



Republic of the Philippines  
**COMMISSION ON AUDIT**  
**Regional Office No. IX**  
Cabatangan Hills, Zamboanga City

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## **BIDDER'S CERTIFICATION**

This is to certify that I have received from the canvasser of the Commission on Audit, Regional Office No. IX, this City, a copy of Canvass/Bid No. 23 – 07 – 008 dated July 24, 2023 as indicated by my signature hereunder.

<b>Bidder/Dealer</b>	<b>Print Name</b>	<b>Signature</b>	<b>Date</b>	<b>Tel. No.</b>

## **CANVASSERS' CERTIFICATION**

We hereby certify that we have delivered a copy of Canvass/Bid to be opened on August 2, 2023 / 9:30am to the above dealers or bidders.  
(Date/Time)

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**CANVASSER**

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**CANVASSER**

**VARIOUS REPAIRS ROIX**  
PR No. 23-157 dated June 29, 2023

Republic of the Philippines  
Commission on Audit  
Cabatangan Hills, Zamboanga City –7000  
Tel. No. 955-5883

Name of the Procuring Entity

PR No. : PR No. 23-157 dated June 29, 2023  
VARIOUS REPAIRS ROIX

Standard Form Number:SF-Good-60

Revised on : May 24,2004  
Standard form Title: Requested for Quotation

Date: July 24, 2023  
Quotation No. : 23-07-008

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Please quote your lowest price on the item/s listed below, subject to the General Conditions on the last page, stating shortest time of delivery and submit your quotation duly signed by your representative not later than August 2, 2023, 9:30 AM \_\_\_\_\_. In the return attached herewith or at this email address: [bacsec.coaro9@gmail.com](mailto:bacsec.coaro9@gmail.com)

NOTE:

- 1. ALL ENTRIES MAY BE TYPEWRITTEN OR HANDWRITTEN
- 2. WARRANTY SHALL BE FOR A PERIOD OF SIX (6) MONTHS FOR SUPPLIES & MATERIALS, ONE (1) YEAR FOR EQUIPMENT, FROM THE DATE OF ACCEPTANCE BY THE PROCURING ENTITY.
- 3. PRICE VALIDITY SHALL BE FOR THE PERIOD OF \_\_\_\_\_ CALENDAR DAYS
- 4. PHILGEPS REGISTRATION CERTIFICATION/NUMBER & BUSINESS PERMIT SHALL BE ATTACHED UPON SUBMISSION OF THE QUOTATION
- 5. DETAILED ESTIMATES SHALL BE ATTACHED UPON SUBMISSION OF THE QUOTATION
- 6. VALID PCAB LICENSE SHALL BE ATTACHED UPON SUBMISSION OF THE QUOTATION

ABC		107,498.96			
No.	ITEM DESCRIPTION	QTY.	Unit	Unit Price	Total Amount
1	Construction of Drainage System and Installation of Gutter at Staff House				
I	Structure Excavation	6.05	cu.m		
II	Structural Concrete	0.84	cu.m		
III	Reinforcing Steel	133.33	kg		
IV	100mm CHB Non Load Bearing	13.44	sq.m		
V	Cement Plaster Finish	25.20	sq.m		
VI	Drainage Grates	1.00	lot		
VII	Gutter	1.00	lot		
	Contract Duration: 14 Calendar Days				
	Location: COA ROIX, Cabatangan, Zamboanga City				

ABC		88,806.34			
No.	ITEM DESCRIPTION	QTY.	Unit	Unit Price	Total Amount
2	Fabrication & Installation of Steel Stairs				
I	Scaffoldings	1.00	lot		
II	Stairs	1.00	lot		
	Contract Duration: 10 Calendar Days				
	Location: COA ROIX, Cabatangan, Zamboanga City				

ABC		280,665.00			
No.	ITEM DESCRIPTION	QTY.	Unit	Unit Price	Total Amount
3	Conversion/Replacement of Fluorescent linear tube to T8 LED Tube				
	Labor:				
	Electritian	1	UNIT		
	Materials:				
	T8 Led Tube - 18 watts	240	pcs		
	T8 Led Tube Holder/Socket	480	pcs		
	LED bulb / Pin Light	40	pcs		
	Electrical Tape	5	pcs		
	THHN / THWN-2 Wire 3.5mm (150 mtrs)	2	pcs		
	Contract Duration: 30 Calendar Days				
	Location: COA ROIX, Cabatangan, Zamboanga City				

ABC			172,587.57		
No.	ITEM DESCRIPTION	QTY.	Unit	Unit Price	Total Amount
4	REPAIR & REPAINT OF ELEVATED WATER TANK STRUCTURE				
I	Health and Safety	1.00	lot		
II	Surface Preparation	1.00	lot		
III	Welding Works	1.00	lot		
IV	Steel Painting	78.13	sq.m.		
	Contract Duration: 45 Calendar Days				
	Location: COA ROIX, Cabatangan, Zamboanga City				

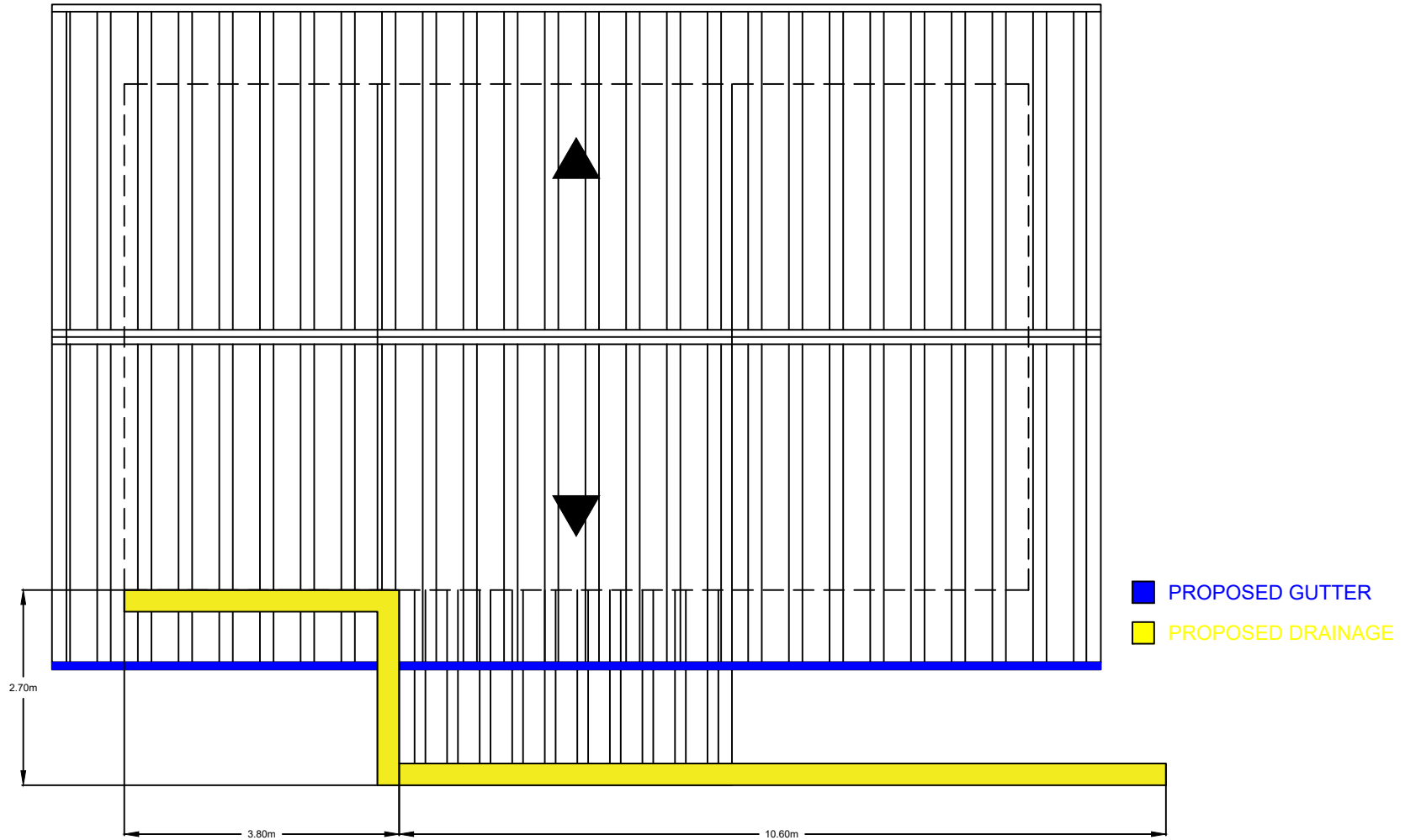
ABC			135,496.25		
No.	ITEM DESCRIPTION	QTY.	Unit	Unit Price	Total Amount
5	COA Canteen Extension				
I	Mobilization and Demobilization	1.00	L.S.		
II	Steel Works (Columns & Bracket Support)	1.00	L.S.		
III	Roof Framing (Fabrication/Installation)	1.00	L.S.		
IV	Roofing Works (Corrugated Polycarbonate)	25.00	sq.m		
V	Tiles Works	22.00	sq.m		
VI	Miscellaneous Works - Steel Railings	4.00	ln.m		
	Contract Duration: 28 Calendar Days				
	Location: COA ROIX, Cabatangan, Zamboanga City				

ABC			62,674.74		
No.	ITEM DESCRIPTION	QTY.	Unit	Unit Price	Total Amount
6	REPAIR OF 3 SPANS OF COA RO 9 PERIMETER FENCE				
I	Cut (Tiktik) 0.20m width thru CHB wall to ftg perpendicularly adjacent to the column	1.00	Ls		
II	Lap splice by welding the CHB horizontal bars and vertical column bars/dowels	1.00	Ls		
III	Concrete works	0.30	cu.m.		
IV	Plastering works	46.80	sq.m.		
V	Painting works	67.60	sq.m.		
	Contract Duration: 17 Calendar Days				
	Location: COA ROIX, Cabatangan, Zamboanga City				


ABC			56,296.24		
No.	ITEM DESCRIPTION	QTY.	Unit	Unit Price	Total Amount
7	Construction of Guard House at Training Center				
I	Concrete Works	1.25	cu.m		
II	Reinforcing Steel Bar	105.46	kgs		
III	Masonry Works	5.76	sq.m		
IV	Roofing Works	13.14	sq.m		
V	Carpentry Works	1.00	lot		
	Contract Duration: 25 Calendar Days				
	Location: COA ROIX, Cabatangan, Zamboanga City				

(Signature over Printed Name of Bidder)

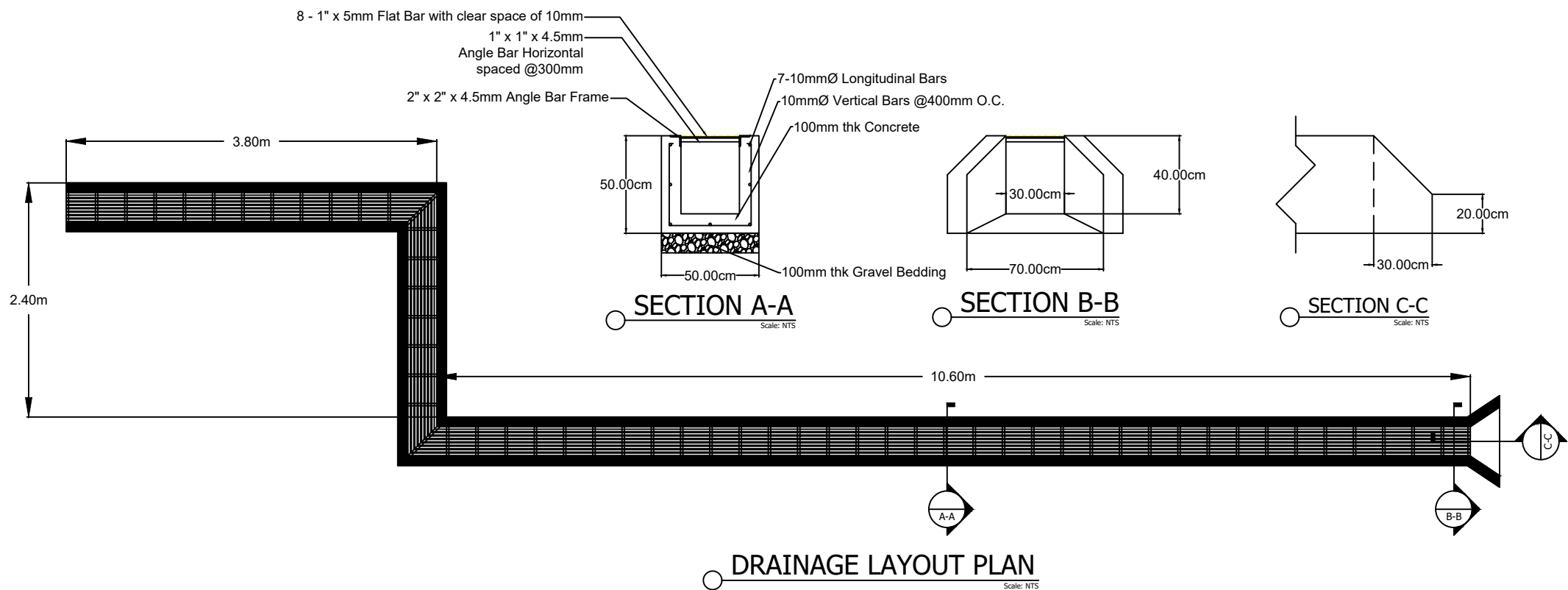
(PhilGEPS Registration Number)



**SITE DEVELOPMENT PLAN**  
Scale: NTS

	PROJECT & LOCATION	PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.
<p>REPUBLIC OF THE PHILIPPINES <b>COMMISSION ON AUDIT</b> <b>REGIONAL OFFICE NO. IX</b> Cabatangan, Zamboanga City</p>	<p>CONSTRUCTION OF DRAINAGE SYSTEM AND INSTALLATION OF GUTTER AT STAFF HOUSE COMMISSION ON AUDIT REGIONAL OFFICE - IX, CABATANGAN, ZAMBOANGA CITY</p>	<p><b>ROMMEL - KHAN A. JAMANULLA</b> TAS I</p>	<p><b>CHARLES R. BULAC</b> Chief TAS OIC - Supervising STAS</p>	<p><b>MARISOL D. LEGASPI</b> OIC - Director IV Regional Director</p>	<p>1 3</p>





REPUBLIC OF THE PHILIPPINES  
**COMMISSION ON AUDIT**  
**REGIONAL OFFICE NO. IX**  
 Cabatangan, Zamboanga City

PROJECT & LOCATION

CONSTRUCTION OF DRAINAGE SYSTEM  
 AND INSTALLATION OF GUTTER  
 AT STAFF HOUSE  
 COMMISSION ON AUDIT REGIONAL OFFICE - IX,  
 CABATANGAN, ZAMBOANGA CITY

PREPARED BY:

**ROMMEL - KHAN A. JAMANULLA**  
 TAS I

RECOMMENDING APPROVAL:

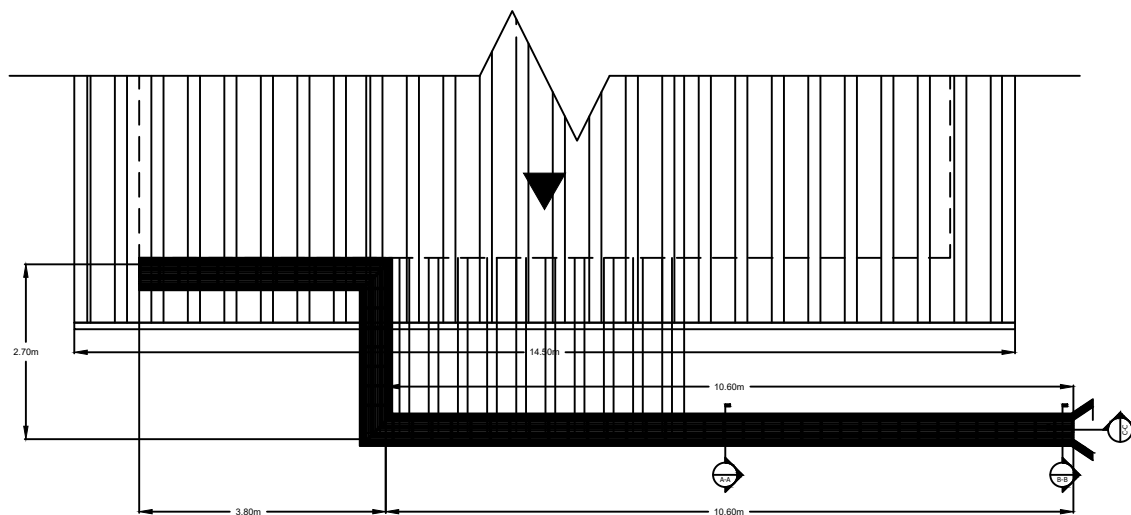
**CHARLES R. BULAC**  
 Chief TAS  
 OIC - Supervising STAS

APPROVED BY:

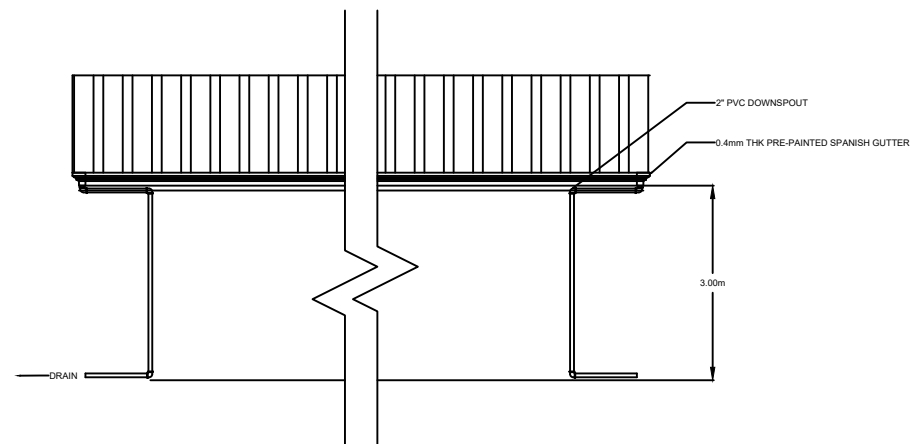
**MARISOL D. LEGASPI**  
 OIC - Director IV  
 Regional Director

SHEET NO.

2  
3



**FLOOR PLAN**  
Scale: NTS



**ELEVATION PLAN**  
Scale: NTS



REPUBLIC OF THE PHILIPPINES  
**COMMISSION ON AUDIT**  
**REGIONAL OFFICE NO. IX**  
Cabatangan, Zamboanga City

PROJECT & LOCATION

CONSTRUCTION OF DRAINAGE SYSTEM  
AND INSTALLATION OF GUTTER  
AT STAFF HOUSE  
COMMISSION ON AUDIT REGIONAL OFFICE - IX,  
CABATANGAN, ZAMBOANGA CITY

PREPARED BY:

**ROMMEL - KHAN A. JAMANULLA**  
TAS I

RECOMMENDING APPROVAL:

**CHARLES R. BULAC**  
Chief TAS  
OIC - Supervising STAS

APPROVED BY:

**MARISOL D. LEGASPI**  
OIC - Director IV  
Regional Director

SHEET NO.

3  
3

Project Name: Construction of Drainage System and Installation of Gutter at Staff House

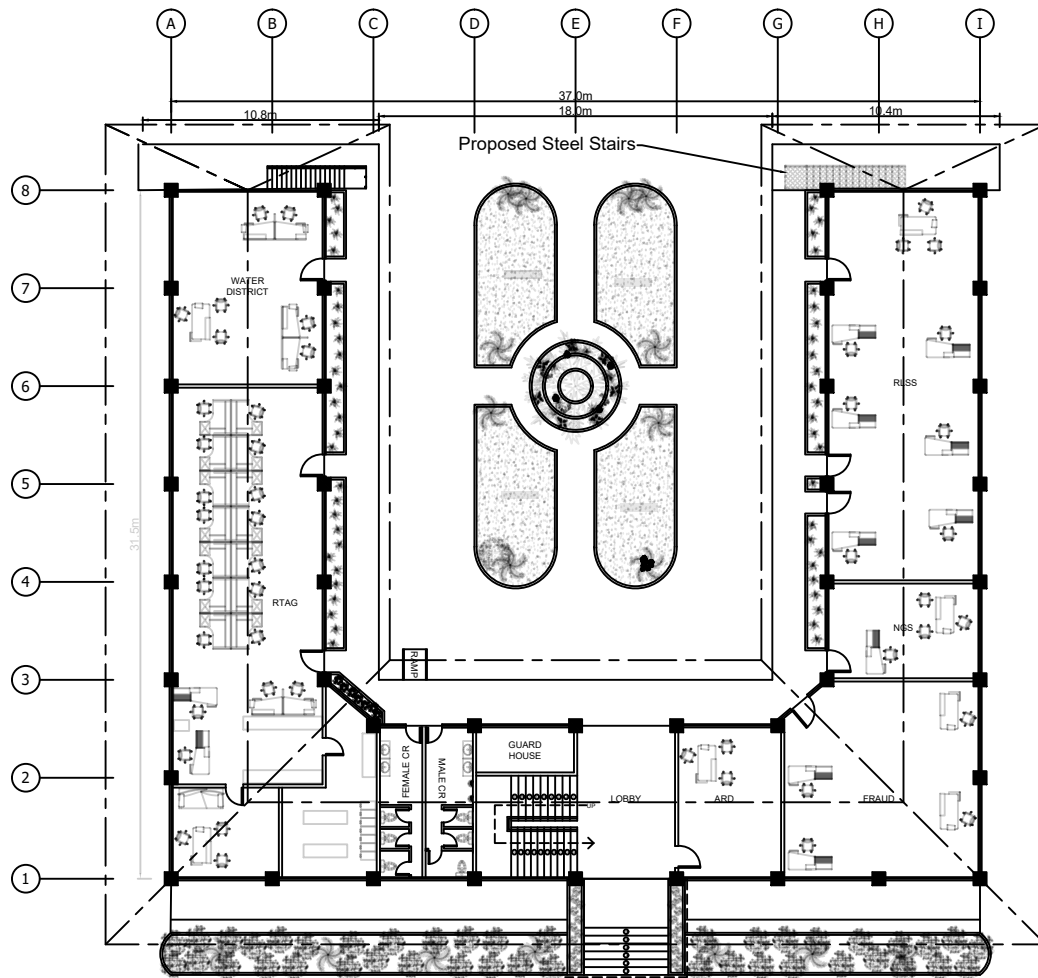
Location: Commision on Audit Regional Office IX, Cabaatangan, Zamboanga City

Duration: 14 C.D

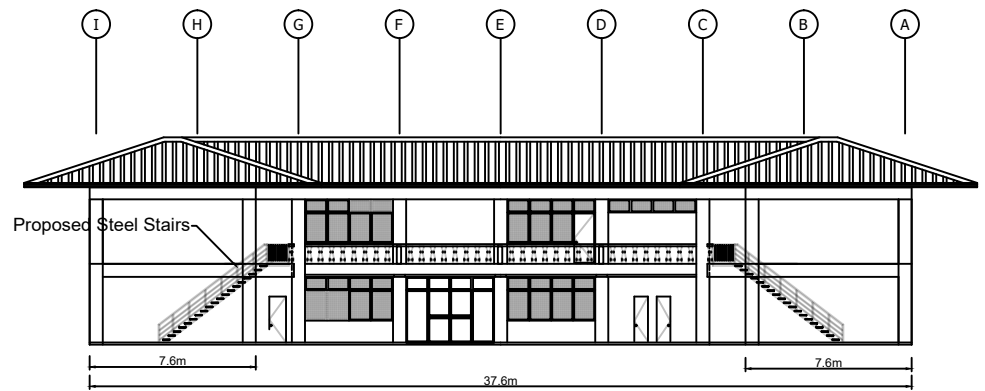
Detailed Estimate

		Quantity	Unit	Unit Cost	Total
<b>I</b>	<b>Structure Excavation</b>	<b>6.05</b>	<b>cu.m</b>		
	Materials				
	Labor Cost				
	Equipment Cost				
	Total Direct Cost				
	Total Indirect Cost				
	Total Cost				
<b>II</b>	<b>Structural Concrete</b>	<b>0.84</b>	<b>cu.m</b>		
	Materials				
	a. Gravel	1.00	cu.m.		
	b. Sand	1.00	cu.m.		
	c. Portland Cement	9.00	bags		
	For Gravel Bedding				
	a. Gravel	1.00	cu.m.		
			<b>Total Material Cost</b>		
	Labor Cost				
	Equipment Cost				
	Total Direct Cost				
	Total Indirect Cost				
	<b>Total Cost</b>				
<b>III</b>	<b>Reinforcing Steel</b>	<b>133.33</b>	<b>kg</b>		
	Materials				
	a. 36 - 10mm dia DSB	140.00	kg		
	b. #16 Galvanized Iron Wire	2.00	kg		
	c. Consumables				
			<b>Total Material Cost</b>		
	Labor Cost				
	Equipment Cost				
	Total Direct Cost				
	Total Indirect Cost				
	<b>Total Cost</b>				
	<b>100mm CHB Non Load Bearing</b>	<b>13.44</b>	<b>sq.m</b>		
	Materials				
	a. 100mm thk CHB	175.00	pc		
	b. Cement	8.00	bags		
	c. Sand	1.00	cu.m		
			<b>Total Material Cost</b>		
	Labor Cost				
	Equipment Cost				
	Total Direct Cost				
	Total Indirect Cost				
	<b>Total Cost</b>				
<b>IV</b>	<b>Cement Plaster Finish</b>	<b>25.20</b>	<b>sq.m</b>		
	Materials				
	a. Cement	9.00	bags		
	b. Sand	1.00	cu.m		
			<b>Total Material Cost</b>		
	Labor Cost				
	Equipment Cost				
	Total Direct Cost				
	Total Indirect Cost				
	<b>Total Cost</b>				


<b>V</b>	<b>Drainage Grates</b>	<b>1.00</b>	<b>lot</b>		
	Materials				
	a. 2"x2"x4.5mm AngleBar	6.00	lts		
	b. 1"x1"x4.5mm AngleBar	4.00	lts		
	c. Flat Bar 1"x5mm	25.00	lts		
	d. Welding rod 1/8"	1.00	box		
	e. Cutting Disc	5.00	pcs		
	f. Grinding Stone	2.00	pcs		
	a. epoxy Primer	1.00	gal		
	a.1. epoxy Reducer	1.00	L		
	b. Rubberrized Paint	1.00	gal		
	b.1 Reducer	1.00	L		
			<b>Total Material Cost</b>		
	Labor Cost				
	Equipment Cost				
	Total Direct Cost				
	Total Indirect Cost				
	<b>Total Cost</b>				
<b>VI</b>	<b>Gutter</b>	<b>1.00</b>	<b>lot</b>		
	Materials				
	a. Gutter - 0.4mm thk x 2.44m Pre-painted Spanish Gutter	6.00	pc		
	b. Blind Rivets	50.00	pc		
	c. 57mm(2") x 3.0m S-1000 PVC Pipes	6.00	pc		
	d. 57mm(2") x 90degree PVC Elbow	6.00	pc		
	e. PVC Solvent	1.00	can		
	f. 10- 2"x2"x10' Coco Lumber	33.33	bd.ft		
	g. 3" CWN	1.00	kg		
	f. Consumables (3% of Materials Cost)				
			<b>Total Material Cost</b>		
	Labor Cost				
	Equipment Cost				
	Total Direct Cost				
	Total Indirect Cost				
	<b>Total Cost</b>				



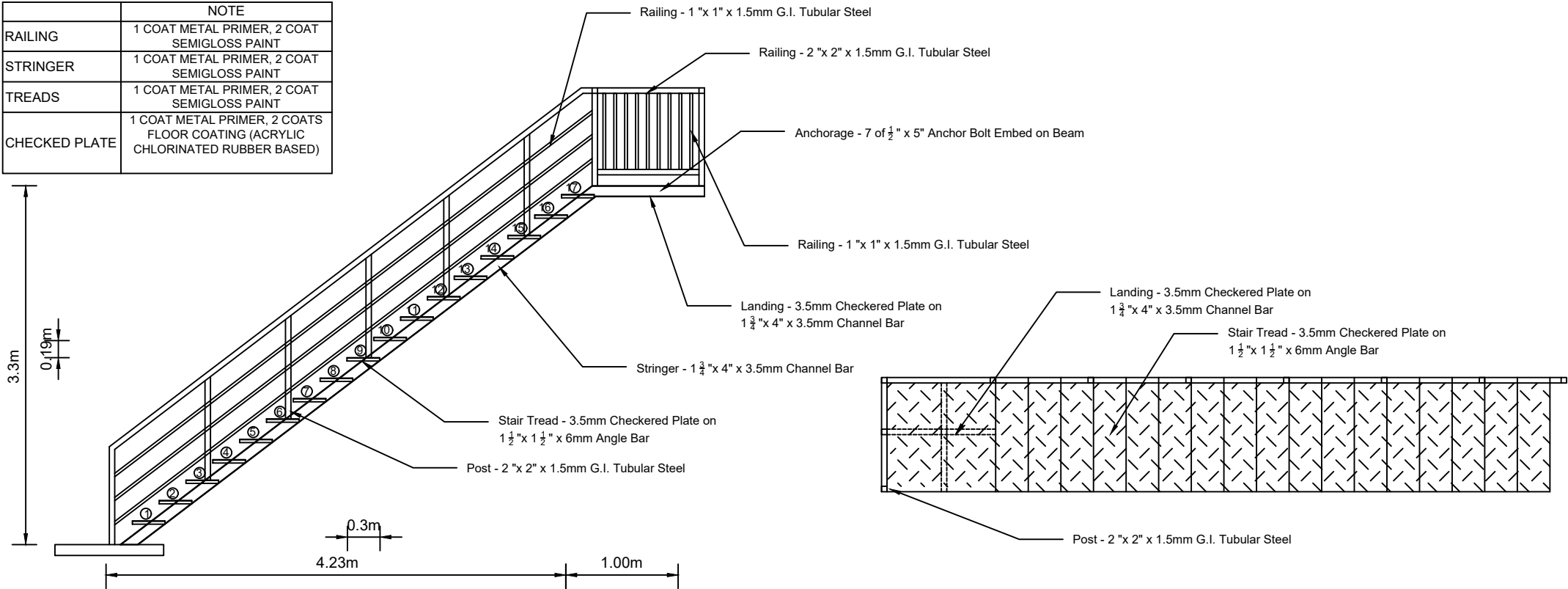
○ SITE DEVELOPMENT PLAN  
NTS



○ ELEVATION PLAN  
NTS

 <p>REPUBLIC OF THE PHILIPPINES <b>COMMISSION ON AUDIT</b> <b>REGIONAL OFFICE NO. IX</b> Cabatangan, Zamboanga City</p>	<p>PROJECT &amp; LOCATION</p> <p>FABRICATION &amp; INSTALLATION OF STEEL STAIRS</p> <p>COMMISSION ON AUDIT Regional Office - IX, Cabatangan, Zamboanga City</p>	<p>PREPARED BY:</p> <p><b>ROMMEL - KHAN A. JAMANULLA</b> TAS I</p>	<p>RECOMMENDING APPROVAL:</p> <p><b>CHARLES R. BULAC</b> Chief TAS OIC - Supervising STAS</p>	<p>APPROVED BY:</p> <p><b>MARISOL D. LEGASPI</b> OIC - Director IV Regional Director</p>	<p>SHEET NO.:</p> <p>1/2</p>
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	NOTE
RAILING	1 COAT METAL PRIMER, 2 COAT SEMIGLOSS PAINT
STRINGER	1 COAT METAL PRIMER, 2 COAT SEMIGLOSS PAINT
TREADS	1 COAT METAL PRIMER, 2 COAT SEMIGLOSS PAINT
CHECKED PLATE	1 COAT METAL PRIMER, 2 COATS FLOOR COATING (ACRYLIC CHLORINATED RUBBER BASED)




**STEEL STAIRS DETAILS**  
 NTS



Project Name: Fabrication & Installation of Steel Stairs  
Location: Commision on Audit Regional Office IX, Cabatangan, Zamboanga City  
Duration: 10 Calendar Days

### Detailed Estimate

		Quantity	Unit	Unit Cost	Total
I	Scaffoldings	1.00	lot		
	Scope of Work:				
	Painting Works, Installation of Stairs, and Cladding of Concrete Canopy				
	Materials				
	a. 30 - 2"x3"x12' Coco Lumber	180.00	bd.ft		
	b. 4" CWN	3.00	kg		
	c. Consumables	-	-	-	
			Total Material Cost		
	Labor Cost				
	Equipment Cost				
	Total Direct Cost				
	Total Indirect Cost				
	Total Cost				
II	Stairs	1.00	lot		
	Materials				
	a. Channel Bar 1 3/4" x 4" x 3.4mm	3.00	pcs		
	b. Angle Bar 1 1/2" x 1 1/2" x 1/4"	7.00	pcs		
	c. Tubular 2" x 2" x 1.5mm	3.00	pcs		
	d. Tubular 1" x 1" x 1.5mm	5.00	pcs		
	e. Checkered Plate 3.5mm x 4' x 8'	2.00	sht		
	f. Welding Rod	1.00	box		
	g. Cutting Disc	6.00	pcs		
	h. Epoxy Primer	1.00	gal		
	i. Epoxy Reduceer	1.00	L		
	j. Ruberized Paint	2.00	gal		
	k. Reducer	1.00	L		
	l. Anchor Bolt 1/2" x 5"	7.00	pcs		
	m. Consumables	-	-	-	
			Total Material Cost		
	Labor Cost				
	Equipment Cost				
	a. Welding Machine	42.00	hr		
	b. Cut-off Wheel	14.00	hr		
	c. Grinding Wheel	14.00	hr		
	Minor Tools (10% of Labor)				
	Total Direct Cost				
	Total Indirect Cost				
	Total Cost				

**GRAND TOTAL**

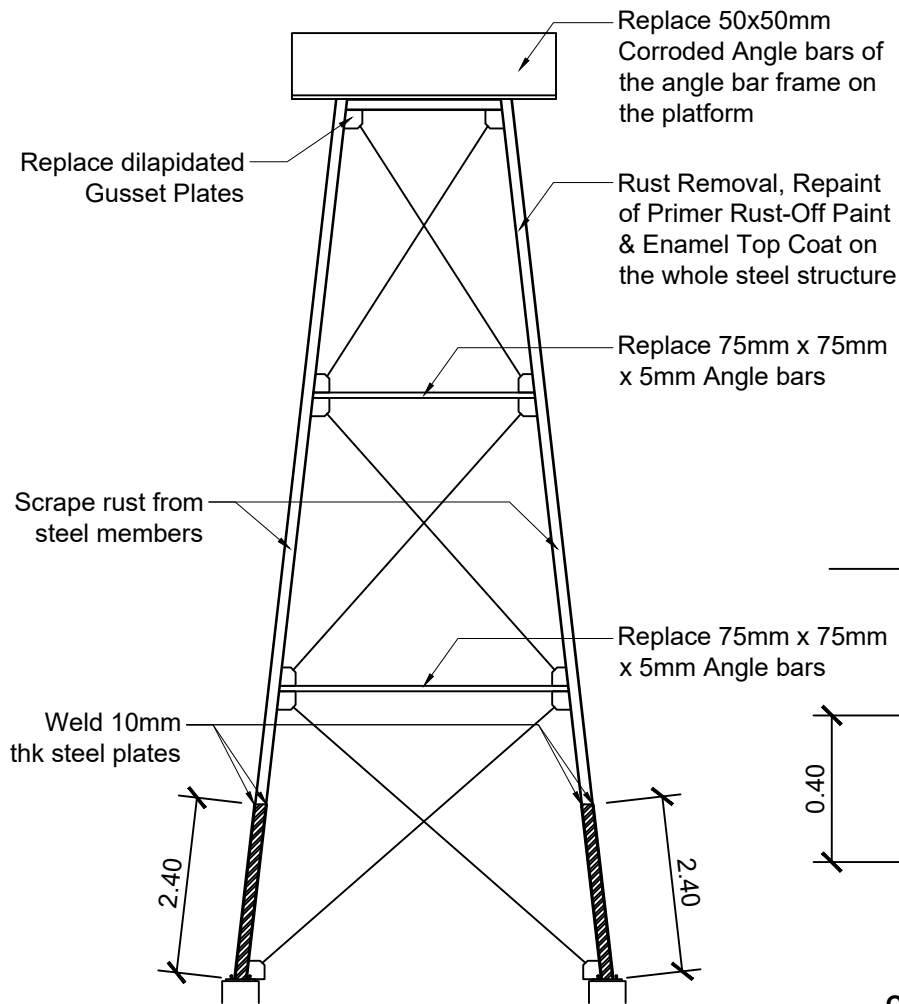
**Project Name and Location** : Proposed Conversion / Replacement of Fluorescent linear tube to T8 Led Tube (COA Main Building)

DETAILED ESTIMATES						
	<b>Lighting Fixture</b>	1.00	lot			
	Labor	# of Persons	# of Days	Per Fixture rate		Amount
	Electritian	-	-			-
	Materials	# of Units	Unit	Unit Cost		Amount
	T8 Led Tube - 18 watts	240.00	pcs			-
	T8 Led Tube Holder/Socket	480.00	pcs			-
	LED bulb / Pin Light	40.00	pcs			-
	Electrical Tape	5.00	pcs			-
	THHN / THWN-2 Wire 3.5mm (150 mtrs)	2.00	pcs			-
						-
	Direct Cost					-
	OCM (20%)					-
	VAT (5%)					-
	Total Cost					-
	Total Unit Cost					-
				TOTAL		-

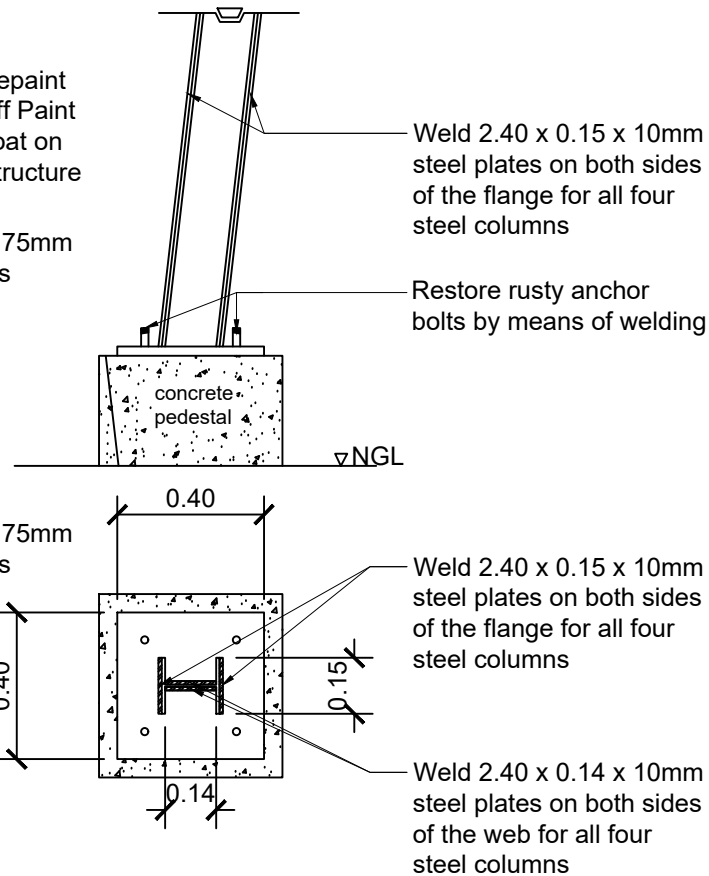
**Scope of Works:**

1. Removal of existing flourescent tube including its ballast and starter.
2. Install new Socket/Holder for the T8 Led Tube, re-wire if needed on the connection.
3. Replace the bulbs in areas where there is no t8 led tube installed.





**SIDE ELEVATION**  
N.T.S.



**COLUMN PEDESTAL CONNECTION DETAIL**  
N.T.S.

### Scope of Works

#### Part I Health and Safety

- All necessary measures must be adhered to applicable construction health and safety standards

#### Part II Surface Preparation

- Grinding/Scraping off of rust and loose paint for proper assessment of the structural members
- Application of Rust Converter or other related rust treatment chemical prior to primer coat
- Cleaning/Wiping off of chemicals from treated member

#### Part III Welding Works

- Cutting & Welding of Angle bars to replace corroded Angle bars
- Cutting and Welding of Plates as strengthening/retrofitting to existing steel column
- Cutting & Welding of Gusset plates to replace corroded gusset plates

#### Part IV Steel Painting

- Painting of 1 coat Rust-off Gray Alkyd Primer paint of whole elevated water storage structure
- Painting of 2 coats Quick Drying Enamel Gray or Silver finish (marine grade), of whole elevated water storage structure
- Cleaning of the work area prior to turn-over



REPUBLIC OF THE PHILIPPINES  
COMMISSION ON AUDIT  
REGIONAL TECHNICAL AUDIT GROUP  
REGIONAL OFFICE NO. IX  
Cabatangan Hills, Zamboanga City

#### PROJECT TITLE:

**REPAIR AND REPAINTING OF ELEVATED  
WATER TANK STRUCTURE AT COA RO IX**

LOCATION: COA-IX, CABATANGAN, ZAMBOANGA CITY

#### CONTENTS:

- SIDE ELEVATION
- DETAIL OF COLUMN PEDESTAL CONNECTION

#### PREPARED BY:

**MARK ANTHONY M. FUNES**

STAA - II

#### RECOMMENDING APPROVAL

**CHARLES R. BULAC**

STAS III, OIC-SUPERVISING STAS

#### APPROVED BY:

**MARISOL D. LEGASPI**

REGIONAL DIRECTOR

#### SHEET NO.



Project & Location: **Repair & Repaint of Elevated Water Tank Structure**  
at COA RO IX Cabatangan, ZC

**Scope of Works**

**Part I Health and Safety**

- All necessary measures must be adhered to applicable construction health and safety standards

**Part II Surface Preparation**

- Grinding/Scraping off of rust and loose paint for proper assessment of the structural members
- Application of Rust Converter or other related rust treatment chemical prior to primer coat
- Cleaning/Wiping off of chemicals from treated member

**Part III Welding Works**

- Cutting & Welding of Angle bars to replace corroded Angle bars
- Cutting and Welding of Plates as strengthening/retrofitting to existing steel column
- Cutting & Welding of Gusset plates to replace corroded gusset plates

**Part IV Steel Painting**

- Painting of 1 coat Rust-off Gray Alkyd Primer paint
- Painting of 2 coats Quick Drying Enamel Gray or Silver finish, paint must be marine grade
- Cleaning of the work area prior to turn-over

**Cost Estimates**

Description Works to be done				Quantity	unit	unit cost	Total
<b>Part I</b>	<b>Health and Safety</b>						
	Equipment:						
		Body Harness		2.00	sets		
		Respirator Mask		2.00	pcs		
		Protective Gloves		2.00	pairs		
		Scaffolds		1.00	lot		
<b>Part II</b>	<b>Surface Preparation</b>						
	Equipment:						
		Angle grinder		1.00	unit		
	Materials:						
		Rust Converter		1.00	gal		
		Wire brush		2.00	pcs		
		Nylon brush		2.00	pcs		
		Putty Knife / Scraping tool		2.00	pcs		
		Cloth rag		2.00	pcs		
		Asstd grit Sandpaper		1.00	lot		
<b>Part III</b>	<b>Welding Works</b>						
	Equipment:				# of days	rental rate	
		Welding Machine		1.00	5		
		Cutting outfit		1.00	3		
		Cut-off machine		1.00	1		
	Materials:			Quantity	unit	unit cost	Total
		Oxy/Acetylene		1.00	lot		
		Welding Mask		1.00	pc		
		Welding Gloves		2.00	pairs		
		Welding Rod		1.00	box		
		75 x 75 x 5mm angle bar		8.00	pcs		
		50 x 50 x 5mm angle bar		4.00	pcs		
		steel plate (1.2m x 2.4 x 10mm)		2.00	pcs		
		steel plate (1.2m x 2.4 x 5mm)		1.00	pc		

<b>Part IV</b>	<b>Steel Painting</b>						
	Equipment:						
		Paint Tray		2.00	pcs		
		Paint Rollers		2.00	pcs		
		Paint Brush		2.00	pcs		
	Materials:						
		Paint Thinner		1.00	gal		
	(1 coat)	Rust-Off Gray Alkyd metal primer		3.50	gal		
	(2 coats)	Quick Drying Enamel - Gray/Silver		7.00	gal		
	sub-total						-
	Labor (%) - - - - -						
	Estimated Direct Cost						-
	Indirect Cost (20% of EDC)						-
	VAT (5%)						-
	<b>Total Cost</b>						-

Item No./Description : II Steel Works  
Unit of Measurement : L.s  
Output per hour : 1.000

	Designation	No. of Person	No. of Hours	Hourly Rate	Amount
A.	Labor				
	a. Construction Foreman	1	12	87.10	1,045.20
	b. Skilled Laborer	1	12	62.86	754.32
	c. Unskilled Laborer	2	12	48.44	1,162.56
	Sub - Total for A				2,962.08
	Name and Capacity	No of Units	No. of Hours	Hourly Rate	Amount
B.	Equipment				
	Minor Tools (10% of Labor)				296.21
	Sub - Total for B				296.21
C.	Total (A + B)				3,258.29
D.	Output per hour = 1. sq.m.				
E.	Direct Unit Cost (C ÷ D)				3,258.29
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	a. 50 mm Ø G.I. Pipe	sq.m.	3.00	1,975.00	5,925.00
	b. Welding Rod	kg	1.00	150.00	150.00
	c. Consumables (3% of Materials Cost)				182.25
	Sub - Total for F				6,257.25
G.	Direct Unit Cost (E + F)				9,515.54
H.	Overhead, Contingencies & Miscellaneous (OCM) 12% of G				1,141.86
I.	Contractor's Profit (CP) 8% of G				761.24
J.	Value Added Tax (VAT) 5% of (G + H + I)				570.93
K.	Total Unit Cost (G + H + I + J)				11,989.58

Item No./Description : III Roof Framing (Fabrication/Installation)  
Unit of Measurement : L.s  
Output per hour : 1.000

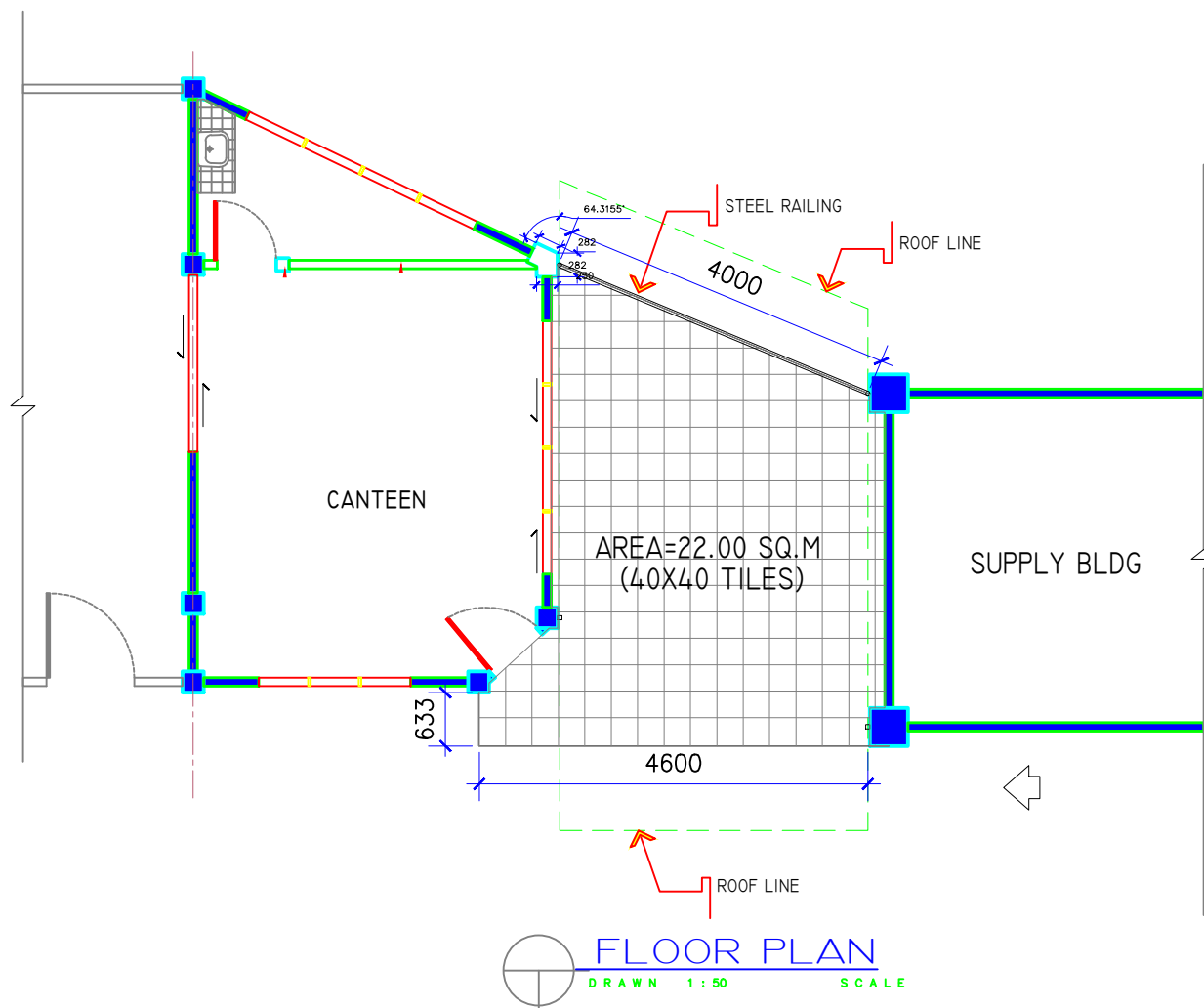
	Designation	No. of Person	No. of Hours	Hourly Rate	Amount
A.	Labor				
	a. Construction Foreman	1	32	87.10	2,787.20
	b. Skilled Laborer	1	32	62.86	2,011.52
	c. Unskilled Laborer	2	32	48.44	3,100.16
	Sub - Total for A				7,898.88
	Name and Capacity	No of Units	No. of Hours	Hourly Rate	Amount
B.	Equipment				
	Minor Tools (10% of Labor)				789.89
	Sub - Total for B				789.89
C.	Total (A + B)				8,688.77
D.	Output per hour = 1. sq.m.				
E.	Direct Unit Cost (C ÷ D)				8,688.77
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	a. B.I. Tubular (100mm x 50mm x 1.5mm thk)	pcs	10.00	126.95	1,269.50
	B.I. Tubular (100mm x 50mm x 1.2mm thk)	pcs	5.00	1,528.35	7,641.75
	b.Welding Rod	kg	2.00	150.00	300.00
	c. Red Oxide Primer	gal	1.00	575.00	575.00
	d. Enamel Paint	gal	1.00	700.00	700.00
	e. Paint thinner	L	1.00	245.00	245.00
	Consumables (3% of Materials Cost)				321.94
	Sub - Total for F				11,053.19
G.	Direct Unit Cost (E + F)				19,741.96
H.	Overhead, Contingencies & Miscellaneous (OCM)			12% of G	2,369.03
I.	Contractor's Profit (CP)			8% of G	1,579.36
J.	Value Added Tax (VAT)			5% of (G + H + I)	1,184.52
K.	Total Unit Cost			(G + H + I + J)	24,874.86

Item No./Description : IV Roofing Works (Corrugated Polycarbonate)  
Unit of Measurement : sq.m.  
Output per hour : 2.769

	Designation	No. of Person	No. of Hours	Hourly Rate	Amount
A.	Labor				
	a. Construction Foreman	1	1	87.10	87.10
	b. Skilled Laborer	1	1	62.86	62.86
	c. Unskilled Laborer	2	1	48.44	96.88
	Sub - Total for A				246.84
	Name and Capacity	No of Units	No. of Hours	Hourly Rate	Amount
B.	Equipment				
	Minor Tools (10% of Labor)				24.68
	Sub - Total for B				24.68
C.	Total (A + B)				271.52
D.	Output per hour = 2.769 sq.m.				
E.	Direct Unit Cost (C ÷ D)				98.06
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	a. Corrugated Polycarbonate (3' X 8')	sq.m.	1.00	650.00	650.00
	b. Tek screw/J-bolt with washers	pc	10.00	6.50	65.00
	c. Consumables (3% of Materials Cost)				21.45
	Sub - Total for F				736.45
G.	Direct Unit Cost (E + F)				834.51
H.	Overhead, Contingencies & Miscellaneous (OCM)			12% of G	100.14
I.	Contractor's Profit (CP)			8% of G	66.76
J.	Value Added Tax (VAT)			5% of (G + H + I)	50.07
K.	Total Unit Cost			(G + H + I + J)	1,051.48

Item No./Description : V Tile Works  
Unit of Measurement : sq.m.  
Output per hour : 1.95

	Designation	No. of Person	No. of Hours	Hourly Rate	Amount
A.	Labor				
	a. Construction Foreman	1	1	87.10	87.10
	b. Skilled Laborer	5	1	62.86	314.30
	c. Unskilled Laborer	5	1	48.44	242.20
	Sub - Total for A				643.60
	Name and Capacity	No of Units	No. of Hours	Hourly Rate	Amount
B.	Equipment				
	Minor Tools (10% of Labor)				64.36
	Sub - Total for B				64.36
C.	Total (A + B)				707.96
D.	Output per hour = 1.95 sq.m.				
E.	Direct Unit Cost (C ÷ D)				363.06
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	a. Unglazed Tiles	sq.m.	1.050	1,500.00	1,575.00
	b. Cement	bags	0.325	280.00	91.00
	c. Sand	cu.m.	0.026	950.00	24.70
	d. Tile Grout	bags	0.125	110.00	13.75
	e. Tile Adhesive	bags	0.143	375.00	53.63
	f. Consumables (3% of Materials Cost)				52.74
	Sub - Total for F				1,810.82
G.	Direct Unit Cost (E + F)				2,173.87
H.	Overhead, Contingencies & Miscellaneous (OCM)			12% of G	260.86
I.	Contractor's Profit (CP)			8% of G	173.91
J.	Value Added Tax (VAT)			5% of (G + H + I)	130.43
K.	Total Unit Cost			(G + H + I + J)	2,739.08



REPUBLIC OF THE PHILIPPINES  
COMMISSION ON AUDIT  
REGIONAL OFFICE NO. IX  
Cabanatuan, Zamboanga City

PROJECT TITLE :

**PROPOSED EXTENSION OF COA  
CANTEEN**

LOCATION : CABATANGAN HILLS, ZAMBOANGA CITY

PREPARED BY :

**ANGELITO R. RICAFORTE**  
TAS I

RECOMMENDING APPROVAL :

**CHARLES R. BULAC**  
STAS IV/OIC-SUPERVISING STAS

APPROVED BY :

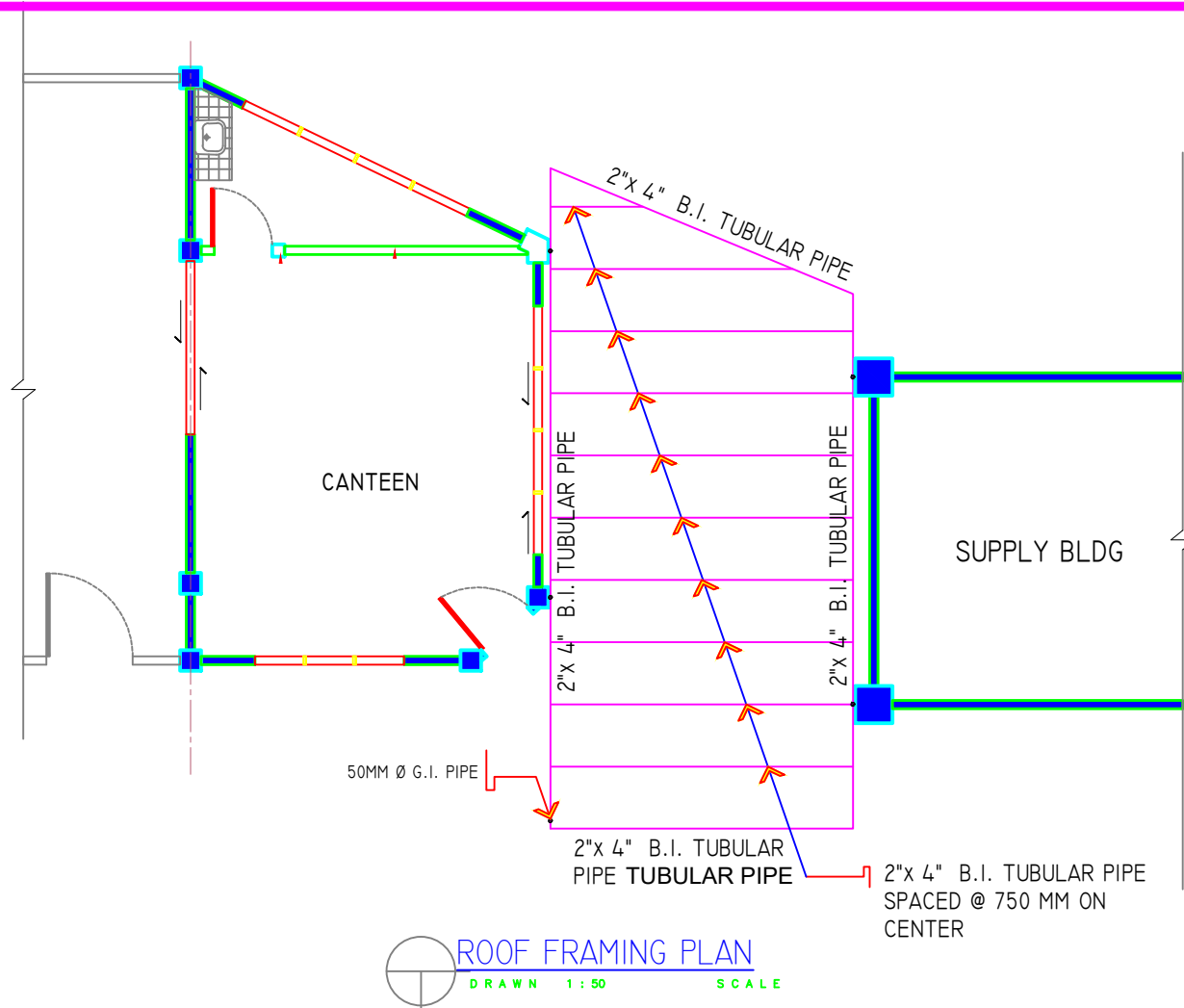
**MARISOL D. LEGASPI**  
OIC-DIRECTOR IV / REGIONAL DIRECTOR

SHEET NO.

**A-01/02**  
01 | 03

DATE : JUNE 26, 2023





REPUBLIC OF THE PHILIPPINES  
COMMISSION ON AUDIT  
REGIONAL OFFICE NO. IX  
Cabatangan, Zamboanga City

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PREPARED BY :

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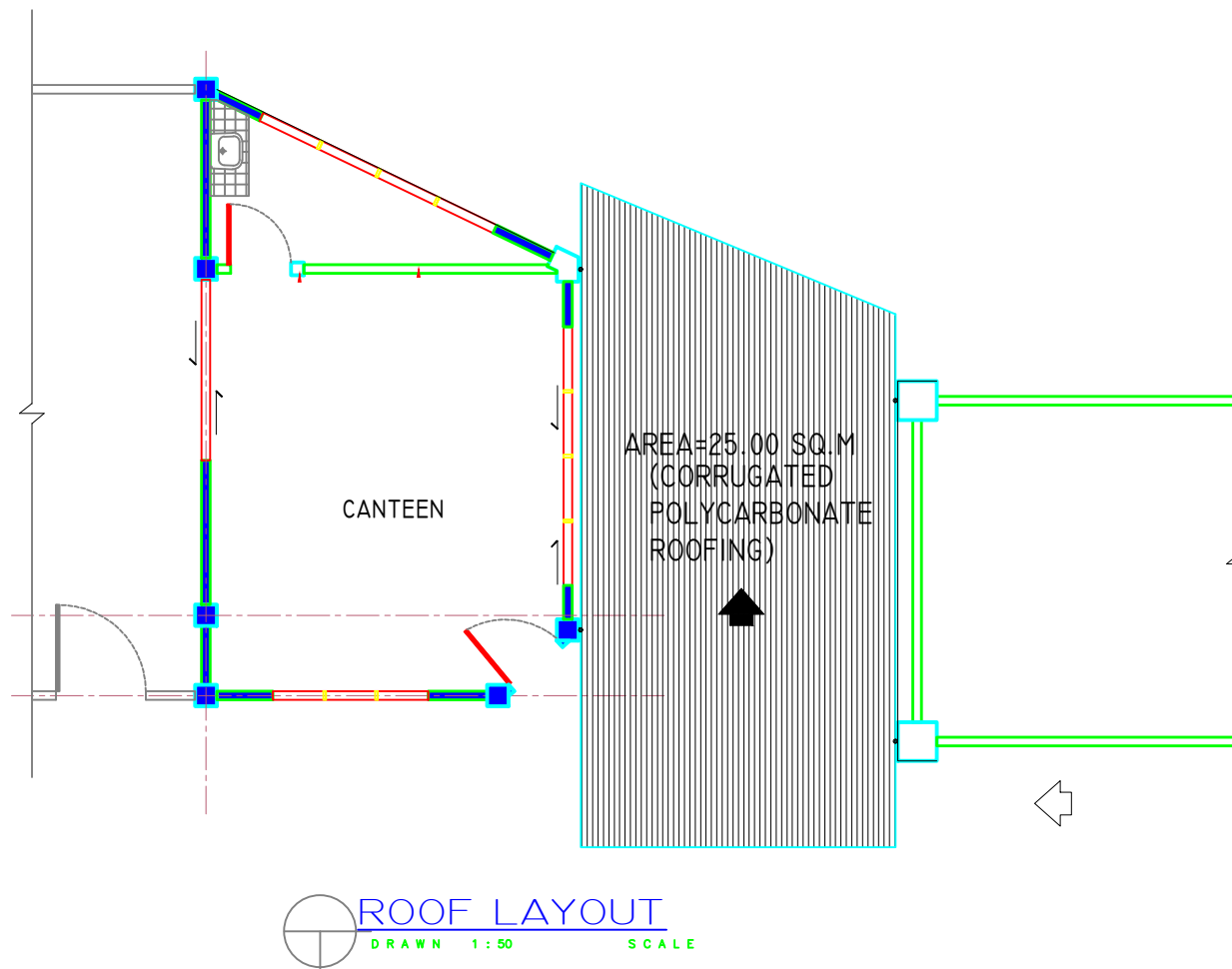
APPROVED BY :

**MARISOL D. LEGASPI**  
OIC-DIRECTOR IV / REGIONAL DIRECTOR

SHEET NO.

**S-01/01**  
02 03

DATE : JUNE 26, 2023



REPUBLIC OF THE PHILIPPINES  
**COMMISSION ON AUDIT**  
REGIONAL OFFICE NO. IX  
Cabatangan, Zamboanga City

PROJECT TITLE :

**PROPOSED EXTENSION OF COA  
CANTEEN**

LOCATION : CABATANGAN HILLS, ZAMBOANGA CITY

PREPARED BY :

**ANGELITO R. RICAFORTE**  
TAS I

RECOMMENDING APPROVAL :

**CHARLES R. BULAC**  
STAS IV/OIC-SUPERVISING STAS

APPROVED BY :

**MARISOL D. LEGASPI**  
OIC-DIRECTOR IV / REGIONAL DIRECTOR

SHEET NO.

**A-02/02**  
03 03

DATE : JUNE 26, 2023

Title of the Project **Repair of 3 spans of COA Fence**

Location **COA Regional Office 9, Cabatangan, Zamboanga City**

**Scope of work:**

***Span 1 & 2 refer to plans Fig. 1 & 2***

1. Clearing the site where the repair works are to be done.
2. Cut (tiktik) at about 0.20m width thru from top to CHB ftg. to locate CHB longitudinal bars and at column for vertical bars/dowels. Verify if the column dowels were rigidly connected to the columns.
3. Repair by splicing 10mm L shape lap welded for every 3 layers of horizontal bars to vertical bars or column dowels.
4. Install forms on the affected portion then pour pure concrete.
5. Repair the existing cracks with concrete putty.
6. Re-plaster the entire spans front & back.
7. Re-paint the span 1/figure 1 near the logo of COA (front & back)

***Span 3 refer to plan Fig. 3***

1. Remove damage portion at span 3 of the fence where the plaster was peeled off at ht =1.00m and width=3.00m.
2. Repair existing cracks .
3. Re-plaster the entire span front & back.

**CHB wall ( Fig 4 & 5)**

1. Properly clean the wall surfaces and columns with sand paper in preparation for the application.
2. Apply primer.
3. Apply bontide and patching compound on the cracks for even surface.
3. Apply 1st coating of liquid gloss with the desired color of the wall (refer to fig 4&5).
4. Apply the second coating with liquid tile gloss. Retouched, if any.

**Repainting of COA logo and name (Fig. 4 )**

1. Properly clean the COA logo, to remove the oil, stain and dust.
2. Apply primer.
3. Repaint liquid tile gloss the COA logo by using spray gun be sure that the new paint will stick
4. The new color should be same with the original color.
5. Levelling the uneven ground in front the COA Logo covering the 3 spans of the fence.





FIG. 1

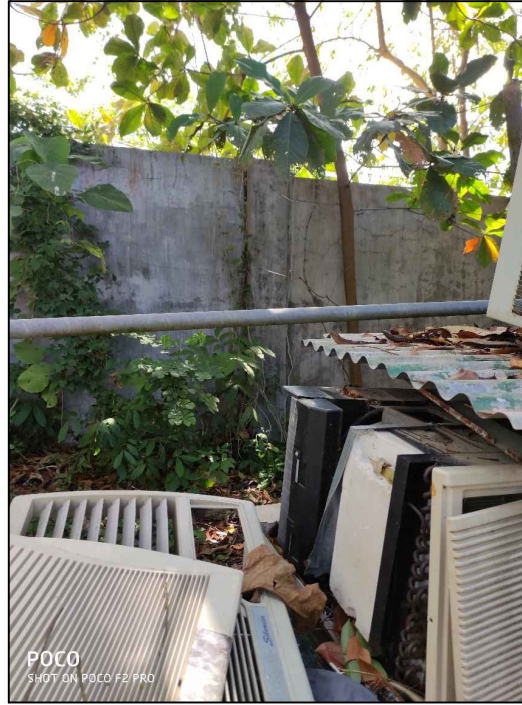


FIG. 2

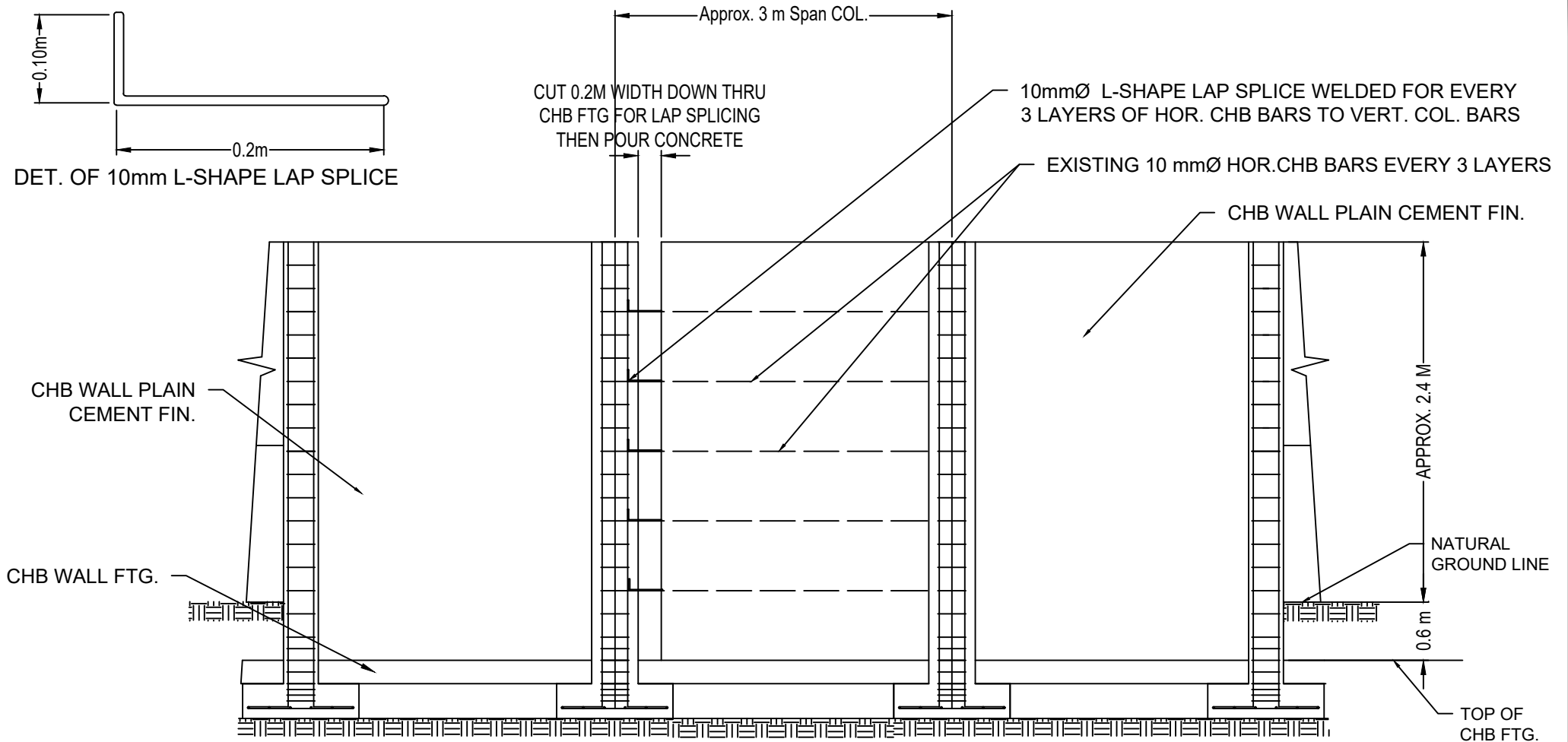


FIG. 3

FIG. 1 & 2, SHOWS TWO SEPARATE SPAN OF PERIMETER FENCE WITH CHB WALL CRACKED & DETACHED FROM THE COLUMN. SEE DETAIL ON SHEET 2 FOR THE PROPOSED REPAIR AND SPLICING. THEN PLASTER SMOOTH FIN. THE AFFECTED WALL & COLUMN. APPLY CONC. PUTTY TO WALL CRACKS. REPAINT FIG. 1 FRONT & BACK NEAR COA LOGO.

FIG. 3, REMOVED DAMAGED PLASTER & REPLASTER WITH 3 M WIDTH & 1 M HEIGHT. APPLY CONCRETE PUTTY TO WALL CRACKS.

PROJECT TITLE: Repair of 3 spans of COA fence	PREPARED BY:  PAMELA J. TADEA STAS III	RECOMMENDING APPROVAL  CHARLES R. BULAC OIC - Supervising STAS	APPROVED BY:  MARISOL D. LEGASPI OIC DIRECTOR IV REGIONAL DIRECTOR	SHEET NO.
Location: COA Regional Office 9 Cabatangan, Zamboanga City				1 / 3



DETAIL OF 0.2m LAP SPLICE BAR WELDED BET COL. VERT. BAR & HOR. CHB BAR

Scale: 1:50 M

PROJECT TITLE:

Repair of 3 spans of COA fence

Location:

COA Regional Office 9  
Cabatangan, Zamboanga City

PREPARED BY:

PAMELA J. TADEA  
STAS III

RECOMMENDING APPROVAL

CHARLES R. BULAC  
OIC - Supervising STAS

APPROVED BY:

MARISOL D. LEGASPI  
OIC DIRECTOR IV  
REGIONAL DIRECTOR

SHEET NO.

2  
3



FIG. 4

FIG. 4, TO BE REPAIRED/REPAINTED THREE SPANS OF WALL FENCE INCLUDING AGENCY NAME & LOGO.



FIG. 5

BACK OF THREE SPANS WALL FENCE

PROJECT TITLE: Repair of 3 spans of COA fence	PREPARED BY:  PAMELA J. TADEA STAS III	RECOMMENDING APPROVAL  CHARLES R. BULAC OIC - Supervising STAS	APPROVED BY:  MARISOL D. LEGASPI OIC DIRECTOR IV REGIONAL DIRECTOR	SHEET NO.  3 3
Location: COA Regional Office 9 Cabatangan, Zamboanga City				

## DETAILED ESTIMATES

**PROJECT:** Construction of Guard House at Training Center

**LOCATION:** COA RO No.IX, Cabatangan Hills, Zamboanga City

<b>A</b>	<b>Concrete Works</b>	<b>1.25</b>	<b>cu.m</b>		
	<b>ITEM</b>	<b>QTY</b>	<b>UoM</b>	<b>Unit Cost</b>	<b>Amount</b>
	<b>Materials:</b>				
	Portland Cement	13.00	bags		
	Washed Sand	1.00	cu.m		
	Washed Gravel	2.00	cu.m		
	Gravel Bedding	1.00	cu.m		
	1/4" Ordinary Plywood	1.00	pc		
	Coco Lumber	45.00	bd-ft		
	Assorted CWN	3.00	kgs		
	Soil Poisoning	5.76	sq.m		
	<b>Labor:</b>				
	<i>Excavation Works</i>				
	<i>Placing of Gravel Bedding</i>				
	<i>Fabrication &amp; Installation of Formworks</i>				
	<i>Concreting of structural members</i>				
				Material Cost	
				Labor Cost	
<b>B</b>	<b>Reinforcing Steel Bars</b>	<b>105.46</b>	<b>kgs</b>		
	<b>ITEM</b>	<b>QTY</b>	<b>UoM</b>	<b>Unit Cost</b>	<b>Amount</b>
	<b>Materials:</b>				
	12mm diameter x 6m	8.00	pcs		
	10mm diameter x 6m	17.00	pcs		
	#16 GI Tie Wire	3.00	kgs		
	<b>Labor:</b>				
	<i>Cutting and Bending of Deformed Steel Bars</i>				
	<i>Installation of Deformed Steel Bars w/ Tie Wire</i>				
				Material Cost	
				Labor Cost	
<b>C</b>	<b>Masonry Works</b>	<b>5.76</b>	<b>sq.m</b>		
	<b>ITEM</b>	<b>QTY</b>	<b>UoM</b>	<b>Unit Cost</b>	<b>Amount</b>
	<b>Materials:</b>				
	4" CHB	75.00	pcs		
	Portland Cement	5.00	bags		
	Washed Sand	0.50	cu.m		
	10mm diameter x 6m	4.00	pcs		
	<b>Labor:</b>				
	<i>Installation of CHB</i>				
	<i>Plastering of exposed Masonry Wall</i>				
				Material Cost	
				Labor Cost	



## DETAILED ESTIMATES

**PROJECT:** Construction of Guard House at Training Center

**LOCATION:** COA RO No.IX, Cabatangan Hills, Zamboanga City

<b>D</b>	<b>Roofing Works</b>	<b>13.14</b>	<b>sq.m</b>		
	<b>ITEM</b>	<b>QTY</b>	<b>UoM</b>	<b>Unit Cost</b>	<b>Amount</b>
	<b>Materials:</b>				
	0.40mm thick Pre-painted Tilespan GI Roofing Sheet (Salvage Material)	14.40	ln.m		
	1-1/2" Umbrella Nail	1.00	kg		
	Roofing Sealant	1.00	ltr		
	Refelctive Insulation	12.96	sq.m		
	<b>Labor:</b>				
	<i>Cutting of Tilespan GI Roofing Sheet</i>				
	<i>Installation of Tilespan GI Roofing Sheet</i>				
	<i>Installation of Reflective Insulation</i>				
				Material Cost	
				Labor Cost	
<b>E</b>	<b>Carpentry Works</b>	<b>1.00</b>	<b>lot</b>		
	<b>ITEM</b>	<b>QTY</b>	<b>UoM</b>	<b>Unit Cost</b>	<b>Amount</b>
	1/2" Marine Plywood	4.00	pcs		
	2" x 4" Good Lumber (Salvage Material)	90.67	bd-ft		
	2" x 2" Good Lumber	80.00	bd-ft		
	Assorted CWN	2.00	kgs		
	Double Action Spring Hinges	1.00	pair		
	<b>Labor:</b>				
	<i>Cutting &amp; Planer of Lumber for Post, Rafter and Girt (Salvage Material)</i>				
	<i>Installation of Horizontal and Vertical Studs</i>				
	<i>Installation of Marine Plywood</i>				
	<i>Fabrication of Flush Door</i>				
				Material Cost	
				Labor Cost	



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**REGIONAL OFFICE NO. IX**  
Cabatangan, Zamboanga City

Project Name: **Construction of Guard House at Training Center**  
Project Location: **COA RO No. IX, Cabatangan, Zamboanga City**

**BILL OF QUANTITIES**

Item	Description	Quantity	Units	
A	Concrete Works	1.25	cu.m	
B	Reinforcing Steel Bar	105.46	kgs	
C	Masonry Works	5.76	sq.m	
D	Roofing Works	13.14	sq.m	
E	Carpentry Works	1.00	lot	



REPUBLIC OF THE PHILIPPINES  
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**REGIONAL OFFICE NO. IX**  
Cabatangan, Zamboanga City

**SCOPE OF WORK & SPECIFICATIONS**

Project Name: **Construction of Guard House at Training Center**  
Project Location: **COA RO No. IX, Cabatangan, Zamboanga City**  
Project Duration: **25 Calendar Days**

**Item A – Concrete Works**

1. Concreting of slab on fill, footing, wall footing and pedestal.
2. Installation and removal of ¼” ordinary plywood with coco lumber for all necessary formworks.
3. Supply and application of soil poisoning for the entire buildable area.
4. 100mm thick gravel bedding of the entire buildable area.

**Item B – Reinforcing Steel Bars**

1. Fabrication and installation of deformed steel bars for slab on fill, footing, wall footing and pedestal.
2. Use gauge number 16 galvanized iron tie wire.

**Item C – Masonry Works**

1. Provide 0.60m high (from top of wall footing) 4” CHB with 10mm diameter deformed steel bar spaced every two layers horizontally and at 0.60m vertically.
2. Plastering of 12mm thick on all exposed masonry wall and pedestal.

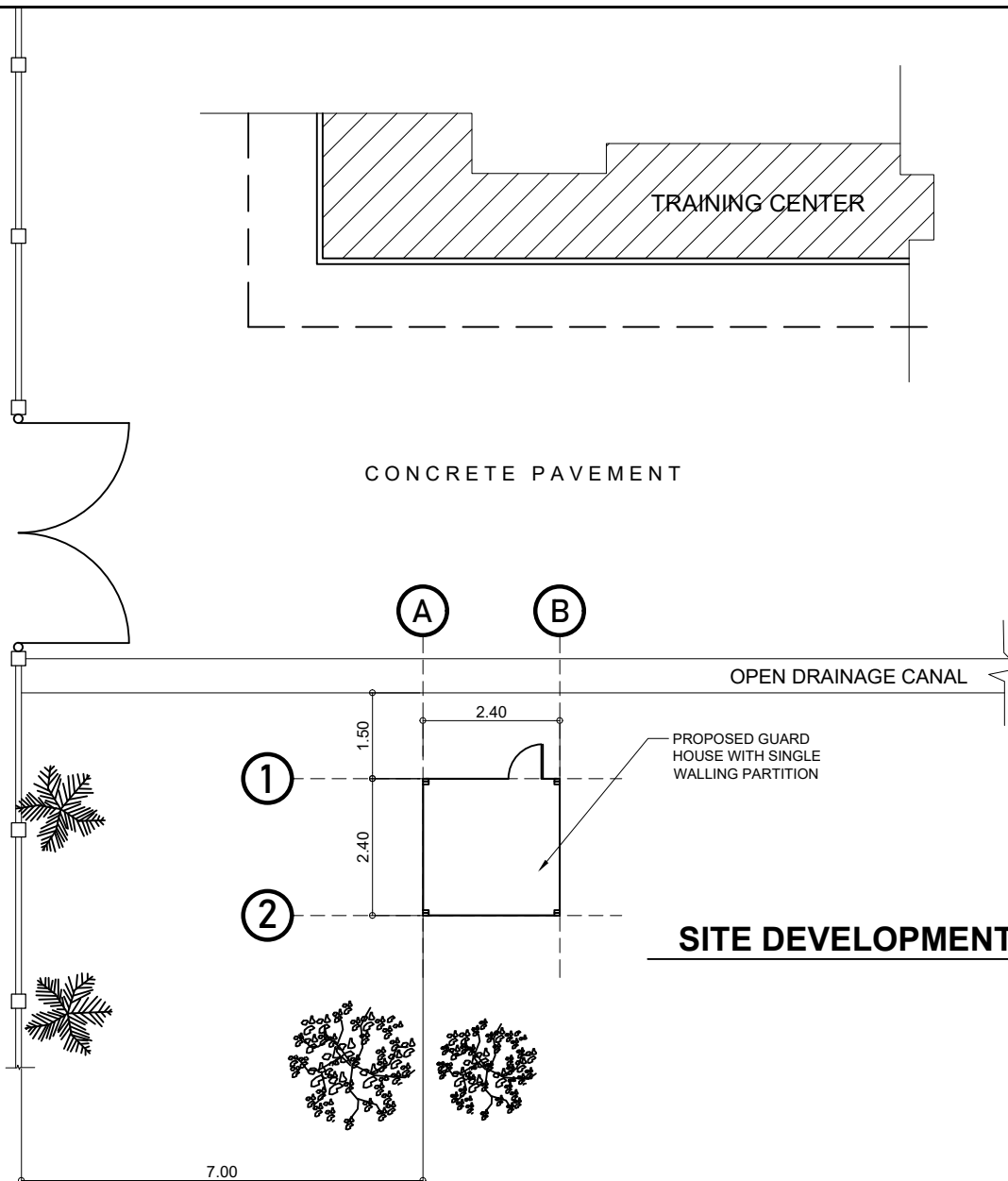
**Item D – Roofing Works**

1. Roofing sheet to be supplied by COA-IX.
2. Cutting and installation of Tilespan roofing sheet.
3. Provide 10mm thick double-sided foam insulator on the entire roofing area.

**Item E – Carpentry Works**

1. Cutting and planer of lumber for Post and Rafter (to be provided by COA-IX).
2. Installation of 2” x 2” good lumber as Purlins.
3. Provide 2” x 2” good lumber for horizontal frame and vertical studs spaced at 0.60m O.C.
4. Use ½ marine plywood as sidings for single walling.
5. Fabricate 0.60m x 1.00m flush type swing door with two sets of double action spring hinges.

DIVERSION ROAD



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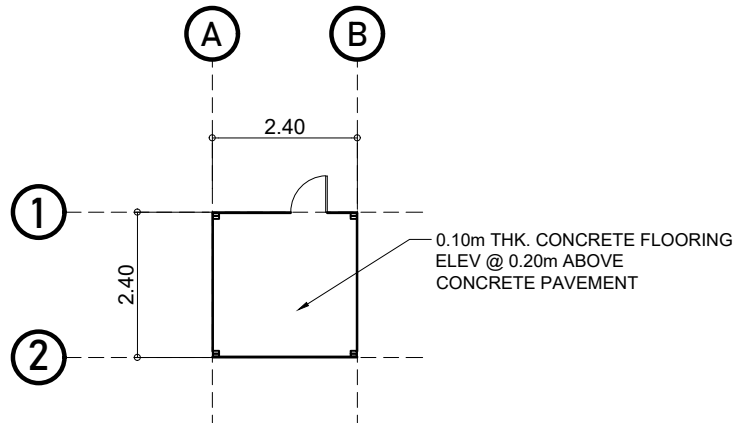
PROJECT TITLE:  
CONSTRUCTION OF GUARD HOUSE  
AT TRAINING CENTER  
LOCATION: COA RO No.IX, CABATANGAN, ZAMBOANGA CITY

PREPARED BY:  
RONAMARIE E. ESTEBAN  
STAS I

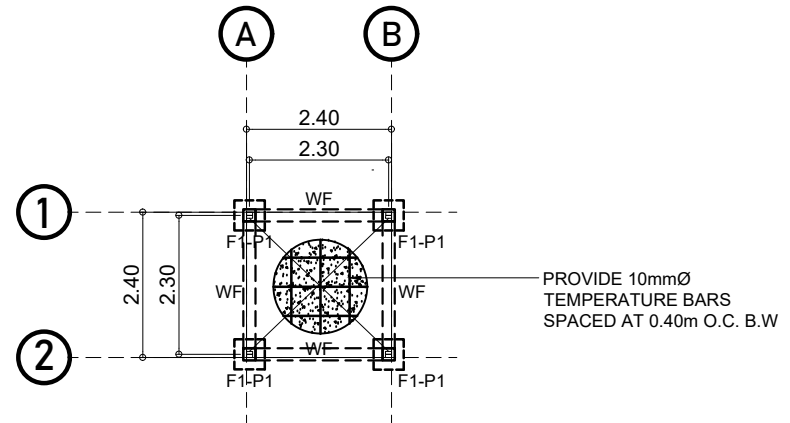
RECOMMENDING APPROVAL:  
CHARLES R. BULAC  
STAS IV/OIC-SUPERVISING STAS

APPROVED BY:  
MARISOL D. LEGASPI  
REGIONAL DIRECTOR

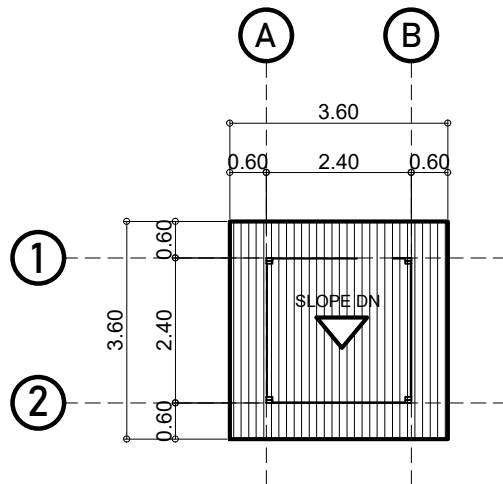




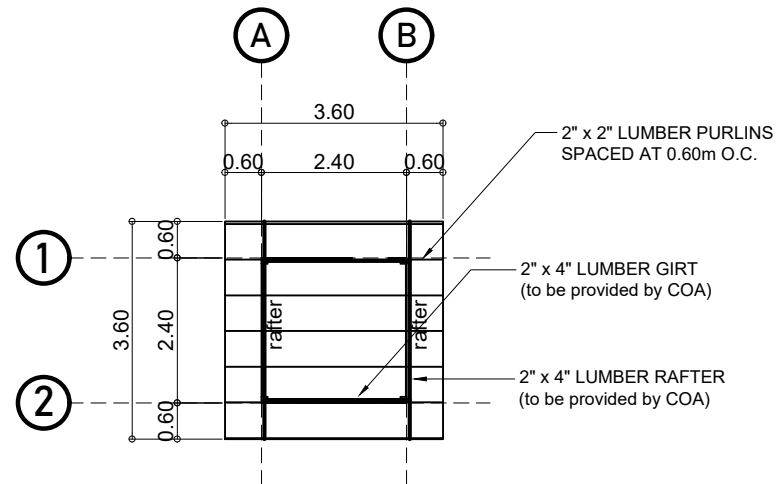
**FLOOR PLAN**



**FOUNDATION PLAN**



**ROOFING PLAN**



**ROOF FRAMING PLAN**



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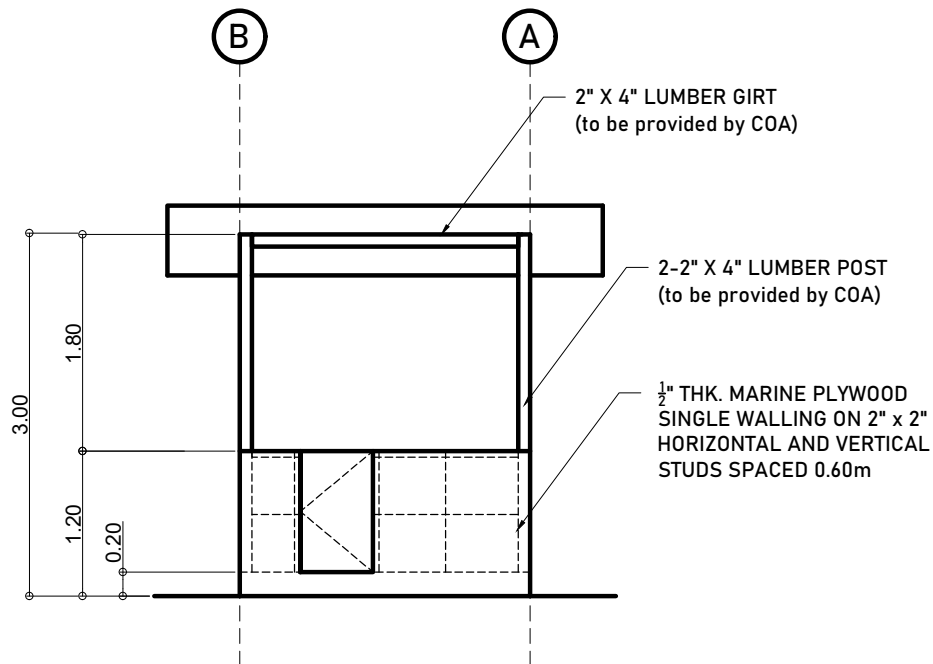
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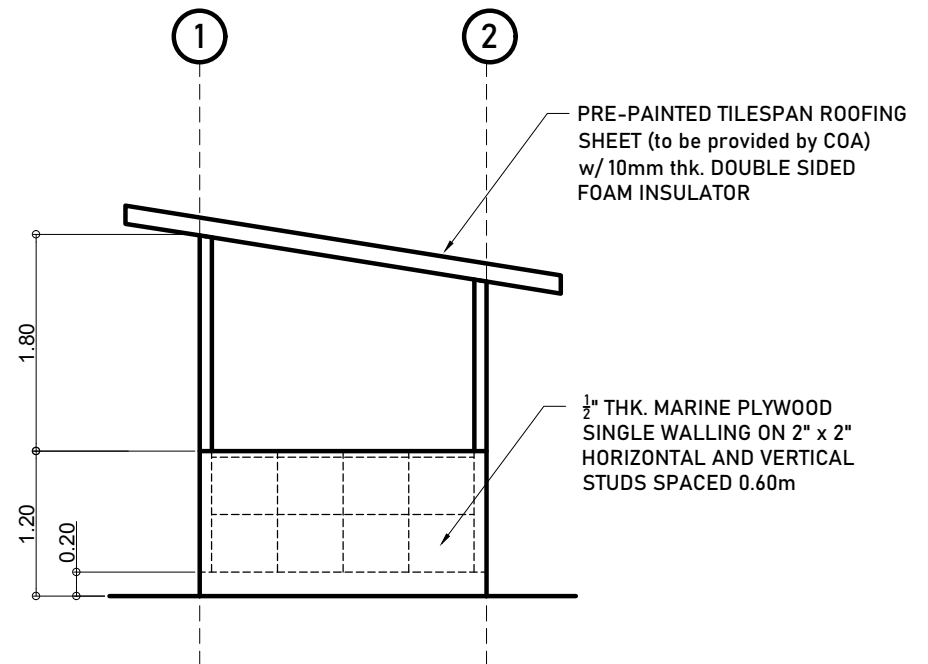
RECOMMENDING APPROVAL:  
CHARLES R. BULAC  
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REGIONAL DIRECTOR





**FRONT ELEVATION**



**RIGHT SIDE ELEVATION**



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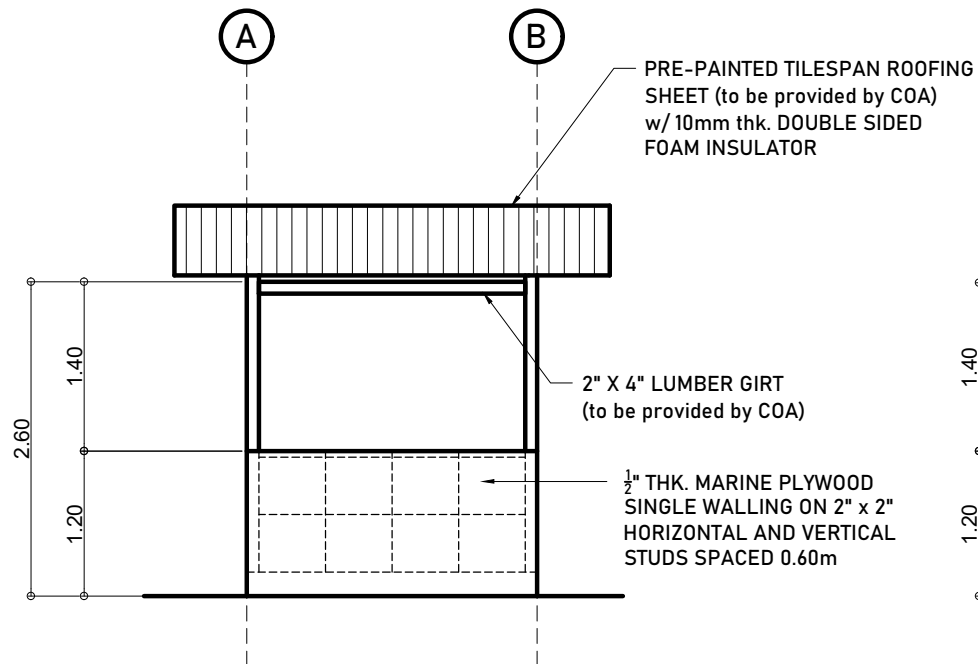
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CONSTRUCTION OF GUARD HOUSE  
AT TRAINING CENTER  
**LOCATION:** COA RO No.IX, CABATANGAN, ZAMBOANGA CITY

**PREPARED BY:**  
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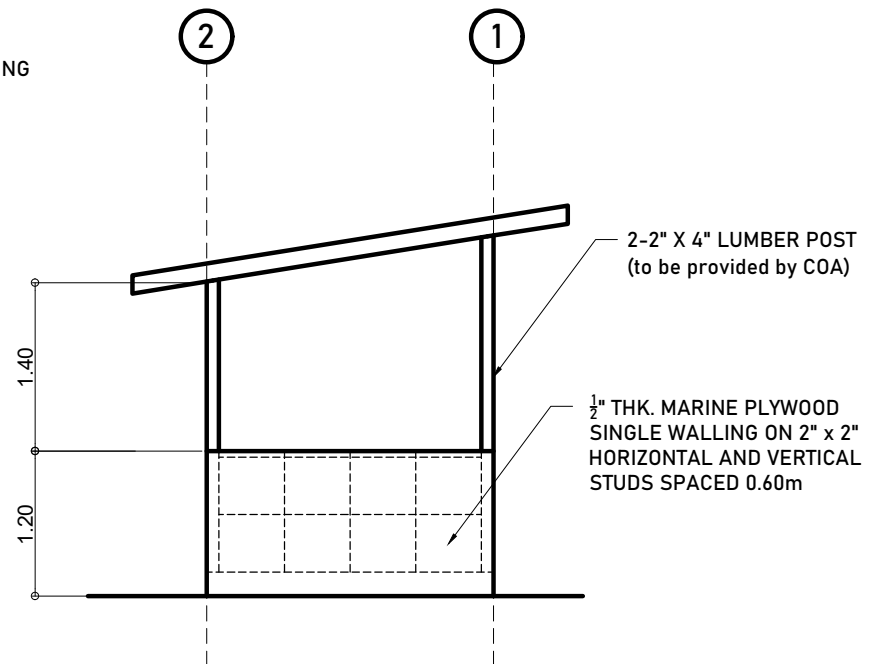
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STAS IV/OIC-SUPERVISING STAS

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**REAR ELEVATION**



**LEFT SIDE ELEVATION**



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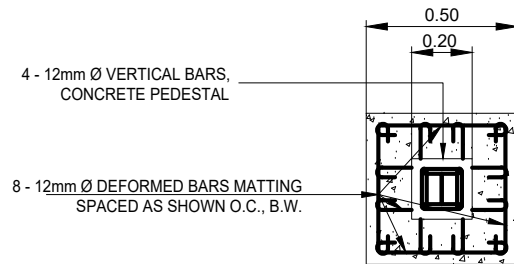
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 CONSTRUCTION OF GUARD HOUSE  
 AT TRAINING CENTER  
**LOCATION:** COA RO No.IX, CABATANGAN, ZAMBOANGA CITY

**PREPARED BY:**  
 RONAMARIE E. ESTEBAN  
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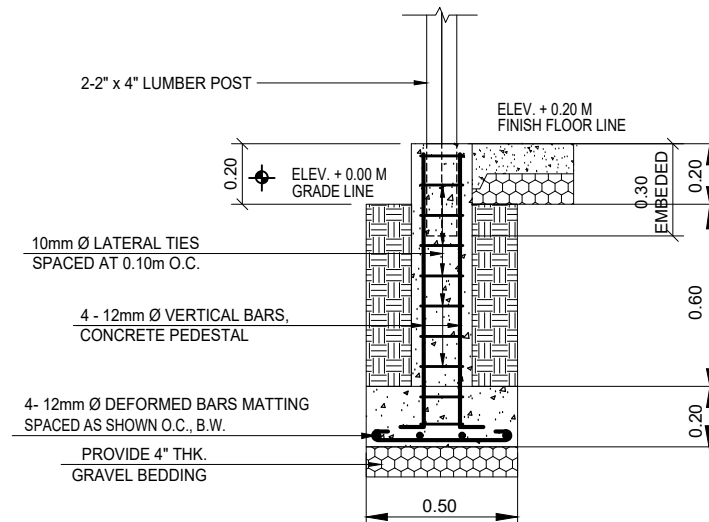
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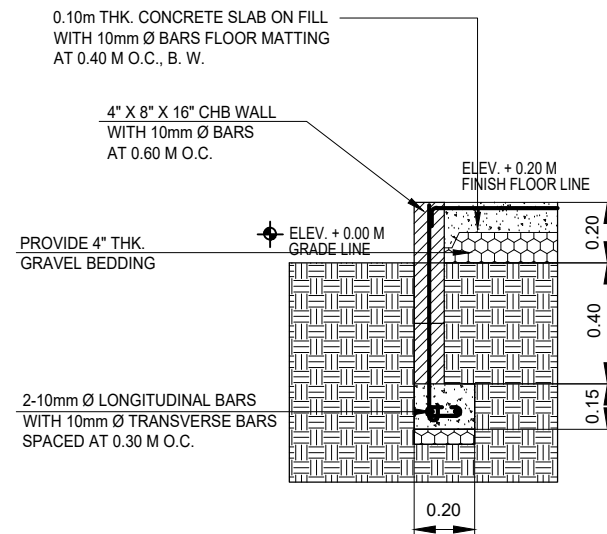




FOOTING PLAN



FOOTING SECTION



WALL FOOTING



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PROJECT TITLE:  
CONSTRUCTION OF GUARD HOUSE  
AT TRAINING CENTER  
LOCATION: COA RO No.IX, CABATANGAN, ZAMBOANGA CITY

PREPARED BY:  
RONAMARIE E. ESTEBAN  
STAS I

RECOMMENDING APPROVAL:  
CHARLES R. BULAC  
STAS IV/OIC-SUPERVISING STAS

APPROVED BY:  
MARISOL D. LEGASPI  
REGIONAL DIRECTOR

SHEET NO.

