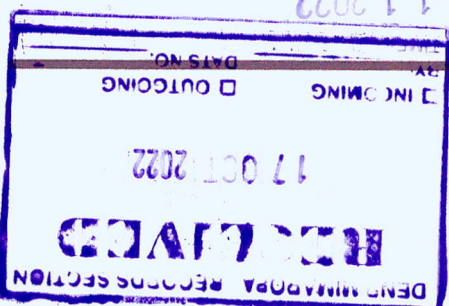




Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
Provincial Environment and Natural Resources Office



MEMORANDUM

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

THRU : The ARD, Technical Services

FROM : The OIC, PENR Officer

SUBJECT : REQUEST FOR APPROVAL OF WORK AND FINANCIAL PLAN
(WFP) AND UTILIZATION OF CONTINUING FUND UNDER
PAP 310205100002000 SOIL CONSERVATION AND
WATERSHED MANAGEMENT; CONSTRUCTION OF SMALL
WATER IMPOUNDING SYSTEM

Respectfully forwarded is the Memorandum dated October 03, 2022 of CENRO Sablayan relative to the above-mentioned subject. Please be informed that the said request is in relation to the continuing fund amounting to Five Hundred One Thousand Three Hundred Pesos (Php. 501,300.00) which will be used for the construction of 6.843 Cubic Meters of SWIS including Pipe Fittings, Plastering, Water Proofing and Painting of the said SWIS.

The purpose of SWIS construction is to augment the supply of water during summer to the main SWIS which was constructed last CY 2021 that will irrigate the established NGP Forest Nursery located at the Central Forest Product Monitoring Station, So, Yapan, Barangay Batong Buhay, Sablayan, Occidental Mindoro. And also to serve as domestic household consumption of the personnel assigned in the Monitoring Station.

Attached are the WFP, Detailed Cost Estimate, Location Map and Design for your reference.

For your information, evaluation and approval.

ERNESTO E. TANADA

CDS-TSD 10/11/2022

So. Pag-asa, Brgy. Payompon,
Mamburao, Occidental Mindoro
Email : tsdoccmim042@gmail.com



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

October 3, 2022

MEMORANDUM

FOR : The Regional Executive Director
DENR by the Bay Bldg., 1515 Roxas
Blvd., Ermita Manila

THRU : The OIC, PENR Officer
Mamburao, Occidental Mindoro

FROM : The CENR Officer

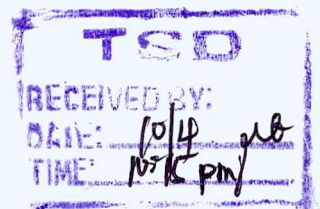
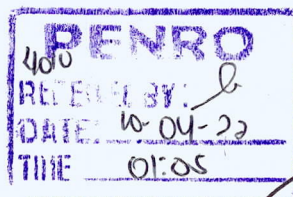
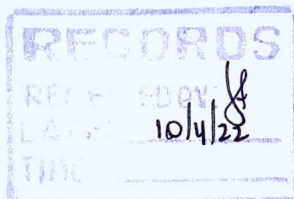
SUBJECT : **REQUEST FOR APPROVAL OF WORK AND
FINANCIAL PLAN (WFP) AND UTILIZATION OF
CONTINUING FUND UNDER PAP 310205100002000
SOIL CONSERVATION AND WATERSHED
MANAGEMENT: CONSTRUCTION OF SMALL
WATER IMPOUNDING SYSTEM**

This is in relation to the continuing fund of CENRO Sablayan under PAP 310205100002000 Soil Conservation and Watershed Management: Construction of Small Water Impounding System (SWIS) CY 2021.

In this regard, this Office would like to request for the approval of the Work and Financial Plan (WFP) and Request for the utilization of the continuing funds amounting to Five Hundred One Thousand Three Hundred Pesos (Php. 501,300.00). The said fund will be used for the Construction of 6.843 Cubic Meters of SWIS including Pipe Fittings, Plastering, Water Proofing and Painting of the said SWIS. The Purpose of Construction is to augment the supply of water during summer to the Main SWIS which was constructed last CY 2021 that benefits both the communities nearby and the established NGP Forest Nursery located at the Central Forest Product Monitoring Station, So. Yapang, Barangay. Batongbuhay, Sablayan, Occidental Mindoro.

Attached are the WFP, Detailed Cost Estimate, Location Map and Design for your reference.

For information and approval.




FOR. ANASTACIO A. SANTOS, MPA

Agency/Bureau: DENR REGION IV, MIMAROPA

Prepared by:

Recommending Approval:

Approved by:


MERCY A. TIANZA
For. I/Planning Officer

ANASTACIO A. SANTOS
CENR Officer

ERNESTO E. TAÑADA
PLNR Officer

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director

Agency/Bureau: DENR REGION IV, MIMAROPA

Prepared by:

Recommending Approval:

Approved by:

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director



Republic of the Philippines
 Department of Environment and Natural Resources
DENR-IVB MIMAROPA
 Community Environment & Natural Resources

DETAILED ESTIMATE

GENERAL INFORMATION

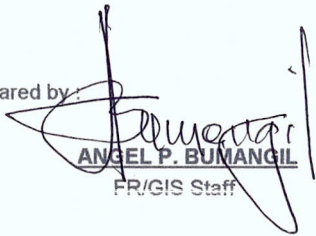
Name of Project : Small Water Impounding System
 Design Service Area : To augment the supply of water specially during summer time
 Storage Tank Capacity : 6.843 cu.m.
 Location : Sitio Culasisi, Brgy. Batong-buhay, Sablayan, Occidental Mindoro
 APPROPRIATION : Pph. 501,300.00

	DESCRIPTION	No.	No. of days	Rate/day	amount	Total Cost
Item	No. I- EXCAVATION & HAULING OF MATERIALS					
	Foreman	1	15	550	8,250.00	
	Common Laborer for excavation work	10	25	300	75,000.00	83,250.00
Item	No. II. CONSTRUCTION OF 6.843 CUM. SWIS & PIPE FITTINGS					
	A. MATERIALS	No.	Unit	Unit Cost		
	¾ size gravel	10	cu.m.	500.00	5,000.00	
	Sand S1	6	cu.m.	400.00	2,400.00	
	4" CHB	300	pcs.	13.00	3,900.00	
	Portland/furture cement	80	bags	260.00	20,800.00	
	Sahara Waterproofing compound	50	bags	60.00	3,000.00	
	16mm Ø Reinf. Bars	50	pcs.	490.00	24,500.00	
	12mm Ø Reinf. Bars	130	pcs.	280.00	36,400.00	
	10mm Ø Reinf. Bars	50	pcs.	200.00	10,000.00	
	#16 GI tie wire	1	rolls	2,500.00	2,500.00	
	1½" Ø PE Pipe SDR 11 for 60 mts./roll	1	roll	10,700.00	10,700.00	
	2" Ø GI. Pipe Sch. 40	2	pcs.	2,960.00	5,920.00	
	2" Ø Brass Gate Valve	1	pcs.	2,600.00	2,600.00	
	2" Ø x 90° GI. Elbow	4	pcs.	420.00	1,680.00	
	2" Ø GI. " T "	1	pcs.	460.00	460.00	
	1¼" Ø GI. Pipe Sch. 40	1	pcs.	2,180.00	2,180.00	
	1¼" Ø Brass Gate Valve	1	pcs.	1,200.00	1,200.00	
	1¼" Ø Plastic PE fitting adapter to 1¼ G.I. Pipe sch. 40	1	pcs.	649.00	649.00	
	1¼" X 1" Ø CPVC Pipe Reducer	2	pcs.	510.00	1,020.00	
	6" Rubber Water Stop	1	roll	4,500.00	4,500.00	139,409.00
	B. FORMS & SCAFOLDS					
	1/2" thk. Marine plywood	15	pcs.	860.00	12,900.00	
	200 pcs. 2"x 3"x12' lumber.	1,200	bd.ft.	35.00	42,000.00	
	Assorted sizes of common nail	2	box	2,375.00	4,750.00	59,650.00
	LABOR FOR Item # II CONSTRUCTION OF 6.843 CUM. SWIS					
	Description	No.	Duration	Rate/day	amount	Total Cost
	Foreman	1	30	600.00	18,000.00	
	Skilled Plumbers/Pipe Fitter	1	2	500.00	1,000.00	
	Skilled Carpenters	2	50	450.00	45,000.00	
	Laborer/Mangyans	2	50	300.00	30,000.00	94,000.00
Item	No. III. PLASTERING & WATER PROOFING WORKS					
	MATERIALS	No.	Unit	Unit Cost		


Skimcoat	2	bag	400.00	800.00	
Latex Flat	1	gal.	800.00	800.00	
Latex Gloss	1	gal.	820.00	820.00	
Ting-ting color	2	liter	250.00	500.00	
Sand Paper	5	ft.	60.00	300.00	
Roll brush	2	pcs.	175.00	350.00	
4" Paint Brush	2	pcs.	82.00	164.00	3,734.00
LABOR FOR PAINTING WORK					
Foreman	1	2	500.00	1,000.00	
Painter	1	2	450.00	900.00	1,900.00

Direct Cost of Labor & Materials =	381,943.00
15% of DC overhead Expenses =	57,291.45
10 % of DC Contractors Profit =	38,194.30
Sub total =	477,428.75
5% VAT =	23,871.44
TOTAL COST =	501,300.19
SAY =	501,300.00


Prepared by :


ANGEL P. BUMANGIL
 FR/GIS Staff

Checked & Reviewed by :


FOR. ANASTACIO A. SANTOS, MPA
 CENR Officer

Approved for implementation :

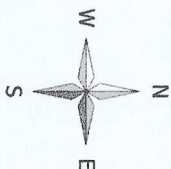
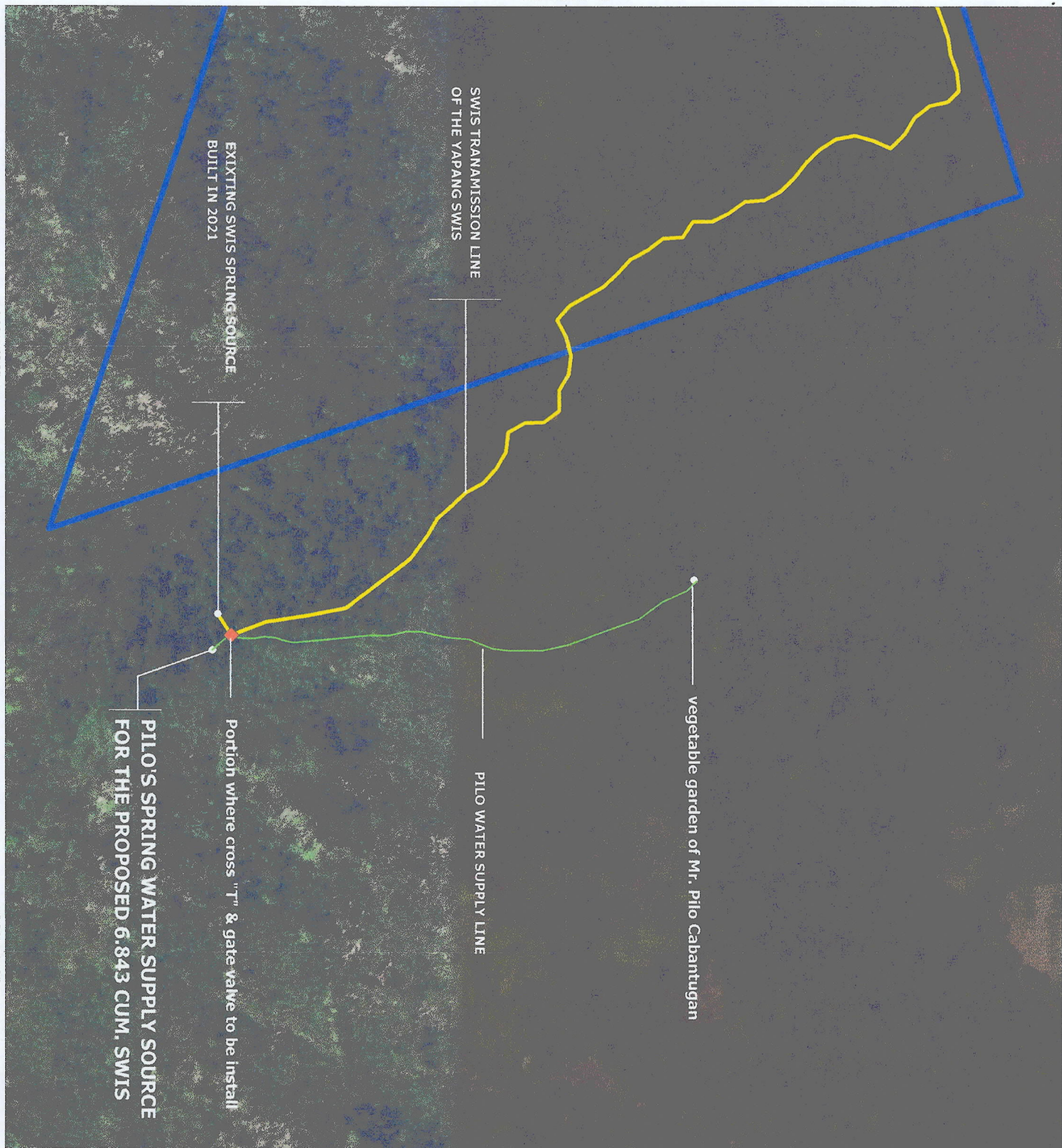

ERNESTO E. TAÑADA
 OIC, CENR Officer

120°55'30" E

120°55'50" E

12°51'10" N

12°51'10" N



MAP

showing the

RELATIVE LOCATION OF PROPOSED 6.843 CUM. SWIS
TO AUGMENT THE SUPPLY OF WATER TO THE MAIN SWIS

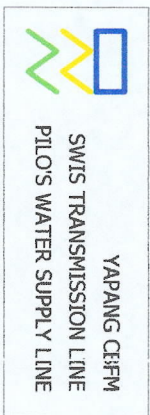
Located : Sitio Culasi, Barangay Batong-buhay, Sablayan
Occidental Mindoro

0 > 1 m

Scale : 1:6200

Projection: Geographic Coordinate System (GCS)
Datum : World Geodetic System 1984 (WGS84)

LEGEND



Prepared by :

Reviewed by :

ANGEL P. BUNARIGT, SR.
FR/GIS Staff

ISAIAS S. GUIMOD
FOR. III/Deputy DENR Officer

Noted by :

FOR. ANASTACIO A. SANTOS, MPA
CENTR Officer



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

October 3, 2022

MEMORANDUM

FOR : The Regional Executive Director
DENR by the Bay Bldg., 1515 Roxas
Blvd., Ermita Manila

THRU : The OIC, PENR Officer
Mamburao, Occidental Mindoro

FROM : The CENR Officer

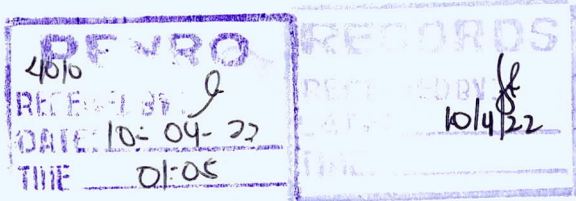
SUBJECT : **REQUEST FOR APPROVAL OF WORK AND
FINANCIAL PLAN (WFP) AND UTILIZATION OF
CONTINUING FUND UNDER PAP 310205100002000
SOIL CONSERVATION AND WATERSHED
MANAGEMENT: CONSTRUCTION OF SMALL
WATER IMPOUNDING SYSTEM**

This is in relation to the continuing fund of CENRO Sablayan under PAP 310205100002000 Soil Conservation and Watershed Management: Construction of Small Water Impounding System (SWIS) CY 2021.

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Attached are the WFP, Detailed Cost Estimate, Location Map and Design for your reference.

For information and approval.




FOR. ANASTACIO A. SANTOS, MPA

Agency/Bureau: DENR REGION IV, MIMAROPA

Prepared by:

Recommending Approval

ERNESTO E. TAÑADA
PENR Officer

Approved by:

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director



Republic of the Philippines
 Department of Environment and Natural Resources
DENR-IVB MIMAROPA
 Community Environment & Natural Resources

DETAILED ESTIMATE

GENERAL INFORMATION


Name of Project : Small Water Impounding System
 Design Service Area : To augment the supply of water specially during summer time
 Storage Tank Capacity : 6.843 cu.m.
 Location : Sitio Culasisi, Brgy. Batong-buhay, Sablayan, Occidental Mindoro
 APPROPRIATION : Pph. 501,300.00

	DESCRIPTION	No.	No. of days	Rate/day	amount	Total Cost
Item	No. I- EXCAVATION & HAULING OF MATERIALS					
	Foreman	1	15	550	8,250.00	
	Common Laborer for excavation work	10	25	300	75,000.00	83,250.00
Item	No. II. CONSTRUCTION OF 6.843 CUM. SWIS & PIPE FITTINGS					
	A. MATERIALS	No.	Unit	Unit Cost		
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	Sand S1	6	cu.m.	400.00	2,400.00	
	4" CHB	300	pcs.	13.00	3,900.00	
	Portland/fortune cement	80	bags	260.00	20,800.00	
	Sahara Waterproofing compound	50	bags	60.00	3,000.00	
	16mm Ø Reinf. Bars	50	pcs.	490.00	24,500.00	
	12mm Ø Reinf. Bars	130	pcs.	280.00	36,400.00	
	10mm Ø Reinf. Bars	50	pcs.	200.00	10,000.00	
	#16 GI tie wire	1	rolls	2,500.00	2,500.00	
	1½" Ø PE Pipe SDR 11 for 60 mts./roll	1	roll	10,700.00	10,700.00	
	2" Ø GI. Pipe Sch. 40	2	pcs.	2,960.00	5,920.00	
	2" Ø Brass Gate Valve	1	pcs.	2,600.00	2,600.00	
	2" Ø x 90° GI. Elbow	4	pcs.	420.00	1,680.00	
	2" Ø GI. " T "	1	pcs.	460.00	460.00	
	1¼" Ø GI. Pipe Sch. 40	1	pcs.	2,180.00	2,180.00	
	1¼" Ø Brass Gate Valve	1	pcs.	1,200.00	1,200.00	
	1¼" Ø Plastic PE fitting adapter to 1¼ G.I. Pipe sch. 40	1	pcs.	649.00	649.00	
	1¼" X 1" Ø CPVC Pipe Reducer	2	pcs.	510.00	1,020.00	
	6" Rubber Water Stop	1	roll	4,500.00	4,500.00	139,409.00
	B. FORMS & SCAFOLDS					
	1/2" thk. Marine plywood	15	pcs.	860.00	12,900.00	
	200 pcs. 2"x 3"x12' lumber.	1,200	bd.ft.	35.00	42,000.00	
	Assorted sizes of common nail	2	box	2,375.00	4,750.00	59,650.00
	LABOR FOR Item # II CONSTRUCTION OF 6.843 CUM. SWIS					
	Description	No.	Duration	Rate/day	amount	Total Cost
	Foreman	1	30	600.00	18,000.00	
	Skilled Plumbers/Pipe Fitter	1	2	500.00	1,000.00	
	Skilled Carpenters	2	50	450.00	45,000.00	
	Laborer/Mangyans	2	50	300.00	30,000.00	94,000.00
Item	No. III. PLASTERING & WATER PROOFING WORKS					
	MATERIALS	No.	Unit	Unit Cost		

Skimcoat	2	bag	400.00	800.00	
Latex Flat	1	gal.	800.00	800.00	
Latex Gloss	1	gal.	820.00	820.00	
Ting-ting color	2	liter	250.00	500.00	
Sand Paper	5	ft.	60.00	300.00	
Roll brush	2	pcs.	175.00	350.00	
4" Paint Brush	2	pcs.	82.00	164.00	3,734.00
LABOR FOR PAINTING WORK					
Foreman	1	2	500.00	1,000.00	
Painter	1	2	450.00	900.00	1,900.00

Direct Cost of Labor & Materials =	381,943.00
15% of DC overhead Expenses =	57,291.45
10 % of DC Contractors Profit =	38,194.30
Sub total =	477,428.75
5% VAT =	23,871.44
TOTAL COST =	501,300.19
SAY =	501,300.00

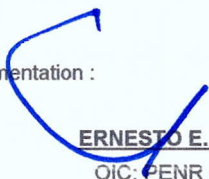
Prepared by :


ANGEL P. BUMANGAL
 FR/GIS Staff

Checked & Reviewed by :


FOR. ANASTACIO A. SANTOS, MPA
 CENR Officer

Approved for implementation :

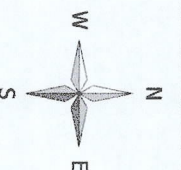

ERNESTO E. TAÑADA
 OIC, PENR Officer

120°55'30" E

120°55'50" E

12°51'10" N

12°51'10" N



MAP

showing the

**RELATIVE LOCATION OF PROPOSED 6.843 CUM. SWIS
TO AUGMENT THE SUPPLY OF WATER TO THE MAIN SWIS**

Located : Sitio Culasi, Barangay Batong-buhay, Sablayan
Occidental Mindoro

0 > 1 m

Scale : 1:6200

Projection: Geographic Coordinate System (GCS)
Datum : World Geodetic System 1984 (WGS-4)

LEGEND



YAPANG CEFM
SWIS TRANSMISSION LINE
PILO'S WATER SUPPLY LINE

SWIS TRANSMISSION LINE
OF THE YAPANG SWIS

EXISTING SWIS SPRING SOURCE
BUILT IN 2021

vegetable garden of Mr. Pilo Cabantugan

PILO WATER SUPPLY LINE

Portion where cross "T" & gate valve to be install

PILO'S SPRING WATER SUPPLY SOURCE
FOR THE PROPOSED 6.843 CUM. SWIS

Prepared by :

Reviewed by :

ANGEL P. BORRANICO, SR.
FR/GIS Staff

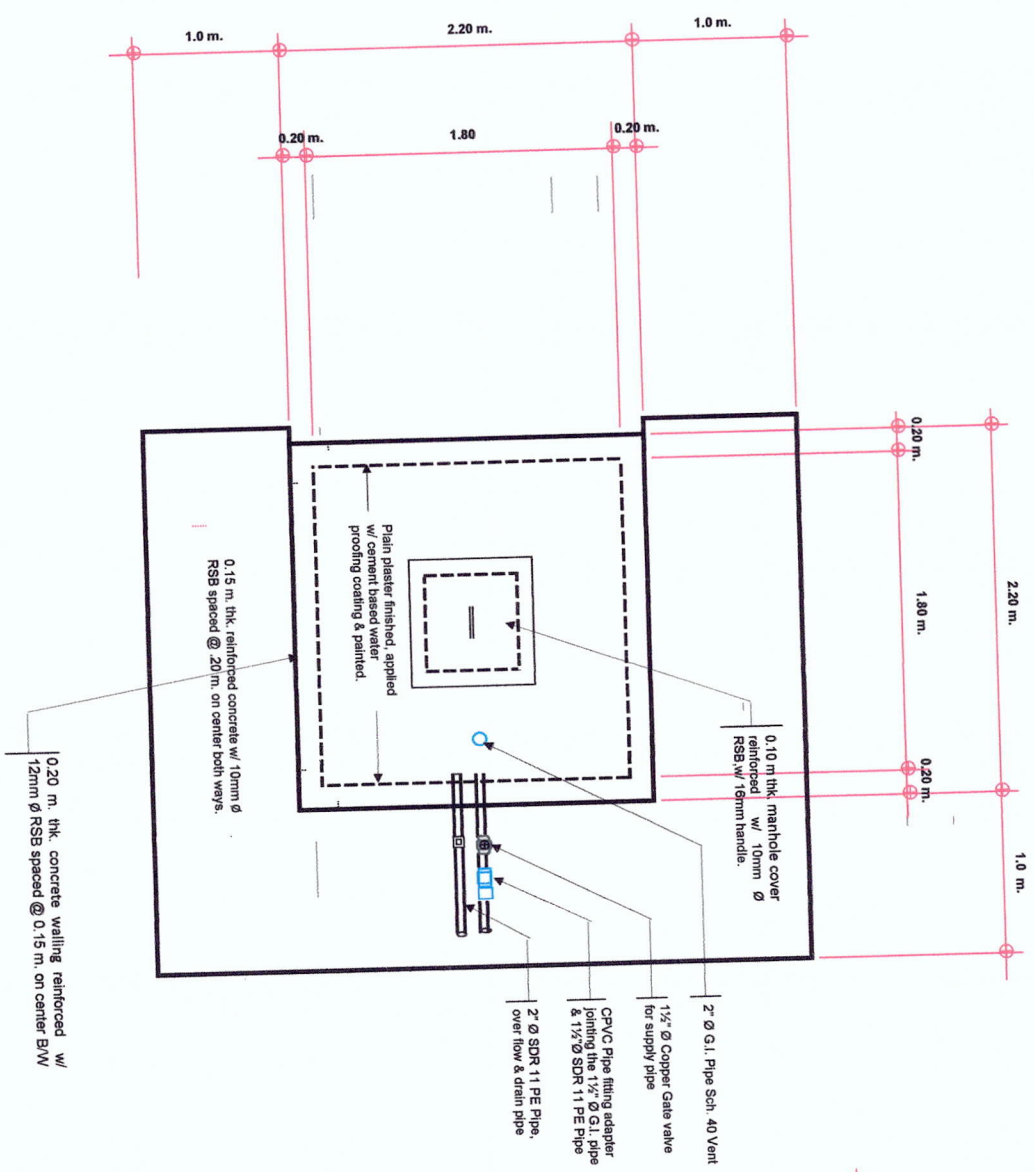
ISAAC M. GUIMOD
FOR, III/Deputy CENR Officer

Noted by :

FOR. ANASTACIO SANTOS, MPA
CENR Officer

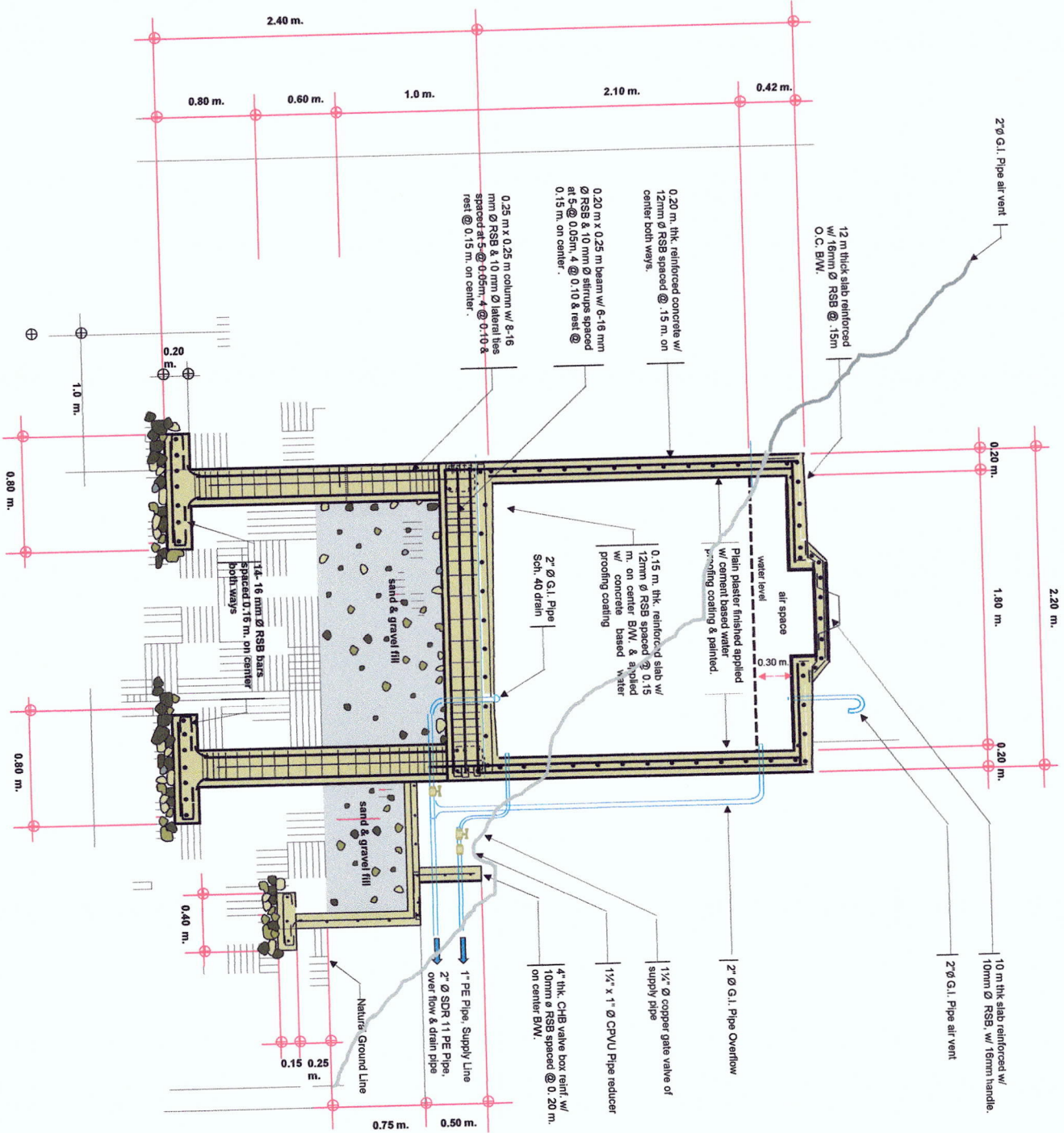
120°55'30" E

120°55'50" E



TOP PLAN

Scale 1: 400 m.



DETAILED SECTION

Scale 1:400 m.

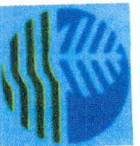
Project title

Prepared by :

Reviewed by:

Approved by :

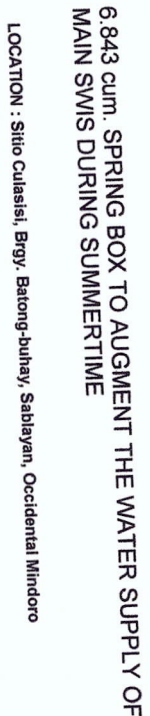
Sheet No.



6.843 cum. SPRING BOX TO AUGMENT THE WATER SUPPLY OF MAIN SWIS DURING SUMMERTIME

FOR. ANASTACIO A. SANTOS
CENR Officer

ERNESTO E. TAÑADA
OIC/PENR Officer



Prepared by:

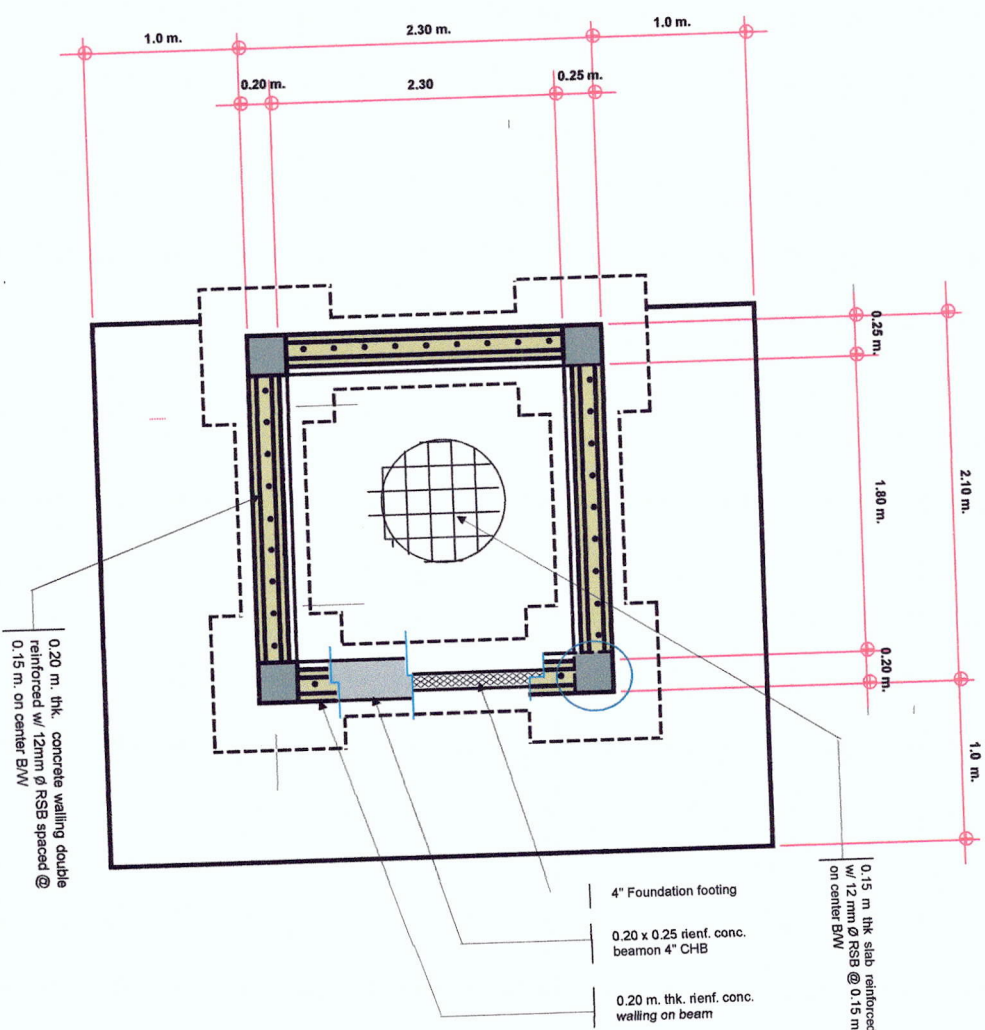
Reviewed by:

Approved by

Sheet No.

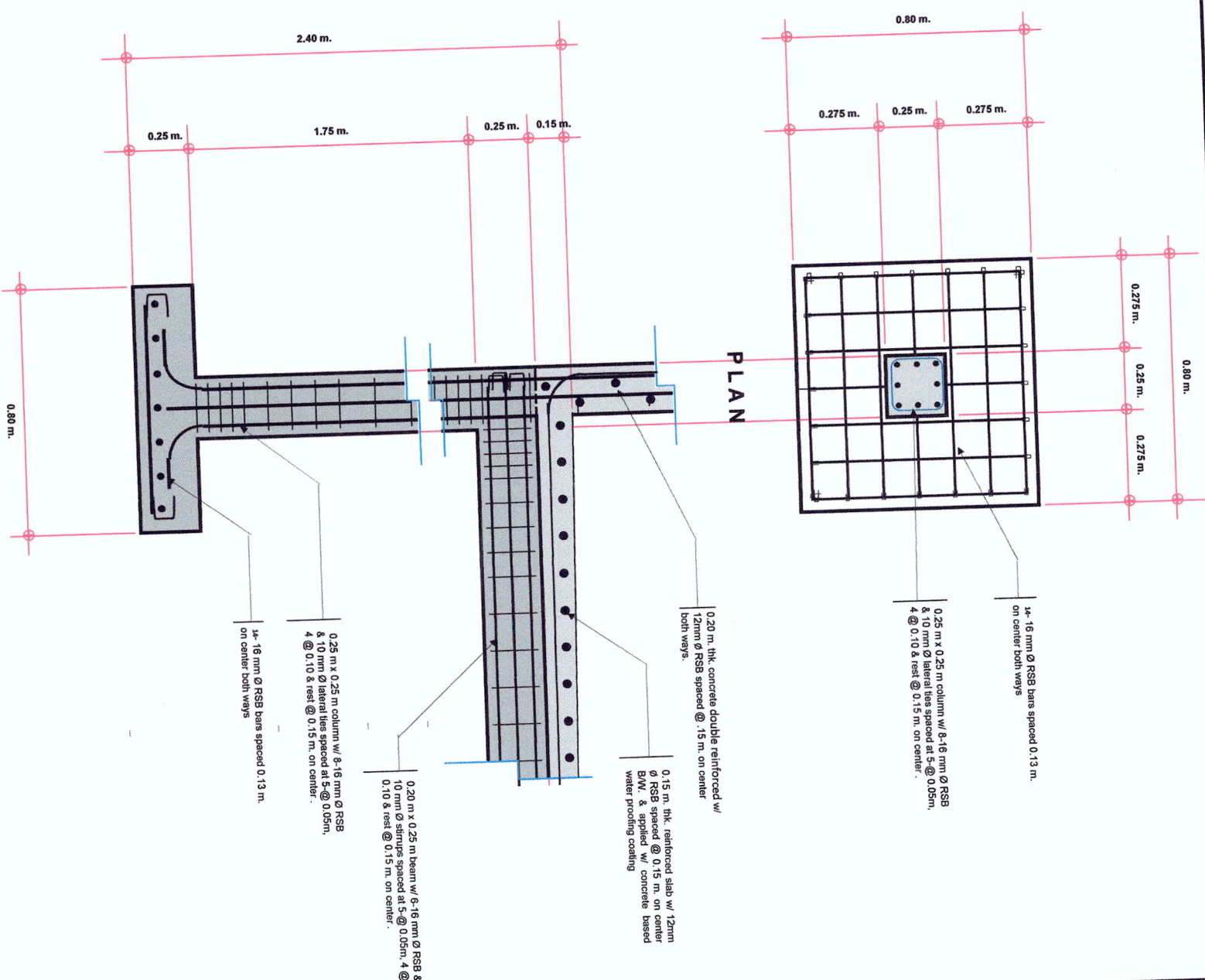
FOUNDATION PLAN

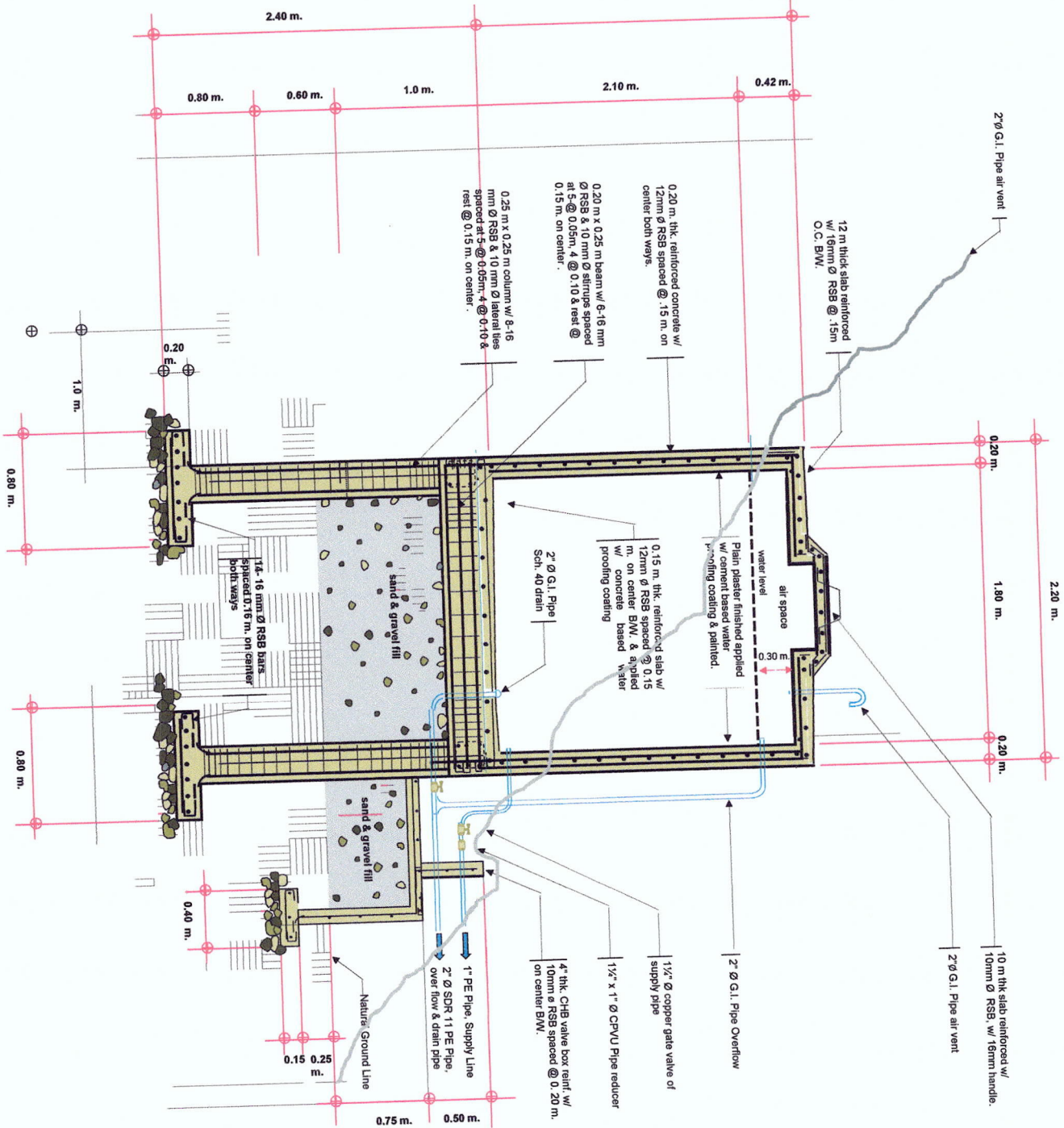
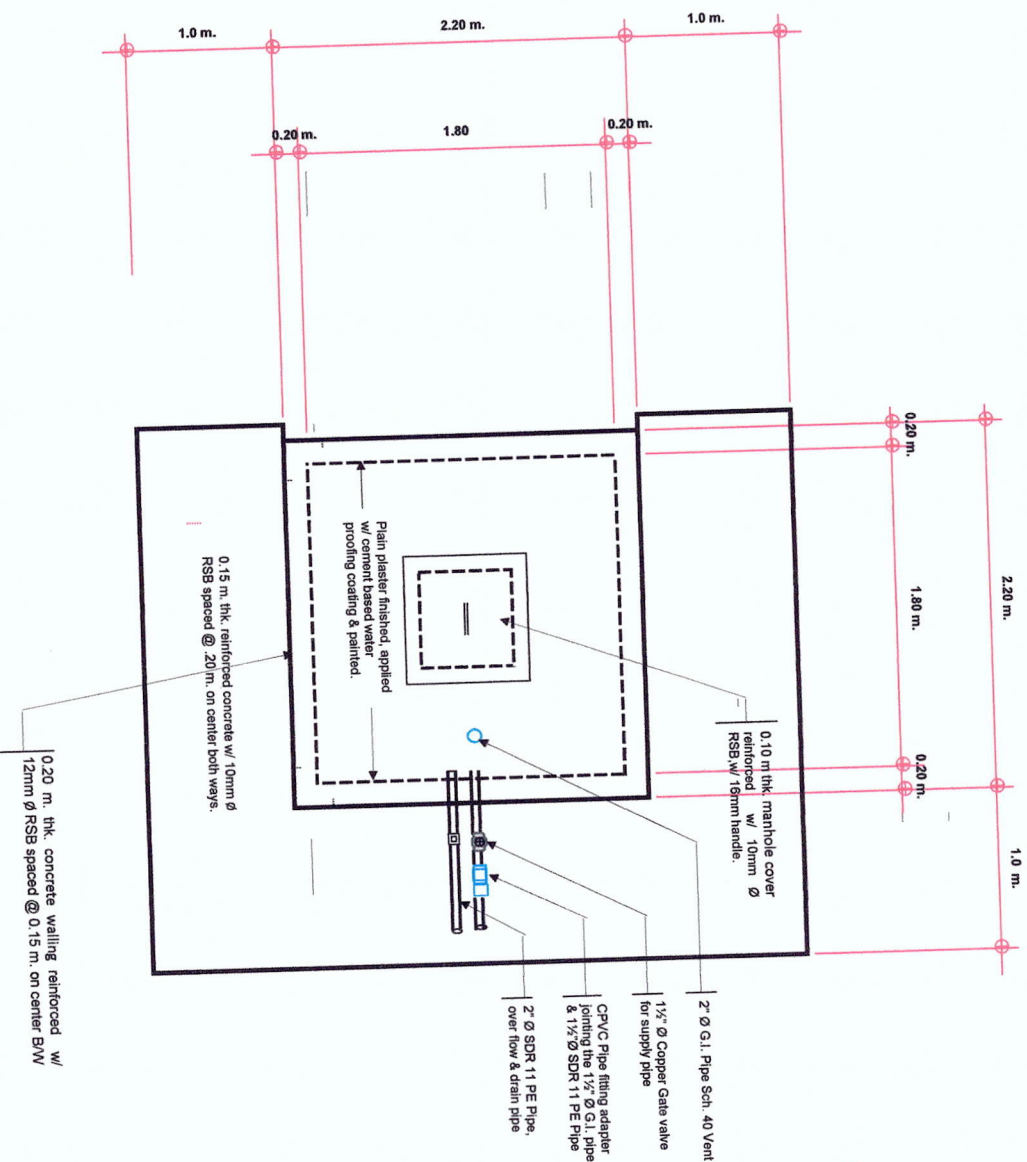
Scale 1 : 400 m



DETAILS OF COLUMN FOOTING

Scale
1: 400 ft





6.843 cum. SPRING BOX TO AUGMENT THE WATER SUPPLY OF MAIN SWIS DURING SUMMERTIME
LOCATION : Sitio Cuiasasi, Brgy. Batong-buhay, Sablayan, Occidental Mindoro

Prepared by :
ANGEL P. BUMANGAL
FR/GIS Staff

Reviewed by :
FOR ANASTACIO SANTOS
CENR Officer

Approved by :
ERNESTO E. TANADA
OIC, CENR Officer



Prepared by:

Reviewed by:

Approved by:

Sheet No.



2