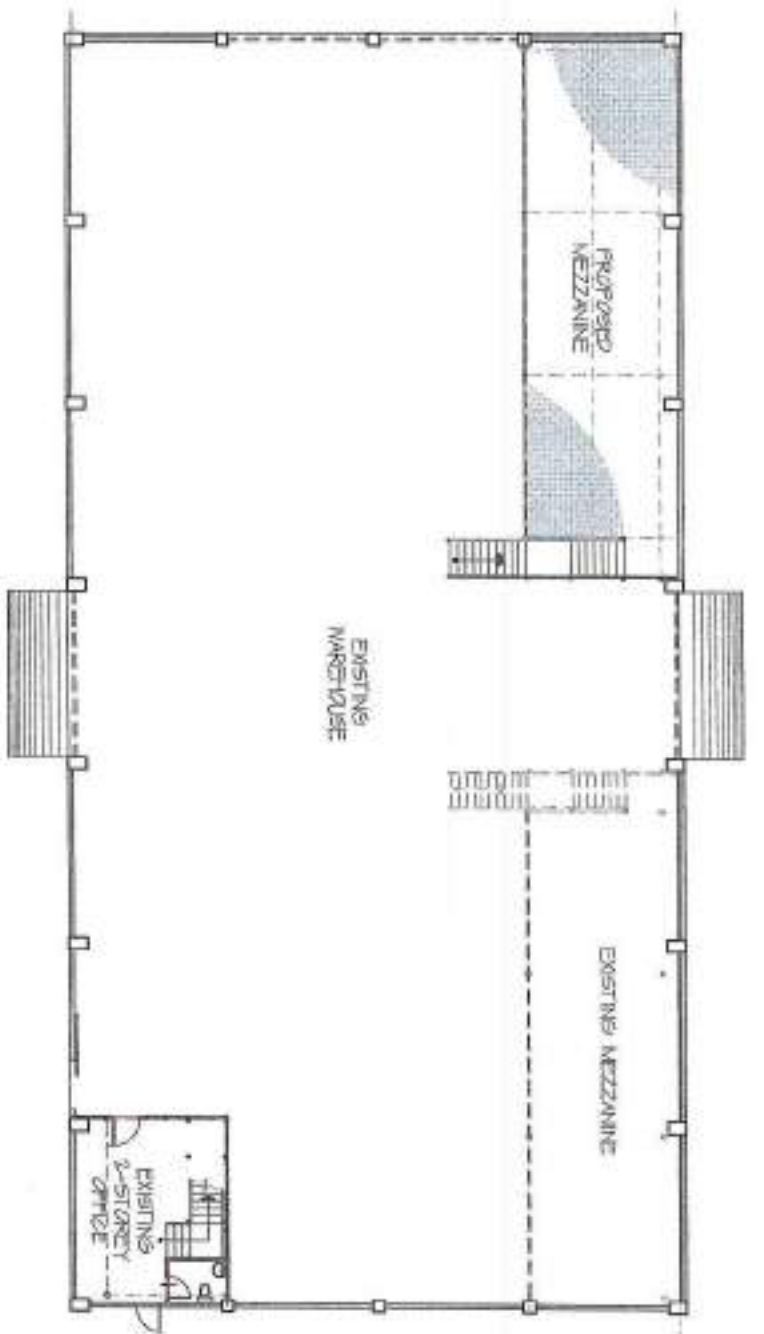


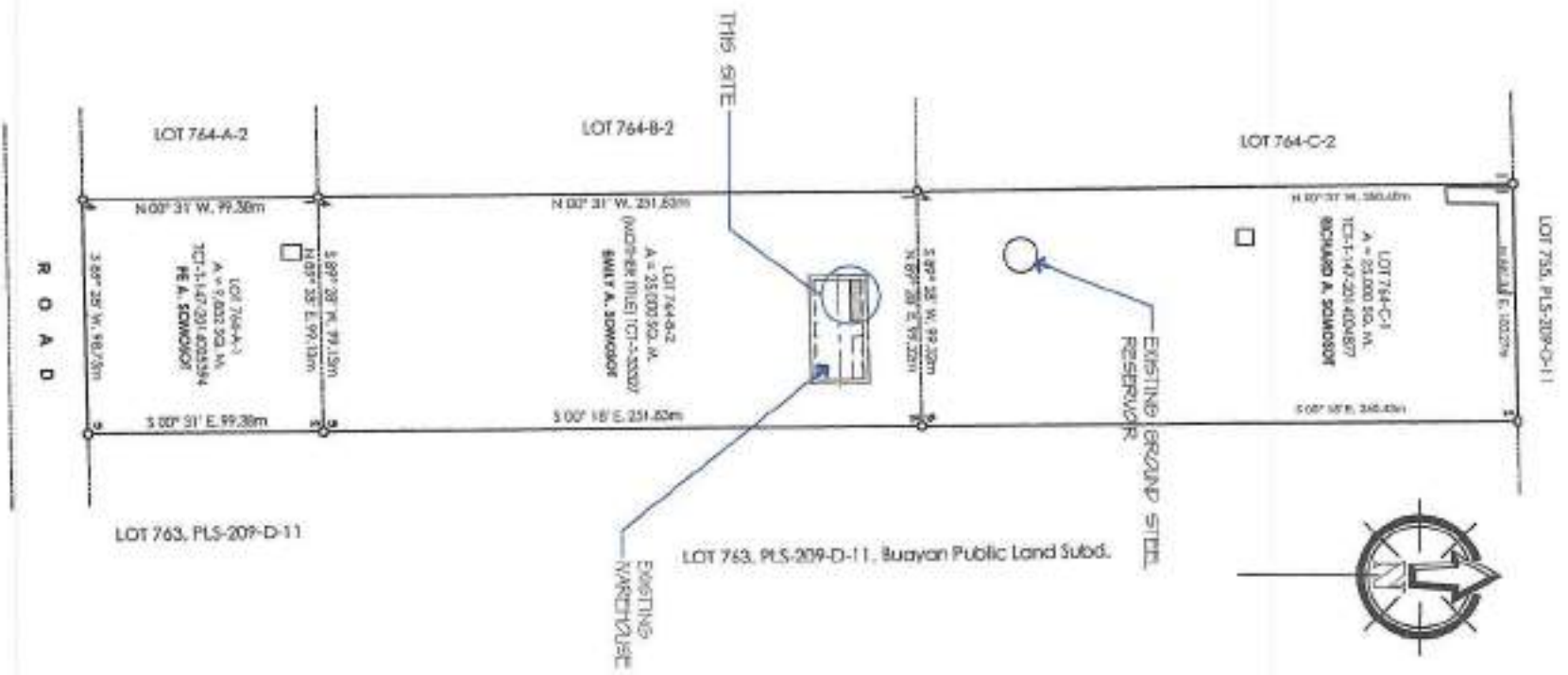
OFFICE OF THE BUILDING OFFICIAL



01 SITE DEVELOPMENT PLAN
D-01 SCALE: 1:250 M



02 LOCATION MAP
B-01 SCALE: 1:500 M



03 LOCATION PLAN
B-01 SCALE: 1:5000 M

ELECTRONICS	SHEET NO.	01	09
MECHANICAL			
ELECTRICAL			
SANITARY			
STRUCTURAL			
ARCHITECTURAL			
LINE AND GRADE			
LAND USE & ZONING			

GENERAL SANTOS CITY WATER DISTRICT
E. BERNARDO STREET, 3RD FLOOR, GEN. SANTOS CITY
ENGINEERING & CONSTRUCTION DEPARTMENT
PLANNING AND DESIGN DIVISION
TEL. NO. (833) 522-3834

DANLO N. BELADOR, JR.
CIVIL ENGINEER
REG. NO. 01107545
DATE: _____

PROJECT AND LOCATION
PROPOSED CONSTRUCTION
OF WAREHOUSE MEZZANINE
LOT 764-B-2, NJIPOL, CONEL, GSC

REVIEWED:
ENGR. MARILYN CHIA N. DANDAN
OIC - PDD

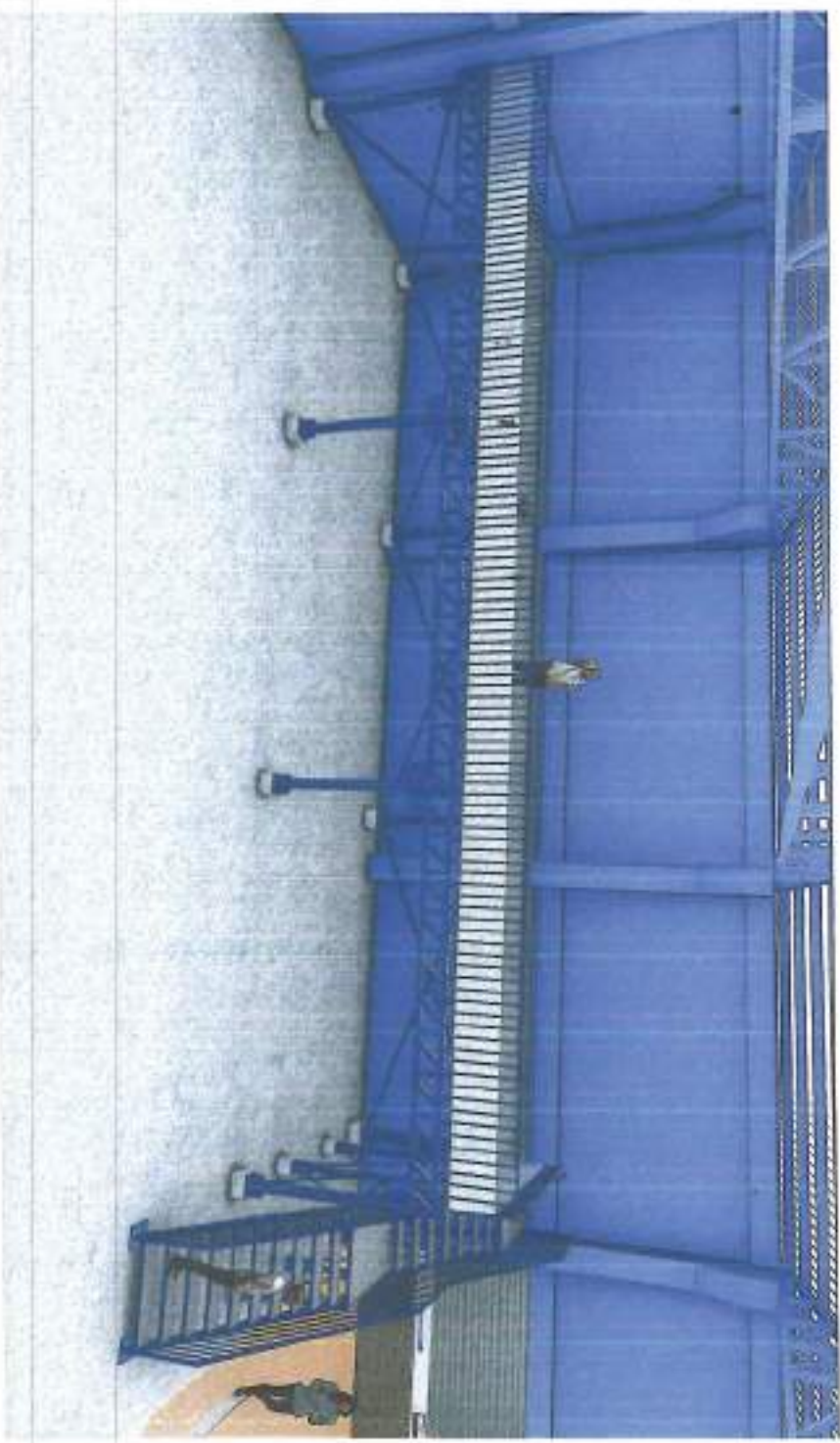
RECOMMEND APPROVAL:
ENGR. ROGELIO A. BERNARDO, JR.
AGM, OIS

APPROVED:
FRANCISCO ALONSO J. CUA, CEE
ACTING GENERAL MANAGER


AS SHOWN

DRAWN BY: _____
CHECKED BY: _____
DATE: Sept 1 2024

SHEET NO. **01** OF **09**



01
B-02
PERPECTIVES...

 <p>GENERAL SANTOS CITY WATER DISTRICT E. BERNARDO STREET, 9877, LAJETA, GEN. SANTOS CITY ENGINEERING & CONSTRUCTION DIVISION PL. ALABES, 9801, GEN. SANTOS CITY TEL. NO. (980) 821 - 3281</p>		<p>DANILO M. SERRADOR, JR. ENGINEER</p> <p>REC. NO. 0107545 TRN. NO. 291-941-997 DATE:</p>		<p>PROJECT AND LOCATION: PROPOSED CONSTRUCTION OF WAREHOUSE PERZAYANE LOT 764-8-2, NUPOL CONEL, G5C</p>		<p>REVIEWED: ENGR. MARYA CELIA N. DAVIDAN OIC - PDD</p>		<p>RECOMMENDED APPROVAL: ENGR. MARCELO A. BERAÑA, JR. PAGM, OTS</p>		<p>APPROVED: FRANCISCO M. ALDION, JR., CPA, CSE PRESIDENT & GENERAL MANAGER ACTING GENERAL MANAGER</p>		<p>SHEET CONTENTS AS SHOWN</p>		<p>SHEET NO. B-02</p>	
												<p>DRAWN BY: [Signature] REV. NO. CHECKED BY: [Signature] DATE: Sep 1 2024</p>		<p>02 09</p>	

DANILO M. [Signature]
 CIVIL ENGINEER
 REG. NO. 0107545
 TEL. NO. 291-941-997

PROJECT AND LOCATION
 PROPOSED CONSTRUCTION
 OF WAREHOUSE MEZZANINE
 LOT 764-B-2, NUPOL CONEL, GSC

REVIEWED:
 ENGR. MARIL CELLA N. DAUDAN
 OIC - PDD

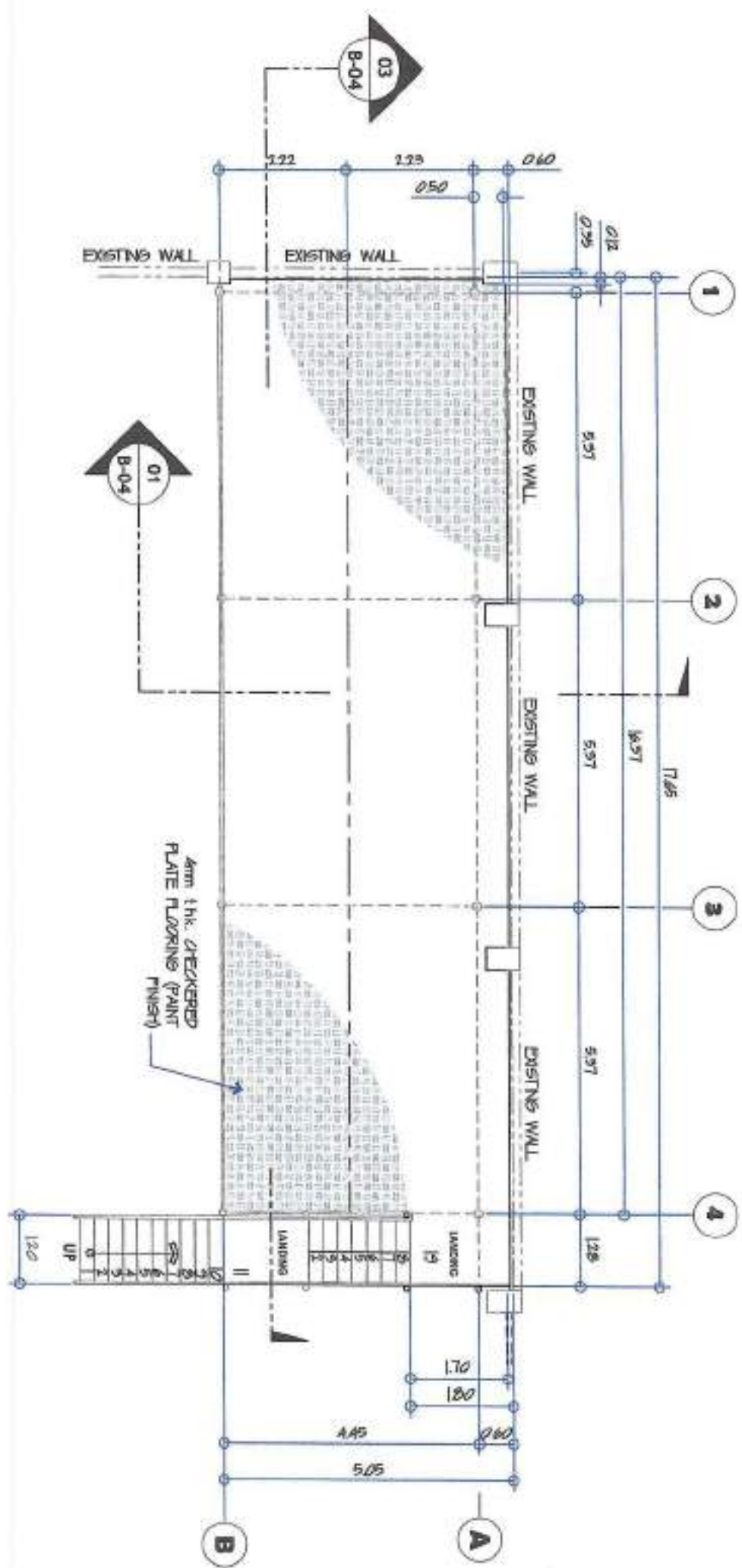
RECOMMEND APPROVAL:
 ENGR. VENDELLO A. SERRANO, JR.
 AGM, OTS

APPROVED:
 FRANCISCO ALDOP, JR., OIA
 ENGINEER & GENERAL MANAGER

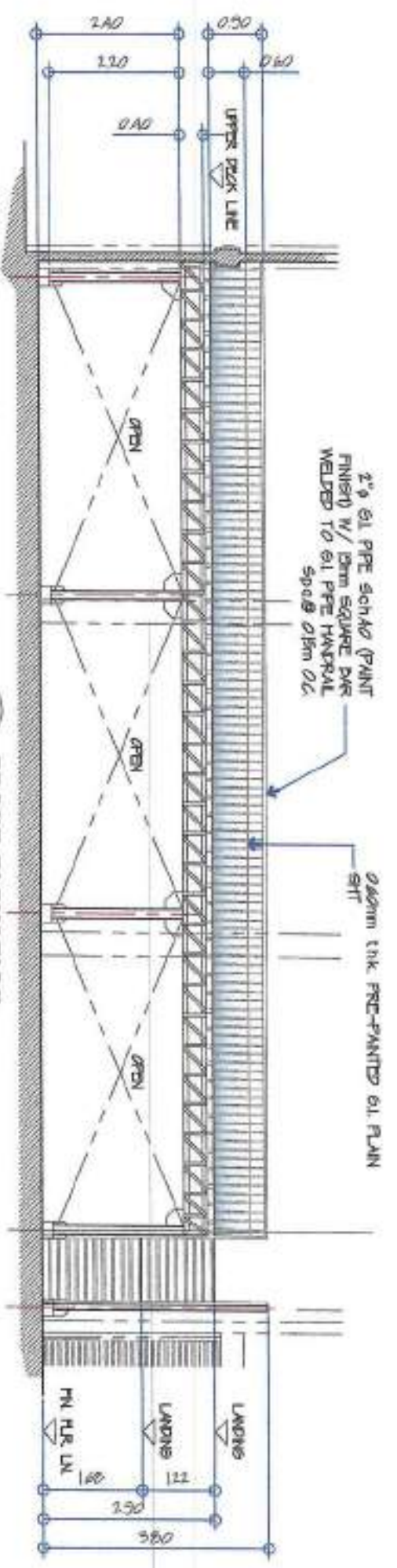
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 AS SHOWN
 DRAWN BY: [Signature]
 DATE: Sept 2024

SHEET NO.
 B-03
 03 09

01 FLOOR PLAN
 SCALE: 1:100 M



02 FRONT ELEVATION
 SCALE: 1:100 M



DANILO M. SERRADOR, JR.
 CIVIL ENGINEER
 REG. NO. 0107545 TR. NO. 291-941-997
 DATE:

PROJECT AND LOCATION:
PROPOSED CONSTRUCTION OF SHARHOUSE MEZZANINE
 LOT 764-B-2, NUPOL, COMEL, GSC

REVIEWED:
 ENGR. MARIAN CELIA N. DANDAN
 OIC - PDD

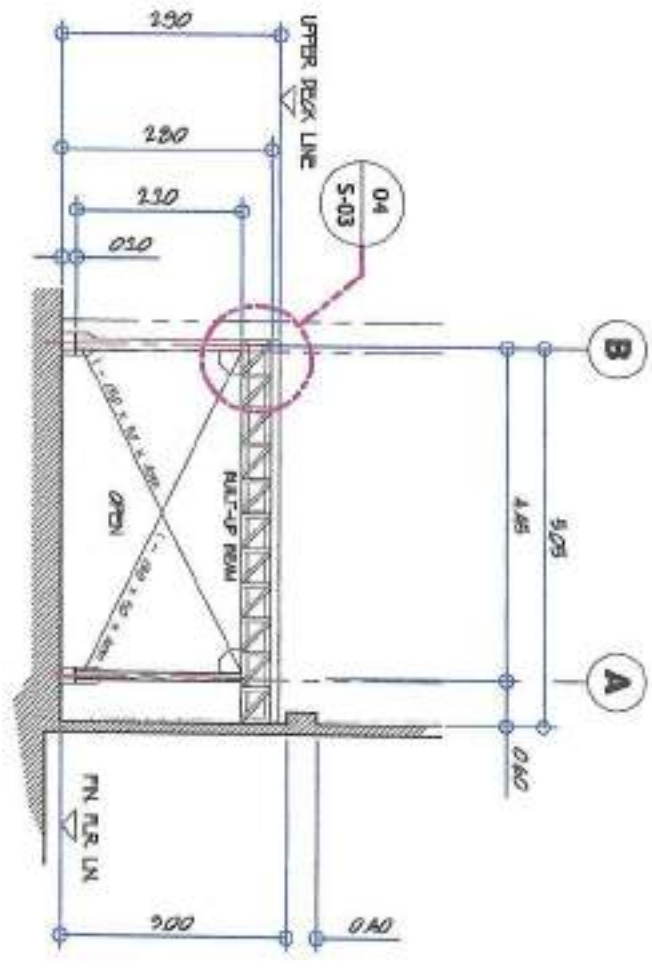
RECOMMENDED APPROVAL:
 ENGR. JOSELO A. BEAUNA, JR.
 MGR. OTS

APPROVED:
 FRANCISCO R. ALONSO, JR., OIC, CESE
 ACTING GENERAL MANAGER

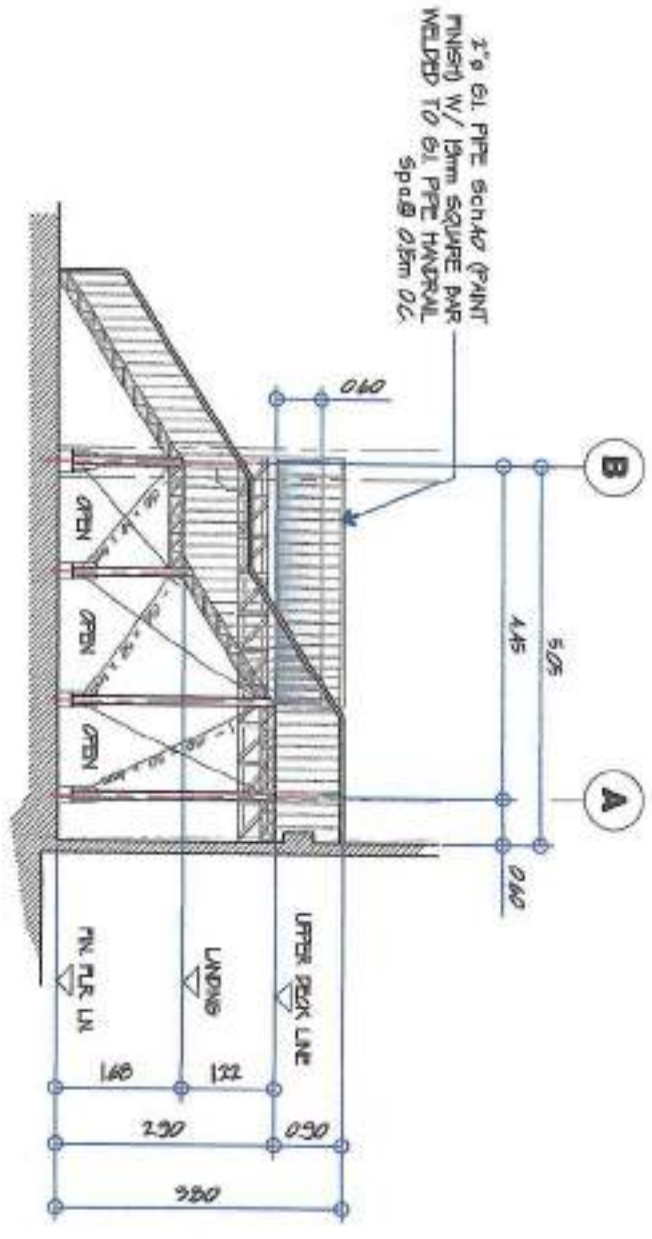
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 REV. NO. [Blank]
 DATE: Sep 1, 2024

SHEET NO. **B-04** OF **09**

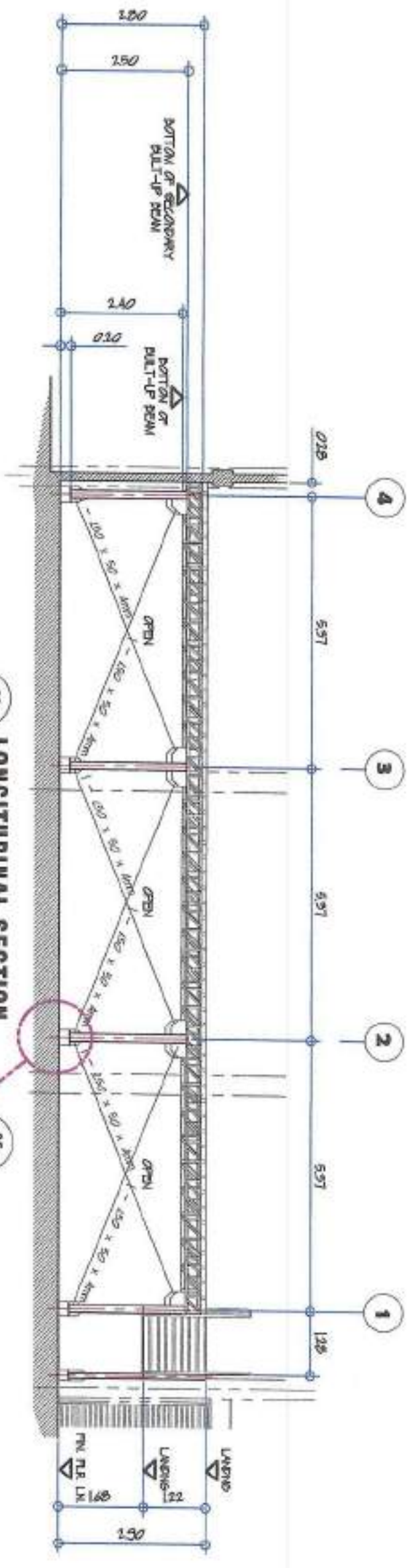
01 CROSS SECTION
 SCALE: 1:100 M



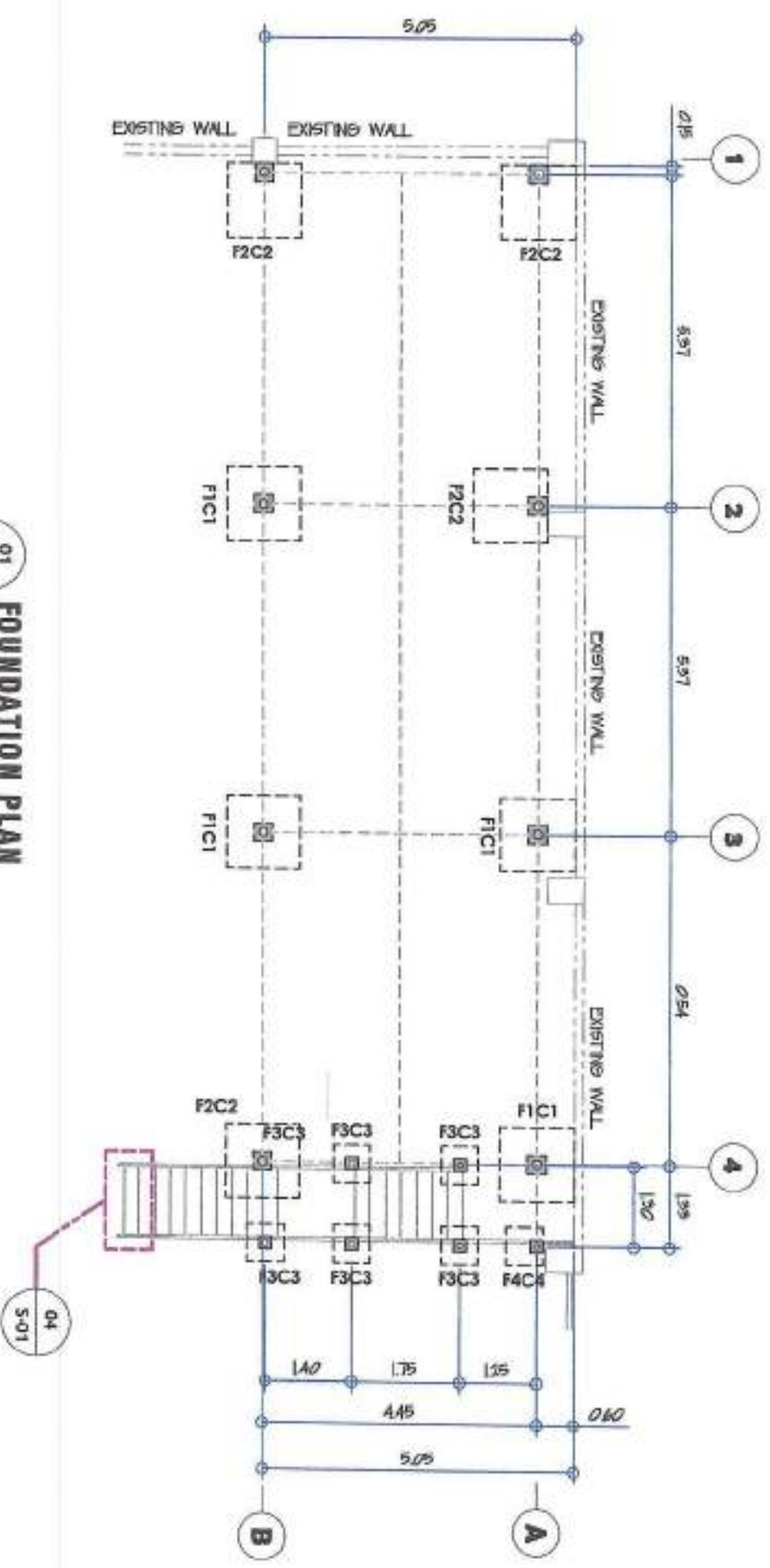
02 RIGHT SIDE ELEVATION
 SCALE: 1:100 M



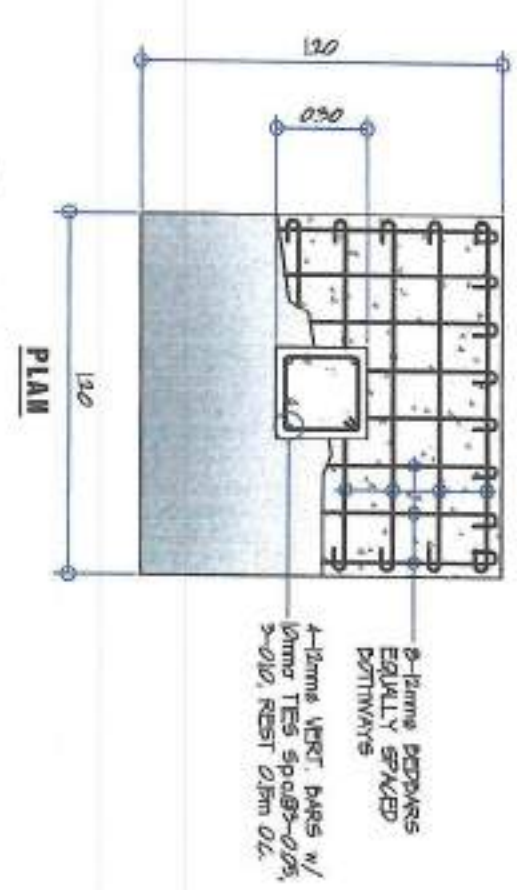
03 LONGITUDINAL SECTION
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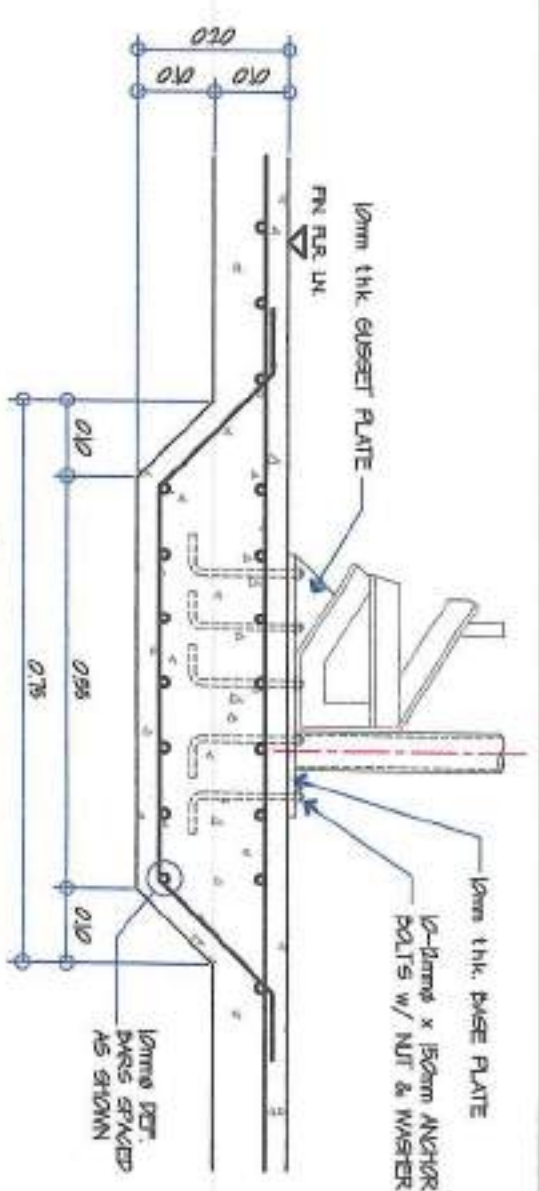
01 FOUNDATION PLAN
 SCALE: 1:100 M



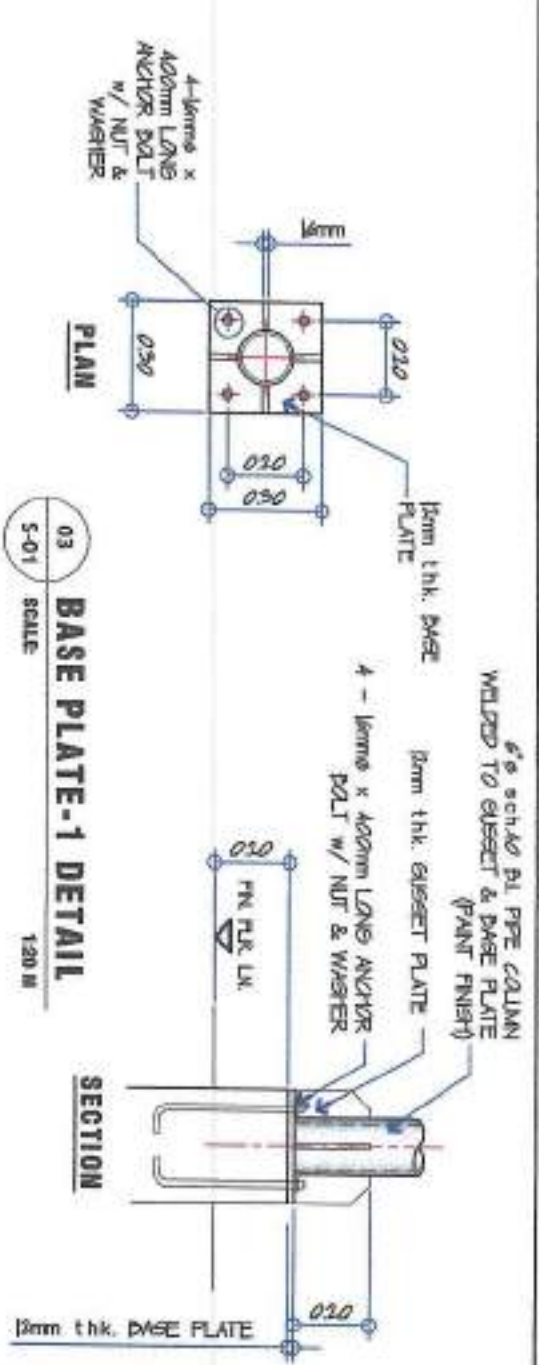
02 F1C1 DETAIL PLAN
 SCALE: 1:25 M



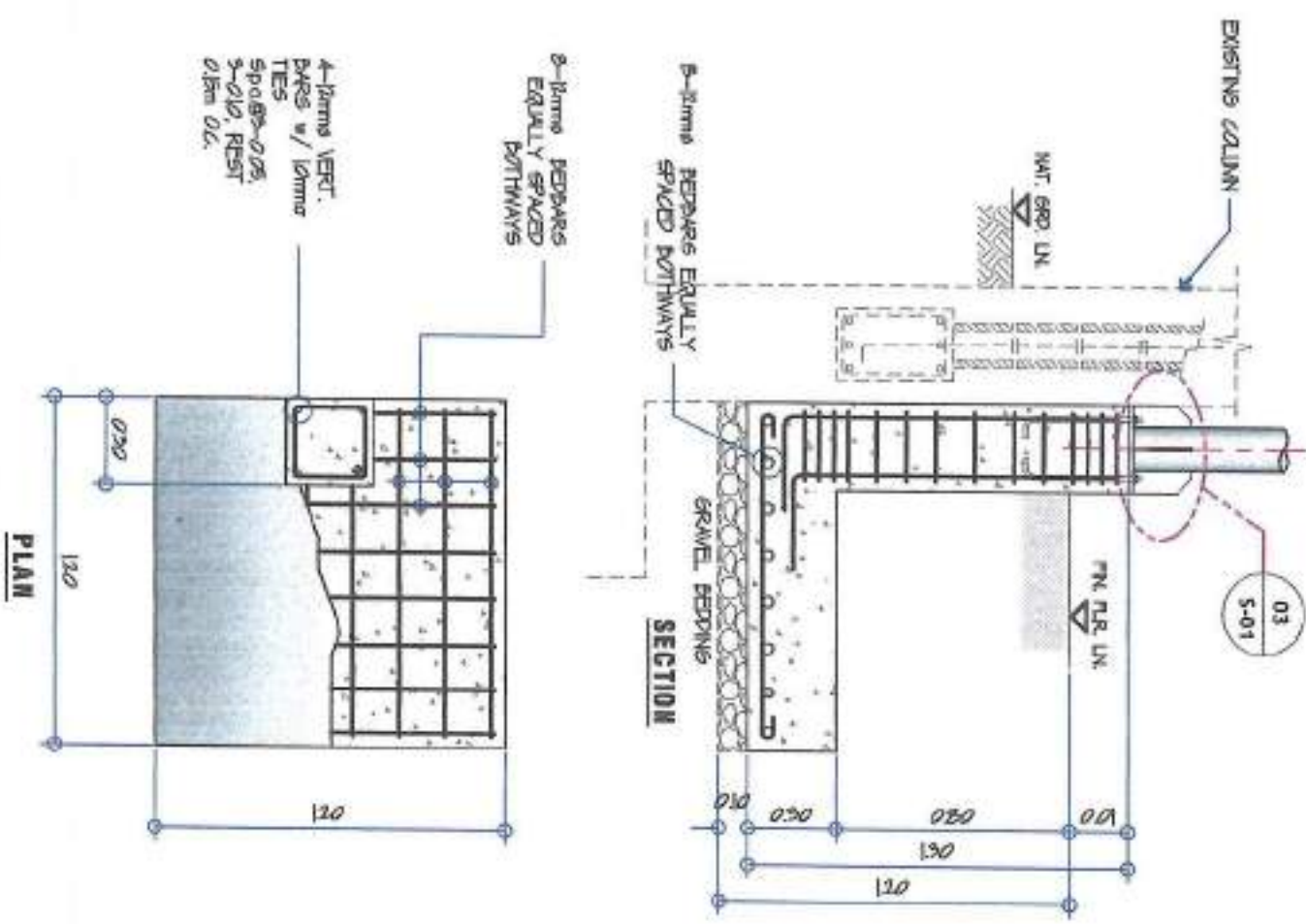
04 DETAIL
 SCALE: 1:100 M



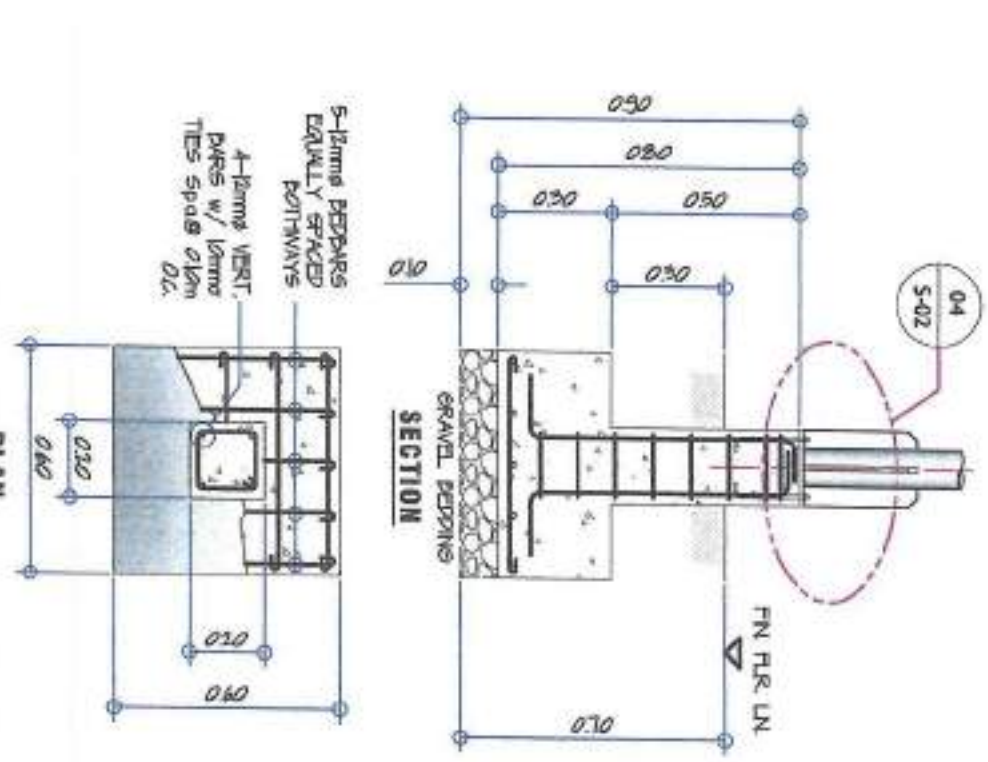
03 BASE PLATE-1 DETAIL
 SCALE: 1:20 M



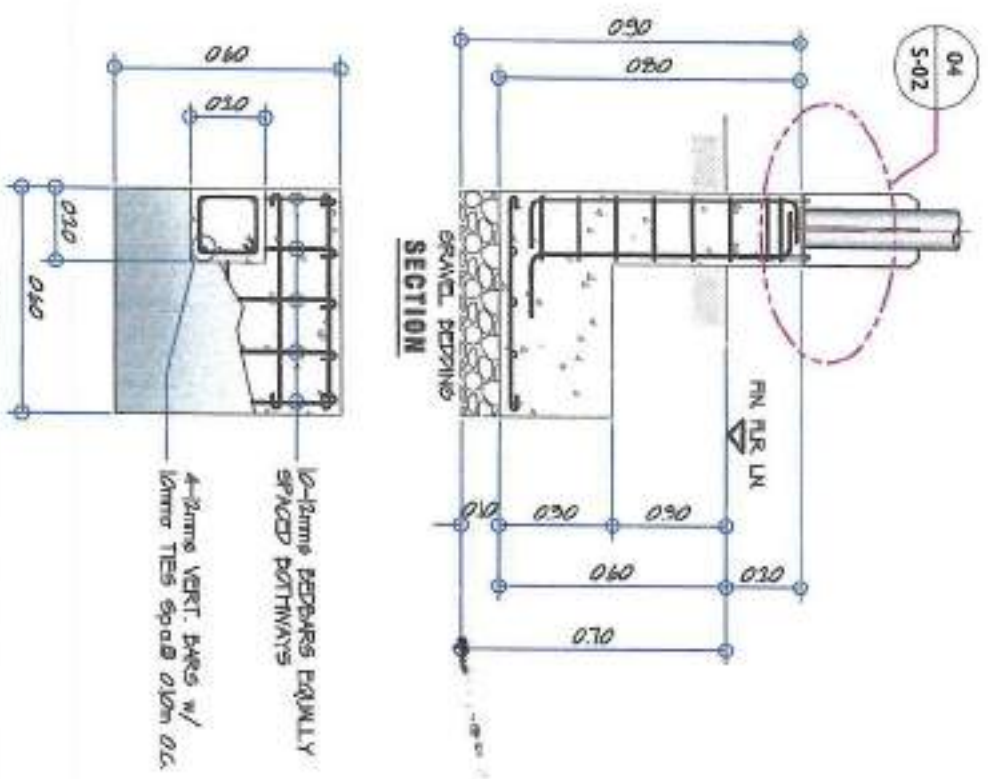
01 F2C2 DETAIL PLAN
 SCALE: 1:25 M



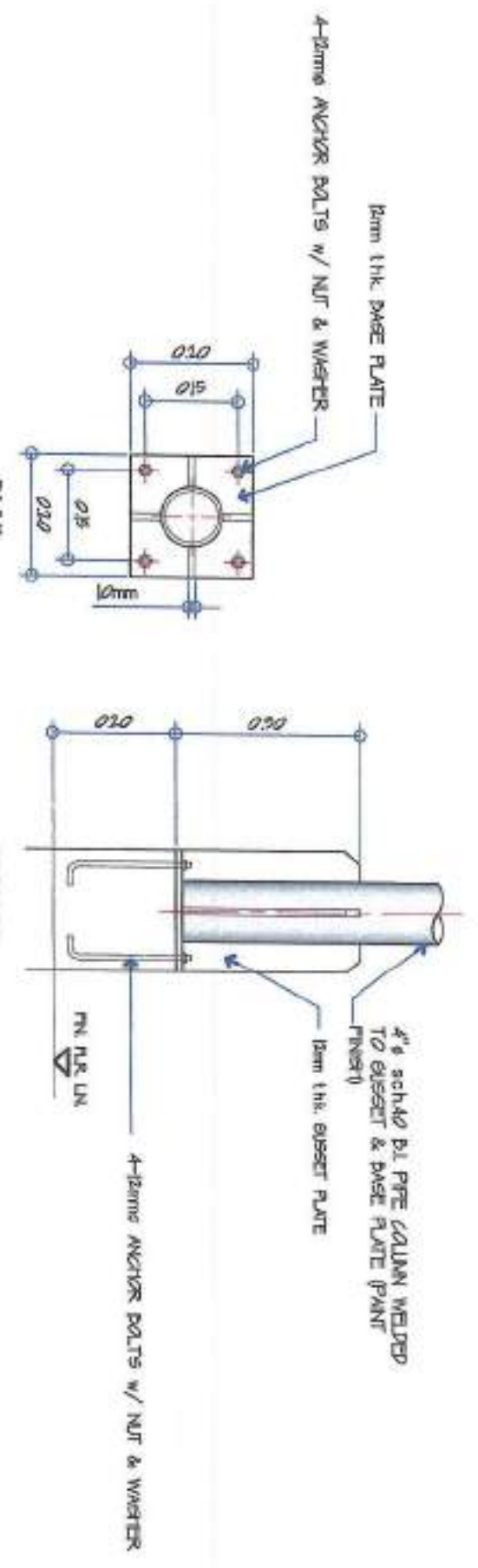
02 F3C3 DETAIL PLAN
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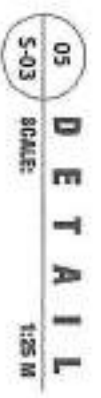
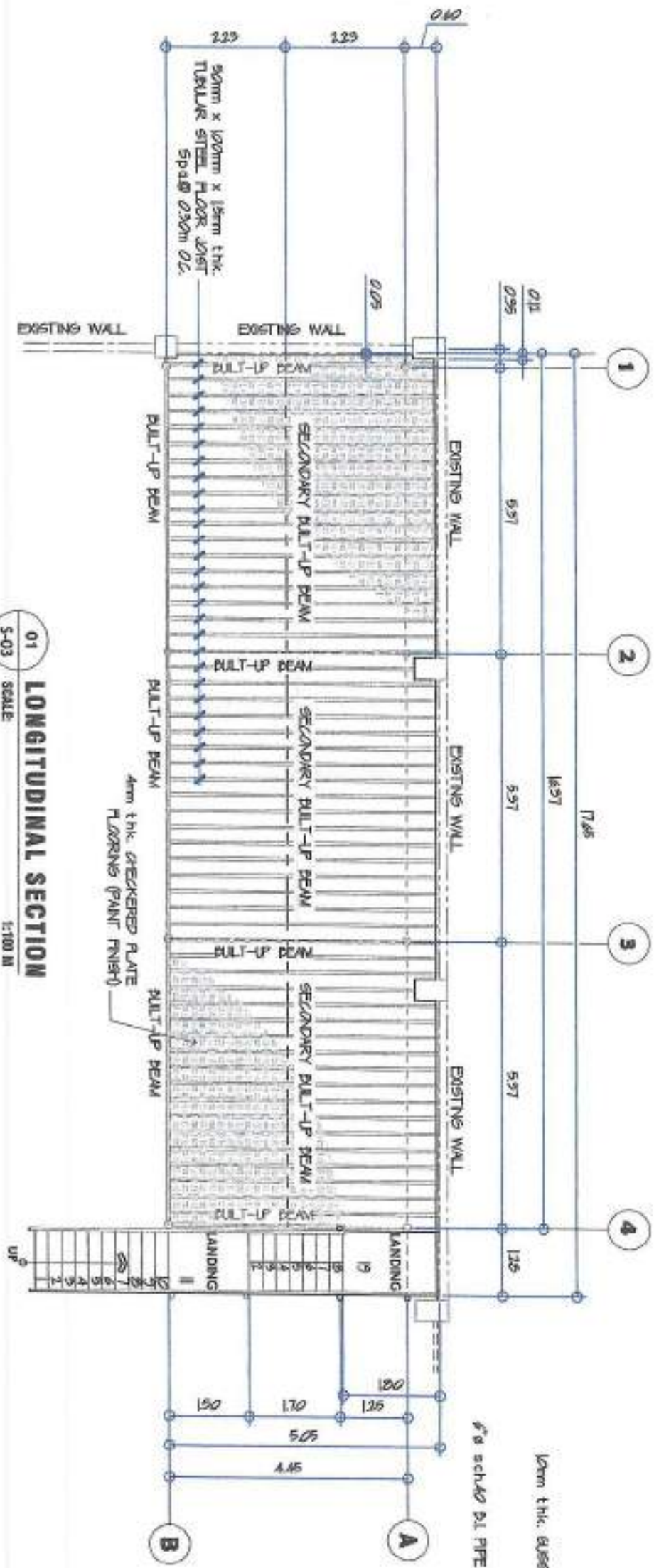
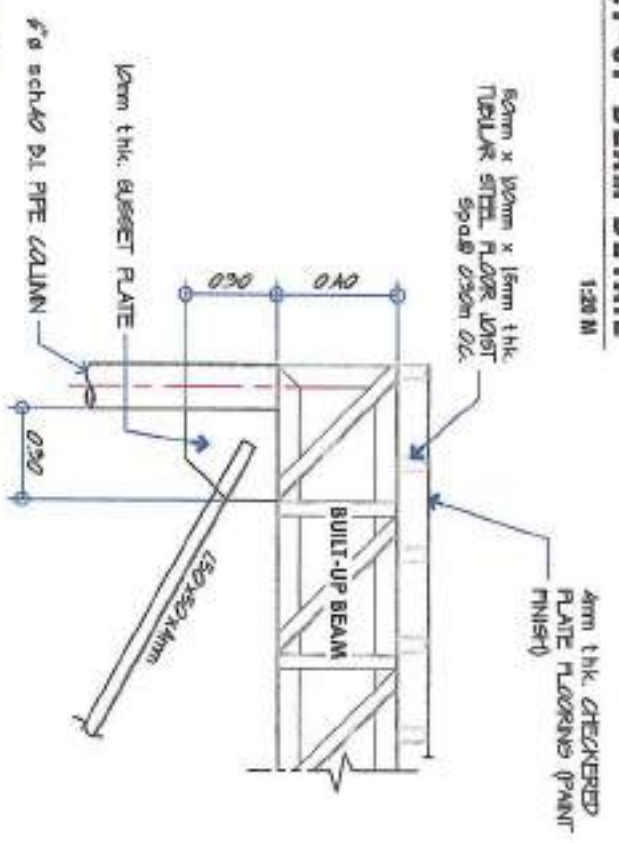
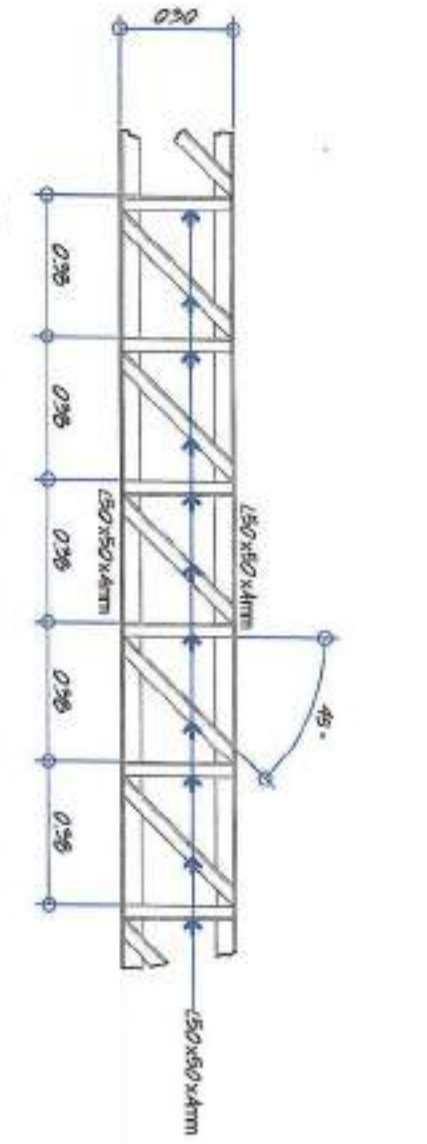
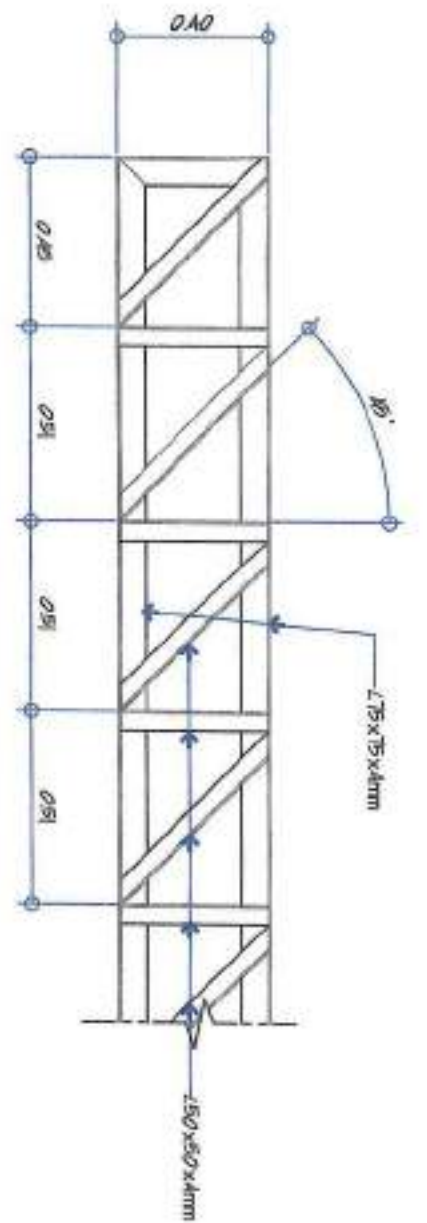


03 F4C4 DETAIL PLAN
 SCALE: 1:20 M

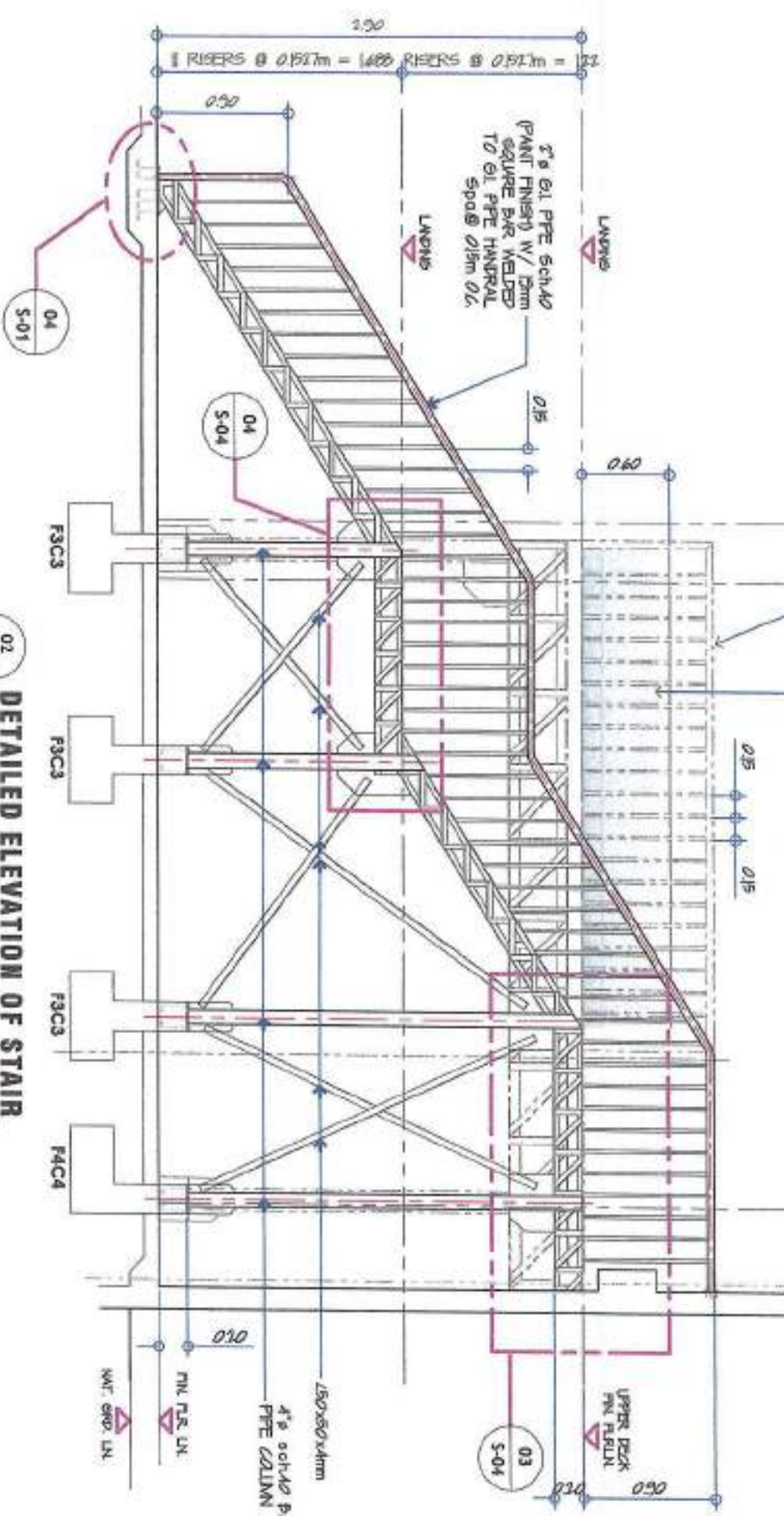


04 BASE PLATE-2 DETAIL
 SCALE: 1:10 M

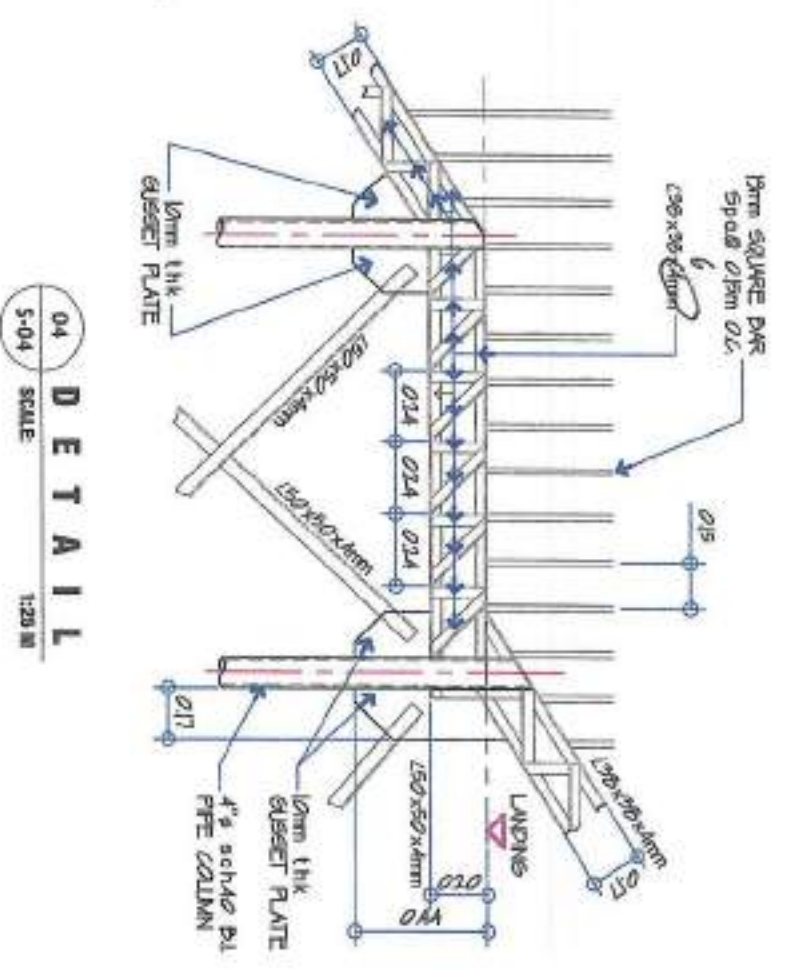




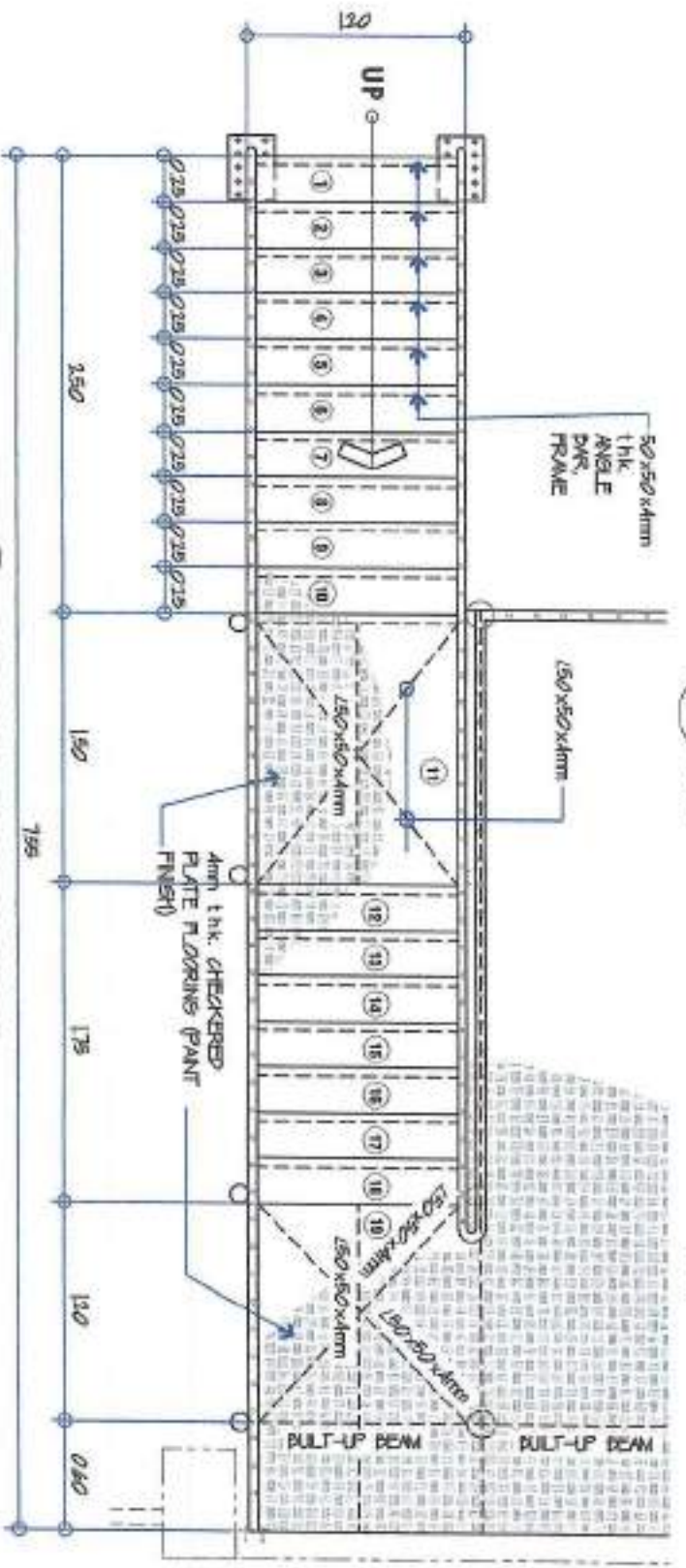
2" Ø GI PIPE SCH40 (PAINT FINISH) W/ 10mm SQUARE BAR WELDED TO GI PIPE HORIZONTAL Spac 015m O.C.



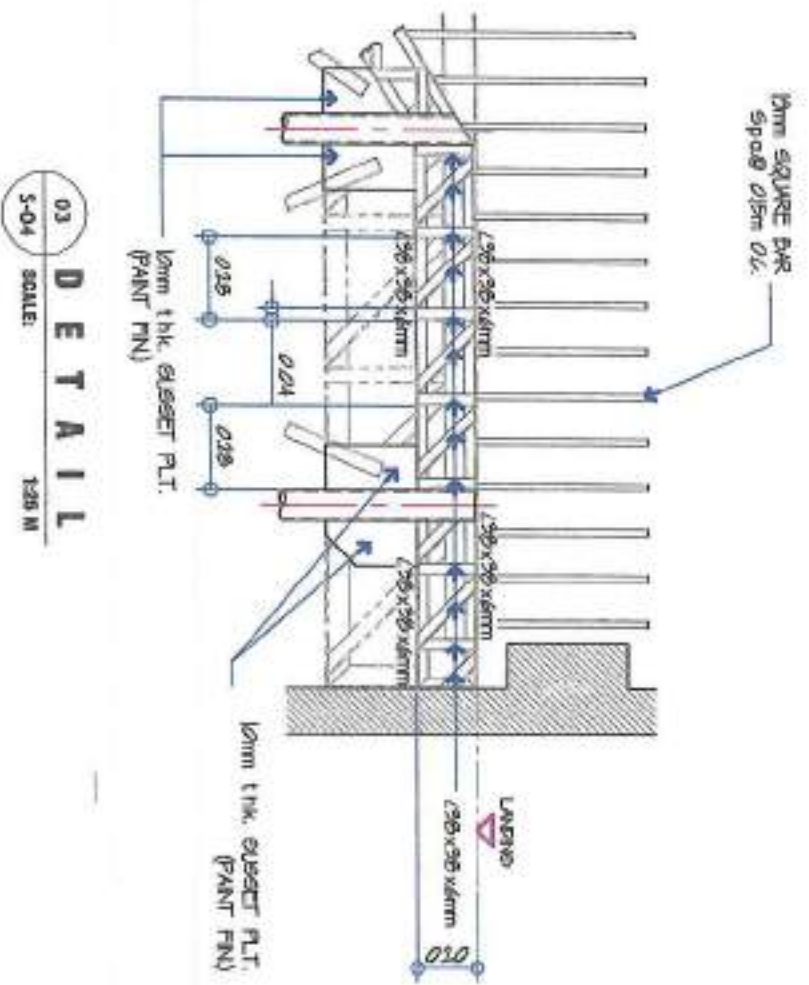
02 DETAILED ELEVATION OF STAIR
SCALE: 1:40 M



04 DETAILED ELEVATION OF STAIR
SCALE: 1:20 M



01 DETAILED PLAN OF STAIR
SCALE: 1:40 M



03 DETAILED ELEVATION OF STAIR
SCALE: 1:20 M

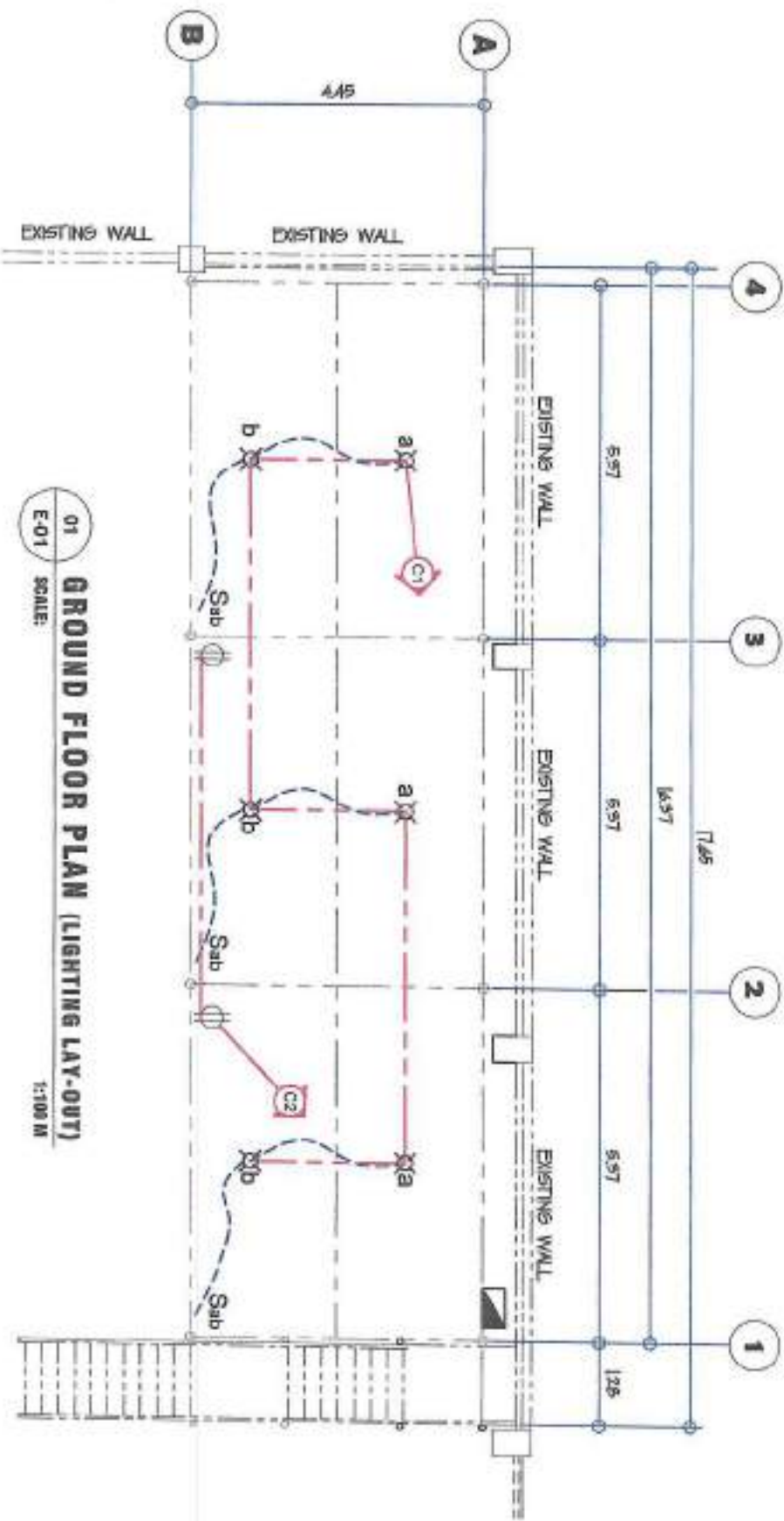
GENERAL NOTES:

1. ALL ELECTRICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE EXISTING APPLICABLE ORDINANCES, RULES AND REGULATIONS OF THE LOCAL GOVERNMENT AND WITH THE REQUIREMENTS OF THE LOCAL POWER COMPANY.
2. THE TYPE OF SERVICE POWER SUPPLY TO BE USED SHALL BE SINGLE-PHASE, 2-WIRE, 230V, 60 HERTZ, A.C.
3. THE CONTRACTOR SHALL VERIFY AND ORIENT THE ACTUAL LOCATION OF SERVICE ENTRANCE FOR CONNECTION TO THE POWER COMPANY SERVICE POINT.
4. UNLESS OTHERWISE SPECIFIED, THE MINIMUM SIZES OF WIRE AND GALVANIZED RIGID STEEL CONDUIT TO BE USED SHALL BE 3.5mm² THIN AND 19mm NOMINAL DIAMETER, RESPECTIVELY. LIKEWISE ALL ELECTRICAL WIRES SHALL BE COLOR-CODED.
5. ALL LIGHTING CIRCUIT HOME RUNS AND CONVENIENCE OUTLETS SHALL BE WIRED WITH NOT LESS THAN 3.5 mm² IN SIZE.
6. WHEREVER REQUIRED AND NECESSARY, PULL OR JUNCTION BOXES SHALL BE INSTALLED AT CONVENIENT AND INCONSPICUOUS LOCATION, ALTHOUGH SUCH BOXES ARE NOT SHOWN ON THE PLAN NOR MENTIONED IN THE SPECIFICATIONS.
7. ALL NON-CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE.
8. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND OF THE APPROVED TYPE FOR LOCATION AND PURPOSE.
9. STANDARD TYPE OF ACCESSORIES, SPLICING DEVICES, TERMINATIONS AND OTHER APPURTENANCES FOR THE ENTIRE ELECTRICAL INSTALLATION SHALL BE USED.
10. ALL WALL OUTLETS SHALL BE INSTALLED AT THE FOLLOWING HEIGHTS ABOVE THE FINISHED FLOOR LEVEL, UNLESS NOTED IN THE PLAN.
 - a) WALL SWITCHES @ 1300mm
 - b) WALL CONVENIENCE OUTLETS @ 300 mm
11. ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.

SCHEDULE OF LOADS:

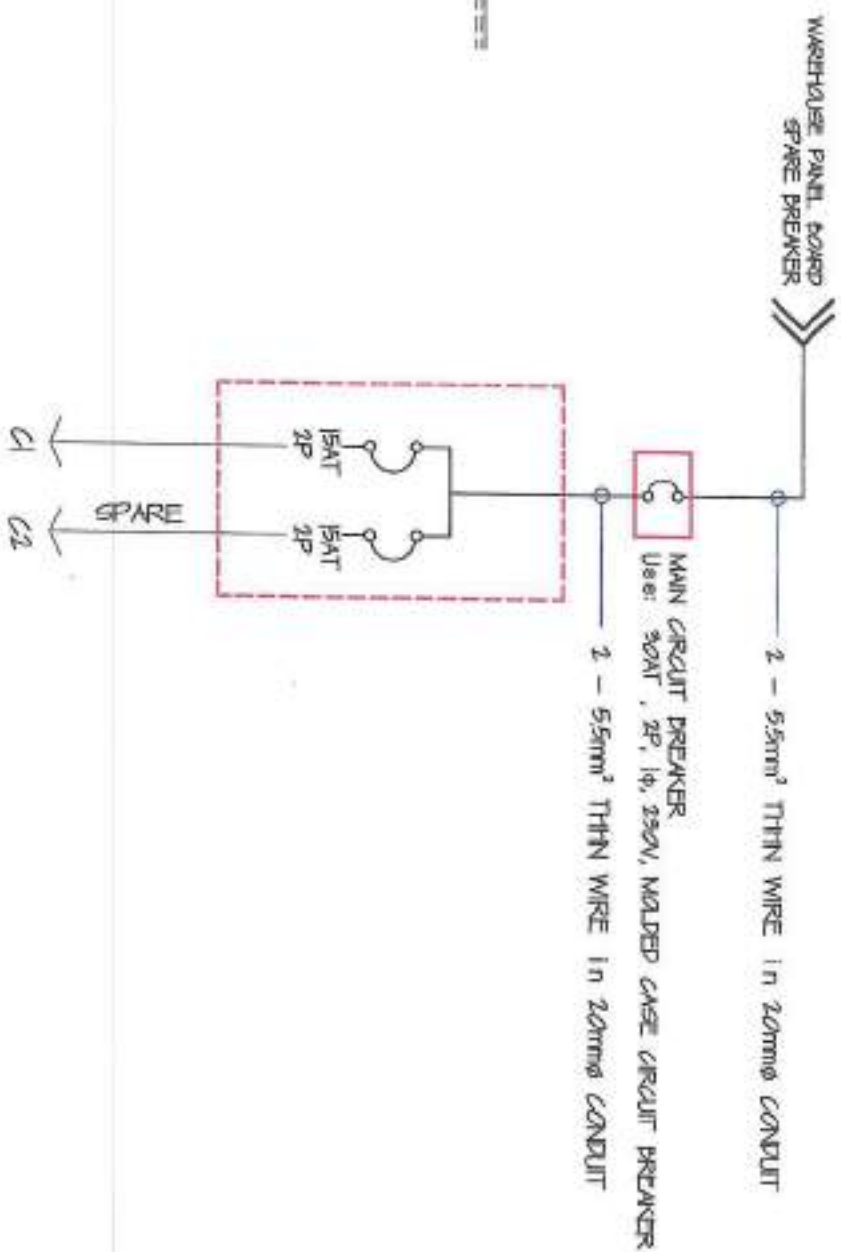
PLANE:	UP	VOLTAGE	NO. OF OUTLET	WATTS	PHASE	VOLTS	AMPERE	CS RATING	WIRE SIZE AND CONDUIT
FIELD:	TOP	PHASE							
LOADING:	SURFACE	WIRE							
1	LIGHT OUTLET	1	6	600	1	230	2.6	5 AT	1 - 15mm ² THIN (1-12mm ² TWISTED) IN 20mm CONDUIT
2	CONVENIENCE OUTLET	1	1	360	1	230	1.57	10 AT	2 - 55mm ² THIN (1-12mm ² TWISTED) IN 20mm CONDUIT
TOTAL			7	960					

COMPUTATION: @ 80% DEMAND FACTOR
 Demand load = $\frac{960}{230} \times 0.8 = 3.34 \text{ A}$ $kVA = \frac{960}{1000} = 0.96 \text{ kVA}$



MOUNTING HEIGHTS:

- CONVENIENCE OUTLETS : 300mm FROM BOTTOM OF OUTLET TO FINISH FLOOR LEVEL.
- WALL SWITCHES : 1370mm FROM BOTTOM OF SWITCH TO FINISH FLOOR LEVEL.
- PANEL BOARD : 1350mm FROM TOP OF PANEL TO FINISH FLOOR LEVEL.
- NELOWATT HOUR METER : 1300mm FROM CENTER OF DEVICES TO FINISH GRADE LEVEL.



GENERAL SANTOS CITY WATER DISTRICT
 E. REARER STREET, 85th, LEGASPI GENERAL SANTOS CITY
 PLANNING AND DESIGN DIVISION
 TEL. NO. (958) 802-1828

DANILLO M. TORILADOR, JR.
 CIVIL ENGINEER
 REG. NO. 0107545 TEL. NO. 291-941-997

PROJECT AND LOCATION:
PROPOSED CONSTRUCTION OF WAREHOUSE MEZZANINE
 LOT 764-B-2, NUPOL CONEL, GSC

REVIEWED:
 ENGR. MARINA CRUZ N. DANDAN
 OIC - PDD

RECOMMEND APPROVAL:
 ENGR. FRANCISCO A. BRAVAL, JR.
 ASGM, OTS

APPROVED:
 FRANCISCO R. ALONDO, JR., CPA, CSE
 REGISTERED PROFESSIONAL ENGINEER
 ACTING GENERAL MANAGER

SHEET CONTENTS:
 AS SHOWN

DATE: Sep 3 2024

SHEET NO. **E-01**

09 09