response

There is already a close coordination with the Local Government Unit of Puerto Princesa City for the proposed project. Cebu Landmasters, Inc. has been coordinating with the Barangay and Local Government Unit (LGU) for the approval for the construction and operation of the Casa Mira Towers Palawan in the site. Attached is the Minutes of Meeting during the Initial Public Scoping of the proposed project of Barangay San Pedro, Puerto Princesa City, Plawan.

The IEC activity of Casa Mira Towers Palawan starts at 4PM in the afternoon on March 10, 2022 held at Barangay Multi – Purpose Hall, Conception Castro Building, Brgy. San Pedro, Puerto Princesa City, Palawan. Mr. John Carlo Tria the overall Project Director/ Consultant of Environmental Counselors, Inc. led the program and, introduced the team members (Engr. Aldwin Camance, Team Lerader and Allaine Patricia Unido, Technical Staff) and the speaker Vice President of Cebu Landmasters, Inc. (CLI) Mr. Jess Kabigting. The activity went well, attendees participate especially during the open forum regarding the project.

Minutes of the Meeting

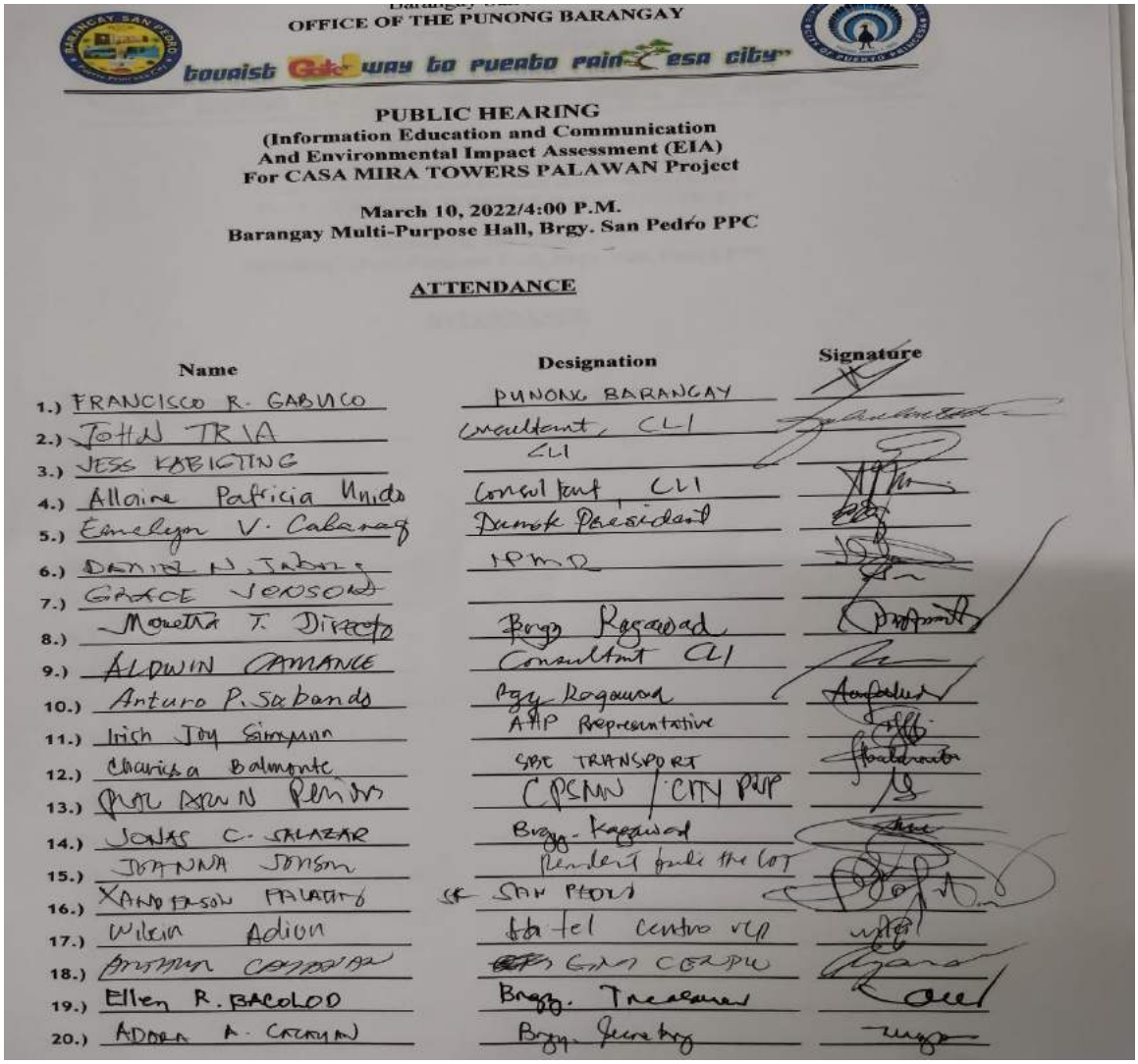
Meeting Details

Objective:	Information, Education and Communication (IEC) Activity
Called by:	Cebu Landmasters, Inc.
Time:	4:00PM-5:00PM
Date:	March 10, 2022
Location:	Barangay Multi – Purpose Hall, Conception Castro Building, Brgy. San Pedro, Puerto Princesa City, Palawan
Attendees:	
1. Francisco R. Gabuco	Punong Barangay
2. John Carlo Tria	Consultant, Cebu Landmasters, Inc.
3. Jess Kabigting	Cebu Landmasters, Inc
4. Aldwin Camance	Consultant, Cebu Landmasters, Inc.
5. Allaine Patricia Unido	Consultant, Cebu Landmasters, Inc.

6. Emerlyn V. Cabanag	Purok President: Matahimik
7. Grace Jonsor	Resident
8. Marietta T. Directo	Brgy. Kagawad
9. Arturo P Sabando	Brgy. Kagawad
10. Daniel N. Tabang	Indigenous People Mandatory Representative (IPMR)
11. Irish Joy Simyunn	Adventist Hospital Representative
12. Gaspar T. Herendero	Brgy. Kagawad
13. Charissa H. Balmonte	HR/SBE Transport
14. Pal Arun M. Penions	Brgy. San Pedro (City PNP)
15. Joanna Jonson	Resident behind the lot
16. Anthun Camalan	Hotel Centro
17. Wilein Adion	Hotel Centro
18. Jonas Salazar	Brgy. Kagawad
19. Ellen R. Bacolod	Brgy. Treasurer
20. Adora Cacayan	Brgy. Secretary
21. Xanderson Palating	SK Brgy. San Pedro
Attendees: (Zoom)	
1. Ronald Sabinay	Cebu Landmasters, Inc
2. Arnel Aytona	Cebu Landmasters, Inc
3. Marie Roco	Cebu Landmasters, Inc
4. Andrea Mariel Ferrater	Cebu Landmasters, Inc
5. Jovic Fabello	Palawan Council and Sustainable Development (PCSD)
6. Engr. Flordeliza Sernadilla	City Planning and Development Office
7. Carlos Castillo	City Engineer
8. Lorraine Banzuelo	Local Economic Investment Promotion Office (LEIPO)
9.	City ENRO

10. Mark Lorenz Nicanor	Rotaract Club of Puerto Princesa
11. April Rose Tumampil	San Pedro, Parish-Puerto Princesa City

Figure 1. Attendance of IEC Activity



OFFICE OF THE PUNONG BARANGAY

tourist Gateway to puerto princesa city

PUBLIC HEARING
(Information Education and Communication
And Environmental Impact Assessment (EIA)
For CASA MIRA TOWERS PALAWAN Project

March 10, 2022/4:00 P.M.
Barangay Multi-Purpose Hall, Brgy. San Pedro PPC

ATTENDANCE

	Name	Designation	Signature
1.)	FRANCISCO R. GABUCO	PUNONG BARANGAY	
2.)	JOHN TRIA	Consultant, CLI	
3.)	JESS KABIGTING	CLI	
4.)	Allaine Patricia Unida	Consultant CLI	
5.)	Emelyn V. Cabanag	Damak President	
6.)	DANIEL N. JABAY	HPMO	
7.)	GRACE JOSOL		
8.)	Maretta T. Directo	Brgy Kagawad	
9.)	ALDWIN CAMANCE	Consultant CLI	
10.)	Arturo P. Sabando	Brgy Kagawad	
11.)	Irish Joy Simyunn	AHP Representative	
12.)	Charisa Balmonte	SBC TRANSPORT	
13.)	[illegible]	CPSMN / CITY PDP	
14.)	JONAS C. SALAZAR	Brgy - Kagawad	
15.)	JOANNA JONSON	President Bukle the Cat	
16.)	XANDERSON PALAFOX	SAN PEDRO	
17.)	Wilson Adion	Hotel Centro VCP	
18.)	[illegible]	GAD COORDN	
19.)	Ellen R. BACOLOD	Brgy. Treasurer	
20.)	ADORA A. CACAYAN	Brgy Secretary	

List of issues and Proponents Response		
	Issues	**Response**

• Chairman of infracommittee	Drainage System	Already coordinated with DPWH and City Engineer
• Joanna (Owner of the house near the project)	• Construction Noise and dust • STP Odors	• Operation hrs (7am-5PM) • STP at the basement • STP consultant • STP full anerobic treatment, each building will have initial STP and go to a central STP, water will go to rainwater collection tank (not discharged) to allow reuse for landscape. • Irrigation. • Project will be managed by CLI to ensure proper operation,
	• Height Unit	• Podium Parking • Suggest firewall to protect the house
• Brgy. Official	• Can we reserve? • When to start	• Will get the name-still working out other permits. • Official Launch is end of the second quarter June-July (Phase 1) construction by August
• Barangay Captain	• Where to consider or get labor or will be sourced	• Contractors will be local residents • Consider/gratified and qualified residents • Brgy. endorsement needed for the locals
• Kagawad	Selling	• 1.8 Total Contract Price • 10-12% equity • 36-42 months to pay (take out/turn over)
• Hotel Centro	Can we buy adjoining units?	• Yes, pay vat is beyond 3.2M
• Barangay Captain	How much is a one bedroom per month	• Separate owners • 2.9-3 Starting selling of one bedroom • 11-12, 000 per month equity of one bedroom
• Hotel Centro	Will there be an office of CLI	• Yes, at the ground floor and also at the construction site (PM office) • 4 PM office during operation of a property management office
Zoom Question:		
• PCSD	Reminded about clearance/permits before proceeding the project (SEP Clearance)	Will comply

• City ENRO	Reminded to coordinate with City Government in Locational Clearance	Will comply

Figure 2. During IEC Activity











PUBLIC SCOPING REPORT

as an application for an

ENVIRONMENTAL COMPLIANCE CERTIFICATE (ECC)

of

CEBU LANDMASTERS, INC.
Casa Mira Towers Palawan

Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan

Submitted to

DENR

Department of Environment and Natural Resources
Environmental Management Bureau (EMB)
Regional Office VII
DENR Compound, Greenplains Subdivision, Banilad, Mandaue City

ENVIRONMENTAL COUNSELORS, INC.
ENVIRONMENTAL CONSULTANTS

ECI 25 Years
Helping you be environment friendly

November 02, 2022

JOE AMIL M. SALINO
Regional Director
Department of Environment and Natural Resources
Environmental Management Bureau MIMAROPA
6th Floor, DENR by the Bay Bldg.,
Roxas Blvd., Ermita, Manila

ATTENTION: **EnP Nicole Yuri V. Doradoo**
Chief, Clearance and Permitting Division

SUBJECT: **SUBMISSION OF PUBLIC SCOPING REPORT AND REQUEST OF TECHNICAL SCOPING FOR CASA MIRA TOWERS PALAWAN**

Dear Sir:

We are pleased to submit herewith the Public Scoping Report of **Casa Mira Towers Palawan Project** which was done last September 14, 2022 via Zoom Platform.

In this connection, we would like to request for the Technical Scoping for said project on November 14, 2022 via Zoom Platform.

We hope our submission merits your timely and favourable action on our request.

Thank you!

Very Truly Yours,

Allaine Patricia P. Unido
Environmental Counselors, Inc.

Metro Manila Head Office
Unit E, 9th Floor, Strata 100 Bldg.
Emerald Avenue, Ortigas Center
Pasig City 1605, Philippines
Telefax:(+632) 637-6626, 637-6627
E-mail: info@eci.com.ph
Website: www.eci.com.ph

Davao City
Visayas-Mindanao Regional Office:
3A Telstar Street, GSIS Heights,
Matina, Davao City
Tel: (+63923)2750540, (082)285-0133
(+63920)9059709
Email:ecisouth@gmail.com

PUBLIC SCOPING REPORT
OF
CASA MIRA TOWERS PALAWAN PROJECT

Project Name	Casa Mira Towers Palawan Project	**Project Location**	San Pedro (Barangay) | Puerto Prinsesa (Municipality/City) | Palawan (Province) | IV-B (Region)
Proponent Name	Cebu Landmasters, Inc.	**Proponent Address**	10th Floor Park Centrale, I.T. Park, Apas, Cebu City
Proponent Contact Person	Ronald Sabinay	**Proponent Means of Contact**	Mobile Number: 09176394238 Email Address: ronald_sabinay@cebulandmasters.com
EIA Consultant	Environmental Counselors, Inc.	**Consultant Address**	Head Office: Unit E, 9th Floor, Strata 100 Bldg. Emerald Avenue, Ortigas Center Pasig City 1605, Philippines
EIA Consultant Contact Person	John Carlo Tria	**Consultant Means of Contact**	Telefax:(+632) 637-6626, 637-6627 Mobile Number: 09209059709 Email Address: jcbtíia@eci.com.ph
EMB/DENR Scoping Representative/s	Oliver Barrientos	**Place of Public Scoping**	Online Zoom Meeting Meeting ID: 893 4725 7991 Passcode: 051669 or https://tinyurl.com/CasaMiraTowers
		Date of Public Scoping	14 SEPTEMBER 2022 (Wednesday) 10:00 AM to 12:00 NN

Minutes of Public Scoping

1. Attendees

The activity officially started with the entry of attendees in the Zoom Meeting link starting at 9:30 in the morning. The mainattendees are as follows:

List of Attendees			
No.	**Name**	**Organization**	**Sex**
1	Paul Juanillo	San Pedro Parish of Puerto Princesa City	M
2	Engr. Victor Austria	Rotaract Club of Puerto Princesa City	M
3	Engr. Jusette Cortes	Rotaract Club of Puerto Princesa City	F
4	Atty. Philip Nangkil	Puerto Princesa City Chamber ofCommerce	M
5	Jovic Fabello	Palawan Council for Sustainable Development	M
6	Glenda Cadigal	Palawan Council for Sustainable Development	F
7	Ariel Penonia	Palawan Council for Sustainable Development	M
8	Joanna Jonson	Palawan Council for Sustainable Development	F
9	Atty. Carlo Gomez	Palawan Council for Sustainable Development	M
10	Lorraine Banzuelo	Local Economic Investment Promotion Office	F
11	Oliver Barrientos	Environmental Management Bureau, Region IV-B	M

12	John Tria	Environmental Counselors, Inc	M
13	Engr. Aldwin Camance	Environmental Counselors, Inc	M
14	Cams Cammayo Janda	Environmental Counselors, Inc	F
15	Allaine Patricia Unido	Environmental Counselors, Inc	F
16	Hazel DP. Salavador	Department of Trade and Industry Palawan	F
17	Emma Quillope	Department of Trade and Industry Palawan	F
18	Engr. Neil David Madelo	Civil Engineering Department, Palawan State University	M
19	Engr. Flordeliza Sernadilla	City Planning and Development Office of Puerto Princesa City	F
20	Carlos Alfredo Castillo	City Planning and Development Office of Puerto Princesa City	M
2	Carl Von Leen Curada	City Environment and Natural Resource Office of PuertoPrincesa City	M
22	Angel Madriñan	City Environment and NaturalResource Office of Puerto Princesa City	F
23	Jess Kabigting	Cebu Landmasters, Inc.	M
24	Ronald Sabinay	Cebu Landmasters, Inc.	M
25	Arnel Aytona	Cebu Landmasters, Inc.	M
26	Andrea Ferrater	Cebu Landmasters, Inc.	F
27	Mark Chang	Cebu Landmasters Inc.	M
28	Noel Yumol	Cebu Landmasters Inc.	M

2. Introduction

Ms. Cams Cammayo Janda started the program at around 10:00 AM with an invocation and the singing of the national anthem. She then introduced each individual participant from the private sector, the local and national government, the members of the consulting group, and the personnel from Cebu Landmasters,Inc. that were present. After the introduction, she also shared the flow activities for the entire meeting.

3. EMB Introduction

Mr. Oliver Barrientos from the Environmental Impact Assessment (EIA) Section of the Environmental Management Bureau, Region IV-B was again introduced and presided over the fourth program of activity. He shared a power point presentation which explains the entire EIA process to also further provide background on the purpose of the public scoping activity.

He stressed the importance of pulling together the various stakeholders of the project to ensure that inputs, issues and concerns are raised and are incorporated from project planning phase, and also serve as a basis for the DENR to determine if the project is environmentally sound.

4. Project Presentation

It was Mr. Ronald Sabinay of Cebu Landmasters, Inc. (CLI) who presided over the fifth program of activity. He gave a brief introduction of what CLI stands for and proceeded to provide a description of what the proposed development was all about. In his presentation, he shared that Casa Mira, the project, is a residential development which aims to provide an affordable housing option which caters to the common aspiration of every Filipino family to own and live in a home which is both beautiful and has the best value for their money. The project components and facilities along with some of the conceptual designs of the project have also been presented. Likewise, the project benefits to both the local barangay and the city were discussed.

5. Open Forum

The table below summarizes the issues, concerns, inputs, and suggestions that were raised by the attendees, as well as the correspondingresponses of the project proponent.

Issues and Concerns to be Included in the Scope of the EIA Study

EIA Module	Sector or Representative Who Raised the Issue/Suggestion	Issues/Suggestions Raised by Stakeholder	Proponent's Response
LAND			
	Forester Jovic Fabello, *Palawan Council for Sustainable Development*	Impact on vegetation/ standing trees within the project site. In cases tree cutting activities will be done, barangay certificates have to be secured and only registered chainsaws should be used.	The proponent complies with this. The landscaping plan of the project aims to keep as much of the standing trees as possible, but for those that will need to be cut, discussions with DENR, the local CENRO and the barangay shall be initiated to better understand the activities that the proponent has to do to secure required Tree Cutting Permits. Additionally, the proponent agrees to use only registered chainsaws and is willing to conduct tree planting and balling out activities.
	Forester Jovic Fabello, *Palawan Council for Sustainable Development*	DENR's ruling for dedicating 30% of the land area of subdivision developments to open space.	The proponent is dedicating almost 58% of its land area to open spaces. The project design has converted its access roads to a single circulation road and the space that was saved was converted to a central amenity. The tops of the building are also designed to be green roof tops mirroring the hills of Palawan.
	Carl Von Leen Curada, *City Environment and Natural Resource Office of Puerto Princesa City*	Use of native/endemic plants for the landscape.	Natural endemic trees/shrubs and ground cover will be used by the proponent for the project's landscaping.

EIA Module	Sector or Representative Who Raised the Issue/Suggestion	Issues/Suggestions Raised by Stakeholder	Proponent's Response
WATER			
	Forester Jovic Fabello, *Palawan Council for Sustainable Development*	Impact on water pressure/supply during construction and operation phase	There will be a temporary cistern that will be built for construction use, as well as a permanent cistern for utilization of the condominium residents during operating phase. These cisterns should not impact the capability of the water district to supply water to its service areas since the cisterns would not pump in water and is rather only filled depending on the availability of natural flowing water supply.
	Forester Jovic Fabello, *Palawan Council for Sustainable Development*	Site drainage	A rainwater collection system shall be provided, which is compliant with the Green Building Code. On top of this, three detention tanks will be provided, one for each project phase, which are designed to store rainwater during heavy rains and prevent overspill to the nearest tapping point of the site. The storage tanks have also been designed to have a gravel bottom to allow water to seep to the ground. There is also a box culvert that will be built near the roadside to prevent/minimize flow of water to the city roads.
	Forester Jovic Fabello, *Palawan Council for Sustainable Development*	STP	Central STP for the whole development and following the principle of zero discharge, the treated water from the centralized STP will be utilized for maintaining the landscape features.
AIR			
	Forester Jovic Fabello, *Palawan Council for*	Burning of wastes	The proponent is amenable to not burn wastes.

EIA Module	Sector or Representative Who Raised the Issue/Suggestion	Issues/Suggestions Raised by Stakeholder	Proponent's Response
	Sustainable Development		
PEOPLE			
	Forester Jovic Fabello, *Palawan Council for Sustainable Development*	Building height	The proponent was able to secure a change in height restrictions in the project site from 5 to 12. The building height of the project is also within the height restrictions of CAAP.
	Forester Jovic Fabello, *Palawan Council for Sustainable Development*	Verify road setback is within the city required limits.	More than 5 meters from the sidewalk.
	Forester Jovic Fabello, *Palawan Council for Sustainable Development*	Power supply for the development and consideration of alternative sources of energy.	Even during early planning stages, coordination have been initiated with PALECO and so the proponent was able to confirm available transformers and additional requirements to be incorporated in the project's equipment room. 100% power backup have also been designed from day 1. Currently, the proponent is looking into incorporating solar panels in rooftops
	Engr. Neil David Madelo, *Civil Engineering Department, Palawan State University*	Empowerment of local community/ Indigenous People	A big portion of the workforce will have to be local. Typically, 60-70% of the workforce will come from within the area and will only require a Certificate of Good Standing from the barangay.
	Engr. Jusette Cortes, *Rotaract Club of Puerto Princesa City*	Noise from generators given the impending power crisis in Puerto Princesa City due to	There will be two genset options that may be implemented in the project site but both will ensure that the noise from the operations will be minimized and within the standard decibel rating required: a) industrial type with built-in

EIA Module	Sector or Representative Who Raised the Issue/Suggestion	Issues/Suggestions Raised by Stakeholder	Proponent's Response
		the non-payment of NPC to Delta P, Inc.	silencer; b) open type and pad-mounted. The gensets will be housed in the same locations as the STPs near the existing warehouse and open spaces and away from existing residential areas. The location will also have double wall linings, acoustic treatments, and isolators.
	Engr. Jusette Cortes, *Rotaract Club of Puerto Princesa City*	Awareness/involvement of Barangay	There is a seminar that coincides with the scheduled public scoping and the barangay representative was not able to attend the event. There were, however, several - scoping activities that were done alongside the barangay LGU including the IEC which was held last 10 March 2022 in the Barangay Multi-Purpose Hall, and the Perception Survey conducted with the help of 42 Barangay Health Workers across 350 households in Barangay San Pedro from 5 to 11 August 2022.
	Forester Jovic Fabello, *Palawan Council for Sustainable Development*	Status of SEP Clearance from PCSD	Just awaiting SB Resolution endorsing the project and the requirements will be submitted within the week to PCSD
	Hazel DP. Salavador, *Department of Trade and Industry Palawan*	Income Tax Incentives from BOI	CLI is currently applying for tax incentives from BOI for the CMT Palawan project.
	Lorraine Banzuelo, *Local Economic Investment Promotion Office*	Business and Real Property Tax Incentives offered by Puerto Princesa City	CMT Palawan Project is not yet covered under the current areas of investments for the tax holiday.
OTHERS			

EIA Module	Sector or Representative Who Raised the Issue/Suggestion	Issues/Suggestions Raised by Stakeholder	Proponent's Response
	Forester Jovic Fabello, *Palawan Council for Sustainable Development*	Impact of noise from construction during nighttime	Only in instances where construction during nighttime cannot be avoided, it will be ensured that activities will be very minimal in consideration of nearby residential areas. Among such activities that may be conducted include in situ concrete/buhos but these would still be implemented only until 10pm (or earlier) and only with the use of equipment with nominal noise. The team agrees to abide by all local ordinances, including those related to noise pollution control.
	Forester Jovic Fabello, *Palawan Council for Sustainable Development*	Mitigate heavy impact on traffic flow within the area considering Libis is utilized as a secondary route	The proponent is amenable to this. A Traffic Circulation Plan during construction shall be submitted, including schedule of deliveries.
	Forester Jovic Fabello, *Palawan Council for Sustainable Development*	Cost of Residential Unit in Casa Mira Towers	~2.8Php Million or equity term of 42 months at P5,000 to P8,000

Observing EIARC Member

Name	Expertise
Oliver Barrientos	

EIA Personnel

Signature over Printed Name

Signature over Printed Name

Representatives of the Project Proponent

RONALD SABINAY
Signature over Printed Name

JESS KABIGTING
Signature over Printed Name

Noted by:
EIAM Division Chief/ Chief
R&E Section

Signature over Printed Name

EIA Consultants:

ALDWIN CAMANCE
Signature over Printed Name

6. Closing Remarks

The activity officially ended at around 11:30 AM after Mr. Jess Kabigting from CLI shared a few words for the closing remarks and some screen photos were taken.

7. Public Scoping Program

Time Allotted	Program of Activities	Person Responsible
9:30 AM – 10:00 AM	Registration	ECI (Allaine/Cams)
10:00 AM – 10:30 AM	Invocation National Anthem Purpose of Public Scoping	Digital Digital EMB: Oliver Barrientos
10:30 AM – 11:00 AM	Brief Project Presentation	CMT: Ronald Sabinay
11:00 AM – 12:00 NN	Open Forum Closing Remarks	CMT: Jess Kabigting

8. Proof of Notification/Posting

Please refer to appendix A for the Notice of Public Scoping, Appendix B for the Invitation Letters, and Appendix C for the screen capture of invitations sent via email.

9. Documentation

Recorded session:

audio1763912016.m4a

video1763912016.mp4

Group pictures:



Figure 1. Registration

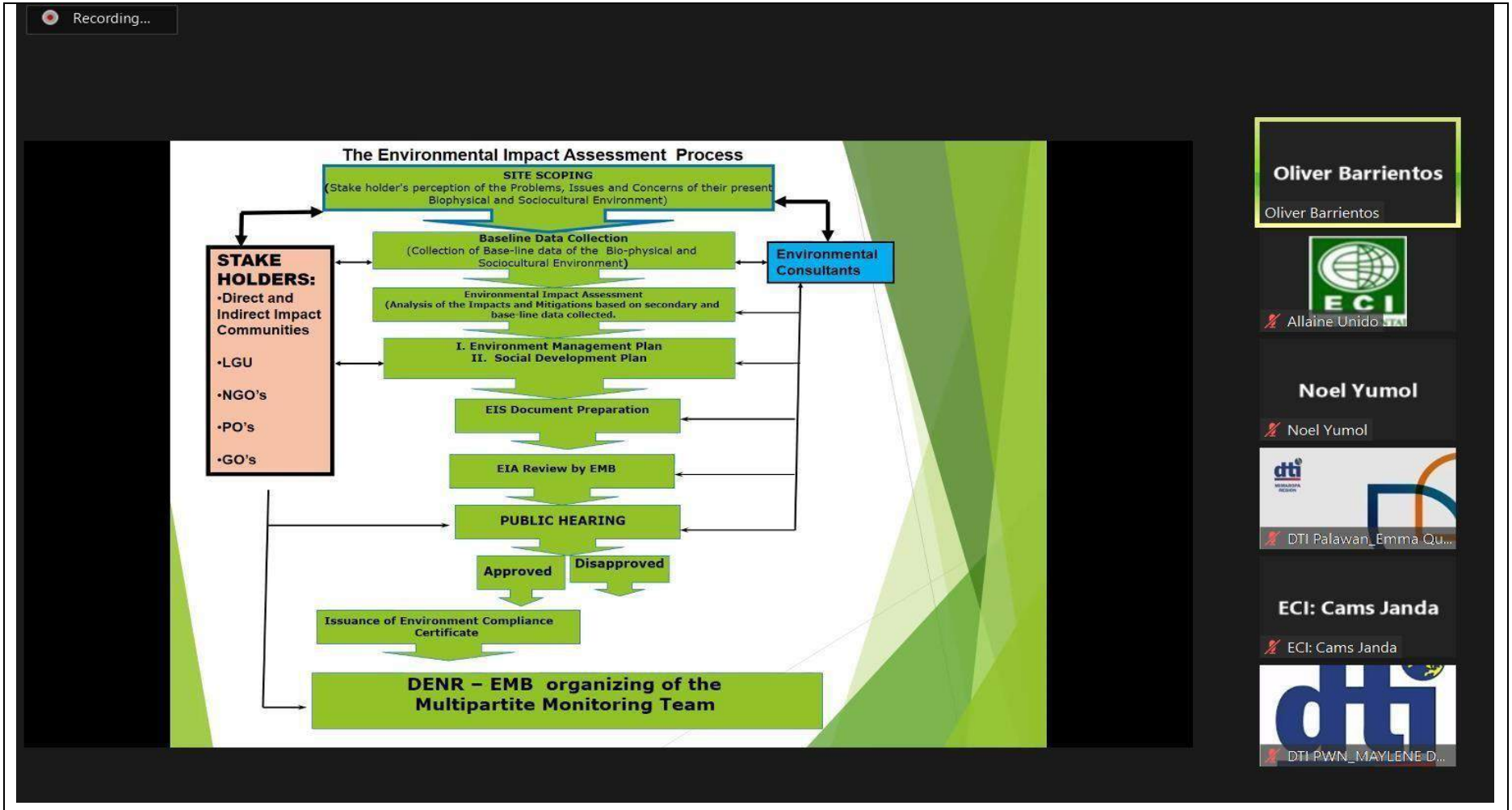


Figure 2. Presentation of the Purpose of Public Scoping

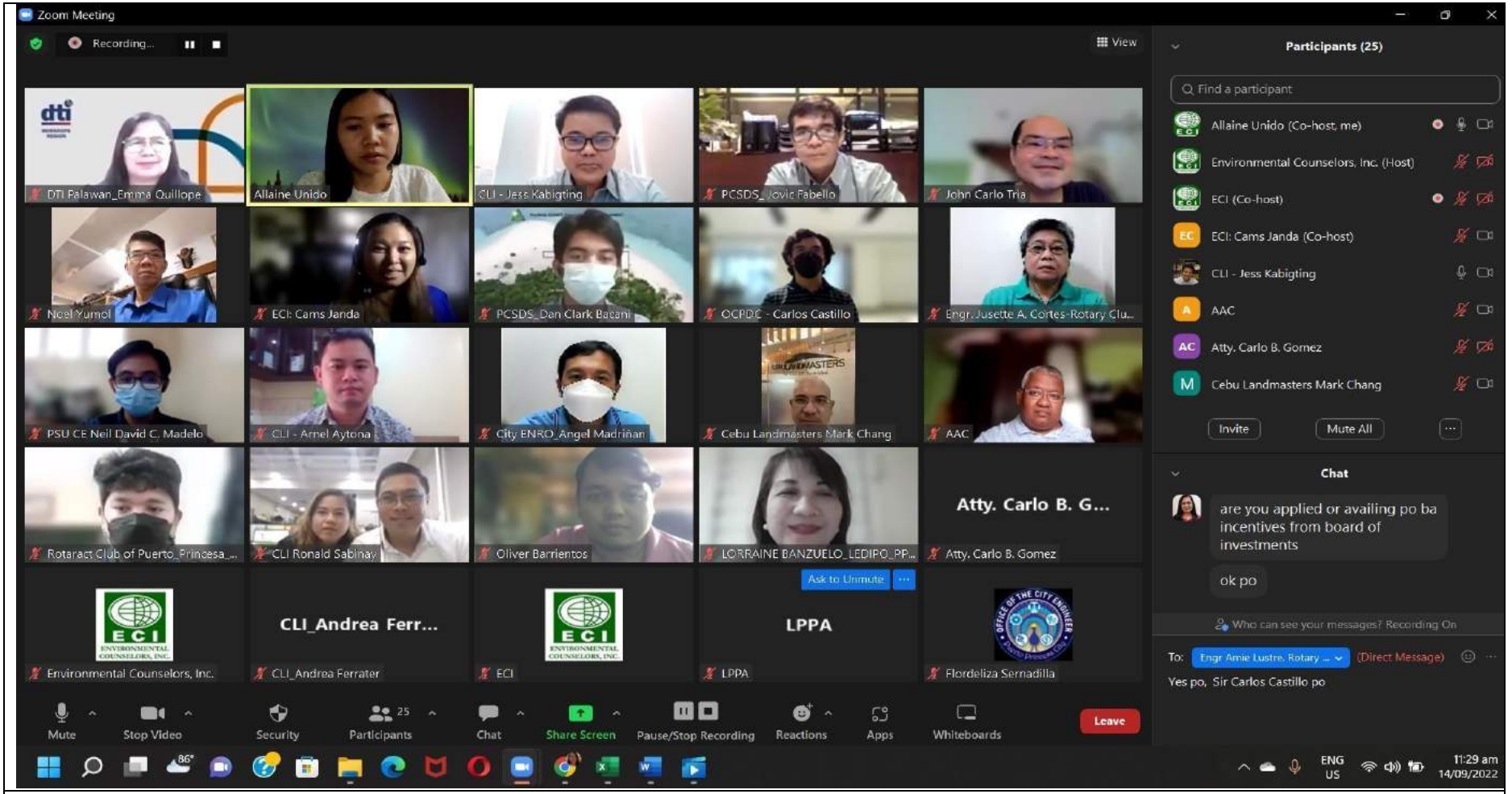
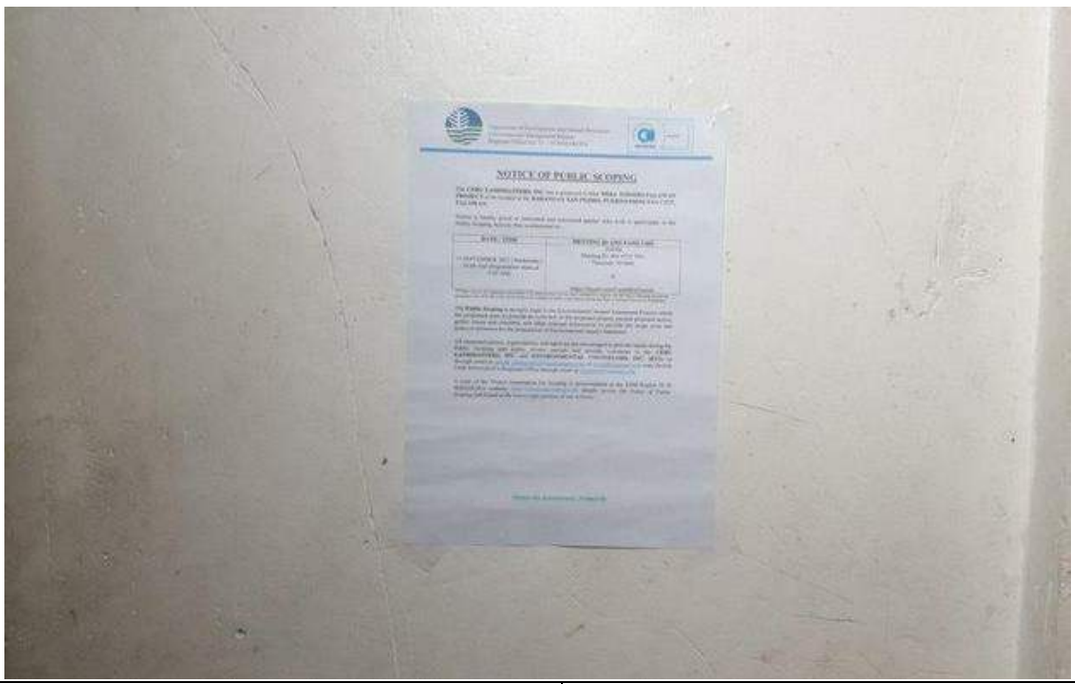
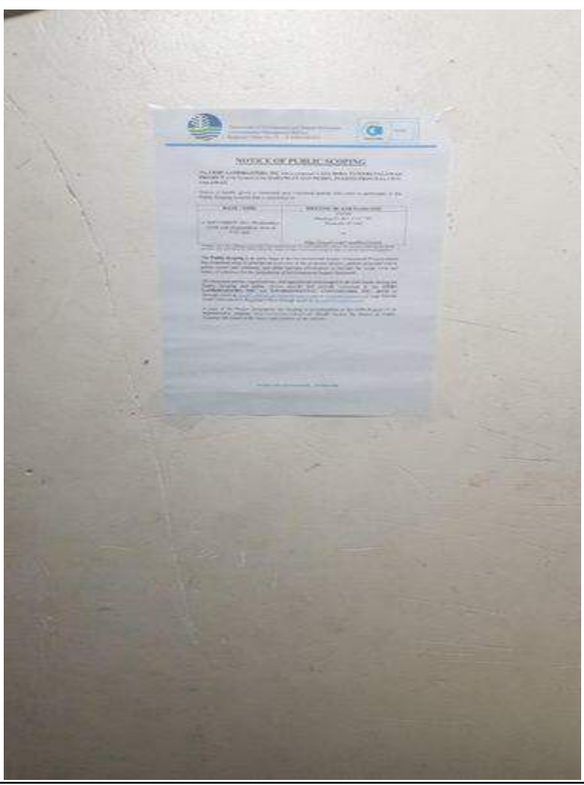
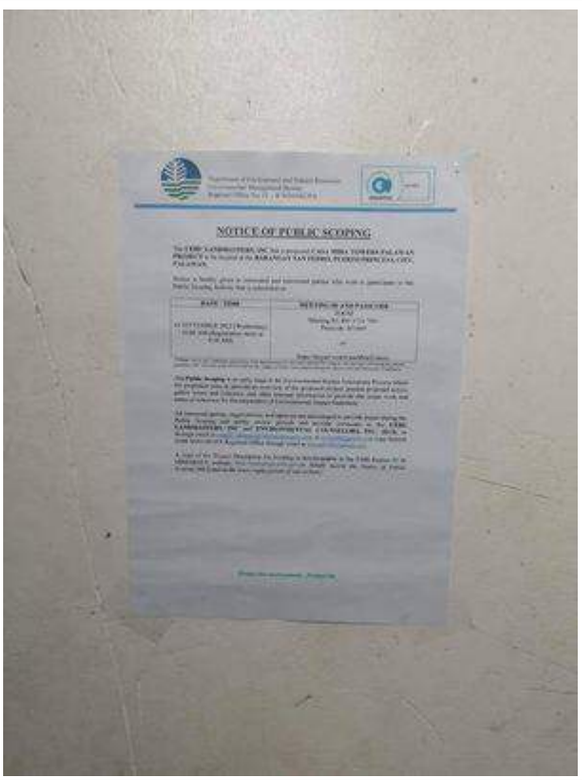


Figure 3. Closing Remarks/Documentation of attendees

APPENDIX A

Notice of Public Scoping

Proof of Posting	
	
	
San Pedro Barangay Hall	

NOTICE OF PUBLIC SCOPING

The **CEBU LANDMASTERS, INC** has a proposed **CASA MIRA TOWERS PALAWAN PROJECT** to be located at the **BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN.**

Notice is hereby given to interested and concerned parties who wish to participate in the Public Scoping Activity that is scheduled on:

DATE / TIME	MEETING ID AND PASSCODE
14 SEPTEMBER 2022 (Wednesday) / 10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 051669 or https://tinyurl.com/CasaMiraTowers

****Note: Due to the Community Quarantine (CQ) implemented over the entire MIMAROPA Region, this meeting is following the interim guidelines (MC 2020-30) of the DENR EMB on the conduct of Public Participation during the State of National Emergency (Pandemic).*

The **Public Scoping** is an early stage in the Environmental Impact Assessment Process where the proponent aims to provide an overview of the proposed project, present proposed action, gather issues and concerns, and other relevant information to provide the scope work and terms of reference for the preparation of Environmental Impact Statement.

All interested parties, organizations, and agencies are encouraged to provide inputs during the Public Scoping and public review periods and provide comments to the **CEBU LANDMASTERS, INC** and **ENVIRONMENTAL COUNSELORS, INC. (ECI)** or through email at ronald_sabinay@cebulandmasters.com or ecisouth@gmail.com copy furnish EMB MIMAROPA Regional Office through email at eia.embr4b@gmail.com.

A copy of the Project Description for Scoping is downloadable at the EMB Region IV-B MIMAROPA website: http://mimaropa.emb.gov.ph *(kindly access the Notice of Public Scoping link found at the lower-right portion of our website).*

APPENDIX B
Invitation Letters

Department of Environment and Natural Resources
Environmental Management Bureau
Regional Office No. IV – B MIMAROPA

September 07, 2022

HON. VICTORINO DENNIS M. SOCRATES
GOVERNOR
Provincial Government of Palawan

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Governor Socrates***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

DATE / TIME	MEETING ID AND PASSCODE
14 SEPTEMBER 2022 (Wednesday) / 10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 051669 or https://tinyurl.com/CasaMiraTowers

The **Public Scoping** is an early stage in the Environmental Impact Assessment Process where the proponent aims to provide an overview of the proposed project, present proposed action, gather issues and concerns, and other relevant information to provide the scope work and terms of reference for the preparation of Environmental Impact Statement.

A copy of the Project Description for Scoping is downloadable at the EMB Region IV-B MIMAROPA website: http://mimaropa.emb.gov.ph *(kindly access the Notice of Public Scoping link found at the lower-right portion of our website)*.

For more information about the EIS system and EIA process, please visit the Provincial Environmental Management Unit (PEMU) – Palawan Office at PENRO Compound, Brgy. Sta. Monica, Puerto Princesa City, Palawan or email us at embmimaropa@emb.gov.ph and contact us at (02) 8633 2587.

Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

HON. LUCILO R. BAYRON
CITY MAYOR
Puerto Princesa City, Palawan

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Mayor Bayron***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

DATE / TIME	MEETING ID AND PASSCODE
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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

HON. FRANCISCO R. GABUCO
BARANGAY CHAIRMAN
Barangay San Pedro, Puerto Princesa City, Palawan

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Hon. Gabuco***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

ATTY. CARLO B. GOMEZ
CG Department Head,
Office of City ENRO
3rd Floor, New Green City Hall., Barangay San Jose
Puerto Princesa City, Palawan

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Atty. Gomez***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

DATE / TIME	MEETING ID AND PASSCODE
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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

ENGR. JOVENEE C. SAGUN
City Planning & Development Coordinator II
Office of the City Planning and Development Office
2nd Floor, New City Hall Building,
Sta. Monica Heights, Puerto Princesa, Palawan

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Engr. Sagun***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

ENGR. ALBERT JIMENEZ, JR.
CG Department Head II
Office of the City Engineer

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Engr. Jimenez, Jr.***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

ENGR. ANA MARGARITA G. LUSTRE-MALIHAN
President
Chamber of Commerce and Industry (Business sector)
Rizal Avenue, Puerto Princesa City

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Engr. Lustre-Malihan***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

ATTY. TEODORO JOSE S. MATTA
Executive Director
Palawan Council for Sustainable Development
Santa Monica Heights, Puerto Princesa, Palawan

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Director Matta***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

LORRAINE M. BANZUELO
Development Management Officer IV
Local Economic Investment Promotion Office (LEIPO)
City Government of Puerto Princesa City

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Ms. Banzuelo***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

JOEL B. VALERA
Regional Director
Department of Trade and Industry (DTI)

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Director Valera***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

ERIKA MAE C. DE VERA
President
Rotaract Club San Pedro East3820

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Ms. De Vera***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

JEFF ETOQUILLA
President
Rotaract Club Purto Princesa

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Mr. Etoquilla***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

REV. FATHER FRANCIS ENANO
Priest/Minister
San Pedro Parish-Puerto Princesa City

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Rev. Father Enano***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

EDGARDO ZABALA JR.
The Provincial Area Director
Couples for Christ (Private Religious Organization)

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Mr. Zabala, Jr.***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

MAE CUAJOTOR
President
REBAP Palawan (Professional Organization of Realtors)

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Ms Cuajotor***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

CAPTAIN DONALDO A. MENDOZA
Deputy Director General for Operations
CAAP

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Director Mendoza***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

DAISY S. MARISTELA
President
Palawan Realtors Board, Inc. (PALREB)

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Ms. Maristela***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

NOEL PANOL
President
Rotary Club of Puerto Princesa, Palawan

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear ***Mr. Panol***

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

September 07, 2022

_____
_____
_____

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

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Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

APPENDIX C
Screen Capture of Invitations Sent via Email

CC

From: **Cams Cammayo** >
To: dorsacacayan@gmail.com >
Cc: Allaine Patricia Unido >
John Carlo Tria >
September 9, 2022 at 6:27 PM

Dear Hon. Francisco Gabuco,

In behalf of EMB Region IV-B and Cebu Landmasters, Inc. we would like to invite you to a public scoping activity for the proposed Casa Mira Towers Palawan to be located in Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan. The activity is scheduled on:

Date/Time	Meeting and Passcode
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AU

From: **Allaine Patricia Unido** >
To: maloubonete@yahoo.com >
Cc: Cams Cammayo >
JOHN CARLO TRIA >
September 12, 2022 at 11:06 AM

Good day Ma'am/Sir

In behalf of EMB Region IV-B and Cebu Landmasters, Inc. we would like to invite you to a public scoping activity for the proposed Casa Mira Towers Palawan to be located in Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan. The activity is scheduled on:

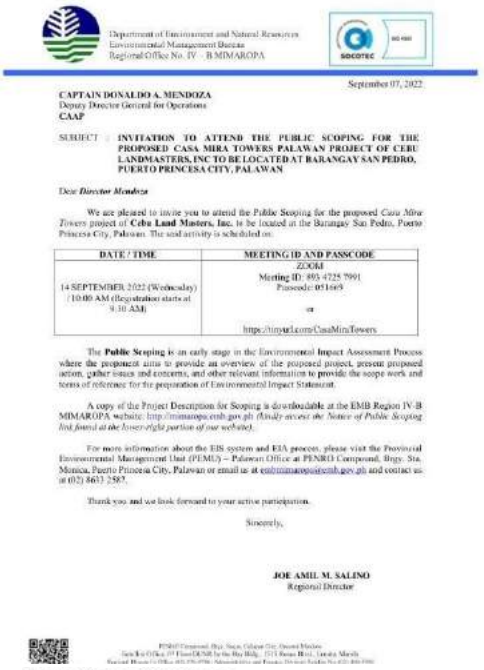
Date/Time	Meeting and Passcode
14 SEPTEMBER 2022 (Wednesday) / 10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 051669 or https://tinyurl.com/CasaMiraTowers

A copy of the official invitation from DENR-EMB Region IV-B is also hereby attached.

AU

From: **Allaine Patricia Unido** >
To: odg.caap@gmail.com >
Cc: John Carlo Tria > Cams Cammayo >
September 12, 2022 at 1:51 PM

Dear Ma'am/Sir



Department of Environment and Natural Resources
Environmental Management Bureau
Regional Office No. IV - B (MIMAROPA)

SOCOTEC

September 07, 2022

CAPTAIN DONALDO A. MENDOZA
Deputy Director General for Operations
CAAP

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear Director Mendoza

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

DATE / TIME	MEETING ID AND PASSCODE
14 SEPTEMBER 2022 (Wednesday) / 10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 051669 or https://tinyurl.com/CasaMiraTowers

The **Public Scoping** is an early stage in the Environmental Impact Assessment Process where the proponent aims to provide an overview of the proposed project, present proposed action, gather issues and concerns, and other relevant information to provide the scope work and terms of reference for the preparation of Environmental Impact Statement.

A copy of the Project Description for Scoping is downloadable at the EMB Region IV-B MIMAROPA website: http://mimaropa.emb.gov.ph *(Kindly access the Notice of Public Scoping link found at the lower-right portion of our website).*

For more information about the EIS system and EIA process, please visit the Provincial Environmental Management Unit (PEMU) – Palawan Office at PENRO Compound, Brgy. Sta. Monica, Puerto Princesa City, Palawan or email us at emb.mimaropa@emb.gov.ph and contact us at (02) 8633 2587.

Thank you and we look forward to your active participation.

Sincerely,

JOE AMIL M. SALINO
Regional Director

PENRO Compound, Brgy. Sta. Monica, Puerto Princesa City, Palawan
Satellite Office, 5th Floor DENR Building, 1515 Roxas Blvd., Ermita, Manila
Regional Director's Office: 433-2706 / Administrative and Finance Division Satellite No.: 435-3501

From: **Cams Cammayo**
<camellia.cammayo@gmail.com>
Date: Fri, Sep 9, 2022 at 6:51 PM
Subject: EMB Invitation for Scoping Activity for CMT Palawan
To: sanpedroparishppc@gmail.com
<sanpedroparishppc@gmail.com>
Cc: Allaine Patricia Unido
<allaineunido.eci@gmail.com>, John Carlo Tria
<jcbtria@eci.com.ph>

Dear Fr. Enano,

In behalf of EMB Region IV-B and Cebu Landmasters, Inc. we would like to invite you to a public scoping activity for the proposed Casa Mira Towers Palawan to be located in Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan. The activity is scheduled on:

Date/Time	Meeting and Passcode
14 SEPTEMBER 2022 (Wednesday)	ZOOM Meeting ID: 893 4725 7991 Passcode: 051669

CC

From: Cams Cammayo >
To: R04B.Palawan@dti.gov.ph >
Cc: Allaine Patricia Unido >
John Carlo Tria >
September 10, 2022 at 5:12 PM

Dear sir,

In behalf of EMB Region IV-B and Cebu Landmasters, Inc. we would like to invite you to a public scoping activity for the proposed Casa Mira Towers Palawan to be located in Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan. The activity is scheduled on:

Date/Time	Meeting and Passcode
14 SEPTEMBER 2022 (Wednesday) /10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 0516

CC

From: Cams Cammayo >
To: analustre_28@yahoo.com >
analustre28@yahoo.com >
Cc: Allaine Patricia Unido >
John Carlo Tria >
September 9, 2022 at 6:44 PM

Dear ma'am,

In behalf of EMB Region IV-B and Cebu Landmasters, Inc. we would like to invite you to a public scoping activity for the proposed Casa Mira Towers Palawan to be located in Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan. The activity is scheduled on:

Date/Time	Meeting and Passcode
14 SEPTEMBER 2022 (Wednesday) /10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 0516

CC

From: Cams Cammayo >
To: cityenro@puertoprincesa.ph >
cityenro.ppc@gmail.com >
citycpdo@puertoprincesa.ph >
cedcgpp2013@yahoo.com >
cityengineering@puertoprincesa.ph >
citymayor@puertoprincesa.ph >
Cc: Allaine Patricia Unido >
John Carlo Tria >
September 9, 2022 at 6:41 PM

Dear sir/ma'am,

In behalf of EMB Region IV-B and Cebu Landmasters, Inc. we would like to invite you to a public scoping activity for the proposed Casa Mira Towers Palawan to be located in Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan. The activity is scheduled on:

Date/Time	Meeting and Passcode
14 SEPTEMBER 2022 (Wednesday)	ZOOM Meeting ID: 893 4725 7991 Pass

CC

From: Cams Cammayo >
To: noelrcppc3830@gmail.com >
Cc: Allaine Patricia Unido >
John Carlo Tria >
September 10, 2022 at 5:05 PM

Dear sir,

In behalf of EMB Region IV-B and Cebu Landmasters, Inc. we would like to invite you to a public scoping activity for the proposed Casa Mira Towers Palawan to be located in Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan. The activity is scheduled on:

Date/Time	Meeting and Passcode
14 SEPTEMBER 2022 (Wednesday) /10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 051669 or

From: **Cams Cammayo**
To: aaiib@caap.gov.ph
caap.aaiib2013@gmail.com
opcencaap@gmail.com
Cc: Allaine Patricia Unido
John Carlo Tria
September 10, 2022 at 5:01 PM

Dear sir,

In behalf of EMB Region IV-B and Cebu Landmasters, Inc. we would like to invite you to a public scoping activity for the proposed Casa Mira Towers Palawan to be located in Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan. The activity is scheduled on:

Date/Time	Meeting and Passcode
14 SEPTEMBER 2022 (Wednesday) / 10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 051669 or

Found in Gmail Inbox

From: **Cams Cammayo**
To: rotaract.puertoprincesa@gmail.c...
Cc: Allaine Patricia Unido
John Carlo Tria
September 10, 2022 at 5:10 PM

Dear sir,

In behalf of EMB Region IV-B and Cebu Landmasters, Inc. we would like to invite you to a public scoping activity for the proposed Casa Mira Towers Palawan to be located in Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan. The activity is scheduled on:

Date/Time	Meeting and Passcode
14 SEPTEMBER 2022 (Wednesday) / 10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 051

From: **Cams Cammayo**
To: ced@pcsd.gov.ph
Cc: Allaine Patricia Unido
John Carlo Tria
September 9, 2022 at 6:47 PM

Dear ma'am,

In behalf of EMB Region IV-B and Cebu Landmasters, Inc. we would like to invite you to a public scoping activity for the proposed Casa Mira Towers Palawan to be located in Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan. The activity is scheduled on:

Date/Time	Meeting and Passcode
14 SEPTEMBER 2022 (Wednesday) / 10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 051

From: **Cams Cammayo**
To: cons.enp.mae@gmail.com
Cc: Allaine Patricia Unido
John Carlo Tria
September 10, 2022 at 5:08 PM

Dear sir/ma'am,

In behalf of EMB Region IV-B and Cebu Landmasters, Inc. we would like to invite you to a public scoping activity for the proposed Casa Mira Towers Palawan to be located in Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan. The activity is scheduled on:

Date/Time	Meeting and Passcode
14 SEPTEMBER 2022 (Wednesday) / 10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 051669

AU

From: **Allaine Patricia Unido** >
To: rotaract.puertoprincesa@gmail.c... >
Cc: Cams Cammayo > John Carlo Tria >
September 13, 2022 at 11:07 AM

Good day Ma'am/Sir,

> On Fri, Sep 9, 2022 at 6:27 PM Cams Cammayo <camellia.cammayo@gmail.com> wrote:
>
> Show Quoted Content
> Thank you,

Allaine Unido
Environmental Counselors, Inc.



Department of Environment and Natural Resources
Environmental Management Bureau
Regional Office No. IV - B MIMAROPA

September 07, 2022

REEVE ADAM MOROTA
Marvelous Visionary President
Rotaract Club of Puerto Princesa

SUBJECT : **INVITATION TO ATTEND THE PUBLIC SCOPING FOR THE PROPOSED CASA MIRA TOWERS PALAWAN PROJECT OF CEBU LANDMASTERS, INC TO BE LOCATED AT BARANGAY SAN PEDRO, PUERTO PRINCESA CITY, PALAWAN**

Dear Sir Morota,

We are pleased to invite you to attend the Public Scoping for the proposed *Casa Mira Towers* project of **Cebu Land Masters, Inc.** to be located at the Barangay San Pedro, Puerto Princesa City, Palawan. The said activity is scheduled on:

DATE / TIME	MEETING ID AND PASSCODE
14 SEPTEMBER 2022 (Wednesday) / 10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 051669 or https://tinyurl.com/CasaMiraTowers

The **Public Scoping** is an early stage in the Environmental Impact Assessment Process where the proponent aims to provide an overview of the proposed project, present proposed action, gather issues and concerns, and other relevant information to provide the scope work and terms of

DP

From: **DTI - Region 4B - Palawan** >
To: DTI - Region 4B - Regional Office >
Jenina G. Santiago >
Cc: PD Hazel DP. Salvador >
Cams Cammayo >
September 12, 2022 at 5:25 PM

Hi Ma'am Nins,

Forwarding herewith po, communications from DENR-EMB.
For your information po.

Department of Trade and Industry - Palawan Provincial Office
4/F ERC Plaza Commercial Building, National Highway,
Bgy. San Pedro, Puerto Princesa City, Palawan 5300

Connect with us
on your favorite social networks

DISCLAIMER: This email is confidential and/or privileged. If you are not the intended recipient, please delete immediately; do not use it for any

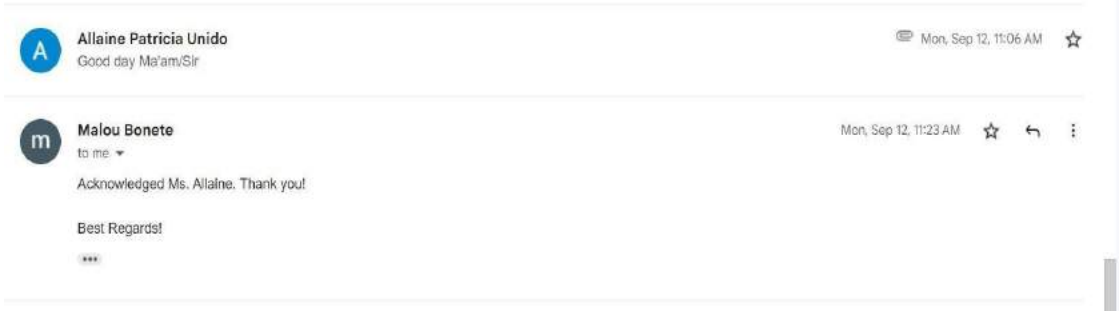
CC

From: **Cams Cammayo** >
To: palrebsecretariat01@gmail.com >
Cc: Allaine Patricia Unido >
John Carlo Tria >
September 9, 2022 at 6:53 PM

Dear ma'am,

In behalf of EMB Region IV-B and Cebu Landmasters, Inc. we would like to invite you to a public scoping activity for the proposed Casa Mira Towers Palawan to be located in Lantanas Road and Libis C. Pastor Road, Brgy San Pedro, Puerto Princesa City, Palawan. The activity is scheduled on:

Date/Time	Meeting and Passcode
14 SEPTEMBER 2022 (Wednesday) / 10:00 AM (Registration starts at 9:30 AM)	ZOOM Meeting ID: 893 4725 7991 Passcode: 051669



Allaine Patricia Unido
Good day Ma'am/Sir

Mon, Sep 12, 11:06 AM

Malou Bonete
to me

Mon, Sep 12, 11:23 AM

Acknowledged Ms. Allaine. Thank you!

Best Regards!



Puerto Princesa LEIPO
to me

Mon, Sep 12, 2:53 PM

Dear Ms. Cam,

This is to acknowledge receipt of your email. Thank you.

Best regards,
Lorraine

--
LORRAINE MADURO BANZUELO
Development Management Officer IV
Local Economic and Investment Promotion Office (LEIPO)
Ground Floor, Old City Hall Building, Bgy. Sta. Monica Puerto Princesa City, Palawan
0939-890-0827 / 0915-460-4905
lorraine819@yahoo.com.ph, investmentofficepuertoprincesa@gmail.com



City Mayor's Office Puerto Princesa <cmoofficial13@gmail.com>
to Cams, cityenro, cityenro.ppc@gmail.com, citycpdo, cedcgpp2013, cityengineering, citymayor, John, me

Tue, Sep 13, 8:42 AM

Dear Mr./Ms. Cams,

Thank you for your email.

This is to acknowledge receipt thereof.

Respectfully yours,
Kai Banzuelo
Executive Assistant I

6.7. Barangay Endorsement

Republic of the Philippines
City of Puerto Princesa
Barangay San Pedro
OFFICE OF THE PUNONG BARANGAY

FRANCISCO RODRIGUEZ GABUCO
Punong Barangay

JONAS C. SALAZAR
Barangay Kagawad

ARTURO P. SABANDO
Barangay Kagawad

REYNANTE N. TABANG
Barangay Kagawad

PROCESO ROY O. ONIOT JR.
Barangay Kagawad

MA. FRELIN A. CASTRO
Barangay Kagawad

MARIETTA T. DIRECTO
Barangay Kagawad

GASPAR T. HEREDERO
Barangay Kagawad

XANDERSON S. PALATINO
SK Chairman

CAROLINA C. ENRIQUEZ
Indigenous People Mandatory Representative

ADORA A. CACAYAN
Barangay Secretary

ELLEN R. BACOLOD
Barangay Treasurer

Barangay Hotline Numbers
434-8331
0912-290-0607

C E R T I F I C A T I O N

TO WHOM IT MAY CONCERN:

THIS IS TO CERTIFY that the business or trade activity described:

"CASA MIRA TOWERS"
(BUSINESS NAME)

LANZANAS ROAD, PUROK MATAHIMIK, BRGY. SAN PEDRO, PUERTO PRINCESA CITY
LOCATION

CEBU LANDMASTERS, INC.
(**Operator**/Manager)

LANZANAS ROAD, PUROK MATAHIMIK, BRGY. SAN PEDRO, PUERTO PRINCESA CITY
(Address)

Being applied for **NEW**/ RENEWAL of the correspo nding Mayor's Permit has been found to be:

.

___X___ / Complying with the provisions of existing Barangay Ordinances, Rules and Regulations being applied in the barangay.

_____ / Partially complying with the provisions of existing Barangay Ordinances, Rules and Regulations being applied in the barangay.

In view of the foregoing, this barangay, thru the undersigned:

___X___ / Interposed NO objection for the issuance of the Mayor's Permit being applied for.

_____ / Recommends only the issuance of a Temporary Mayor's Permit for not more than three (3) months and within that period the requirements under existing barangay ordinances, rules and regulations on that matter should be totally complied with, otherwise this barangay would take the necessary actions, within legal bound, to stop its continued operation.

ISSUED this 21st day of July, 2021.

FRANCISCO R. GABUCO
Punong Barangay

Republic of the Philippines
City of Puerto Princesa
Barangay San Pedro
OFFICE OF THE SANGGUNIANG BARANGAY

tourist Gate way to puerto princesa city

JOINT COMMITTEE MEETING

(Committee on Environmental Protection and Solid Waste Management)
(Committee on Infrastructure)

(March 16, 2021/2:00 pm)

ATTENDANCE

HON. REYNANTE N. TABANG	-Chairman (Comm. on Envi)	
HON. GASPAR T. HEREDERO	-Chairman (Comm. on Infra)	
HON. JONAS C. SALAZAR	-Vice-Chairman (Envi & Infra)	
HON. MA. FRELIN A. CASTRO	-Member (Infra & Envi)	
HON. CAROLINA C. ENRIQUEZ	-Member (Envi & Infra)	
HON. PROCESO ROY O. ONIOT, JR.	-Ex-Officio Member (Envi & Infra	

GUEST/S:

Name	Designation	Signature
1.) JESS KABIGTING	CEBU LANDMASTERS, INC - VP. OPERATIONS	
2.) MARK CHANG	CEBU LANDMASTERS, INC. - AVP - PERMITS	
3.) ARNEL AYTONA	CEBU LANDMASTERS, INC. - PERMITS OFFICER	
4.) CARL MONDALA	CEBU LANDMASTERS, INC. - BD MANAGER	
5.) MARIE ROCO	CEBU LANDMASTERS, INC. TECHNICAL PLANNING SUPERVISOR	
6.) ANDREA FERRATER	CEBU LANDMASTERS, INC. TECHNICAL PLANNING ASSOCIATE	
7.)		

AGENDUM:

1. Letter received dated March 10, 2021 from Mr. Mark Leo M. Chang, Assistant Vice President for Permits and Licenses-Cebu LandMasters, Inc., addressed to Hon. Francisco R. Gabuco, Punong Barangay requesting for for the issuance of Barangay Resolution to the proposed Casa Mira Town Palawan project situated at Purok Matahimik, this Barangay in connection to the ECC, DCEP and other pertinent permits application.

CERTIFIED TRUE COPY

ADORA A. CACAYAN
BARANGAY SECRETARY
October 1, 2021
1:00 pm

Republic of the Philippines
OFFICE OF THE SANGGUNIANG PAMBARANGAY
Barangay San Pedro
City of Puerto Princesa

COMMITTEE REPORT

JOINT COMMITTEE MEETING:

- **COMM. ON INFRASTRACTURE**
- **COMM. ON ENVIRONMENTAL PROTECTION & BEAUTIFICATION**

Date of Meeting: March 16, 2021, 2:12 pm at the San Pedro Multi-Purpose Hall

I. ATTENDANCE:

Chairman:	**HON. REYNANTE N. TABANG** (Environment)
Chairman:	**HON. GASPAR T. HEREDERO** (Infrastructure)
Vice Chairman:	**HON. JONAS C. SALAZAR** (Envi & Infra)
Member:	**HON. MA. FRELIN A. CASTRO**
	HON. CAROLINA C, ENRIQUEZ (Envi & Infra)
Ex-Officio Member:	**HON. PROCESO ROY O. ONIOT, JR.** (Envi & Infra)

II. GUEST:

JESS KABIGTING	-	Cebu LandsMaster, Inc - VP Operations
MARK CHANG	-	Cebu LandsMaster, Inc - AVP Permits
ARNEL AYTONA	-	Cebu LandsMaster, Inc - Permits Officers
CARL MONDALA	-	Cebu LandsMaster, Inc - BD Manager
MARIE ROCO	-	Cebu LandsMaster, Inc - Technical Planning Supervisor
ANDREA FERRATER	-	Cebu LandsMaster, Inc - Technical Planning Associate

III. SUBJECTS:

Letter received dated March 10, 2021 from Mr. Mark Leo M. Chang, Assistant Vice President for Permits and Licenses-Cebu LandMasters, Inc., addressed to Hon. Francisco r. Gabuco, Punong Barangay Resolution to the propsed Casa Mira Town Palawan project situated at Purok Matahimik, this Barangay in connection to the ECC, DCEP and other pertinent permits application.

IV. FINDINGS/POSITION

Meeting started at around 2:10 pm.

The Chair introduced the Committee Members and welcomed the guest/proponents.

The Chair requested the proponents to give a brief background of their company and the project intended to put up in Barangay San Pedro, Puerto Princesa City.

Mr. Kabagting of Cebu Land Masters representative gladly adheres to the request to wit:

- Presented the company profile. Further mention that Cebu LandMasters is a Top Developer in the Philippines which has 57 projects in the field of hotels, subdivisions, beach resorts, etc.
- The company originated in Visayass in Cebu.
- Established in 2002, 18 years of existence.
- The project CASA MIRA will be the first Cebu LandMasters to be constructed in Palawan.
- Cebu LandMasters introduced the project in Barangay San Pedro in February 2020 but due to pandemic they have decided to make it happen this year.

The launching of the project is on November this year, and Mr. Mark Chang has presented a video of the project. Mr. Jose R. Soberano or we called him Sir Jo is the CEO and Founder of Cebu LandMasters. Cebu LandMasters start with the people, this is the company's legacy.

CERTIFIED TRUE COPY

ADORA A. CACAYA
BARANGAY SECRETARY

The project iss called CASA MIRA, a residential/condominium compose of 2,043 units.

The project offers two (2) types of condo units and these are Simple type with a floor area of 28-32 sqm., 28sqm without balcony and 32 sqm with balcony Studio type is 20 sqm. with a contract price ranging from 1.6-1.8M.

They have an initial drainage layout presented in OBO as DPWH.

This is a zero discharge project and will be very strict and compliant to government rules and regulations.

They will have a GENSET that can provide electric for the whole project in case of power interruptions. The MRF's and STP will also be in place.

On the Employment side the company will provide skilled workers. Only local labourers will be hired and security will be hired thru a qualified agencies in the city.

Hon. Ma. Frelin A. Castro asked that hopefully there will be no foul odor coming from the area, Mr. Kabigting answered that they assure that all concerns will be dealt with much diligence and all water waste from the building will go directly to the STP and waste water will be used in landscaping.

Hon. Carolina C. Enriquez asked if the company will filled some area, Mr. Kabigtaing said yes but not that much.

Hon. Gaspar T. Heredero asked if how much is the project cost, Mr. Kabigting answered Php 2.5B.

Hon. Proceso Roy O. Oniot, Jr. also asked if where will be the entrance of this project.

Mr. Kabigting gladly answered that there will be two (2) entrances, one is in Lanzanas Road and the other one is in Cabanag Road.

Hon. Proceso Roy O. Oniot, Jr. further stated that the proposed project is a welcome development for the barangay. Moved for the approval to indorse the said project duly seconded by Hon. Gaspar T. Heredero.

Hon. Jonas C. Salazar moved for the adjournment.

The meeting adjourned at 3:19 pm.

V. RECOMMENDATION:

In the lieu of the foregoing, upon carefully deliberated on the subject matter, the committee found out only but proper to indorse favourably the CebuLand Master Inc. application.

GASPAR T. HEREDERO
Chairman
Committee on Infrastructure

REYNANTE N. TABANG
Chairman
Committee on Environmental Protection
And Beautification

CERTIFIED TRUE COPY

ADORA A. CACAYAN
BARANGAY SECRETARY

6.8. Barangay Resolution

REPUBLIC OF THE PHILIPPINES
CITY OF PUERTO PRINCESA
BARANGAY SAN PEDRO
OFFICE OF THE SANGGUNIANG BARANGAY
"tourist Gateway to puerto princesa city"

EXCERPT FROM THE MINUTES OF THE 67TH REGULAR COUNCIL MEETING OF THE SANGGUNIANG BARANGAY, BARANGAY SAN PEDRO HELD ON APRIL 6, 2021 AT 9:00 IN THE MORNING AT THE SESSION HALL OF BARANGAY SAN PEDRO, PUERTO PRINCESA CITY.

PRESENT:	HON. JONAS C. SALAZAR	-BARANGAY KAGAWAD, CHAIRMAN PROTEMPORE
	HON. PROCESO ROY O. ONIOT, JR.	-BARANGAY KAGAWAD, MAJORITY FLOOR LEADER
	HON. REYNANTE N. TABANG	-BARANGAY KAGAWAD, ASSISTANT MAJORITY FLOOR LEADER
	HON. ARTURO P. SABANDO	-BARANGAY KAGAWAD
	HON. MA. FRELIN A. CASTRO	-BARANGAY KAGAWAD
	HON. MARIETTA T. DIRECTO	-BARANGAY KAGAWAD
	HON. GASPAR T. HEREDERO	-BARANGAY KAGAWAD
	HON. XANDERSON S. PALATINO	-EX-OFFICIO MEMBER, SK CHAIRMAN
OFFICIAL BUSINESS:	HON. FRANCISCO R. GABUCO	-PUNONG BARANGAY, PRESIDING OFFICER
ABSENT:	NONE	

RESOLUTION NO. 027 SERIES 2021

A RESOLUTION INDORSING THE APPROVAL OF THE PROPOSED OPERATION OF CASA MIRA TOWERS PALAWAN PROJECT, OWNED AND DEVELOPED BY CEBU LANDMASTERS, INC. LOCATED AT PUROK MATAHIMIK, BARANGAY SAN PEDRO, PUERTO PRINCESA CITY.

WHEREAS, Mr. Mark Leo M. Chang, Assistant Vice President for Permits and Licenses and duly authorized representative of Cebu Landmasters, Inc., requested the Barangay San Pedro Council for the issuance of Barangay Endorsement on the proposed Casa Mira Towers Palawan, a condominium project located at Purok Matahimik, Barangay San Pedro, this City;

WHEREAS, the said project includes two thousand forty-three (2,043) units, covering the lot area of 20,974 square meters;

WHEREAS, Cebu Landmasters, Inc. is a home grown-grown real estate developer company that engaged in the development of residential, commercial, hospital, mixed-used and civic projects. And would to seize the opportunity to provide project development in the Barangay;

WHEREAS, the representatives of Cebu Landmasters, Inc. has made representation that it will priorities barangay residents in hiring laborers and other manpower during the construction and after completion for qualified local applicants;

WHEREAS, as per evaluation on the master development plan of the proposed condominium project; sewerage treatment facility and installation of Material Recovery Facility (MRF) is in order and compliant with the existing laws and regulations;

WHEREAS, this august body believes that the project will benefit the Barangay as it will surely spawn business activities in the area to address the needs and convenience of condominium owners, promote local employment and increase collection of business and realty taxes;

WHEREAS, endorsement was requested being one of the requirements for the issuance of the, Building Permit, Strategic Environmental Plan (SEP) Clearance, Environmental Compliance Certificate (ECC) and other pertinent permits application;

WHEREAS, upon verification of records and deliberation of said proposed condominium project, this august body found that application for an endorsement is in order;

NOW THEREFORE, on motion of Hon. Proceso Roy O. Oniot, Jr., Majority Floor Leader;

APPROVED:
FRANCISCO R. GABUCO, Punong Barangay
XANDERSON S. PALATINO, SK Chairman

CONCURRED:
JONAS C. SALAZAR, Barangay Kagawad
PROCESO ROY O. ONIOT, JR., Barangay Kagawad
REYNANTE N. TABANG, Barangay Kagawad
GASPAR T. HEREDERO, Barangay Kagawad
MARIETTA T. DIRECTO, Barangay Kagawad
ARTURO P. SABANDO, Barangay Kagawad
MA. FRELIN A. CASTRO, Barangay Kagawad

BE IT RESOLVED, as it is hereby resolved, that this body approves a resolution indorsing the approval of the proposed construction and operation of Casa Mira Towers Palawan Project, owned and developed by Cebu Landmasters, Inc..

CARRIED UNANIMOUSLY.

RESOLVED FURTHER, that a copy of this Resolution be transmitted to Cebu Landmasters, Inc., Office of the Building Official, and other concerned agencies for review and approval.

Adopted this 6th day of April 2021.

I HEREBY CERTIFY to the correctness of the above Resolution No. 027-2021 adopted by the Sangguniang Barangay of Barangay San Pedro during its 67th Regular Council Meeting held on April 6, 2021 at the Barangay Multi-Purpose Hall of Barangay San Pedro, Puerto Princesa City.

CERTIFIED TRUE AND CORRECT BY:

ADORA A. CACAYAN
Secretary to the Sangguniang Barangay

ATTESTED AND CERTIFIED
TO BE DULY ADOPTED:

JONAS C. SAZALAR
Barangay Kagawad/Chairman Protempore
Temporary Presiding Officer

APPROVED: Resolution No. 027-2021 on April 6, 2021

FRANCISCO R. GABUCO
Punong Barangay

CONCURRED:

XANDERSON S. PALATINO
SK Chairman

PROCESO ROY O. ONIOT, JR.
Barangay Kagawad

GASPAR T. HEREDERO
Barangay Kagawad

REYNANTE N. TABANG
Barangay Kagawad

MARIETTA T. DIRECTO
Barangay Kagawad

ARTURO P. SABANDO
Barangay Kagawad

MA. FRELIN A. CASTRO
Barangay Kagawad

JONAS C. SALAZAR
Barangay Kagawad

6.9. Laboratory Analysis Results of Water Samples

F.A.S.T. Laboratories

The First Analytical Services And Technical Cooperative

ACP Bldg. km. 54, Maharlika Highway
Brgy. Makiling, Calamba City, Laguna
Tel. No.: (049) 508-7138 • (049) 502-6520
Telefax : (049) 502-5294
E-mail : fastlabcalamba@gmail.com
Website: www.fastlaboratories.com.ph

PAB ACCREDITED
TESTING LABORATORY
PNS ISO/IEC 17025:2017
LA-2016-303B

TEST REPORT

Reference No.**CL2301-0870**

CUSTOMER	: CEBU LANDMASTERS INC.
ADDRESS	: 10th Floor, Park Centrate Tower, Brgy. Apas, Cebu IT Park
PROJECT NAME	: CASA MIRA PALAWAN
ADDRESS	: Lansanas Road, Brgy. San Pedro, Puerto Prinsesa, Palawan
SAMPLE(S) RECEIVED	: WASTEWATER #STAGNANT
SAMPLE CODE	: CL2301-0870-01
Date / Time of Sampling	: 30 January 2023 / 09:40 AM
Sampling Location	: STATION 1 –Libis, Facto Rd., San Pedro
Date / Time Received	: 31 January 2023 / 06:59 AM
Date / Time Analyzed	: 31 January 2023 / 08:13 AM
Analyzed By	: Ayah L. Berdin
Date Reported	: 08 February 2023

Sampled By: John Louie G. Silva °
Environmental Condition: Sunny

PARAMETER	UNIT	RESULT	TEST METHOD
Total Coliform	MPN per 100mL	780	**Multiple Tube Fermentation Technique (9221 B-C)**
Fecal Coliform	MPN per 100mL	450	

Note: MPN - Most Probable Number
° – Outside the laboratory's scope of PAB accreditation

Remarks: Customer agreed to proceed with the analysis despite of non-compliance to the required holding time of the sample.

Ref.: APHA-AWWA and WEF 2017. Standard Methods for the Examination of Water and Wastewater, 23rd ed.
WI 7.3-3 Sampling Plan

Results are those obtained at time of examination and relate only to the sample/s tested.

CERTIFIED BY:

8 February 2023
LIEZL C. RAFER
Laboratory Microbiologist

NOTED BY:

8 February 2023
DENNIS P. SIBONGGA, RCh
Laboratory Business Manager
Chem.Reg.No.10116

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Website: www.fastlaboratories.com.ph

PAB ACCREDITED
TESTING LABORATORY
PNS ISO/IEC 17025:2017
LA-2016-303B

TEST REPORT

Reference No.**CL2301-0870**

CUSTOMER	: CEBU LANDMASTERS INC.
ADDRESS	: 10th Floor, Park Centrate Tower, Brgy. Apas, Cebu IT Park
PROJECT NAME	: CASA MIRA PALAWAN
ADDRESS	: Lansanas Road, Brgy. San Pedro, Puerto Prinsesa, Palawan
SAMPLE(S) RECEIVED	: WASTEWATER #STAGNANT
SAMPLE CODE	: CL2301-0870-02
Date / Time of Sampling	: 30 January 2023 / 10:00 AM
Sampling Location	: STATION 2 –Bm Road, San Pedro
Date / Time Received	: 31 January 2023 / 06:59 AM
Date / Time Analyzed	: 31 January 2023 / 08:13 AM
Analyzed By	: Ayah L. Berdin
Date Reported	: 08 February 2023

Sampled By: John Louie G. Silva [a]
Environmental Condition: Sunny

PARAMETER	UNIT	RESULT	TEST METHOD
Total Coliform	MPN per 100mL	23×10^2	**Multiple Tube Fermentation Technique (9221 B-C)**
Fecal Coliform	MPN per 100mL	200	

Note: MPN - Most Probable Number
[a] – Outside the laboratory's scope of PAB accreditation

Remarks: Customer agreed to proceed with the analysis despite of non-compliance to the required holding time of the sample.

Ref.: APHA-AWWA and WEF 2017. Standard Methods for the Examination of Water and Wastewater, 23rd ed.
WI 7.3-3 Sampling Plan

Results are those obtained at time of examination and relate only to the sample/s tested.

CERTIFIED BY:

08Feb2023
LIEZL C. RAFER
Laboratory Microbiologist

NOTED BY:

08Feb2023
DENNIS P. SIBONGGA, RCh
Laboratory Business Manager
Chem.Reg.No.10116

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F.A.S.T. Laboratories – Calamba
Km. 54, Brgy. Makiling, Calamba City, Laguna

TEST REPORT

Reference No. CL2301-0871

CUSTOMER:	CEBU LANDMASTERS INC.
ADDRESS:	10th Flr. Park Centre Ave. Tower, Brgy. Apas, Cebu I.T. Park
PROJECT NAME:	CASA MIRA PALAWAN
PROJECT ADDRESS:	Lansanas Rd., Brgy. San Pedro, Puerto, Princessa, Palawan
SAMPLE(S) RECEIVED:	WASTEWATER #STAGNANT FROM STATION 1 LIBIS FACTOR ROAD SAN PEDRO
SAMPLE CODE:	CL2301-0871-01
Date / Time of Sampling:	30 Jan 2023 / 09:40 AM (By Laboratory)
Date / Time Received:	31 Jan 2023 / 06:59 AM
Date Analyzed:	31 Jan 2023 to 16 Feb 2023
Analyzed by:	JGGanar / CRHVolfango / FRPizarro / AABorromeo / TJDPieza / IDOlivares
Date Reported:	17 Feb 2023

Parameters	Unit	Results	Test Method
Biochemical Oxygen Demand	mg/L	Less than 5	5210 B. 5-DAY BOD Test
Chlorides	mg/L	21.6	4500-Cl B. Argentometric
Color	CU	100 @ pH 7.30	2120B. Visual Comparison
Dissolved Oxygen (On-site)	mg/L	3.42	4500-O C. Azide Modification
Nitrate as NO_3-N	mg/L	0.31	USEPA Method 352.1
Reactive Phosphate as P	mg/L	Less than 0.22*	4500 P B. C. Vanadomolybdophosphoric acid
Temperature (On-site)	°C	26.3	2550 B. Laboratory and Field
Total Suspended Solids	mg/L	10	2540 D. Gravimetric
Ammonia as NH_3-N	mg/L	0.24	4500 F. Phenate
Oil and Grease	mg/L	Less than 0.70*	5520 B. Liquid -Liquid Partition
Anionic Surfactant as MBAS	mg/L	Less than 0.05*	5540 C. Anionic Surfactants as MBAS
pH (On-site)	-	7.25 @ 27.2°C	4500H+ B. Electrometric

* - Method Detection Limit

Reference: APHA-AWWA and WEF 2017. Standard Methods for the Examination of Water and Wastewater, 23rd ed. United States Environmental Protection Agency, 1971

Results are those obtained at time of examination and relate only to the sample/s tested.

CERTIFIED BY:
17 Feb 2023
JANINE V. MAYONO, RCh
Authorized Signatory
Chem. Reg. No. 00013614

APPROVED BY:
17 Feb 2023
DENNIS P. SIBONGGA, RCh
Laboratory Business Manager
Chem. Reg. No. 10116

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F.A.S.T. Laboratories – Calamba
Km. 54, Brgy. Makiling, Calamba City, Laguna

TEST REPORT

Reference No. CL2301-0871

CUSTOMER:	CEBU LANDMASTERS INC.
ADDRESS:	10th Flr. Park Centre Ave. Tower, Brgy. Apas, Cebu I.T. Park
PROJECT NAME:	CASA MIRA PALAWAN
PROJECT ADDRESS:	Lansanas Rd., Brgy. San Pedro, Puerto, Princessa, Palawan
SAMPLE(S) RECEIVED:	WASTEWATER STAGNANT BM RD, SAN PEDRO FROM STATION 2
SAMPLE CODE:	CL2301-0871-02
Date / Time of Sampling:	30 Jan 2023 / 10:00 AM (By Laboratory)
Date / Time Received:	31 Jan 2023 / 06:59 AM
Date Analyzed:	31 Jan 2023 to 16 Feb 2023
Analyzed by:	JGGanar / CRHVolfango / FRPizarro / AABorromeo / TJDPieza / IDOlivares
Date Reported:	17 Feb 2023

Parameters	Unit	Results	Test Method
Biochemical Oxygen Demand	mg/L	Less than 5	5210 B. 5-DAY BOD Test
Chlorides	mg/L	49.0	4500-Cl B. Argentometric
Color	CU	35 @ pH 7.45	2120B. Visual Comparison
Dissolved Oxygen (On-site)	mg/L	6.33	4500-O C. Azide Modification
Nitrate as NO_3-N	mg/L	0.21	USEPA Method 352.1
Reactive Phosphate as P	mg/L	0.51	4500 P B. C. Vanadomolybdophosphoric acid
Temperature (On-site)	°C	28.0	2550 B. Laboratory and Field
Total Suspended Solids	mg/L	32	2540 D. Gravimetric
Ammonia as NH_3-N	mg/L	0.09	4500 F. Phenate
Oil and Grease	mg/L	0.98	5520 B. Liquid -Liquid Partition
Anionic Surfactant as MBAS	mg/L	Less than 0.05*	5540 C. Anionic Surfactants as MBAS
pH (On-site)	-	8.07 @ 28.0°C	4500H+ B. Electrometric

* - Method Detection Limit

Reference: APHA-AWWA and WEF 2017. Standard Methods for the Examination of Water and Wastewater, 23rd ed.
United States Environmental Protection Agency, 1971

Results are those obtained at time of examination and relate only to the sample/s tested.

17 Feb 2023
JANINE V. MAYONO, RCh
Authorized Signatory
Chem. Reg. No. 00013614

APPROVED BY: 17Feb2023
DENNIS P. SIBONGGA, RCh
Laboratory Business Manager
Chem. Reg. No. 10116

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6.10. Laboratory Analysis Results of Ambient Air Sample

AMBIENT AIR QUALITY & NOISE LEVEL MONITORING REPORT
November 07 - 11, 2022

CEBU LANDMASTERS, INC.

F.A.S.T. LABORATORIES - AIR QUALITY MONITORING
Allied Concrete Building
Km. 54, Brgy. Makiling
Calamba City, Laguna
Telephone: (049)502-6520
Telefax:(02) 584-4577, (049) 508-7138
Email: *fastlabcalamba@gmail.com*
Website: www.fastlaboratories.com.ph

November 25, 2022

Mr. Ronald Sabinay
Business Development Manager
CEBU LANDMASTERS, INC.
10th Floor Centrale, I.T. Park, Apas, Cebu City

Dear Mr. Sabinay:

We are pleased to submit the final report for the 24-hour ambient air quality and noise level monitoring conducted at Lantanas Road and Libis C. Road, Brgy. San Pedro, Puerto Princesa City, Palawan on November 07-11, 2022.

Based on the analysis done, the Total Suspended Particulates concentration at Station A1 **exceeds** the National Ambient Air Quality Standards (NAAQS) of the Department of Environment and Natural Resources (DENR). Only the measured noise levels at Station N2 during Morning **complies with** the Environmental Quality Standards for Noise set by the National Pollution Control Commission of the DENR - EMB Air Quality Monitoring.

We hope that this report will serve the purpose for which the tests were performed.

Very truly yours,

F.A.S.T. Laboratories

25 NOV. '22

Veroni Nicholai B. Ilagan
AQM Business Unit Manager

24-HOUR AMBIENT AIR QUALITY & NOISE LEVEL MONITORING REPORT

FOR

CEBU LANDMASTERS, INC.

Lantanas Road and Libis C. Road, Brgy. San Pedro, Puerto Princesa City, Palawan

BY

F.A.S.T. Laboratories
Km. 54, Brgy. Makiling, Calamba City, Laguna
Telephone :(049)502-6520
Telefax :(049)502-5294/(02)584-4577
Email: fastlabcalamba@gmail.com
Website: www.fastlaboratories.com.ph

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1. INTRODUCTION

CEBU LANDMASTERS, INC. located at 10th Floor Centrale, I.T. Park, Apas, Cebu City hired the services of ***F.A.S.T. Laboratories-Air Quality Monitoring*** unit to conduct 24-hour ambient air quality and noise level monitoring at Lantanas Road and Libis C. Road, Brgy. San Pedro,Puerto Princesa City, Palawan
.

2. OBJECTIVE OF THE MONITORING

The objective of this project is to verify the compliance of **CEBU LANDMASTERS, INC.** with the National Ambient Air Quality Standards (NAAQS) set by the Department of Environment and Natural Resources (DENR) and with the Environmental Quality Standards for Noise in Class AA and A Areas set by the National Pollution Control Commission of the DENR – EMB Air Quality Monitoring. These standards are stipulated in the Philippine Clean Air Act of 1999 under Republic Act 8749.

3. PERSONNEL INVOLVED

Ambient Air Quality Monitoring was conducted on November 07 – 11, 2022 with the Business Development Manager, **Mr. Ronald Sabinay**, and **F.A.S.T. Laboratories - Air Quality Monitoring Team** composed of the following personnel:

Engr. Andronico R. Valderama – AQM Specialist
Engr. Kurts Luoie D. Maglipas – AQM Specialist
Engr. Oliver C. Tapon – AQM Specialist
Mr. Joan B. Velasco – Sampling Technician

4. METHODS OF SAMPLING AND ANALYSIS

The methods used are based on the Code of Federal Regulations (CFR) of the United States Environmental Protection Agency (U.S. EPA) and the Air Quality Monitoring Manual of the Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB).

4.1 Ambient Air Quality Monitoring

Table 1. Methods of Ambient Air Quality Sampling and Analysis

Parameters	Methodology	
	Sampling	Analysis
Sulfur Oxides (as SO_2)	Gas Bubbler / Liquid Absorption	Pararosaniline method
Nitrogen Oxides (as NO_2)		Griess Saltzman Reaction

Total Suspended Particulates (TSP)	High Volume Sampler / Filtration	Gravimetric Method
Carbon Monoxide (CO)	Collected Gases / Tedlar Bags	NDIR
Particulate Matter 10 (PM10)	High Volume Sampler / Filtration	Gravimetric Method
Particulate Matter 2.5 (PM2.5)	High Volume Sampler / Filtration	Gravimetric Method
Noise	Noise Meter / Direct Measurement	N/A

4.1.1 Total Suspended Particulates (TSP)

Total suspended particulates are collected using the high volume sampler. Air is drawn through a glass-fiber filter paper and desiccated for twenty-four (24) hours after sampling. The weight of suspended particulates is determined gravimetrically and then divided by the total volume of air sampled corrected to standard conditions.

4.1.2 Nitrogen Oxides (as NO_2)

Air sample is drawn through a fritted bubbler into an impinger containing self-indicating absorbing solution. Nitrogen dioxide in ambient air is analyzed using the Griess Saltzman Reaction method. It is absorbed in an azo dye forming reagent that produces a stable red-violet color. The absorbance of the colored solution is determined colorimetrically at 550 nm against calibration standards. The computed nitrogen dioxide concentration is divided by the total volume of air sampled, corrected to normal temperature and pressure.

4.1.3 Sulfur Oxides (as SO_2)

Sulfur Dioxide in ambient air is collected into a solution of sodium tetrachloromercurate (TCM) by aspirating air through an impinger. The collected sample is then treated in the laboratory with formaldehyde and especially purified, acid-bleached pararosaniline reagent. The absorbance is determined colorimetrically in 548 nm wavelength against the calibration standards. The quantified sulfur dioxide and then divided by the total volume of air sampled corrected to normal temperature and pressure.

4.1.5 Carbon Monoxide

Carbon monoxide (CO) was a colorless, odorless gas emitted from combustion processes. Nationally and, particularly in urban areas, the majority of CO emissions to ambient air come from mobile sources. Sample air is collected in tedlar bags and analyzed using Non-Dispersive Infrared detector.

4.1.6 Particulate Matter 10 & Particulate Matter 2.5 (PM10 & PM2.5)

Particulate Matter 10 and Particulate Matter 2.5 is collected using E-FRM PM10 & PM2.5 Sampler. Air is drawn through a quartz-fiber filter paper and desiccated for twenty-four (24) hours after sampling. The weight of suspended particulates is determined gravimetrically and then divided by the total volume of air sampled corrected to standard conditions.

4.2 Noise Quality Monitoring

Noise refers to unwanted or annoying sound. Noise intensity is measured using Sound Level Meter and is expressed in decibels.

5. RESULTS AND DISCUSSIONS

5.1 Ambient Air Quality Monitoring

As presented in ***Figure 1A*** thru ***1C***, only the Total Suspended Particulates concentration measured in Station A1 **exceeds** the DENR National Ambient Air Quality Standards (NAAQS). The NAAQS have not specified the standard for Carbon Monoxide and Particulate Matter 2.5 ($PM_{2.5}$). The laboratory analysis report is attached in *Annex C.*

Station A1 - Front of TLC Palawan Integrated School is located at N9˚ 45' 45.9" E118˚ 45' 10.7". The north side of this station is Parking Area at about two meters away and on its east side is a two-lane road with multiple passing vehicles at approximately two meters away from the sampling point. This area has northeast to southwest wind direction.

Station A2 - Front of Max and Bunny Shop is located at N9˚ 45' 42.3" E118˚ 45' 8.02". The north side of this station is a Two-Lane Road with Multiple Passing Vehicles at about two meters away and on its west side is a Motorcycle Repair Shop and Saw Mill at approximately 50 meters away from the sampling point. The East side of this station is a Furniture Workshop at about 30 meters away from the sampling point. This area has northeast to southwest wind direction.

Figure 1A. Summary of Ambient Air Test Results

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F.A.S.T. Laboratories – Air Quality Monitoring Unit
Km. 54 Brgy. Makiling, Calamba City, Laguna

SUMMARY OF AMBIENT AIR TEST RESULTS

Reference No. AQ2211-392
Page 01 of 05

CUSTOMER	: CEBU LANDMASTERS, INC.
ADDRESS	: 10th Floor Centrale, I.T. Park, Apas, Cebu City
PROJECT ADDRESS	: Lantanas Road and Libis C. Road, Brgy. San Pedro, Puerto Princesa City, Palawan
SAMPLING DATE	: 07-11 November 2022
SAMPLING PERSONNEL	: Andronico R. Valderama (AS) / Oliver C. Tapon (AS) / Kurts Lucie D. Maglipas (AS) / Joan B. Velasco
DATE REPORTED	: 24 November 2022

LOCATION	Stn. No.	[a]TSP, µg/Ncm	[a]NO_2, µg/Ncm	[a]SO_2, µg/Ncm
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	A1	445	11	Less than 11**
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	A2	170	Less than 1**	Less than 11**
National Ambient Air Quality Standards (NAAQS)		**230**	**150**	**180**
SAMPLING METHODS		**High-Volume / Filtration**	**Gas Bubbler / Liquid Absorption**	

Note: [a]Analyses were conducted by F.A.S.T. Laboratories – Calamba. *Method Detection limit.

References: Appendix A and B, Code of Federal Regulations Protection of Environment, Part 50. U.S. Government Printing Office Washington: 2003. 17-22, 25-32pp.
Methods of Air Sampling and Analysis, 3rd Edition, James P. Lodge, Jr., Intersociety Committee1991, Section 406.

Results are those obtained at the time of examination and relate only to the sample(s) tested.

REVIEWED AND CERTIFIED BY: 24-NOV-22
ENR. ARNULFO E. AURINO JR.
AQM Specialist
ME Reg. No. 0099830

APPROVED BY: 24 NOV. '22
VERONI NICHOLAI B. ILAGAN
AQM Business Unit Manager

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MAIN: No. 62, 20th Avenue, Cubao, Quezon City 1109 • Tels. (02) 8913-0240 to 41, (02) 8913-8848 • Telefax: (2) 8913-0250 • Globe (0917) 621-2625 • www.fastlaboratories.com.ph • info@fastlaboratories.com.ph
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Cebu - Hi-way Central Bldg., M. C. Briones Highway, Mandaue City, Cebu 6014 • Tels. (032) 346-2792 • 417-2514; Globe (0917) 562-6322
Cagayan de Oro - 2/F Casiño Bldg., C.M. Recto Ave., cor. Camp Alagar Rd., Brgy. Lapasan, Cagayan de Oro City, Misamis Oriental 9000 • Tels. (088) 852-4846, 880-8574; (0927) 589-2042
Clark - Angeles - Stall 5,6,7, SNB Building, 717 Magalang Road, Pandan, Angeles City, Pampanga 2009 • Tels. (045) 304-4252 • Globe: 0917-634-1098

Figure 1B. Summary of Ambient Air Test Results

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F.A.S.T. Laboratories – Air Quality Monitoring Unit
Km. 54 Brgy. Makiling, Calamba City, Laguna

SUMMARY OF AMBIENT AIR TEST RESULTS

Reference No. AQ2211-392
Page 02 of 05

CUSTOMER	: CEBU LANDMASTERS, INC.
ADDRESS	: 10th Floor Centrale, I.T. Park, Apas, Cebu City
PROJECT ADDRESS	: Lantanas Road and Libis C. Road, Brgy. San Pedro, Puerto Princesa City, Palawan
SAMPLING DATE	: 07-11 November 2022
SAMPLING PERSONNEL	: Andronico R. Valderama (AS) / Oliver C. Tapon (AS) / Kurts Luoie D. Maglipas (AS) / Joan B. Velasco
DATE REPORTED	: 24 November 2022

LOCATION	Stn. No.	[b]PM_{10}, µg/Ncm	[b]$PM_{2.5}$, µg/Ncm
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	A1	73	25
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	A2	73	18
National Ambient Air Quality Standards (NAAQS)		**150**	-
SAMPLING METHODS		**High-Volume / Filtration**	

Note: [a]Analyses were conducted by F.A.S.T. Laboratories – Calamba. *Method Detection limit.
[b]Analyses were conducted by CRL Calabarquez Corp.

References: Appendix A and B, Code of Federal Regulations Protection of Environment, Part 50. U.S. Government Printing Office Washington: 2003. 17-22, 25-32pp.
Methods of Air Sampling and Analysis, 3rd Edition, James P. Lodge, Jr., Intersociety Committee1991, Section 406.

Results are those obtained at the time of examination and relate only to the sample(s) tested.

REVIEWED AND CERTIFIED BY:
24-NOV-22
ENR. ARNULFO E. AURINO JR.
AQM Specialist
ME Reg. No. 0099830

APPROVED BY:
24 NOV '22
VERONI NICHOLAI B. ILAGAN
AQM Business Unit Manager

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Cagayan de Oro - 2/F Casiño Bldg., C.M. Recto Ave., cor. Camp Alagar Rd., Brgy. Lapasan, Cagayan de Oro City, Misamis Oriental 9000 • Tels. (088) 852-4846, 880-8574; (0927) 589-2042
Clark - Angeles - Stall 5,6,7, SNB Building, 717 Magalang Road, Pandan, Angeles City, Pampanga 2009 • Tels. (045) 304-4252 • Globe: 0917-634-1098

Figure 1C. Summary of Ambient Air Test Results

F.A.S.T. Laboratories
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F.A.S.T. Laboratories – Air Quality Monitoring Unit
Km. 54 Brgy. Makiling, Calamba City, Laguna

SUMMARY OF AMBIENT AIR TEST RESULTS

Reference No. AQ2211-392
Page 03 of 05

CUSTOMER	: CEBU LANDMASTERS, INC.
ADDRESS	: 10th Floor Centrale, I.T. Park, Apas, Cebu City
PROJECT ADDRESS	: Lantanas Road and Libis C. Road, Brgy. San Pedro, Puerto Princesa City, Palawan
SAMPLING DATE	: 07-11 November 2022
SAMPLING PERSONNEL	: Andronico R. Valderama (AS) / Oliver C. Tapon (AS) / Kurts Luoie D. Maglipas (AS) / Joan B. Velasco
DATE REPORTED	: 24 November 2022

LOCATION	Stn. No.	[b]CO, ppm
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	A1	2
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	A2	2
National Ambient Air Quality Guideline Value (NAAQGV)		30
SAMPLING METHODS		**Tedlar Bag Collection**

Note: [a]Analyses were conducted by F.A.S.T. Laboratories – Calamba. *Method Detection limit.
[b]Analyses were conducted by CRL Calabarquez Corp.

References: Appendix A and B, Code of Federal Regulations Protection of Environment, Part 50. U.S. Government Printing Office Washington: 2003. 17-22, 25-32pp.
Methods of Air Sampling and Analysis, 3rd Edition, James P. Lodge, Jr., Intersociety Committee1991, Section 406.

Results are those obtained at the time of examination and relate only to the sample(s) tested.

REVIEWED AND CERTIFIED BY: 27-NOV-22
ENR. ARNULFO E. ADRINO JR.
AQM Specialist
ME Reg. No. 0099830

APPROVED BY: 24/NOV'22
VERONI NICHOLAI B. ILAGAN
AQM Business Unit Manager

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5.2 Noise Level Monitoring

As presented in ***Figure 2A***, only the measured noise level at Station N2 during Morning **complies with** the Environmental Quality Standards for Noise in Class AA and Class A Areas (NPCC – DENR-EMB Air Quality Monitoring). The remarkable sources of noise are from the passing vehicles from the nearby road.

Figure 2A. Summary of Ambient Noise Monitoring Results

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F.A.S.T. Laboratories – Air Quality Monitoring Unit
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SUMMARY OF AMBIENT NOISE MONITORING RESULTS

Reference No. AQ2211-392
Page 04 of 05

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PROJECT ADDRESS	: Lantanas Road and Libis C. Road, Brgy. San Pedro, Puerto Princesa City, Palawan
SAMPLING DATE	: 07-11 November 2022
SAMPLING PERSONNEL	: Andronico R. Valderama (AS) / Oliver C. Tapon (AS) / Kurts Luoie D. Maglipas (AS) / Joan B. Velasco
DATE REPORTED	: 24 November 2022

LOCATION	Stn. No.	Actual Time / Time Bracket	Noise, dB	NPCC Standard Class AA Area
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	N1	0700H / Morning	66	45
		1624H / Daytime	66	50
		2134H / Evening	68	45
		2224H / Nighttime	64	40
SAMPLING METHOD			Direct Measurement	

References: National Pollution Control Commission, DENR – EMB Air Quality Monitoring

Results are those obtained at the time of monitoring only.

REVIEWED AND CERTIFIED BY:
ENR. ARNULFO E. AURINO JR.
AQM Specialist
ME Reg. No. 0099830

APPROVED BY:
VERONI NICHOLAI B. ILAGAN
AQM Business Unit Manager

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Figure 2B. Summary of Ambient Noise Monitoring Results

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F.A.S.T. Laboratories – Air Quality Monitoring Unit
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SUMMARY OF AMBIENT NOISE MONITORING RESULTS

Reference No. AQ2211-392
Page 05 of 05

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DATE REPORTED	: 24 November 2022

LOCATION	Stn. No.	Actual Time / Time Bracket	Noise, dB	NPCC Standard Class A Area
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	N2	0830H / Morning	42	50
		1646H / Daytime	66	55
		2129H / Evening	68	50
		0458H / Nighttime	68	45
SAMPLING METHOD			Direct Measurement	

References: National Pollution Control Commission, DENR – EMB Air Quality Monitoring

Results are those obtained at the time of monitoring only.

REVIEWED AND CERTIFIED BY: 24 NOV. '22
ENR. ARMULFO E. AUBINO JR.
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ANNEX A

AMBIENT AIR FIELD DATA

F.A.S.T. Laboratories - Air Quality Monitoring Unit
The First Analytical Services And Technical Cooperative

AQMULF6.39rev0

Project Name: CEBU LANDMASTERS, INC.
Project Address: Lantaoos Road and Libic C. Pastor Road Brgy. San Pedro, Puerto Princesa City, Palawan

Sampling Date: 07-08 Nov. 2022
ARF No.: AQ2211-392

Sampling Location: A1- Front of TLC Palawan Integrated School
GPS Coordinates: N9°45'39.9" E118°45' 10.7
Filter Paper No.: SB (TSP)
PM10: A0116350 (1.756 cmm, Flow rate)

Station ID: A1
Wind Direction: NE & SW
Sampling Personnel: KLDM, OCT, APV, JBV

24-HOUR AMBIENT AIR QUALITY MONITORING FIELD DATA

Other Equipment		High Volume Sampler (for Particulates)		Air Pump Sampler (for Gases)	
Barometer ID:	AQM2022-114	Flow Rate:	1.2 m³/min	Flow Rate:	0.2 L/min
Noise Meter ID:	AQM2018-008	Equipment ID:	AQM2018-079	SO_2 Orifice ID:	—
GPS ID:	—			NO_2 Orifice ID:	—

ATMOSPHERIC PRESSURE & TEMPERATURE MONITORING

TIME (every 60 min)	Pam, in Hg	Tam, °C
0 0900 H	29.82	30.07
1 1020 H	29.82	35.70
2 1120 H	29.80	36.70
3 1220 H	29.77	31.68
4 1320 H	29.75	32.50
5 1420 H	29.72	33.30
6 1520 H	29.72	34.0
7 1620 H	29.73	33.5
8 1720 H	29.73	30.01
9 1820 H	29.74	27.6
10 1920 H	29.76	27.9
11 2020 H	29.79	27.5
12 2120 H	29.80	27.2
13 2220 H	29.80	26.89
14 2320 H	29.79	26.8
15 2920 H	29.77	25.9
16 0120 H	29.76	25.7
17 0220 H	29.75	25.5
18 0320 H	29.73	23.9
19 0420 H	29.73	23.8
20 0520 H	29.73	24.2
21 0620 H	29.77	25.2
22 0720 H	29.78	26.9
23 0820 H	29.80	30.8
24 0920 H	29.83	31.7
Ave.:	29.7676	28.9952

CLASS AA – 40dB

NOISE LEVEL MONITORING

MORNING (0501H-0900H) Time: 0700H

					REMARKS
63.0	63.0	61.5	66.7	65.6	- Noise coming from Multiple Vehicles passing
66.6	63.8	63.9	69.0	66.3	
70.9	64.4	69.2	62.9	65.1	
67.9	67.3	69.6	63.6	69.3	
69.4	62.5	68.8	63.9	70.1	
69.4	62.7	67.6	64.5	63.2	
70.1	65.8	70.1	66.6	60.9	
62.6	64.8	67.1	65.3	61.9	
63.4	62.9	63.2	67.1	63.3	
64.5	62.6	63.8	70.2	68.7	

66.22 · 64.08 · 66.48 · 66.06 · AVERAGE 65.54 · 66.072 (66) · CLASS AA · 45 dB

DAYTIME (0901H-1800H) Time: 1629 H

					REMARKS
70.8	64.9	64.1	64.8	70.8	- Noise from passing vehicles.
64.0	63.3	66.7	67.9	69.3	
60.0	63.9	65.5	70.9	68.9	
59.9	69.2	69.9	71.0	67.9	
60.0	69.0	64.3	69.3	60.0	
61.6	66.7	69.0	68.3	64.9	
72.0	73.9	63.9	66.0	66.6	
67.5	66.3	69.3	63.6	69.9	
66.9	64.1	62.1	63.3	68.1	
69.7	63.9	61.2	65.1	70.0	

67.69 · 65.52 · 64 · 66.97 · AVERAGE 68.19 · 66.072 (66) · CLASS AA · 45 dB

NIGHTTIME (2201H-0500H) Time: 2224H

					REMARKS
59.5	64.5	64.5	66.2	65.9	- Noise from passing vehicles from dog's bark
59.9	64.2	62.2	65.7	64.0	
59.6	64.7	64.8	65.2	63.9	
59.4	64.2	66.8	65.2	64.0	
59.6	64.5	64.2	65.5	64.1	
59.7	64.2	64.2	65.7	64.1	
59.8	64.8	64.2	65.9	63.9	
62.2	65.6	64.8	66.9	63.9	
64.5	67.2	70.3	65.9	63.8	
59.9	66.7	70.2	65.2	63.9	

60.43 · 65.24 · 65.7 · 65.64 · AVERAGE 64.1 · 64.332 (64) · CLASS AA · 45 dB

EVENING (1801H - 2200H) Time: 2134H

					REMARKS
65.5	65.2	67.2	69.4	69.5	- Noise from passing vehicles
65.4	70.2	66.3	64.2	65.5	
71.2	74.2	65.4	69.7	67.2	
69.4	69.2	67.5	67.8	66.3	
66.0	69.2	67.4	66.2	70.1	
65.3	75.2	69.8	66.2	66.2	
65.2	66.2	69.2	70.1	68.8	
65.6	62.1	67.8	70.6	67.2	
71.5	63.2	67.2	69.2	66.7	
65.6	69.4	66.1	69.3	66.3	

67.09 · 68.71 · 67.24 · 69.01 · AVERAGE 68.02 · 68.084 (68) · CLASS AA · 45 dB

* Beside 2-lane road, about 2 meters away
* Multiple Service vehicles (cars, truck and motorcycles) (14 vehicles/min.) passing

REMARKS: E - about 1 M away from 2-lane road w/ multiple vehicle passing
N - about 2 meters away from parking Area.

Conducted by: ANDPONICO VALDERAMA JR. / 07-08 NOV 22
Signature over Printed name / Date

Verified by: ARNULFO E. AMRINO JR. / 14-NOV-'22
Signature over Printed name / Date

F.A.S.T. Laboratories - Air Quality Monitoring Unit
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AQMULF6.39rev0

Project Name: CEBU LANDMASTERS INC
Project Address: Tantanan Rd. & Libis C. Pastor Rd. Brgy. San Pedro, Puerto Princesa city, Palawan
Sampling Location: Front of TLC Palawan Integrated school
GPS Coordinates: N9°45'31.7" E118°45'10.7"
Filter Paper No.: PM25: A0143051 (1.766 CMM - Flow rate)
Co: STA2022-009 (1000 H)

Sampling Date: 08-09 NOV 2022
ARF No.: AGM 2211 - 392
Station ID: A1
Wind Direction: NE to SW
Sampling Personnel: KLDM, OCT, APV, JBV

24-HOUR AMBIENT AIR QUALITY MONITORING FIELD DATA

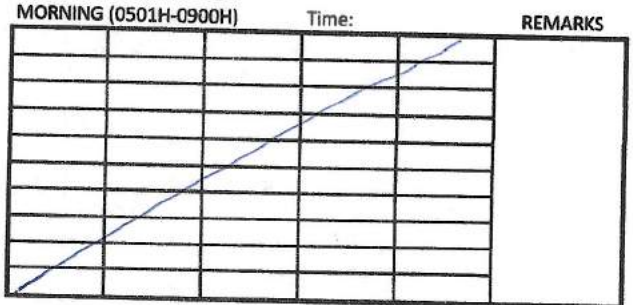
Other Equipment	High Volume Sampler (for Particulates)	Air Pump Sampler (for Gases)
Barometer ID: AGM 2022-116	Flow Rate: —	Flow Rate: —
Noise Meter ID: AGM 2010-008	Equipment ID: —	SO_2 Orifice ID: —
GPS ID: —		NO_2 Orifice ID: —

ATMOSPHERIC PRESSURE & TEMPERATURE MONITORING

TIME (every 60 min)	Pam, in Hg	Tam, °C
0 (16)29H	~~29.82~~	31.4
1 (11)29H	29.80	32.0
2 (12)29H	29.77	31.3
3 (13)29H	29.74	25.8
4 (14)29H	29.73	31.4
5 (15)29H	29.73	35.3
6 (16)29H	29.73	32.8
7 (17)29H	29.74	28.9
8 (18)29H	29.74	27.8
9 (19)29H	29.77	26.3
10 (20)29H	29.78	25.5
11 (21)29H	29.79	25.1
12 (22)29H	29.79	24.9
13 (23)29H	29.78	24.9
14 (24)29H	29.77	24.4
15 (01)29H	29.76	24.8
16 (02)29H	29.75	24.3
17 (03)29H	29.75	24.3
18 (04)29H	29.74	25.6
19 (05)29H	29.75	24.8
20 (06)29H	29.74	25.9
21 (07)29H	29.79	30.6
22 (08)29H	29.81	31.7
23 (09)29H	29.82	33.7
24 (10)29H	29.82	34.4
Ave.:	29.7492	~~28.672~~ 28.672

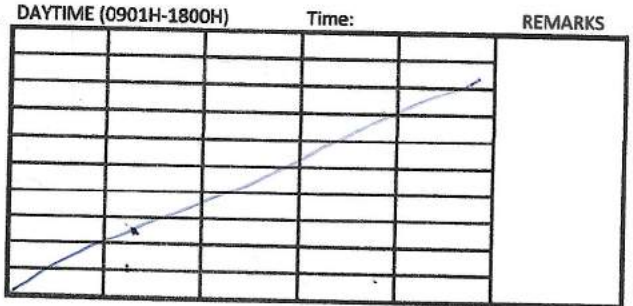
NOISE LEVEL MONITORING

MORNING (0501H-0900H) Time: REMARKS



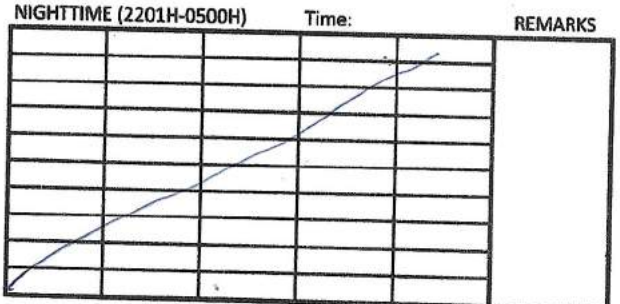
AVERAGE

DAYTIME (0901H-1800H) Time: REMARKS



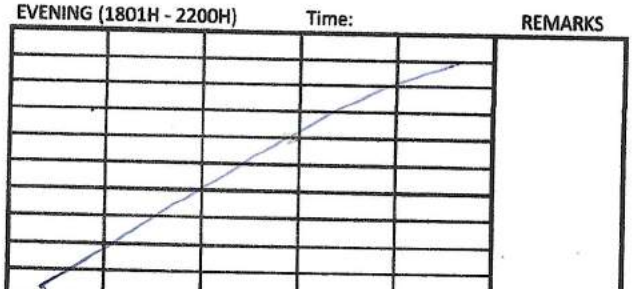
AVERAGE

NIGHTTIME (2201H-0500H) Time: REMARKS



AVERAGE

EVENING (1801H - 2200H) Time: REMARKS



AVERAGE

REMARKS: E - about 2 m away from 2-lane road w/ multiple vehicles passing

Conducted by: ANDPONICO R. VALDERAMA JR. Verified by: ARNULFO F. PANGANIBAN JR.
Signature over Printed name / Date 08-09NOV22 Signature over Printed name / Date 14-NOV-'22

F.A.S.T. Laboratories - Air Quality Monitoring Unit
The First Analytical Services And Technical Cooperative

AQMULF6.39rev0

Project Name: CEBU LAND MASTERS, INC.
Project Address: Lantanas Rd., and Libis C. Pastor Rd. Brgy Santa Puerto Princesa City, Palawan
Sampling Location: Front of Mind Mixx and Buddy Shop
GPS Coordinates: N 9° 45' 423" E 118° 45' 8.824"
Filter Paper No.: PM 10: AQ163052 (1.725 Flow rate)

Sampling Date: 10-11 Nov. 2022
ARF No.: AQ2211-392
Station ID: A2
Wind Direction: NE to SW
Sampling Personnel: KLDM, ARV, DCT, JBV

24-HOUR AMBIENT AIR QUALITY MONITORING FIELD DATA

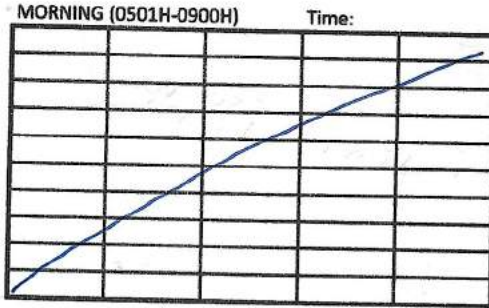
Other Equipment	High Volume Sampler (for Particulates)	Air Pump Sampler (for Gases)
Barometer ID: AQM 2022 - 116	Flow Rate: -	Flow Rate: -
Noise Meter ID: AQM 2010-008	Equipment ID: -	SO_2 Orifice ID: -
GPS ID:		NO_2 Orifice ID: -

ATMOSPHERIC PRESSURE & TEMPERATURE MONITORING

TIME (every 60 min)	Pam, in Hg	Tam, °C
0 1700H	29.74	26.0
1 1800H	29.74	27.5
2 1900H	29.76	25.9
3 2000H	29.77	29.6
4 2100H	29.77	29.6
5 2200H	29.73	25.7
6 2300H	29.77	25.6
7 2400H	29.76	25.7
8 0100H	29.73	25.7
9 0200H	29.73	25.8
10 0300H	29.70	25.9
11 0400H	29.72	25.2
12 0500H	29.72	25.2
13 0600H	29.74	25.3
14 0700H	29.76	26.6
15 0800H	29.78	28.1
16 0900H	29.79	29.7
17 1000H	29.79	30.8
18 1100H	29.77	34.2
19 1200H	29.76	33.9
20 1300H	29.74	31.4
21 1400H	29.72	30.8
22 1500H	Weather. 29.71	28.6
23 1600H	29.70	29.6
24 1700H	29.71	27.5
Ave.:	28.558	27.588

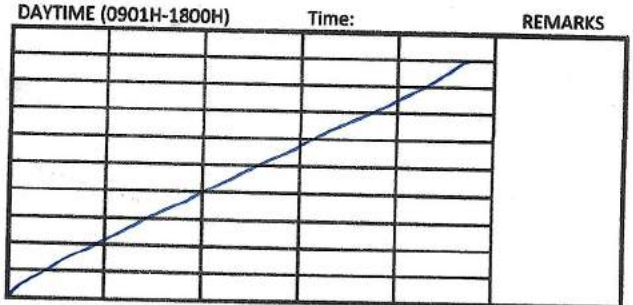
NOISE LEVEL MONITORING

MORNING (0501H-0900H) Time: REMARKS



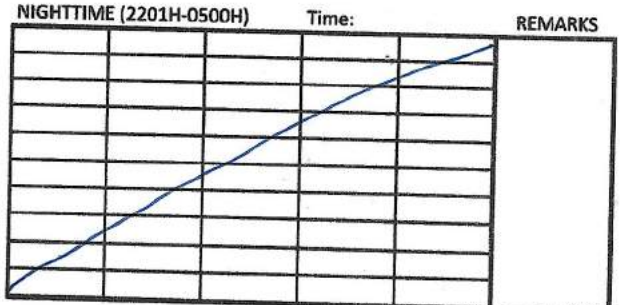
AVERAGE

DAYTIME (0901H-1800H) Time: REMARKS



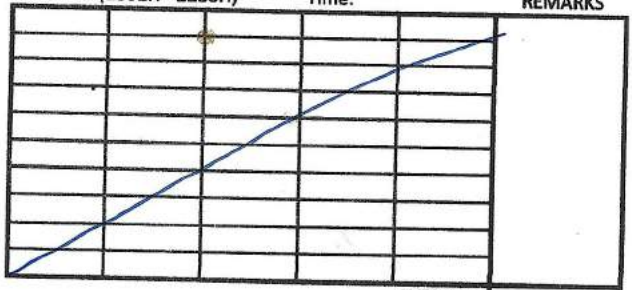
AVERAGE

NIGHTTIME (2201H-0500H) Time: REMARKS



AVERAGE

EVENING (1801H - 2200H) Time: REMARKS



AVERAGE

REMARKS: - N. About 2 meters away from stone road with multiple passing vehicles.

Conducted by: ANDRONICO VALDERAMA JR. 10-11 NOV 22
Signature over Printed name / Date

Verified by: ARNULFO F. ARIMIO JR. 14-NOV-22
Signature over Printed name / Date

NOTE: FOR PM10 ONLY (2nd Station)

F.A.S.T. Laboratories - Air Quality Monitoring Unit
The First Analytical Services And Technical Cooperative

AQMULF6.39rev0

Project Name: CEBU LANDMASTERS, INC.
Project Address: Lontoma Rd. and Libis C. Pastor Rd. Brgy San Pedro, Puerto Princesa City Palawan
Sampling Location: Front of Mak and Buddy shop
GPS Coordinates: N-9°45'42.3", E-118°45'8.02
Filter Paper No.: 60
PM 2.5: AQM3050 (1.728 CMM low rate)

Sampling Date: 09-10 Nov. 2022
ARF No.: AQM2211-392
Station ID: A2
Wind Direction: NE to SW
Sampling Personnel: KLDM, APV, OCT, JBV

24-HOUR AMBIENT AIR QUALITY MONITORING FIELD DATA

Other Equipment	High Volume Sampler (for Particulates)	Air Pump Sampler (for Gases)
Barometer ID: AQM2022-116	Flow Rate: 1.7 m³/min	Flow Rate:
Noise Meter ID: AQM2010-008	Equipment ID: AQM 2018 - 079	SO_2 Orifice ID:
GPS ID:		NO_2 Orifice ID:

ATMOSPHERIC PRESSURE & TEMPERATURE MONITORING

TIME (every 60 min)	Pam, in Hg	Tam, °C
0 1345H	29.72	39.3
1 1445H	29.73	36.1
2 1545H	29.71	31.1
3 1645H	29.73	30.2
4 1745H	29.74	28.9
5 1845H	29.76	28.5
6 1945H	29.78	28.2
7 2045H	29.78	27.8
8 2145H	29.80	26.4
9 2245H	29.79	26.1
10 2345H	29.80	26.1
11 0045H	29.78	25.8
12 0145H	29.76	26.0
13 0245H	29.76	25.8
14 0345H	29.76	24.2
15 0445H	29.80	24.3
16 0545H	29.80	23.7
17 0645H	29.78	23.4
18 0745H	29.78	25.3
19 0845H	29.79	25.7
20 0945H	29.79	29.6
21 1045H	29.77	31.6
22 1145H	29.77	30.0
23 1245H	29.75	30.2
24 0145H	29.71	31.8
Ave.:	29.765H	28.2

CLASS A - 45dB

NOISE LEVEL MONITORING

MORNING (0501H-0900H) Time: 0830H

					REMARKS
47.3	47.6	43.1	42.1	42.1	- Noise from passing vehicles
44.3	44.7	40.0	42.2	41.6	
38.7	40.4	39.9	40.7	40.9	
39.7	41.0	45.4	47.2	47.0	
41.5	43.0	40.4	41.6	45.1	
39.6	45.6	42.4	43.7	41.3	
42.2	42.3	39.2	45.6	39.7	
42.1	38.6	39.6	42.0	41.7	
41.2	40.4	38.7	41.9	40.4	
38.6	39.2	40.6	41.2	41.3	
42.56	42.28	40.96	42.97	AVERAGE 42.09	42.172 (42)

* CLASS A
* 50 dB

DAYTIME (0901H-1800H) Time: 1646H

					REMARKS
64.1	61.8	61.8	67.5	72.5	- noise from multiple vehicles passing
67.7	64.7	64.9	62.5	66.4	
63.4	71.9	72.6	59.4	59.4	
64.9	64.0	74.7	66.2	57.7	
66.9	57.8	70.6	63.9	58.3	
67.2	58.9	67.2	60.1	58.9	
68.9	59.7	66.3	64.9	63.1	
71.9	60.6	79.8	71.5	67.9	
62.8	71.9	66.0	66.0	71.2	
71.8	64.4	64.6	69.8	65.0	
67.53	63.43	68.22	65.18	AVERAGE 64.08	65.688 (66)

* CLASS A
* 55 dB

NOTE: FOR PM 2.5 IN TSP ONLY

NIGHTTIME (2201H-0500H) Time: 0458H

					REMARKS
69.2	69.2	67.5	66.7	66.2	- Noise from passing vehicles
69.3	66.2	68.2	66.3	62.5	
69.1	70.6	68.2	76.2	66.2	
69.2	69.2	67.5	68.9	69.3	
69.2	66.2	66.5	71.7	68.2	
67.2	64.6	68.3	70.7	66.9	
68.3	64.2	68.2	68.2	69.2	
69.3	66.2	66.5	66.1	66.2	
66.5	68.9	66.5	70.4	67.3	
68.5	70.1	69.5	69.4	66.58	
68.58	67.51	67.79	68.96	AVERAGE 68.23	67.974 (68)

EVENING (1801H - 2200H) Time: 2129H

					REMARKS
70.9	63.5	67.7	66.2	68.9	- Noise from passing vehicles
68.2	62.2	68.9	69.2	71.2	
67.2	64.0	67.5	66.3	70.7	
68.0	64.7	67.9	69.2	69.2	
67.9	68.6	69.7	68.8	70.0	
67.5	65.5	69.2	69.2	69.7	
69.1	69.2	67.6	68.4	70.2	
69.3	73.2	67.9	67.2	69.7	
69.9	68.2	67.2	66.3	69.3	
67.7	63.2	67.5	70.0	69.8	
68.57	65.55	67.76	67.88	AVERAGE 69.69	67.878 (68)

* CLASS A
* 50 dB

REMARKS: N - about 2 m away from 2-lane road w/ multiple vehicles passing w/ approximately average of 20-25 vehicles/min. W - about 50 m away from motorcycle repair shop & saw mill. S - about 40 m away from furniture working shop.

Conducted by: ANDRONICO VILLARUBIA JR. 14 NOV 22
Signature over Printed name / Date 09-10 NOV 22

Verified by: ARNULFO [illegible] JR. / 14 NOV '22
Signature over Printed name / Date

* About 20 meters away SE from ongoing repair of the stairs.

F.A.S.T. Laboratories - Air Quality Monitoring Unit
The First Analytical Services And Technical Cooperative

AQMULF6.39rev0

Project Name: CEBU LANDMASTERS, INC
Project Address: Lantawan Rd. & Libis C. Pastor Rd. Brgy. San Pedro, Puerto Princesa City Palawan
Sampling Location: Front of Max's Bunny
GPS Coordinates: N - 9° 45' 42.3" ; E - 118° 45' 8.02"
Filter Paper No.: —
CO: STB-002 / 0900H

Sampling Date: 10 - 11 ~~October~~ NOV 2022
ARF No.: AQ 2211 - 392
Station ID: A2
Wind Direction: NE to SW
Sampling Personnel: KLDM, ARV, OCT, JBV

24-HOUR AMBIENT AIR QUALITY MONITORING FIELD DATA

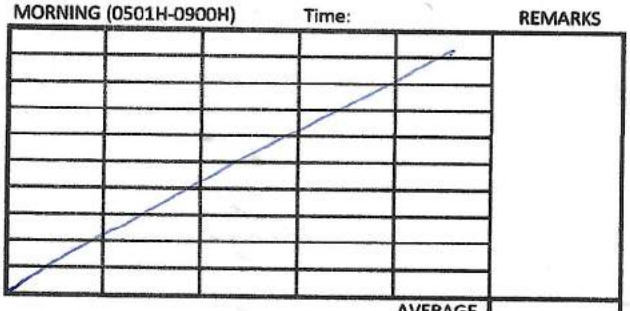
Other Equipment	High Volume Sampler (for Particulates)	Air Pump Sampler (for Gases)
Barometer ID: AQM 2012 - 114	Flow Rate: —	Flow Rate: 0-2 M³/min
Noise Meter ID: AQM 2010 - 008	Equipment ID: —	SO_2 Orifice ID:
GPS ID: —		NO_2 Orifice ID: —

ATMOSPHERIC PRESSURE & TEMPERATURE MONITORING

	TIME (every 60 min)	Pam, in Hg	Tam, °C
0	0830 H	29.79	25.4
1	0930 H	29.79	29.7
2	1030 H	29.78	29.8
3	1130 H	29.77	30.0
4	1230 H	29.76	29.1
5	1330 H	29.73	31.2
6	1430 H	29.71	32.1
7	1530 H	29.70	36.8
8	1630 H	29.71	29.3
9	1730 H	29.79	26.7
10	1830 H	29.79	27.3
11	1930 H	29.76	26.2
12	2030 H	29.77	25.6
13	2130 H	29.77	25.6
14	2230 H	29.77	25.8
15	2330 H	29.77	25.3
16	2430 H	29.76	25.7
17	0130 H	29.73	25.6
18	0230 H	29.73	25.8
19	0330 H	29.73	26.8
20	0430 H	29.72	25.0
21	0530 H	29.72	25.8
22	0630 H	29.72	25.84
23	0730 H	29.77	27.9
24	0830 H	29.78	28.9
	Ave.:	29.7488	27.66

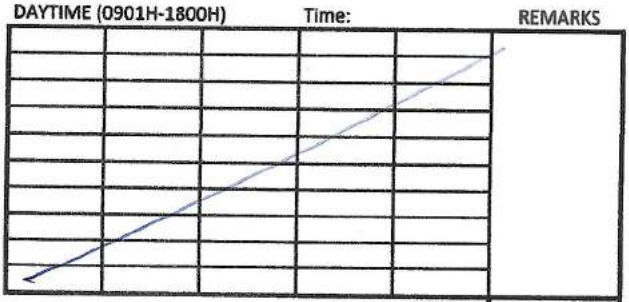
NOISE LEVEL MONITORING

MORNING (0501H-0900H) Time: REMARKS



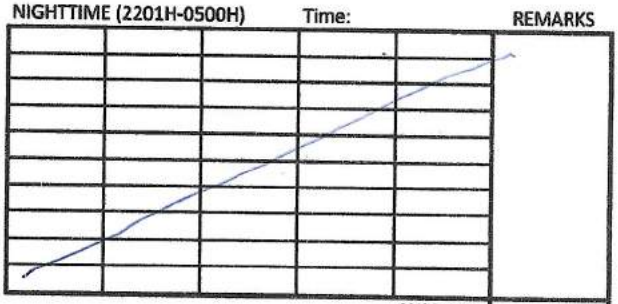
AVERAGE

DAYTIME (0901H-1800H) Time: REMARKS



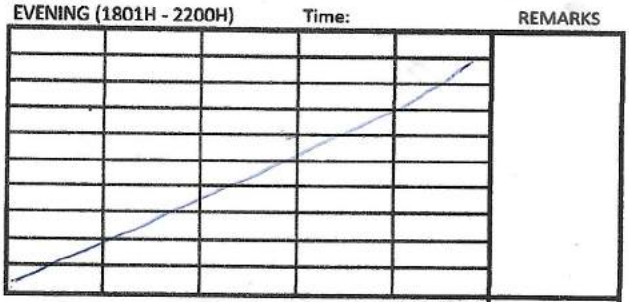
AVERAGE

NIGHTTIME (2201H-0500H) Time: REMARKS



AVERAGE

EVENING (1801H - 2200H) Time: REMARKS



AVERAGE

NOTE: FOR NO_2 & SO_2 ONLY

REMARKS: * Multiple passing vehicles nearby (about 2 m away).

Conducted by: AHDPONICO R. VALDERAMA JR. 10-11NOV22
Signature over Printed name / Date

Verified by: ARNULFO F. AMURAO JR. / 14 NOV '22
Signature over Printed name / Date

ANNEX B

SUMMARY OF TEST RESULTS

F.A.S.T. Laboratories
The First Analytical Services And Technical Cooperative
TECHNICAL EXCELLENCE • INTEGRITY • QUALITY SERVICE • SOCIAL RESPONSIBILITY
F.A.S.T. Laboratories – Air Quality Monitoring Unit
Km. 54 Brgy. Makiling, Calamba City, Laguna

SUMMARY OF AMBIENT AIR TEST RESULTS

Reference No. AQ2211-392

CUSTOMER	: CEBU LANDMASTERS, INC.
ADDRESS	: 10th Floor Centrale, I.T. Park, Apas, Cebu City
PROJECT ADDRESS	: Lantanas Road and Libis C. Road, Brgy. San Pedro, Puerto Princesa City, Palawan
SAMPLING DATE	: 07-11 November 2022
SAMPLING PERSONNEL	: Andronico R. Valderama (AS) / Oliver C. Tapon (AS) / Kurts Luoie D. Maglipas (AS) / Joan B. Velasco
DATE REPORTED	: 24 November 2022

LOCATION	Stn. No.	[a]TSP, µg/Ncm	[a]NO_2, µg/Ncm	[a]SO_2, µg/Ncm
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	A1	445	11	Less than 11**
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	A2	170	Less than 1**	Less than 11**
National Ambient Air Quality Standards (NAAQS)		**230**	**150**	**180**
SAMPLING METHODS		**High-Volume / Filtration**	**Gas Bubbler / Liquid Absorption**	

Note: [a]Analyses were conducted by F.A.S.T. Laboratories – Calamba. *Method Detection limit.

References: Appendix A and B, Code of Federal Regulations Protection of Environment, Part 50. U.S. Government Printing Office Washington: 2003. 17-22, 25-32pp.
Methods of Air Sampling and Analysis, 3rd Edition, James P. Lodge, Jr., Intersociety Committee1991, Section 406.

Results are those obtained at the time of examination and relate only to the sample(s) tested.

REVIEWED AND CERTIFIED BY: 24-NOV-22
ENR. ARNULFO E. AURINO JR.
AQM Specialist
ME Reg. No. 0099830

APPROVED BY: 24 Nov. '22
VERONI NICHOLAI B. ILAGAN
AQM Business Unit Manager

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F.A.S.T. Laboratories – Air Quality Monitoring Unit
Km. 54 Brgy. Makiling, Calamba City, Laguna

SUMMARY OF AMBIENT AIR TEST RESULTS

Reference No. AQ2211-392

CUSTOMER	: CEBU LANDMASTERS, INC.
ADDRESS	: 10th Floor Centrale, I.T. Park, Apas, Cebu City
PROJECT ADDRESS	: Lantanas Road and Libis C. Road, Brgy. San Pedro, Puerto Princesa City, Palawan
SAMPLING DATE	: 07-11 November 2022
SAMPLING PERSONNEL	: Andronico R. Valderama (AS) / Oliver C. Tapon (AS) / Kurts Luoie D. Maglipas (AS) / Joan B. Velasco
DATE REPORTED	: 24 November 2022

LOCATION	Stn. No.	[b]PM_{10}, µg/Ncm	[b]$PM_{2.5}$, µg/Ncm
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	A1	73	25
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	A2	73	18
National Ambient Air Quality Standards (NAAQS)		**150**	-
SAMPLING METHODS		**High-Volume / Filtration**	

Note: [a]Analyses were conducted by F.A.S.T. Laboratories – Calamba. *Method Detection limit.
[b]Analyses were conducted by CRL Calabarquez Corp.

References: Appendix A and B, Code of Federal Regulations Protection of Environment, Part 50. U.S. Government Printing Office Washington: 2003. 17-22, 25-32pp.
Methods of Air Sampling and Analysis, 3rd Edition, James P. Lodge, Jr., Intersociety Committee1991, Section 406.

Results are those obtained at the time of examination and relate only to the sample(s) tested.

REVIEWED AND CERTIFIED BY:
24-NOV-'22
ENR. ARNULFO E. AURINO JR.
AQM Specialist
ME Reg. No. 0099830

APPROVED BY:
24 NOV. '22
VERONI NICHOLAI B. ILAGAN
AQM Business Unit Manager

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F.A.S.T. Laboratories – Air Quality Monitoring Unit
Km. 54 Brgy. Makiling, Calamba City, Laguna

SUMMARY OF AMBIENT AIR TEST RESULTS

Reference No. AQ2211-392

CUSTOMER	: CEBU LANDMASTERS, INC.
ADDRESS	: 10th Floor Centrale, I.T. Park, Apas, Cebu City
PROJECT ADDRESS	: Lantanas Road and Libis C. Road, Brgy. San Pedro, Puerto Princesa City, Palawan
SAMPLING DATE	: 07-11 November 2022
SAMPLING PERSONNEL	: Andronico R. Valderama (AS) / Oliver C. Tapon (AS) / Kurts Luoie D. Maglipas (AS) / Joan B. Velasco
DATE REPORTED	: 24 November 2022

LOCATION	Stn. No.	[b]CO, ppm
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	A1	2
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	A2	2
National Ambient Air Quality Guideline Value (NAAQGV)		**30**
SAMPLING METHODS		**Tedlar Bag Collection**

Note: [a]Analyses were conducted by F.A.S.T. Laboratories – Calamba. *Method Detection limit.
[b]Analyses were conducted by CRL Calabarquez Corp.

References: Appendix A and B, Code of Federal Regulations Protection of Environment, Part 50. U.S. Government Printing Office Washington: 2003. 17-22, 25-32pp.
Methods of Air Sampling and Analysis, 3rd Edition, James P. Lodge, Jr., Intersociety Committee1991, Section 406.

Results are those obtained at the time of examination and relate only to the sample(s) tested.

REVIEWED AND CERTIFIED BY: 24-NOV-22
ENR. ARNULFO E. ADRINO JR.
AQM Specialist
ME Reg. No. 0099830

APPROVED BY: 24NOV'22
VERONI NICHOLAI B. ILAGAN
AQM Business Unit Manager

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F.A.S.T. Laboratories – Air Quality Monitoring Unit
Km. 54 Brgy. Makiling, Calamba City, Laguna

SUMMARY OF AMBIENT NOISE MONITORING RESULTS

Reference No. AQ2211-392

CUSTOMER	: CEBU LANDMASTERS, INC.
ADDRESS	: 10th Floor Centrale, I.T. Park, Apas, Cebu City
PROJECT ADDRESS	: Lantanas Road and Libis C. Road, Brgy. San Pedro, Puerto Princesa City, Palawan
SAMPLING DATE	: 07-11 November 2022
SAMPLING PERSONNEL	: Andronico R. Valderama (AS) / Oliver C. Tapon (AS) / Kurts Luoie D. Maglipas (AS) / Joan B. Velasco
DATE REPORTED	: 24 November 2022

LOCATION	Stn. No.	Actual Time / Time Bracket	Noise, dB	NPCC Standard Class AA Area
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	N1	0700H / Morning	66	45
		1624H / Daytime	66	50
		2134H / Evening	68	45
		2224H / Nighttime	64	40
SAMPLING METHOD			**Direct Measurement**	

References: National Pollution Control Commission, DENR – EMB Air Quality Monitoring

Results are those obtained at the time of monitoring only.

REVIEWED AND CERTIFIED BY: 24-NOV-22
ENR. ARNULFO E. AURINO JR.
AQM Specialist
ME Reg. No. 0099830

APPROVED BY: 24 Nov. '22
VERONI NICHOLAI B. ILAGAN
AQM Business Unit Manager

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F.A.S.T. Laboratories – Air Quality Monitoring Unit
Km. 54 Brgy. Makiling, Calamba City, Laguna

SUMMARY OF AMBIENT NOISE MONITORING RESULTS

Reference No. AQ2211-392

CUSTOMER	: CEBU LANDMASTERS, INC.
ADDRESS	: 10th Floor Centrale, I.T. Park, Apas, Cebu City
PROJECT ADDRESS	: Lantanas Road and Libis C. Road, Brgy. San Pedro, Puerto Princesa City, Palawan
SAMPLING DATE	: 07-11 November 2022
SAMPLING PERSONNEL	: Andronico R. Valderama (AS) / Oliver C. Tapon (AS) / Kurts Luoie D. Maglipas (AS) / Joan B. Velasco
DATE REPORTED	: 24 November 2022

LOCATION	Stn. No.	Actual Time / Time Bracket	Noise, dB	NPCC Standard Class A Area
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	N2	0830H / Morning	42	50
		1646H / Daytime	66	55
		2129H / Evening	68	50
		0458H / Nighttime	68	45
SAMPLING METHOD			Direct Measurement	

References: National Pollution Control Commission, DENR – EMB Air Quality Monitoring

Results are those obtained at the time of monitoring only.

REVIEWED AND CERTIFIED BY: 24-NOV-22
ENR. ARNULFO E. AURINO JR.
AQM Specialist
ME Reg. No. 0099830

APPROVED BY: 24 NOV '22
VERONI NICHOLAI B. ILAGAN
AQM Business Unit Manager

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F.A.S.T. Laboratories-Air Quality Monitoring Unit
The First Analytical Services And Technical Cooperative

Name of Project: CEBU LANDMASTERS, INC.
Project Site Address: Lantanas Road and Libis C. Road, Brgy. San Pedro , Puerto Princesa City, Palawan
Reference No.: AQ2011-392
Date Sampled: 07-11-Nov-2022
Sampling Personnel: Andronico R. Valderama (AS) / Oliver C. Tapon (AS) / Kurts Luoie D. Maglipas (AS) / Joan B. Velasco

Std. Temp(K) = 298.15
Std. Pressure (in Hg) = 29.92

Nitrogen Dioxide

Station Location	Stn. ID	Time of Sampling	Wind Direction	Flow Rate, L/min	Actual Pressure, in Hg	Ambient Temp., °C	Ambient Temp., K	Elapsed Time, min	Vmstd (Ncm)	Mass of NO_2, µg	Nitrogen Dioxide, µg/Ncm	NAAQS Limit, µg/Ncm
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	A1	0920H - 0920H 07-08 Nov 22	NE to SW	0.20	29.768	28.995	302.15	1440	0.2827	3.10	10.964	150
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	A2	0830H - 0830H 10-11 Nov 22	NE to SW	0.20	29.749	27.668	300.82	1440	0.2838	Less than 0.20**	Less than 1**	

Sulfur Dioxide

Station Location	Stn. ID	Time of Sampling	Wind Direction	Flow Rate, L/min	Actual Pressure, in Hg	Ambient Temp., °c	Ambient Temp., K	Elapsed Time, min	Vmstd(Ncm)	Mass of SO_2, µg	Sulfur Dioxide, µg/Ncm	NAAQS Limit, µg/Ncm
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	A1	0920H - 0920H 07-08 Nov 22	NE to SW	0.20	29.77	28.995	302.15	1440	0.2827	Less than 3.0**	Less than 11*	180
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	A2	0830H - 0830H 10-11 Nov 22	NE to SW	0.20	29.749	27.668	300.82	1440	0.2838	Less than 3.0**	Less than 11**	

Note: *Method Detection Limit

Vmstd (L) for NO_2 = [Vat (Pa/Pst)(Tstd/Ta)*T]

Vmstd - volume at std condition
Vat - flow rate (L/min)
Pa - actual pressure (in Hg)
Pst - std pressure (in Hg)
Tstd - standard temperature (K)
Ta - ambient temperature (K)
T - elapsed time (min)

Vmstd (Ncm for SO_2) = [Vat (Pa/Pst)(Tstd/Ta)*T] / 1000

Reviewed by: 24-NOV-'22
Engr. Arnulfo E. Aurino Jr.
AQM Specialist
ME Reg. No. 0099830

Certified and Approved by: 24 NOV '22
Veroni Nicholai B. Ilagan
AQM Business Unit Manager

F.A.S.T. Laboratories-Air Quality Monitoring Unit
The First Analytical Services And Technical Cooperative

Name of Project:	**CEBU LANDMASTERS, INC.**
Project Site Address:	Lantanas Road and Libis C. Road, Brgy. San Pedro , Puerto Princesa City, Palawan
Reference No.:	AQ2011-392
Date Sampled:	07-11-Nov-2022
Sampling Personnel:	Andronico R. Valderama (AS) / Oliver C. Tapon (AS) / Kurts Lucie D. Maglipas (AS) / Joan B. Velasco

Std. Temp(K) = 298.15
Std. Pressure (in Hg) = 29.92

Total Suspended Particulates (TSP)

Station Location	Stn. ID	Time of Sampling	Wind Direction	Flow Rate, m^3/min	Actual Pressure, in Hg	Ambient Temp., °C	Ambient Temp., K	Elapsed Time, min	Vmstd(Ncm)	Mass of TSP, µg	TSP, µg/Ncm	NAAQG Limit, µg/Ncm
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	A1	0920H - 0920H 07-08 Nov 22	NE to SW	1.20	29.768	28.995	302.15	1440	1696.4657	755300	445.22	230
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	A2	1345H - 1345H 09-10 Nov 22	NE to SW	1.20	29.766	28.244	301.39	1440	1700.5912	290100	170.59	

Particulate Matter 10 (PM10)

Station Location	Stn. ID	Time of Sampling	Wind Direction	Flow Rate, m^3/min	Actual Pressure, in Hg	Ambient Temp., °C	Ambient Temp., K	Elapsed Time, min	Vmstd(Ncm)	Mass of PM10, µg	PM10, µg/Ncm	NAAQG Limit, µg/Ncm
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	A1	0920H - 0920H 07-08 Nov 22	NE to SW	1.756	29.768	28.995	302.15	1440	2482.495	182,100	73	150
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	A2	1700H - 1700H 10-11 Nov 22	NE to SW	1.73	28.558	27.588	300.74	1440	2354.610	171,000	73	

Note: *Method Detection Limit

Particulate Matter 2.5 (PM2.5)

Station Location	Stn. ID	Time of Sampling	Wind Direction	Flow Rate, m^3/min	Actual Pressure, in Hg	Ambient Temp., °C	Ambient Temp., K	Elapsed Time, min	Vmstd(Ncm)	Mass of PM2.5, µg	PM2.5, µg/Ncm	NAAQG Limit, µg/Ncm
Front of TLC Palawan Integrated School (N9° 45' 45.9" E118° 45' 10.7")	A1	1029H - 1029H 08-09 Nov 22	NE to SW	1.756	29.769	28.672	301.82	1440	2485.2867	63,200	25	-
Front of Max and Bunny Shop (N9° 45' 42.3" E118° 45' 8.02")	A2	1345H - 1345H 09-10 Nov 22	NE to SW	1.73	29.766	28.244	301.39	1440	2448.8513	43,000	18	

Pst - std pressure (in Hg)

Tstd - standard temperature (K)

Ta - ambient temperature (K)

T - elapsed time (min)

Reviewed by:
24-NOV-22
Engr. Arnulfo C. Aurino Jr.
AQM Specialist
ME Reg. No. 0099830

Certified and Approved by:
24 NOV. '22
Veroni Nicholai B. Ilagan
AQM Business Unit Manager

ANNEX C

LABORATORY TEST RESULTS

***F.A.S.T. Laboratories* – Calamba**
Km. 54 Brgy. Makiling, Calamba City, Laguna

TEST REPORT

Reference No.: **CL2211-9344**

CUSTOMER	: *F.A.S.T. LABORATORIES* (AIR QUALITY MONITORING UNIT)
PROJECT NAME	: AQ2211-392 CEBU LANDMASTERS, INC.
PROJECT ADDRESS	: Lantanas Rd. & Libis C. Pastor Rd., Brgy. San Pedro, Puerto Princesa City, Palawan
SAMPLE(S) SUBMITTED	: FILTER PAPERS IN AMBIENT AIR
SAMPLE CODE	: CL2211-9344-01 to 02
Date / Time Received	: 14 Nov 2022 / 09:00 AM
Analyzed By	: NBZBarrun
Date Analyzed	: 17 Nov 2022
Date Reported	: 18 Nov 2022

LOCATION	Stn. No.	TSP, µg
Front of TLC Palawan Integrated School	A1	755300
Front of Max and Bunny Shop	A2	290100
TEST METHOD/S		Gravimetric Method

Reference: Appendix B, Code of Federal Regulations, Protection of Environment, Part 50.

Results are those obtained at the time of examination and relate only to the sample(s) tested.

CERTIFIED BY:
19 Nov 2022
APRIL ROSS B. ESPINA, RCh
Laboratory Supervisor
Chem.Reg.No.13219

APPROVED BY:
18 Nov 2022
DENNIS P. SIBONGGA, RCh
Laboratory Business Manager
Chem.Reg.No.10116

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21Nov22
KJF

***F.A.S.T. Laboratories* – Calamba**
Km. 54 Brgy. Makiling, Calamba City, Laguna

TEST REPORT

Reference No.: **CL2211-9222**

CUSTOMER	: *F.A.S.T. LABORATORIES* (AIR QUALITY MONITORING UNIT)
PROJECT NAME	: AQ2211-392 CEBU LANDMASTERS, INC.
PROJECT ADDRESS	: Lantanas Rd. and C. Pasto Rd., Brgy. San Pedro, Puerto Prinsesa City, Palawan
SAMPLE(S) SUBMITTED	: AMBIENT AIR IN ABSORBING SOLUTION
SAMPLE CODE	: CL2211-9222-01 to 02
DATE/TIME RECEIVED	: 09 Nov 2022 / 04:15 PM
Analyzed By	: NBZBarrun
Date Analyzed	: 09 Nov 2022 to 16 Nov 2022
Date Reported	: 16 Nov 2022

LOCATION	Stn. No.	NO_2, µg	SO_2, µg
Front of TLC Palawan Integrated School	A1	3.10	Less than 3.0**
TEST METHOD/S		Colorimetric (Griess Saltzman)	Colorimetric (Pararosaniline Method)

Note: ** - Reporting Limit

Reference: Appendix A, Code of Federal Regulations, Protection of Environment, Part 50.
Determination of Nitrogen Dioxide Content of the Atmosphere (Griess-Saltzman Reaction)
World Health Organization (WHO) page 10-14

Results are those obtained at the time of examination and relate only to the sample(s) tested.

CERTIFIED BY:
16 Nov. 2022
APRIL ROSS B. ESPINA, RCh
Laboratory Supervisor
Chem.Reg.No.13219

APPROVED BY:
16 Nov. 2022
DENNIS P. SIBONGGA, RCh
Laboratory Business Manager
Chem.Reg.No.10116

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17nov22
KJF

***F.A.S.T. Laboratories* – Calamba**
Km. 54 Brgy. Makiling, Calamba City, Laguna

TEST REPORT

Reference No.: **CL2211-9298**

CUSTOMER	: *F.A.S.T. LABORATORIES* (AIR QUALITY MONITORING UNIT)
PROJECT NAME	: AQ2211-392 CEBU LANDMASTERS, INC.
PROJECT ADDRESS	: Lantanas Rd. and C. Pasto Rd., Brgy. San Pedro, Puerto Prinsesa City, Palawan
SAMPLE(S) SUBMITTED	: AMBIENT AIR IN ABSORBING SOLUTION
SAMPLE CODE	: CL2211-9298-01 to 02
DATE/TIME RECEIVED	: 11 Nov 2022 / 06:45 PM
Analyzed By	: TJDPieza / NBZBarrun
Date Analyzed	: 12 Nov 2022 to 16 Nov 2022
Date Reported	: 17 Nov 2022

LOCATION	Stn. No.	NO_2, µg	SO_2, µg
Front of Max & Bunny Shop	A1	Less than 0.20**	Less than 3.0**
TEST METHOD/S		Colorimetric (Griess Saltzman)	Colorimetric (Pararosaniline Method)

Note: ** - Reporting Limit

Reference: Appendix A, Code of Federal Regulations, Protection of Environment, Part 50.
Determination of Nitrogen Dioxide Content of the Atmosphere (Griess-Saltzman Reaction)
World Health Organization (WHO) page 10-14

Results are those obtained at the time of examination and relate only to the sample(s) tested.

CERTIFIED BY:
17 Nov, 2022
APRIL-ROSS B. ESPINA, RCh
Laboratory Supervisor
Chem.Reg.No.13219

APPROVED BY:
17/Nov/2022
DENNIS P. SIBONGGA, RCh
Laboratory Business Manager
Chem.Reg.No.10116

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18Nov22
RF

Results of Analyses

F.A.S.T. Laboratories - Calamba
2F Allied Concrete Bldg., KM 54, Makiling
Calamba City, Laguna 4027

SN: F00008077.001
Date Received: 11/14/2022

Lab No.: P00013688

Project Name: N/S

Attention: Mr. Veroni Nicholai B. Ilagan

Test Description	Results	Units	MDL	Test Methods	Date Analyzed	By
Sample No.: P00013688-01			**DateSampled: 11-09-22 10:00**			
Sample ID: A1 - STB2022 - 001			**Matrix: Air - Ambient**			
-Air-						
Carbon Monoxide	2.47	ppm	0.04*	NDIR	11/17/22	MDAO
>>> end of result set for Sample No. P00013688-01 <<<						
Sample No.: P00013688-02			**DateSampled: 11-11-22 09:00**			
Sample ID: A2 - STB2022 - 002			**Matrix: Air - Ambient**			
-Air-						
Carbon Monoxide	2.17	ppm	0.04*	NDIR	11/17/22	MDAO
>>> end of result set for Sample No. P00013688-02 <<<						

>>> end of result set for Lab No. P00013688. Total no. of samples analyzed: 2 <<<

N/S = Not Supplied

MDL = Method Detection Limit

*IDL = Instrument Detection Limit

Results are reported on "as received basis."

CRL Calabarquez Corporation
Laguna International Industrial Park (LIIP)
Administration Bldg., Mamplasan, Biñan, Laguna
Philippines 4024
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Tel.: (+632) 8552-5020
(+6349) 539-0205
Fax: (+632) 8552-5020

22nov22
1100

Analyzed by:

Kay Cee R. Mariscotes
PRC License No.: 13100
Chemical Testing

Date: 11/21/2022

Certified by:

Mayrene D. Algire-Ortiz
PRC License No.: 11233
Chemical Testing

Date: 11/21/2022

Ma. Gwen Jane P. Limbaco
PRC License No.: 9302
Chemical Testing

Date: 11/21/2022

SN: F00008077.001

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Fax: (+632) 8552-5020

PREPARATION AND RUNLOG
Carbon Monoxide (NDIR)

Analysis Date:	11/17/2022	CO Analyzer Manufacturer:	Thermo Environmental Instruments	Calibration Details:	
Analyzed by:	MDAO	Analyzer Model/SN:	48C CO Analyzer/ 48CTL-70992-367	Date:	11/17/2022
Date logged:	11/18/2022	Analyzer Range Setting, ppm:	0 - 1000	Time:	11:47
		Calibration Span (CS), ppm:	1001.00	Span Gas:	CC136957 (1001)

THREE-POINT CALIBRATION ERROR TEST

Time: 11:49	Cylinder No.	Certified Gas Value (ppm)	Pre-Run Measured CO Concentration (ppm)	Analyzer Calibration Error, ACE (% CS)	ACE Status*
Low Level/ Zero	SA7176	99.3	104.2	0.4895	Passed
Mid-Level	CC247597	505	508	0.2997	Passed
High-Level	CC136957	1001.0	1002	0.0999	Passed

*Criterion: ACE must we within ±2.0% of Calibration Span (CS)

Start Time: 14:27

CO TEDLAR BAG SAMPLES

Laboratory No.	Sample ID	CO Concentration (ppm)			Remarks
		Reading	Replicate	Reported Value	
P00013688-01	A1 - STB2022 - 001	2.47		2.47	
P00013688-02	A2 - STB2022 - 002	2.17		2.17	

End Time: 15:07

POST-RUN CHECK AND DRIFT ASSESSMENT

Time: 17:55	Certified Gas Value (ppm)	PRE-RUN	POST-RUN			% Drift	Drift Status**
		ACE (% CS)	CO Conc. (ppm)	ACE (% CS)	ACE Status*	(% CS)	
Low Level Gas	99.3	0.4895	102.9	0.3596	Passed	0.1299	Passed
Upscale Gas (Choose 1)	505	0.2997	506	0.0999	Passed	0.1998	Passed
	1001.0	0.0999					

**Criterion: Drift must be ≤3.0% of Calibration Span (CS)

Checked By/ Date: 11/21/2022 11/21/2022 Manager's Approval/ Date: 11/21/2022

Results of Analyses

F.A.S.T. Laboratories - Calamba

2F. Allied Concrete Bldg., Km. 54, Makiling, Calamba, Laguna
Contact No.: 049-5026520

SN: F00101571.001

Date Received: 11/14/2022

Lab No.:P00132426

Project Name: AQ2211 - 392

Attention: Mr. Veroni Nicholai Ilagan

Test Description	Results	Units	MDL	Test Methods	Date Analyzed	By	Ref
Sample No.: P00132426-01			**DateSampled: 11-08-22 09:20**				
Sample ID: A1 - A0163050			**Matrix: Air - Ambient**				
-Air-							
PM10	182.100	µg	100*	Gravimetry	11/15/22	RRH	
>>> end of result set for Sample No.:P00132426-01 <<<							
Sample No.: P00132426-02			**DateSampled: 11-09-22 10:29**				
Sample ID: A1 - A0163051			**Matrix: Air - Ambient**				
-Air-							
PM 2.5	171.000	µg	100*	Gravimetry	11/15/22	RRH	
>>> end of result set for Sample No.:P00132426-02 <<<							
Sample No.: P00132426-03			**DateSampled: 11-11-22 17:00**				
Sample ID: A2 - A0163053			**Matrix: Air - Ambient**				
-Air-							
PM10	63.200	µg	100*	Gravimetry	11/15/22	RRH	
>>> end of result set for Sample No.:P00132426-03 <<<							
Sample No.: P00132426-04			**DateSampled: 11-10-22 13:45**				
Sample ID: A2 - A0163052			**Matrix: Air - Ambient**				
-Air-							
PM 2.5	43.000	µg	100*	Gravimetry	11/15/22	RRH	
>>> end of result set for Sample No.:P00132426-04 <<<							

>>> end of result set for Lab No.:P00132426; Total no. of samples analyzed: 4 <<<

MDL = Method Detection Limit/s

*IDL = Instrument Detection Limit/s

Results are reported "as received basis"

Code of Federal Regulations (40 CFR), Part 50 to 51, Revised as of July 1, 2016.

Compendium of Methods for the Determination of Inorganic Compounds in Ambient Air, Compendium Method IO-3.1, Selection, Preparation and Extraction of Filter Material, Center for Environmental Research Information Office of Research and Development U.S. Environmental Protection Agency Cincinnati, OH 45268. June 1999

PD:>>>0045078<<<<

CRL Environmental Corporation

Laboratory: Bldg. 2, Berthaphil Compound 1, Berthaphil, Inc. Industrial Park, Aguinaldo Highway, Barangay Zapote I, Bacoor City, Cavite, Philippines
Tel: (63-46) 451-5000 loc. 2 or (63-2) 8852-8888 loc. 2 Fax: (63-46) 451-5001
Email: crl.ce@crllabs.com • http://www.crllabs.com

PAB ACCREDITED TESTING LABORATORY PNS ISO/IEC 17025:2017 LA-2008-119D

24 Nov 22
1100

Analyzed by:

Ronaldo R. Hubilla
PRC License No.: 2665
Chemical Testing

Date: 11/22/2022

Certified by:

Ronald G. Espiritu
PRC License No.: 9248
Chemical Testing

Date: 11/22/2022

Juliana C. Oriña
PRC License No.: 8774
Chemical Testing

Date: 11/22/2022

Chas C. Arroyo
PRC License No.: 6701
Chemical Testing

Date: 11/22/2022

SN: F00101571.001

Disclaimer: This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the customer to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited. This analytical report is NOT VALID without the official dry seal of CRL Environmental Corporation

FN:>>>00450769>>>>

CRL Environmental Corporation

■ **Laboratory:** Bldg. 2, Berthaphil Compound 1, Berthaphil, Inc. Industrial Park, Jose Abad Santos Ave., Clark Freeport Zone (CFZ) Pampanga, 2023 Philippines
Tel: (63 45) 599-3943 • (63 2) 8552-5100 • Fax: (63 45) 599-3963
Email: crl@crllabs.com • http: www.crllabs.com

AMBIENT AIR QUALITY
PREPARATION AND RUNLOG
PM_{10} (Method : Gravimetric Analysis)

Date Prepared:	November 15, 2022	Date Completed:	November 16, 2022
Time Prepared:	9:00 am	Time Completed:	9:20 am
Prepared by:	RRH	Weighings Performed by:	RRH
		Date Logged:	November 16, 2022

Sample ID	Filter ID	Filter Tare (g)	Filter Final (g)	Weigh of Particulates (µg)	Remarks
MB	A0162874	4.3574	4.3574	0	
132426-01	A0163050	4.4725	4.6546	182100	*dark gray*
132426-03	A0163053	4.4777	4.5409	63200	*dark gray*

Department Supervisor/Date: _____ Department Manager's Approval/Date: _____

AMBIENT AIR QUALITY
PREPARATION AND RUNLOG
$PM_{2.5}$ (Method : Gravimetric Analysis)

Date Prepared:	November 15, 2022	Date Completed:	November 16, 2022
Time Prepared:	9:00 am	Time Completed:	9:20 am
Prepared by:	RRH	Weighings Performed by:	RRH
		Date Logged:	November 16, 2022

Sample ID	Filter ID	Filter Tare (g)	Filter Final (g)	Weigh of Particulates (µg)	Remarks
MB	A0162874	4.3574	4.3574	0	
132426-02	A0163051	4.4864	4.6574	171000	*dark gray*
132426-04	A0163052	4.5023	4.5453	43000	*dark gray*

Department Supervisor/Date: _____ Department Manager's Approval/Date: 11/16/22

ANNEX D

ANALYTICAL RAW DATA

F.A.S.T. Laboratories
The First Analytical Services And Technical Cooperative

TEST RESULT SUMMARY

REFERENCE NO. : CL2211-9344 DUE DATE: 17 NOV 2022

Date Received : 14 NOV 2022

Type of Sample

☐ Water ☐ Wastewater ☐ Food ☐ Feeds ☐ Others ☑ Air (Ambient)

Reference:

☐ SMEWW(APHA AWWA) ☐ US EPA ☐ AOAC ☐ FCC ☐ USP ☐ JETRO ☐ PAB ☑ Non PAB

☑ Others WHO/CFR

Notation Legend: α(alpha) - not accredited, β(beta) - Outsourced

Remarks as received / Special Instruction from the Customer:

Sample Code	Notation	Parameters	Unit	Results	MU (If applicable)	Method	Date of Analysis	Analyzed by	Reference	Data Transfer Checked by
CL2211-9344-01	/	TSP(24Hr)	ug	755,300	/	Gravimetry	17 NOV 2022	JWW	P.208	
02				290,100	/					

Endorsed By: JWW Bamm — Date: 18 NOV 2022

Reported By: — Date: 18 NOV 2022

Reviewed/Checked By: — Date: 19 NOV 2022

Approved By: — Date: 18 Nov 2022

F.A.S.T. Laboratories
The First Analytical Services And Technical Cooperative

TEST RESULT SUMMARY

REFERENCE NO. : CL 2211- 9222 DUE DATE: 14 NOV 2022

Date Received : 09 NOV 2022

Type of Sample

☐ Water ☐ Wastewater ☐ Food ☐ Feeds ☐ Others ☑ Air (Ambient)

Reference:

☐ SMEWW(APHA AWWA) ☐ US EPA ☐ AOAC ☐ FCC ☐ USP ☐ JETRO ☐ PAB ☑ Non PAB

☑ Others WHO / CFR

Notation Legend: α(alpha) - not accredited, β(beta) - Outsourced

Remarks as received / Special Instruction from the Customer:

Sample Code	Notation	Parameters	Unit	Results	MU (if applicable)	Method	Date of Analysis	Analyzed by	Reference	Data Transfer Checked by
CL2211-9222-01		NO_2	µg	3.10		Griess-Saltzman	09 NOV 2022	[illegible]	p. 122	✓ MMLA
02		SO_2	µg	<3.0**		Paravoscilic	14 NOV 2022	[illegible]	p. 89	✓ MMLA

Endorsed By [illegible] Date 16 NOV 2022

Reported By [illegible] Date 16 Nov 2022

Reviewed/Checked By [illegible] Date 16 Nov 2022

Approved By [illegible] Date

F.A.S.T. Laboratories
The First Analytical Services And Technical Cooperative

TEST RESULT SUMMARY

REFERENCE NO. : AZ211-9298 DUE DATE: 16 NOV 2022

Date Received : 12 NOV 2022

Type of Sample

☐ Water ☐ Wastewater ☐ Food ☐ Feeds ☐ Others ☑ Air (Ambient)

Reference:

☐ SMEWW(APHA AWWA) ☐ US EPA ☐ AOAC ☐ FCC ☐ USP ☐ JETRO ☐ PAB ☐ Non PAB

☑ Others WHO / CFR

Notation Legend: α(alpha) - not accredited, ß(beta) - Outsourced

Remarks as received / Special Instruction from the Customer:

Sample Code	Notation	Parameters	Unit	Results	MU (If applicable)	Method	Date of Analysis	Analyzed by	Reference	Data Transfer Checked by
AZ211-9298-01		NO_2	µg	<0.20	/	Griess-Saltzman	12 NOV 2022	TJPP	p.123	✓ MNLA
02	/	SO_2	µg	<3.0	/	Pararosaniline	16 NOV 2022	MMZB	p.89	✓ MNLA

Endorsed By: MJ Mamon

Reported By: MNLA Date: 16 NOV 2022

Reviewed/Checked By: Date: 17 Nov 2022

Approved By: Date: 17/11/2022

ANNEX E

CHAIN OF CUSTODY

F.A.S.T. Laboratories-Air Quality Monitoring Unit
The First Analytical Services And Technical Cooperative

CHAIN OF CUSTODY, RECORD AND SAMPLE LOG (AMBIENT/WEM)

Name of Client: CEBU LANDMASTERS, INC. Team Leader: ARV, OCT, KLDM

Address: Lantamas Rd. and Libis C. Pastor Rd. Brgy. Sand Pedro Puerto Princesa city, Palawan Sampling Technician/s: JBV

Sample ID	Station ID / Location	Sample Date	Sample Type	Type of Container	Analysis Requested
	A1- Front of TLC Palawan Integrated School	07-08 Nov. 2022	Absorbed Gases	PP Bottle	SO_2 NO_2 (08 Nov. 2022 / 0932H)

Remarks: AQ2211-392

Submitted by: _____ 09 Nov. 2022
Signature and Date

Received by: _____ 10 NOV 2022
Signature and Date

F.A.S.T. Laboratories-Air Quality Monitoring Unit
The First Analytical Services And Technical Cooperative

CHAIN OF CUSTODY, RECORD AND SAMPLE LOG (AMBIENT/WEM)

Name of Client: CEBU LANDMASTERS, INC. Team Leader: ARV, CCT, KLDM

Address: Lantoras Rd. and Libis C. Pastor Rd. Brgy. San Pedro, Puerto Princesa City, Palawan Sampling Technician/s: JBV

Sample ID	Station ID / Location	Sample Date	Sample Type	Type of Container	Analysis Requested
S8	A1- Front of TLC Palawan Integrated School	07-08 Nov. 2022	Filter Paper	Filter Paper Envelope	TSP
60	A2- Front of Max and Bunny Shop	09-10 Nov. 2022			TSP

Remarks: AQ 2211-392
with field Blank

Submitted by: _____ 14 Nov. 2022
Signature and Date

Received by: _____ 14 NOV 22
Signature and Date

F.A.S.T. Laboratories-Air Quality Monitoring Unit
The First Analytical Services And Technical Cooperative

CHAIN OF CUSTODY, RECORD AND SAMPLE LOG (AMBIENT/WEM)

Name of Client: CEBU LANDMASTERS, INC. Team Leader: ARV, OCZ, KLDM

Address: Laotanas Rd. and Libis c. Pastor Rd. Brgy. San Pedro Puerto Princesa City, Palawan Sampling Technician/s: JBV

Sample ID	Station ID / Location	Sample Date	Sample Type	Type of Container	Analysis Requested
	A2. Front of Max and Bunny Shop	10-11 Nov. 2022	Absorbed Gases	PP Bottle	*SO_2 *NO_2 (11 Nov. 2022 / 0802 H)

Remarks: AQ2211-392
*With field Blank

Submitted by: _____ 11 Nov. 2022
Signature and Date

Received by: _____ 16 NN 2022
Signature and Date

CHAIN OF CUSTODY RECORD

Failure to complete all sections of this form may delay analysis. Please fill out this form LEGIBLY and ACCURATELY.

Page ___ of ___

CRL Calabarquez Corporation

Laguna International Industrial Park (LIIP)
Administration Bldg., Mamplasan, Biñan, Laguna, Philippines
Tel.: (632) 8552-5020; (6349) 539-0205 * Fax: (632) 8552-5020

FOR LABORATORY USE ONLY:

Lab No.: P0013242b

P.O. No.:

Logged By: CRLP Date: 11-15-22 Time: 0821H

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ CRL ☑

Sample Condition Upon Receipt:
1. CHILLED Y ☐ N ☐ 4. SEALED Y ☑ N ☐
2. HEADSPACE (VOA) Y ☐ N ☐ 5. No. OF SAMPLES MATCH COC Y ☑ N ☐
3. CONTAINER INTACT Y ☑ N ☐ 6. PRESERVED Y ☐ N ☐

Customer: F.A.S.T. LABORATORIES - CALAMBA

Address: BRGY. MAKILING
City: CALAMBA CITY, LAGUNA State: Zip Code:

Tel. No. ( )
Fax No.: ( )

Project Name: Project No.: Sampler: (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) EBM Date: 11/14/2022 Time: 1402H Received by: (Signature and Printed Name) Jr. EUGENE NERPIO Jr. Date: 11-14-22 Time: 1415H

Relinquished by: (Signature and Printed Name) Jr. EUGENE NERPIO Jr. Date: 11-14-22 Time: 2139H Received by: (Signature and Printed Name) Date: 11-14-22 Time: 9:39 pm

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) MARY RUTH PEREZ Date: 11-15-22 Time: 0800 H

SHIP TO LAB:
(SUB CONTRACT)
TEST:
DATE:
CUSTOMER I.D.:

I hereby authorize CRL to perform the work indicated below.
Project Manager/ Submitter:
EINSTEIN MIGUEL
Printed Name and Signature
11/14/2022
Date

Send Report To:
Attn.: MR. VERONI NICHOLAI ILAGAN Company:
Designation: Address:
Email Address:
City: State: Zip:

Special Instructions/ Comments:
P13687; CRL C PROJ.

Unless otherwise requested, all remaining samples will be disposed 15 days after the release of report

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Others
☐ Return To:
*$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL

ITEM No.	LAB USE ONLY: LAB. No.	Sample Description: Sample I.D.	Sampling Date	Sampling Time	Write Analysis(es) Requested: PM10	PM2.5	CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	SURFACE WATER	GROUND WATER	WASTE WATER	DRINKING WATER	AIR-STACK	AIR-AMBIENT	WEMI/ IAQ	OTHERS (specify)	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	P0013242b -01	A1- A0163050 (PM10)	11/08/2022	0920H	✓									✓				1	HP		
	-02	A1- A0163051 (PM2.5)	11/08/2022	1029H		✓								✓				↓	↓		
		AG2211-392																			
	-03	A2- A0163053 (PM10)	11/11/2022	1700H	✓									✓							
	-04	A2- A0163052 (PM2.5)	11/10/2022	1345H		✓								✓							

• TAT starts 8 A.M. the following day if sample received beyond 12 noon at the laboratory.

TAT: A= Overnight <24 hrs. B= Emergency Next Workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter J=Jar B=Tedlar G=Glass P=Plastic C=Canister M=Metal FP=Filter ST=Sorbent Tube

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=<6°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: WHITE with report, YELLOW to folder, PINK to submitter

CHAIN OF CUSTODY RECORD

Failure to complete all sections of this form may delay analysis. Please fill out this form LEGIBLY and ACCURATELY.

Page 1 of

CRL Calabarquez Corporation

Laguna International Industrial Park (LIIP)
Administration Bldg., Mamplasan, Biñan, Laguna, Philippines
Tel.: (632) 8552-5020; (6349) 539-0205 * Fax: (632) 8552-5020

FOR LABORATORY USE ONLY:

Lab No.: P000 13687

P.O. No.:

Logged By: ERM Date: 11/15/2022 Time: 1700H

Method of Transport: Walk-in ☒ Courier ☐ UPS ☐ FED. EXP. ☐ CRL ☐

Sample Condition Upon Receipt:
1. CHILLED Y ☐ N ☐ 4. SEALED Y ☒ N ☐
2. HEADSPACE (VOA) Y ☐ N ☐ 5. No. OF SAMPLES MATCH COC Y ☒ N ☐
3. CONTAINER INTACT Y ☒ N ☐ 6. PRESERVED Y ☐ N ☐

Customer: FAST LABORATORIES - CALAMBA

Address: Brgy. Makiling

City: Calamba City, Laguna State: Zip Code:

Tel. No. ( )

Fax No.: ( )

Project Name: Project No.: Sampler: (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) ANDRONICO VALDEPAMA Date: 14 NOV 2022 Time: 0939H Received by: (Signature and Printed Name) Date: 11/14/22 Time: 0945H

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:

(SUB CONTRACT)

TEST:

DATE:

CUSTOMER I.D.:

I hereby authorize CRL to perform the work indicated below.

Project Manager/Submitter: ANDRONICO VALDEPAMA JR.

Printed Name and Signature

14 NOV 2022

Date

Send Report To:

Attn.: Mr. Yeroni Nicholai Tlogan Company: FAST LAB

Designation: Admin Manager Address:

Email Address:

City: State: Zip:

Special Instructions/ Comments:

to follow P.O.

Unless otherwise requested, all remaining samples will be disposed 15 days after the release of report

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Others
☐ Return To:

*$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL

Write Analysis(es) Requested

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; SURFACE WATER; GROUND WATER; WASTE WATER; DRINKING WATER; AIR-STACK; AIR-AMBIENT; WEMI/ IAQ; OTHERS (specify)

ITEM No.	LAB USE ONLY: LAB. No.	Sample Description: Sample I.D.	Sampling Date	Sampling Time	PM10 w/ Lycopodium	PM2.5	TAT	Container(s): #	Container(s): Type	PRESERVATION	REMARKS
	P000 13687 -01	A1 - A0163050 (PM 10)	07-08 NOV 22	0939H	X		E	FP			
	- 02	A1 - A0163051 (PM 2.5)	08-09 NOV 22	1029H	X	X	E	FP			
	- 03	A2 - A0163053 (PM 10)	10-11 NOV 22	1700H	X		E	FP			
	- 04	A2 - A0163052 (PM 2.5)	09-10 NOV 22	1345H	X	X	E	FP			

A: 22 11 - 3 92

- TAT starts 8 A.M. the following day if sample received beyond 12 noon at the laboratory.

TAT: A= Overnight <24 hrs. B = Emergency Next Workday C = Critical 2 Workdays D = Urgent 3 Workdays E = Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter J=Jar B=Tedlar G=Glass P=Plastic C=Canister M=Metal FP=Filter ST=Sorbent Tube

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=<6°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: WHITE with report, YELLOW to folder, PINK to submitter

CHAIN OF CUSTODY RECORD

Failure to complete all sections of this form may delay analysis. Please fill out this form **LEGIBLY** and **ACCURATELY.**

Page 1 of ___

CRL Calabarquez Corporation

Laguna International Industrial Park (LIIP)
Administration Bldg., Mamplasan, Biñan, Laguna, Philippines
Tel.: (632) 8552-5020; (6349) 539-0205 * Fax: (632) 8552-5020

FOR LABORATORY USE ONLY:

Lab No.: _____

P.O. No.: _____

Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☒ Courier ☐ UPS ☐ FED. EXP. ☐ CRL ☐

Sample Condition Upon Receipt:
1. CHILLED Y ☐ N ☐ 4. SEALED Y ☒ N ☐
2. HEADSPACE (VOA) Y ☐ N ☐ 5. No. OF SAMPLES MATCH COC Y ☒ N ☐
3. CONTAINER INTACT Y ☒ N ☐ 6. PRESERVED Y ☐ N ☐

Customer: FACT LABORATORIES - CALAMBA

Address: Brgy. Makiling
City: Calamba City, Laguna State: Zip Code:

Tel. No. ( )
Fax No.: ( )

Project Name: Project No.: Sampler: (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) ANDRONICO VALDERAMA Date: 14 NOV 2022 Time: 0939H Received by: (Signature and Printed Name) Nepor Fe Ci Date: 11/14/22 Time: 0943H

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
DATE: _____
CUSTOMER I.D.: _____

I hereby authorize CRL to perform the work indicated below.
Project Manager/ Submitter:
ANDRONICO VALDERAMA JR.
Printed Name and Signature
14 NOV 2022
Date

Send Report To:
Attn.: Mr. Yeroni Nicholai Ilagan Company: FACT LAB
Designation: AQMU Manager Address: _____
Email Address: _____
City: _____ State: _____ Zip: _____

Special Instructions/ Comments:
To follow P.O.

Unless otherwise requested, all remaining samples will be disposed 15 days after the release of report

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Others _____
☐ Return To: _____
*$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL

ITEM No.	LAB USE ONLY: LAB. No.	Sample Description: Sample I.D.	Sampling Date	Sampling Time	Write Analysis(es) Requested: CO	CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	SURFACE WATER	GROUND WATER	WASTE WATER	DRINKING WATER	AIR-STACK	AIR-AMBIENT	WEMI/ IAQ	OTHERS (specify)	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
		A1 - STB2022 - 001	09 Nov22	1000H	X							X				E		B		
		A2 - STB2022 - 002	11 Nov22	0900H	X							X				E		B		

A22211396

• TAT starts 8 A.M. the following day if sample received beyond 12 noon at the laboratory.

TAT: A= Overnight <24 hrs. B= Emergency Next Workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter J=Jar B=Tedlar G=Glass P=Plastic C=Canister M=Metal FP=Filter ST=Sorbent Tube

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=<6°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: WHITE with report, YELLOW to folder, PINK to submitter

ANNEX F

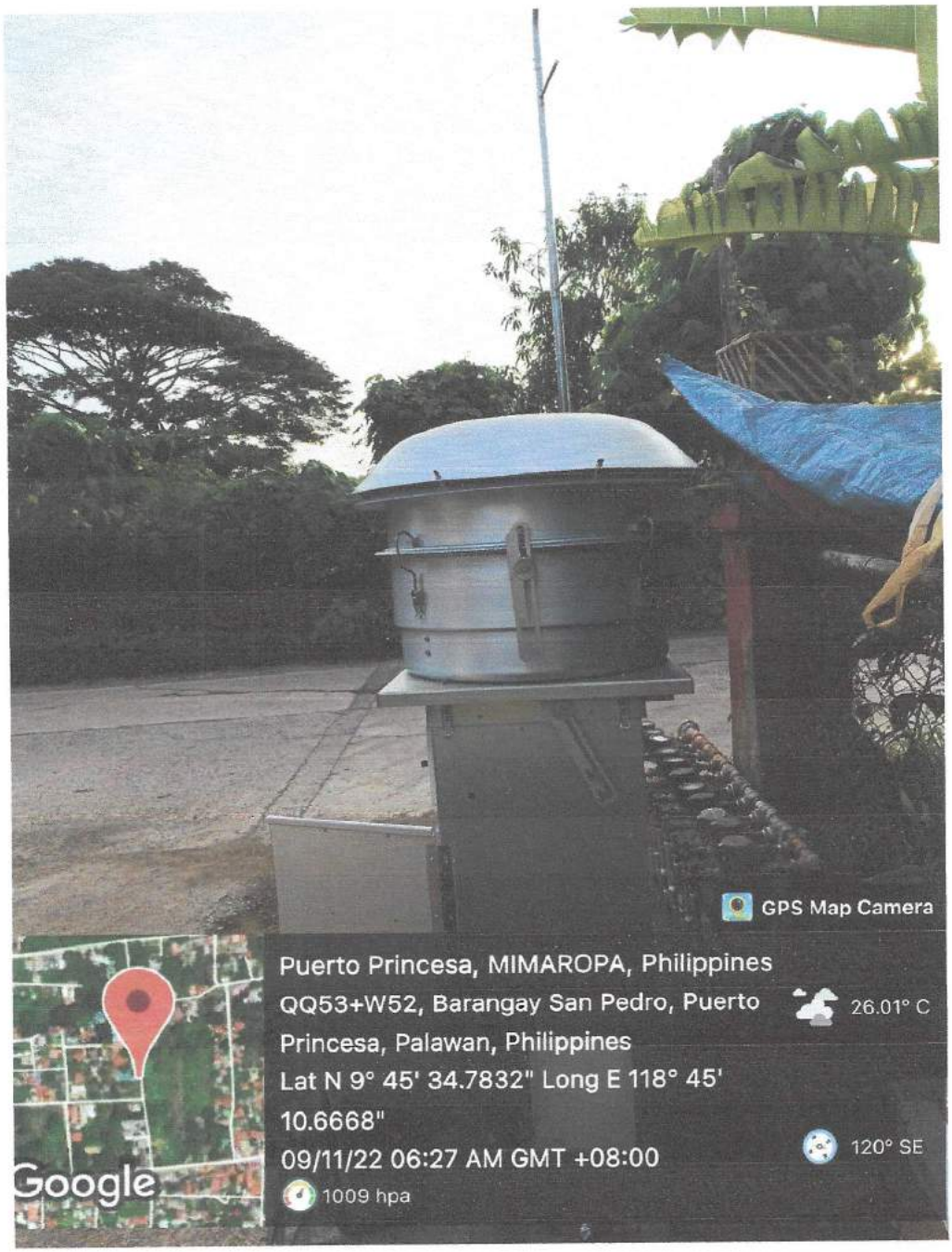
AMBIENT MONITORING STATIONS

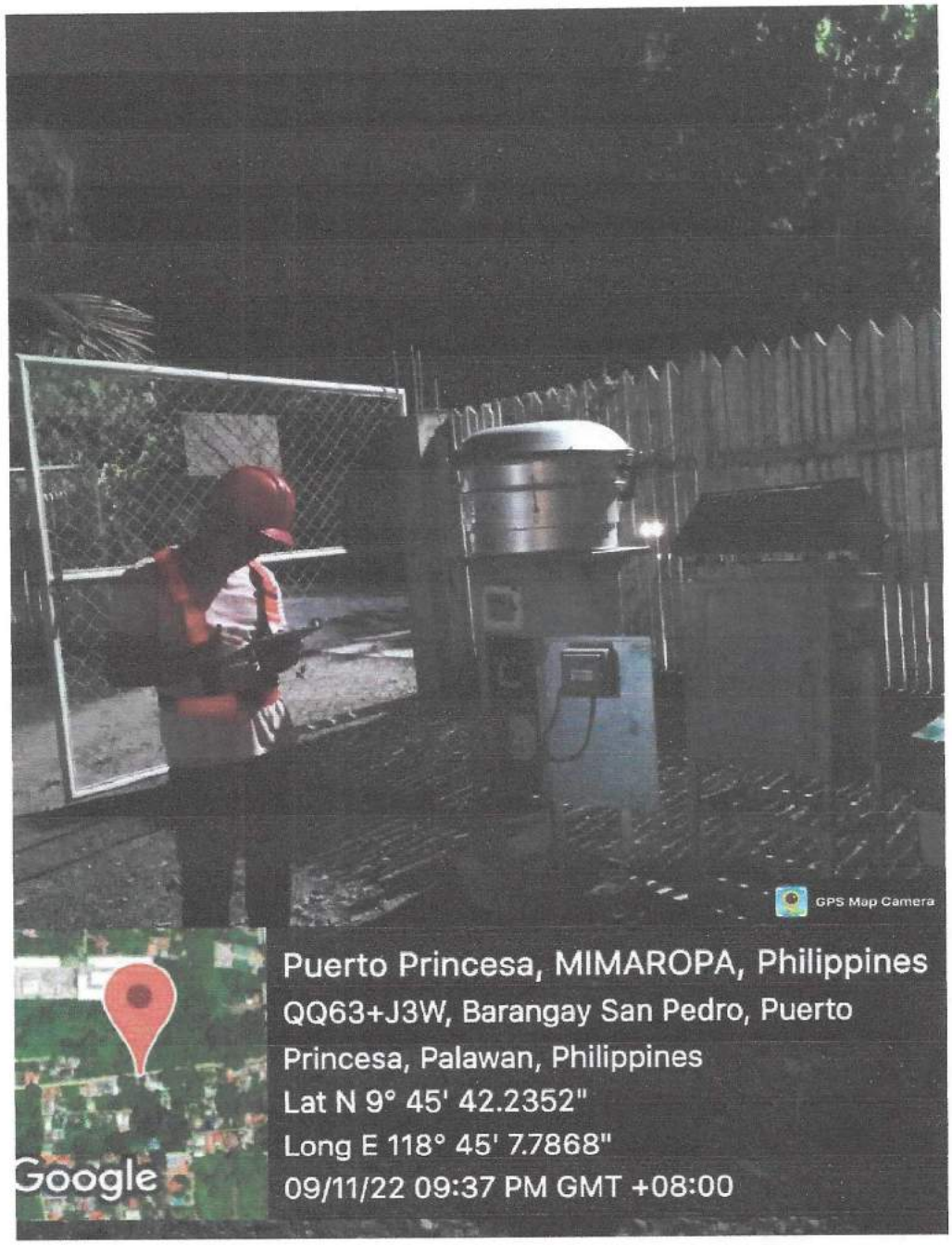

Welcome to.....
on its
Face to Fa
Classe
GPS Map Camera
Puerto Princesa, MIMAROPA, Philippines
QQ53+W52, Barangay San Pedro, Puerto Princesa, Palawan, Philippines
Lat N 9° 45' 34.8624" Long E 118° 45' 10.6524"
08/11/22 06:32 AM GMT +08:00
25.44° C
142° SE
1012 hpa
Google


GPS Map Camera
Puerto Princesa, MIMAROPA, Philippines
QQ63+J3W, Barangay San Pedro, Puerto Princesa, Palawan, Philippines
Lat N 9° 45' 42.2244" Long E 118° 45' 7.7112"
10/11/22 09:09 AM GMT +08:00
27.99° C
255° W
1012 hpa
Google


EXIT
GPS Map Camera
Puerto Princesa, MIMAROPA, Philippines
QQ63+J3W, Barangay San Pedro, Puerto Princesa, Palawan, Philippines
Lat N 9° 45' 42.3684" Long E 118° 45' 7.9812"
10/11/22 09:10 AM GMT +08:00
1012 hpa
27.99° C
216° SW
Google




GPS Map Camera
Puerto Princesa, MIMAROPA, Philippines
QQ53+W52, Barangay San Pedro, Puerto Princesa, Palawan, Philippines
Lat N 9° 45' 34.7832" Long E 118° 45' 10.6668"
09/11/22 06:27 AM GMT +08:00
1009 hpa
26.01° C
120° SE
Google


GPS Map Camera
Puerto Princesa, MIMAROPA, Philippines
QQ63+J3W, Barangay San Pedro, Puerto Princesa, Palawan, Philippines
Lat N 9° 45' 42.2352"
Long E 118° 45' 7.7868"
09/11/22 09:37 PM GMT +08:00
Google

ANNEX G

EQUIPMENT CALIBRATION

ARTECH Scientific Trading Company
Metrology Laboratory

B2 L10, Aldea Real, Filinvest Technology Park,
Bgy. Punta, Calamba, Laguna 4027 Philippines
(+63) 922 820 3006 | (+63) 908 866 2820
metrology@artechscientific.com.ph

Calibration Certificate 2489

Client:	**F.A.S.T. LABORATORIES**	**Address:**	**Km. 54 Brgy. Makiling, Calamba City, Laguna**
Measurand:	Barometer	Date Received:	September 30, 2022
Identification:	AQM2022-116	Date Calibrated:	October 3, 2022
Make/ Model:	Sunroad / FR510	Calibration Site:	ASTC Metrology Laboratory
Range/ Capacity:	-20 to 60 °C / 20 to 95 %RH / 300 to 110 hPa	Next Calibration:	October 2, 2023
Resolution:	0.1 °C / 1 %RH / 1 hPa		

Method and Results

Direct Comparison. All temperatures indicated are defined by the International Temperature Scale of 1990. Actual temperature is 29.4 ± 0.1 °C. Relative Humidity is 58.5 ± 0.1 %RH.

Temperature, °C	Mean Standard, °C	Mean UUT, °C	Correction, °C
25	24.7	25	-0.3
35	34.5	35	-0.5
Relative Humidity, %	**Mean Standard, %RH**	**Mean UUT, %RH**	**Correction, %RH**
40	42.5	67	-24.5
60	62.0	79	-17.0
Barometric Pressure, hPa	**Mean Standard, hPa**	**Mean UUT, hPa**	**Correction, hPa**
995.2	993.4	996	-2.6

Statement of Uncertainty

The uncertainty value associated with the measurements above is ± 0.2 °C / 2 %RH / 2 hPa, obtained by multiplying the standard uncertainty by the coverage factor k = 2 at 95.45% confidence level, in accordance with EA-4/02 M:2013 Evaluation of the Uncertainty of Measurement in Calibration.

Traceability

ASTC-213 Temperature and Humidity Data Logger Testo 174H S/N 36982655 Cert. No. 2022SMCS17060. Traceable to the SI units thru Southern Metrology.

ASTC-156 Scientific Ambient Monitor Testo 622 ID 39508599/509, Cert. No. PICL2021-03-237, Traceable to the SI units as maintained by Burns Engineering thru DOST-PAGASA.

Remarks

A positive correction is to be added to the actual reading while a negative correction is to be subtracted to give the true measurement. The results were obtained at the time and location of calibration and refer only to the unit under test (UUT) received. The UUT was received in good condition prior to calibration; no adjustments have been done. Some factors may cause the instrument to drift out of calibration before the next calibration date as determined by the user's calibration program. The user should determine the suitability of the instrument for its intended use.

Calibrated by

Mark Anthony C. Esplana
Senior Metrology Technician

Reviewed by

Merry Rose C. Torreliza
Technical Head

JCG INDUSTRIAL TECHNOLOGIES

"Engineering Services and Supply of Environmental Equipment"

HIGH VOLUME SAMPLER CALIBRATION
STAPLEX TF1A-2
CERTIFICATE NUMBER: 062322-02

AQM2018-079

GENERAL DATA

Client: FAST LABORATORIES
Calibration Site : JCG WORKROOM
Calibration Date / Time : 23-Jun-22 1330H
Calibrated By : Francis John G. Hernandez

SAMPLER DATA

Sampler Brand / Model : Staplex TF1A-2
Sampler Serial No. : 25377T
Sampler ID No. : AQM2018-079

CALIBRATOR DATA

Calbrator Brand / Model : TISCH TE-5025A
Calbrator Serial No. : 3361
No. of Plates / Trials : 3
Calibrator Slope, m_1 : 2.05652 (Based on Qstd)
Calibrator Intercept, b_1 : -0.03425 (Based on Qstd)
Correlation Coeff., r_1 : 0.99991 (Based on Qstd)

CALIBRATION RUN

Actual Temp. & Pressure : 30.8 deg C, 29.68 in Hg
303.96 deg K, 753.872 mm Hg

Reference Temp. & Pressure : 298 deg K, 760 mm Hg

Plate No.	Flow Meter Rdg., I		Manometer Reading, DH		True Air Flow	
Run No.	I, Actual	I, Corrected	DH Actual, in H_2O	Corrected	Qstd, m^3/min	Qstd,cfm
#10	1.40	1.38	7.2	2.65	1.303	45.99
#7	1.20	1.18	4.8	2.16	1.067	37.66
#5	1.00	0.99	3.2	1.76	0.874	30.86

RESULTS OF LINEAR REGRESSION

Correlation Coeff., r_2 : 0.9983
Sampler Intercept, b_2 : 0.1919
Sampler Slope, m_2 : 0.9166
Remarks : Passed !!

SAMPLER OPERATIONAL FLOW RATE

Flowmeter Reading at Clean Filter, I : 0.8
Qstd at Clean Filter : 0.651 scmm

FOR SUBSEQUENT FLOW CALCULATIONS, USE

$$Qstd = \frac{1}{0.9166}\left(I_3 - 0.1919\right) : scmm$$

Qstd = Sample flowrate at standard conditions, in scmm
0.9166 = m_2, the slope of sampler calibration
0.1919 = b_2, the intercept of sampler calibration
I_3 = Corrected flow meter reading during sampling
I_3 = I x sqrt((P_3 / Pstd) x (Tstd / T_3)) ; I is flowmeter rdg.

NOTES !!!!

*** The sampler should be calibrated (1) upon installation; (2) after replacement of motor, brush or flowmeter; or (3) every 360 hrs sampling run, whichever of these comes first.

*** Sampler intercept b_2, slope m_2 and correlation coefficient r_2 is determined from least-squares linear regression method from the graph of Qstd cfm (x-axis) versus corrected flowmeter reading I (y-axis). The resulting r value should be greater than 0.99.

Calibrated By :

Francis John G. Hernandez
Sampling Leader

Noted By:

Joey C. Garinggan
Operations Manager

2F JCG Building B29 L43-45, Central Phase 3, M.V. Villar Avenue, Camella Subdivision, Springville, Molino III, Bacoor, Cavite, Philippines 4102
Tel: 046-434-6916 / 046-540-2098

MICROPRECISION CALIBRATION INC.
BLOCK 2 LOT 6 CALAMBA PREMIERE INTERNATIONAL PARK
BATINO, CALAMBA CITY, LAGUNA PHILIPPINES 4027
63495023015

ACCREDITED ISO/IEC 17025 CALIBRATION LABORATORY AC-1969.23

Certificate of Calibration

Date: Dec 1, 2021 **Cert No. 551220084689497**

Customer:

F.A.S.T. LABORATORIES
KM. 54 BRGY. MAKILING
CALAMBA CITY LAGUNA PHILIPPINES

MPC Control #:	M419010
Asset ID:	AQM2016-045
Gage Type:	FLOWMETER
Manufacturer:	NONE
Model Number:	FR4A40BNBN-NL
Temp/RH:	20.9°C / 42.0%
Location:	Calibration performed at MPC facility

Work Order #:	PH-WO-1082405574
Received Date:	Nov 29, 2021
Serial Number:	M419010
Department:	NONE
Performed By:	EMMANUEL C. BARBOSA
Received Condition:	IN TOLERANCE
Returned Condition:	IN TOLERANCE
Cal. Date:	December 01, 2021
Cal. Interval:	12 MONTHS
Cal. Due Date:	December 01, 2022

Calibration Notes:

See attached 1 page of calibration data.

Standards Used to Calibrate Equipment

I.D.	Description.	Model	Serial	Manufacturer	Cal. Due Date	Traceability #
CE8805	FLOW CALIBRATOR	DC-1B W/DC-1HC	2514 / H1271	BIOS INTERNATIONAL	Sep 4, 2023	551220084514621

Procedures Used in this Event

Procedure Name	Description
MPC-AIR-001	Air Velocity, Temperature and Flow Meters, General, rev02, Jun-28-2021

Calibrating Technician: EMMANUEL C. BARBOSA

QC Approval: JOHN MICHAEL B. BANGAYAN

STATEMENTS OF PASS OR FAIL CONFORMANCE: The uncertainty of measurement has been taken into account when determining compliance with specification. All measurements and test results guard banded to ensure the probability of false-accept does not exceed 2% in compliance with ANSI/NCSL Z540.3-2006 and in case without guard banded the probability of false-accept depending on test uncertainty ratio.

THE CALIBRATION REPORT STATUS:
PASS- Term used when compliance statement is given, and the measurement result is PASS.
PASS* - Term used when compliance statement is given, and the measurement result is conditional passed or PASS*.
FAIL- Term used when compliance statement is given, and the measurement result is FAIL.
FAIL* - Term used when compliance statement is given, and the measurement result is conditional failed or FAIL*.
REPORT OF VALUE - Term used when reported measurement is not requiring compliance statement in report.
ADJUSTED- When adjustments are made to an instrument which changes the value of measurement from what was measured as found to new value as left.
LIMITED - When an instrument fails calibration but is still functional in a limited manner.

The expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%, unless otherwise stated.
This calibration report complies with ISO/IEC 17025:2017, ANSI/NCSL Z540.3-2006 and ANSI/NCSL Z540.1-1994. Calibration cycles and resulting due dates were submitted/approved by the customer. Any number of factors may cause an instrument to drift out of tolerance before the next scheduled calibration. Recalibration cycles should be based on frequency of use, environmental conditions and customer's established systematic accuracy. All standards are traceable to SI through the National Institute of Standards and Technology (NIST) and/or recognized national or international standards laboratories. Services rendered include proper manufacturer's service instruction and are warranted for no less than thirty (30) days. The information on this report pertains only to the instrument identified. this may not be reproduced in part or in a whole without the prior written approval of the issuing MP Calibration Laboratory.

ASTC - Metrology Laboratory
You have a choice!
B2 L10 Aldea Real, Filinvest Technology Park,
Bgy. Punta, Calamba, Laguna 4027
(049) 576 6745 | (+63) 922 820 3006
admin@artechscientific.com.ph
jeppe.gernale@artechscientific.com.ph

CALIBRATION CERTIFICATE

JO21-12-2981SD1-FAST

Customer : F.A.S.T. LABORATORIES

Address : Km. 54 Brgy. Makiling, Calamba City, Laguna

MEASURAND INFORMATION

Type	: SOUND METER	Date Received	: 14-Dec-2021
Make/ Model	: TES / 1350A	Date Calibrated	: 15-Dec-2021
Identification	: AQM2010-008	Calibration Site	: ASTC METROLOGY LABORATORY
Range/ Capacity	: 35 to 130 dB		
Resolution	: 0.1 dB		

CALIBRATION RESULTS

Calibration Method : Direct comparison method against a certified reference soundmeter traceable to the SI units. The UUT (Unit Under Test) readings below are average of three (3) measurements.

Room Temperature : 27.65 +/- 3.0°C Relative Humidity: 51.5 +/- 5%

Set Point, dB	Standard Reading, dB	UUT Reading, dB	Correction, ± dB
94	94.5	94.8	-0.3
104	104.5	104.9	-0.4

STANDARDS AND EQUIPMENT

Standard	Make / Model / Identification	Certificate No.	Traceability
Air Velocity Meter/ Anemometer	Professional Instruments 0120MET00190 ASTC-254	0121MET00009_rev1	Traceable to the SI units as maintained by NIST Thailand thru Techmaster Asia Thailand and Premier Physic Metrologie, Phils.

Remarks:

1 The above results were obtained at the time of calibration and refer only to the test item received. No adjustments have been done on the unit under test.

2 The unit under test was received in good condition prior to calibration.

3 A positive correction is to be added to the actual instrument reading while a negative correction is to be subtracted to give the true measurement.

4 Some factors may cause the instrument to drift out of calibration before the recommended interval has expired.

5 The user should determine the suitability of the instrument for its intended use.

6 The recommended next calibration due date is on December 14 2022.

Calibrated by:

Marco G. Suarez

Noted:

Juan Pablo G. Gernale
Technical Head

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6.11. Duly accomplished Project Environmental Monitoring & Audit Prioritization Scheme (PEMAPS) Questionnaire

PROJECT ENVIRONMENTAL MONITORING AND AUDIT PRIORITIZATION SCHEME (PEMAPS) QUESTIONNAIRE

Project Name	:	Casa Mira Towers Palawan
Project Location	:	**Barangay San Pedro, Puerto Princesa Palawan**
Proponent	:	**Cebu Landmasters, Inc.**
Pollution Control Officer	:	
Tel. No./Fax No./Email	:	
Project Type	:	Non- Environmentally Critical Project (Non-ECP) by EMB Memorandum Circular No. 2014-005 (July 7, 2014) – Guidelines for Coverage Screening and Standardized Requirements under the Philippine EIS System, Amending Relevant Portions of MC 2007-002 Under Heading 3- Infrastructure Projects Heading 3.6 Buildings Including Housing, Storage Facilities, and Other Structures Classified as Commercial with residential units (mixed Use) under 3.6.1 or Office and Residential Building under 3.6.2
Project Status	:	ECC Application (non-ECP)

I. PROJECT CONSIDERATIONS

Size and Type

Size based on number of employees

Specify number of employees:	Up to 300 personnel during construction and 4 during operations

Type

ECP	
Non-ECP but in ECA	√
Non-ECP and Non-ECA	

Waste Generation and Management

Enumerate Waste Type and Specify Quantity of Wastes generated in your facility. (Identify /Enumerate)

Category	Waste	Type		Quantity
		Hazardous	Non-Hazardous	
Air	TSP		⁄	May be substantial due to construction

	NOx		⁄	Fugitive from equipment and from vehicles
	SOx		⁄	Fugitive from equipment and from vehicles
Liquid	BOD		⁄	About 30 cubic meters of domestic wastewater per day due to domestic use of 300 construction workers
	TSS		⁄	
	Oil and Grease		⁄	
	Fecal Coliform		⁄	
Solid	List of SW and HW			none

Pollution Control System (PCS)
Enumerate PCS or Waste Management Method Used in your facility.
(Identify /Enumerate) **(all not applicable)**

5.1. Category	**PCS/Waste Management Method Used**	5.2. Remarks
Air	PCS 1	
	PCS 2	
	PCS N	
Liquid	Primary	
	Secondary	
	Tertiary	
Solid		

II. PATHWAYS

Prevailing wind towards barrio or city? (mark the corresponding point) Yes _√___ No ____

Rainfall (impacts surface & groundwater pathways)
Average annual net rainfall:
Specify amount: 1527.3 mm

Maximum 24-hour rainfall:
Specify amount: 269.3 mm

Terrain (select one and mark) Flat _✓___ Steep ____ (moderately rolling hills

Is the facility located in a flood-prone area? (select one and mark) Yes ____ No _√___ (situated in a relatively higher altitude area)

Ground Water

Depth of groundwater table (meter)	(select one and mark)
0 to less than 3	
3 to 10	
Greater than 10	√

III. RECEIVING MEDIA/RECEPTORS

Air (Distance to nearest community)	(select one and mark)
0 to less than 0.5 km	√
0.5 to 1 km	
Greater than 1 km	

Receiving Surface Water Body

Distance to receiving surface water: (select one and mark) (Balintawak River passes the property)	
0 to less than 0.5 km	√
0.5 to 1 km	
Greater than 1 km	

Size of population using receiving surface water

Specify number:	About 310,000

Fresh Water

Classification of fresh water	(select one and mark) None nearby
AA	
A	
B	
C	
D	

Size of fresh water body

Specify size:	

Economic value of water use (may select more than one of the criteria below)

Drinking	√
Domestic	√
Recreational	√
Fishery	√
Industrial	
Agricultural	√

Salt water

Classification of salt water	(select one and mark)
SA	
SB	√
SC	
SD	

Economic value of water use (may select more than one of the criteria below)

Fishery	√
Tourist zone or park	√
Recreational	√
Industrial	

Ground Water

Distance to nearest recharge area (select one and mark) (groundwater resources are too low)

0 to less than 0.5 km	
0.5 to 1 km	
Greater than 1 km	√

Distance to nearest well used (select one and mark)

0 to less than 0.5 km	
0.5 to 1 km	
Greater than 1 km	√

Groundwater use within the nearest well

(may select more than one of the criteria below)

Drinking	√
Industrial	
Agricultural	√

Land

Indicate current/actual land uses within 0.5 km radius:

(may select more than one of the criteria below)

Residential	√
Commercial/Institutional	√
Industrial	
Agricultural/Recreational/Grassland	
Protected Area	√

Potential/proposed land uses within 0.5 km

(may select more than one of the criteria below)

Residential	√
Commercial/Institutional	√
Industrial	
Agricultural/Recreational/Grassland	
Protected Area	√

Number of affected Environmentally Critical Areas within 1 km:

Specify number:	Entire Palawan is protected

Distance to nearest ECA (select one and mark) Entire Palawan

0 to less than 0.5km	√
0.5 to 1 km	
Greater than 1 km	

IV. ENVIRONMENTAL PERFORMANCE

Compliance (pls. take note that this will be double-checked with PCD files)

Law	Violation (check if any)	Type (pls. specify number of times committed)				Type of Admin Violation	Additional Remarks/Status of Compliance
		STANDARD					
		Emission/Effluent/ Discharge	Ambient	Human Impact	Admin/ ECC		
RA 8749							
RA 9275							
RA 6969							
PD 1586							
RA 9003							

Number of Valid Complaints
Citizen and NGOs
Specify number: _____
Others (other Govt. Agencies, Private Institutions)
Specify number: _____

(To be filled up by EMB Personnel)

RECOMMENDATION/S:

_____
_____
_____

Assessed By: _____

Noted By: _____

6.12. Technical Scoping Checklist

ECC APPLICATION SCREENING FORM FOR OFFICE AND RESIDENTIAL BUILDINGS PROJECTS
(For all Office and Residential Building Projects which requires an EIS)

Control No: _____
☐ 1st ☐ 2nd ☐ 3rd ____th Screening

Date Submitted for Screening:_____

Form of Submission:____Hard ✓Digital
Project Title: ***CASA MIRA TOWERS PALAWAN***
Project Location: ***Brgy San Pedro, Puerto Princesa City, Palawan***

Project Proponent: ***CEBU LANDMASTERS, INC***
Address: ***10th Floor Park Centrale, I.T. Park, Apas, Cebu City***

Contact Person: ***RONALD L. SABINAY***
Contact No: ***09176394238*** Fax No:
Email: ronald_sabinay@cebulandmasters.com

EIS Consultant: ***Environmental Counselors, Inc. (ECI)***
Address: Unit E, 9th Floor, Strata 100 Bldg., F. Ortigas, Jr. Ave., Ortigas Center, Pasig City

Contact Person:

- Engr. Aldwin A. Camance (EIA Team Leader);
-

Contact No: ***(02) 637-6626 to 27***
Email: ecisouth@gmail.com; aldwin.camance@gmail.com

Project Classification & Type: **Office and Residential Buildings Project**
Project Classification Code ***(Refer to DENR MC 2014-005)***: ***Group B. Non-ECP 3.6.2***
Project Size based on Classification: ***Revised Guidelines for Coverage Screening and Standardized Requirements under PEISS DENR MC_2014-005, the project falls under Group B. Non-ECP 3.6.2 Office and Residential Buildings Project with ≥ 5 Hectares gross area.***

Checklist of Documentary Requirements

	Acceptable?		Screening Officers' Remarks
	Yes	**No**	
• Environmental Impact Statement (EIS)[1]			Required
• Proof of Compatibility with the existing Land Use Plan			Zoning Clearance from CPDO.
• Proof of Authority over the Project Site			Land Title (TCT) - (CTC issued by the ROD)
• Accountability Statements of Preparers & Proponent (see Annexes 2-21 & 2-22 of RevisedProcedural Manual for DAO 2003-30)			Signed and notarized by the Proponent and the Preparer.
• Photographs or plates of the project site, impact areas and affected areas and communities			Geo-tagged Photographs (N,S,E,W) or a clear presentation in the Google Map
• Duly Accomplished Project Environmental Monitoring & Audit Prioritization Scheme (PEMAPS) Questionnaire (see Annex 2-7d of Revised Procedural Manual for DAO 2003-30)			Signed and notarized by the Proponent.
• PCSD Strategic Environmental Plan (SEP)			Required

[1] *Please refer to attached checklist of EIS Contents*

ECC APPLICATION SCREENING FORM FOR OFFICE AND RESIDENTIAL BUILDINGS PROJECTS
(For all Office and Residential Building Projects which requires an EIS)

Control No: _____
☐ 1st ☐ 2nd ☐ 3rd ____th Screening

O.R. # _____
Date _____

NOTED
BY:

For. Oliver C. Barrientos
Screening Officer

EnP. Nicole Yuri Dorado
OIC, Clearance and Permitting Divisionand concurrent OIC, EIA Section

EMB Regional Office
Screening Office

Date: **November 16, 2022**

ECC APPLICATION SCREENING FORM FOR OFFICE AND RESIDENTIAL BUILDINGS PROJECTS
(For all Office and Residential Building Projects which requires an EIS)

Control No: _____
☐ 1st ☐ 2nd ☐ 3rd _____th Screening

Checklist of EIS Contents

Executive Summary (maximum of 5 pages)

Contents	Page #	Acceptable?	REMARKS
Project Fact Sheet PD Summary (1 page)			Included.
Process Documentation of the conduct of EIA (1 page) *(EIA Team, EIA Study Schedule& Area, EIA Methodology, Public Participation)*			Detailed discussion.
Summary of Baseline Characterization Key Environmental Impacts and Management & Monitoring Plan and EMF & EGF Commitments.			Tabular Presentation / Matrix Presentation; Focus on the highlighted significant impact (Noise, Traffic, water supply, etc.)

I. Project Description

Items to be Described	Specific Data Requirement	Page #	Acceptable?	REMARKS
1) Project Location and Area	a) Map showing sitio, barangay, municipality/city, province, region boundaries, vicinity, proposed buffers surrounding the area and Primary & secondary impact areas			Included; Presentation of the N,E,W,S of the project.
	b) Geographic coordinates (shape file data) of project area (useWGS 84 datum - GPS setting)			Based on the site dev. Identify primary and secondary impact area.
	c) Rationale for selection primary & secondary impact areas			Included.
	d) Discuss the accessibility of the project site/area			Included. Most accessible route to the project site
2) Project Rationale	• Cite and focus on the need for the project based on national and regional/local economic development in terms of contribution to sustainable development agenda or current development thrusts. • Describe the justification for the Project with particular reference made to the economic and social benefits, including employment and associate economic development, which the project may provide. The status of the project should be discussed in a regional and national context.			Included. Should answer the fundamental question why the casa mira in puero princesa?

3) Project Alternatives	a) Cite criteria used in determining preliminary options for facility siting, development design, process/technology selection, resource utilization including discussion of the consequences of not proceeding with the project: • Contextualize site selection in terms of vulnerability/susceptibility to Liquefaction, Ground Shaking, Ground Rupture, Earthquake induced Landslides, Volcanic eruptions, rain-induced landslide, storm surge, tsunami, and flooding as well as extreme climatologic conditions (data can be obtained from NDRRMC and NAMRIA as well as mandated agencies) • Discuss the alternatives (type and location) considered and nominated during the course of selecting the best option for which the EIS is prepared; • Description of the bases upon which the alternatives were rejected in favor of the preferred option; • Description of the significant differences in environmental impacts among the alternatives considered. Siting: Alternative project locations including factors significant to the selection such as perception of affected communities with regards to project, ancestral domain issues, land classification, etc. Discuss other options on the siting of major components of the project within the project area. Discuss alternative location of access roads in case the preferred locations of the various components are found environmentally not feasible. Technology Selection/Operation Processes: Discuss project's advantage over alternative technologies, operation processes and engineering design Discuss alternative measures for the prevention of the occurrence of major impacts Resources: Discuss the alternatives considered in the course of selecting the resource to be tapped for power generation and how the decisions were made in favor of the preferred resource. Discuss the sustainability of the raw materials to be tapped and transportation plan of raw materials. All construction materials should be sourced out from legitimate sources (properly permitted by the PMRB and or the MGB).			Included.

ECC APPLICATION SCREENING FORM FOR OFFICE AND RESIDENTIAL BUILDINGS PROJECTS
(For all Office and Residential Building Projects which requires an EIS)

Control No: _____
☐ 1st ☐ 2nd ☐ 3rd _____th Screening

	b) Reasons for selecting the preferred options delineated in terms of technical, commercial, social and natural environmental aspects			Provide criteria in tabular format
	c) After the determination, please indicate a summary of the comparative environmental impacts of each alternative			Concluding statement*
4) Project Components	• Identification of Major components including technical details specifications, capacity, number (e.g gross floor area of each building and other built-up structures). What are the other components? (e.g common areas such as walk way, parking, etc.)			Indicate major and support components (tabular form/Matrix). Include corresponding footprint of the components. How many buildings in different phases, in tabular format
	• Identification of other Support Facilities (i.e. energy/power source, water supply system); Both for operation and construction phases. • Identification of the location of the laydown of construction materials.			Included.
	• Identification of Pollution control devices and corresponding facility being served or connected Identification of waste management facilities and devices to address solid waste materials (domestic and hazardous and chemicals) air emissions, solid waste disposal, and wastewater			Included.
	• General layout of facilities; or Site development plan; drainage plan; road networks within the property (Commercial Operation) • Footprint of proposed layout of project facilities (if any) • Maps should be provided showing the precise location of the project area, and in particular, the location and boundaries of project area, location and footprint of project components, and location of all proposed buffers. • When applicable contextualize using the PAG-ASA 2036 and 2064 projected rainfall/temperature data.			Included. Use government maps.
5) Process/ Technology	**Method / Technology for:** Indicative process flow-sheets showing material balances for the processing plant, and the anticipated rates of inputs, along with similar data on products, wastes and recycle streams			Included. Described the construction method or sequence of the activity (matrix).
	Power & water supply system			Included. In the context of the project activity (construction, demobilization, and operation)
	• Waste Management Systems (STP, water recycling facility, etc.) • When applicable, consider the PAG-ASA 2036 and 2065 projected rainfall data.			Included. In the context of the project activity (construction, demobilization, and operation)
6) Project Size				
	Total Project Area in sqm. or hectares			Included. Both in hectares and square meters.

7) Development Plan, Description of Project Phasesand Corresponding Timeframes	Phases to be described in terms identifying specific activities (w/ special attention on those with significant environmental impacts as well as climate change adaptation options relevantto the project and project activities) and corresponding projected implementation timeframes: • ***Pre-construction*** (e.g. planning, acquisition of rights to use land, etc.) • ***Construction*** (e.g. land/site clearing, temporary housing, transport of materials, health and other services for the workforce) • ***Operation*** (projected period of start-up/commissioning/full operation of various project components) include discussion on the operation of various components (as identified above) in terms of material/product handling, infrastructure requirements (transport—road/rail/ship, energy, water supply and storage, storm water drainage, sewerage,telecommunications, accommodation and other			Included.

	infrastructure), waste management (character and quantities of waste materials, air emissions, Solid waste disposal, wastewater) • ***Abandonment*** Final Rehabilitation/ Decommissioning Plan, to include Land/soil restoration and procedures & projected schedule. The land use suitability of the various land disturbance types should also be described. The proposed decommissioning plan in terms of the following: • Procedures for the decommissioning of the projectcomponents; • Transport/disposal of equipment and other materials used inthe plant's operation; • Alternatives for the future use of abandoned area; • Consistency with long term zoning and land usedevelopment plan of the municipality; • Rehabilitation plans, if any			***Discuss and focus on the Demobilization of the contractors uponcompletion of the construction phase.***
8) Manpower	Tabulate the following per project phase: • manpower requirements; • expertise/skills needed; • nature & estimated number of jobs available for men, women, and indigenous peoples (if sited in IP ancestralland); preferred scheme for sourcing locally from host and neighboring LGUs			Link with the gender development, equal opportunities, among others.
9) Indicative Project Investment Cost (Philippine Peso)				Included.

General Contents	Specific Content Requirement	Page #	Acceptable?	REMARKS
II. Key Environmental Impacts and Management/Monitoring Plan	See attached checklist of contents When applicable include appropriate climate change adaptation measures/options (embedded in each sector).			Included.
III. Impact Management Plan	Limit to most significant impacts per project phase and per environmental component arising from key environmental aspects (See Annex 2-17 of RPM for DAO 2003-30)			Included.
IV. Social Development Framework (SDP) and IEC Framework	SDP • Community development or livelihood programs/activities, projected beneficiaries, partner institutions, timeframe of implementation as well as source and amount allotted per activity/component (See Annex 2-18 of RPM for DAO 2003-30)			Included. Dependent on the context of the project.
V. Environmental Compliance Monitoring	IEC • Target sector, key messages, scheme/strategy/methods, Information medium, timelines and frequency, cost (See Annex 2-19 ofRPM for DAO 2003-30)			Included. IEC should be strong specifically during construction phase of the project. Coordinate with the BLGU or the City PESO Office.
	Self-Monitoring Plan Use Annex 2-20 of RPM for DAO 2003-30 as a template			Included.
	Environmental Guarantee Fund Commitments • Present a proposed amount of EGF and the basis forthe estimate following the guidelines in annex 3-6 of RPM for DAO 2003-30			Co-terminus with the construction of the project
VI. Emergency Response Policy and Generic Guidelines	The safety policy and generic guidelines should be consistent with the regulatory requirements. Emergency Preparedness should also consider natural hazards to the infrastructures and facilities.			Included. ERA: Safety based, protection of the workers with respect to construction, and protection of the guest. CMP (Construction Management Program); or create an agreement with the nearest

				Hospital

ECC APPLICATION SCREENING FORM FOR OFFICE AND RESIDENTIAL BUILDINGS PROJECTS
(For all Office and Residential Building Projects which requires an EIS)

Control No: _____
☐ 1st ☐ 2nd ☐ 3rd _____th Screening

General Contents	Specific Content Requirement	Page #	Acceptable?	REMARKS
VII. Abandonment /Decommissioning /Rehabilitation Policy and	Statement on Proponent's policies and generic procedures for Rehabilitation/ Decommissioning/Abandonment to be submitted as post-ECC, within a timeframe specified in the ECC.			Focus on the contractor demobilization plan.
VIII. Institutional Plan for EMP Implementation	Discuss the organizational scheme of the proponent including line of command and reporting procedures as well as manpower complement and relationships with other operating departments.			Included. Present two Institutional chart or Table of Organization. During construction and operation. Who will be your focal person during the construction and operation.

Checklist of EIS Contents
Key Environmental Impacts and Management/Monitoring Plan

List of Key Impacts	Baseline Data Parameter Requirements	Required Assessment Methodology/Approach	✓ **for** *completeness during procedural screening; page numbers should be provided upon submission of the EIS*								Remarks
			Baseline Conditions		Impact Analysis		Mgmt. Plan		Monitoring Plan		
During scoping: Unless otherwise specified as agreed during scoping, all items listed are required. Write specific instructions (if any) on the blanks/spaces provided			**Page**	✓	**Page**	✓	**Page**	✓	**Page**	✓	
I. Land											
1.1 Land Use and Classification		Assessment of the compatibility ofthe proposed project in relation to land use and / or the coastal resource management plan of theLGU if any.									
1.1.1 Change/Inconsistency in land use	Description & Map showing the project area inrelation to existing land use.										Use the existing land-use zoning.
1.1.2 Encroachment in EnvironmentallyCritical Areas (ECAs)	Identify ECA where the project is located or near the project area. Identify areas vulnerable/susceptible to natural hazards where the project is located or near the project area (include map/s).										
1.1.3 Possible tenurial / land issue	Identify areas under CARP or with CADC / CADT where the project is located or near the project area. Specify other conflicting tenurial / land issues (e.g. IFMA/CBFMA within COC and within MPSA, etc.)										
1.2 Geology/Geomorphology											
1.2.1 Change in surface landform/topography/ terrain/slope	Slope and Elevation/Topographic Map;										Included.
1.2.2Change in sub-surface/ underground geomorphology	Regional/General Geological Map										Included.
1.2.3 Inducement of subsidence, liquefaction, landslides, mud / debrisflow, etc.	Geological maps as needed; hazard maps (NAMRIA, NDRRMC, MGB, PHIVOLCS, PAG-ASA)	Include discussions on impacts/effects of natural hazard onthe project.									Included. Follow the HAZARD HUNTER. Incorporate the EGGAR and the Geo-tech study.
1.3 Pedology											
1.3.1 Soil erosion / Loss of topsoil/overburden	Summary of Soil Investigation Report on soil typeand quality; Erodibility potential; Bank stability;	USLE / similar modeling when applicable									Included. Where will the excavated soils will be disposed to.
1.3.2 Change in soil quality/fertility	Laboratory results on soil sample analysis for N, P,K, pH, organic matter, micronutrients	Physical analysis (water holding capacity									Included.
1.4 Terrestrial Ecology											
1.4.1 Vegetation removal and loss ofhabitat	• Flora and fauna species inventory or surveyreport; • Historical occurrences of pest infestation, forest/grass fire and/or similar incidences	Quadrat sampling for flora; Use of mist nets, traps, transect walk for fauna									Included. Conduct flora and fauna inventories.

Control No: ☐ 1st ☐2nd ☐3rd ____th Screening

List of Key Impacts	Baseline Data Parameter Requirements	Required Assessment Methodology/Approach	✓ **for** *completeness during procedural screening; page numbers should be provided upon submission of the EIS*								Remarks
			Baseline Conditions		Impact Analysis		Mgmt. Plan		Monitoring Plan		
During scoping: Unless otherwise specified as agreed during scoping, all items listed are required. Write specific instructions (if any) on the blanks/spaces provided			**Page**		**Page**		**Page**		**Page**		
1.4.2 Threat to existence and/or loss of important local species	Summary of endemicity / conservation status										Included.
1.4.3Threat to abundance, frequency and distribution of important species	• Summary of abundance, frequency and distribution • Economic importance and uses of significant floraand fauna										Included.
1.4.4 Hindrance to wildlife access	Sampling / survey map in relation to the project site										Included.
2. THE WATER											
2.1. Hydrology/Hydrogeology											
2.1.1 Change in drainage morphology / Inducement of flooding/ Reduction in stream volumetric flow	Drainage map; historical flooding/drought occurrences, stream flow measurements/estimates;Delineation of watershed /sub-watersheds/ floodplain; and identification of aquifers if any										Included. Show the available hydrogeological map from the MGB
2.1.2 Change in stream, lake water depth	Regional hydrogeological map										Included.
2.1.3 Depletion of water resources /competition in water use	Identification of current / projected water use in thearea and adjacent areas Spring and well inventory and location map; depth ofwater table ; Analysis/estimation of water availability taking into consideration the PAG-ASA 2036 and 2065 climate projections										Included. Location of the water sources. If water district, get a certification of water availability stating the quantity or water requirements of the proposed project (during construction and operation).
2.2 Oceanography											
2.2.1 Change/disruption in circulationpattern	Predicted tides; 24-hour tidal cycles; Surface current system										N/A
2.2.2 Change in bathymetry	Bathymetric map;										N/A
2.3 Water Quality											
2.3.1 degradation of groundwater quality	Physico-Chemical characterization of water: ***Use PSIC Code 37000*** ✓ pH ✓ DO ✓ Oil and grease	Use DENR standard methods and procedures for sampling and analysis. For project with coastal/marine structures and /or significant marine									Just base the discussion on the available hydrogeological map.
2.3.2 degradation of surface water quality											N/A

Control No: ☐ 1st ☐ 2nd ☐ 3rd ____th Screening

List of Key Impacts	Baseline Data Parameter Requirements	Required Assessment Methodology/Approach	✓ **for** *completeness during procedural screening; page numbers should be provided upon submission of the EIS*								Remarks
			Baseline Conditions		Impact Analysis		Mgmt. Plan		Monitoring Plan		
During scoping: Unless otherwise specified as agreed during scoping, all items listed are required. Write specific instructions (if any) on the blanks/spaces provided			**Page**		**Page**		**Page**		**Page**		
2.3.3 degradation of coastal/marine water quality	✓ TSS ✓ Fecal Coliform ✓ Ammonia ✓ Nitrate ✓ Phosphate ✓ Surfactants ✓ BOD ✓ others: _____ sampling site map	/ coastal discharges, conduct circulation / plume modeling (includeworst case scenario of failure of WWTF)									
2.4 Freshwater Ecology											
2.4.1 Threat to existence and/or lossspecies of important local and habitat	• Summary of endemicity / conservation status • Abundance of ecologically and economicallyimportant species (fishes, benthos, planktons); • Presence of pollution indicator species; sampling site map										N/A
2.5 Marine Ecology (if applicable)											
2.5.1 Threat to existence and/or loss of important local species and habitat	• Abundance/densities/distribution of ecologically and economically important species (mangroves, fishes, benthos, planktons, coral reefs, algae, seaweeds, sea grasses); • Presence of pollution indicator species; • Historical occurrences of red-tide, fish kill or any related event • marine resource map sampling site map	Quadrat, transect, line intercept, spot dive, manta tow, marine resource characterization (e.g. municipal and commercial fisheries data)									N/A
2.5.2 Threat to abundance, frequencyand distribution											N/A
3.0 THE AIR											
3.1 Meteorology/Climatology											
3.1.1 Change in the local climate e.g. local temperature	Monthly average rainfall and temperature of the area; Climatological normals/extremes; Wind rose diagrams; Frequency of Tropical cyclones	• In the assessment, consider the PAG-ASA climate change projections for 2036 and 2065.									Included.
3.1.2 Contribution in terms of greenhousegas emissions/sequestration	Data on Greenhouse gasses (i.e. carbon dioxide, methane, nitrous oxide); Calculation of projected	Discuss the project's contribution in terms of greenhouse gas emissions/									Included. Scope 1: Use of fuel;Scope 2: electricity local

List of Key Impacts	Baseline Data Parameter Requirements	Required Assessment Methodology/Approach	✓ **for** *completeness during procedural screening; page numbers should be provided upon submission of the EIS*								Remarks
			Baseline Conditions		Impact Analysis		Mgmt. Plan		Monitoring Plan		
During scoping: Unless otherwise specified as agreed during scoping, all items listed are required. Write specific instructions (if any) on the blanks/spaces provided			**Page**		**Page**		**Page**		**Page**		
	GHG emission/sequestration	sequestration (									consumption.
3.2 Air Quality (& Noise)											
3.2.1 Degradation of air quality, if with processing	characterization of ambient air quality: ✓ PM10 ✓ SOx ✓ NOx (for sampling methods refer to Clean Air Act) Sampling site map	Use DENR standard methods and procedures for sampling and analysis.									Included. Get a data from the Puerto princesa air station. If sampled, have at least 4 sampling site.
3.2.2 Increase in ambient noise level	Characterization of ambient noise level sampling site map	Use DENR standard methods and procedures for sampling and measurement. if applicable noise attenuation modeling (applicable if there is source capable of generating 200dB or more).									Included. Focus the discussion on Construction Phase.
4.0 THE PEOPLE											
4.1 Displacement of settler/s Displacement / disturbance of properties Change/conflict in land ownership Change/conflict Right of way	Demographic data of impact area: - Number of households and household size - Land area, - Population, - Population density /growth - gender and age profile, - literacy rate, profile of educational attainment,	Discuss how the project would affect existing properties in the area in terms of relocation and devaluation									Base on the socio demographic profile of the Puerto Princesa. If the data is available at the barangay level. 2020 data PSA
4.2 In-migration proliferation of informal settlers	settlements map Census of population / property that will bedisplaced / disturbed Housing ownership profile / availability of housing/ number of informal settlers	Discuss the in-migration patterns asa result of project implementation									Included.

Control No: ☐ 1st ☐ 2nd ☐ 3rd

List of Key Impacts	Baseline Data Parameter Requirements	Required Assessment Methodology/Approach	✓ **for** *completeness during procedural screening; page numbers should be provided upon submission of the EIS*								Remarks
			Baseline Conditions		Impact Analysis		Mgmt. Plan		Monitoring Plan		
During scoping: Unless otherwise specified as agreed during scoping, all items listed are required. Write specific instructions (if any) on the blanks/spaces provided			**Page**		**Page**		**Page**		**Page**		
4.3 Cultural/Lifestyle change (especiallyon Indigenous People, if there's any)	Demographic data on Indigenous People (if any) and existing Culture/Lifestyle that may be significantly affected	Discuss the impacts on IPs and Culture/Lifestyle									Included.
4.4 Threat to delivery of basic services /resource competition	Availability of public services in terms of: • Water supply • Power supply • Communications /transportation • health resources (Government and Private) • peace and order / crime • education facilities • recreational facilities / sports facilities statistical data / information related to publicservices: • literacy rate, profile of educational attainment • Morbidity and mortality rates (infants and adults - 5-year trend) • common diseases in the area including endemic diseases; • Environmental Health and Sanitation Profile; • Crime rate • Food security	Discuss how the project would affect the delivery of basic servicesand may result to resource competition in the area									Included. Discuss the effect of the project to the water pressure of the supply to the surrounding community
4.5 Threat to public health and safety		Discuss the project implementation's threat to public health vis-à-vis the baseline health conditions in the area Analysis of diseases that may be affected by climate change.									Included. Include covid19 protection program during project construction and operation.
4.6 Generation of Local Benefits from the project Enhancement of employment and livelihood opportunities Increased business opportunitiesand associated economic activities Increased revenue of LGUs	Socioeconomic data: • Main sources of Income • Employment rate/ profile • sources of livelihood • commercial establishments and activities • banking and financial institutions										Included.
4.7 Traffic congestion	Road network/ systems Existing Transportation/traffic situation	Traffic impact assessment if applicable (including capacity of road system in terms of load/count)									Included. Traffic management framework plan;

Control No: ☐ 1st ☐ 2nd ☐ 3rd ____ th Screening

List of Key Impacts	Baseline Data Parameter Requirements	Required Assessment Methodology/Approach	✓ **for** *completeness during procedural screening; page numbers should be provided upon submission of the EIS*								Remarks
			Baseline Conditions		Impact Analysis		Mgmt. Plan		Monitoring Plan		
During scoping: Unless otherwise specified as agreed during scoping, all items listed are required. Write specific instructions (if any) on the blanks/spaces provided			**Page**		**Page**		**Page**		**Page**		
											Discussion/Framework; include the transport of materials from the source to the project site.

III. Environmental Risk Assessment

Type of Risks	Scope of Assessment	Report/Output Required	✓ **for** *completeness during procedural screening; page numbers should be provided upon submission of the EIS*						REMARKS
			ERA		**ERP**		**Monitoring Plan**		
During scoping: Unless otherwise specified as agreed during scoping, all items listed are required. Write specific instructions (if any) on the blanks/spaces provided			Page		Page		Page		
Safety Risks ϒ Fire ϒ Release of toxic substances	- Identify conditions, events and circumstances which could be significant in bringing about identified safety risks - Description & assessment of the possible accident scenarios - Assessment of whether the project location is projected to have extreme climate events for 2020 &or 2050 that could contribute to the triggering identified scenarios - Description of the hazards, both immediate (acute effects) and delayed (chronic effects) for man and the environment posed by the release of toxic substance, as applicable	ERA REQUIREMENT ☐ Quantitative Risk Assessment(QRA)Specific Instructions : _____ ☑ Descriptive/Qualitative Risk AssessmentSpecific Instructions : _____ ☑ EMERGENCY PLAN : Specific Instructions : _____ ***Refer to annex 2-7e for the decision criteria the outline***							Descriptive/Qualitative RiskAssessment
☐ Physical Risks (Failure of Structure w/c could endanger life, property and/or the environment)	- Identify conditions, events and "trigger" which could be significant in bringing about identified physical risks - Description & assessment of the possible accident scenarios - Assessment of whether the project location is projected to have extreme climate events for 2036 &or 2065 that could contributeto the triggering identified scenarios - Description of the hazards both immediate (acute effects) and delayed (chronic effects) for man and the environment posed bythe failure of structure, as applicable								Included. Tie up with the construction management plan. Discussion on the prevention of the safety hazard occurrence. Use or adapt local risk management plan.

Noted By:	Signature		Signature
REVIEW COMMITTEE MEMBERS		**PROJECT PROPONENT'S REPRESENTATIVE & COSULTANT**	
1. Jose Reynato Morente(RevCom Chair)		1. Aldwin Camance (Team Leader -EIS)	
2. Engr. Buena Fe A. Rioflorido(Rreview Team)			
3. Emgr. Nnilon R. Taguilig (Chief AWMS)			
4. EnP. Nicole Yuri V. Dorado			
5. Bianca Christianne Roldan			
6. EnP. John Junico Udal			
7. For. Oliver C. Barrientos			
Resource Person			
1.			
2.			

Control No: ☐1st ☐2nd ☐3rd ____th Screening

6.13. Original Sworn Accountability Statement of the Proponent

SWORN ACCOUNTABILITY STATEMENT OF THE PROPONENT

This is to certify that all information and commitments in this Environmental Impact Statement (EIS) for the Construction and Operation of the **Casa Mira Towers Palawan** of **Cebu Landmasters, Inc.** are accurate and complete to the best of our knowledge, and that an objective and thorough assessment of the Project was undertaken in accordance with the dictates of professional and reasonable judgment. Should I/we learn of any information which would make this EIS inaccurate, I shall bring immediately bring the said information to the attention of the DENR-EMB.

I hereby certify that no DENR- EMB personnel was directly involved in the preparation of this EIS other than to provide procedural and technical advice consistent to the guidelines in the DAO 03-30 Revised Procedural Manual.

I hereby bind myself to answer any penalty that may be imposed arising from any misinterpretation or failure to state material information to this EIS.

I witness whereof, I hereby set my hand this ____ day of 09 MAY 2023 2023 at Cebu City.

ATTY. NOEL C. FELONGCO I
Senior Manager, External Affairs Department
Cebu Landmasters, Inc.

SUBSCRIBE AND SWORN TO me this ____ day of 09 MAY 2023, 2023 at Cebu City affiant exhibiting his Passport ID / SSS ID / Driver's License ID No. _____ issued at _____ on _____.

Doc. No. 105
Page No. 34
Book No. 1
Series of 2023

ATTY. EDELINE O. COSICOL
Notary Public
Notarial Commission No. 040-23, Cebu City
Valid until December 31, 2024
Roll of Attorneys No. 82445
MCLE Compliance No. VIII-0000259; issued on 08-30-2022
PTR No. 1023144 ; 12-07-2022; Cebu
IBP No. 242093 ; 12-08-2022; Cebu Chapter
19th Flr. Park Centrale Tower, J.M. Del Mar St.,
Cebu I.T. Park, Apas, Cebu City

6.14. Original Sworn Accountability Statement of Key EIS Consultants

SWORN ACCOUNTABILITY STATEMENT OF THE PREPARER

This is to certify that all information in the enclosed Environmental Impact Statement (EIS) of the construction and operation of the **Casa Mira Towers Palawan** of **Cebu Landmasters, Inc.** is accurate and complete to the best of our knowledge, and that an objective and thorough assessment of the Project was undertaken in accordance with the dictates of professional and reasonable judgment. Should we learn of any information which would make the enclosed EIS inaccurate, we shall bring said information to the attention of the Environmental Management Bureau (EMB) or the appropriate EMB Regional Office.

We hereby certify that no DENR-EMB personnel was directly involved in the preparation of this EIS other than to provide procedural and technical advice consistent with the guidelines in the DAO 03-30 Revised Procedural Manual.

We hereby bind ourselves jointly and solidarity to answer any penalty that may be imposed arising from any misrepresentation or failure to state material information in this Environmental Impact Statement.

In witness whereof, we hereby set our hands this 09 MAY 2023 day of _____ 2023 at PASIG CITY.

Name	Field of Expertise	Signature
Aldwin A. Camance	Environmental Specialist/Accredited EIA Preparer	

SUBSCRIBED AND SWORN TO before me this 09 MAY day of 2023 2023, affiant exhibiting his SSS information, as follows:

Name	SSS Information		
	ID No.	Place of Issue	Date of Issue
Aldwin A, Camance	D16-02-265692 (Driver's License)	Rizal	01/14/2022

Doc. No. 302
Page No. 62
Book No. 9
Series of 2023

ALPHA GRACE M. BONIFACIO
NOTARY PUBLIC
COMMISSION SERIAL NO. 53
UNTIL DECEMBER 31, 2024
PTR NO. 0220542/01/03/2023/PASIG CITY
ROLL NO. 69015/1977
MCLE COMPLIANCE No. VII-0023214/UNTIL 04/14/2025
TEL. NOS. 02871388337/09171280750
6D MARCELO BLDG., CARUNCHO AVE,
SAN NICOLAS, PASIG CITY

6.15. Original Sworn Accountability Statement on PEMAPS Questionnaire

SWORN ACCOUNTABILITY STATEMENT

ACCOUNTABILITY STATEMENT OF PROJECT PROPONENT

This is to certify that all information in the submitted Project Environmental Monitoring and Audit Prioritization Scheme (PEMAPS) Questionnaire of the **Casa Mira Towers Palawan** to be located in the Brgy. San Pedro, Puerto Princesa City, Palawan is true, accurate and complete. Should I learn of any information, which makes this inaccurate, I shall bring said information to the appropriate Environmental Management Bureau Regional Office.

In witness whereof, I hereby set out my hands this 09 MAY 2023 day of 2023 at Cebu City.

ATTY. NOEL C. FELONGCO I
Senior Manager, External Affairs Department
Cebu Landmasters, Inc.

SUBCRIBED AND SWORN to before me this 09 MAY 2023 day of 2023 at Cebu City. Affiant exhibiting to me his/her Passport ID / SSS ID / Driver's License ID No. _____ issued on _____.

Doc. No. 164
Page No. 35
Book No. 1
Series of 2023

ATTY. EDELINE D. COSICOL
Notary Public
Notarial Commission No. 040-23, Cebu City
Valid until December 31, 2024
Roll of Attorneys No. 62445
MCLE Compliance No. VIII-0000258, issued on 08-30-2022
PTR No. 1023144 ; 12-07-2022, Cebu
IBP No. 242093 ; 12-08-2022, Cebu Chapter
19th Flr. Park Centrale Tower, J.M. Del Mar St.,
Cebu I.T. Park, Apas, Cebu City

6.16. Copy of Perception Survey Form

PROJECT:

***Dear Respondents/Constituents**:*

This survey is intended for the proposed residential development in Brgy. San Pedro, Puerto Prinsesa City, Palawan.

This survey intends to gather onsite data objectively that are vital for all stakeholders particularly those within the immediate surrounding of the development.

We will exert our best effort to attain an impartial analysis to address issues of common interests between the stakeholders and the proponent. For this reason, we would request your time to fill out/answer select questions below. Rest assure that all information will be treated **strictly private and confidential to be used only for the purpose of the study**.

Thank you.

A. PERSONAL INFORMATION

NAME of RESPONDENT		**DATE OF SURVEY**		
PLEASE CHECK IF RESPONDENT IS THE:	**(a) Father _____ (b) Mother _____ (c) Son _____ (d) Daughter (e) OTHERS, specify _____**			
ADDRESS		**PLEASE CHECK IF ACCOMMODATION OF THE RESPONDENT IS:**		***Owner***
AGE				***Tenant***
SEX				***Informal Settler***
C. STATUS (PLS CHECK)	( ) Single ( ) Married ( ) Widower ( ) Separated ( ) Live-in			***Care taker***

OCCUPATION/SOURCE OF INCOME/

Primary Source of Income	**PLS CHECK**	SPECIFY: Designation/ Level/Kind	**Secondary Source of Income**
Public Servant (Elected)			
Government Employee			
Member of the **AFP/PNP**			
Private employee			
Self-employed			
BUSINESSMAN: Grocer, Property Mgmt, Junkshop etc.			
Sari-sari Store/Vendor			
FISHERMAN			
HOUSEWIFE			
OFW			
STILL STUDENT			
OTHERS			

B. EDUCATIONAL ATTAINMENT___ [2 of 4]

LEVEL OF EDUCATION	CHECK	COURSE/QUALIFICATION
Elementary Level		
Elementary Graduate		
High School Level		
High School Graduate		
College Level		
College Graduate		
Graduate Studies		
Vocational		
OTHERS, PLS SPECIFY		

C. HOUSEHOLD INFORMATION

a. Place of birth: _____
(Lugar pinanganak)

b. Did you live/stay in this barangay continuously? **Please check** (YES___) (NO___)
(Matagal ka na bang nanirahan sa barangay?)
(Having studied/worked somewhere and goes back or with intention to go back to the community regularly is considered a continuous stay)

c. Length of stay in the barangay: _____
(Bilang ng taon nanirahan sa barangay)

d. Number of members in the family_____
(Bilang ng miyembro sa pamilya)

e. Type of Family: ***(Uri ng pamilya***)

TYPE OF FAMILY	PLS CHECK
Nuclear Family ***(isang pamilya laman***g)	
Extended Family ***(mahigit sa isang pamilya)***	
Living Alone ***(mag-isa)***	

f. The main use and purpose of river in your family or households, please check:
(Ano ang pangunahing gamit mo ng ilog?)

Uses	Pls. Check	Comments and Why?
Quarrying		
Fishing		
Animal Bathing		
Others (specify)		

g. What effects from flooding, if any, did any of your family member experienced this year and last year?
(Anu-anong klase ng epekto ng pagbaha ng ilog na inyong naranasan noon at ngayon?)
_____, _____, _____

h. How many times did you already experience flooding in your barangay?
(Ilang beses kang naapektohan ng pagbaha?)
Year? _____

Does the barangay or municipal helped you? **Pls check** (There is ___) (None ___)

D. BARANGAY PROBLEMS **3 OF 4**

PERCEIVED PROBLEMS	ANSWER	REASONS
1. What is the most serious problem in the barangay? ***(Pangunahin suliranin sa barangay)***		
2. Please write the environmental problems you have been experiencing. ***(Suliranin pangkalikasan na nararanasan ninyo)***		
3. Please write your problems with regards to government services***. (Mga suliranin ninyo sa ser-bisyo ng pamahalaan local o nasiyonal)***		
4. Your problems about local employment***: (Mga suli-ranin sa paghahanap ng hanap-buhay)***		

E. WOMEN, YOUTH AND THE ELDERLY

PERCEIVED PROBLEMS IN THE COMMUNITY OR BARANGAY	ANSWERS	REASONS, ANSWERS & COMMENTS
1. The flooding problems and concerns of the youth***. (Mga problema sa mga kabataan)***		
2. The flooding problems of women in the community. ***[Mga problema ng mga kababaihan]***		
3. The flooding problems of the elderly: [Mga problema sa mga matatanda]		
4. What project do you think will contribute improvement in your barangay to avoid flooding? ***[Mga proyektong makakatulong sa inyong lugar]***		

F. PROJECT PERCEPTION

PERCEPTIONS	ANSWER		REASONS & SUGGESTIONS
1. **Do you have any idea about the proposed residential development in your barangay?** *(Alam mo ba ang planong paglalagay ng residential na building sa inyong barangay?)*	***PLEASE CHECK***		
	YES	**NO**	
2. Do you approve of this and why?	***PLEASE CHECK***		

(Gusto mo ba ang proyektong ito? Bakit?)	***YES***	***NO***	
3. **What do you think are benefits to your community***? (Mga mong benepisiyo na maidudulot nito sa barangay)*			
4. **What do you think are negative impacts of this development?** (Mga di kanais-nais na maidudulot nito sa barangay)			
5. From number "4" above HOW do you want it solved? *(Ano ang mga dapat gawin?)*			
6. For yourself alone, can you think of benefits it can give you and your family? *(Sa iyo lang palagay, ano ang benepisyo nito?)*			
7. Write your suggestions and recommendations about the project: *(Mga mungkahi mo sa proyektong ito)*			(Please use overleaf of this page for additional comments and recommendation)

G. OTHERS

1. **Manner/Ways of disposing your garbage**: a. ___LGU collection services; b. ___Backyard garbage pit
c. ____Burning

2**. Toilet availability**: a. ____ Owned; b. ___ Public Toilet; c. ___Share with neighbors; d. ___ NONE

3.**Type of toilet**: a. ___water-sealed with concrete septic tank; b.___ water-sealed/NOT concrete septic tank; c. ____ Open pit

H. FOR REMEDIAL MITIGATIONS, PLEASE **LIST DOWN ANY PROBLEM POSED BY PROJECTS CONSTRUCTED NEAR THE BARANGAY:**

PROBLEMS	REASONS

I. **OTHER CONCERNS**:

_____
Signature
Contact No.: _____

6.17. Geohazard Identification Report

Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU
MIMAROPA Region
7/F DENR Building, 1515 Roxas Boulevard, Ermita, Manila
Telefax No. (+632) 536-0215 / (+632) 310-1369
Email: region4b@mgb.gov.ph

June 29, 2022

MEMORANDUM

FOR : **GLENN MARCELO C. NOBLE**
Regional Director
Mines & Geosciences Bureau
Regional Office No. IV-B (MIMAROPA)

THRU : **EDWIN M. MOJARES**
Chief, Geosciences Division

FROM : **ARNOLD A. VILLANUEVA**
Supervising Geologist

ALDETH L. GARAS
Geologist

SUBJECT : ***Geohazard Identification Report (GIR) for the Site of the Proposed Casa Mira Towers Palawan Located in Barangay San Pedro , Puerto Princesa City, Palawan***

I. INTRODUCTION

The undersigned technical personnel of the Mines and Geosciences Bureau-MIMAROPA conducted a geohazard identification survey at the site of the proposed Casa Mira Towers Palawan in Puerto Princesa City, Palawan on June 07, 2022, in response to the paid request made by the project proponent, Cebu LandMasters, Inc. This undertaking is pursuant to the DENR Administrative Order 2000-28 which includes geohazard assessment as an additional requirement for ECC applications covering subdivision, housing, and other land development and infrastructure projects.

The main objective of the field survey is to identify possible geologic hazards present in the area based on different factors such as geology, site location, and tectonic setting that may affect the

property. This will provide vital geologic information before the preparation of the Geohazard Assessment Report (GAR).

The methodology used in the conduct of the survey involved a rapid examination of the geo-environmental and rock conditions of the project site as well as a review and analysis of the available geological/geohazard database of Puerto Princesa City, Palawan. Interferometric Synthetic Aperture Radar (IFSAR) Digital Elevation Model (DEM) of the area was also processed to generate slope and topographic maps using ArcGIS software.

II. PROJECT DESCRIPTION

The proposed Casa Mira Towers Palawan is a condominium complex that will be built on a 21,951 square meter plot of land in Barangay San Pedro, Puerto Princesa City, Palawan. The project will be composed of seven (7) 12-storey condominium/towers with a total of 2018 units and other amenities such as a clubhouse, swimming pool, and parking spaces. It will also involve the construction of other structures such as utility buildings, guard houses, and retail pods. Pollution control facilities (e.g., sewage treatment plant, oil-water separators, etc.) and hazard mitigation measures (e.g., drainage system, emergency plans for storm and fire hazards, etc.) are also included in the project plan. The total project investment cost is estimated at 1.7 billion pesos and the project is expected to be completed in the middle of the year 2027. *Figure 1* shows the master plan of the project area.

II. LOCATION AND ACCESSIBILITY

The project site is located near the corner of Lansanas Road and Libis C. Pastor Road at Brgy San Pedro, Puerto Princesa City, Palawan (Photo 1). The center of the proposed site is near geographical coordinates 9° 45' 50.918" north latitude and 118° 45' 06.33" east longitude. *Figure 2* is the location map of the project site.

From the National highway, the project site is easily accessible via Lanzanas Road for a distance of about 600 meters.

Puerto Princesa City, the provincial capital of Palawan, can be reached from Manila, by regular commercial plane or inter-island marine vessel. It is approximately 185 aerial kilometers southeast of Manila.

III. TOPOGRAPHY AND DRAINAGE

The project site is characterized by gentle topography (*Photos 2-3*) with an approximate elevation of about 10 meters above sea level (masl) based on the IFSAR DEM-generated slope and topographic maps as shown in *Figures 3 and 4*, respectively. The city proper of Puerto Princesa is situated within the peninsula-like landform and is bounded on the east by bodies of water, namely Puerto Princesa Bay and Honda Bay.

No perennial river or creek was observed in the project area and its immediate vicinity.

IV. GEOLOGY

Based on the available regional geologic map of Palawan province, the city proper of Puerto Princesa and its immediate vicinity is underlain by three (3) rock formations, namely: (1) Espina Basalt, (2) Iwahig Formation, and (3) Quaternary Alluvium. *Figure 5* shows the Regional Geologic Map of the portion of Puerto Princesa City.

The Espina Basalt, which is Cretaceous in age, is believed to be part of the basement rock and is exposed as a window-like-inlier in an area north of Puerto Princesa City. It consists of chert, clastic rocks, and spilitic basalt.

The Iwahig Formation is comprised of limestone and conglomerate with siltstone and sandstone interbeds. These Pliocene rocks are extensively exposed in the western and eastern parts of Puerto Princesa City. It has two members namely the Punso Conglomerate and the Panoyan Limestone.

Quaternary alluvium covers much of the relatively low-lying areas of Puerto Princesa City. It is composed of unconsolidated poorly sorted gravel, sand, pebbles, silt, and clay.

No rock exposure was observed within the proposed site. Two (2) shallow pits, about 1.0 meter in depth, were found at the site (Photos 4 and 5). These pits reveal a thick cover of calcareous soil as shown by the acid test on the soil specimen which effervesces (fizz) when applied with dilute acid. Calcareous soil is believed to be a residual soil derived from in-situ weathering of limestone belonging to the Panoyan Limestone member of Iwahig Formation (Photo 6). In addition, limestone floats were observed on the ground (Photo 7)

and others intermixed with the soil. Based on the geologic map of the area, the proposed site is underlain by Iwahig Formation.

V. GEOLOGIC HAZARDS

Below are the discussions on the degree of susceptibility of the proposed site to various geologic hazards. Geologic hazards pertain to natural disasters from natural phenomena such as earthquakes, mass wasting, etc.

1. Foundation Hazard

Ground subsidence and collapse are among the geologic hazards related to area underlain by limestone with solution opening or cavity. Subsidence is a slow lowering of the land surface, while collapse is the relatively fast opening of the land surface and movement of surface materials into cavities below.

The ground underlain by limestone rocks is naturally susceptible to dissolution by water that with time could slowly lead to the formation of dissolution cavities. The ground surface above these features may gradually experience local subsidence that in time may eventually affect the integrity of the structures especially high-rise buildings constructed above this ground.

The ground collapse that produces a sinkhole can happen suddenly and with little warning, thus, can cause major property damage. Sinkholes are dramatic because the land usually stays intact for a while until the underground spaces just get too big, then a sudden collapse occurs. Sinkholes can be small (cover collapse or cover subsidence) and have little impact on people, or they can be huge and can occur where a house, road, or other structure is on top.

2. Landslide Hazard

The overall existing topographic and geologic characteristics of the site shows the area is not susceptible to landslide hazard. Moreover, the area has low to nil susceptibility to landslide based on MGB MIMAROPA-generated landslide susceptibility map shown in *Figure* 6.

3. Hydrologic Hazard

Puerto Princesa City proper is situated within a peninsula where there is no catchment basin or headwaters that may

contribute to massive flooding. Therefore, the project site is at low risk to flooding hazards. This is also supported by the MGB - MIMAROPA flood susceptibility map shown in *Figure 7*, which indicates that the area is not located within identified flood-prone areas.

4. Seismic/Earthquake Hazard

The proposed site is situated in Palawan which has been established as an aseismic region with little or no seismic activity. The Earthquake focal distribution of the Philippines shows no data points for Palawan, suggesting that there are no substantial earthquake-generating fault movements within the island or the surrounding troughs. Unlike the seismic activity in most of the Philippines, there is only a minimal risk from seismic activity on Palawan Island. Even if earthquakes should occur proximate to the Philippine Fault and the active trenches surrounding the greater part of the Philippines, the seismic risk for Palawan is the lowest in the whole nation. For this reason, the proposed site is of low risk of seismic/earthquake hazards.

VI. CONCLUSIONS AND RECOMMENDATIONS

The proposed development area is generally underlain by limestone which may contain subsurface solution cavities.

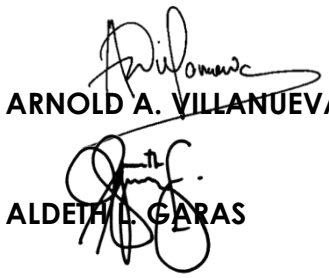
The proposed site may be prone to foundation hazard which includes subsidence/settlement hazard due to the potential presence of solution cavities in the underlying limestone bedrock.

It is recommended that foundation hazard study be conducted in the area by carrying out a subsurface geotechnical investigation to determine if there are existing cavities in the underlying limestone rocks. This study will also acquire subsurface data that will provide information on rock mass strength, stiffness, and bearing capacity of the underlying bedrock which can be used in engineering–related design and planning and in the selection of suitable foundation designs to properly address the hazard posed by solution cavities in limestone rock.

Given the above findings, the proponent is required to submit a Geohazard Assessment Report (GAR) of the proposed project duly signed by a licensed geologist as stipulated in the DENR Memorandum Order 2000-28 and MGB MC 2000-33 and to be

submitted to the EMB-IV together with this report (GIR). The GAR should include a detailed foundation hazard study incorporating the results of the geotechnical study and provide recommendations to the developer to minimize if not totally avoid the perceived impact of the identified geohazard on the proposed development.

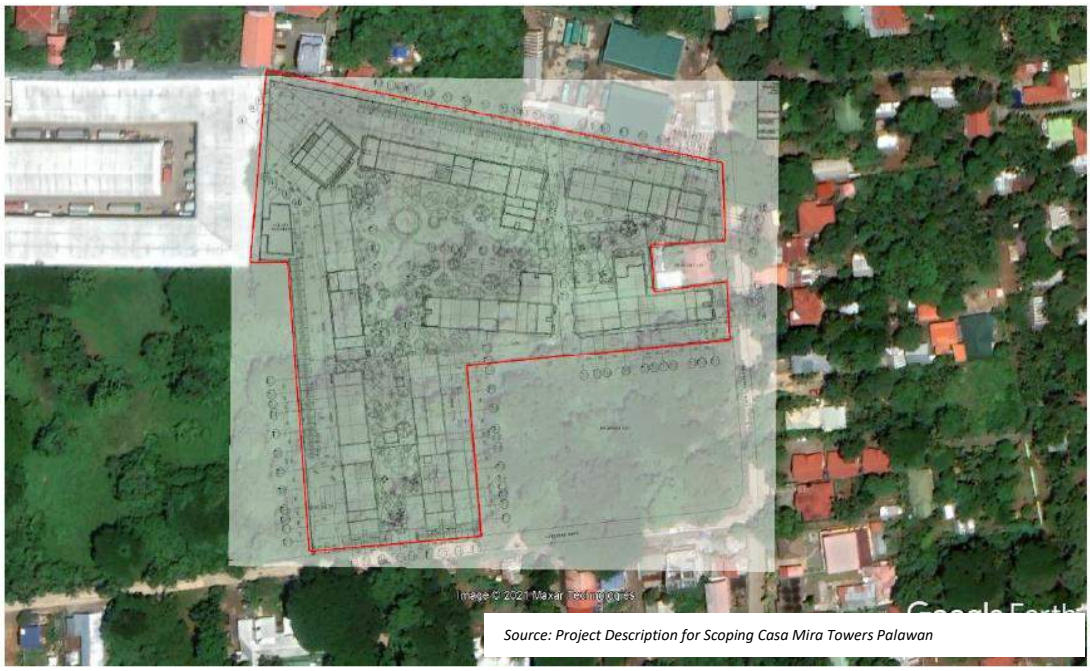
Prepared By:



ARNOLD A. VILLANUEVA

ALDETH L. GARAS

FIGURES



Source: Project Description for Scoping Casa Mira Towers Palawan

Figure 1-Masterplan overlaid over the project area

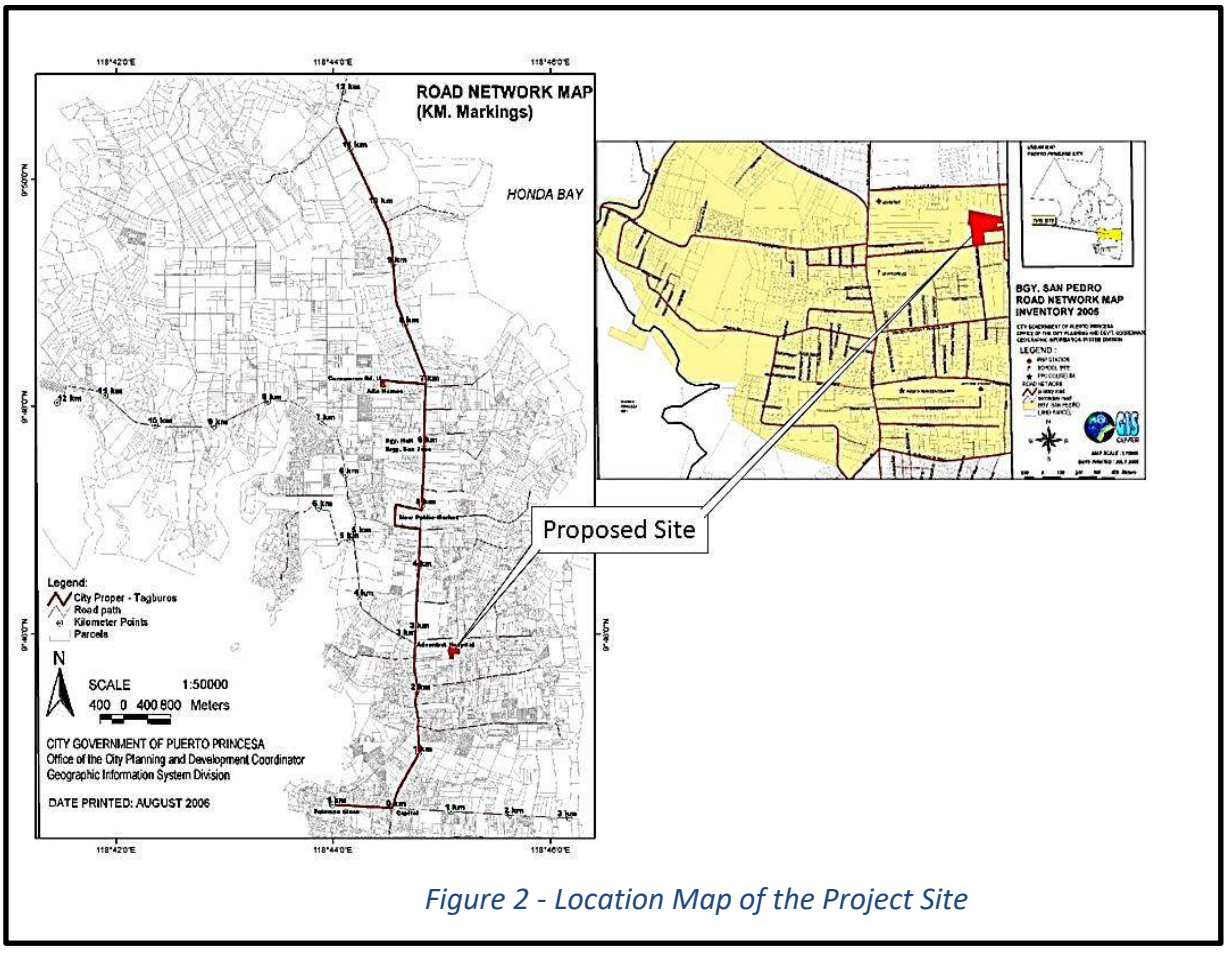


Figure 2 - Location Map of the Project Site

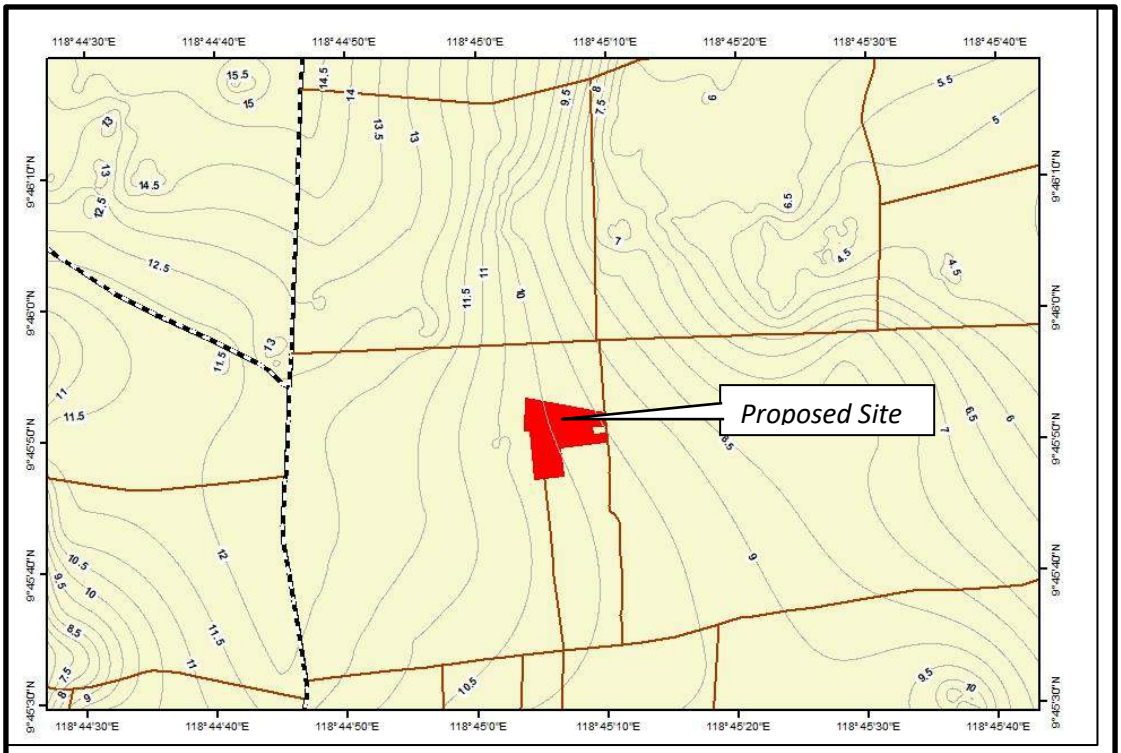


Figure 3- Topographic Map of the Project Area and Vicinity

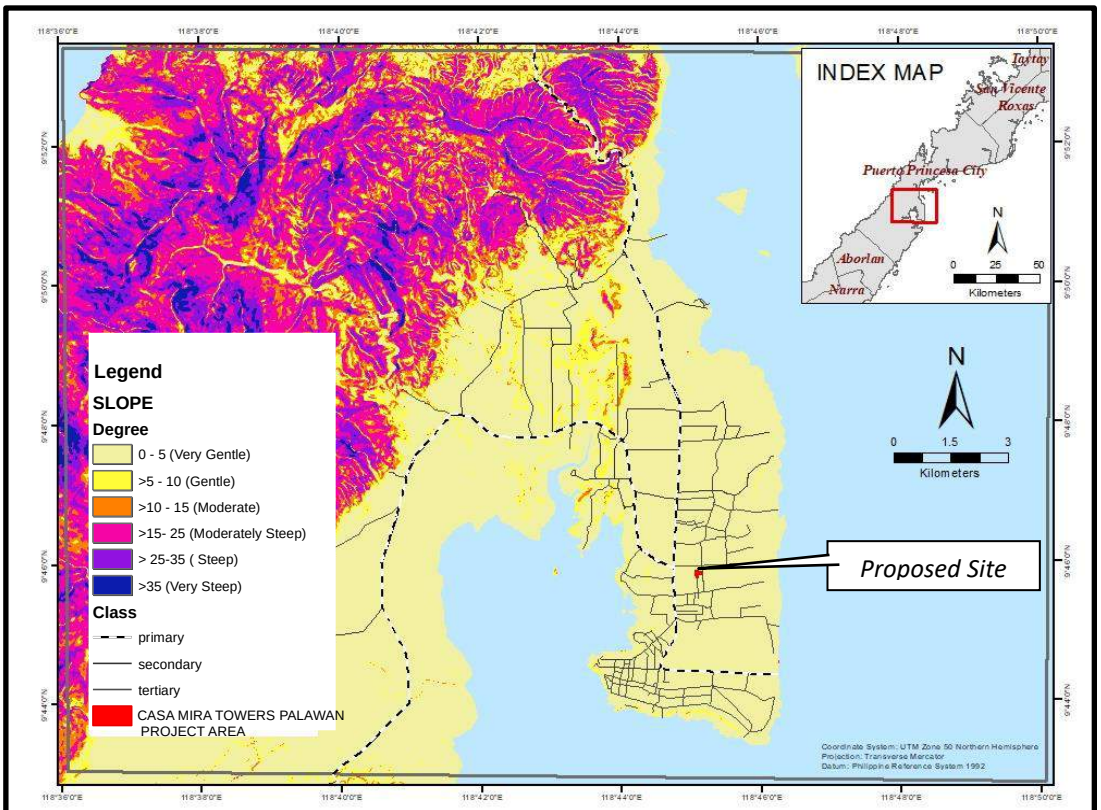


Figure 4- Slope Map of the Central Portion of Puerto Princesa City Showing the Location of the Project Site

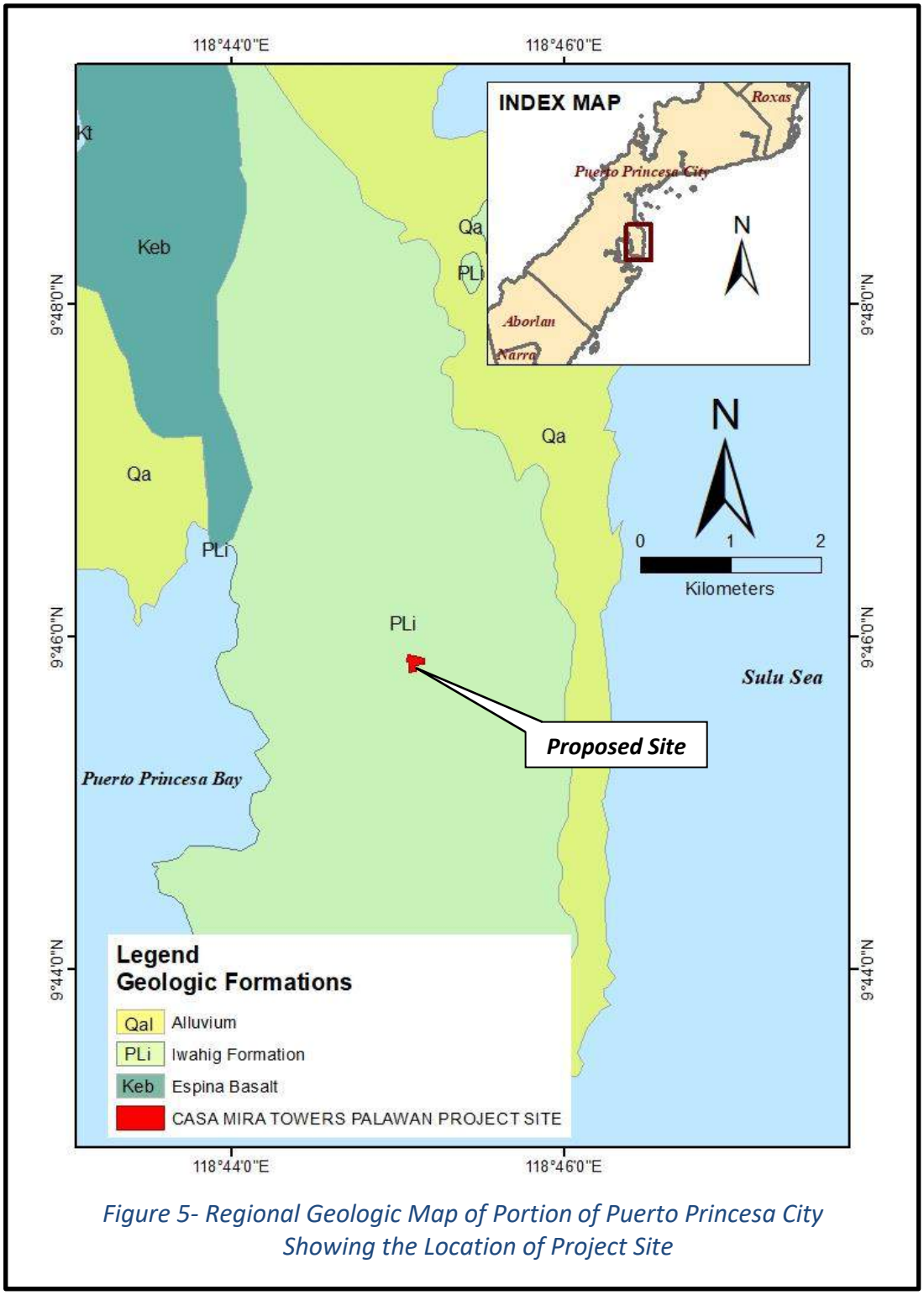


Figure 5- Regional Geologic Map of Portion of Puerto Princesa City Showing the Location of Project Site

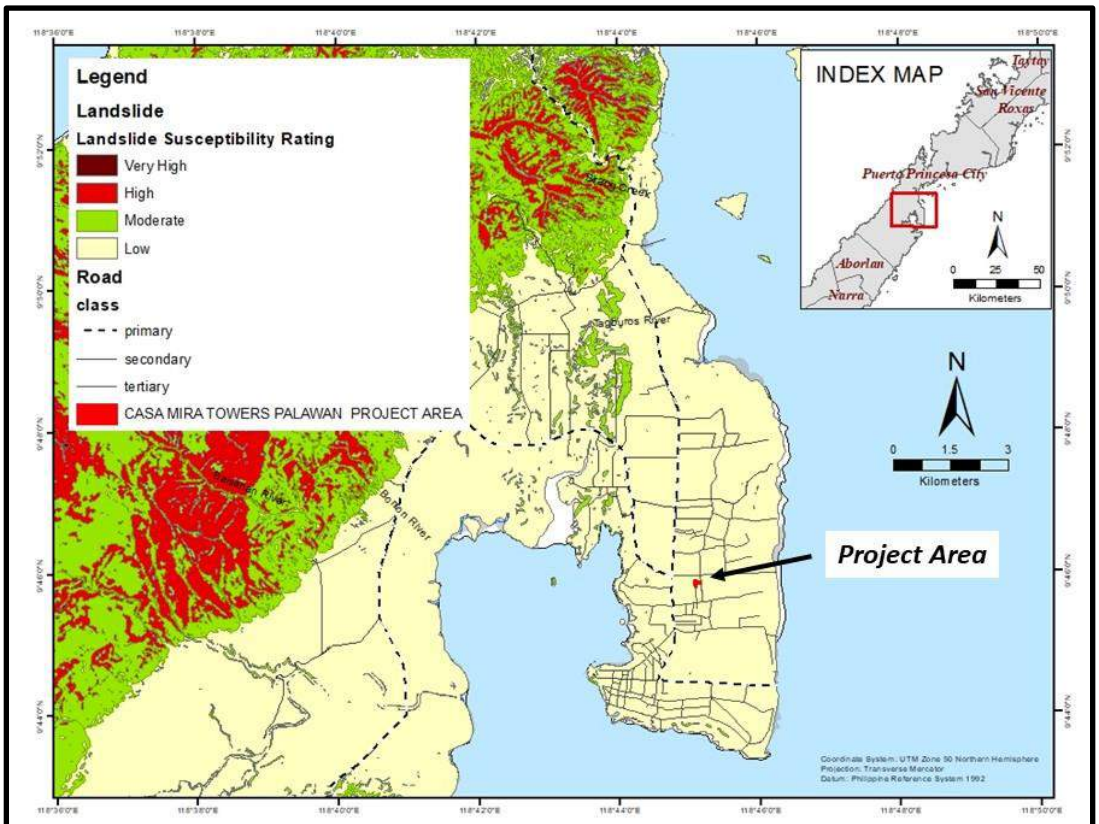


Figure 7 - MGB's landslide Susceptibility Map of Portion of Puerto Princesa City Showing the Location of the Project Site

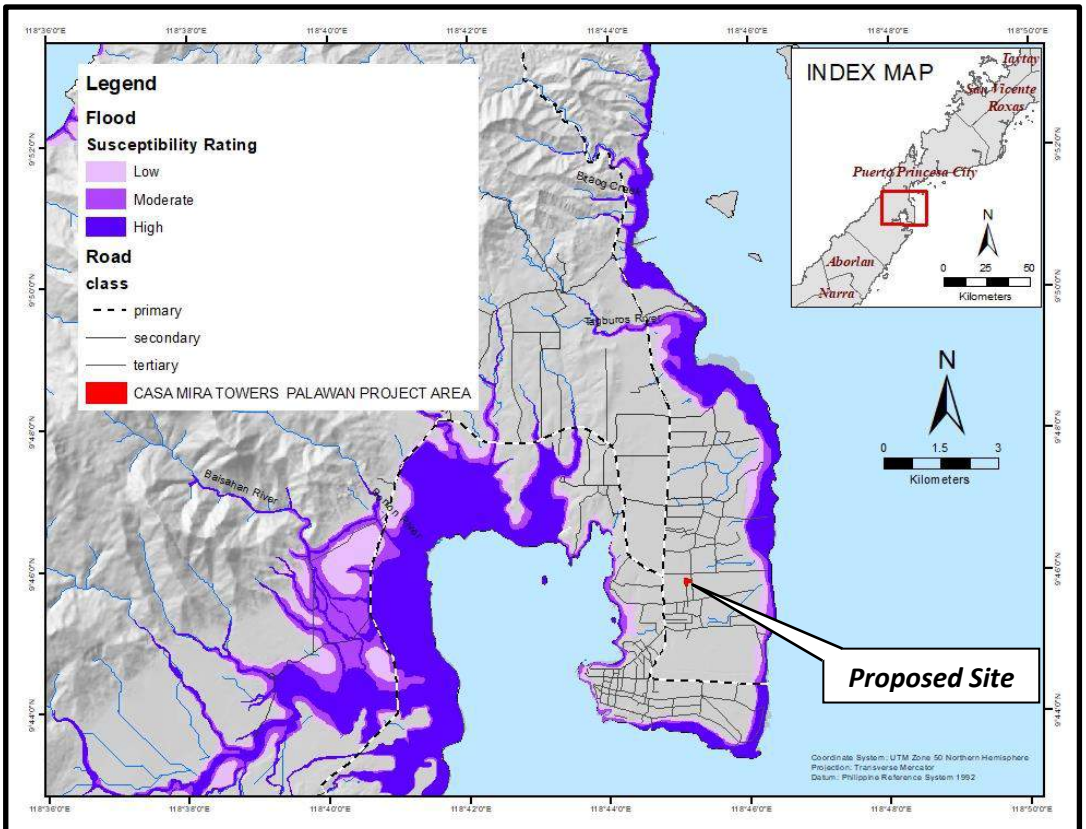


Figure 6- MGB's Flood Susceptibility Map of Portion of Puerto Princesa City Showing the Location of the Proposed Site

PHOTOS



Photo 1 – Gate along the Lansanas Road which serve as an entry point to the proposed site.



Photo 2 – The proposed site for Casa Mira Towers Palawan, looking northeast.



Photo 3 – The southwest portion of the proposed site for Casa Mira Towers Palawan. Palawan.





Photos 4 and 5 – Two (2) shallow pits observed at the proposed site exposing calcareous soils.



Photos 6 – Closer view of calcareous soils to highly weathered limestone.



Photos 7 –Highly weathered limestone rock floats within the proposed site.

6.18. CAAP Clearance

Republic of the Philippines
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

No. : **I-0737-21-517187**
Issue Date : JUN 2 4 2021

HEIGHT CLEARANCE PERMIT

A Height Clearance Permit is hereby granted to **CEBU LAND MASTERS, INC.** (the "Grantee") with postal address at **Jose Maria Del Mar Street, Apas, Cebu City, Cebu** for the construction of the proposed **39.75-m high Commercial Building** with a Top Elevation of **Fifty One & 065/1000 meters (51.065 m) above EGM2008 Geoid**, inclusive of any appurtenances such as antenna towers, billboards, flagpoles, lightning arresters, and etc. that may be installed atop the building/structure.

The location of the structure is at **Lot 9-B-11-C, Lanzanas Road, San Pedro, Puerto Princesa City 5300 (N9° 45' 42.92", E118° 45' 9.293")** which falls **within the vicinity** of **Puerto Princesa International Airport (PPIA)**.

The Grantee shall inform the nearest CAAP office/airport through written notice **(Attention: Manager, PPIA)** upon the commencement and completion of the construction. A copy of this permit shall be retained and posted in a visible location within the construction site.

The aforementioned structure shall be subject to monitoring by this Authority at any time until the completion of construction for the determination and verification of compliance with the specifications stated in this HCP in accordance with applicable civil aviation rules and regulations. Any deviation from the data submitted and approved by this Office shall be a ground for cancellation/revocation of this permit.

In consideration of projected airport developments, the Grantee is hereby given a period of **two (2) years** from the issuance of this HCP within which to commence construction of the proposed structure. Failure to commence construction within the period shall invalidate this HCP, upon which a new permit must be applied for and secured.

VALID UNTIL:
DATE: JUN 2 4 2023

Recommend Approval:

LT COL VALENTINO A DIONELA PAF (RET)
Assistant Director General II, ADMS

ATTY. ANTONIO G. GONZALES
Acting Chief, ATS

ARNOLD R. BALUCATING
Acting Chief, ANS

Approved:
By Authority of the Director General:

CAPTAIN DONALDO A. MENDOZA
Deputy Director General for Operations

Invalid without dry seal

Republic of the Philippines
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

No. : I-0655-23-560625
Issue Date : JUN 2 6 2023

HEIGHT CLEARANCE PERMIT

A Height Clearance Permit is hereby granted to **FERENZO HOLDINGS AND DEVELOPMENT CORPORATION** (the "Grantee") with postal address at **17/F Lepanto Building, 8747 Paseo De Roxas, Makati City** for the construction of the proposed **28.2-meter high Resort Building** with a Top Elevation of **Thirty Four & 20/100 meters (34.2 m)** above **EGM2008 Geoid**, inclusive of any appurtenances such as antenna towers, billboards, flagpoles, lightning arresters, and etc. that may be installed atop the building/structure.

The location of the structure is at **Lots A and B, Psu-185494 and F-53210, Barangay San Francisco, San Fernando, La Union 2500 (N16° 36' 4.5723", E120° 18' 2.7074")** which falls **within the vicinity** of **San Fernando Community Airport (SFCA)**.

The Grantee shall inform the nearest CAAP office/airport through written notice **(Attention: Operator, SFCA)** upon the commencement and completion of the construction. A copy of this permit shall be retained and posted in a visible location within the construction site.

Any deviation from the data submitted and approved by this Office shall be a ground for cancellation/revocation of this permit.

In consideration of projected airport developments, the Grantee is hereby given a period of **two (2) years** from the issuance of this HCP within which to commence construction of the proposed structure. Failure to commence construction within the period shall invalidate this HCP, upon which a new permit must be applied for and secured.

Approved:
By Authority of the Director General:

VALID UNTIL:
DATE: JUN 2 6 2025

CAPTAIN FLORENDO JOSE C. AQUINO III
Officer-in-Charge, Office of the Deputy Director General for Operations

Not valid without dry seal

6.19. SEP Clearance

Republic of the Philippines
(Republic Act No. 7611)
PALAWAN COUNCIL FOR SUSTAINABLE DEVELOPMENT

PCSD

SEP CLEARANCE

No. CMT-012523-007

Pursuant to the mandate of the Palawan Council for Sustainable Development (PCSD) under Republic Act 7611 and concurred by the Department of Environment and Natural Resources (DENR) as provided in its Memorandum of Agreement with PCSD dated 29 December 1994, this SEP Clearance is issued to:

Casa Mira Towers Palawan

Name of Project

Barangay San Pedro, Puerto Princesa City, Palawan

Project Location (Street, Sitio, Barangay, Municipality)

Cebu Landmasters, Inc.
Represented by Mr. Arnel Aytona

Name of Proponent

2F Malvar Square, Lot 5-A, Malvar Street, Brgy. Mandaragat, Puerto Princesa City, Palawan

Address of Proponent

This Clearance is issued this 25th day of January 2023 in Puerto Princesa City, ratified under PCSD Resolution No. 23-874.

PALAWAN COUNCIL FOR SUSTAINABLE DEVELOPMENT STAFF
RELEASED
DATE: 02-10-2023
TIME: 2:42 pm
BY:
PUERTO PRINCESA CITY

MARIA NANCY M. SOCRATES
Vice-Chair/Presiding Officer, PPCSD

O.R. No. : 0577674
Date : 9/15/2022
Amount : ₱5,060.00

Not Valid Without PCSD Official Seal
(PLEASE SEE OVERLEAF FOR THE TERMS AND CONDITIONS OF THIS CLEARANCE)

Vision: Palawan, an innovative and dynamic global center of sustainable development
Mission: PCSDS as the driver of environmental conservation and inclusive development in Palawan, a biosphere reserve and science-for-sustainability site, guided by the Strategic Environmental Plan

HEAD OFFICE:
PCSD Building, Sports Complex Road
Santa Monica Heights, Puerto Princesa City, Palawan, Philippines
☎ (+6348) 434-4235 Trunkline•(+6348) 434-4234Telefax
Email: oed@pcsd.gov.ph • Website: www.pcsd.gov.ph| www.pkp.pcsd.gov.ph

METRO MANILA LIAISON OFFICE:
Room 109, G/F Westria Residences
#77 West Avenue, 1104 Quezon City, Philippines
Tel. No: (+632) 376-2061 / (+632) 376-2775

TERMS AND CONDITIONS

This Clearance is issued subject to the terms and conditions stipulated below:

1. Confine development within the 2.0974 hectares project area located at geographical coordinates of 9°45'46" North Latitude and 118°45'14" East Longitude and particularly described as follows:

Technical Description		
Corner	Longitude	Latitude
1	118.7524	9.763679
2	118.7527	9.763608
3	118.7532	9.763507
4	118.7534	9.763464
5	118.7535	9.762636
6	118.7533	9.762614
7	118.7531	9.762596
8	118.7532	9.761973
9	118.7529	9.76194
10	118.7256	9.7619
11	118.7525	9.762981
12	118.7524	9.762982
13	118.7535	9.76345
14	118.7538	9.763384
15	118.7540	9.763325
16	118.7541	9.763035
17	118.7538	9.763035
18	118.7538	9.762885
19	118.7541	9.762915
20	118.7541	9.762777
21	118.7541	9.762763
22	118.7538	9.762734
23	118.7537	9.762717
24	118.7535	9.762702
25	118.7535	9.762713
26	118.7535	9.762976
27	118.7535	9.763114
28	118.7535	9.763252

1.1 Confine development to the following project facilities / components. Additional structures not listed herein is considered an expansion from the original evaluated and approved application and shall be subjected to a separate SEP Clearance.

Facilities	No. of Units	Area (sq. m.)/ Capacity	Specification/Description/ Remarks (Include notes/remarks if underground storage)
1. Residential Units	2,017	45,319.85 sq. m.	

2. Commercial Spaces • Retail @ Podium 1 • Retail @ Podium 2	4 7	448.30 sq. m. 344.60 sq. m.	
3. Amenities • Swimming Pool • Gym • Function Hall • Chapel	1 1 2 1	714.70 65.20 231.42 122.89	 Located Ground Floor Area @ Tower 4 Located @ Clubhouse Located at Clubhouse
4. Open/Common Spaces		7,328.47	
5. Road System		5,716.15	
6. Common Parking Space • Podium 1 • Podium 2 • Surface Parking	 144 176 75	 3,491.73 4,352.56 937.83	
7. Material Recovery Facility		651.83	Located @ Ground floor at Utility Building
8. Administration Area / Office • Administration Office • Security Office • Maintenance Office		 65.06 247.60 139.36	 Located @ Tower 5 Located @ Ground floor at Utility Building
9. Utilities • Electrical Room / Generator Room / Transformer Room		221.65	Located @ Ground floor at Utility Building

2. Procure aggregates and other construction materials only from legal sources;
3. Institute the installation of green energy sources such as solar power to augment the project's energy requirement;
4. Carefully study the installation of water pumping facility so as not to cause decline in water pressure problem of the surrounding residential area;
5. Secure necessary cutting permits and chainsaw registration from concerned agency/ies in the event that vegetation clearing will be undertaken;
6. Any adverse environmental impact caused by the implementation of the project and any nuisance to public health and safety, as may be determined by appropriate authorities, shall be sufficient ground for the cancellation or suspension of the SEP Clearance and imposition of prescribed penalties and charges in addition to the institution of environmental remediation actions to be required;
7. This SEP Clearance is subject to a post-condition that the corresponding ECC, business permit, permits, clearances, and other similar instruments shall be furnished to the PCSDS

within 90 days upon the issuance of this Clearance. Failure to submit the said documents is sufficient ground for the suspension and/or cancellation of this Clearance and imposition of prescribed penalties and charges;

8. This Clearance may be transferred only after the requisites stipulated in Section 15 of PCSD Administrative Order No. 6, as amended, are complied with;
9. An SEP Monitoring Team (SMT) need to be in placed under the ECAN Board (or its equivalent body) based on the provisions of Section 19 to 21 of PCSD Administrative Order No. 06 series of 2014;
10. In the exercise of visitorial power, authorized PCSD/S officials /personnel and ECAN Board (or its equivalent body) by itself or through its SMT shall be allowed to conduct monitoring/inspection of project documents, structures, equipment, and operation at any time of the day without prior notice;

Considering the project's close proximity to a residential community, the following addition conditions must be strictly adhered to **during construction:**

11. **Reduce impact to biodiversity and wildlife:**
    a. Limit vegetation clearing to what is necessary to construct the facilities. Only trees and shrubs within the limits of construction and tree limbs extending into the clearance area should be removed. Using and maintaining vegetative cover appropriately during construction will minimize erosion of excavated soil and sediment loading in the adjacent areas;
12. **Reduce impacts of soil erosion / silt deposition:**
    a. Excavation and other site works and along conveyance routes should be scheduled during the dry season to avoid potential erosion and sedimentation of adjacent areas. When wet season construction could not be avoided, sedimentation control measures, including, sedimentation basins, silt fences, sprinkling, and street cleaning should be employed to prevent soil deposition, particularly on government roads;
    b. Construction site drainage should be installed, preventing silt loading to nearby adjacent areas, particularly in the surrounding residential communities;

13. **Reduce noise pollution by:**
    a. Construction vehicles and equipment noise should be reduced using properly sized and maintained mufflers, engine intake silencers, and engine enclosures. A prescribed work schedule of activities should be confined between 7 am and 7 pm to avoid disturbance to the surrounding residential community;
    b. Stationary construction equipment should be strictly located away from sensitive receptors, such as residences;
    c. Construction specifications should observe the prescribed maximum acceptable noise level for scrapers, pavers, graders, trucks, and pile drivers as measured under the noisiest operating conditions;
    d. No blowing of horns of construction vehicles including delivery and haul trucks from 7 PM to 7 AM to avoid disturbance to resting surrounding communities;

14. **Reduce air pollution by:**
    a. Observe construction best management practices to minimize fugitive dust impact and release of harmful chemicals such as but not limited to:
        - Water-exposed soil areas, especially during the dry season;
        - Cover soil stockpiles and haul truckloads;
        - Minimize areas of earth disturbed at any one time;
        - Revegetate as soon as possible after;
    b. Reduce idling time of vehicles;

15. **Reduce traffic disturbance by:**
    a. Construction should be scheduled to minimize disruption of existing traffic patterns to area residents and local businesses. Affected neighborhoods should be provided with appropriate and timely information. Flaggers would be present to direct traffic around the construction site;
    b. Materials delivery or removal during peak traffic and rush hours of 7AM to 9AM and 5PM to 7PM should be avoided;
    c. Temporary parking facilities should be provided for businesses and residences that will lose parking and access for whatever reason related to the project during construction;

After Construction the following need to be adhered to:

16. Immediate revegetation of disturbed areas with native trees, shrubs, and herbaceous plants to compensate for impacts on altered microclimate and wildlife displacement should be undertaken immediately upon completion of development works;

17. A diverse mixture of vegetation in canopy layers is important to stabilize disturbed soils, minimize erosion, and eventually provide wildlife habitats. Sediment control features should be retained until the plants cover the site considering the process of ecological succession;

18. Any damage to the existing government concrete road network surrounding the development site, arising from the passage of heavy construction equipment should be immediately repaired to an acceptable Philippines Civil Works standard;

19. In case there is a need for additional conditions to ensure environmental integrity and public safety as a result of regular monitoring/inspection, the same shall be imposed by PCSDS.

Non-compliance with any of the above conditions shall be sufficient cause for the suspension or cancellation of this clearance and/or the imposition of penalty of fine in the amount of not less than ONE HUNDRED THOUSAND PESOS (Php100,000.00) for every violation with additional ONE HUNDRED THOUSAND PESOS (Php100,000.00) for every attending aggravating circumstance enumerated under Section 23.6 of PCSD Administrative Order No. 06, as amended by PCSD Resolution No. 21-760. You may however waive your right to participation in the adjudication proceedings under Section 24 of PCSD Admin Order No. 6, as amended, by signing your admission to the alleged violations and your conformity to the imposition of fines.

CONFORME

I, _____, proponent/grantee of the foregoing Clearance, hereby certify that I have read and understood the Terms and Conditions for which this SEP Clearance is issued and I hereby express my conformity thereto and my commitment to abide by the provisions of Republic Act 7611, PCSD Administrative Order No. 06, as amended, and other PCSD policies related thereto.

_____
Signature over Printed Name
Date Signed: _____

6.20. Waste Water Plan

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

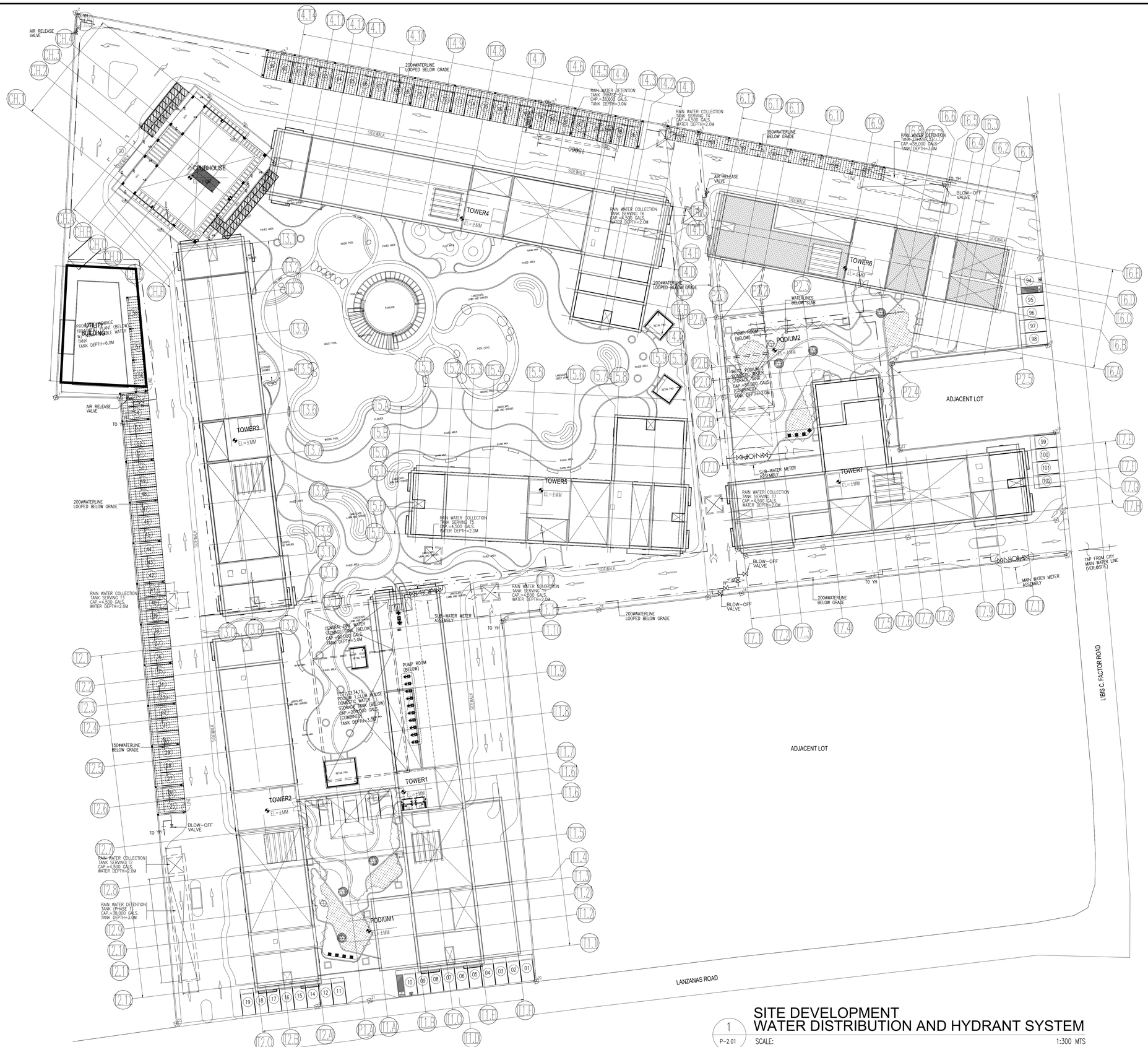
Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

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DO NOT SCALE THIS DRAWING, VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. DISCREPANCIES SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT / CONSULTANT.

NOTE: THIS DRAWING IS ASSIGNED FOR CONSTRUCTION AND IS AN EXTRACT FINAL DESIGN DRAWINGS INCORPORATING ALL THE LATEST REVISION. ALL SPECIFIC BUILDING, ARCHITECTURAL DESIGN & CHANGES SHOULD BE STRICTLY FOLLOW
ENGINEERING PROCEDURES AND OTHER AGREED TECHNICAL ITEMS DURING CONTRACT NEGOTIATIONS, AND ARE INTENDED AS FINAL DESIGN REFERENCE BY THE CONTRACTOR PRIOR TO SITE IMPLEMENTATION.



1
P-2.01

SITE DEVELOPMENT
WATER DISTRIBUTION AND HYDRANT SYSTEM

SCALE: 1:300 MTS

LPPA DESIGN GROUP
Architecture Planning Design
3rd Floor, Cinderella Building, South Triangle, 825 EDSA Quezon City, Philippines 1103
T: (632) 8709-8090 F: (632) 8709-8094 E: lppa@lppadesign.com.ph W: www.lppadesign.com.ph

Architect:		R.A. 9266
LEO P. PARIÑAS		This Drawing, as instrument of service, is the intellectual property and document of LPPA Design Group, Inc., whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or to make copies of said document for use in the repetition of and for other projects or buildings, whether executed partly or in whole, without the written consent of LPPA. This drawing is to be used for the project and site only, specifically specified herein, and is not to be used on any other project.
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DATE: JAN. 07, 2021	PLACE: QUEZON CITY	

Engineer:	
NOEL G. YUMOL SANITARY ENGINEER	
REG. NO.: 1895	PTR NO.: 8531263
DATE: 01/05/21	PLACE: MAKATI CITY

Project:	Owner:
CASA MIRA FLOWERS	CEBU LANDMASTERS
Location: Puerto Princesa, Palawan	

| Sheet Contents: | | |

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

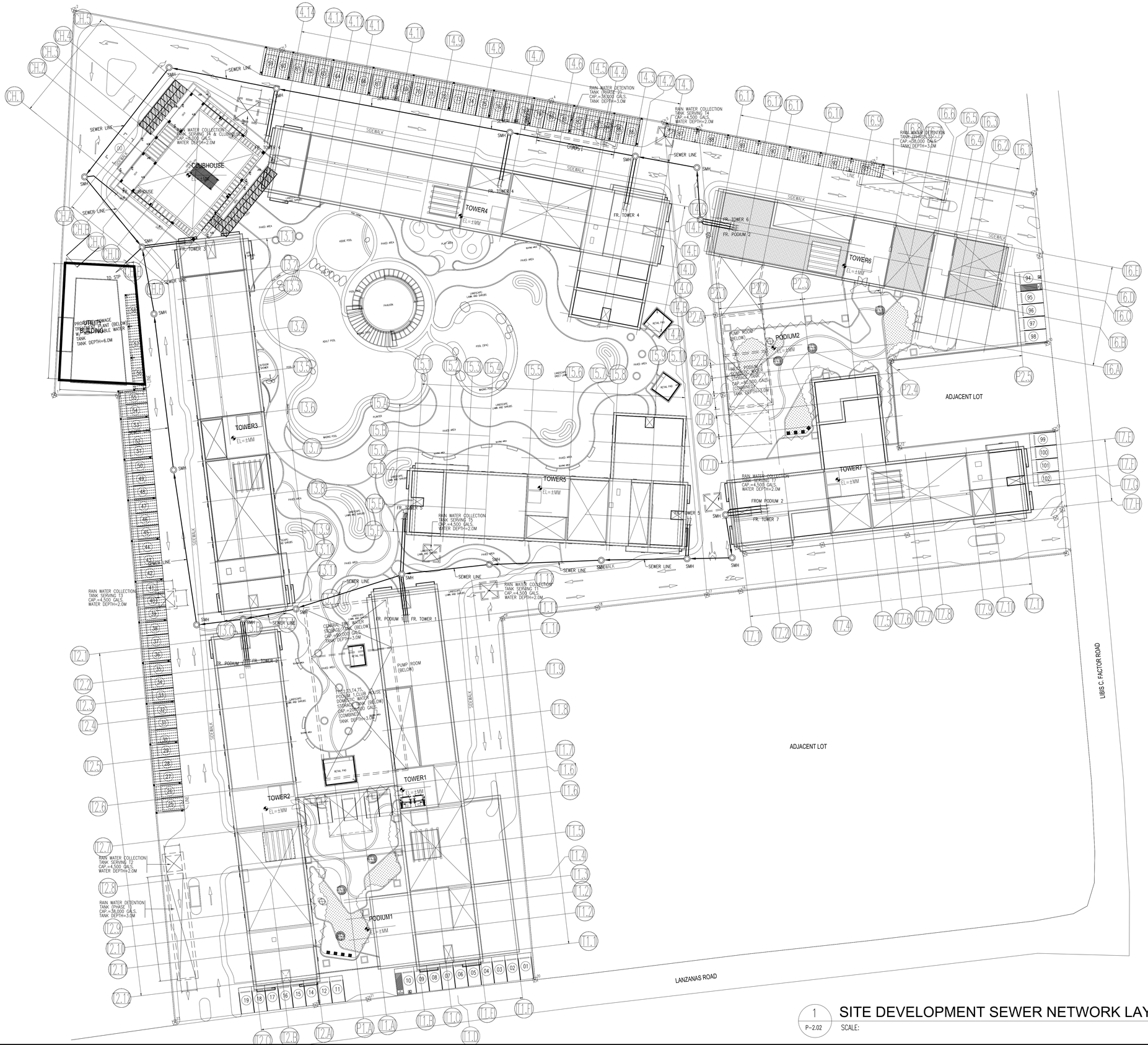
Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:

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1 / P–2.02 SITE DEVELOPMENT SEWER NETWORK LAYOUT

SCALE: 1:300 MTS

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer: NOEL G. YUMOL, SANITARY ENGINEER
REG. NO.: 1895 PTR NO.: 8531263
DATE: 01/05/21 PLACE: MAKATI CITY

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

Sheet Contents: SITE DEVELOPMENT SEWER NETWORK LAYOUT
Drawn by: Checked by: LPP Date: 16 APR 2021 Designed by: LPP

Rev.	Date	Description:	By:
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2			
3			
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- ☐ PALC
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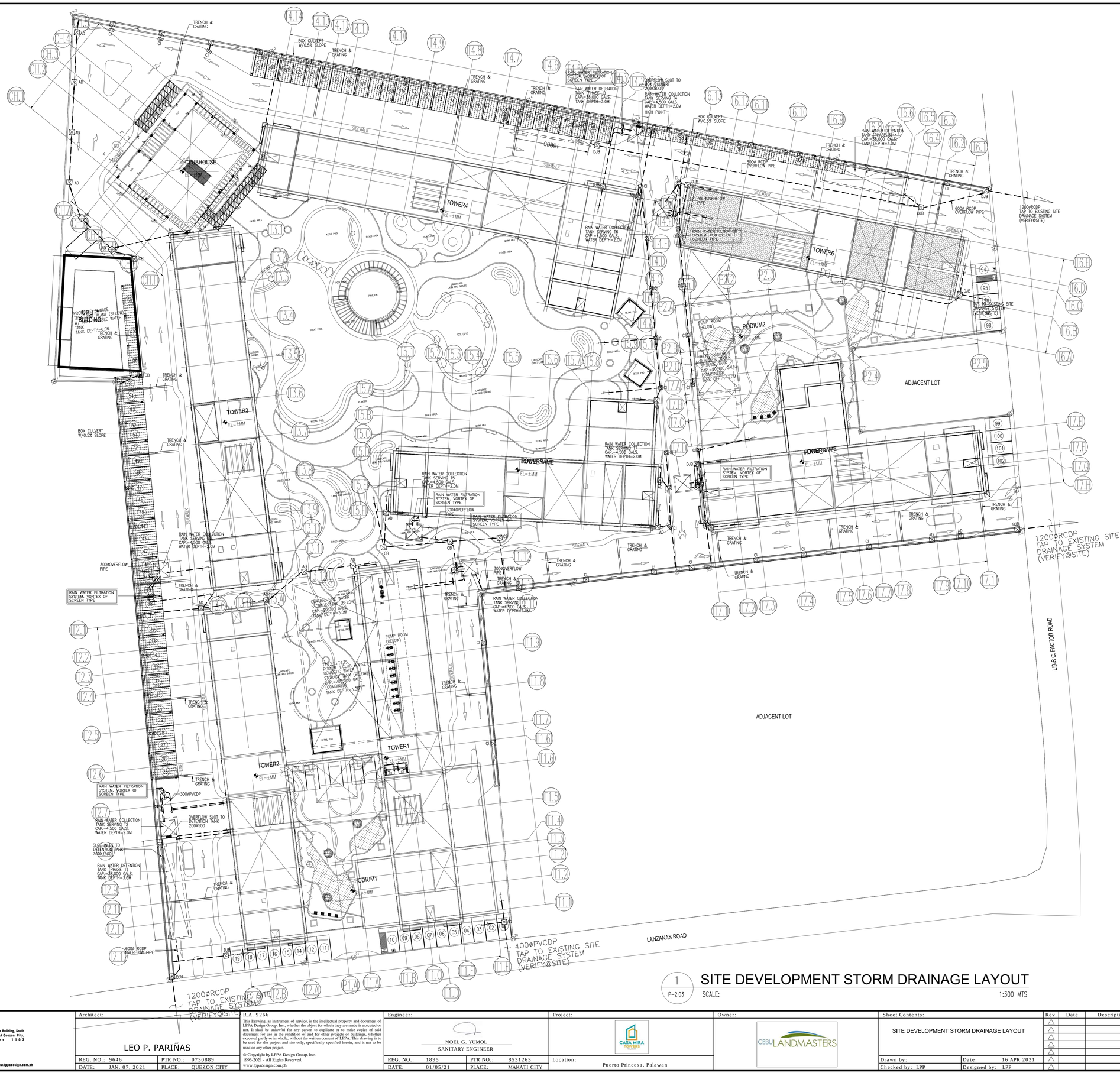
Sheet No.: P-2.02
Job No.: 20-705
Last Modified: 30 MAY 2021

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Approved by: Date:

Building Official: Date:



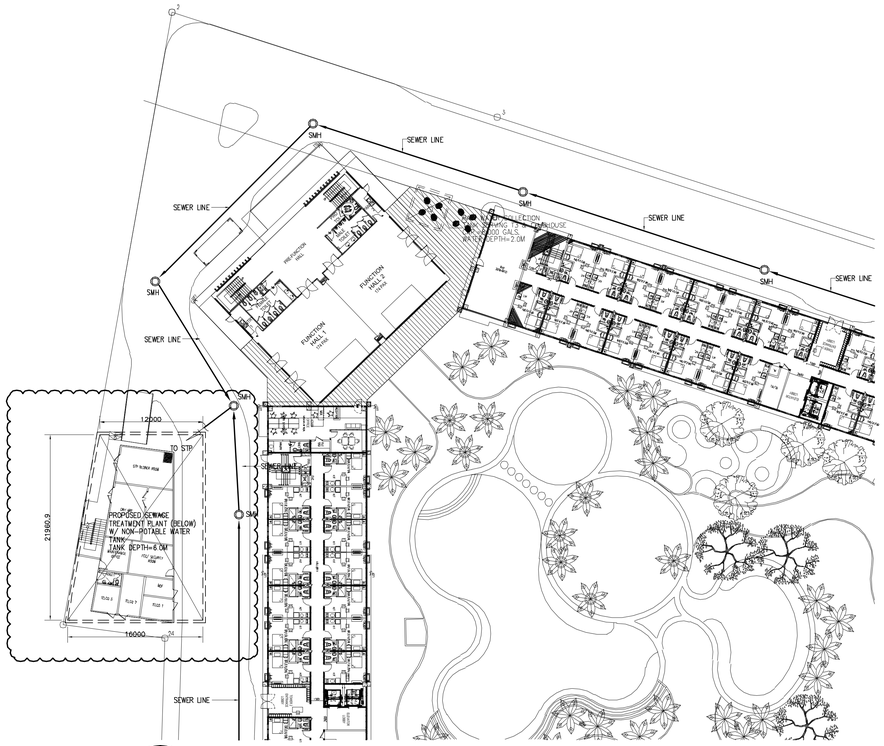
1 P-2.03 SITE DEVELOPMENT STORM DRAINAGE LAYOUT

SCALE: 1:300 MTS

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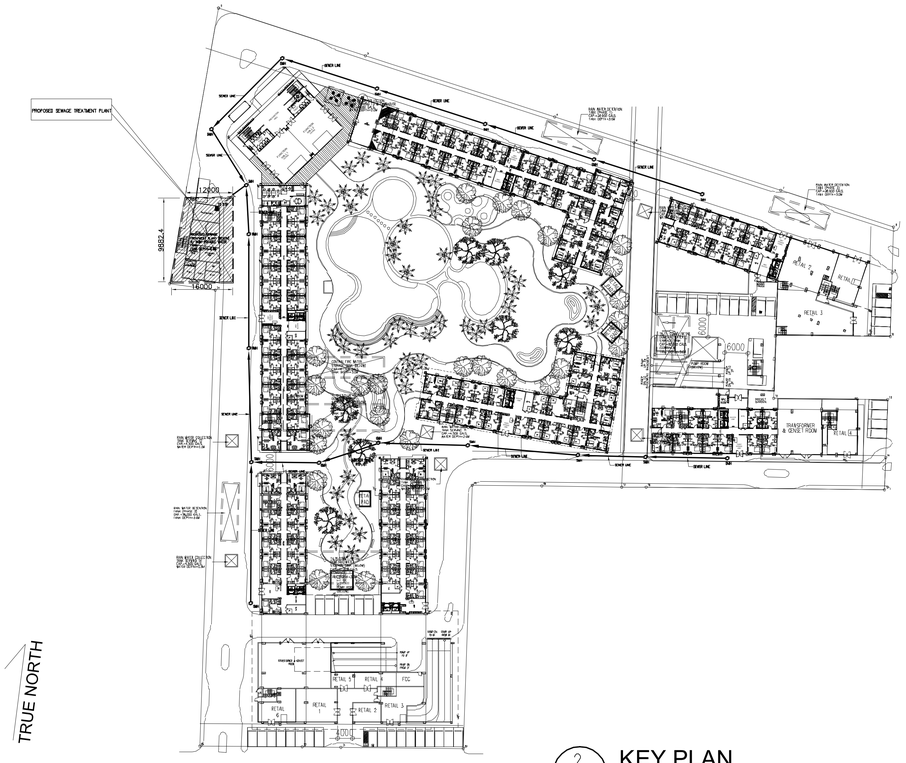
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| | | |



1 PL-2.00 **PARTIAL SITE DEV'T PLUMBING LAYOUT**

SCALE: 1:250M



2 PL-2.00 **KEY PLAN**

SCALE: 1:1000M

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
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A. DESIGN BASIS

A. INFLUENT PARAMETERS

THE FOLLOWING FIGURES SHALL BE USE AS THE BASIS FOR THE PLANT DESIGN

COMMERCIAL AREA

1.) NATURE OF WASTEWATER	COMMERCIAL/RESIDENTIAL
2.) AVERAGE SEWAGE FLOW/DAY	208,000 US GALS. (787.87 CU..M.)
3.) DISCHARGE PATTERN	CONTINUOUS (4 HRS./DAY)
4.) PEAK FACTOR	2.4
5.) INFLUENT BOD CONCENTRATION	600 MG/L
6.) INFLUENT TSS CONCENTRATION	600 MG/L
7.) INFLUENT COD CONCENTRATION	1200 MG/L
8.) INFLUENT TKN CONCENTRATION	80 MG/L
9.) INFLUENT OIL & GREASE	≤ 50 MG/L
10.) TOTAL COLIFORM CONNECTION	> 10^6 – 10^8 MPN/100 ML

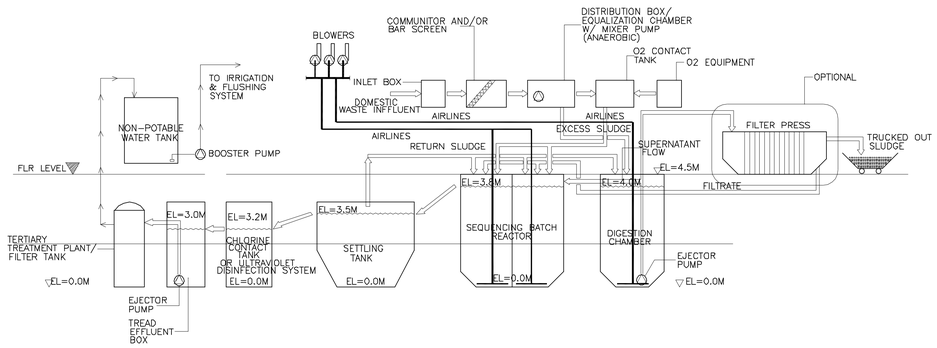
B. EFFLUENT REQUIREMENTS

THE DISCHARGE OR GENERAL EFFLUENT STANDARDS (GES) REQUIRED BY THIS STP SHALL MEET OR BE BETTER THAN THOSE SET UNDER DENR CLASS C INLAND WATER, DA034 2016-08 (TABLE 9 EFFLUENT STANDARDS WATER QUALITY GUIDELINES AND GENERAL EFFLUENT STANDARDS OF 216) AND DAO 2021-19 UPDATED WATER QUALITY GUIDELINES (WQG) & GENERAL EFFLUENT STANDARD (GES) FOR SELECTED PARAMETER.

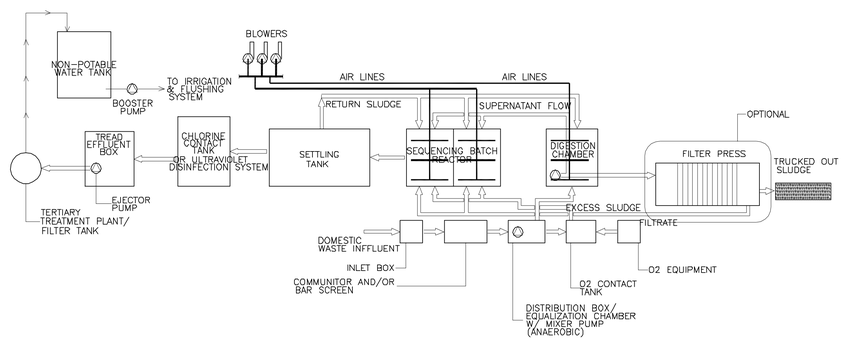
THE REQUIRED EFFLUENT STANDARDS ARE SUMMARISED BELOW:-

1.) PH	6.5-8.5
2.) COD	30 MG/L
3.) BOD CONCENTRATION	20 MG/L
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5.) AMMONIA	4 MG/L
6.) NITRATES	14 MG/L
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11.) TOTAL COLIFORM	400 MPN/100 ML

FOR ANY PARAMETERS NOT LISTED ABOVE, THE DISCHARGE STANDARDS SHALL AT NO TIME EXCEED THOSE SET UNDER CLASS C INLAND WATERS.



VERTICAL FLOW DIAGRAM



HORIZONTAL FLOW DIAGRAM

3 PL-2.00 **PROPOSED SEWAGE TREATMENT PLANT SCHEMATIC FLOW DIAGRAM**

SCALE: NTS

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Architect: LEO P. PARIÑAS
REG. NO.: 9646 PTR NO.: 0730889
DATE: JAN. 07, 2021 PLACE: QUEZON CITY

R.A. 9266

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Engineer: NOEL G. YUMOL, SANITARY ENGINEER
REG. NO.: 1895 PTR NO.: 8531263
DATE: 01/05/21 PLACE: MAKATI CITY

Project: CASA MIRA TOWERS
Location: Puerto Princesa, Palawan

Owner: CEBU LANDMASTERS

Sheet Contents: PROPOSED SEWAGE TREATMENT PLANT PERFORMANCE SPECIFICATION
Drawn by: Date: 16 APR 2021
Checked by: LPP Designed by: LPP

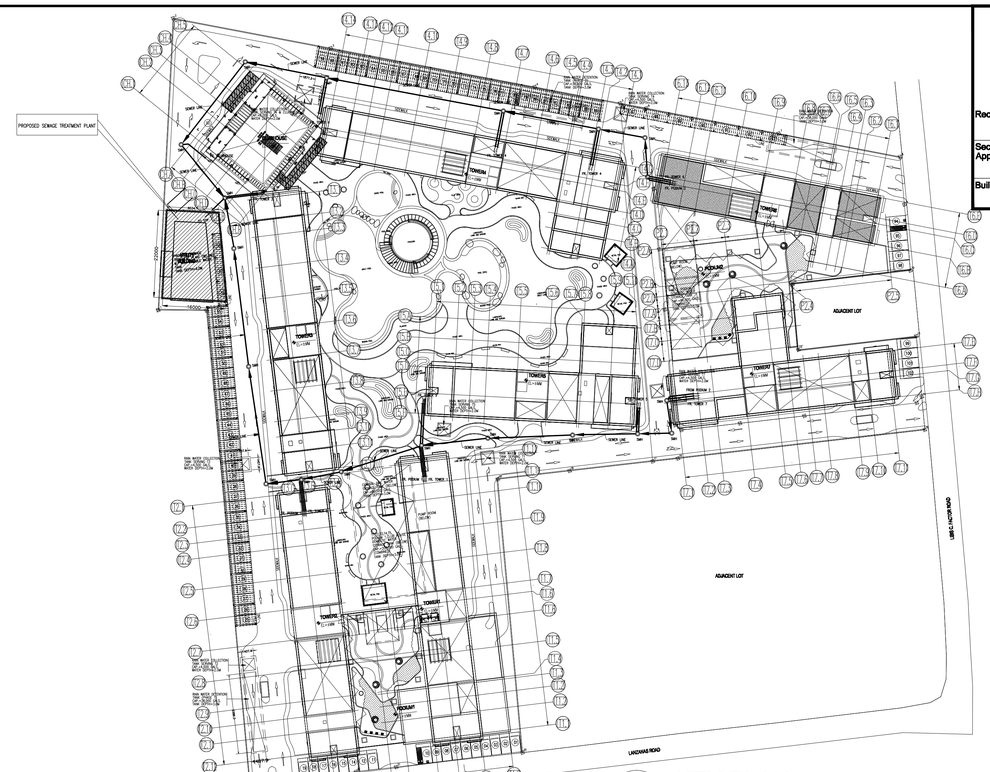
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Sheet No.: PL-2.00
Job No.: 20-705
Last Modified: 30 MAY 2021



1 PL-2.00 **PARTIAL SITE DEV'T PLUMBING LAYOUT** SCALE: 1:250M



2 PL-2.00 **KEY PLAN** SCALE: 1:1000M

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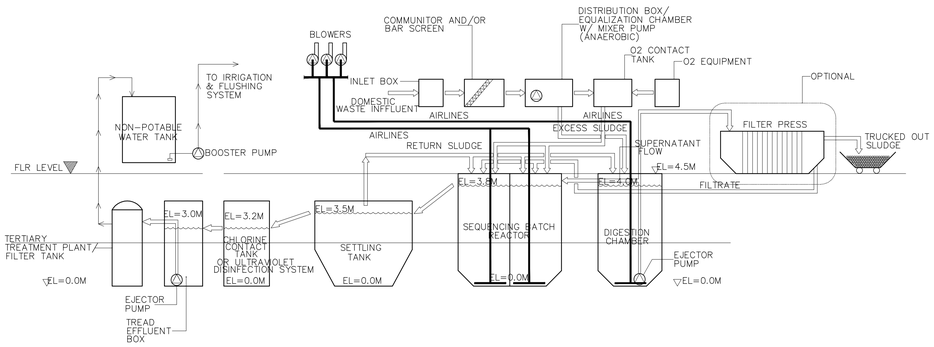
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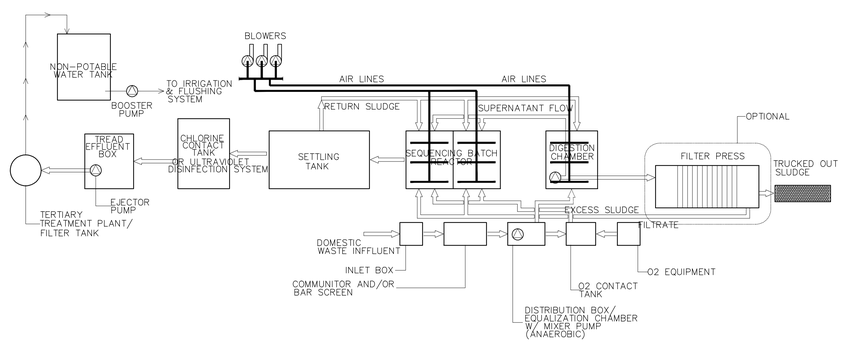
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VERTICAL FLOW DIAGRAM



HORIZONTAL FLOW DIAGRAM

3 PL-2.00 **PROPOSED SEWAGE TREATMENT PLANT SCHEMATIC FLOW DIAGRAM** SCALE: NTS

Republic of the Philippines
Department of Public Works and Highways
Office of the Building Official
City of Puerto Princesa, Palawan

Recommending Approval:

Section Head: Date:
Approved by:

Building Official: Date:

NOTE:
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Architect:		
LEO P. PARIÑAS		
REG. NO.: 9646	PTR NO.: 0730889	
DATE: JAN. 07, 2021	PLACE: QUEZON CITY	

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Engineer:		
NOEL G. YUMOL		
SANITARY ENGINEER		
REG. NO.: 1895	PTR NO.: 8531263	
DATE: 01/05/21	PLACE: MAKATI CITY	

Project:	
Location:	Puerto Princesa, Palawan

Owner:

Sheet Contents:		
PROPOSED SEWAGE TREATMENT PLANT PERFORMANCE SPECIFICATION		
Drawn by:	Date:	16 APR 2021
Checked by: LPP	Designed by:	LPP

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- ☐ Construction

Sheet No.: PL-2.00
Job No.: 20-705
Last Modified: 30 MAY 2021

6.21. Power Supply Certification

PALAWAN ELECTRIC COOPERATIVE

Km. 3.35, North National Highway, Barangay Tiniguiban, Puerto Princesa City
Tel. Nos. (6348) 433-2001, 433-2544, 433-9144, 434-9615, 433-5646
Telefax Nos. (6348) 434-4401, 433-5645, 434-5187
Mobile Number (63917) 558 2836, (639980 933 7849
Email: info.paleco@gmail.com
Facebook Account: www.facebook.com/palawanelectricoop
Website: www.paleco.net

October 6, 2021

CERTIFICATION

This is to certify that PALECO can supply the necessary power requirement needed by Cebu landmasters in their proposed project located at Barangay San Pedro, Puerto Princesa City.

This certification is being issued on the 6th day of October 2021 upon the request of Cebu landmasters to whatever legal purpose it may serve.

BIENVENIDA M. TONGOL
Acting General Manager

6.22. Water District Certification

Republic of the Philippines
PUERTO PRINCESA CITY WATER DISTRICT
South National Highway, Santa Monica, Puerto Princesa City | ppcwater.gov.ph
Telephone Nos. (048) 433 2408 | (048) 433 6802 | (048) 433 6803

Management System ISO 9001:2015
TÜVRheinland CERTIFIED

PUERTO PRINCESA CITY WATER DISTRICT
RELEASED
BY
DATE 8-3-21
TIME
-1978

CERTIFICATION

This is to CERTIFY that, as per the assessment conducted, Puerto Princesa City Water District can provide the water supply requirement of the Proposed Casa Mina Towers Palawan Project at Barangay San Pedro, Puerto Princesa City.

This certification is being issued upon the request of the Cebu Landmasters, Inc. (CLI).

Issued this 30th of July, 2021.

WALTER J. LAUREL
General Manager

6.23. Performance Specification of Proposed Sewage Treatment Plant

PERFORMANCE SPECIFICATION OF PROPOSED SEWAGE TREATMENT PLANT

CASA MIRA TOWERS PALAWAN

PUERTO PRINCESA, PALAWAN

09 June 2023



NOEL G. YUMOL
Sanitary Engineer

Reg. No. : 1895
TIN : 138-820-145
PTR No. : 9566367
Date : 01/03/2023, Makati City

N.G.Yumol + *Associates*
CONSULTING ENGINEER

1.0 Introduction

The proposed Sewage Treatment Plant is for **CASA MIRA TOWERS PALAWAN**. It is located in Puerto Princesa Palawan.

Service sewer lines and drainage system are not available at site except water supply from **Local District** main water supply . In order to comply with the pollution prevention requirement of the Department of Environment and Natural Resources (DENR) now in force in the Philippines, we have proposed to put up a centralized Sewage Treatment Plant for treating the domestic waste water. Wastewater shall be treated to better than Class C, Inland Waters, as specified below.

The design parameters are based on **SEQUENCE BATCH REACTOR** of the **ACTIVATED SLUDGE PROCESS with TERTIARY TREATMENT**. It is expected to have an efficiency of at least 90% for BOD and Suspended Solid removal.

The proposed STP will be concealed type and located below grade level.
/ A-8 8/ - 5: -: 0 /; : 23A - 5: ; 2 41 ; ; 10 4-88 . 1 - 1 /; : -/ ; recommendation.

All influent shall flow by gravity to lift station integrated to the proposed Sewage Treatment Plant.

2.0 Design Considerations

The STP Contractor shall note the following key design considerations:

2.1 The selected treatment technology shall be a two (2)-basin sequencing batch reactor , which shall be designed for organic (BOD_5/COD) and nutrient (NH_3-N) removal. The sewage treatment plant shall be designed to incorporate nitrification-denitrification.

2.2 The sewage treatment process shall be combination of anaerobic process to treat nitrate and aerobic to avoid concerns with confined space / safety considerations, and the potential for odor / explosive gases.

2.3 Peak hours are expected to be from 9:00 am to 1:00 pm and 4:00 pm to 8:00 pm.. Therefore only 8 out of 24 hours will be critical. Wastewater and sewage generation will be mostly within these hours. However, health facilities considered full occupancy 24 hours, 7 days a week. To handle the anticipated highly fluctuating flow and loading to the STP, an equalization tank with an effective capacity of 4 hours minimum shall be provided.

2.4 The peak flow factor shall be 2.4. This factor shall be used for sizing of the influent lift sump, bar screen and other equipment.

2.5 All other unit processes (equalization tank, biological treatment, disinfection, etc). shall be designed on the basis of average flow.

2.6 Ventilation, which is required if the process tanks are to be covered or enclosed, shall be a minimum of 12 - 15 air changes per hour. Fresh air intake shall be provided. Exhaust air shall be directed outside the building and away from public thoroughfares.

2.7 All metalworks within the process tanks (aeration distribution piping, cat ladders, supports, guiderails, chains, etc.) within the process tanks shall be SS304 to minimize maintenance requirements. Access inside the process tanks after the STP has commenced operation should be minimized / avoided.

2.8 All key equipment (pumps and blowers) shall be provided with on-line standby equipment. Submit complete brochures and pump selection data curve.

2.9 Decanter shall be fixed type or non-moving and shall be made of durable non-corrosive material and preferably with no moving parts. Decanter shall be air, hydraulic or electric operated. The accumulation of solids in the decanter header shall not be allowed. All mounting brackets and hardware shall be made of stainless steel materials. Proposed decanter shall be subject for approval and requires to submit complete construction plans and technical specification. Submit complete brochure and technical specifications.

2.10 The air diffusing mechanism shall be of non-corrosive and non-clogging type only and shall be arranged in such a manner that it is easy in servicing and positive diffusion for both regulation and complete shut-off of the air supply

2.11 Ultraviolet disinfection system (low maintenance type) shall be used for disinfection of treated effluent. (Submit brochures and technical specification) . An alternate disinfection system shall be using Chlorine disinfection system.

2.12 All Structural/Civil Works shall be designed based on latest available (as of Dec 2008) National Building Code and other governing Codes and Standards enforced in the Philippines, like the ASEP Structural Code, etc. duly signed and sealed by a duly licensed engineering practitioner.

2.13 Bidder/Contractor shall submit the brochures of all equipment and pumps intended to be used in this project including pipe material, valves, fittings and other accessories and appurtenances.

2.14 Bidder/Contractor shall provide area for sludge treatment system, and as Optional Item, give cost for Sludge Treatment System.

2.15 Contractor shall include the tank for storage of treated effluent size for eigth (8) hours

2.16 All pumps/equipments shall be manufactured from the reputable manufacturer //1 -. 81 . -: 0 4-88 . 1 ; ; 1E 1 - 0: 1 1: B1 8- ; /; : 81 4; C2, A ; - ; B10 1 A-8 - 1 - 4-88 . 1 1-0ily available locally. The noise level shall not exceed 85 db at the STP area & is measured one (1) meter from the blower. All pumps/equipment shall have a minimum of one (1) year warranty.Locally assembles air blowers are not acceptable.

2.17 Bidder/Contractor to give lifetime warranty for the process.

3.0 Design Basis

3.1 Influent Parameters

The following figures shall be used as the basis for the plant design: -

i)	*Nature of Wastewater*	*Commercial / Residential*
ii)	*Average Sewage Flow/ Day*	*210,000 US GALS. (795.45 CU..M.)*
iii)	*Discharge Pattern*	*Continuous(~4 hrs/day)*
iv)	*Peak Factor*	*2.4*
v)	*Influent BOD_5 concentration*	*300 mg/L*
vi)	*Influent TSS concentration*	*300 mg/L*
vii)	*Influent COD concentration*	*600 mg/L*
viii)	*Influent TKN concentration*	*80 mg/L*
ix)	*Influent Oil & Grease*	*≤ 50 mg/L*
x)	*Total coliform concentration*	*> 10^6 – 10^8 MPN/100 mL*

3.2 Effluent Requirements

The discharge standards required by this STP shall meet or be better than those set under DENR Class C Inland Waters, DAO34 2016-08 (Table 9 Effluent Standards, Water Quality Guidelines and General Effluent Standards of 2016) and DENR AO 2021-19 Updated Water Quality Guidelines (WQG) and General Effluent Standards (GES) for selected parameters

The required effluent standards are summarised below: -

i)	*pH*	*6.5 – 8.5*
ii)	*COD*	*30 mg/L*
iii)	*BOD_5 concentration*	*20 mg/L*
iv)	*TSS concentration*	*30 mg/L*
v)	*Ammonia*	*4 mg/L*
vi)	*Nitrates*	*14 mg/L*
vii)	*Phosphates*	*4 mg/L*
viii)	*Surfactants*	*15 mg/L*
ix)	*Color*	*150 pcu*
x)	*Oil & Grease*	*5.0 mg/L*
xi)	*Total Coliform*	*400 MPN/100 mL*

For any parameters not listed above, the discharge standards shall at no time exceed those set under Class C Inland Waters.

4.0 PROCESS DESCRIPTION

The sewage treatment plant shall comprise of primary (screening and equalization), and secondary (sequencing batch reactor) treatment, disinfection (ultraviolet disinfection), and sludge dewatering. The operation of the system shall be automatic and controlled by a PLC. High level alarms shall be installed in all tanks.
Central grease tank or grease / oil separation system shall be provided to served grease producing sinks prior to disposal to central sewage treatment plant.

The STP Process shall incorporate the following unit processes:

Lift station with lift pump
Screening
Anerobic chamber
Influent Lift Sump
Equalization
Activated Sludge Treatment using Sequencing Batch Reactor
Ultraviolet Disinfection or Chlorination system
Sludge Digestion and Dewatering

The full treatment process is described as follows:

4.1 Lift Station with lift pumps

Lift station with lift pump shall be provided in case invert elevation of influent sewage pipe is much lower than the STP. This is necessary to avoid deep excavation for STP construction. Two (2) lift pump shall be provided (1-duty, 1-stand-by)

4.2 Screening prior to the STP

Appropriate screening should be provided at all drains leading to the STP. This will minimize passage of large non-sanitary waste items (bags, ropes, rags, mops, etc.) to the STP.

4.3 Influent Lift Sump

An influent lift sump shall be provided to transfer influent wastewater to the equalization tank. Influent shall be transferred by at least two pumps (1 duty, 1 standby). Pump and sump pit sizing shall be based on peak flow using a 2.4 peak factor. Pump starts shall be not more than 5 times per hour. Levels sensors shall control the activation of the sump pumps based on the volume of influent.

4.4 Anaerobic Chamber

Properly sized anaerobic tank shall be provided to treat ammonia, nitrates and other nutrients. Provide ventilation of methane arrestors.

4.5 Manual Screening

Sewage influent will flow to the STP by gravity. Influent will first be directed to a bar screen channel with a manual bar-screen, with bar spacings of 5 mm. The bar screen will trap large solids and non-biodegradable debris and prevent them from entering the plant. The bar screen channel will allow operator access so that the screenings and debris could be removed and packaged for disposal with other solid waste. The bar screen shall be designed to handle the peak flow of up to 2.4 x Average Flow. A bypass screen shall also be provided to prevent overflow in case of screen blockage of abnormally high flows. The influent will flow from the bar screen into the anaerobic chamber from anaerobic chamber by gravity.

4.6 Equalization Tank / Advance Oxidation Tank

From anaerobic chamber, wastewater will be stored temporarily in an Equalization Tank (ET), which acts to equalize the flow in terms of both hydraulic and organic loading. The equalization tank shall have effective holding capacity 4 hours minimum at average flow.

Two submersible pumps, one duty and one standby, will be installed in the Equalization Tank to transfer wastewater to the SBR basins for biological treatment.

The equalization tank shall be aerated using coarse bubble diffusers to ensure proper mixing and to prevent odor and septicity. Air shall be supplied at a rate of 0.01 0.015 m^3 / m^3 min.The blower providing air to the equalization tank shall be shared with the aerobic sludge digestor. There shall be two blowers (1 duty, 1 stand by)

4.7 SBR Basins/ Aeration Basin

Two (2) SBR Basins shall be constructed, with bioselector to maintain optimal F:M ratio within the STP.

The main biological treatment process will take place in the SBR Basin under cyclic sequential operation of three phases; aeration, settlement and decant, described below.

Aeration Phase

- Aeration requirement by the process for mixing, carbonaceous oxidation and nitrification will be supplied by two positive displacement air blowers, one duty and one standby, via submerged fine bubble diffusers.

Settlement Phase

- Immediately after the aeration sequence, settlement / clarification will occur.
- The conditions in the basin become anoxic. Denitrification and further organics removal occur during this phase.

Decant Phase

- Following the settlement phase, the decant sequence will be initiated to remove the clear, treated liquor from the Top Water Level (TWL) to the Bottom Water Level (BWL), the minimum level of decant.
- The treated effluent will be removed by a surface skimming decanter and will fall into the effluent tank by gravity. The decanter will be sized to ensure uniform draw-off rate, without disturbance of the settled sludge interface.
- Denitrification and organics removal will continue to occur during this phase.
- Excess sludge will be wasted to the Sludge Holding Tank during the decant phase in SBR basin.

At the end of decant phase, the cycle will be repeated with the start of aeration.

The cyclic/sequential operation will be controlled automatically by a Programmable Logic Controller (PLC) inside the Control Panel. The PLC shall be configured to allow operator modification of the duration of operation of any equipment or treatment phase. Manual override for control of the process equipment shall also be provided.

A fourth Phase, ***Idle,*** shall be incorporated into the design and the operation protocol. This phase shall be utlised in case the STP is operating at lower than design conditions, in order to minimize power consumption and equipment operation.

4.8 Effluent Holding Tank

Treated wastewater from the SBR will be directed, via the decanters, to the Effluent Holding Tank.

Two effluent lift pumps (1 duty and 1 standby) shall be installed in the effluent holding tank for discharging the treated effluent, via the ultraviolet disinfection system, to the discharge point.

4.9 Ultraviolet Disinfection

Effluent from the STP shall be disinfected by an ultraviolet disinfection system. The selected ultraviolet disinfection system shall be a low maintenance type system suitable for disinfection of secondary treated effluent (ie. Uses UV transparent Teflon sleeving). Quartz sleeving systems shall not be allowed due to problems with maintenance and scaling.

A sampling port, for sampling of treated effluent by the operator and the control authorities, shall be provided after the ultraviolet disinfection system.

Alternate disinfection system shall be chlorination system using chlorine granules.

4.10 Flow Measurement

An electromagnetic type flow meter shall be installed after the Ultraviolet Disinfection system for monitoring of effluent flow from the STP.

The flow meter shall be non-resettable type.

4.11 Aerobic Sludge Digestor & Sludge Dewatering (Optional)

Excessive sludge shall be wasted from the SBR Basin during the decant phase, by two (2) sludge wasting pumps (1 duty, 1 standby) to the Aerobic Sludge Digestor. Wasted sludge will be further digested aerobically using Coarse Bubble Diffusers supplied with air from the Air Blower shared with the Equalization Tank. Retention of the Aerobic Sludge Digestor shall be 7 days.

Digested sludge shall be fed to a recessed plate filter press using an air operated diaphragm pump, for dewatering. Polymer shall be fed to the sludge to enhance flocculation. Exact dosing of polymer shall be determined by jar testing on site when the plant is operational.

Supernatant from the Aerobic Sludge Digestor, and filtrate from the filter press shall be directed back to the Equalization Tank by gravity, for treatment.

4.12 Tertiary Treatment

Provide coagulation system sand and activated carbon filter or equivalent for phosphorous removal and to meet quality of water for irrigation.

4.13 Treated effluent

The treated effluent shall be use as irrigation water.