

LOCATION PLAN
SCALE: 1:250 M.



Department of Science and Technology
PHILIPPINE SCIENCE HIGH SCHOOL
CENTRAL MINDANAO CAMPUS
Nangka, Balo-i, Lanao Del Norte

PREPARED BY :

Rannie C. Cabuyao
Civil Engineer

REG. NO. 0112775
PTR NO. 4277266
DATE: 01-14-2020
TIN. NO. 948-120-928

REVIEWED BY :

Queen Jelly L. Tomawis
Resident Engineer

CHECKED BY :

Jayson C. Vacunador
Acting Head Engineer

APPROVED BY :

Franklin L. Salisid
Campus Director

PROJECT:

PROPOSED CORRIDOR
EXTENSION

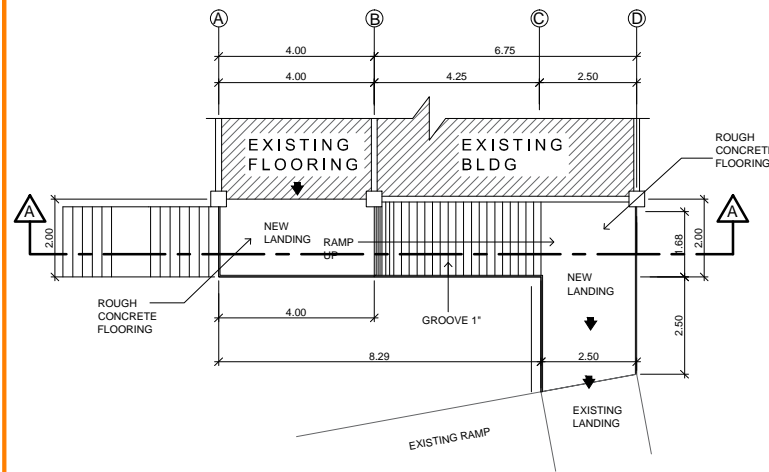
LOCATION: NANGKA, BALO-I, LANA O DEL NORTE

SHEET CONTENTS :

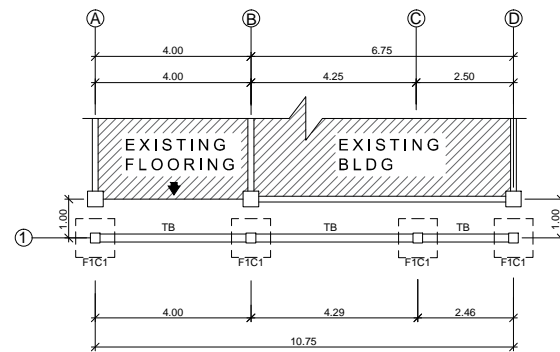
LOCATION PLAN

SHT. NO.

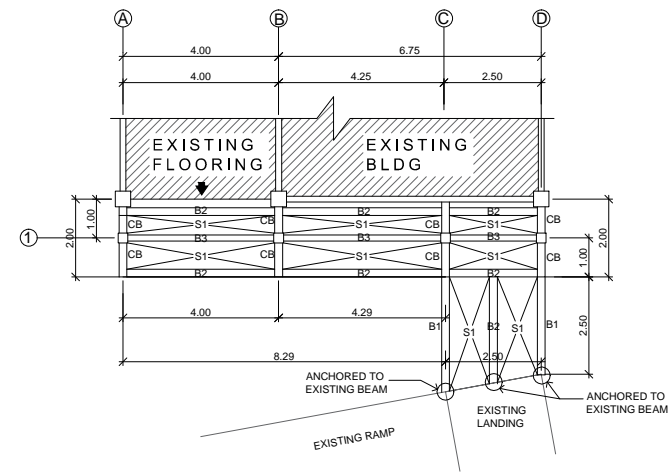
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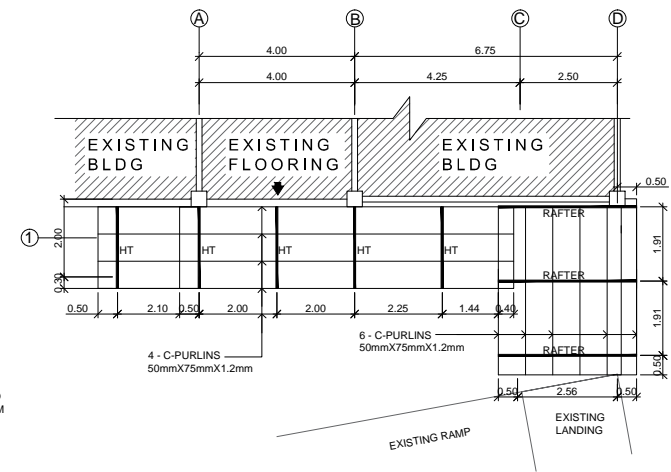
FLOOR PLAN
SCALE: 1:100 M.



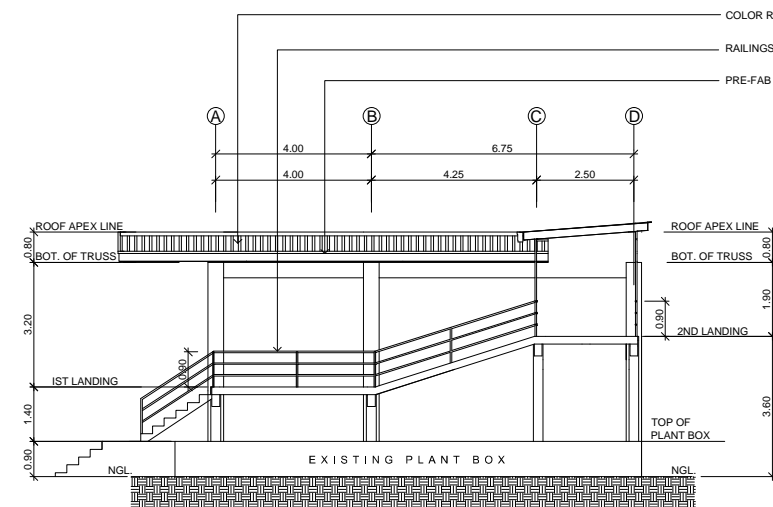
FOUNDATION PLAN
SCALE: 1:100 M.



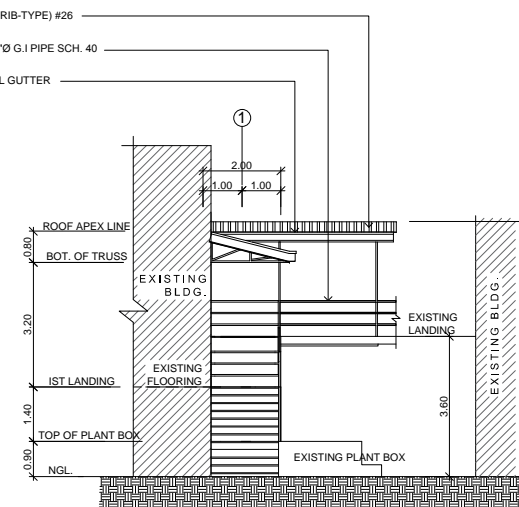
BEAM FRAMING PLAN
SCALE: 1:100 M.



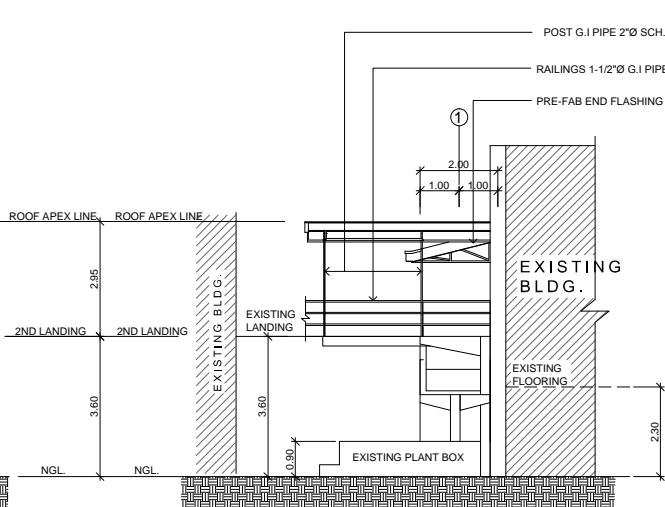
ROOF FRAMING PLAN
SCALE: 1:100 M.



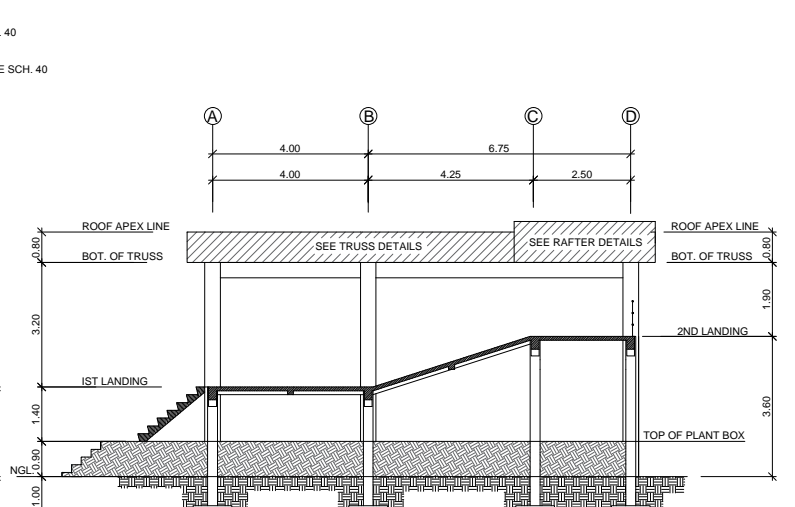
FRONT ELEVATION
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LEFT SIDE ELEVATION
SCALE: 1:100 M.

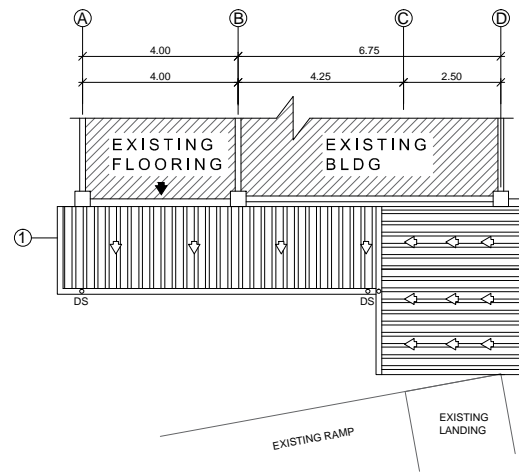


RIGHT SIDE ELEVATION
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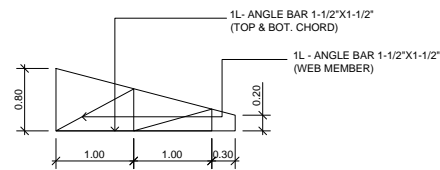


SECTION THRU "A-A"
SCALE: 1:100 M.

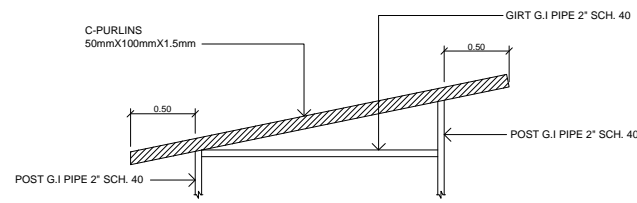
 <div>Republic of the Philippines Department of Science and Technology PHILIPPINE SCIENCE HIGH SCHOOL CENTRAL MINDANAO CAMPUS Nangka, Bala-I, Linao Del Norte</div>	PREPARED BY :		REVIEWED BY :	CHECKED BY :	APPROVED BY :	PROJECT:	SHEET CONTENTS :	SHT. NO.
	Rannie C. Cabuyao Civil Engineer	REG. NO. 0112775	Queen Jelly L. Tomawis Resident Engineer	Jayson C. Vacunador Acting Head Engineer	Franklin L. Salisid Campus Director	PROPOSED CORRIDOR EXTENSION	FLOOR PLAN ELEVATIONS SECTIONS FOUNDATION PLAN ROOF FRAMING PLAN BEAM FRAMING PLAN	<div>3/6</div>
		PTR NO. 4277266						
		DATE: 01-14-2020						
		TIN. NO. 948-120-928						
						LOCATION: NANGKA, BALO-I, LANAO DEL NORTE		



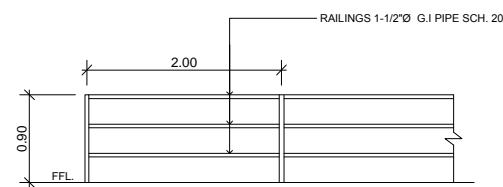
ROOF PLAN
SCALE: 1:100 M.



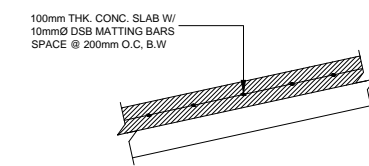
HT DETAILS
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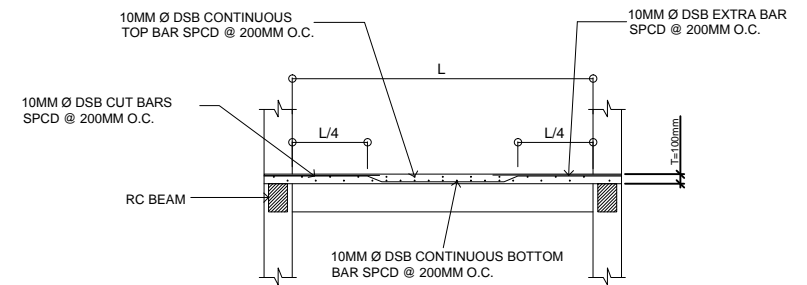
RAFTER DETAILS
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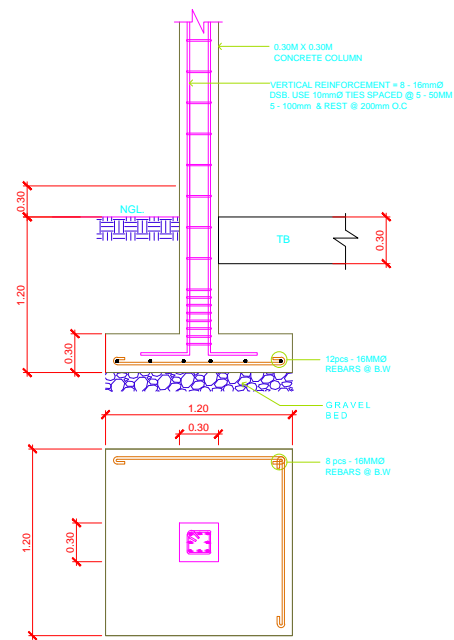
RAILINGS DETAILS
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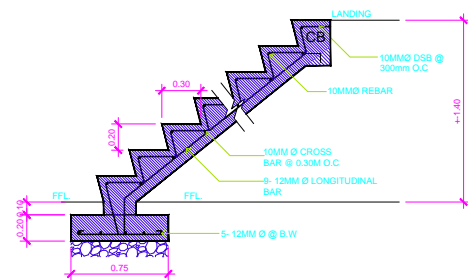
RAMP DETAILS
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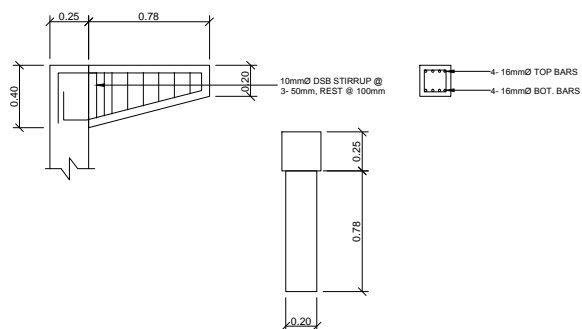
SLAB (S1) DETAILS
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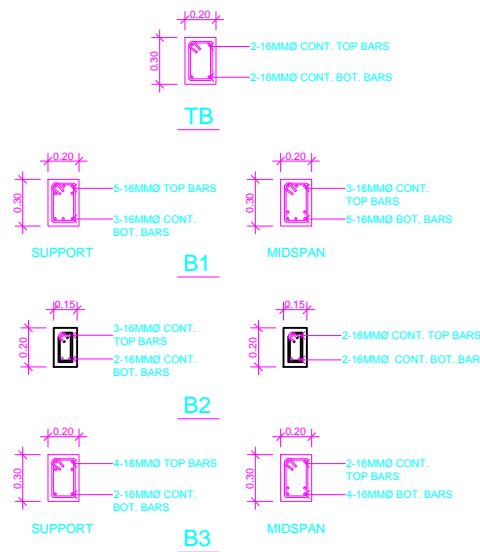
F1C1 SECTION DETAILS
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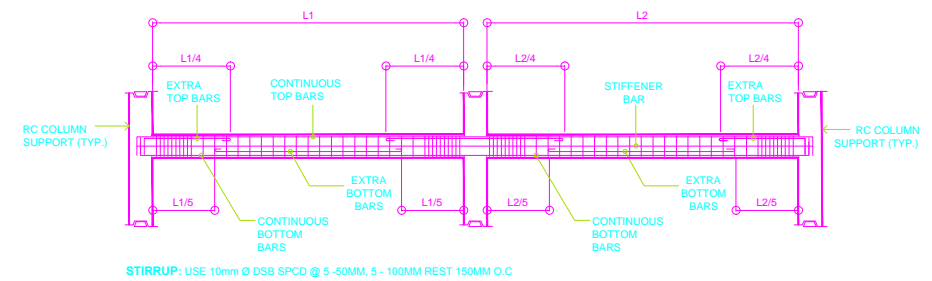
CONCRETE STAIR DETAILS
SCALE: 1:30 M.



CORBEL (CB) DETAILS
SCALE: 1:25 M.



BEAM SECTION DETAILS
SCALE: 1:25 M.



TYPICAL BEAM REINFORCEMENT DETAILS
SCALE: NTS.

SPECIFICATION:

1.

GRADES OF HORIZON PIPINGS
RUN ALL HORIZONTAL IN PERFECT ALIGNMENT AND AT A FORM GRADE NOT LESS THAN TWO PERCENT (2%)
2.

CHANGE IN DIRECTION:
ALL CHANGE IN DIRECTION SHALL BE MADE BY APPROPRIATE USE OF FORY-FIVE DEGREES (45°) WYES, LING SWEEP
QUARTER BEND, SIXTH-EIGHTH OR SIXTEENTH BEND. WHEN THE CHANGE OF FLOW IS FROM HORIZONTAL TO VERTICAL A
SINGLE 1/8" BEND COMBINATION MAYBE USED ON VERTICAL STACKS AND SHORT
QUARTER BENDS MAYBE USED ON WASTE
3.

PROHIBITED FITTINGS
NO DOUBLE HUB OR TEE BRANCH SHALL BE USED ON HORIZONTAL AND WASTE LINES, THE DRILLINGS AND TAPPING
OF HOUSE DRAIN, WASTE OR BEND PIPES AND USED OF SUBTLE HUB AND BEND ARE PROHIBITED.
4.

PIPE CLEAN-OUTS
CLEAN-OUTS ARE REQUIRED UNDER THE FOLLOWING CONDITIONS:
a) EVERY CHANGE OF HORIZONTAL DIRECTION EXCEEDING TWENTY-TWO AND ONE-HALF DEGREES (22 1/2°)
b) ONE AND ONE-HALF METERS (1.50m) INSIDE THE PROPERTY LINE BEFORE THE HOUSE DRAINAGE CONNECTION
c) EVERY FIFTEEN METERS (15.00m) IN HORIZONTAL RUN OF PIPES.
d) AT THE END OF ANY HORIZONTAL PIPE LINES.
5.

THE DIGESTION CHAMBER OF SEPTIC VAULT MUST BE WATERPROOFED.
6.

NOT LESS THAN 0.30 METER OF AIR SPACE MUST BE LEFT BETWEEN THE TOP OF SEWAGE AND THE UNDER PART OF VAULT ROOF SLAB.
7.

NO SEPTIC VAULT SHALL BE CONSTRUCTED UNDER THE BUILDING.
8.

ALL PLUMBING WORKS SHALL BE UNDER THE SUPERVISION OF A LICENSED MASTER PLUMBER AND A LICENSED PLUMBING CONTRACTOR.

LEGEND:

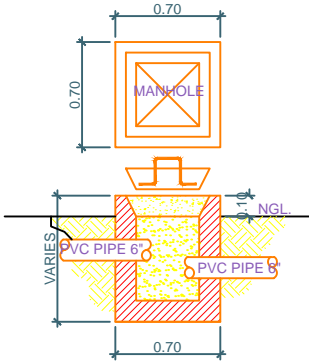
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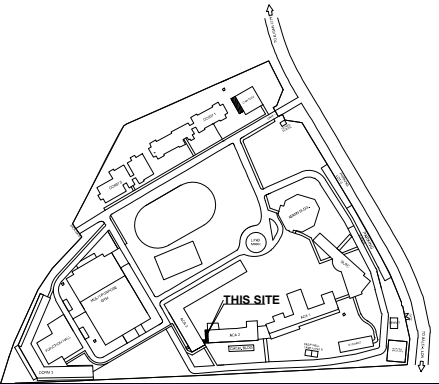
DOWN SPOUT
- CB

-

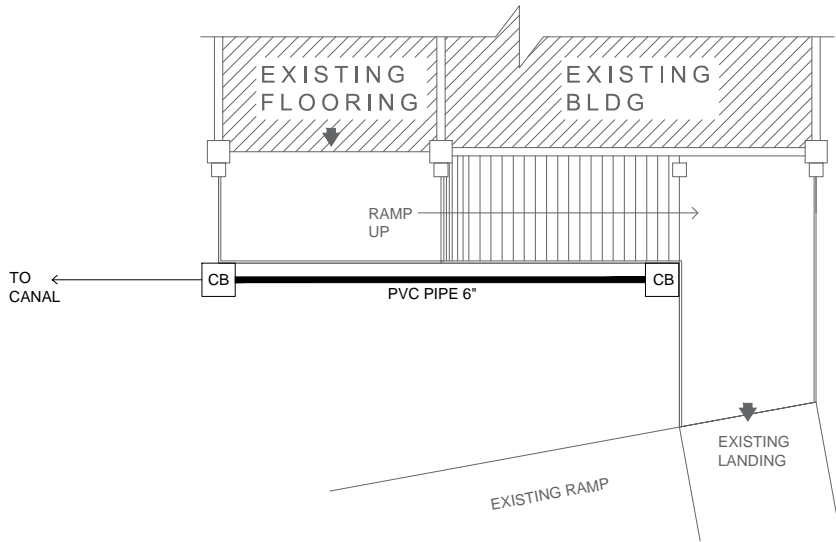
CATCH BASIN



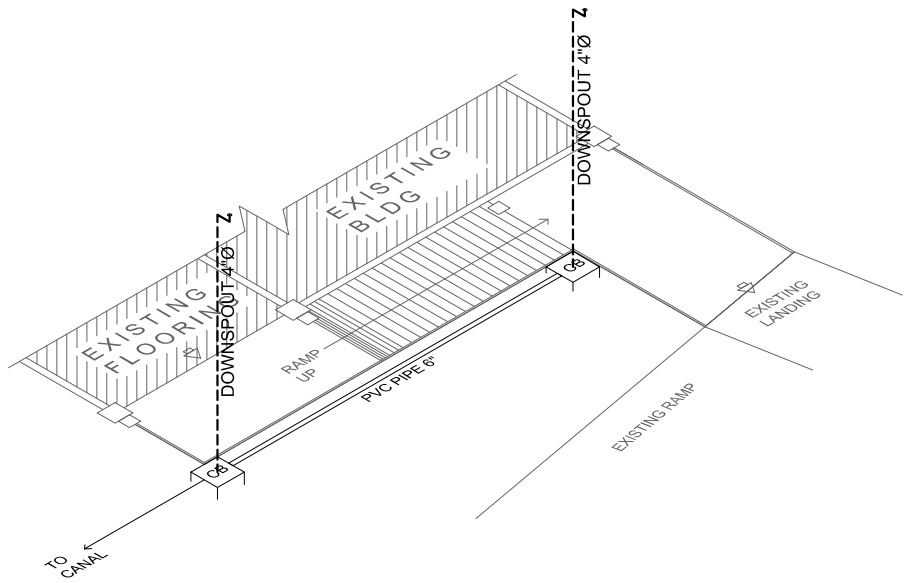
CATCH BASIN DETAILS
SCALE: NTS.



LOCATION PLAN



PLUMBING LAYOUT PLAN
SCALE: NTS.



ISOMETRIC VIEW
SCALE: NTS.



PHILIPPINE SCIENCE HIGH SCHOOL
CENTRAL MINDANAO CAMPUS
Nangka, Balo-i, Lanao Del Norte

PREPARED BY :

Master Plumber

REG. NO.
PTR NO.
DATE:
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REVIEWED BY :

Queen Jelly L. Tomawis
Resident Engineer

CHECKED BY :

Jayson C. Vacunador
Acting Head Engineer

APPROVED BY :

Franklin L. Salisid
Campus Director

PROJECT:

PROPOSED CORRIDOR
EXTENSION

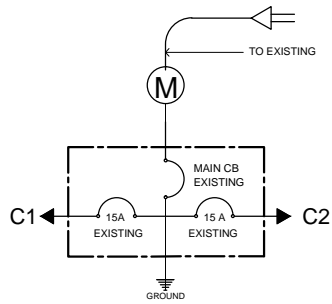
LOCATION: NANGKA, BALO-I, LANA DEL NORTE

SHEET CONTENTS :

GENERAL SPECIFICATIONS
LEGEND
CATCH BASIN DETAILS
PLUMBING LAYOUT PLAN

SHT. NO.

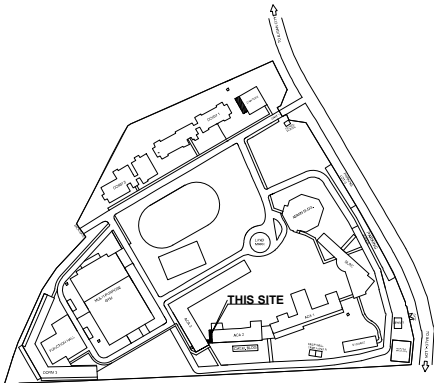
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SINGLE LINE DIAGRAM
SCALE: NTS

SCHEDULE OF LOADS											
CKT. NO.	LOAD DESCRIPTION	ACU	L.O.	C.O.	WATTS	VOLTS	AMPERE/CKT.	PROTECTION/CKT.	CABLE WIRE SIZE THHN	GROUND GREEN CABLE SIZE THHN	CONDUIT DIA. RSC
PB-1											
C1	LIGHTING OUTLET	—	3	—	300	220	1.36 A	15 A (TO EXISTING)	2 - 1C - 3.5 MM² THW WIRE	1 - 1C - 2.0 MM²	20MM dia.
	TOTAL		3		300	220	1.36 A	EXISTING CKT	EXISTING CABLE WIRE		

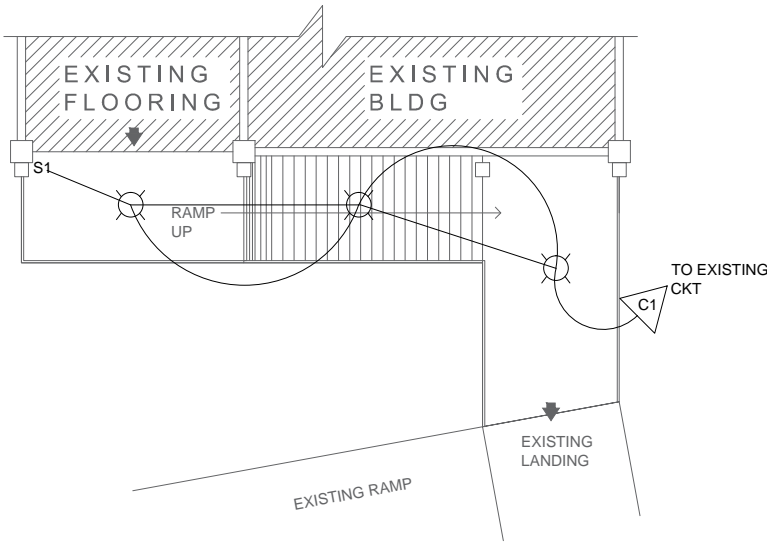
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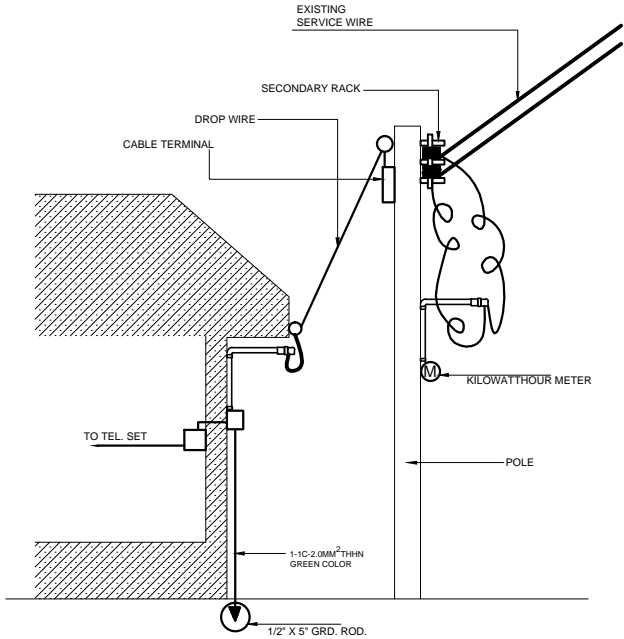
LOCATION PLAN

SPECIFICATION:

- ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC).
- THE RULES AND REGULATION OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY. THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
- THE ELECTRICAL SERVICE POWER IS 1 - PHASE, 2- WIRE, 230 V AC, 60 Hz
- WIRING METHOD SHALL BE AS FOLLOWS:
A. FEEDERS AND RISERS - INTERMEDIATE METLLIC CODUIT
B. LIGHTING POWER RECEPTACLE - POLYVINYL CHLORIDE CONDUIT
C. BRANCH CKT., & AUXILIARY - SCH. 40
- ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THW" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5mm² AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15mmØ TRADE/NOMINAL SIZE.
- ALL OUTLET BOXES SHALL BE PVC.
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSED OF USAGE.
- GROUNDING SYSTEM SHALL BE PROVIDED TO ALL LIGHTING AND POWER CIRCUIT AS PER PHILIPPINE ELECTRICAL CODE REQUIREMENT.
- MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:
A. LIGHT SWITCH - 1.20 M ABOVE FINISH FLOOR
B. CONVENIENCE OUTLET - 0.30 M ABOVE FINISH FLOOR
C. PANEL BOARD - 1.50 M ABOVE FINISH FLOOR



LIGHTING LAY-OUT PLAN
SCALE: NTS



TELEPHONE & ELECTRICAL SERVICE ENTRANCE DETAIL
SCALE: NTS



PREPARED BY :

Electrical Engineer

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PTR NO.
DATE:
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REVIEWED BY :

Queen Jelly L. Tomawis
Resident Engineer

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Jayson C. Vacunador
Acting Head Engineer

APPROVED BY :

Franklin L. Salisid
Campus Director

PROJECT:

PROPOSED CORRIDOR
EXTENSION

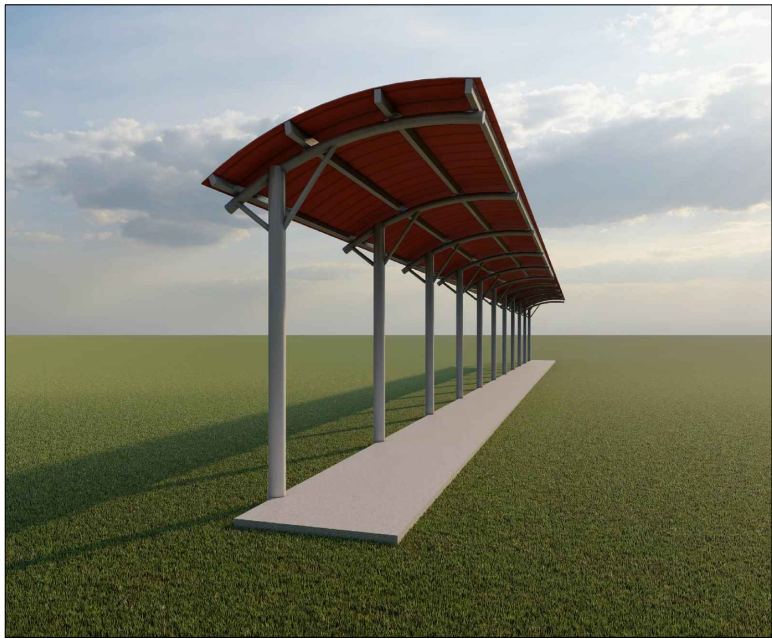
LOCATION: NANGKA, BALO-I, LANAOK DEL NORTE

SHEET CONTENTS :

GENERAL SPECIFICATIONS
LEGEND
SINGLE LINE DIAGRAM
SCHEDULE OF LOADS
SERVICE ENTRANCE DETAILS
LIGHTING LAYOUT PLAN

SHT. NO.

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PERSPECTIVE VIEW "A"
SCALE: NTS.



PERSPECTIVE VIEW "B"
SCALE: NTS.

LEGEND:

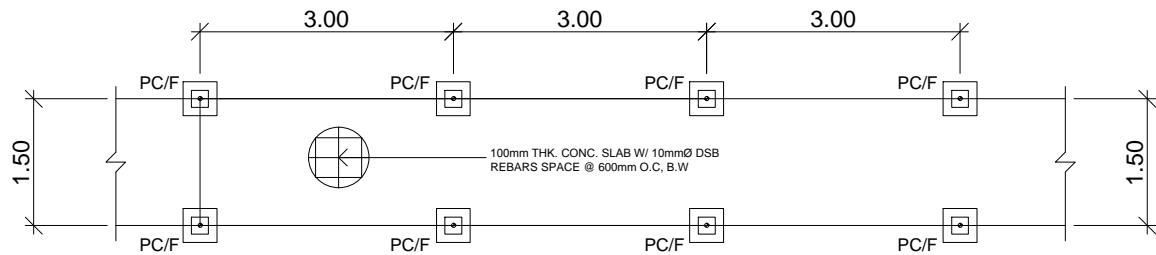
- COVERED WALKWAY DETAIL "A"
- COVERED WALKWAY DETAIL "B"
- CANAL DRAINAGE
- CATCH BASIN



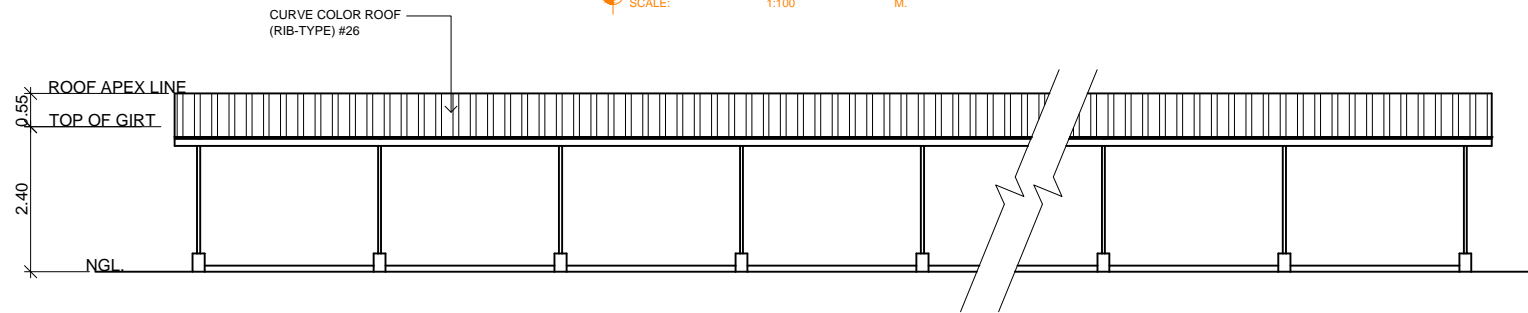
SITE DEVELOPMENT PLAN
SCALE: NTS.

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS OFFICE OF THE BUILDING OFFICIAL
DISTRICT/CITY/MUNICIPALITY
BUILDING OFFICIAL
LAND USE AND ZONING
LINE AND GRADE
ARCHITECTURAL
STRUCTURAL
SANITARY
ELECTRICAL
MECHANICAL
FIRE AND SAFETY

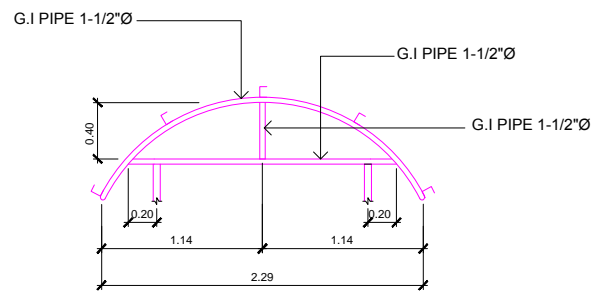
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	Rannie C. Cabuyao Civil Engineer		Queen Jelly L. Tomawis Resident Engineer		Jayson C. Vacunador Acting Head Engineer		Franklin L. Salisid Campus Director		PROPOSED COVERED WALKWAY	PERSPECTIVE VIEW SITE DEVELOPMENT PLAN	1/3
									LOCATION: NANGKA, BALO-I, LANAO DEL NORTE		



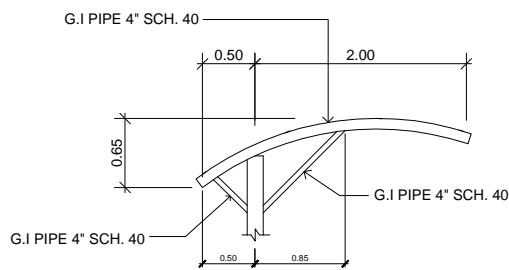
TYPICAL FOUNDATION PLAN
SCALE: 1:100 M.



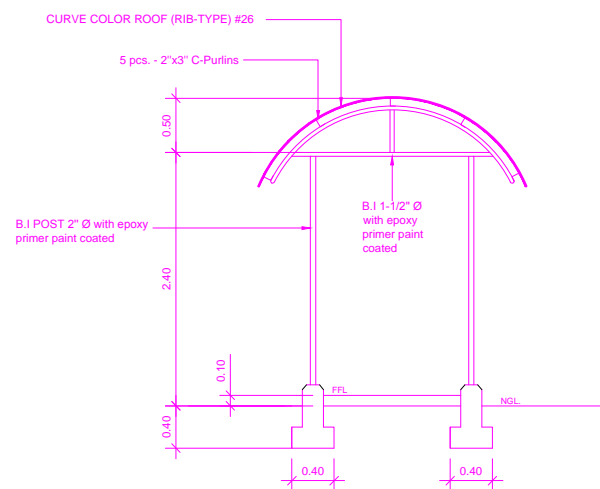
TYPICAL ELEVATION
SCALE: 1:70 M.



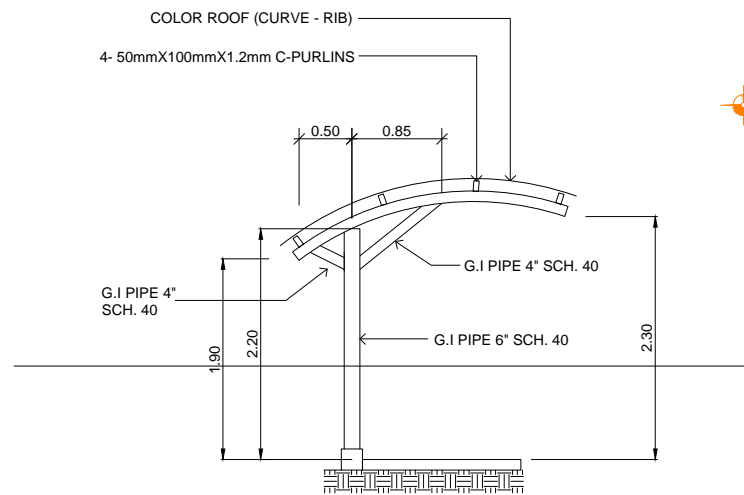
DETAIL "B" TYPICAL CURVE TRUSS (CT) DETAILS
SCALE: 1:25 M.



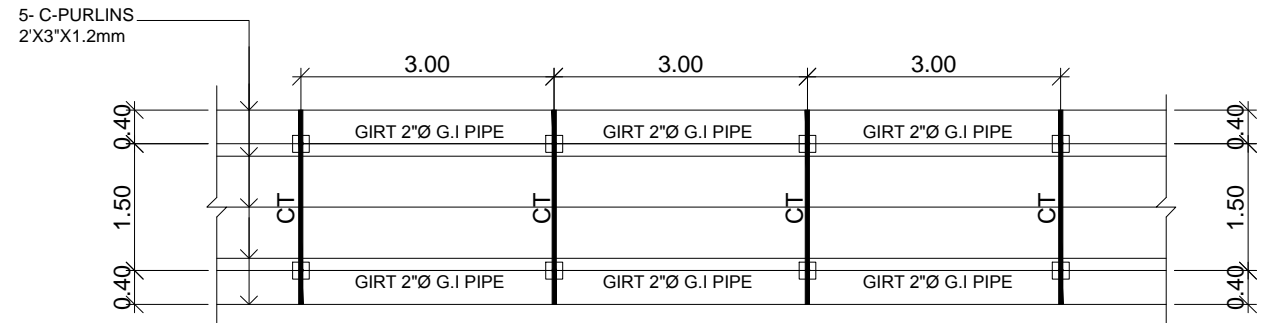
DETAIL "A" TYPICAL CURVE TRUSS (CT) DETAILS
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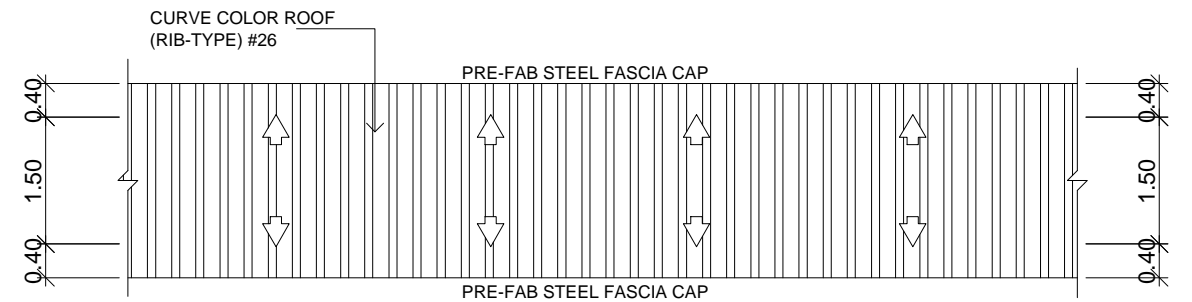
DETAIL "B" TYPICAL COVERED WALK SECTION DETAILS
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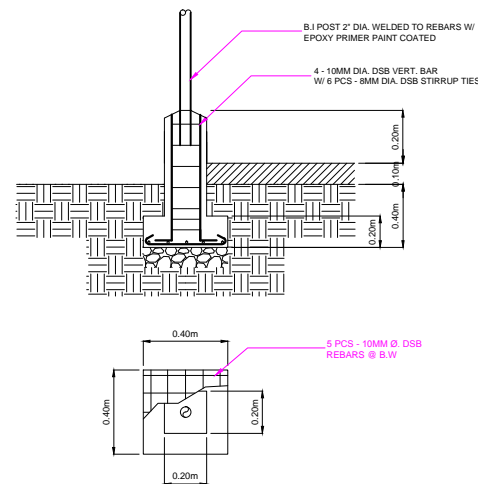
DETAIL "A" TYPICAL COVERED WALK SECTION DETAILS
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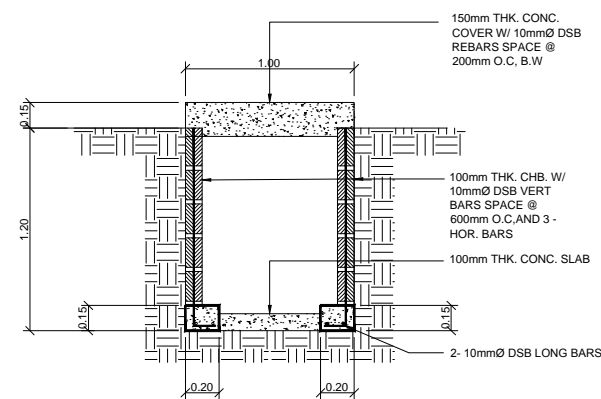
TYPICAL ROOF FRAMING PLAN
SCALE: 1:100 M.



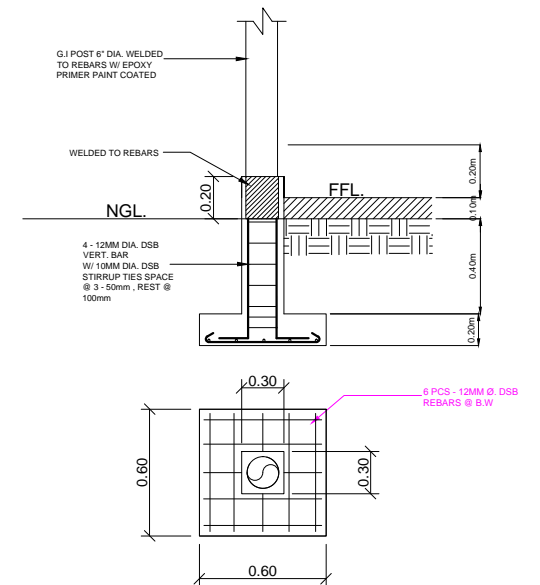
TYPICAL ROOF FRAMING PLAN
SCALE: 1:100 M.



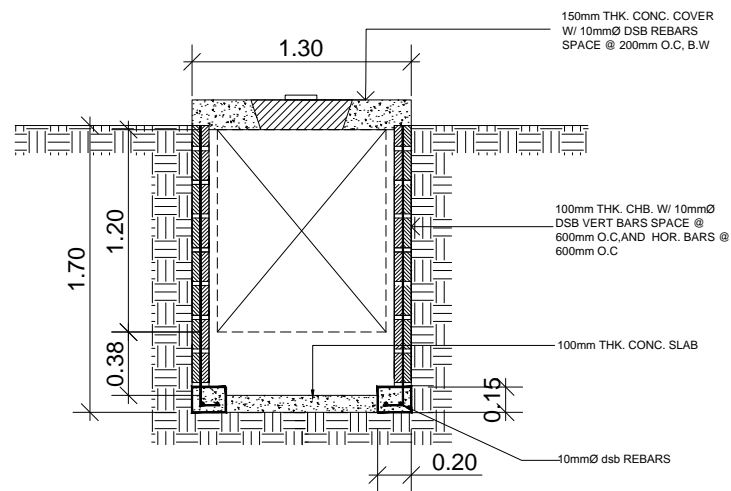
DETAIL "B" TYPICAL PEDISTAL COLUMN FOOTING (PC/F) DETAILS
SCALE: 1:20 M.



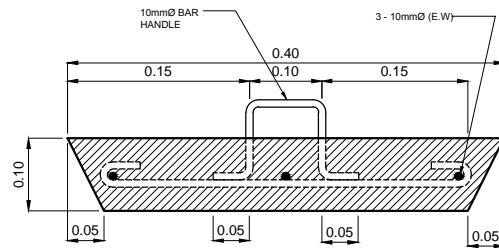
CANAL SECTION DETAILS
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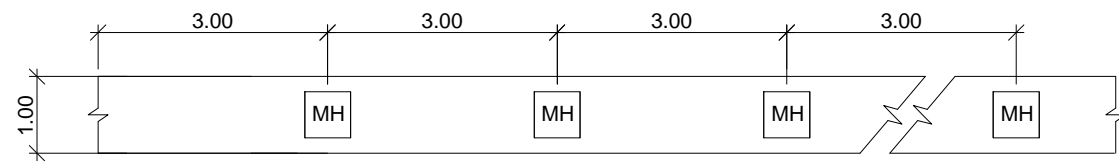
DETAIL "A" TYPICAL PEDISTAL COLUMN FOOTING (PC/F) DETAILS
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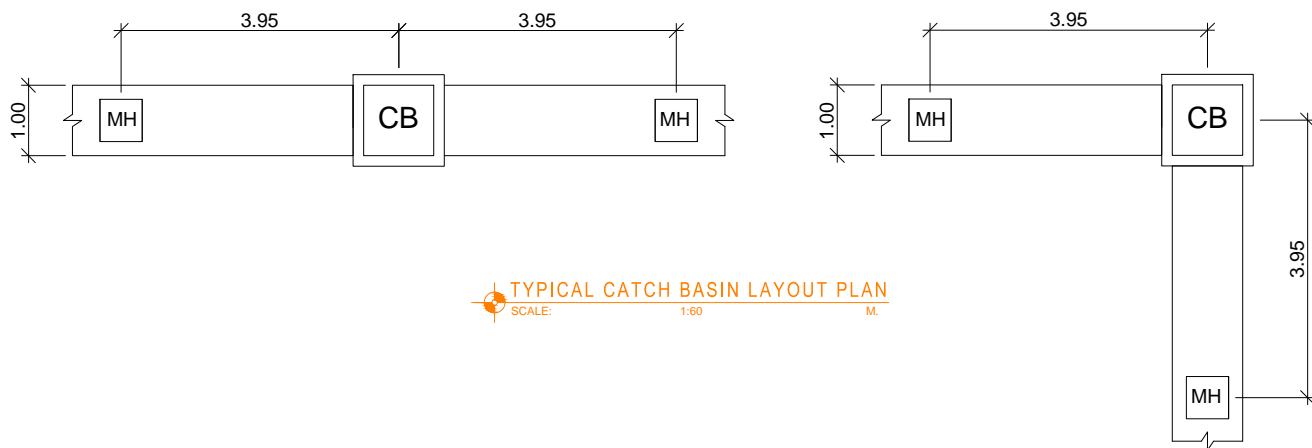
CATCH BASIN SECTION DETAILS
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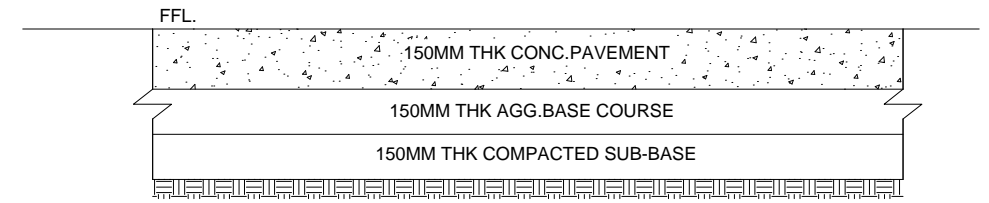
MANHOLE SECTION DETAILS
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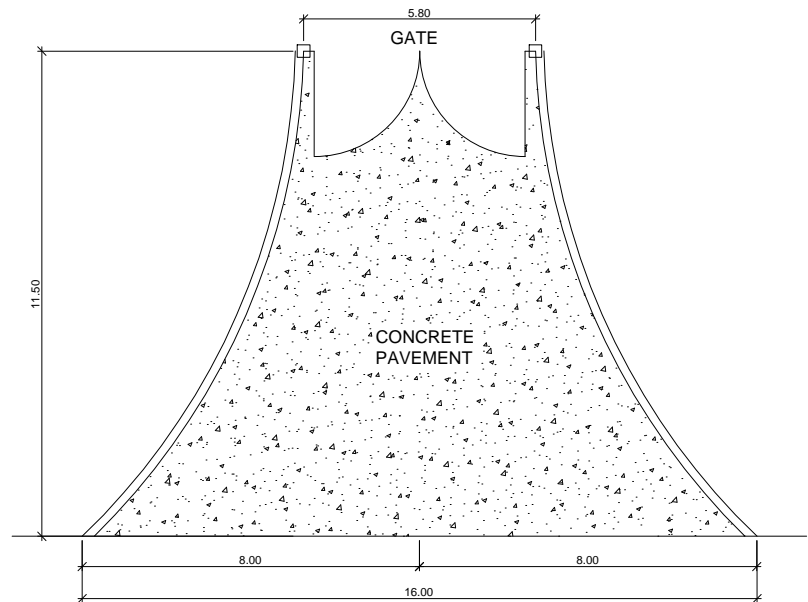
TYPICAL DRAINAGE CANAL LAYOUT PLAN
SCALE: 1:50 M.



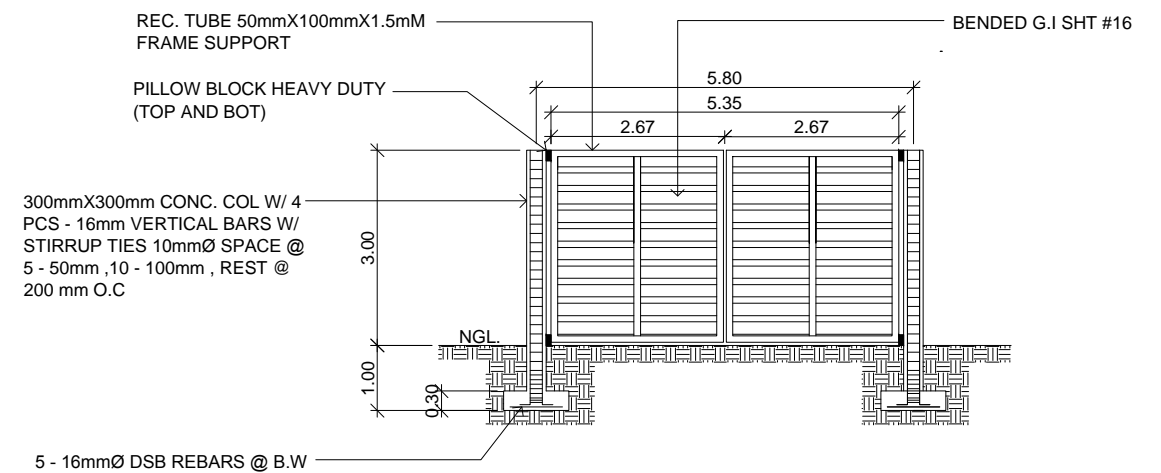
TYPICAL CATCH BASIN LAYOUT PLAN
SCALE: 1:60 M.



CONCRETE PAVEMENT DETAILS
SCALE: NTS.



GATE CONCRETE PAVEMENT PLAN
SCALE: 1:100 M.



GATE DETAILS
SCALE: 1:50 M.