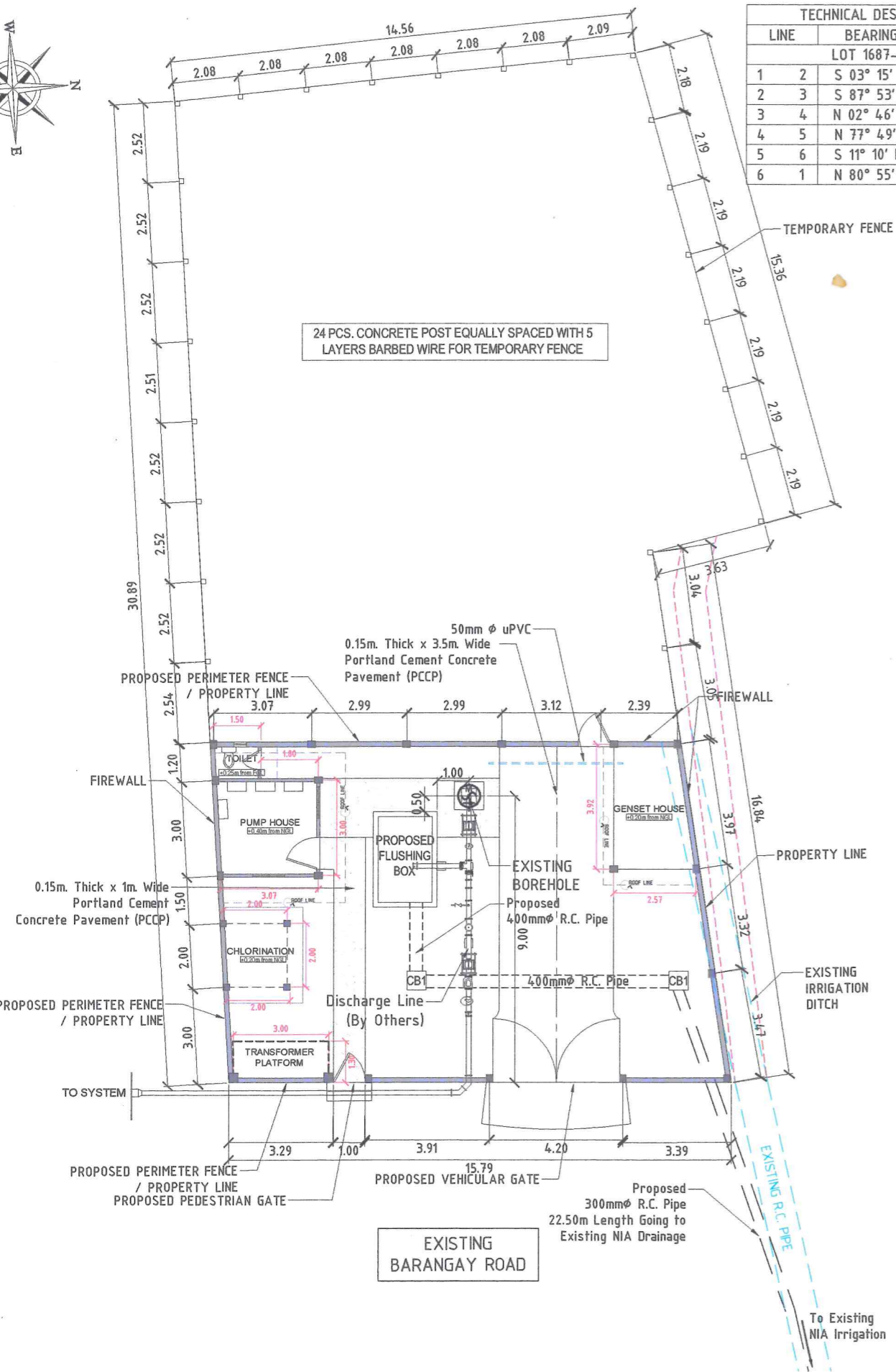


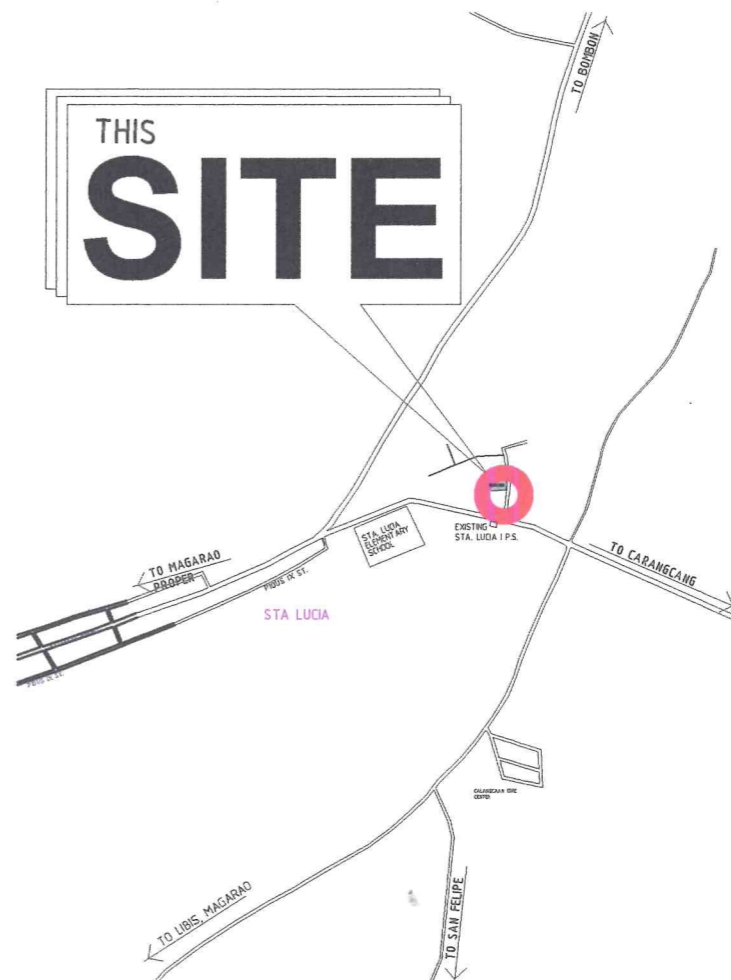
TECHNICAL DESCRIPTION			
LINE		BEARING	DISTANCE
LOT 1687-A-2			
1	2	S 03° 15' W	15.79 mts.
2	3	S 87° 53' W	30.89 mts.
3	4	N 02° 46' W	14.56 mts.
4	5	N 77° 49' E	15.36 mts.
5	6	S 11° 10' E	3.63 mts.
6	1	N 80° 55' E	16.97 mts.



24 PCS. CONCRETE POST EQUALLY SPACED WITH 5 LAYERS BARBED WIRE FOR TEMPORARY FENCE



⊖ PERSPECTIVE

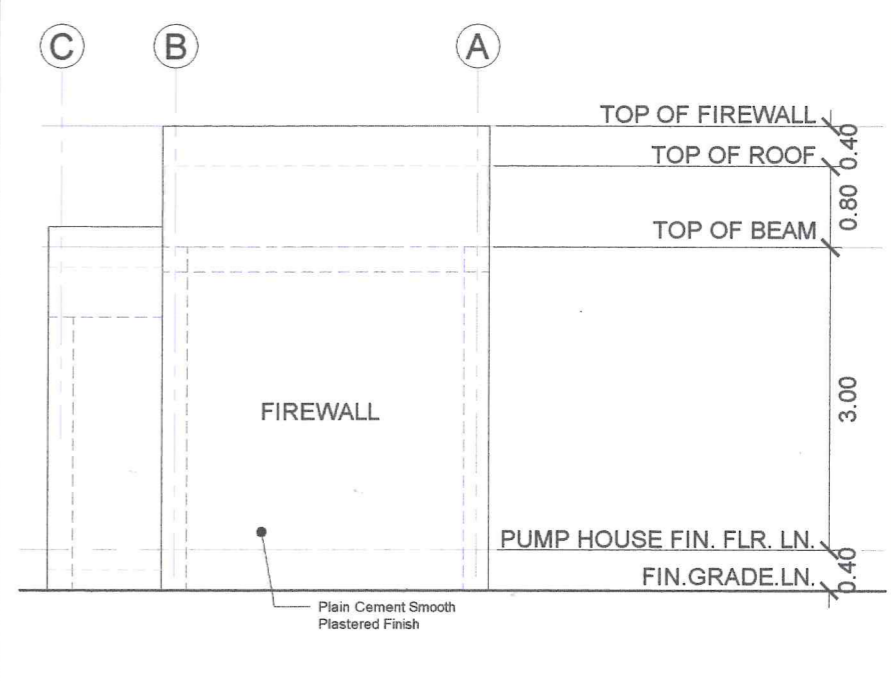
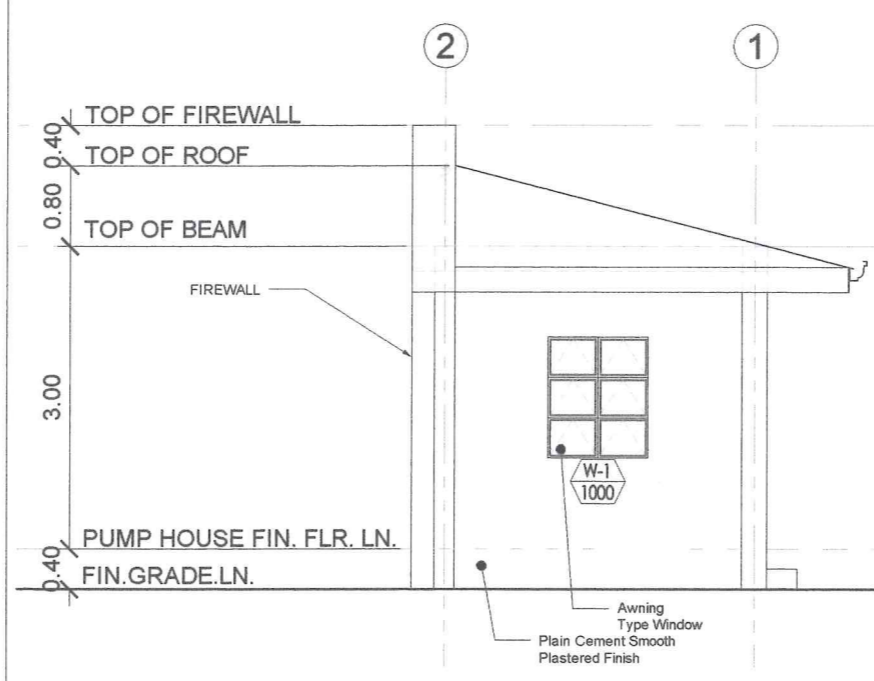
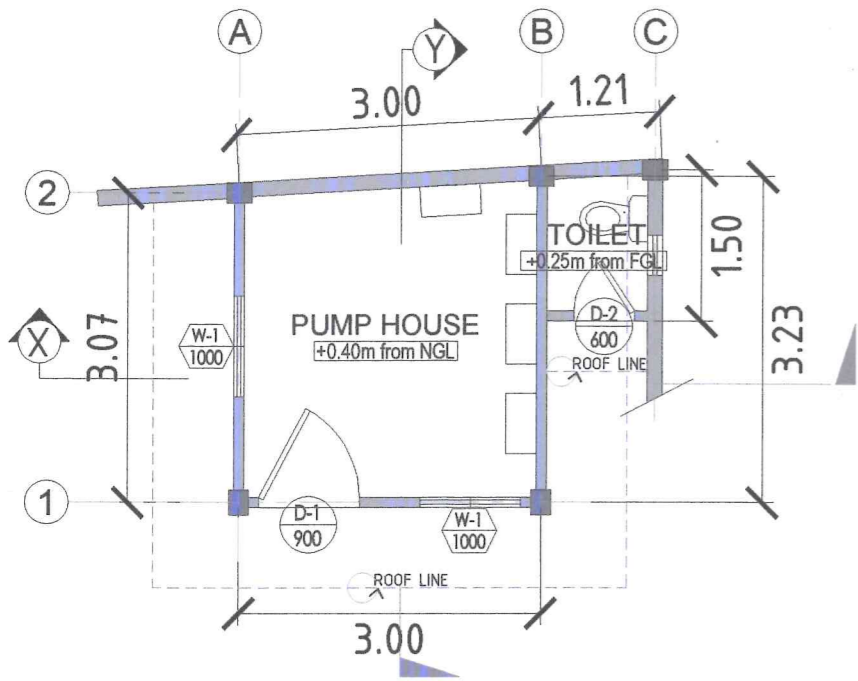


⊖ VICINITY MAP

SITE DEVELOPMENT PLAN

SCALE 1 : 175 MTS

N.T.S.



FLOOR PLAN (PUMP HOUSE)

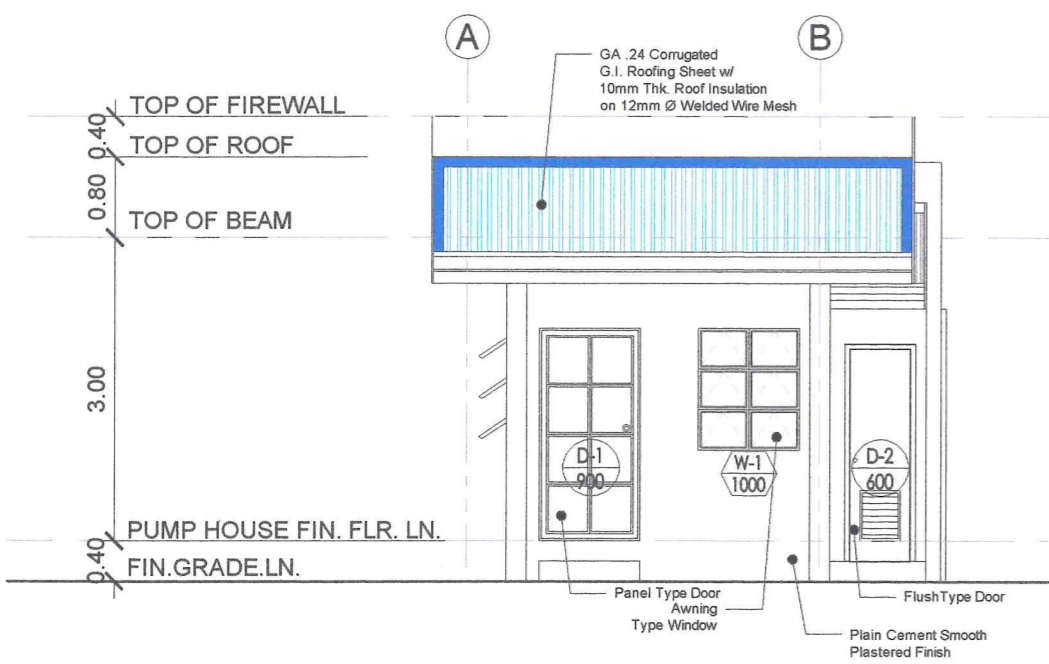
SCALE 1 : 75 MTS

LEFTSIDE ELEVATION

SCALE 1 : 75 MTS

REAR ELEVATION

SCALE 1 : 75 MTS

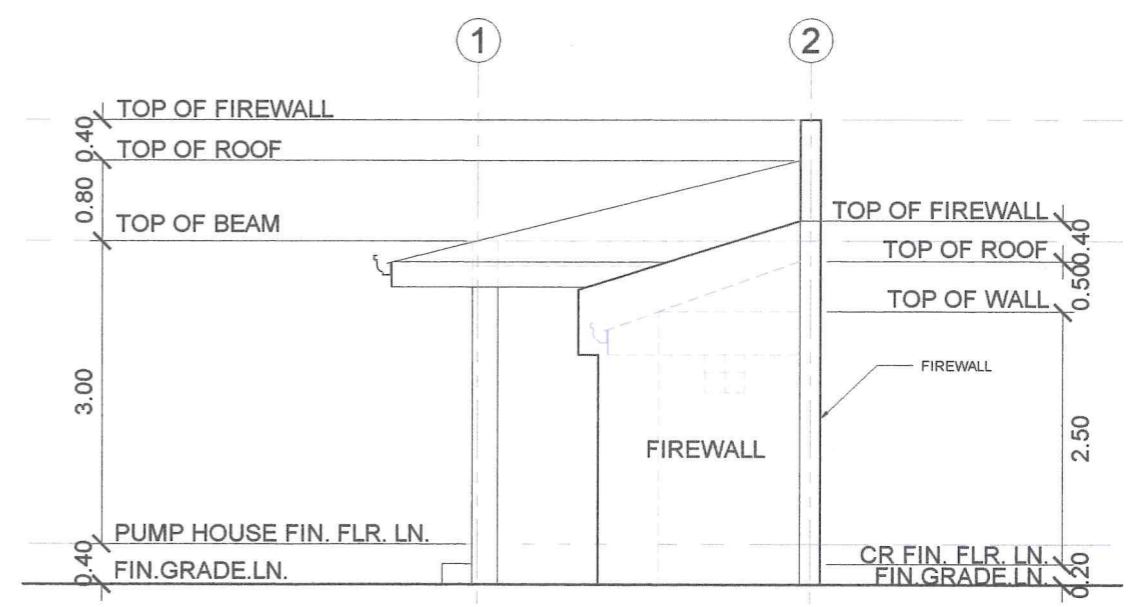


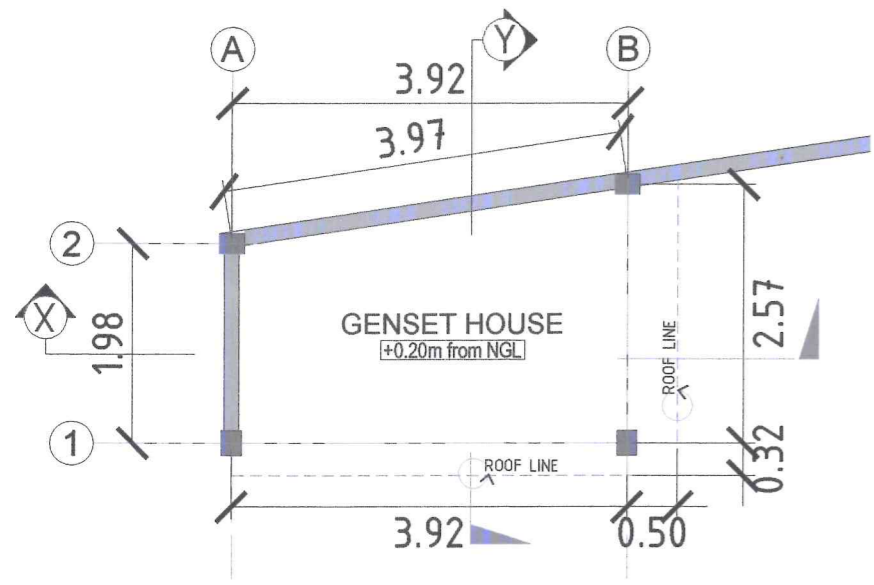
FRONT ELEVATION

SCALE 1 : 75 MTS

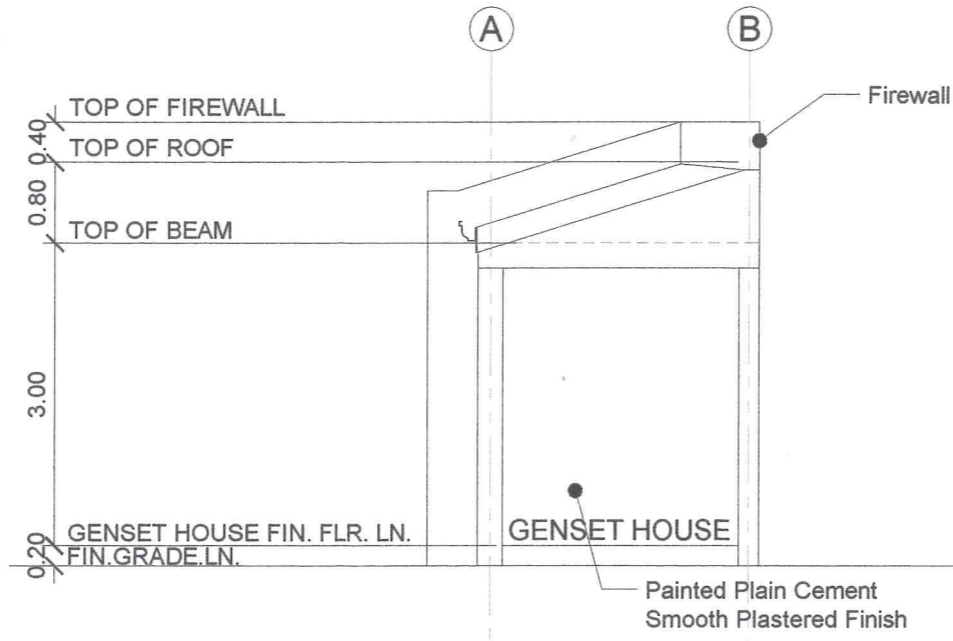
RIGHTSIDE ELEVATION

SCALE 1 : 75 MTS

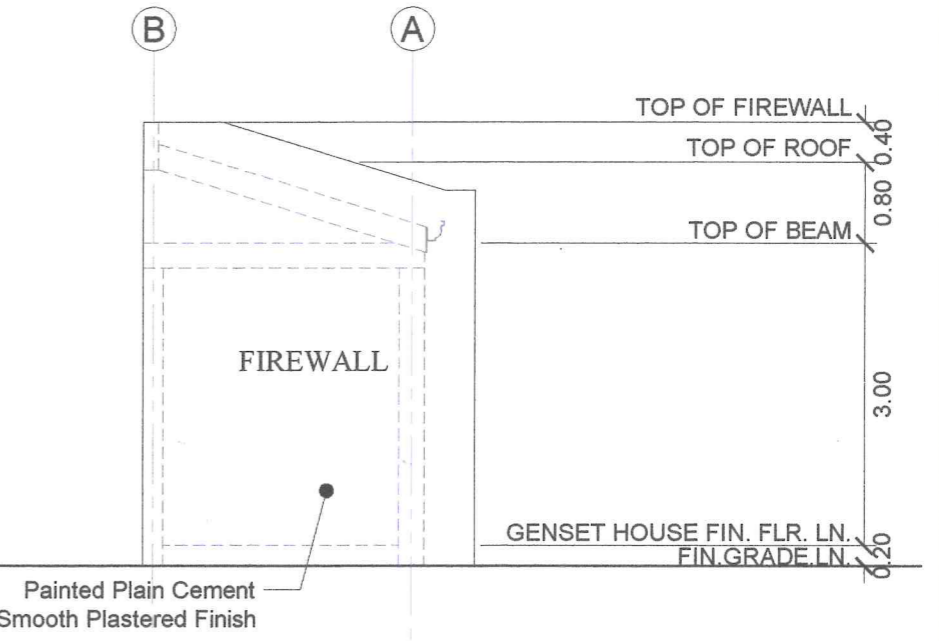




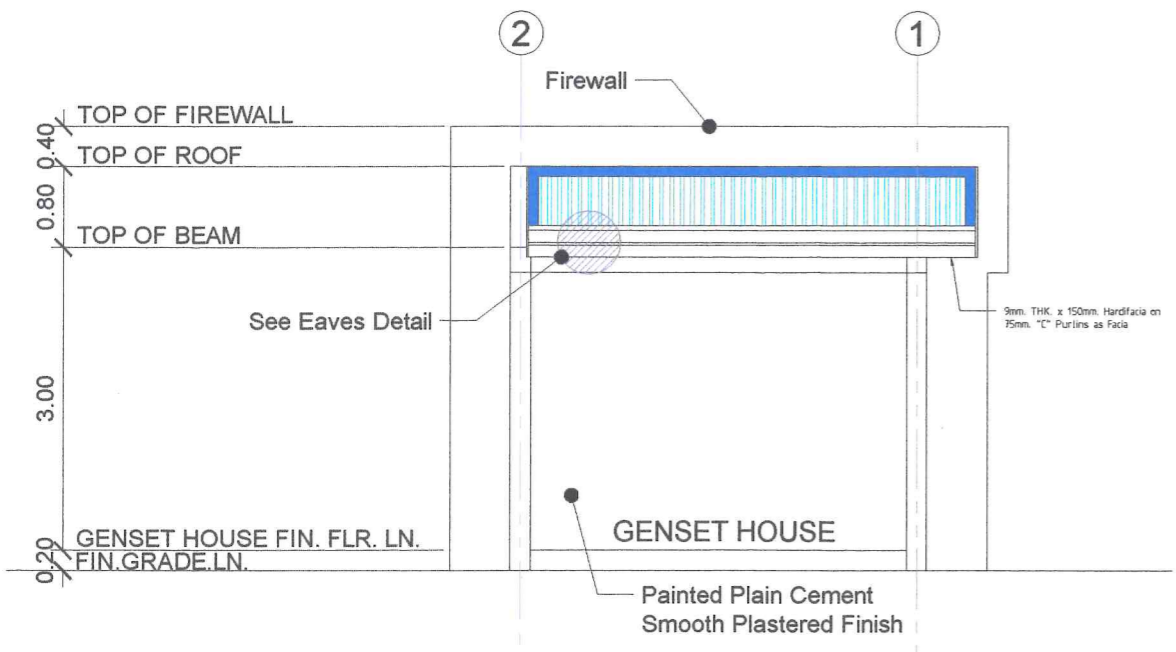
FLOOR PLAN (GENSET HOUSE) SCALE 1 : 75 MTS



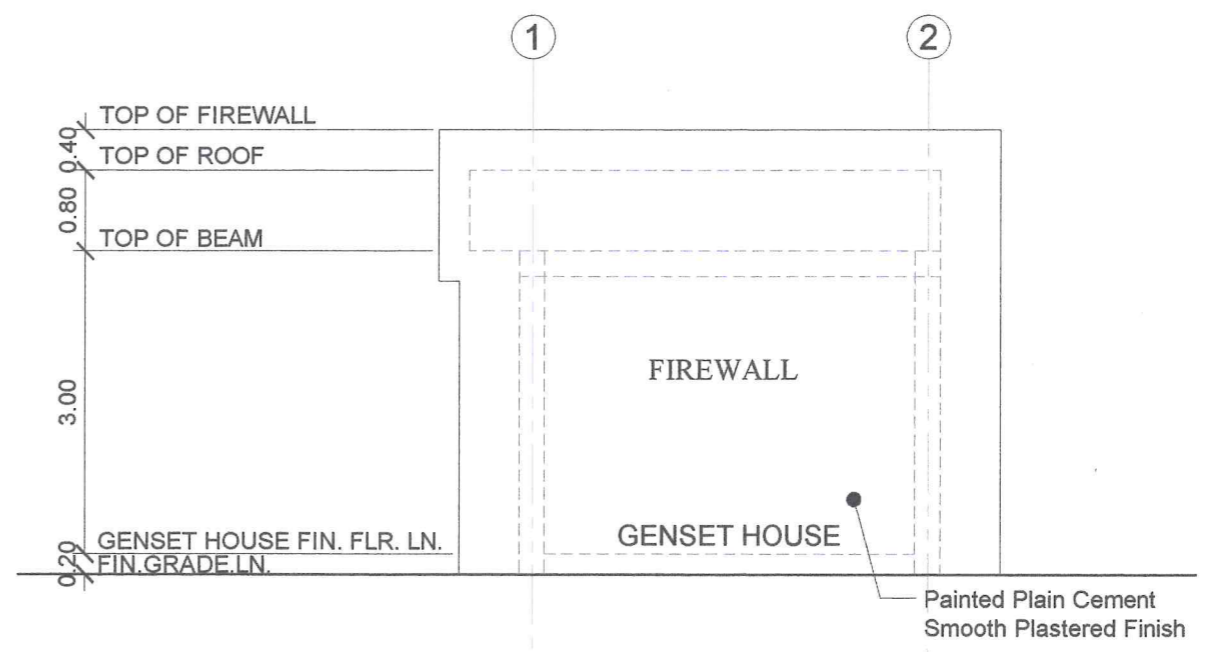
RIGHTSIDE ELEVATION SCALE 1 : 75 MTS



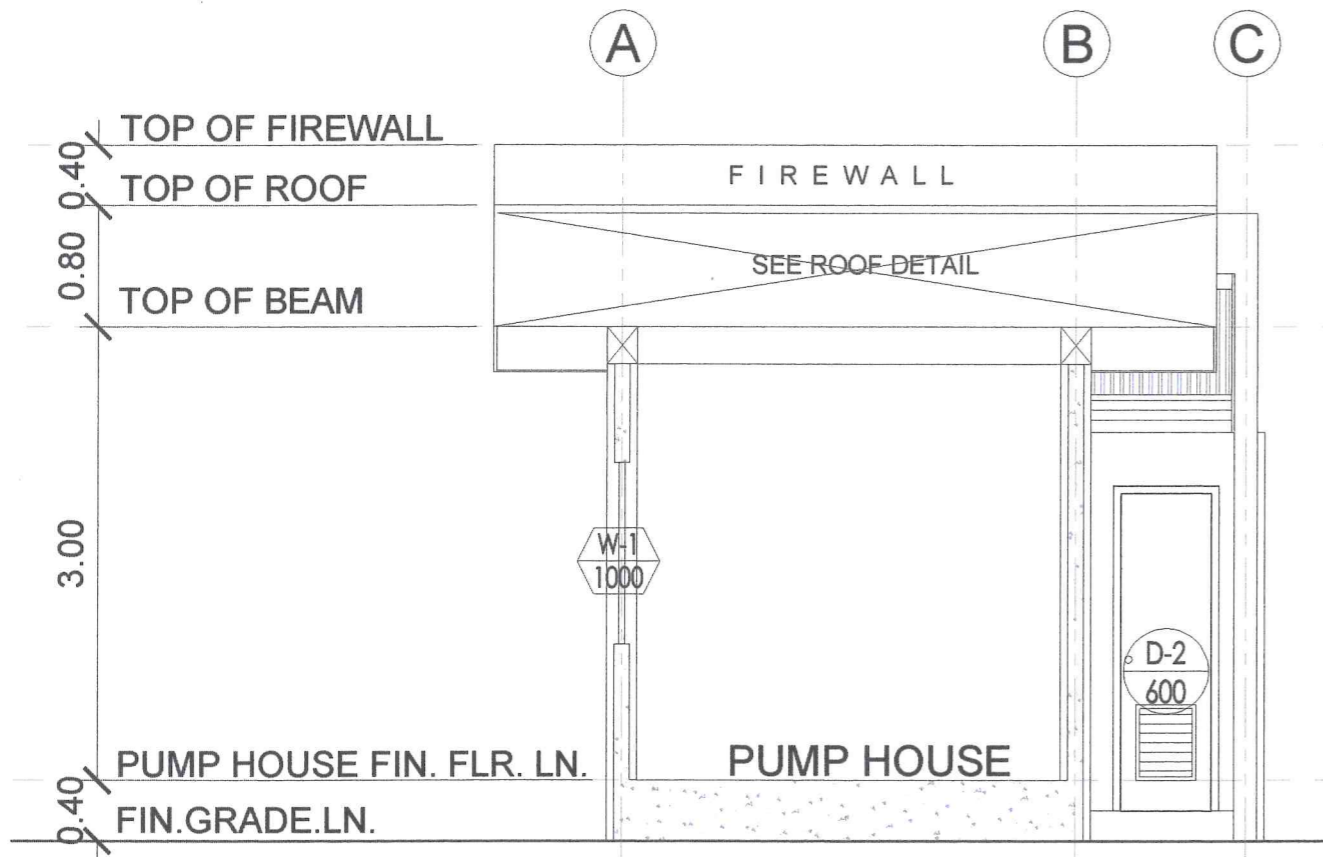
LEFTSIDE ELEVATION SCALE 1 : 75 MTS



FRONT ELEVATION SCALE 1 : 75 MTS

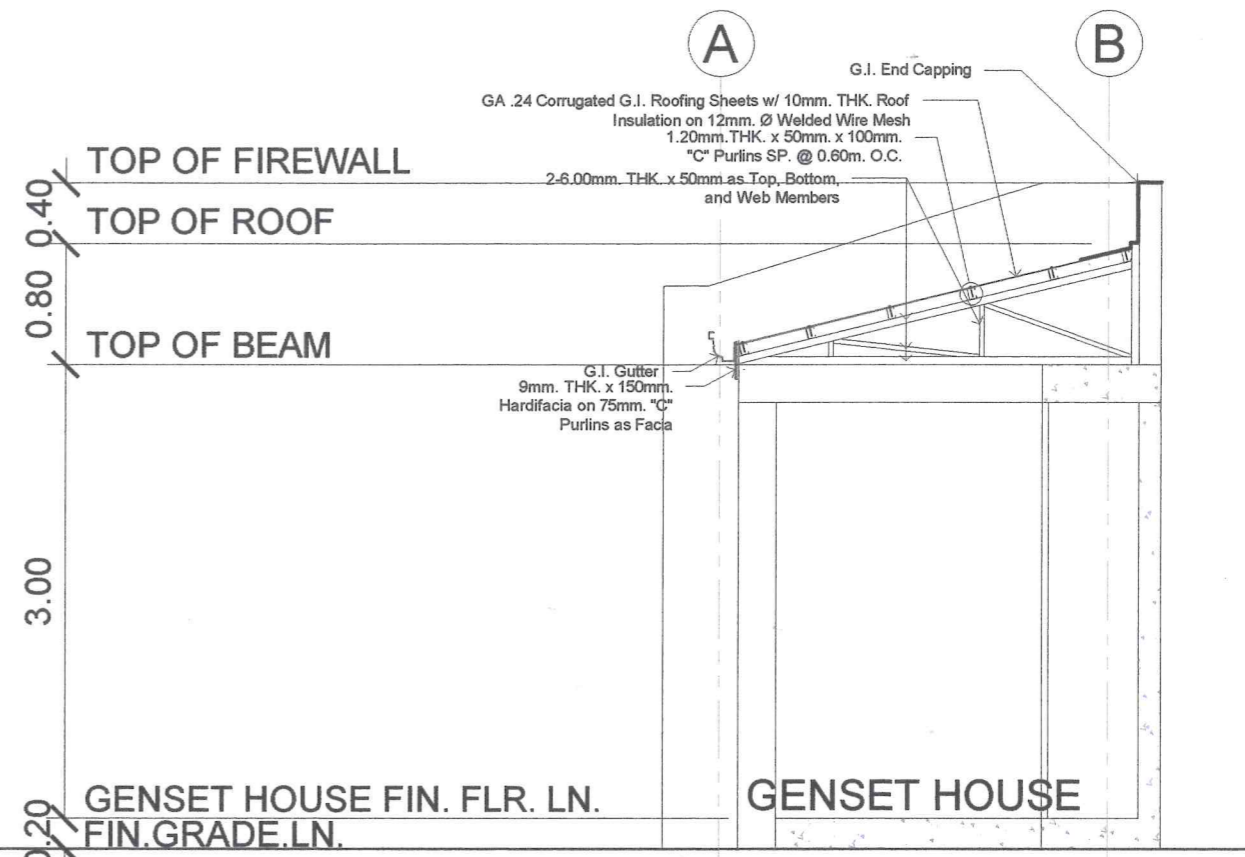


REAR ELEVATION SCALE 1 : 75 MTS



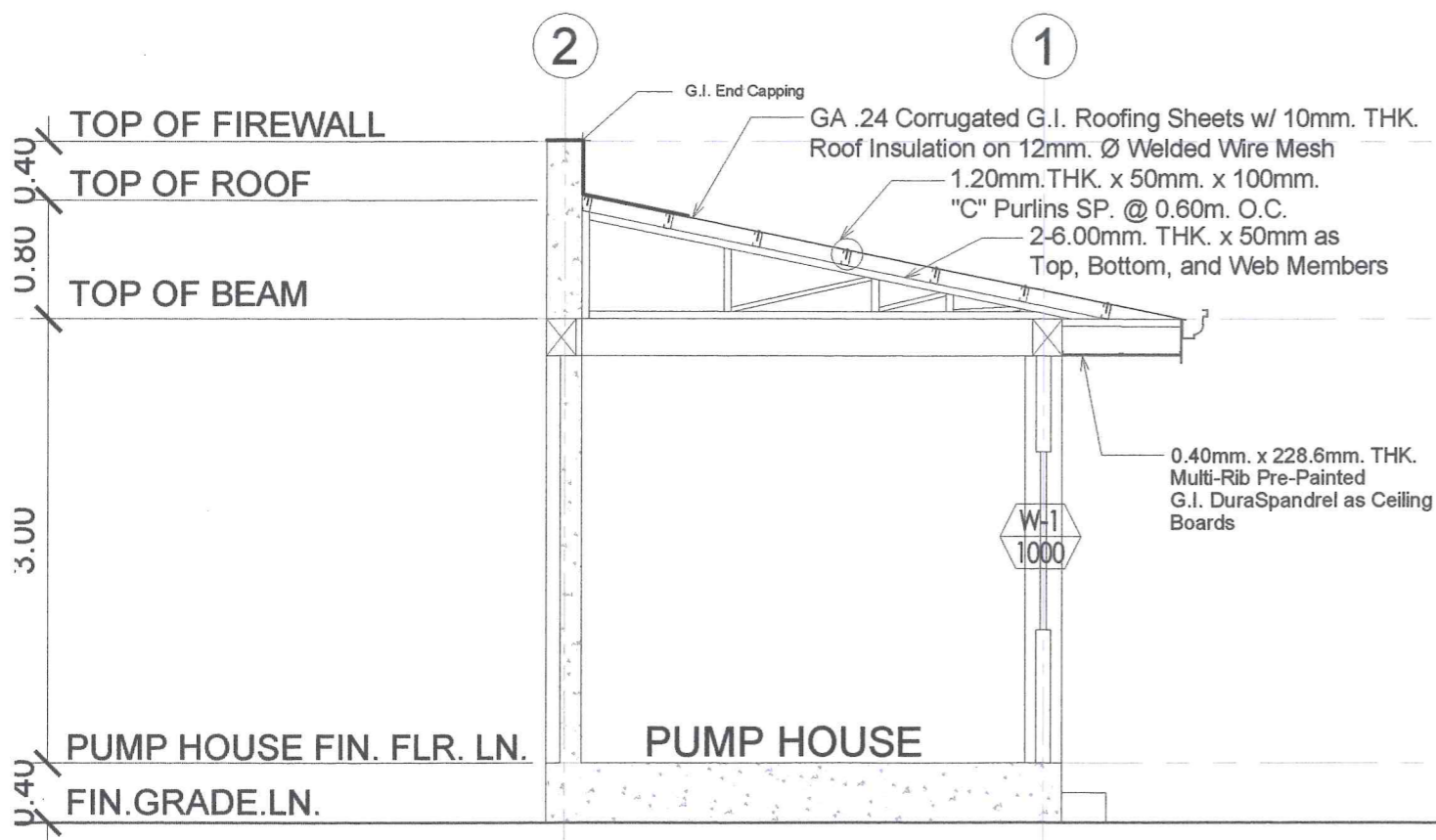
SECTION THRU "X-X" (Pump House)

SCALE 1 : 50 MTS



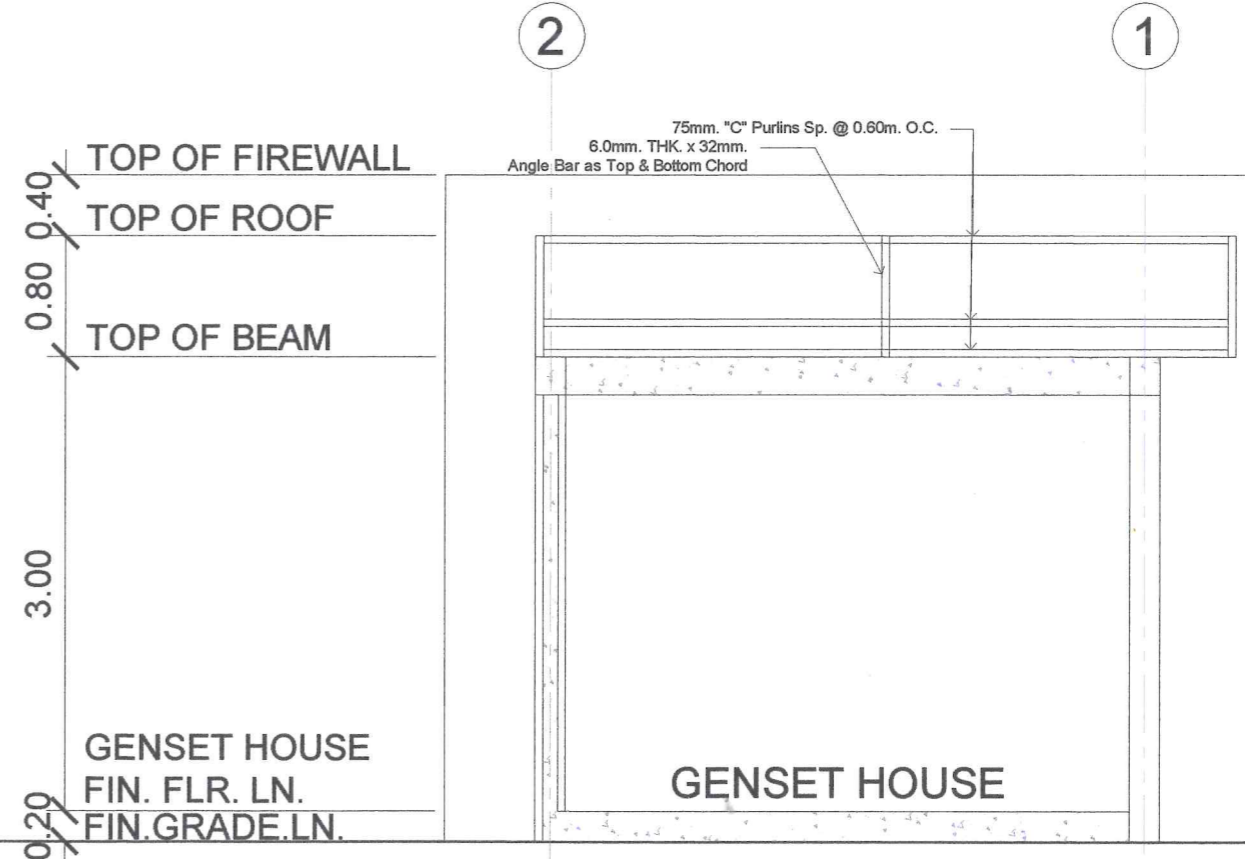
SECTION THRU "X-X" (Genset House)

SCALE 1 : 50 MTS



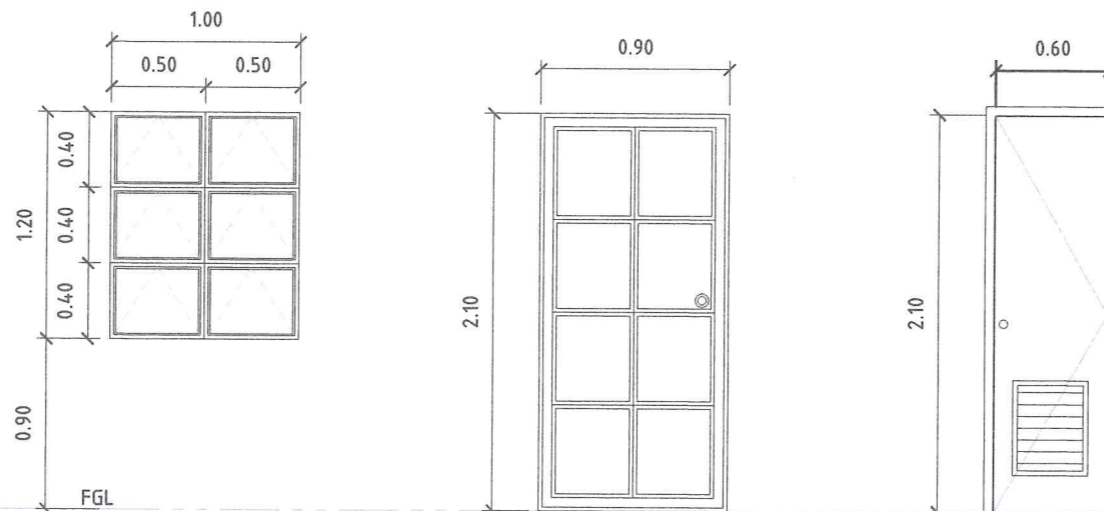
SECTION THRU "Y-Y" (Pump House)

SCALE 1 : 50 MTS



SECTION THRU "Y-Y" (Genset House)

SCALE 1 : 50 MTS



W-1
1000

D-1
900

D-2
600

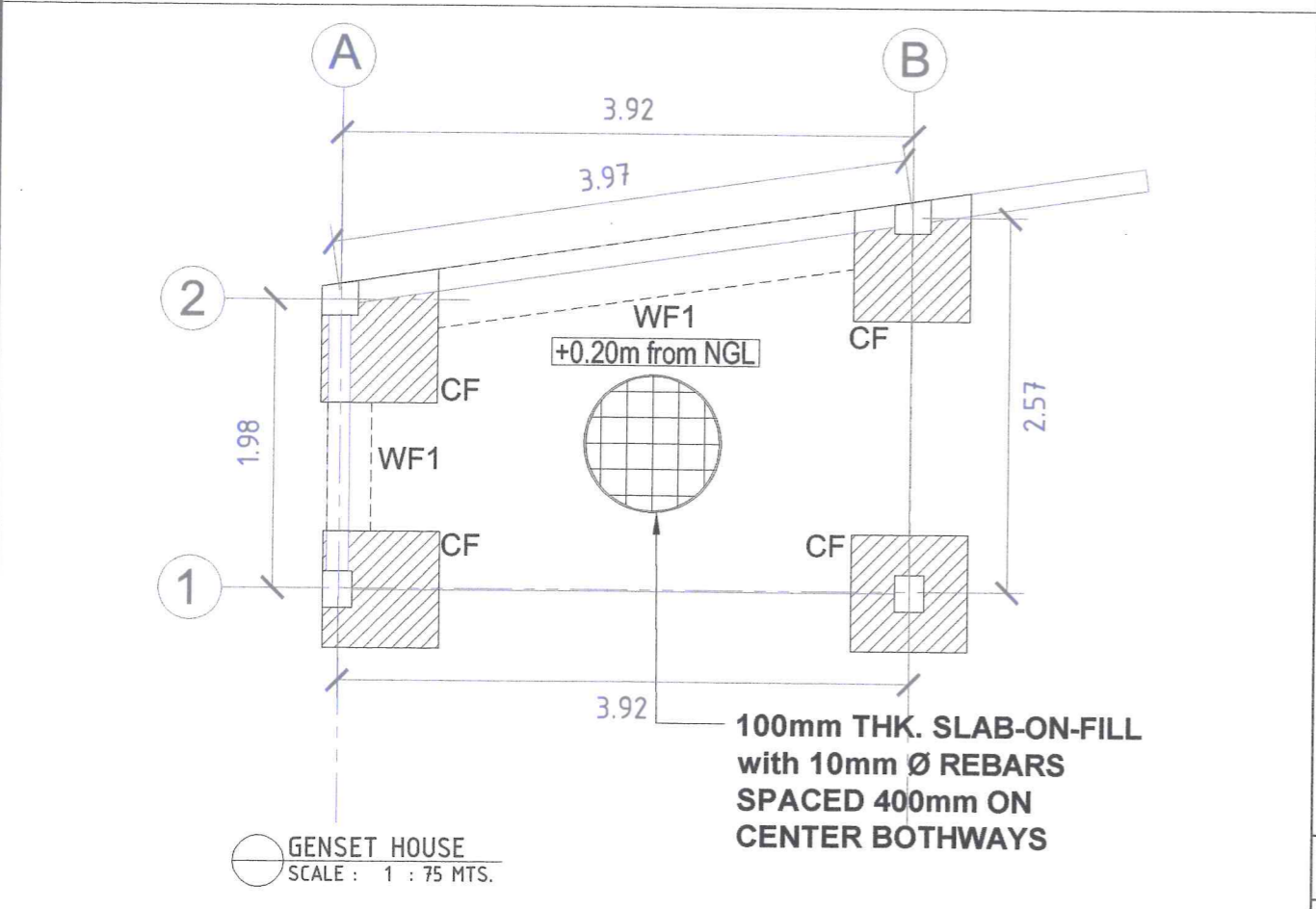
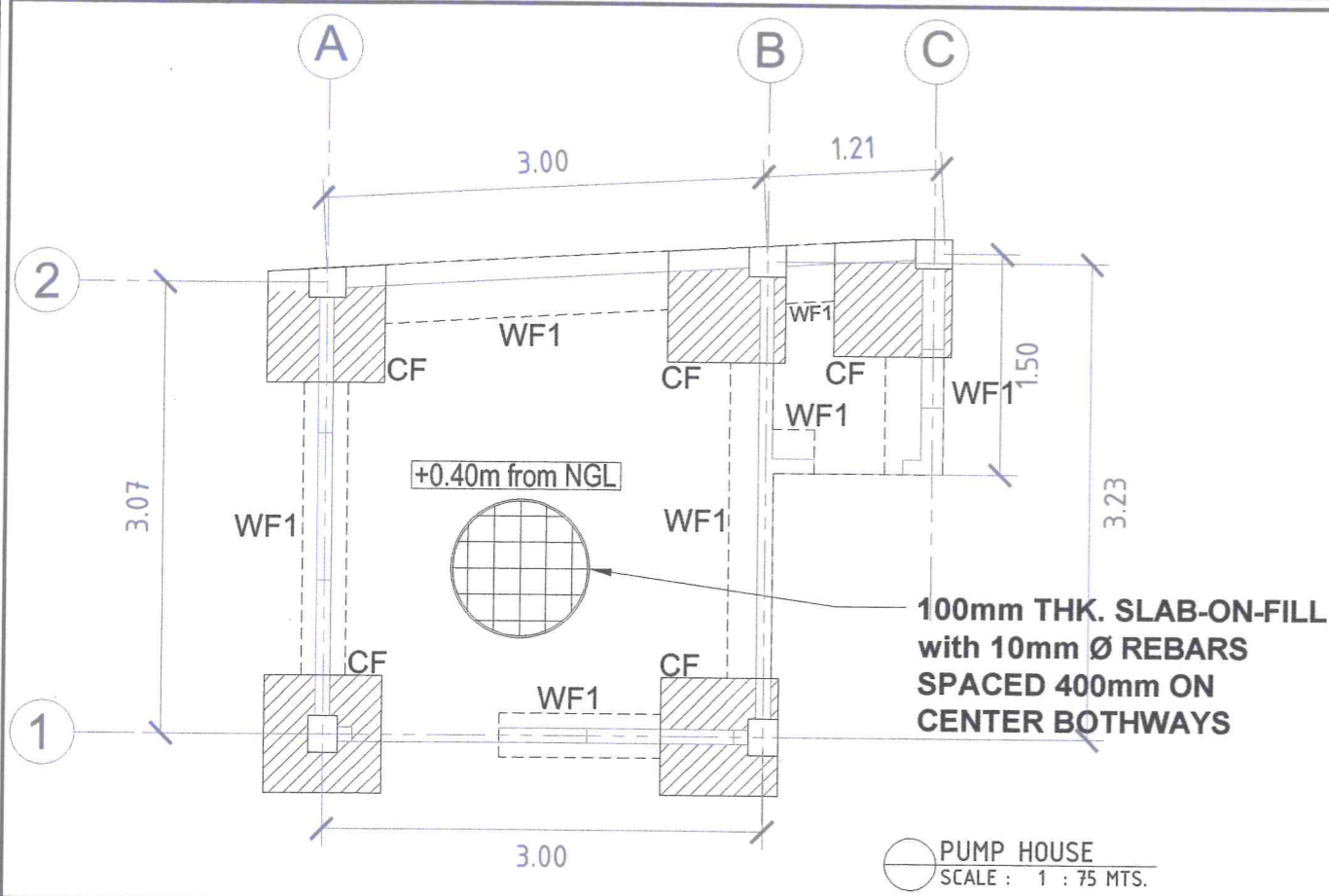
TYPE	AWNING TYPE WINDOW
QTY.	2 SETS
LOCATION	PUMP HOUSE

TYPE	PANEL TYPE DOOR
QTY.	1 SET
LOCATION	PUMP ROOM

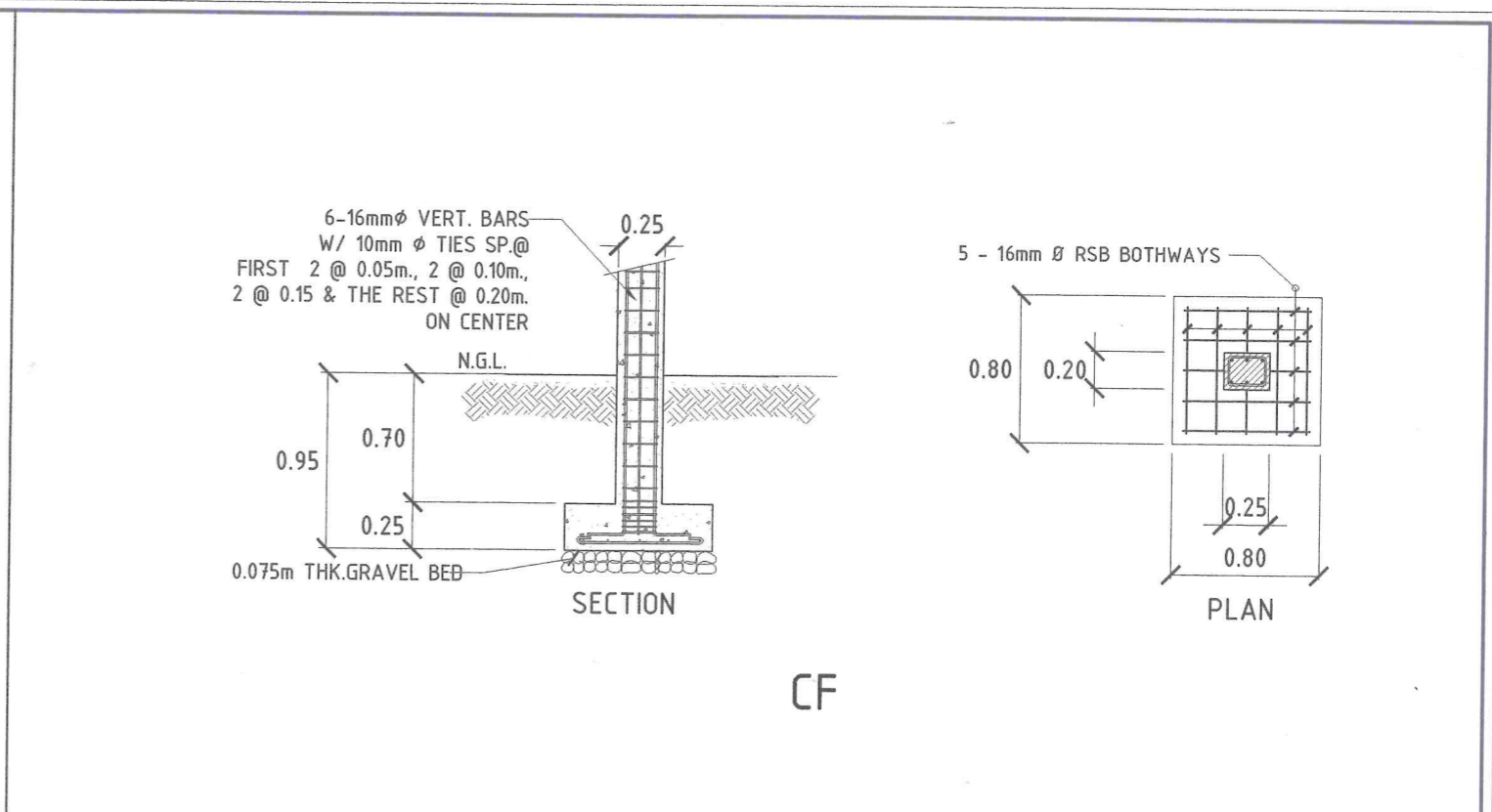
TYPE	FLUSH DOOR
QTY.	1 SET
LOCATION	TOILET

⊕ SCHEDULE OF DOORS & WINDOWS

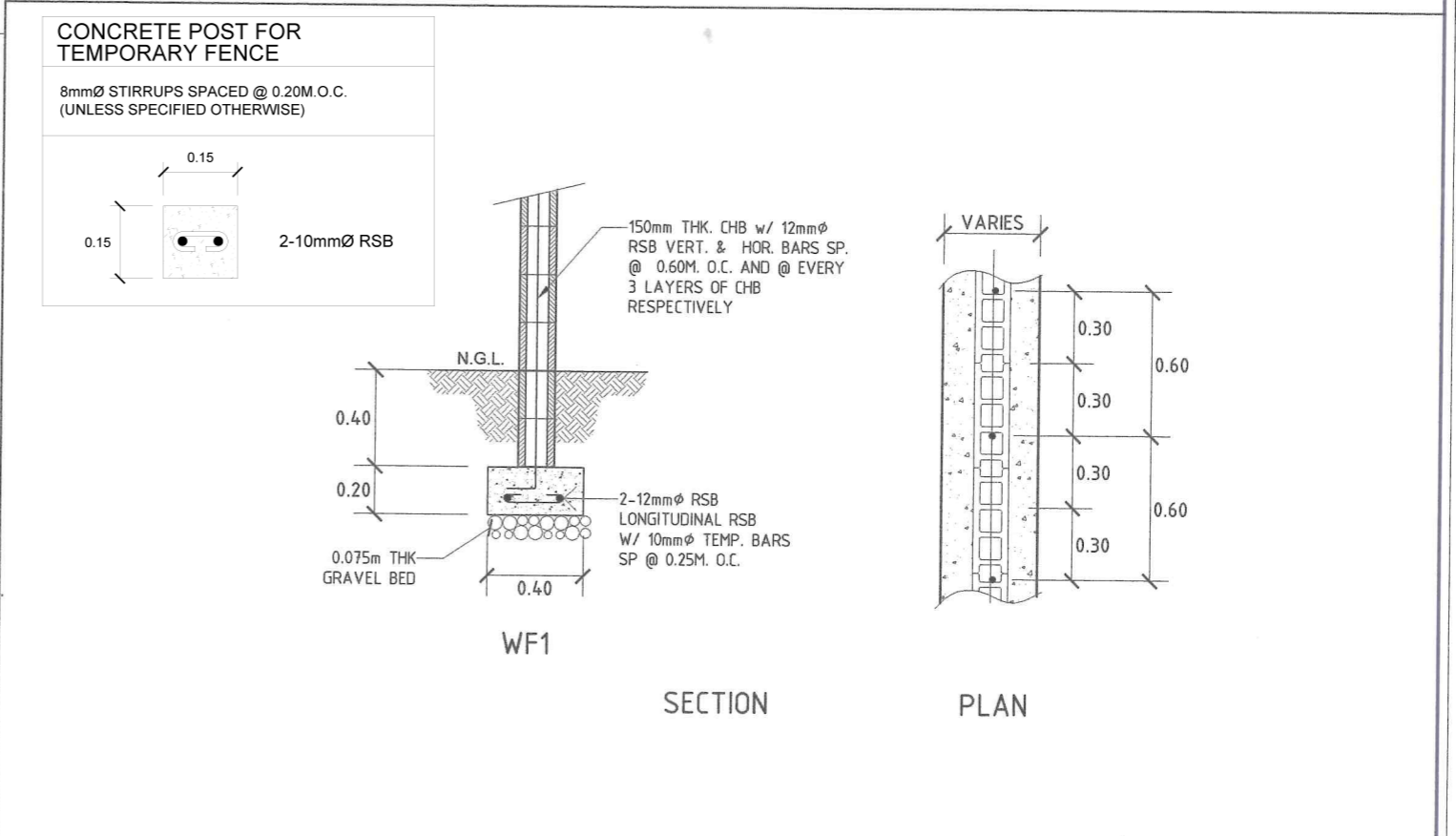
SCALE 1 : 40 MTS



FOUNDATION PLAN SCALE : 1 : 75 MTS.

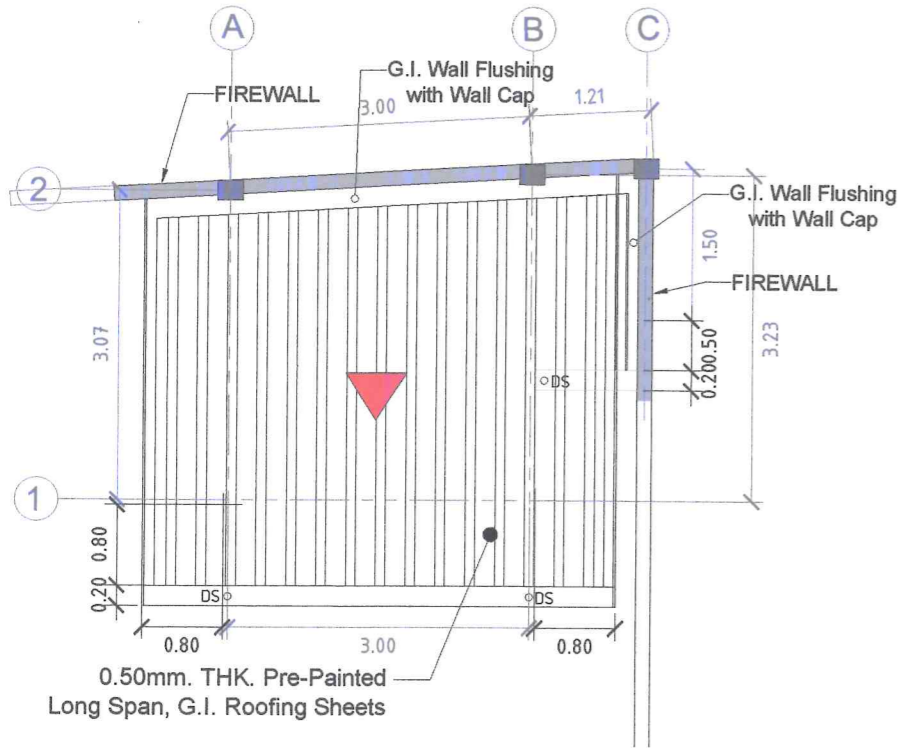


COLUMN/FOOTING DETAILS SCALE : 1 : 40 MTS.

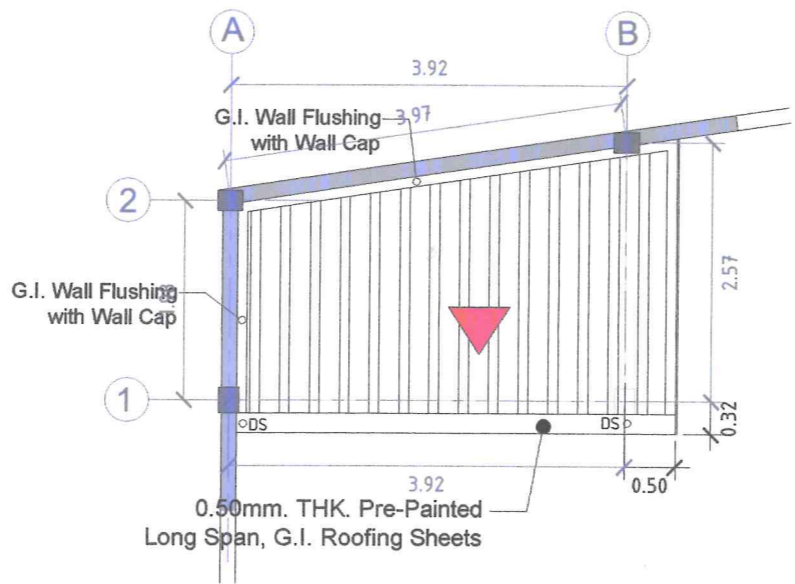


WALL FOOTING DETAILS SCALE : 1 : 30 MTS.

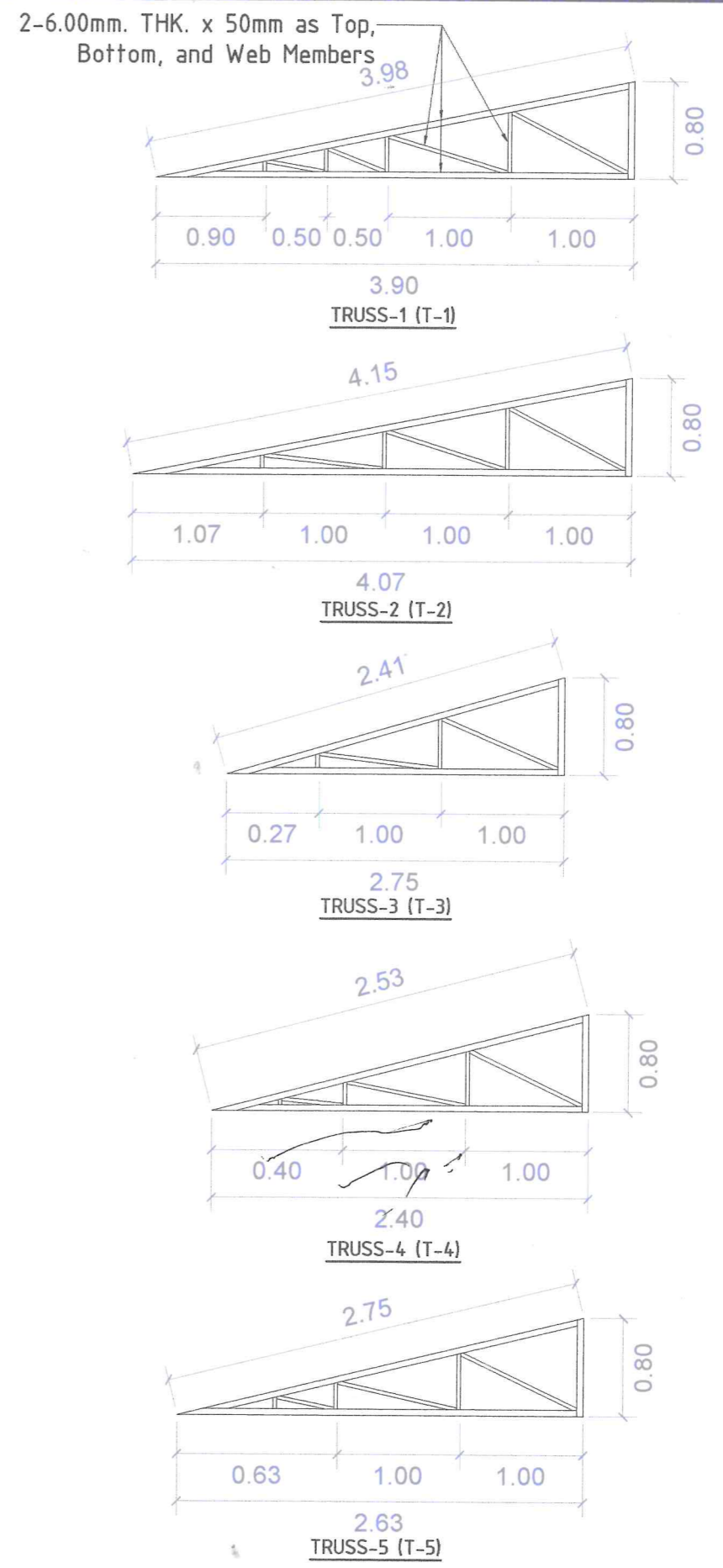
<p>Republic of the Philippines METROPOLITAN NAGA WATER DISTRICT 40 J. Miranda Avenue, Naga City</p>	PREPARED BY:	CHECKED BY:	RECOMMENDING APPROVAL:	APPROVED:	PROJECT TITLE/LOCATION:	SHEET CONTENTS:	SHEET NO.:
	 SAMUEL A. AMORES OIC - QA/QM, PDCD	 SONJUN O. MILLARES OIC - Dep't Manager A, EED	 ARTURO M. MARCO OIC - Dep't Manager A, PD	 ROQUE S. FRANCISCO Assistant General Manager, O&TS	 FLORENCIO T. MONGOSO JR., CSEE General Manager A	PROPOSED STA. LUCIA II PUMPING STATION Zone 5, Barangay Sta. Lucia, Magarao, Camarines Sur	FOUNDATION PLAN COLUMN/FOOTING DETAILS WALL FOOTING DETAILS
EEDF17, REV. 00, AUGUST 5, 2019						Date: 04-24	



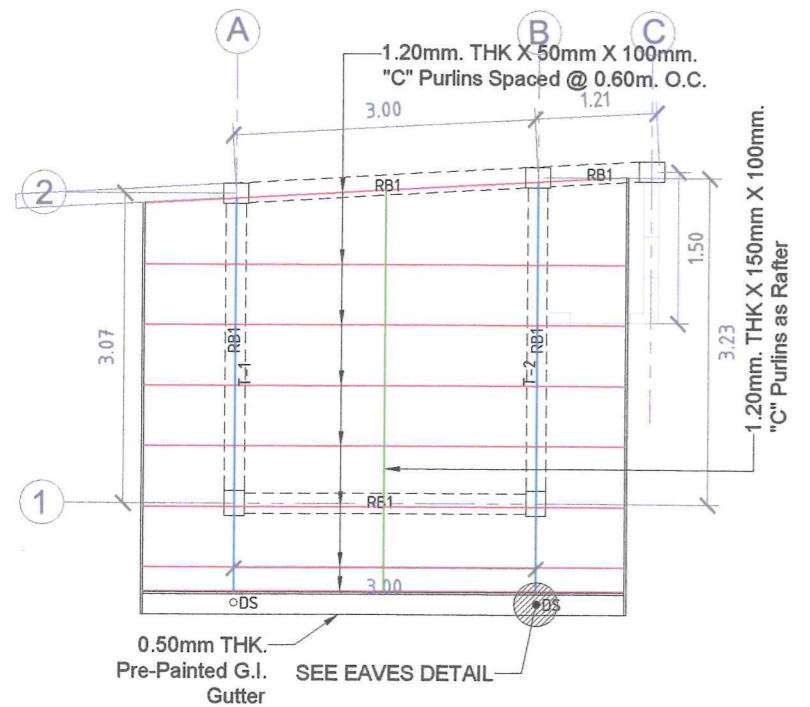
ROOF PLAN (PUMP HOUSE) SCALE : 1 : 50 MTS.



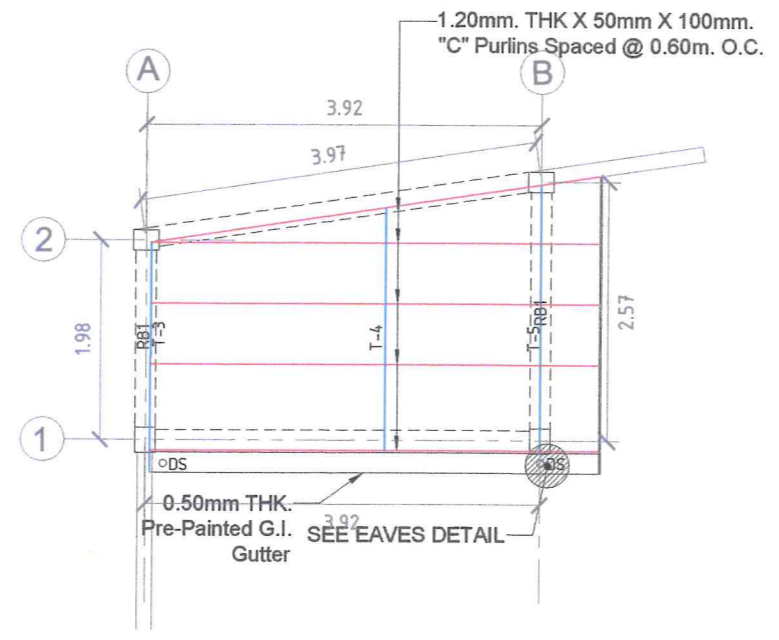
ROOF PLAN (GENSET HOUSE) SCALE : 1 : 50 MTS.



TRUSSES DETAILS N T S

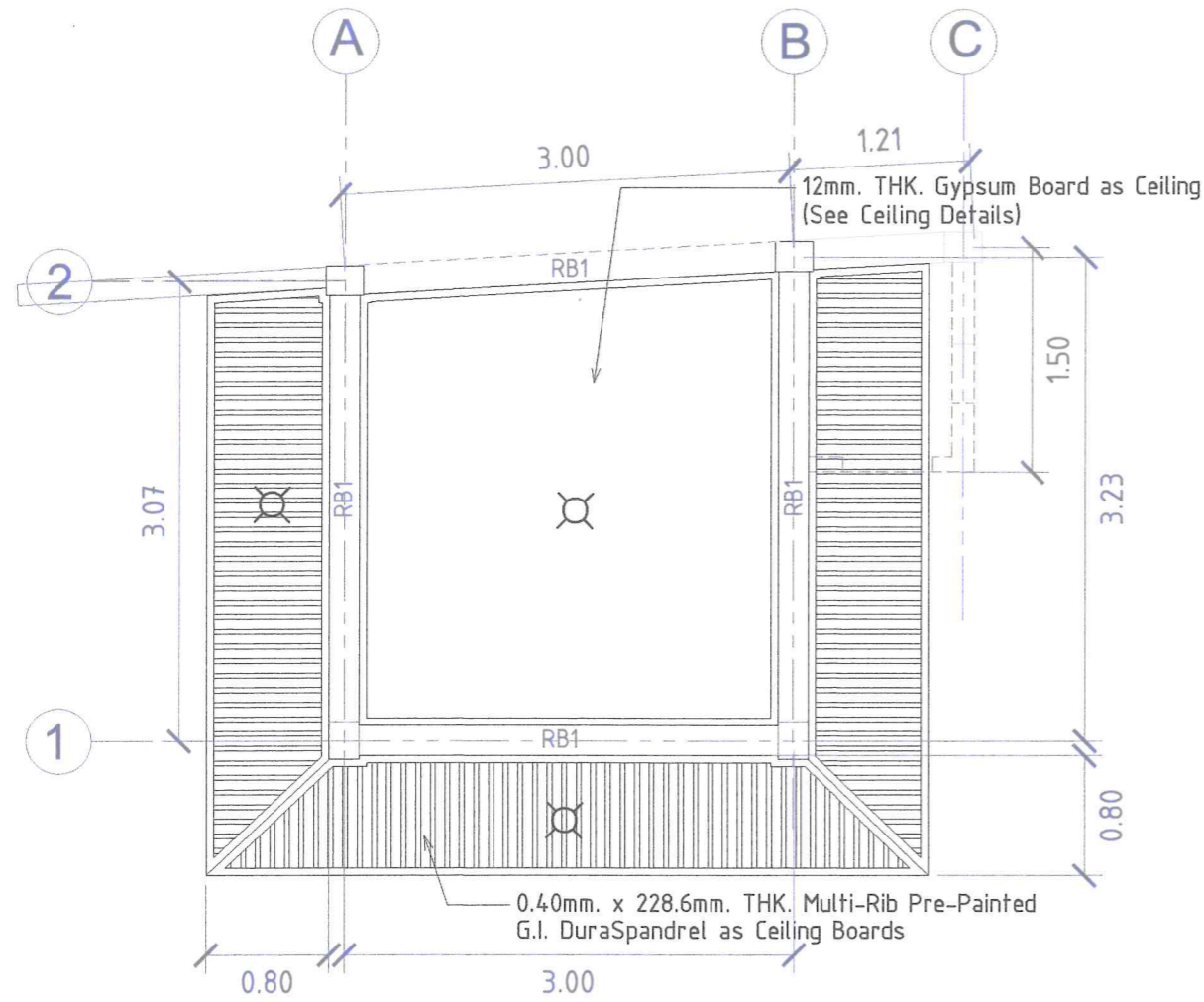


ROOF FRAMING PLAN (PUMP HOUSE) SCALE : 1 : 50 MTS.

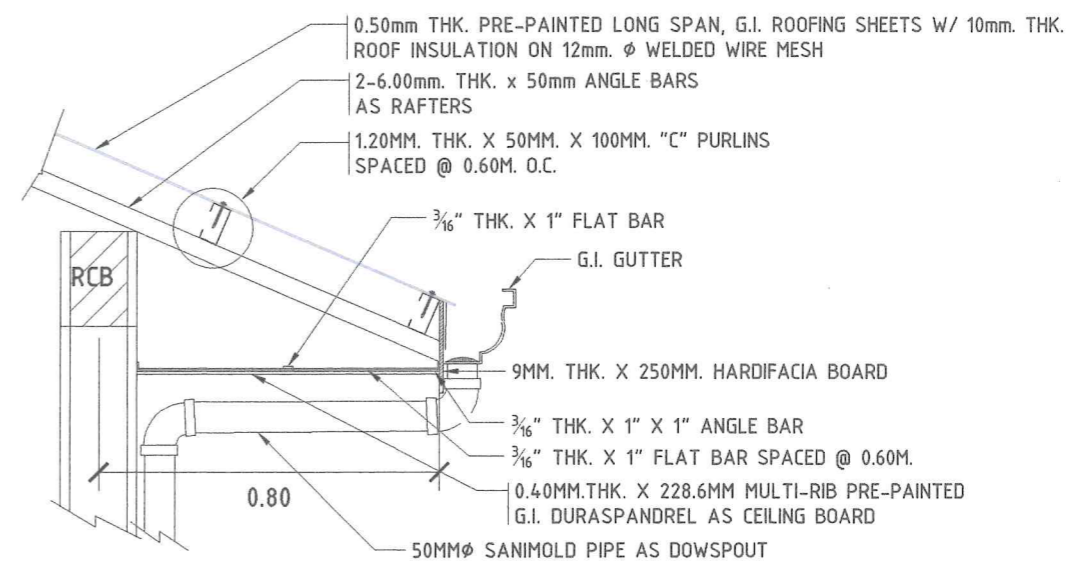


ROOF FRAMING PLAN (GENSET HOUSE) SCALE : 1 : 50 MTS.

<p>Republic of the Philippines METROPOLITAN NAGA WATER DISTRICT 40 J. Miranda Avenue, Naga City</p>	PREPARED BY: SAMUEL A. AMORES <small>Chief Engineer, PDCC</small>	CHECKED BY: SONJUN O. MILLARES <small>OIC - Dep't Manager A, EED</small>	 ARTURO M. MARCO <small>OIC - Dep't Manager A, PD</small>	RECOMMENDING APPROVAL: ROQUE S. FRANCISCO <small>Assistant General Manager, O&TS</small>	APPROVED: FLORENCIO T. MONGOSO JR., CSEE <small>General Manager A</small>	PROJECT TITLE/LOCATION: PROPOSED STA. LUCIA II PUMPING STATION <small>Zone 5, Barangay Sta. Lucia, Magarao, Camarines Sur</small>	SHEET CONTENTS: ROOF PLAN ROOF FRAMING PLAN TRUSSES DETAIL	SHEET NO.: 7 / 18 Date: 04-24
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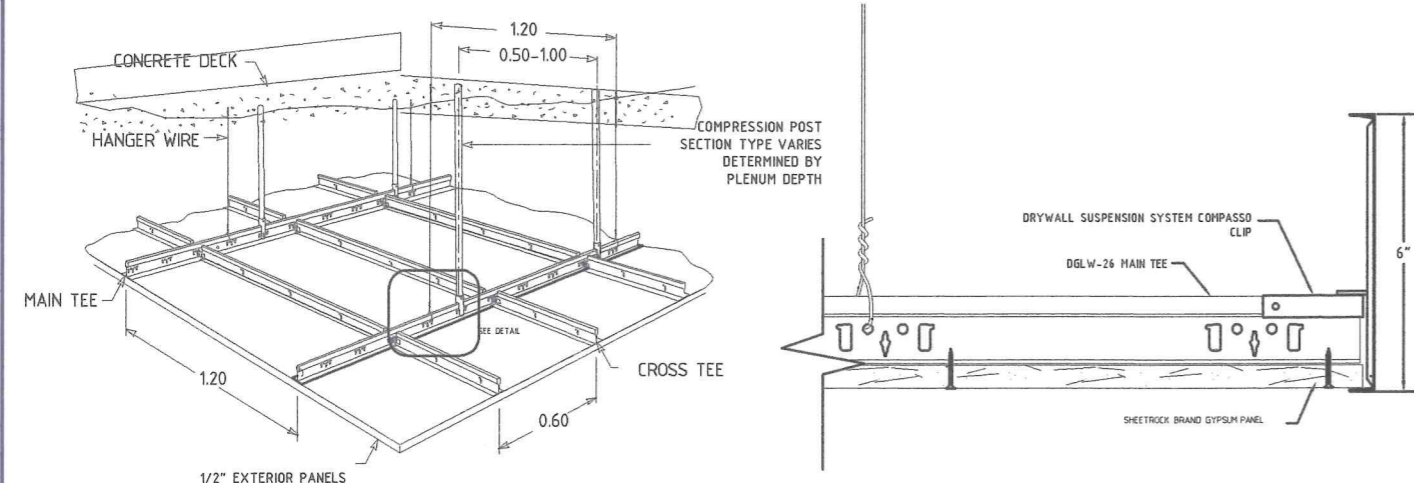
CEILING PLAN (PUMP HOUSE) SCALE 1:50MTS



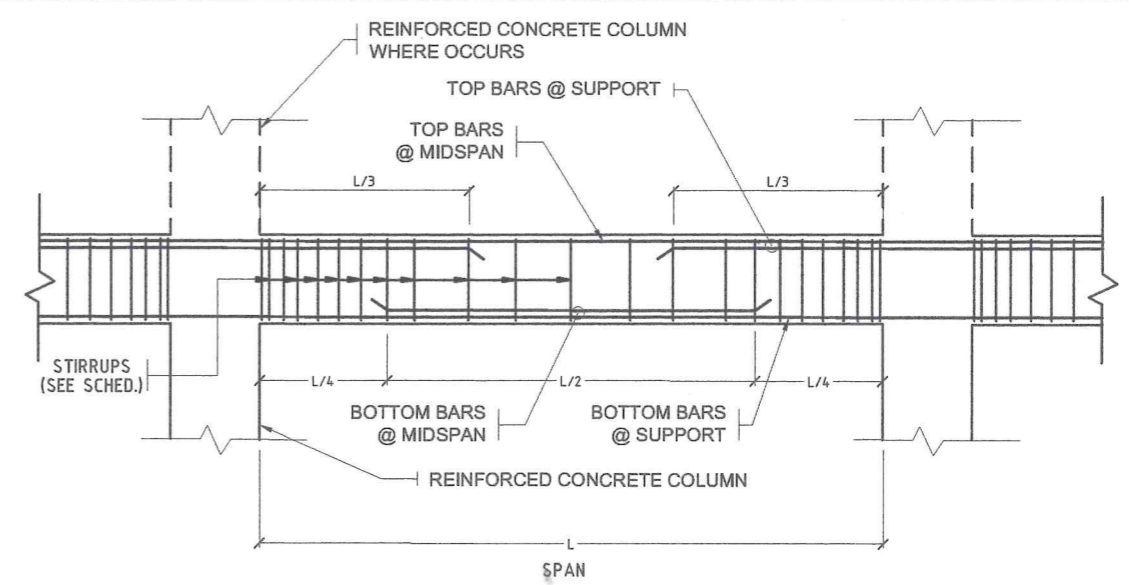
EAVES DETAILS SCALE : 1 : 20 MTS.

MARK	SIZE (mm)	@ SUPPORTS	@ MID-SPAN
		10mmØ STIRRUPS SPACED AS FOLLOWS: 2 @ 0.05M, 2 @ 0.10M., 2 @ 0.15M. & THE REST @ 0.20M.O.C.	
RB1	200 x 250	<p>4-12mmØ RSB 2-12mmØ RSB</p>	<p>2-12mmØ RSB 4-12mmØ RSB</p>

SCHEDULE OF BEAM NOT TO SCALE.

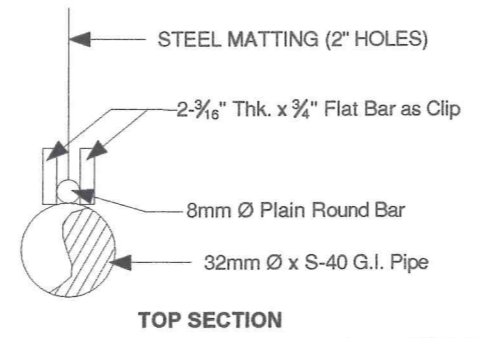


CEILING DETAILS NOT TO SCALE.

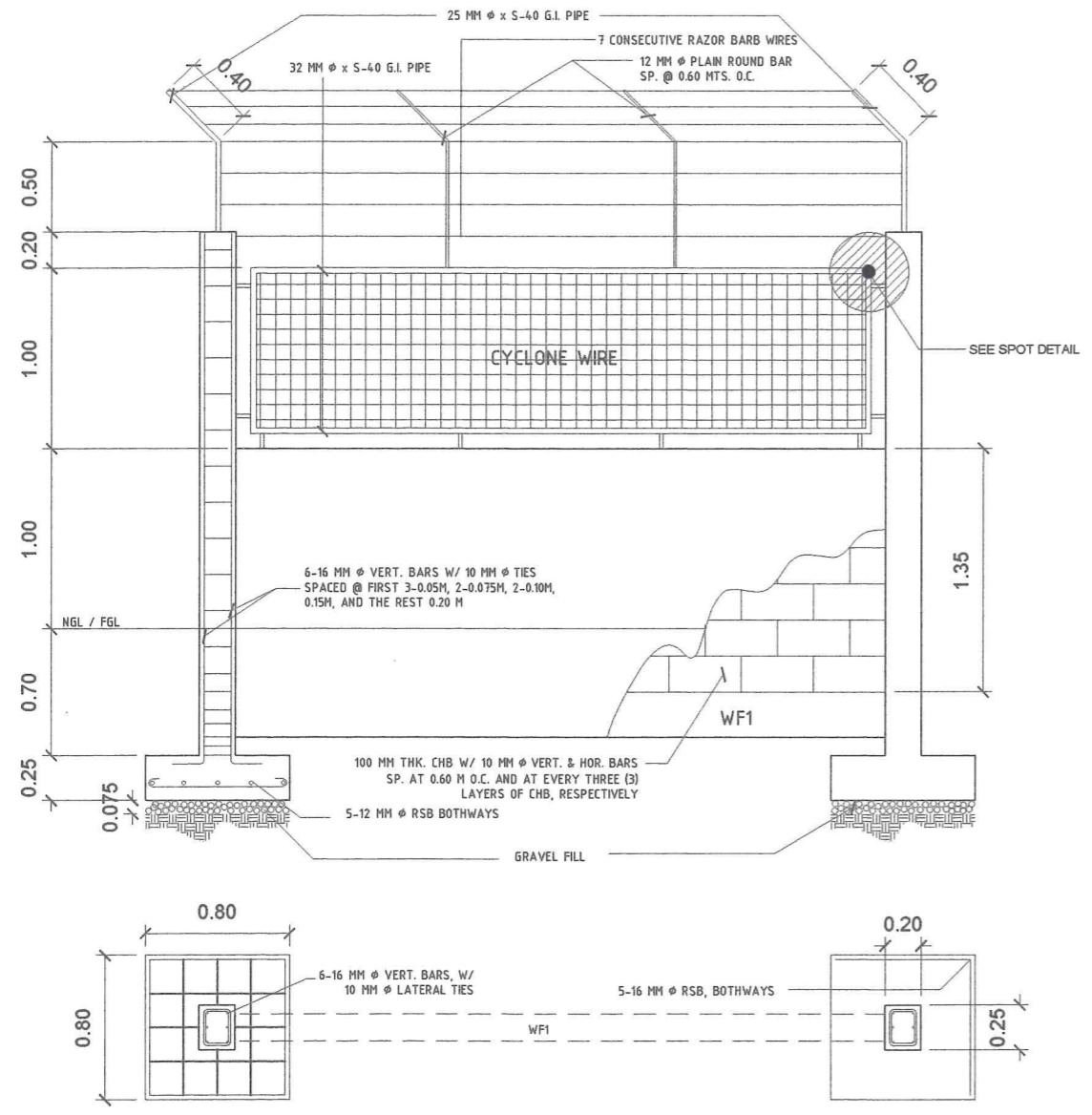


TYPICAL BEAM DETAIL NOT TO SCALE.

<p>Republic of the Philippines METROPOLITAN NAGA WATER DISTRICT 40 J. Miranda Avenue, Naga City</p>	PREPARED BY: SAMUEL A. AMORES OIC - DMA, PDCD	CHECKED BY: SONJUN O. MILLARES OIC - Dep't Manager A, EED	RECOMMENDING APPROVAL: ARTURO M. MARCO OIC - Dep't Manager A, PD	APPROVED: ROQUE S. FRANCISCO Assistant General Manager, O&TS	APPROVED: FLORENCIO T. MONGOSO JR., CSEE General Manager A	PROJECT TITLE/LOCATION: PROPOSED STA. LUCIA II PUMPING STATION Zone 5, Barangay Sta. Lucia, Magarao, Camarines Sur	SHEET CONTENTS: EAVES DETAILS SCHEDULE OF BEAM CEILING PLAN (PUMP HOUSE) CEILING DETAILS	SHEET NO.: 8 / 18 Date: 04-24
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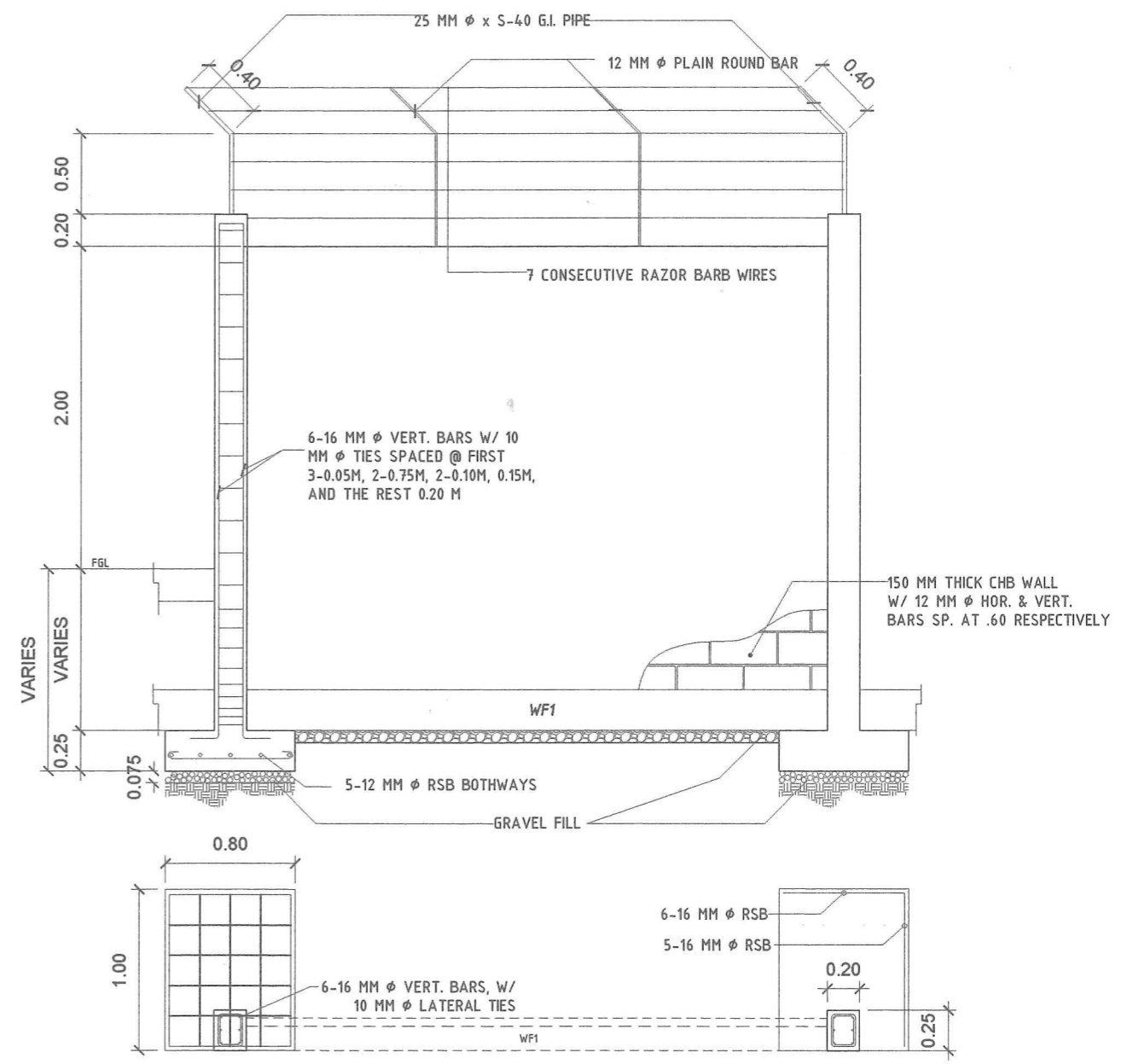


SPOT DETAIL




FRONT FENCE DETAILED SECTION

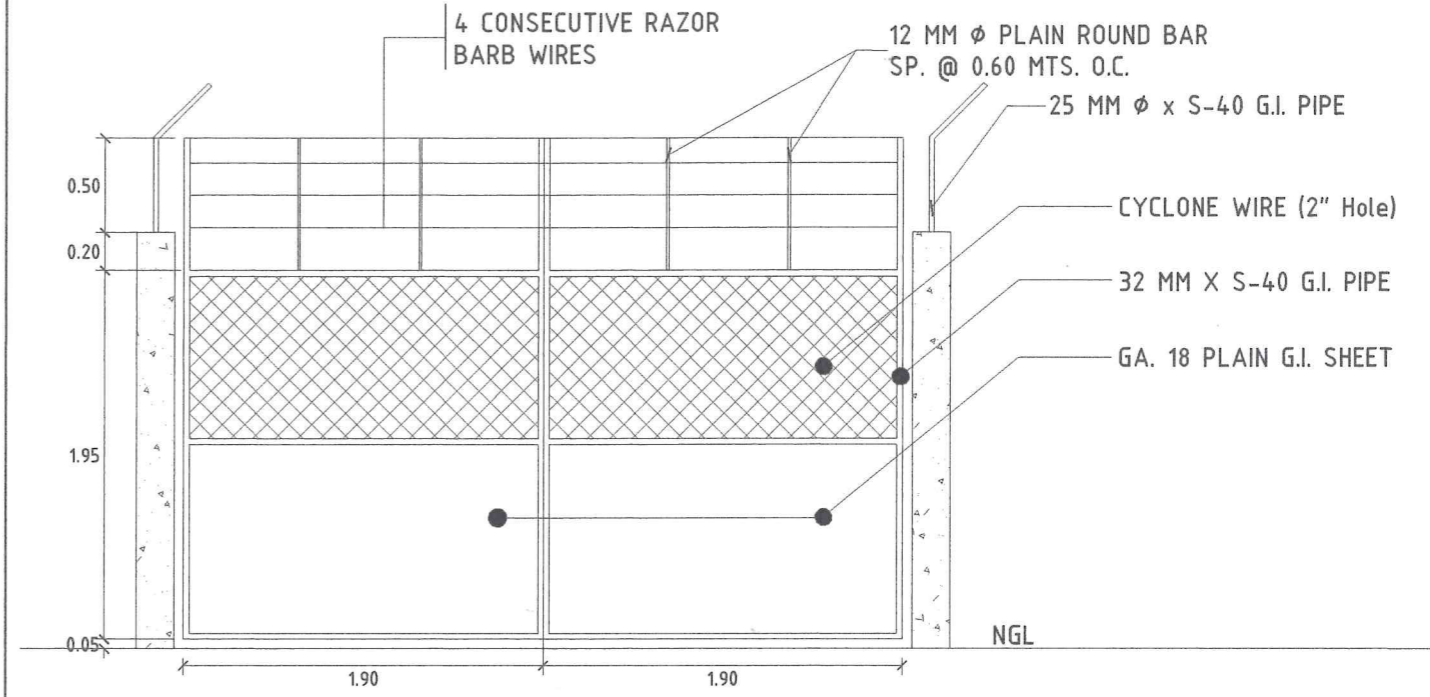
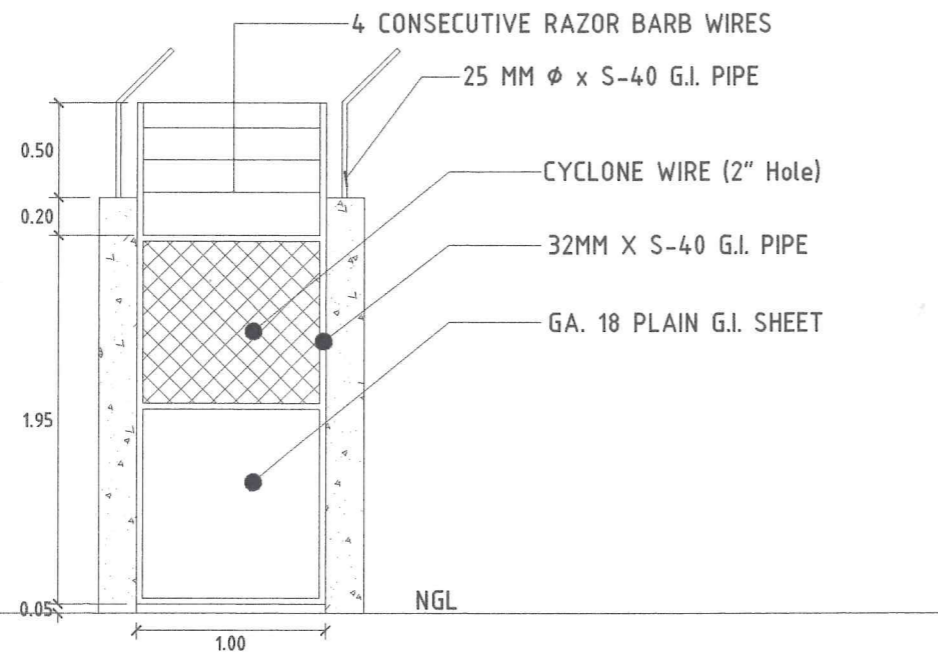
SCALE : 1 : 40 MTS.



REAR AND SIDE FENCE DETAILED SECTION

SCALE : 1 : 40 MTS.

 <p>Republic of the Philippines METROPOLITAN NAGA WATER DISTRICT 40 J. Miranda Avenue, Naga City</p>	<p>PREPARED BY: <i>[Signature]</i> SAMUEL A. AMORES OIC - DMA, PDCD</p>	<p>CHECKED BY: <i>[Signature]</i> SONJUN O. MILLARES OIC - Dep't Manager A, EED</p>	<p>RECOMMENDING APPROVAL: <i>[Signature]</i> ARTURO M. MARCO OIC - Dep't Manager A, PD</p>	<p>APPROVED: <i>[Signature]</i> ROQUE S. FRANCISCO Assistant General Manager, O&TS</p>	<p>APPROVED: <i>[Signature]</i> FLORENCIO T. MONGOSO JR., CSEE General Manager A</p>	<p>PROJECT TITLE/LOCATION: PROPOSED STA. LUCIA II PUMPING STATION Zone 5, Barangay Sta. Lucia, Magarao, Camarines Sur</p>	<p>SHEET CONTENTS: FENCE DETAILED SECTION</p>	<p>SHEET NO.: 9 18 Date: 04-24</p>
	<p>PREPARED BY: 40 J. MIRANDA AVENUE, NAGA CITY</p>							

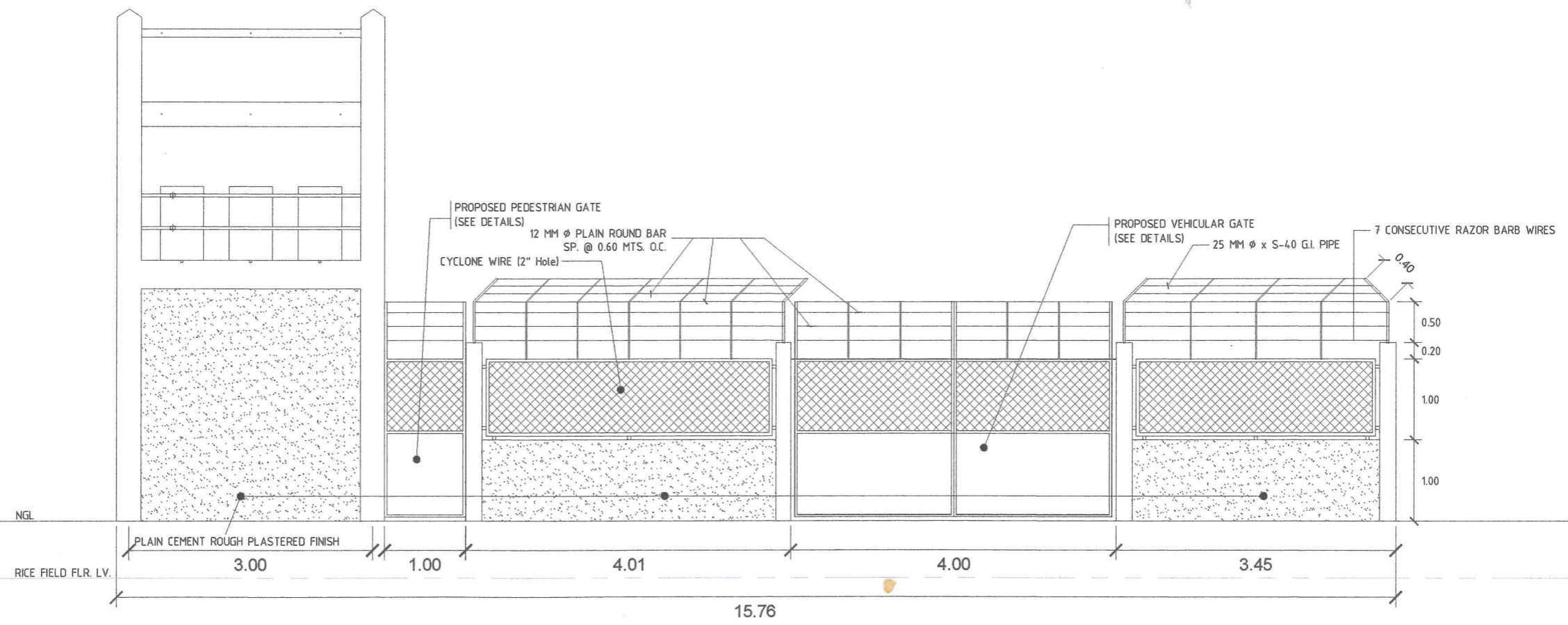


PEDESTRIAN GATE DETAILS

SCALE : 1 : 40 MTS.







VEHICULAR GATE DETAILS









SCALE : 1 : 40 MTS.



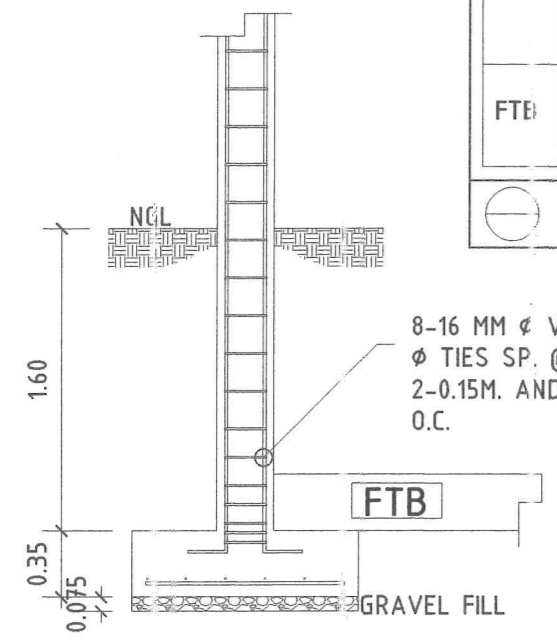
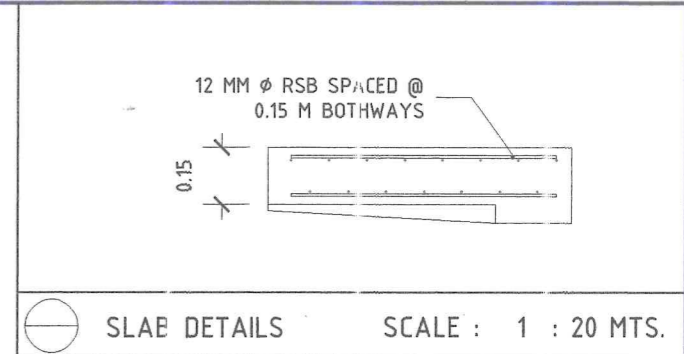
FRONT FENCE ELEVATION

Not to Scale

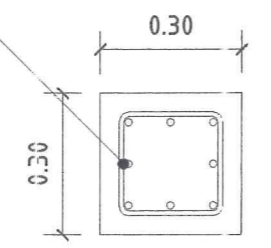
 <p>Republic of the Philippines METROPOLITAN NAGA WATER DISTRICT 40 J. Miranda Avenue, Naga City</p>	PREPARED BY:  SAMUEL A. AMORES OIC - QA, PDCO	CHECKED BY:  SONJUN O. MILLARES OIC - Dep't Manager A, EED	RECOMMENDING APPROVAL:  ARTURO M. MARCO OIC - Dep't Manager A, PD	APPROVED:  ROQUE S. FRANCISCO Assistant General Manager, O&TS	APPROVED:  FLORENCIO T. MONGOSO JR., CSEE General Manager A	PROJECT TITLE/LOCATION: PROPOSED STA. LUCIA II PUMPING STATION Zone 5, Barangay Sta. Lucia, Magarao, Camarines Sur	SHEET CONTENTS: FRONT FENCE ELEVATION GATE DETAILS	SHEET NO.: 10 / 18 Date: 04-24
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	SIZE	REINFORCEMENTS	
		AT SUPPORT	AT MIDSPAN
CB 1	0.25 x 0.30	 6 - 16 M ¹ ϕ RSB 2 - 16 M ¹ ϕ RSB	 3 - 16 MM ϕ RSB 2 - 16 MM ϕ RSB
RB 1	0.25 x 0.30	 4 - 16 M ¹ ϕ RSB 2 - 12 M ¹ ϕ RSB 2 - 16 M ¹ ϕ RSB	 2 - 16 MM ϕ RSB 2 - 12 MM ϕ RSB 3 - 16 MM ϕ RSB
RB 2	0.25 x 0.30	 4 - 16 M ¹ ϕ RSB 2 - 16 M ¹ ϕ RSB	 2 - 16 MM ϕ RSB 3 - 16 MM ϕ RSB
FTB	0.20 x 0.30	 3 - 16 MM ϕ RSB 3 - 16 MM ϕ RSB	 3 - 16 MM ϕ RSB 3 - 16 MM ϕ RSB

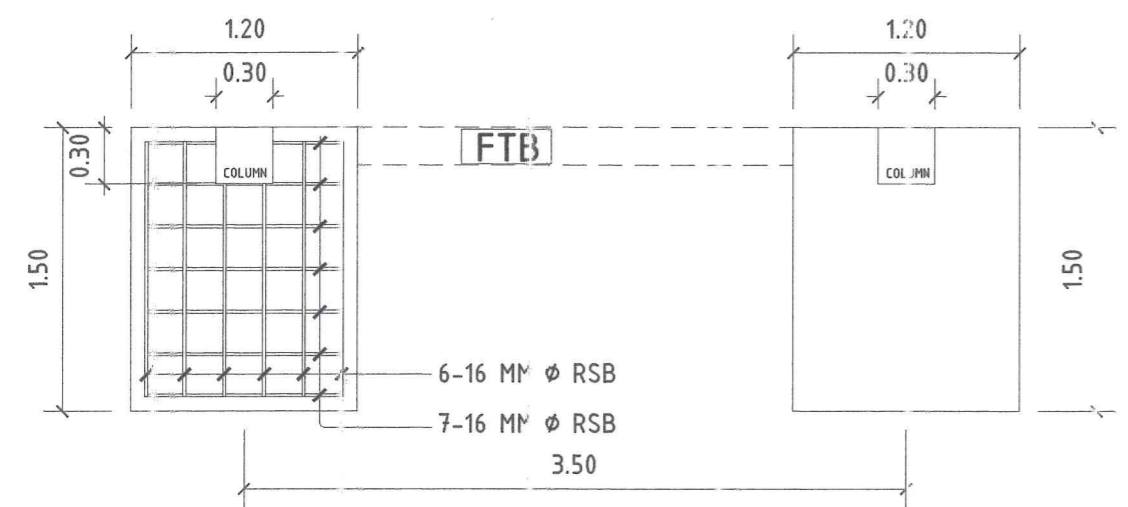
⊖ SCHEDULE OF BEAMS SCALE : 1 : 20 MTS.



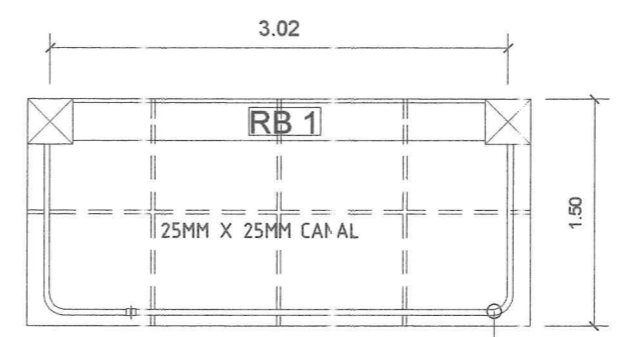
COLUMN FOOTING SECTION



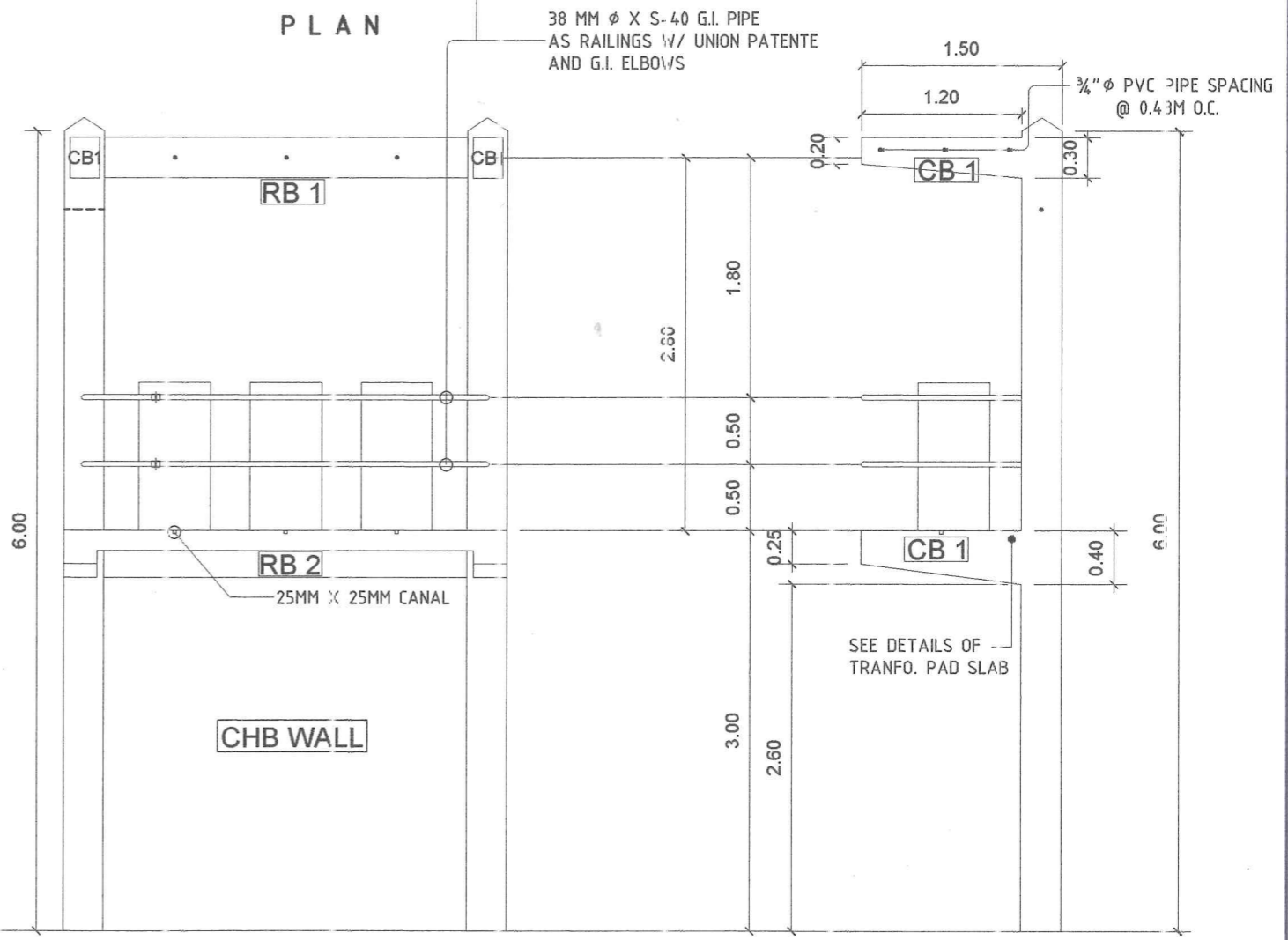
COLUMN PLAN



COLUMN FOOTING PLAN



PLAN

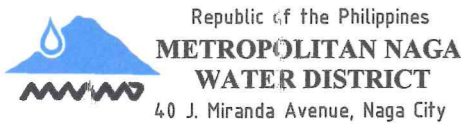
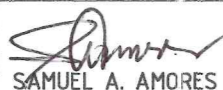

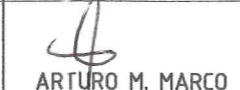

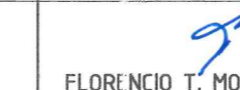


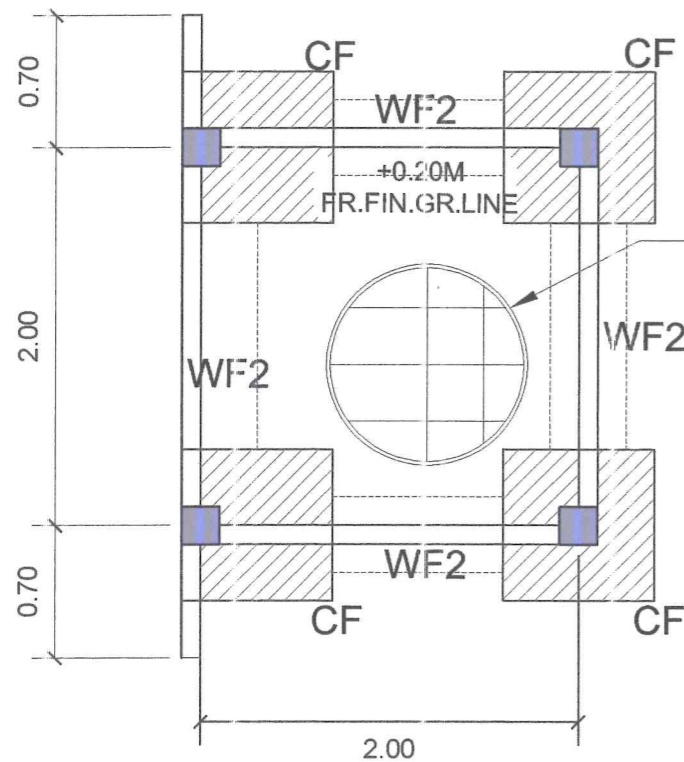
FRONT ELEVATION

SIDE ELEVATION

⊖ TRANSFORMER FOUNDATION DETAILS SCALE : 1 : 40 MTS.

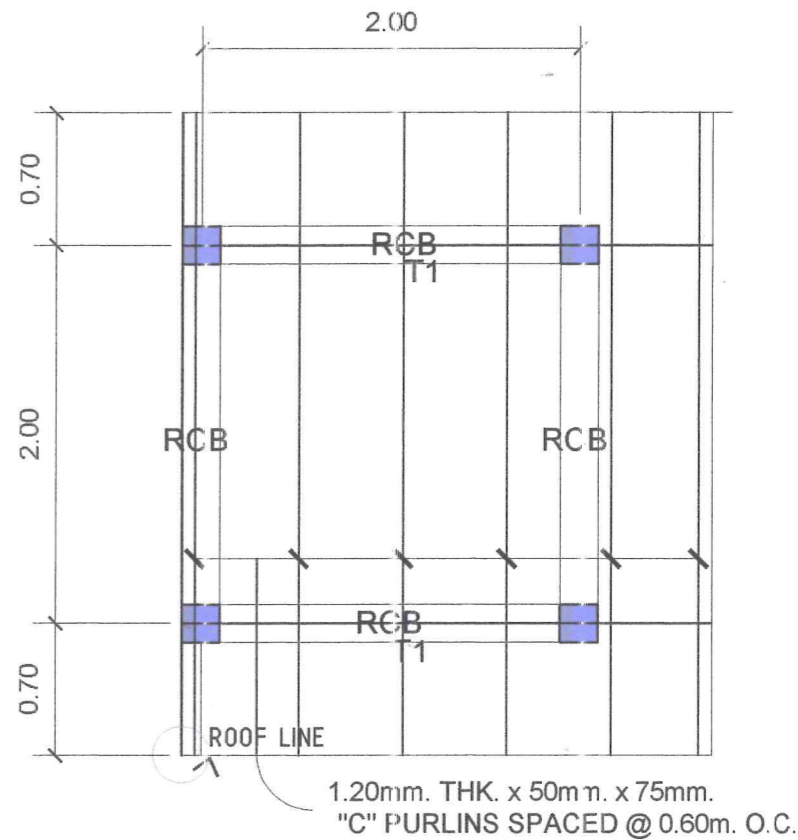
⊖ TRANSFORMER PAD ELEVATION SCALE : 1 : 50 MTS.

 <p>Republic of the Philippines METROPOLITAN NAGA WATER DISTRICT 40 J. Miranda Avenue, Naga City</p>	PREPARED BY:  SAMUEL A. AMORES OIC - BMA, PDC	CHECKED BY:  SONJUN O. MILLARES OIC - Dept Manager A, EED	 ARTURO M. MARCO OIC - Dept Manager A, PD	RECOMMENDING APPROVAL:  ROQUE S. FRANCISCO Assistant General Manager, O&TS	APPROVED:  FLORENCIO T. MONGOSO JR., CSEE General Manager	PROJECT TITLE/LOCATION: PROPOSED STA. LUCIA II PUMPING STATION Zone 5, Barangay Sta. Lucia, Magarao, Camarines Sur	SHEET CONTENTS: TRANSFORMER PAD DETAILS BEAM SCHEDULE	SHEET NO.: 11 / 18 Date: 04-24
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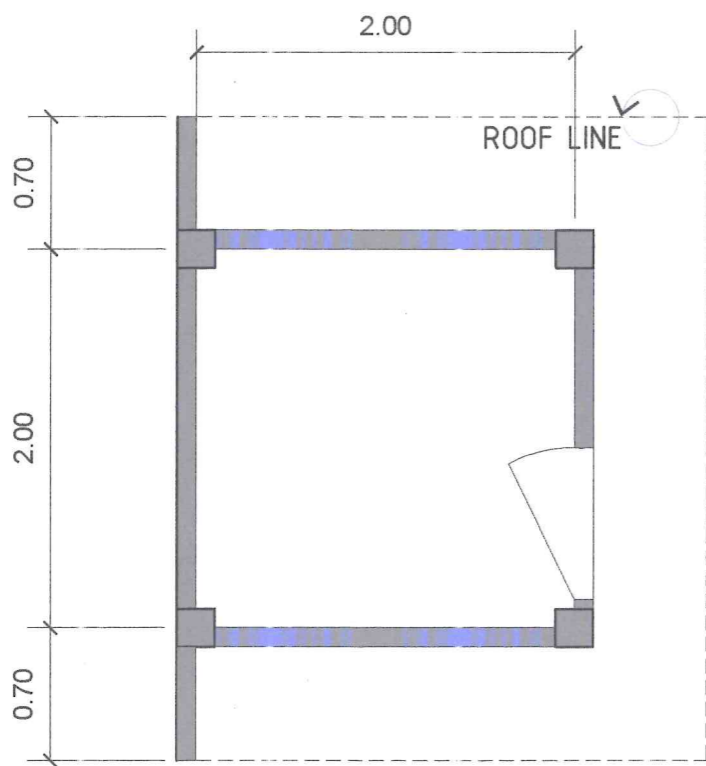
FOUNDATION PLAN

100mm THK.
SLAB-ON-FILL
with 12mm Ø REBARS
SPACED 400mm ON
CENTER BOTHWAYS



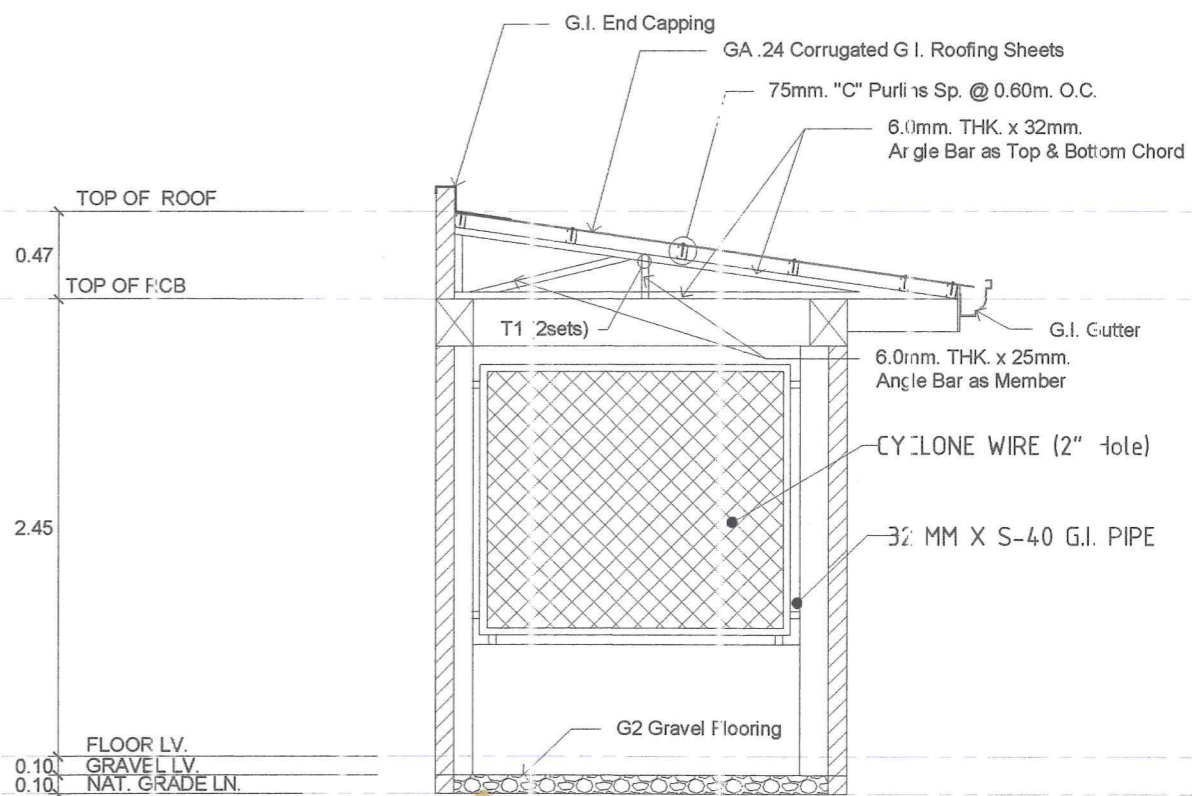
ROOF BEAM/FRAMING PLAN

SCALE : 1 : 40 MTS.



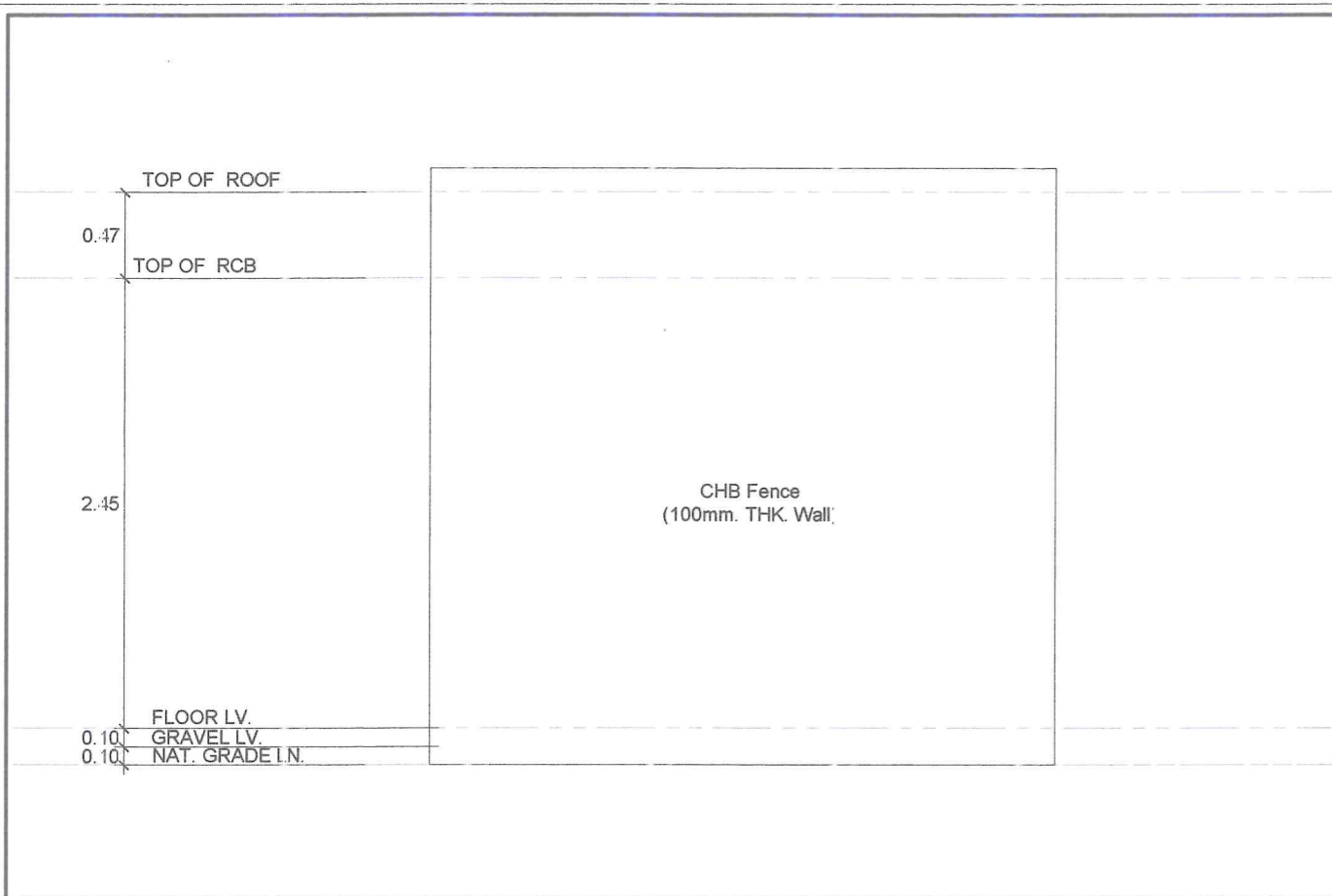
FLOOR PLAN

SCALE : 1 : 40 MTS.



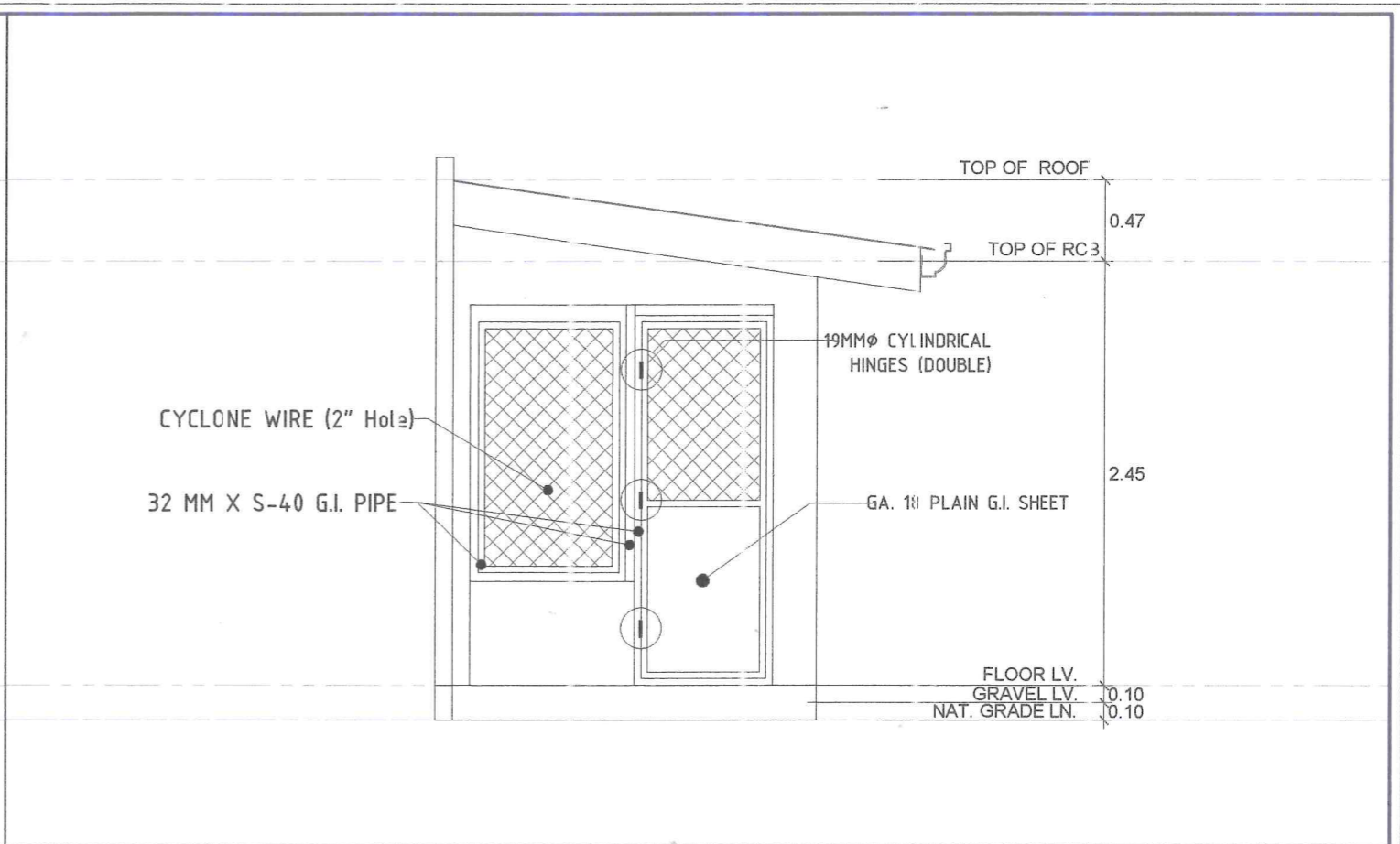
DETAILED SECTION

SCALE : 1 : 40 MTS.



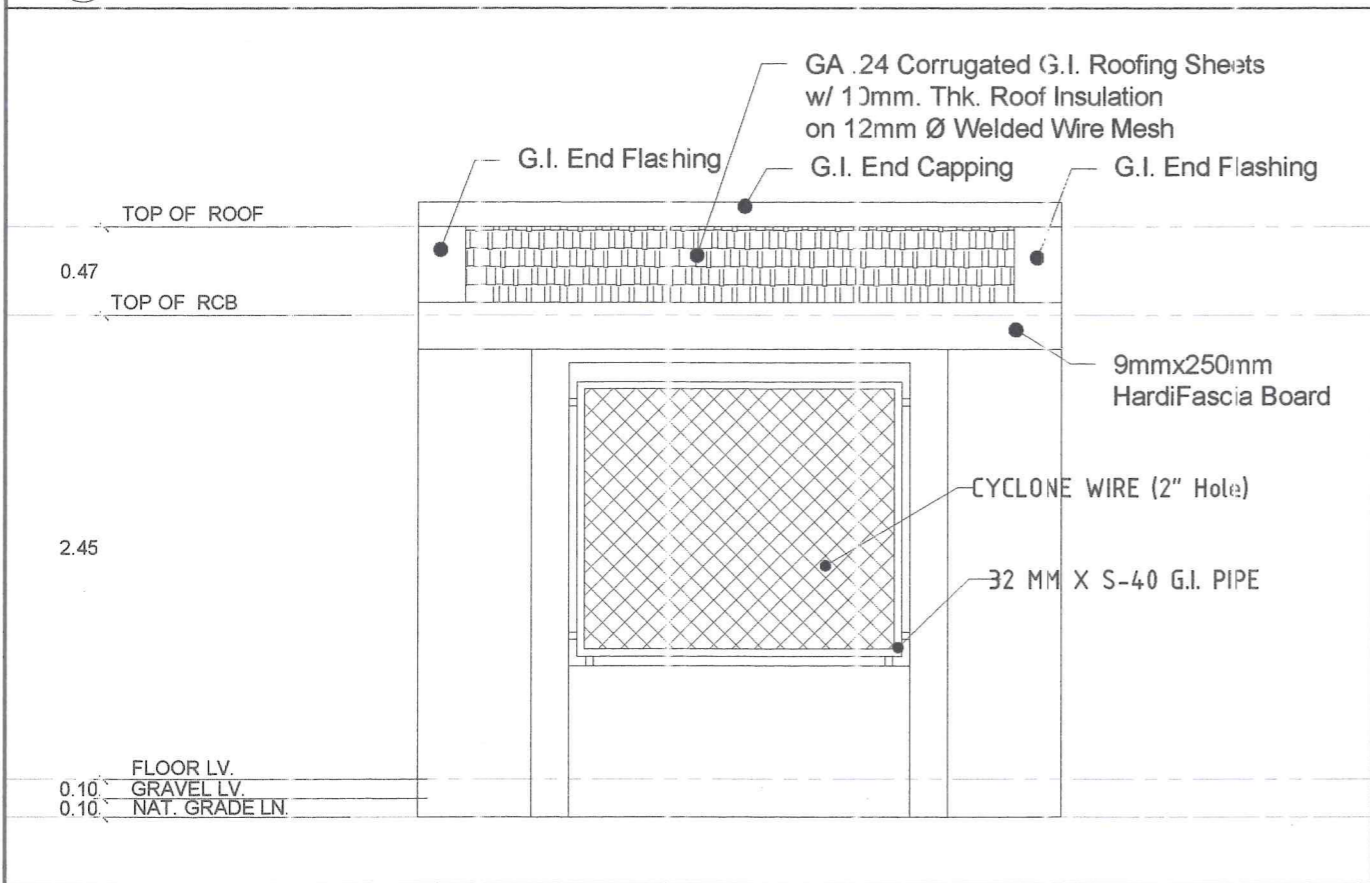
REAR ELEVATION

SCALE : 1 : 40 MTS.



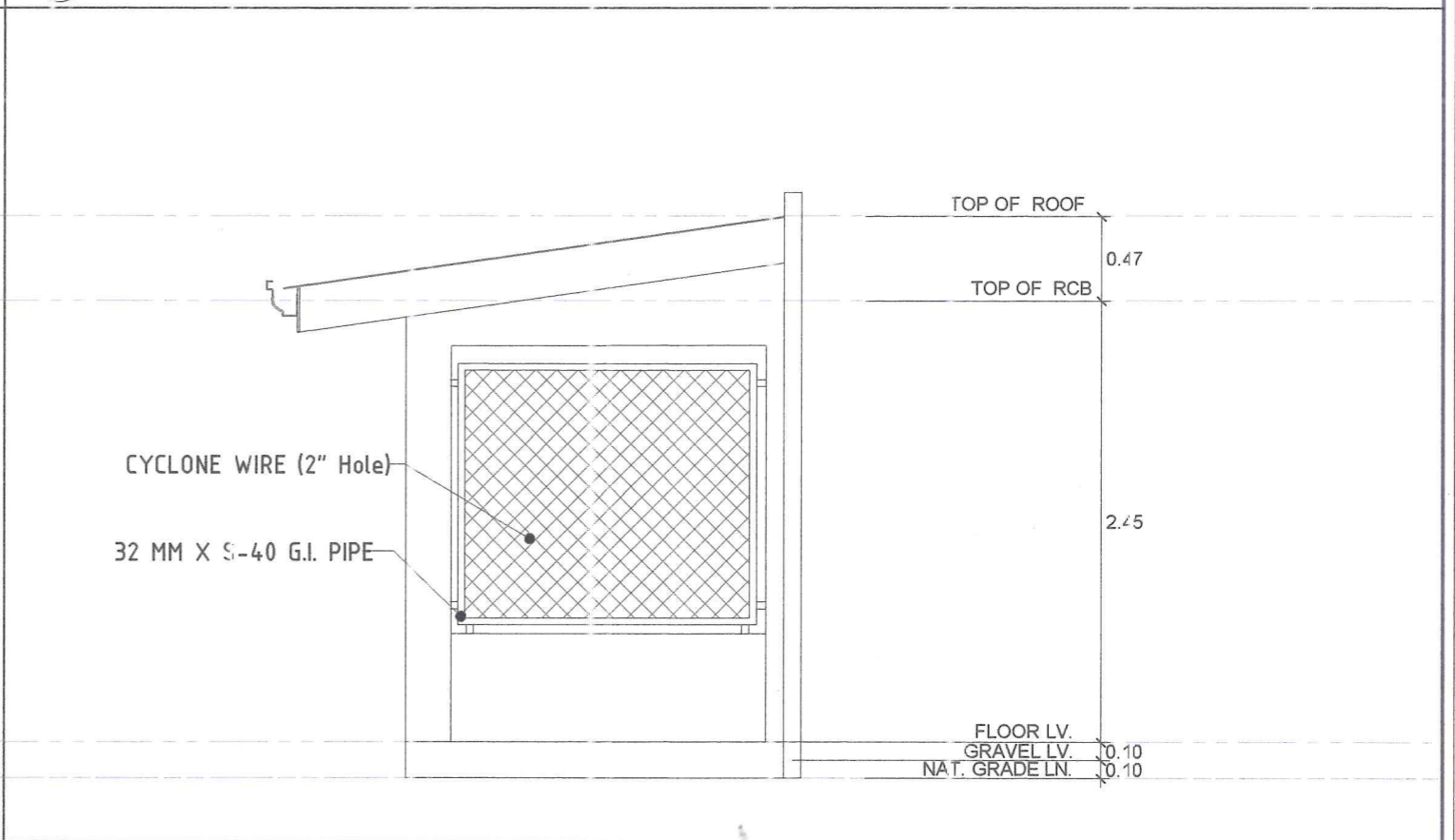
LEFT SIDE ELEVATION

SCALE : 1 : 40 MTS.



FRONT ELEVATION

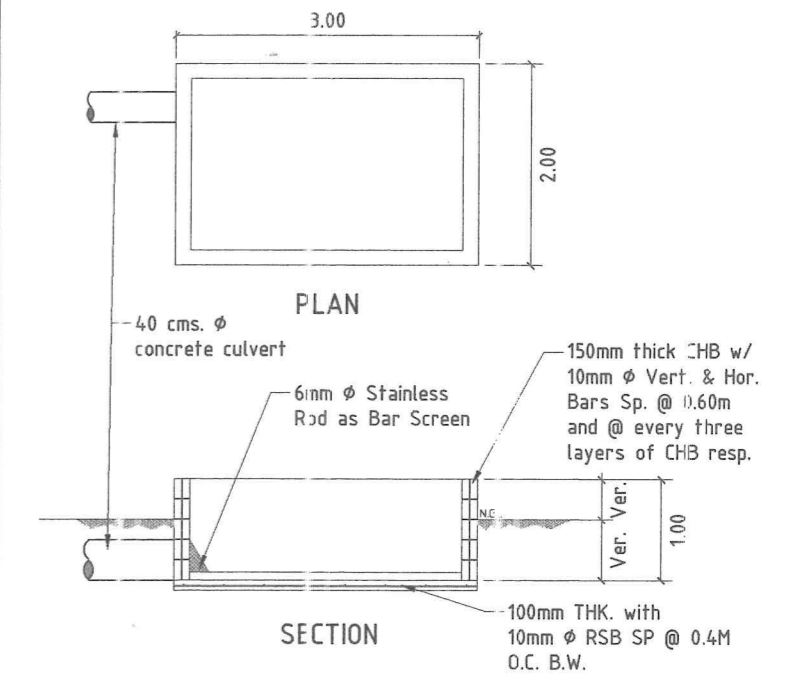
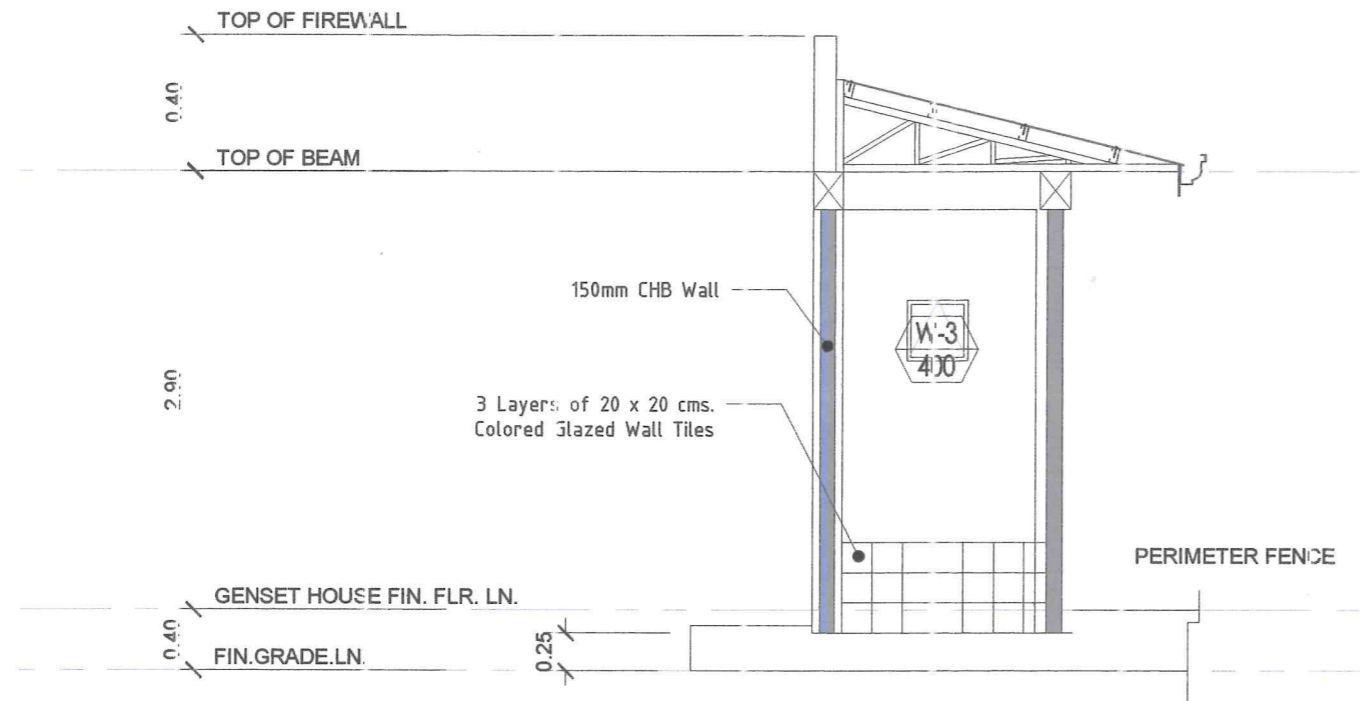
SCALE : 1 : 40 MTS.



RIGHT SIDE ELEVATION

SCALE : 1 : 40 MTS.

<p>Republic of the Philippines METROPOLITAN NAGA WATER DISTRICT 40 J. Miranda Avenue, Naga City</p>	PREPARED BY: SAMUEL A. AMORES <small>OIC - PMA, PDC 2</small>	CHECKED BY: SONJUN O. MILLARES <small>OIC - Dep't Manager A, EED</small>	 ARTURO M. MARCO <small>OIC - Dep't Manager A, PD</small>	RECOMMENDING APPROVAL : ROQUE S. FRANCISCO <small>Assistant General Manager, O&TS</small>	APPROVED : FLORENCIO T. MONGOSO JR., CSEE <small>General Manager</small>	PROJECT TITLE/LOCATION: PROPOSED STA. LUCIA II PUMPING STATION <small>Zone 5, Barangay Sta. Lucia, Lagarao, Camarines Sur</small>	SHEET CONTENTS : CHLORINATION HOUSE DETAILS	SHEET NO.: 13 / 18 Date: 04-24
	<small>GENERAL REV. AND APPROVALS</small>							

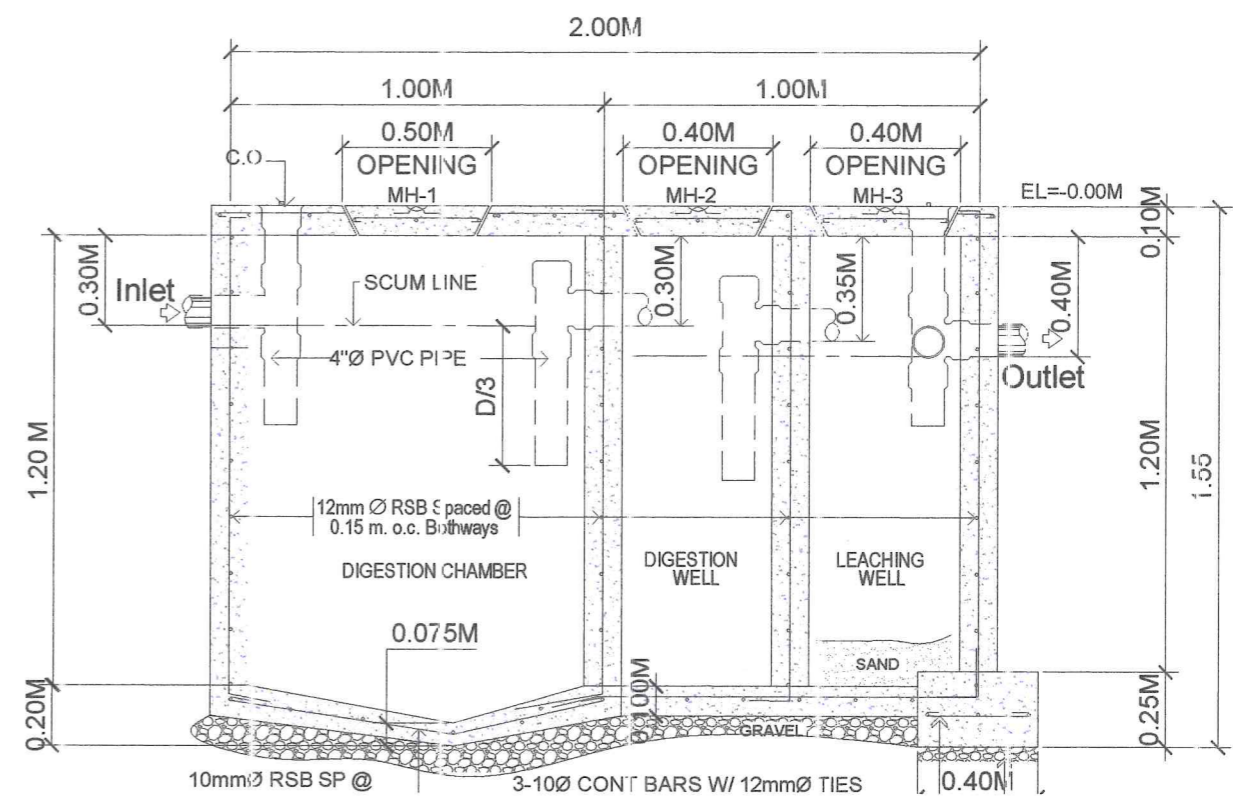
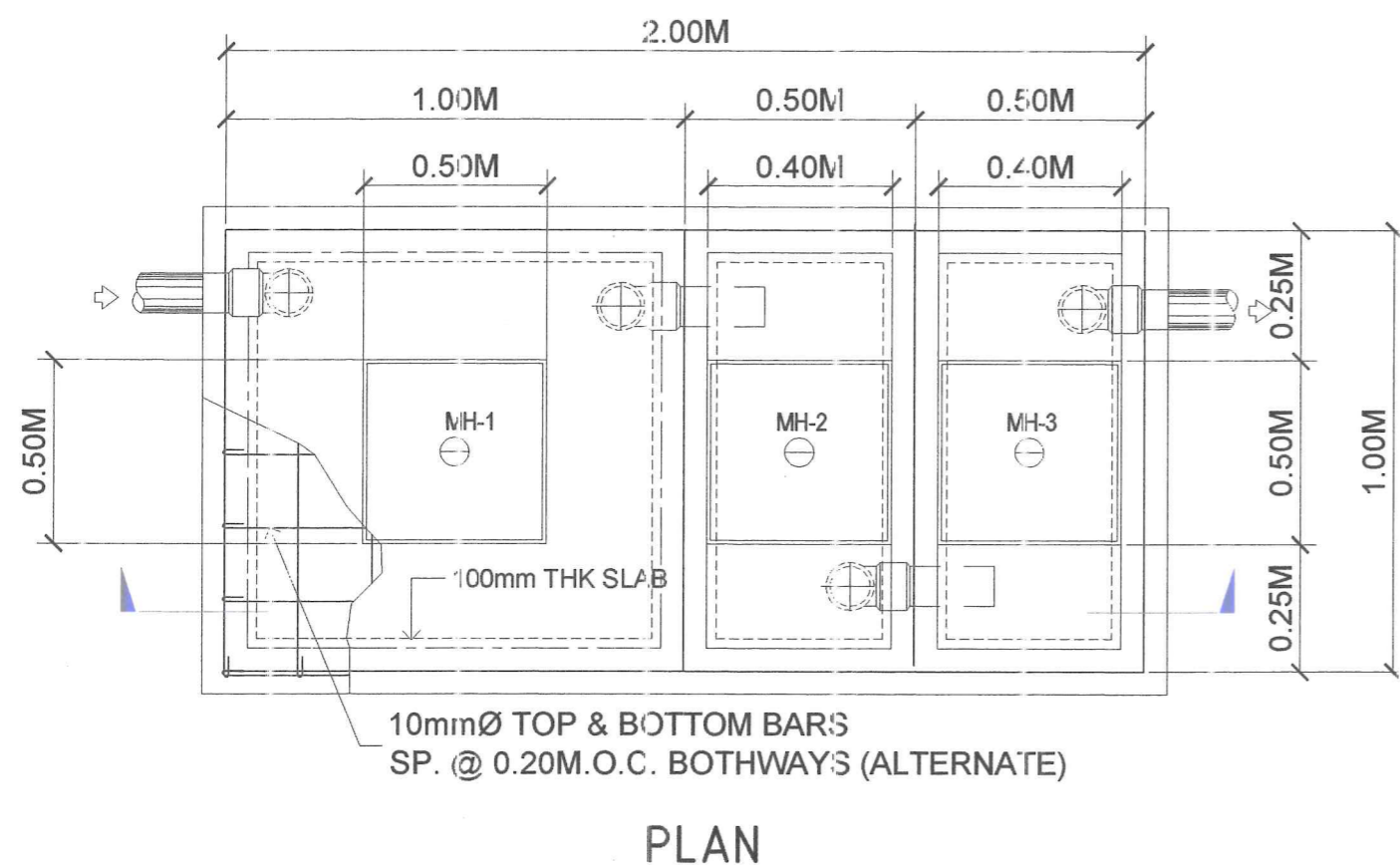


COMFORT ROOM DETAILS

SCALE : 1 : 50 MTS.

DETAILS OF FLUSHING BOX

SCALE : 1 : 75 MTS.



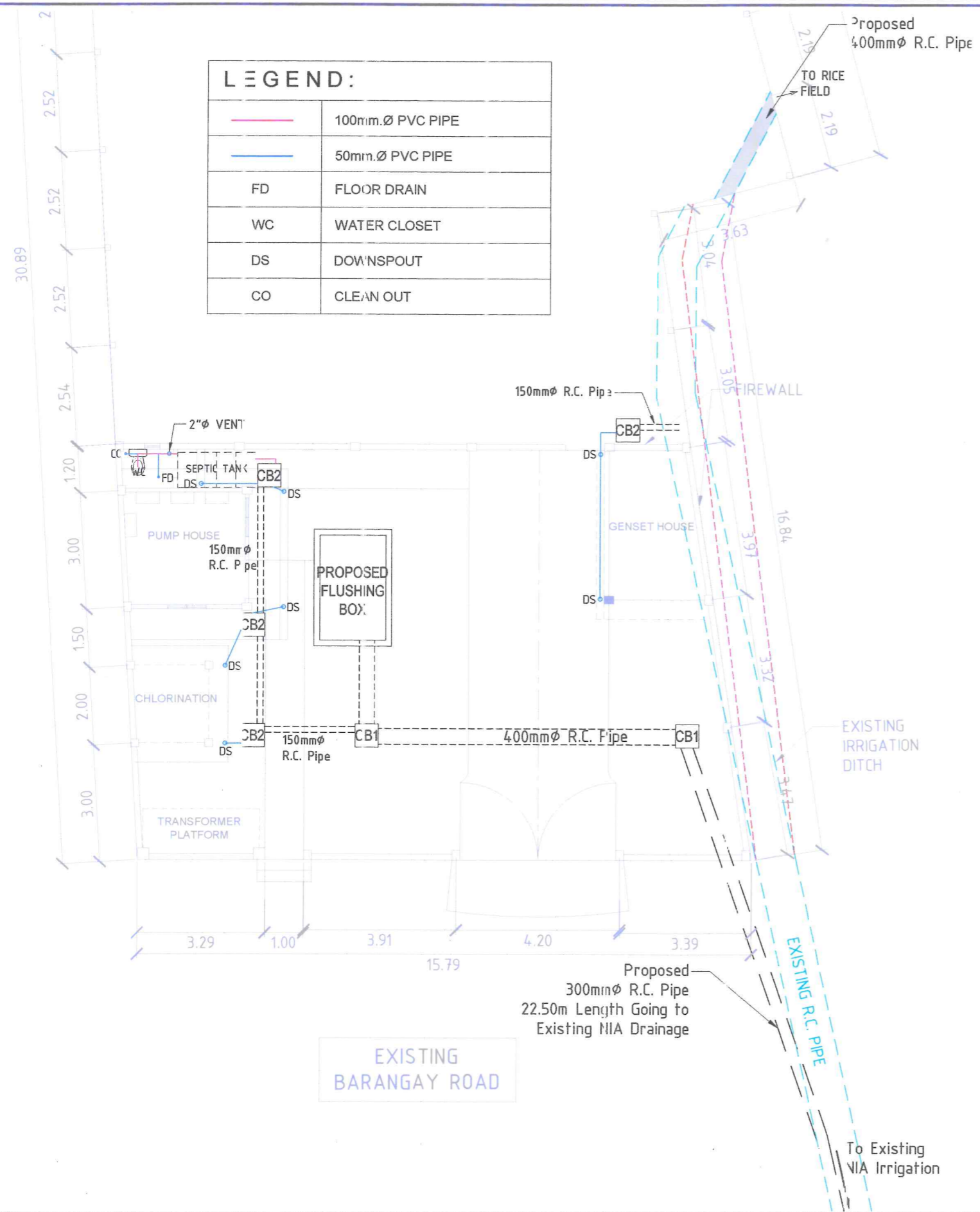
SEPTIC TANK DETAILS

NOT TO SCALE

<p>Republic of the Philippines METROPOLITAN NAGA WATER DISTRICT 40 J. Miranda Avenue, Naga City</p>	PREPARED BY:	CHECKED BY:	RECOMMENDING APPROVAL:	APPROVED:	PROJECT TITLE/LOCATION:	SHEET CONTENTS:	SHEET NO.:
	 SAMUEL A. AMORES OIC - OMA, PDC	 SONJUN O. MILLARES OIC - Dep't Manager A, EED	 ARTURO M. MARCO OIC - Dep't Manager A, PD	 ROQUE S. FRANCISCO Assistant General Manager, O&TS	 FLORENCIO T. MONGOSO JR., CSEE General Manager	PROPOSED STA. LUCIA II PUMPING STATION Zone 5, Barangay Sta. Lucia, Magarao, Camarines Sur	AS SHOWN

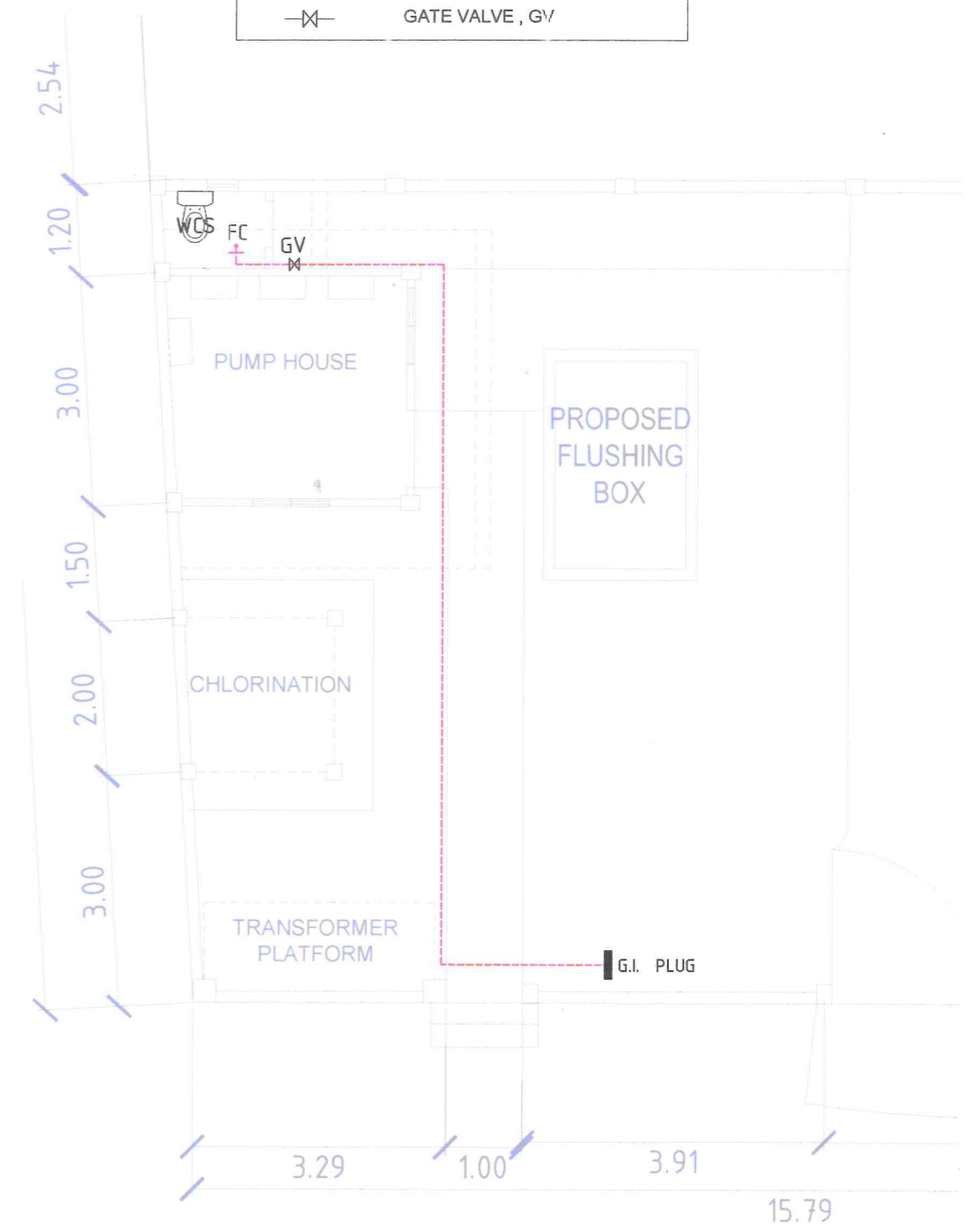
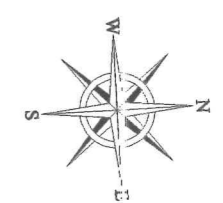
LEGEND:

	100mm.Ø PVC PIPE
	50mm.Ø PVC PIPE
FD	FLOOR DRAIN
WC	WATER CLOSET
DS	DOWNSPOUT
CO	CLEAN OUT



LEGEND:

	12mm.Ø, S-40 G.I. PIPE
FC	FAUCET
WCS	WATER CLOSET SUPPLY
	GATE VALVE, GV



SANITARY LAYOUT

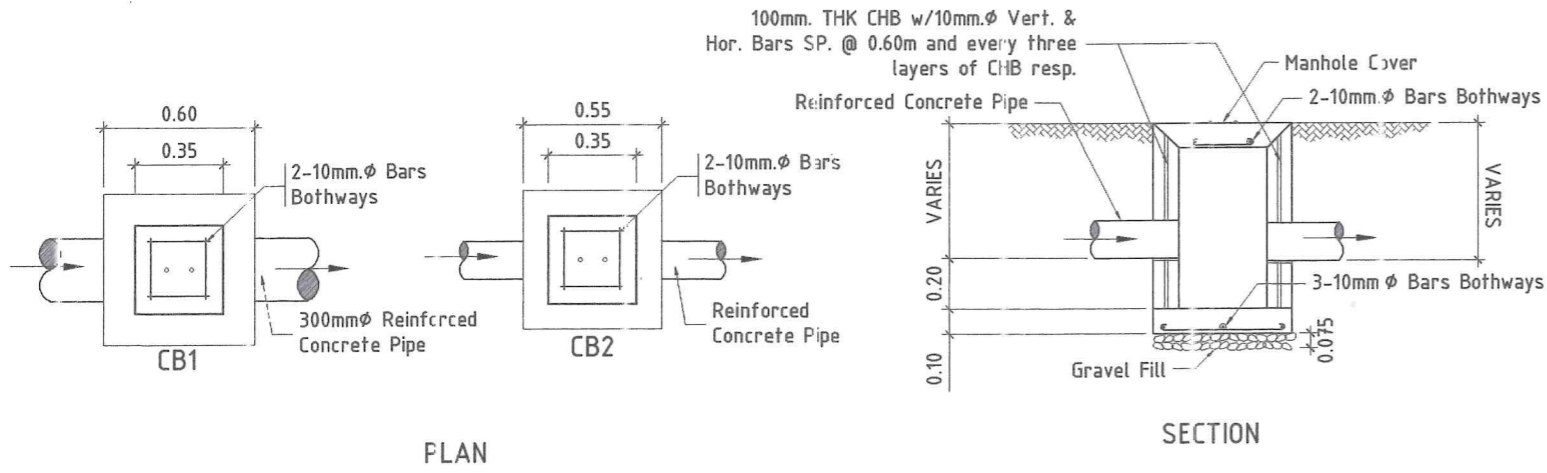
SCALE : 1 : 125 MTS.

CLEAN WATER LAYOUT

SCALE : 1 : 100 MTS.

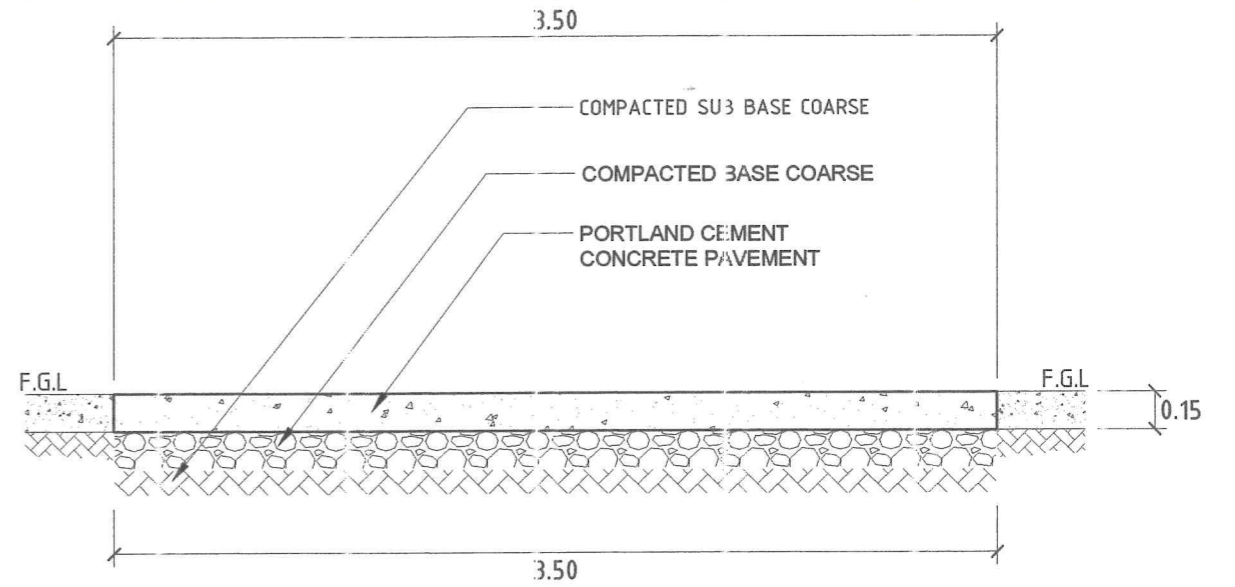
 Republic of the Philippines METROPOLITAN NAGA WATER DISTRICT 40 J. Miranda Avenue, Naga City	PREPARED BY:	CHECKED BY:	RECOMMENDING APPROVAL:	APPROVED:	PROJECT TITLE/LOCATION:	SHEET CONTENTS:	SHEET NO.:
	 SAMUEL A. AMORES <small>OIC - BMA, PBC-2</small>	 SONJUN O. MILLARES <small>OIC - Dept. Manager A, EED</small>	 ARTURO M. MARCO <small>OIC - Dept. Manager A, PD</small>	 ROQUE S. FRANCISCO <small>Assistant General Manager, O&TS</small>	 FLORENCIO T. MONGOSO JR., CSEE <small>General Manager</small>	PROPOSED STA. LUCIA II PUMPING STATION <small>Zone 5, Barangay Sta. Lucia, Magarao, Camarines Sur</small>	SANITARY/PLUMBING DETAILS CLEAN WATER LAYOUT

EEDF17, REV. 00, AUGUST 5, 2011



PLAN

SECTION

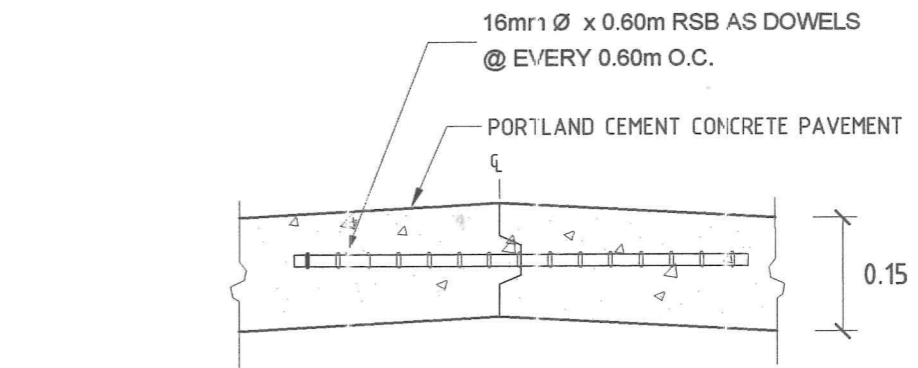
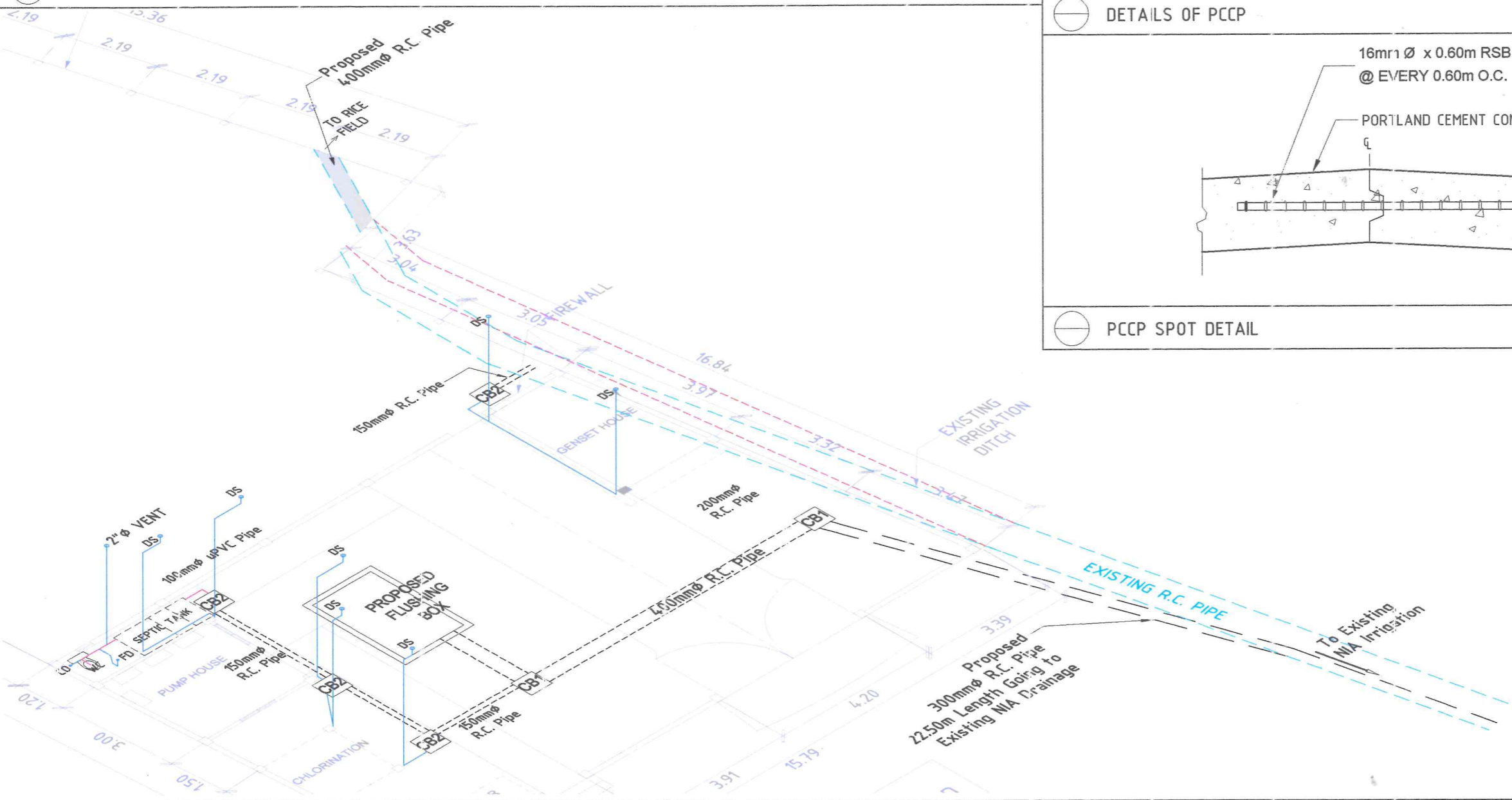


DETAILS OF CATCH BASIN

SCALE : 1 : 30 MTS.

DETAILS OF PCCP

SCALE : 1 : 30 MTS.



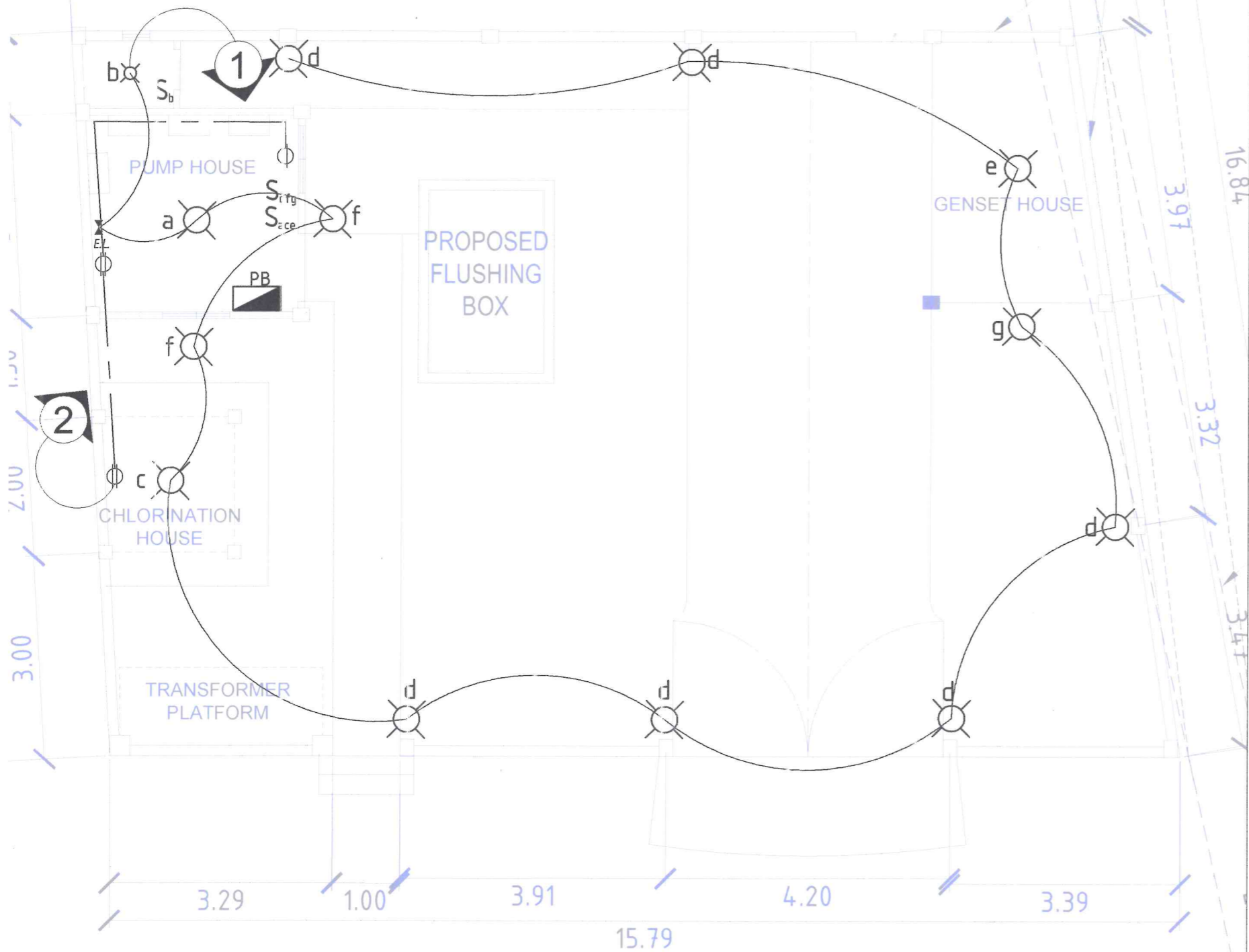
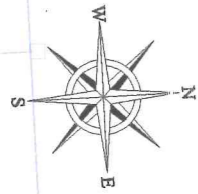
PCCP SPOT DETAIL

SCALE : 1 : 10 MTS.

ISOMETRIC SANITARY LAYOUT

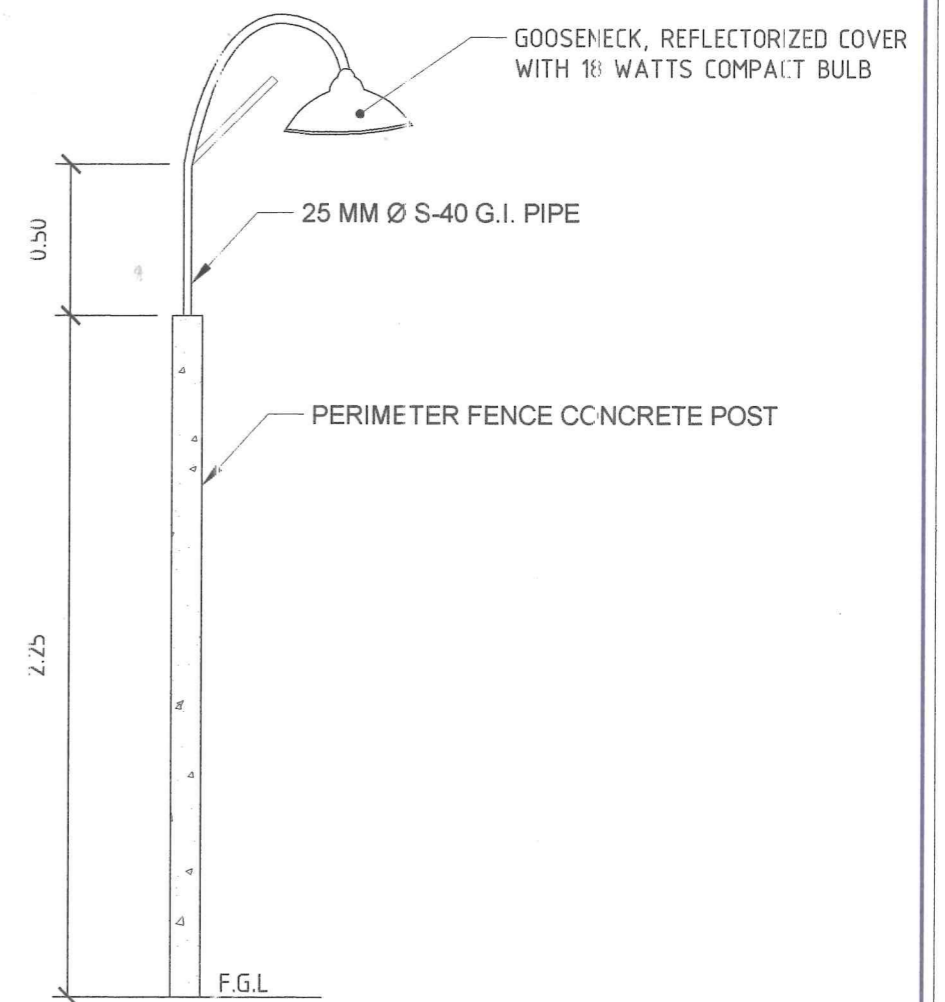
SCALE : 1 : 100 MTS.

<p>Republic of the Philippines METROPOLITAN NAGA WATER DISTRICT 40 J. Miranda Avenue, Naga City</p>	<p>PREPARED BY: <i>[Signature]</i> SAMUEL A. AMORES OIC - DMA, PDC</p>	<p>CHECKED BY: <i>[Signature]</i> SONJUN O. MILLARES OIC - Dep't Manager A, EED</p>	<p>RECOMMENDING APPROVAL: <i>[Signature]</i> ARTURO M. MARCO OIC - Dep't Manager A, PD</p>	<p>APPROVED: <i>[Signature]</i> ROQUE S. FRANCISCO Assistant General Manager, O&TS</p>	<p>APPROVED: <i>[Signature]</i> FLORENCIO T. MONGOSO JR., CSEE General Manager</p>	<p>PROJECT TITLE/LOCATION: PROPOSED STA. LUCIA II PUMPING STATION Zone 5, Barangay Sta. Lucia, Magarao, Camarines Sur</p>	<p>SHEET CONTENTS: ISOMETRIC DETAILS OF PCCP</p>	<p>SHEET NO.: 16 / 18 Date: 04-24</p>
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LEGEND

- LIGHTING OUTLET
- WALL MOUNTED LIGHTING OUTLET
- EMERGENCY LIGHT OUTLET
- CONVENIENCE OUTLET
- CIRCUIT HOMERUN
- PANEL BOARD
- SERVICE ENTRANCE
- ONE GANG SWITCH
- TWO GANG SWITCH
- THREE GANG SWITCH
- KILOWATT-HOUR METER
- CIRCUIT BREAKER
- GROUND



DETAILS OF PERIMETER LIGHTS

SCALE

1 : 25 MTS

ELECTRICAL LIGHTING & POWER LAYOUT

SCALE

1 : 175 MTS.

<p>Republic of the Philippines METROPOLITAN NAGA WATER DISTRICT 40 J. Miranda Avenue, Naga City</p>	<p>PREPARED BY:</p> <p><i>Samuel A. Amores</i> SAMUEL A. AMORES OIC - DMA, PDC</p>	<p>CHECKED BY:</p> <p><i>Sonjun O. Millares</i> SONJUN O. MILLARES OIC - Dept Manager A, EED</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Arturo M. Marco</i> ARTURO M. MARCO OIC - Dept Manager A, PD</p>	<p>APPROVED:</p> <p><i>Roque S. Francisco</i> ROQUE S. FRANCISCO OIC - Dept Manager A, PD</p>	<p>APPROVED:</p> <p><i>Florencio T. Mongoso Jr.</i> FLORENCIO T. MONGOSO JR., CSEE General Manager A</p>	<p>PROJECT TITLE/LOCATION:</p> <p>PROPOSED STA. LUCIA II PUMPING STATION Zone 5, Barangay Sta. Lucia, Magarao, Camarines Sur</p>	<p>SHEET CONTENTS:</p> <p>PERIMETER LIGHTS LAYOUT PERIMETER LIGHTS DETAILS</p>	<p>SHEET NO.:</p> <p>17 / 18</p> <p>Date: 04-24</p>
	<p>EEDF17, REV. 00, AUGUST 5, 2011</p>							

SCHEDULE OF LOADS													
CIRCUIT NO.	LOAD DESCRIPTION	NO. OF			SWITCHES			VOLT	VA	AMP	CIRCUIT BREAKER RATINGS	SIZE OF WIRE	SIZE OF CONDUIT
		L.O.	C.O.	S.P.O.	S1	S2	S3						
1	LIGHTING LOADS & E.LIGHT	6			1		1	230	600	2.61	15AT, 2P, 50AF	2C - 2.0 mm ² THHN COPPER WIRE 1C - 2.0 mm ² THHN COPPER WIRE	20 mm Ø uPVC PIPE
2	LIGHTING LOADS (PERIMETER FENCE)	6					1	230	600	2.61	15AT, 2P, 50AF	2C - 2.0 mm ² THHN COPPER WIRE 1C - 2.0 mm ² THHN COPPER WIRE	20 mm Ø uPVC PIPE
3	CONVENIENCE OUTLETS		2					230	360	1.56	20AT, 2P, 50AF	2C - 2.0 mm ² THHN COPPER WIRE 1C - 2.0 mm ² THHN COPPER WIRE	20 mm Ø uPVC PIPE
4	CONVENIENCE OUTLETS (CHLORINATION HOUSE)		1					230	180	0.78	20AT, 2P, 50AF	2C - 2.0 mm ² THHN COPPER WIRE 1C - 2.0 mm ² THHN COPPER WIRE	20 mm Ø uPVC PIPE
5	SPARE							230	1000	4.35	20AT, 2P, 50AF	2C - 5.5 mm ² THHN COPPER WIRE 1C - 5.5 mm ² THHN COPPER WIRE	20 mm Ø uPVC PIPE
TOTAL		12	3		1		2	230	2740	11.91	50AT, 2P, 50AF	2C - 8.0 mm ² THHN COPPER WIRE 1C - 5.5 mm ² THHN COPPER WIRE	32 mm Ø uPVC PIPE

GENERAL NOTES AND SPECIFICATIONS:

- ALL WORKS HEREIN SHALL CONFORM WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE LABOR AND SAFETY CODE AND ALL THE REQUIREMENTS OF LOCAL UTILITY COMPANY.
- POWER SUPPLY TO BE INSTALLED SHALL BE SINGLE PHASE, TWO-WIRES, 230 VOLTS, 60 Hz.
- MINIMUM SIZE OF WIRE TO BE USED WHEN NOT INDICATED SHALL BE 20 MM² THHN FOR SWITCH LEGS AND 3.5 MM² THHN FOR ALL CIRCUIT RUNS.
- ALL SWITCHES SHALL BE INSTALLED 150M AND ALL OUTLETS AT 0.30M FROM FINISHED FLOOR LEVEL AND POWER PANEL. SAFETY SWITCH SHALL BE 1.80M, KILOWATT HOUR METERS SHALL BE 1.75 FROM FLOOR LEVEL.
- ALL ELECTRICAL WORKS HEREIN SHALL BE SUPERVISED BY LICENSED ELECTRICAL ENGINEER AND MASTER ELECTRICIAN.

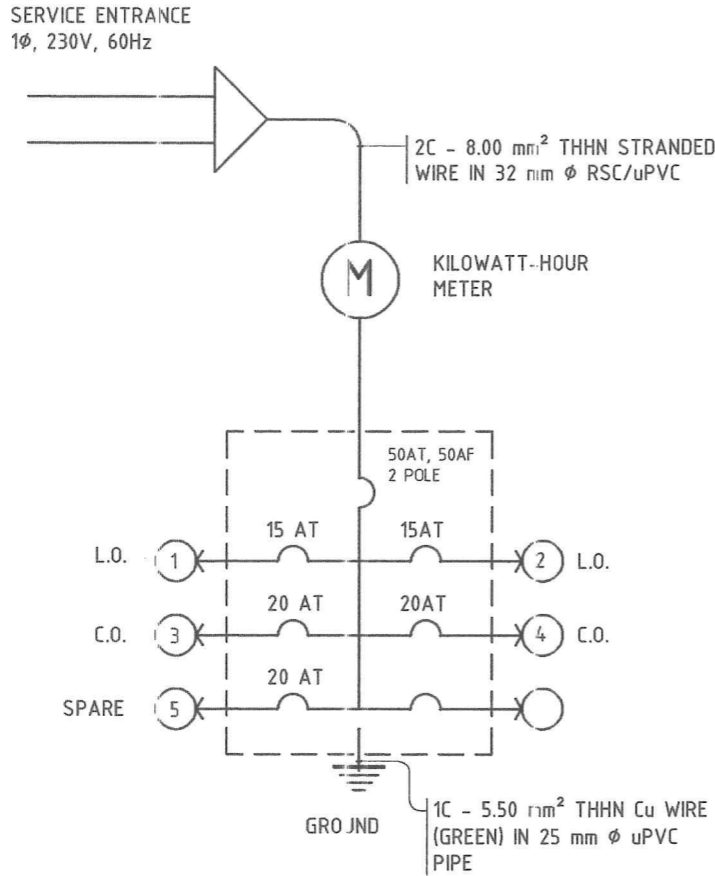
COMPUTATIONS:

$$I_T = \frac{2740 \text{ V.A.} \times 100\% \text{ D.F.}}{230 \text{ V}}$$

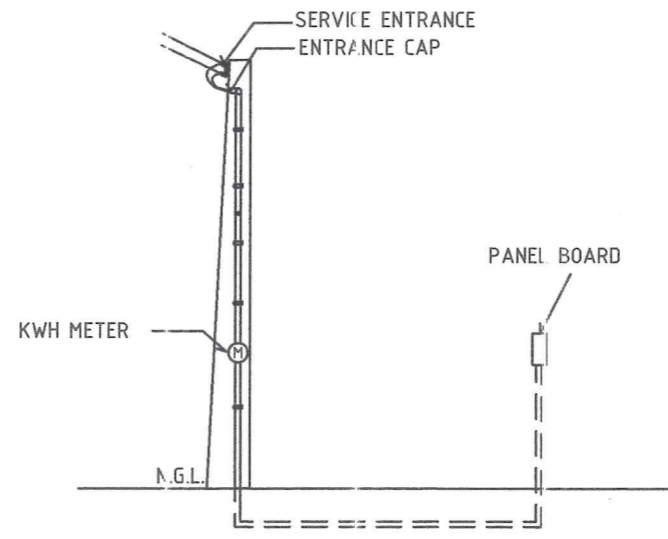
$$I_T = 11.91 \text{ AMPS.}$$

RECOMMENDATIONS

USE 50AT/50AF, 2P, 230V, 60Hz CIRCUIT BREAKER FOR MAIN PROTECTION AND 2C - 8.00mm² THHN Cu WIRE + 1C - 5.50mm² THHN Cu WIRE IN 25mm Ø uPVC PIPE.



⊕ RISER DIAGRAM SCALE : 1 : 75 MTS.



⊕ SERVICE ENTRANCE DETAIL