



Republic of the Philippines  
Department of Environment and Natural Resources  
Provincial Environment and Natural Resources Office  
Sta. Monica, Puerto Princesa City, Palawan  
E-mail: [denrpenropalawan@gmail.com](mailto:denrpenropalawan@gmail.com)  
Telfax No. (048) 433-5638

Region

May 30, 2022

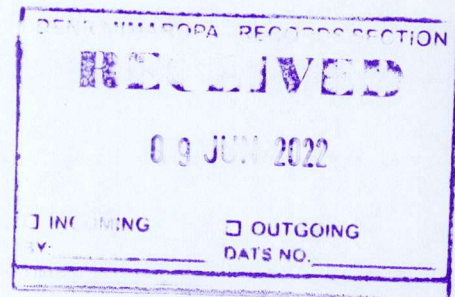
**MEMORANDUM**

FOR : The Regional Executive Director  
MIMAROPA Region  
1515 L&S Bldg., Roxas Blvd.,  
Ermita, Manila

THRU : The Assistant Regional Director for  
Management Services

FROM : The PENR Officer  
Puerto Princesa City

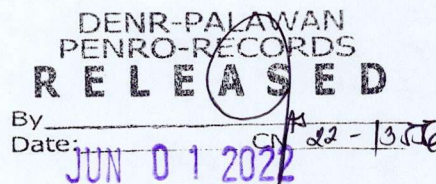
SUBJECT : **SUBMISSION OF SUPPORTING DOCUMENTS RE:  
PROPOSED REPAIRS IN SNAKE ISLAND NCMCR  
AMOUNTING TO 6.444M FOR FY 2023**



In connection with our FY 2023 budget proposal under Coastal and Marine Ecosystem Rehabilitation Sub-program – Repairs for Snake Island NCMCR amounting to Php 6,444,000.00, respectfully submitted herewith are the Scope of Works, Detailed Estimates and Sketch plans for each proposed repair.

For information and consideration.

  
FELIZARDO B. CAYATOC



2022-4912



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
REGION IV-B MIMAROPA  
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

PROGRAM OF WORKS

PROJECT: REPAIR FOR THE DAMAGES DONE BY TYPHOON ODETTE

LOCATION: SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY

APPROPRIATION: Php774,275.66

CAL. DAYS TO COMPLETE: 150 DAYS

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>EARTHWORKS</b>					
1700(1)	CLEARING, GRUBBING & DIMOLATION	1	LOT	65,625.00	65,625.00
405(1)	<b>STRUCTURAL CONCRETE</b> STRUCTURAL CONCRETE	1	LOT	440,885.55	440,885.55
<b>BACK FILL</b>					
803 (1)c	BACK FELLING	130	CU.M.	1,046.72	1,046.72
<b>REINFORCING STEEL BARS</b>					
902.1.a2	REINFORCING STEEL BARS GRADE 60	290.1	KLS	106.46	30,883.14
<b>ELECTRICAL WORKS</b>					
1100	ELECTRICAL WORKS	1	LOT	4,952.77	4,952.77
<b>ROOFING WORKS</b>					
1013	ROOFING WORKS	1	LOT	30,094.12	30,094.12
<b>WINDOW</b>					
405 (6)	WINDOW	1	LOT	5,709.38	5,709.38
SUB-TOTAL					579,196.66

DIRECT COST		
1 MATERIALS	422,361.59	
2 LABOR	167,562.72	
TOTAL DIRECT COST	589,924.31	76.19%
OCM EXPENSES	88,488.65	11.43%
CONTRACTOR PROFIT	58,992.43	7.62%
VAT	36,870.27	4.76%
	774,275.66	

TOTAL APROPRIATION	Php.	774,275.66	100.00%
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Prepared by:

  
**RAYMART B. FUENTES**  
Proj. Monitoring & Evaluation Officer  
Technical Staff, CDS

Recommending Approval:

  
**RHODORA B. UBANI**  
Supervising ECOMS/ Chief-CDS

Approved:

  
**FELIZARDO B. CAYATOC**  
PENRO



REPAIR FOR THE DAMAGES DONE BY TYPHOON ODETTE  
IN SNAKE ISLAND NCMCR  
DETAILED ESTIMATE

ITEM OF WORKS:

EARTHWORKS

DATE:

TOTAL COST:

65,625.00

ITEM NO.:

1700(1)

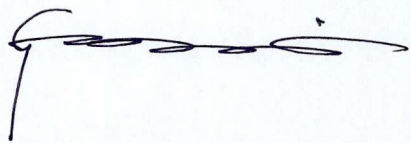
WORK DESCRIPTION:

CLEARING, GRUBBING & DIMOLATION

QTY.

1 LOT

A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
CLEARING, GRUBBING & DIMOLATION	1	L.S.	50,000.00	50,000.00	
				-	
SUB-TOTAL				50,000.00	
B. LABOR					
				-	
SUB-TOTAL				0.00	
C. ESTIMATED DIRECT COST (EDC)= a+b				50,000.00	
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC				7,500.00	
PROFIT as_10% of EDC				5,000.00	
TOTAL OF ( E )				12,500.00	
E. VALUE ADDED TAX_5_% of C+D				3,125.00	
F. TOTAL COST = C+D+E				65,625.00	
G. UNIT COST/ LOT				65,625.00	





REPAIR FOR THE DAMAGES DONE BY TYPHOON ODETTE  
IN SNAKE ISLAND NCMCR  
DETAILED ESTIMATE

ITEM OF WORKS:

STRUCTURAL CONCRETE

DATE:

TOTAL COST:

440,885.55

ITEM NO.:

405(1)

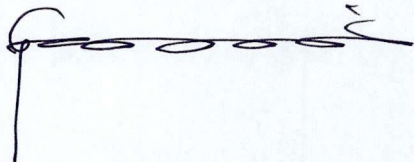
QTY.

1LOT

WORK DESCRIPTION:

STRUCTURAL CONCRETE

A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
PORTLAND CEMENT	396.00	BAGS	380	150,480.00	
GRAVEL & SAND	36.00	CU.M.	1900	68,400.00	
BOULDERS	36.00	CU.M.	85	3,060.00	
#4 CHB	442.00	PCS	22	9,724.00	
				-	
				-	
				-	
SUB-TOTAL				231,664.00	
B. LABOR				104,248.80	
				-	
SUB-TOTAL				104,248.80	
C. ESTIMATED DIRECT COST (EDC)= a+b				335,912.80	
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC				50,386.92	
PROFIT as_10% of EDC				33,591.28	
TOTAL OF ( D )				83,978.20	
E. VALUE ADDED TAX_5_% of C+D				20,994.55	
F. TOTAL COST = C+D+E				440,885.55	
G. UNIT COST/ LOT				440,885.55	





ITEM OF WORKS: **BACK FILL**

DATE:

ITEM NO.: 803 (1)c

**WORK DESCRIPTION:** BACK FELLING

QTY. 130 CU.M.

DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
BACK FILLING	130.00	CU.M.	550	71,500.00

SUB-TOTAL

**71,500.00**

## B. LABOR

32,175.00

SUB-TOTAL

**32,175.00**

C. ESTIMATED DIRECT COST (EDC) =  $a + b$

**103,675.00**

#### D. INDIRECT COST/MARK-UP

OC as\_15% of EDC

15,551.25

PROFIT as\_10% of EDC

10,367.50

TOTAL OF ( D )

**25,918.75**

E. VALUE ADDED TAX\_5\_% of C+D

6,479.69

F. TOTAL COST = C+D+E

**136,073.44**

G. UNIT COST/ LOT

**1,046.72**





ITEM OF WORKS:	REINFORCING STEEL BARS	DATE:	
ITEM NO.:	902.1.a2	TOTAL COST:	30,883.14
WORK DESCRIPTION:	REINFORCING STEEL BARS GRADE 60	QTY.	290.10 KLS

DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
10 mm Ø RSB	81.84	kl	57.63	4,716.44
12 mm Ø RSB	208.26	kl	52.44	10,921.15
#16 TIE WIRE	4.00	kl	85	340.00
HACKSAW BLADE	5.00	PCS	50	250.00

**16,227.59**

## 7,302.42

7,302.42

23,530.01

OC as 15% of EDC	3,529.50
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2,353.00

2.50

1,470.63

**30,883.14**

106.46





REPAIR FOR THE DAMAGES DONE BY TYPHOON ODETTE  
IN SNAKE ISLAND NCMCR  
DETAILED ESTIMATE

ITEM OF WORKS:	ELECTRICAL WORKS	DATE:	
ITEM NO.:	1100	TOTAL COST:	7,429.15
WORK DESCRIPTION:	ELECTRICAL WORKS	QTY.	1 LOT

A. MATERIALS

DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
8.00 mm² THHN wire	1	Box	8,180.00	8,180.00
2.00 mm² THHN wire	1	Box	2,410.00	2,410.00
3.5 mm² THHN wire	3	Box	3,340.00	10,020.00
20 mm PVC pipe (1/2"), Orange	30	Pcs	90.00	2,700.00
4x4 Junction Box	30	Pcs	40.00	1,200.00
20 mm Dia. PVC, short elbow	19	Pcs	15.00	285.00
20 mm Dia. PVC, long elbow	25	Pcs	30.00	750.00
20mm PVC Clamp	100	Pcs	4.00	400.00
Convenience outlet (2 ganged)	2	Pcs	145.00	290.00
Bulb (12 volts, 23-30 watts)	2	Pcs	190.00	380.00
Bulb (220 volts, 23-30 watts)	3	Pcs	250.00	750.00
Electrical tape	6	Pcs	25.00	150.00
Solvent cement	3	Cans	60.00	180.00
Silicon sealant	3	Pcs	190.00	570.00
Butane gas	2	Cans	110.00	220.00
20A Breaker	1	Pc	275.00	275.00
Light Post, Antique	6	Pcs	500.00	3,000.00
Light Bulb, 10W	2	Pcs	315.00	630.00
PRA 38, Yellow light	1	Pc	505.00	505.00
Daylight bulb, 11 watts	5	Pcs	120.00	600.00
Outdoor receptacle, rubber	3	Pcs	35.00	105.00
Receptacle, common	4	Pcs	32.75	131.00
One way swtch	4	Pcs	69.00	276.00
Two Gang Plate	2	Pcs	47.00	94.00
Switch Box	2	Pcs	28.00	56.00
SUB-TOTAL				34,157.00

B. LABOR

	15,370.65
SUB-TOTAL	15,370.65

C. ESTIMATED DIRECT COST (EDC)= a+b	49,527.65
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D. INDIRECT COST/MARK-UP	
OC as_15% of EDC	7,429.15
PROFIT as_10% of EDC	4,952.77
TOTAL OF ( D )	12,381.91

E. VALUE ADDED TAX_5_% of C+D	3,095.48
F. TOTAL COST = C+D+E	65,005.04
G. UNIT COST/ LOT	65,005.04





REPAIR FOR THE DAMAGES DONE BY TYPHOON ODETTE  
IN SNAKE ISLAND NCMCR  
DETAILED ESTIMATE

ITEM OF WORKS:  
  
ITEM NO.:  
WORK DESCRIPTION:

ROOFING WORKS  
  
1013  
ROOFING WORKS

DATE:  
TOTAL COST:

30,094.12

QTY.

1LOT

A. MATERIALS

DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
PVC GUTTER	4.00	PCS	950.00	3,800.00
3/4"THK. MARINE PLYWOOD	6.00	PCS.	1238	7,428.00
2x2x10ft GOOD LUMBER	33.00	BDFT.	55	1,815.00
ASSTD. NAIL	4.00	KGS	85	340.00
12FT CORRUGATED ROOFING	3.00	PCS	750	2,250.00
UMBRELLA NAIL	2.00	KGS	90	180.00

SUB-TOTAL

-

15,813.00

B. LABOR

7,115.85

SUB-TOTAL

-

7,115.85

C. ESTIMATED DIRECT COST (EDC)= a+b

22,928.85

D. INDIRECT COST/MARK-UP

OC as\_15% of EDC

3,439.33

PROFIT as\_10% of EDC

2,292.89

TOTAL OF ( D )

5,732.21

E. VALUE ADDED TAX\_5\_% of C+D

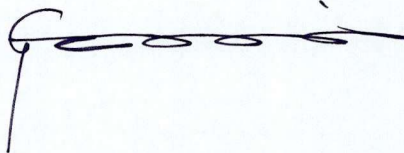
1,433.05

F. TOTAL COST = C+D+E

30,094.12

G. UNIT COST/ LOT

30,094.12

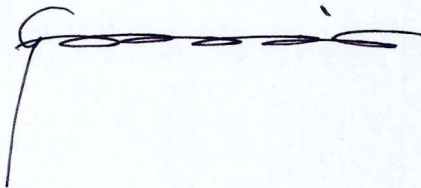




REPAIR FOR THE DAMAGES DONE BY TYPHOON ODETTE  
IN SNAKE ISLAND NCMCR  
DETAILED ESTIMATE

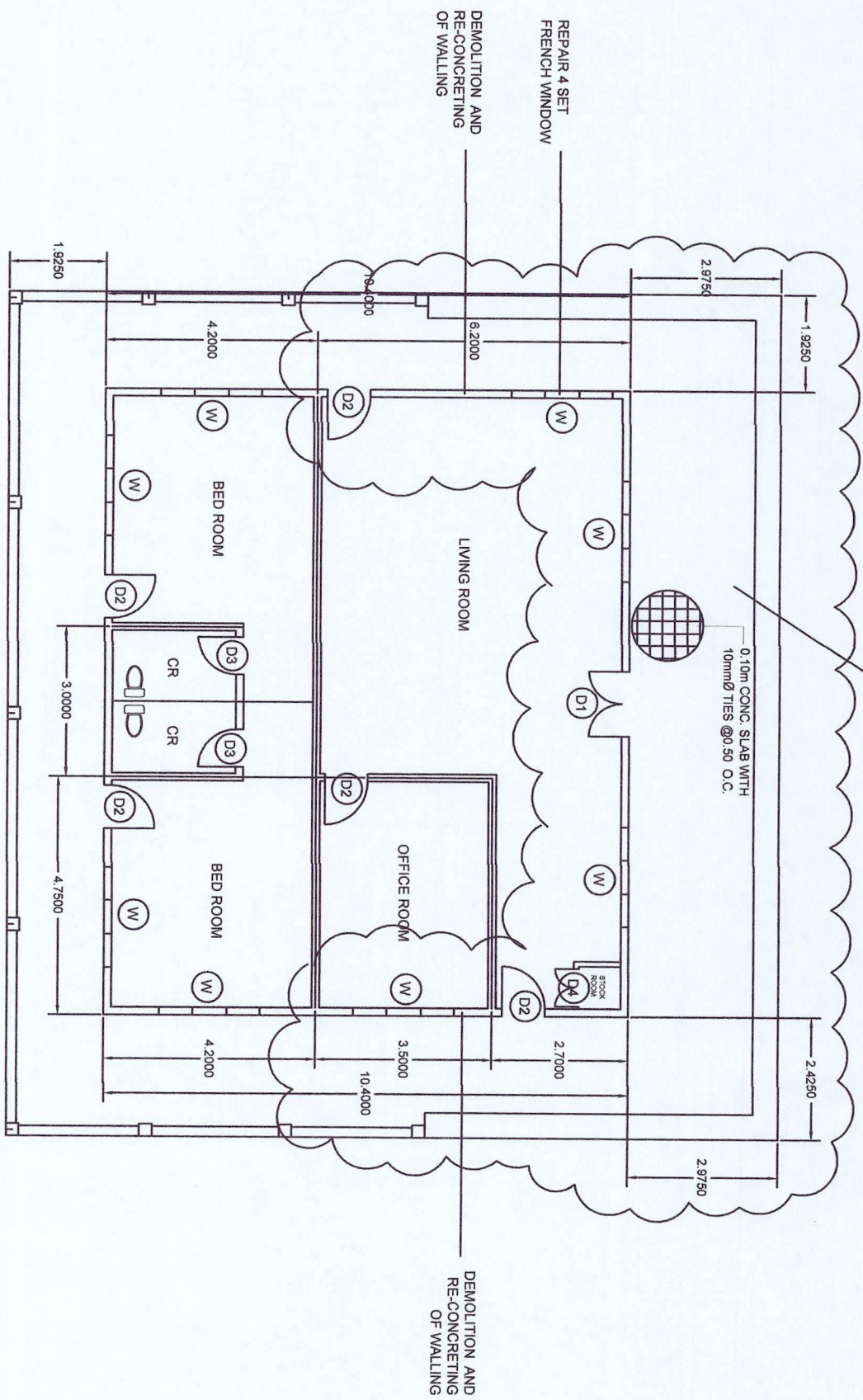
ITEM OF WORKS:	WINDOW	DATE:	
ITEM NO.:	1010	TOTAL COST:	5,709.38
WORK DESCRIPTION:	WINDOW	QTY.	1LOT

A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
GLASS WINDOW	4.00	SQ.M	750	3,000.00	
SUB-TOTAL				-	3,000.00
B. LABOR					
SUB-TOTAL				-	1,350.00
C. ESTIMATED DIRECT COST (EDC)= a+b					4,350.00
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC				652.50	
PROFIT as_10% of EDC				435.00	
TOTAL OF ( D )				1,087.50	
E. VALUE ADDED TAX_5_% of C+D				271.88	
F. TOTAL COST = C+D+E				5,709.38	
G. UNIT COST/ LOT				5,709.38	





DEMOLITION AND RE-CONCRETING  
OF GROUTED RIPRAP, PATHWAY  
AND RAILINGS

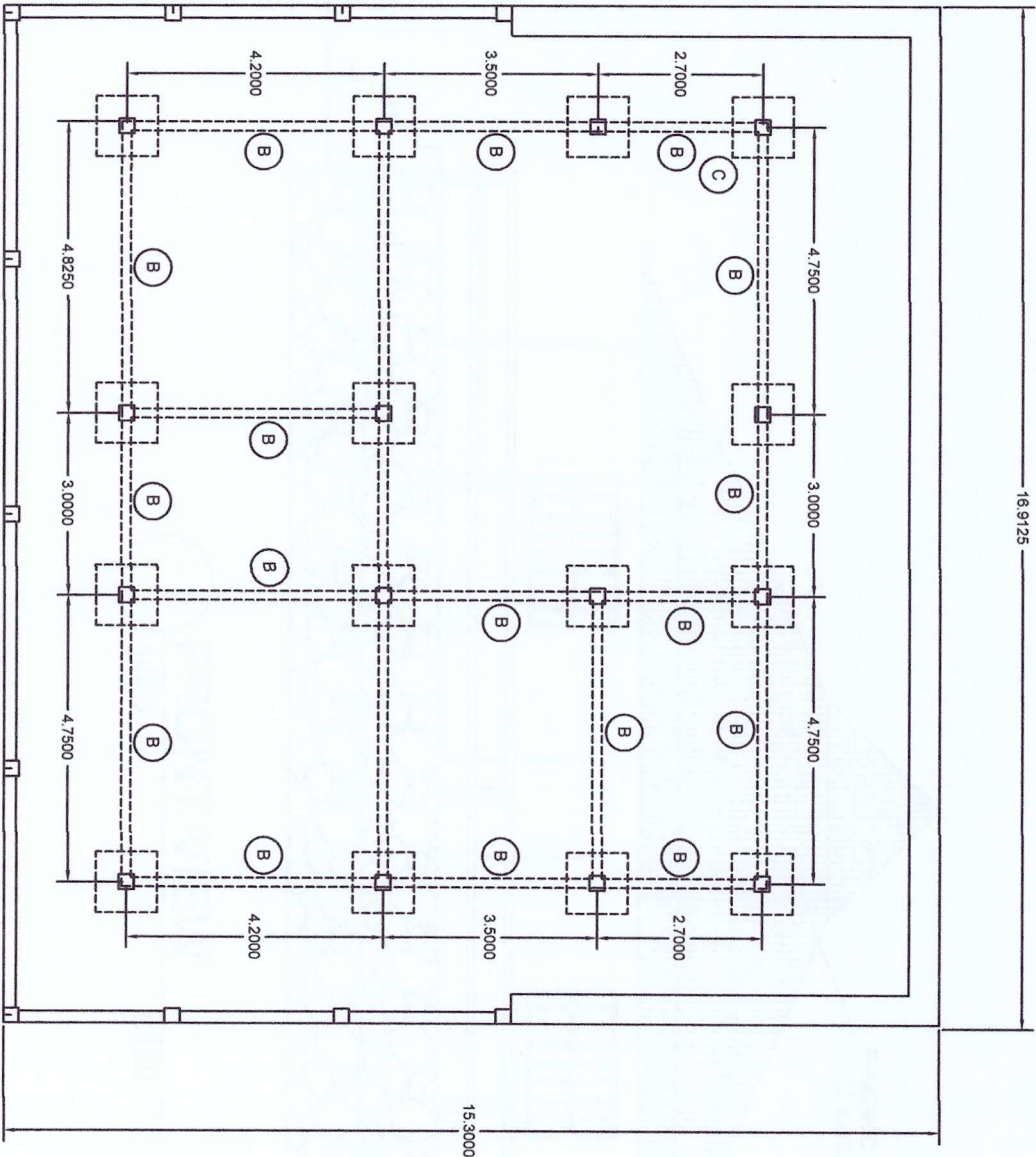


**FLOOR PLAN**  
scale 1:100

PROJECT TITLE:	PREPARED BY:	RECOMMENDING APPROVAL	APPROVED BY:	SHEET NO.
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REPAIR FOR THE DAMAGES DONE BY TYPHOON ODETTE IN SNAKE ISLAND STRUCTURES	 RAYMART B. FUENTES Proj. Monitoring & Evaluation Officer	 RHODORA B. UBANI Supervising ECOMS/ Chief-CDS	 FELIZARDO B. CAVATOC PENRO	1 7
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**FOUNDATION PLAN**  
scale 1:100

PROJECT TITLE: PREPARED BY: RECOMMENDING APPROVAL: APPROVED BY: SHEET NO.

REPAIR FOR THE DAMAGES DONE BY  
TYPHOON ODETTE IN SNAKE ISLAND  
STRUCTURES

*[Signature]*  
RAYMART B. FUENTES  
Prof. Monitoring & Evaluation Officer

RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

*[Signature]*  
FELIZARDO B. CAVATOC  
PENRO

2  
7




PROJECT TITLE:

REPAIR FOR THE DAMAGES  
TYPHOON ODETTE IN SNAK  
STRUCTURES

PROJECT TITLE:

REPAIR FOR THE DAMAGES DONE BY  
TYPHOON ODETTE IN SNAKE ISLAND  
STRUCTURES

PREPARED BY:

  
RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RECOMMENDING APPROVAL

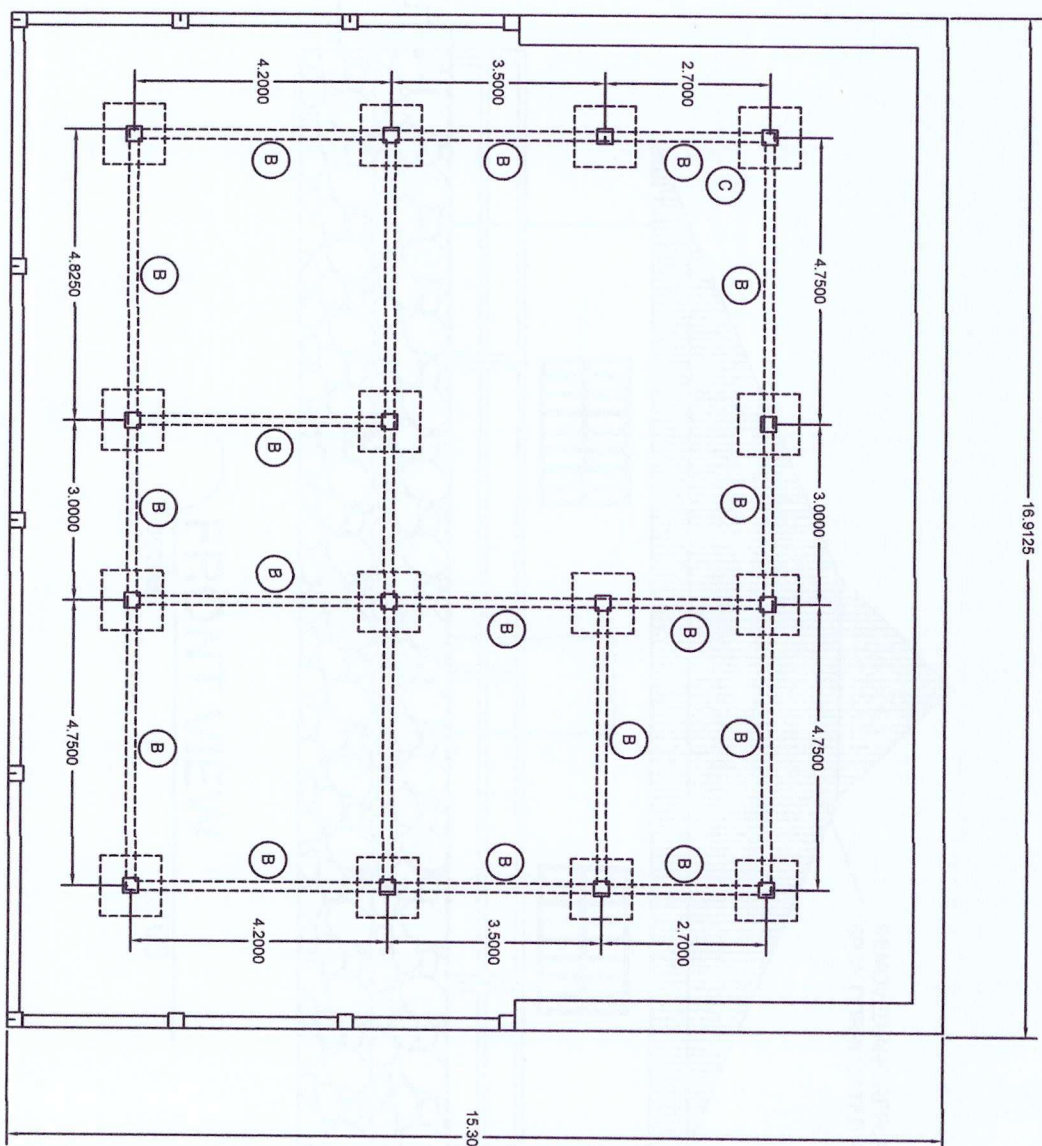
RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

APPROVED BY:

  
FELIZARDO B. CAYATOC  
PENRO

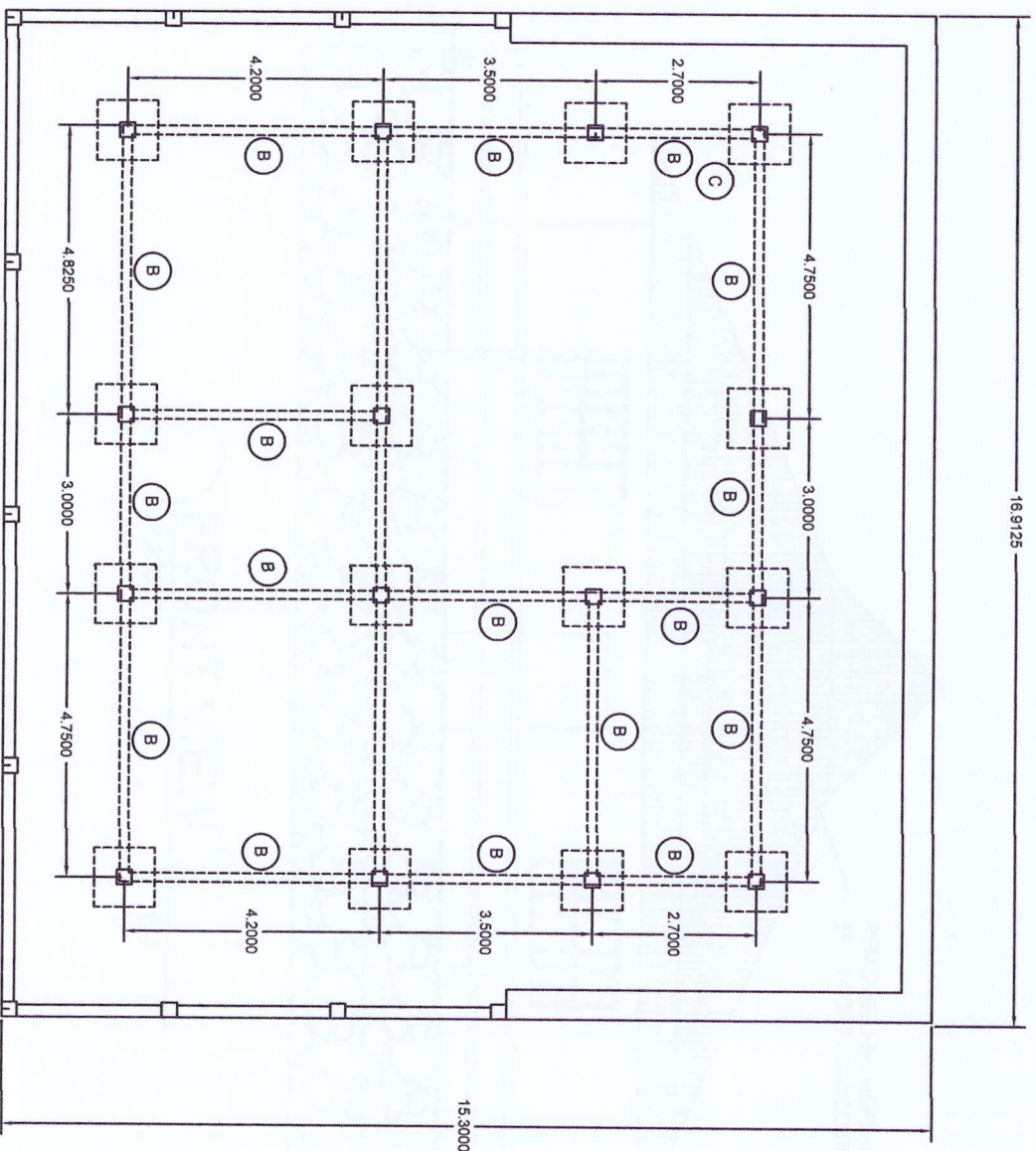
SHEET NO.

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7



 **FOUNDATION PLAN**  
scale 1:100





# FOUNDATION PLAN

scale 1:100

PROJECT TITLE:

REPAIR FOR THE DAMAGES DONE BY  
TYPHOON ODETTE IN SNAKE ISLAND  
STRUCTURES

PREPARED BY:

*[Signature]*  
RAYMART B. FUENTES  
Prof. Monitoring & Evaluation Officer

RECOMMENDING APPROVAL

RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

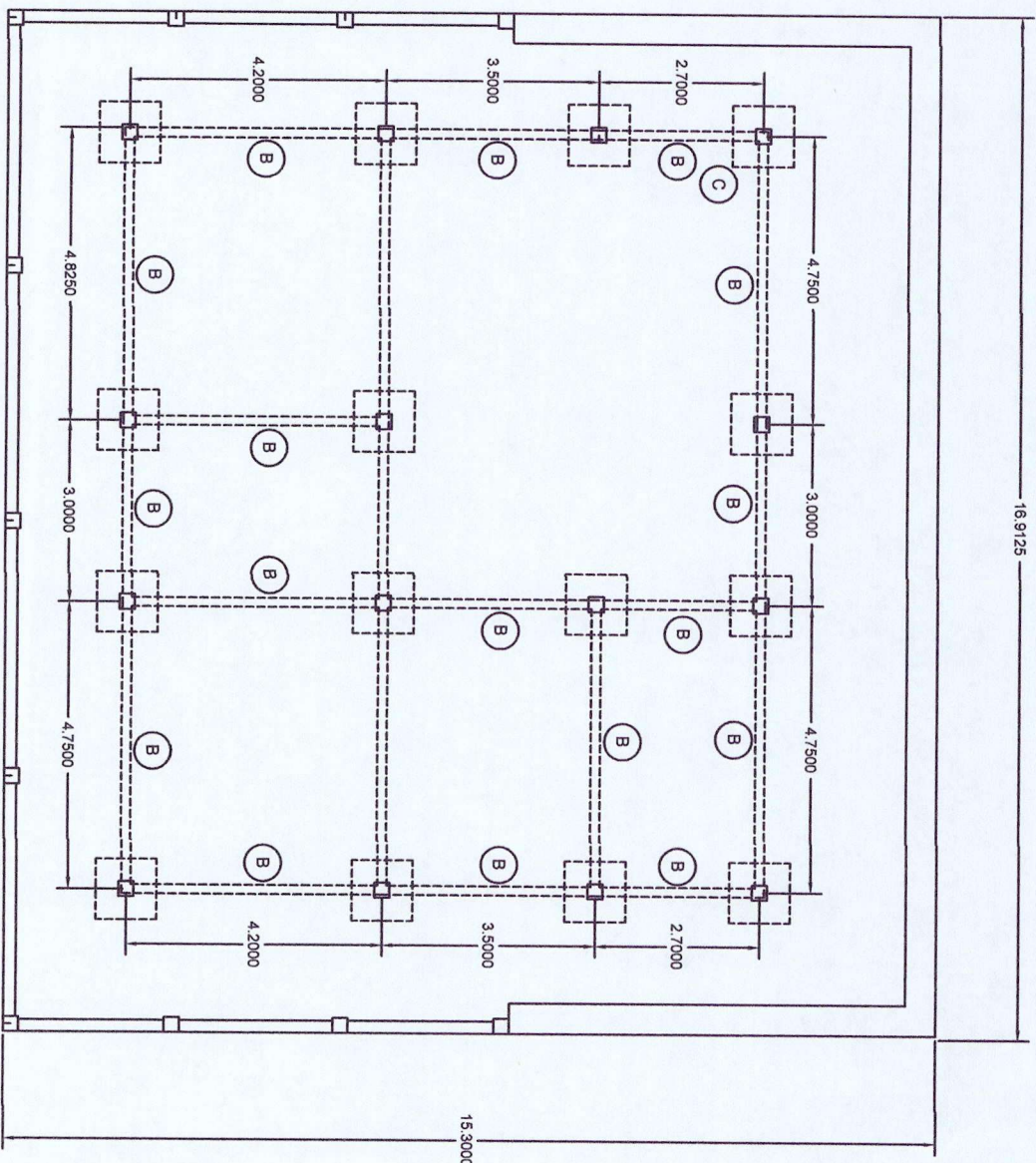
APPROVED BY:

*[Signature]*  
FELIZARDO B. CAVATOC  
PENRO

SHEET NO.


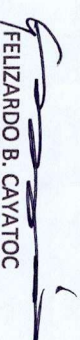
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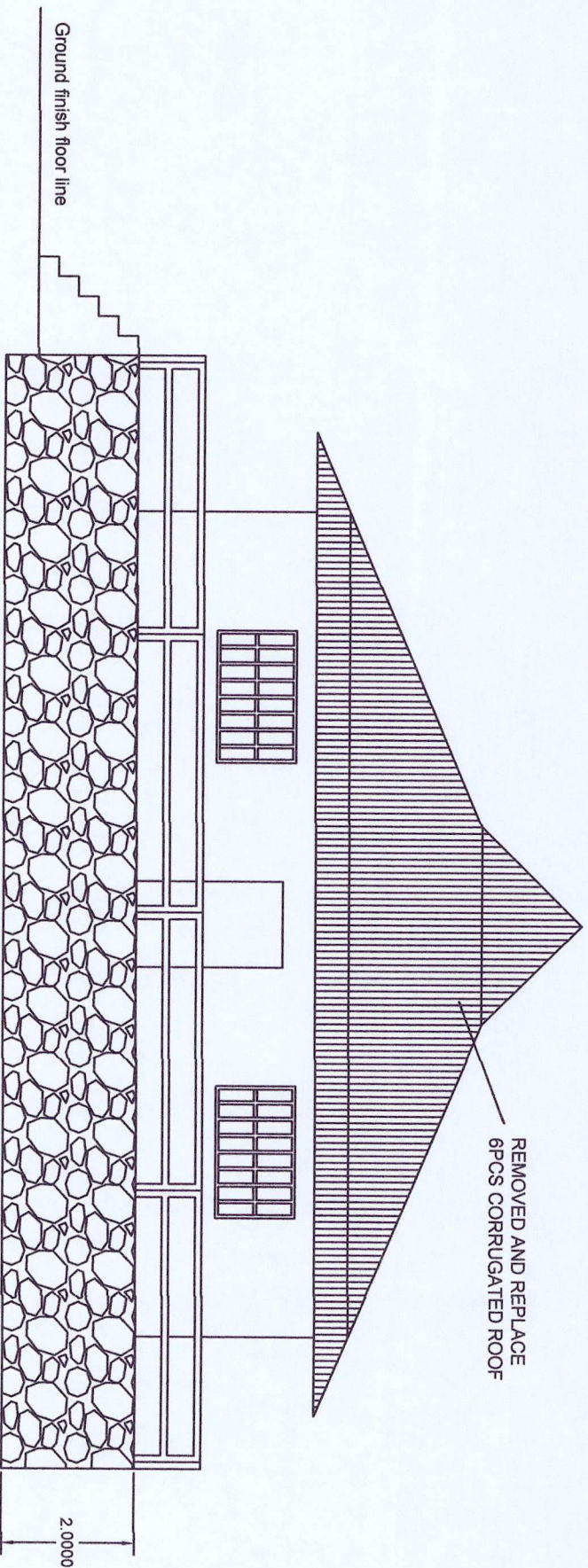


# FOUNDATION PLAN

scale 1:100

PROJECT TITLE:	PREPARED BY:	RECOMMENDING APPROVAL	APPROVED BY:	SHEET NO.
REPAIR FOR THE DAMAGES DONE BY TYPHOON ODETTE IN SNAKE ISLAND STRUCTURES	 RAYMART B. FUENTES Prof. Monitoring & Evaluation Officer	RHODORA B. UBANI Supervising ECOMS/ Chief-CDS	 FELIZARDO B. CAVATOC PENRO	27





## FRONT VIEW

scale 1:100

PROJECT TITLE:

PREPARED BY:

RECOMMENDING APPROVAL

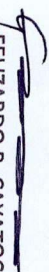
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SHEET NO.

REPAIR FOR THE DAMAGES DONE BY  
TYPHOON ODETTE IN SNAKE ISLAND  
STRUCTURES

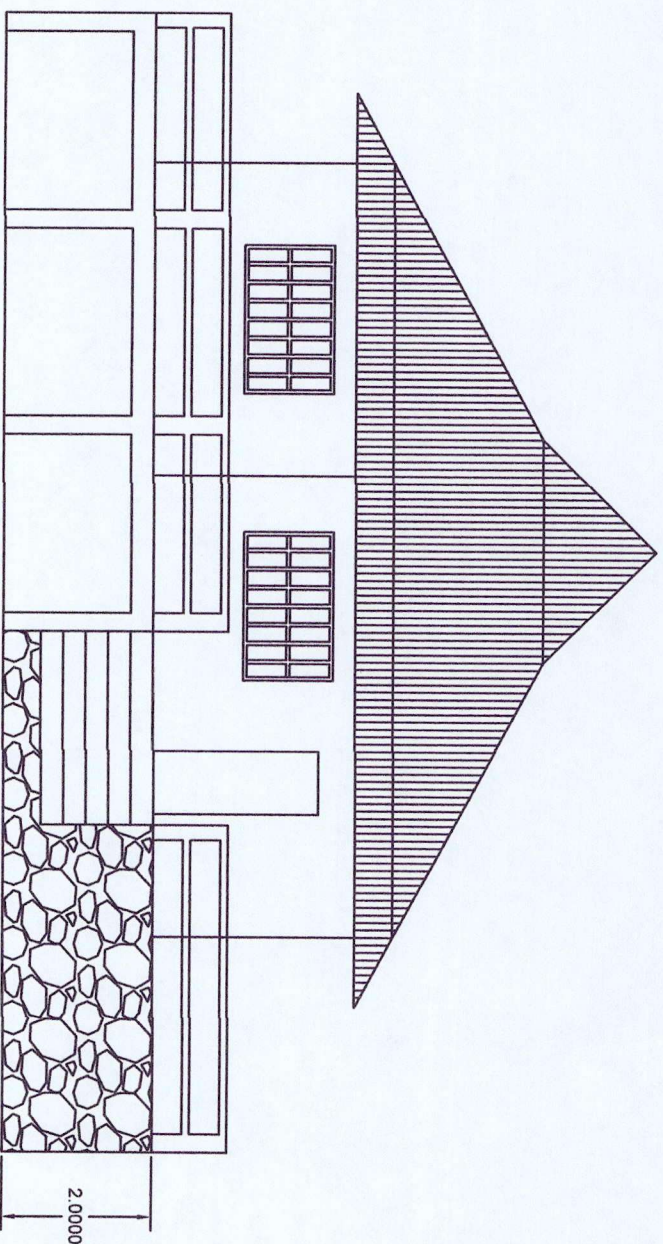
  
RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

  
FELIZARDO B. CAVATOC  
PENRO

3  
7





## RIGHT VIEW


scale

1:100

PROJECT TITLE:

REPAIR FOR THE DAMAGES DONE BY  
TYPHOON ODETTE IN SNAKE ISLAND  
STRUCTURES


PREPARED BY:

  
RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RECOMMENDING APPROVAL

RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

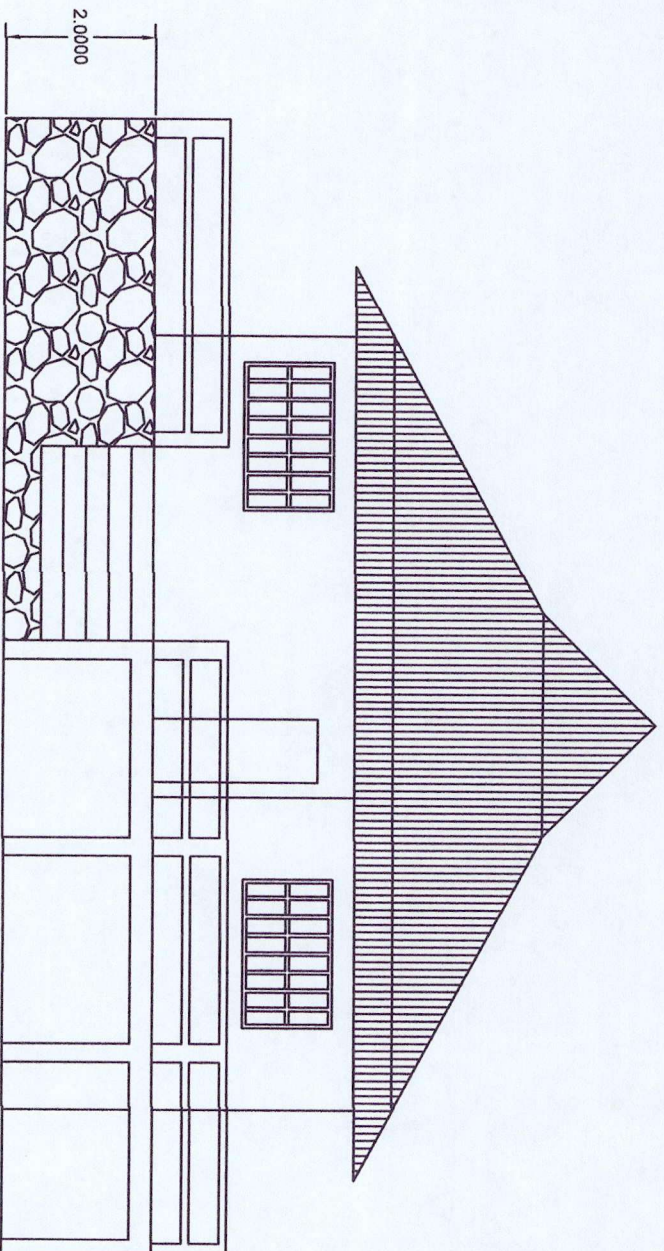
APPROVED BY:

  
FELIZARDO B. CAVATOC  
PENRO


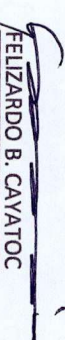
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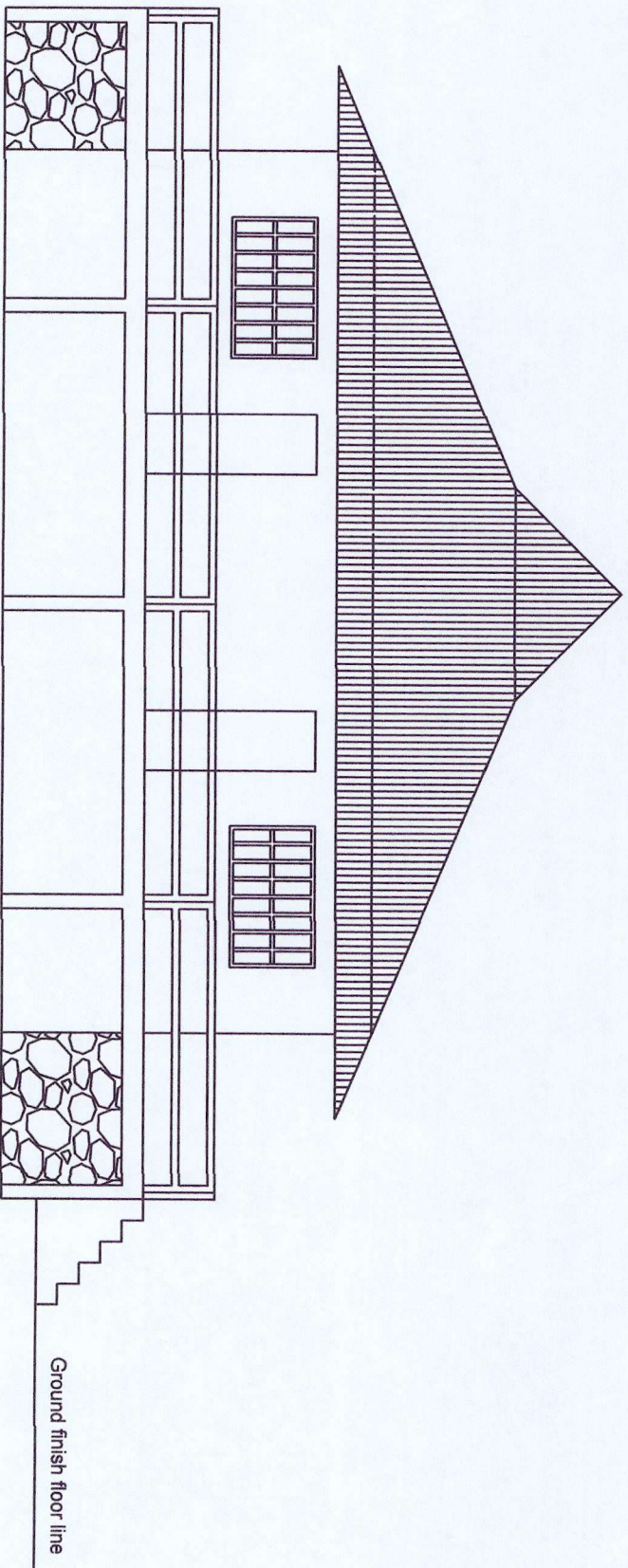





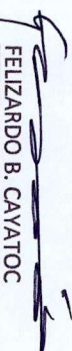
LEFT VIEW  
scale 1:100

PROJECT TITLE:	PREPARED BY:	RECOMMENDING APPROVAL	APPROVED BY:	SHEET NO.
REPAIR FOR THE DAMAGES DONE BY TYPHOON ODETTE IN SNAKE ISLAND STRUCTURES	 RAYMART B. FUENTES Proj. Monitoring & Evaluation Officer	RHODORA B. UBANI Supervising ECOMS/ Chief-CDS	 FELIZARDO B. CAVATOC PENRO	5 7

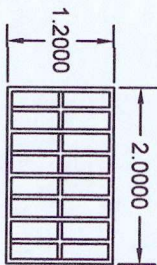





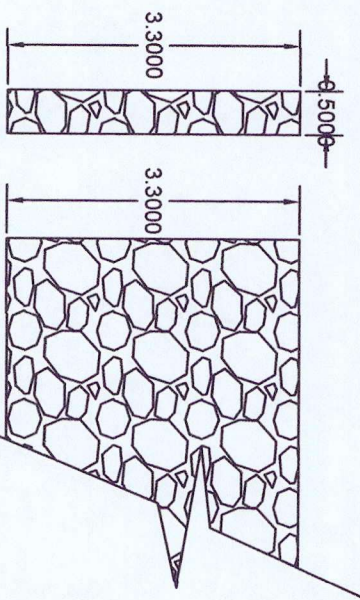
**REAR VIEW**  
scale 1:100


PROJECT TITLE:	PREPARED BY:	RECOMMENDING APPROVAL	APPROVED BY:	SHEET NO.
REPAIR FOR THE DAMAGES DONE BY TYPHOON ODETTE IN SNAKE ISLAND STRUCTURES	 RAYMART B. FUENTES Proj. Monitoring & Evaluation Officer	RHODORA B. UBANI Supervising ECOMS/ Chief-CDS	 FELIZARDO B. CAVATOC PENRO	6 7


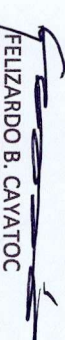




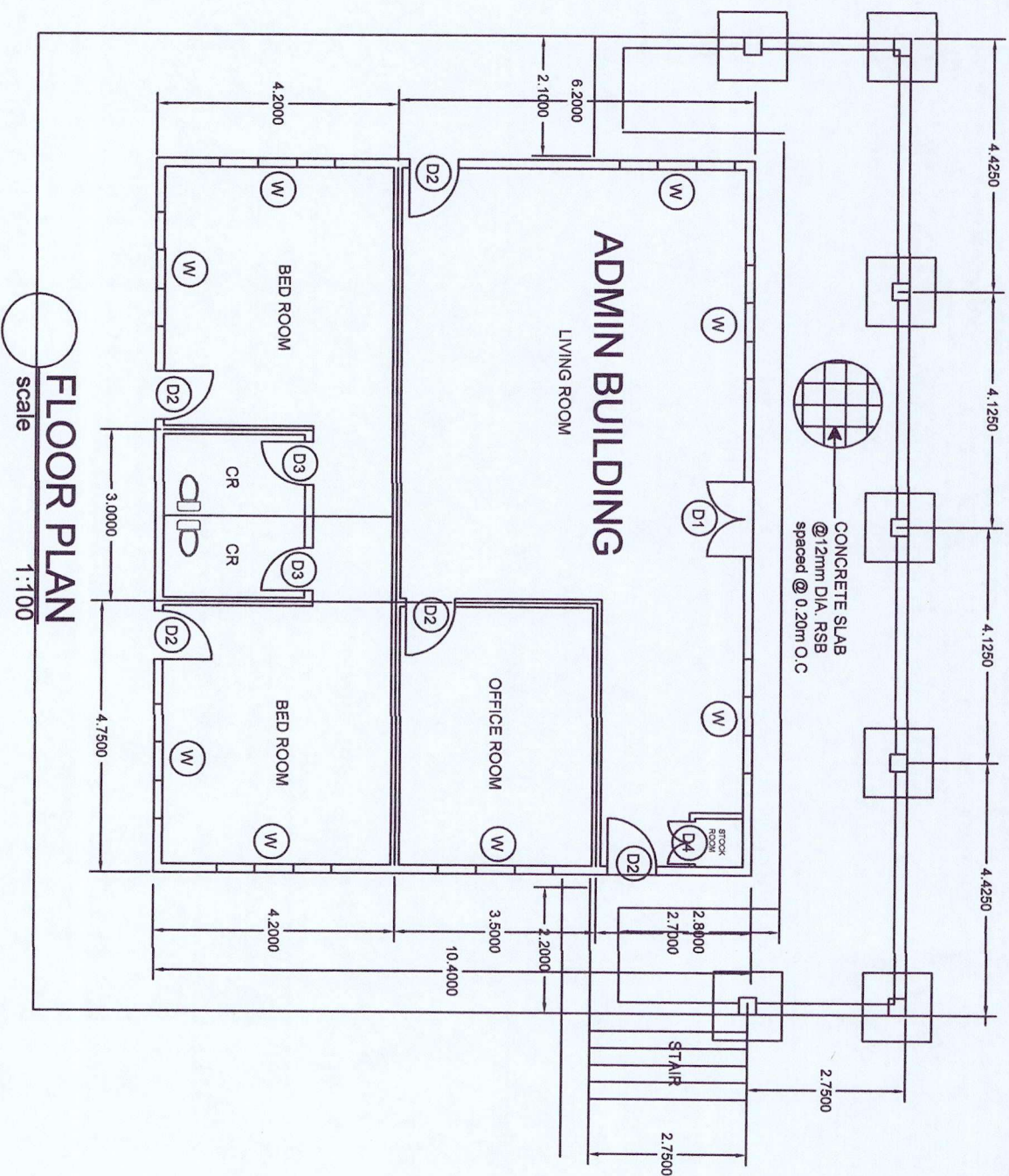

 WINDOW DETAIL  
 SCALE 1:30 MTS.




 GROUTED RIPRAP DETAIL  
 SCALE 1:30 MTS.

PROJECT TITLE:	PREPARED BY:	RECOMMENDING APPROVAL	APPROVED BY:	SHEET NO.
REPAIR FOR THE DAMAGES DONE BY TYPHOON ODETTE IN SNAKE ISLAND STRUCTURES	 RAYMART B. FUENTES Proj. Monitoring & Evaluation Officer	RHODORA B. UBANI Supervising ECOMS/ Chief-CDS	 FELIZARDO B. CAVATOC PENRO	7 7





**FLOOR PLAN**  
scale 1:100

PROJECT TITLE:

REPAIR FOR ADMIN BUILDING  
OF SNAKE ISLAND  
STRUCTURES

PREPARED BY:

*Raymart B. Fuentes*  
RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RECOMMENDING APPROVAL

*Rhoddora B. Ubani*  
RHODDORA B. UBANI  
Supervising ECOMS/ Chief-CDS

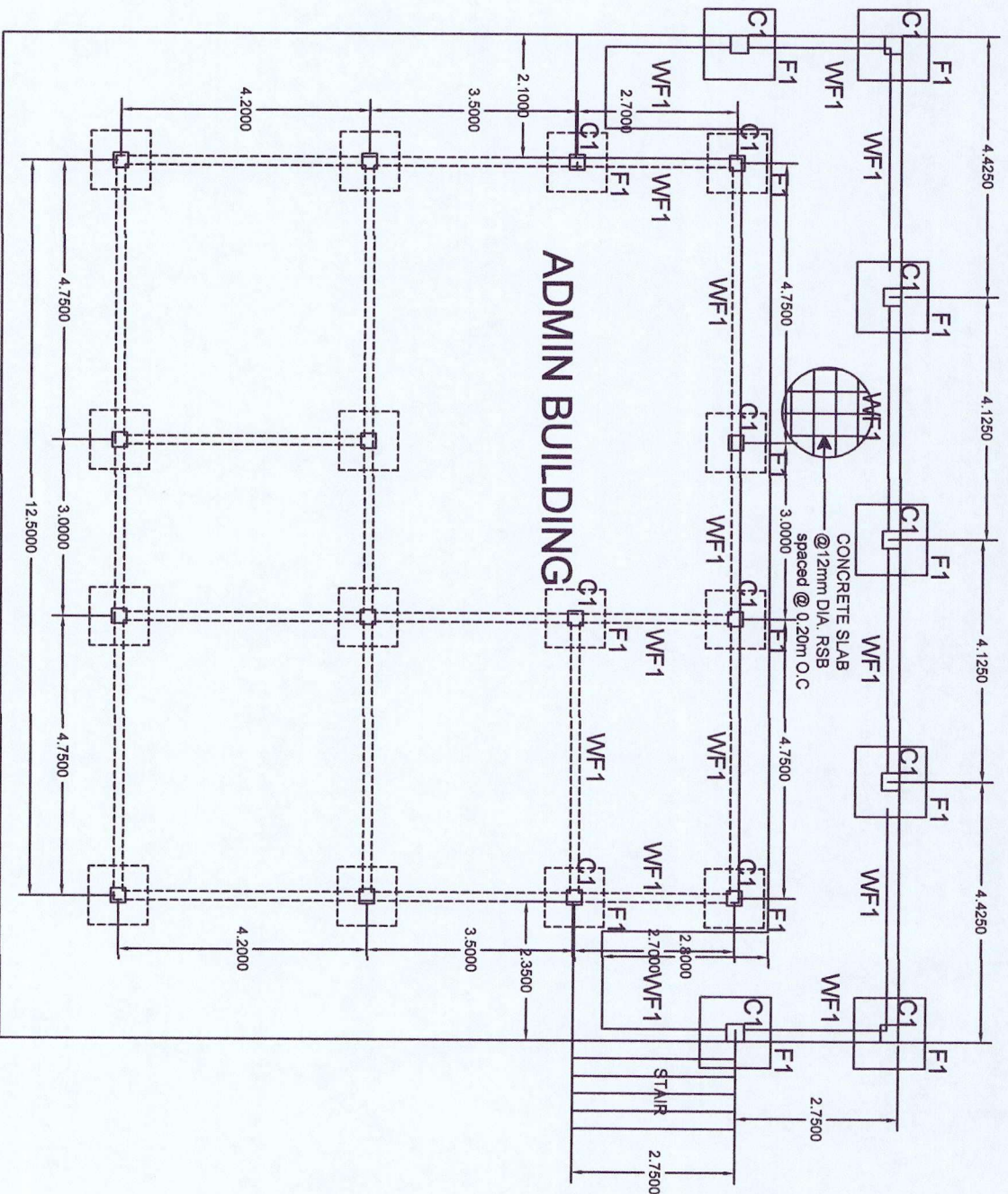
APPROVED BY:

*Felizardo B. Cavatoc*  
FELIZARDO B. CAVATOC  
PENRO

SHEET NO.

1  
7





FOUNDATION PLAN  
scale 1:100

PROJECT TITLE:

REPAIR FOR ADMIN BUILDING  
OF SNAKE ISLAND  
STRUCTURES

PREPARED BY:

RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RECOMMENDING APPROVAL

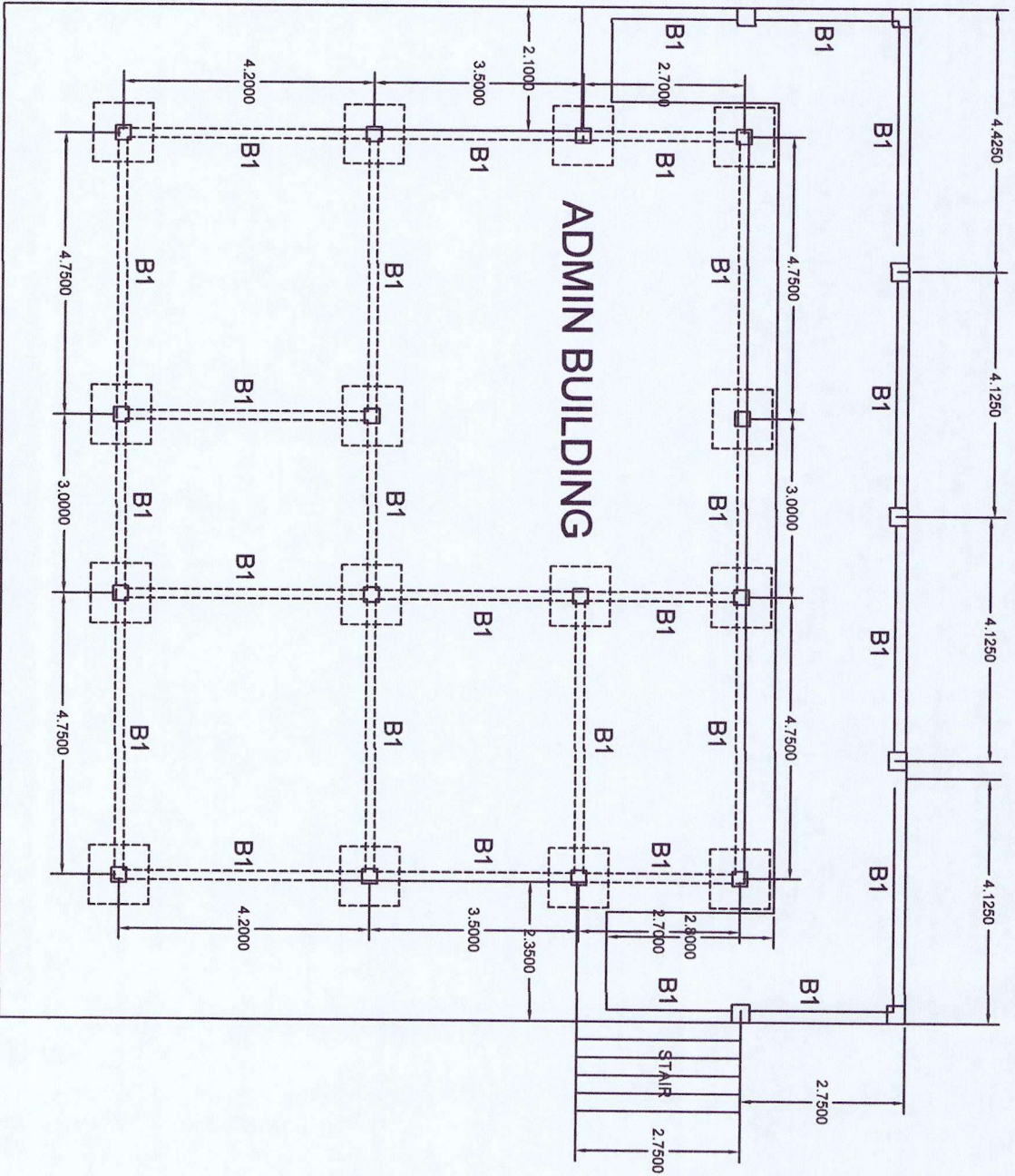
RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

APPROVED BY:

FELIZARDO B. CAVATOC  
PENRO

SHEET NO.

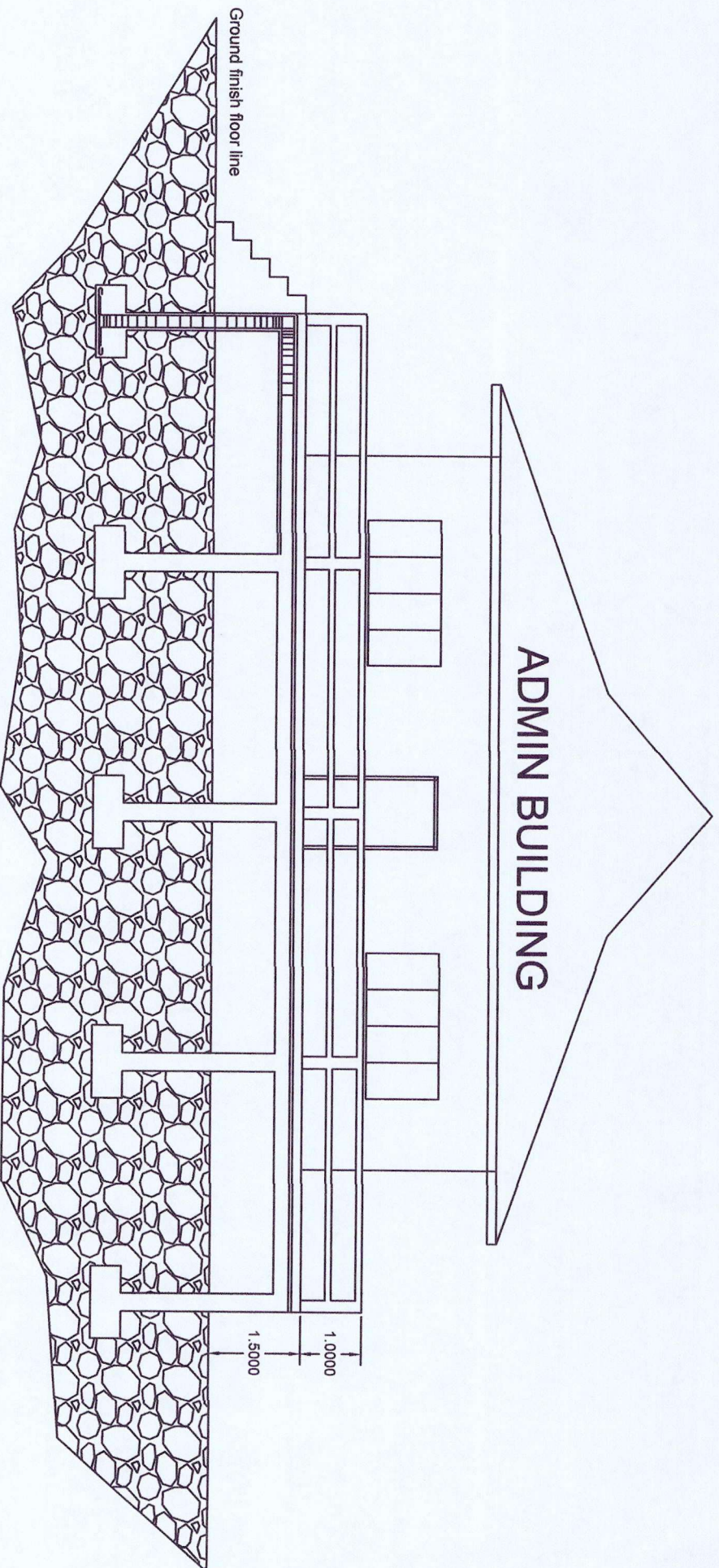




**FLOOR BEAM PLAN**  
scale

PROJECT TITLE:	PREPARED BY:	RECOMMENDING APPROVAL	APPROVED BY:	SHEET NO.
REPAIR FOR ADMIN BUILDING OF SNAKE ISLAND STRUCTURES	 RAYMART B. FUENTES Proj. Monitoring & Evaluation Officer	 RHODORA B. UBANI Supervising ECOMS/ Chief-CDS	 FELIZARDO B. CAYATOC PENRO	3 / 7





## FRONT VIEW

scale

1:100

PROJECT TITLE:

PREPARED BY:

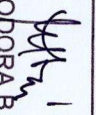
RECOMMENDING APPROVAL

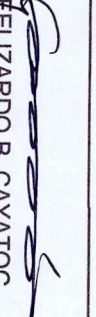
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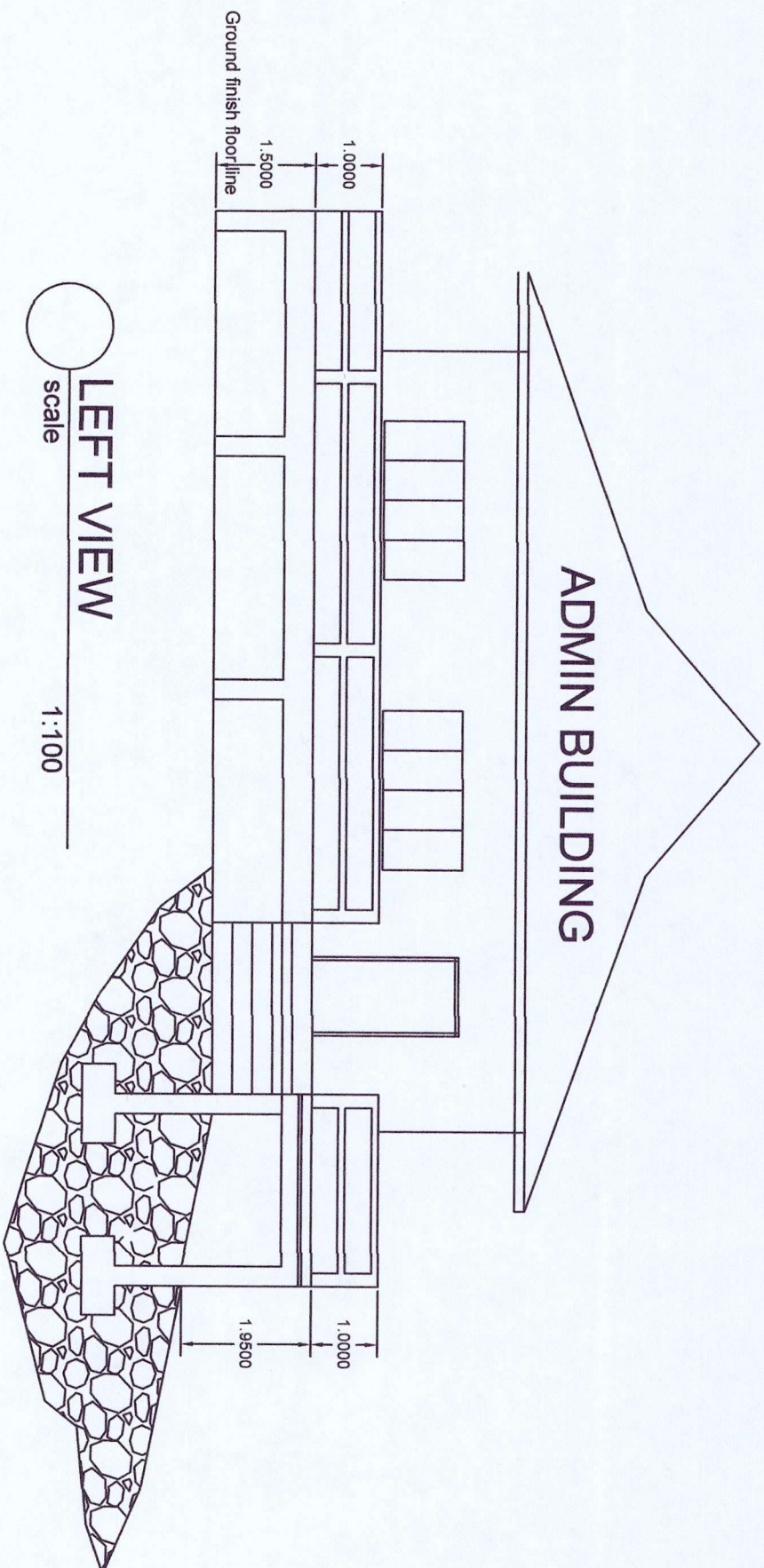
REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND  
STRUCTURES

  
RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

  
RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

  
FELIZARDO B. CAVATOC  
PENRO





PROJECT TITLE:

PREPARED BY:


RECOMMENDING APPROVAL


APPROVED BY:

SHEET NO.

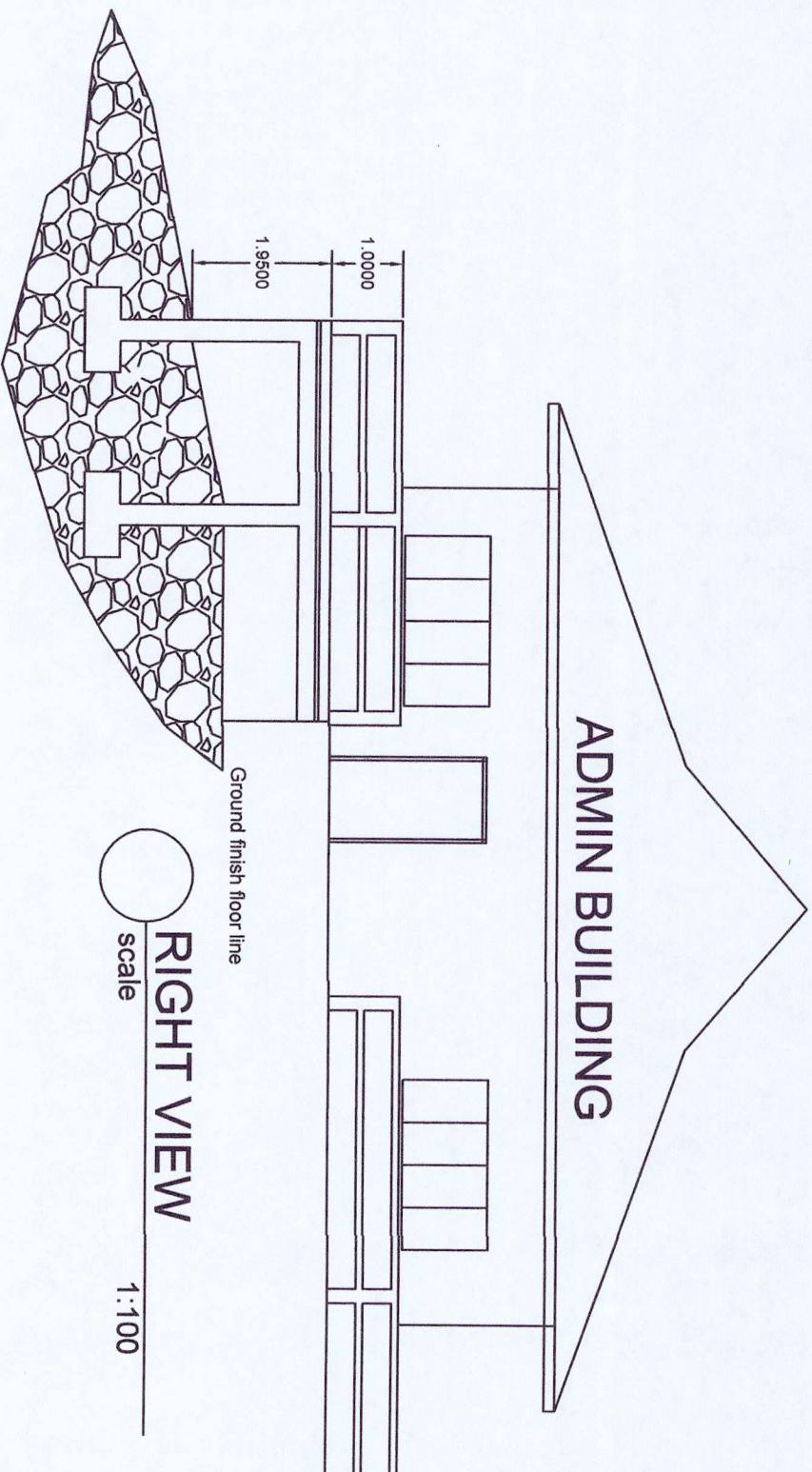
REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND  
STRUCTURES

  
RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

  
RHODDRA B. UBANI  
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FELIZARDO B. CAVATOC  
PENRO





PROJECT TITLE:

PREPARED BY:

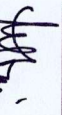
RECOMMENDING APPROVAL


APPROVED BY:

SHEET NO.


REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND  
STRUCTURES

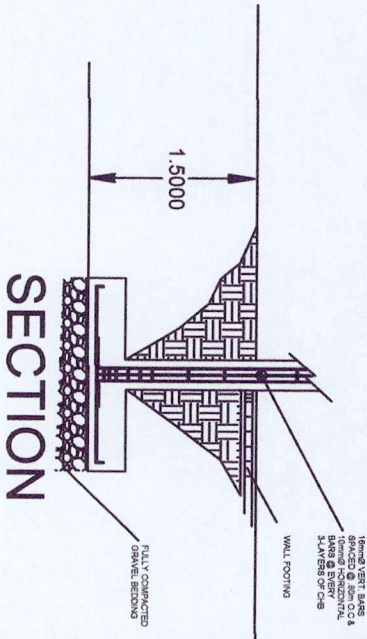
  
RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

  
RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

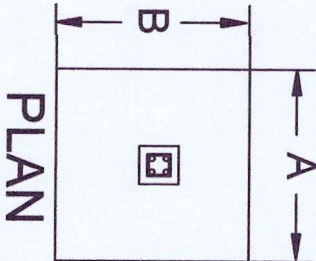
  
FELIZARDO B. CAVATOC  
PENRO




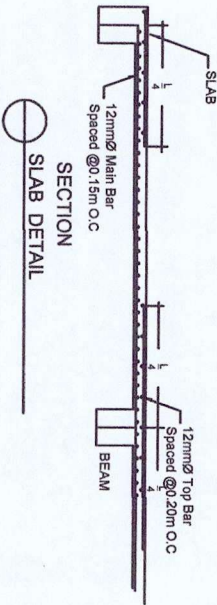
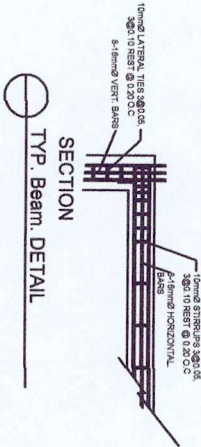
SCHEDULE OF COLUMNS			
COLUMN TYPE	FLOOR		
C1			
			


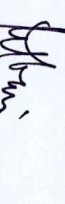



SCHEDULE OF FOOTING					
MARK	SIZE			REINFORCEMENT	
	A	B	T	BOTTOM BARS ALONG 'A'	BOTTOM BARS ALONG 'B'
F1	1000	1000	300	5-16mm <sup>2</sup>	5-16mm <sup>2</sup>
W/F1	200		300		4-12mm <sup>2</sup>
W/F2					10mm <sup>2</sup> TIES SPACED @ 200mm O.C.



SCHEDULE OF BEAM			
BEAM TYPE	FLOOR		
B1			
			



PROJECT TITLE:  REPAIR FOR ADMIN BUILDING OF SNAKE ISLAND STRUCTURES	PREPARED BY:   RAYMART B. FUENTES Proj. Monitoring & Evaluation Officer	RECOMMENDING APPROVAL   RHODORA B. UBANI Supervising ECOMS/ Chief-CDS	APPROVED BY:   FELIZARDO B. CAYATOC PENRO	SHEET NO.  7 7
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REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
REGION IV-B MIMAROPA  
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

PROGRAM OF WORKS

PROJECT: REPAIR FOR ADMIN BUILDING OF SNAKE ISLAND STRUCTURES

LOCATION: SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY

APPROPRIATION: Php2,400,000.00

CAL. DAYS TO COMPLETE: 150 DAYS

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	<b>OTHER GENERAL REQUIREMENTS</b>				
B.5	PROJECT BILLBOARD/SIGNBOARD	1	LOT	8,859.38	8,859.38
	OCCUPATIONAL SAFETY AND				
B.7	HEALTH PROGRAM	1	LOT	9,355.50	9,355.50
	MOBILIZATION /				
B.9	DEMOBILIZATION	1	LOT	15,750.00	15,750.00
	<b>EARTHWORKS</b>				-
1700(1)	CLEARING & GRUBBING	1	LOT	52,500.00	52,500.00
803 (1) c	STRUCTURE EXCAVATION	80	CU.M.	797.34	63,787.50
	<b>STRUCTURAL CONCRETE</b>				-
405(1)	STRUCTURAL CONCRETE CLASS A	105	CU.M.	10,383.19	1,090,234.69
405 (6)	STRUCTURAL CONCRETE,PAINTING WO	1	LOT	30,024.76	30,024.76
	<b>MASONRY WORKS</b>				
1046(2)a	MASONRY WORKS	1	LOT	414,795.94	414,795.94
	<b>REINFORCING STEEL BARS</b>				-
902.1.a2	REINFORCING STEEL BARS	4645.2	KLS	87.65	407,137.26
	<b>FORMS AND FALSEWORKS</b>				-
414	FORMS AND FALSEWORKS	1	LOT	307,554.98	307,554.98
SUB-TOTAL					2,400,000.00

DIRECT COST

1 MATERIALS	1,379,026.57	
2 LABOR	453,516.85	
TOTAL DIRECT COST	1,832,543.43	76.36%
OCM EXPENSES	271,416.51	11.31%
CONTRACTOR PROFIT	181,754.34	7.57%
VAT	114,285.71	4.76%
	2,400,000.00	

TOTAL APROPRIATION	PHp.	2,400,000.00	100.00%
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Prepared by:

  
RAYMART B. FUENTES


Proj. Monitoring & Evaluation Officer  
Technical Staff, CDS

Recommending Approval:

  
RHODORA B. UBANI

Supervising ECOMS/ Chief-CDS

Approved:

  
FELIZARDO B. CAYATOC

PENRO



REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND STRUCTURES  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	OTHER GENERAL REQUIREMENTS			DATE:	
				TOTAL COST:	8,859.38
ITEM NO.:	B.5				
WORK DESCRIPTION:	PROJECT BILLBOARD/SIGNBOARD			QTY.	1 LOT
A. MATERIALS					
DESCRIPTION		QUANTITY	UNIT	UNIT COST	AMOUNT
PROJECT BILLBOARD/SIGNBOARD		1	L.S	5,000.00	5,000.00
					-
		SUB-TOTAL			5,000.00
B. LABOR					
					1,750.00
					-
		SUB-TOTAL			1,750.00
C. ESTIMATED DIRECT COST (EDC)= a+b					6,750.00
D. INDIRECT COST/MARK-UP					
		OC as_15% of EDC			1,012.50
		PROFIT as_10% of EDC			675.00
		TOTAL OF ( E )			1,687.50
E. VALUE ADDED TAX_5_% of C+D					421.88
F. TOTAL COST = C+D+E					8,859.38
G. UNIT COST/ LOT					8,859.38





REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND STRUCTURES  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	OTHER GENERAL REQUIREMENTS			DATE:	
				TOTAL COST:	9,355.50
ITEM NO.:	B.7				
WORK DESCRIPTION:	OCCUPATIONAL SAFETY AND HEALTH PRO QTY.				1 LOT
A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
PPE's	1	L.S	6,000.00	6,000.00	
	SUB-TOTAL			6,000.00	
B. LABOR					
				2,100.00	
	SUB-TOTAL			2,100.00	
C. ESTIMATED DIRECT COST (EDC)= a+b				8,100.00	
D. INDIRECT COST/MARK-UP					
	OC as_15% of EDC				
	PROFIT as_10% of EDC			810.00	
	TOTAL OF ( E )			810.00	
E. VALUE ADDED TAX_5_% of C+D				445.50	
F. TOTAL COST = C+D+E				9,355.50	
G. UNIT COST/ LOT				9,355.50	





REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND STRUCTURES  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	OTHER GENERAL REQUIREMENTS			DATE:	
ITEM NO.:	B.9			TOTAL COST:	15,750.00
WORK DESCRIPTION:	MOBILIZATION / DEMOBILIZATION			QTY.	1 LOT
A. MATERIALS					
DESCRIPTION		QUANTITY	UNIT	UNIT COST	AMOUNT
MOBILIZATION / DEMOBILIZATION		1	L.S	15,000.00	15,000.00
					-
		SUB-TOTAL			15,000.00
B. LABOR					
		SUB-TOTAL			0.00
C. ESTIMATED DIRECT COST (EDC)= a+b					15,000.00
D. INDIRECT COST/MARK-UP					
		OC as_15% of EDC			
		PROFIT as_10% of EDC			
		TOTAL OF ( E )			0.00
E. VALUE ADDED TAX_5_% of C+D					750.00
F. TOTAL COST = C+D+E					15,750.00
G. UNIT COST/ LOT					15,750.00





REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND STRUCTURES  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:		EARTHWORKS		DATE:	
ITEM NO.:		1700(1)		TOTAL COST:	52,500.00
WORK DESCRIPTION:		CLEARING & GRUBBING		QTY.	1 LOT
A. MATERIALS					
DESCRIPTION		QUANTITY	UNIT	UNIT COST	AMOUNT
CLEARING & GRUBBING		1	L.S.	40,000.00	40,000.00
					-
		SUB-TOTAL			40,000.00
B. LABOR					
					-
		SUB-TOTAL			0.00
C. ESTIMATED DIRECT COST (EDC)= a+b				40,000.00	
D. INDIRECT COST/MARK-UP					
		OC as_15% of EDC		6,000.00	
		PROFIT as_10% of EDC		4,000.00	
		TOTAL OF ( E )		10,000.00	
E. VALUE ADDED TAX_5_% of C+D				2,500.00	
F. TOTAL COST = C+D+E				52,500.00	
G. UNIT COST/ LOT				52,500.00	





REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND STRUCTURES  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	EARTHWORKS			DATE:	
ITEM NO.:	803 (1) c			TOTAL COST:	63,787.50
WORK DESCRIPTION:	STRUCTURE EXCAVATION & BACKFILLING			QTY.	80 cu.m.
A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
REMOVAL OF SEDIMENT	80	cu.m.	450	36,000.00	
				-	
				-	
	SUB-TOTAL			36,000.00	
B. LABOR				12,600.00	
				-	
	SUB-TOTAL			12,600.00	
C. ESTIMATED DIRECT COST (EDC)= a+b				48,600.00	
D. INDIRECT COST/MARK-UP					
	OC as_15% of EDC			7,290.00	
	PROFIT as_10% of EDC			4,860.00	
	TOTAL OF ( E )			12,150.00	
E. VALUE ADDED TAX_5_% of D+E				3,037.50	
F. TOTAL COST = D+E+F				63,787.50	
G. UNIT COST/ LOT				797.34	





REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND STRUCTURES  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	STRUCTURAL CONCRETE			DATE:	
				TOTAL COST:	1,090,234.69
ITEM NO.:	405(1)				
WORK DESCRIPTION:	STRUCTURAL CONCRETE CLASS A			QTY.	105 Cu.m
A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
CEMENT	1155	BAGS	360.00	415,800.00	
G1-GRAVEL	70	Cu.m	1,900.00	133,000.00	
WASHED SAND	35	Cu.m	1,900.00	66,500.00	
SUB-TOTAL				615,300.00	
B. LABOR					
				215,355.00	
SUB-TOTAL				215,355.00	
C. ESTIMATED DIRECT COST (EDC)= a+b				830,655.00	
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC				124,598.25	
PROFIT as_10% of EDC				83,065.50	
TOTAL OF ( D )				207,663.75	
E. VALUE ADDED TAX_5_% of C+D				51,915.94	
F. TOTAL COST = C+D+E				1,090,234.69	
G. UNIT COST/ LOT				10,383.19	





REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND STRUCTURES  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	STRUCTURAL CONCRETE,PAINTING WORK			DATE:	
				TOTAL COST:	30,024.76
ITEM NO.:	405 (6)				
WORK DESCRIPTION:	STRUCTURAL CONCRETE,PAINTING WORKS QTY.				1 LOT
A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
SEMI LATEX PAINT (BLOCK)	2	GALS	679.964	1,359.93	
SEMI LATEX PAINT (WHITE)	15	GALS	680	10,200.00	
SEMI LATEX PAINT (GREEN)	8	GALS	680	5,440.00	
PAINT BRUSH (2")	9	PCS	33	297.00	
PAINT BRUSH (1")	9	PCS	20	180.00	
PAINT BRUSH (1/2")	6	PCS	20	120.00	
				-	
	SUB-TOTAL			17,596.93	
B. LABOR					
				5,279.08	
				-	
	SUB-TOTAL			5,279.08	
C. ESTIMATED DIRECT COST (EDC)= a+b				22,876.01	
D. INDIRECT COST/MARK-UP					
	OC as_15% of EDC			3,431.40	
	PROFIT as_10% of EDC			2,287.60	
	TOTAL OF ( D )			5,719.00	
E. VALUE ADDED TAX_5_% of C+D				1,429.75	
F. TOTAL COST = C+D+E				30,024.76	
G. UNIT COST/ LOT				30,024.76	





REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND STRUCTURES  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	MASONRY WORKS			DATE:	
ITEM NO.:	1046(2)a			TOTAL COST:	414,795.94
WORK DESCRIPTION:	MASONRY WORKS			QTY.	3411.18 Kls
A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
PORTLAND CEMENT	330.00	BAGS	360	118,800.00	
WASHED SAND	22.00	CU.M.	1900	41,800.00	
4" CHB	2,450.00	PCS	30	73,500.00	
SUB-TOTAL				234,100.00	
B. LABOR					
SUB-TOTAL				81,935.00	
C. ESTIMATED DIRECT COST (EDC)= a+b				316,035.00	
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC				47,405.25	
PROFIT as_10% of EDC				31,603.50	
TOTAL OF ( D )				79,008.75	
E. VALUE ADDED TAX_5_% of C+D				19,752.19	
F. TOTAL COST = C+D+E				414,795.94	
G. UNIT COST/ LOT				414,795.94	





REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND STRUCTURES  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	REINFORCING STEEL BARS			DATE:	
				TOTAL COST:	407,137.26
ITEM NO.:	902.1.a2				
WORK DESCRIPTION:	REINFORCING STEEL BARS GRADE 60			QTY.	3411.18 Kls
A. MATERIALS					
	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
	16 mm Dia. RSB	2559.6	Kls	42.21	108,040.72
	12 mm Dia. RSB	1602	Kls	46.82	75,005.64
	10 mm Dia. RSB	483.6	Kls	51.08	24,702.29
	#16 TIE WIRE	186.00	kls	85	15,810.00
	HACKSAW BLADE	9.00	box	691	6,219.00
					-
		SUB-TOTAL			229,777.64
B. LABOR					
					80,422.18
					-
		SUB-TOTAL			80,422.18
					-
					310,199.82
C. ESTIMATED DIRECT COST (EDC)= a+b					
D. INDIRECT COST/MARK-UP					
		OC as_15% of EDC			46,529.97
		PROFIT as_10% of EDC			31,019.98
		TOTAL OF ( D )			77,549.95
E. VALUE ADDED TAX_5_% of C+D					
					19,387.49
F. TOTAL COST = C+D+E					
					407,137.26
G. UNIT COST/ LOT					
					87.65





REPAIR FOR ADMIN BUILDING OF  
SNAKE ISLAND STRUCTURES  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:		FORMS AND FALSEWORKS		DATE:	
ITEM NO.:		414		TOTAL COST:	307,554.98
WORK DESCRIPTION:		FORMS AND FALSEWORKS		QTY.	1 LOT
A. MATERIALS					
DESCRIPTION		QUANTITY	UNIT	UNIT COST	AMOUNT
3/4"THK. MARINE PLYWOOD		100.00	PCS.	1134.42	113,442.00
2'x2'x10' GOOD LUMBER		1,000.00	BDFT.	35	35,000.00
2'x3'x10' GOOD LUMBER		750.00	BDFT.	35	26,250.00
ASSTD. NAIL (1")		20.00	KGS	70	1,400.00
ASSTD. NAIL (2 1/2")		40.00	KGS	54	2,160.00
ASSTD. NAIL (3")		40.00	KGS	50	2,000.00
					-
SUB-TOTAL					180,252.00
B. LABOR					
					54,075.60
					-
SUB-TOTAL					54,075.60
C. ESTIMATED DIRECT COST (EDC)= a+b					234,327.60
D. INDIRECT COST/MARK-UP					
		OC as_15% of EDC			35,149.14
		PROFIT as_10% of EDC			23,432.76
		TOTAL OF ( D )			58,581.90
E. VALUE ADDED TAX_5_% of C+D					14,645.48
F. TOTAL COST = C+D+E					307,554.98
G. UNIT COST/ LOT					307,554.98





REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
REGION IV-B MIMAROPA  
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE


PROGRAM OF WORKS

PROJECT: CONSTRUCTION OF DIVE HOUSE AT SNAKE ISLAND  
LOCATION: SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
APPROPRIATION: Php1,800,000.00  
CAL. DAYS TO COMPLETE: 120 DAYS

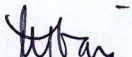
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>GENERAL REQUIREMENTS</b>					
A.1.1(5)	CONSTRUCTION OF TEMP. FACILITIES	1	LOT	32,812.50	32,812.50
	<b>OTHER GENERAL REQUIREMENTS</b>				-
B.5	PROJECT BILLBOARD/SIGNBOARD	1	LOT	8,859.38	8,859.38
	<b>OCCUPATIONAL SAFETY AND HEALTH</b>				
B.7	PROGRAM	1	LOT	9,355.50	9,355.50
B.9	MOBILIZATION / DEMOBILIZATION	1	LOT	8,610.00	8,610.00
	<b>EARTHWORKS</b>				-
803 (1) c	STRUCTURE EXCAVATION & BACKFILLING	25	CU.M.	797.34	19,933.59
	<b>STRUCTURAL CONCRETE</b>				
405(1)	STRUCTURAL CONCRETE	60	CU.M.	11,712.09	702,725.63
	<b>PAINTING WORKS</b>				
1032(1)	PAINTING WORKS	257	SQM	150.78	38,750.91
	<b>STEEL WORKS</b>				-
902.1.a2	REINFORCING STEEL	1	LOT	362,639.06	362,639.06
	<b>CARPENTRY WORKS</b>				-
1003	CARPENTRY WORKS	1	LOT	246,481.63	246,481.63
	<b>MASONRY WORKS</b>				-
1046(2)a	CHB NON LOAD BEARING (100 mm)	10	SQM	12,311.70	123,116.96
	<b>WOODEN DOORS AND WINDOWS</b>				
1010	WOODEN DOORS AND WINDOWS	1	LOT	26,223.75	26,223.75
	<b>ROOFING WORKS</b>				
1013	ROOFING WORKS	94.75	SQM	1,423.45	134,871.58
	<b>PLUMBING WORKS</b>				
1002	PLUMBING WORKS	1	LOT	54,343.39	54,343.39
	<b>ELECTRICAL WORKS</b>				
1100	ELECTRICAL WORKS	1	LOT	8,395.32	8,395.32
	<b>CERAMIC TILES</b>				
1018	CERAMIC TILES	15.94	SQM	1,435.43	22,880.81
SUB-TOTAL					1,800,000.00

DIRECT COST		
1 MATERIALS	1,026,911.91	
2 LABOR	347,128.67	
TOTAL DIRECT COST	1,374,040.57	76.34%
OCM EXPENSES	203,661.09	11.31%
CONTRACTOR PROFIT	136,584.06	7.59%
VAT	85,714.29	4.76%
	1,800,000.00	


TOTAL APROPRIATION	Php.	1,800,000.00	100.00%
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Prepared by:   
**RAYMART B. FUENTES**  
Proj. Monitoring and Evaluation  
Officer

Recommending Approval:

  
**RHODORA B. UBANI**  
Supervising ECOMS/ Chief-CDS

Approved:

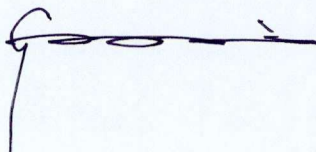
  
**FELIZARDO B. CAYATOC**  
PENRO



CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	GENERAL REQUIREMENTS			DATE:	
ITEM NO.:	A.1.1(5)			TOTAL COST:	32,812.50
WORK DESCRIPTION:	CONSTRUCTION OF TEMP. FACILITIES			QTY.	1 LOT
A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
PROVISION OF FIELD OFFICE	1	L.S.	25,000.00	25,000.00	
				-	
				-	
	SUB-TOTAL			25,000.00	
B. LABOR					
				-	
	SUB-TOTAL			0.00	
C. ESTIMATED DIRECT COST (EDC)= a+b				25,000.00	
D. INDIRECT COST/MARK-UP					
	OC as_15% of EDC			3,750.00	
	PROFIT as_10% of EDC			2,500.00	
	TOTAL OF (D)			6,250.00	
E. VALUE ADDED TAX_5_% of C+D				1,562.50	
F. TOTAL COST =C+D+E				32,812.50	
G. UNIT COST/ LOT				32,812.50	

ITEM OF WORKS:	OTHER GENERAL REQUIREMENTS		DATE:	1/0/1900	
			TOTAL COST:	8,859.38	
ITEM NO.:	B.5				
WORK DESCRIPTION:	PROJECT BILLBOARD/SIGNBOARD		QTY.	1 LOT	
A. MATERIALS					
DESCRIPTION		QUANTITY	UNIT	UNIT COST	AMOUNT
PROJECT BILLBOARD/SIGNBOARD		1	L.S	5,000.00	5,000.00
					-
		SUB-TOTAL			5,000.00
B. LABOR					
					1,750.00
					-
		SUB-TOTAL			1,750.00
					6,750.00
C. ESTIMATED DIRECT COST (EDC)= a+b					
		D. INDIRECT COST/MARK-UP			
		OC as_15% of EDC			1,012.50
		PROFIT as_10% of EDC			675.00
		TOTAL OF ( E )			1,687.50
		E. VALUE ADDED TAX_5_% of C+D			421.88
		F. TOTAL COST = C+D+E			8,859.38
		G. UNIT COST/ LOT			8,859.38

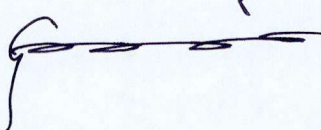




CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	OTHER GENERAL REQUIREMENTS			DATE:	
				TOTAL COST:	9,355.50
ITEM NO.:	B.7				
WORK DESCRIPTION:	OCCUPATIONAL SAFETY AND HEALTH PROGI QTY.				1 LOT
A. MATERIALS					
	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
	PPE's	1	L.S	6,000.00	6,000.00
	SUB-TOTAL				6,000.00
B. LABOR					
					2,100.00
	SUB-TOTAL				2,100.00
C. ESTIMATED DIRECT COST (EDC)= a+b					8,100.00
D. INDIRECT COST/MARK-UP					
	OC as_15% of EDC				
	PROFIT as_10% of EDC				810.00
	TOTAL OF ( E )				810.00
E. VALUE ADDED TAX_5_% of C+D					445.50
F. TOTAL COST = C+D+E					9,355.50
G. UNIT COST/ LOT					9,355.50

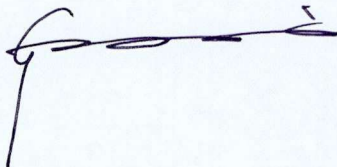
ITEM OF WORKS:	OTHER GENERAL REQUIREMENTS		DATE:	1/0/1900	
			TOTAL COST:	8,610.00	
ITEM NO.:	B.9				
WORK DESCRIPTION:	MOBILIZATION / DEMOBILIZATION		QTY.	1 LOT	
A. MATERIALS					
DESCRIPTION		QUANTITY	UNIT	UNIT COST	AMOUNT
MOBILIZATION / DEMOBILIZATION		1	L.S	8,200.00	8,200.00
					-
		SUB-TOTAL			8,200.00
B. LABOR					
		SUB-TOTAL			0.00
C. ESTIMATED DIRECT COST (EDC)= a+b				8,200.00	
D. INDIRECT COST/MARK-UP					
		OC as_15% of EDC			
		PROFIT as_10% of EDC			
		TOTAL OF ( E )		0.00	
E. VALUE ADDED TAX_5_% of C+D				410.00	
F. TOTAL COST = C+D+E				8,610.00	
G. UNIT COST/ LOT				8,610.00	





CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

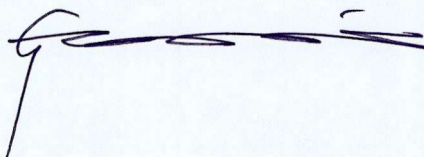
ITEM OF WORKS:	EARTHWORKS		DATE:	
ITEM NO.:	803 (1) c		TOTAL COST:	19,933.59
WORK DESCRIPTION:	STRUCTURE EXCAVATION & BACKFILLING (Excavation, Demolition, wall footing, Column footing, Pathway, Dive shop)		QTY.	25 cu.m.
A. MATERIALS				
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
EXCAVATION AND BACKFILLING	25	cu.m.	450	11,250.00
				-
				-
	SUB-TOTAL			11,250.00
B. LABOR				3,937.50
				-
	SUB-TOTAL			3,937.50
C. ESTIMATED DIRECT COST (EDC)= a+b				15,187.50
D. INDIRECT COST/MARK-UP				
	OC as_15% of EDC			2,278.13
	PROFIT as_10% of EDC			1,518.75
	TOTAL OF ( E )			3,796.88
E. VALUE ADDED TAX_5_% of D+E				949.22
F. TOTAL COST = D+E+F				19,933.59
G. UNIT COST/ LOT				797.34





CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

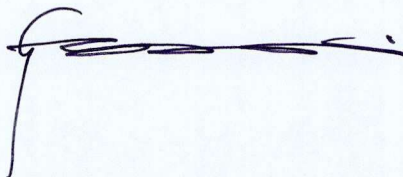
ITEM OF WORKS:	STRUCTURAL CONCRETE			DATE:	
				TOTAL COST:	702,725.63
ITEM NO.:	405(1)				
WORK DESCRIPTION:	STRUCTURAL CONCRETE (Dive House and Elevated Rain Water Tank)			QTY.	60 CU.M
A. MATERIALS					
	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
	PORTLAND CEMENT	660.00	BAGS	270	178,200.00
	G1-GRAVEL	40.00	CU.M.	1800	72,000.00
	WASHED SAND	20.00	CU.M.	1900	38,000.00
	24" x 1.0m RC Pipe Culvert	35.00	PCS	2240	78,400.00
	Boulders filler	20.00	CU.M.	1500	30,000.00
	SUB-TOTAL				396,600.00
B. LABOR					
					138,810.00
					-
	SUB-TOTAL				138,810.00
C. ESTIMATED DIRECT COST (EDC)= a+b					
					535,410.00
D. INDIRECT COST/MARK-UP					
	OC as_15% of EDC				80,311.50
	PROFIT as_10% of EDC				53,541.00
	TOTAL OF ( D )				133,852.50
E. VALUE ADDED TAX_5_% of C+D					
					33,463.13
F. TOTAL COST = C+D+E					
					702,725.63
G. UNIT COST/ LOT					
					11,712.09





CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	PAINTING WORKS		DATE:	
ITEM NO.:	1032(1)		TOTAL COST:	38,750.91
WORK DESCRIPTION:	PAINTING WORKS (Surface Area)		QTY.	257 sqm
A. MATERIALS				
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
SEMI LATEX PAINT (WHITE)	10	GALS	750	7,500.00
SEMI LATEX PAINT (GREEN)	5	GALS	750	3,750.00
SEMI LATEX PAINT (SILVER GRAY)	5	GALS	750	3,750.00
SKIM COAT	10	BAGS	640	6,400.00
PAINT BRUSH (2 1/2")	5	PCS	50	250.00
PAINT BRUSH (1")	5	PCS	32	160.00
PAINT BRUSH (1/2")	3	PCS	20	60.00
				-
	SUB-TOTAL			21,870.00
B. LABOR				
				7,654.50
				-
	SUB-TOTAL			7,654.50
C. ESTIMATED DIRECT COST (EDC)= a+b				29,524.50
D. INDIRECT COST/MARK-UP				
	OC as_15% of EDC			4,428.68
	PROFIT as_10% of EDC			2,952.45
	TOTAL OF ( D )			7,381.13
E. VALUE ADDED TAX_5_% of C+D				1,845.28
F. TOTAL COST = C+D+E				38,750.91
G. UNIT COST/ LOT				150.78

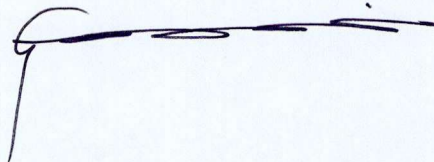




CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	STEEL WORKS	DATE:	
ITEM NO.:	902.1.a2	TOTAL COST:	362,639.06
WORK DESCRIPTION:	REINFORCING STEEL (Dive House and Elevated Rain Water Tank)	QTY.	1 LOT

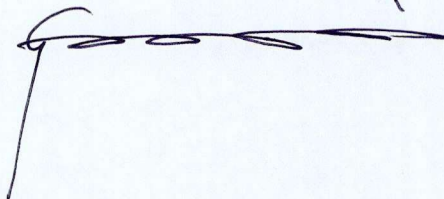
A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
12 mm Ø RSB	1,756.86	KLS	46.82	82,256.19	
10 mm Ø RSB	1,655.40	KLS	51.08	84,557.83	
#16 TIE WIRE	31.00	KLS	85	2,635.00	
HACKSAW BLADE	5.00	BOX	675	3,375.00	
304 Ga 24 Stainless Plain Sheet	12.00	PCS	1450	17,400.00	
1 X 1 Stainless Tubular Frame	12.00	PCS	450	5,400.00	
3/4 x 3/4 stainless Angle bar	12.00	PCS	210	2,520.00	
Stainless screw	300.00	PCS	7	2,100.00	
Rivets	500.00	PCS	2	1,000.00	
Stainless Hinges	9.00	PAIR	180	1,620.00	
Stainless Handle	12.00	PCS	60	720.00	
Stainless barrel bolt door lock	6.00	PCS	180	1,080.00	
				-	
	SUB-TOTAL			204,664.02	
B. LABOR				71,632.41	
	SUB-TOTAL			71,632.41	
C. ESTIMATED DIRECT COST (EDC)= a+b				276,296.42	
D. INDIRECT COST/MARK-UP					
	OC as_15% of EDC			41,444.46	
	PROFIT as_10% of EDC			27,629.64	
	TOTAL OF ( D )			69,074.11	
E. VALUE ADDED TAX_5_% of C+D				17,268.53	
F. TOTAL COST = C+D+E				362,639.06	
G. UNIT COST/ LOT				362,639.06	





CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	CARPENTRY WORKS	DATE:		
		TOTAL COST:	246,481.63	
ITEM NO.:	1003			
WORK DESCRIPTION:	CARPENTRY WORKS (Trusses and Scaffolding)	QTY.	1LOT	
A. MATERIALS				
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3/4"THK. MARINE PLYWOOD	22.00	PCS.	1138	25,036.00
COCO LUMBER	380.00	BDFT.	45	17,100.00
2x5x12' GOOD LUMBER	160.00	BDFT.	75	12,000.00
2x5x16' GOOD LUMBER	40.00	BDFT.	75	3,000.00
2x5x10' GOOD LUMBER	25.00	BDFT.	75	1,875.00
2x4x10' GOOD LUMBER	53.33	BDFT.	75	3,999.75
2x3x10' GOOD LUMBER	310.00	BDFT.	75	23,250.00
2x2x10' GOOD LUMBER	33.33	BDFT.	75	2,499.75
100-2X3 Hard wood x 8'	400.00	BDFT.	75	30,000.00
Stainless screw & Toks	60.00	PCS.	12	720.00
ASSTD. NAIL	20.00	KGS	70	1,400.00
ASSTD. NAIL STAINLESS	35.00	KGS	250	8,750.00
SOLIGNUM	6.00	GAL	1579.55	9,477.30
				-
	SUB-TOTAL			139,107.80
B. LABOR				
				48,687.73
				-
	SUB-TOTAL			48,687.73
C. ESTIMATED DIRECT COST (EDC)= a+b				
				187,795.53
D. INDIRECT COST/MARK-UP				
	OC as_15% of EDC			28,169.33
	PROFIT as_10% of EDC			18,779.55
	TOTAL OF ( E )			46,948.88
E. VALUE ADDED TAX_5_% of C+D				
				11,737.22
F. TOTAL COST = C+D+E				
				246,481.63
G. UNIT COST/ LOT				
				246,481.63

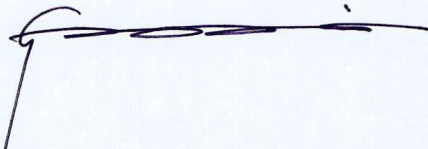
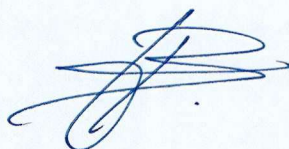




CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	MASONRY WORKS	DATE:	
ITEM NO.:	1046(2)a	TOTAL COST:	123,116.96
WORK DESCRIPTION:	CHB NON LOAD BEARING (100 mm)	QTY.	10 SQ.M

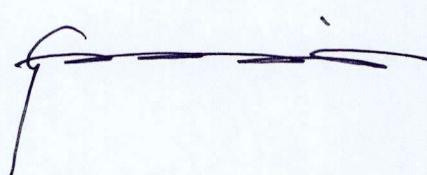
A. MATERIALS				
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
PORTLAND CEMENT	110.00	BAGS	270	29,700.00
WASHED SAND	10.00	CU.M.	1900	19,000.00
4" CHB	600.00	PCS	30	18,000.00
4" thk Louver Blocks	48.00	PCS	58	2,784.00
SUB-TOTAL				69,484.00
B. LABOR				
SUB-TOTAL				24,319.40
C. ESTIMATED DIRECT COST (EDC)= a+b				93,803.40
D. INDIRECT COST/MARK-UP				
OC as_15% of EDC				14,070.51
PROFIT as_10% of EDC				9,380.34
TOTAL OF ( D )				23,450.85
E. VALUE ADDED TAX_5_% of C+D				5,862.71
F. TOTAL COST = C+D+E				123,116.96
G. UNIT COST/ LOT				12,311.70





CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

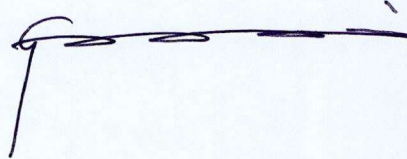
ITEM OF WORKS:	WOODEN DOORS AND WINDOWS			DATE:	
				TOTAL COST:	26,223.75
ITEM NO.:	1010				
WORK DESCRIPTION:	WOODEN DOORS AND WINDOWS (Door and Diving Gear & Suit Shelves)			QTY.	1 LOT
A. MATERIALS					
DESCRIPTION		QUANTITY	UNIT	UNIT COST	AMOUNT
0.90x2.10 PANEL DOOR		1	UNIT	5,500.00	5,500.00
HARD WOOD DOOR JAMP		1	PC	1,800.00	1,800.00
DOOR LOCKSET(ORIGINAL YALE BRAND)		1	SET	800.00	800.00
HEAVY DUTY BEARING TYPE HINGES 4X4		2	PAIR	350.00	700.00
WOODEN SHELF FOR DIVING SUIT		1	UNIT	3,000.00	3,000.00
WOODEN SHELF DIVING GADGET		1	UNIT	3,000.00	3,000.00
SUB-TOTAL					14,800.00
B. LABOR					5,180.00
SUB-TOTAL					5,180.00
C. ESTIMATED DIRECT COST (EDC)= a+b					19,980.00
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC					2,997.00
PROFIT as_10% of EDC					1,998.00
TOTAL OF ( D )					4,995.00
E. VALUE ADDED TAX_5_% of C+D					1,248.75
F. TOTAL COST = C+D+E					26,223.75
G. UNIT COST/ LOT					26,223.75





CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	ROOFING WORKS		DATE:	
ITEM NO.:	1013		TOTAL COST:	134,871.58
WORK DESCRIPTION:	ROOFING WORKS		QTY.	94.75 SQ.M
A. MATERIALS				
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
1/2"x10" Hardifacia board/senepa	24	PCS	335.00	8,040.00
Roof sheet & Accessories				
Ondulin Corr. Roof Sheet 950mm x 2m	61	PCS	638.00	38,918.00
0.44x0.90m Ondulin Ridgeroll	6	PCS	435.00	2,610.00
ga 24 Stainless Bended Gutter	7	PCS	1,120.00	7,840.00
Ondulin Texscrew	1400	PCS	5.00	7,000.00
sealant	7	TUBE	250.00	1,750.00
Rivets	1000	PCS	1.00	1,000.00
2-10mm dia. Mach. Bolts with Nuts and	14	SETS	640.00	8,960.00
SUB-TOTAL				76,118.00
B. LABOR				
SUB-TOTAL				26,641.30
C. ESTIMATED DIRECT COST (EDC)= a+b				102,759.30
D. INDIRECT COST/MARK-UP				
OC as_15% of EDC				15,413.90
PROFIT as_10% of EDC				10,275.93
TOTAL OF ( D )				25,689.83
E. VALUE ADDED TAX_5_% of C+D				6,422.46
F. TOTAL COST = C+D+E				134,871.58
G. UNIT COST/ LOT				1,423.45





CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

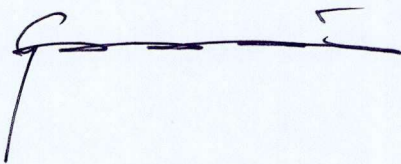
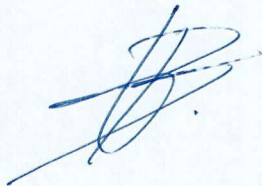
ITEM OF WORKS:	PLUMBING WORKS	DATE:	
ITEM NO.:	1002	TOTAL COST:	54,343.39
WORK DESCRIPTION:	PLUMBING WORKS (Common Toilet Plumbing Fixtures Replacement, Dive House Plumbing Fixtures Replacement, Elevated Rain Water Tank)	QTY.	1 LOT

A. MATERIALS				
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
Water closet Fittings & accessories	2	SET	1,450.00	2,900.00
Lavatory Fittings & accessories	2	SET	900.00	1,800.00
Shower Watertec Brand	2	SET	650.00	1,300.00
Lavatory faucet Watertec brand	2	SET	350.00	700.00
Faucet Watertec Brand	7	SET	250.00	1,750.00
Stainless Floor Drain with Drain plug	4	SET	420.00	1,680.00
Stainless Floor Drain	11	PCS	350.00	3,850.00
P-trap	4	PCS	320.00	1,280.00
3" PVC Pipe Series 1000 Downspout	6	PCS	450.00	2,700.00
3" PVC Pipe Series 1000 Tub Drain	2	PCS	450.00	900.00
2" PVC Pipe Series 1000	3	PCS	280.00	840.00
3"x2" PVC Tee	4	PCS	85.00	340.00
3" PVC Elbow	8	PCS	45.00	360.00
3" Clean out	4	PCS	65.00	260.00
Solvent	6	QRT	265.00	1,590.00
1/2"PPR Pipe PN 20	8	PCS	295.00	2,360.00
Tank and Water line PPR Fitting PN 20	1	LS	2,400.00	2,400.00
1/2" Ball Valve PPR	2	PCS	450.00	900.00
Best Tank IHBWT-1500 Blue PE Tank	1	SET	64.90	64.90
1 1/2 dia. X 3.0m uPVC Blue Pipe	1	PC	359.99	359.99
1 1/2 dia. Ball valve	1	PC	2,335.10	2,335.10
SUB-TOTAL				30,669.99
B. LABOR				
SUB-TOTAL				10,734.50
C. ESTIMATED DIRECT COST (EDC)= a+b				41,404.49
D. INDIRECT COST/MARK-UP				
OC as_15% of EDC				6,210.67
PROFIT as_10% of EDC				4,140.45
TOTAL OF ( D )				10,351.12
E. VALUE ADDED TAX_5_% of C+D				2,587.78
F. TOTAL COST = C+D+E				54,343.39
G. UNIT COST/ LOT				54,343.39



CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

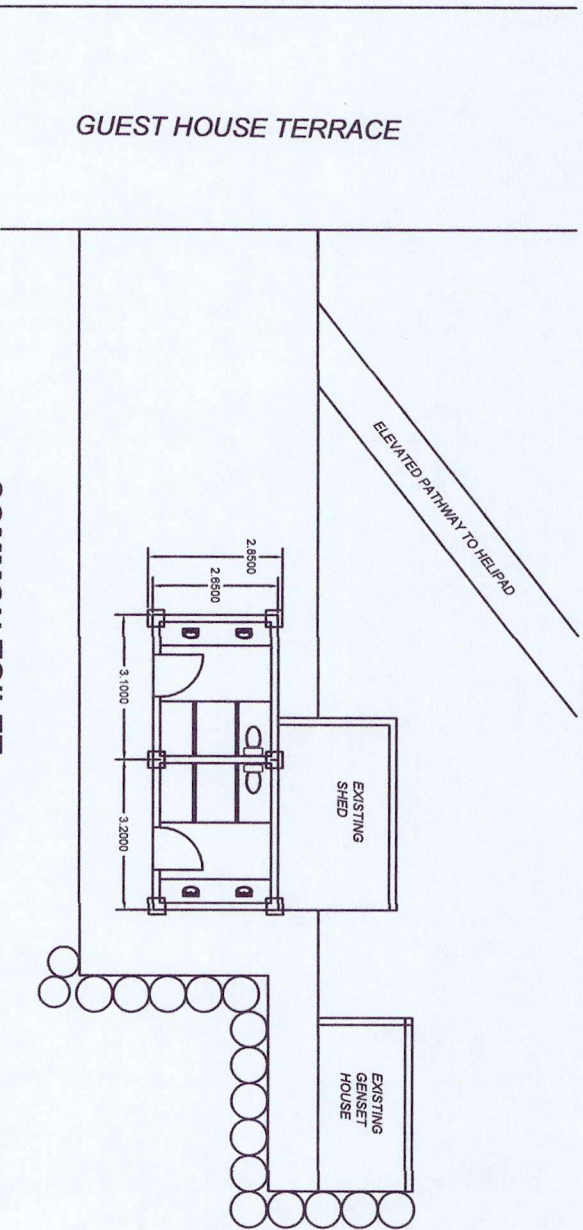
ITEM OF WORKS:	ELECTRICAL WORKS		DATE:	
ITEM NO.:	1100		TOTAL COST:	8,395.32
WORK DESCRIPTION:	ELECTRICAL WORKS (Dive House)		QTY.	1 LOT
A. MATERIALS				
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
Ceiling mounted Lighting	3	SETS	280.00	840.00
Convenience outlet	1	SET	260.00	260.00
1-gang switch	1	SET	150.00	150.00
2-gang switch	1	SET	260.00	260.00
Junction box	3	PCS	30.00	90.00
Utility Box	1	PC	28.10	28.10
2.2 mm2 THHN cu. Wire	50	MTS	25.00	1,250.00
3.5 mm2 THHN cu. Wire	20	MTS	35.00	700.00
1/2" Electrical PVC Pipe	12	PCS	85.00	1,020.00
Electrical Tape	4	ROLLS	35.00	140.00
				-
	SUB-TOTAL			4,738.10
B. LABOR				
				1,658.34
				-
	SUB-TOTAL			1,658.34
C. ESTIMATED DIRECT COST (EDC)= a+b				
				6,396.44
D. INDIRECT COST/MARK-UP				
	OC as_15% of EDC			959.47
	PROFIT as_10% of EDC			639.64
	TOTAL OF ( D )			1,599.11
E. VALUE ADDED TAX_5_% of C+D				
				399.78
F. TOTAL COST = C+D+E				
				8,395.32
G. UNIT COST/ LOT				
				8,395.32



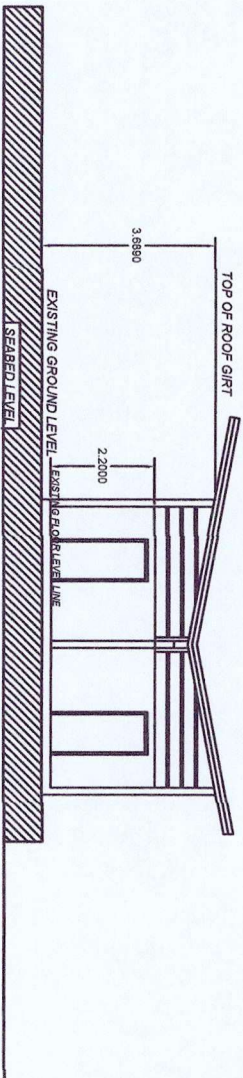


ITEM OF WORKS:	<b>CERAMIC TILES</b>	DATE:	
ITEM NO.:	1018	TOTAL COST:	<u>22,880.81</u>
WORK DESCRIPTION:	CERAMIC TILES ( Dive House Floor Tiles and Tub Wall Tiles )	QTY.	<u>15.94 SQ.M</u>





**COMMON TOILET**  
**1**  
**EXISTING FLOOR PLAN**  
 SCALE 1:100 M.T.S.



**1**  
**EXISTING ELEVATION**  
 SCALE 1:100 M.T.S.

PROJECT TITLE:	PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET NO:
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CONSTRUCTION OF DIVE HOUSE AT  
 SNAKE ISLAND

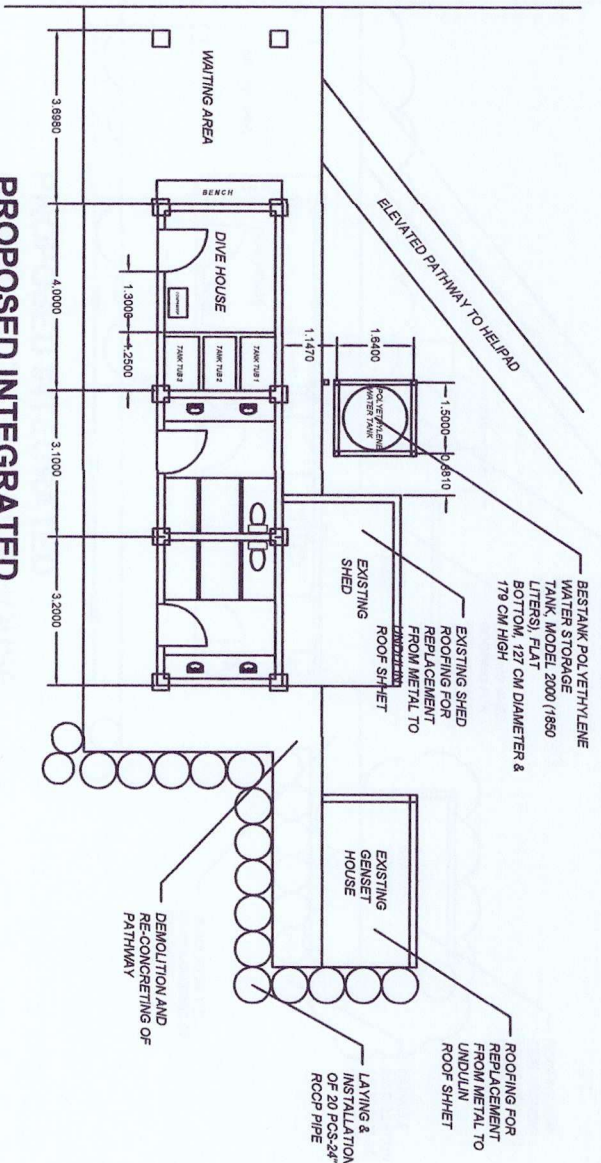
RAYMART B. FUENTES  
 Proj. Monitoring & Evaluation Officer

RHODORA B. UBANI  
 Supervising ECOMS/ Chief-CDS

FELIZARDO B. CAYATOC  
 PENRO



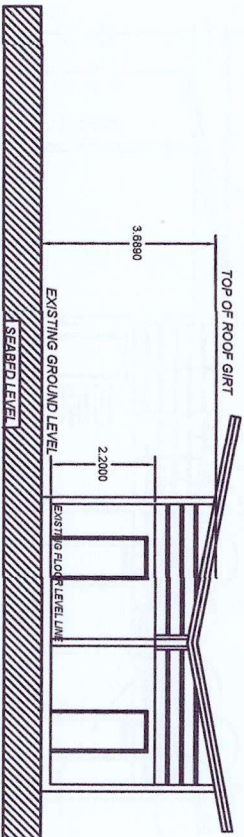
# GUEST HOUSE TERRACE



## PROPOSED INTEGRATED COMMON TOILET & DIVE HOUSE FLOOR PLAN

1  
A-2

SCALE 1 : 100 M.T.S.



## EXISTING ELEVATION

1  
A-2

SCALE 1 : 100 M.T.S.

PROJECT TITLE:

CONSTRUCTION OF DIVE HOUSE AT  
SNAKE ISLAND

PREPARED BY:

*[Signature]*  
RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RECOMMENDING APPROVAL:

RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

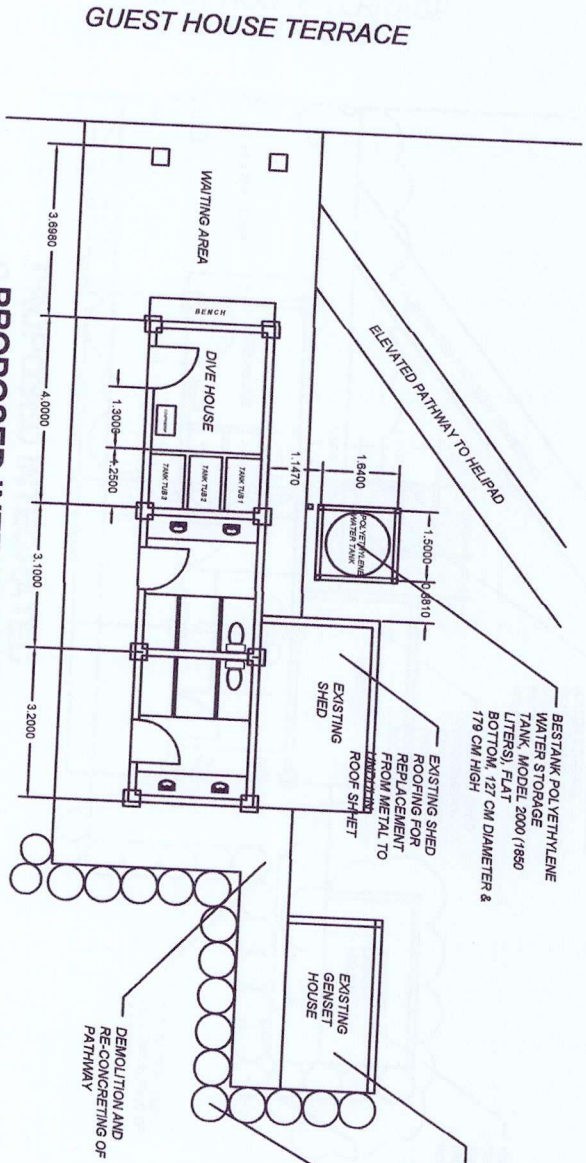
APPROVED:

*[Signature]*  
FELIZARDO B. CAYATOC  
PENRO

SHEET NO:

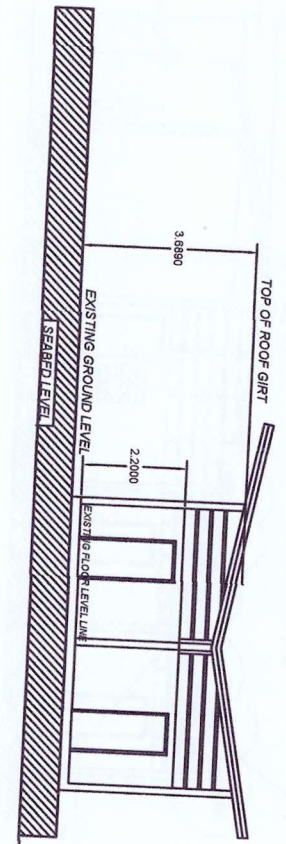
2  
5





**PROPOSED INTEGRATED  
COMMON TOILET & DIVE HOUSE  
FLOOR PLAN**

1  
A-2  
SCALE 1:100 M.T.S.



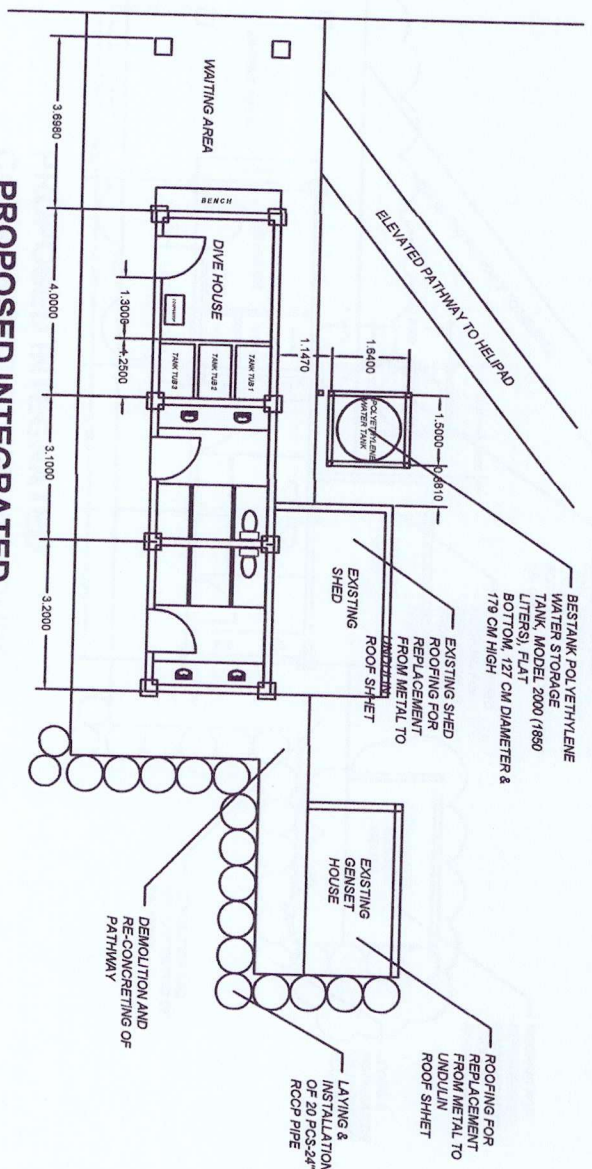
**EXISTING ELEVATION**

1  
A-2  
SCALE 1:100 M.T.S.

PROJECT TITLE: <b>CONSTRUCTION OF DIVE HOUSE AT SNAKE ISLAND</b>	PREPARED BY:  <b>RAYMART B. FUENTES</b> Proj. Monitoring & Evaluation Officer	RECOMMENDING APPROVAL:  <b>RHODORA B. UBANI</b> Supervising ECOMS/ Chief-CDS	APPROVED:  <b>FELIZARDO B. CAYATOC</b> PENRO	SHEET NO: <b>2</b> 5
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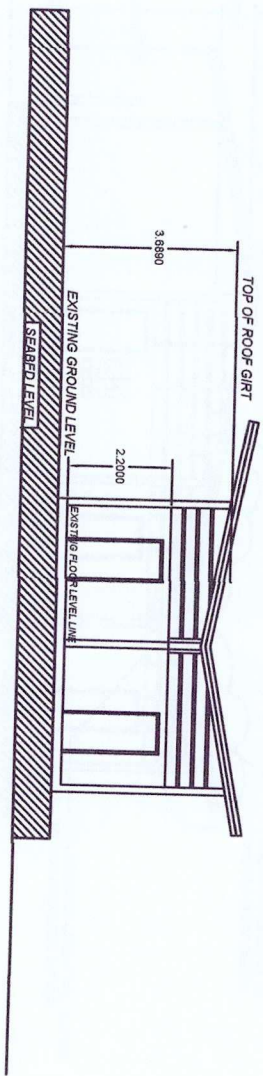


GUEST HOUSE TERRACE



PROPOSED INTEGRATED  
COMMON TOILET & DIVE HOUSE  
FLOOR PLAN

1  
A-2  
SCALE 1:100 MTS.



1  
A-2  
SCALE 1:100 MTS.

PROJECT TITLE:	PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET NO:
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CONSTRUCTION OF DIVE HOUSE AT  
SNAKE ISLAND

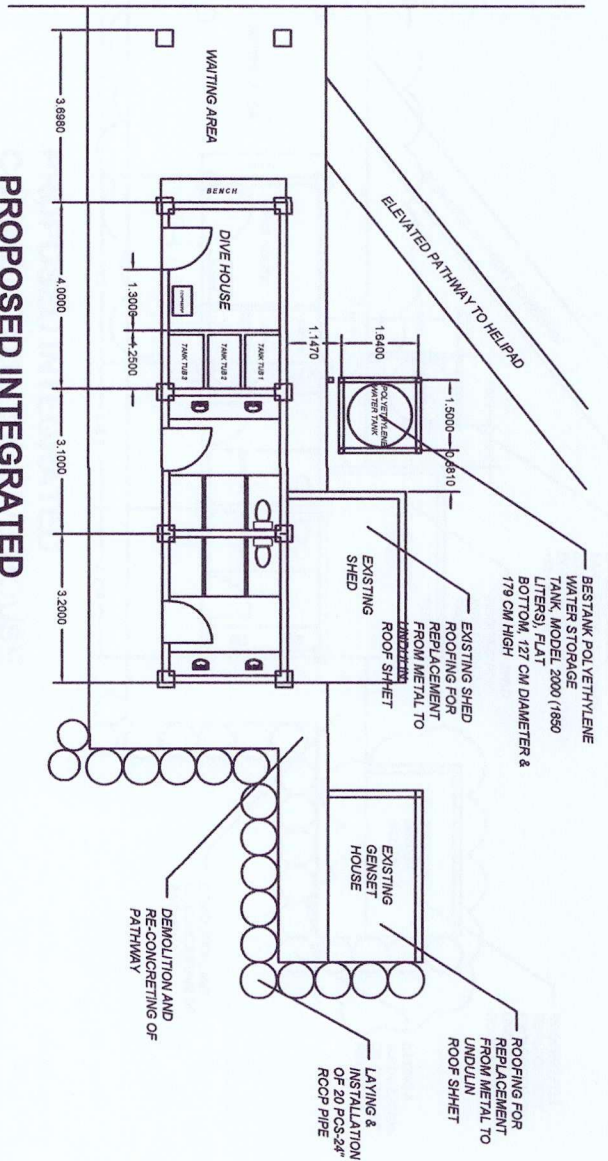
RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

FELIZARDO B. CAYATOC  
PENRO



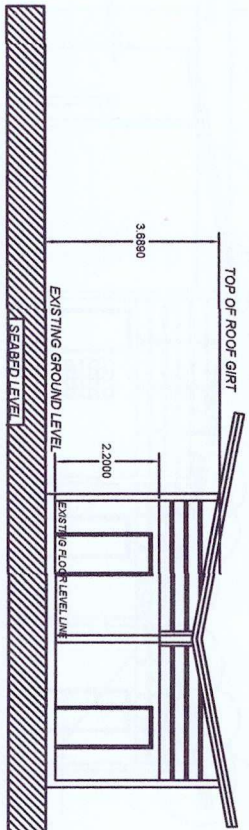
# GUEST HOUSE TERRACE



## PROPOSED INTEGRATED COMMON TOILET & DIVE HOUSE FLOOR PLAN

1  
A-2

SCALE 1 : 100 M.T.S.



## EXISTING ELEVATION

1  
A-2

SCALE 1 : 100 M.T.S.

PROJECT TITLE:

CONSTRUCTION OF DIVE HOUSE AT SNAKE ISLAND

PREPARED BY:

*[Signature]*  
RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RECOMMENDING APPROVAL:

RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

APPROVED:

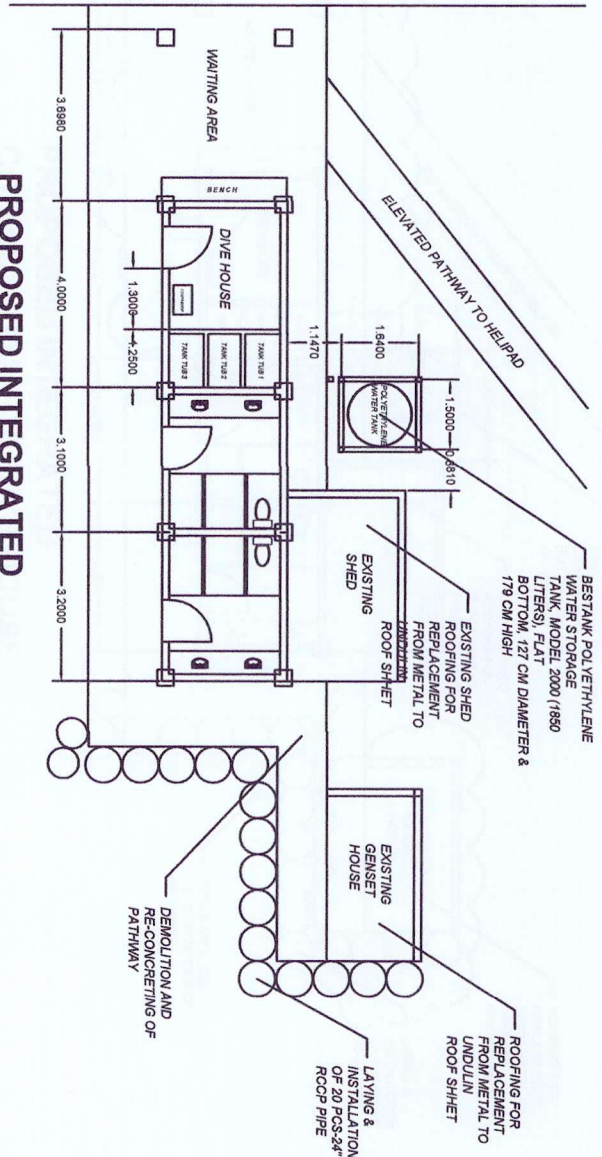
*[Signature]*  
FELIZARDO B. CAYATOC  
PENRO

SHEET NO:

2  
5



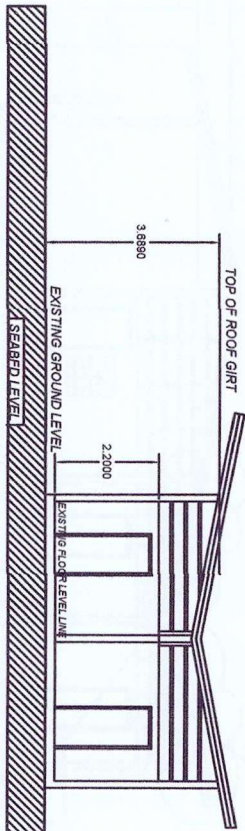
# GUEST HOUSE TERRACE



## PROPOSED INTEGRATED COMMON TOILET & DIVE HOUSE FLOOR PLAN

1  
A-2

SCALE 1 : 100 M.T.S.



## EXISTING ELEVATION

1  
A-2

SCALE 1 : 100 M.T.S.

PROJECT TITLE:

CONSTRUCTION OF DIVE HOUSE AT  
SNAKE ISLAND

PREPARED BY:

RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RECOMMENDING APPROVAL:

RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

APPROVED:

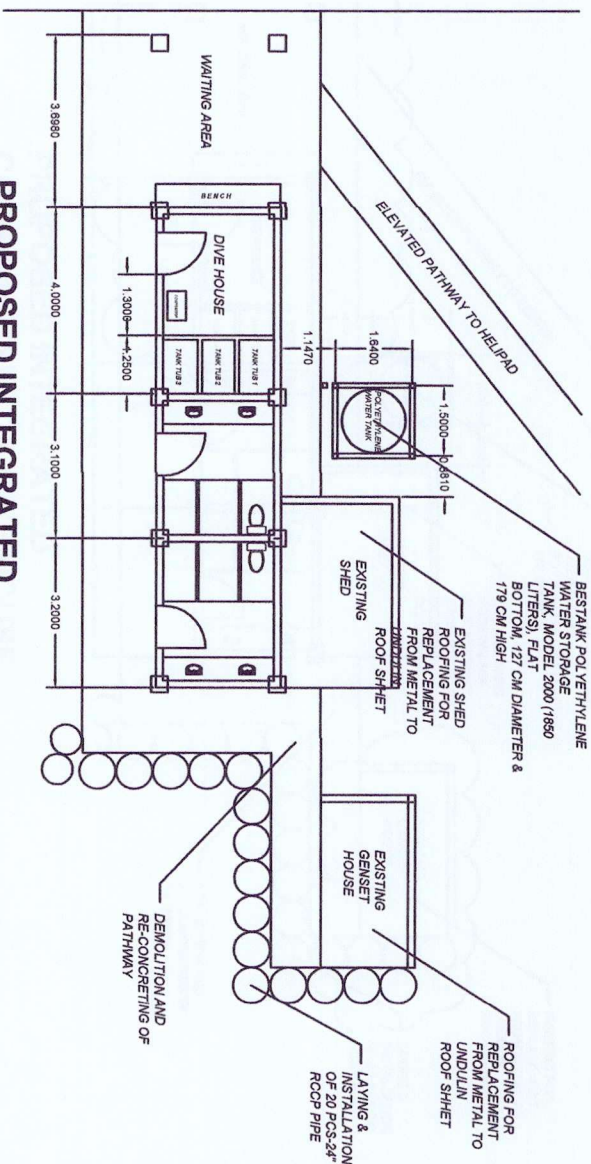
FELIZARDO B. CAYATOC  
PENRO

SHEET NO:

2  
5



# GUEST HOUSE TERRACE

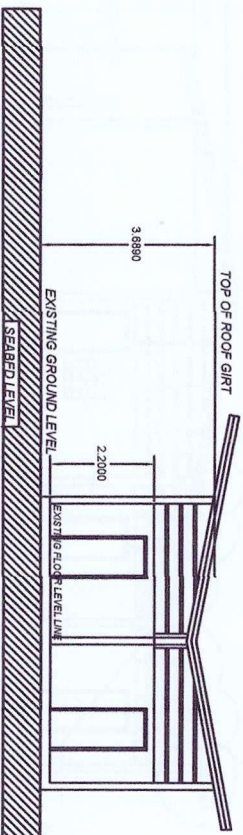


## PROPOSED INTEGRATED COMMON TOILET & DIVE HOUSE FLOOR PLAN

1

SCALE 1 : 100 M.T.S.

A-2



## EXISTING ELEVATION

1

SCALE 1 : 100 M.T.S.

A-2

PROJECT TITLE:

CONSTRUCTION OF DIVE HOUSE AT SNAKE ISLAND

PREPARED BY:

RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RECOMMENDING APPROVAL:

RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

APPROVED:

FELIZARDO B. CAYATOC  
PENRO

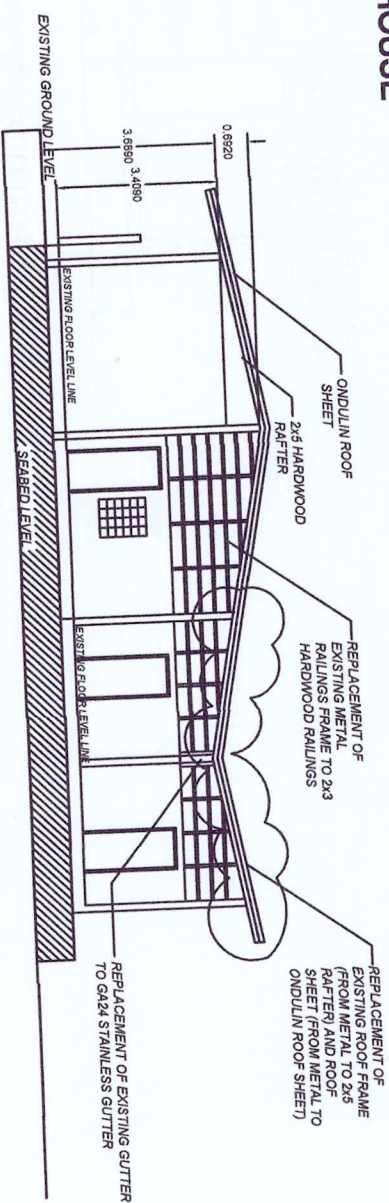
SHEET NO:

2  
5



**FLOOR PLAN**

1	SCALE	1 : 100	MTS
A-2			



2  
A-2

FRONT ELEVATION

SCALE 1:100 M.T.S.

# CONSTRUCTION OF DIVE HOUSE AT SNAKE ISLAND

RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

**RHODORA B. UBANI**  
Supervising ECOMS/ Chief-CDS

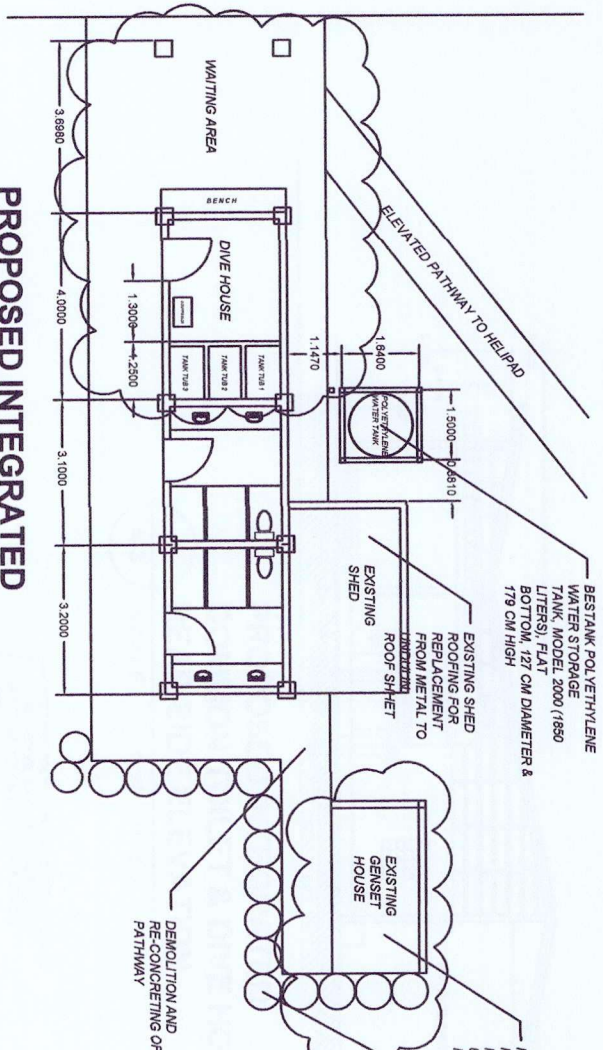
FELIZARDO B. CAYATOC  
PENRO

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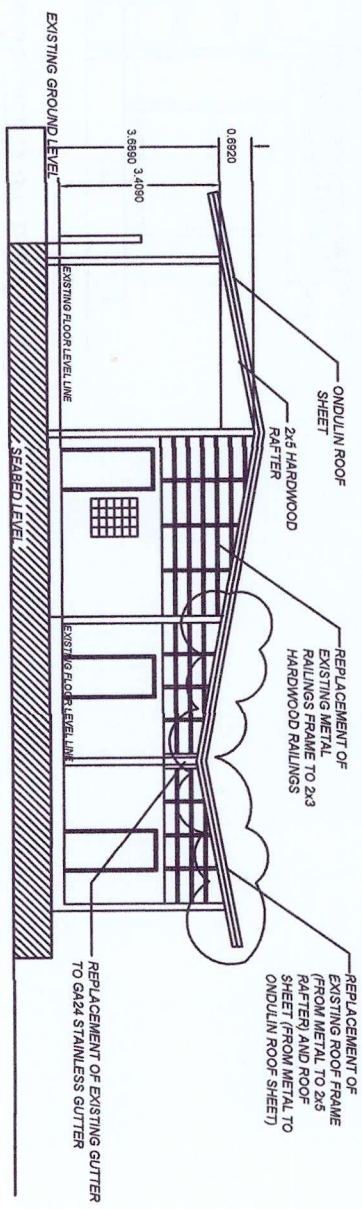


# GUEST HOUSE TERRACE



**PROPOSED INTEGRATED  
COMMON TOILET & DIVE HOUSE  
FLOOR PLAN**

1  
A-2  
SCALE 1 : 100 M.T.S.



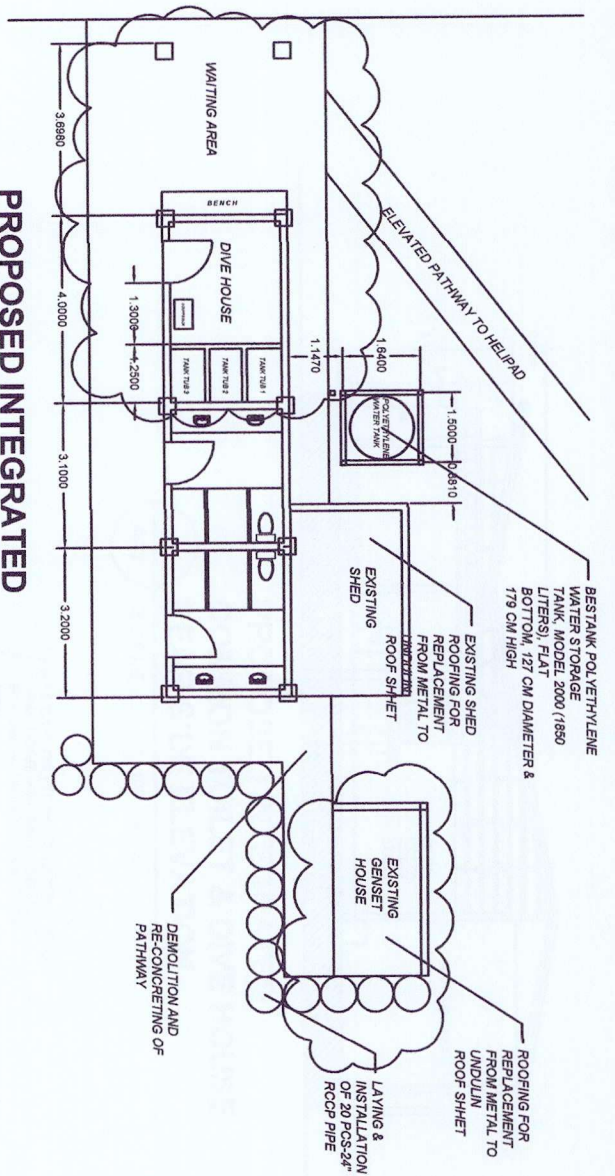
**PROPOSED INTEGRATED  
COMMON TOILET & DIVE HOUSE  
FRONT ELEVATION**

2  
A-2  
SCALE 1 : 100 M.T.S.

PROJECT TITLE:	PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET NO:
CONSTRUCTION OF DIVE HOUSE AT SNAKE ISLAND	<div> <div></div> <div>RAYMART B. FUENTES</div> <div>Proj. Monitoring &amp; Evaluation Officer</div> </div>	<div> <div></div> <div>RHODORA B. UBANI</div> <div>Supervising ECOMS/ Chief-CDS</div> </div>	<div> <div></div> <div>FELIZARDO B. CAYATOC</div> <div>PENRO</div> </div>	3 5

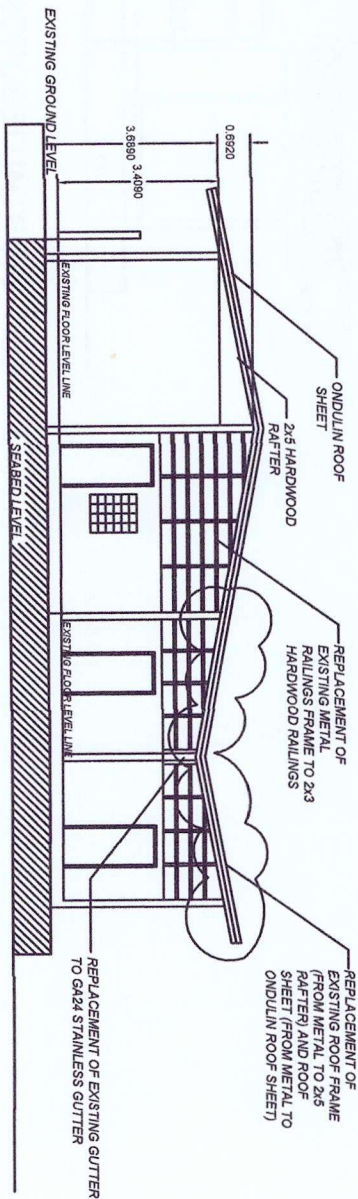


# GUEST HOUSE TERRACE



## PROPOSED INTEGRATED COMMON TOILET & DIVE HOUSE FLOOR PLAN

1  
A-2  
SCALE 1 : 100 M.T.S.



## PROPOSED INTEGRATED COMMON TOILET & DIVE HOUSE FRONT ELEVATION

2  
A-2  
SCALE 1 : 100 M.T.S.

PROJECT TITLE:

CONSTRUCTION OF DIVE HOUSE AT SNAKE ISLAND

PREPARED BY:

*[Signature]*  
RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RECOMMENDING APPROVAL:

RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

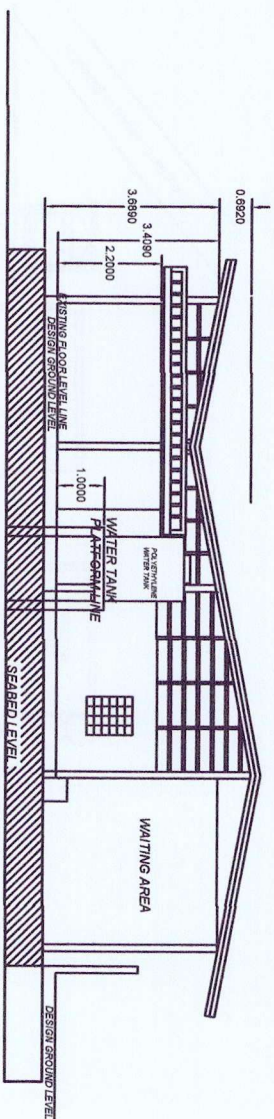
APPROVED:

*[Signature]*  
FELIZARDO B. CAYATOC  
PENRO

SHEET NO:

3  
5



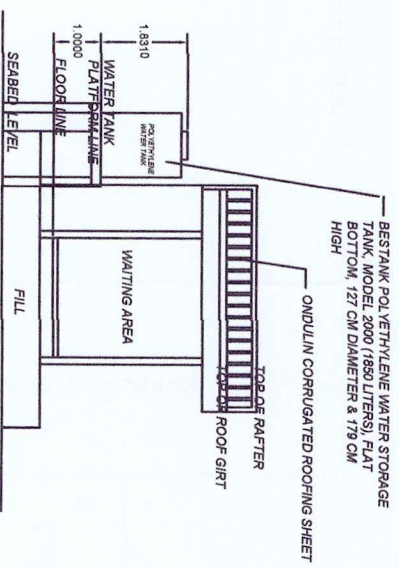


## PROPOSED INTEGRATED COMMON TOILET & DIVE HOUSE REAR SIDE ELEVATION

2

A-3

SCALE 1 : 100 M.T.S.



## PROPOSED INTEGRATED COMMON TOILET & DIVE HOUSE LEFT SIDE ELEVATION

1

A-3

SCALE 1 : 100 M.T.S.

PROJECT TITLE:

CONSTRUCTION OF DIVE HOUSE AT  
SNAKE ISLAND

PREPARED BY:

*RAYMART B. FUENTES*  
RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RECOMMENDING APPROVAL:

*RHODORA B. UBANI*  
RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

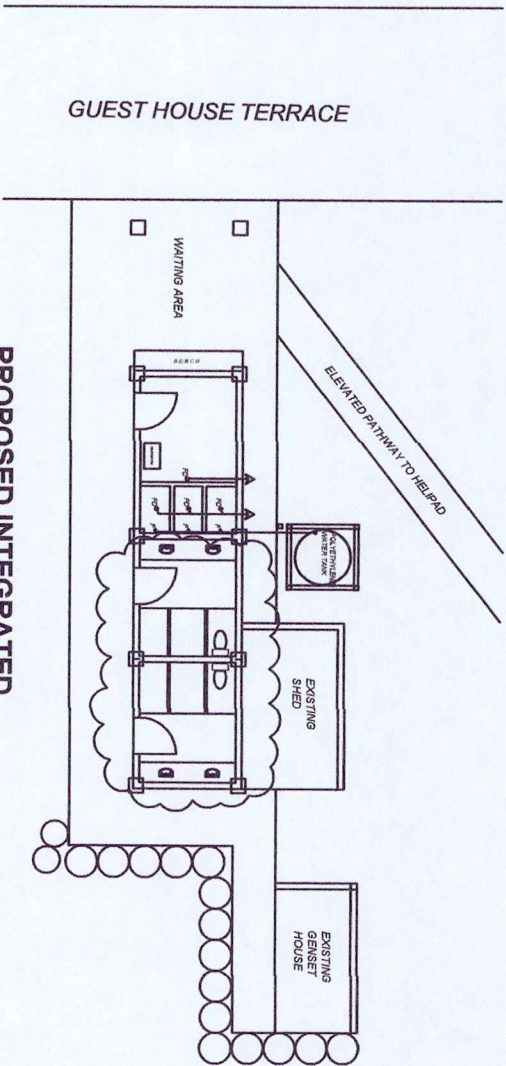
APPROVED:

*FELIZARDO B. CAYATOC*  
FELIZARDO B. CAYATOC  
PENRO

SHEET NO:

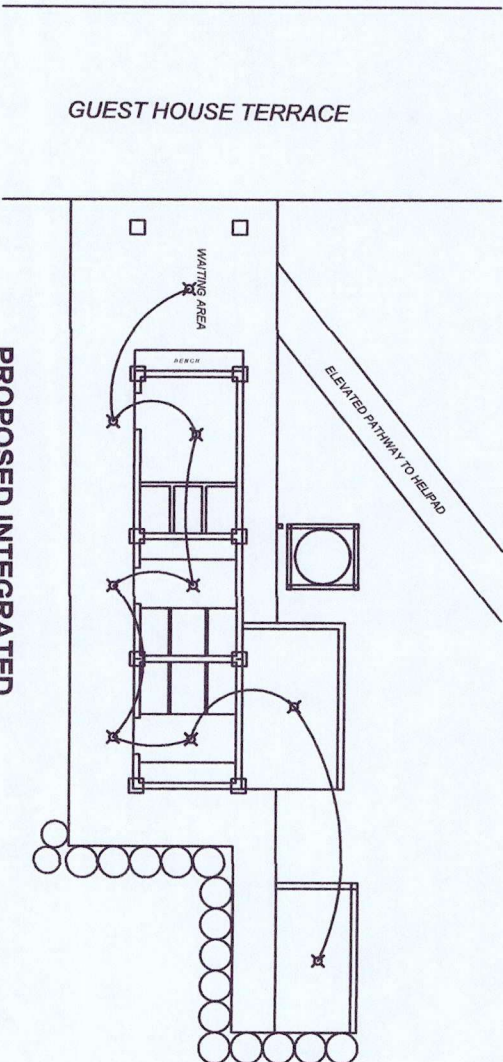
4  
5





1  
P-1  
SCALE 1:100 MTS.

**PROPOSED INTEGRATED  
COMMON TOILET & DIVE HOUSE  
PLUMBING LAY-OUT**



1  
E-1  
SCALE 1:100 MTS.

**PROPOSED INTEGRATED  
COMMON TOILET & DIVE HOUSE  
ELECTRICAL LAY-OUT**

PROJECT TITLE:

CONSTRUCTION OF DIVE HOUSE  
AT SNAKE ISLAND

PREPARED BY:

RAYMART B. FUENTES  
Proj. Monitoring & Evaluation Officer

RECOMMENDING APPROVAL:

RHODORA B. UBANI  
Supervising ECOMS/ Chief-CDS

APPROVED:

FELIZARDO B. CAYATOC  
PENRO

SHEET NO:

5 / 5



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
REGION IV-B MIMAROPA  
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

PROGRAM OF WORKS

PROJECT: REPAIR FOR COMFORT ROOM NEAR THE BIG SHED AT SNAKE ISLAND

LOCATION: SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY

APPROPRIATION: Php84,000.00

CAL. DAYS TO COMPLETE: 15 DAYS

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
405(1)	STRUCTURAL CONCRETE	1	LOT	52,586.63	52,586.63
902.1.a2	STEEL WORKS	1	LOT	15,282.33	15,282.33
1013	ROOFING WORKS	1	LOT	16,131.04	16,131.04
SUB-TOTAL					84,000.00

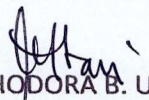
DIRECT COST		
1 MATERIALS	48,899.04	
2 LABOR	15,100.96	
TOTAL DIRECT COST	64,000.00	76.19%
OCM EXPENSES	9,600.00	11.43%
CONTRACTOR PROFIT	6,400.00	7.62%
VAT	4,000.00	4.76%
	84,000.00	

TOTAL APROPRIATION	PHp.	84,000.00	100.00%
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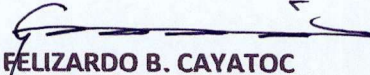
Prepared by:

  
**RAYMART B. FUENTES**  
Proj. Monitoring & Evaluation Officer  
Technical Staff, CDS

Recommending Approval:

  
**RHODORA B. UBANI**  
Supervising ECOMS/ Chief-CDS

Approved:

  
**FELIZARDO B. CAYATOC**  
PENRO



REPAIR FOR COMFORT ROOM NEAR THE BIG SHED AT SNAKE ISLAND  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	STRUCTURAL CONCRETE	DATE:	
ITEM NO.:	405(1)	TOTAL COS	52,586.63
WORK DESCRIPTION:	STRUCTURAL CONCRETE	QTY.	1LOT

A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
PORTLAND CEMENT	66.00	BAGS	270	17,820.00	
G1-GRAVEL	3.00	CU.M.	1800	5,400.00	
WASHED SAND	4.00	CU.M.	1900	7,600.00	
SUB-TOTAL				30,820.00	
B. LABOR				9,246.00	
SUB-TOTAL				9,246.00	
C. ESTIMATED DIRECT COST (EDC)= a+b				40,066.00	
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC				6,009.90	
PROFIT as_10% of EDC				4,006.60	
TOTAL OF ( D )				10,016.50	
E. VALUE ADDED TAX_5_% of C+D				2,504.13	
F. TOTAL COST = C+D+E				52,586.63	
G. UNIT COST/ LOT				52,586.63	





REPAIR FOR COMFORT ROOM NEAR THE BIG SHED AT SNAKE ISLAND  
SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS: STEEL WORKS

DATE:

ITEM NO.:	WORK DESCRIPTION:	QTY.	TOTAL COS
902.1.a2	REINFORCING STEEL (Dive House and Elevated Rain Water Tank)	1 LOT	15,282.33

A. MATERIALS	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
12 mm Ø RSB	12 mm Ø RSB	117.48	KLS	46.82	5,500.41
10 mm Ø RSB	10 mm Ø RSB	44.64	KLS	51.07	2,279.76
#16 TIE WIRE	#16 TIE WIRE	2.00	KLS	84.89	169.77
HACKSAW BLADE	HACKSAW BLADE	1.00	BOX	675	675.00
SUB-TOTAL					8,624.95

B. LABOR

SUB-TOTAL

3,018.73

C. ESTIMATED DIRECT COST (EDC) = a+b

D. INDIRECT COST/MARK-UP

OC as 15% of EDC

PROFIT as 10% of EDC

TOTAL OF (D)

E. VALUE ADDED TAX 5% of C+D

F. TOTAL COST = C+D+E

G. UNIT COST/ LOT

3,018.73	11,643.68	1,746.55	1,164.37	2,910.92	727.73	15,282.33	15,282.33
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REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
REGION IV-B MIMAROPA  
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

PROGRAM OF WORKS

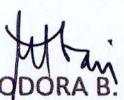
PROJECT: REPAIR FOR KITCHEN AT SNAKE ISLAND  
LOCATION: SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
APPROPRIATION: Php96,000.00  
CAL. DAYS TO COMPLETE: 15 DAYS

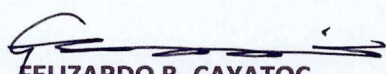
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	REPAIR FOR KITCHEN				
1	REPAIR FOR KITCHEN	1	LOT	96,000.00	96,000.00
SUB-TOTAL					96,000.00

DIRECT COST		
1 MATERIALS	56,263.74	
2 LABOR	16,879.12	
TOTAL DIRECT COST	73,142.86	76.19%
OCM EXPENSES	10,971.43	11.43%
CONTRACTOR PROFIT	7,314.29	7.62%
VAT	4,571.43	4.76%
	96,000.00	

TOTAL APROPRIATION	PHp.	96,000.00	100.00%
--------------------	------	-----------	---------

Prepared by:  
  
**RAYMART B. FUENTES**  
Proj. Monitoring & Evaluation Officer  
Technical Staff, CDS

Recommending Approval:  
  
**RHODORA B. UBANI**  
Supervising ECOMS/ Chief-CDS

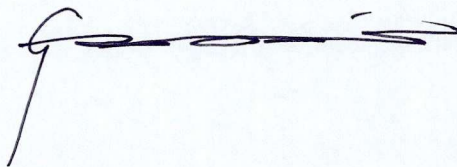
Approved:  
  
**FELIZARDO B. CAYATOC**  
PENRO



REPAIR FOR KITCHEN AT SNAKE ISLAND  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	REPAIR FOR KITCHEN	DATE:	
ITEM NO.:	1	TOTAL COS	96,000.00
WORK DESCRIPTION:	REPAIR FOR KITCHEN	QTY.	1LOT

A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
PORTLAND CEMENT	90.00	BAGS	360	32,400.00	
G1-GRAVEL	6.00	CU.M.	1800	10,800.00	
WASHED SAND	3.00	CU.M.	1900	5,700.00	
3/4"THK. MARINE PLYWOOD	2.00	PCS.	1232.57	2,465.14	
2x2x10ft GOOD LUMBER	23.31	BDFT.	60	1,398.60	
ASSTD. NAIL (2 1/2")	25.00	KGS	70	1,750.00	
TEXSCREW (1")	25.00	KGS	70	1,750.00	
SUB-TOTAL				56,263.74	
B. LABOR				16,879.12	
SUB-TOTAL				16,879.12	
C. ESTIMATED DIRECT COST (EDC)= a+b				73,142.86	
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC				10,971.43	
PROFIT as_10% of EDC				7,314.29	
TOTAL OF ( D )				18,285.71	
E. VALUE ADDED TAX_5_% of C+D				4,571.43	
F. TOTAL COST = C+D+E				96,000.00	
G. UNIT COST/ LOT				96,000.00	





REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
REGION IV-B MIMAROPA  
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

PROGRAM OF WORKS

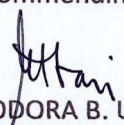
PROJECT: REPAIR FOR BOARDWALK RAILINGS AT SNAKE ISLAND  
LOCATION: SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
APPROPRIATION: Php84,000.00  
CAL. DAYS TO COMPLETE: 15 DAYS


ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
405(1)	STRUCTURAL CONCRETE	1	LOT	49,515.38	49,515.38
902.1.a2	STEEL WORKS	1	LOT	24,956.90	24,956.90
1032(1)	PAINTING WORKS	1	LOT	9,527.73	9,527.73
SUB-TOTAL					84,000.00

DIRECT COST		
1 MATERIALS	48,482.22	
2 LABOR	15,517.78	
TOTAL DIRECT COST	64,000.00	76.19%
OCM EXPENSES	9,600.00	11.43%
CONTRACTOR PROFIT	6,400.00	7.62%
VAT	4,000.00	4.76%
	84,000.00	

TOTAL APROPRIATION	PHp.	84,000.00	100.00%
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Prepared by:  
  
**RAYMART B. FUENTES**  
Proj. Monitoring & Evaluation Officer  
Technical Staff, CDS

Recommending Approval:  
  
**RHODORA B. UBANI**  
Supervising ECOMS/ Chief-CDS

Approved:  
  
**FELIZARDO B. CAYATOC**  
PENRO

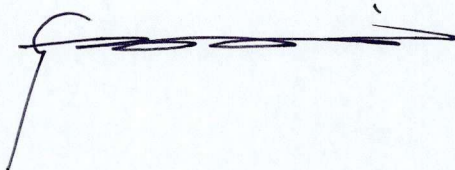






REPAIR FOR BOARDWALK RAILINGS AT SNAKE ISLAND  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	STEEL WORKS	DATE:			
		TOTAL COS	24,956.90		
ITEM NO.:	902.1.a2				
WORK DESCRIPTION:	REINFORCING STEEL	QTY.	1 LOT		
	(Dive House and Elevated Rain Water Tank)				
A. MATERIALS					
	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
	12 mm Ø RSB	160.20	KLS	46.82	7,500.56
	10 mm Ø RSB	59.52	KLS	51.07	3,039.69
	#16 TIE WIRE	2.00	KLS	84.89	169.77
	HACKSAW BLADE	5.00	BOX	675	3,375.00
					-
	SUB-TOTAL				14,085.02
B. LABOR					4,929.76
	SUB-TOTAL				4,929.76
C. ESTIMATED DIRECT COST (EDC)= a+b					19,014.78
D. INDIRECT COST/MARK-UP					
	OC as_15% of EDC				2,852.22
	PROFIT as_10% of EDC				1,901.48
	TOTAL OF ( D )				4,753.69
E. VALUE ADDED TAX_5_% of C+D					1,188.42
F. TOTAL COST = C+D+E					24,956.90
G. UNIT COST/ LOT					24,956.90

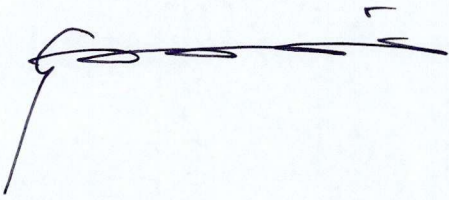




REPAIR FOR BOARDWALK RAILINGS AT SNAKE ISLAND  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	PAINTING WORKS	DATE:	
ITEM NO.:	1032(1)	TOTAL COS	9,527.73
WORK DESCRIPTION:	PAINTING WORKS	QTY.	1LOT

A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
SEMI LATEX PAINT (WHITE)	2	GALS	750	1,500.00	
SEMI LATEX PAINT (GREEN)	2	GALS	750	1,500.00	
SEMI LATEX PAINT (RED)	2	GALS	750	1,500.00	
SKIM COAT	1	BAGS	640	640.00	
PAINT BRUSH (2 1/2")	2	PCS	60	120.00	
PAINT BRUSH (1")	2	PCS	35	70.00	
PAINT BRUSH (1/2")	2	PCS	23.6	47.20	
				-	
SUB-TOTAL				5,377.20	
B. LABOR					
				1,882.02	
				-	
SUB-TOTAL				1,882.02	
C. ESTIMATED DIRECT COST (EDC)= a+b				7,259.22	
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC				1,088.88	
PROFIT as_10% of EDC				725.92	
TOTAL OF ( D )				1,814.81	
E. VALUE ADDED TAX_5_% of C+D				453.70	
F. TOTAL COST = C+D+E				9,527.73	
G. UNIT COST/ LOT				9,527.73	





REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
REGION IV-B MIMAROPA  
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

PROGRAM OF WORKS

PROJECT: REPAIR FOR GENERATOR HOUSE AT SNAKE ISLAND

LOCATION: SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY

APPROPRIATION: Php120,000.00

CAL. DAYS TO COMPLETE: 15 DAYS

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
405(1)	STRUCTURAL CONCRETE	1	LOT	49,515.38	49,515.38
902.1.a2	STEEL WORKS	1	LOT	21,412.88	21,412.88
1013	ROOFING WORKS	1	LOT	49,071.75	49,071.75
SUB-TOTAL					120,000.00

DIRECT COST

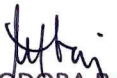
1 MATERIALS	69,864.87	
2 LABOR	21,563.70	
TOTAL DIRECT COST	91,428.57	76.19%
OCM EXPENSES	13,714.29	11.43%
CONTRACTOR PROFIT	9,142.86	7.62%
VAT	5,714.29	4.76%
	120,000.00	

TOTAL APROPRIATION	PHp.	120,000.00	100.00%
--------------------	------	------------	---------


Prepared by:

  
**RAYMART B. FUENTES**  
Proj. Monitoring & Evaluation Officer  
Technical Staff, CDS

Recommending Approval:

  
**RHODORA B. UBANI**  
Supervising ECOMS/ Chief-CDS

Approved:

  
**FELIZARDO B. CAYATOC**  
PENRO

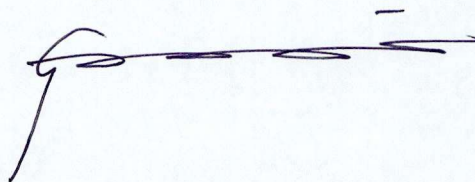






REPAIR FOR GENERATOR HOUSE AT SNAKE ISLAND  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	STEEL WORKS	DATE:			
		TOTAL COS	21,412.88		
ITEM NO.:	902.1.a2				
WORK DESCRIPTION:	REINFORCING STEEL	QTY.	1 LOT		
	(Dive House and Elevated Rain Water Tank)				
A. MATERIALS					
	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
	12 mm Ø RSB	117.48	KLS	46.82	5,500.41
	10 mm Ø RSB	59.52	KLS	51.07	3,039.69
	#16 TIE WIRE	2.00	KLS	84.89	169.77
	HACKSAW BLADE	5.00	BOX	675	3,375.00
					-
	SUB-TOTAL				12,084.87
B. LABOR					4,229.70
	SUB-TOTAL				4,229.70
C. ESTIMATED DIRECT COST (EDC)= a+b					16,314.57
D. INDIRECT COST/MARK-UP					
	OC as_15% of EDC				2,447.19
	PROFIT as_10% of EDC				1,631.46
	TOTAL OF ( D )				4,078.64
E. VALUE ADDED TAX_5_% of C+D					1,019.66
F. TOTAL COST = C+D+E					21,412.88
G. UNIT COST/ LOT					21,412.88

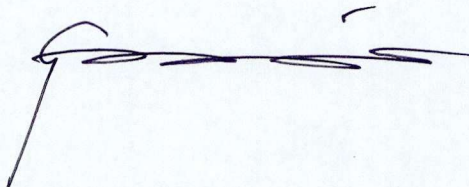





REPAIR FOR GENERATOR HOUSE AT SNAKE ISLAND  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	ROOFING WORKS	DATE:	
ITEM NO.:	1013	TOTAL COS	49,071.75
WORK DESCRIPTION:	ROOFING WORKS	QTY.	1LOT

A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
ONDULIN ROOFSHEET	20	PCS	638.00	12,760.00	
ONDULIN RIDGEROLL	2	PCS	435.00	870.00	
TEXSCREW (2")	500	PCS	5.00	2,500.00	
2x3x10ft GOOD LUMBER	100.00	BDFT.	55	5,500.00	
2x2x10ft GOOD LUMBER	66.00	BDFT.	55	3,630.00	
ASSTD. NAIL (3")	25.00	KGS	70	1,750.00	
ASSTD. NAIL (2")	25.00	KGS	70	1,750.00	
SUB-TOTAL				28,760.00	
B. LABOR				8,628.00	
SUB-TOTAL				8,628.00	
C. ESTIMATED DIRECT COST (EDC)= a+b				37,388.00	
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC				5,608.20	
PROFIT as_10% of EDC				3,738.80	
TOTAL OF ( D )				9,347.00	
E. VALUE ADDED TAX_5_% of C+D				2,336.75	
F. TOTAL COST = C+D+E				49,071.75	
G. UNIT COST/ LOT				49,071.75	





REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
REGION IV-B MIMAROPA  
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

PROGRAM OF WORKS

PROJECT: REPAIR FOR WATER CRAFT AT SNAKE ISLAND

LOCATION: SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY

APPROPRIATION: Php1,440,000.00

CAL. DAYS TO COMPLETE: 90 DAYS

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
1	SPEEDBOAT	1	LOT	240,000.00	240,000.00
2	M/Bca KALUMPANG	1	LOT	120,000.00	120,000.00
3	M/Bca HAWKSBILL	1	LOT	1,080,000.00	1,080,000.00
SUB-TOTAL					1,440,000.00


DIRECT COST

1 MATERIALS	841,351.24	
2 LABOR	255,791.62	
TOTAL DIRECT COST	1,097,142.86	76.19%

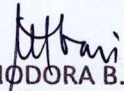
OCM EXPENSES	164,571.43	11.43%
CONTRACTOR PROFIT	109,714.29	7.62%
VAT	68,571.43	4.76%
	1,440,000.00	

TOTAL APROPRIATION	PHp.	1,440,000.00	100.00%
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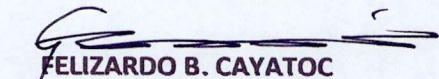
Prepared by:

  
**RAYMART B. FUENTES**  
Proj. Monitoring & Evaluation Officer  
Technical Staff, CDS

Recommending Approval:

  
**RHODORA B. UBANI**  
Supervising ECOMS/ Chief-CDS

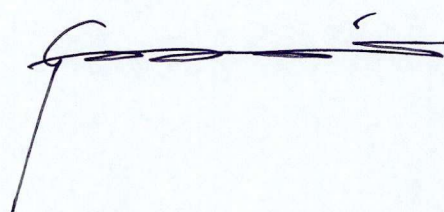
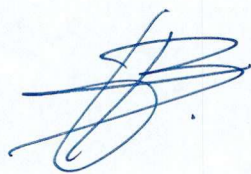
Approved:

  
**FELIZARDO B. CAYATOC**  
PENRO



REPAIR FOR WATER CRAFT AT SNAKE ISLAND  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

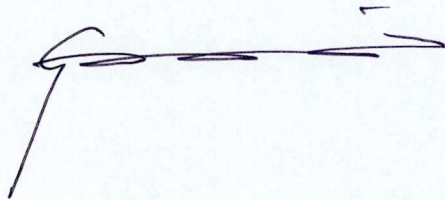
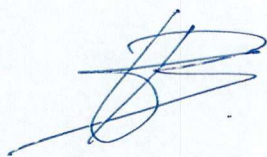
ITEM OF WORKS:	SPEEDBOAT	DATE:			
ITEM NO.:	1	TOTAL COST:	240,000.00		
WORK DESCRIPTION:	SPEEDBOAT	QTY.	1LOT		
A. MATERIALS					
	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
	SPEEDBOAT	1.00	L.S	140,659.34	140,659.34
					-
	SUB-TOTAL				140,659.34
B. LABOR					
					42,197.80
					-
	SUB-TOTAL				42,197.80
C. ESTIMATED DIRECT COST (EDC)= a+b					182,857.14
D. INDIRECT COST/MARK-UP					
	OC as_15% of EDC				27,428.57
	PROFIT as_10% of EDC				18,285.71
	TOTAL OF ( D )				45,714.29
E. VALUE ADDED TAX_5_% of C+D					11,428.57
F. TOTAL COST = C+D+E					240,000.00
G. UNIT COST/ LOT					240,000.00





REPAIR FOR WATER CRAFT AT SNAKE ISLAND  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

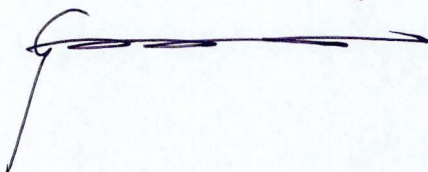
ITEM OF WORKS:	M/Bca KALUMPANG	DATE:			
ITEM NO.:	2	TOTAL COST:	120,000.00		
WORK DESCRIPTION:	M/Bca KALUMPANG	QTY.	1 LOT		
A. MATERIALS					
DESCRIPTION		QUANTITY	UNIT	UNIT COST	AMOUNT
M/Bca KALUMPANG		1.00	L.S	67,724.87	67,724.87
SUB-TOTAL					67,724.87
B. LABOR					23,703.70
SUB-TOTAL					23,703.70
C. ESTIMATED DIRECT COST (EDC)= a+b					91,428.57
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC					13,714.29
PROFIT as_10% of EDC					9,142.86
TOTAL OF ( D )					22,857.14
E. VALUE ADDED TAX_5_% of C+D					5,714.29
F. TOTAL COST = C+D+E					120,000.00
G. UNIT COST/ LOT					120,000.00





REPAIR FOR WATER CRAFT AT SNAKE ISLAND  
SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	M/Bca HAWKSBILL	DATE:			
		TOTAL COST:	1,080,000.00		
ITEM NO.:	3				
WORK DESCRIPTION:	M/Bca HAWKSBILL	QTY.	1LOT		
A. MATERIALS					
	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
	M/Bca HAWKSBILL	1.00	L.S	632,967.03	632,967.03
					-
	SUB-TOTAL				632,967.03
B. LABOR					
					189,890.11
					-
	SUB-TOTAL				189,890.11
C. ESTIMATED DIRECT COST (EDC)= a+b					
					822,857.14
D. INDIRECT COST/MARK-UP					
	OC as_15% of EDC				123,428.57
	PROFIT as_10% of EDC				82,285.71
	TOTAL OF ( D )				205,714.28
E. VALUE ADDED TAX_5_% of C+D					
					51,428.58
F. TOTAL COST = C+D+E					
					1,080,000.00
G. UNIT COST/ LOT					
					1,080,000.00





REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
REGION IV-B MIMAROPA  
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

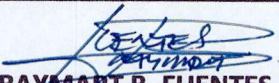
PROGRAM OF WORKS

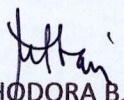
PROJECT: CONSTRUCTION OF BIG SHED  
LOCATION: SNAKE ISLAND,HONDA BAY, PUERTO PRINCESA CITY  
APPROPRIATION: Php420,000.00  
CAL. DAYS TO COMPLETE: 60 DAYS

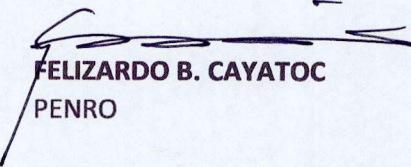
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	<b>GENERAL REQUIREMENTS</b>				
	<b>STRUCTURAL CONCRETE</b>				
405(1)	STRUCTURAL CONCRETE	60	CU.M.	2,127.73	127,663.59
	<b>PAINTING WORKS</b>				
1032(1)	PAINTING WORKS	257	SQM	86.28	22,173.24
	<b>STEEL WORKS</b>				
902.1.a2	REINFORCING STEEL	1	LOT	39,532.82	39,532.82
	<b>CARPENTRY WORKS</b>				
1003	CARPENTRY WORKS	1	LOT	122,353.82	122,353.82
	<b>MASONRY WORKS</b>				
	<b>ROOFING WORKS</b>				
1013	ROOFING WORKS	94.75	SQM	480.60	45,537.19
	<b>PLUMBING WORKS</b>				
1002	PLUMBING WORKS	1	LOT	54,344.02	54,344.02
	<b>ELECTRICAL WORKS</b>				
1100	ELECTRICAL WORKS	1	LOT	8,395.32	8,395.32
SUB-TOTAL					420,000.00

DIRECT COST		
1 MATERIALS	237,037.04	
2 LABOR	82,962.96	
TOTAL DIRECT COST	320,000.01	76.19%
OCM EXPENSES	48,000.00	11.43%
CONTRACTOR PROFIT	32,000.00	7.62%
VAT	19,999.99	4.76%
	420,000.00	

TOTAL APROPRIATION	PHp.	420,000.00	100.00%
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Prepared by:  
  
**RAYMART B. FUENTES**  
Proj. Monitoring and Evaluation  
Officer

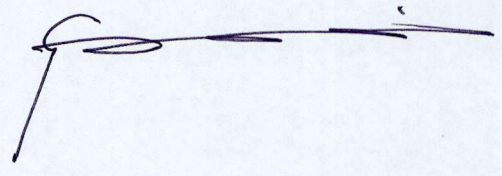
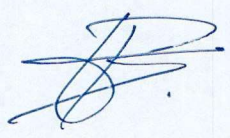
Recommending Approval:  
  
**RHODORA B. UBANI**  
Supervising ECOMS/ Chief-CDS

Approved:  
  
**FELIZARDO B. CAYATOC**  
PENRO



CONSTRUCTION OF BIG SHED  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	STRUCTURAL CONCRETE		DATE:	
ITEM NO.:	405(1)		TOTAL COST:	127,663.59
WORK DESCRIPTION:	STRUCTURAL CONCRETE (Dive House and Elevated Rain Water Tank)	QTY.		60 CU.M
A. MATERIALS				
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
PORTLAND CEMENT	165.00	BAGS	270	44,550.00
G1-GRAVEL	10.00	CU.M.	1800	18,000.00
WASHED SAND	5.00	CU.M.	1900	9,500.00
	SUB-TOTAL			72,050.00
B. LABOR				25,217.50
	SUB-TOTAL			25,217.50
C. ESTIMATED DIRECT COST (EDC)= a+b				97,267.50
D. INDIRECT COST/MARK-UP				
	OC as_15% of EDC			14,590.13
	PROFIT as_10% of EDC			9,726.75
	TOTAL OF ( D )			24,316.88
E. VALUE ADDED TAX_5_% of C+D				6,079.22
F. TOTAL COST = C+D+E				127,663.59
G. UNIT COST/ LOT				2,127.73





CONSTRUCTION OF BIG SHED  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:

PAINTING WORKS

DATE:

ITEM NO.:

1032(1)

TOTAL COST:

22,173.24

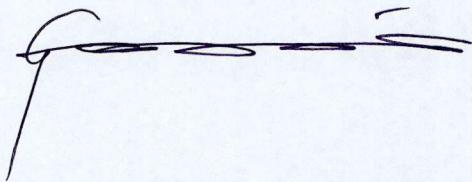

WORK DESCRIPTION:

PAINTING WORKS  
(Surface Area)

QTY.

257 sqm

A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
SEMI LATEX PAINT (WHITE)	5	GALS	750	3,750.00	
SEMI LATEX PAINT (GREEN)	3	GALS	750	2,250.00	
PRIMER PAINT (GREEN)	5	GALS	750	3,750.00	
SKIM COAT	4	BAGS	640	2,560.00	
PAINT BRUSH (2 1/2")	2	PCS	50	100.00	
PAINT BRUSH (1")	2	PCS	32	64.00	
PAINT BRUSH (1/2")	2	PCS	20	40.00	
				-	
SUB-TOTAL				12,514.00	
B. LABOR					
				-	
SUB-TOTAL				4,379.90	
C. ESTIMATED DIRECT COST (EDC)= a+b				16,893.90	
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC				2,534.09	
PROFIT as_10% of EDC				1,689.39	
TOTAL OF ( D )				4,223.48	
E. VALUE ADDED TAX_5_% of C+D				1,055.87	
F. TOTAL COST = C+D+E				22,173.24	
G. UNIT COST/ LOT				86.28	

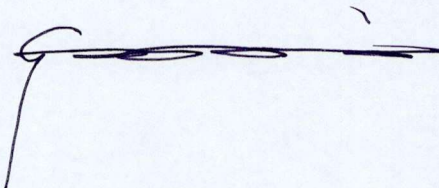
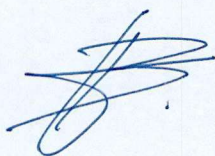




CONSTRUCTION OF BIG SHED  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	STEEL WORKS	DATE:	
ITEM NO.:	902.1.a2	TOTAL COST:	39,532.82
WORK DESCRIPTION:	REINFORCING STEEL	QTY.	1 LOT

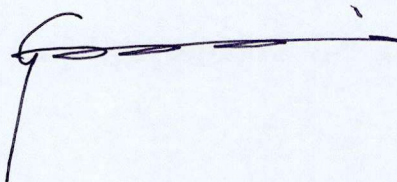
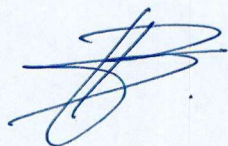
A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
12 mm Ø RSB	267.00	KLS	46.82	12,500.94	
10 mm Ø RSB	74.40	KLS	51.08	3,800.35	
#16 TIE WIRE	31.00	KLS	85	2,635.00	
HACKSAW BLADE	5.00	BOX	675	3,375.00	
				-	
SUB-TOTAL				22,311.29	
B. LABOR				7,808.95	
SUB-TOTAL				7,808.95	
C. ESTIMATED DIRECT COST (EDC)= a+b				30,120.24	
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC				4,518.04	
PROFIT as_10% of EDC				3,012.02	
TOTAL OF ( D )				7,530.06	
E. VALUE ADDED TAX_5_% of C+D				1,882.52	
F. TOTAL COST = C+D+E				39,532.82	
G. UNIT COST/ LOT				39,532.82	





CONSTRUCTION OF BIG SHED  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	CARPENTRY WORKS	DATE:		
		TOTAL COST:	122,353.82	
ITEM NO.:	1003			
WORK DESCRIPTION:	CARPENTRY WORKS (Trusses and Scaffolding)	QTY.	1LOT	
A. MATERIALS				
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3/4"THK. MARINE PLYWOOD	10.00	PCS.	1229	12,290.00
COCO LUMBER	380.00	BDFT.	45	17,100.00
2x5x12' GOOD LUMBER	160.00	BDFT.	55	8,800.00
2x5x16' GOOD LUMBER	40.00	BDFT.	55	2,200.00
2x5x10' GOOD LUMBER	25.00	BDFT.	55	1,375.00
2x4x10' GOOD LUMBER	53.33	BDFT.	55	2,933.15
2x3x10' GOOD LUMBER	310.00	BDFT.	55	17,050.00
2x2x10' GOOD LUMBER	33.33	BDFT.	55	1,833.15
Stainless screw & Toks	60.00	PCS.	12	720.00
ASSTD. NAIL	5.00	KGS	70	350.00
ASSTD. NAIL STAINLESS	5.00	KGS	250	1,250.00
SOLIGNUM	2.00	GAL	1576	3,152.00
				-
	SUB-TOTAL			69,053.30
B. LABOR				24,168.66
				-
	SUB-TOTAL			24,168.66
C. ESTIMATED DIRECT COST (EDC)= a+b				93,221.96
D. INDIRECT COST/MARK-UP				
	OC as_15% of EDC			13,983.29
	PROFIT as_10% of EDC			9,322.20
	TOTAL OF ( E )			23,305.49
E. VALUE ADDED TAX_5_% of C+D				5,826.37
F. TOTAL COST = C+D+E				122,353.82
G. UNIT COST/ LOT				122,353.82

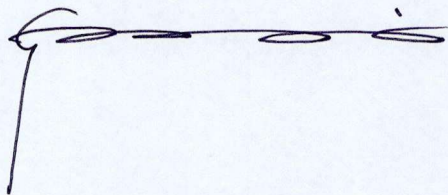
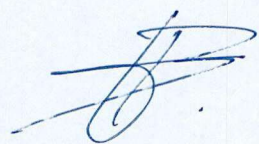




CONSTRUCTION OF BIG SHED  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	ROOFING WORKS	DATE:	
ITEM NO.:	1013	TOTAL COST:	45,537.19
WORK DESCRIPTION:	ROOFING WORKS	QTY.	94.75 SQ.M

A. MATERIALS				
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
Corrugated roof (12ft)	24	PCS	450.00	10,800.00
Ridgeroll Roof	6	PCS	350.00	2,100.00
Gutter	32	PCS	350.00	11,200.00
Texscrew	500	PCS	3.00	1,500.00
Rivets	100	PCS	1.00	100.00
				-
	SUB-TOTAL			25,700.00
B. LABOR				
				8,995.00
				-
	SUB-TOTAL			8,995.00
C. ESTIMATED DIRECT COST (EDC)= a+b				
				34,695.00
D. INDIRECT COST/MARK-UP				
	OC as_15% of EDC			5,204.25
	PROFIT as_10% of EDC			3,469.50
	TOTAL OF ( D )			8,673.75
E. VALUE ADDED TAX_5_% of C+D				
				2,168.44
F. TOTAL COST = C+D+E				
				45,537.19
G. UNIT COST/ LOT				
				480.60

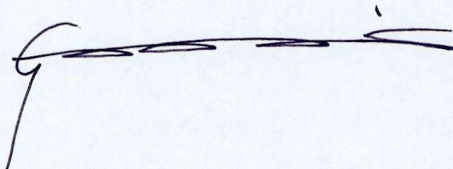
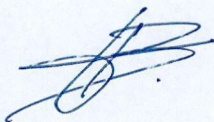




CONSTRUCTION OF BIG SHED  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	PLUMBING WORKS	DATE:	
ITEM NO.:	1002	TOTAL COST:	54,344.02
WORK DESCRIPTION:	PLUMBING WORKS (Common Toilet Plumbing Fixtures Replacement, Dive House Plumbing Fixtures Replacement, Elevated Rain Water Tank)	QTY.	1 LOT

A. MATERIALS					
DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
Water closet Fittings & accessories	2	SET	1,450.00	2,900.00	
Lavatory Fittings & accessories	2	SET	900.00	1,800.00	
Shower Watertec Brand	2	SET	650.00	1,300.00	
Lavatory faucet Watertec brand	2	SET	350.00	700.00	
Faucet Watertec Brand	7	SET	250.00	1,750.00	
Stainless Floor Drain with Drain plug	4	SET	420.00	1,680.00	
Stainless Floor Drain	11	PCS	350.00	3,850.00	
P-trap	4	PCS	320.00	1,280.00	
3" PVC Pipe Series 1000 Downspout	6	PCS	450.00	2,700.00	
3" PVC Pipe Series 1000 Tub Drain	2	PCS	450.00	900.00	
2" PVC Pipe Series 1000	3	PCS	280.00	840.00	
3"x2" PVC Tee	4	PCS	85.00	340.00	
3" PVC Elbow	8	PCS	45.00	360.00	
3" Clean out	4	PCS	65.00	260.00	
Solvent	6	QRT	265.00	1,590.00	
1/2"PPR Pipe PN 20	8	PCS	295.00	2,360.00	
Tank and Water line PPR Fitting PN 20	1	LS	2,400.00	2,400.00	
1/2" Ball Valve PPR	2	PCS	450.00	900.00	
Best Tank IHBWT-1500 Blue PE Tank	1	SET	64.90	64.90	
1 1/2 dia. X 3.0m uPVC Blue Pipe	1	PC	359.99	359.99	
1 1/2 dia. Ball valve	1	PC	2,335.46	2,335.46	
SUB-TOTAL				30,670.35	
B. LABOR				10,734.62	
SUB-TOTAL				10,734.62	
C. ESTIMATED DIRECT COST (EDC)= a+b				41,404.97	
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC				6,210.75	
PROFIT as_10% of EDC				4,140.50	
TOTAL OF ( D )				10,351.24	
E. VALUE ADDED TAX_5_% of C+D				2,587.80	
F. TOTAL COST = C+D+E				54,344.02	
G. UNIT COST/ LOT				54,344.02	





CONSTRUCTION OF BIG SHED  
AT SNAKE ISLAND, HONDA BAY, PUERTO PRINCESA CITY  
DETAILED ESTIMATE

ITEM OF WORKS:	ELECTRICAL WORKS			DATE:	
				TOTAL COST:	8,395.32
ITEM NO.:	1100				
WORK DESCRIPTION:	ELECTRICAL WORKS (Dive House)			QTY.	1 LOT
A. MATERIALS					
DESCRIPTION		QUANTITY	UNIT	UNIT COST	AMOUNT
Ceiling mounted Lighting		3	SETS	280.00	840.00
Convenience outlet		1	SET	260.00	260.00
1-gang switch		1	SET	150.00	150.00
2-gang switch		1	SET	260.00	260.00
Junction box		3	PCS	30.00	90.00
Utility Box		1	PC	28.10	28.10
2.2 mm2 THHN cu. Wire		50	MTS	25.00	1,250.00
3.5 mm2 THHN cu. Wire		20	MTS	35.00	700.00
1/2" Electrical PVC Pipe		12	PCS	85.00	1,020.00
Electrical Tape		4	ROLLS	35.00	140.00
SUB-TOTAL					4,738.10
B. LABOR					
SUB-TOTAL					1,658.34
C. ESTIMATED DIRECT COST (EDC)= a+b					6,396.44
D. INDIRECT COST/MARK-UP					
OC as_15% of EDC					959.47
PROFIT as_10% of EDC					639.64
TOTAL OF ( D )					1,599.11
E. VALUE ADDED TAX_5_% of C+D					399.78
F. TOTAL COST = C+D+E					8,395.32
G. UNIT COST/ LOT					8,395.32

