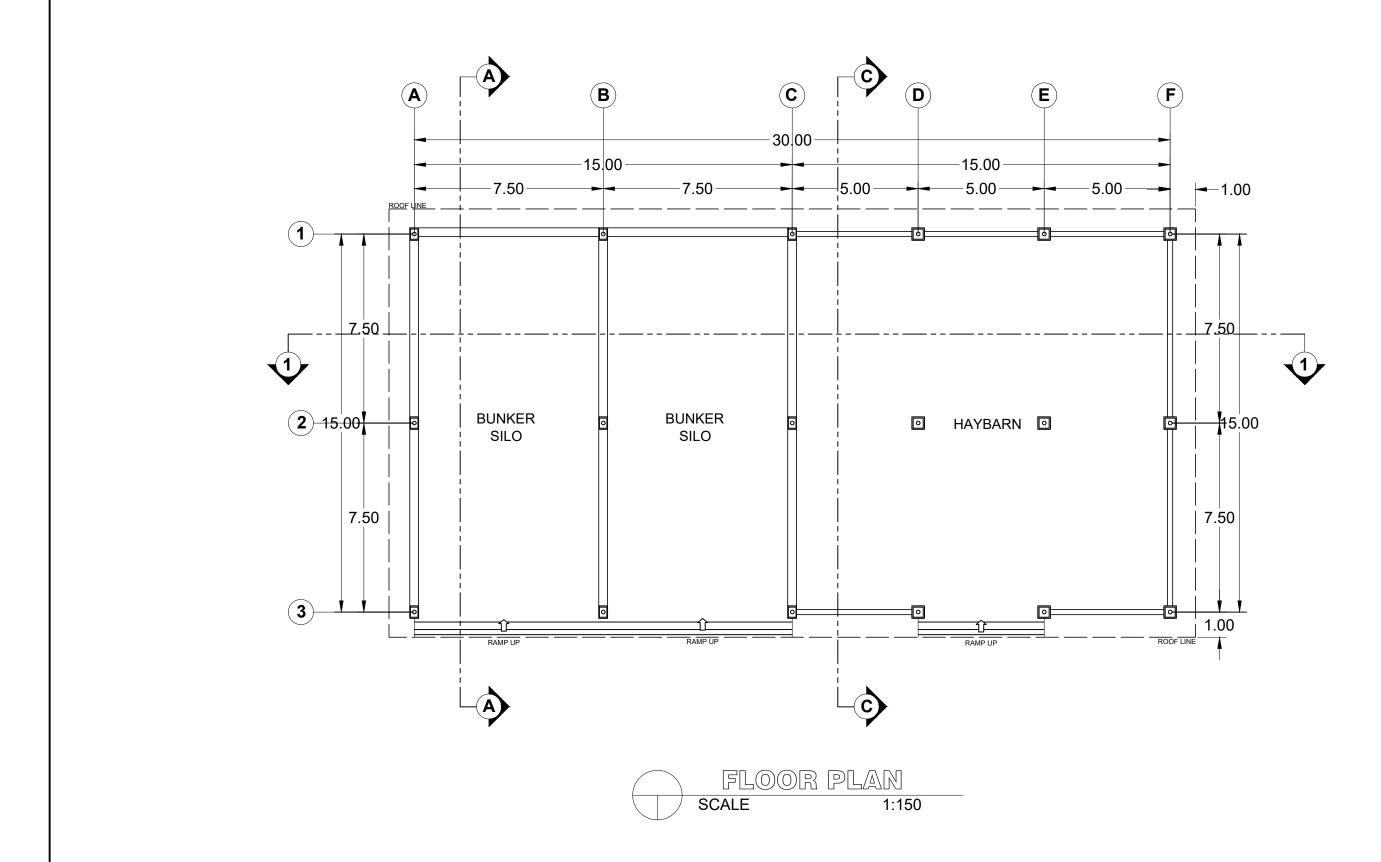
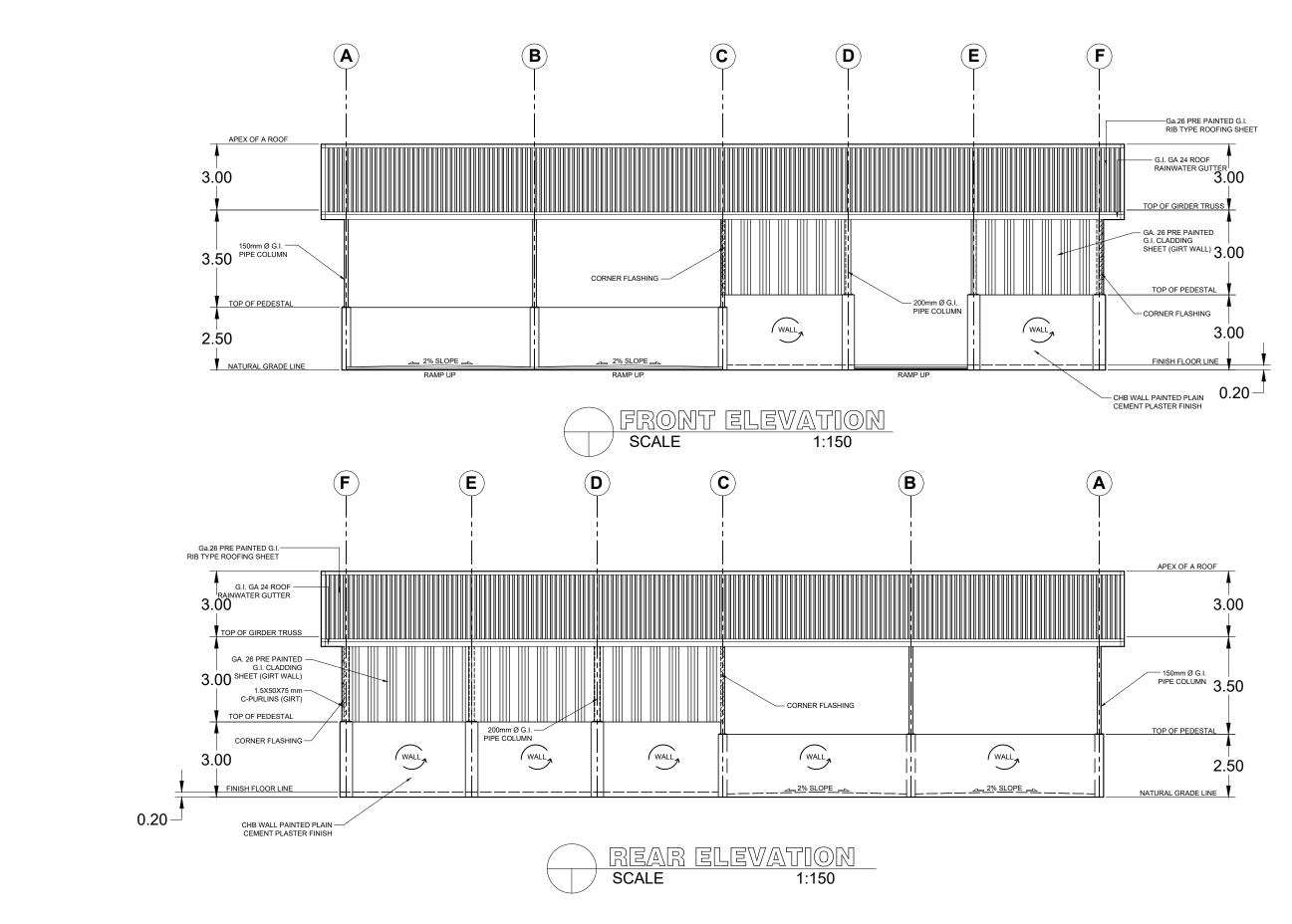


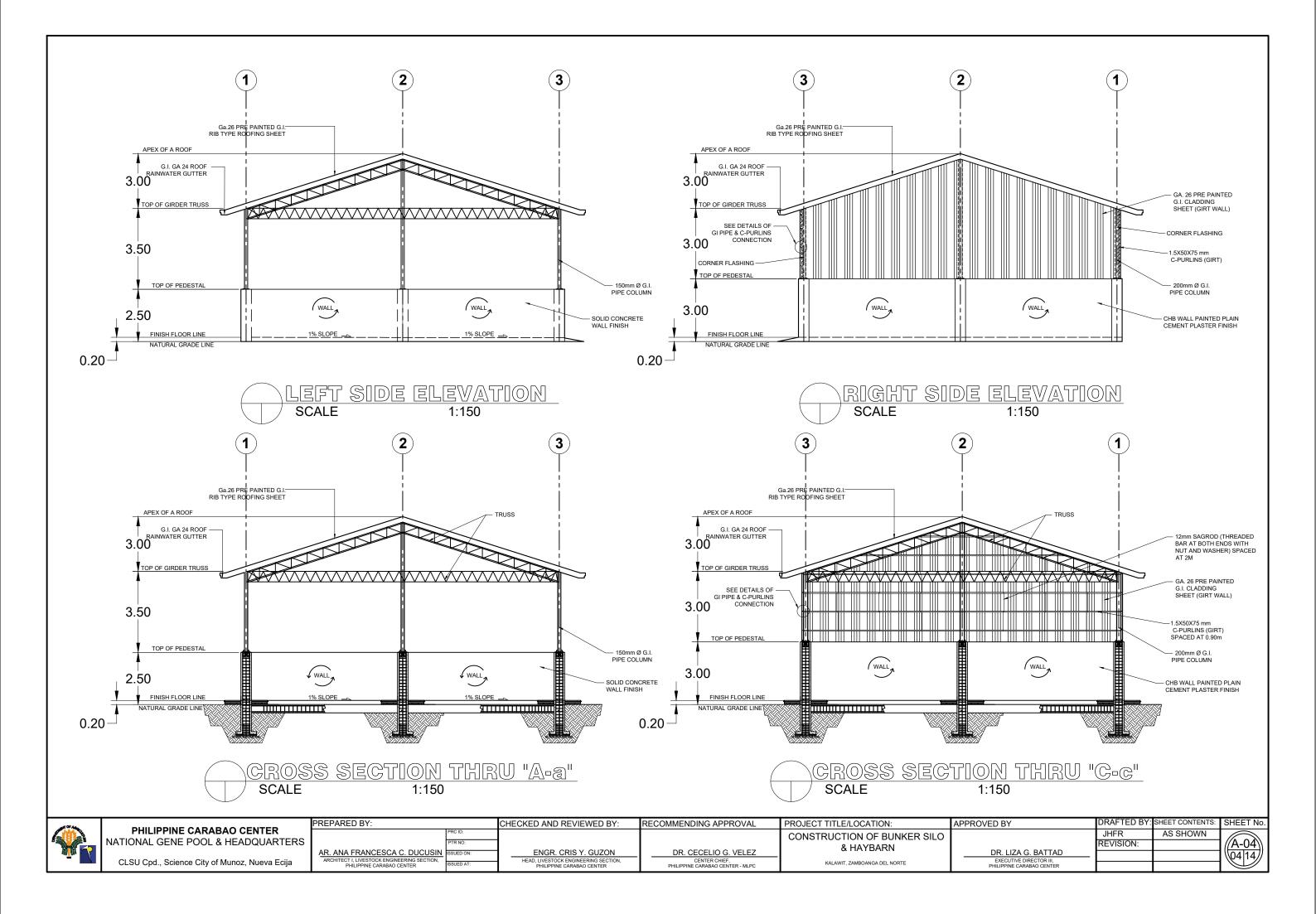
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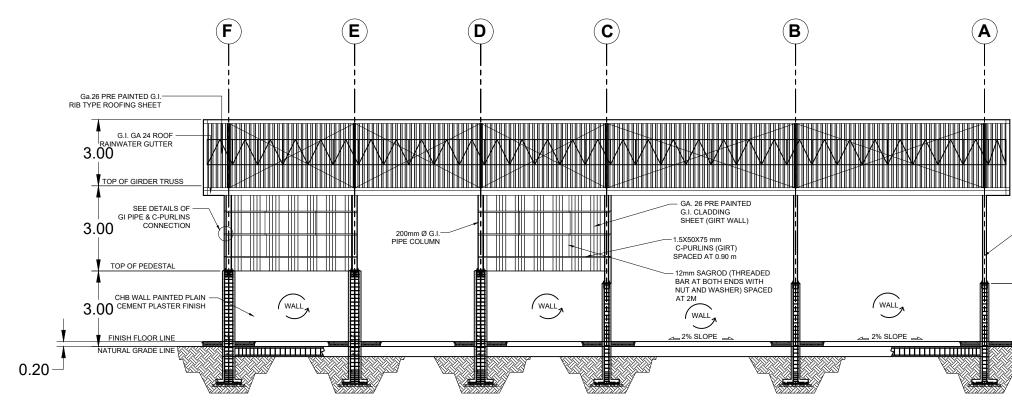


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	PHILIPPINE CARABAO CENTER NATIONAL GENE POOL & HEADQUARTERS				CONSTRUCTION OF BUNKER SILO & HAYBARN		JHFR REVISION:	AS SHOWN	A-02
at the second	CLSU Cpd., Science City of Munoz, Nueva Ecija	AR. ANA FRANCESCA C. DUCUSIN ARCHITECT I, LIVESTOCK ENGINEERING SECTION, PHILIPPINE CARABAO CENTER	ENGR. CRIS Y. GUZON HEAD, LIVESTOCK ENGINEERING SECTION, PHILIPPINE CARABAO CENTER	DR. CECELIO G. VELEZ CENTER CHIEF, PHILIPPINE CARABAO CENTER - MLPC	KALAWIT, ZAMBOANGA DEL NORTE	DR. LIZA G. BATTAD EXECUTIVE DIRECTOR III, PHILIPPINE CARABAO CENTER			0214



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	PHILIPPINE CARABAO CENTER NATIONAL GENE POOL & HEADQUARTERS	PRC I	ID: NO:			CONSTRUCTION OF BUNKER SILO		JHFR REVISION:	AS SHOWN	A-03
<u> vi</u> (CLOULOrd, Opinger City of Munor, Nursus Estin		ED ON:	ENGR. CRIS Y. GUZON HEAD. LIVESTOCK ENGINEERING SECTION.	DR. CECELIO G. VELEZ	& HAYBARN	DR. LIZA G. BATTAD			0314//
	CLSU Cpd., Science City of Munoz, Nueva Ecija	PHILIPPINE CARABAO CENTER	ED AT:	PHILIPPINE CARABAO CENTER	PHILIPPINE CARABAO CENTER - MLPC	KALAWIT, ZAMBOANGA DEL NORTE	PHILIPPINE CARABAO CENTER			

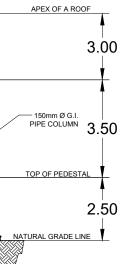


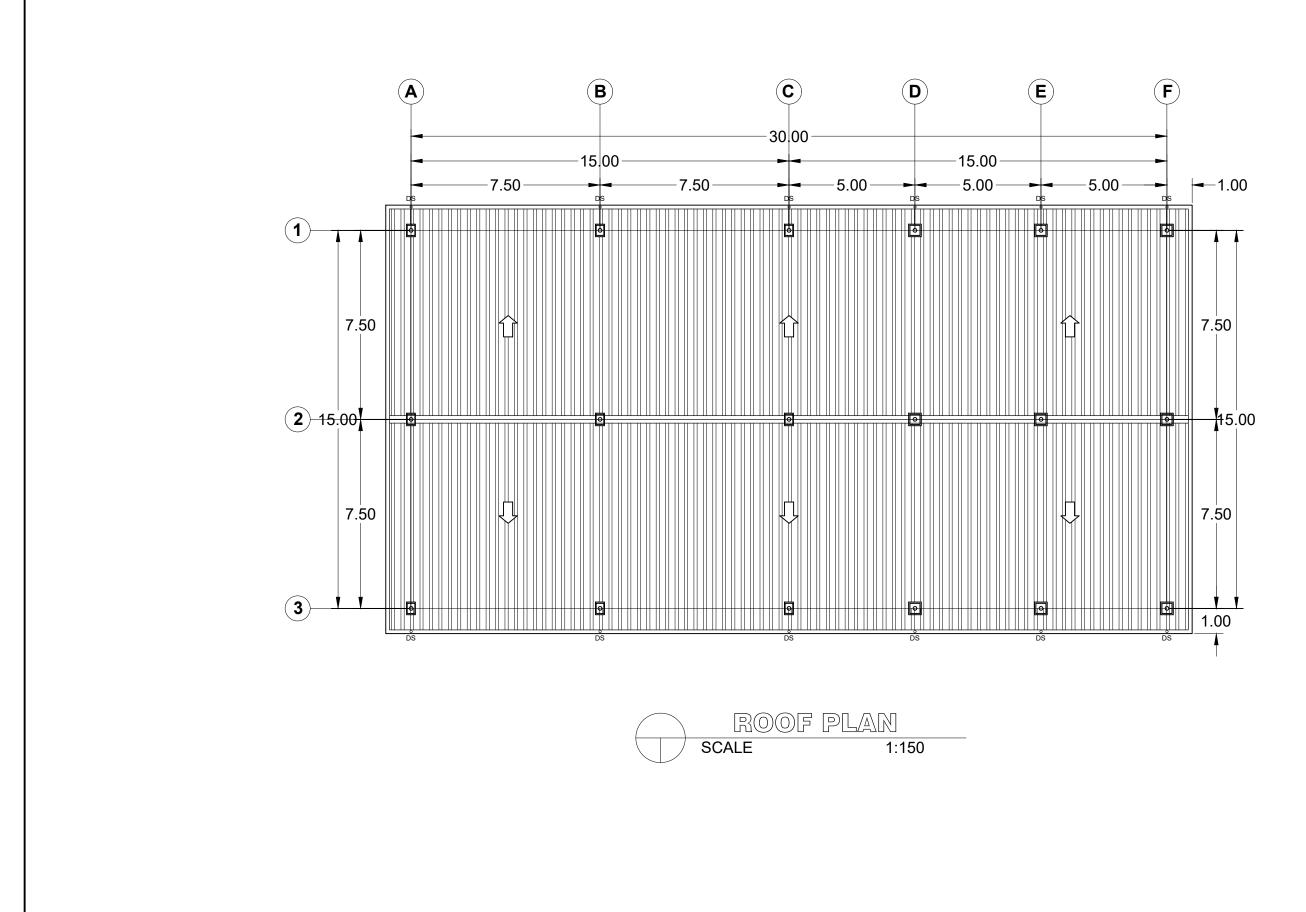




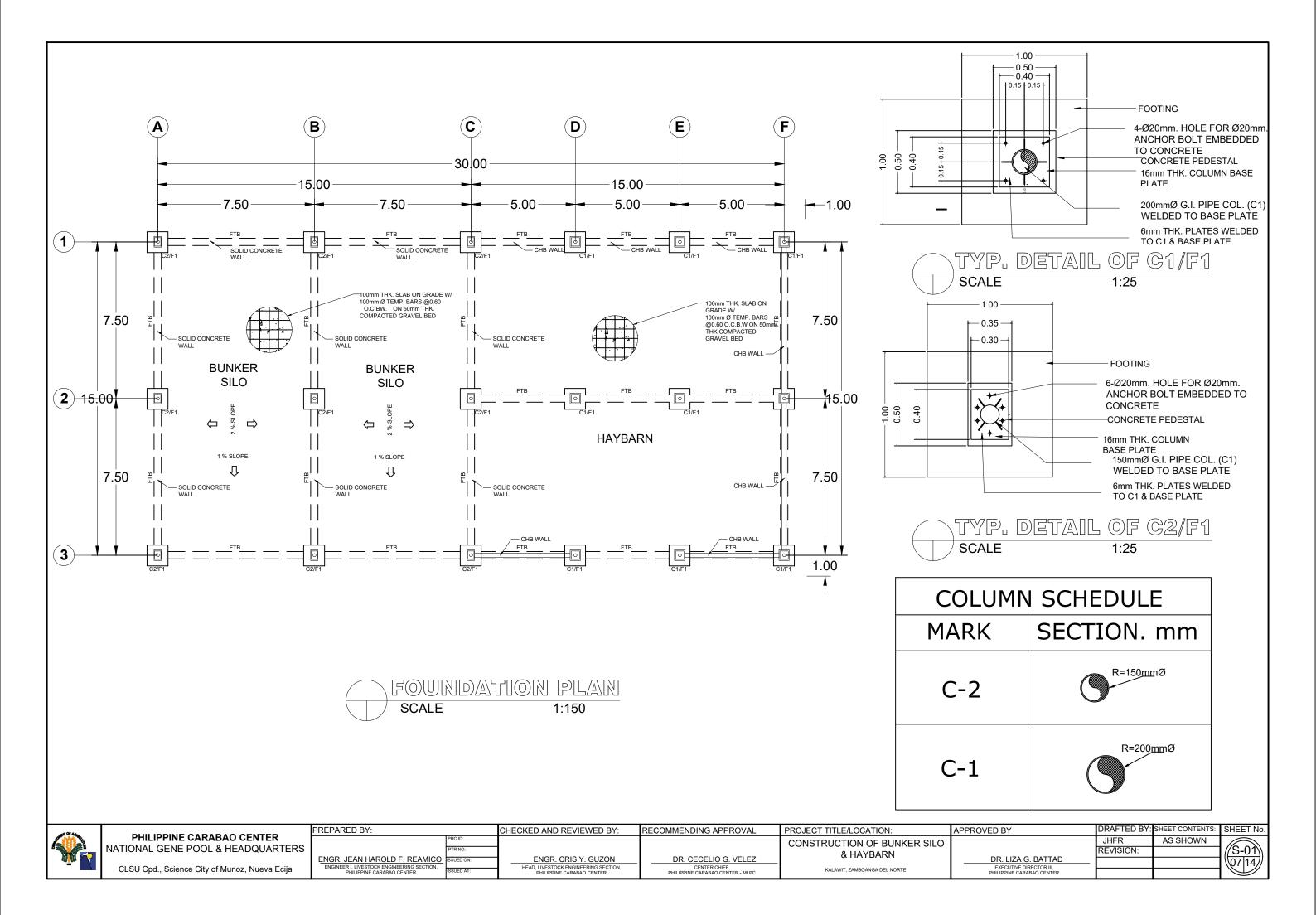
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	CLSU Cpd., Science City of Munoz, Nueva Ecija	PHILIPPINE CARABAO CENTER	PHILIPPINE CARABAO CENTER	PHILIPPINE CARABAO CENTER - MLPC	KALAWIT, ZAMBOANGA DEL NORTE	PHILIPPINE CARABAO CENTER			

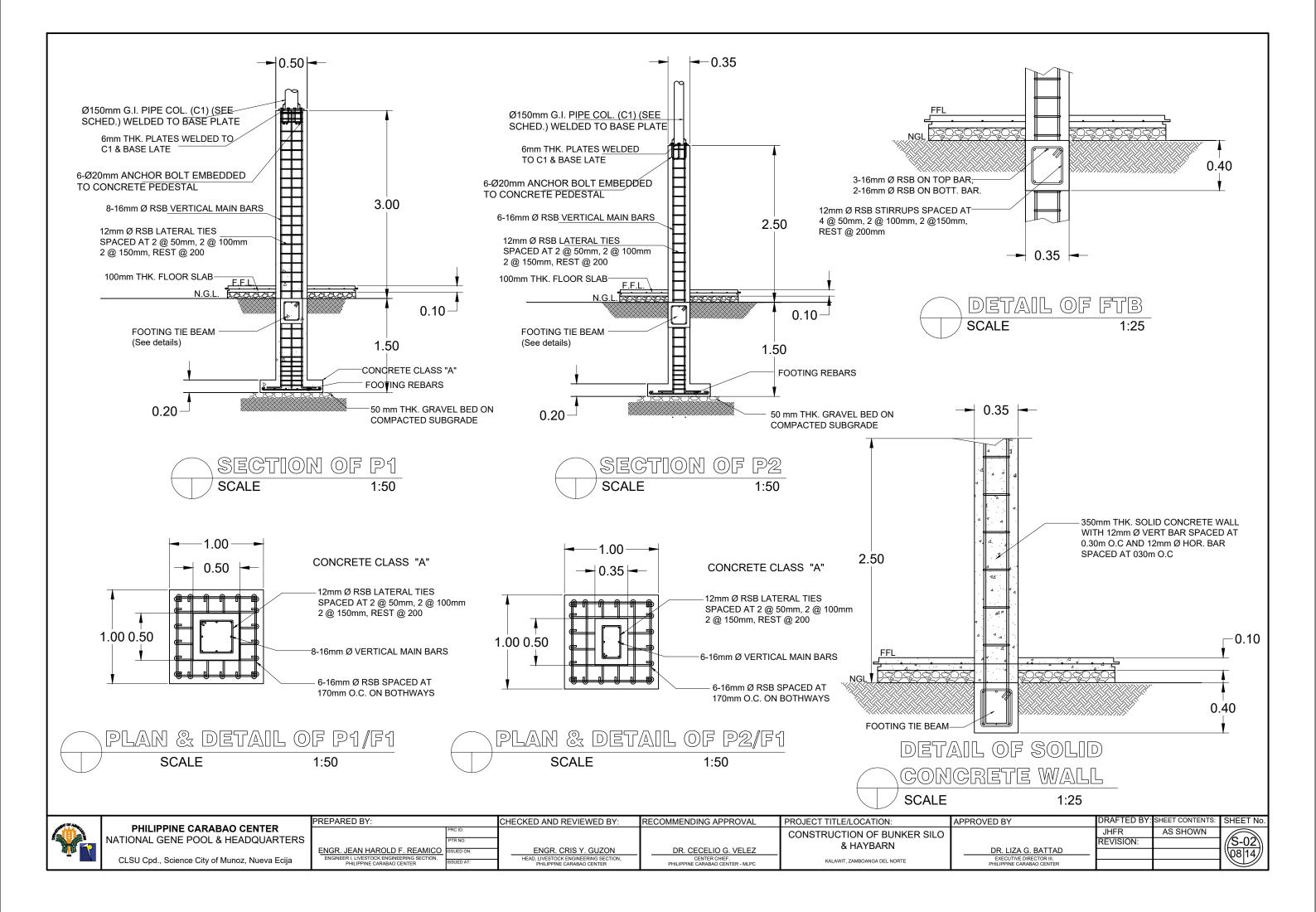


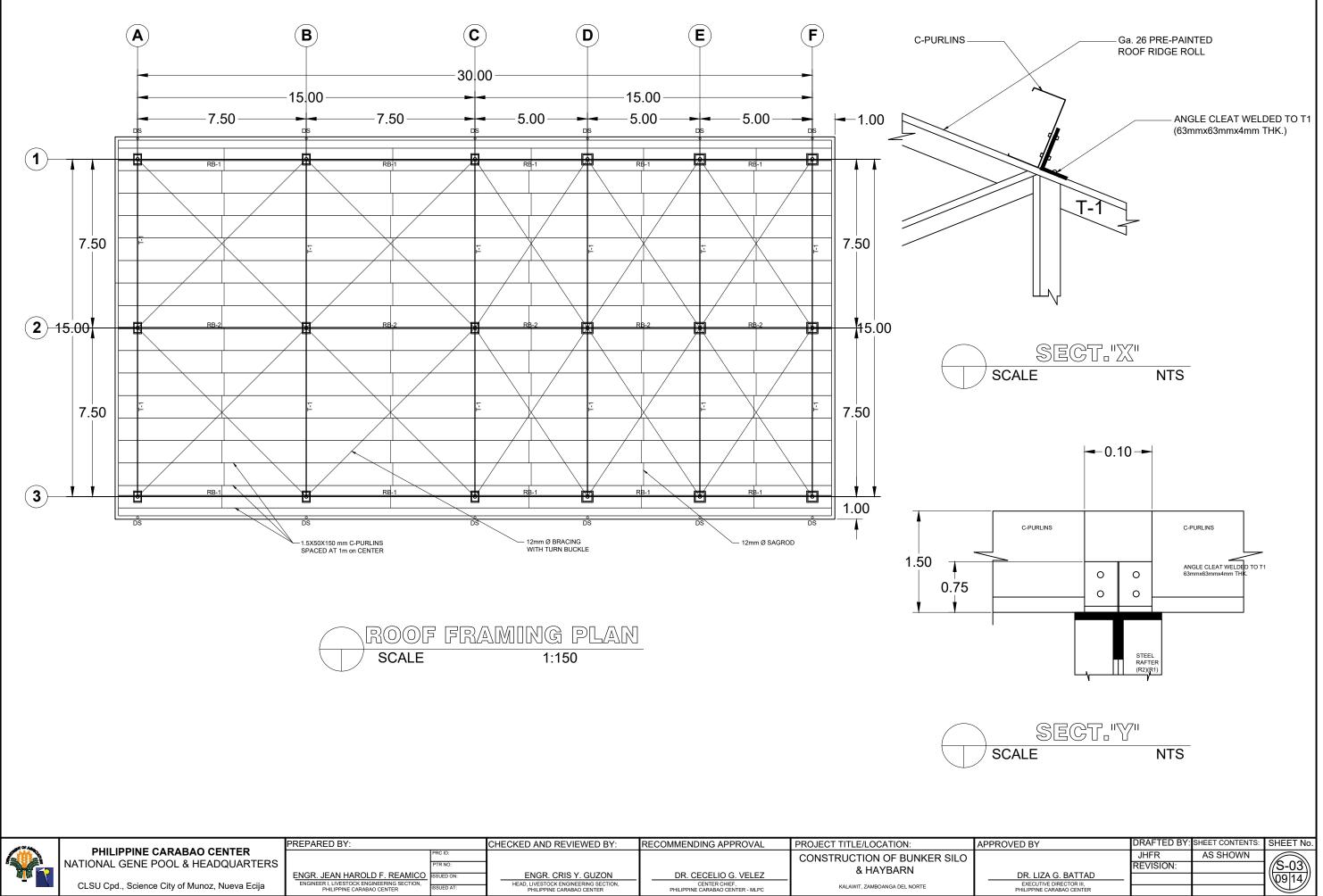




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	PHILIPPINE CARABAO CENTER NATIONAL GENE POOL & HEADQUARTERS				CONSTRUCTION OF BUNKER SILO & HAYBARN		JHFR REVISION:	AS SHOWN	A-06
aia 🗾	CLSU Cpd., Science City of Munoz, Nueva Ecija	AR. ANA FRANCESCA C. DUCUSIN ARCHITECT I, LIVESTOCK ENGINEERING SECTION, PHILIPPINE CARABAO CENTER	ENGR. CRIS Y. GUZON HEAD, LIVESTOCK ENGINEERING SECTION, PHILIPPINE CARABAO CENTER	DR. CECELIO G. VELEZ CENTER CHIEF, PHILIPPINE CARABAO CENTER - MLPC	KALAWIT, ZAMBOANGA DEL NORTE	DR. LIZA G. BATTAD EXECUTIVE DIRECTOR III, PHILIPPINE CARABAO CENTER			0614

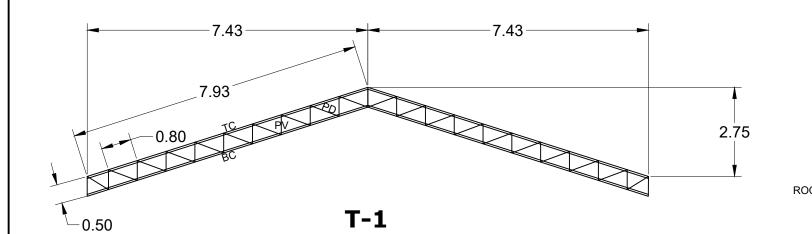


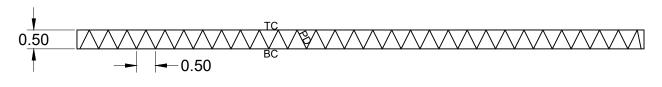




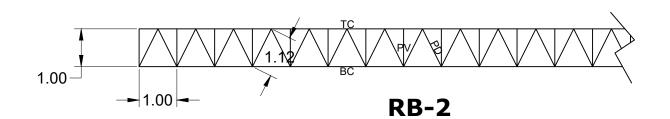
CLSU Cpd., Science City of Munoz, Nueva Ecija

HEAD, LIVESTOCK ENGINEERING SECTION, PHILIPPINE CARABAO CENTER









MARK		MEMBE	R SIZE in mm	
	TOP CHORD (TC)	BOTTOM CHORD (BC)	PRIMARY DIAGONAL (PD)	PRIMARY VERTICAL (PV)
T-1	2-<6 x 50 x 50	2-<6 x 50 x 50	2-<3 x 32 x 32	2-<3 x 32 x 32
RB-1	2-<3 x 50 x 50	2-<3 x 50 x 50	2-<3 x 32 x 32	2-<3 x 32 x 32
RB-2	2-<3 x 50 x 50	2-<3 x 50 x 50	2-<3 x 32 x 32	2-<3 x 32 x 32

1:100



OF	TRUSS		ROOF BEAM (RE
\setminus (CONN.	DET-20) ROOF AF
\mathcal{I}	SCALE	١	NTS
	С	-PURLINS 1.5mm x 50 mm x 1.0m O.C BOLT	
		PRE-PAINTED GA #26 R ROOFING	
		12mm Ø SAG	RODS

C-PURLINS

RB-1 WELDED FILTER STRAINER-TO C1 FASCIA BOARD 100mm Ø PVC DOWNSPOUT TO CATCH BASIN

SCALE

GA. 26 PRE PAINTED-G.I. CLADDING SHEET (GIRT WALL)

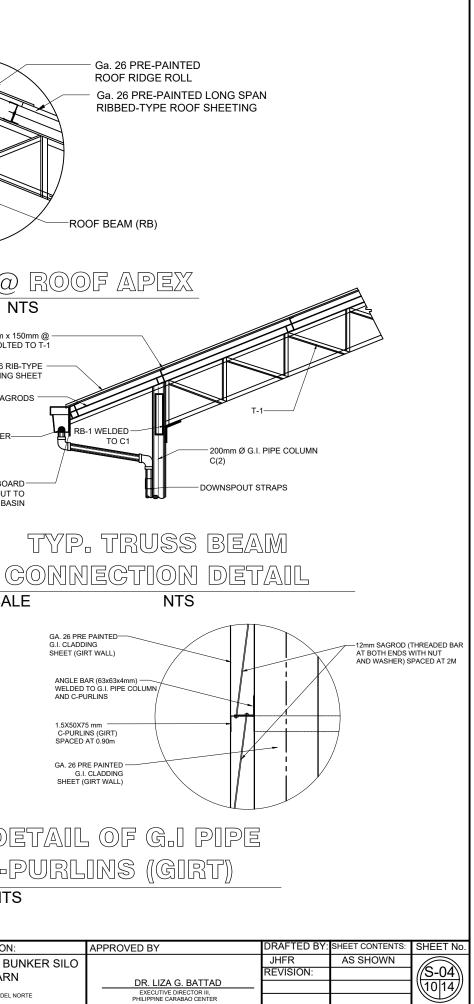
1.5X50X75 mm C-PURLINS (GIRT) SPACED AT 0.90m

GA. 26 PRE PAINTED -G.I. CLADDING SHEET (GIRT WALL)

CONNECTION DETAIL OF G.I PIPE COLUMN & C-PURLINS (GIRT) SCALE NTS



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CARL SE CONTRACTOR	PHILIPPINE CARABAO CENTER NATIONAL GENE POOL & HEADQUARTERS	PRC				CONSTRUCTION OF BUNKER SILO	
4		ENGR. JEAN HAROLD F. REAMICO		ENGR. CRIS Y. GUZON	DR. CECELIO G. VELEZ	& HAYBARN	DR.
	CLSU Cpd., Science City of Munoz, Nueva Ecija	ENGINEER I, LIVESTOCK ENGINEERING SECTION, PHILIPPINE CARABAO CENTER	JED AT:	HEAD, LIVESTOCK ENGINEERING SECTION, PHILIPPINE CARABAO CENTER	CENTER CHIEF, PHILIPPINE CARABAO CENTER - MLPC	KALAWIT, ZAMBOANGA DEL NORTE	EXEC



A. GENERAL

- 1. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS
- 2. SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEEL, MISCELLANEOUS IRON, PRE-CAST CONCRETE ETC. SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL BEFORE FABRICATION.
- 3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE ALL WORK IS TO BEGIN, CHECK WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS, PIPE SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE.
- 4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORINGS AND BRACINGS OF THE STRUCTURE FOR ALL LOADS THAT MAYBE IMPOSED DURING CONSTRUCTION.

B. CONCRETE & REINFORCEMENT

- 1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE LATEST BULDING CODE OF AMERICAN CONCRETE INSTITUTE (ACI-318).
- 2. ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT THE END OF TWENTY EIGHT (28) DAYS WITH CORRESPONDING MAXIMUM SIZE AGGREGATE AND SLUMPS AS FOLLOWS

LOCATION	28 DAYS STRENGTH	MAX. SIZE AGGREGATE	MAX. SLUMP
LEDGE & SLAB ON GRADE	3500 PSI	1 IN. (25MM.)	4 IN. (100MM.)
FOUNDATION	4000 PSI	1 IN. (25MM.)	4 IN. (100MM.)
COLUMN	4000 PSI	1 IN. (25MM.)	4 IN. (100MM.)
BEAMS & SLABS	4000 PSI	1 IN. (25MM.)	4 IN. (100MM.)

- 3. ALL REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60 FOR DIA. 16 AND LARGER BARS AND GRADE 40 FOR DIA, 12 AND SMALLER BARS.
- 4. IN GENERAL, THE LATEST EDITION OF ACI-315, MANUAL OF STANDARD PRACTICE DETAILING REINFORCED CONCRETE STRUCTURES SHALL BE ADHERED TO, UNLESS OTHERWISE SHOWN OR NOTED
- 5. MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS:

SLAB ON GRADE	. 1	1/2 IN.	(38 MM.)	
---------------	-----	---------	----------	--

WALLS ABOVE GRADE

BEAM STIRRUPS AND COLUMN TIES 1 1/2 IN. (38 MM.)

WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS 2 IN. (50 MM.)

WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH 3 IN. (75 MM.)

- 6. SPLICES SHALL BE SECURELY WIRED TOGETHER AND SHALL LAP OR EXTEND IN
- 7. ALL CONCRETE SHALL BE KEPT MOIST FOR A MINIMUM OF SEVEN (7) CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP, FOG SPRAYING, CURING COMPOUNDS OR OTHER APPROVED METHODS.
- 8. STRIPPING OF FORMS AND SHORES: FOUNDATION .. 24 HRS.

SUSPENDED SLAB EXCEPT WHEN ADDITIONAL LOADS ARE IMPOSED 28 DAYS

WALLS 18 HBS

BEAMS 14 DAYS

CONSTRUCTION NOTES

C. FOOTINGS

- UNLESS OTHERWISE INDICATED IN THE PLANS, THE ALLOWABLE SOIL PRESSURE 1. SHALL BE AT LEAST 2000 PSF
- 2. FOUNDATION SHALL REST ON NATURAL SOIL, UNLESS OTHERWISE NOTED BY THE ENGINEER, NO PART OF THE FOUNDATION SHALL REST ON FILL (PROVIDE 1m MINIMUM EMBEDMENT FROM NATURAL SOIL LEVEL AND BELOW).
- 3. TO MAKE SURE OF THE DEPTH OF EXCAVATION, THE CONTRACTOR SHALL EXCAVATE FIRST AT LEAST FOUR (4) FOOTINGS LOCATED AT THE CORNERS OF THE PROPOSED BUILDING THE DEPTH OF THE EXCAVATION SHALL BE CONFIRMED BY THE STRUCTURAL ENGINEER AS BASIS OF EXCAVATION FOR ALL OTHER FOOTINGS
- 4. THE STRUCTURAL ENGINEER SHALL BE INFORMED OF ANY DEVIATION OF THE SOIL LAYERING AS COMPARED TO THE FIRST FOUR (4) EXCAVATION
- 5. EXISTING UNDERGROUND PIPES, TUNNELS ETC. SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER FOR EVALUATION
- ANY EXCAVATION ADJACENT TO ANY EXISTING STRUCTURE SHALL BE PROVIDED WITH ADEQUATE SHEET PILING BY THE CONTRACTOR. THE SHEET PILES SHALL BE PROPERLY DESIGNED TO RESIST THE EARTH AND WATER PRESSURES AS WELL AS SURCHARGED LOADINGS ON THE FOOTINGS OF THE ADJACENT EXISTING STRUCTURES.
- UNLESS OTHERWISE SPECIFIED BY THE STRUCTURAL ENGINEER, THE CHB WALL FOOTING SHALL BE 7. AS SHOWN IN THE STRUCTURAL PLAN
- R.C. SLABS ON FILL SHALL BE 0.15 M THICK WITH 12MM REINFORCING BARS AT 0.30M O.C. EACH WAY 8. UNLESS OTHERWISE SPECIFIED IN THE PLANS
- PARKING SIDEWALKS ETC., SHALL BE COMPACTED 90% COMPACTION IN LAYERS OF 0.30M UNLESS OTHERWISE SPECIFIED BY THE STRUCTURAL ENGINEER.

D. REINFORCED CONCRETE SLABS

- UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIFICATIONS, CAMBER ALL R.C. SLABS 3mm FOR EVERY 3.300mm OF THE SHORTER SPAN
- 2. IF SLABS ARE REINFORCED BOTHWAYS, BARS ALONG THE SHORTER SPAN SHALL BE PLACED BELOW THOSE ALONG THE LONGER SPAN AT THE CENTER AND OVER THE LONGER BARS NEAR THE SUPPORTS
- LENGTHS OF BAR CUT-OFFS SHALL BE AS SHOWN IN THE STRUCTURAL PLANS
- FOR FLAT SLABS, LONG SPAN BOTTOM BARS SHALL BE PLACED BELOW THE SHORT SPAN BARS AND TOP BARS, VICE VERSA 5.
- CONCRETE COVERING SHALL BE 20mm CLEAR FOR TOP AND BOTTOM BARS
- UNLESS OTHERWISE SPECIFIED BY THE STRUCTURAL ENGINEER, BAR CHAIRS SHALL BE PROVIDED AT LEAST 600mm EACH WAY TO SUPPORT THE TOP AND BOTTOM BARS SEPARATELY.

E. CHB WALLS

- UNLESS OTHERWISE SPECIFIED, THE VERTICAL AND HORIZONTAL REINFORCEMENTS FO CHB SHALL BE 12MM AT 0.40M O.C. FOR WALL THICKNESS. LAP SPLICES SHALL BE 0.30M LONG (MINIMUM)
- LINTEL BEAMS TO BE USED SHALL BE (t x 0.20M) REINFORCED BY 4-12MM BARS WITH 10MM AT 0.30M. 2. O.C. TIES WHERE "t" IS THE CHB WALL THICKNESS.
- 3. LINTEL BEAMS SHALL BE PROVIDED AT THE TOP OF CHB WALL OPENINGS. IT SHALL BE EXTENDED AT LEAST 0.20M BEYOND OPENINGS
- FOR HIGH WALLS, LINTEL BEAMS SHALL BE PROVIDED AT 3.00m O.C.
- 5. FOR LONG WALLS, LINTEL BEAMS ACTING AS COLUMN SHALL BE PROVIDED AT 3.0m O.C.
- WHERE CHB WALL ADJOINS R.C. COLUMN AND BEAMS PRIOR TO POURING TO MATCH CHB WALL REINFORCEMENT, THE DOWEL SHALL BE 12mm BARS AT 0.40m O.C.
- WHERE THE TOP CHB WALL ADJOINS A BEAM, PROVIDE A 25mm TO FILLED WITH SOFT MATERIAL LIKE BACKER ROD AND SEALANT.
- WHERE COLUMNS AND BEAMS ARE TO BE POURED WITHOUT CHB WALL DOWEL PROVIDE RAMPSETS AND 16 GA GALVANIZED STEEL STRAPS 0.40m O.C. NO CHIPPING OF CONCRETE COLUMNS AND BEAMS IS ALLOWED UNLESS OTHERWISE PERMITTED BY THE STRUCTURAL ENGINEER.

F. STRUCTURAL TOLERANCES

UNLESS OTHERWISE SPECIFIED BY THE STRUCTURAL ENGINEER THE FOLLOWING ARE ACCEPTABLE STRUCTURAL TOLERANCES FOR CAST-IN-PLACE CONCRETE CONTRUCTION. ALL DIMENSION WHICH ARE NOT WITHIN THE REQUIRED TOLERANCES SHALL BE CORRECTED PRIOR TO POURING OF CONCRETE. TOLERANCES FOR PRE-CAST CONCRETE CONSTRUCTION SHALL $\frac{1}{2}$ OF THE VALUES GIVEN BELOW

AND PRE-STRESSING STEEL DUCTS

DIMENSIONS LESS THAN 200mm 200mm TO 600mm OVFR 600mm

2.B. MEMBER LENGTH OR HEIGHT +/- 6mm PER 3.0m (MAXIMUM LIMITATION = 12mm)

4.D. LOCATION OF BAR CUT-OFFS OR BENDS +/- 50mm

G. CONSTRUCTION JOINTS

- GIRDERS
- **RESIST 100% SHEAR OF THE CONSTRUCTION JOINT**
- MAXIMUM DIMENSION OR 1 THE STORY HEIGHT
- SHALL BE AS APPROVED BY THE ENGINEER

H. STANDARD HOOK

12

1. A STANDARD HOOK FOR REBARS IF REQUIRED SHALL BE EITHER OF THE FOLLOWING: A SEMICIRCULAR TUM PLUS AN EXTENSION OF AT LEAST 4 DIA. BUT NOT LESS THAN 62mm AT 1.1. THE FREE END OF THE BAR

2. MINIMUM DIAMETER OF BEND MEASURED ON THE INSIDE OF THE BAR SHALL BE AS FOLLOW

10mm DIAMETER TO 25mm DIAMETER 28mm DIAMETER TO 26mm DIAMETER NO. 14 TO NO. 18

I. R.C. SLABS ON GROUND

OF OCCUPANCY:

BA

OCCUPANCY
DOMESTIC OR LIGHT COMMER
COMMERCIAL
INDUSTRIAL PLANTS, GAS STATIONS &
INDUSTRIAL

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I	PHILIPPINE CARABAO CENTER NATIONAL GENE POOL & HEADQUARTERS	F	PRC ID:	-		CONSTRUCTION OF BUNKER SILO	
I	NATIONAL GENE POOL & READQUARTERS	ENGR. JEAN HAROLD F. REAMICO	SSUED ON:	ENGR. CRIS Y. GUZON	DR. CECELIO G. VELEZ	& HAYBARN	DR. LIZA
	CLSU Cpd., Science City of Munoz, Nueva Ecija	ENGINEER L LIVESTOCK ENGINEERING SECTION	SSUED AT:	HEAD, LIVESTOCK ENGINEERING SECTION, PHILIPPINE CARABAO CENTER	CENTER CHIEF, PHILIPPINE CARABAO CENTER - MLPC	KALAWIT, ZAMBOANGA DEL NORTE	EXECUTIVE PHILIPPINE CA

1.A CROSS SECTIONAL DIMENSIONS AND LOCATION OF REINFORCEMENTS, PRE-STRESSING STEEL

+/- 6mm +/- 9mm +/- 12mm

3.C. DEVIATION FROM STRAIGHT LINE (SWEEP AND / OR PLUMBERS) +/- 6mm PER

3.0m

1. CONSTRUCTION JOINTS SHALL BE LOCATED NEAR THE MIDDLE OF THE SPAN OF SLABS,, BEAMS OR

2. AT BEAM / GIRDER INTERSECTION, THE CONSTRUCTION JOINT ON THE GIRDER SHALL BE OFFSET AT A DISTANCE EQUAL TO TWICE THE WIDTH OF THE BEAM. DIAGONAL BARS SHALL BE PROVIDED TO

3. CONSTRUCTION JOINTS IN COLUMN SHALL BE LOCATED A DISTANCE ABOVE THE FLOOR EQUAL TO

WHERE THE JOINT IS TO BE MADE. THE SURFACE OF THE CONCRETE SHALL BE THOROUGHLY WETTED AND COATED WITH NEAT CEMENT GROUT IMMEDIATELY BEFORE PLACING NEW CONCRETE

CONSTRUCTION JOINTS IN WALLS, SLABS AND OTHER STRUCTURES THAT ARE SUBJECTED TO WATER PRESSURE SHALL BE PROVIDED WITH WATER STOPS, KIND, TYPE AND SIZE OF WATER STOPS

A 90 DEG. TURN PLUS AN EXTENSION OF AT LEAST 12 DIA. AT THE FREE AND OF THE BAR

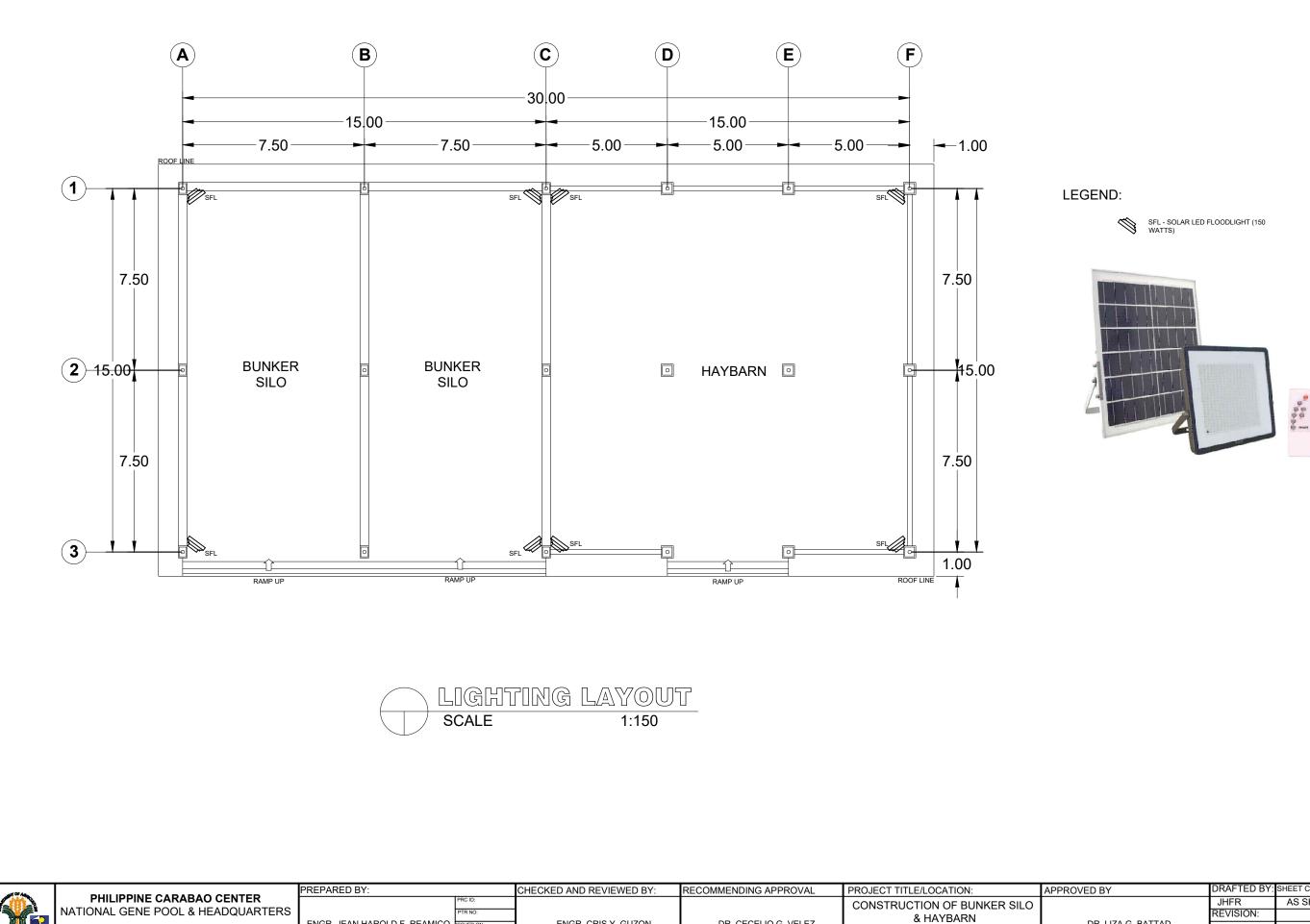
6 DIA. 8 DIA 10 DIA.

UNLESS OTHERWISE SPECIFIED, THICKNESS AND REINFORCEMENT OF R.C. SLABS FOR DIFFERENT TYPES

R SIZE	fc' = 20.7 MPa	fc' = 27.8 MPa
10	300	300
12	300	300
16	360	360
20	430	430
25	810	710
28	1,550	1,350
32	1,980	1,700
36	2,440	2,100

	ALLOWABLE	SLAB	REINFORCEMENT
	LIVE LOAD	THICKNESS	REINFORCEMENT
CIAL	4.8 kPa	0.100 M	10mm DIAMETER @ 300mm B.W.
	7.2 kPa	0.123 M	10mm DIAMETER @ 300mm B.W.
GARAGES	24.0 kPa	0.150 M	12mm DIAMETER @ 300mm B.W.
	48.0 kPa	0.200 M	12mm DIAMETER @ 300mm B.W. TOP & BOTTOM

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DR. LIZA G. BATTAD			\\11 14]/
EXECUTIVE DIRECTOR III.			\ <u>\</u> ''''''
HILIPPINE CARABAO CENTER			



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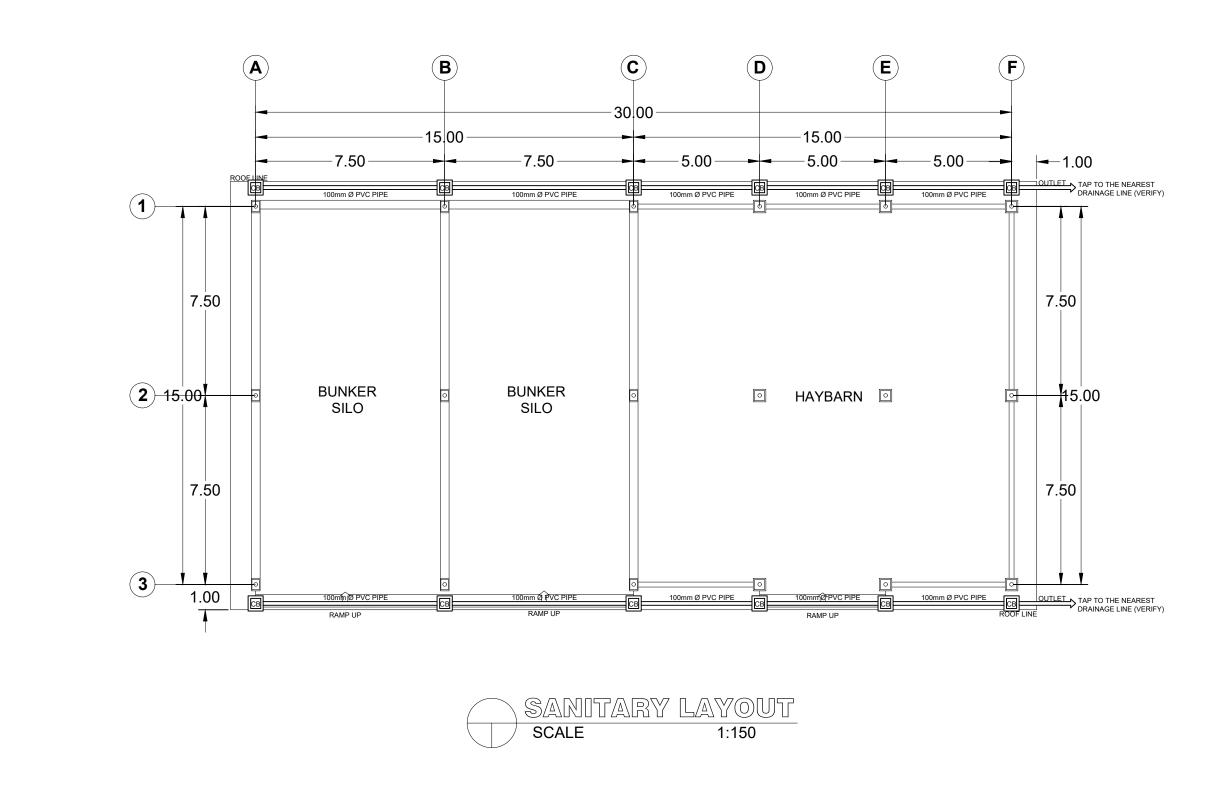
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DR. LIZA G. BATTAD			(12 14)
EXECUTIVE DIRECTOR III,			<u>"</u> "
PHILIPPINE CARABAO CENTER			

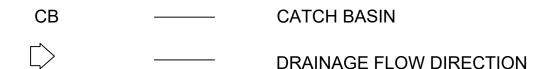
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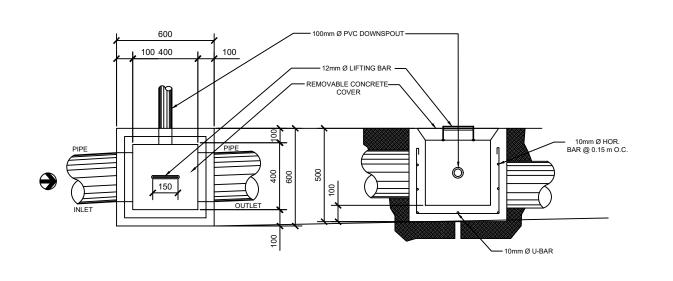
KALAWIT, ZAMBOANGA DEL NORTE



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nīa 🌄	CLSU Cpd., Science City of Munoz, Nueva Ecija	ENGR. JEAN HAROLD F. REAMICO ENGINEER I, LIVESTOCK ENGINEERING SECTION, PHILIPPINE CARABAO CENTER		ENGR. CRIS Y. GUZON HEAD, LIVESTOCK ENGINEERING SECTION, PHILIPPINE CARABAO CENTER	DR. CECELIO G. VELEZ CENTER CHIEF, PHILIPPINE CARABAO CENTER - MLPC	KALAWIT, ZAMBOANGA DEL NORTE	DR. LIZA G. BATTAD EXECUTIVE DIRECTOR III, PHILIPPINE CARABAO CENTER			1314

LEGEND & SYMBOL







GENERAL NOTES

1. GRADES AND HORIZONTAL PIPINGS: RUN ALL HORIZONTAL PIPINGS IN PERFECT ALIGNMENT AND AT A UNIFORM GRADE LESS THAN(2%) TWO PERCENT.

2. CHANGES IN DIRECTION:

ALL CHANGES IN DIRECTION SHALL BE MADE BY APPROPRIATE USE OF (45°FORTY FIVE DEGREES WYE, LONG SWEEP QUARTER QUARTER BEND SIX-EIGHT OR SIXTEENTH BENDS, WHEN THE CHANGE OF FLOW IS FROM HORIZONTAL TO VERTICAL, A SINGLE 1/8 BEND COMBINATION MAY BE USED ON VENT PIPES.

3. PROHIBITED FITTINGS:

NO DOUBLE HUB OR DOUBLE TEE BRANCH SHALL BE USED ON HORIZONTAL SOIL OR WASTE LINE THE DRILLINGS & TAPPINGS OF HOUSE DRAIN WASTE OR VENT PIPE & USE OF SADDLE HUB AND BENDS ARE PROHIBITED.

4. SLEEVES:

PROVIDE PIPE SLEEVES AT WALLS. COLUMNS OR SLABS ONE SIZE BIGGER THAN THE ACTUAL LINES PASSING THROUGH WALLS OR SLABS TO PROTECT PIPES FROM BREAKAGE.

5. PIPE CLEAN-OUTS:

CLEAN OUTS ARE REQUIRED UNDER THE FOLLOWING CONDITIONS A.) EVERY CHANGE IN HORIZONTAL DIRECTION EXCEEDING TWENTY TWO AND ONE-HALF DEGREES (22°1/2°) B.) ONE AND ONE HALF METERS(1.5mts.) INSIDE THE PROPERTY LINE BEFORE THE HOUSE DRAINAGE DIRECTION C.) EVERY FIFTEEN METERS (15m) IN HORIZONTAL PIPE D.) AT THE END OF ANY HORIZONTAL PIPE LINE;

6. ALL PLUMBING WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISION OF NATIONAL PLUMBING CODE & THE REQUIREMENTS OF THE LOCAL PLUMBING INSPECTION OFFICE & PERTINENT PROVISIONS OF THE EXISTING LOCAL BUILDING.

7. ALL PLUMBING WORKS SHALL BE DONE BY A LICENCE MASTER PLUMBER AND A LICENCE PLUMBING CONTRACTOR

• NOTE: VERIFY ACTUAL LOCATION OF STREET DRAINAGE AND WATER SOURCE FOR CONNECTION.

OF 44		PREPARED BY:	CHECKED AND REVIEWED BY:	RECOMMENDING APPROVAL	PROJECT TITLE/LOCATION:	APPROVED BY	DRAFTED BY:	SHEET CONTENTS:	SHEET No.
	PHILIPPINE CARABAO CENTER NATIONAL GENE POOL & HEADQUARTERS	PRC ID: PTR NO.			CONSTRUCTION OF BUNKER SILO		JHFR REVISION:	AS SHOWN	P-02
M 💙		ENGR. JEAN HAROLD F. REAMICO	ENGR. CRIS Y. GUZON	DR. CECELIO G. VELEZ	& HAYBARN				
	CLSU Cpd., Science City of Munoz, Nueva Ecija	PHILIPPINE CARABAO CENTER	AT: PHILIPPINE CARABAO CENTER	PHILIPPINE CARABAO CENTER - MLPC	KALAWIT, ZAMBOANGA DEL NORTE	PHILIPPINE CARABAO CENTER			