



REQUEST FOR QUOTATION

Section 53.9b – SVP - Infrastructure

RFQ No.: 2022-09-0090

Date: November 4, 2022

COMPANY NAME:
COMPANY ADDRESS:
CONTACT PERSON:
CONTACT NO:
COMPANY TIN NO.:

Sir/Madam:

Please quote your government price/s including delivery charges, VAT or other applicable taxes, and other incidental expenses for the goods listed in **Annex A**. Failure to indicate **TECHNICAL SPECIFICATIONS** could be basis for non – compliance. Also, furnish us with the descriptive brochures, catalogues, literatures and/or samples, if applicable.

If you are the exclusive manufacturer, distributor or agent in the Philippines for the goods listed in Annex A please attach in your quotation a duly notarized certification to this effect.

Please submit this form together with Annex A to **DSWD FO IX BAC OFFICE** on or before

Nov. 11, 2022

Very truly yours,

RENATO G. FOJAS

Regional Procurement Officer

Term and Conditions:

PURPOSE: For the upgrading of perimeter fence of RSCC.

PR NO.: 2022-08-0109

1. Award shall be made on per: Item Basis / Lot Basis
2. Quotation validity: **30 calendar days from bid opening**
3. Goods shall be delivered on: **30 days upon receipt of PO**
4. Delivery area: **DSWD-RSCC Logoy Diutay Talon-Talon, Zamboanga City**
5. Terms of payment: **within 60 calendar days after delivery**
6. Liquidated Damages/Penalty: **1/10 of 1% of undelivered portion x number of days of delay**
7. In case of discrepancy between unit cost and total cost, unit cost shall prevail.
8. Warranty: **Section 62 of R.A. 9184**
9. Performance Security: **Section 39 of R.A. 9184**

(Signature over printed name)

Supplier

PHILGEPS NO.:

PHILGEPS EXPIRY:

LATE: _____
SIGNATURE: _____

PROTECTIVE SERVICES DIVISION
RECEPTION AND STUDY CENTER FOR CHILDREN
 DSWD-GF-002 | REV 02 | 17 AUG 2022

Section 53.9b – SVP - Infrastructure

ANNEX A: RFQ
 RFQ NO.: 2022-09-0090
 DATE: November 4, 2022



COMPANY NAME: DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT
COMPANY ADDRESS: ZONE 4, GENERAL VICENTE ALVAREZ ST. ZAMBOANGA CITY
CONTACT PERSON: KRISTELL CLAIRE T. ARANETA
CONTACT NO.: 0905-458-6603

ITEM NO.	QTY.	UNIT	PURCHASER'S SPECIFICATIONS	TOTAL ABC	BIDDER'S SPECIFICATIONS	UNIT COST	TO	CO
1	184.80	Lot	UPGRADING OF PERIMETER FENCE	19,970.00				
2	260.00	LN.M	SITE WORKS	29,648.00				
3	18.33	BD.FT	FORMWORKS	116,520.00				
4	184.80	CU.M	CONCRETE WORKS	159,770.00				
5	1,524.75	SQ.M	MASONRY WORKS	95,560.00				
6	1.00	KGS	REINFORCEMENT STEEL	172,813.76				
7	16.00	LOT	METAL WORKS	18,030.00				
8	16.00	SQ.M	ROOFING WORKS	17,446.80				
9	1.00	SQ.M	CARPENTRY WORKS	6,650.00				
10	1.00	LOT	ELECTRICAL WORKS	11,420.00				
11	1.00	LOT	DOORS AND WINDOWS	6,927.00				
12	4.00	SQ.M	PAINTING WORKS	7,035.00				
13	136.00	SQ.M	TILE WORKS	58,200.00				
14	60.00	LN.M	COMBAT WIRE	37,200.00				
15	60.00	DAYS	CONSTRUCTION FOREMAN	235,997.05				
			INDIRECT COST	991,187.61				
			*****Nothing follows*****					

Purpose: For the upgrading of perimeter fence of RSCC
 PR No. : 2022-08-0109

DOCUMENT/S REQUIRED DURING RFQ OPENING:

1. Mayor's Permit
 2. Philgeps Registration Number
 3. PCAB License
 4. Income/Business Tax Return for ABC's Above 500k
- DOCUMENT/S REQUIRED BEFORE ISSUANCE OF NOTICE OF AWARD:**
1. Omnibus Sworn Statement for ABC's Above 500k



 (Signature over printed name)
 Supplier

DATE: _____
 SIGNATURE: _____

KRISTELL CLAIRE TAN-ARANETA
 Canvasser

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT
 GEN. VICENTE ALVAREZ ST., ZAMBOANGA CITY

UPGRADING OF PERIMETER FENCE AT RSCC
 TALON-TALON, MAMPANG ZAMBOANGA CITY

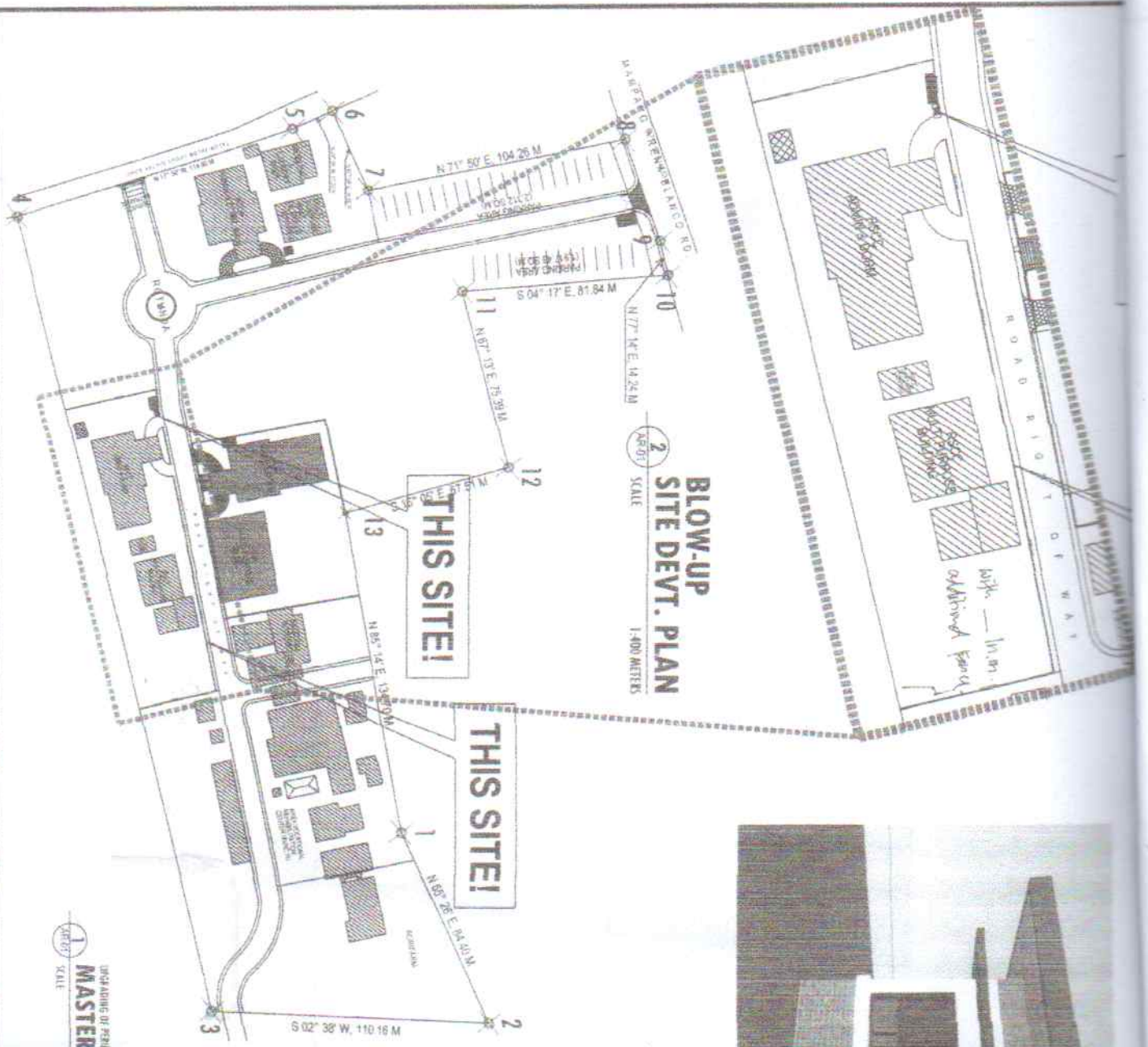
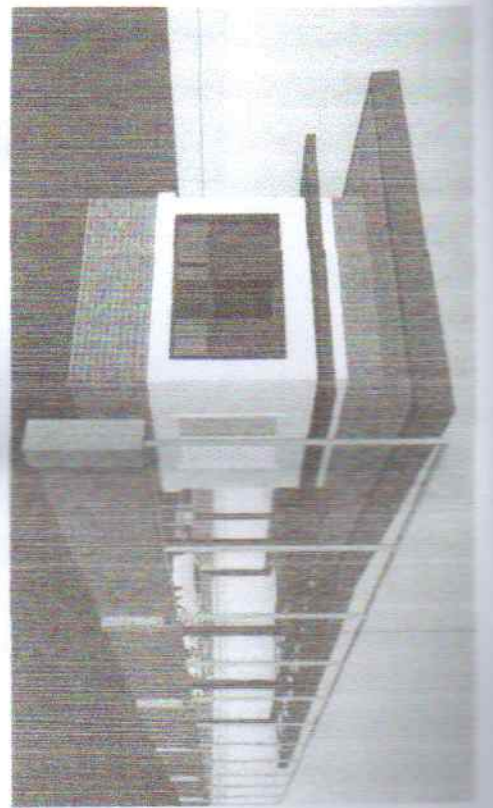
 DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT OFFICE OF THE SECRETARY GEN. VICENTE ALVAREZ ST., ZAMBOANGA CITY	
PROJECT TITLE: UPGRADING OF PERIMETER FENCE AT RSCC	
LOCATION: TALON-TALON, MAMPANG, ZAMBOANGA CITY	
PROJECT NUMBER: AS 10000	
APPROVED BY: 	
APPROVED BY: 	
APPROVED BY: 	
APPROVED BY: 	
APPROVED BY: 	
APPROVED BY: 	
DATE	AS

**BLOW-UP
SITE DEVT. PLAN**
1:400 METERS

2
SITE SCALE

**3
PERSPECTIVE**
1:75

3
SITE SCALE



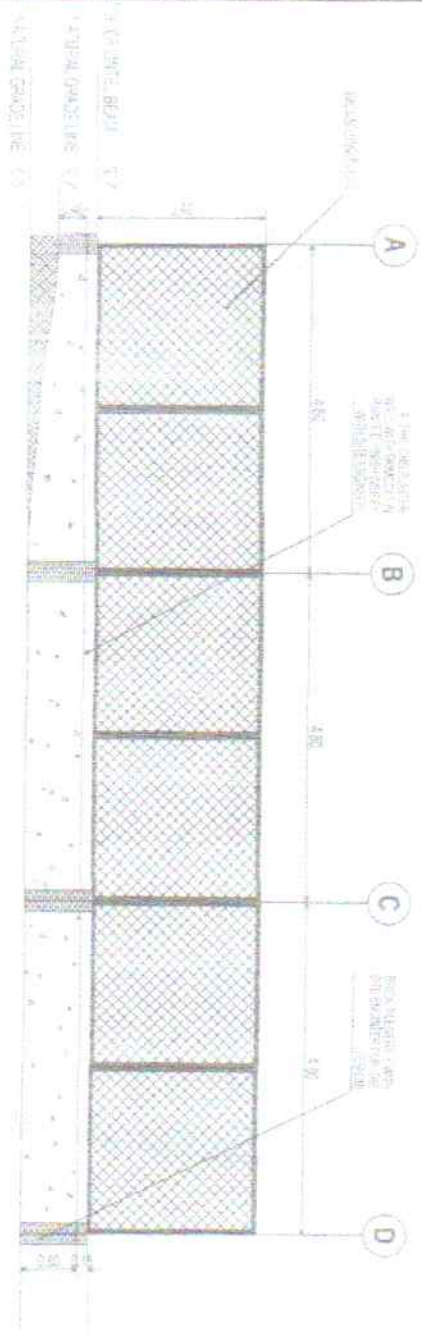
**1
MASTER DEVELOPMENT PLAN**
1:75

1
SITE SCALE

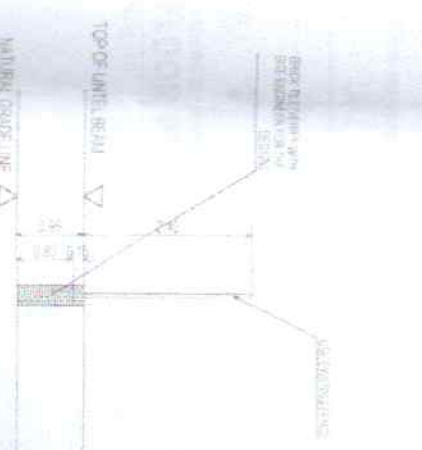
PREPARED BY: DAVID DAVID ARCHITECTS REGISTERED ARCHITECTS 1000 W. GARDEN BLVD., SUITE 100 TAMPA, FL 33606	
APPROVED BY: <i>[Signature]</i> REGISTERED ARCHITECT 1000 W. GARDEN BLVD., SUITE 100 TAMPA, FL 33606	
DATE: 02/13/13	
PROJECT: UPGRADING OF PERIMETER FENCE 1000 W. GARDEN BLVD., SUITE 100 TAMPA, FL 33606	
SHEET: AS	
SCALE: 1:75	
DRAWN BY: <i>[Signature]</i>	
CHECKED BY: <i>[Signature]</i>	
DATE: 02/13/13	
PROJECT NO: 02113	
SHEET NO: AS	



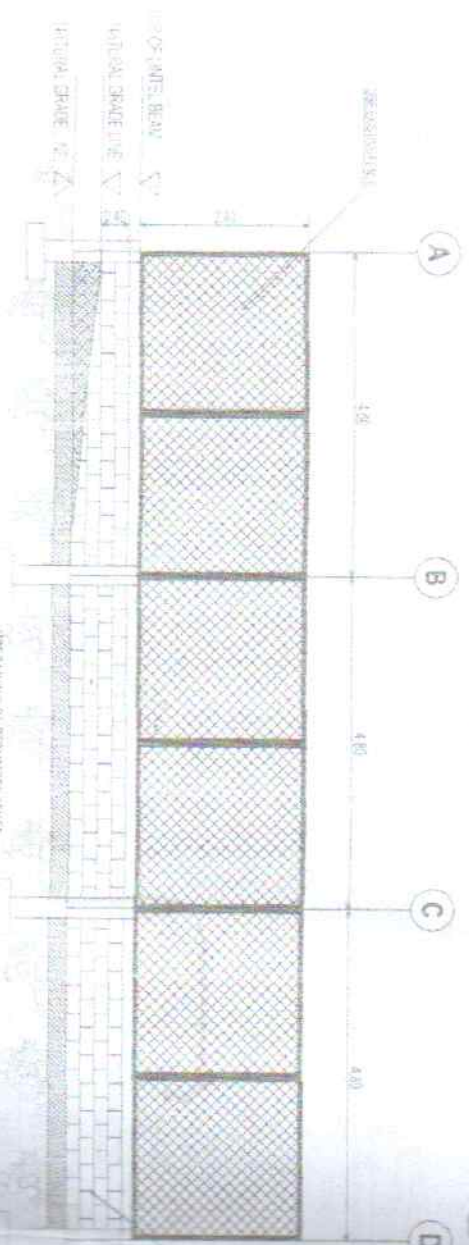
1
UPGRADING OF PERIMETER FENCE
FLOOR PLAN
SCALE 1:75 METERS



2
UPGRADING OF PERIMETER FENCE
FRONT ELEVATION
SCALE 1:75 METERS



3
UPGRADING OF PERIMETER FENCE
TYP. SIDE ELEVATION
SCALE 1:75 METERS

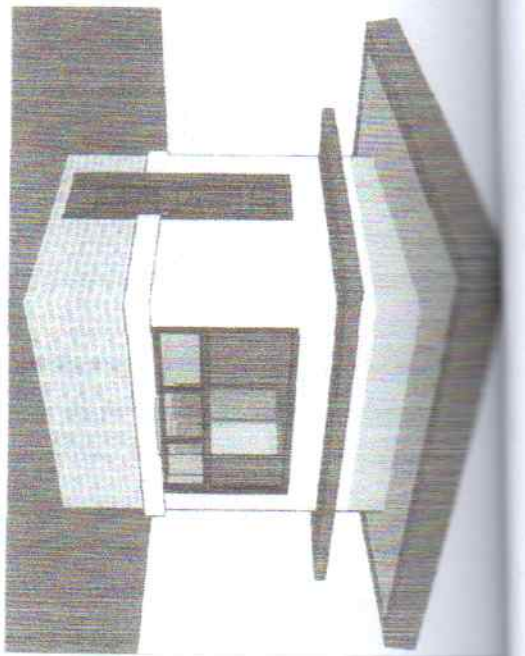


4
UPGRADING OF PERIMETER FENCE
CROSS SECTION
SCALE 1:75 METERS

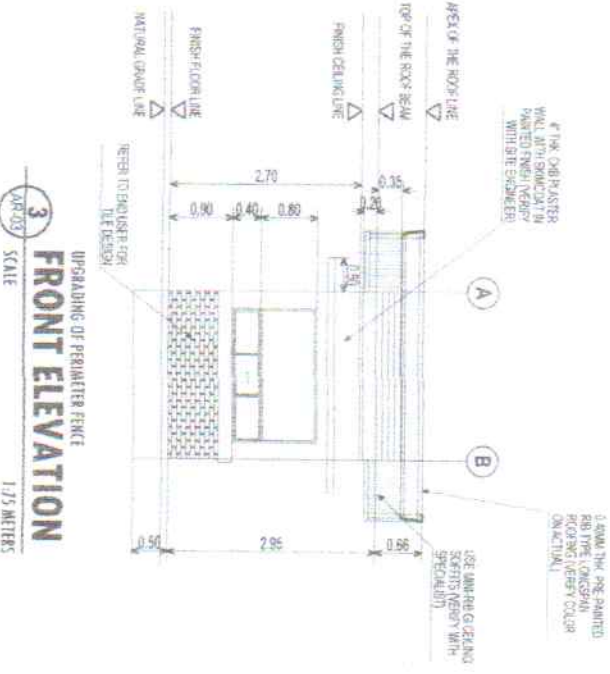
FOR UPGRADING OF PERIMETER FENCE
PROJECT: KANGKANG
ADDRESS: KANGKANG

NOTE:
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.

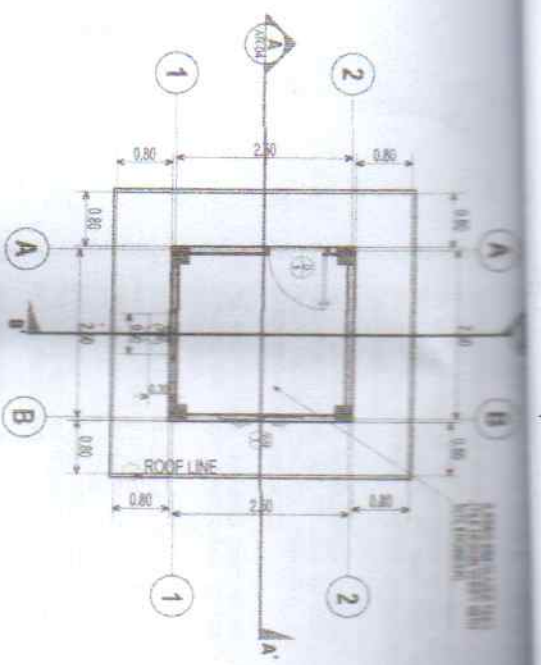
PREPARED BY: <i>[Signature]</i> CHECKED BY: <i>[Signature]</i> APPROVED BY: <i>[Signature]</i> DATE: <i>[Date]</i>		
PROJECT: UPGRADING OF PERIMETER FENCE ADDRESS: KANGKANG		
DRAWING NO: 0213	SHEET NO: A3	TOTAL SHEETS: 1



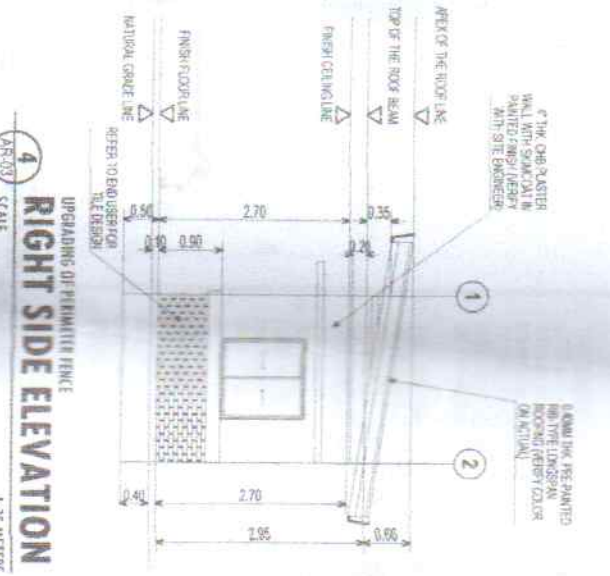
1
ARQ03 SCALE
**UPGRADING OF PERIMETER FENCE
PERSPECTIVE**
M/T



3
ARQ03 SCALE
**UPGRADING OF PERIMETER FENCE
FRONT ELEVATION**
1:75 METERS

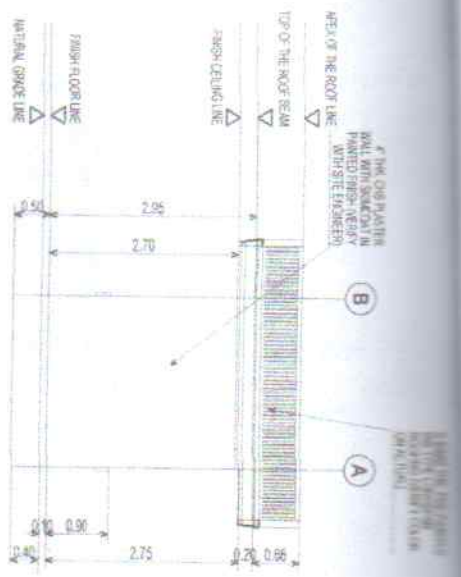


2
ARQ03 SCALE
**UPGRADING OF PERIMETER FENCE
FLOOR PLAN**
1:75 METERS

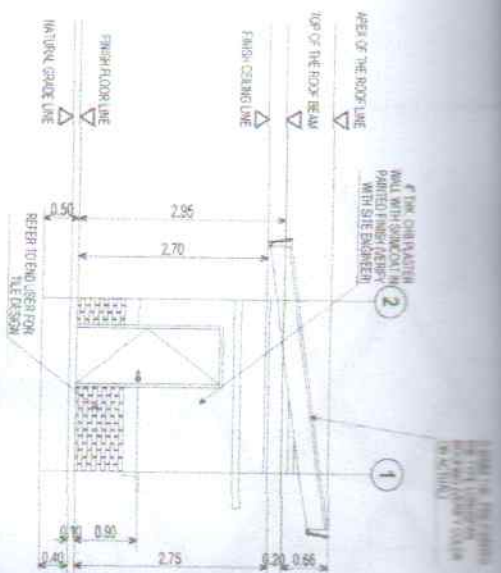


4
ARQ03 SCALE
**UPGRADING OF PERIMETER FENCE
RIGHT SIDE ELEVATION**
1:75 METERS

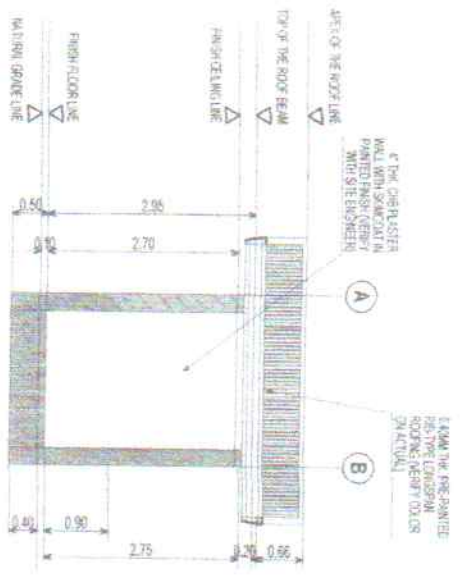
CONSULTANT DAVID K. CORONADO, ARCHITECT ZAMBONIA CITY	
PROJECT NAME UPGRADING OF PERIMETER FENCE	
DATE 2024	
PROJECT NO. 0473	
DRAWING NO. A3	
ARCHITECTURE 0473	
SCALE A3	



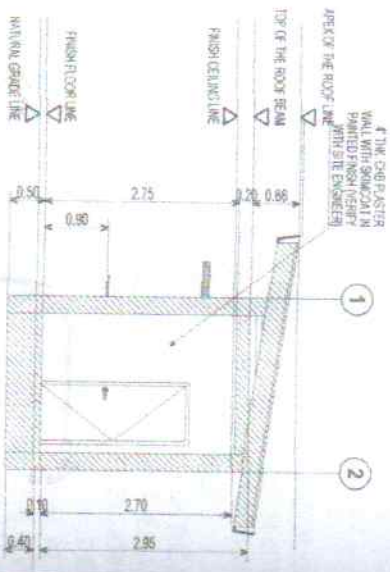
1
REAR ELEVATION
SCALE: 1:75 METERS



2
LEFT SIDE ELEVATION
SCALE: 1:75 METERS



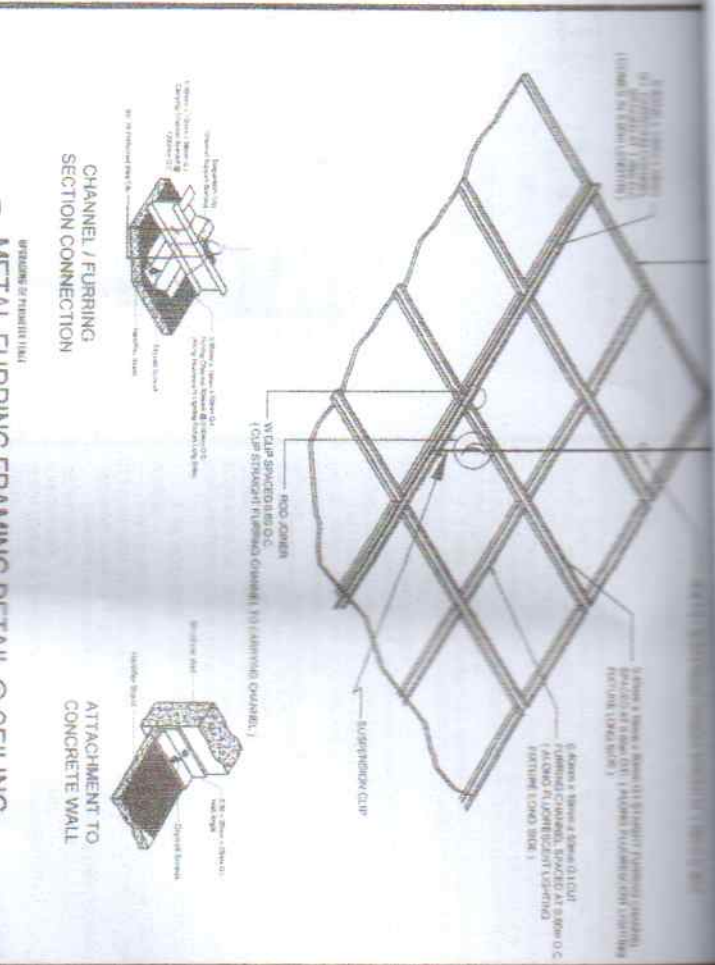
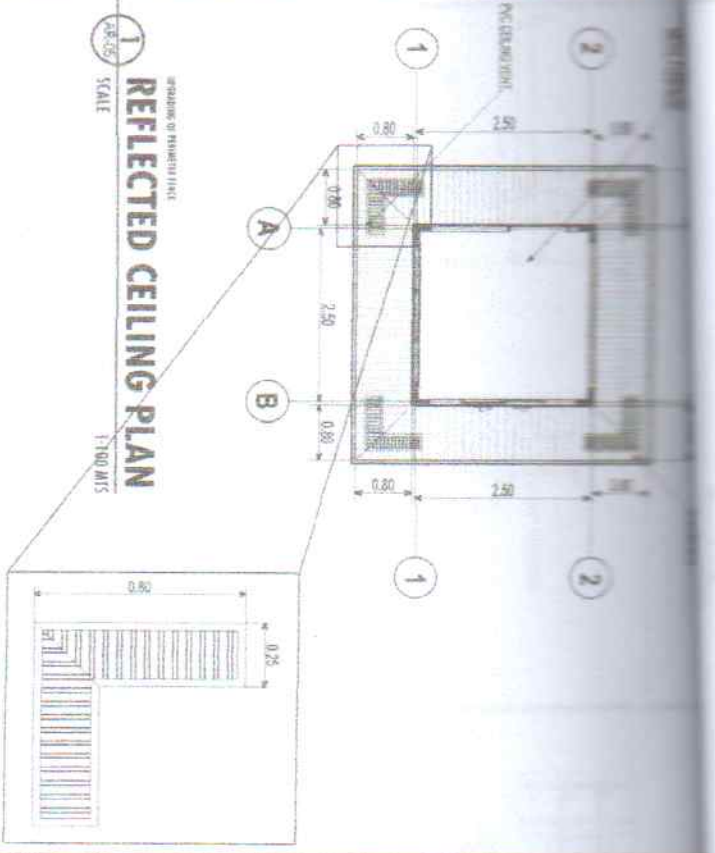
3
CROSS SECTION
SCALE: 1:75 METERS



4
LONGITUDINAL SECTION
SCALE: 1:75 METERS

1. THE DRAWINGS ARE AN INSTRUMENT OF SERVICE AND REMAIN THE PROPERTY OF CHOP-DSVD FOJX. THEY ARE NOT TO BE REPRODUCED OR ALTERED IN ANY WAY OR DISCLOSED OR ASSIGNED TO ANY THIRD PARTY WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHOP-DSVD FOJX.
2. ALL DRAWINGS REPRESENTED HEREIN ARE DIMENSIONED FROM FACE TO FACE OF STRUCTURAL FINISH, ROUGH CONCRETE SURFACES, FACE OF MASONRY OR OTHERWISE NOTED.
3. ALL ARCHITECTURAL DRAWINGS SHALL BE READ WITH CONSULTATION WITH STRUCTURAL DRAWINGS (IF APPLICABLE).
4. DRAWINGS ARE NOT TO BE SCALED. DIMENSIONS SHALL HAVE PREFERENCE OVER SCALE AND SHALL BE FIELD VERIFIED AND COORDINATED WITH THE WORK OF ALL TRADES. IF THE DIMENSION IS NOT GIVEN OR A DISCREPANCY IS FOUND, CONTRACTOR SHALL NOTIFY THE END-USER'S REPRESENTATIVE FOR CLARIFICATION BEFORE PROCEEDING.
5. ANY DISCREPANCY IN DIMENSION AND SPECIFICATIONS FOUND IN THE DRAWINGS SHALL BE INFORMED TO THE ARCHITECT/ ENGINEER, SITE ENGINEER FOR CLARIFICATION BEFORE PROCEEDING ANY WORKS ON SITE.
6. THE QUALITY OF WORKMANSHIP THROUGHOUT SHALL BE OF FIRST CLASS AND ALL MATERIALS SHALL MEET OR EXCEED NORMAL INDUSTRY STANDARDS.
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITION THAT PERTAIN TO THE WORK OF INDIVIDUAL TRADES. DISCREPANCIES BETWEEN DRAWINGS AND SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ SITE ENGINEER/ END-USER BEFORE COMMENCEMENT OR RESUMPTION OF THE WORK.
8. THE CONTRACTOR / SUB CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING SHOP DRAWINGS AS PER SITE CONDITION FOR ANY RELATED WORKS AND SHALL SUBMIT TO CHOP-DSVD FOJX FOR APPROVAL BEFORE EXECUTION OF WORK AT SITE.
9. THE CONTRACTOR / SUB CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ERRORS ARISING FROM HIS OWN INADEQUATE SETTING OUT AND SHALL ENTIRELY ON HIS OWN COST AMEND ANY ERRORS UNLESS OTHERWISE INSTRUCTED BY THE CONSULTANT.
10. DRAWINGS FROM MECHANICAL, ELECTRICAL AND STRUCTURAL ARE DRAWINGS THAT SERVE THEIR RESPECTIVE DESIGN PURPOSE. IF FOUND ANY CONFLICTING DESIGN FROM ARCHITECTURAL DRAWINGS, ARCHITECTURAL DRAWINGS WILL PREVAIL.
11. ALL SPECIFICATIONS IN THIS DRAWING ARE SUBJECT FOR APPROVAL BY THE END-USER, OTHERWISE NOTED.
12. ALL MATERIALS TO BE USED IN THIS PROJECT ARE TO BE OF BRAND NEW AND UPON APPROVAL BY ARCHITECT/ ENGINEER/ END-USER.

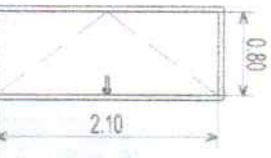
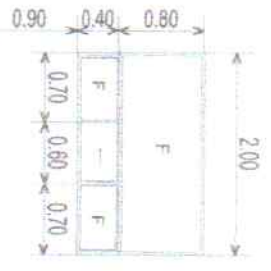
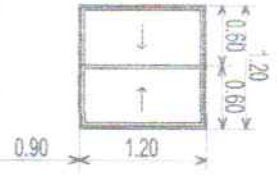
<p>APPROVED BY:</p>  <p>CHOP-DSVD FOJX</p>	<p>APPROVED BY:</p>  <p>CHOP-DSVD FOJX</p>
<p>DATE:</p> <p>05/13</p>	<p>SCALE:</p> <p>A3</p>



CEILING INSTALLATION

1. FIX AND ALIGN ACCURATELY ALL STEEL ANGLE AT THE MAXIMUM INTERVAL OF 1.20 METER.
2. TIE THE SUSPENSION ROD SECURELY TO THE STEEL ANGLE.
3. ATTACH THE CARRYING CHANNELS TO THE SUSPENSION CLIP THEN USE THE ROD JOINER TO CONNECT THE SUSPENSION ROD TO THE SUSPENSION CLIP.
4. ATTACH THE METAL FURRING TO THE CARRYING CHANNEL AT RIGHT ANGLE TO EACH OTHER USING THE FURRING CLIPS. METAL FURRING CAN BE AT 0.40 METER UP TO 0.80 METER APART.
5. CEILING BOARDS (HARDIFLEX BOARD) ATTACHED TO THE METAL FRAMING BY DRY WALL SCREW.

NO.	DESCRIPTION	UNIT	QTY	REMARKS
1	SLIDING WINDOW	SQ. M	1	USE THE FIRST CLASS ALUMINUM WINDOW
2	FIXED GLASS WITH SLIDING WINDOW	SQ. M	1	USE THE CLASS A AND B GLASS
3	PANEL DOOR	SQ. M	1	USE THE 1.80 M X 2.10 M DOOR WITH THE TOP PANEL AND 2.10 M X 0.90 M BOTTOM PANEL



SCHEDULE OF DOOR AND WINDOW

SCALE 1:50 MTS

APPROVED BY: *[Signature]*
 PROJECT NO: *[Signature]*
 DATE: *[Signature]*
 DRAWING NO: *[Signature]*
 SHEET NO: *[Signature]*
 OF: *[Signature]*
 PROJECT: *[Signature]*
 CLIENT: *[Signature]*
 ARCHITECT: *[Signature]*
 ENGINEER: *[Signature]*
 SURVEYOR: *[Signature]*
 DRAWING NO: *[Signature]*
 SHEET NO: *[Signature]*
 OF: *[Signature]*
 PROJECT: *[Signature]*
 CLIENT: *[Signature]*
 ARCHITECT: *[Signature]*
 ENGINEER: *[Signature]*
 SURVEYOR: *[Signature]*

CONSTRUCTION NOTES

A. GENERAL

1. CONSTRUCTION NOTES AND TYPICAL DETAILS SHALL APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED BY THE PROJECT ENGINEER OF THE ARCHITECTURAL AGENCY TO MEET SPECIAL CONDITIONS.

2. SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OR ALL STRUCTURAL STEEL, MISC. LAMINATE IRON, PRE-CAST CONCRETE, ETC. SHALL BE SUBMITTED FOR THE PROJECT ENGINEER'S AND APPROVAL BEFORE FABRICATION.

3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE ANY WORKS STARTED AND DOUBLE CHECK WITH PROJECT ENGINEER, THE MECHANICAL ENGINEER AND THE ELECTRICAL ENGINEER OF THE ARCHITECTURAL AGENCY FOR CONDUITS, PIPE STEVES ETC. TO BE EMBEDDED IN CONCRETE.

4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE HOISTING AND BRACING OF THE STRUCTURE FOR ALL LOADS THAT MAY BE IMPOSED DURING CONSTRUCTION.

5. CONCRETE AND REINFORCEMENT:

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE LATEST BUILDING CODE OF THE ARCHITECTURAL AGENCY (ACT 378).
- ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT THE END OF TWENTY-FOUR (24) HOURS WITH THE CORRESPONDING MAXIMUM SIZE OF AGGREGATE AND SLUMP AS FOLLOWS:

LOCATION	MINIMUM STRENGTH	MAX. SIZE AGGREGATE	MAX. SLUMP
SLAB ON GRADE	2000psi (2100 KGS/CM ²)	1 IN. (25 MM)	4 IN. (100MM)
FOUNDATION	3000psi (3000 KGS/CM ²)	3/4 IN. (19 MM)	4 IN. (100MM)
COLUMN	3000psi (3000 KGS/CM ²)	3/4 IN. (19 MM)	4 IN. (100MM)
BEAMS AND SLABS	3000psi (3000 KGS/CM ²)	3/4 IN. (19 MM)	4 IN. (100MM)
STAIRS AND RAMP	3000psi (3000 KGS/CM ²)	3/4 IN. (19 MM)	4 IN. (100MM)

- ALL REINFORCING STEEL BARS SHALL CONFORM TO ASTM 601 GRADE 40 FOR ALL BARS.
- IN THE GENERAL LATEST EDITION OF ACI-318, MANUAL OF STANDARD PRACTICE DETAILING REINFORCED CONCRETE STRUCTURES SHALL BE ADHERED TO UNLESS OTHERWISE SHOWN OR NOTED.
- MINIMUM MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS:

SUSPENDED SLAB	3/4 IN. (19MM)	2 IN. (50MM)
SLAB ON GRADE	2 IN. (50MM)	2 IN. (50MM)

- WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH.
- WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST FORM.
- WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH.
- SLABES SHALL BE SECURELY WIDED TOGETHER AND SHALL LAP OR EXTEND IN ACCORDANCE WITH STANDARDS LAP SPICE AND ANCHORAGE LENGTH IN THE LATEST EDITION OF NATIONAL STRUCTURAL CODE OF THE PHILIPPINES (NSCP). UNLESS OTHERWISE SHOWN ON DRAWING, SLABES SHALL BE STAGGERED WHENEVER POSSIBLE.
- ALL ANCHOR BOLT'S DOWELS AND OTHER WELLS SHALL BE PROBABLY POSITIONED AND REINFORCED IN PLACE PRIOR TO PLACING OF CONCRETE.
- ALL CONCRETE SHALL BE REPT. MOST FOR A MINIMUM OF SEVEN (7) CONSECUTIVE DAYS IMMEDIATELY AFTER PLACING BY THE USE OF WET BURLAP, FOG SPRAYING CURING COMPOUNDS OR OTHER APPROVED METHODS.
- STRENGTH OF FORMS AND SHORES:

- 24 HRS.
- SUSPENDED SLAB EXCEPT WHEN ADDITIONAL DAYS
- LOADS ARE IMPOSED
- 14 DAYS

- C. CAMBER REQUIREMENTS
- UNLESS OTHERWISE NOTED ON THE PLANS OR SPECIFICATIONS, CAMBER SHALL BE REINFORCED CONCRETE BEAMS AT LEAST 10MM FOR EVERY 400MM OF THE CLEAR SPAN EXCEPT CAMBERERS WHICH SHALL BE 50MM FOR EVERY 2000 MM OF THE CLEAR SPAN.
- UNLESS OTHERWISE NOTED ON THE PLANS OR SPECIFICATIONS, CAMBER ALL SLAB SHALL BE 300MM OF SHORTER SPAN AND 10MM FOR EVERY 200MM OF SLABS CANTILEVER SPAN.
- FOUNDATION

- FOUNDATION IS DESIGNED BASED ON THE ASSUMED ALLOWABLE SOIL BEARING CAPACITY OF 100kN.
- FOUNDATION SHALL REST ON NATURAL SOIL UNLESS OTHERWISE CHECKED BY THE PROJECT ENGINEER OF THE ARCHITECTURAL AGENCY. NO PART OF THE FOUNDATION SHALL REST ON FILL.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER FOOTING EXCAVATION WORKS HAVE BEEN COMPLETED AND PRIOR TO CONCRETING TO CONFIRM THE DESIGN SOIL BEARING CAPACITY.

APPROVED BY: *[Signature]*
PROJECT ENGINEER

APPROVED BY: *[Signature]*
CONTRACTOR

DATE: _____

DESIGN BY: *[Signature]*
ZABRORABACITY

DATE: _____

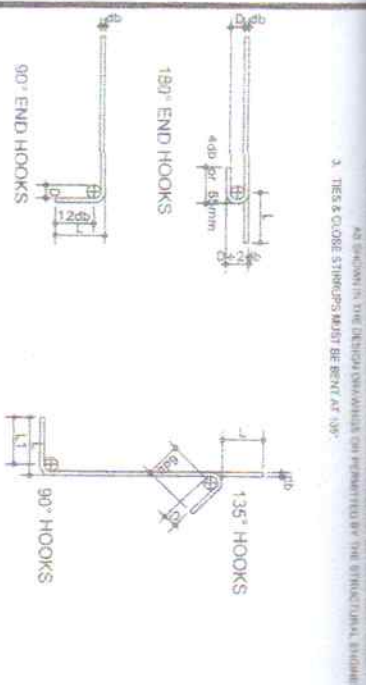
DATE: _____

DATE: _____

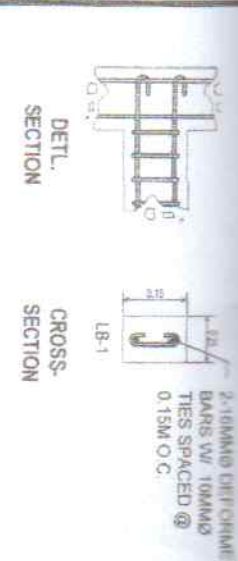
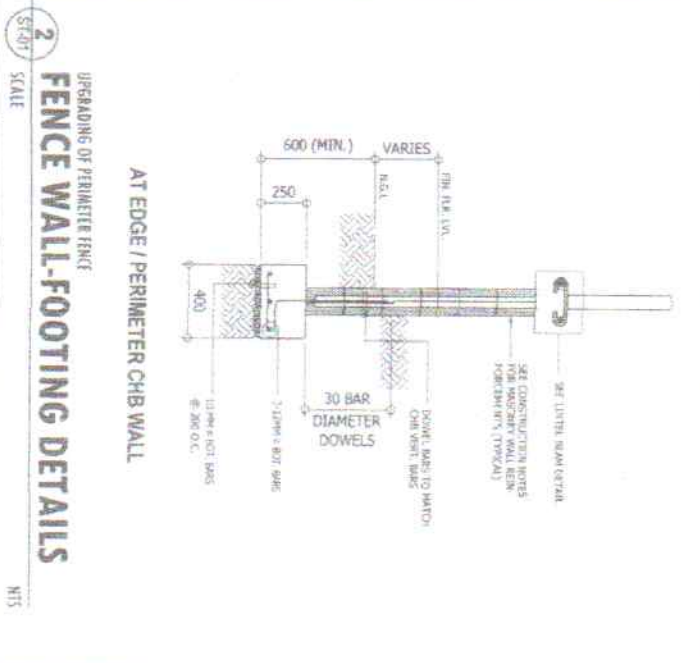
DATE: _____

DATE: _____

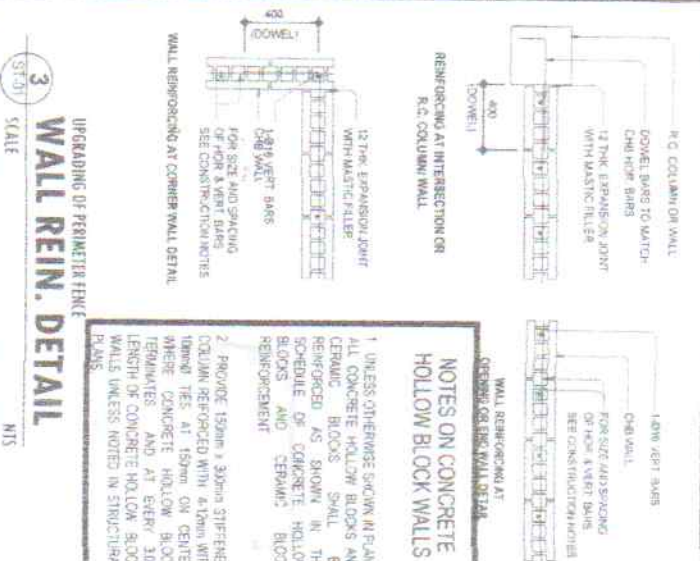
NO.	REVISION	DATE	BY	CHKD BY



MAIN BAR END HOOKS (ALL GRADES)		STIRRUP AND TIE HOOKS (ALL GRADES)	
BAR SIZE (REF. TABLE)	DIAMETER (mm)	BAR SIZE (REF. TABLE)	DIAMETER (mm)
10mm Ø	60	10mm Ø	40
12mm Ø	75	12mm Ø	50
16mm Ø	100	16mm Ø	70
20mm Ø	125	20mm Ø	90
25mm Ø	150	25mm Ø	110
32mm Ø	175	32mm Ø	130
40mm Ø	200	40mm Ø	150
50mm Ø	250	50mm Ø	175
60mm Ø	300	60mm Ø	200
75mm Ø	375	75mm Ø	250
90mm Ø	450	90mm Ø	300



LINTELS IN BLOCK WALLS	
2.70M	3.10M
3.00	3.40M
3.30	3.70M
3.60	4.00

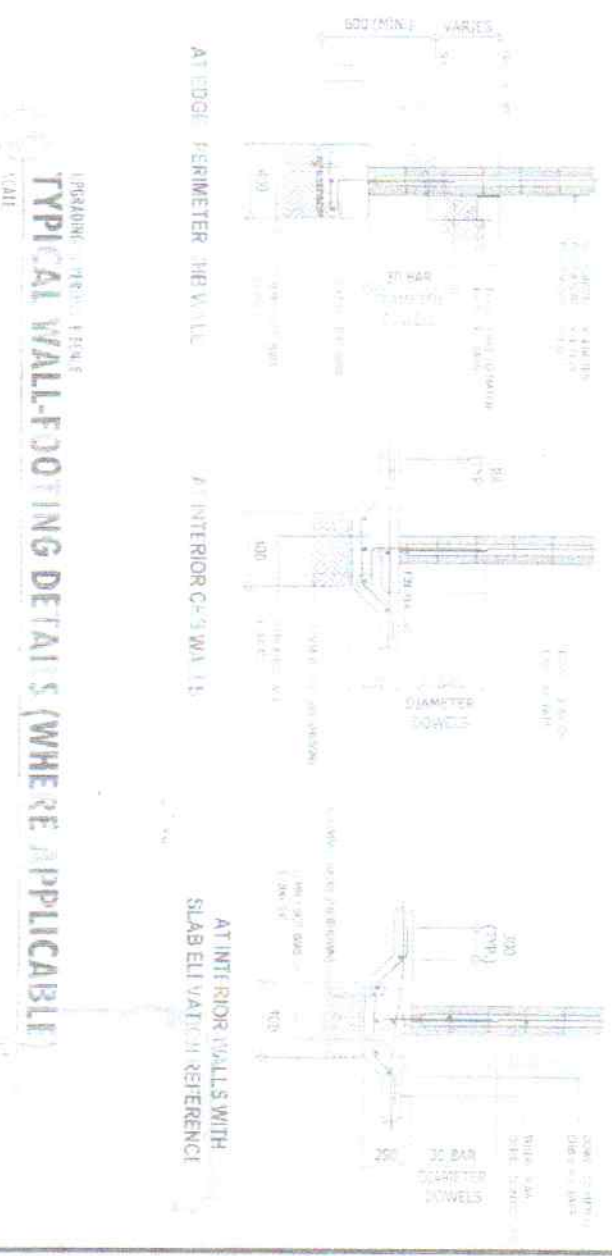
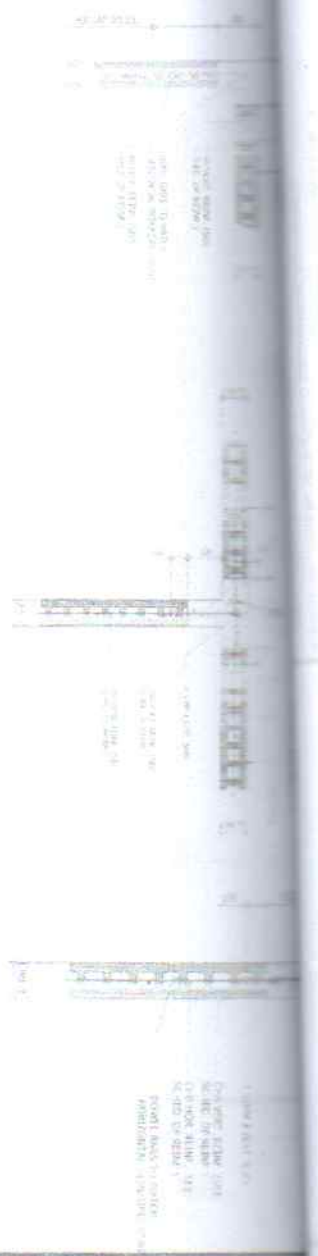


NOTES ON CONCRETE HOLLOW BLOCK WALLS

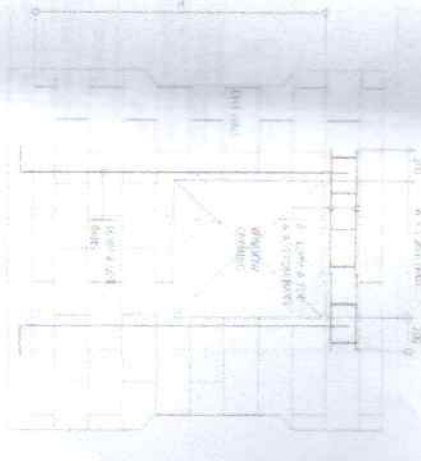
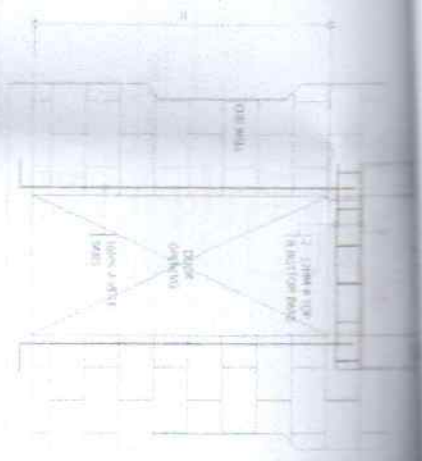
- UNLESS OTHERWISE SHOWN IN PLANS ALL CONCRETE HOLLOW BLOCKS AND CERAMIC BLOCKS SHALL BE REINFORCED AS SHOWN IN THE SCHEDULE OF CONCRETE HOLLOW BLOCKS AND CERAMIC BLOCK REINFORCEMENT.
- PROVIDE 15mm x 3mm STRENGTHEN COLUMN REINFORCED WITH 4mm WITH TYPICAL TIES AT 150mm ON CENTER WHERE CONCRETE HOLLOW BLOCK TERMINATES AND AT EVERY 300mm LENGTH OF CONCRETE HOLLOW BLOCK WALLS UNLESS NOTED IN STRUCTURAL PLANS.

2
SCALE
UPGRADE OF PERIMETER FENCE
FENCE WALL-FOOTING DETAILS
N15

3
SCALE
UPGRADE OF PERIMETER FENCE
WALL REIN. DETAIL
N15

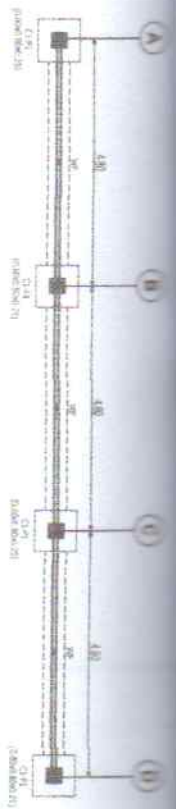


REINFORCING DETAIL FOR
 TYPICAL WALL-FOOTING DETAILS (WHERE APPLICABLE)
 REINFORCING DETAIL FOR
 WALL REINFORCING
 AT INTERSECTION
 REINFORCING DETAIL FOR
 WALL REINFORCING
 AT END / DOOR OPENING

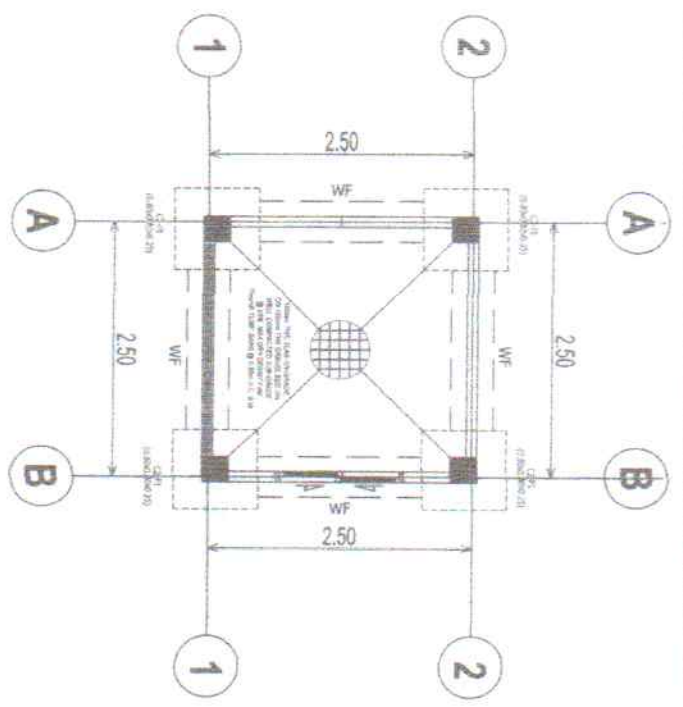


REINFORCING DETAIL FOR
 PERIMETER SLAB
 TYP. WINDOW OPENING
 W/ LINTEL BEAM DETAIL
 REINFORCING DETAIL FOR
 PERIMETER SLAB
 TYP. DOOR OPENING
 W/ LINTEL BEAM DETAIL

REVISIONS NO. 1 DATE BY		PROJECT NO. 10013	SHEET NO. A3
DESIGNER [Signature]		CHECKED BY [Signature]	
DRAWN BY [Signature]		APPROVED BY [Signature]	
SCALE 1:100		DATE 2013	
PROJECT NAME ZAMBONGA CITY		CLIENT NAME ZAMBONGA CITY	
PROJECT ADDRESS ZAMBONGA CITY		PROJECT NO. 10013	
SHEET NO. A3		TOTAL SHEETS 10	



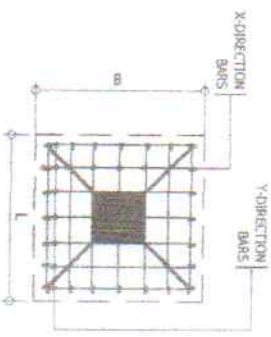
UPGRADING OF PERIMETER FENCE
1
 FOUNDATION PLAN
 SCALE 1:75 METERS



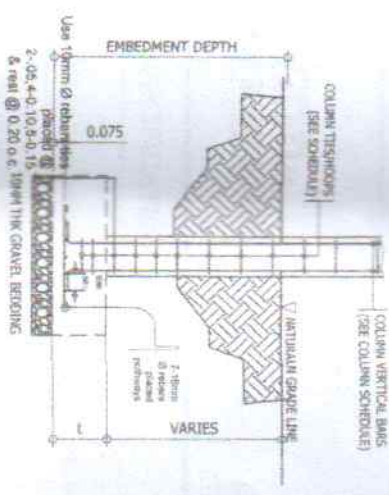
UPGRADING OF PERIMETER FENCE
2
 FOUNDATION PLAN
 SCALE 1:50 METERS

MARK	DESCRIPTION	REMARKS
C1	VERT. BARS SIZE: 300 mm x 300 mm TIES / SPIRAL: 6.15MM Ø	
C2	VERT. BARS SIZE: 250 mm x 250 mm TIES / SPIRAL: 4.15MM Ø	

MATERIALS SPECIFICATION:
 f_c = 20.7 MPa (3,000 psi)
 f_y = 414 MPa (60,000 psi)



BOTTOM BARS LAYOUT PLAN



SECTION

SCHEDULE OF FOOTING

MARK	FOOTING DIMENSIONS			TOP BARS		BOTTOM BARS		REMARKS
	WIDTH, B (m)	LENGTH, L (m)	THICKNESS, t (m)	X-DIRECTIONAL BARS	Y-DIRECTIONAL BARS	X-DIRECTIONAL BARS	Y-DIRECTIONAL BARS	
F1	0.80	0.80	0.23	NONE	NONE	7-16.9M Ø	7-16.9M Ø	ISOLATED FOOTING

NOTE: PROVIDE 300MM(MIN.) DEVELOPMENT LENGTH FOR COLUMN FOOTING

MATERIAL SPECIFICATIONS:
 f_c = 21 MPa (3,000 psi)
 f_y = 414 MPa (60,000 psi)

ALLOWABLE SOIL PRESSURE:
 q_{all} = 144 kPa (3,000 psf)

UPGRADING OF PERIMETER FENCE
3
 TYP. COLUMN-FOOTING DETAIL
 SCALE 1:25M

APPROVED BY: *[Signature]*

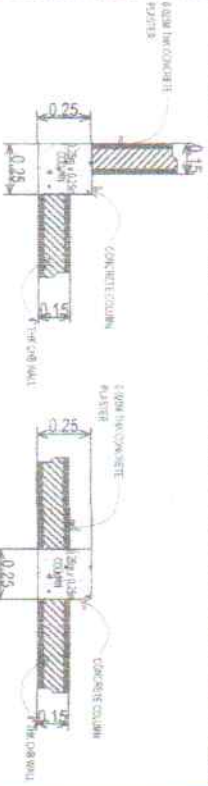
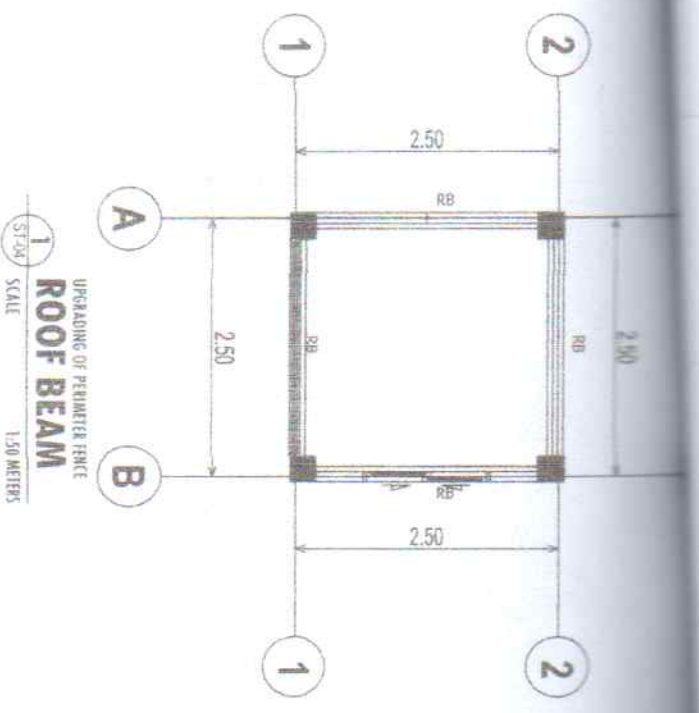
DATE: _____

PROJECT: _____

SCALE: _____

REVISIONS:

NO.	DESCRIPTION	DATE



2 COLUMN TO PLASTER DETAIL

SCALE

1:25M

MASONRY/ CONCRETE BLOCKS

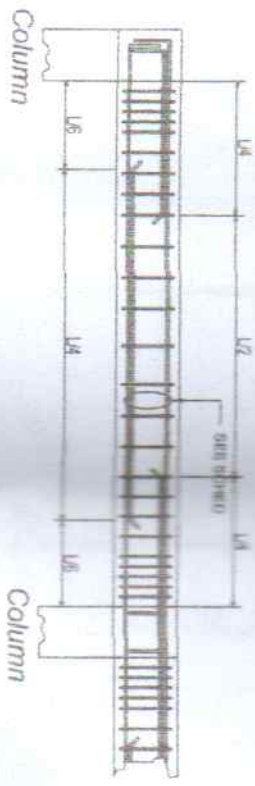
1. ALL VERTICAL BEARING TYPE CONCRETE BLOCKS SHALL HAVE A UNIT WEIGHT NOT TO EXCEED 800 KG FOR LOAD BEARING TYPE CONCRETE BLOCKS. MINIMUM COMPRESSIVE STRENGTH OF 4.00 MPa (580 PSI) SHALL BE OBSERVED.
2. PROVIDE VERTICAL PERFORATION AT CORNERS, INTERSECTION AND OF WALLS AND DOORS OF OPENINGS AS SHOWN.
3. LATE BEARING TYPE CONCRETE BLOCKS SHALL BE AT LEAST 150MM (6 IN) OVER SIZE OF MASONRY WALL OPENING.
4. WALL REINFORCEMENTS SHALL BE AS FOLLOWS:

WALL THICKNESS	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT
4 IN (100 MM)	Ø12 @ 400 MM	Ø10 @ 800 MM

5. BLOCK WALL REINFORCING BARS SHALL BE LAPTED A MINIMUM OF 36 BAR DIAMETER WHERE SPACED HORIZONTAL PERFORATION DOWN TO FOOTINGS. COLUMNS SHALL BE SLABS SHALL EXTEND INTO THE BLOCK WALL A MINIMUM OF 36 BAR DIAMETERS OR A MINIMUM OF 400 MM (WHICHEVER IS LONGER) AND DOWN TO MATCH VERTICAL REINFORCEMENT OF WALL.

SIZE (MM)	150x200	150x200	150x200	150x200	150x200
TOP BARS	3-16MM Ø	3-16MM Ø	2-16MM Ø	3-16MM Ø	3-16MM Ø
BOTTOM BARS	3-16MM Ø	3-16MM Ø	2-16MM Ø	3-16MM Ø	3-16MM Ø
WEB BARS	NONE	NONE	NONE	NONE	NONE
STIRRUPS	10MM Ø 50x50MM 4@100MM 3@150MM REST @ 200MM O.C TO U.C.				

MATERIALS SPECIFICATION: $f_c = 20.7 \text{ MPa (3,000 psi)}$
 $f_y = 414 \text{ MPa (60,000 psi)}$



3 TYPICAL BEAM/ ROOF BEAM DETAIL

SCALE

1:30

STRUCTURAL SPECIFICATIONS

- A) CONCRETE**
- A.1 COLUMNS ----- $f_c = 21 \text{ MPa (3,000 psi)}$ @ 28th DAYS TIE THE SUSPENSION ROD SECURELY TO THE STEEL ANGLE.
 - A.2 FOOTINGS, REINFORCED CONCRETE WALLS AND STAIR ----- $f_c = 21 \text{ MPa (3,000 psi)}$ @ 28th DAYS.
 - A.3 ROOF BEAMS AND LINTEL BEAMS ----- $f_c = 21 \text{ MPa (3,000 psi)}$ @ 28th DAYS.
 - A.4 GROUND FLOOR SLAB ON FILL ----- $f_c = 21 \text{ MPa (3,000 psi)}$ @ 28th DAYS.
 - A.5 OTHERS NOT SPECIFIED ----- $f_c = 21 \text{ MPa (3,000 psi)}$ @ 28th DAYS.
- B) REINFORCEMENT**
- B.1 ALL MILD REINFORCING BARS SHALL BE ROUND DEFORM BARS CONFORMING TO ASTM A-515 16mm AND LARGER REBARS ----- $f_y = 228 \text{ MPa (33,000 psi)}$
 $f_y = 228 \text{ MPa (40,000 psi)}$
 - B.2 ALL REINFORCING BAR DIAMETER IN MILLIMETER INDICATED ON THE PLANS SHOULD BE STRICTLY FOLLOWED. ANY DEVIATION FROM THOSE SPECIFIED SHALL HAVE THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
 - B.3 WHERE SPLICING IS REQUIRED, SLAB & BEAM REINFORCING BARS SHALL BE SPLICED AT QUARTER POINT AND A MINIMUM LENGTH OF 40 TIMES THE DIAMETER OF THE BAR.
 - B.4 COLUMN VERTICAL BARS SHALL BE SPLICED AT MID-FLOOR HEIGHT, AND A MINIMUM LENGTH OF 400 ALSO NOT MORE THAN 5% OF THE TOTAL NUMBER OF BARS SHALL BE SPLICED AT ANY GIVEN SECTION.
- C) STRUCTURAL STEEL**
- C.1 ALL STRUCTURAL STEEL, BOTH ANGLES AND STEEL PLATES SHALL CONFORM TO ASTM A36 - $f_y = \text{MPa (36,000 psi)}$
 - C.2 WELDING ELECTRODES SHALL BE E70XX SERIES.
 - C.3 MACHINE BOLTS AND ANCHOR BOLTS SHALL CONFORM TO ASTM A325.
- D) STANDARD CONSTRUCTION PROCEDURES AS PER NATIONAL BUILDING CODE AND NATIONAL STRUCTURAL CODE FOR BUILDINGS SHOULD BE STRICTLY FOLLOWED IN THE EXECUTION OF THE PROJECT.**
- E) IT SHALL BE THE DUTY AND RESPONSIBILITY OF THE CONSTRUCTOR TO PROVIDE SHEET PILES PRECAUTIONARY MEASURES TO ENSURE SAFETY.**

DATE ISSUED: 10/13

SCALE: AS

PROJECT: UPGRADING OF PERIMETER FENCE

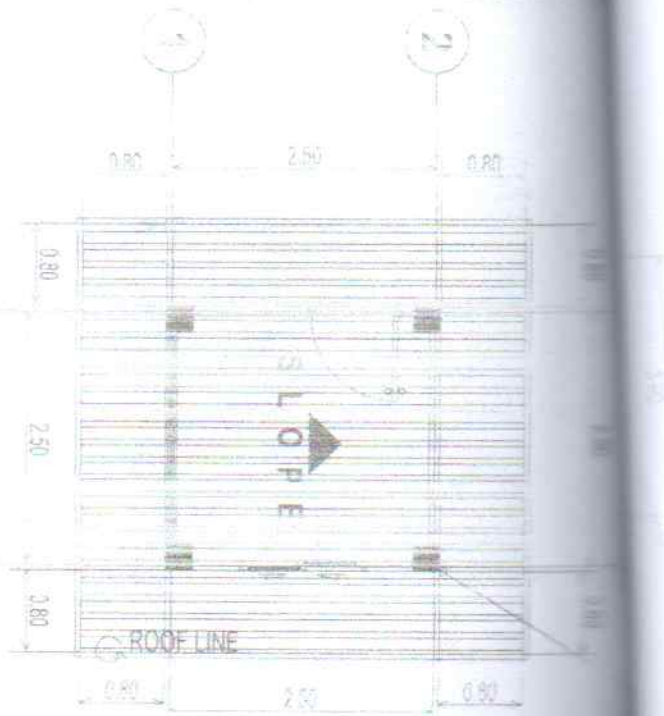
CLIENT: ZAMBANGA CITY

DESIGNED BY: [Signature]

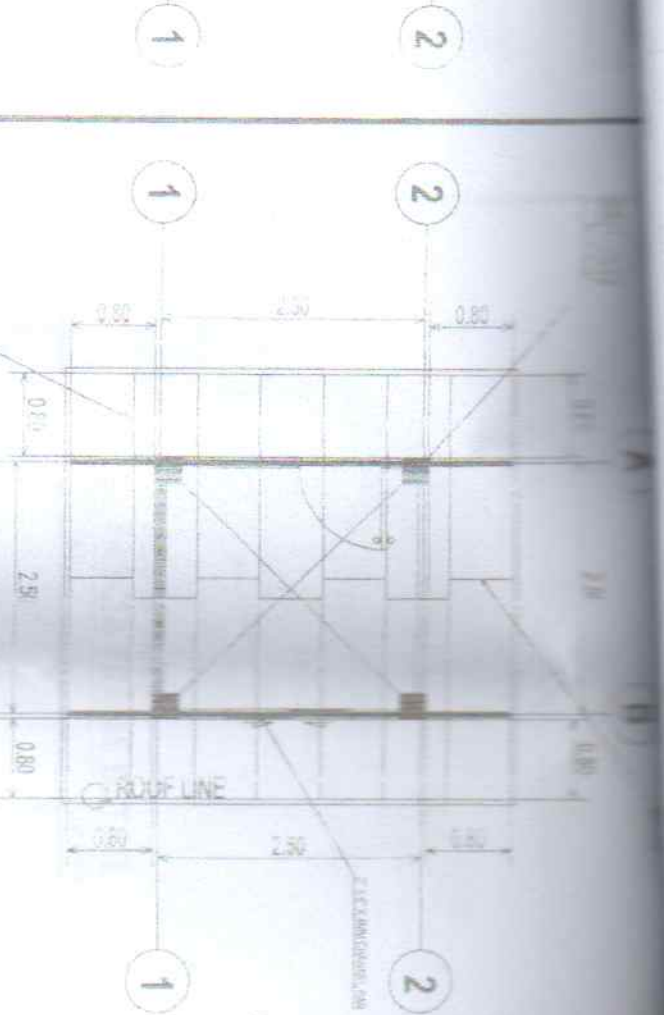
CHECKED BY: [Signature]

APPROVED BY: [Signature]

DATE: 10/13



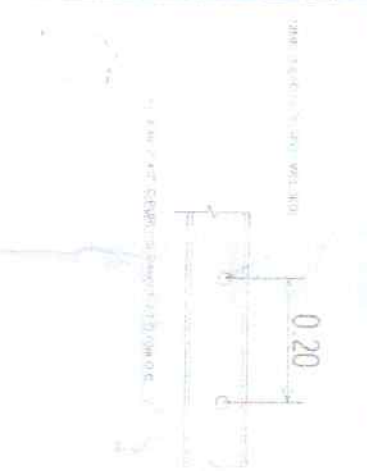
PROJEKTOVANJE I PROMET
ROOF PLAN
SCALE 1:300



PROJEKTOVANJE I PROMET
ROOF FRAMING PLAN
SCALE 1:300



PROJEKTOVANJE I PROMET
GUTTER DETAIL
SCALE 1:50



PROJEKTOVANJE I PROMET
SAG ROD DETAIL
SCALE 1:50



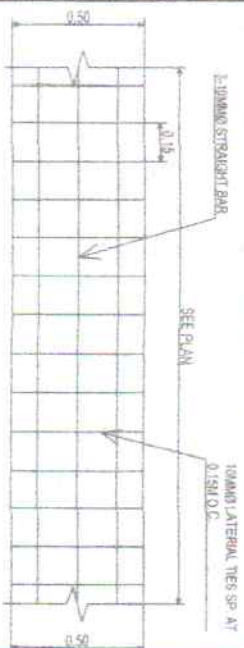
DATE: 08/10/2024		PROJECT: [blurred]	
DRAWN BY: [Signature]		CHECKED BY: [Signature]	
SCALE: 1:300		SCALE: 1:50	
DATE: 08/10/2024	SCALE: 1:300	DATE: 08/10/2024	SCALE: 1:50



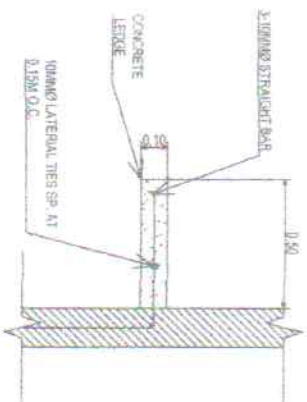
1
UPGRADING OF PERIMETER FENCE
PURLIN SUPPORT DETAIL

SCALE 1:50 METERS

NOTES:
1. SITE VERIFICATION BY THE CONTRACTOR PRIOR TO CONSTRUCTION IS ADVISED. DO NOT SCALE THE DRAWING!



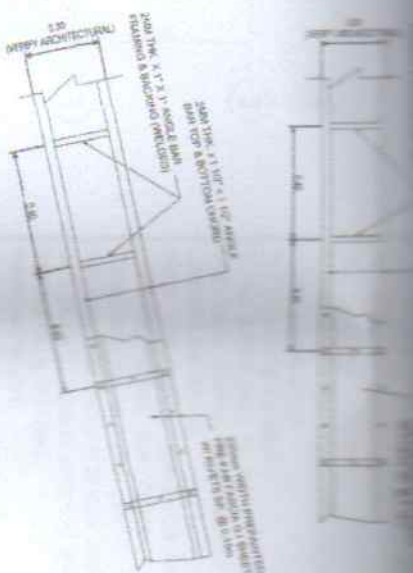
PLAN



SECTION

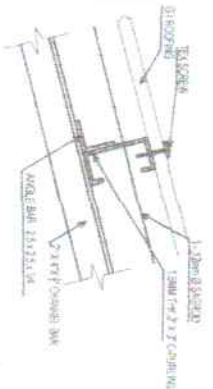
3
UPGRADING OF PERIMETER FENCE
CONCRETE LEDGE DETAIL

SCALE 1:50 METERS



2
UPGRADING OF PERIMETER FENCE
FASCIA FRAME DETAIL

SCALE 1:100 METERS



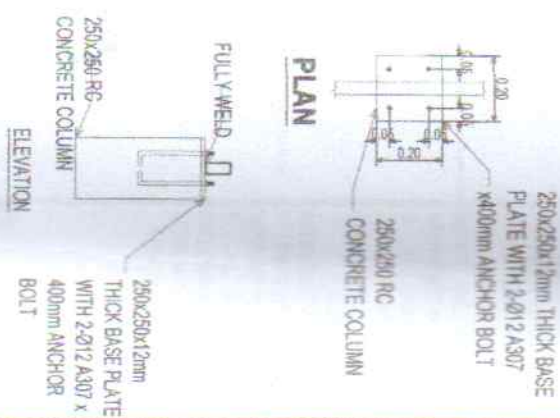
4
UPGRADING OF PERIMETER FENCE
TYP. C-PURLINS-STEEL CLEET CONN. DETL.

SCALE NTS



5
UPGRADING OF PERIMETER FENCE
PURLIN TO RAFTER CONN. DETL.

SCALE NTS



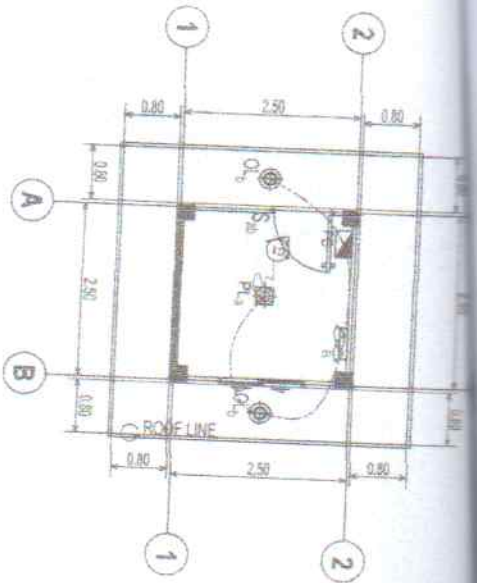
PLAN

ELEVATION

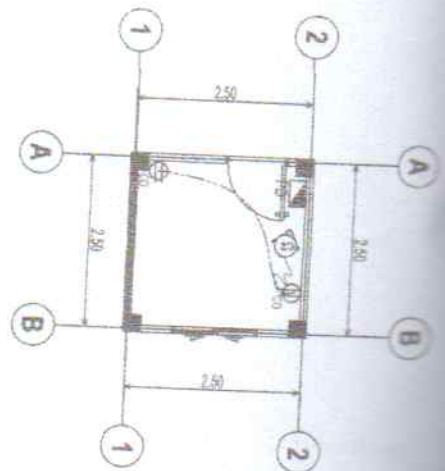
6
UPGRADING OF PERIMETER FENCE
RAFTER TO COLUMN CONN. DETAIL

SCALE NTS

APPROVED BY <i>[Signature]</i>	PROJECT <i>[Signature]</i>
APPROVED BY <i>[Signature]</i>	DATE SUBMITTED 15/07/2018
APPROVED BY <i>[Signature]</i>	DRAWN BY SUNIL K. VISWAS
APPROVED BY <i>[Signature]</i>	CHECKED BY SUNIL K. VISWAS
APPROVED BY <i>[Signature]</i>	DATE SUBMITTED 12/13
APPROVED BY <i>[Signature]</i>	SCALE A1



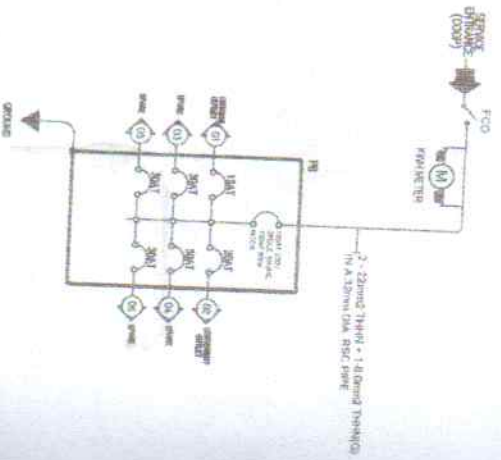
UPGRADING OF PERIMETER FENCE
1 LIGHTING LAYOUT PLAN
 1:75 MTS SCALE



UPGRADING OF PERIMETER FENCE
2 POWER LAYOUT PLAN
 1:100 MTS SCALE

ELECTRICAL LEGENDS

- PANEL BOARD
- 10-WATTS LED PINLIGHT WITH 4" FLUSHED MOUNTED CASING DAYLIGHT
- 10-WATTS LED OUTDOOR LIGHT IN FLUSHED MOUNTED CASING WARM WHITE
- TWO POLE SWITCH
- 6- WATTS EMERGENCY LAMP
- 3-GANG CONVENIENCE OUTLET 3-PRONG GROUNDING TYPE



UPGRADING OF PERIMETER FENCE
3 SINGLE LINE DIAGRAM
 MTS SCALE

DATE: 13/11/2013
 DRAWN BY: [Name]
 CHECKED BY: [Name]

1. ALL WIRING SHALL BE INSTALLED IN STANDARD RIGID STEEL CONDUITS RUN EMBEDDED INSIDE THE CONCRETE AND HOLLOW BLOCK STRUCTURES, SLABS, COLLARS, WALL PARTITIONS AND/OR RUN CONCEALED BETWEEN DOUBLE WALL WOODEN PARTITIONS AND INSIDE THE CELLING SPACES, WHERE THE USE OF CONCEALED CONDUIT WIRING IS IMPRACTICAL SURFACE METAL MOLDING WIRING MAY BE USED.

2. UNLESS OTHERWISE INDICATED IN THE PLAN, THE MINIMUM SIZE OF WIRE AND RIGID STEEL CONDUIT TO BE USED SHALL BE NO. 2.0 mm² AND 16mm DIAMETER RESPECTIVELY.

3. ALL LIGHTING CIRCUIT, HOMERUN AND CONVENIENCE OUTLETS SHALL BE WIRED WITH NOT LESS THAN 3.5mm² THIN IN SIZE UNLESS OTHERWISE INDICATED ON THE PLAN.

4. WHENEVER REQUIRED AND NECESSARY PULL BOXES OR JUNCTION BOXES OF PROPER SIZES SHALL BE INSTALLED AT CONVENIENT AND INCONSPICUOUS LOCATIONS, ALTHOUGH SUCH BOXES ARE NOT SHOWN ON THE PLANS NOT MENTIONED IN THE SPECIFICATIONS.

5. ALL SERVICE ENTRANCE EQUIPMENT SUCH AS PANEL BOARD, CIRCUIT BREAKERS, ETC. SHALL BE PROPERLY GROUNDING IN ACCORDANCE WITH THE REQUIREMENTS OF THE PHILIPPINE ELECTRICAL CODE.

6. THE POWER SOURCE SHALL BE SINGLE PHASE, WIRE, 220 VOLTS, 60 HZ A.C.

7. ALL WALL OUTLETS SHALL BE INSTALLED AT FOLLOWING HEIGHT ABOVE THE FINISHED FLOOR LEVEL UNLESS OTHERWISE NOTED:

- a. WALL SWITCHES (S1, S2, S3) 1200 mm
- b. CONVENIENCE OUTLET 300 mm
- c. AIR-CONDITIONING UNIT AT CONVENIENT HEIGHT NEAR THE EQUIPMENT

8. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND OF THE APPROVED TYPE FOR THE LOCATION AND PURPOSE.

9. ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A QUALIFIED ELECTRICAL ENGINEER.

APPROVED BY: [Signature]

DATE: 13/11/2013

PROJECT NO.:

CLIENT:

DESIGNER:

CHECKED BY:

DATE: 13/11/2013

PROJECT NO.:

CLIENT:

DESIGNER:

CHECKED BY:

DATE: 13/11/2013

PROJECT NO.:

CLIENT:

DESIGNER:

CHECKED BY: