

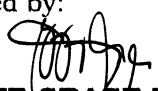
REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS
PAROLA, ILOILO CITY

DETAILED ENGINEERING DESIGN PLANS
UPGRADING OF SEED STORAGE WITH COLD STORAGE
HAMUNGAYA, BRGY. BUNTATALA, JARO, ILOILO CITY
(RICE PROGRAM- 2023)

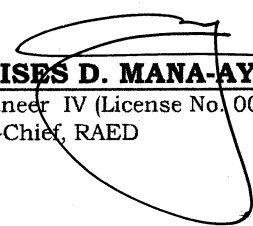
Prepared by:


JERRY B. GUANCO, ABE
Engineer II (License No. 007298)

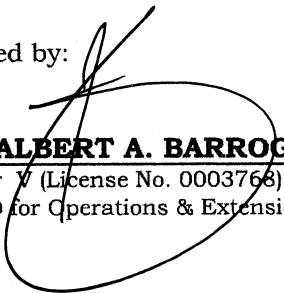
Reviewed by:

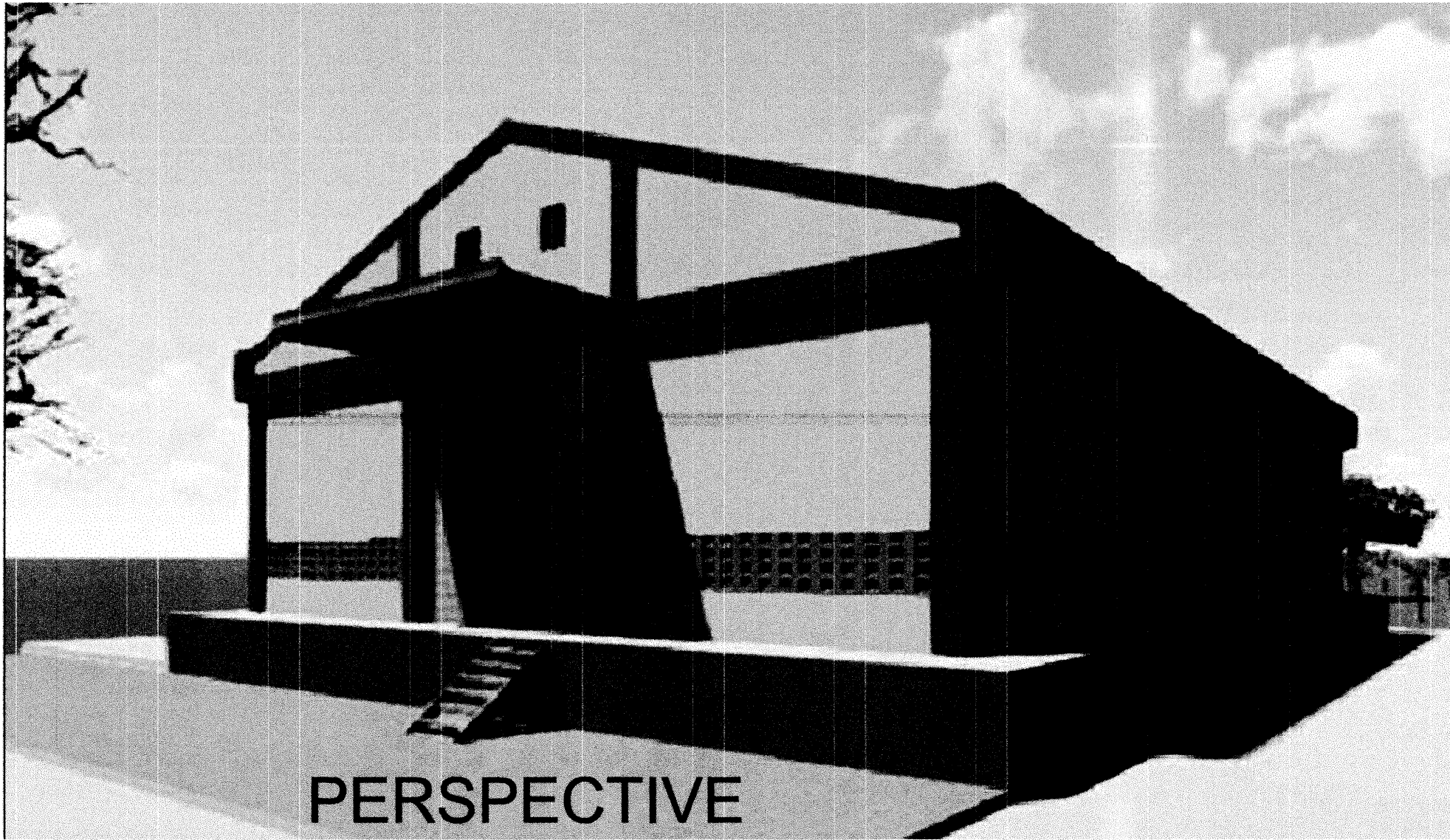

YVONNE GRACE H. SUR, ABE
Engineer III (License No. 0005970)
Head, EPDSS

Recommending Approval:


MOISES D. MANA-AY, ABE, MEE
Engineer IV (License No. 0006077)
OIC-Chief, RAED

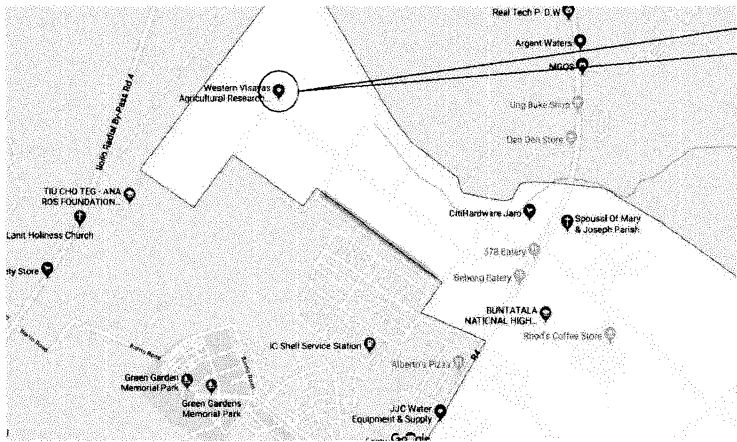
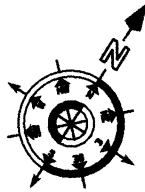
Approved by:


JOSE ALBERT A. BARROGO, ABE
Engineer V (License No. 0003768)
OIC-RTD for Operations & Extension





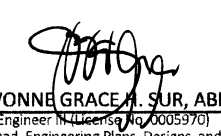
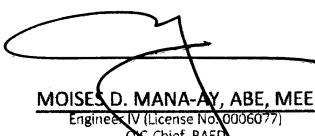

BILL OF QUANTITIES

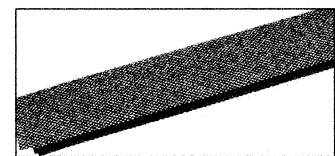
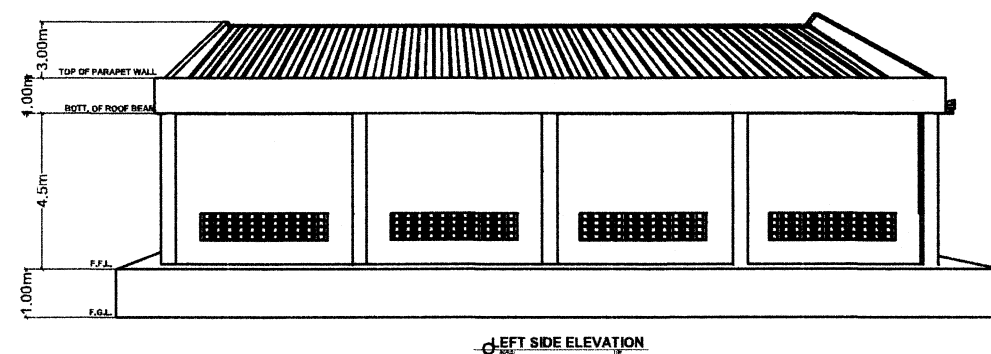
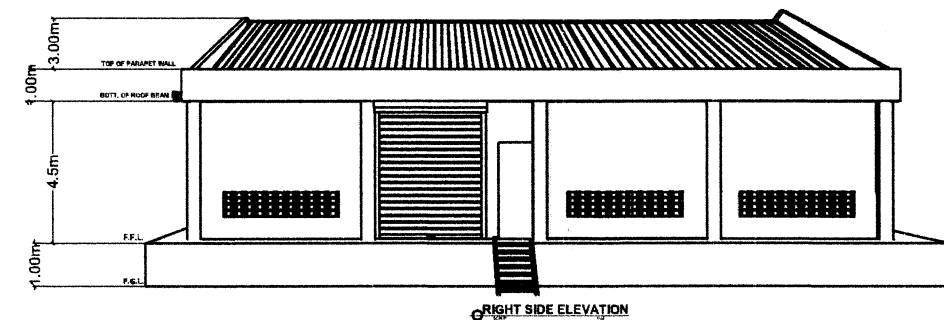
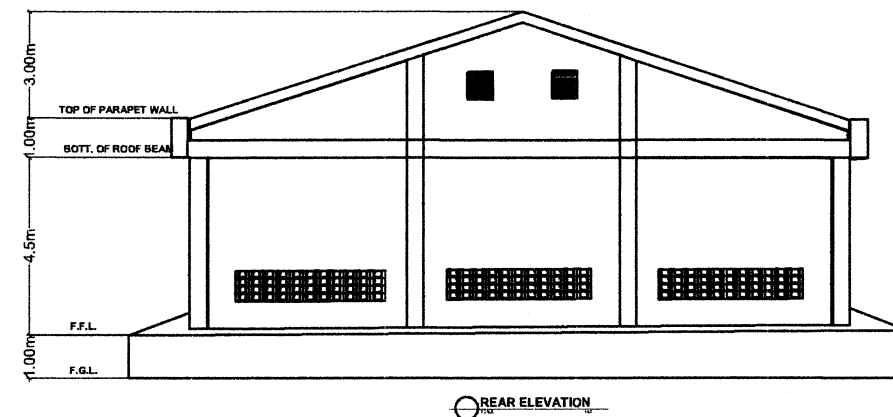
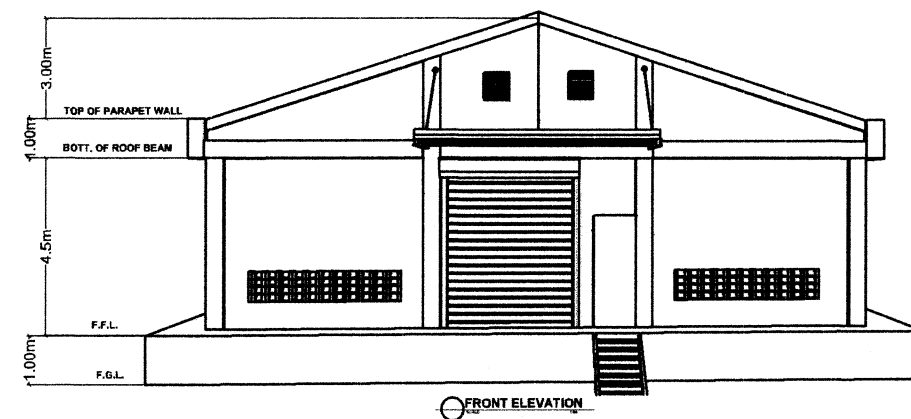
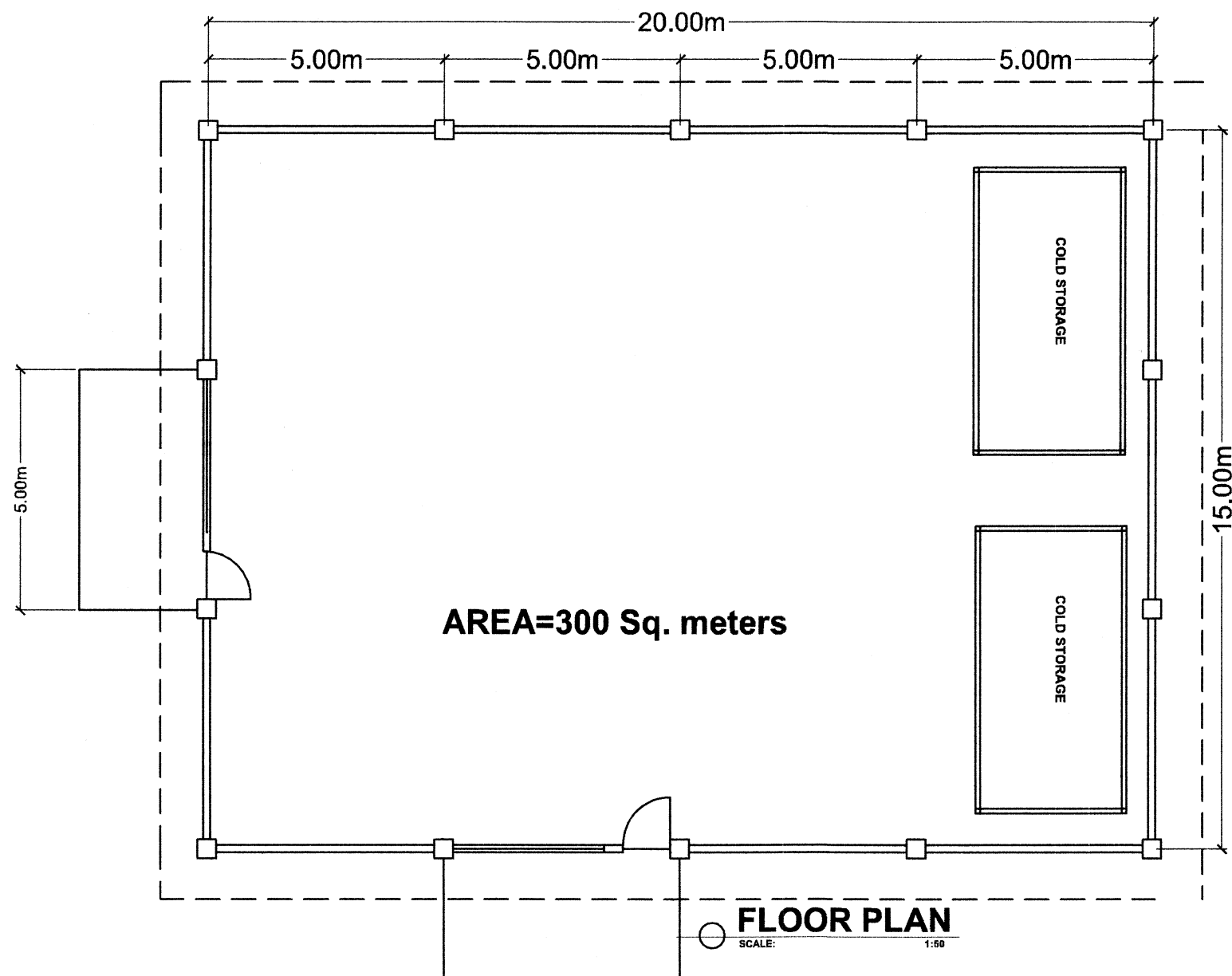
ITEM NO.	SCOPE OF WORKS	QUANTITY	UNIT
UPGRADING OF SEED STORAGE			
OTHER GENERAL REQUIREMENT			
B.1	Temporary Facility and Office Equipment	1.00	ls
B.5	Project Billboards, Signages and Barricades	1.00	ls
B.7	Occupational Safety and Health Program	1.00	ls
B.9	Moblization and Demobilization	1.00	ls
	Warehouse Equipment and other Accessories	1.00	ls
SITE WORKS			
	Demolition/Removal of existing delapidated reinforced concrete flooring with Disposal of waste materials	60.00	cu.m
801	Site Clearing(Removal of Agricultural Stocks and other Obstruction)	300.00	sq.m
804(4)	Gravel Bedding	30.00	cu.m
903(1)	Forms and Scaffoldings	1.00	ls
STRUCTURAL CONCRETE WORKS			
900	Structural Concrete(Replacement of concrete slab on grade)28Mpa	60.00	cu.m
902(1)	Reinforcing Steel Bar (Grade 40)	871.79	kgs
PAINTING WORKS			
1016(1)b	Waterproofing (Exterior wall,exterior and interior parapet wall ,Concrete Canopy and concrete gutter)3 coats	554.40	sq.m
1032 (1) a	Painting Works(Masonry/Concrete)	396.40	sq.m
1032 (1) c	Painting Works for Steel (Container Van,Stair Ladder,steel Door,Trusses,purlins, sagrod,cross bracing ,plates and other steel materials)	1.00	ls
DOORS and LOUVER (SCREEN DOOR AND LOUVER SCREEN)			
1010(2)	Aluminum Screen Door and concrete louver(Replacement of Existing 2 delapidated Screen Door and louver screen)	52.04	sq.m
ACCESS ROAD			
SITE WORKS			
100	Site Clearing/Resurfacing	400.00	sq.m
REINFORCED CONCRETE WORKS			
200	Aggregate Subbase Course	48.00	cu.m
311	Portland Cement Concrete Pavement(PCCP)	64.00	cu.m
302	Reinforcing Steel (Grade 40)	692.80	kgs
403	Forms and false Works	1.00	ls



THIS SITE

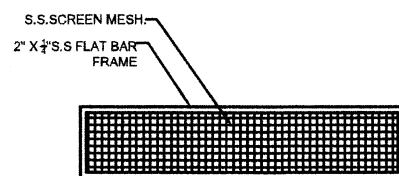
VICINITY MAP

IMPLEMENTING AGENCY:  REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY		PROJECT NAME & LOCATION: UPGRADING OF SEED STORAGE(WITH COLD STORAGE) BRGY. BUNTATALA,TAGBAK, JARO,ILOILO CITY	SHEET CONTENTS: -PERSPECTIVE -VICINITY MAP -SUMMARY OF QUANTITIES CAD BY: M.A.LOYOLA	PREPARED BY:  JERRY B. GUANCO, ABE Engineer II (License No. 007298)	REVIEWED BY:  YVONNE GRACE A. SUR, ABE Engineer III (License No. 0005970) Head, Engineering Plans, Designs, and Specifications Section	RECOMMENDING APPROVAL:  MOISES D. MANA-AY, ABE, MEE Engineer IV (License No. 00036077) OIC-Chief, RAED	APPROVED BY:  JOSE ALBERT A. BARROGO, ABE Engineer V (License No. 0003768) OIC-RTD for Operations & Extension	SHEET NO.: A 1 PAGE NO.: 1 G
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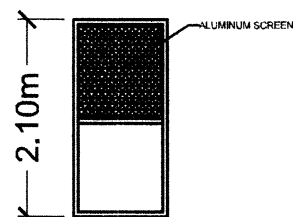
S.S. SCREEN MESH GUTTER LEAF GUARD

SCALE: 1:50



LOUVER SCREEN DETAIL

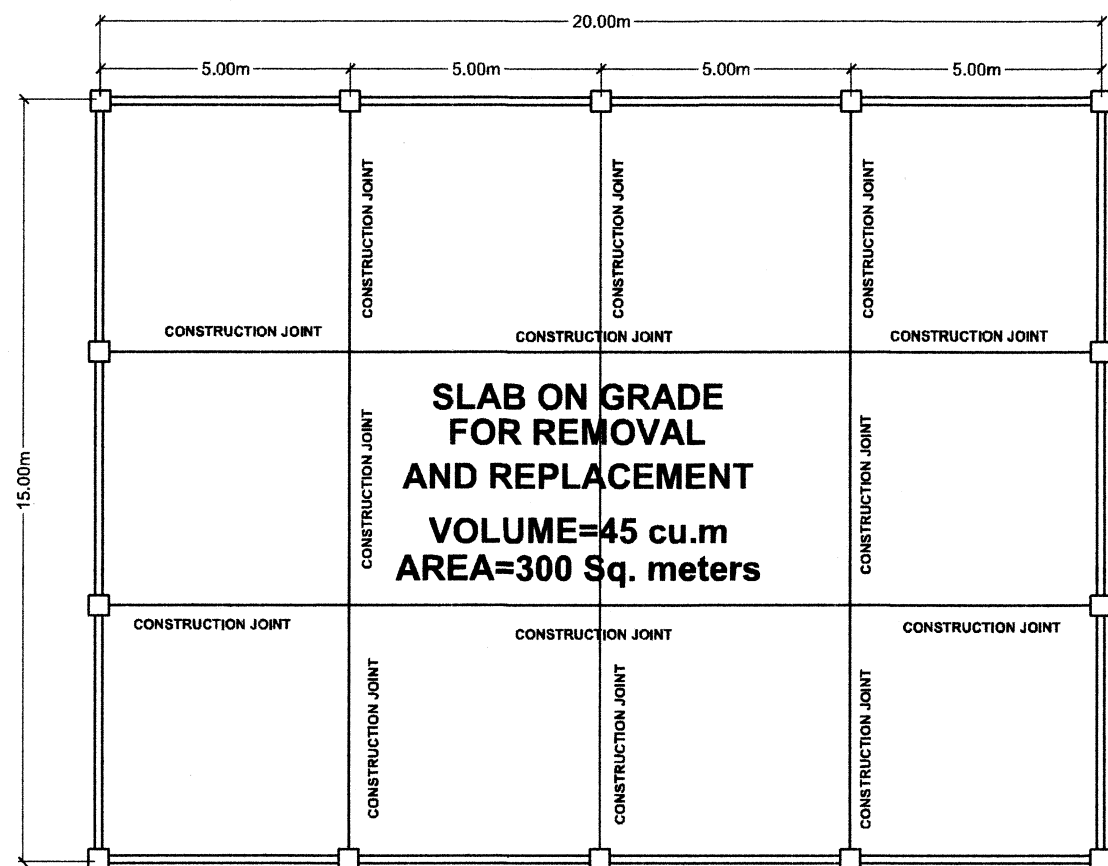
SCALE: 1:50



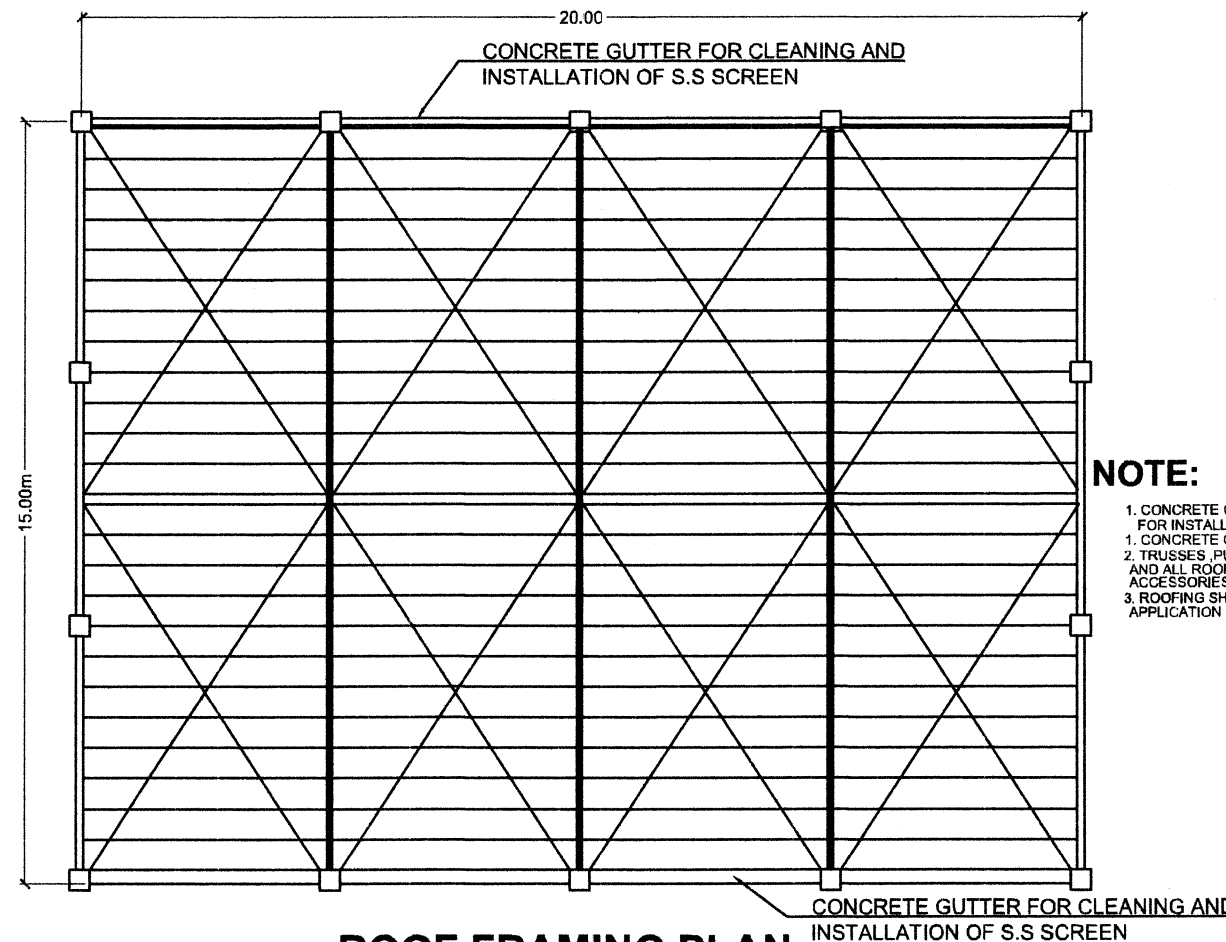
ALUMINUM SCREEN DETAIL

SCALE: 1:50

<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>UPGRADING OF SEED STORAGE(WITH COLD STORAGE) BRGY. BUNTATALA,TAGBAK, JARO,ILOILO CITY</p>	<p>SHEET CONTENTS:</p> <ul style="list-style-type: none"> -FLOOR PLAN - SCREEN MESH GUTTER GUARD -LOUVER SCREEN DETAIL -ALUMINUM SCREEN DETAIL -ELEVATIONS <p>M.A.LOYOLA</p>	<p>PREPARED BY:</p> <p><i>Jerry B. Guanco</i> JERRY B. GUANCO, ABE Engineer IV (License No. 007298)</p>	<p>REVIEWED BY:</p> <p><i>Yvonne Grace H. Sur</i> YVONNE GRACE H. SUR, ABE Engineer IV (License No. 0005970) Head, Engineering Plans, Designs, and Specifications Section</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Moses D. Manay</i> MOSES D. MANAY, ABE, MEE Engineer IV (License No. 0006077) OIC-Chief, RAED</p>	<p>APPROVED BY:</p> <p><i>Jose Albert A. Barrogo</i> JOSE ALBERT A. BARROGO, ABE Engineer V (License No. 0003768) OIC-RTD for Operations & Extension</p>	<p>SHEET NO.:</p> <p>A 2</p> <p>PAGE NO.:</p> <p>2 6</p>
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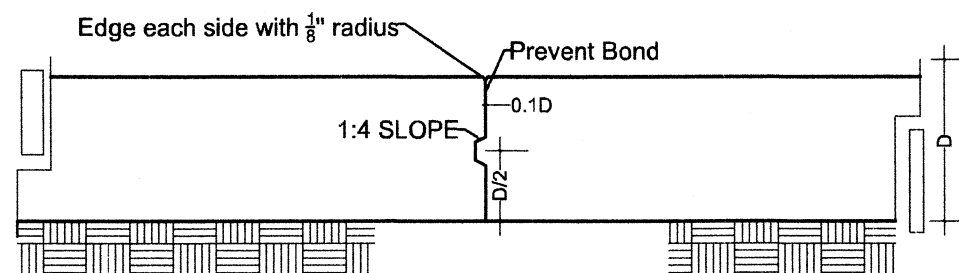
FOUNDATION PLAN
SCALE: 1:10



ROOF FRAMING PLAN
SCALE: 1:10

NOTE:

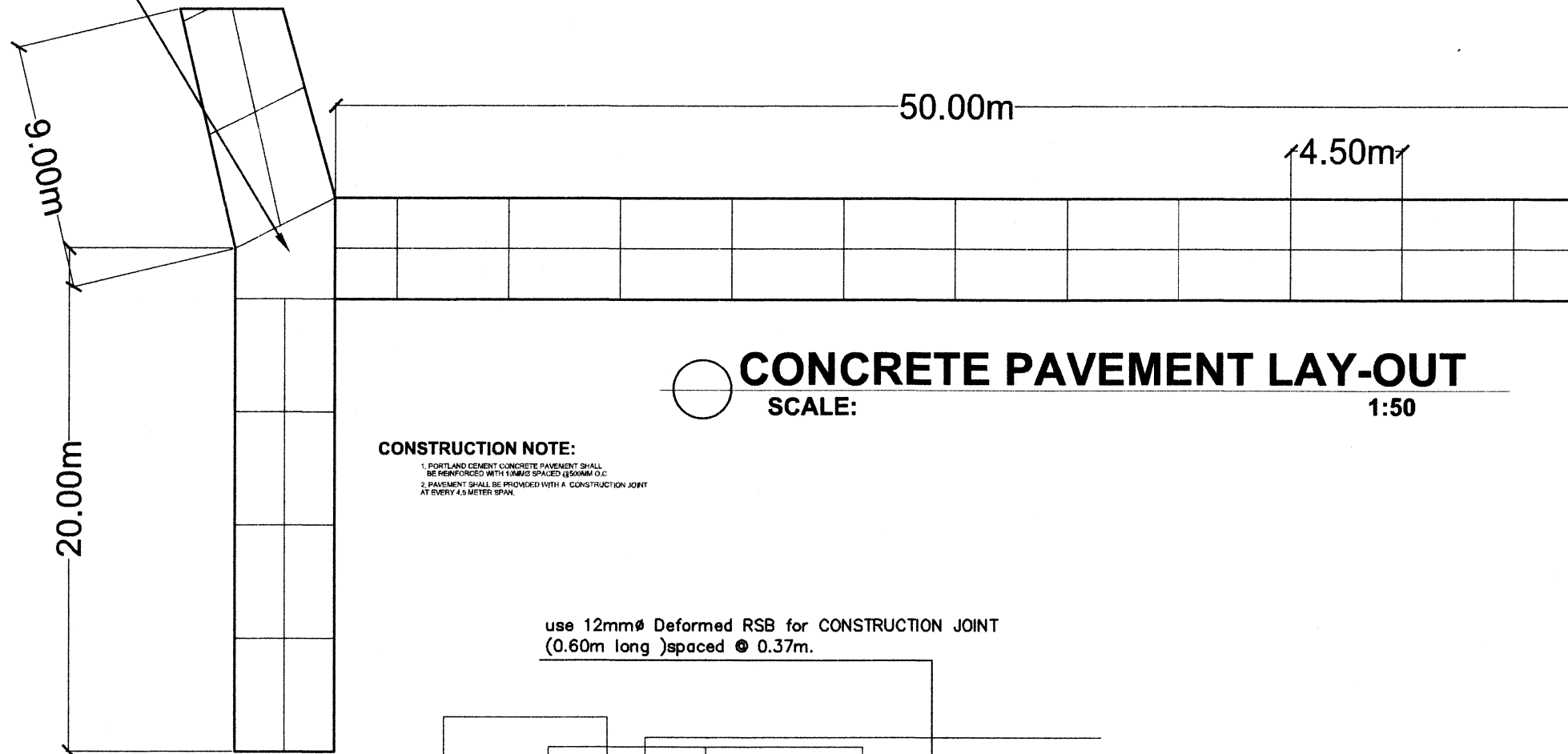
1. CONCRETE GUTTER FOR CLEANING AND FOR INSTALLATION OF S.S GUTTER SCREEN LEAF GUARD
2. TRUSSES, PURLINS, CROSS BRACING, SAGROD AND ALL ROOF FRAMING MATERIALS AND ACCESSORIES FOR PAINTING
3. ROOFING SHEET WITH HOLES AND LEAKAGE IS FOR APPLICATION OF SEALANT AND ANY WATER PROOFING



TYPICAL CONSTRUCTION JOINT DETAIL
SCALE: 1:50

<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>UPGRADING OF SEED STORAGE (WITH COLD STORAGE) BRGY. BUNTATALA, TAGBAK, JARO, ILOILO CITY</p>	<p>SHEET CONTENTS:</p> <p>-FOUNDATION PLAN -ROOF FRAMING PLAN TYPICAL CONSTRUCTION JOINT DETAIL</p> <p>CAD BY: M.A. LOYOLA</p>	<p>PREPARED BY:</p> <p><i>[Signature]</i> JERRY B. GUANCO, ABE Engineer II (License No. 007298)</p>	<p>REVIEWED BY:</p> <p><i>[Signature]</i> YVONNE GRACE A. SUR, ABE Engineer III (License No. 0005970) Head, Engineering Plans, Designs, and Specifications Section</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>[Signature]</i> MOISES D. MANA-AY, ABE, MEE Engineer IV (License No. 0006077) OIC-Chief, RAED</p>	<p>APPROVED BY:</p> <p><i>[Signature]</i> JOSE ALBERT A. BARROGO, ABE Engineer V (License No. 0003768) OIC-CTD for Operations & Extension</p>	<p>SHEET NO.: S-1 1</p> <p>PAGE NO.: 3 6</p>
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TRANSITION.



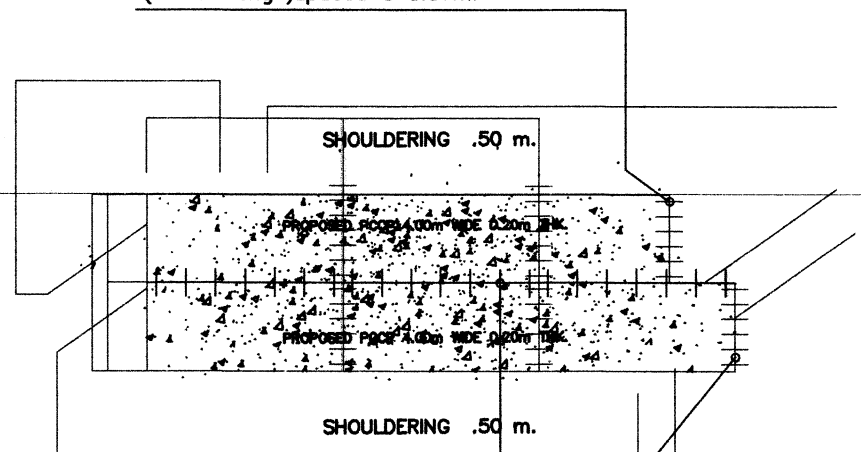
CONCRETE PAVEMENT LAY-OUT

SCALE: 1:50

CONSTRUCTION NOTE:

1. PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE REINFORCED WITH 12MM SPACED @ 300MM O.C.
2. PAVEMENT SHALL BE PROVIDED WITH A CONSTRUCTION JOINT AT EVERY 4.5 METER SPAN.

use 12mm ϕ Deformed RSB for CONSTRUCTION JOINT
(0.60m long)spaced @ 0.37m.

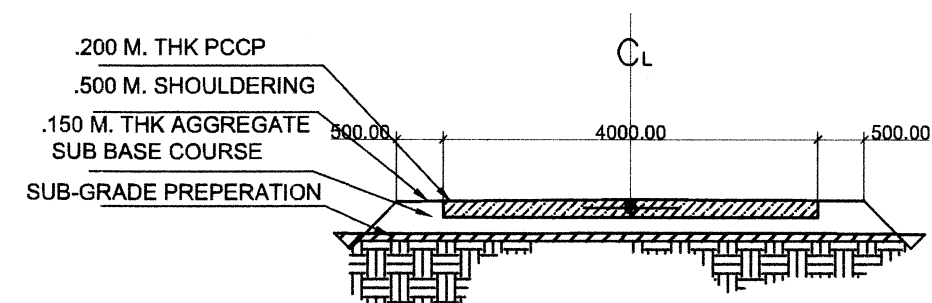


use 12mm ϕ deformed RSB for LONGITUDINAL JOINT
(0.60m long)spaced @ 0.60m.

use 12mm ϕ plain RSB for WEAKENED / CONTRACTION JOINT
(L = 0.60m)with 1 1/2" GI pipe sleeve (L = 0.30m)spaced @ 0.37m.

PAVEMENT LAY OUT PLAN

SCALE 1 : 1 0 0 m.



TYPICAL ROAD SECTION

SCALE 1 : 1 0 0 m.

<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>UPGRADING OF SEED STORAGE(WITH COLD STORAGE) BRGY. BUNTATALA,TAGBAK, JARO,ILOILO CITY</p>	<p>SHEET CONTENTS:</p> <p>CONCRETE PAVEMENT LAY-OUT</p> <p>TYPICAL ROAD SECTION</p> <p>CAD BY: M.A.LOYOLA</p>	<p>PREPARED BY:</p> <p><i>[Signature]</i> JERRY B. GUANCO, ABE Engineer I (License No. 007298)</p>	<p>REVIEWED BY:</p> <p><i>[Signature]</i> YVONNE GRACE M. SUR, ABE Engineer II (License No. 0005970) Head, Engineering Plans, Designs, and Specifications Section</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>[Signature]</i> MOISES D. MANA-AY, ABE, MEE Engineer IV (License No. 0006077) OIC-Chief, AED</p>	<p>APPROVED BY:</p> <p><i>[Signature]</i> JOSE ALBERT A. BARROGO, ABE Engineer V (License No. 0003768) OIC-RTD for Operations & Extension</p>	<p>SHEET NO. : S-2 PAGE NO. : 4 6</p>
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REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS
ILOILO CITY

Name of Project:
Location:

CONTRACTOR :
DATE STARTED :
CONTRACT COMPLETION DATE :
CONTRACT COST :

IMPLEMENTING OFFICE : DEPARTMENT OF AGRICULTURE FIELD OFFICE VI
SOURCE OF FUND :

- THE BILLBOARD DESIGN LAYOUT AND DIMENSION SHALL BE ON A STANDARD BILLBOARD MEASURING 1200 mm x 2400 mm (4FT x 8FT.) USING 12 mm (½ INCH) THICK MARINE PLYWOOD OR TARPAULIN POSTED ON 5 mm (3/16 INCH) MARINE PLYWOOD.
- THE BILLBOARD SHALL BE INSTALLED IN FRONT OF THE PROJECT SITE.

PROJECT SIGNBOARD

SCALE: NTS

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS
ILOILO CITY

PROJECT :
LOCATION :

FUND SOURCE/S :

IMPLEMENTING AGENCY : DEPARTMENT OF AGRICULTURE FIELD OFFICE VI
DEVELOPMENT PARTNER/S :
CONTRACTOR SUPPLIER :
BRIEF 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 OR 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

TARPAULIN, WHITE, 8 FT x 8 FT
RESOLUTION: 70 DPI
FONT: HELVETICA
FONT SIZE: MAIN INFORMATION - 3"
SUB INFORMATION - 1"
FONT COLOR: BLACK

COA BILLBOARD

SCALE: NTS

<div><div></div><div>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY</div></div>	PROJECT NAME & LOCATION :	SHEET CONTENTS :	PREPARED BY :	REVIEWED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET NO. :
	UPGRADING OF SEED STORAGE (WITH COLD STORAGE) BRGY. BUNTATALA, TAGBAK, JARO, ILOILO CITY	PROJECT SIGNBOARD - COA BILLBOARD	<div><div></div><div>JERRY B. JUANCO, ABE Engineer III (License No. 007298)</div></div>	<div><div></div><div>YVONNE GRACE H. SUR, ABE Engineer III (License No. 005970) Head, Engineering Plans, Designs, and Specifications Section</div></div>	<div><div></div><div>MOISES D. MANA-AY, ABE, MEE Engineer IV (License No. 0006077) OIC-Chief, RAED</div></div>	<div><div></div><div>JOSE ALBERT A. BARROGO, ABE Engineer V (License No. 0003768) OIC-RTD for Operations & Extension</div></div>	<div><div></div><div></div></div>
	CAD BY : JM PEREGRINA						<div><div></div><div>6</div></div>