

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS
PAROLA, ILOILO CITY

DETAILED ENGINEERING DESIGN PLAN
ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY
(WITH OFFICE)
LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEGROS OCCIDENTAL
FY 2023 RICE PROGRAM

PREPARED:

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Engineer IV (ABE NO. 006077)
OIC Chief, RAED

APPROVED:

DOMINADOR A. MARQUEZ, MPA
OIC-RTD for Operations & Extension



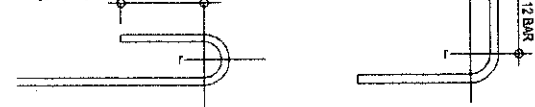
NEGROS ISLAND MAP

SCALE: N.T.S.

GENERAL NOTES:

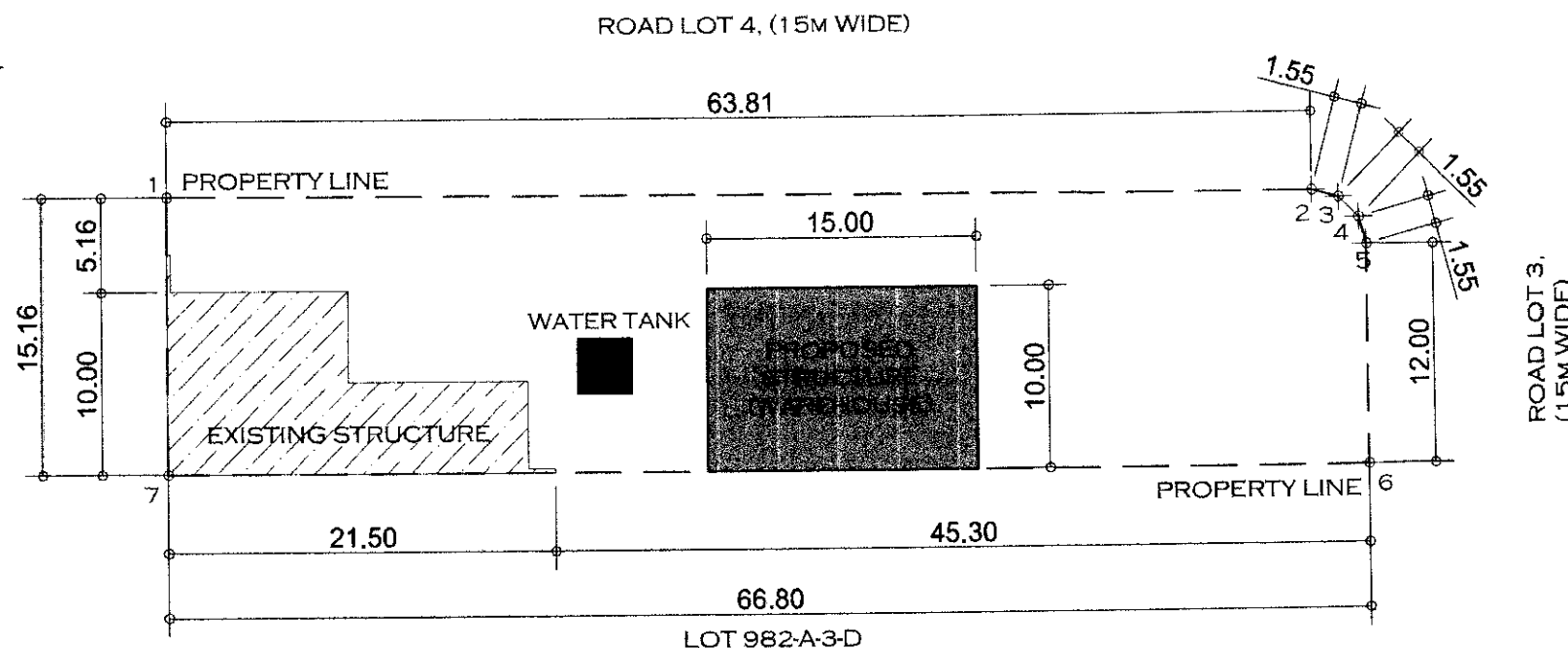
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS (EL.) ARE IN METERS.
3. ALL PARTS OF THE STRUCTURE UNLESS OTHERWISE SPECIFIED SHALL BE CONCRETE HAVING MINIMUM OF COMPRESSIVE STRENGTH OF 21.1 KSCM AT 28 DAYS.
4. REINFORCING BARS SHALL BE DEFORMED BILLET STEEL OF INTERMEDIATE GRADE (ASTM 615 OR PS 275 GRADE 40).
5. THE MAXIMUM SIZE OF AGGREGATES FOR CAST-IN PLACE CONCRETE SHALL NOT BE LARGER THAN 1/5 OF THE LEAST DIMENSIONS OF THE MEMBER NOR LARGER THAN 40MM. FOR PRECAST CONCRETE SHALL NOT BE LARGER THAN 1/3 OF THE LEAST DIMENSION OF THE MEMBER NOR LARGER THAN 20MM.
6. CONCRETE PROTECTION FOR REINFORCEMENT SHALL NOT BE LESS THE FOLLOWING.
 - A.) FROM THE GROUND CONTACT SURFACE OF CONCRETE FOOTINGS AND OTHER MEMBERS IN WHICH CONCRETE IS DEPOSITED AGAINST THE GROUND 7.5cm.
 - B.) FROM CONCRETE SURFACE EXPOSED TO WATER FLOW OR BE IN CONTACT WITH THE GROUND AFTER REMOVAL OF FORMS.
 - C.) FOR BARS LARGER THAN 16MM Ø 5cm.
 - D.) FOR BARS 16MM Ø AND SMALLER Ø 4cm.LAPPING OF BARS SHALL BE 24 BAR Ø FOR DEFORMED BARS AND 48 BAR Ø FOR PLAIN BARS SPLICES SHALL BE STAGGERED.
- E.) ALL BARS NOT OTHERWISE SPECIFIED SHALL BE 10MM Ø SPACED 30cm O.C. OR 12MM Ø SPACED 45cm ON CENTER.
- F.) MINIMUM DISTANCE BETWEEN PARALLEL BARS SHALL BE 5cm. DEFLECT REINFORCEMENTS AROUND GROUT PROJECT POCKETS AND RECESSES WHERE REQUIRED.
- G.) ALL EXPOSED EDGES SHALL BE ROUNDED OR CHAMBERED.
- H.) ALL BARS WHEN REQUIRED SHALL BE BENT COLD. HOOKS OR BENDS SHOWN IN THE DRAWING SHALL HAVE THE FOLLOWING DIMENSIONS.

4 BAR Ø BUT NOT LESS THAN 65MM



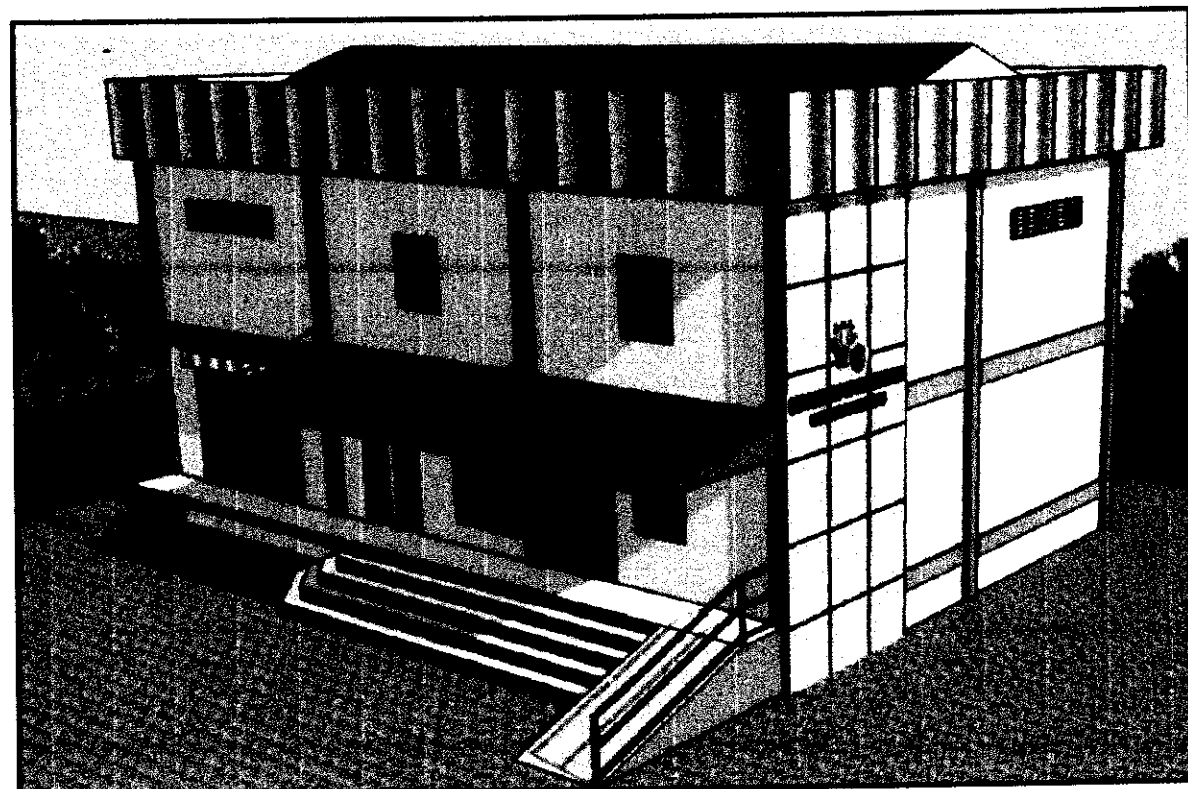
R = 2 1/2 BAR Ø FOR 10MM Ø OR 16MM Ø BARS
R = 3 BAR Ø FOR 20MM Ø 22MM Ø OR 25MM Ø BARS

LOT 2, BLOCK 3



SITE DEVELOPMENT PLAN

SCALE 1:400MTS



PERSPECTIVE VIEW

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REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING OFFICIALS

LAND USE AND ZONING

LINES AND GRADES


ARCHITECTURAL

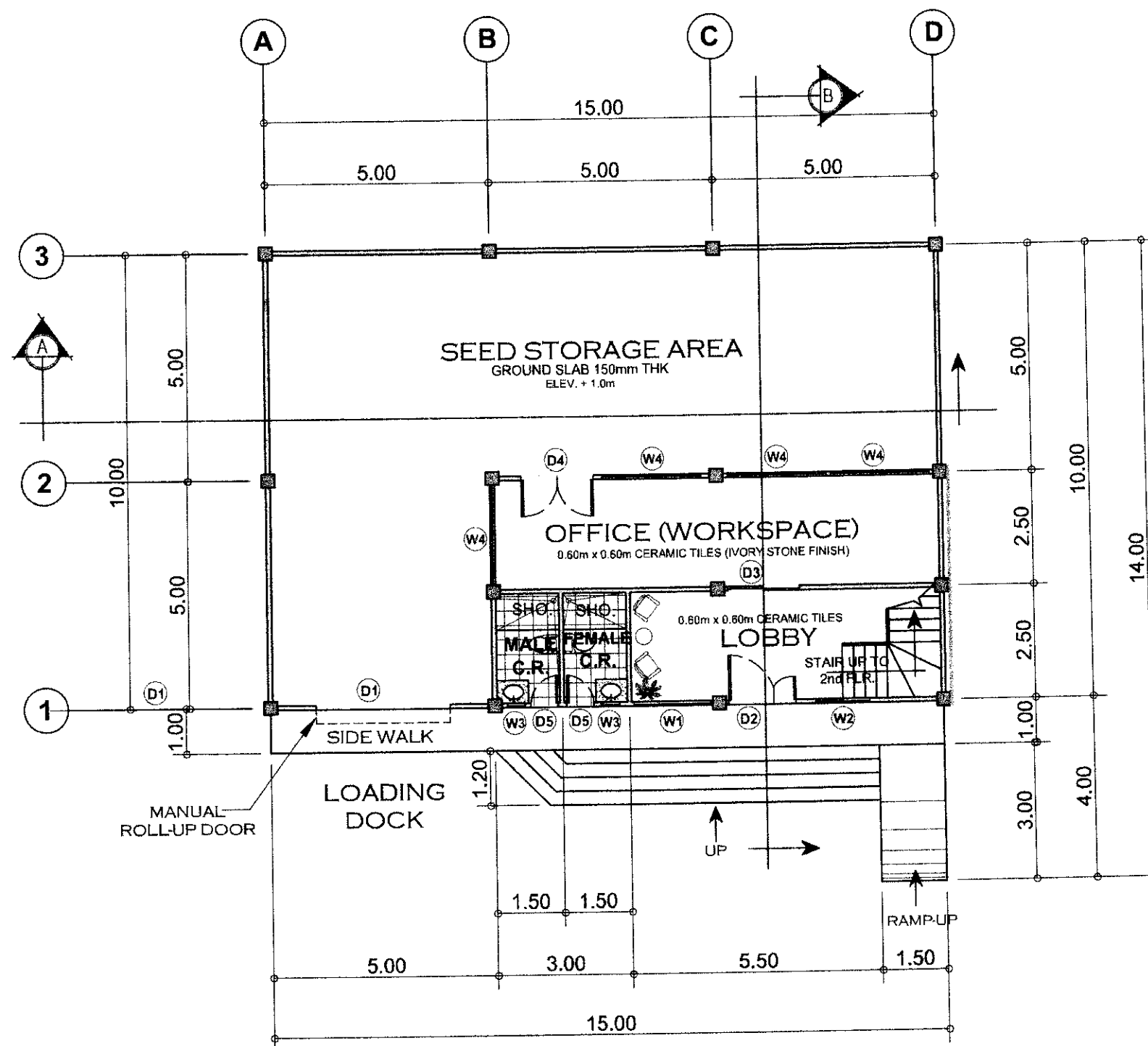
STRUCTURAL

SANITARY / PLUMBING

ELECTRICAL

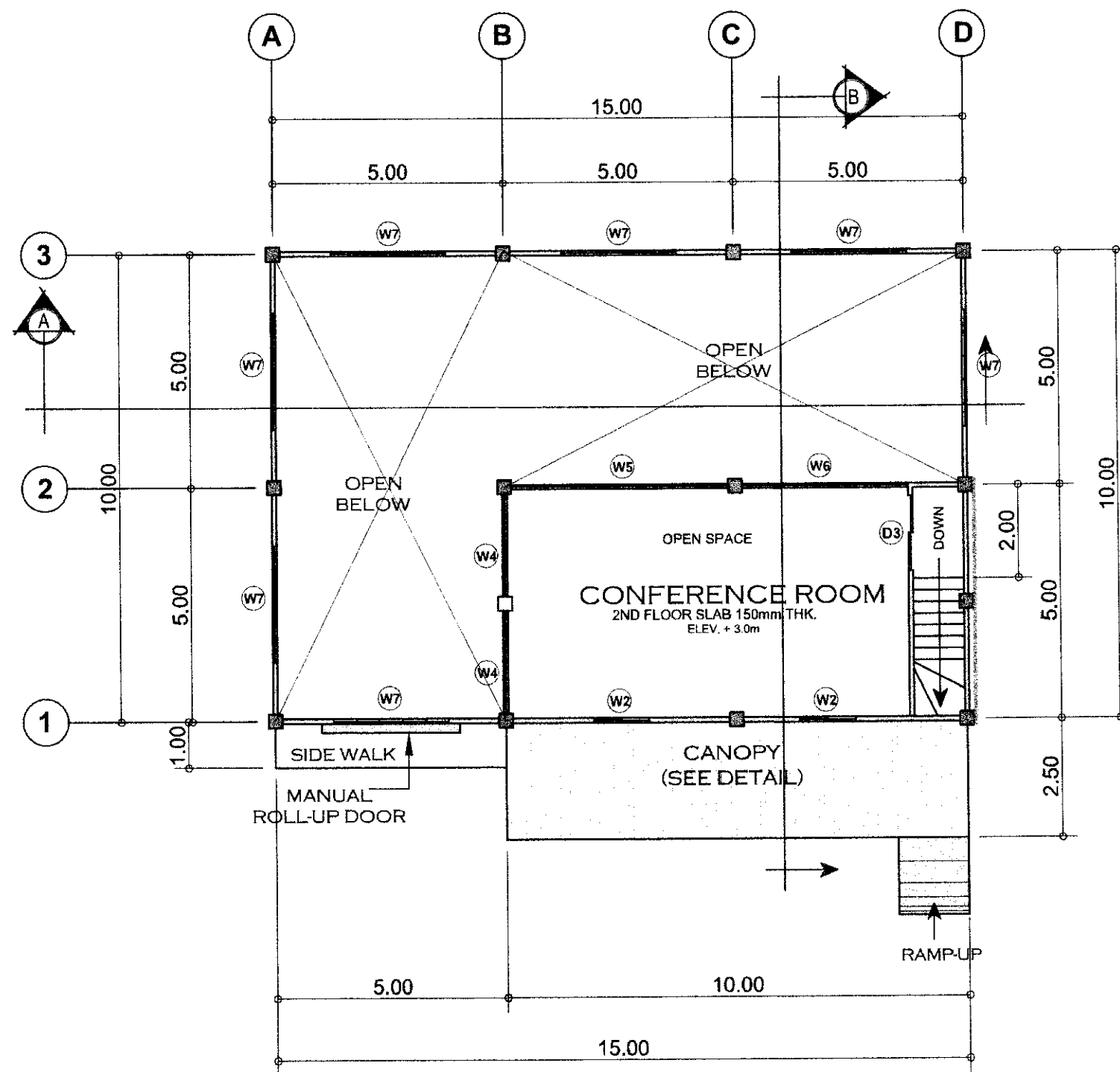
MECHANICAL

IMPLEMENTING AGENCY	PROJECT NAME & LOCATION	SHEET CONTENTS:	PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, BACOLO CITY	ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE) LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.	AS SHOWN	MARION JOSEPH C. TAGLE, ABE Engineer I (ABE NO. 008589)	YVONNE GRACE H. SUR, ABE Engineer III (ABE NO. 0005970) Head, Engineering Plans, Designs, and Specifications Section	MOISES D. MANA-AY, ABE, MEE Engineer IV (ABE No. 006077) OIC Chief, R.A.E.D.	DOMINADOR A. MARQUEZ, MPA OIC-RTD for Operations & Extension	1 A PAGE NO.: 1 19


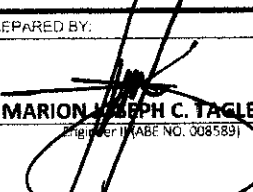
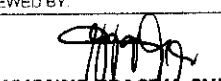
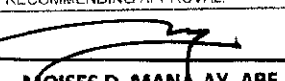



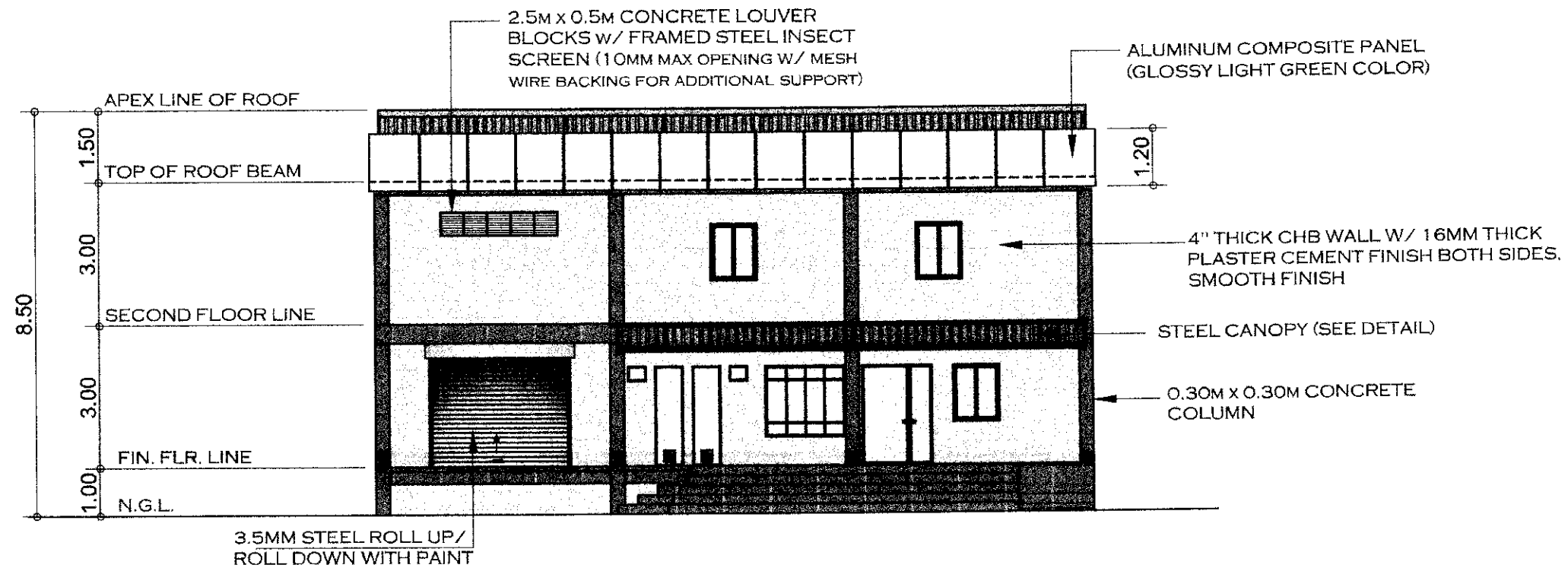
GROUND FLOOR PLAN
SCALE 1:100MTS

<p>IMPLEMENTING AGENCY</p> <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE</p> <p>WESTERN VISAYAS PAROLA, ILOILO CITY</p>	<p>PROJECT NAME & LOCATION</p> <p>ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE)</p> <p>LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.</p>	<p>SHEET CONTENTS:</p> <p>AS SHOWN</p>	<p>PREPARED BY:</p> <p>MARION JOSEPH C. TAGLE, ABE Engineer II (ABE NO. 008589)</p>	<p>REVIEWED BY:</p> <p>YVONNE GRACE H. SUR, ABE Engineer III (ABE NO. 0005970) Head, Engineering Plans, Designs, and Specifications Section</p>	<p>RECOMMENDING APPROVAL:</p> <p>MOISES D. MANA-AY, ABE, MEE Engineer IV (ABE NO. 006077) OIC Chief, BAED</p>	<p>APPROVED BY:</p> <p>DOMINADOR A. MARQUEZ, MPA OIC-RTD for Operations & Extension</p>	<p>SHEET NO. 2 PAGE NO. 19</p>
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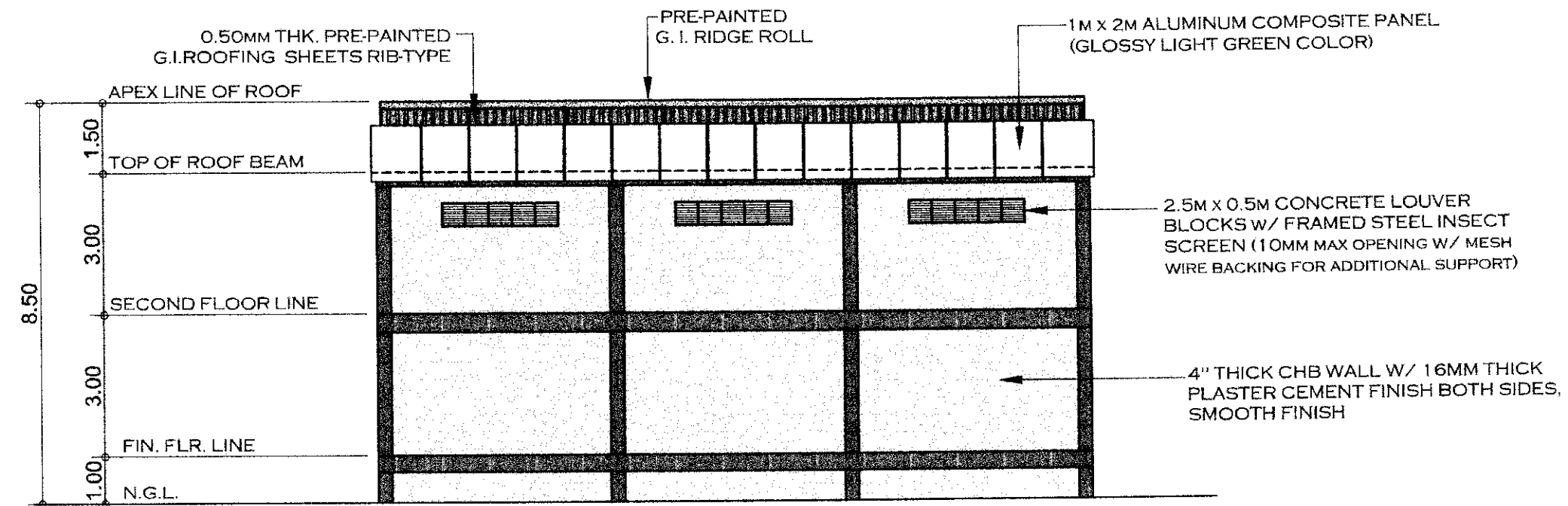


SECOND FLOOR PLAN
SCALE 1:100MTS


IMPLEMENTING AGENCY  REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY	PROJECT NAME & LOCATION ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE) LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.	SHEET CONTENTS: AS SHOWN	PREPARED BY:  MARION JOSEPH C. TAGLE, ABE <small>Engineer III (ABE NO. 008589)</small>	REVIEWED BY:  YVONNE GRACE W. SUR, ABE <small>Engineer III (ABE NO. 0005970)</small> Head, Engineering Plans, Designs, and Specifications Section	RECOMMENDING APPROVAL:  MOISES D. MANA-AY, ABE, MEE <small>Engineer IV (ABE NO. 006077)</small> OIC Chief, R&ED	APPROVED BY:  DOMINADOR A. MARQUEZ, MPA <small>OIC-RTD for Operations & Extension</small>	SHEET NO.: 3 A PAGE NO.: 3 19
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FRONT VIEW ELEVATION
SCALE 1:100MTS



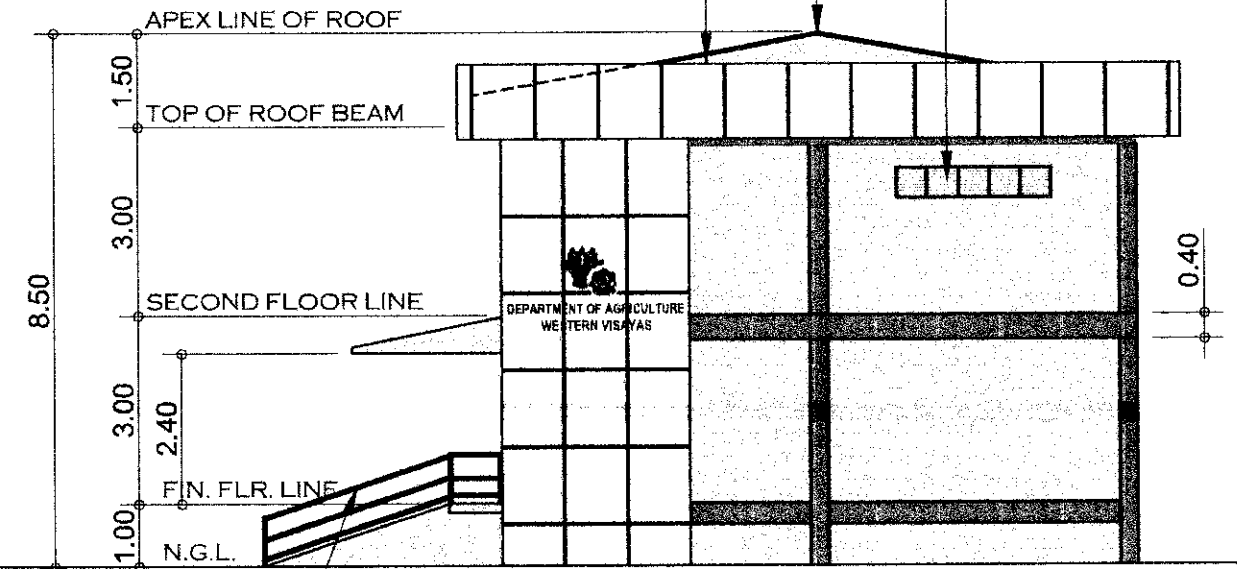
REAR VIEW ELEVATION
SCALE 1:100MTS

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 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA LORO CITY	ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE) LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.	AS SHOWN	MARION JOSEPH C. TAGLE, ABE Engineer II (ABE NO. 008589)	YVONNE GRACE M. SUR, ABE Engineer III (ABE NO. 0005970) Head, Engineering Plans, Designs, and Specifications Section	MOISES D. MANAYAY, ABE, MEE Engineer IV (ABE NO. 006077) OIC Chief, R&D	DOMINADOR A. MARQUEZ, MPA OIC-RTD for Operations & Extension	4 A PAGE NO: 4 19

ALUMINUM COMPOSITE PANEL

PROVIDE 0.50MM END FLASHING
(PER-PAINTED)

2.5M x 0.5M CONCRETE LOUVER
BLOCKS W/ FRAMED STEEL INSECT
SCREEN (10MM MAX OPENING W/ MESH
WIRE BACKING FOR ADDITIONAL SUPPORT)



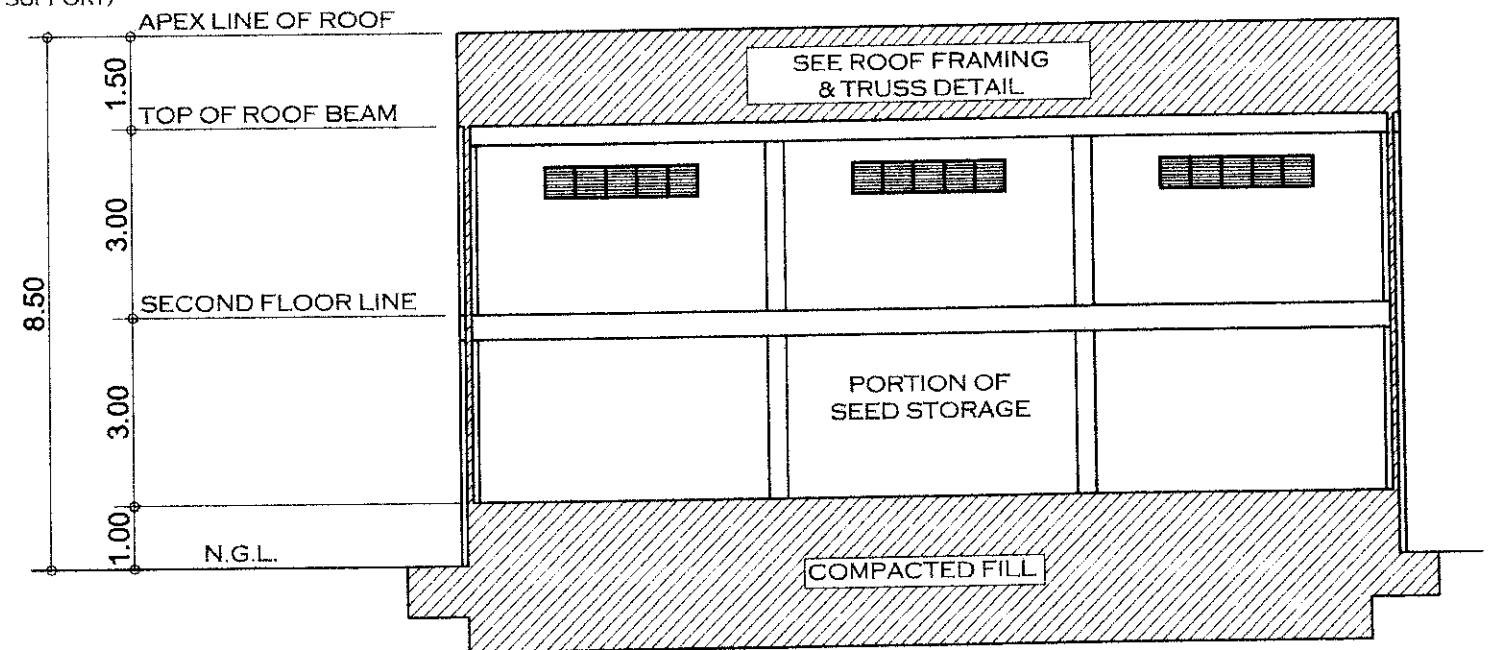
1" x 2" RECTANGULAR BAR
(HANDRAIL) W/ 1" x 1" TUBULAR
BAR (RAILINGS)



RIGHT SIDE ELEVATION

SCALE

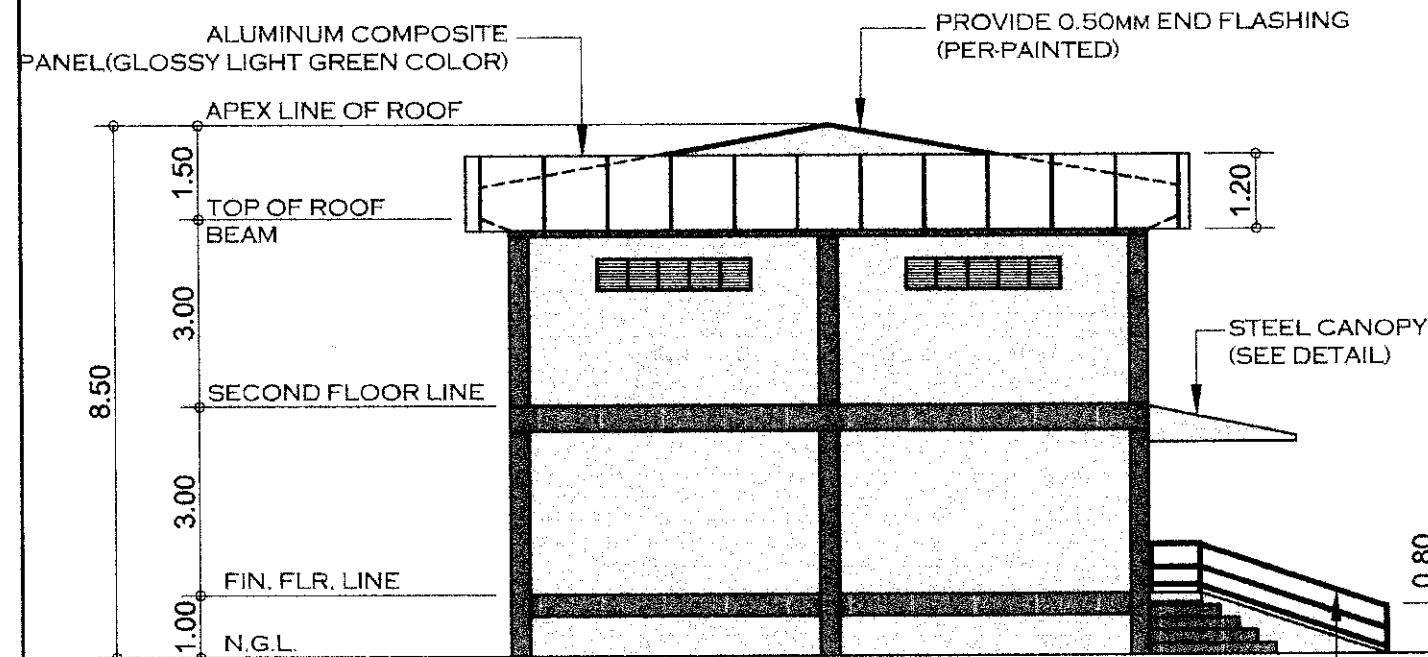
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CROSS SECTION THRU 'A-A'

SCALE

1:100MTS

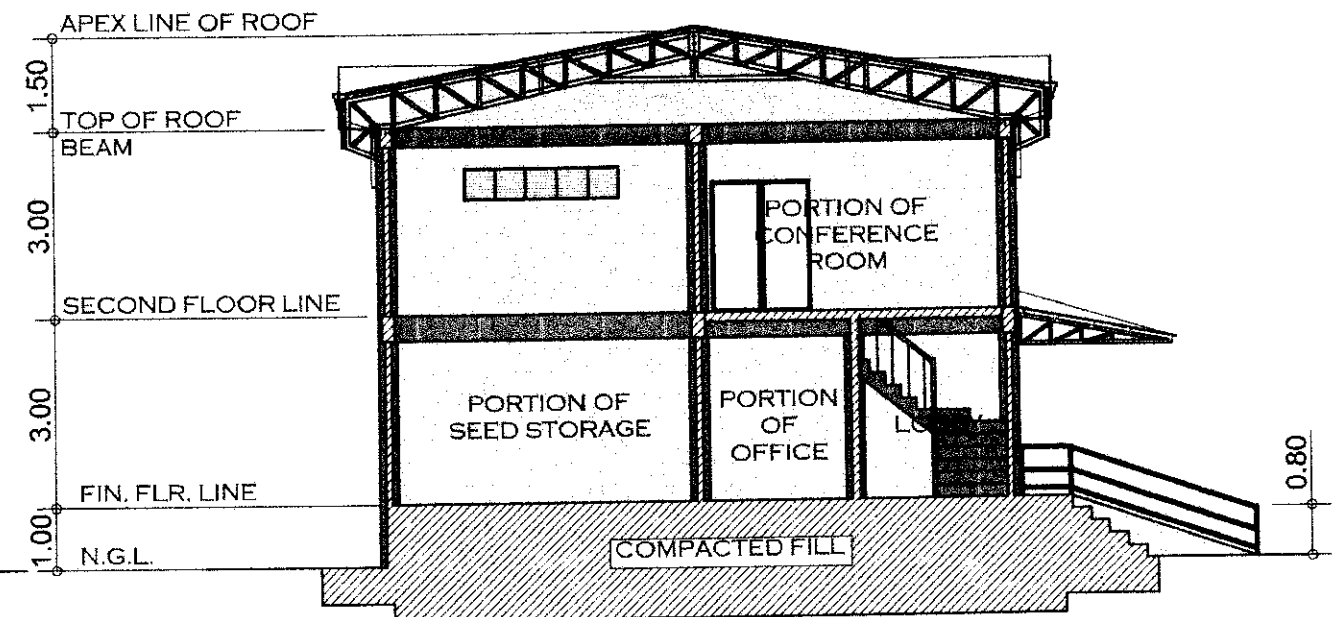


LEFT SIDE ELEVATION

SCALE

1:100MTS


1" x 2" RECTANGULAR BAR
(HANDRAIL) W/ 1" x 1" TUBULAR
BAR (RAILINGS)

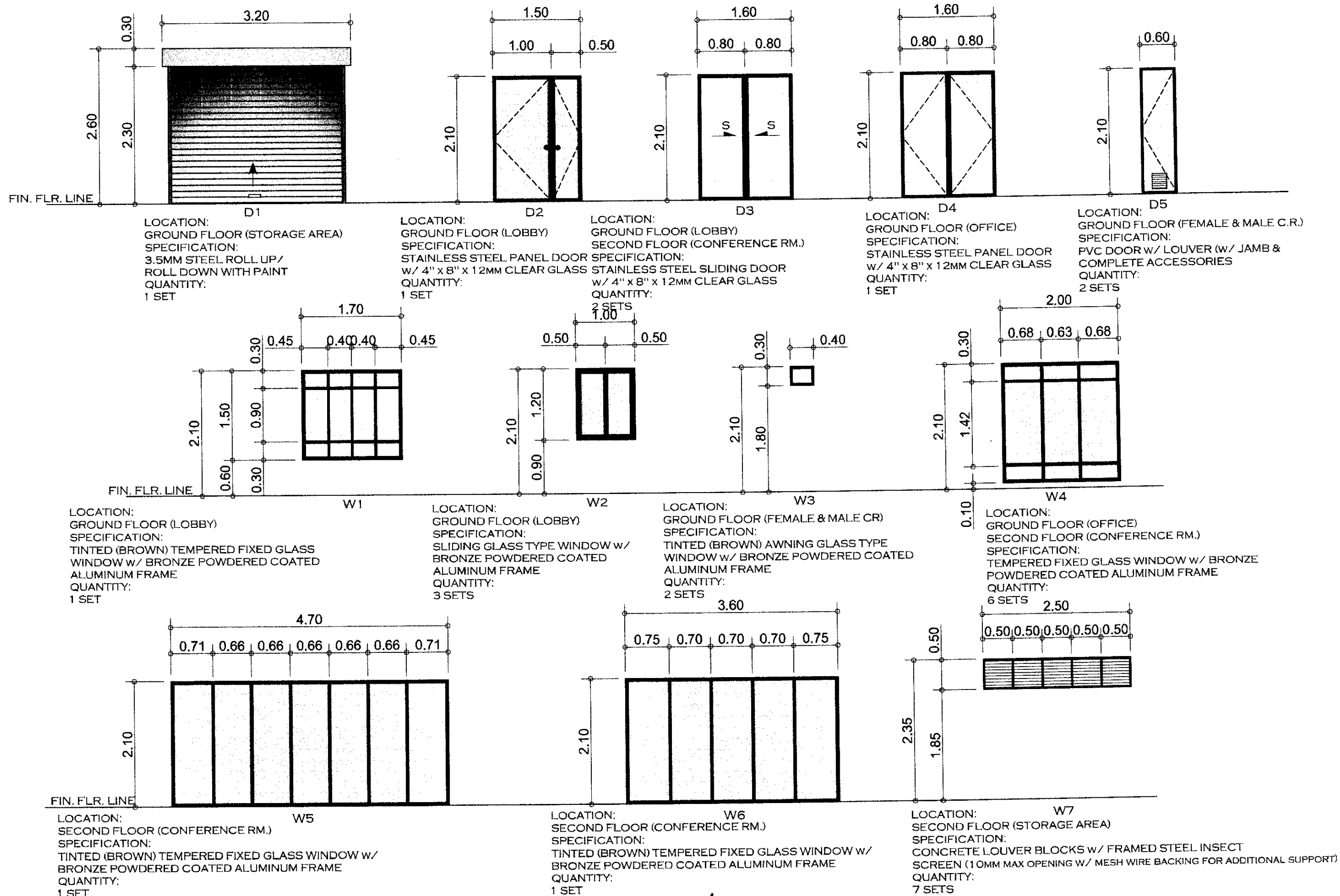


CROSS SECTION THRU 'B-B'

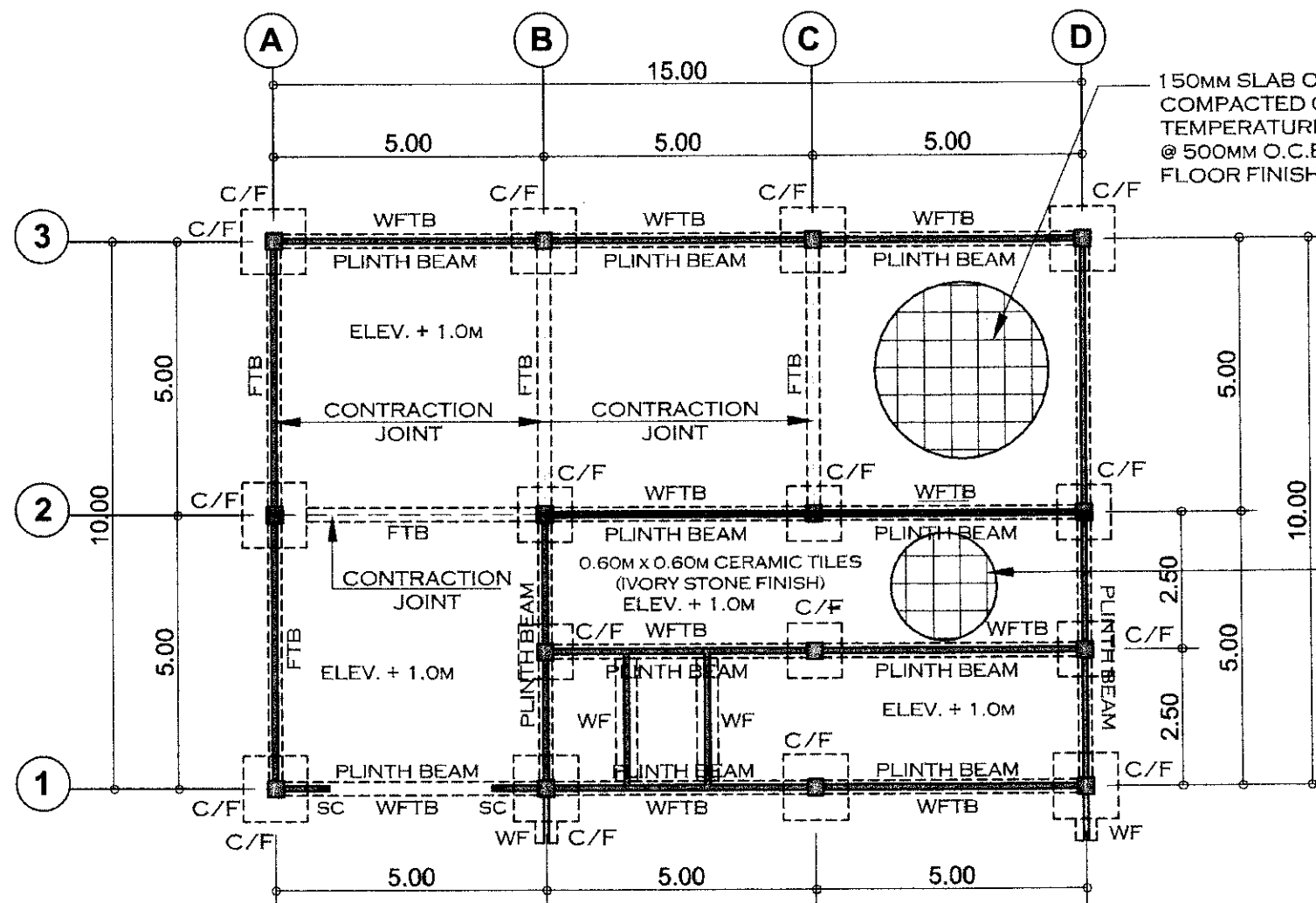
SCALE

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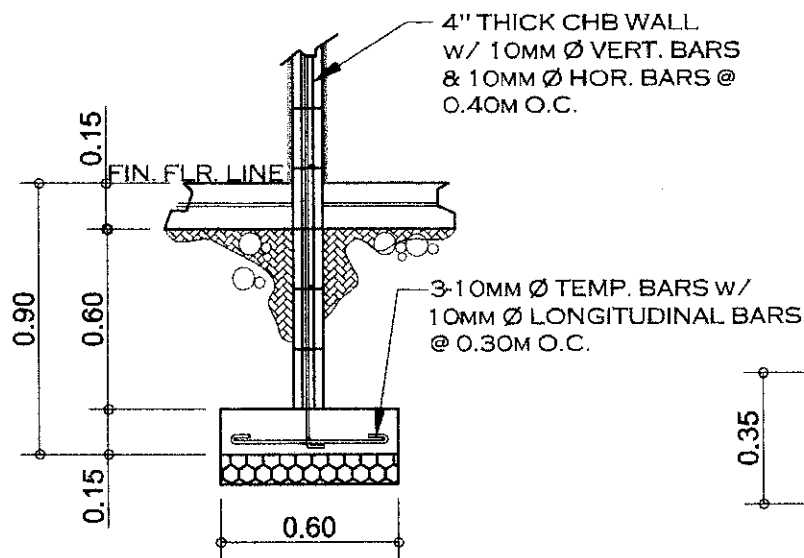
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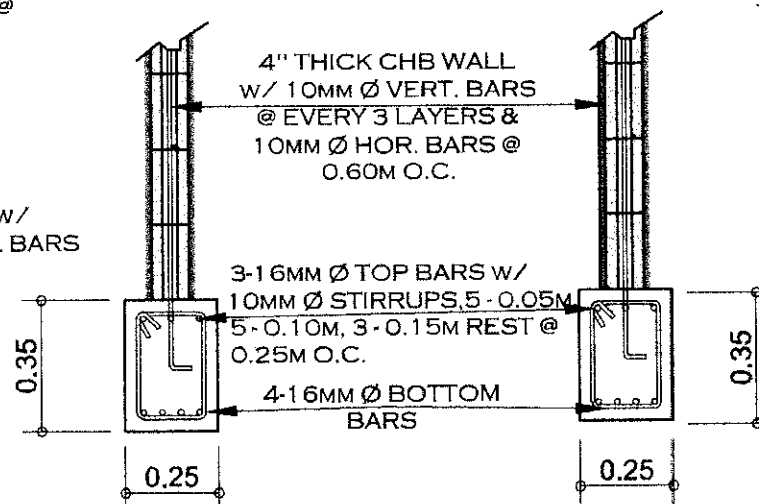
IMPLEMENTING AGENCY REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY	PROJECT NAME & LOCATION ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE)	SHEET CONTENTS: AS SHOWN	PREPARED BY: MARION JOSEPH C. TAGLE, ABE <small>Engineer II (ABE NO. 008589)</small>	REVIEWED BY: YVONNE GRACE H. SUR, ABE <small>Engineer III (ABE NO. 0005970) Head, Engineering Plans, Designs, and Specifications Section</small>	RECOMMENDING APPROVAL: MOISES D. MANAY, ABE, MEE <small>Engineer IV (ABE NO. 006077) OIC Chief, MAED</small>	APPROVED BY: DOMINADOR A. MARQUEZ, MPA <small>OIC-RTD for Operations & Extension</small>	SHEET NO.: 6 A PAGE NO.: 6 19
	LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.		CAD BY:				



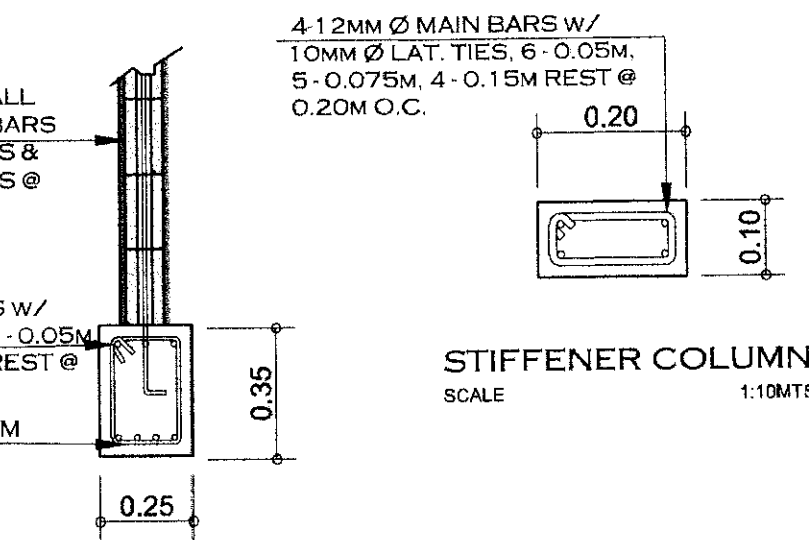
FOUNDATION PLAN
SCALE 1:120MTS



WALL FOOTING DETAIL
SCALE 1:25MTS

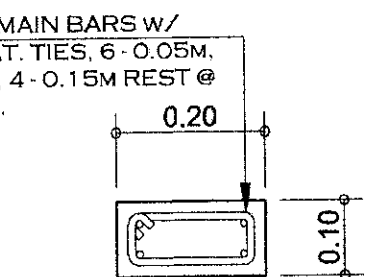


WALL ON FTB DETAIL
SCALE 1:20MTS

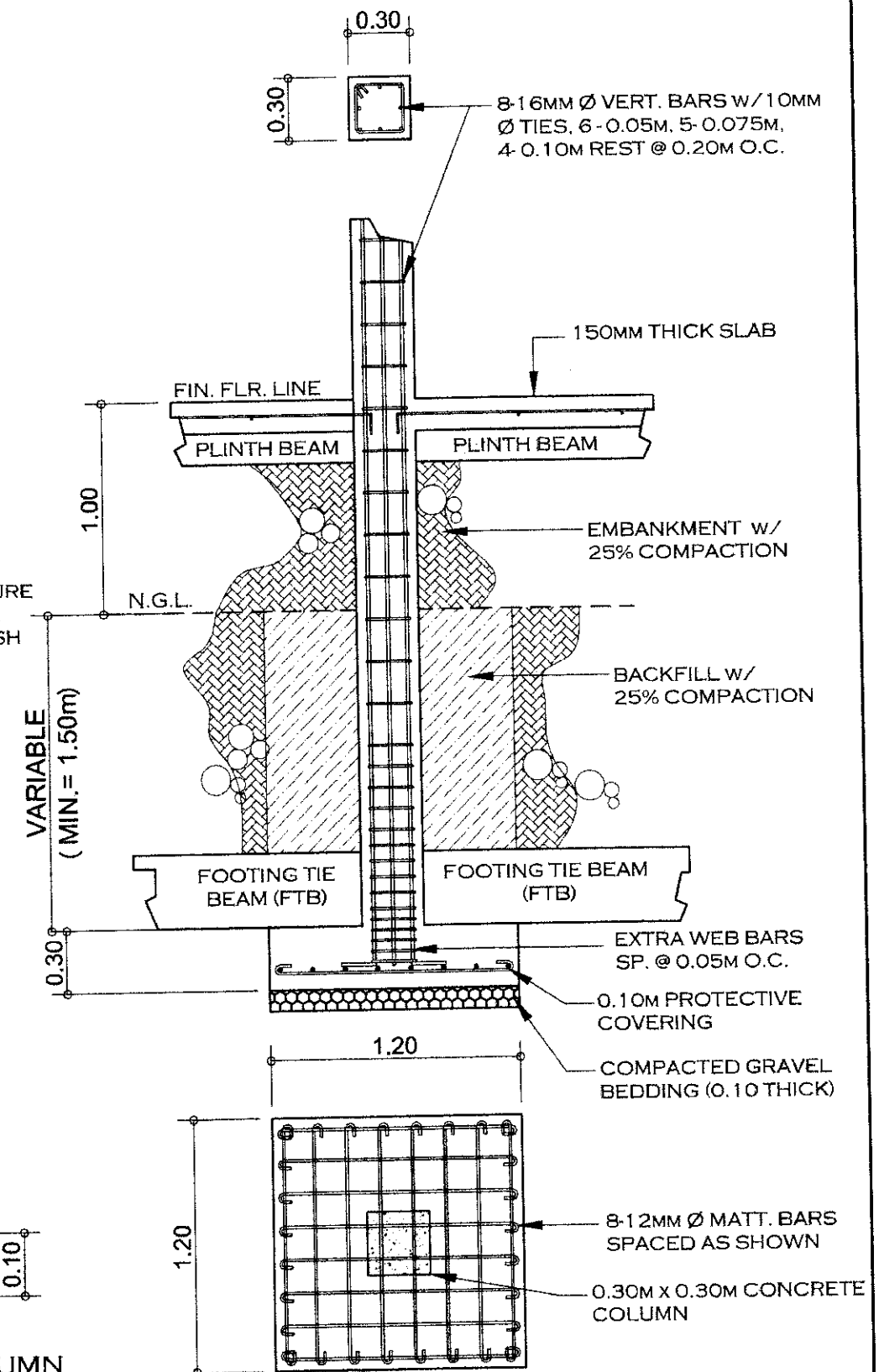


PLINTH DETAIL
SCALE 1:20MTS

150MM SLAB ON GRADE w/
100MM COMPACTED GRAVEL
BEDDING & 10MM Ø TEMPERATURE
BAR SPACED @ 500MM O.C.B.W.
SMOOTH CEMENT FLOOR FINISH

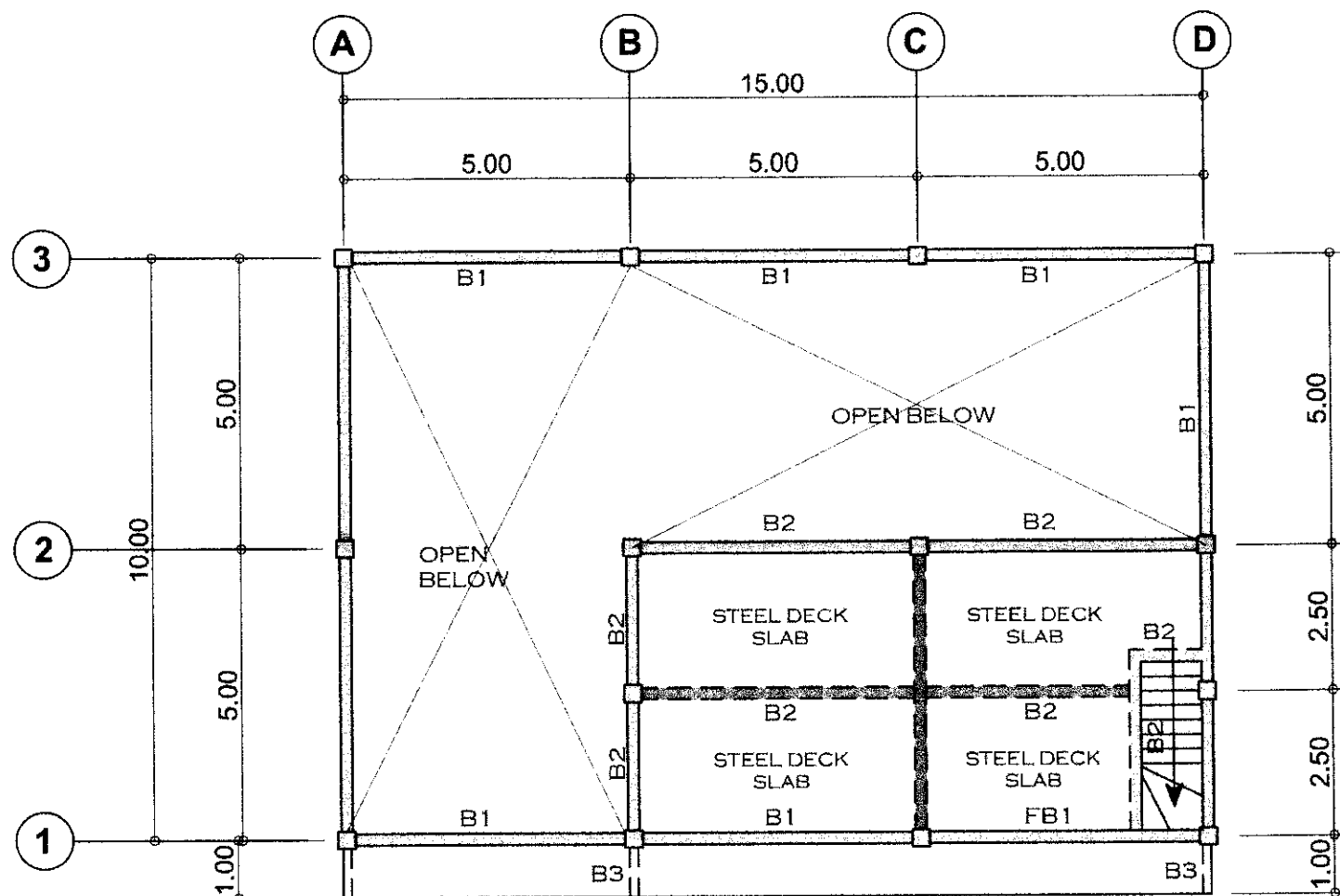


STIFFENER COLUMN
SCALE 1:10MTS

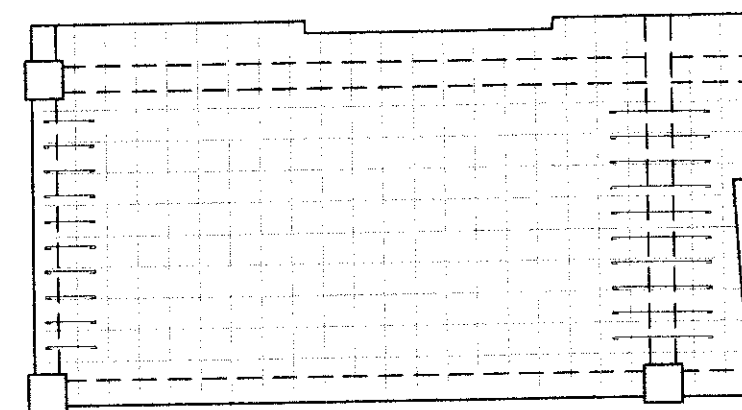


COLUMN/ FOOTING DETAIL
SCALE 1:30MTS

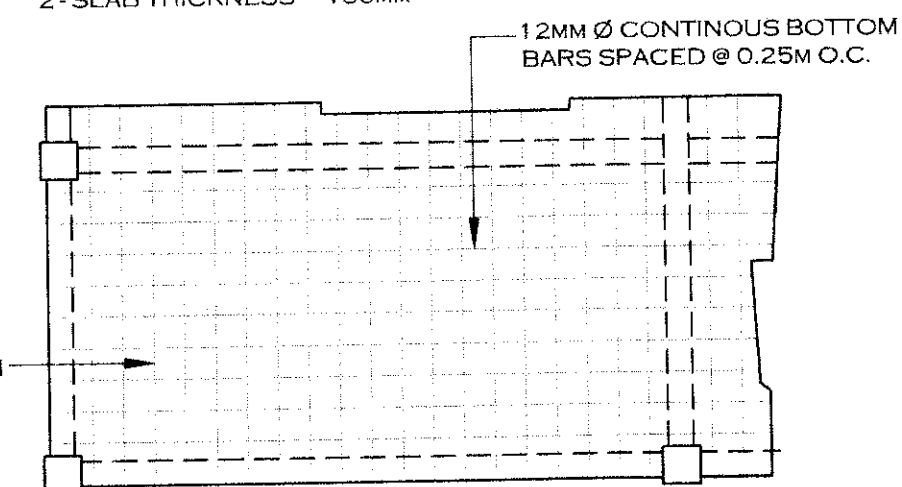
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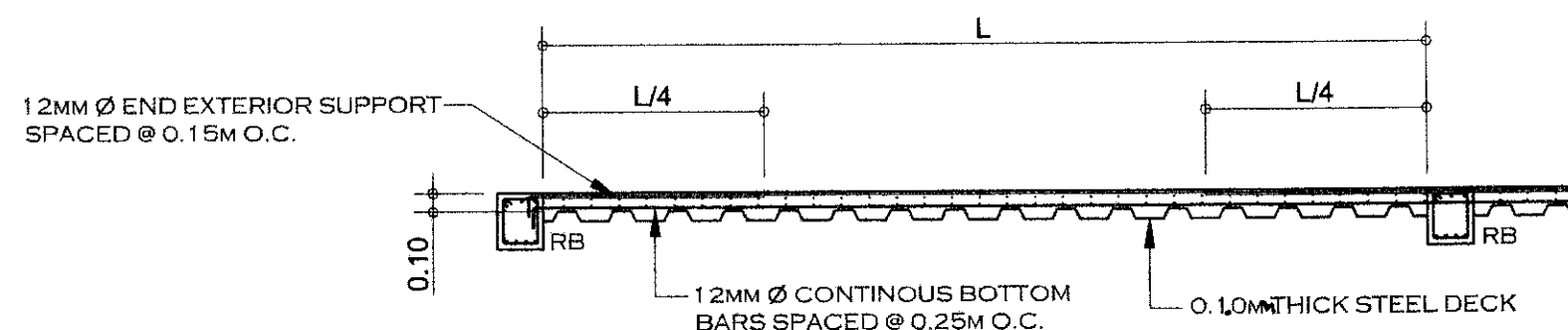
BEAM (1) LAYOUT
SCALE 1:120MTS




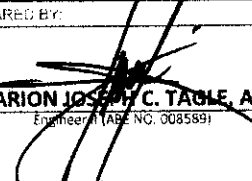
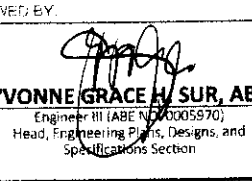
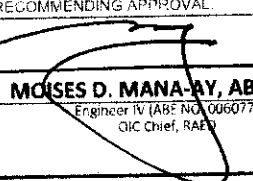
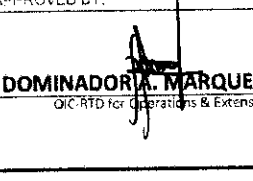
NOTE:
1 - TEMPERATURE & TOP BARS SHOULD BE PLACED AT 20MM FROM TOP OF SLAB
2 - SLAB THICKNESS = 150MM

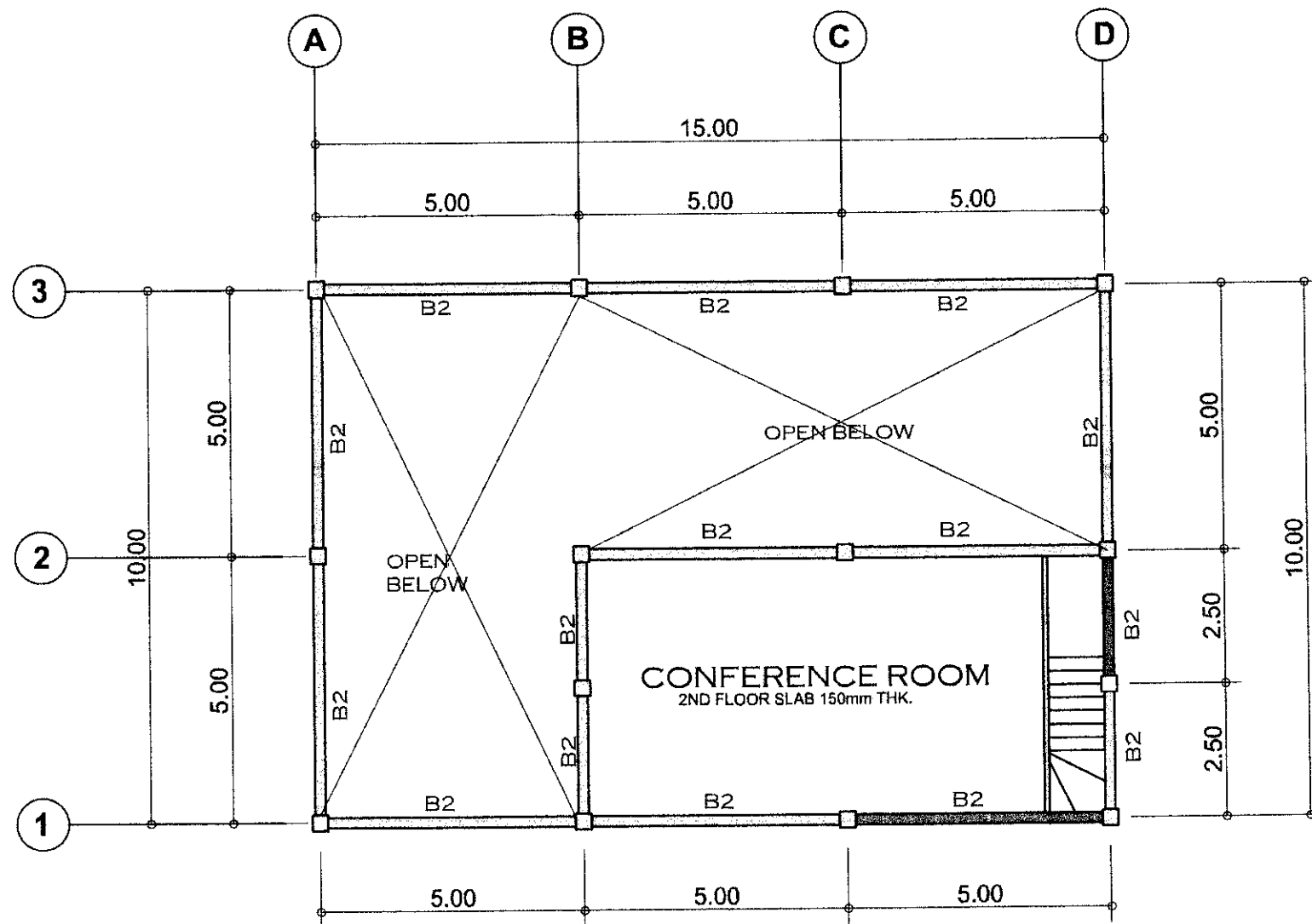


TYP. STEEL DECK FLOORING DETAIL
SCALE 1:60MTS

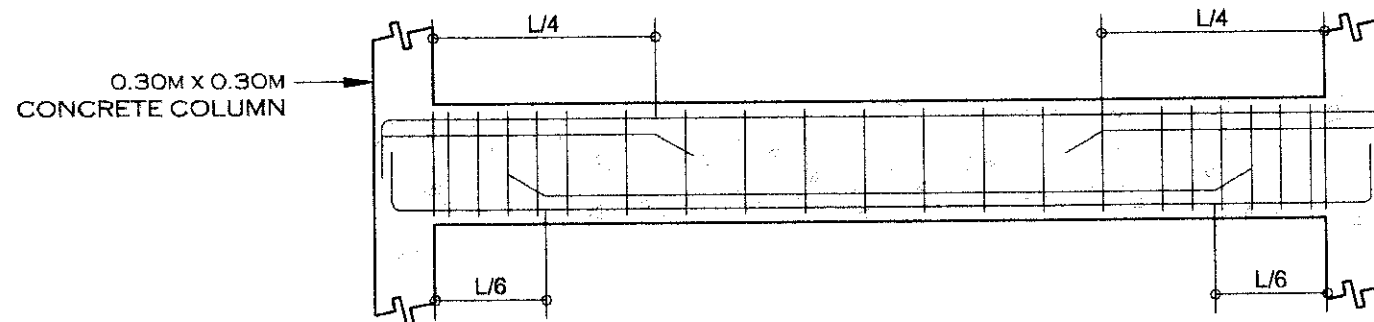


TYP. STEEL DECK SLAB SECTION DETAIL
SCALE 1:40MTS

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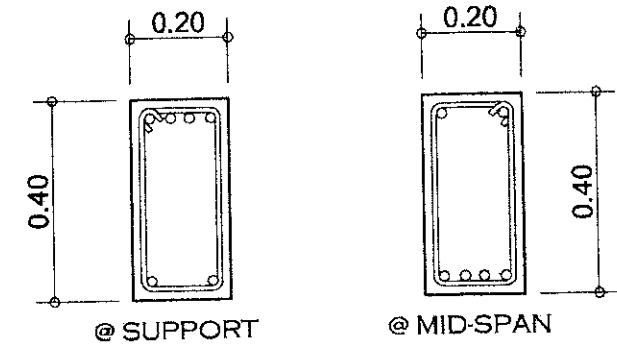


BEAM (2) LAYOUT
SCALE 1:120MTS



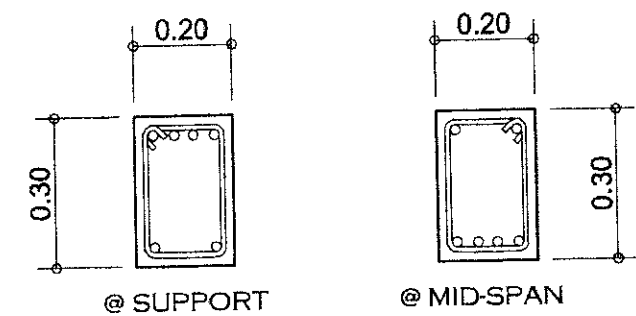
TYPICAL CUT-OFF POINTS
SCALE 1:25MTS

USE 6-16 MM Ø MAIN BARS W/ 10MM Ø
STIRRUPS 5-0.05M, 5-0.10M, 3-0.15M
REST @ 0.25M O.C.



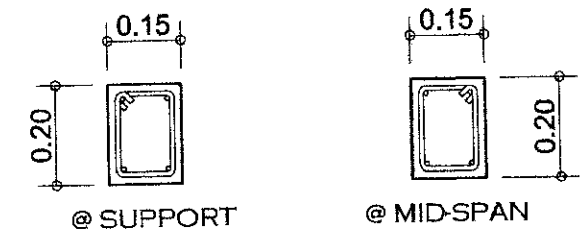
BEAM 1 DETAIL
SCALE 1:15MTS

USE 6-16 MM Ø MAIN BARS W/ 10MM Ø
STIRRUPS 5-0.05M, 5-0.10M, 3-0.15M
REST @ 0.25M O.C.

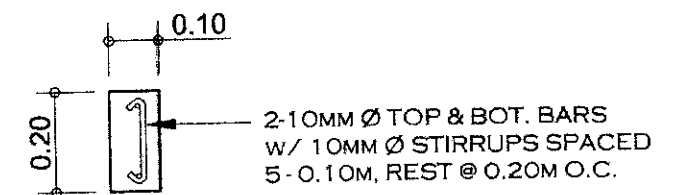


BEAM 2 DETAIL
SCALE 1:15MTS


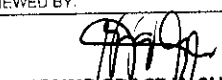
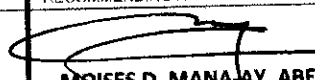

USE 4-12 MM Ø MAIN BARS W/ 10MM Ø
STIRRUPS SPACED @ 0.10M O.C.

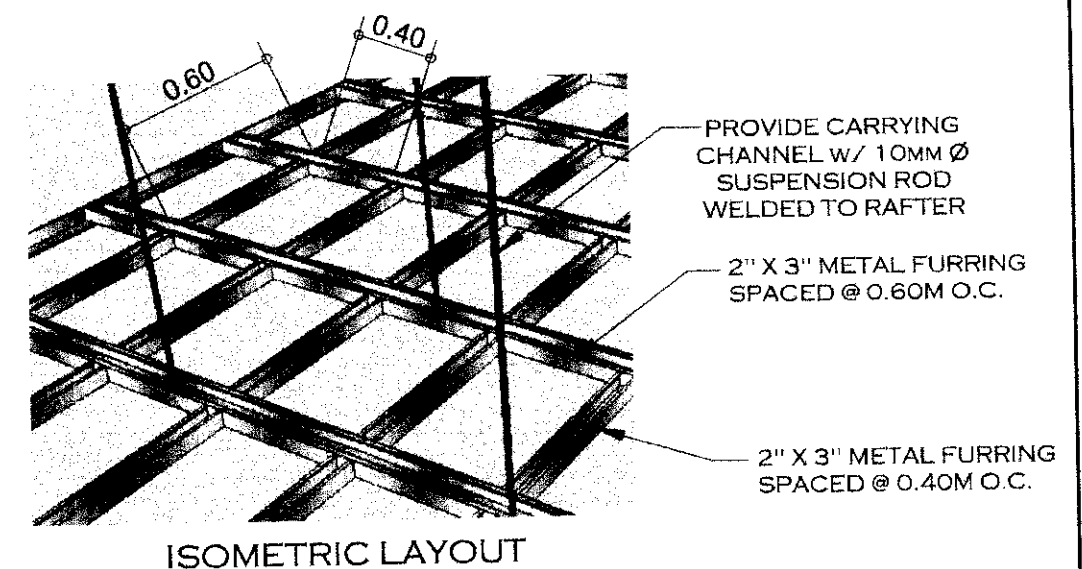
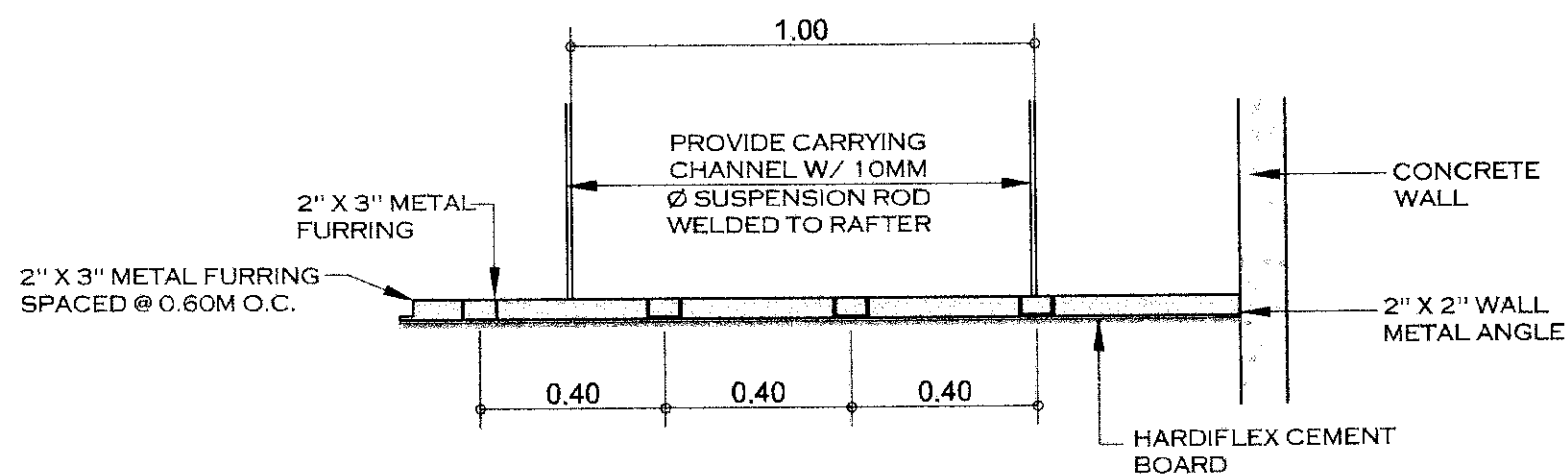
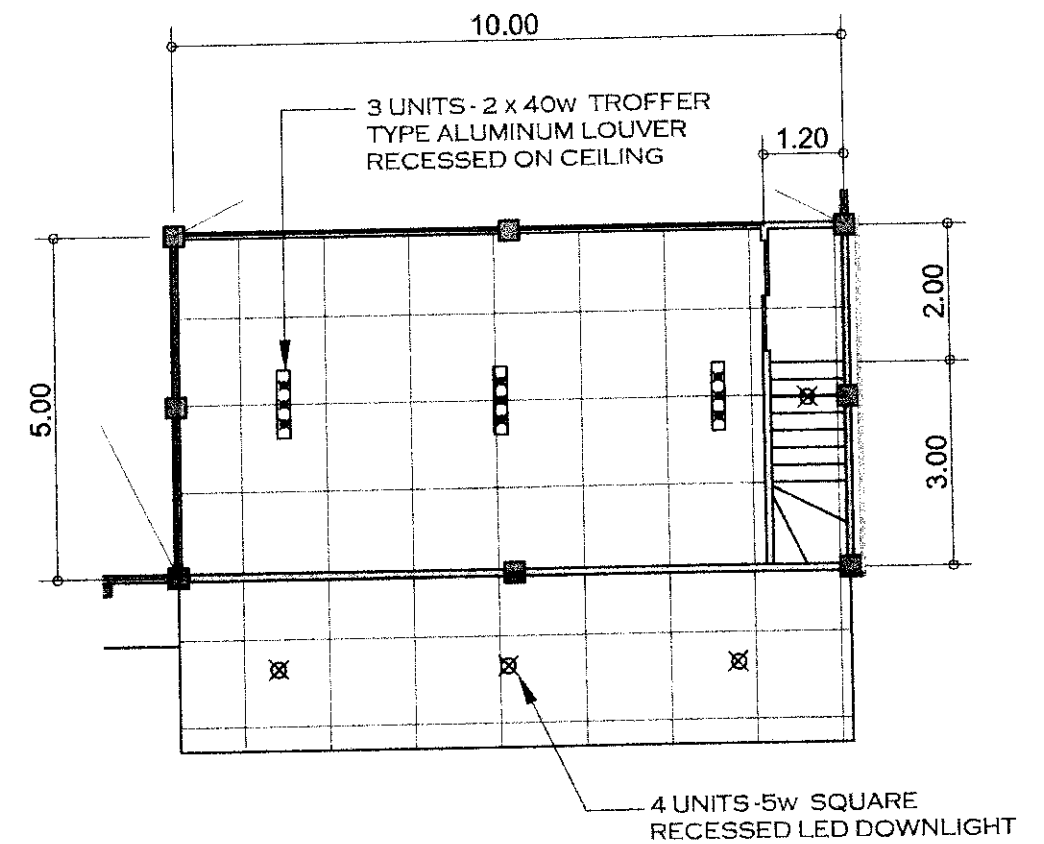
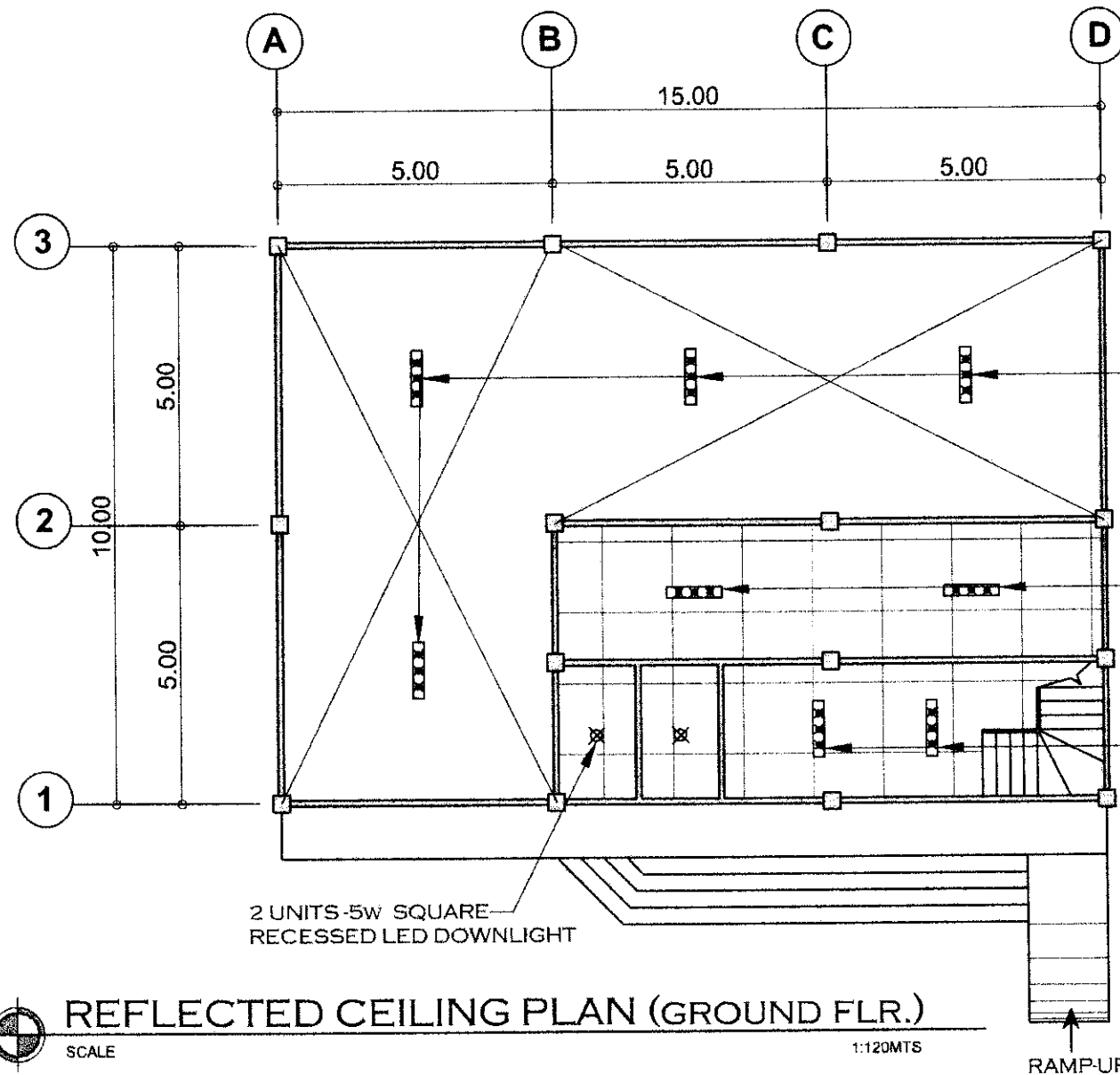



BEAM 3 DETAIL
SCALE 1:15MTS

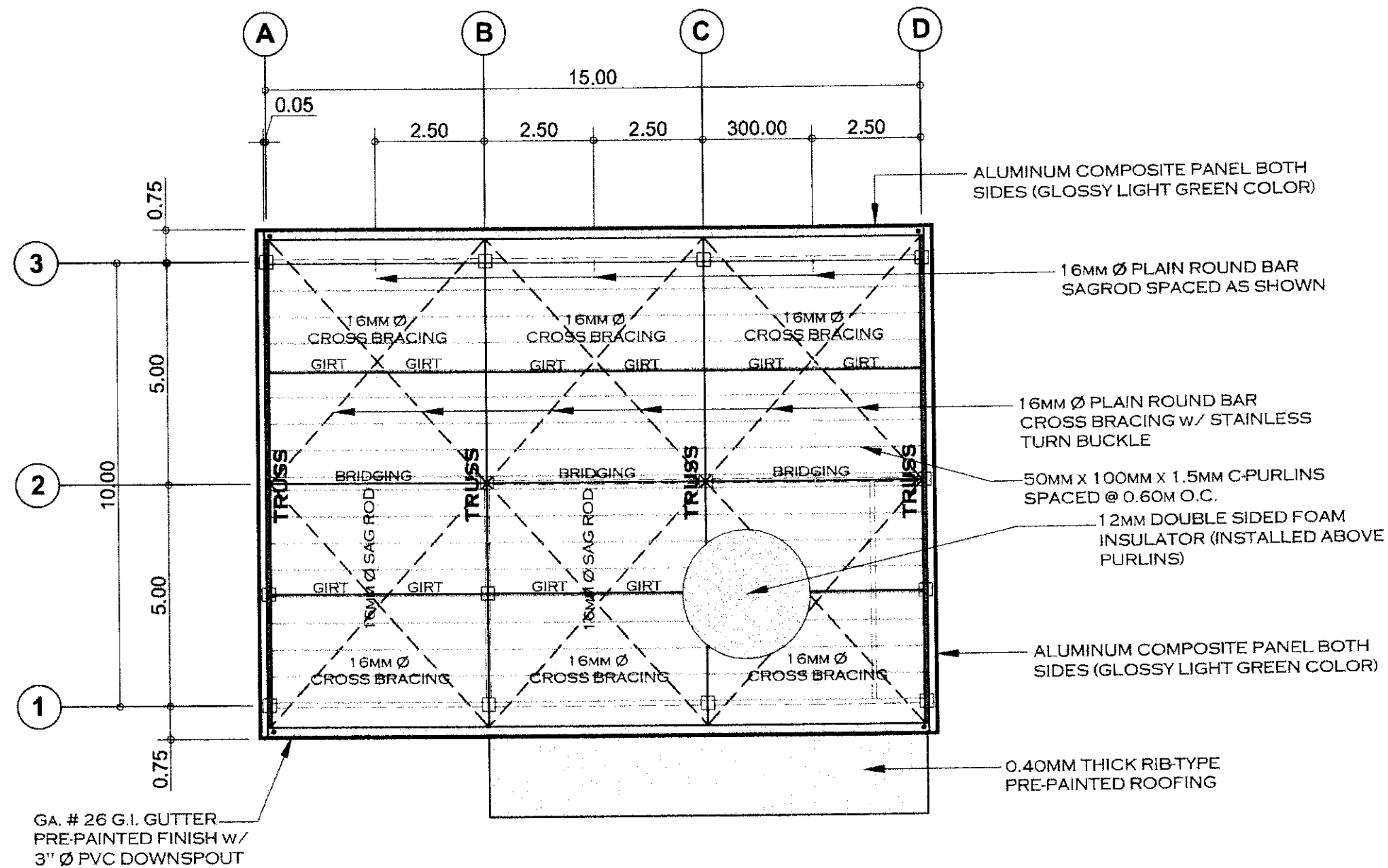


LINTEL BEAM DET.
SCALE 1:15MTS

IMPLEMENTING AGENCY	PROJECT NAME & LOCATION	SHEET CONTENTS:	PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL	APPROVED BY:	SHEET NO.:
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY	ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE) LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.	AS SHOWN	MARION JOSEPH C. FABLE, ABE Engineer II (ABE NO. 008589)	 YVONNE GRACE W. SUR, ABE Engineer III (ABE NO. 0005970) Head, Engineering Plans, Designs, and Specifications Section	 MOISES D. MANAY, ABE, MEE Engineer IV (ABE NO. 006077) OIC Chief, RAED	 DOMINADOR A. MARQUEZ, MPA OIC-RTD for Operations & Extension	3 S 9 19




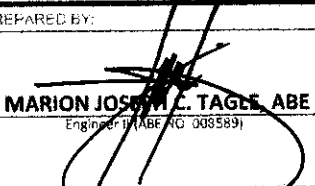
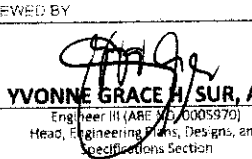
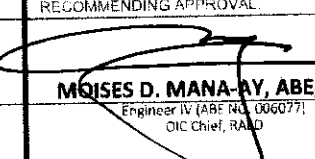
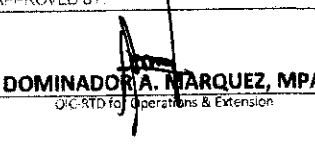
IMPLEMENTING AGENCY	PROJECT NAME & LOCATION	SHEET CONTENTS	PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL	APPROVED BY:	SHEET NO.
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PALOLA, ILOILO CITY	ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE) LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.	AS SHOWN	MARION JOSEPH C. TAGLE, ABE Engineer (ABE NO. 008589)	YVONNE GRACE A. SUR, ABE Engineer III (ABE NO. 0005970) Head, Engineering Plans, Designs, and Specifications Section	MOISES D. MANA-AY, ABE, MEE Engineer IV (ABE NO. 006077) OIC Chief, RAED	DOMINADOR A. MARQUEZ, MPA OIC-RTD for Operations & Extension	4 S PAGE NO.: 10 19
		CAD BY:					

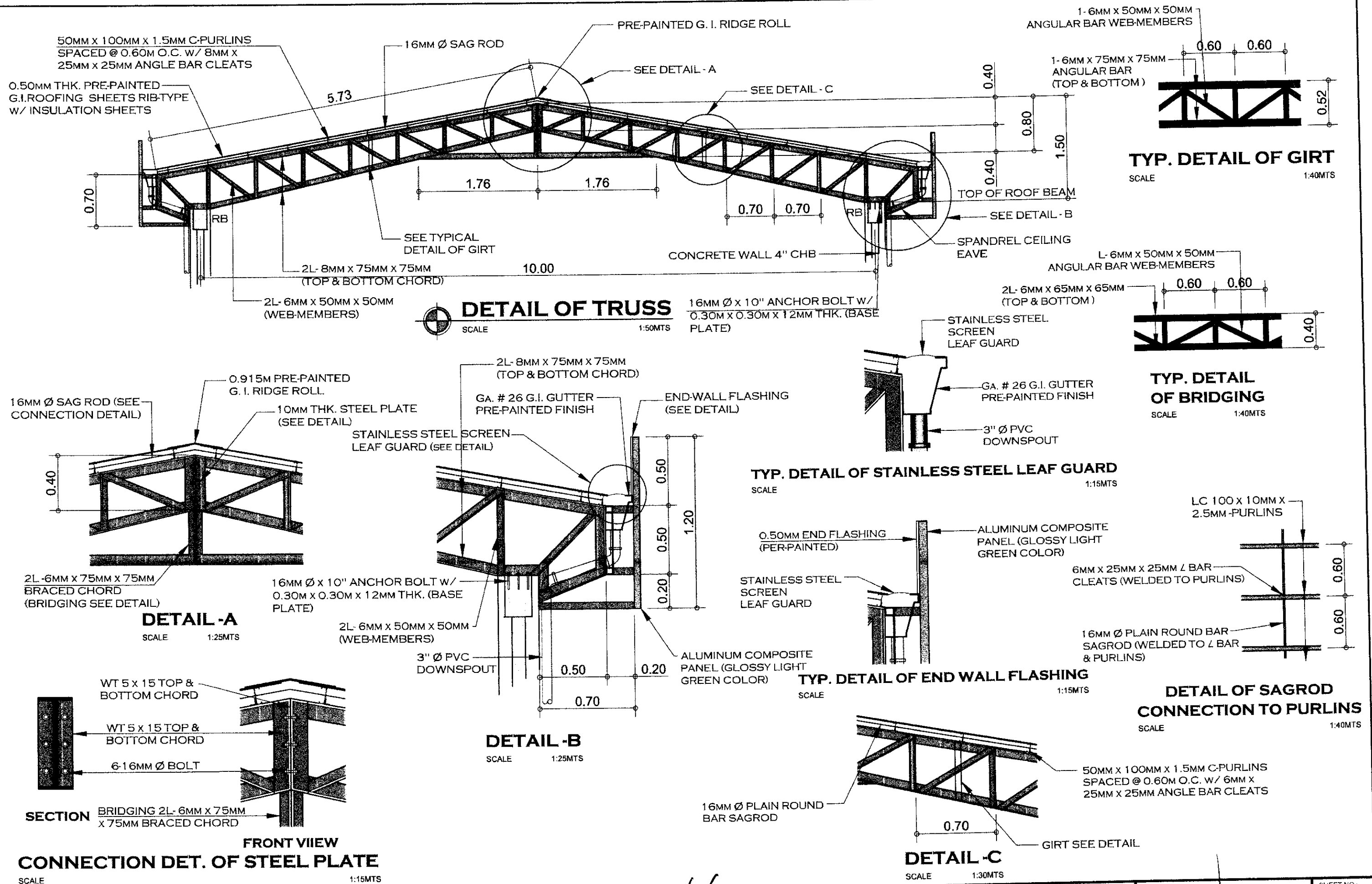



ROOF FRAMING PLAN

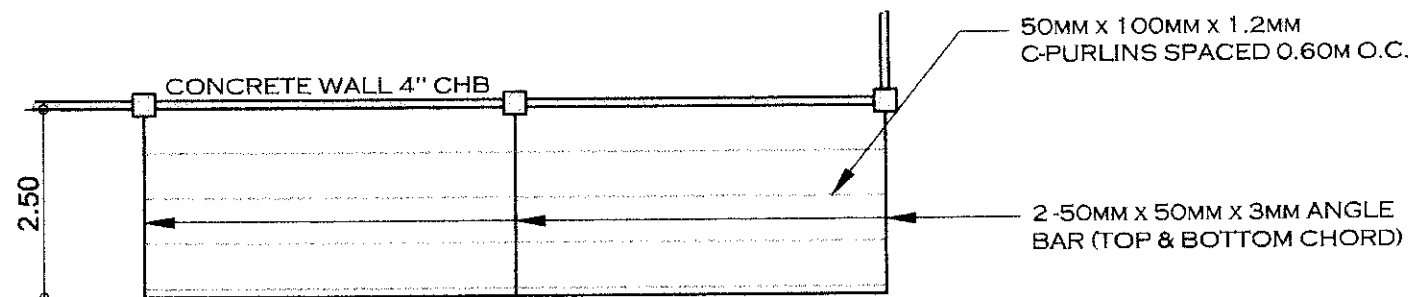
SCALE

1:100MTS

IMPLEMENTING AGENCY  REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS BACOLOD CITY	PROJECT NAME & LOCATION ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE) LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.	SHEET CONTENTS AS SHOWN CAD BY:	PREPARED BY:  MARION JOSEPH C. TAGLE, ABE Engineer IV (ABE REG. 008589)	REVIEWED BY:  YVONNE GRACE H. SUR, ABE Engineer III (ABE REG. 0005870) Head, Engineering Plans, Designs, and Specifications Section	RECOMMENDING APPROVAL  MOISES D. MANA-AY, ABE, MEE Engineer IV (ABE REG. 006077) OIC Chief, RAAD	APPROVED BY:  DOMINADOR A. MARQUEZ, MPA OIC-RTD for Operations & Extension	SHEET NO. 5 S PAGE NO. 11 19
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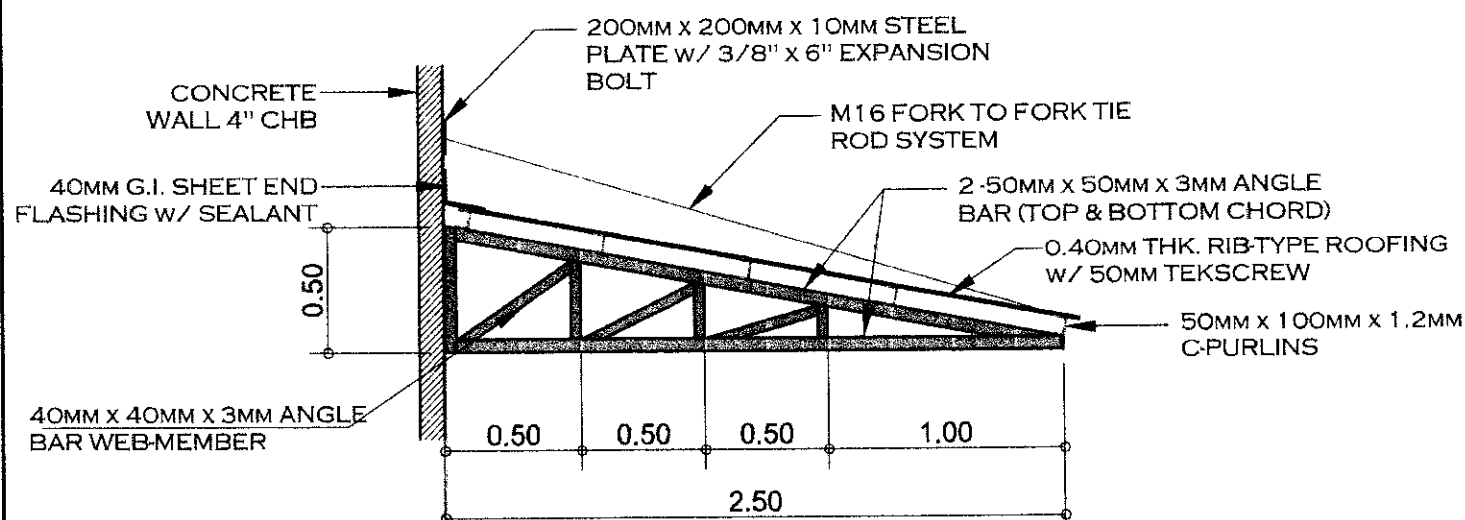


IMPLEMENTING AGENCY	PROJECT NAME & LOCATION	SHEET CONTENTS:	PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY	ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE) LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.	AS SHOWN	MARION JOSEPH C. TAGLE, ABE Engineer II (ABE NO. 008589)	YVONNE GRACE A. SUR, ABE Engineer III (ABE NO. 0005970) Head, Engineering Plans, Designs, and Specifications Section	MOSES D. MANA-AY, ABE, MEE Engineer IV (ABE NO. 006077) OIC Chief, RAE	DOMINADOR A. MARQUEZ, MPA OIC-RTD for Operations & Extension	6 S PAGE NO.: 12 19
		CAD BY:					



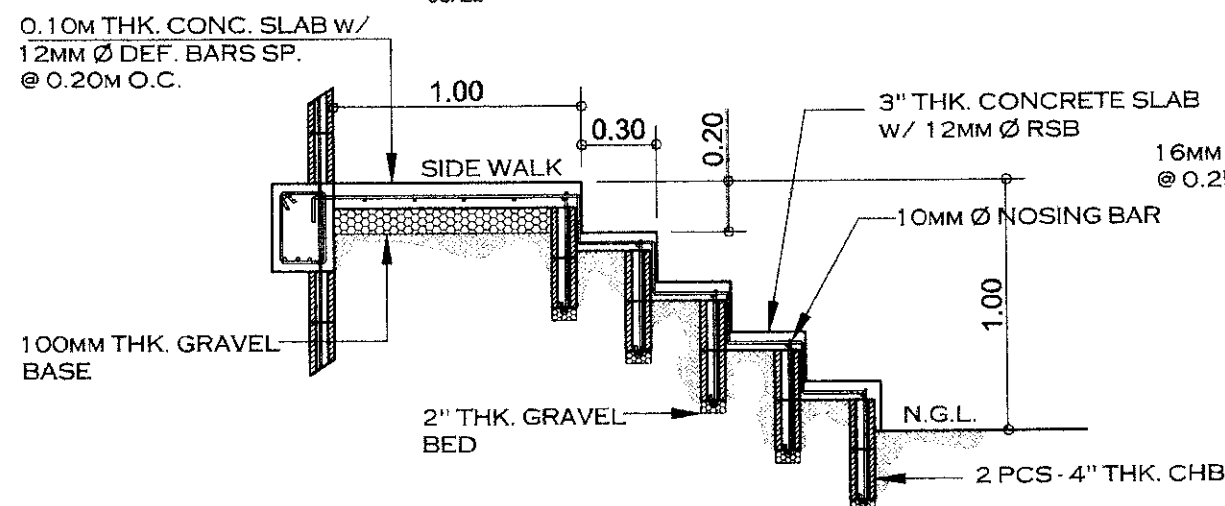
CANOPY DETAIL

SCALE 1:100MTS



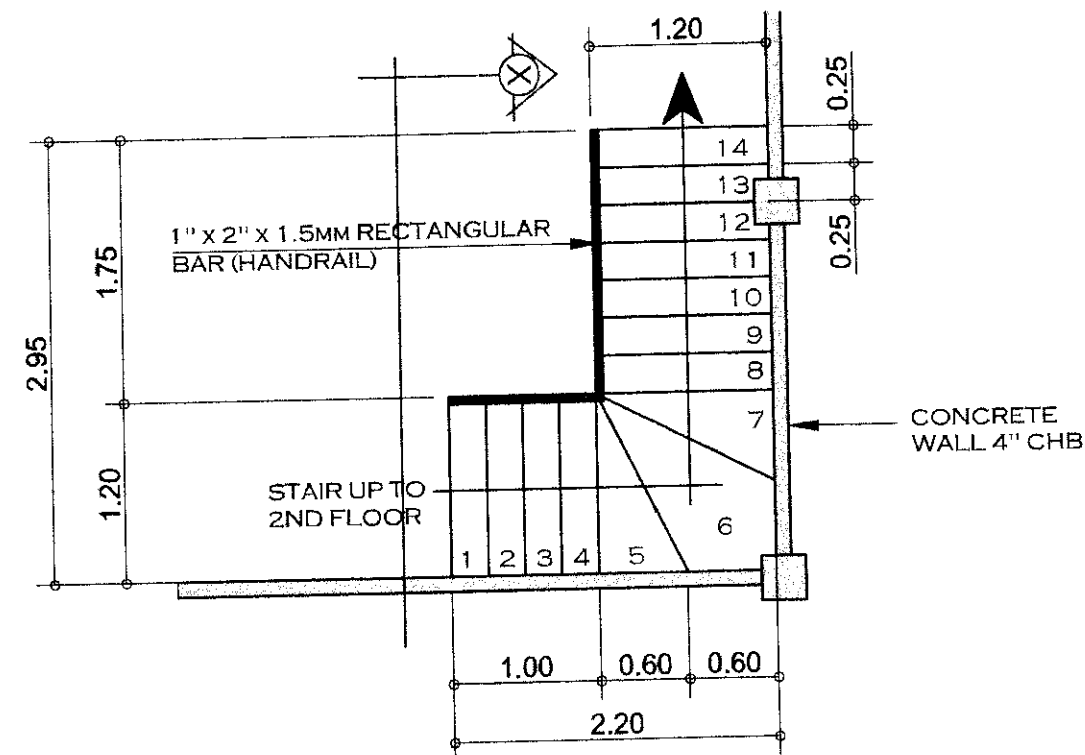
CANOPY DETAIL (SECTION)

SCALE 1:30MTS



DETAIL OF CONCRETE STEP & ENTRANCE & SIDEWALK

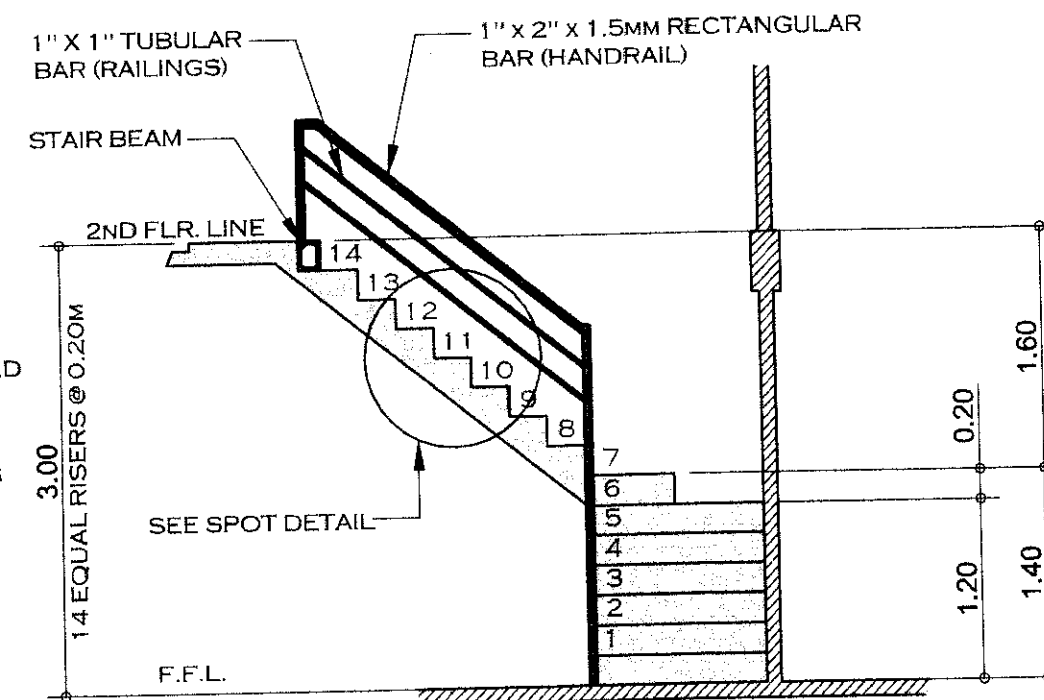
SCALE 1:30MTS



STAIR CASE DETAIL


SCALE 1:50MTS

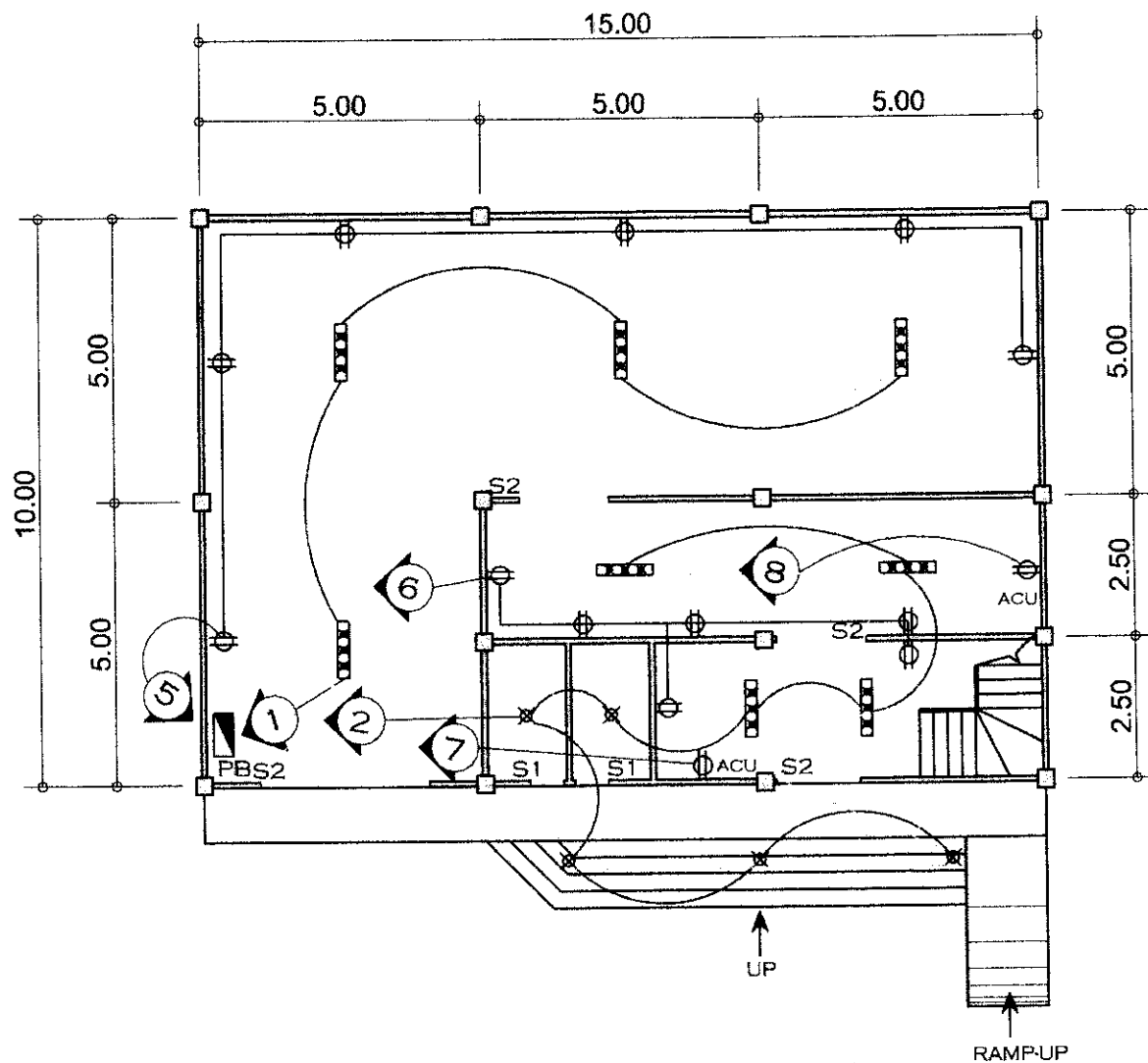
USE 4-12 MM Ø MAIN BARS W/ 10MM Ø STIRRUPS SPACED @ 0.10M O.C.



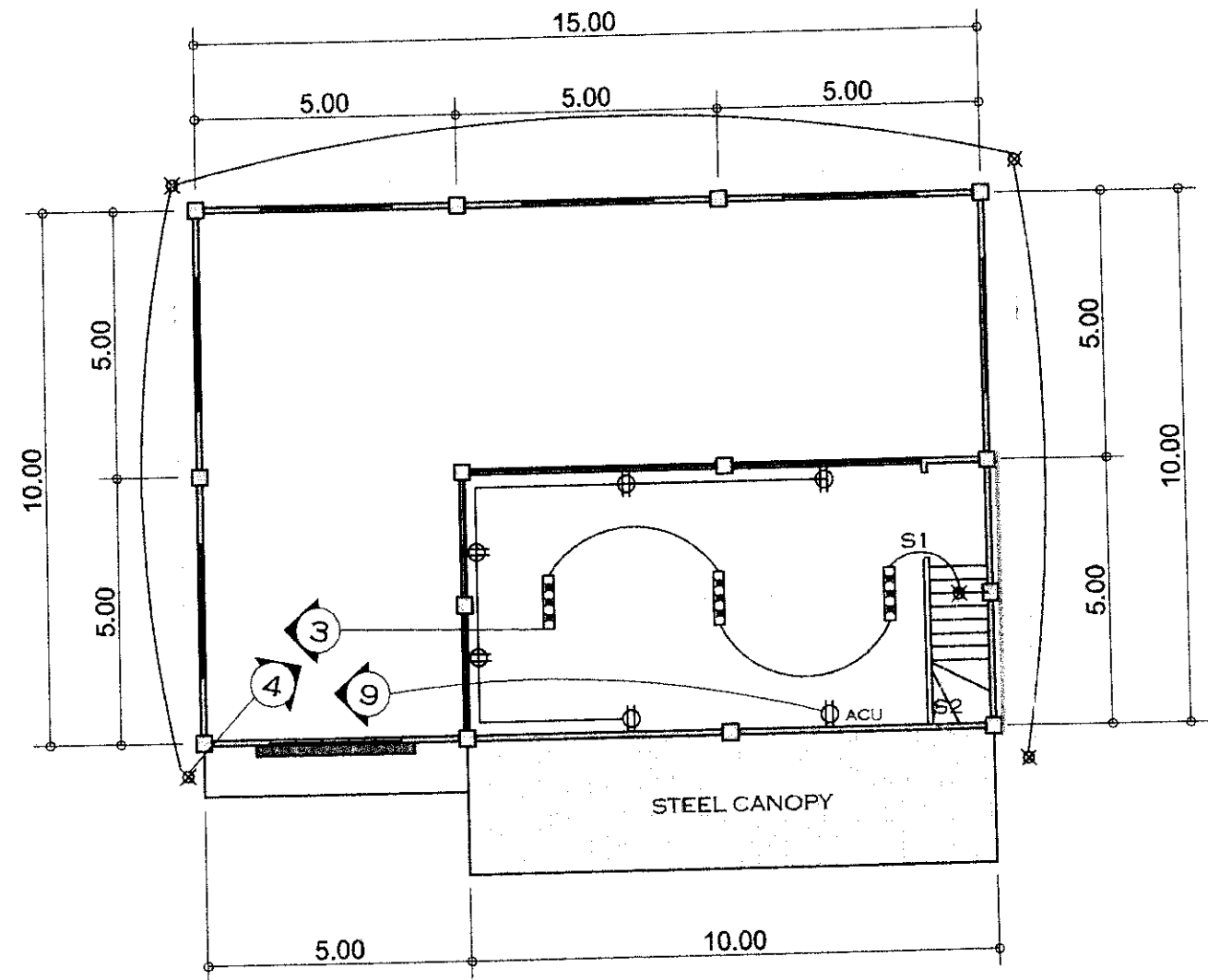
CROSS SECTION DETAIL

SCALE 1:50MTS

IMPLEMENTING AGENCY	PROJECT NAME & LOCATION	SHEET CONTENTS:	PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY</p>	<p>ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE)</p> <p>LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.</p>	AS SHOWN	<p>MARION JOSEPH C. TAGLE, ABE Engineer II (A/E NO. 008589)</p>	<p>YVONNE GRACE V. SUR, ABE Engineer III (A/E NO. 0005970) Head, Engineering Plans, Designs, and Specifications Section</p>	<p>MOISES D. MANA-AY, ABE, MEE Engineer IV (A/E NO. 006077) OIC Chief, RAES</p>	<p>DOMINADOR A. MARQUEZ, MPA OIC-RTD for Operations & Extension</p>	<p>7 S</p> <p>13 19</p>



**POWER LAYOUT
(GROUND FLOOR)**
SCALE 1:100MTS

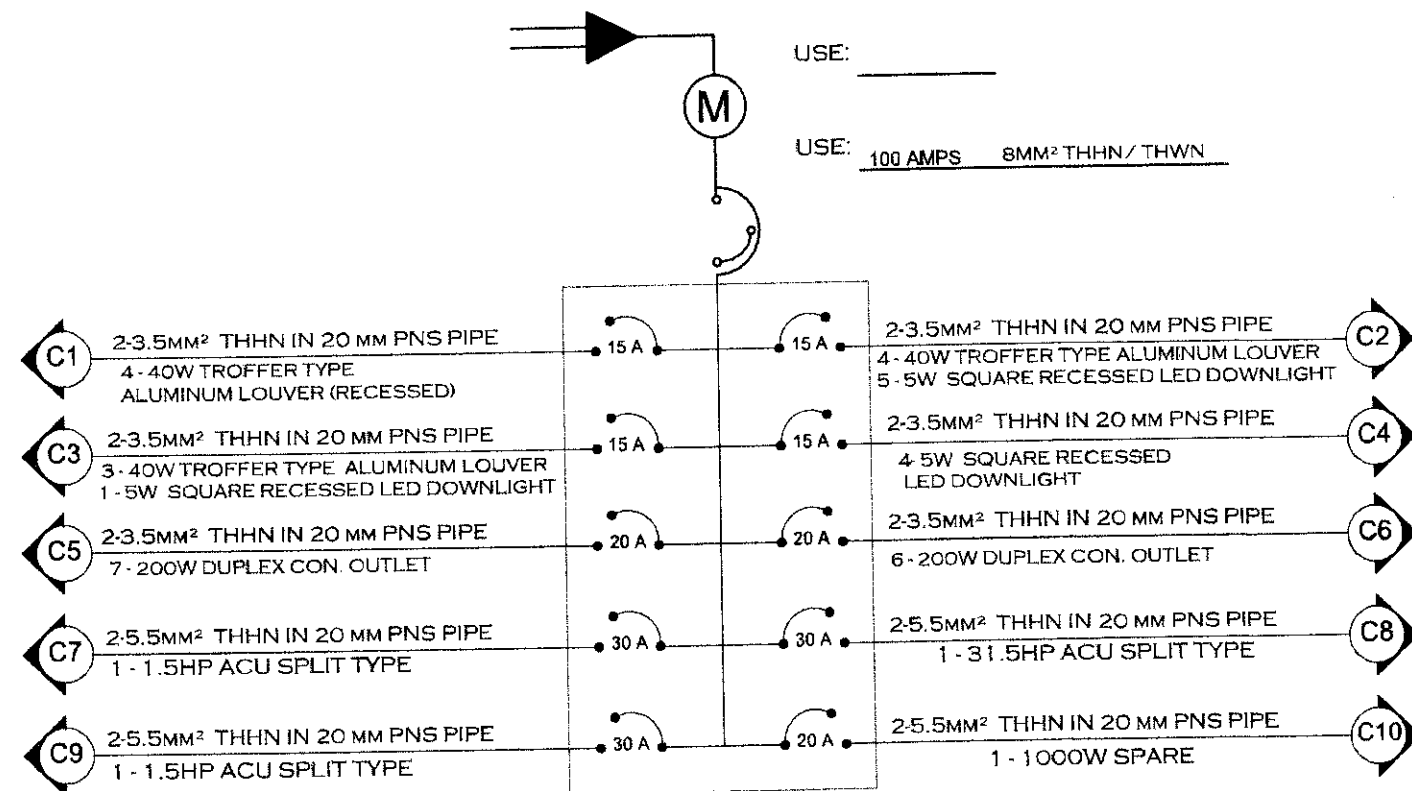


**POWER LAYOUT
(SECOND FLOOR)**
SCALE 1:100MTS

<p>IMPLEMENTING AGENCY</p> <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE</p> <p>WESTERN VISAYAS PAROLA, ILOILO CITY</p>	<p>PROJECT NAME & LOCATION</p> <p>ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE)</p> <p>LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.</p>	<p>SHEET CONTENTS:</p> <p>AS SHOWN</p> <p>CAD BY:</p>	<p>PREPARED BY:</p> <p>MARION JOSEPH C. TAGLE, ABE Engineer III (ABE NO. 008589)</p>	<p>REVIEWED BY:</p> <p>YVONNE GRACE H. SUR, ABE Engineer III (ABE NO. 0005970) Head, Engineering Plans, Designs, and Specifications Section</p>	<p>RECOMMENDING APPROVAL:</p> <p>MOISES D. MANA-AY, ABE, MEE Engineer IV (ABE NO. 006077) OIC Chief, RAED</p>	<p>APPROVED BY:</p> <p>DOMINADOR A. MARQUEZ, MPA OIC-RTD for Operations & Extension</p>	<p>SHEET NO.: 1 E</p> <p>PAGE NO.: 15 19</p>
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SCHEDULE OF LOADS

CKT NO.	DESCRIPTION	WATTS	VOLTS	AMPS	PROTECTION	SIZE OF WIRE
C-1	4 - 40W TROFFER TYPE ALUMINUM LOUVER (RECESSED)	160	220	0.73	15 A	2-3.5mm ² THHN IN 20 MM PNS PIPE
C-2	4 - 40W TROFFER TYPE ALUMINUM LOUVER (RECESSED) 5 - 5W SQUARE RECESSED LED DOWNLIGHT	185	220	0.84	15 A	2-3.5mm ² THHN IN 20 MM PNS PIPE
C-3	3 - 40W TROFFER TYPE ALUMINUM LOUVER (RECESSED) 1 - 5W SQUARE RECESSED LED DOWNLIGHT	125	220	0.57	15 A	2-3.5mm ² THHN IN 20 MM PNS PIPE
C-4	4 - 5W SQUARE RECESSED LED DOWNLIGHT	20	220	0.09	20 A	2-3.5mm ² THHN IN 20 MM PNS PIPE
C-5	7 - 200W DUPLEX CON. OUTLET	1400	220	6.36	20 A	2-3.5mm ² THHN IN 20 MM PNS PIPE
C-6	6 - 200W DUPLEX CON. OUTLET	1200	220	5.45	20 A	2-3.5mm ² THHN IN 20 MM PNS PIPE
C-7	1 - 1.5HP ACU SPLIT TYPE	1119	220	5.08	30 A	2-5.5mm ² THHN IN 20 MM PNS PIPE
C-8	1 - 1.5HP ACU SPLIT TYPE	1119	220	5.08	30 A	2-5.5mm ² THHN IN 20 MM PNS PIPE
C-9	1 - 1.5HP ACU SPLIT TYPE	1119	220	5.08	30 A	2-5.5mm ² THHN IN 20 MM PNS PIPE
C-10	1 - 1000W SPARE	1000	220	4.54	20 A	2-5.5mm ² THHN IN 20 MM PNS PIPE
	TOTAL CONNECTED LOAD	7,447		33.83		



SINGLE LINE DIAGRAM

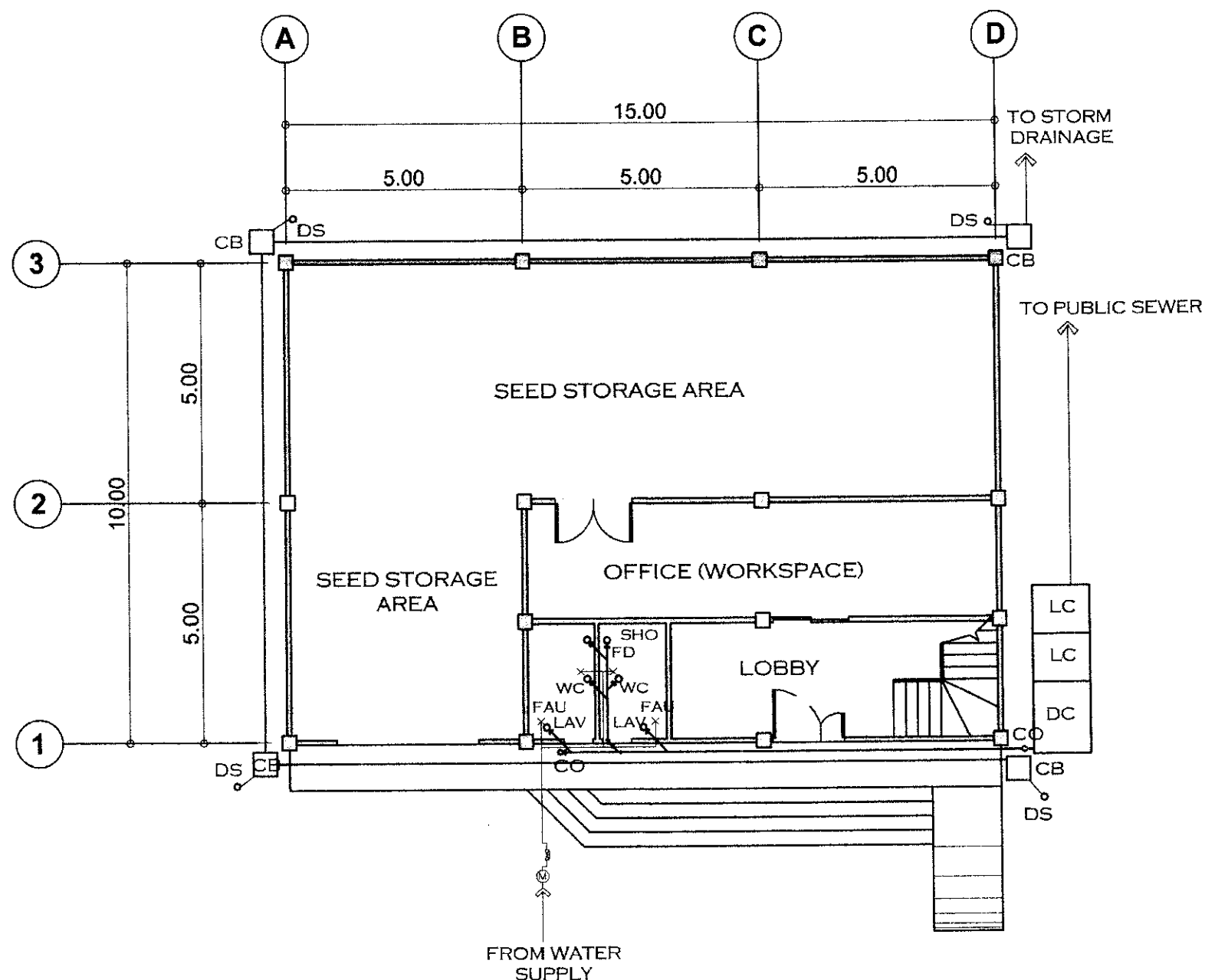
ELECTRICAL SPECIFICATIONS:

- ALL ELECTRICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE LAWS AND ORDINANCES OF THE LOCAL CODE ENFORCING AUTHORITIES AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY.
- THE CONTRACTOR SHALL SECURE ALL PERMITS ALL FEES REQUIRED FOR THE WORK AND SHALL FURNISH THE OWNER THROUGH THE ENGINEERS FINAL CERTIFICATES OF ELECTRICAL INSPECTION AND APPROVAL FROM PROPER GOVERNMENT AUTHORITIES FOR COMPLETE WORK.
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND INSTALLED IN APPLICATIONS FOR WHICH THEY ARE INTENDED.
- LIGHTING, OUTLET, EQUIPMENT BRANCH CIRCUIT WITHOUT DESIGNATION SHALL BE 3 - WIRE (1-GROUND, & 2-LIVE) 3.5 SQ.MM THHN + 2.0 SQ.MM THHN WIRE IN 20MM Ø RSC.
- BOXES SHALL BE MADE OF CODE CAGE STEEL WITH ZINC CHROMATE PROTECTION
- MOUNTING HEIGHTS FOR SWITCHES AND CONVENIENCE OUTLET SHALL BE 1.40M AND 0.40M RESPECTIVELY, UNLESS OTHERWISE INDICATED IN PLANS.
- ALL RECEPTACLE OUTLETS SHALL BE PARALLEL SLOT, 3-PRONG, GROUNDING/ UNIVERSAL TYPE AND PROPERLY GROUNDED TO THE BOX BY MEANS OF GROUNDING LUGS.
- VERIFY FROM THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF THE LIGHTING FIXTURES AND WIRING DEVICES.
- GROUNDING AND NEUTRAL WIRES SHALL BE TERMINATED AND LAID-OUT THRU ENTIRE LENGTH OF THE CONDUIT SYSTEM (FROM PANEL BOARD UP TO LOADS).
- CONTRACTOR MAY USE A CONDUIT SUSPENSION SYSTEM EQUIVALENT TO WHAT IS DETAILED. HAVING THE FEATURES SHOWN ON THIS PLAN AND APPROVED IN ADVANCE BY THE ENGINEER.
- PROVIDE A SAMPLE OF ALL MATERIALS AND SUPPORT SYSTEM TO BE KEPT ON THE JOB SITE FOR CONSTRUCTION GUIDE PURPOSES.
- CONDUIT SUSPENSION SYSTEM SHALL BE INDEPENDENT OF ANY OTHER SUSPENSION SYSTEM.
- NATURE OF WORK FOR SERVICE ENTRANCE SHALL BE DONE IN INTERMEDIATE METALLIC CONDUIT WITH PROPER BOXES, SUPPORTS AND FITTINGS OR AS PER LOCAL UTILITY COMPANY TO BE COORDINATED BY THE CONTRACTOR.
- NATURE OF WORKS FOR LIGHTING AND POWER AND AUXILIARY SYSTEM SHALL BE DONE IN RIGID STEEL (RSC) CONDUIT WITH PROPER BOXES, SUPPORT AND FITTINGS.
- UNLESS OTHERWISE SPECIFIED, PULL-BOXES OR JUNCTION BOXES SHALL BE PROVIDED WHENEVER REQUIRED AND NECESSARY, ALTHOUGH SUCH BOXES WHERE NOT INDICATED ON PLANS AND SHALL BE APPROVED FOR INTENDED LOCATIONS.
- ALL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION FROM A DULY LICENSED, REGISTERED AND COMPETENT ELECTRICAL ENGINEER OR MASTER ELECTRICIAN.

LEGEND:

- ➔ SERVICE ENTRANCE
- (M) KILOWATT HOUR METER
- ▢ PANEL BOARD
- CEILING LIGHT
- ◁ C1 ▷ CIRCUIT HOME RUN
- FEEDER LINE
- - - SWITCH LINE
- ⊕ CONVENIENCE OUTLET
- ⊕ AC AIR-CONDITIONING UNIT OUTLET
- S1 SINGLE GANG SWITCH
- S2 TWO GANG SWITCH

IMPLEMENTING AGENCY REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY	PROJECT NAME & LOCATION ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE) LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.	SHEET CONTENTS: AS SHOWN	PREPARED BY: MARION JOSEPH C. TAGLE, ABE Engineer III (ABE NO. 338589)	REVIEWED BY: YVONNE GRACE W. SUR, ABE Engineer III (ABE NO. 0005970) Head, Engineering Plans, Designs, and Specifications Section	RECOMMENDING APPROVAL: MOISES D. MANAYAY, ABE, MEE Engineer IV (ABE NO. 006077) OIC Chief, R&D	APPROVED BY: DOMINADOR A. MARQUEZ, MPA OIC-RTD for Operations & Extension	SHEET NO.: 2 E PAGE NO.: 16 19
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LEGEND:

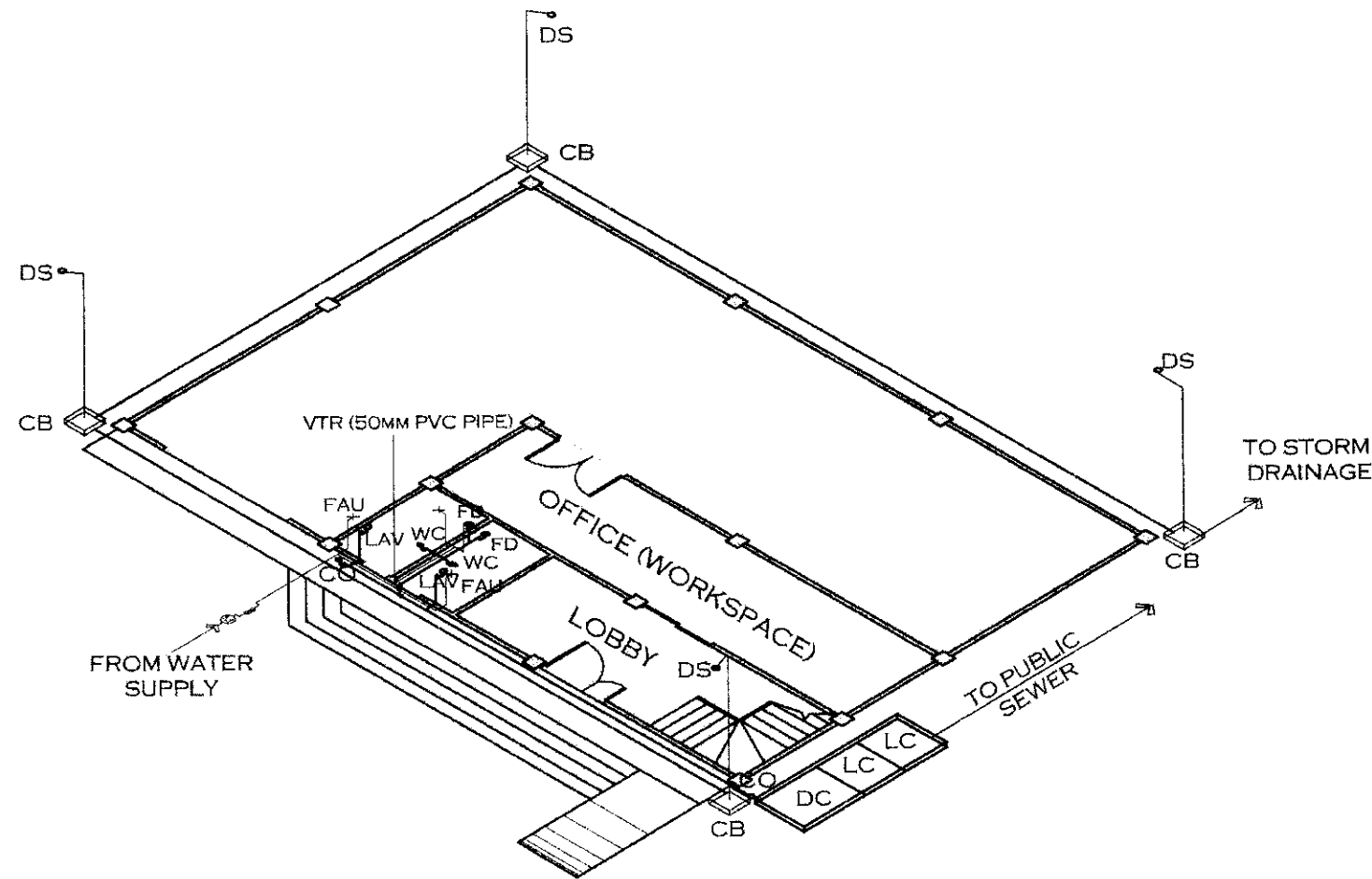
D.C.	DIGESTIVE CHAMBER
L.C.	LEACHING CHAMBER
C.B.	CATCH BASIN
C.O.	CLEAN OUT
F.D.	FLOOR DRAIN
W.C.	WATER CLOSET
LAV.	LAVATORY
FAU.	FAUCET
	WATER LINE
	SOIL PIPE
(M)	WATER METER

SPECIFICATIONS:

1. ALL WASTE LINE & SOIL STACK SHALL BE OF P.V.C. PIPE & JOINT TIGHTLY TOGETHER WITH P.V.C SOLVENT CEMENT.
2. ALL STORM DRAINAGE LINE SHALL BE OF 4" Ø P.V.C. PIPE & 3" Ø P.V.C. PIPE FOR DS. LINE
3. WATER SUPPLY LINE SHALL BE ATLANTA P.V.C. PIPE 3/4" Ø FOR MAIN WATER SUPPLY LINE & 1/2" Ø FOR DISTRIBUTION LINE.
4. ALL PLUMBING FIXTURES SHALL BE FREE OF DAMAGE OR DEFECT & SHOULD BE OF STANDARD MADE.
5. ALL WATER CLOSET SHALL BE PROVIDED WITH WATER CLOSET FLANGE.
6. ALL PLUMBING INSTALLATION SHALL BE DONE UNDER THE SUPERVISION OF A REGISTERED MASTER PLUMBER AND SANITARY ENGINEER.
7. ALL PLUMBING WORKS SHALL BE DONE UNDER IN ACCORDANCE WITH THE LATEST PROVISION OF THE NATIONAL PLUMBING CODE OF THE PHILS. & OF THE LOCAL WATER DISTRICT.

PLUMBING LAYOUT
SCALE 1:100MTS

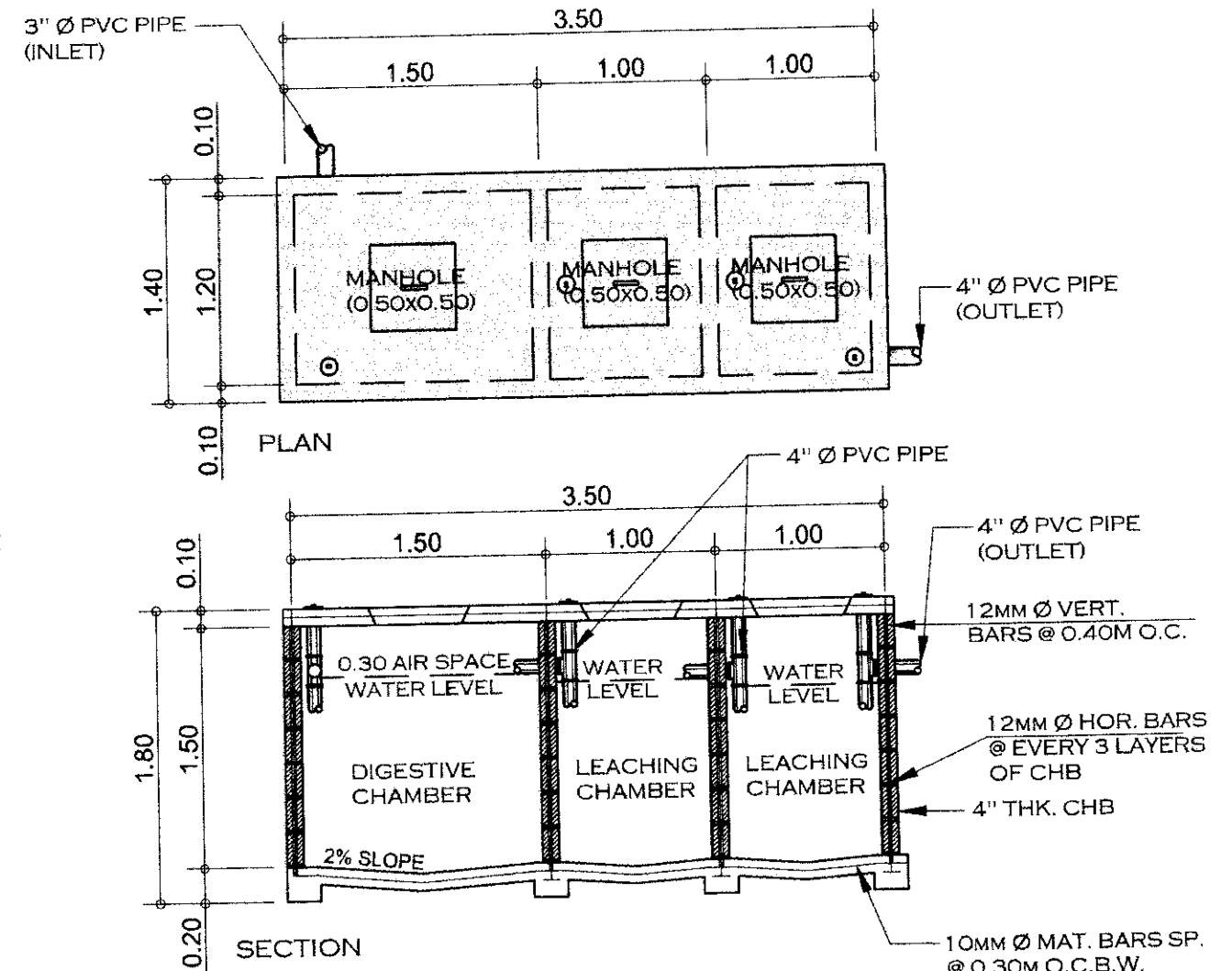
IMPLEMENTING AGENCY 	PROJECT NAME & LOCATION ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE) LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.	SHEET CONTENTS: AS SHOWN	PREPARED BY: MARION JOSEPH C. TAGLE, ABE Engineer IV (ABE NO. 008589)	REVIEWED BY: YVONNE GRACE M. SUR, ABE Engineer III (ABE NO. 0005970) Head, Engineering Plans, Designs, and Specifications Section	RECOMMENDING APPROVAL: MOISES D. MANA-AY, ABE, MEE Engineer IV (ABE NO. 006077) OIC Chief, RAED	APPROVED BY: DOMINADOR A. MARQUEZ, MPA OIC-RTD for Operations & Extension	SHEET NO.: 1 / P PAGE NO.: 17 / 19
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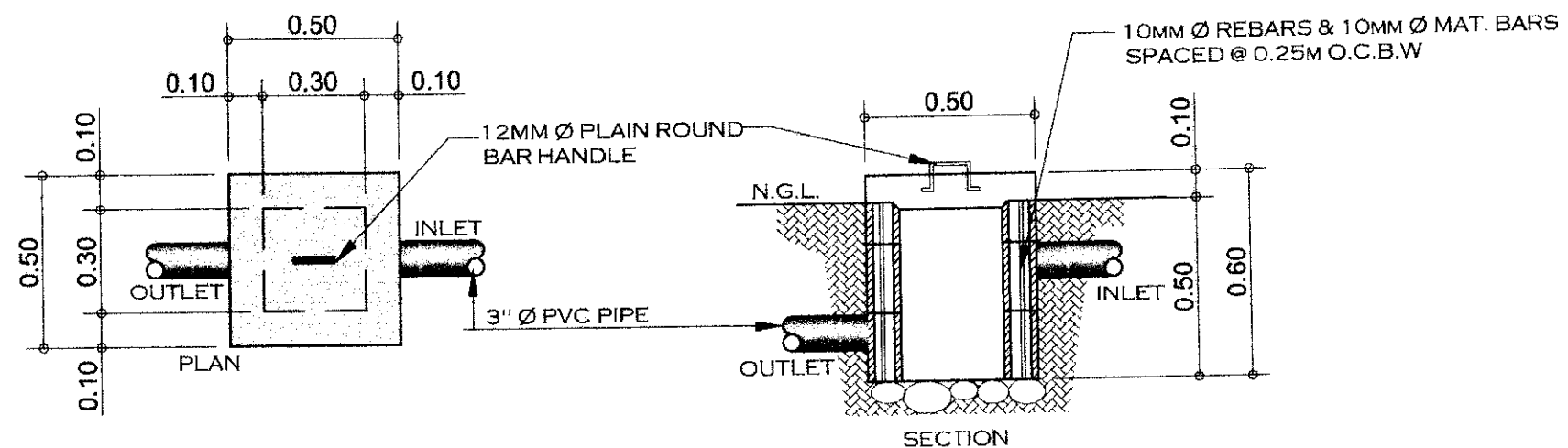
PLUMBING ISOMETRIC LAYOUT
SCALE 1:100MTS

LEGEND:


- D.C. — DIGESTIVE CHAMBER
- L.C. — LEACHING CHAMBER
- C.B. — CATCH BASIN
- C.O. — CLEAN OUT
- F.D. — FLOOR DRAIN
- W.C. — WATER CLOSET
- LAV. — LAVATORY
- FAU. — FAUCET
- WATER LINE
- SOIL PIPE
- (M) — WATER METER



SEPTIC VAULT DETAIL
SCALE 1:40MTS



CATCH BASIN DETAIL
SCALE 1:20MTS

IMPLEMENTING AGENCY	PROJECT NAME & LOCATION	SHEET CONTENTS	PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL	APPROVED BY:	SHEET NO.
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY	ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE) LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.	AS SHOWN	MARION JOSE P.C. TAGLE, ABE Engineer I (ABE NO. 008589)	YVONNE GRACE H. SUR, ABE Engineer III (ABE NO. 0005970) Head, Engineering Plans, Designs, and Specifications Section	MOISES D. MANAAY, ABE, MEE Engineer IV (ABE NO. 006077) OIC Chief, R.E.D.	DOMINADOR A. MARQUEZ, MPA OIC-RTD Operations & Extension	2 P PAGE NO. 18 19



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS
PAROLA, ILOILO CITY

PROJECT: **ESTABLISHMENT OF SEED RESERVE WAREHOUSE/
FACILITY (WITH OFFICE)** COST:
LOCATION: **BRGY. MANSILINGAN, BACOLOD CITY, NEGROS OCCIDENTAL** FUND SOURCE/S: **FY 2023 RICE PROGRAM**
IMPLEMENTING AGENCY : **DEPARTMENT OF AGRICULTURE -WESTERN VISAYAS**
DEVELOPMENT PARTNERS :
CONTRACTOR SUPPLIER :
BRIF DESCRIPTION OF PROJECT:

PROJECT DETAILS:

PROJECT DATE			PROJECT STATUS				REMARKS
DURATION	STARTED	TARGET DATE OF COMPLETION	PERCENTAGE OF COMPLETION	AS OF (DATE)	COST INCURRED TO DATE	DATE COMPLETED	

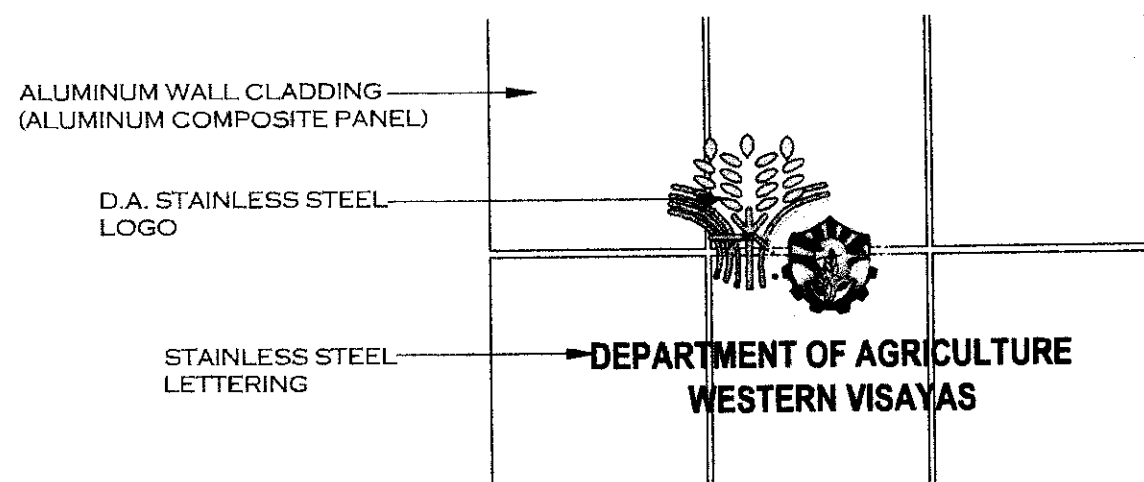
FOR PARTICULARS FOR COMPLAINTS ABOUT THIS PROJECT. PLEASE CONTACT THE REGIONAL OFFICE OR CLUSTER WHICH HAS AUDIT JURISDICTION ON THIS PROJECT.

COA REGIONAL OFFICE NO./ CLUSTER: _____
ADDRESS: _____
CONTACT NO.: _____ OR TEXT COA CITIZEN'S DESK AT 0915-5391957



COA BILLBOARD

NOT DRAWN TO SCALE



**STAINLESS STEEL D.A. LOGO
& LETTERING DETAIL**

NOT DRAWN TO SCALE

**ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE)
BRGY. MANSILINGAN, BACOLOD CITY, NEGROS OCCIDENTAL**

CONTRACTOR :
DATE STARTED :
CONTRACT COMPLETION FORM :
CONTRACT COST :
CONSTRUCTION CONSULTANT :
IMPLEMENTING OFFICE: **DEPARTMENT OF AGRICULTURE-WESTERN VISAYAS**
SOURCE OF FUND :



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS
PAROLA, ILOILO CITY

-THE BILLBOARD DESIGN LAYOUT AND DIMENSION SHALL BE ON A STANDARD BILLBOARD MEASURING 1200mm x 2400mm (4ft x 8ft.) USING 12mm (1/2 INCH) THICK MARINE PLYWOOD OR TARPAULIN POSTED ON 5mm (3/16 INCH) MARINE PLYWOOD.

-THE BILLBOARD SHALL BE INSTALLED IN FRONT OF THE PROJECT SITE.



PROJECT SIGNBOARD

NOT DRAWN TO SCALE



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS
PAROLA, ILOILO CITY

PROJECT PROFILE

NAME OF PROJECT: PROJECT: **ESTABLISHMENT OF SEED RESERVE WAREHOUSE/
FACILITY (WITH OFFICE)**
LOCATION: **BRGY. MANSILINGAN, BACOLOD CITY, NEGROS OCCIDENTAL**
FUNDING SOURCE:
BENEFICIARIES:
PROJECT COST (P)

PROJECT MARKER
0.60m x 0.60m GRANITE
w/ ENGRAVE LETTERING



PROJECT MARKER

NOT DRAWN TO SCALE

IMPLEMENTING AGENCY	PROJECT NAME & LOCATION	SHEET CONTENTS:	PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY	ESTABLISHMENT OF SEED RESERVE WAREHOUSE/FACILITY (WITH OFFICE) LOCATION: BRGY. MANSILINGAN, BACOLOD CITY, NEG. OCC.	AS SHOWN CAD BY:	MARION JOSE C. TAGLE, ABE Engineer III (ABE NO. 008589)	YVONNE GRACE H. SUR, ABE Engineer III (ABE NO. 0305970) Head, Engineering Plans, Designs, and Specifications Section	MOISES D. MANAY, ABE, MEE Engineer IV (ABE NO. 006077) OIC Chief, RAO	DOMINADOR A. MARQUEZ, MPA OIC-RTD (Operations & Extension)	PAGE NO.: 19 19