

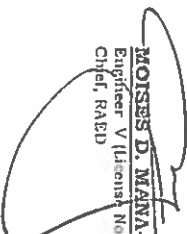
REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS

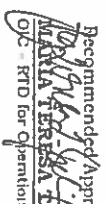
DETAILED ENGINEERING DESIGN PLAN
ESTABLISHMENT OF AGLOWAY SPIS

BRGY. AGLOWAY, PANITAN, CAPIZ

DA- HVCDP (2025)

Submitted by:

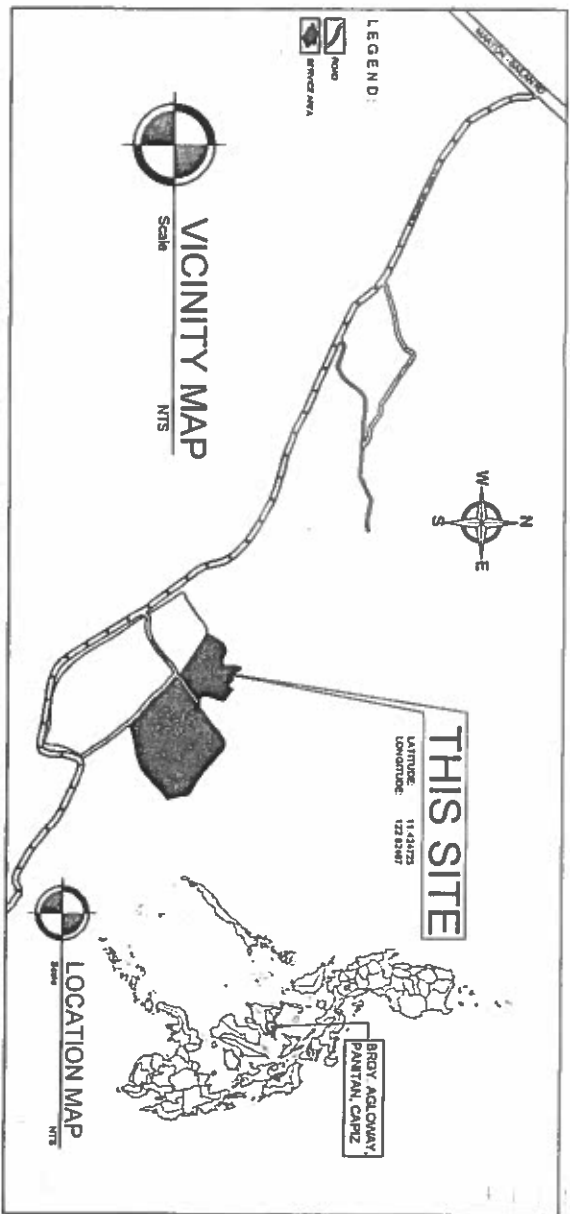

MOISES D. MANNA-AY, ABE, MEE
Engineer V (License No. 0006077)
Chief, RAED

Recommended/Approval:

MARIA TERESA T. SOLIS
OC - RTD for Operations

Approved by:


DENNIS R. ARPJA
Director IV
Regional Executive Director

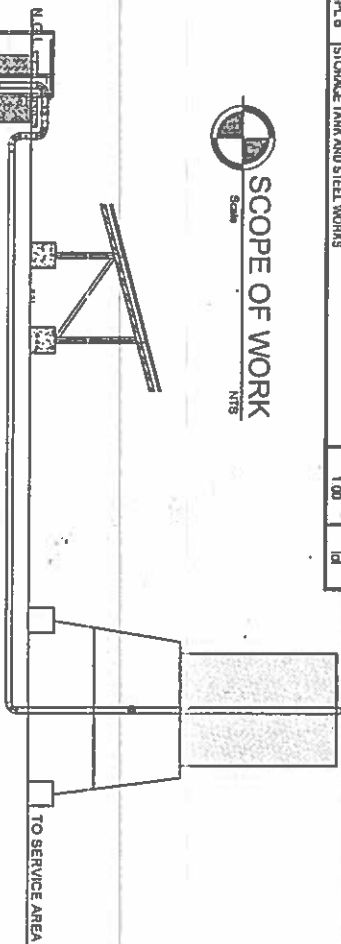
Item No.	Scope of Works	Quantity	Unit
1	GENERAL REQUIREMENT		
B.5	PROJECT MARKER & SIGNBOARD/BILLBOARD (1.4m and 1.6-1.8)	1.00	lot
SPL.1	MODULATED CONCRETE EXCAVATION	1.00	lot
B.7 (2)	OCCUPATIONAL SAFETY AND HEALTH	1.00	lot
BDD.0	CLEARING AND LAY OUT	80.00	m ²
1.0	WELL CONSTRUCTION	1.00	lot
II	SOLAR PUMP/BAV/RAV/MOUNTING STRUCTURE/PIPES		
B03.0	STRUCTURE EXCAVATION (FOR FOUNDATION/PEDESTAL AND PSES)	19.90	m ³
404.0	REINFORCING STEEL BARS	203.70	kg
414.0	FORMWORKS	8.96	m ²
405.0	CONCRETE FOUNDATION/PEDESTAL (CONC B)	2.18	m ³
1705.0	STRUCTURE BACKFILL	15.46	m ³
SPL.3	SOLAR POWER MODULE MOUNTING STRUCTURE	1.00	lot
SPL.4	SOLAR POWER MODULES - 300WP (maximum)	5.00	units
SPL.5	INVERTER & CONTROLLER - 3kW (maximum)	1.00	lot
1001.2.1	SOLAR PUMP (SUBMERSIBLE) - 2 HP (maximum)	1.00	lot
1001.0	PIPES & FITTINGS	1.00	lot
II	ELEVATED TANK, PSES, FITTING AND VALVES		
1702.0	STRUCTURE EXCAVATION (PEDESTAL)	2.39	m ³
1705.0	STRUCTURAL BACKFILL	0.36	m ³
404.0	REINFORCEMENT STEEL BAR	82.22	kg
405.0	CONCRETE WORKS (CLASS A)	0.79	m ³
1707.0	FORMWORKS	5.60	m ²
SPL.6	STORAGE TANK AND STEEL WORKS	1.00	lot



SCOPE OF WORK

Scale

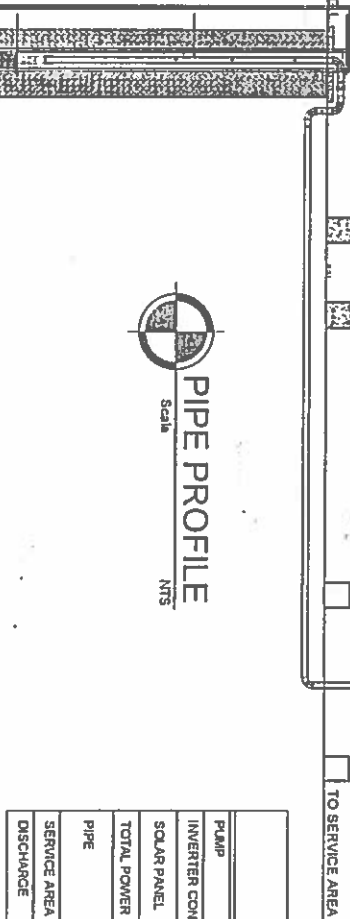
NTS



PIPE PROFILE

Scale

NTS



TECHNICAL DATA	
PUMP	1 UNIT 2.0 HP SUBMERSIBLE PUMP
INVERTER CONTROLLER	1 UNIT 3.0 KW
SOLAR PANEL	6 PCS SOLAR MODULES (550 WATT - PEAK/MODULE)
TOTAL POWER	3,300 WATT/PEAK
PIPE	2" PE PIPE SDR 11
SERVICE AREA	3 ha.
DISCHARGE	6.70 cu.m./hr

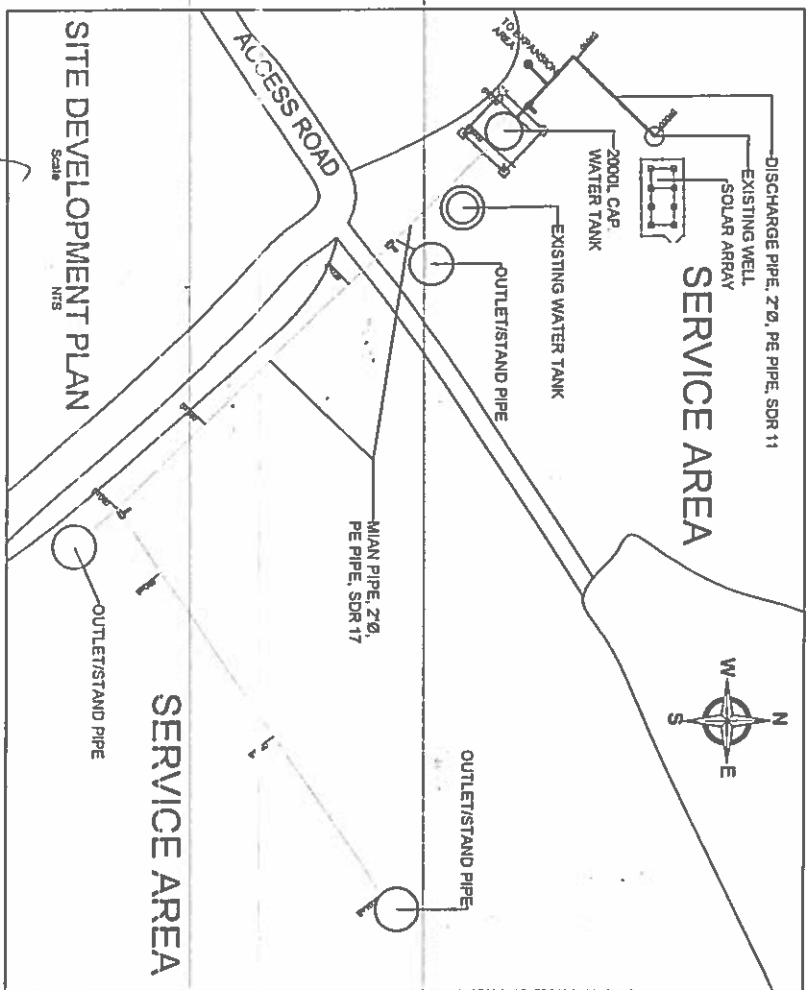
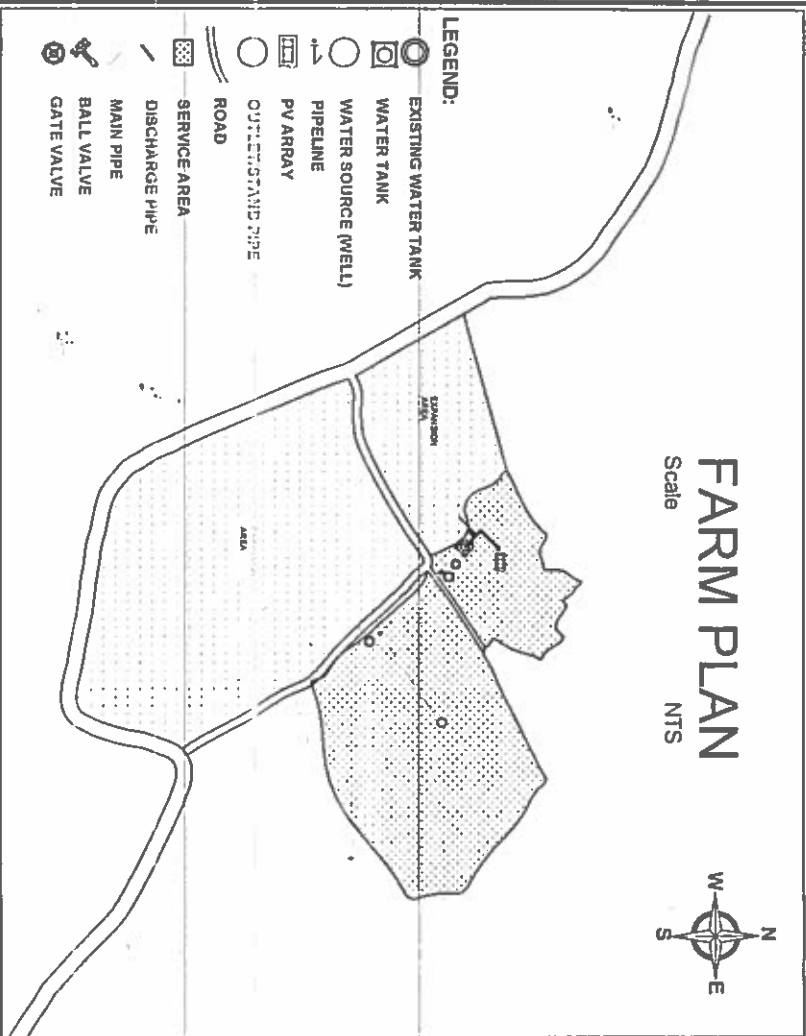
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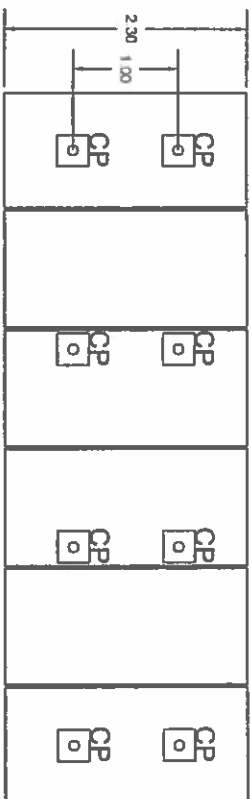
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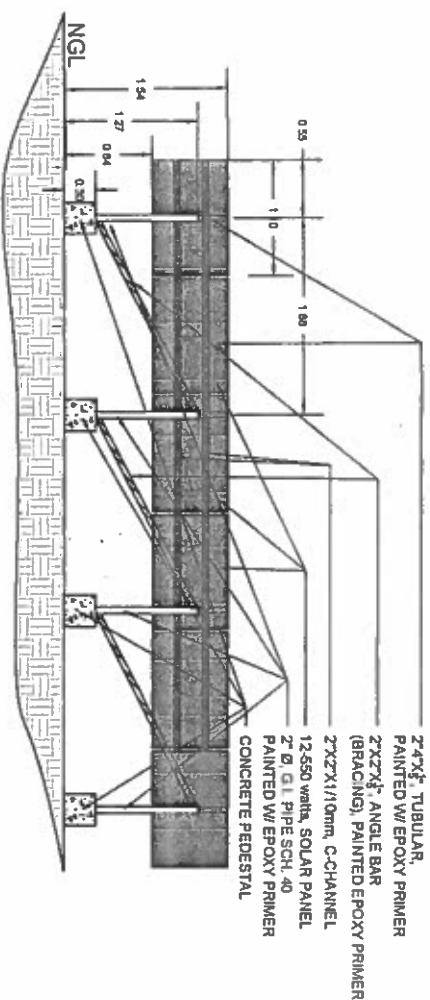
PROJECT NAME	LOCATION	SCOPE OF WORK	APPROVED BY	DATE	REMARKS	APPROVED BY	DATE	REMARKS
ESTABLISHMENT OF AGLOWAY SPRIS	PAROLA, ILOILO CITY	LOCATION MAP, PRELIMINARY DESIGN, PIPING, PUMP, INVERTER, SOLAR PANEL, STORAGE TANK, PSES, FITTING AND VALVES	RODOLFO SALVADOR, ABE	2023-11-15	YORKIE OR ABE, SUP. ABE	MOSES D. MANAY ABE, DIE	2023-11-15	MARKA TENSAT, SOLIS
BRGY. AGLOWAY, PANTAL, CARZ	PAROLA, ILOILO CITY	SCOPE OF WORK, LOCATION MAP, PRELIMINARY DESIGN, PIPING, PUMP, INVERTER, SOLAR PANEL, STORAGE TANK, PSES, FITTING AND VALVES	RODOLFO SALVADOR, ABE	2023-11-15	YORKIE OR ABE, SUP. ABE	MOSES D. MANAY ABE, DIE	2023-11-15	MARKA TENSAT, SOLIS



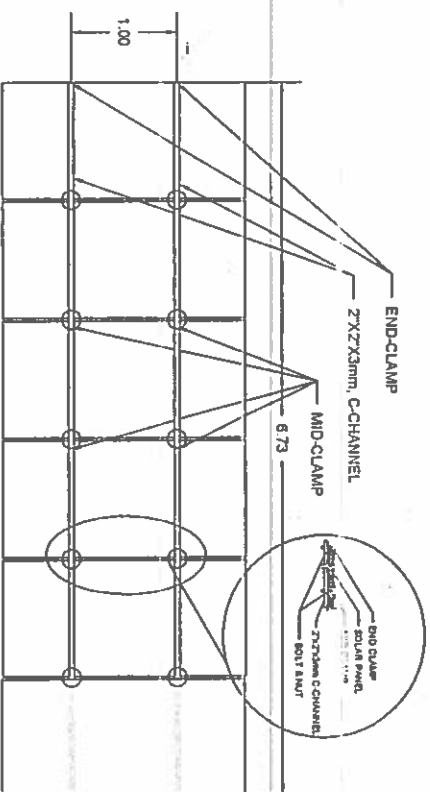
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY		PROJECT NAME / LOCATION ESTABLISHMENT OF AGLOWAY SHIS		PROJECT CONTROLS FARM PLAN SITE DEVELOPMENT PLAN		DESIGNER ROLAND V. SALVADOR, ABE ENGINEER (LICENSED ARCHITECT)		CHECKER YVONNE GRADE H SUR, ABE ENGINEER (LICENSED ARCHITECT)		DESIGNER MOSES D. MANAY ABE, MEE ENGINEER (LICENSED ARCHITECT)		DESIGNER MARIA TERESITA SOLIS ENGINEER (LICENSED ARCHITECT)		DESIGNER DESA ARPIA ENGINEER (LICENSED ARCHITECT)		PROJECT NO. 1 PAGE NO. 2 TOTAL PAGES 7	
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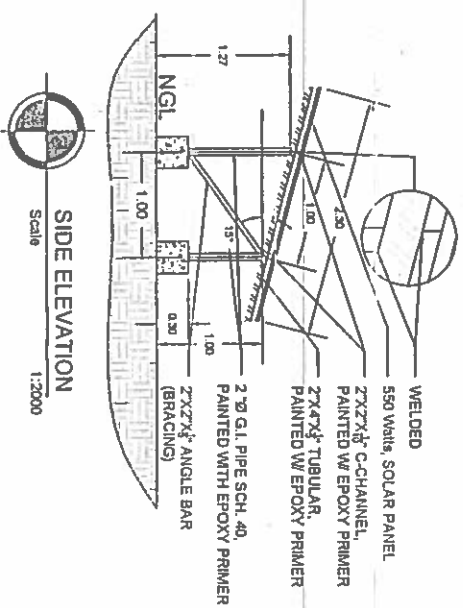
FOUNDATION PLAN
Scale 1:2000



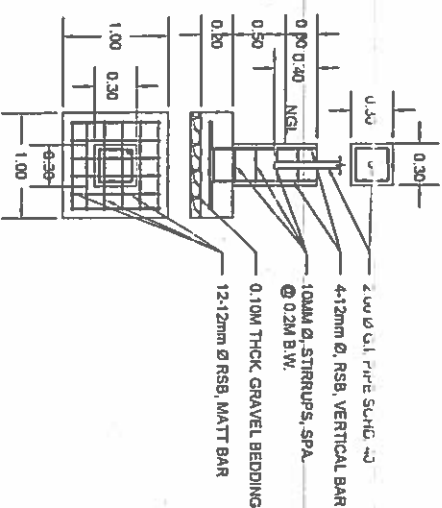
FRONT ELEVATION
Scale 1:2000



TOP ELEVATION
Scale 1:2000

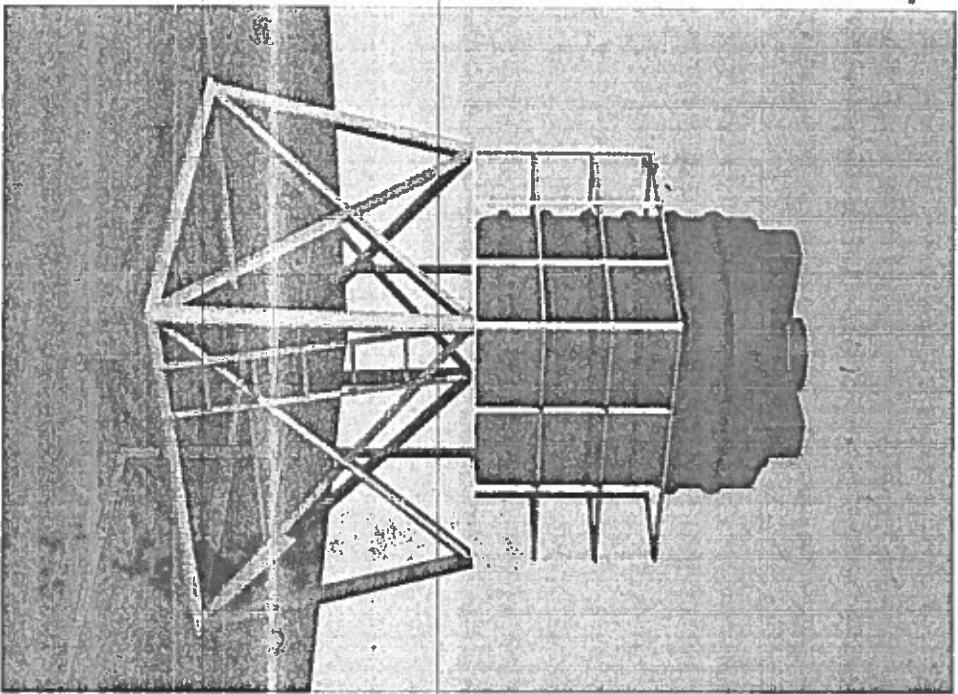


SIDE ELEVATION
Scale 1:2000

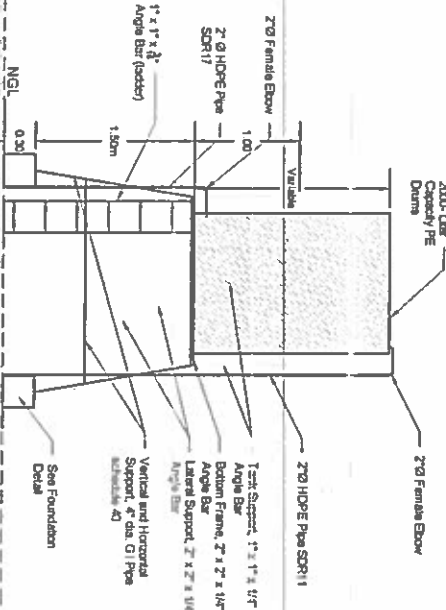
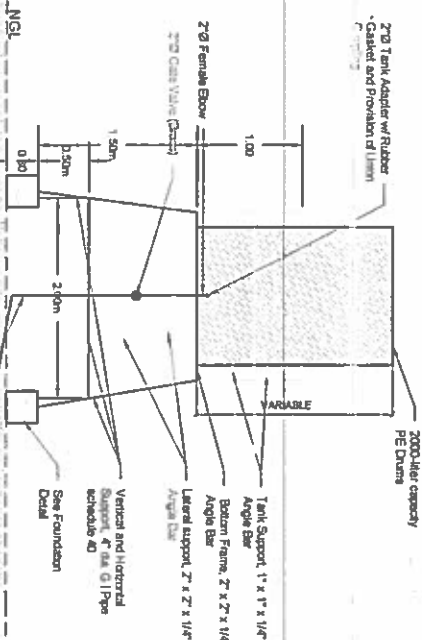
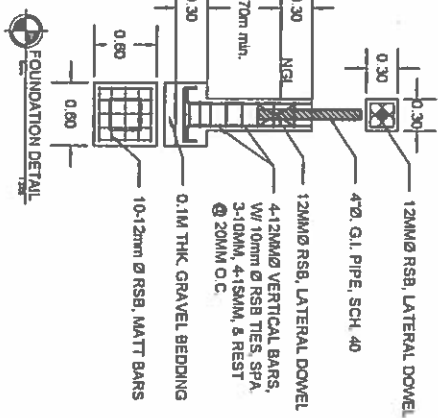
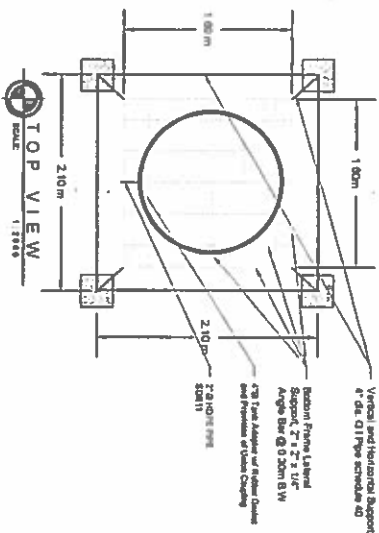


CONCRETE PEDESTAL DETAIL
Scale 1:2000

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY	PROJECT NAME & LOCATION ESTABLISHMENT OF AGLOWAN SHS	PROJECT NO. R. SALVADOR	DATE OF PREPARED BY R. SALVADOR, ABE	DATE OF REVIEW YOUNG GRAVE, SUR, ABE	DATE OF APPROVAL MOSES D. MANAAY, ABE	DATE OF REVISION MARK TERESA T. SOLIS	DATE OF APPROVAL DENNIS R. APPA	DATE OF REVIEW 4
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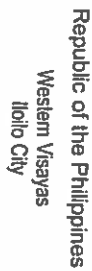


PERSPECTIVE VIEW
Scale
NTS



FRONT ELEVATION
SCALE
1:3000

SIDE ELEVATION
SCALE
1:3000



Critical Path:	
No. of Days of CP:	34
Sundays and Holidays:	6
Total Number of C.D.:	40

[illegible]