

Section VII. Drawings

Nr	Description	ABC (PhP)	Page
1	Construction of Three (3) Units 2-Storey Guard Post for 155mm SP Howitzer Facilities at HAAR, PA	461,908.00	1-10
2	Construction of One (1) Unit Guard House for 155mm SP Howitzer Facilities at HAAR, PA	856,673.00	11-23
3	Construction of One (1) Unit Communication Facility for 155mm SP Howitzer Facilities at HAAR, PA	4,202,067.00	24-41
4	Construction of One (1) Unit EP Barracks (60 caps) for 155mm SP Howitzer Facilities at HAAR, PA	11,754,217.88	42-63
5	Construction of One (1) Unit Female Barracks for 155mm SP Howitzer Facilities at HAAR, PA	7,213,937.00	64-84
6	Construction of One (1) Unit Officer Mess Hall for 155mm SP Howitzer Facilities at HAAR, PA	8,332,779.00	85-105
7	Construction of One (1) Unit Ex-O Quarters for 155mm SP Howitzer Facilities at HAAR, PA	4,185,346.00	106-122
8	Construction of One (1) Unit Commander's Quarter for 155mm SP Howitzer Facilities at HAAR, PA	6,058,821.00	123-143
	Total ABC (PhP)	43,065,748.68	

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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

	1 PERSPECTIVE A-1 NOT TO SCALE		2 VICINITY MAP A-1 NOT TO SCALE		3 LOCATION MAP A-1 SCALE 1:500 METERS		4 SITE LOCATION PLAN A-1 SCALE 1:500 METERS	<table border="1"> <tr> <td>100mm</td> <td>AS SHOWN</td> <td>SUBMITTED BY</td> <td>CONFORMED BY</td> <td>APPROVED BY</td> <td>SHEET NO.</td> </tr> <tr> <td>100mm</td> <td>AS SHOWN</td> <td>DANILO L. SANDILLAN</td> <td>FRANCIS ANTONIO M. CORONILLAS</td> <td>ROMEO S. SUMANER, JR.</td> <td>A-1</td> </tr> <tr> <td>100mm</td> <td>AS SHOWN</td> <td>100mm</td> <td>100mm</td> <td>100mm</td> <td>100mm</td> </tr> </table>	100mm	AS SHOWN	SUBMITTED BY	CONFORMED BY	APPROVED BY	SHEET NO.	100mm	AS SHOWN	DANILO L. SANDILLAN	FRANCIS ANTONIO M. CORONILLAS	ROMEO S. SUMANER, JR.	A-1	100mm	AS SHOWN	100mm	100mm	100mm	100mm	<table border="1"> <tr> <td colspan="2">CONFORME:</td> </tr> <tr> <td>Name of Company (in print)</td> <td>Date</td> </tr> <tr> <td>Name and Signature of Company Authorized Representative</td> <td></td> </tr> </table>	CONFORME:		Name of Company (in print)	Date	Name and Signature of Company Authorized Representative	
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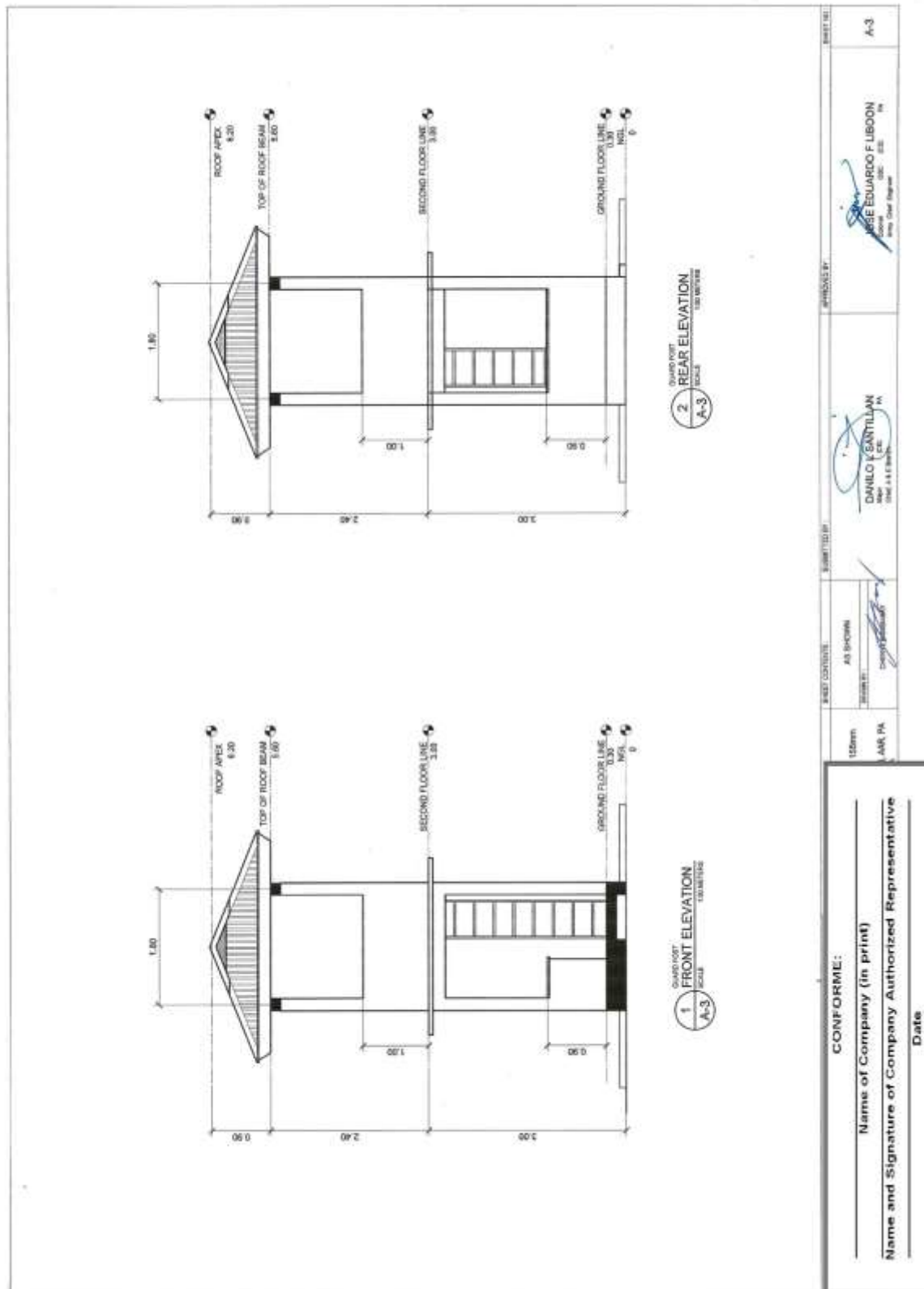
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	<p align="center">3 ROOF PLAN SCALE: 1:10 METERS A-2</p>		<p align="center">2 SECOND FLOOR PLAN SCALE: 1:10 METERS A-2</p>		<p align="center">1 GROUND FLOOR PLAN SCALE: 1:10 METERS A-2</p>	<table border="1"> <tr> <td data-bbox="1252 380 1348 481"> <p align="center">CONFORME: Name of Company (in print) Name and Signature of Company Authorized Representative</p> </td> <td data-bbox="1252 481 1348 571"> <p align="center">Date</p> </td> </tr> <tr> <td data-bbox="1252 571 1348 761"> <p align="center">AS SHOWN</p> </td> <td data-bbox="1252 761 1348 1086"> <p align="center">SUBMITTED BY: DARILLO T. SANTEDAN Civil Engineer Professional No. 006 078 000</p> </td> </tr> <tr> <td data-bbox="1252 1086 1348 1310"> <p align="center">APPROVED BY: JOSE EDUARDO F. LIBON Civil Engineer Professional No. 006 078 000</p> </td> <td data-bbox="1252 1310 1348 1982"> <p align="center">SHEET NO. A-2</p> </td> </tr> </table>	<p align="center">CONFORME: Name of Company (in print) Name and Signature of Company Authorized Representative</p>	<p align="center">Date</p>	<p align="center">AS SHOWN</p>	<p align="center">SUBMITTED BY: DARILLO T. SANTEDAN Civil Engineer Professional No. 006 078 000</p>	<p align="center">APPROVED BY: JOSE EDUARDO F. LIBON Civil Engineer Professional No. 006 078 000</p>	<p align="center">SHEET NO. A-2</p>
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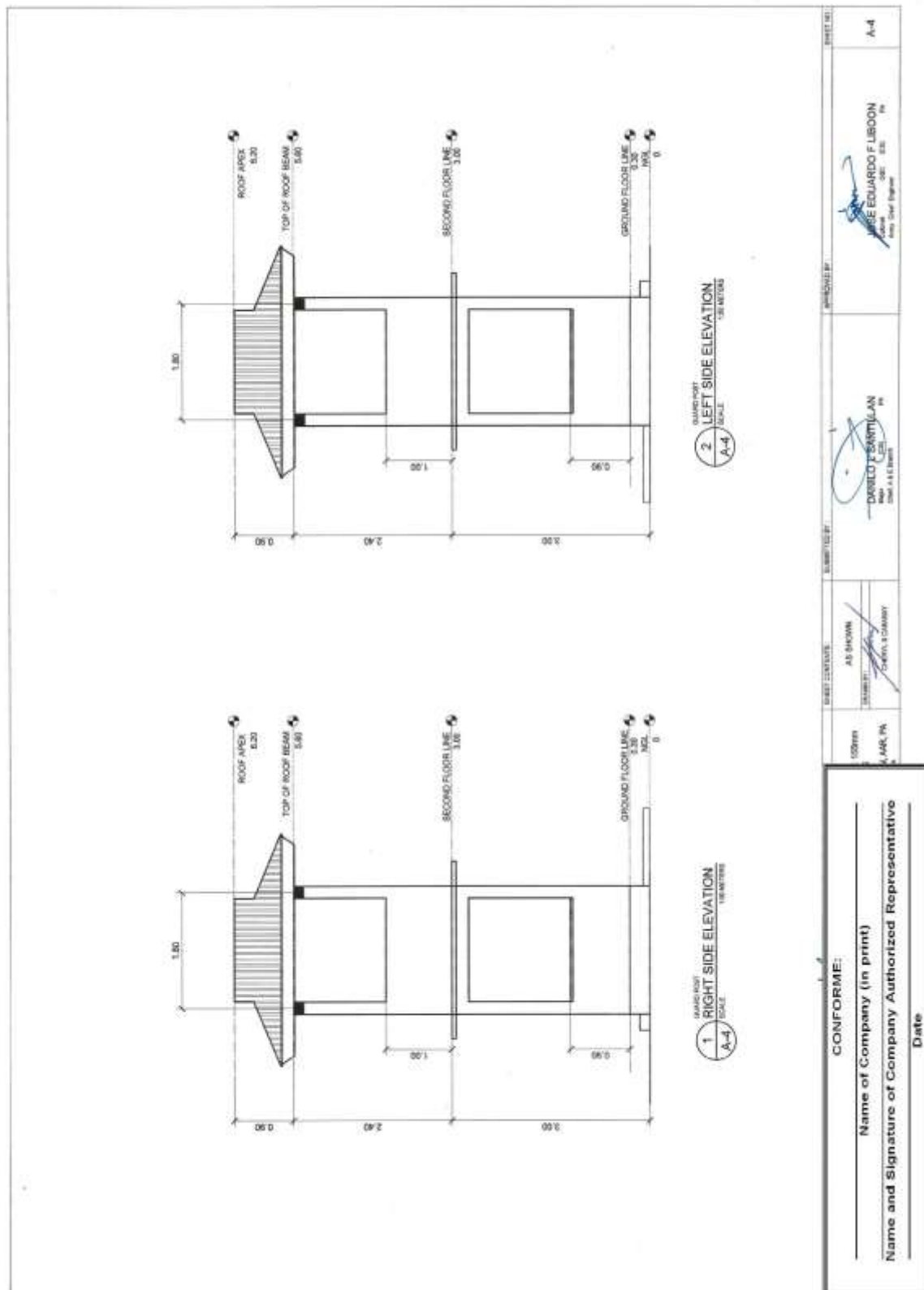
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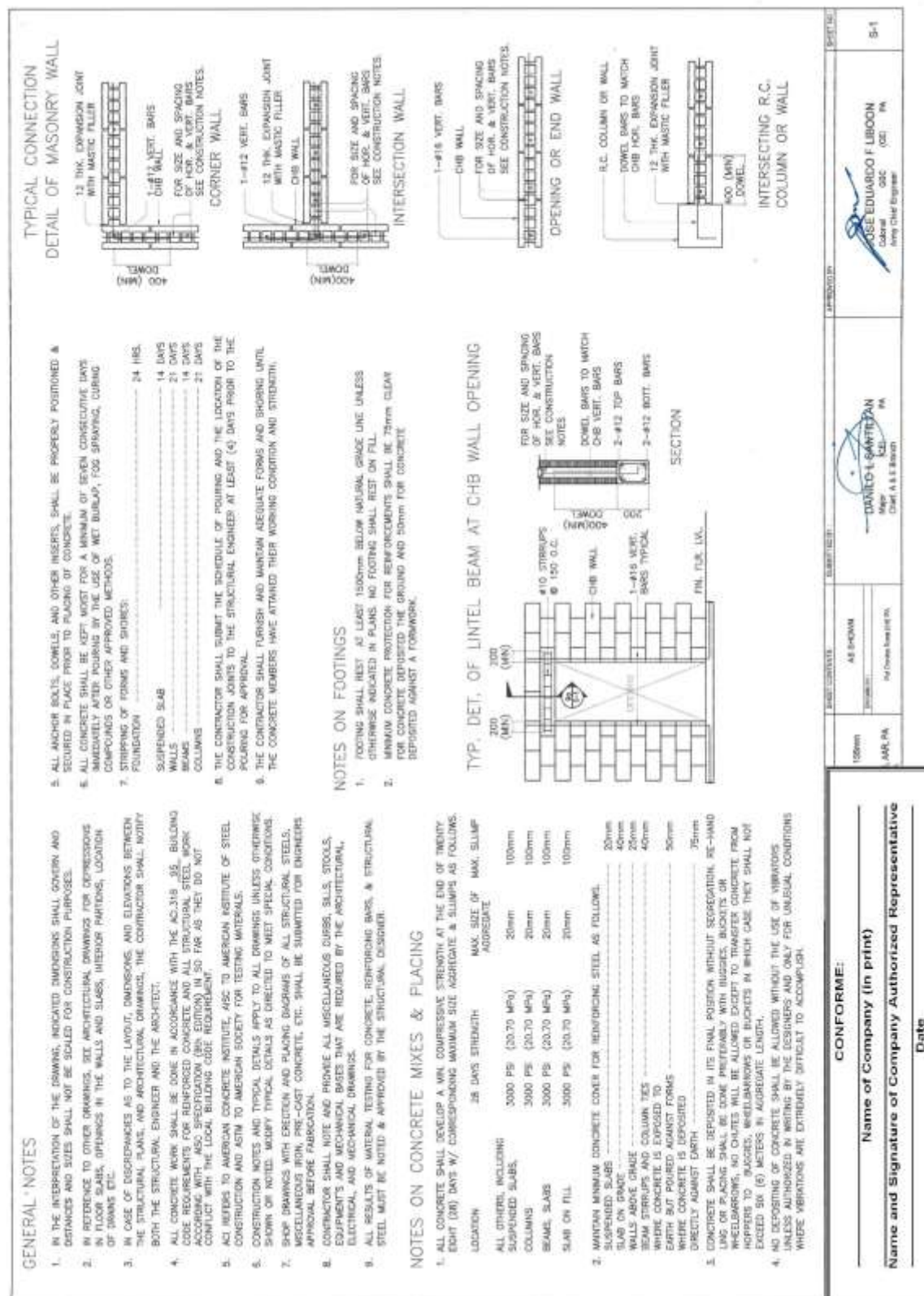
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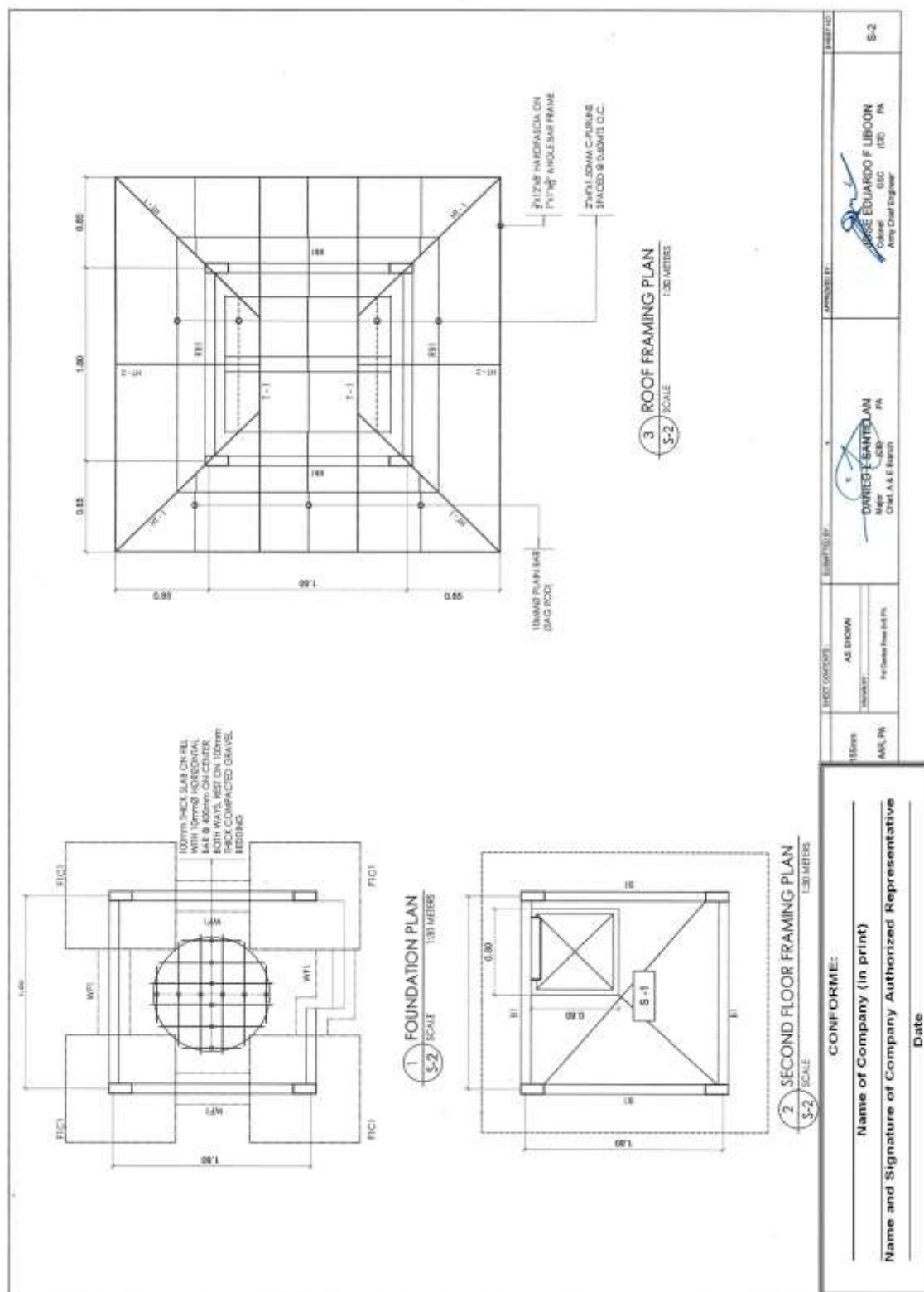
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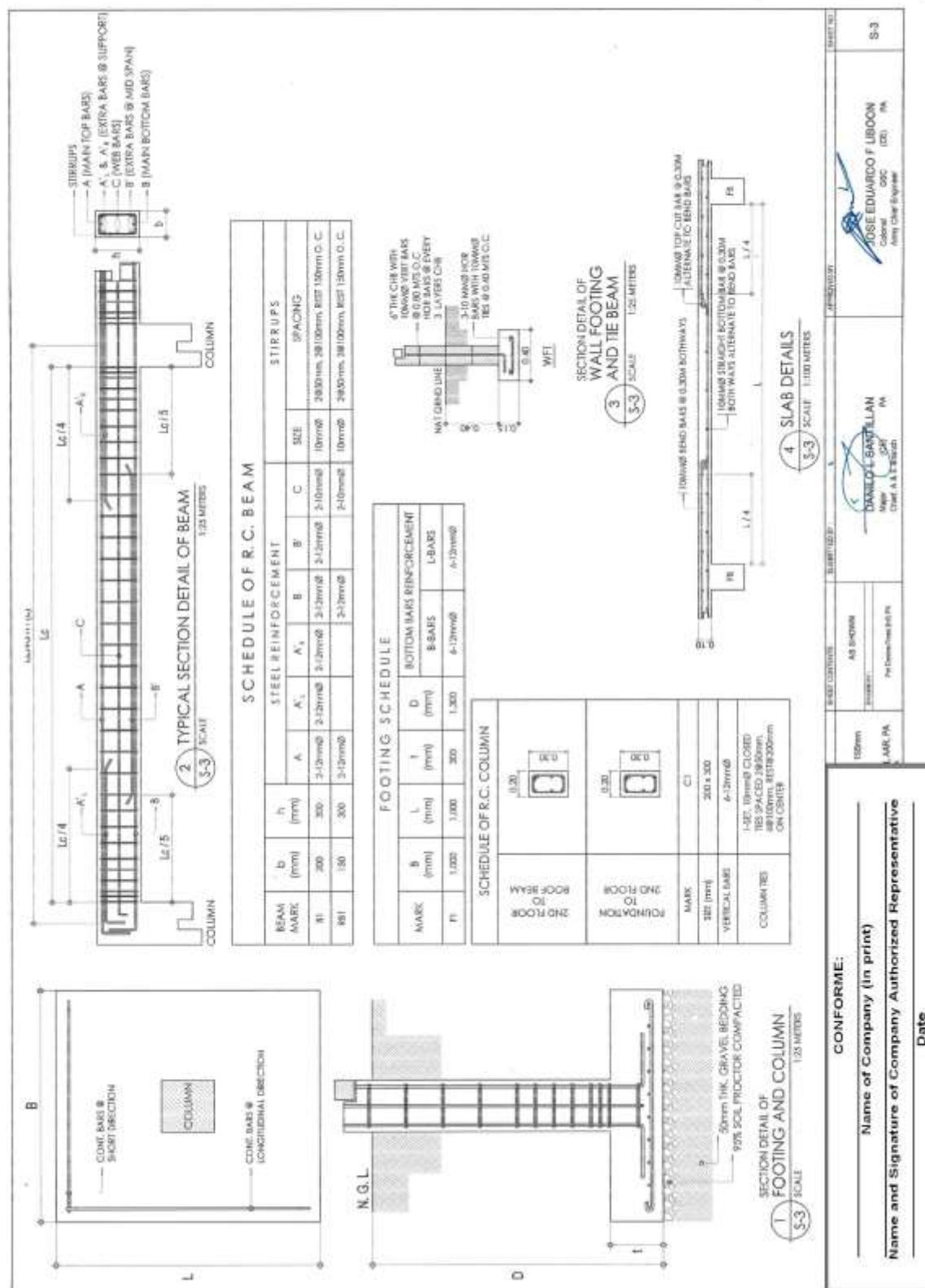
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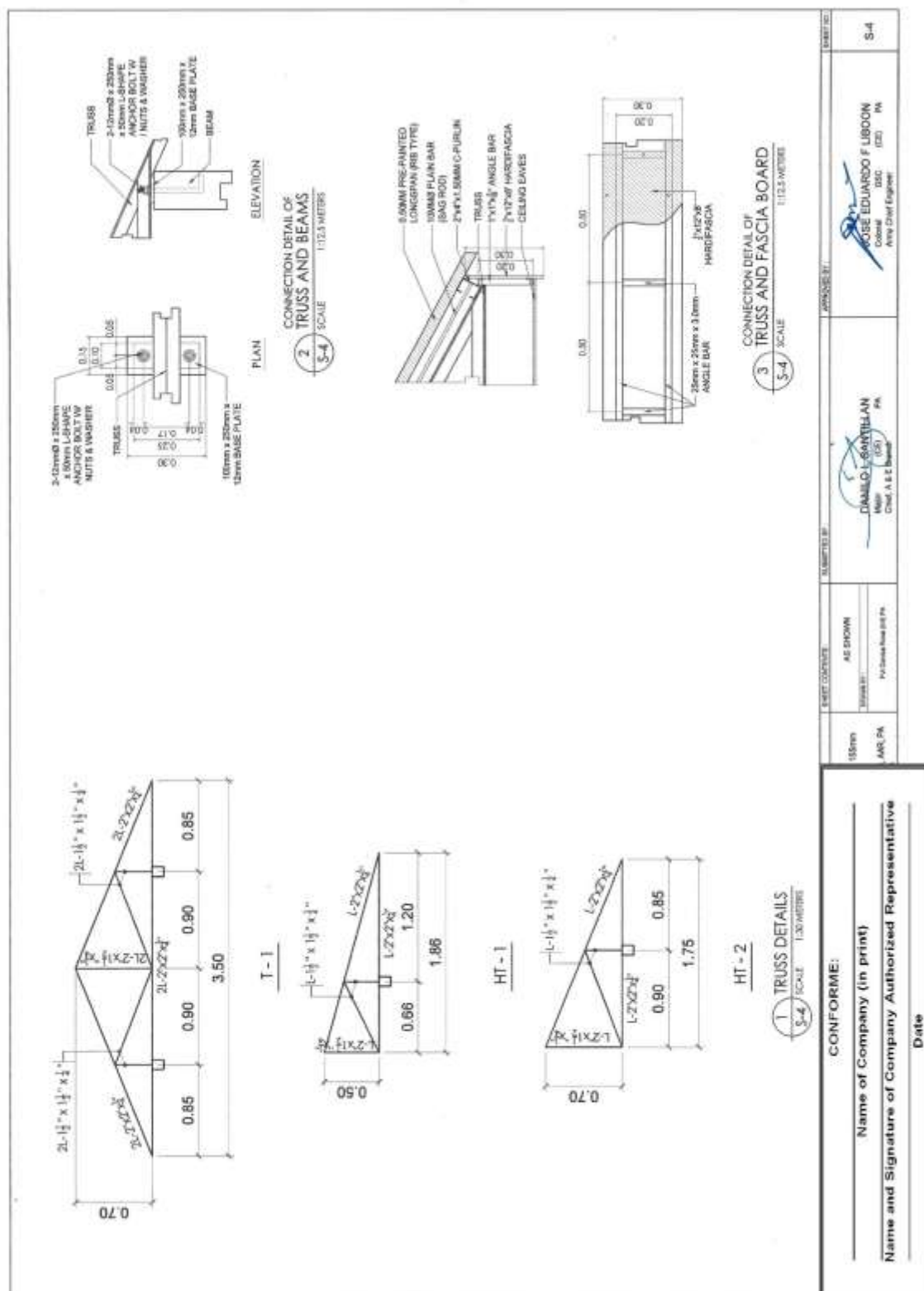
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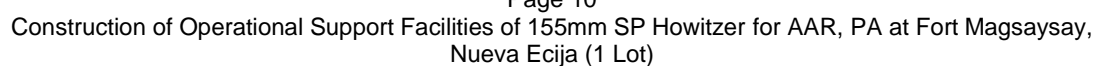


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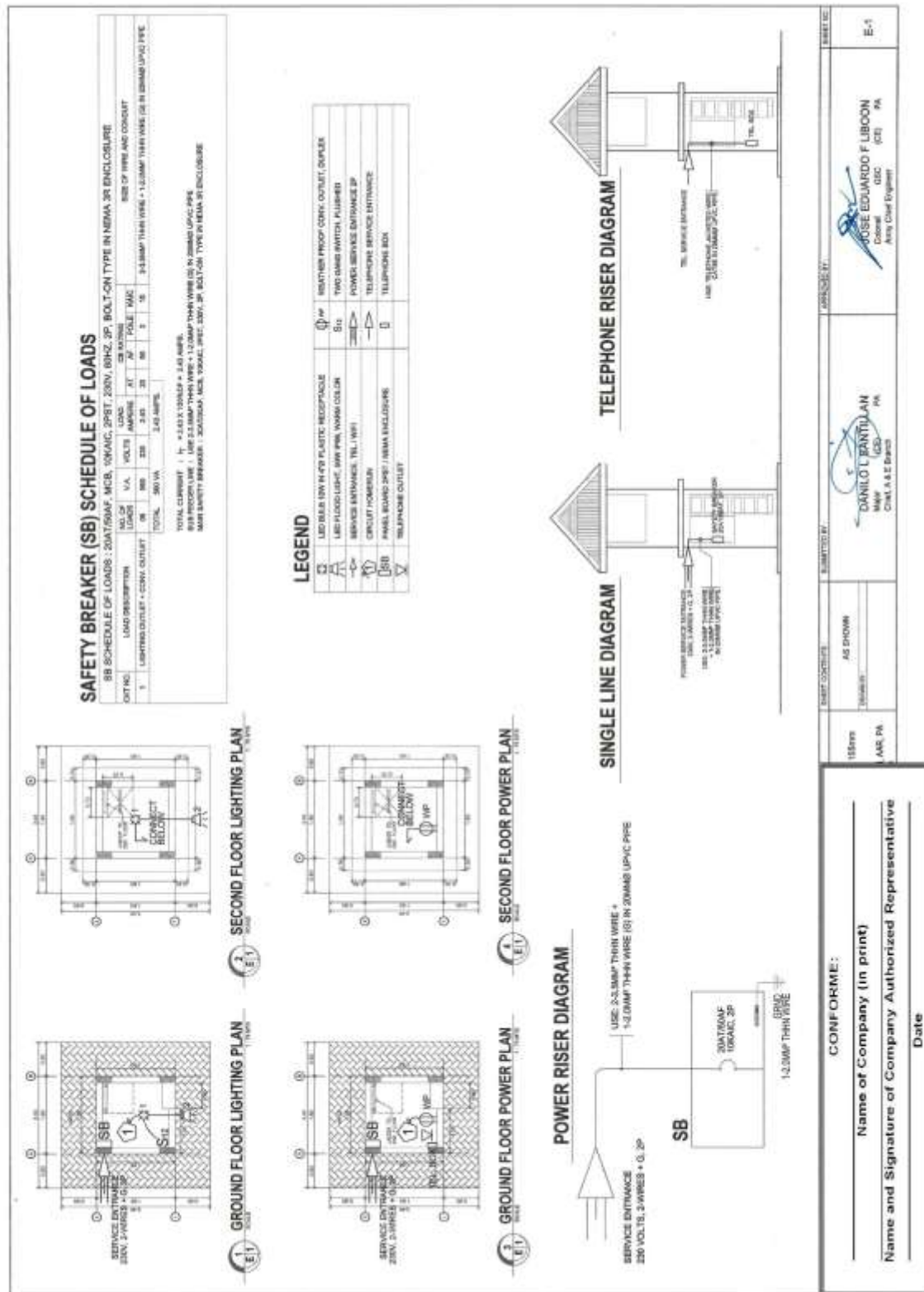


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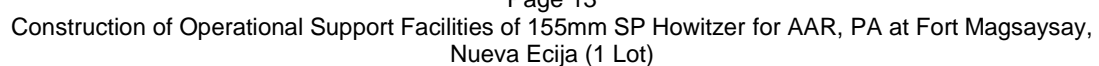


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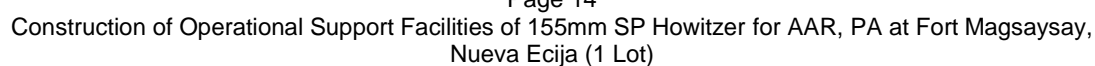
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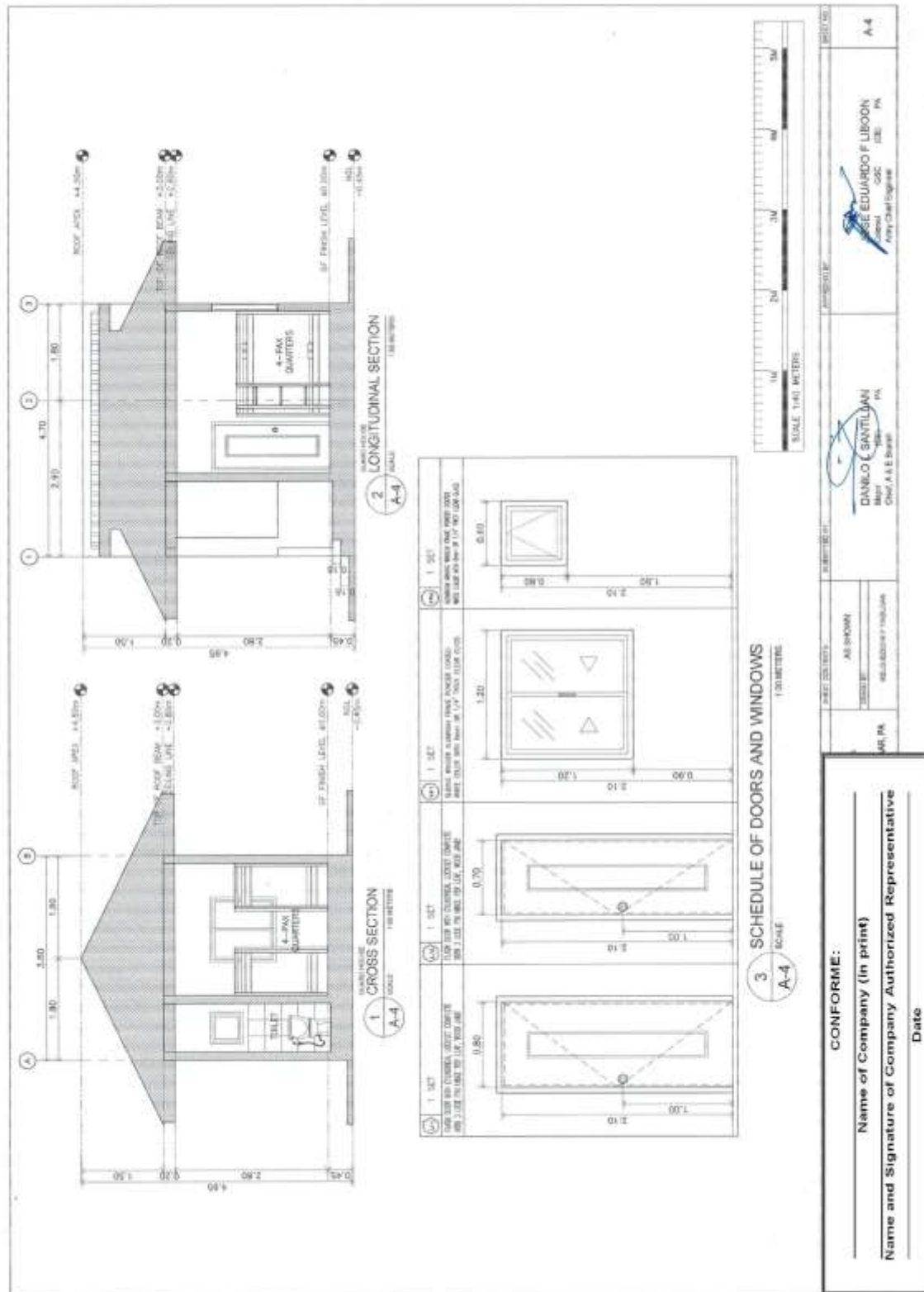


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GENERAL NOTES		NOTES ON CONCRETE MIXES & PLACING		NOTES ON FOOTINGS		TYP. DET. OF INTEL BEAM AT CHB WALL OPENING		TYPICAL CONNECTION DETAIL OF MASONRY WALL																																																																							
<p>1. IN THE INTERPRETATION OF THE DRAWINGS, INDICATED DIMENSIONS SHALL GOVERN AND DISTANCES AND SIZES SHALL NOT BE SOLED FOR CONSTRUCTION PURPOSES.</p> <p>2. IN REFERENCE TO OTHER DRAWINGS, SEE ARCHITECTURAL DRAWINGS FOR DEPRESSIONS IN FLOOR SLABS, OPENINGS IN THE WALLS AND SLABS, INTERIOR PARTITIONS, LOCATION OF DOORS ETC.</p> <p>3. IN CASE OF DISCREPANCIES AS TO THE LAYOUT, DIMENSIONS, AND ELEVATIONS BETWEEN THE STRUCTURAL PLANS, AND ARCHITECTURAL DRAWINGS, THE CONTRACTOR SHALL NOTIFY BOTH THE STRUCTURAL ENGINEER AND THE ARCHITECT.</p> <p>4. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE ACI 318-05 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE. ALL STRUCTURAL STEEL WORK SHALL BE DONE IN ACCORDANCE WITH THE AISC 360-10 STEEL ECTION. ALL WORK SHALL CONFORM WITH THE LOCAL BUILDING CODE REQUIREMENT.</p> <p>5. NO REFERENCE TO AMERICAN CONCRETE INSTITUTE, AISC TO AMERICAN SOCIETY OF TESTING MATERIALS, CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.</p> <p>6. SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEELS, MISCELLANEOUS RIV, PRE-CAST CONCRETE, ETC. SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL BEFORE FABRICATION.</p> <p>7. CONTRACTOR SHALL NOTE AND PREPARE ALL MISCELLANEOUS CURBS, BELLS, STOLLS, EQUIPMENT'S AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS.</p> <p>8. ALL RESULTS OF MATERIAL TESTING FOR CONCRETE, REINFORCING BARS, & STRUCTURAL STEEL MUST BE NOTED & APPROVED BY THE STRUCTURAL DESIGNER.</p>		<p>1. ALL CONCRETE SHALL DEVELOP A MIN. COMPRESSIVE STRENGTH AT THE END OF TWENTY EIGHT (28) DAYS W/ CORRESPONDING MAXIMUM SIZE AGGREGATE & SLUMPS AS FOLLOWS.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>LOCATION</th> <th>28 DAYS STRENGTH</th> <th>MAX. SIZE OF AGGREGATE</th> <th>MAX. SIZE OF SLUMP</th> </tr> </thead> <tbody> <tr> <td>ALL OTHERS, INCLUDING SUSPENDED SLABS</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> <tr> <td>COLUMNS</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> <tr> <td>BEAMS, SLABS</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> <tr> <td>SLAB ON FILL</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> </tbody> </table> <p>2. 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NO DEPOSITING OF CONCRETE SHALL BE ALLOWED WITHOUT THE USE OF VIBRATORS UNLESS AUTHORIZED IN WRITING BY THE DESIGNERS AND ONLY FOR UNUSUAL CONDITIONS WHERE VIBRATIONS ARE EXTREMELY DIFFICULT TO ACCOMPLISH.</p> </td> <td colspan="2" style="vertical-align: top; padding: 5px;"> <p>1. FOOTING SHALL REST AT LEAST 1500mm BELOW NATURAL GRADE LINE UNLESS OTHERWISE INDICATED IN PLANS. NO FOOTING SHALL REST ON FILL.</p> <p>2. MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE 75mm CEMENT DEPOSITED AGAINST A FORMWORK.</p> </td> <td colspan="2" style="vertical-align: top; padding: 5px;"> <p>1. ALL ANCHOR BOLTS, DOWELS, AND OTHER INSERTS, SHALL BE PROPERLY POSITIONED & SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.</p> <p>2. ALL CONCRETE SHALL BE KEPT MOIST FOR A MINIMUM OF SEVEN CONSECUTIVE DAYS IMMEDIATELY AFTER FINISHING BY THE USE OF WET BURLAP, FOG SPRINKLING, CURING COMPOUNDS OR OTHER APPROVED METHODS.</p> <p>3. 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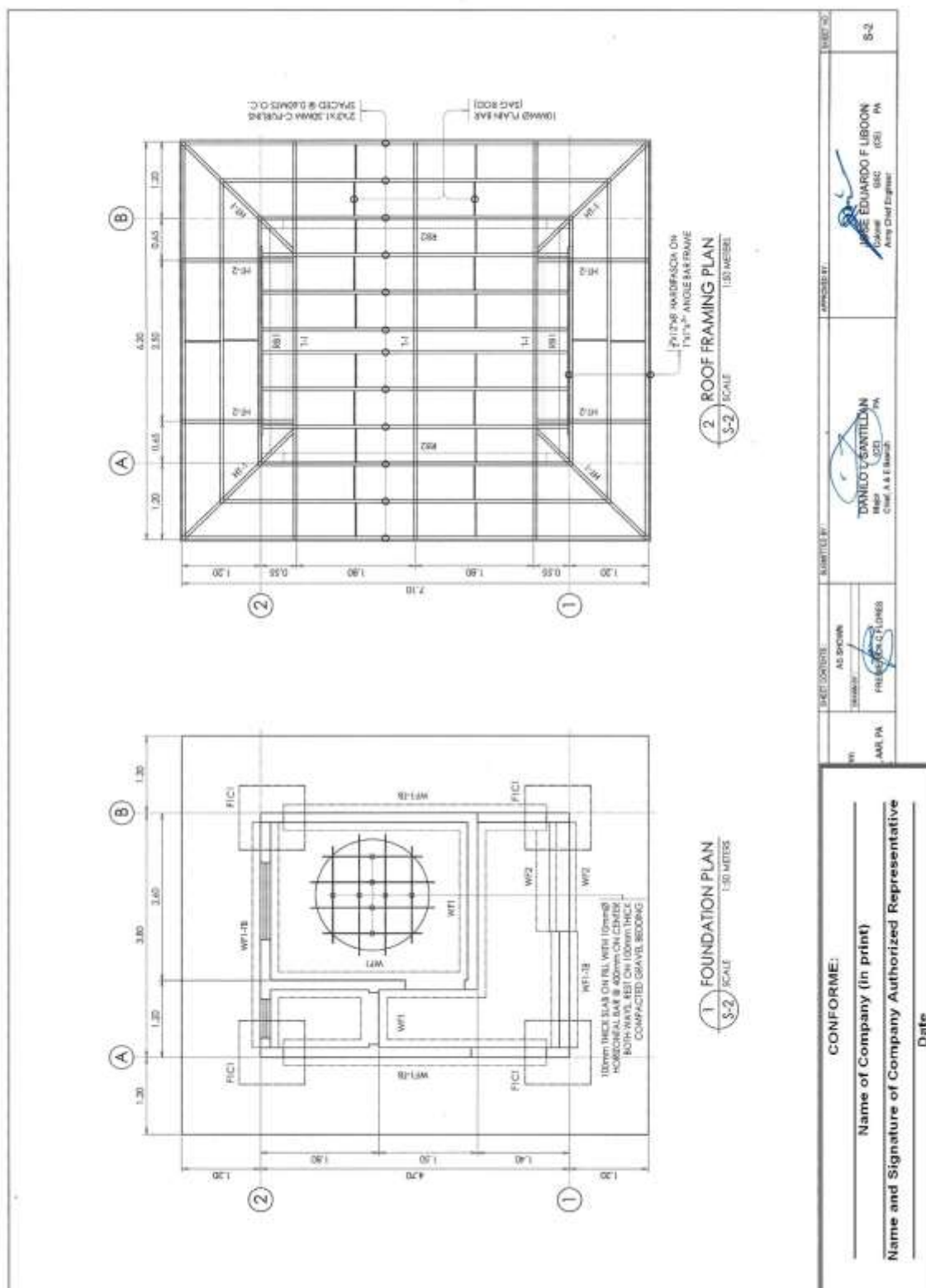
LOCATION	28 DAYS STRENGTH	MAX. SIZE OF AGGREGATE	MAX. SIZE OF SLUMP
ALL OTHERS, INCLUDING SUSPENDED SLABS	3000 PSI (20.70 MPa)	20mm	100mm
COLUMNS	3000 PSI (20.70 MPa)	20mm	100mm
BEAMS, SLABS	3000 PSI (20.70 MPa)	20mm	100mm
SLAB ON FILL	3000 PSI (20.70 MPa)	20mm	100mm

2. MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS:

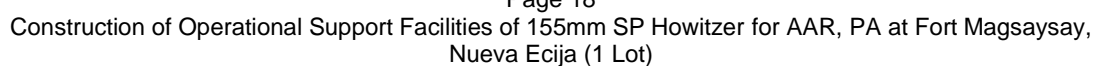
ITEM	COVER (mm)
SLAB ON GRADE	20mm
WALLS ABOVE GRADE	40mm
BEAM STRIPS AND COLUMN TIES	25mm
WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	40mm
CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION, RE-HANDLING OR PLACING SHALL BE DONE PREFERABLY WITH BUCKETS, BUCKETS OR WHEELBARROWS. NO CHUTES WILL BE ALLOWED EXCEPT TO TRANSFER CONCRETE FROM HOPPERS TO BUCKETS, WHEELBARROWS OR BUCKETS IN WHICH CASE THEY SHALL NOT EXCEED SIX (6) METERS IN AGGREGATE LENGTH. <p>4. NO DE</p>	

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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

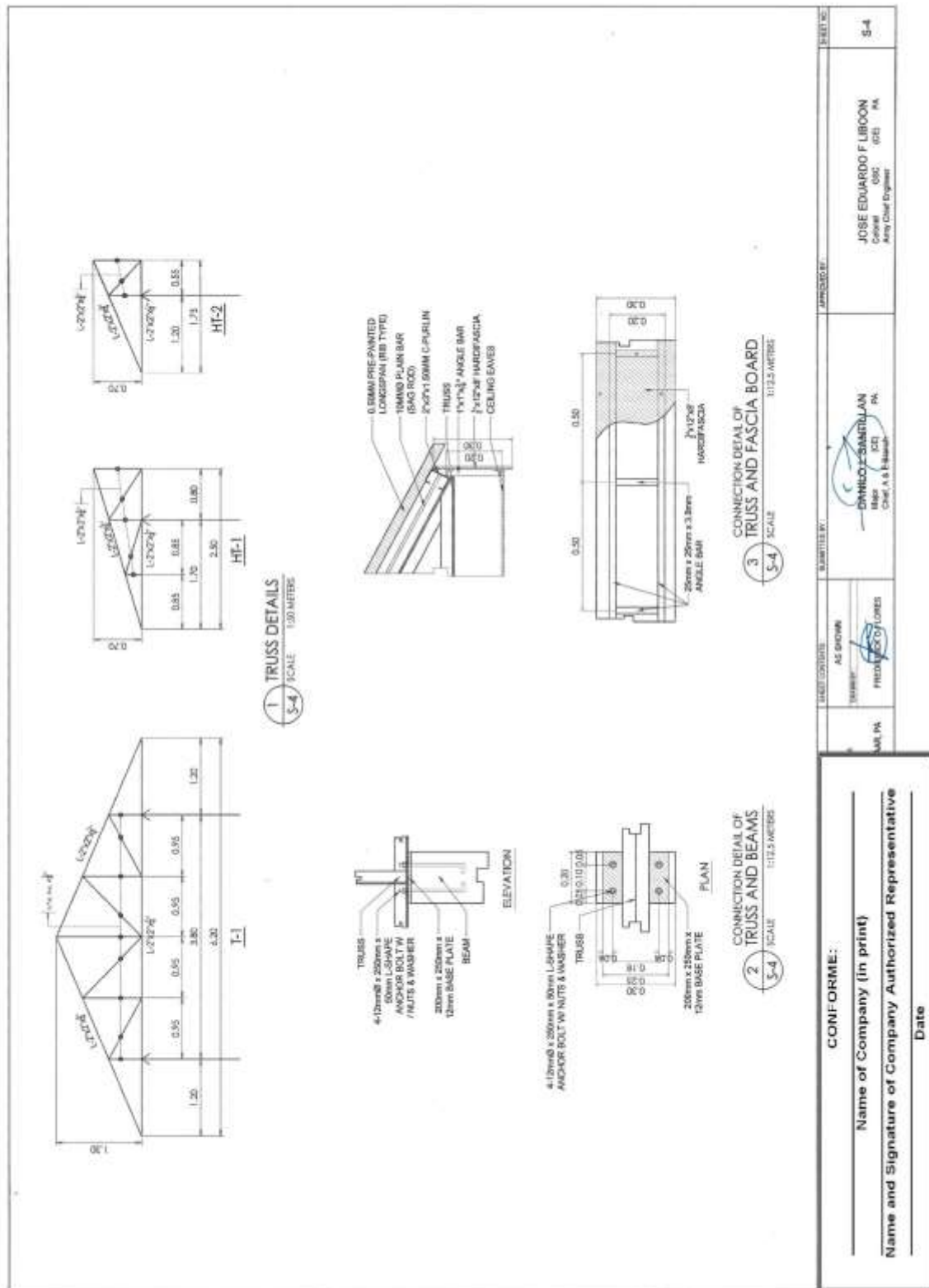


**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**



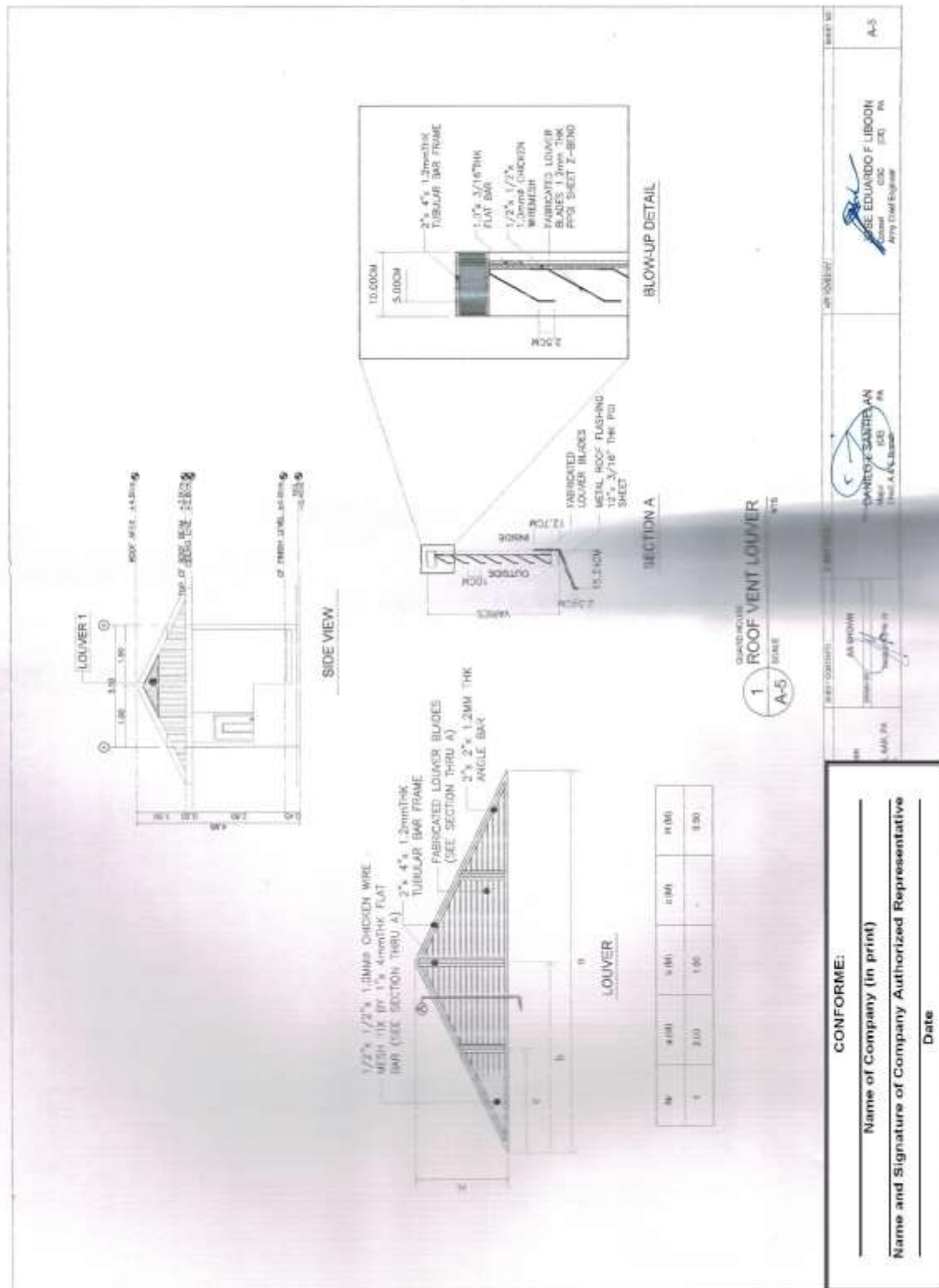
(Page 18/143)

**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



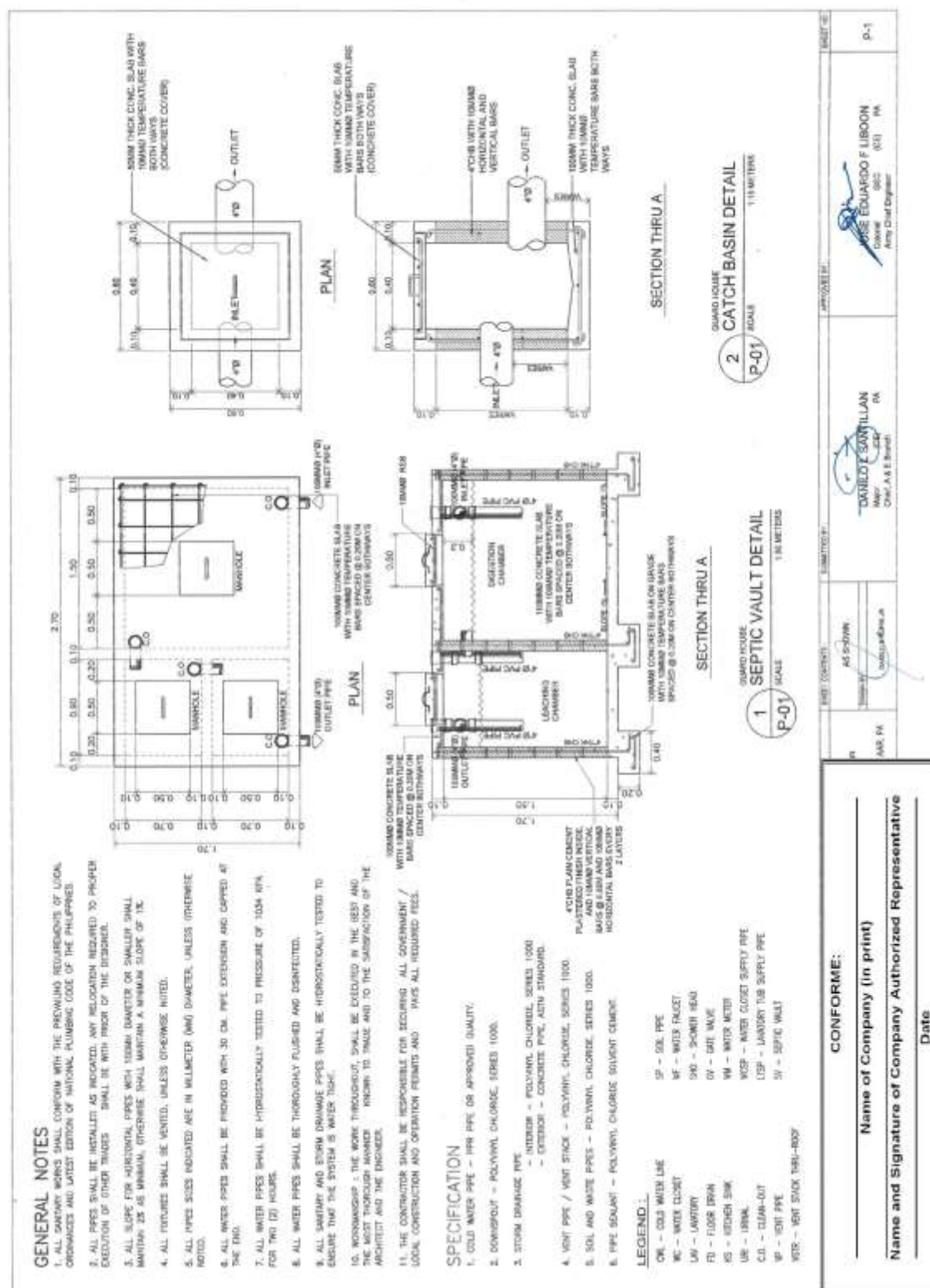
(Page 19/143)

**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



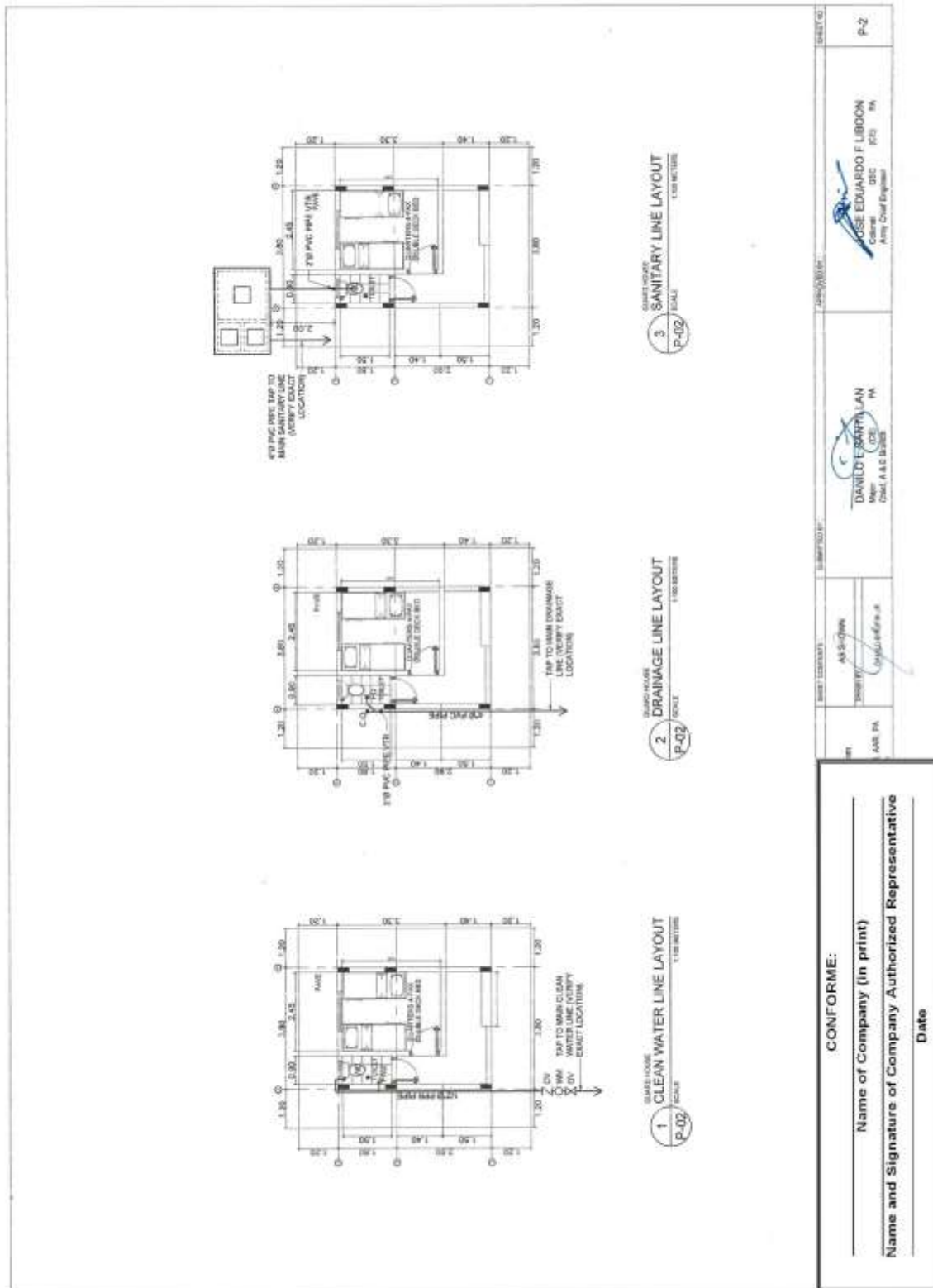
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



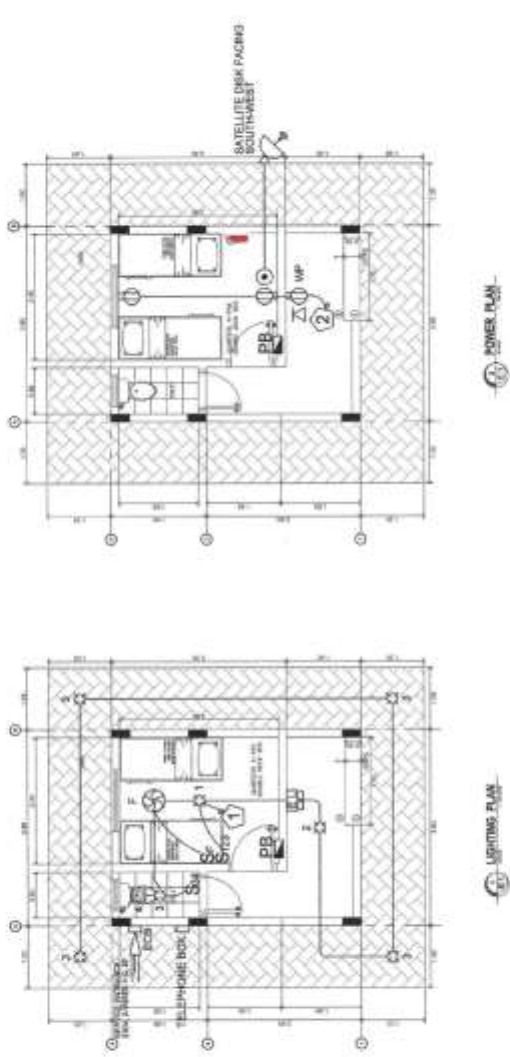
(Page 21/143)

**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



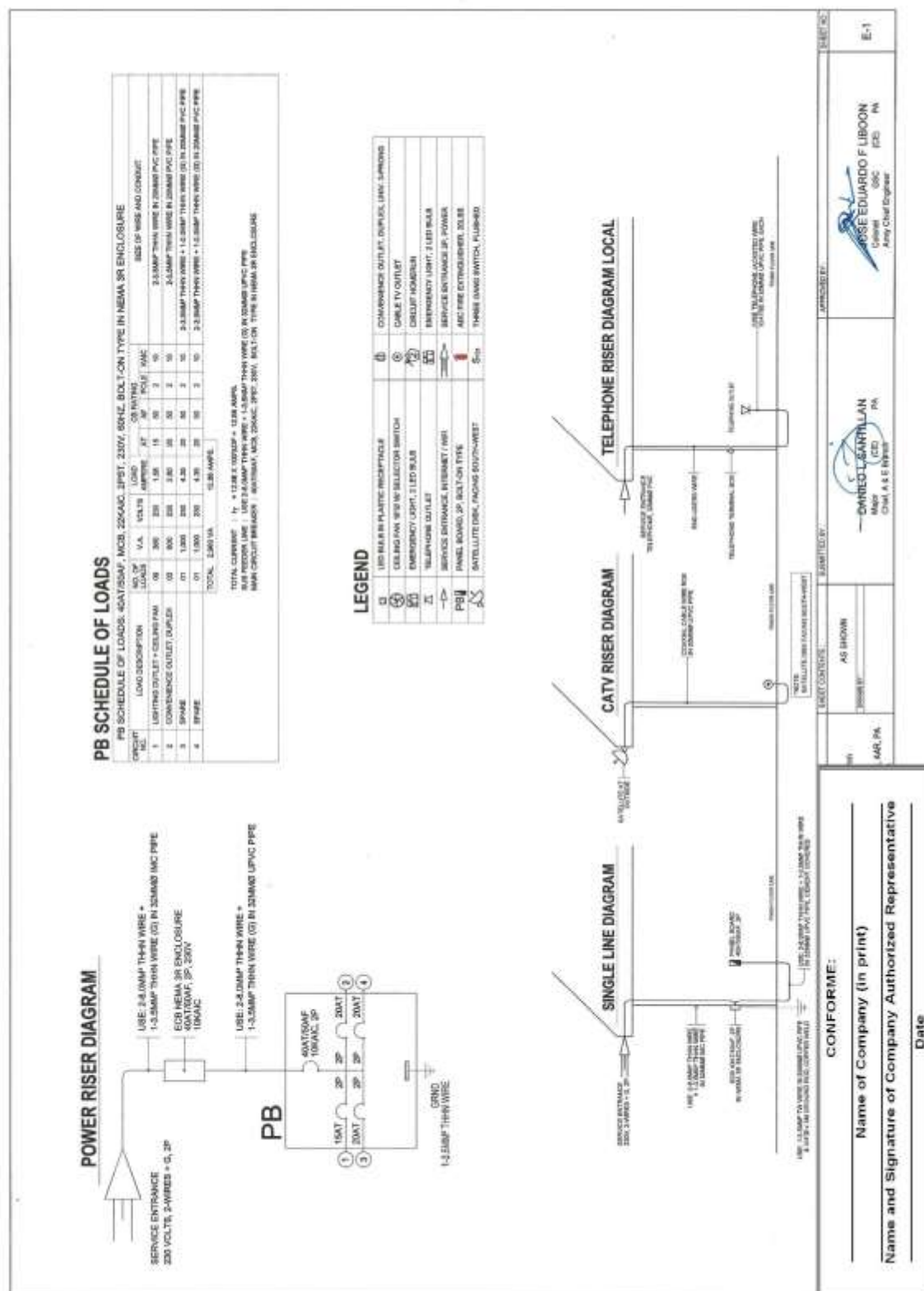
(Page 22/143)

**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

		<p>AS SHOWN</p> <p>Sheet 17</p> <p>1. AAR, PA</p>	<p>Sheet 18</p> <p>1. AAR, PA</p>	<p>Sheet 19</p> <p>1. AAR, PA</p>	<p>Sheet 20</p> <p>1. AAR, PA</p>	<p>Sheet 21</p> <p>1. AAR, PA</p>	<p>Sheet 22</p> <p>1. AAR, PA</p>				
<p>CONFORME:</p> <p>_____ Name of Company (in print)</p> <p>_____ Name and Signature of Company Authorized Representative</p> <p>_____ Date</p>		<p>AS SHOWN</p> <p>Sheet 17</p> <p>1. AAR, PA</p>					<p>Sheet 18</p> <p>1. AAR, PA</p>	<p>Sheet 19</p> <p>1. AAR, PA</p>	<p>Sheet 20</p> <p>1. AAR, PA</p>	<p>Sheet 21</p> <p>1. AAR, PA</p>	<p>Sheet 22</p> <p>1. AAR, PA</p>
<p>_____ Name of Company (in print)</p> <p>_____ Name and Signature of Company Authorized Representative</p> <p>_____ Date</p>		<p>AS SHOWN</p> <p>Sheet 17</p> <p>1. AAR, PA</p>					<p>Sheet 18</p> <p>1. AAR, PA</p>	<p>Sheet 19</p> <p>1. AAR, PA</p>	<p>Sheet 20</p> <p>1. AAR, PA</p>	<p>Sheet 21</p> <p>1. AAR, PA</p>	<p>Sheet 22</p> <p>1. AAR, PA</p>

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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



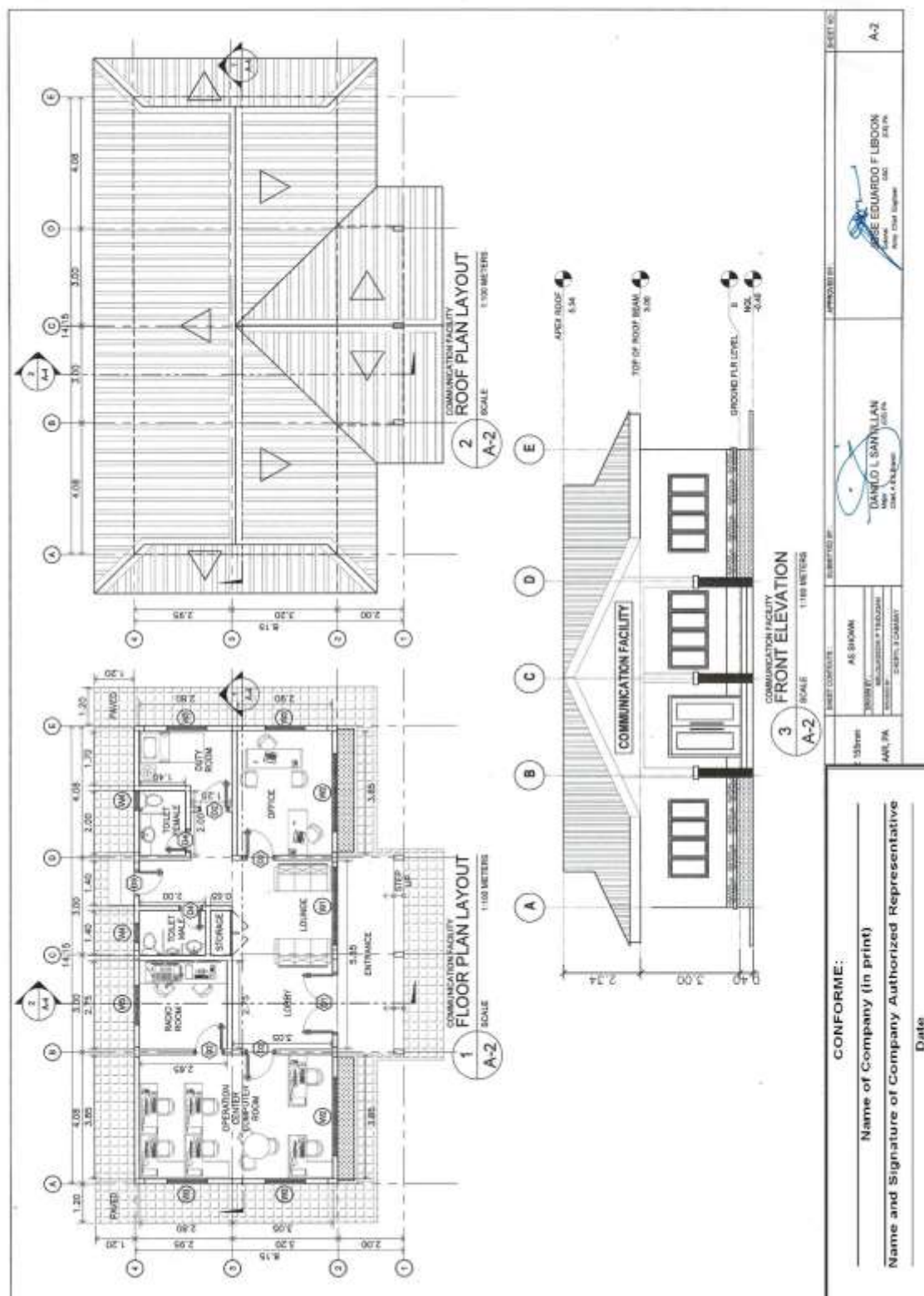
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

	1 PERSPECTIVE A-1 NOT TO SCALE				4 SITE LOCATION PLAN A-1 SCALE 1:500 METERS	CONFORME: Name of Company (in print) _____ Name and Signature of Company Authorized Representative _____ Date _____	<table border="1"> <tr> <td data-bbox="1246 1272 1294 1323">SHEET NO.</td> <td data-bbox="1246 1211 1294 1272">155mm</td> <td data-bbox="1246 1151 1294 1211">1:500m</td> <td data-bbox="1246 1090 1294 1151">1:500m</td> <td data-bbox="1246 1030 1294 1090">1:500m</td> <td data-bbox="1246 969 1294 1030">1:500m</td> <td data-bbox="1246 909 1294 969">1:500m</td> <td data-bbox="1246 848 1294 909">1:500m</td> <td data-bbox="1246 788 1294 848">1:500m</td> <td data-bbox="1246 728 1294 788">1:500m</td> <td data-bbox="1246 667 1294 728">1:500m</td> <td data-bbox="1246 607 1294 667">1:500m</td> <td data-bbox="1246 546 1294 607">1:500m</td> <td data-bbox="1246 486 1294 546">1:500m</td> <td data-bbox="1246 425 1294 486">1:500m</td> </tr> <tr> <td data-bbox="1294 1272 1353 1323">SHEET NO.</td> <td data-bbox="1294 1211 1353 1272">155mm</td> <td data-bbox="1294 1151 1353 1211">1:500m</td> <td data-bbox="1294 1090 1353 1151">1:500m</td> <td data-bbox="1294 1030 1353 1090">1:500m</td> <td data-bbox="1294 969 1353 1030">1:500m</td> <td data-bbox="1294 909 1353 969">1:500m</td> <td data-bbox="1294 848 1353 909">1:500m</td> <td data-bbox="1294 788 1353 848">1:500m</td> <td data-bbox="1294 728 1353 788">1:500m</td> <td data-bbox="1294 667 1353 728">1:500m</td> <td data-bbox="1294 607 1353 667">1:500m</td> <td data-bbox="1294 546 1353 607">1:500m</td> <td data-bbox="1294 486 1353 546">1:500m</td> <td data-bbox="1294 425 1353 486">1:500m</td> </tr> </table>	SHEET NO.	155mm	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	SHEET NO.	155mm	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m	1:500m
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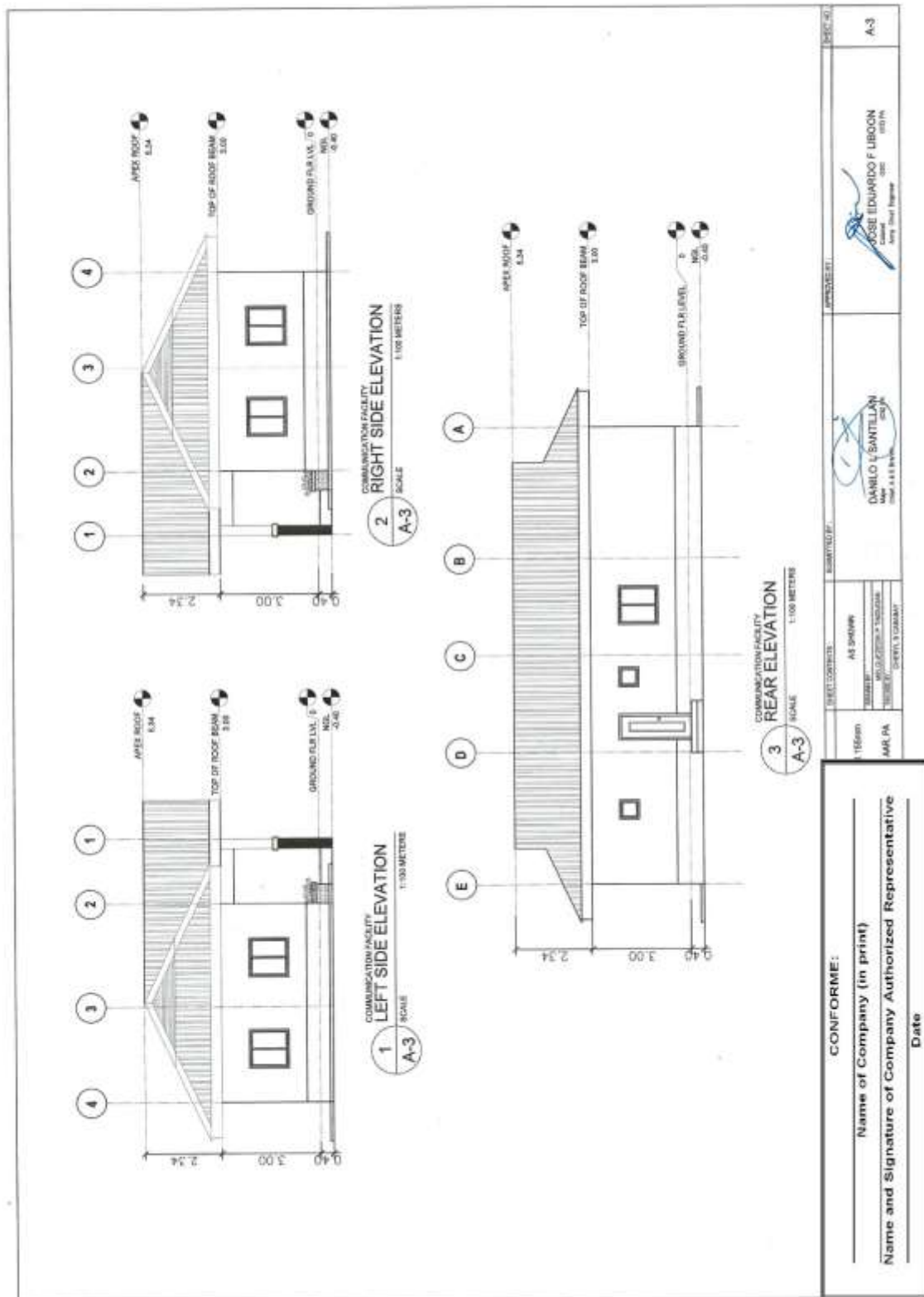
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



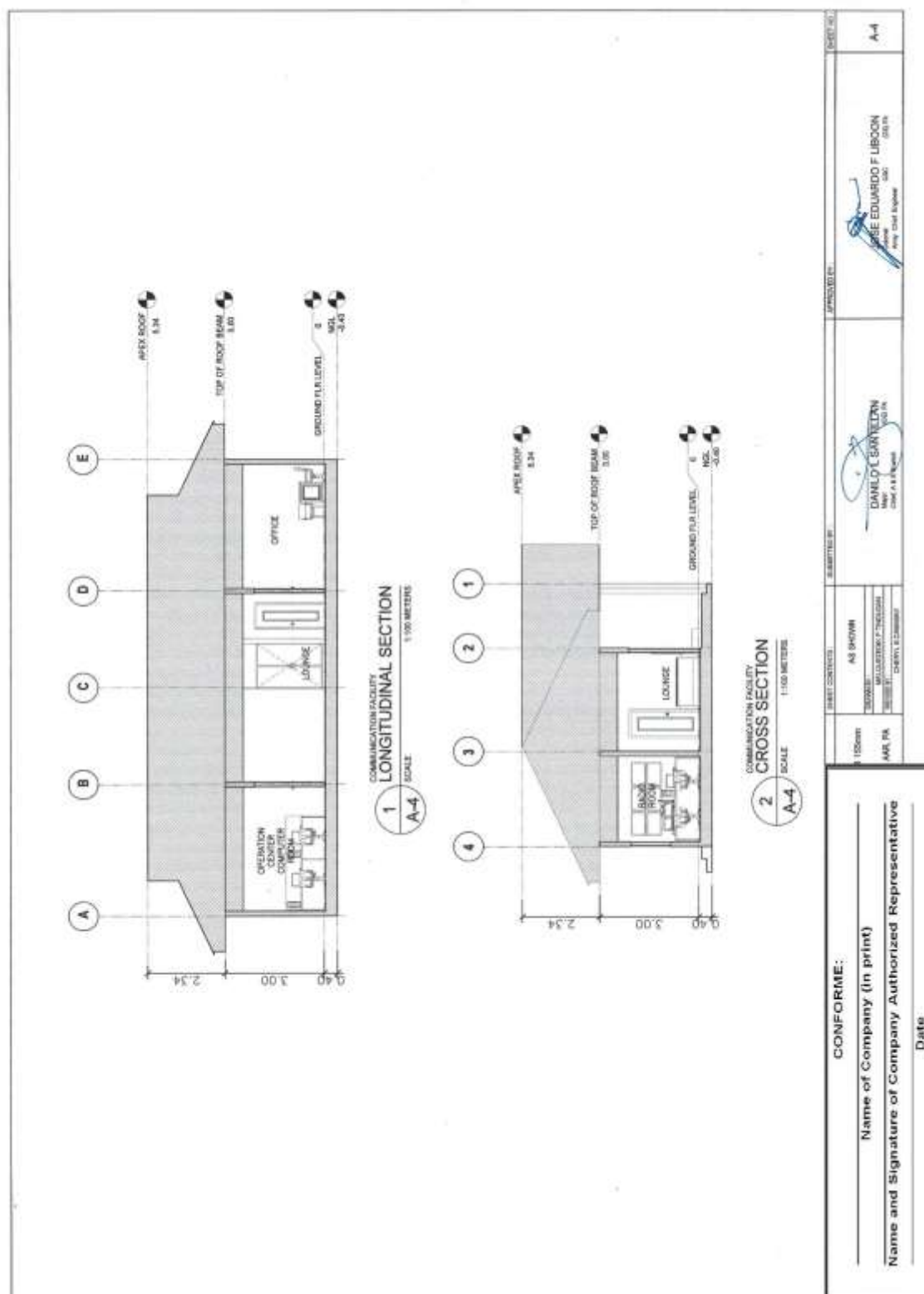
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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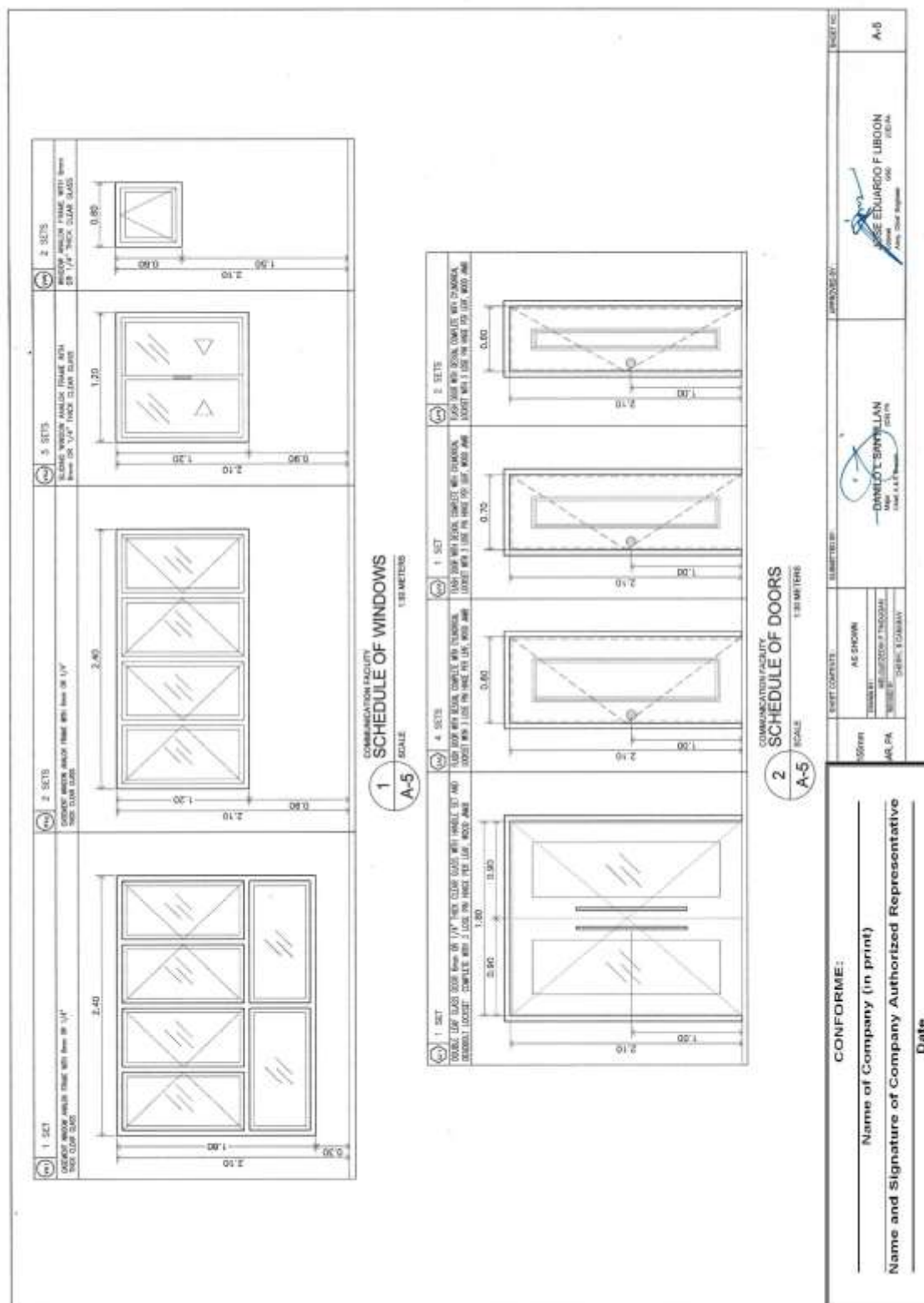
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**



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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

GENERAL NOTES	TYPICAL BAR BENDING AND CUTTING DETAILS FOR SLABS	TYPICAL CORNER SLAB DETAIL																															
<p>1. IN THE INTERPRETATION OF THE DRAWINGS, INDICATED DIMENSIONS SHALL CONTROL AND DISTANCES AND SIZES SHALL NOT BE SOLED FOR CONSTRUCTION PURPOSES.</p> <p>2. IN REFERENCE TO OTHER DRAWINGS, SEE ARCHITECTURAL DRAWINGS FOR DEPRESSIONS IN FLOOR SLABS, OPENINGS IN THE WALLS AND SLAB, INTERIOR PARTITIONS, LOCATION OF DOORS ETC.</p> <p>3. IN CASE OF DISCREPANCIES AS TO THE LAYOUT, DIMENSIONS, AND ELEVATIONS BETWEEN THE STRUCTURAL PLANS AND ARCHITECTURAL DRAWINGS, THE CONTRACTOR SHALL NOTIFY BOTH THE STRUCTURAL ENGINEER AND THE ARCHITECT.</p> <p>4. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE ACI 318-05 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND ALL STRUCTURAL STEEL WORK SHALL BE DONE IN ACCORDANCE WITH THE AISC 360-10 STEEL CONSTRUCTION MANUAL. CONFLICT WITH THE LOCAL BUILDING CODE REQUIREMENTS.</p> <p>5. ALL REFERENCES TO AMERICAN CONCRETE INSTITUTE, ALSO TO AMERICAN INSTITUTE OF STEEL CONSTRUCTION AND ASTM TO AMERICAN SOCIETY FOR TESTING MATERIALS.</p> <p>6. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.</p> <p>7. SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEELS, MISCELLANEOUS IRON, FIRE-CAST CONCRETE, ETC. SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL BEFORE FABRICATION.</p> <p>8. CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CURBS, SALL, STOODLS, COUPLERS AND SPECIAL BARS THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS.</p> <p>9. ALL RESULTS OF MATERIAL TESTING FOR CONCRETE, REINFORCING BARS, & STRUCTURAL STEEL MUST BE NOTED & APPROVED BY THE STRUCTURAL DESIGNER.</p>	<p>5. ALL ANCHOR BOLTS, DOMES, AND OTHER RISERS, SHALL BE PROPERLY POSITIONED & SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.</p> <p>6. ALL CONCRETE SHALL BE KEPT MOIST FOR A MINIMUM OF SEVEN CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP, FOG SPRAYING, CURING COMPOUNDS OR OTHER APPROVED METHODS.</p> <p>7. STRIPPING OF FORMS AND SHORES:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>FOUNDATIONS</td> <td>24 HRS.</td> </tr> <tr> <td>SUSPENDED SLAB</td> <td>14 DAYS</td> </tr> <tr> <td>WALLS</td> <td>21 DAYS</td> </tr> <tr> <td>BEAMS</td> <td>14 DAYS</td> </tr> <tr> <td>COLUMNS</td> <td>21 DAYS</td> </tr> </table> <p>8. THE CONTRACTOR SHALL SUBMIT THE SCHEDULE OF POURING AND THE LOCATION OF THE CONSTRUCTION JOINTS TO THE STRUCTURAL ENGINEER AT LEAST (4) DAYS PRIOR TO THE POURING FOR APPROVAL.</p> <p>9. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ADEQUATE FORMS AND SHORING UNTIL THE CONCRETE MEMBERS HAVE ATTAINED THEIR WORKING CONDITION AND STRENGTH.</p> <p align="center">NOTES ON FOOTINGS</p> <p>1. FOOTING SHALL REST AT LEAST 1500mm BELOW NATURAL GRADE LINE UNLESS OTHERWISE INDICATED IN PLANS. NO FOOTING SHALL REST ON FILL.</p> <p>2. MINIMUM CONCRETE PROTECTION FOR REINFORCEMENTS SHALL BE 75mm CLEAR FOR CONCRETE DEPOSITED ON THE GROUND AND 50mm FOR CONCRETE DEPOSITED AGAINST A FORMWORK.</p> <p align="center">NOTES ON REINFORCEMENT</p> <p>1. UNLESS OTHERWISE NOTED IN PLANS, THE YIELD STRENGTH OF REINFORCING BARS SHALL BE:</p> <p>A. FOOTINGS, FOOTING BEAMS AND COLUMNS $f_y = 277.5 \text{ MPa}$ (33,000 psi)</p> <p>B. COLUMNS AND SHEAR WALLS $f_y = 277.5 \text{ MPa}$ (33,000 psi)</p> <p>C. BEAMS AND BEARING WALL PARTITIONS, BEDED SLABS, FLOOR & ROOF SLABS, $f_y = 277.5 \text{ MPa}$ (33,000 psi)</p> <p>D. ALL REINFORCING BARS SHALL BE LARGER THAN 10mm MAY BE PLAIN WITH ASTM A 700. BARS SMALLER THAN 10mm MAY BE PLAIN.</p> <p>2. SPICES SHALL BE SECURELY WELDED TOGETHER & SHALL LAP OR EXTEND IN ACCORDANCE W/ TABLE A & TABLE B (TABLE OF LAP SPACE & ANCHORAGE LENGTH) UNLESS OTHERWISE SHOWN ON DRAWINGS. SPICES SHALL BE STAGGERED WHENEVER POSSIBLE.</p> <p align="center">NOTES ON CONCRETE SLABS</p> <p>1. ALL SLAB REINFORCEMENTS SHALL BE 20mm CLEAR MINIMUM FROM BOTTOM AND FROM THE TOP OF SLAB.</p> <p>2. UNLESS OTHERWISE SHOWN, REINFORCEMENT IN CONTINUOUS ELEVATED SLAB SHALL BE OUT AS FOLLOWS:</p> <div style="text-align: center;"> </div>	FOUNDATIONS	24 HRS.	SUSPENDED SLAB	14 DAYS	WALLS	21 DAYS	BEAMS	14 DAYS	COLUMNS	21 DAYS	<p>1. ALL OTHERS, INCLUDING SUSPENDED SLABS, COLUMNS, BEAMS, SLABS, SLAB ON FILL, 28 DAYS STRENGTH</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>LOCATION</th> <th>28 DAYS STRENGTH</th> <th>MAX. SIZE OF AGGREGATE</th> </tr> <tr> <td>ALL OTHERS, INCLUDING SUSPENDED SLABS, COLUMNS</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> </tr> <tr> <td>BEAMS, SLABS</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> </tr> <tr> <td>SLAB ON FILL</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> </tr> </table> <p>2. MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SLAB ON GRADE</th> <th>20mm</th> </tr> <tr> <th>WALLS ABOVE GRADE</th> <th>40mm</th> </tr> <tr> <th>BEAM STRIPS AND COLUMN TIES</th> <th>25mm</th> </tr> <tr> <th>WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH</th> <th>40mm</th> </tr> <tr> <th>CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION. RE-HANDLING OR PLACING SHALL BE DONE PREVIOUSLY WITH BUCKETS, BUCKETS OR WHEELBARROWS. NO CHUTES WILL BE ALLOWED EXCEPT TO TRANSFER CONCRETE FROM HOPPERS TO BUCKETS, WHEELBARROWS OR BUCKETS IN WHICH CASE THEY SHALL NOT EXCEED SIX (6) METERS IN AGGREGATE LENGTH. <p>4. NO DEPOSITING OF CONCRETE SHALL BE ALLOWED WITHOUT THE USE OF VIBRATORS UNLESS AUTHORIZED IN WRITING BY THE DESIGNER AND ONLY FOR UNUSUAL CONDITIONS WHERE VIBRATIONS ARE EXTREMELY DIFFICULT TO ACCOMPLISH.</p> </th></tr></table>	LOCATION	28 DAYS STRENGTH	MAX. SIZE OF AGGREGATE	ALL OTHERS, INCLUDING SUSPENDED SLABS, COLUMNS	3000 PSI (20.70 MPa)	20mm	BEAMS, SLABS	3000 PSI (20.70 MPa)	20mm	SLAB ON FILL	3000 PSI (20.70 MPa)	20mm	SLAB ON GRADE	20mm	WALLS ABOVE GRADE	40mm	BEAM STRIPS AND COLUMN TIES	25mm	WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	40mm	CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION. RE-HANDLING OR PLACING SHALL BE DONE PREVIOUSLY WITH BUCKETS, BUCKETS OR WHEELBARROWS. 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CONFORME:

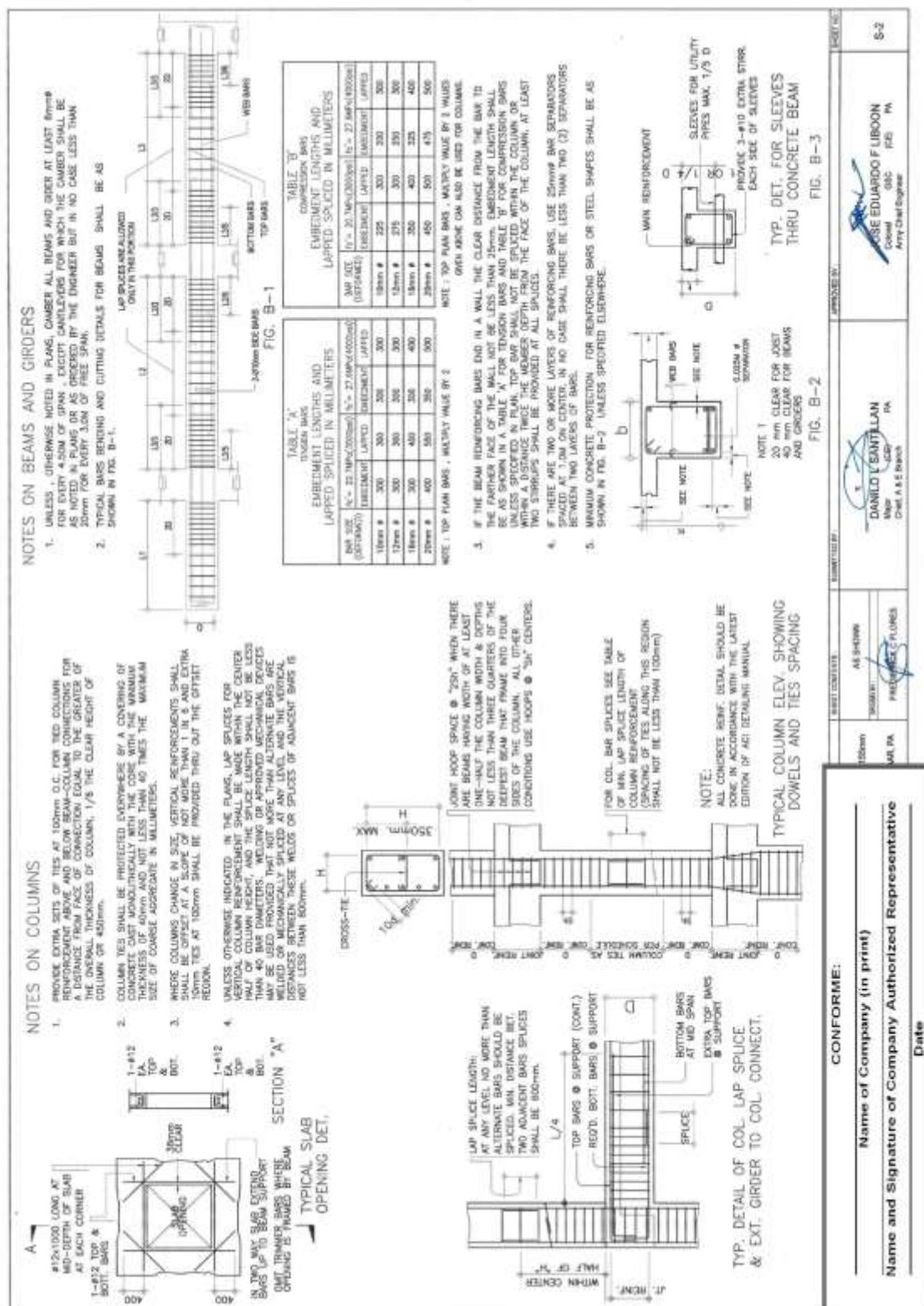
Name of Company (in print)

Name and Signature of Company Authorized Representative

Date

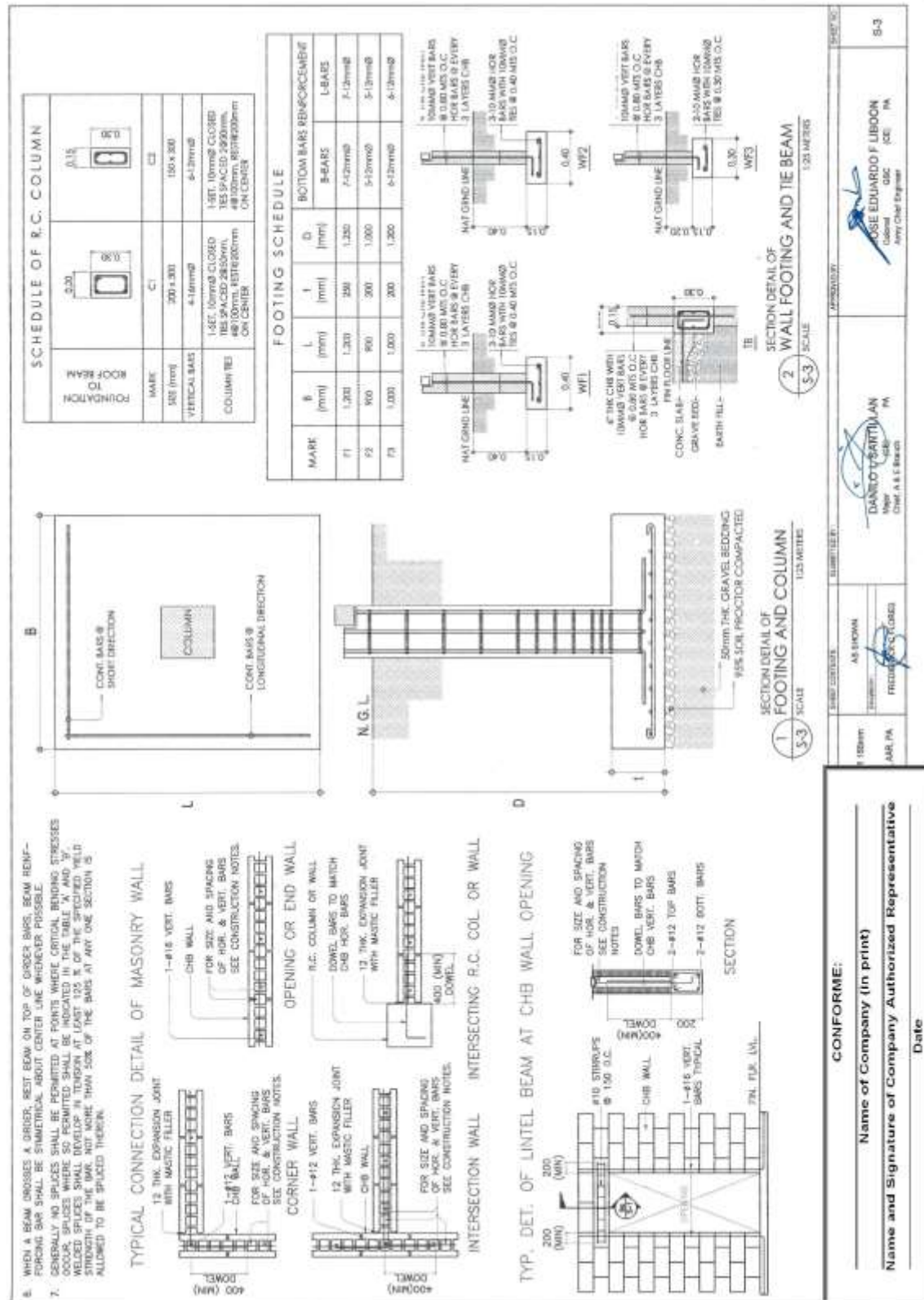
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



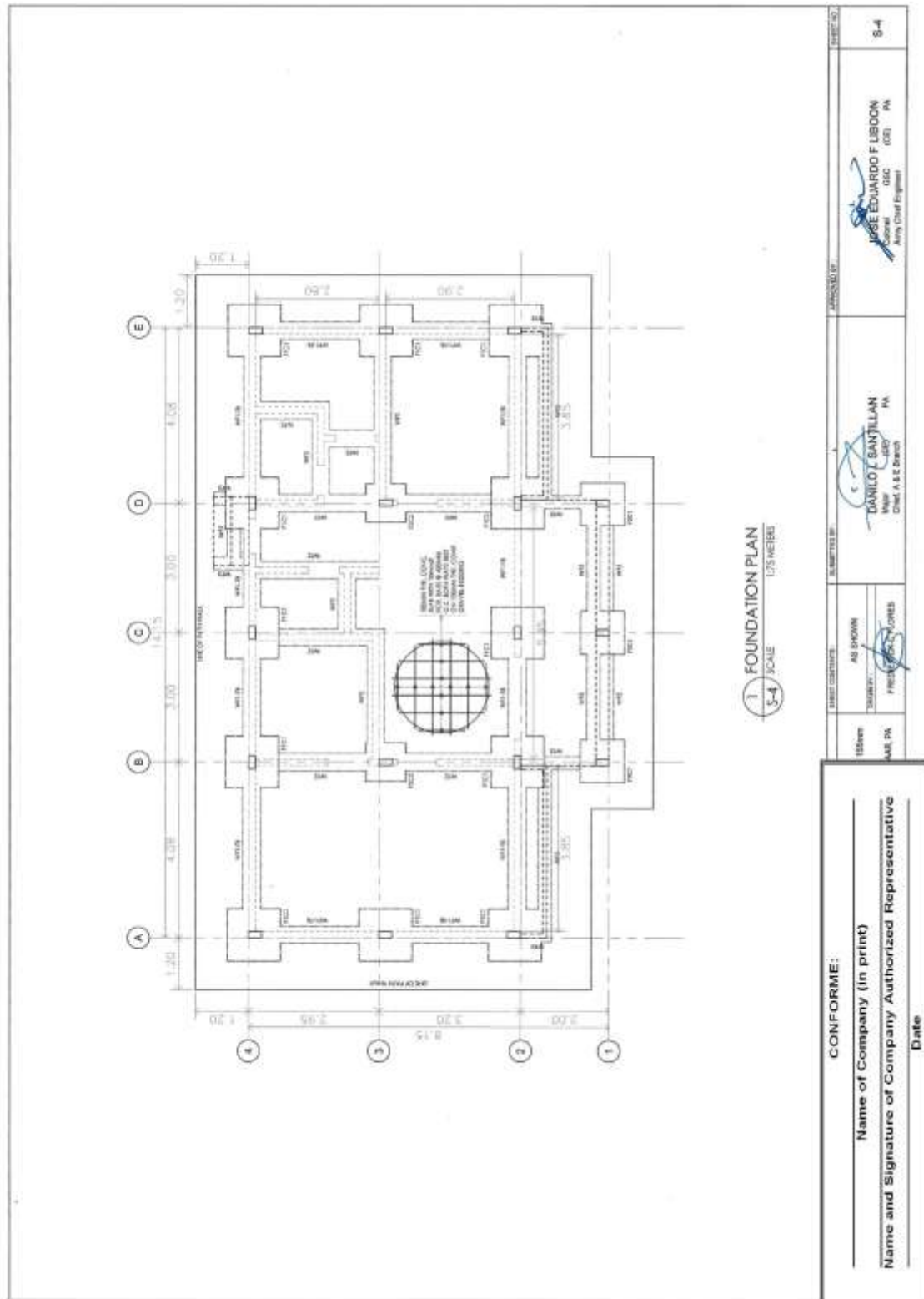
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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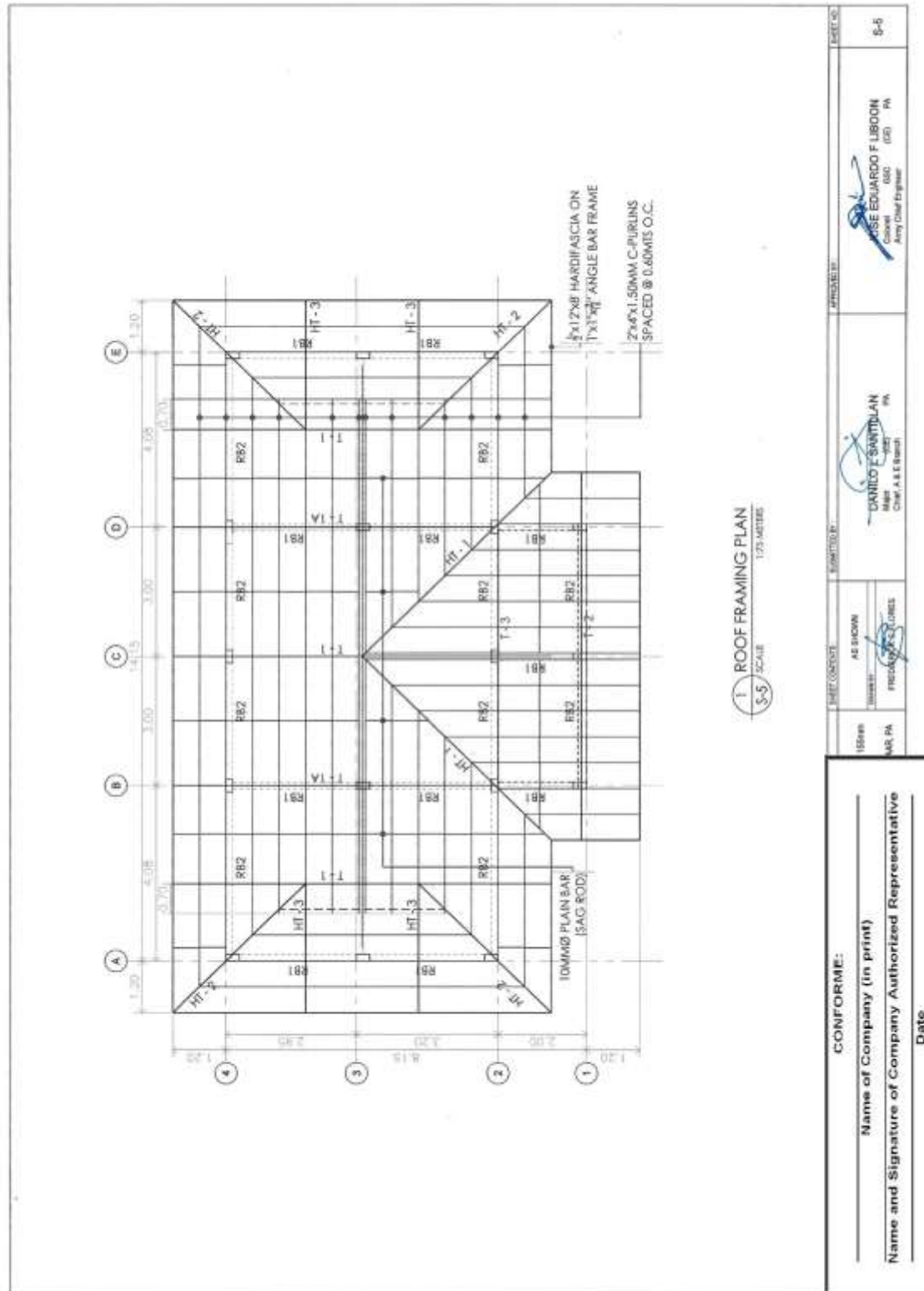
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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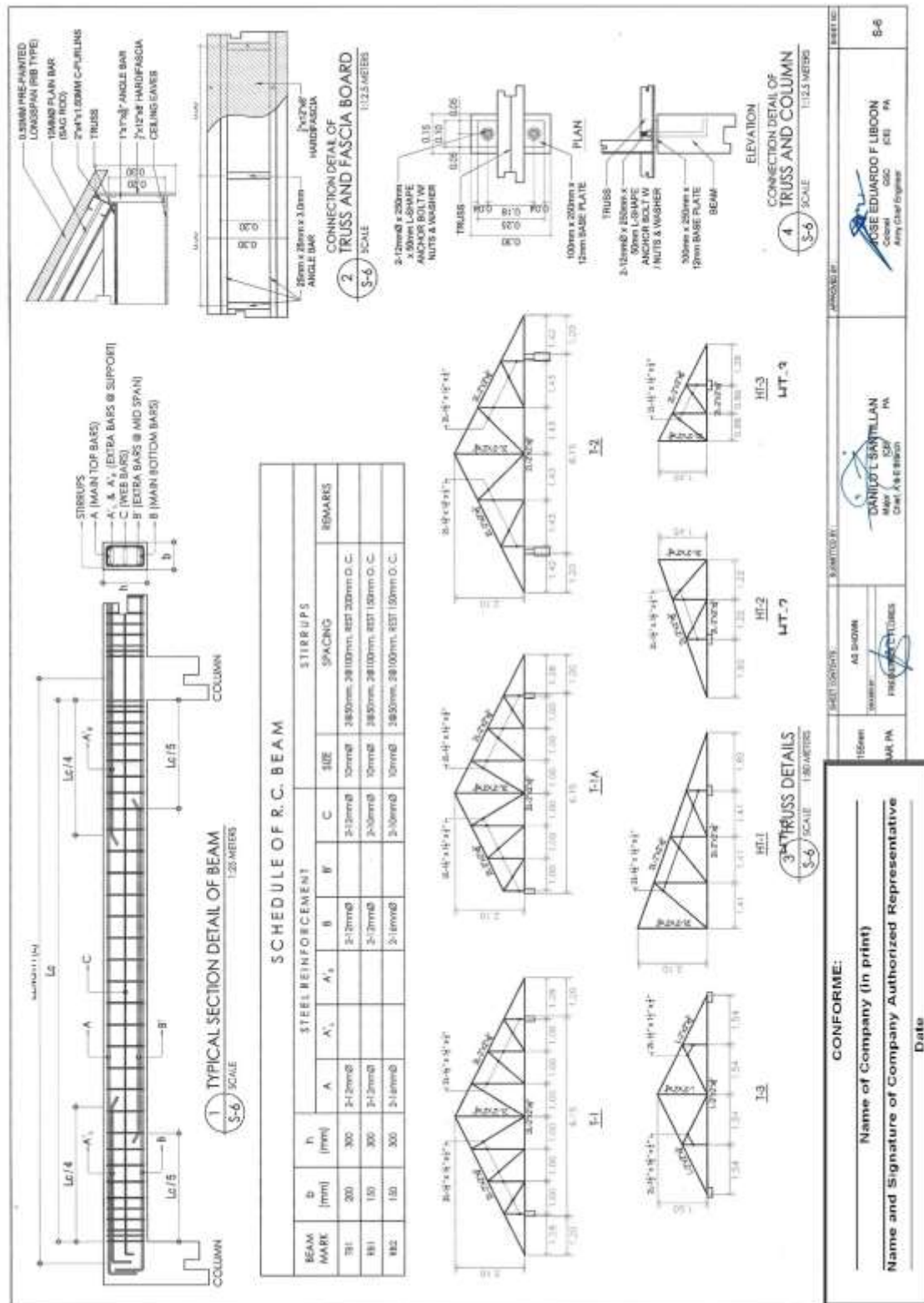
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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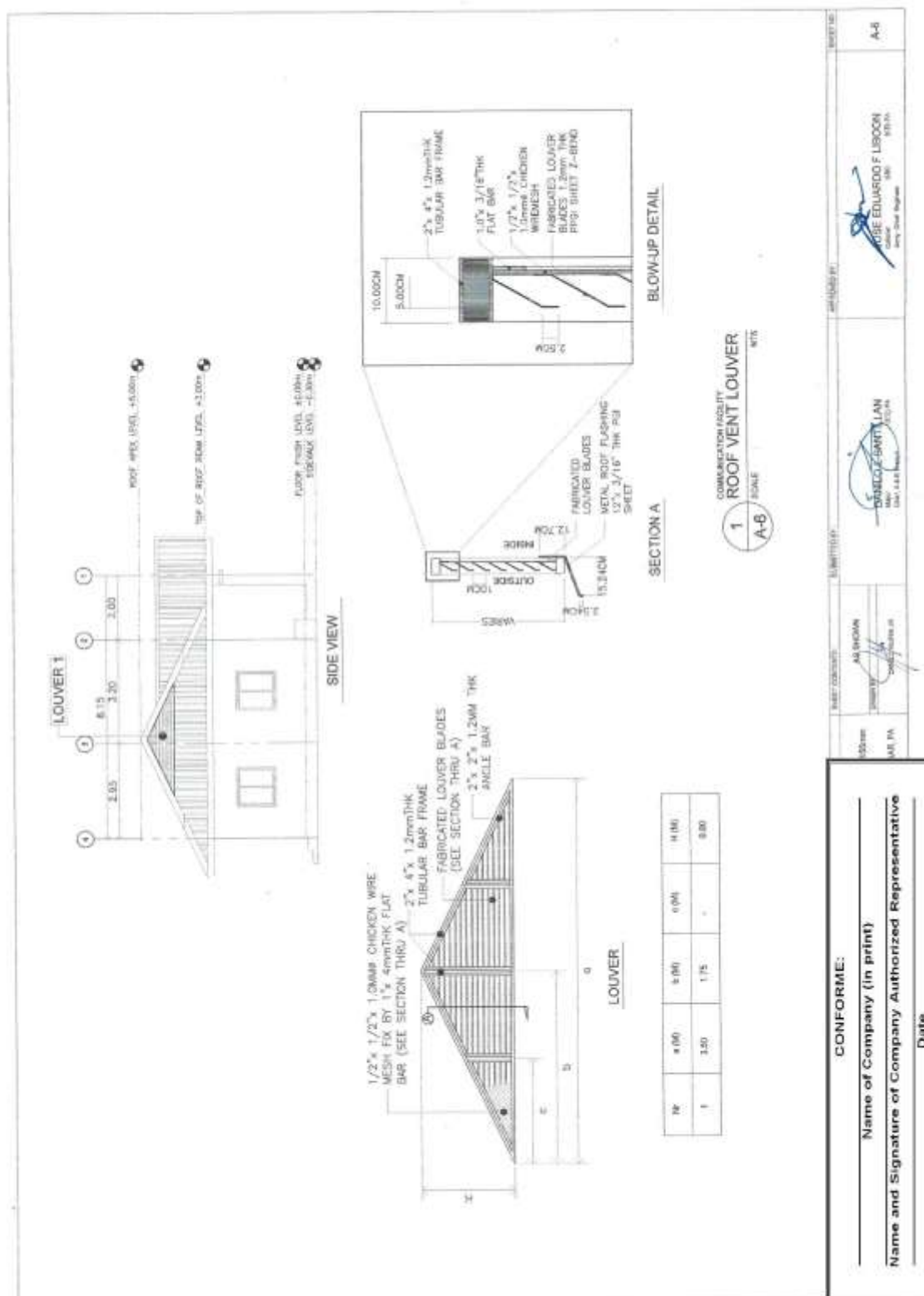
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**

GENERAL NOTES

- ALL SANITARY WORKS SHALL CONFORM WITH THE PREVALENT REQUIREMENTS OF LOCAL ORDINANCES AND NATIONAL LAWS.
- BEFORE THE DRAWINGS IN CONNECTION WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS, THE ARCHITECT AND THE CONTRACTOR SHALL CONSULT IMMEDIATELY OF ANY DISCREPANCIES FOUND THEREIN.
- THE CONTRACTOR SHALL INTERPRET THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF EXISTING PIPES AND STRUCTURES TO CONFORM WITH THE PROPOSED SANITARY UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REINFORCED FLOOR AND WALL OPENINGS.
- ALL PIPES SHALL BE INSTALLED AS INDICATED. ANY RELOCATION REQUIRED TO PROPER EXECUTION OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT AND THE ENGINEER.
- ALL SUPPLY PIPES COMING INTO THE BUILDING SHALL HAVE A MINIMUM OF 1% SLOPE.
- ALL FITTINGS SHALL BE WELDED, UNLESS OTHERWISE NOTED.
- ALL PIPES SIZES INDICATED ARE IN MILLIMETER (MM) DIAMETER, UNLESS OTHERWISE NOTED.
- ALL UNDERGROUND WATER PIPES SHALL BE COATED WITH A LAYER OF ASPHALT WITH SLOPE OF 1% WITH 30 CM PIPE EXTENSION AND CAPPED AT THE END.
- ALL WATER PIPES SHALL BE HYDROSTATICALLY TESTED TO PRESSURE OF 1034 KPA FOR TWO (2) HOURS.
- ALL WATER PIPES SHALL BE THOROUGHLY FLUSHED AND DISINFECTED.
- ALL SANITARY AND STORM DRAINAGE PIPES SHALL BE HYDROSTATICALLY TESTED TO ENSURE THAT THE SYSTEM IS WATER TIGHT.
- WORKMANSHIP: THE WORK THROUGHOUT, SHALL BE EXECUTED IN THE BEST AND THE MOST THOROUGH MANNER KNOWN TO TRADE AND TO THE SATISFACTION OF THE ARCHITECT AND THE ENGINEER RESPONSIBLE FOR SECURING THE PERMITS AND THE ENGINEER RESPONSIBLE FOR SECURING THE PERMITS AND LOCAL CONSTRUCTION AND OPERATION PERMITS AND PAYS ALL REQUIRED FEES.

LEGEND			
WC	WATER CLOSET	CV	CHECK VALVE
LAV	LAVATORY	PVC	POLYVINYL CHLORIDE
URN	URNAL	CO	CLEAN OUT
US	ITCHEN SINK	VP	VENT PIPE
SHO	SHOWER HEAD	VSTR	VENT STACK THRU-ROOF
WT	WATER FAUCET	SV	SEPTIC VALVE
FD	FLOOR DRAIN	CB	CATCH BASIN
WM	WATER METER	PPR	POLYPROPYLENE RANDOM COPOLYMER
GV	GATE VALVE		

CONFORME:

Name of Company (in print)
 Name and Signature of Company Authorized Representative

PLUMBING GENERAL NOTE AND SPECIFICATION

GENERAL PROVISION

1.01 SCOPE OF WORK

- UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR SHALL FURNISH ALL MATERIALS, TOOLS, EQUIPMENT, APPARATUS, ACCESSORIES, TRANSPORTATION, LABOR AND SUPERVISION REQUIRED FOR THE COMPLETE INSTALLATION AND TESTING OF PLUMBING SYSTEMS READY FOR USE IN ACCORDANCE WITH THE BEST PRACTICE OF PLUMBING TRADE AS USED HEREIN BUT NOT LIMITED TO THE FOLLOWING:
 - THE CONTRACTOR IS REQUIRED TO REFER TO ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, FIRE PROTECTION AND ELECTRICAL PLANS AND INVESTIGATE ALL POSSIBLE INTERFERENCE AND CONDITIONS AFFECTING HIS WORK.
 - ALL WORK SHALL COMPLY WITH THE PERTINENT PROVISIONS OF THE PLUMBING CODE OF THE CONCERNED CITY, THE CODE OF SANITATION OF THE PHILIPPINES AND/OR NATIONAL PLUMBING CODE OF THE PHILIPPINES.
 - TAPPING FROM EXISTING MAIN PIPE OF THE BUILDING DISTRIBUTION SYSTEM.
 - WATER SUPPLY AND DISTRIBUTION SYSTEM FOR THE BUILDING INCLUDING SUPPLY AND INSTALLATION OF WATER TANK AND PUMPS PIPING.
 - ALL BUILDING SANITARY DRAINS, WASTE AND VENTING SYSTEMS INCLUDING FLOOR DRAINS, A/C DRAINS.
 - SEWAGE COLLECTION AND DISPOSAL SYSTEM SUCH AS TAPPING TO THE EXISTING SEWAGE MAINHOLE/SEWER LINE.
 - BUILDINGS STORM DRAINAGE SYSTEM INCLUDING REAR PORCH, BALCONY, CANYON DRAINAGE AND PLUMBING DRAINAGE.
 - BUILDING STORM DRAIN AND COLLECTION SYSTEM INCLUDING PERIPHERAL COLLECTION LINE INTO STORM MAINHOLE OR SUMP PITS AND UP TO EXISTING STORM DRAINS.
 - TESTING FOR LEAKAGE OF ALL WATER SUPPLY AND DISTRIBUTION SYSTEM DRAINS, WASTE, SEWER AND VENTING SYSTEM PLUS PRESSURE TESTING AND CORRECTION OF THE WATER SUPPLY AND DISTRIBUTION SYSTEM.
 - TEST RUN OF TRANSFER, BOOSTER & SUMP PUMP AND OTHER EQUIPMENT UNDER PLUMBING WORKS.
 - SECURING OF ALL PERMITS AND LICENSES AS REQUIRED TO INCLUDE WATER CONNECTION.

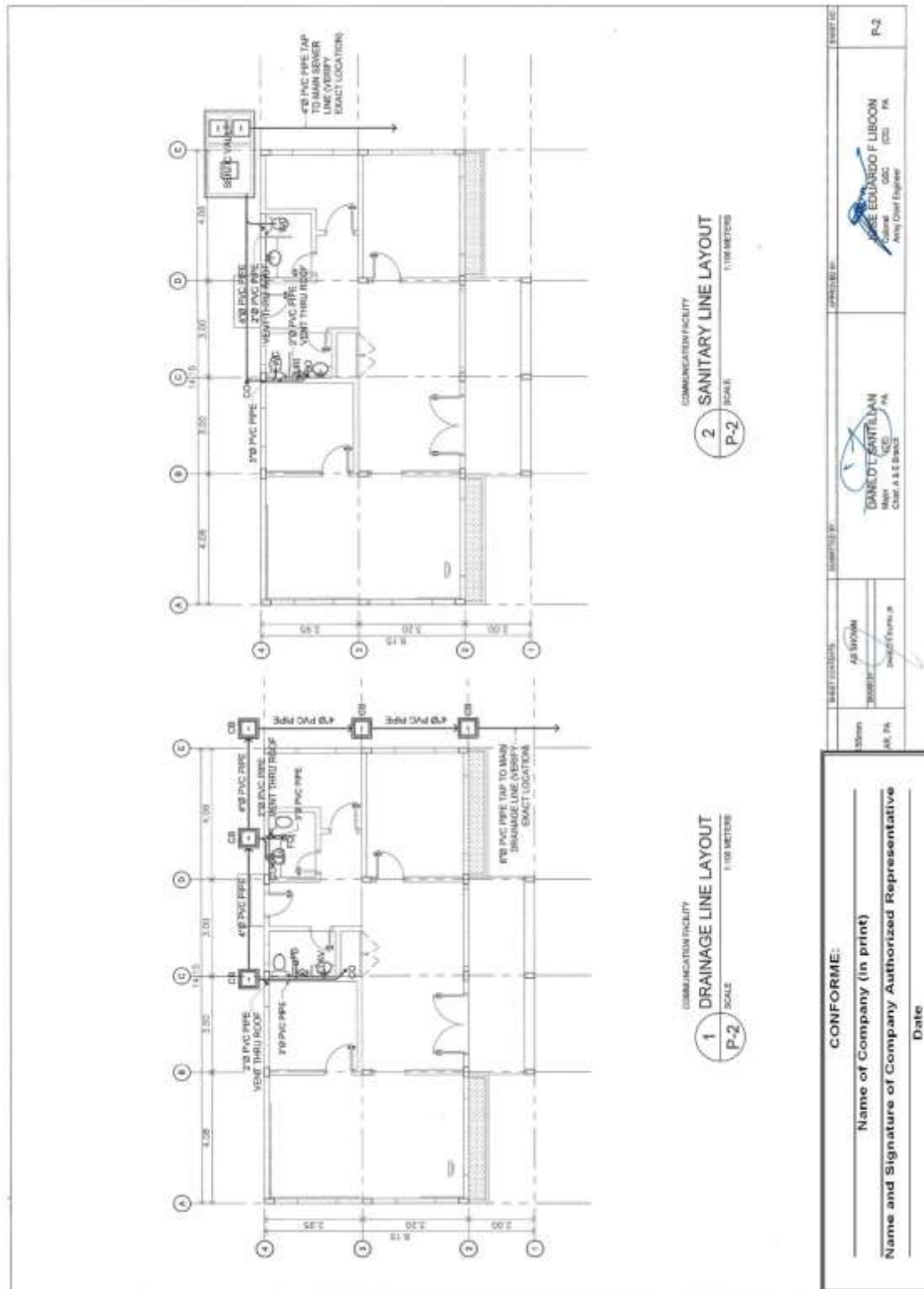
1.02 NOTES ON DRAWINGS

- THE DRAWING SHOW THE GENERAL ARRANGEMENT OF ALL PIPING. HOWEVER, WHERE LOCAL AND/OR ACTUAL CONDITIONS AT THE SITE REQUIRE A MODIFICATION OR ADDITION, THE CONTRACTOR SHALL PREPARE AND SUBMIT THE NEW ARRANGEMENT FOR THE ARCHITECT'S OR ENGINEER'S APPROVAL.
- SMALL SCALE DRAWING DO NOT POSSIBLY INDICATE ALL OFFSETS, FITTINGS AND OTHER PARTS OF THE SYSTEM INCLUDING THE JOINTS, ELBOWS, COUPLERS, TEES, VALVES, AND ACCESSORIES AS MAY BE REQUIRED TO MEET SUCH CONDITIONS.

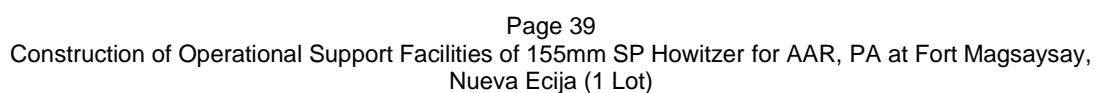
DATE: 10/10/2023
 PREPARED BY: DANLOL SANTILAN
 CHECKED BY: ROSE EDUARDO LIBON
 DESIGNED BY: ROSE EDUARDO LIBON
 PROJECT: Any Civil Engineer

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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

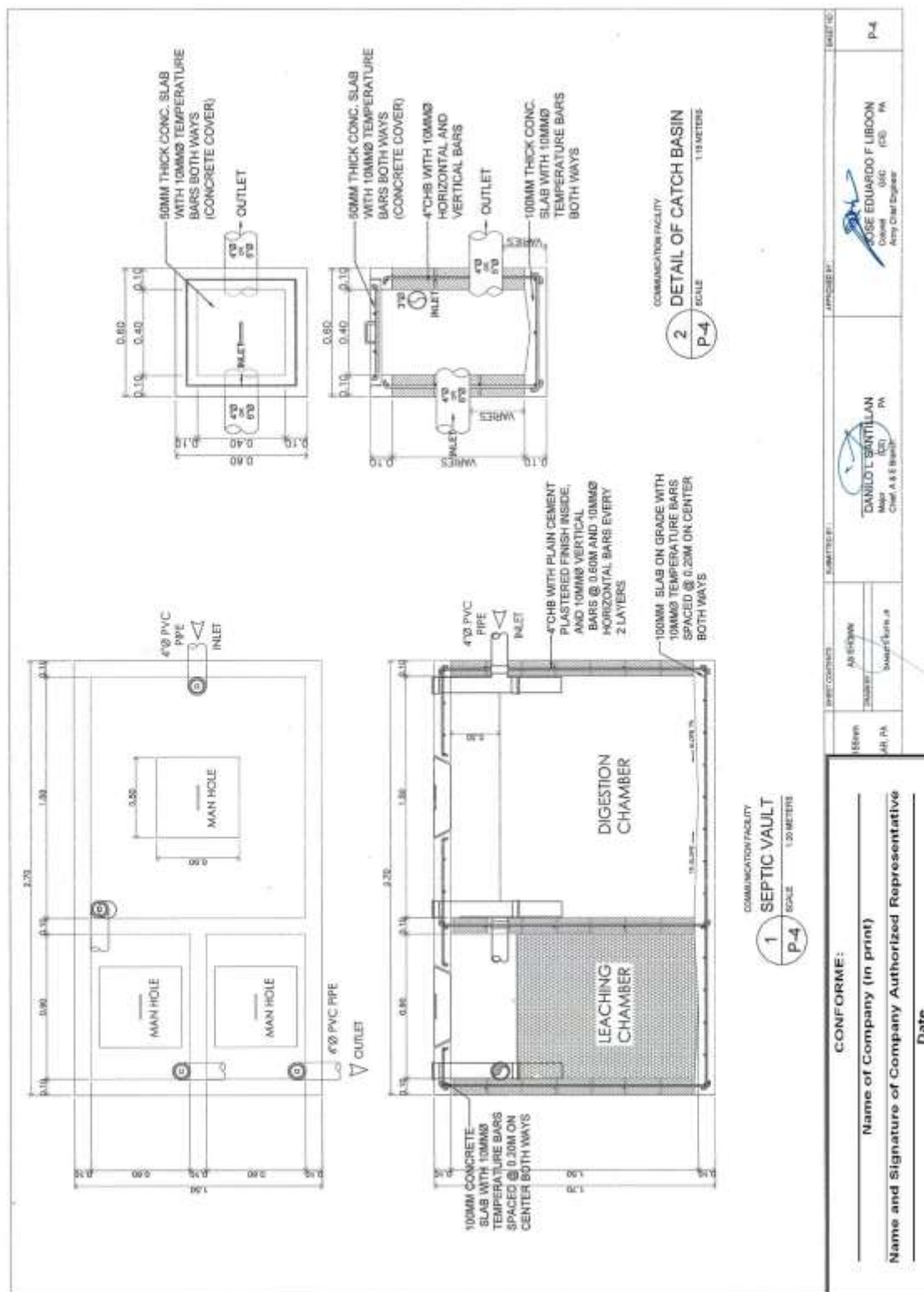


**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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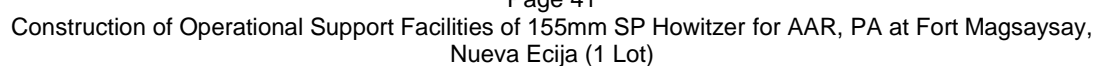


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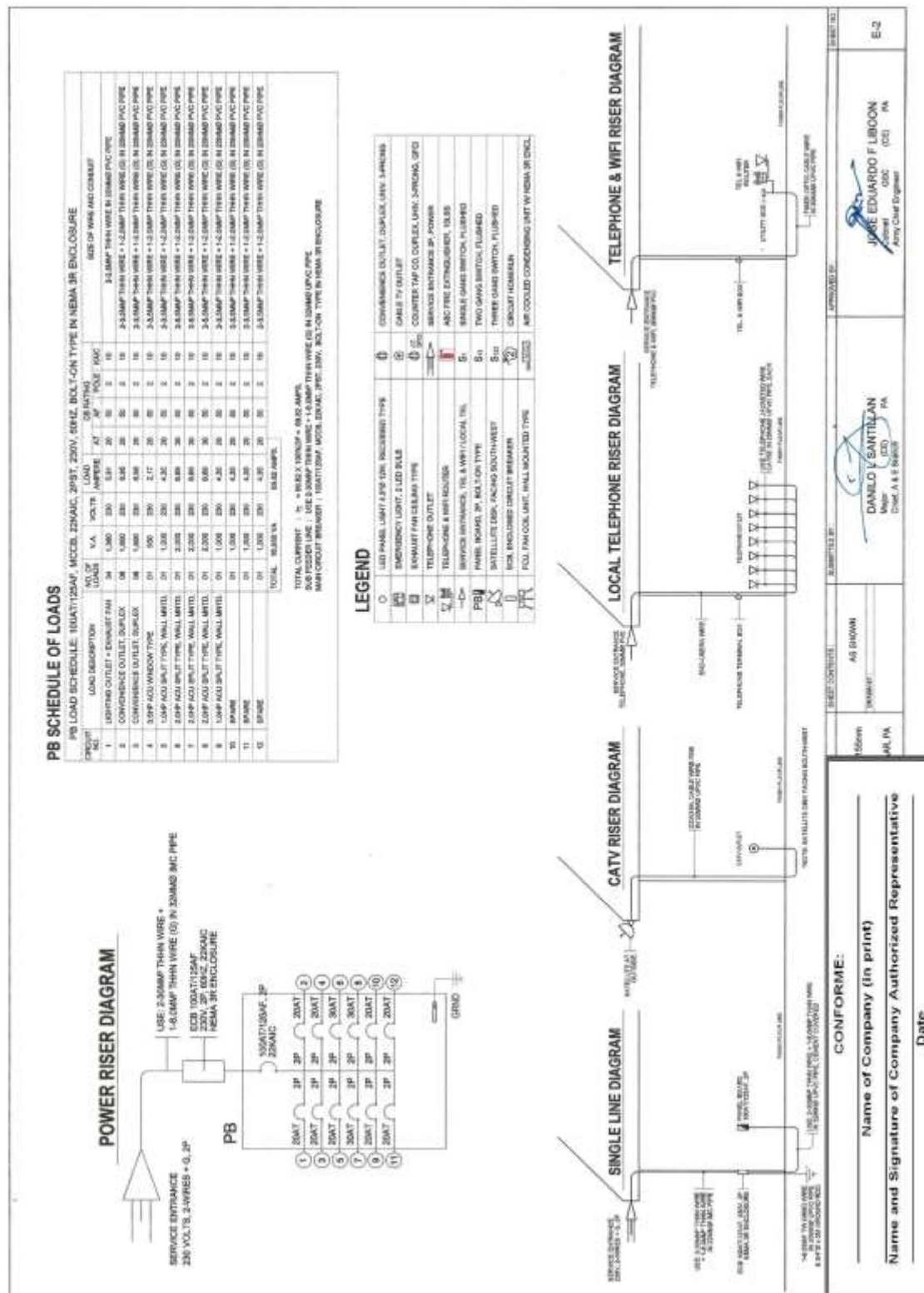


**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG’G PABAC3 019-23**



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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



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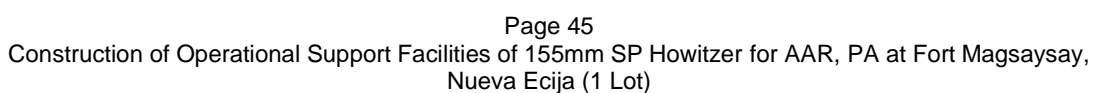
**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**

	1 PERSPECTIVE A-1 NOT TO SCALE	 <p>THIS SITE 155mm HOWITZER SUPPORT FACILITIES</p>	2 VICINITY MAP A-1 NOT TO SCALE	 <p>THIS SITE EP BARRACKS</p>	3 LOCATION MAP A-1 SCALE 1:2500 METERS		4 SITE LOCATION PLAN A-1 SCALE 1:500 METERS	<table border="1"> <tr> <td colspan="2"> CONFORME: Name of Company (in print) _____ Name and Signature of Company Authorized Representative _____ Date _____ </td> </tr> <tr> <td> SHEET COPIES: AS SHOWN REVISIONS: REVISION 1: 10/10/2023 FOR: 155mm SP Howitzer Support Facilities </td> <td> SUBMITTED BY: DANILLO SANTILLAN CHECKED BY: FRANCIS HONORATO APPROVED BY: ROMEO Z. DAWNER JR. DATE: 10/10/2023 </td> </tr> </table>	CONFORME: Name of Company (in print) _____ Name and Signature of Company Authorized Representative _____ Date _____		SHEET COPIES: AS SHOWN REVISIONS: REVISION 1: 10/10/2023 FOR: 155mm SP Howitzer Support Facilities	SUBMITTED BY: DANILLO SANTILLAN CHECKED BY: FRANCIS HONORATO APPROVED BY: ROMEO Z. DAWNER JR. DATE: 10/10/2023
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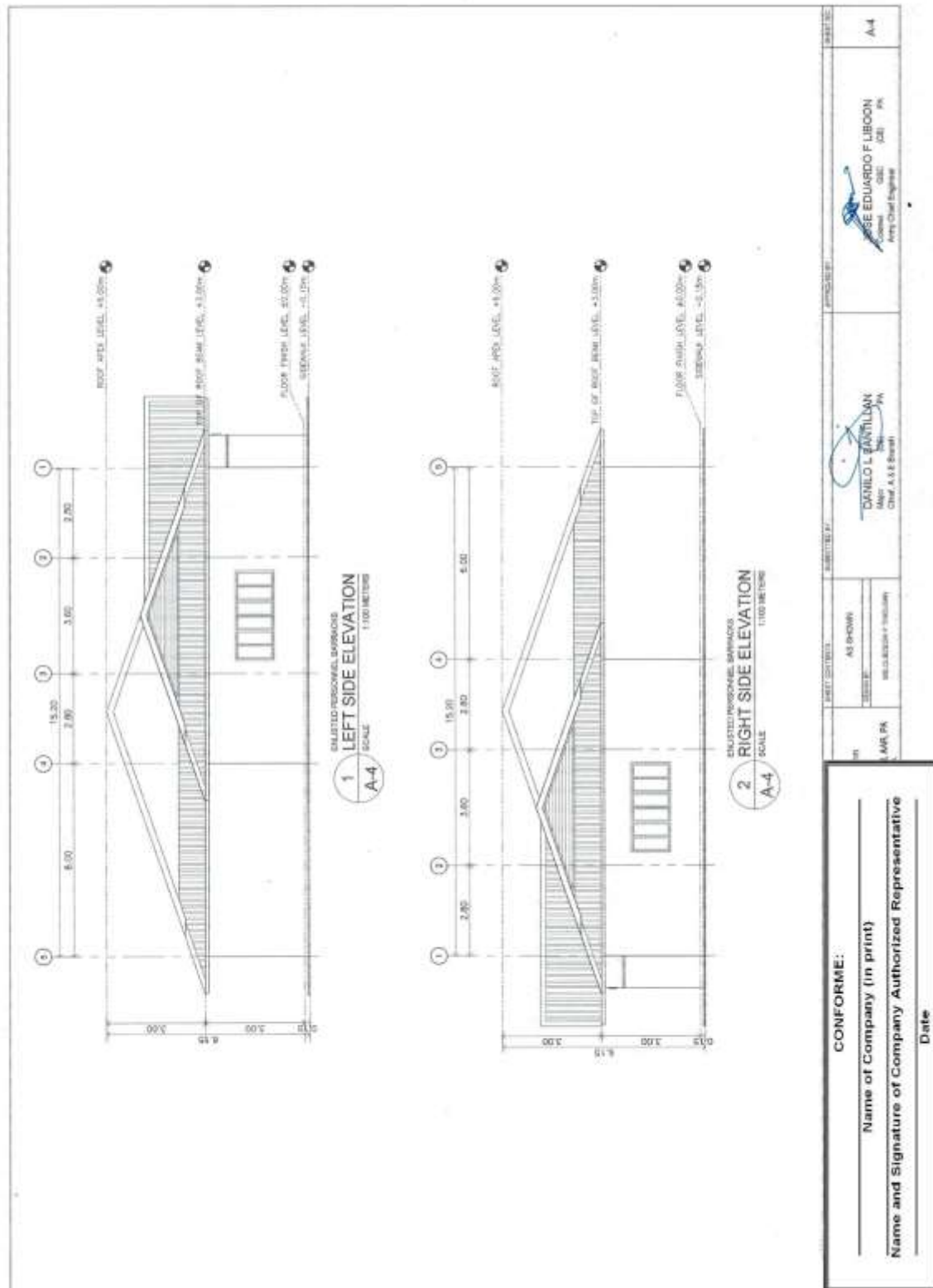


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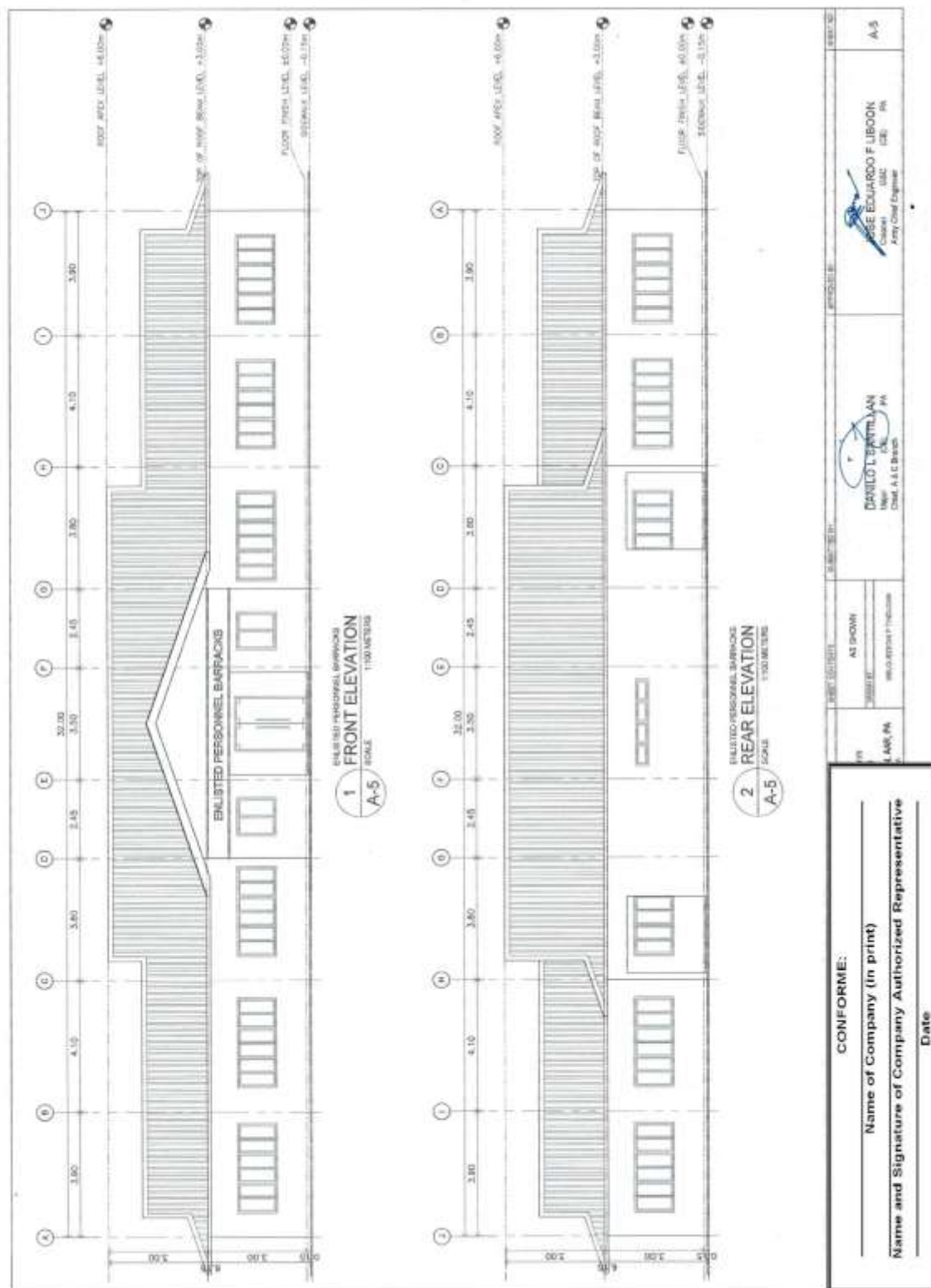
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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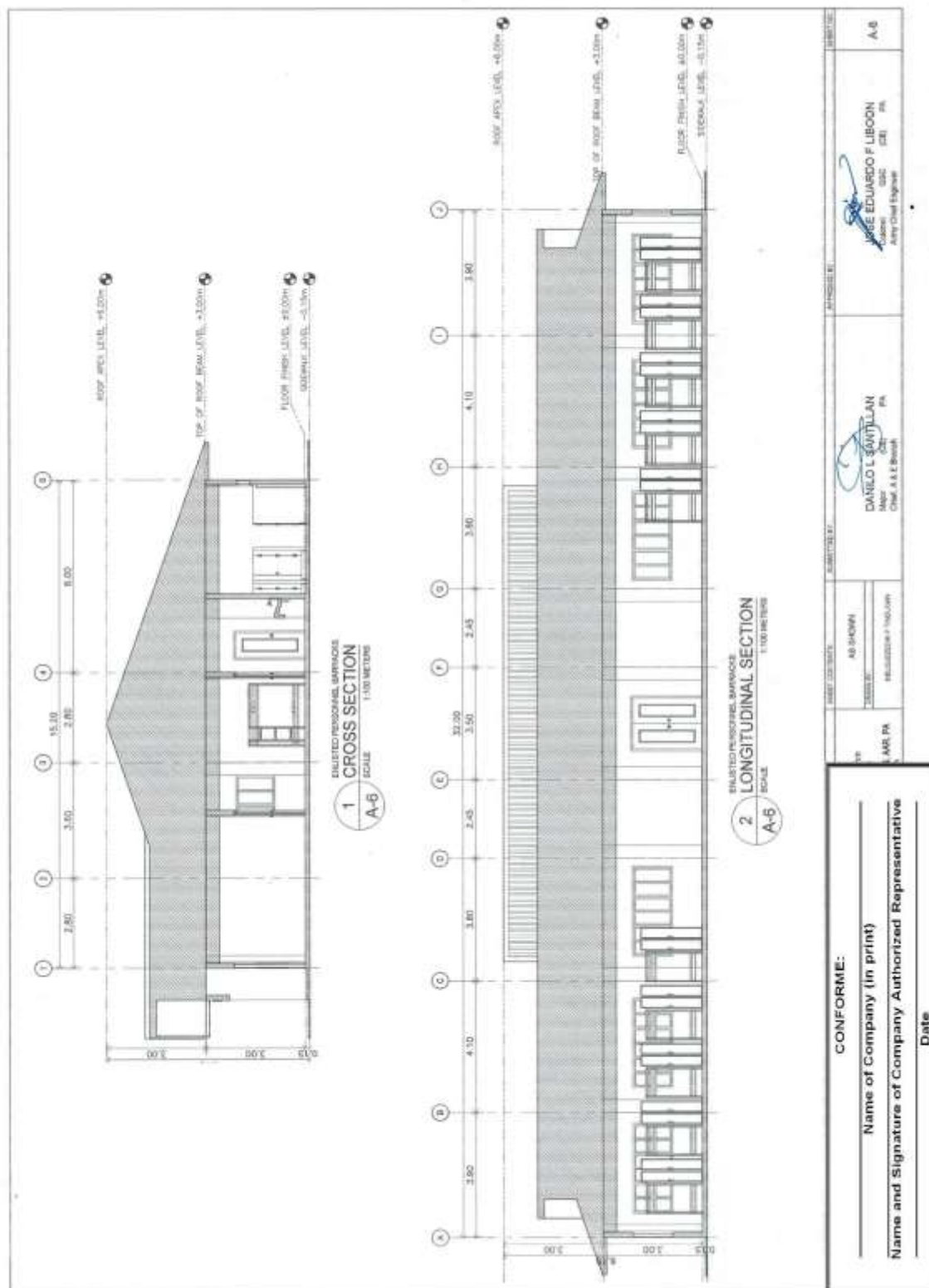
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**

<p>1 SET</p> <p>1 SET</p> <p>3 SETS</p>	<p>1 SCHEDULE OF DOORS</p> <p>SCALE: 1:30 METERS</p> <p>2 SCHEDULE OF WINDOWS</p> <p>SCALE: 1:30 METERS</p>	<p>CONFORME:</p> <p>_____ Name of Company (in print)</p> <p>_____ Name and Signature of Company Authorized Representative</p> <p>_____ Date</p>
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

GENERAL NOTES		TYPICAL BAR BENDING AND CUTTING DETAILS FOR SLABS																																							
<p>1. IN THE INTERPRETATION OF THE DRAWING, INDICATED DIMENSIONS SHALL GOVERN AND DISTANCES AND SPACES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES.</p> <p>2. IN REFERENCE TO OTHER DRAWINGS, SEE ARCHITECTURAL DRAWINGS FOR DEPRESSIONS IN FLOOR SLABS, OPENINGS IN THE WALLS AND SLABS, INTERIOR PARTITIONS, LOCATION OF DOORS, ETC.</p> <p>3. IN CASE OF DISCREPANCIES AS TO THE LAYOUT, DIMENSIONS, AND ELEVATIONS BETWEEN THE STRUCTURAL, PLUMB AND ARCHITECTURAL DRAWINGS, THE CONTRACTOR SHALL NOTIFY BOTH THE STRUCTURAL ENGINEER AND THE ARCHITECT.</p> <p>4. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE ACI 318 - 90, BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND ALL STRUCTURAL STEEL WORK ACCORDING WITH AISC SPECIFICATION (9TH EDITION) IN SO FAR AS THEY DO NOT CONFLICT WITH THE LOCAL BUILDING CODE REQUIREMENT.</p> <p>5. ACI REFERS TO AMERICAN CONCRETE INSTITUTE, AISC TO AMERICAN INSTITUTE OF STEEL, CONSTRUCTION AND ASTM TO AMERICAN SOCIETY FOR TESTING MATERIALS.</p> <p>6. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.</p> <p>7. SHOP DRAWINGS WITH TIE-RODS AND PLACING DIAGRAMS OF ALL STRUCTURAL STEELS, MISCELLANEOUS IRON, PRE-CAST CONCRETE, ETC. SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL BEFORE FABRICATION.</p> <p>8. CONTRACTOR SHALL NOTE AND PROVIDE ALL UNDEVELOPED CURBS, BILLS, POOLS, EQUIPMENT'S AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS.</p> <p>9. ALL RESULTS OF MATERIAL TESTING FOR CONCRETE, REINFORCING BARS, & STRUCTURAL STEEL MUST BE NOTED & APPROVED BY THE STRUCTURAL DESIGNER.</p>	<p>5. ALL ANCHOR BOLTS, DOWELS, AND OTHER INSERTS, SHALL BE PROPERLY POSITIONED & SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.</p> <p>6. ALL CONCRETE SHALL BE KEPT MOIST FOR A MINIMUM OF SEVEN CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP, FOG SPRAYING, CURING COMPOUNDS OR OTHER APPROVED METHODS.</p> <p>7. STRIPPING OF FORMS AND SHORERS:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>FOUNDATION</th> <th>24 HRS</th> </tr> <tr> <th>SUSPENDED SLAB</th> <th>14 DAYS</th> </tr> <tr> <th>WALLS</th> <th>21 DAYS</th> </tr> <tr> <th>BEAMS</th> <th>14 DAYS</th> </tr> <tr> <th>COLUMNS</th> <th>21 DAYS</th> </tr> </table> <p>8. THE CONTRACTOR SHALL SUBMIT THE SCHEDULE OF POURING AND THE LOCATION OF THE CONSTRUCTION JOINTS TO THE STRUCTURAL ENGINEER AT LEAST (4) DAYS PRIOR TO THE POURING FOR APPROVAL.</p> <p>9. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ADEQUATE FORMS AND SHORING UNTIL THE CONCRETE MEMBERS HAVE ATTAINED THEIR WORKING CONDITION AND STRENGTH.</p>	FOUNDATION	24 HRS	SUSPENDED SLAB	14 DAYS	WALLS	21 DAYS	BEAMS	14 DAYS	COLUMNS	21 DAYS																														
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<p>NOTES ON FOOTINGS</p> <p>1. FOOTING SHALL REST AT LEAST 150mm BELOW NATURAL GRADE LINE (UNLESS OTHERWISE INDICATED IN PLANS. NO FOOTING SHALL REST ON FILL).</p> <p>2. MINIMUM CONCRETE PROTECTION FOR REINFORCEMENTS SHALL BE 75mm CLEAR FOR CONCRETE DEPOSITED ON THE GROUND AND 50mm FOR CONCRETE DEPOSITED AGAINST A FORMWORK.</p>		<p>SCHEDULE OF MINIMUM SLAB REINFORCEMENT</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>THICKNESS</th> <th>MINIMUM REINFORCEMENT BARS</th> </tr> </thead> <tbody> <tr> <td>100 mm</td> <td>10 mm ϕ 250mm EACH WAY</td> </tr> <tr> <td>125 mm</td> <td>10 mm ϕ 250mm EACH WAY</td> </tr> <tr> <td>150 mm</td> <td>10 mm ϕ 250mm EACH WAY</td> </tr> <tr> <td>175 mm</td> <td>10 mm ϕ 250mm EACH WAY</td> </tr> <tr> <td>200 mm</td> <td>10 mm ϕ 250mm EACH WAY</td> </tr> </tbody> </table>		THICKNESS	MINIMUM REINFORCEMENT BARS	100 mm	10 mm ϕ 250mm EACH WAY	125 mm	10 mm ϕ 250mm EACH WAY	150 mm	10 mm ϕ 250mm EACH WAY	175 mm	10 mm ϕ 250mm EACH WAY	200 mm	10 mm ϕ 250mm EACH WAY																										
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<p>NOTES ON REINFORCEMENT</p> <p>1. UNLESS OTHERWISE NOTED IN PLANS, THE YIELD STRENGTH OF REINFORCING BARS SHALL BE:</p> <p>A. FOOTINGS, FOOTING BEAMS AND COLUMNS $f_y = 277.5 \text{ MPa}$ (33,000 psi)</p> <p>B. COLUMNS AND SHEAR WALLS $f_y = 277.5 \text{ MPa}$ (33,000 psi)</p> <p>C. BEAMS AND CORNER WALL PARTITIONS, BEDED SLABS, FLOORS & ROOF SLABS $f_y = 277.5 \text{ MPa}$ (33,000 psi)</p> <p>D. REINFORCING BARS SIZE 10mm OR LARGER SHALL BE DEFORMED IN ACCORDANCE WITH ASTM A 700. BARS SMALLER THAN 10mm MAY BE PLAIN.</p> <p>2. SPICES SHALL BE SECURELY WIRE TOGETHER & SHALL LAP OR EXTEND IN ACCORDANCE W/ TABLE A & TABLE B (TABLE OF LAP SPICE & ANCHORAGE LENGTH) UNLESS OTHERWISE SHOWN ON DRAWINGS. SPICES SHALL BE STAGGERED WHENEVER POSSIBLE.</p>		<p>NOTES ON CONCRETE SLABS</p> <p>1. ALL SLAB REINFORCEMENTS SHALL BE 20mm CLEAR MINIMUM FROM BOTTOM AND FROM THE TOP OF SLAB.</p> <p>2. UNLESS OTHERWISE SHOWN, REINFORCEMENT IN CONTINUOUS ELEVATED SLAB SHALL BE CUT AS FOLLOWS:</p>																																							
<p>NOTES ON CONCRETE MIXES & PLACING</p> <p>1. ALL CONCRETE SHALL DEVELOP A MIN. COMPRESSIVE STRENGTH AT THE END OF THIRTY (30) DAYS W/ CORRESPONDING MAXIMUM SIZE AGGREGATE & SLUMPS AS FOLLOWS:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>LOCATION</th> <th>28 DAYS STRENGTH</th> <th>MAX. SIZE OF AGGREGATE</th> <th>MAX. SLUMP</th> </tr> </thead> <tbody> <tr> <td>SUSPENDED SLABS</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> <tr> <td>WALLS ABOVE GRADE</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> <tr> <td>BEAM STRIPS AND COLUMNS</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> <tr> <td>CONCRETE IS EXPOSED TO WEATHER</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> <tr> <td>WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> </tbody> </table> <p>2. MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REINFORCING STEEL</th> <th>COVER</th> </tr> </thead> <tbody> <tr> <td>SUSPENDED SLABS</td> <td>20mm</td> </tr> <tr> <td>SLAB ON GRADE</td> <td>20mm</td> </tr> <tr> <td>WALLS ABOVE GRADE</td> <td>20mm</td> </tr> <tr> <td>BEAM STRIPS AND COLUMNS</td> <td>20mm</td> </tr> <tr> <td>CONCRETE IS EXPOSED TO WEATHER</td> <td>20mm</td> </tr> <tr> <td>WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH</td> <td>20mm</td> </tr> </tbody> </table> <p>3. CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION. RE-HAND LING OR PLACING SHALL BE DONE IMMEDIATELY WITHIN FIVE MINUTES. BUCKETS OR ANCHORS TO BUCKETS, WHEELBARROWS OR BUCKETS IN WHICH CASE THEY SHALL NOT EXCEED SIX (6) METERS IN AGGREGATE LENGTH.</p> <p>4. NO DEPOSITING OF CONCRETE SHALL BE ALLOWED WITHOUT THE USE OF VIBRATORS. UNLESS AUTHORIZED IN WRITING BY THE DESIGNER, HAND ONLY FOR UNUSUAL CONDITIONS WHERE VIBRATORS ARE EXTREMELY DIFFICULT TO ACCOMPLISH.</p>		LOCATION	28 DAYS STRENGTH	MAX. SIZE OF AGGREGATE	MAX. SLUMP	SUSPENDED SLABS	3000 PSI (20.70 MPa)	20mm	100mm	WALLS ABOVE GRADE	3000 PSI (20.70 MPa)	20mm	100mm	BEAM STRIPS AND COLUMNS	3000 PSI (20.70 MPa)	20mm	100mm	CONCRETE IS EXPOSED TO WEATHER	3000 PSI (20.70 MPa)	20mm	100mm	WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	3000 PSI (20.70 MPa)	20mm	100mm	REINFORCING STEEL	COVER	SUSPENDED SLABS	20mm	SLAB ON GRADE	20mm	WALLS ABOVE GRADE	20mm	BEAM STRIPS AND COLUMNS	20mm	CONCRETE IS EXPOSED TO WEATHER	20mm	WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	20mm	<p>TYPICAL CORNER SLAB DETAIL</p>	
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CONFORME:

Name of Company (in print) _____

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Date _____

APPROVED BY: _____

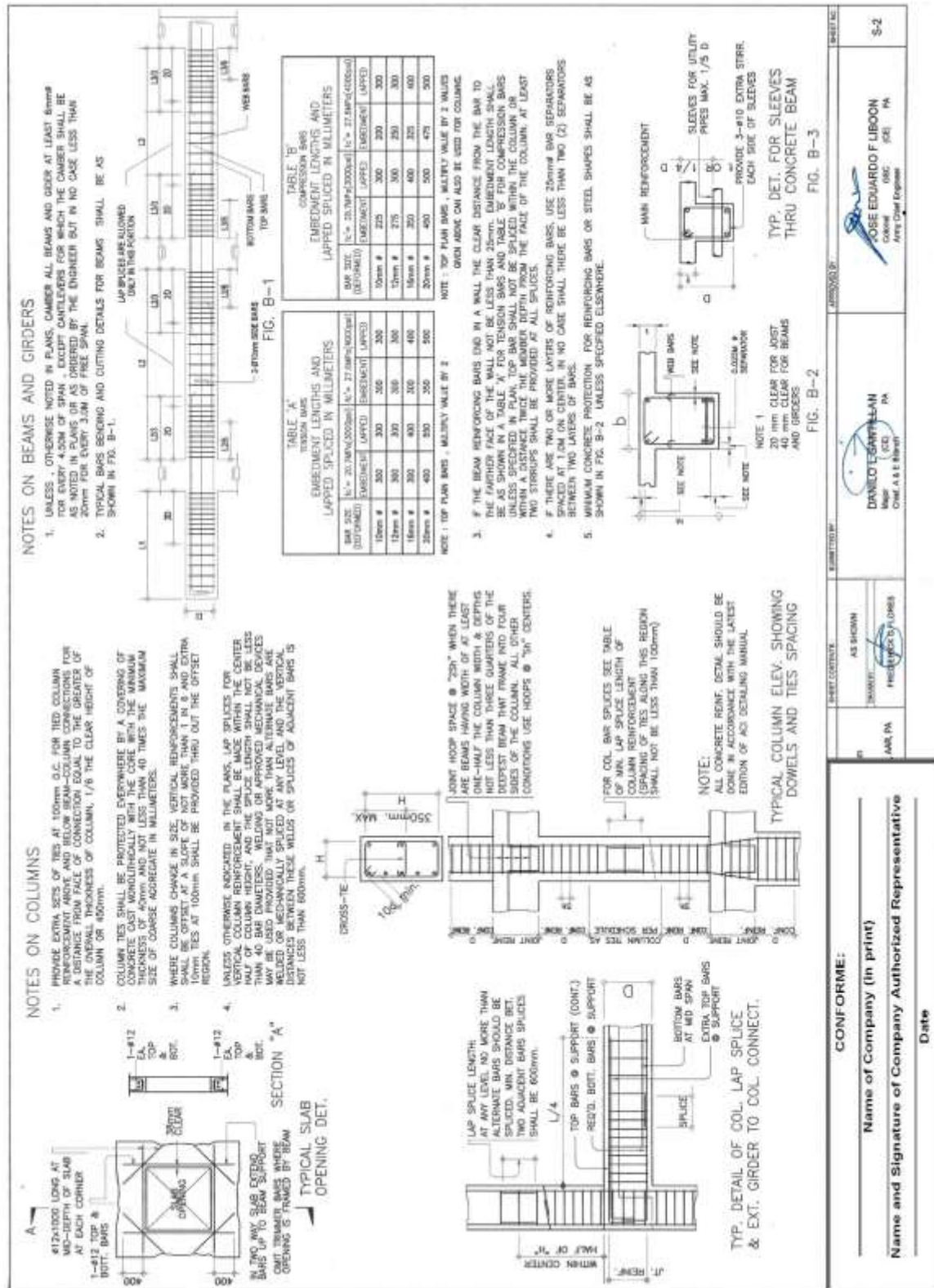
DATE: _____

JOSE EDUARDO F. LEBON
Civil Engineer
Professional No. 1000

DANILO L. SANTILLAN
Civil Engineer
Professional No. 1000

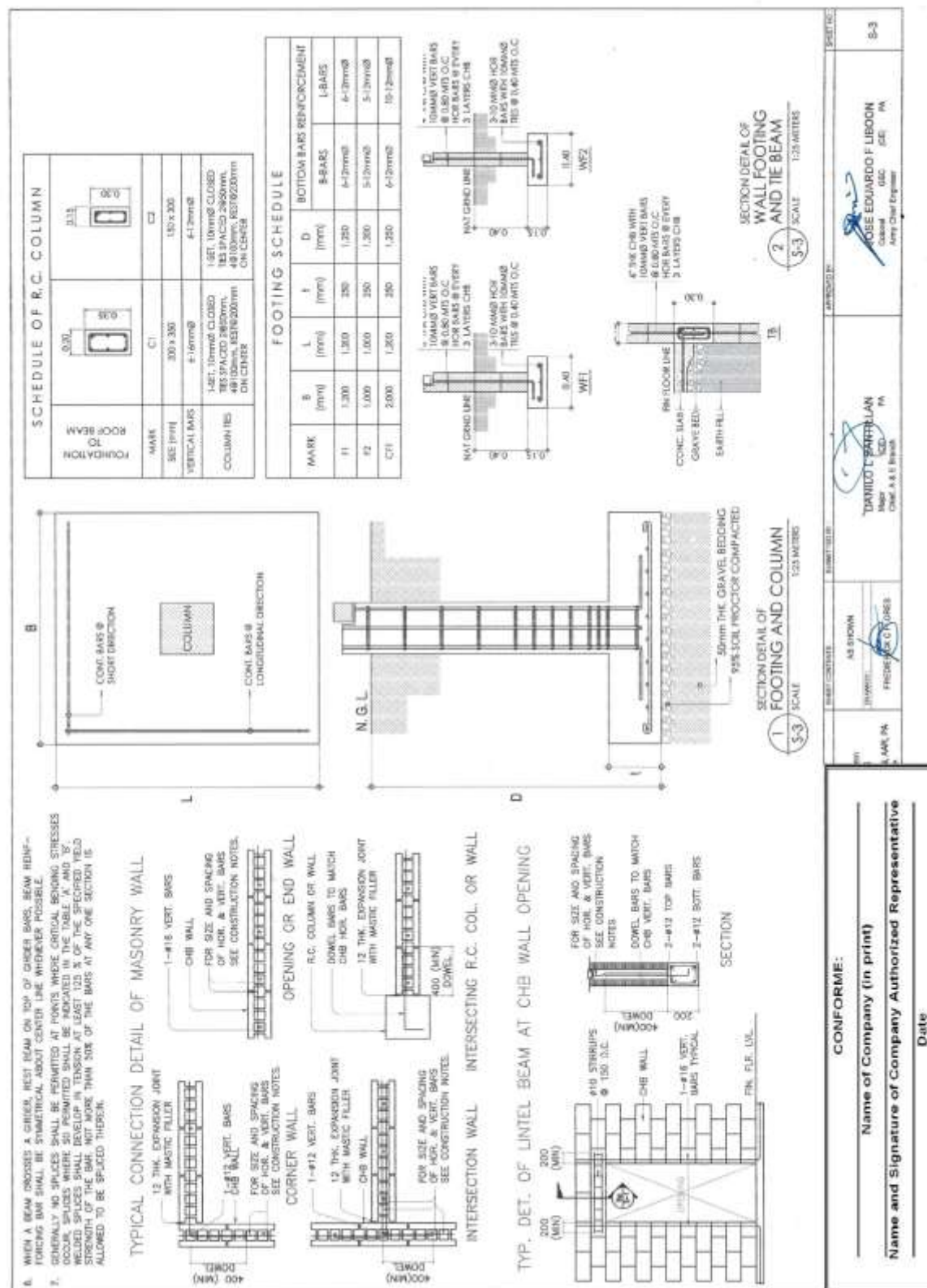
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



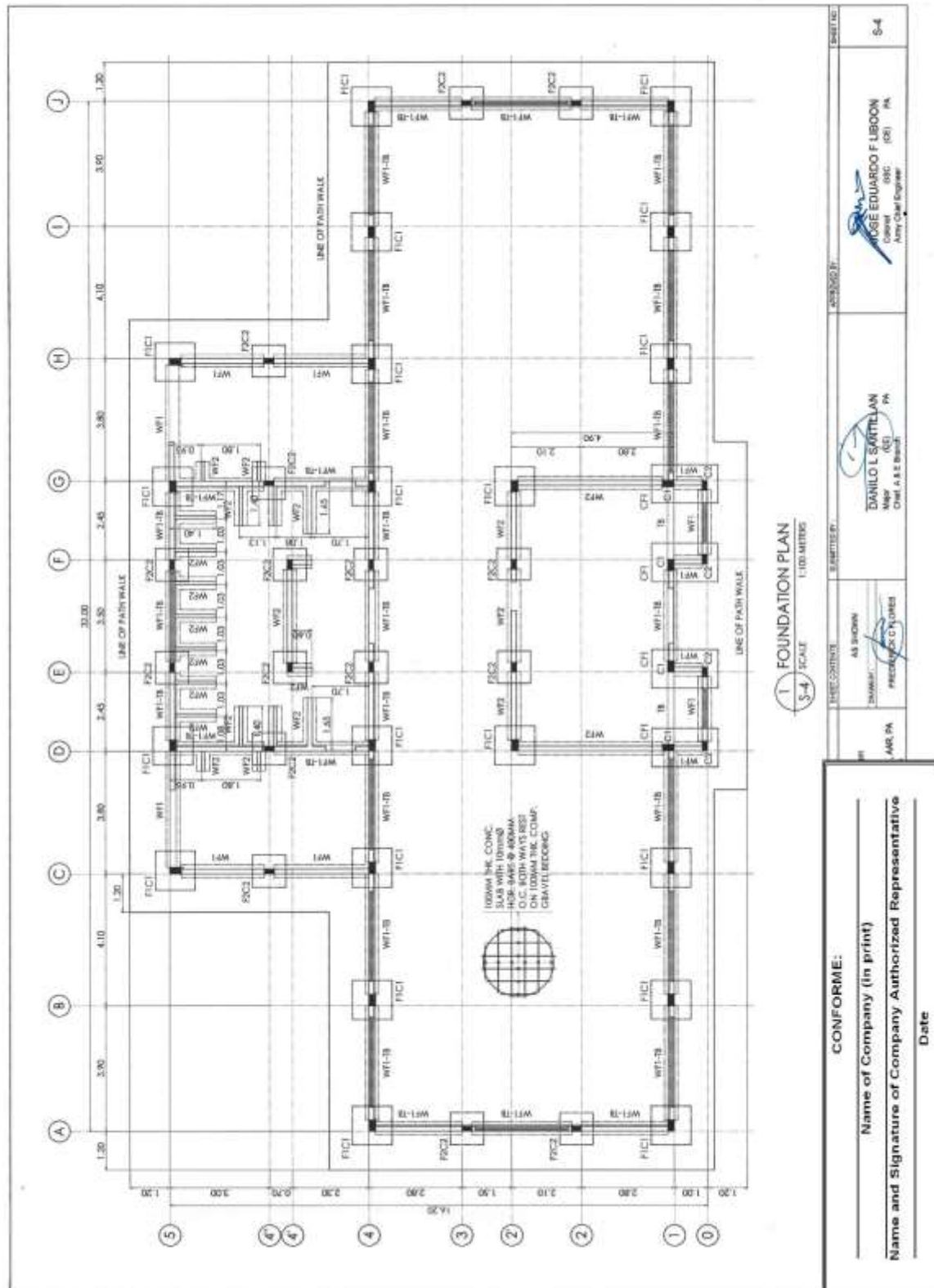
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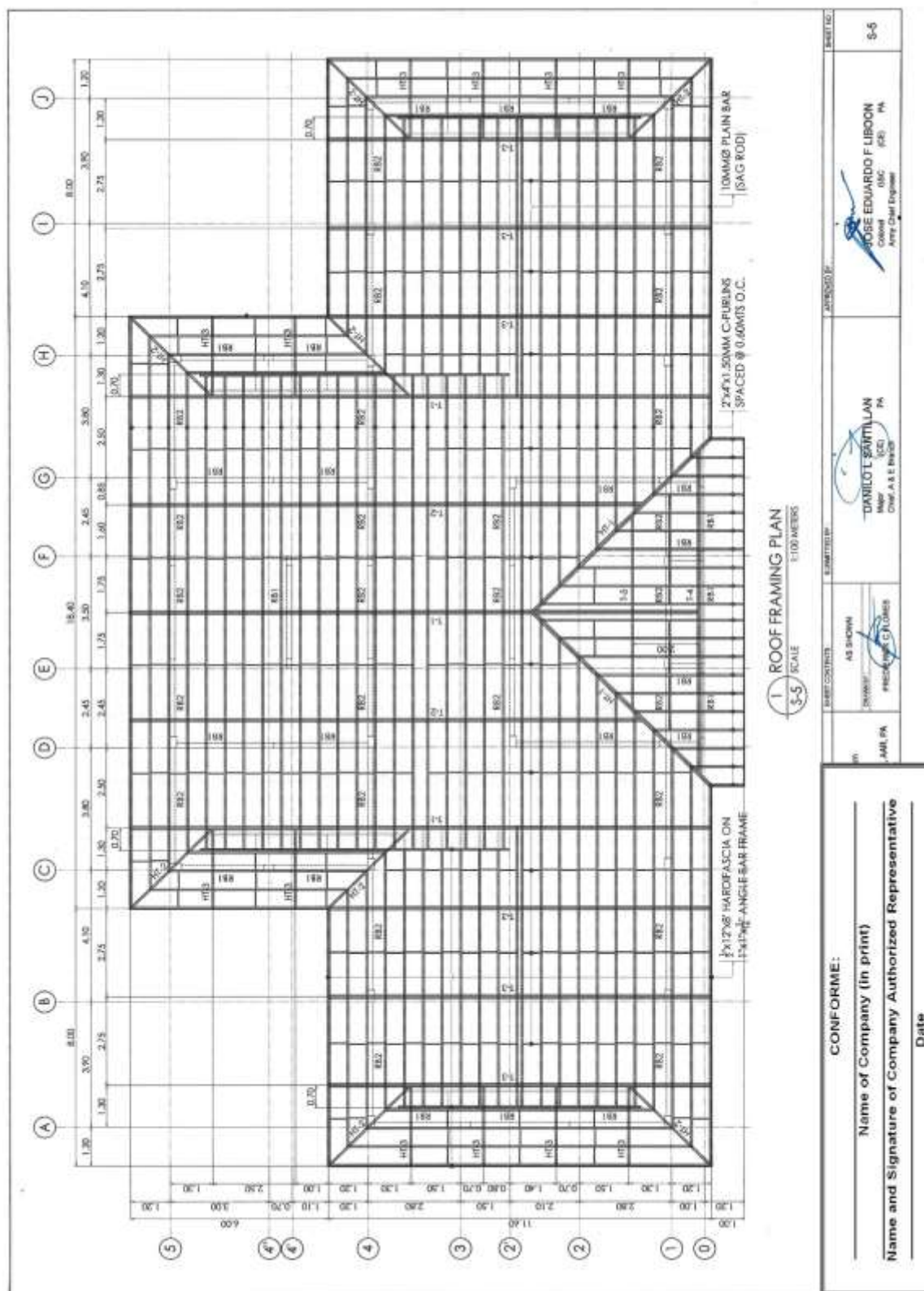
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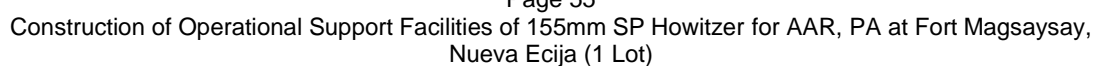


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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

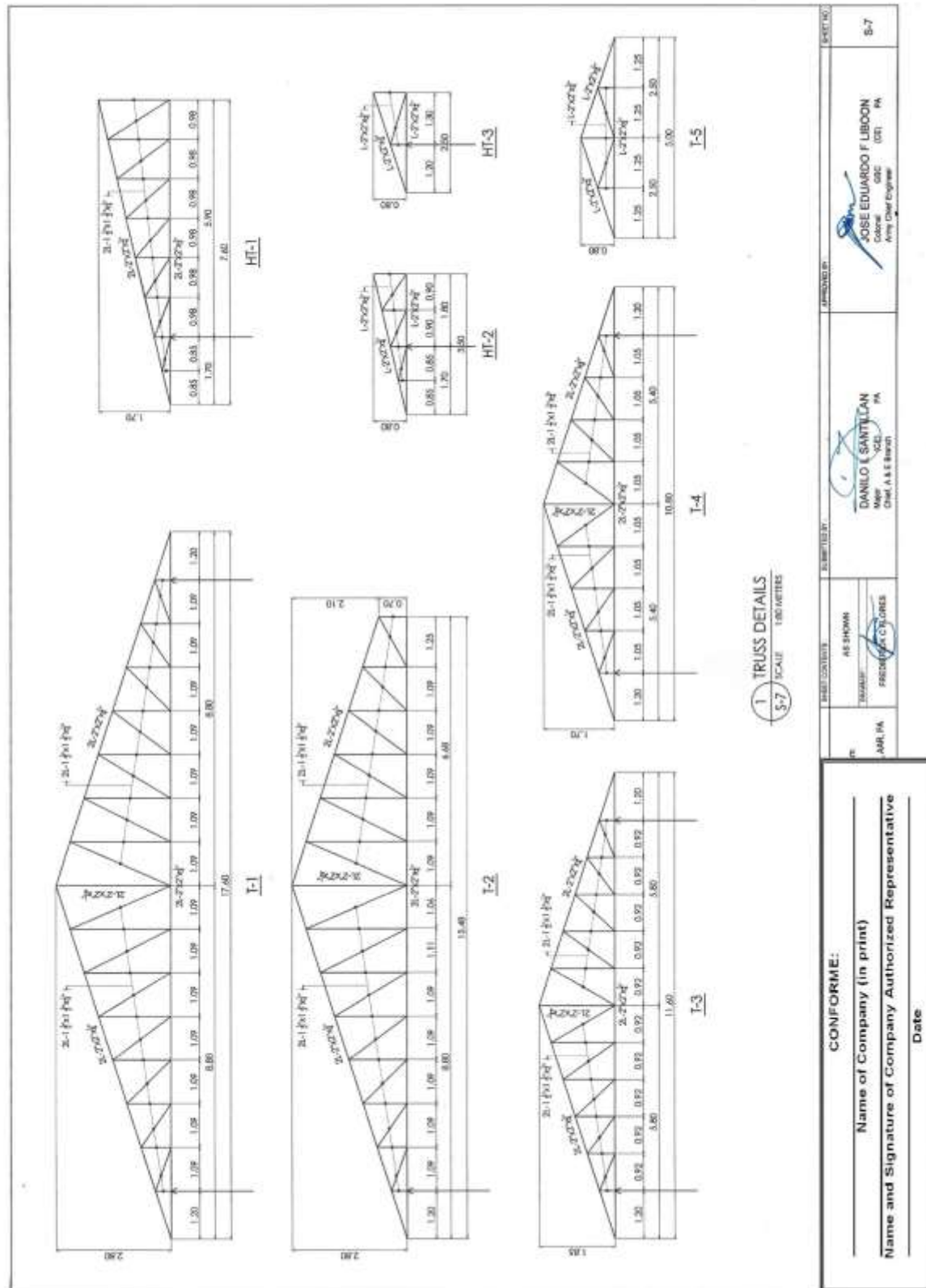


**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG’G PABAC3 019-23**



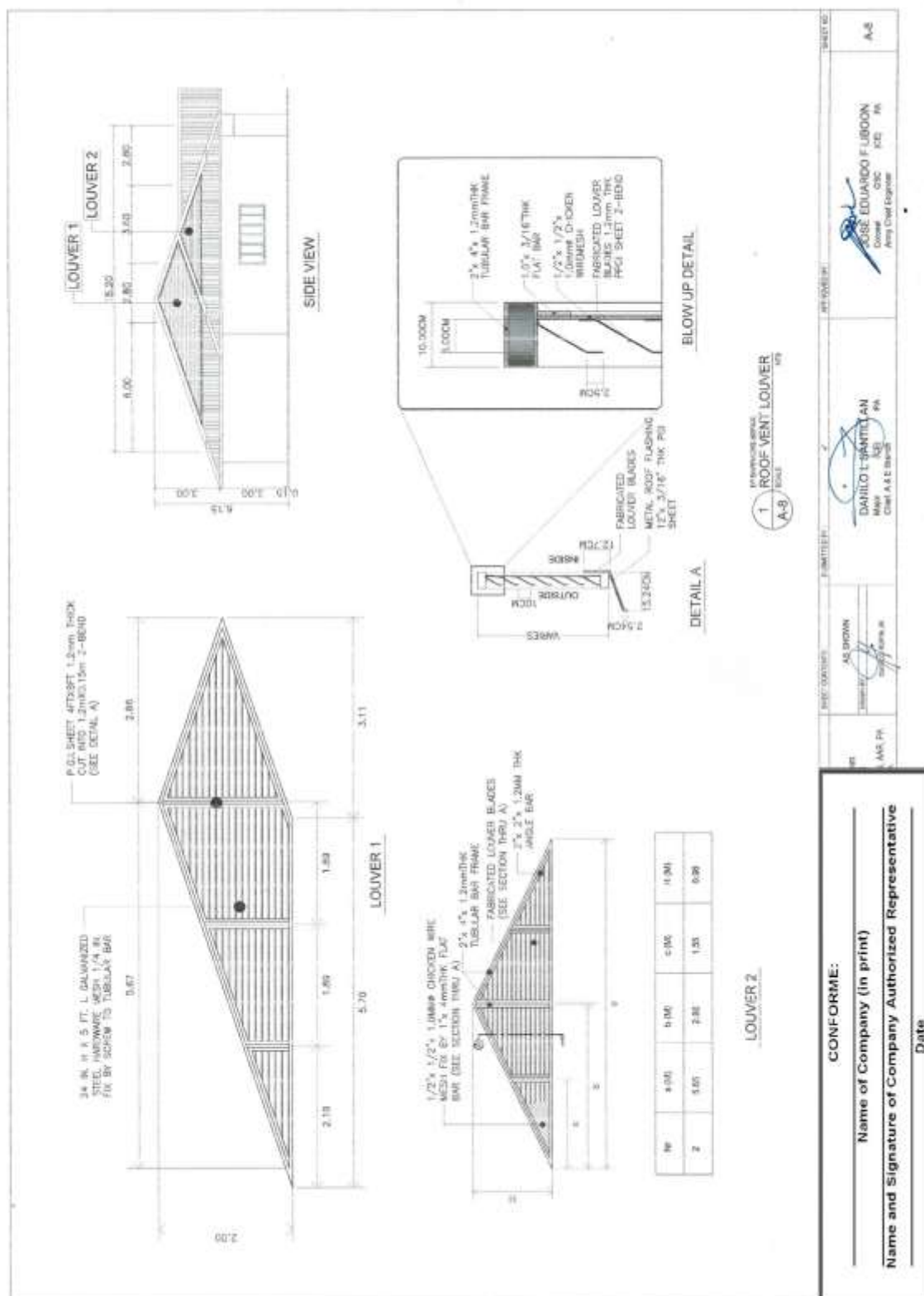
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**



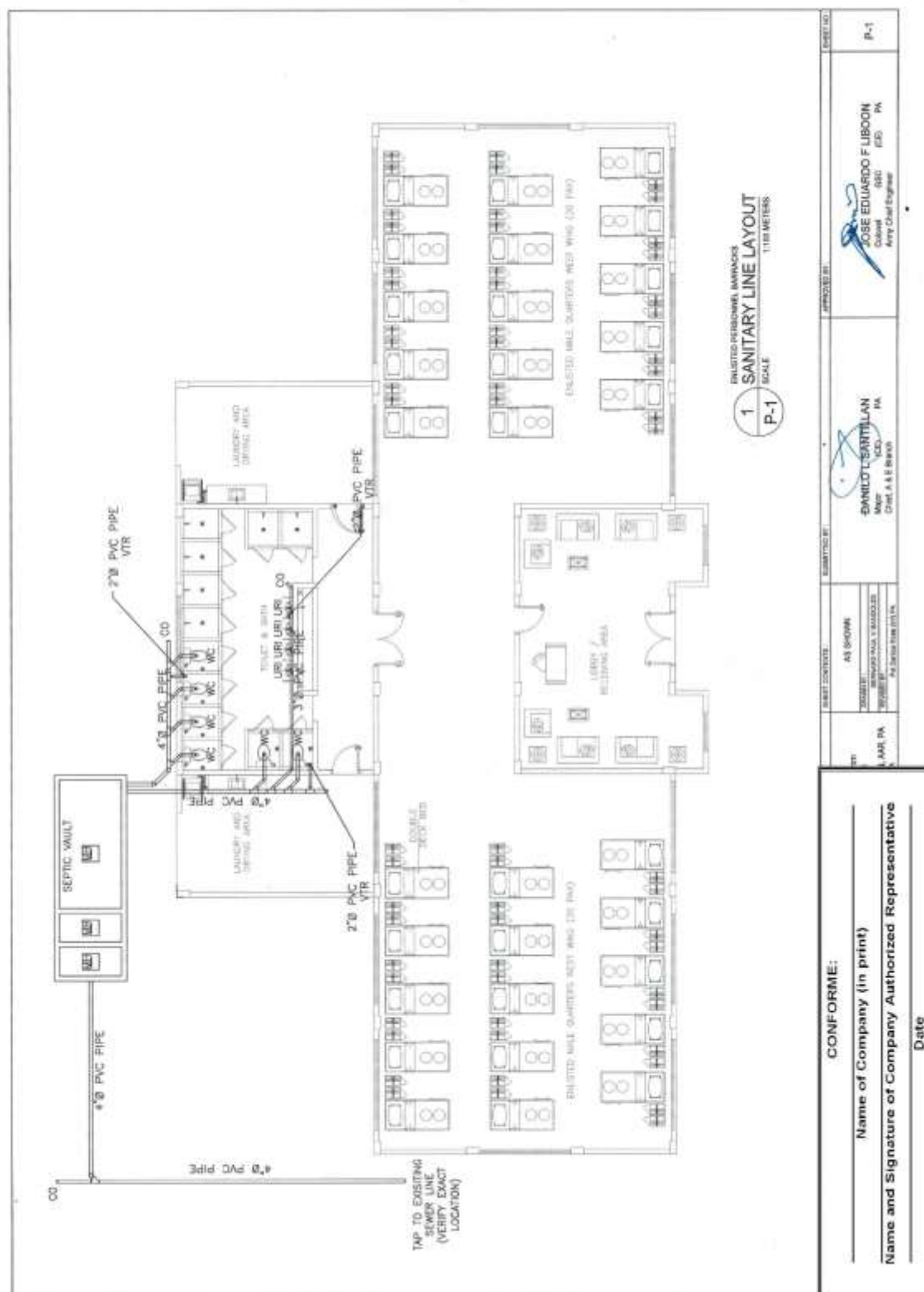
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG’G PABAC3 019-23**



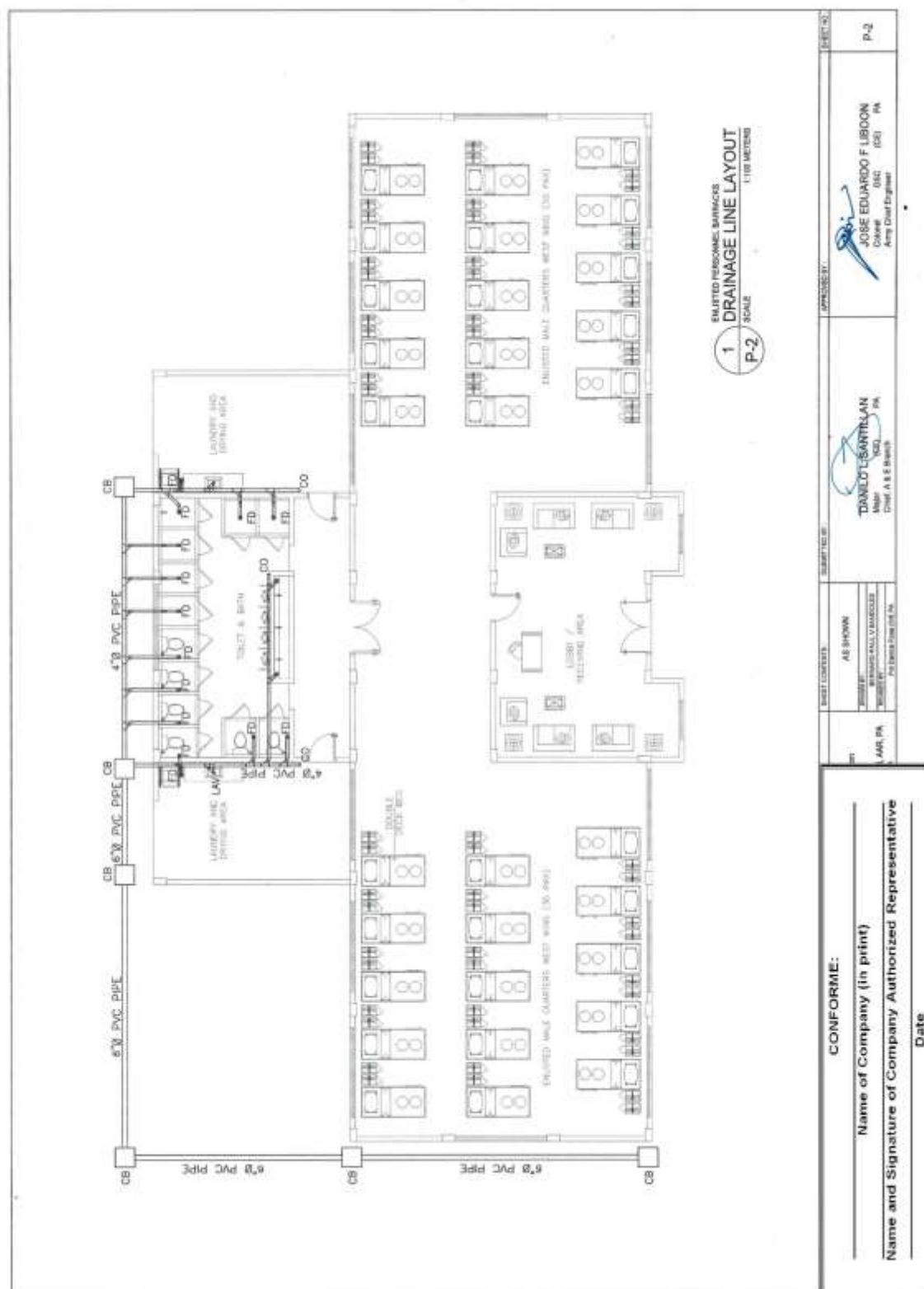
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**



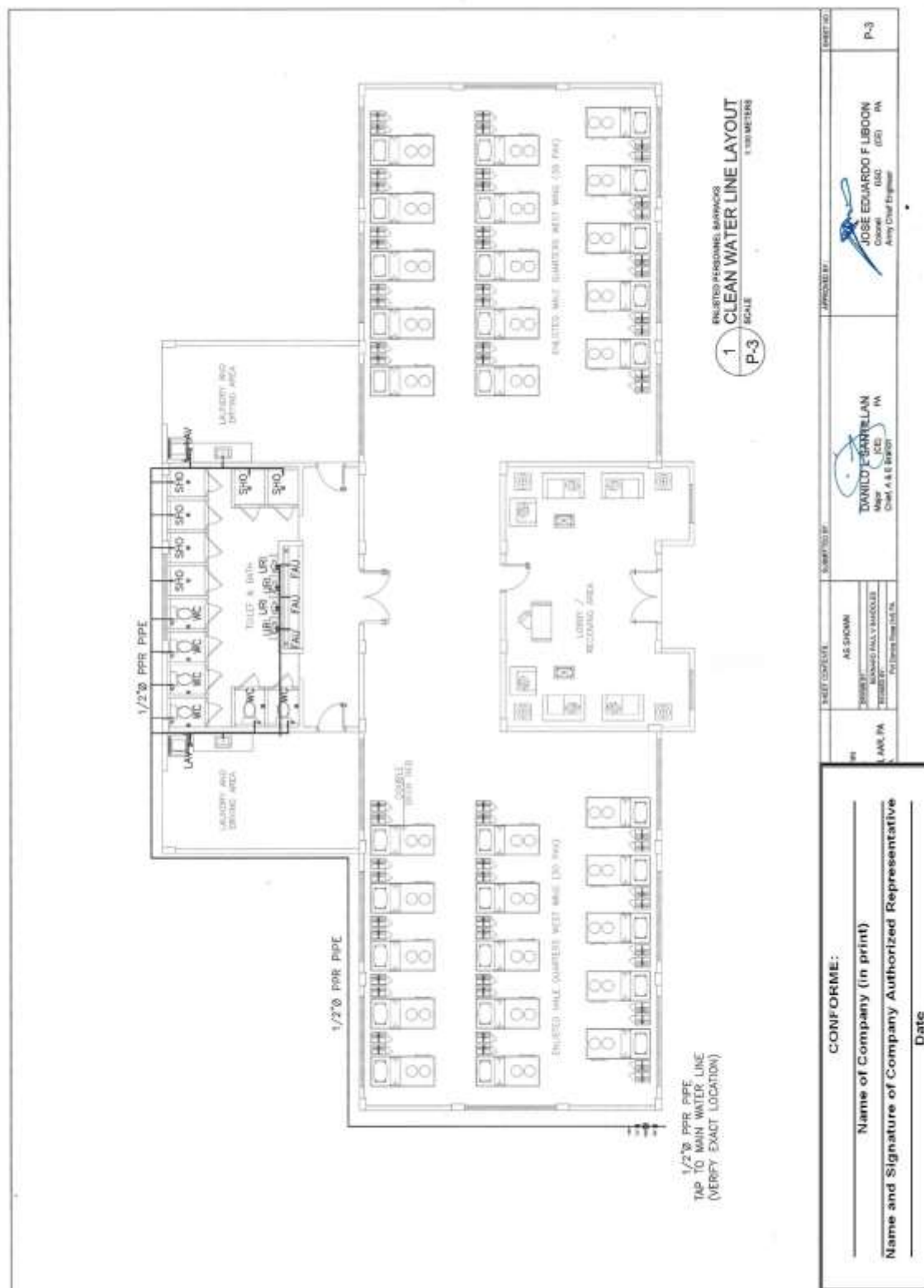
(Page 58/143)

**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



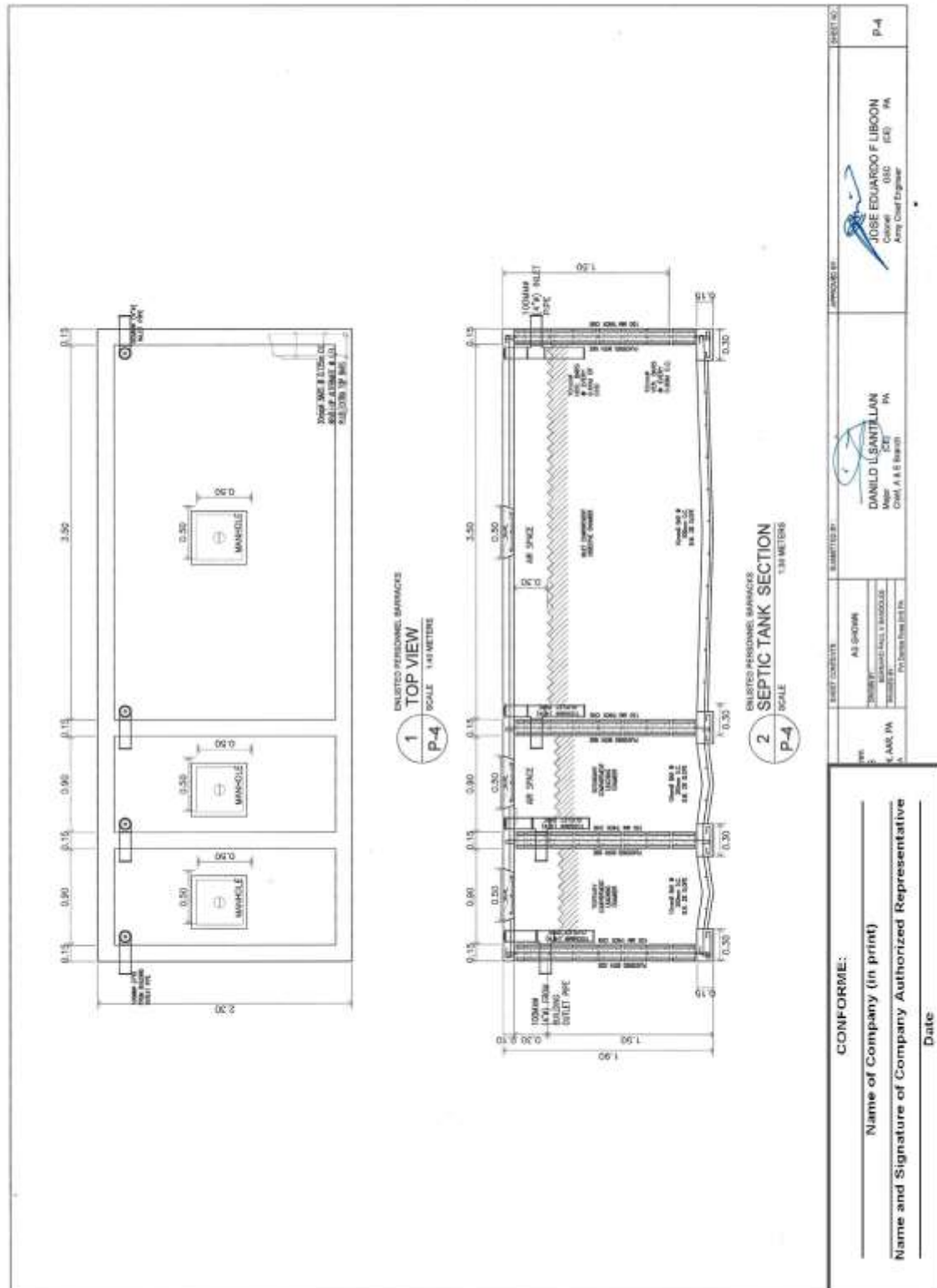
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

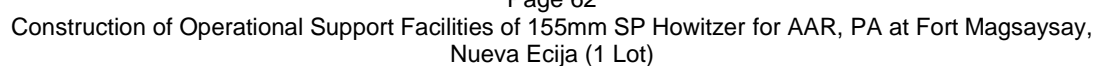


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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

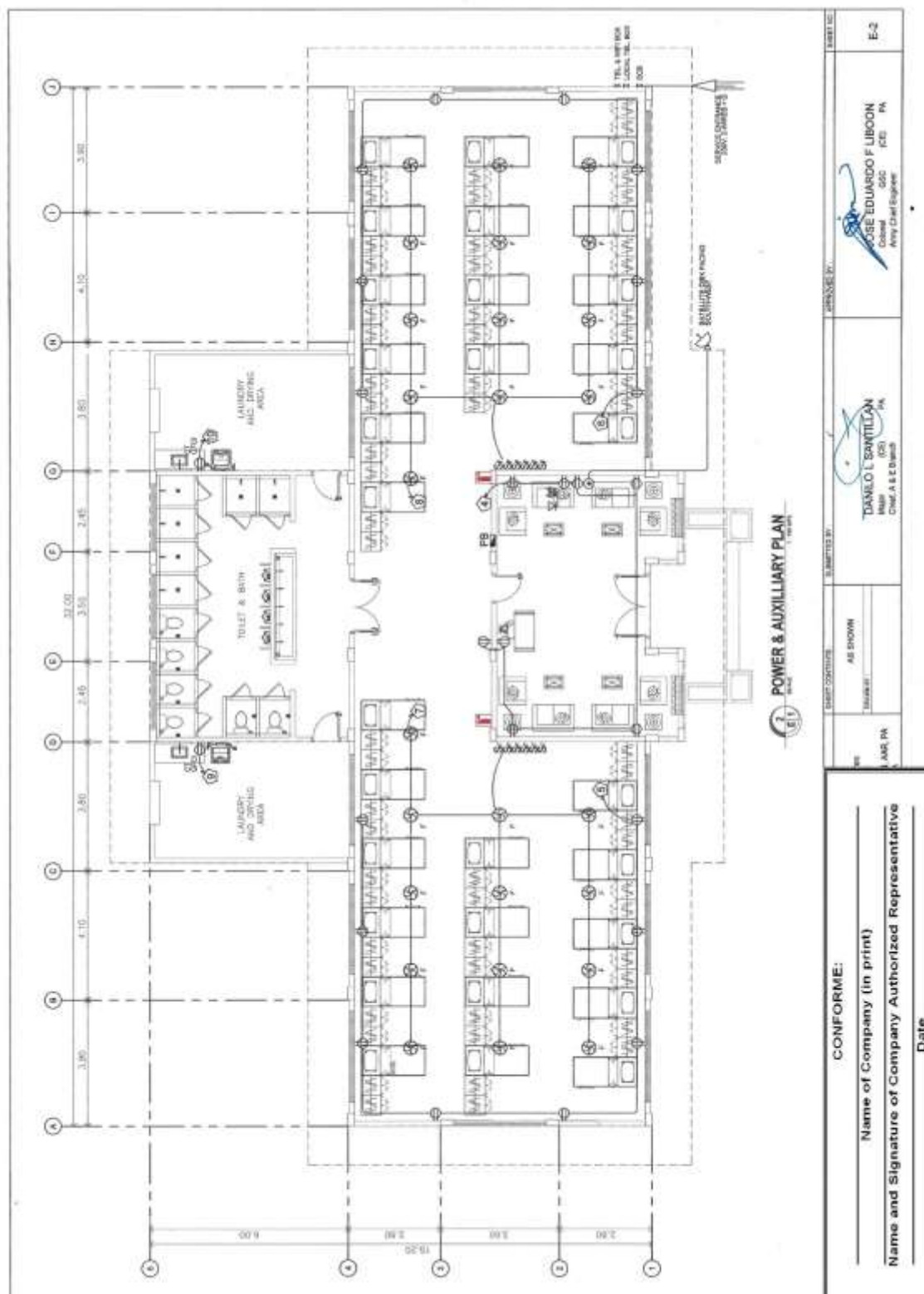


**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG’G PABAC3 019-23**



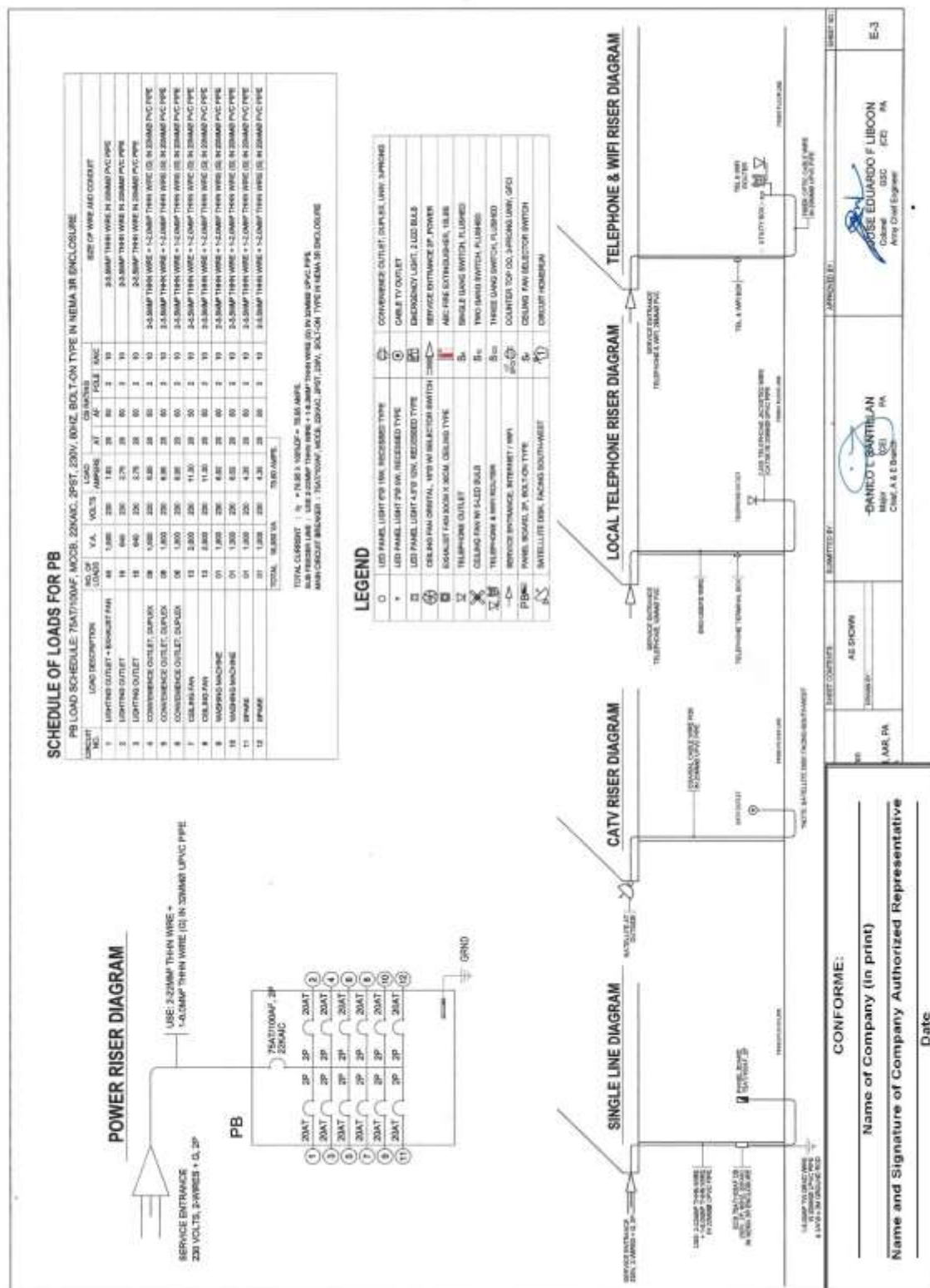
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG’G PABAC3 019-23**



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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



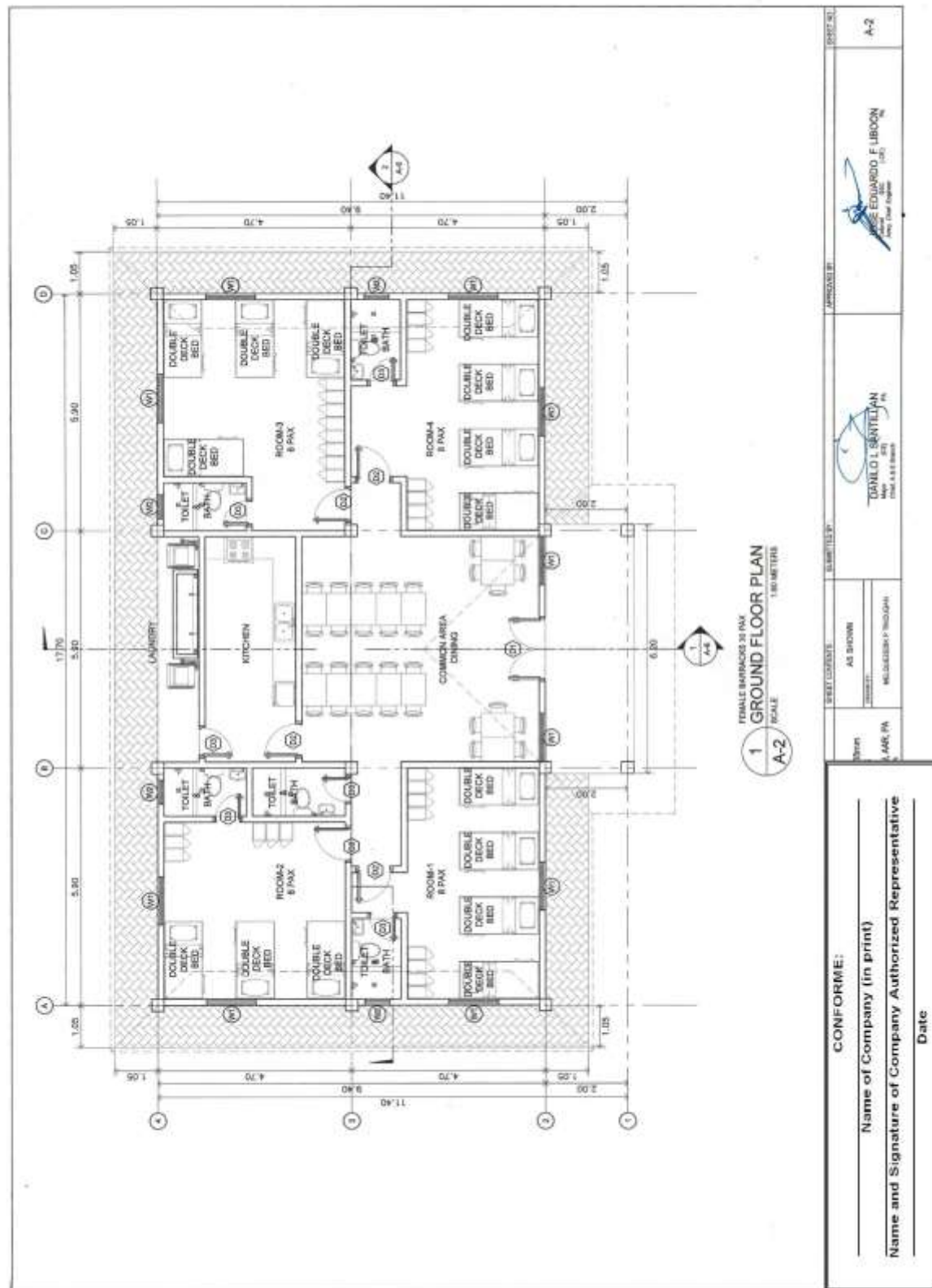
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

	1 PERSPECTIVE A-1 NOT TO SCALE		2 VICINITY MAP A-1 NOT TO SCALE		3 LOCATION MAP A-1 NOT TO SCALE		4 SITE LOCATION PLAN A-1 NOT TO SCALE	<table border="1"> <tr> <td>DESIGNED BY</td> <td>APPROVED BY</td> <td>REVIEWED BY</td> <td>DATE</td> </tr> <tr> <td>FRANCIS ANTONIO V. COORDINER JR.</td> <td>EDUARDO F. LIBON</td> <td>ROMEO B. BRAWNER JR.</td> <td>A-1</td> </tr> <tr> <td>DATE</td> <td>DATE</td> <td>DATE</td> <td>DATE</td> </tr> <tr> <td>1 APR 14</td> <td></td> <td></td> <td></td> </tr> </table>	DESIGNED BY	APPROVED BY	REVIEWED BY	DATE	FRANCIS ANTONIO V. COORDINER JR.	EDUARDO F. LIBON	ROMEO B. BRAWNER JR.	A-1	DATE	DATE	DATE	DATE	1 APR 14				<table border="1"> <tr> <td colspan="2">CONFORME:</td> </tr> <tr> <td>Name of Company (in print)</td> <td>Date</td> </tr> <tr> <td>Name and Signature of Company Authorized Representative</td> <td></td> </tr> </table>	CONFORME:		Name of Company (in print)	Date	Name and Signature of Company Authorized Representative	
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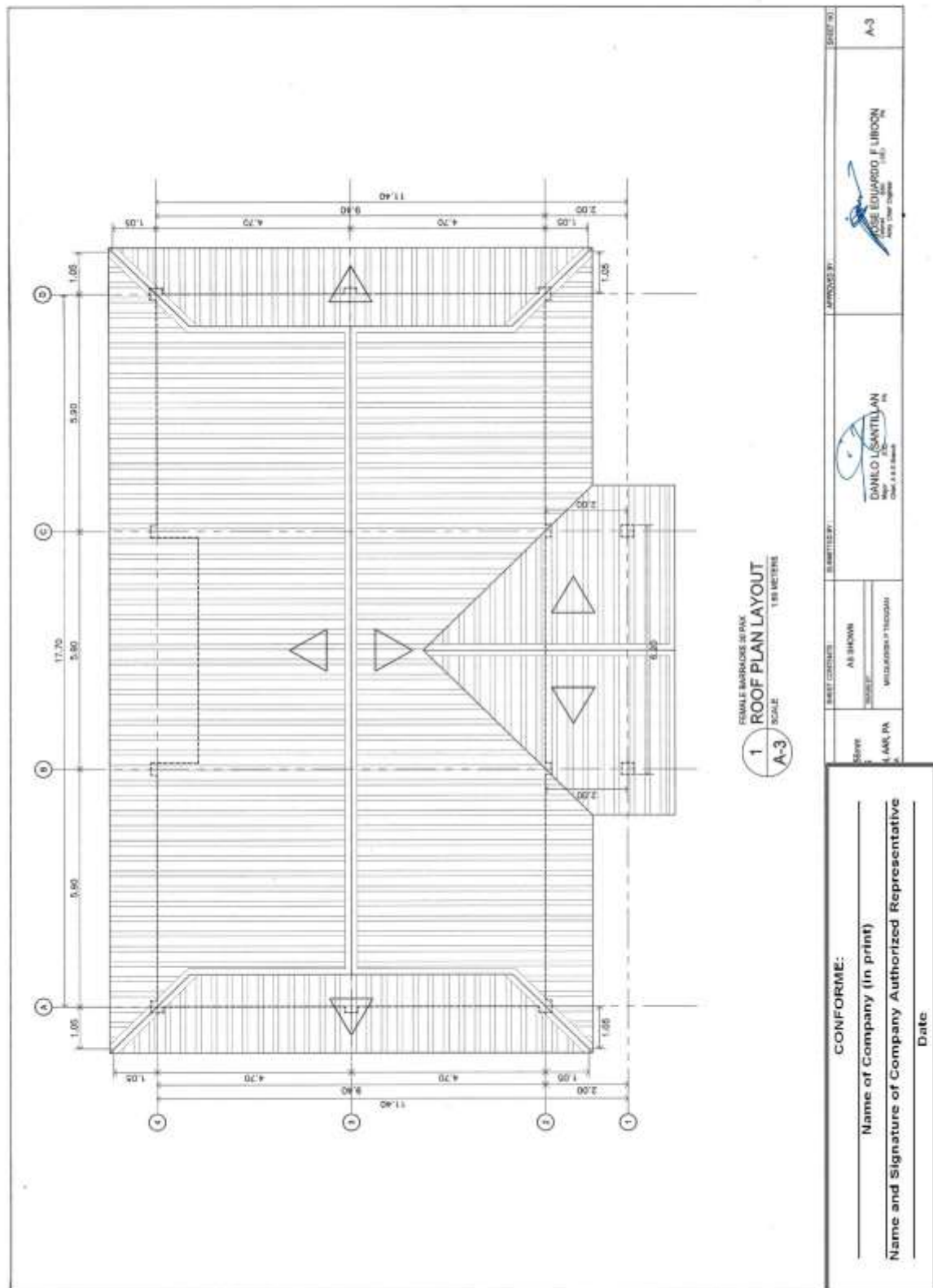
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**



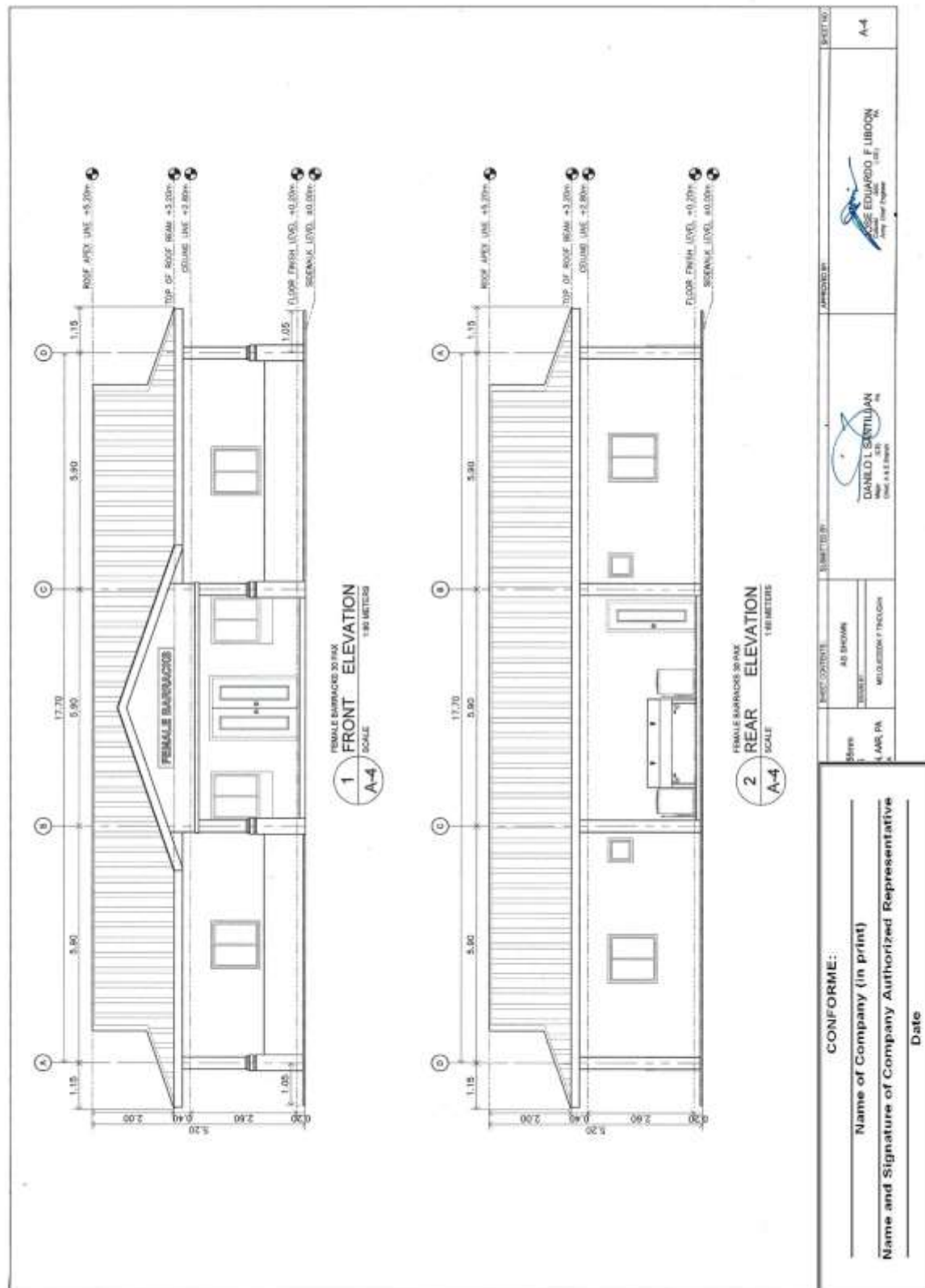
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

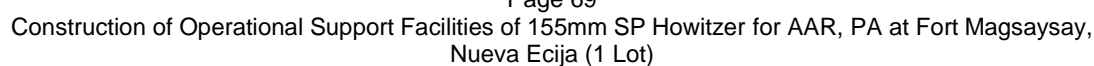


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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

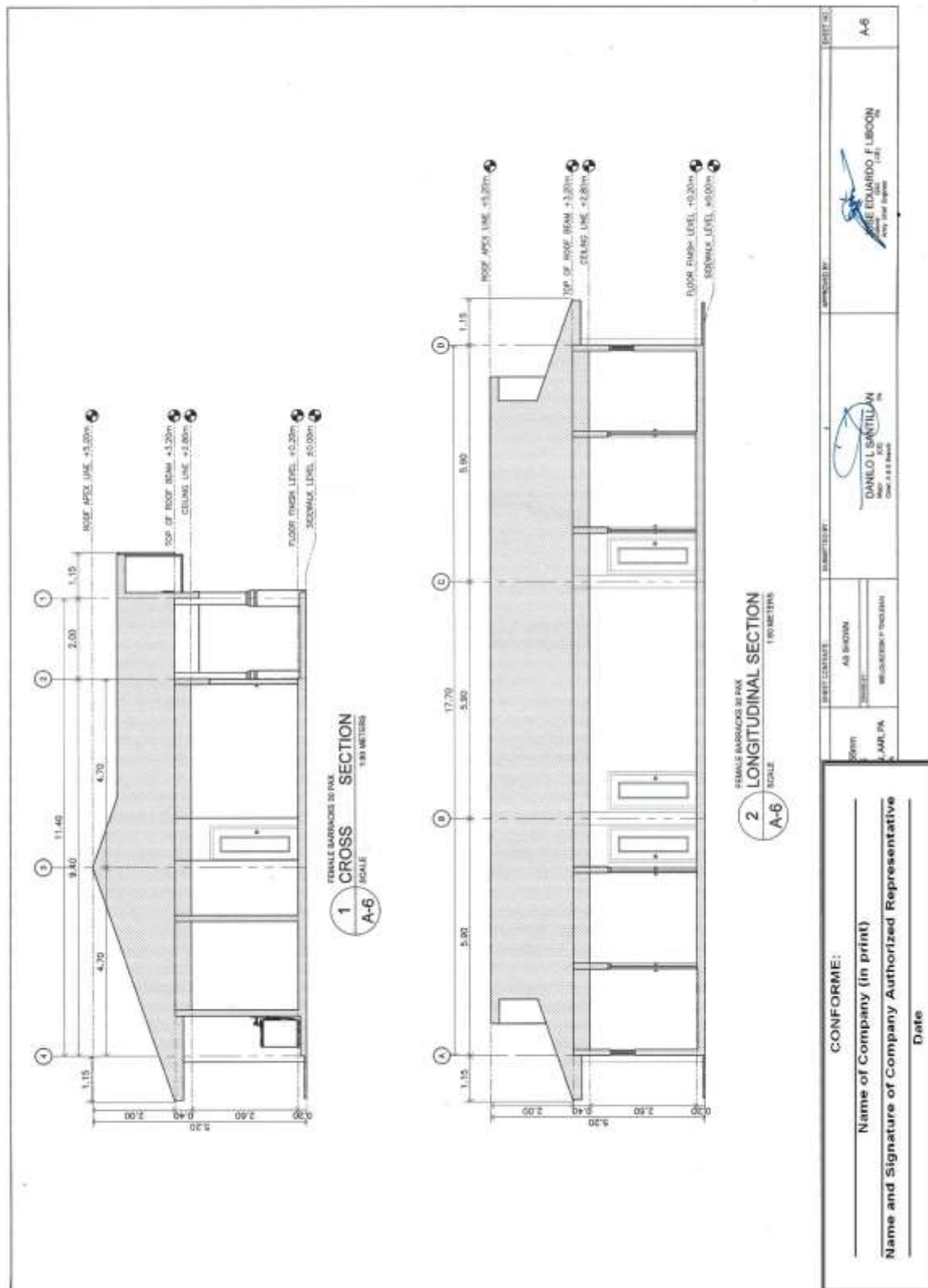


**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG’G PABAC3 019-23**



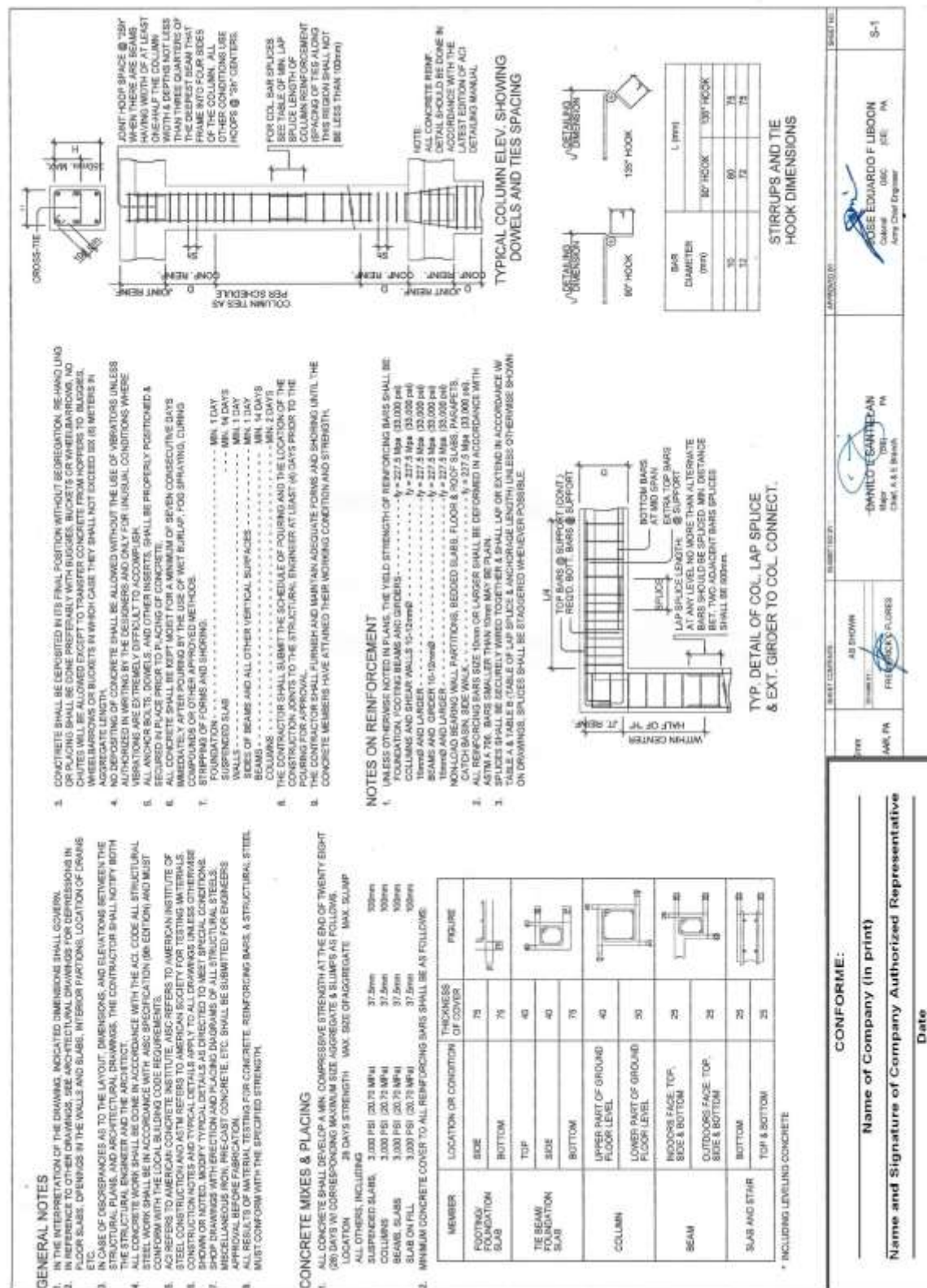
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



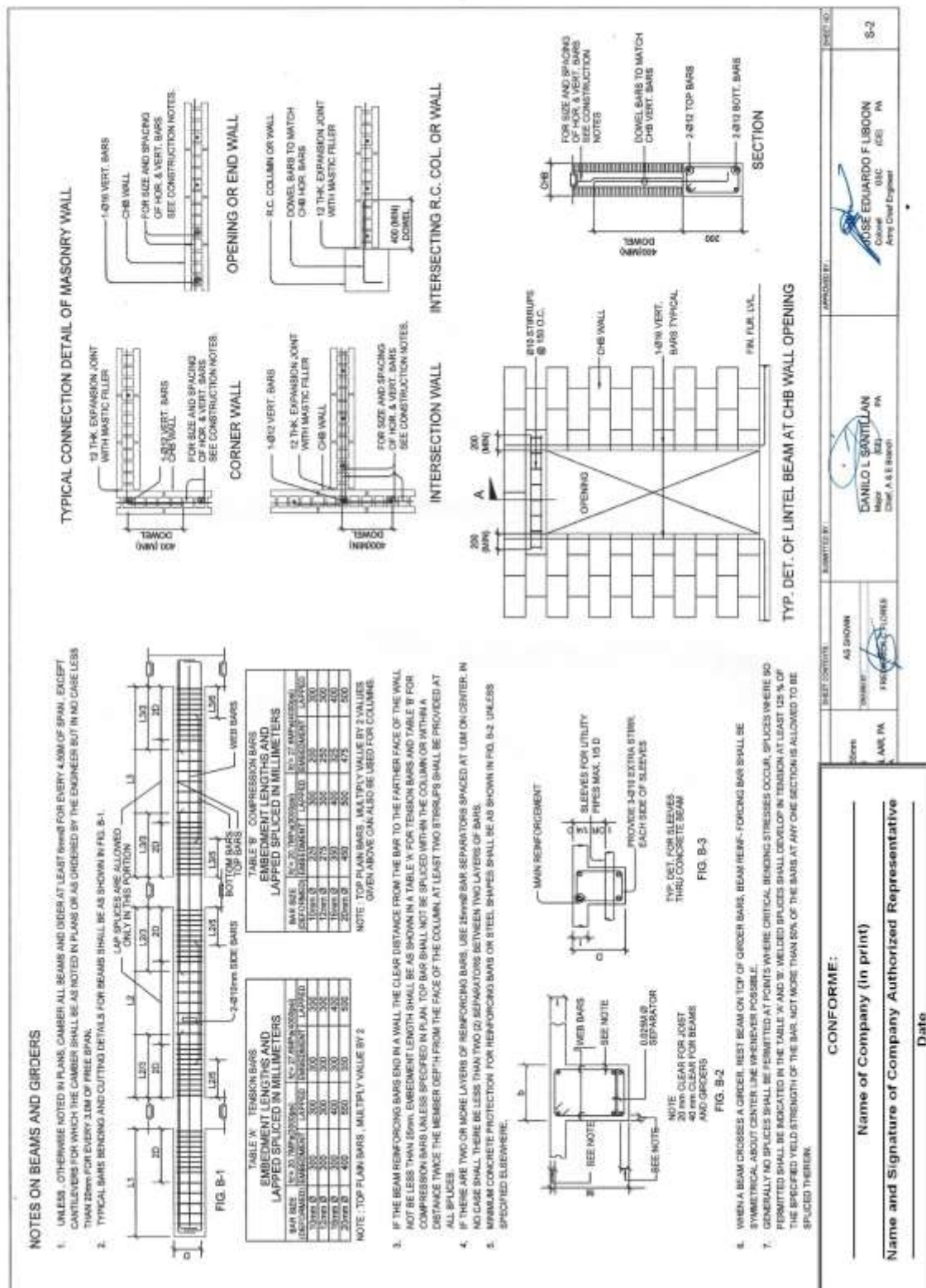
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG’G PABAC3 019-23**



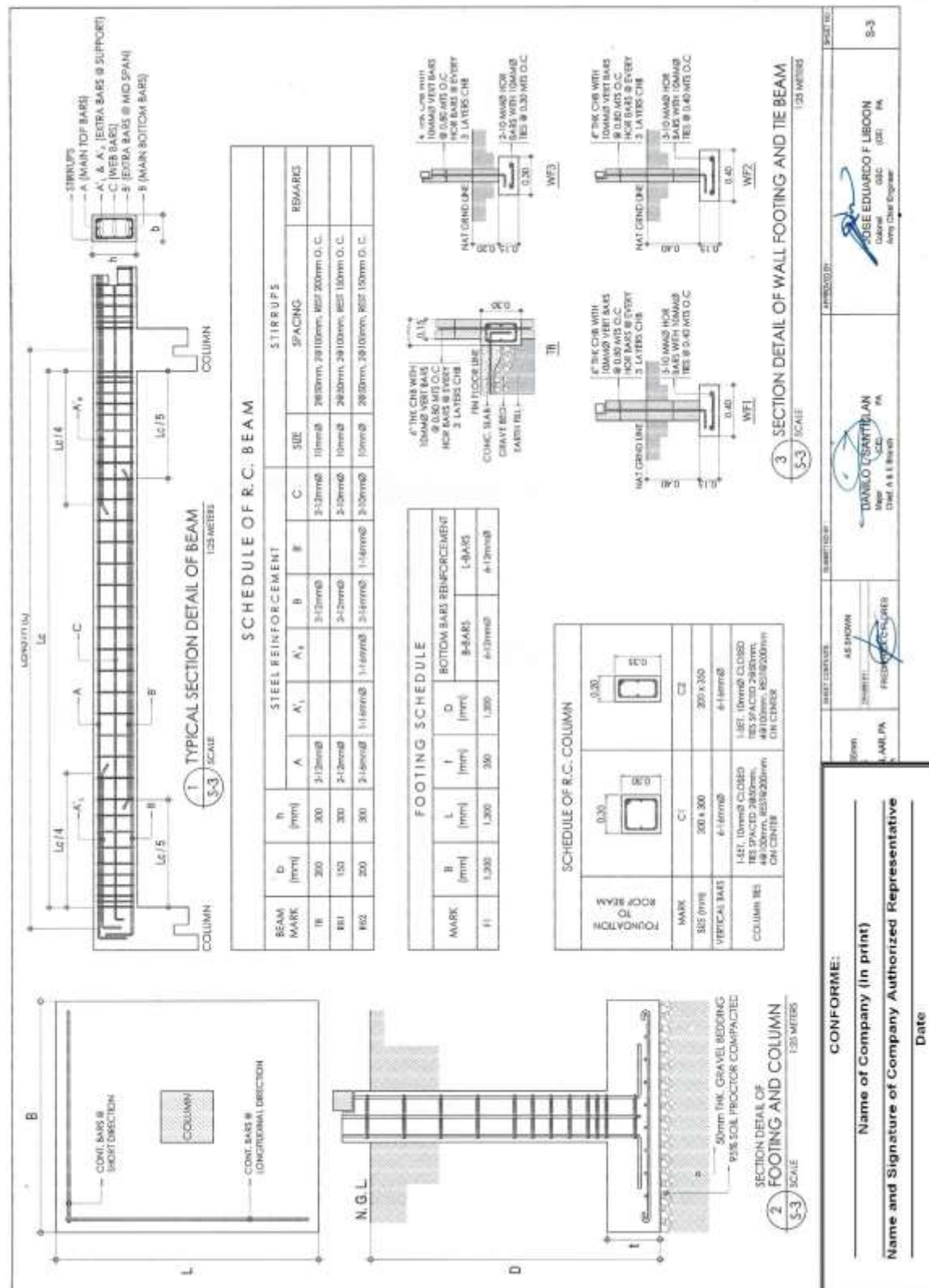
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



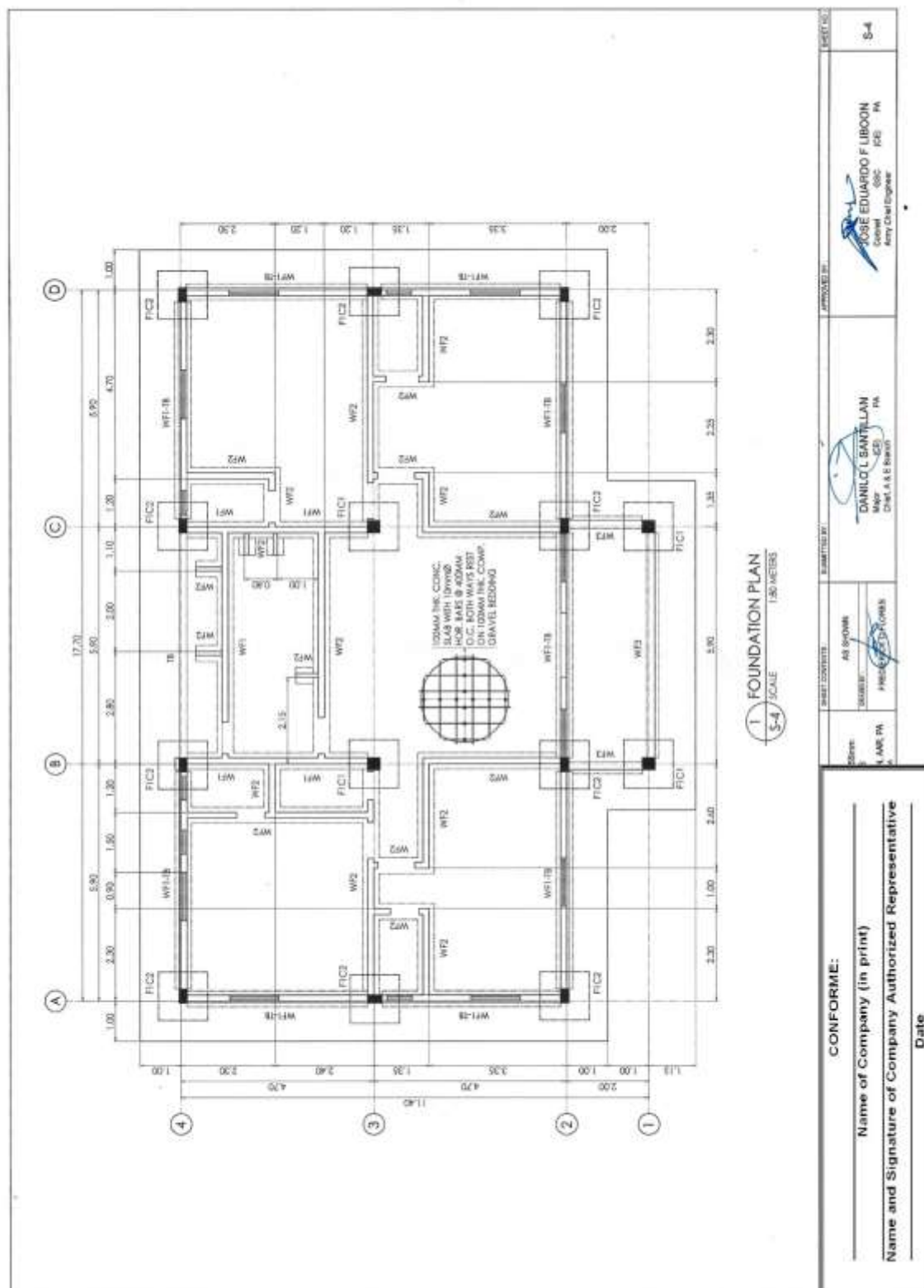
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



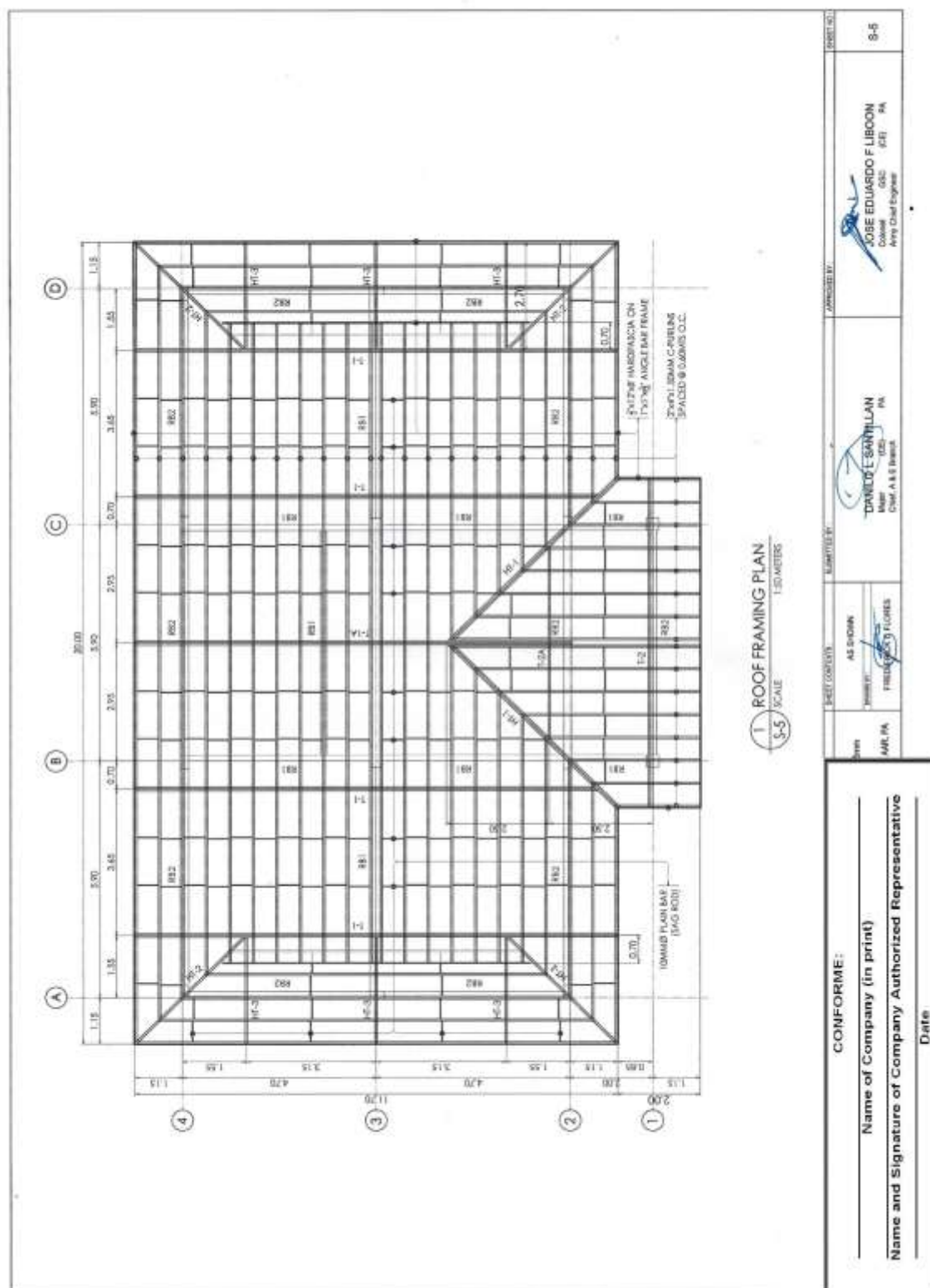
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

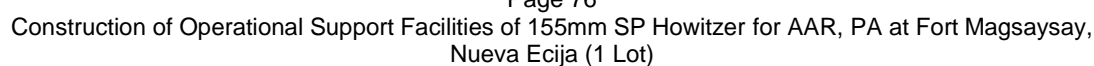


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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

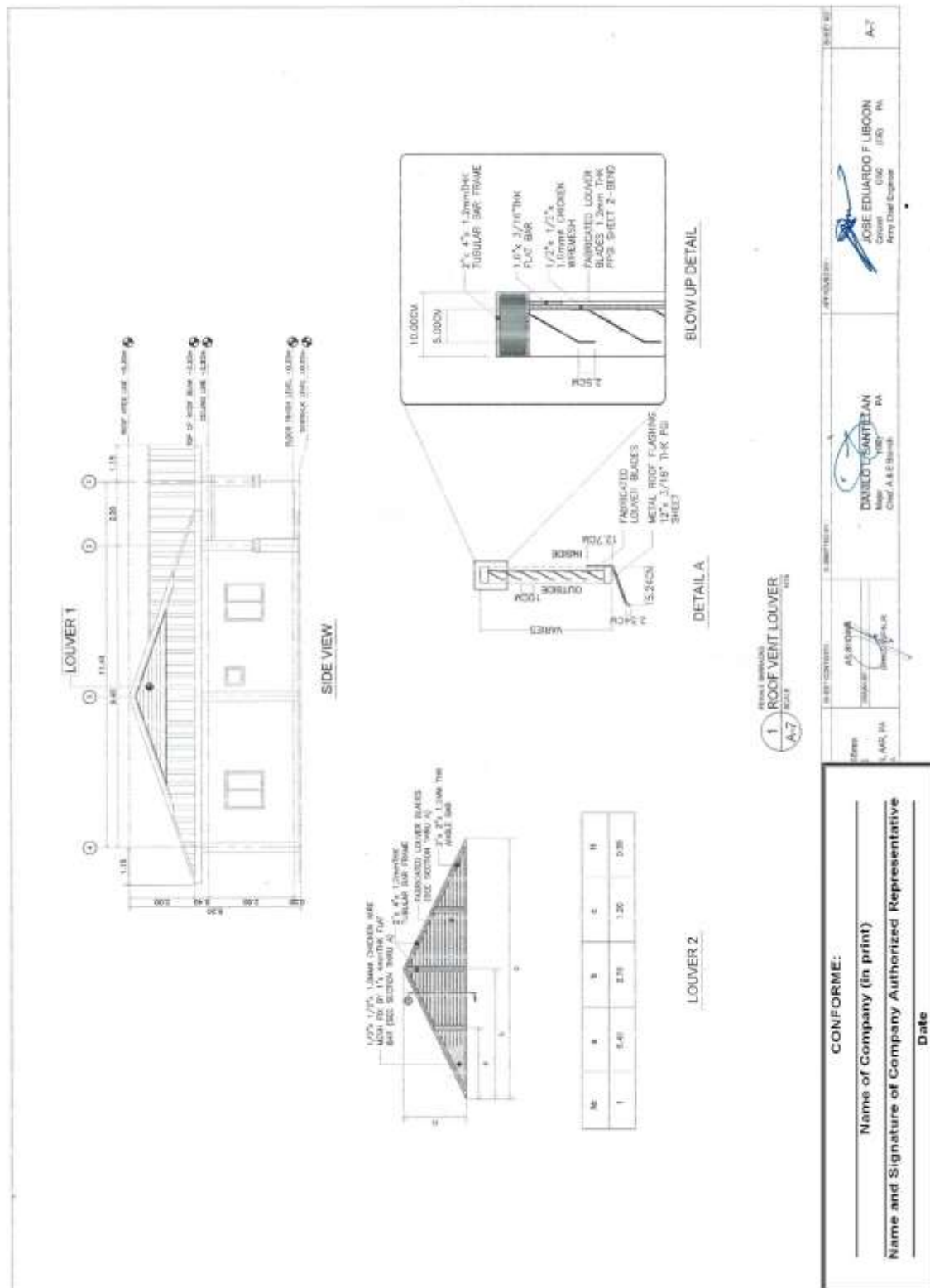


**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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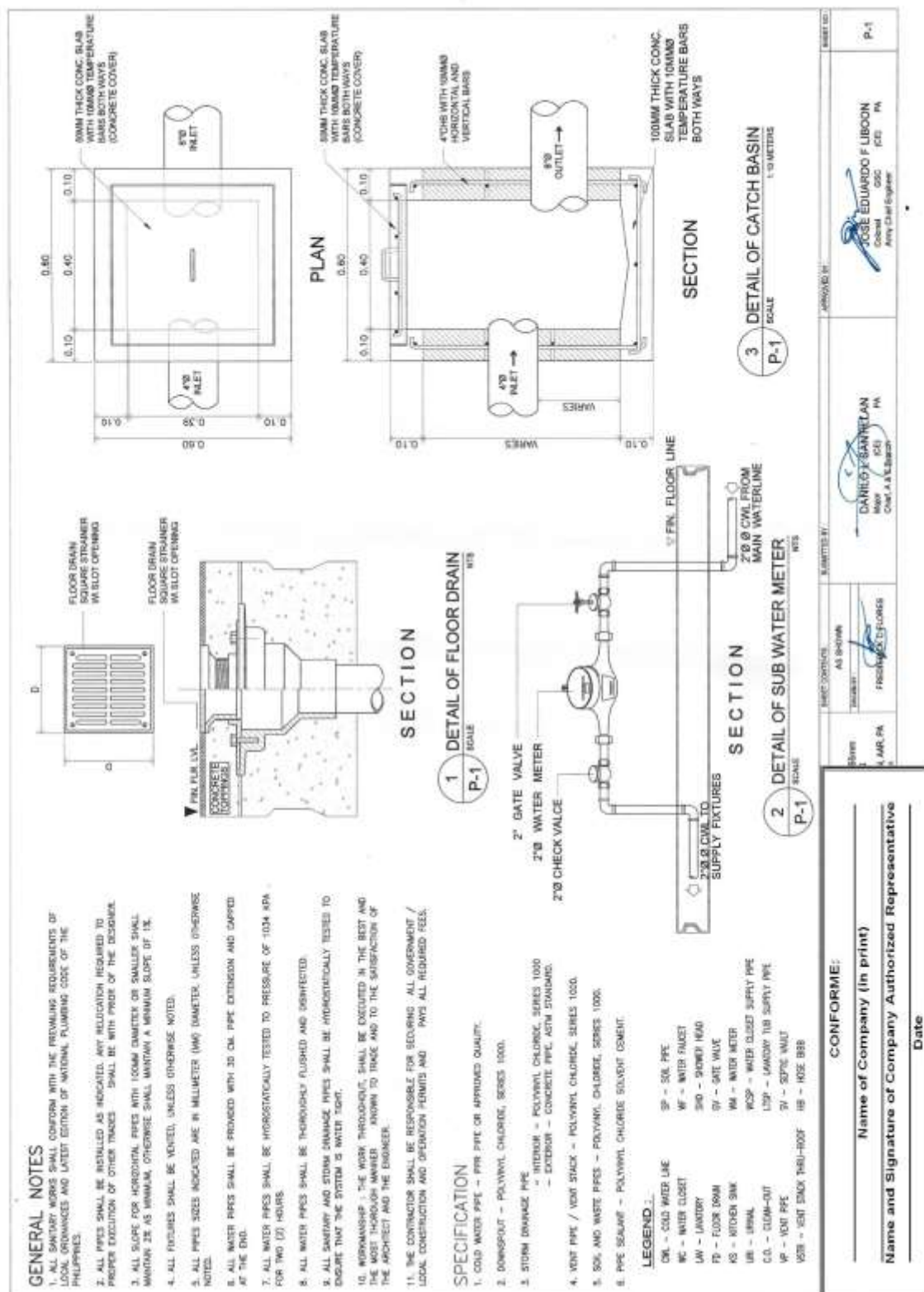
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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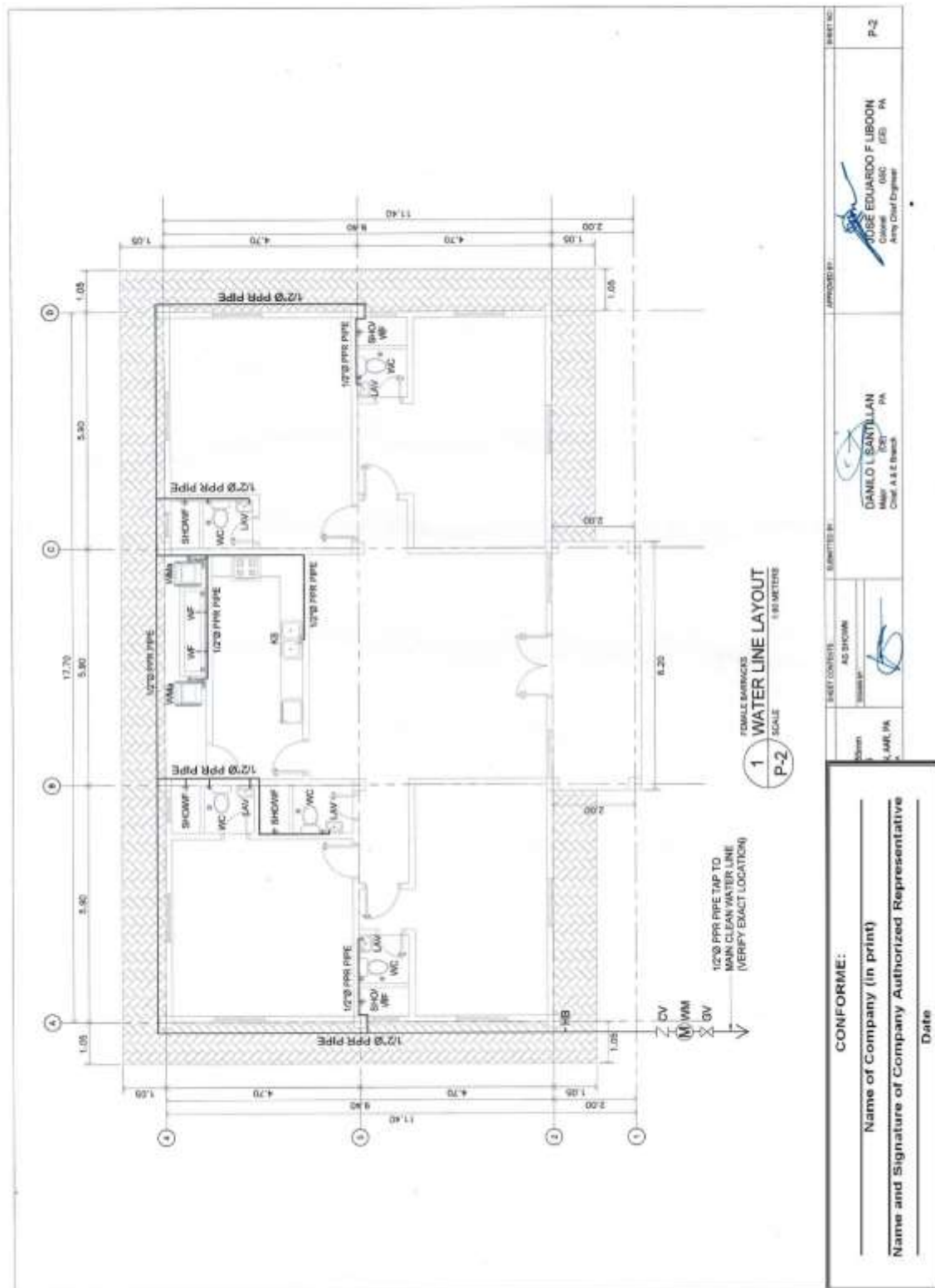
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**



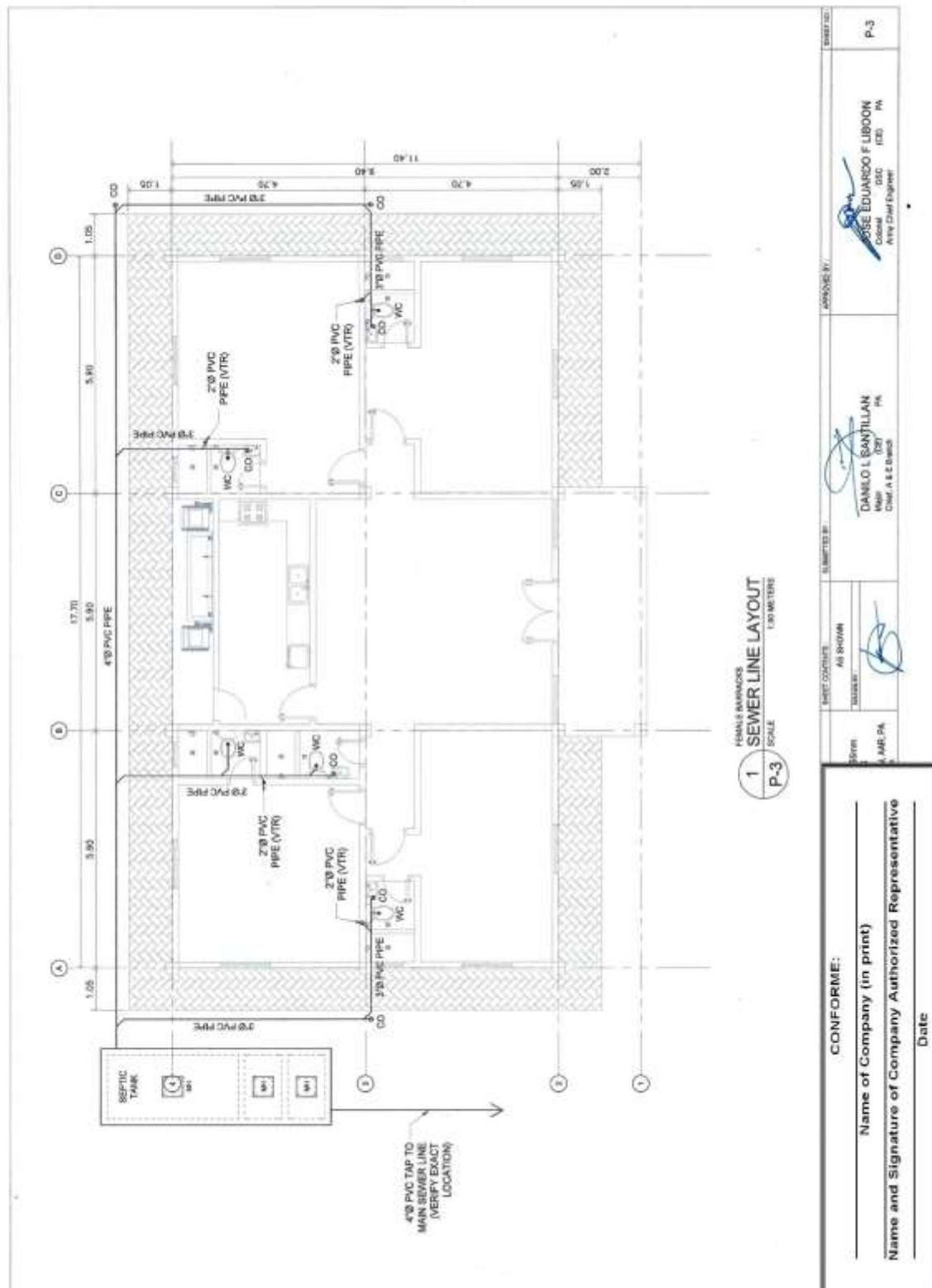
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



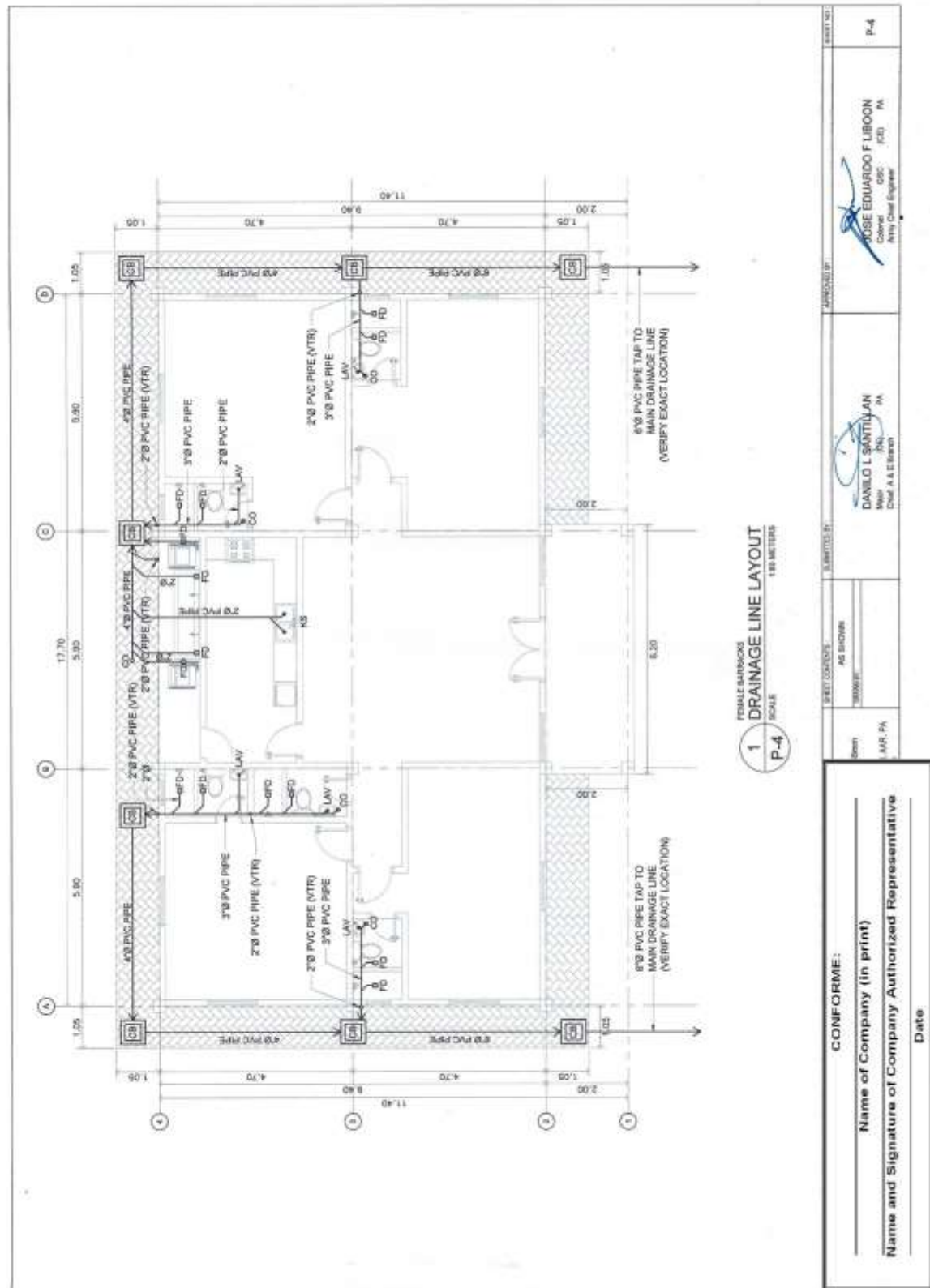
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**



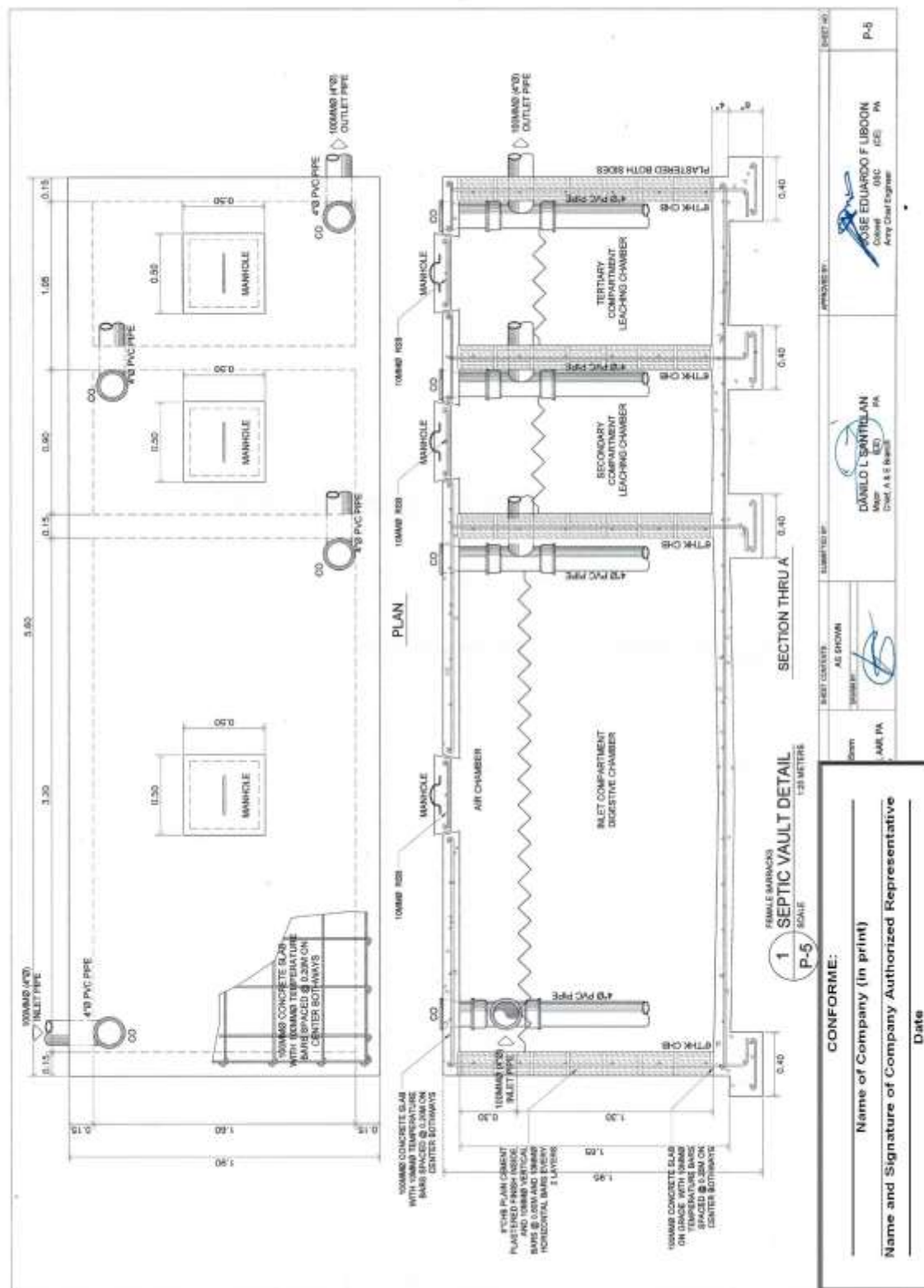
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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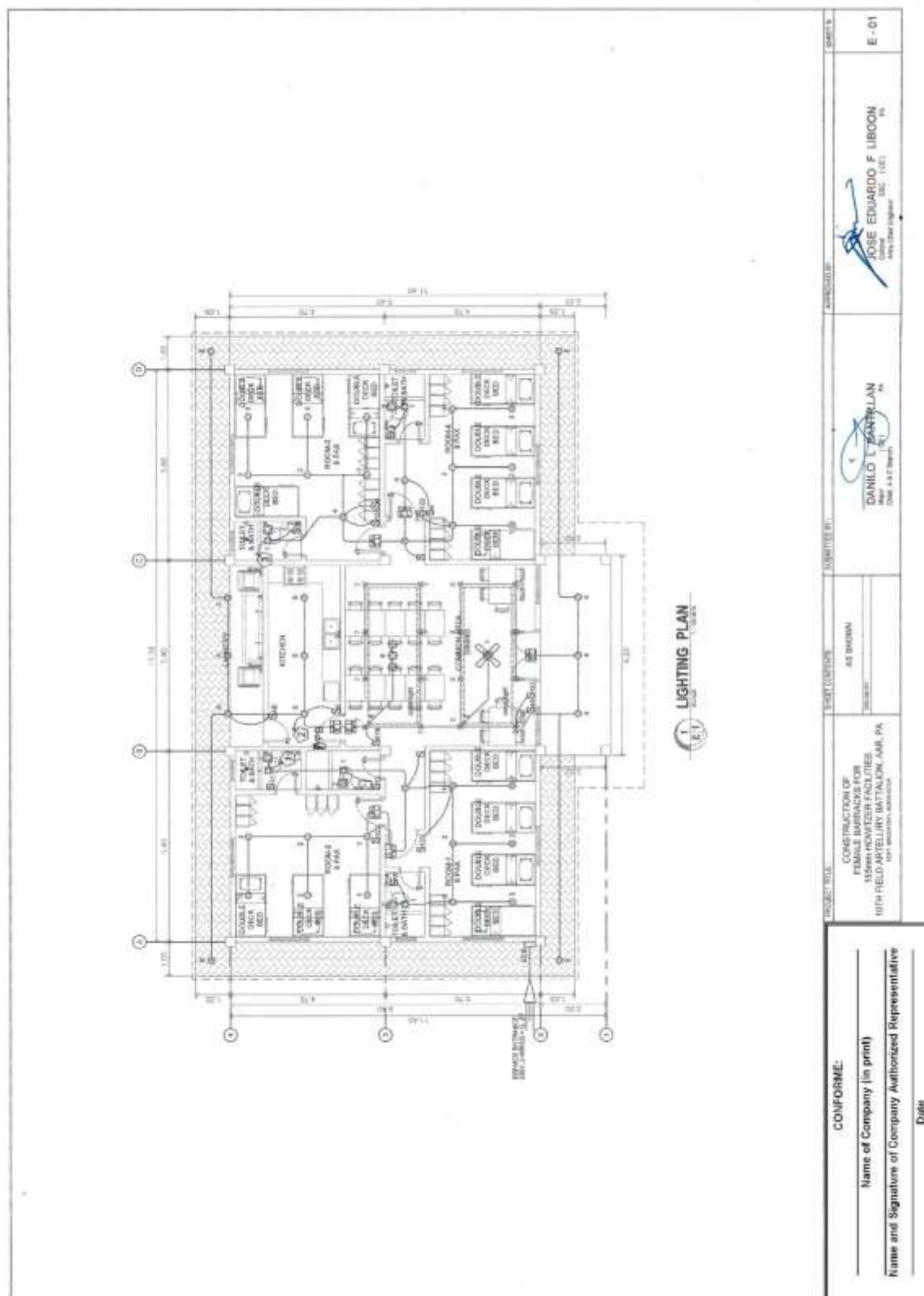
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**



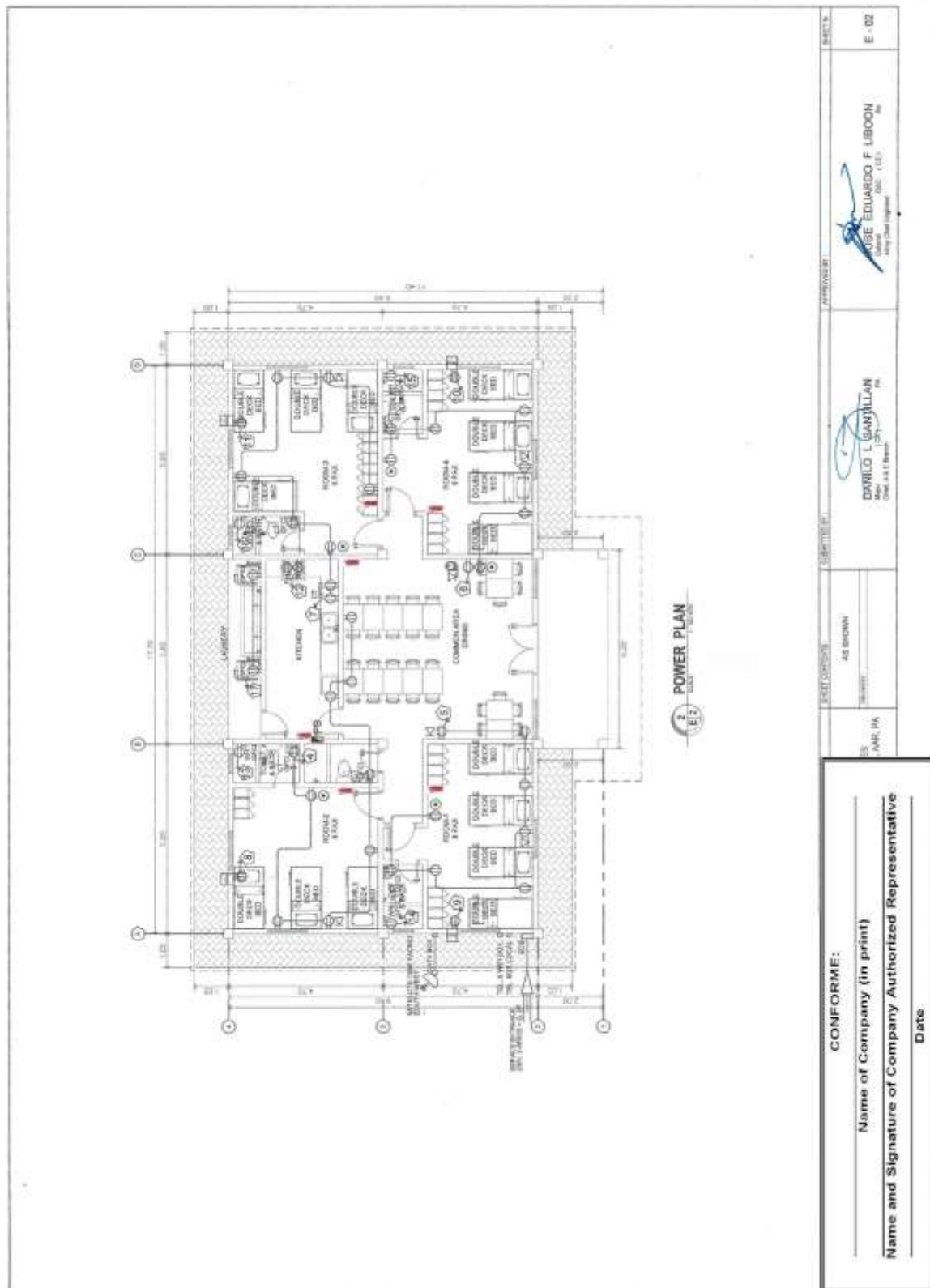
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



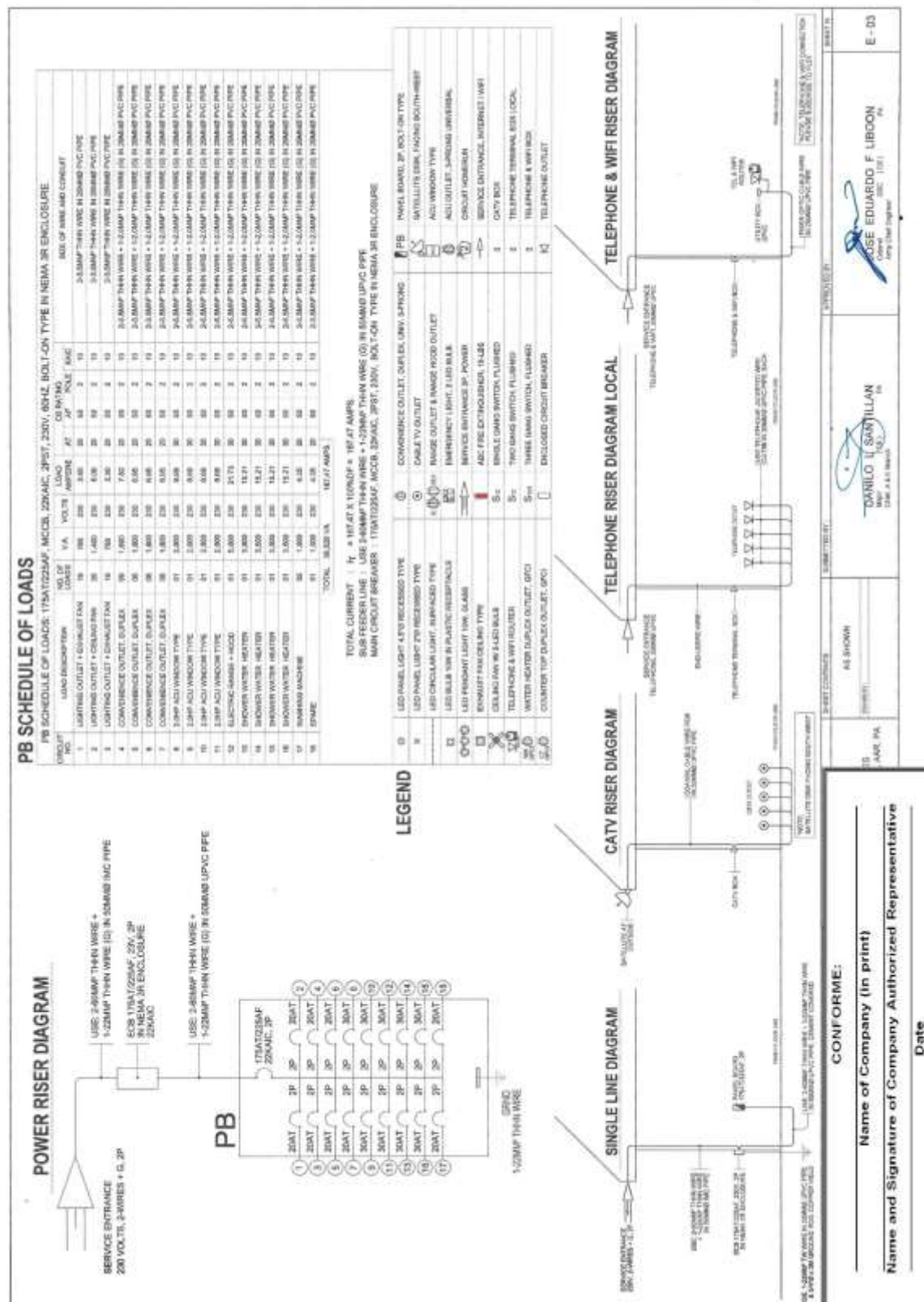
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG’G PABAC3 019-23**



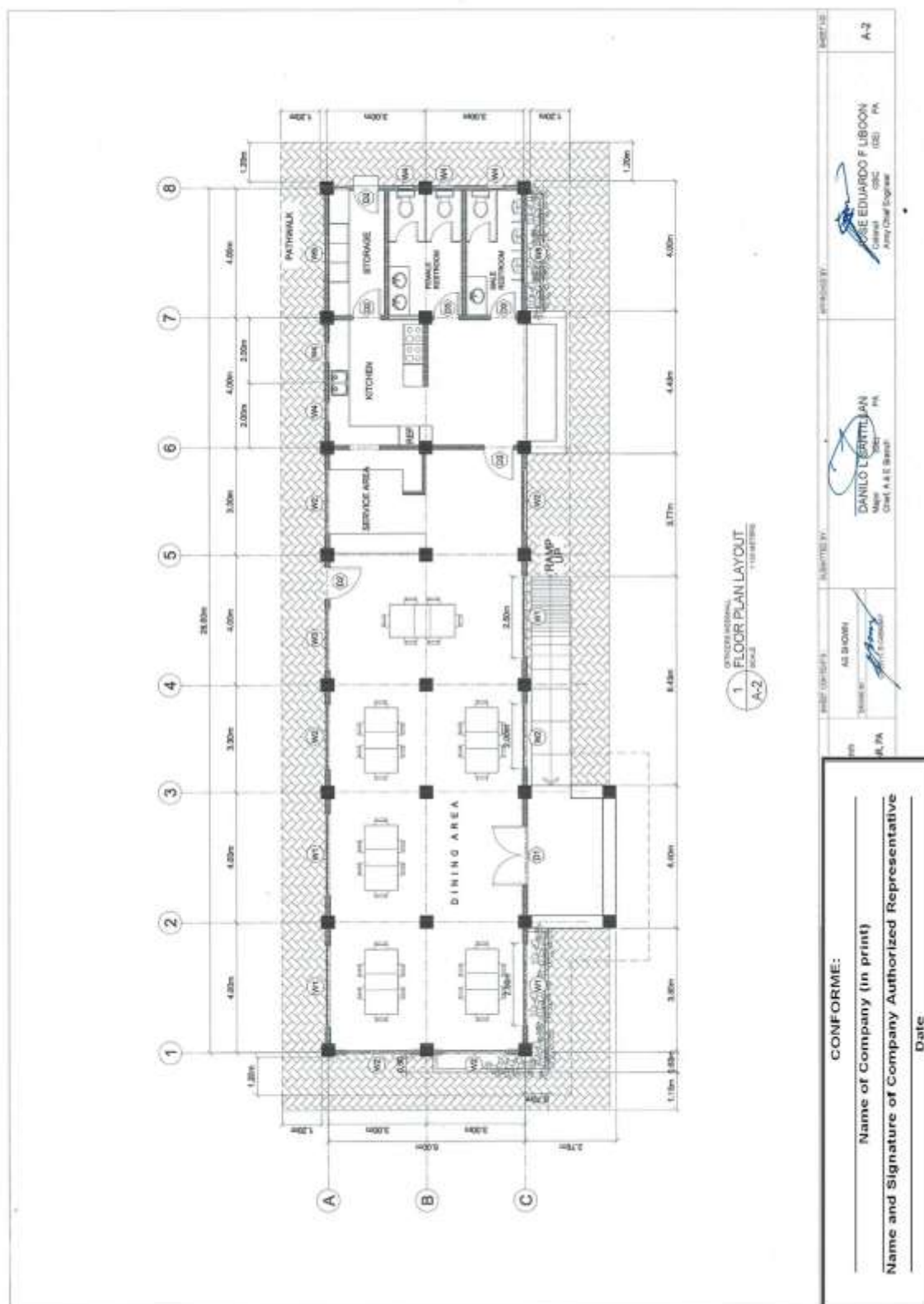
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

	1 PERSPECTIVE NOT TO SCALE A-1				4 SITE LOCATION PLAN SCALE 1:500 METERS A-1	<table border="1"> <tr> <td>DATE</td> <td>APPROVED BY</td> <td>DESIGNED BY</td> <td>CONSTRUCTED BY</td> <td>PERMITTED BY</td> <td>AS SHOWN</td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	DATE	APPROVED BY	DESIGNED BY	CONSTRUCTED BY	PERMITTED BY	AS SHOWN	DATE							
DATE	APPROVED BY	DESIGNED BY	CONSTRUCTED BY	PERMITTED BY	AS SHOWN	DATE														
<div style="display: flex; justify-content: space-between;"> <div data-bbox="785 1742 849 1908"> THIS SITE 155mm HOWITZER SUPPORT FACILITIES </div> <div data-bbox="785 1191 849 1339"> THIS SITE OFFICERS MESSHALL </div> </div>						<table border="1"> <tr> <td colspan="2"> CONFORME: Name of Company (in print) _____ Name and Signature of Company Authorized Representative _____ Date _____ </td> </tr> </table>	CONFORME: Name of Company (in print) _____ Name and Signature of Company Authorized Representative _____ Date _____													
CONFORME: Name of Company (in print) _____ Name and Signature of Company Authorized Representative _____ Date _____																				

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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG’G PABAC3 019-23**

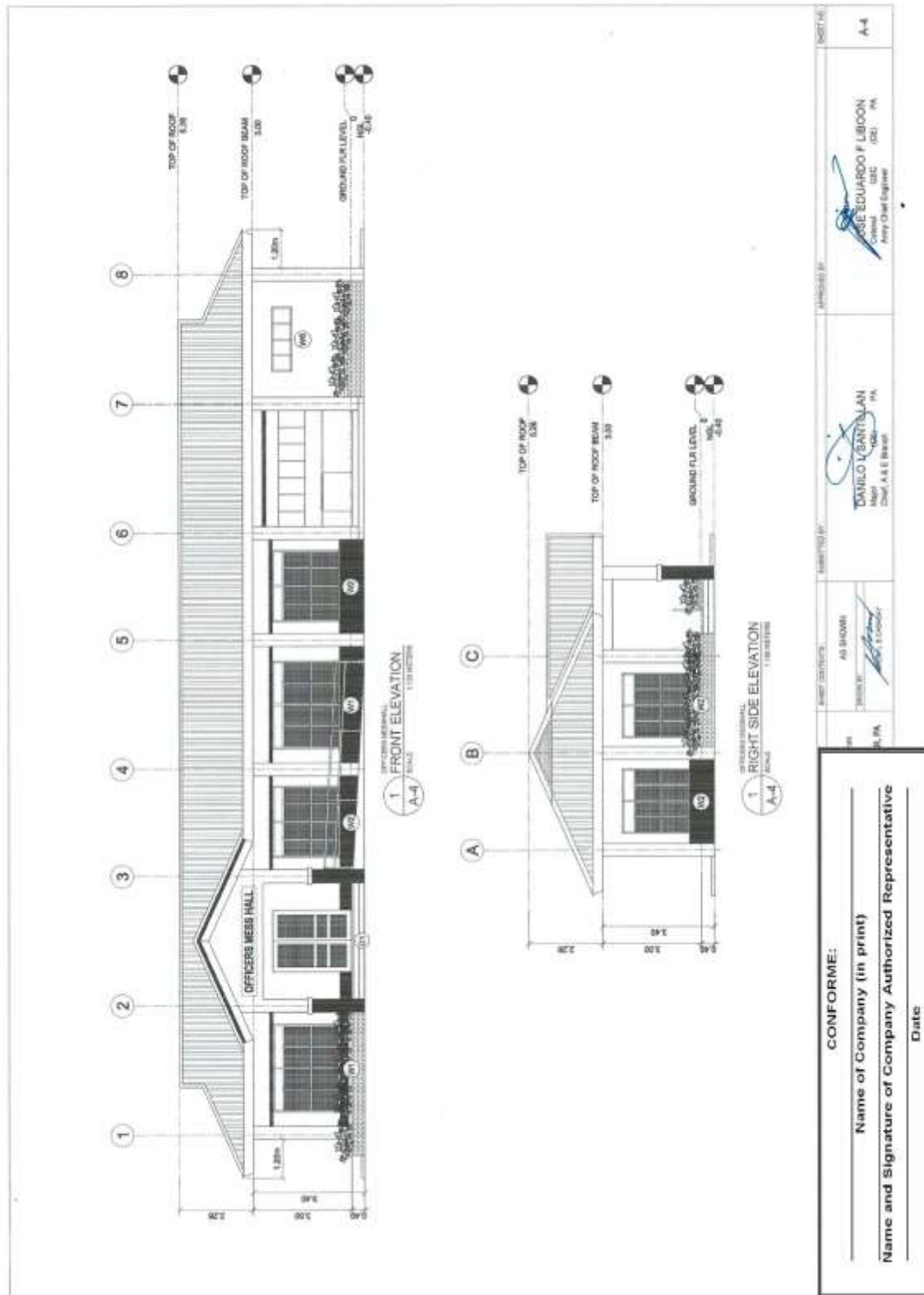


**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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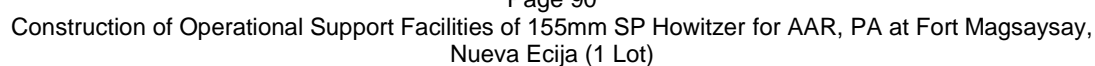


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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**

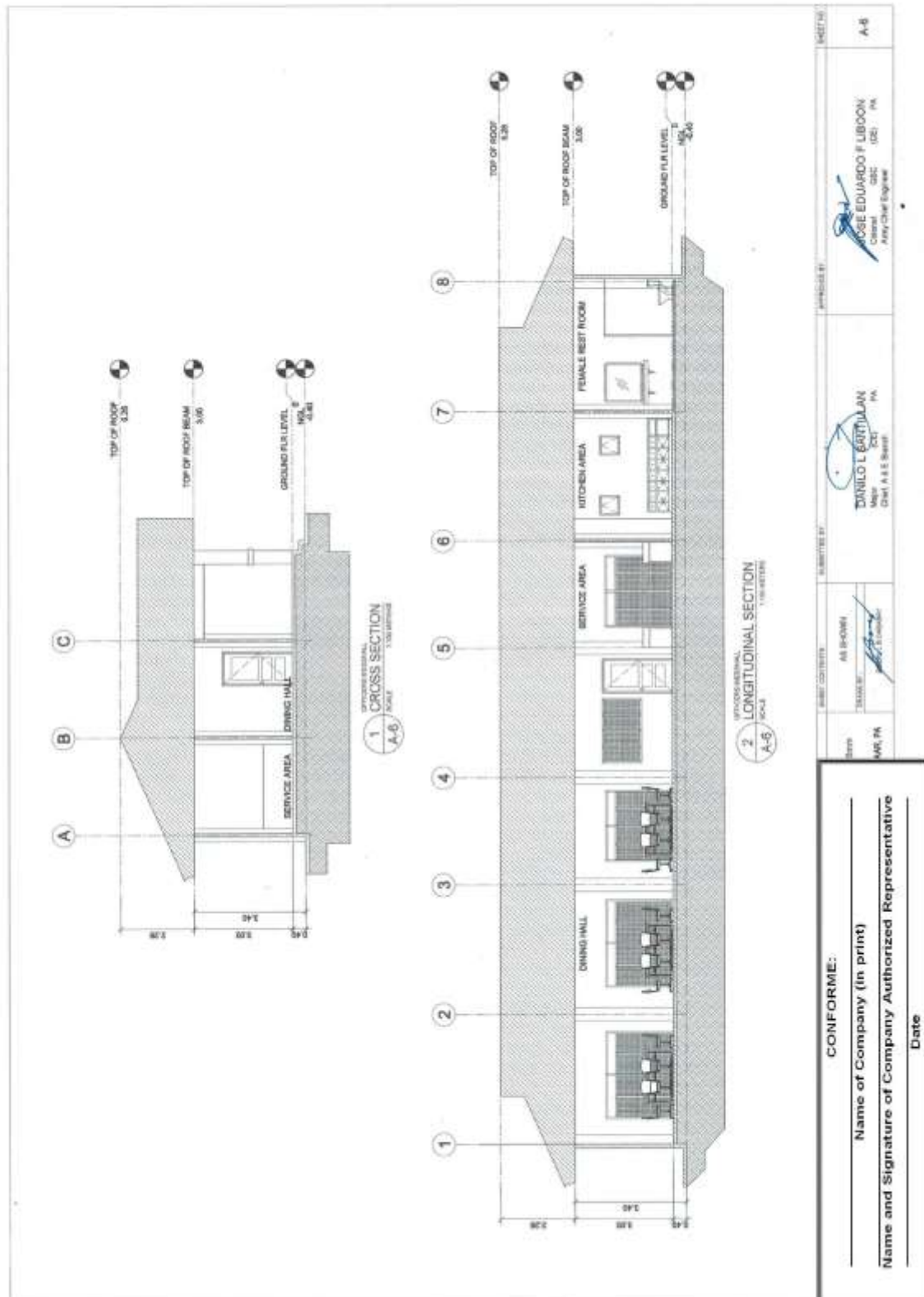


**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG’G PABAC3 019-23**



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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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Bid Ref. No. ENG'G PABAC3 019-23**



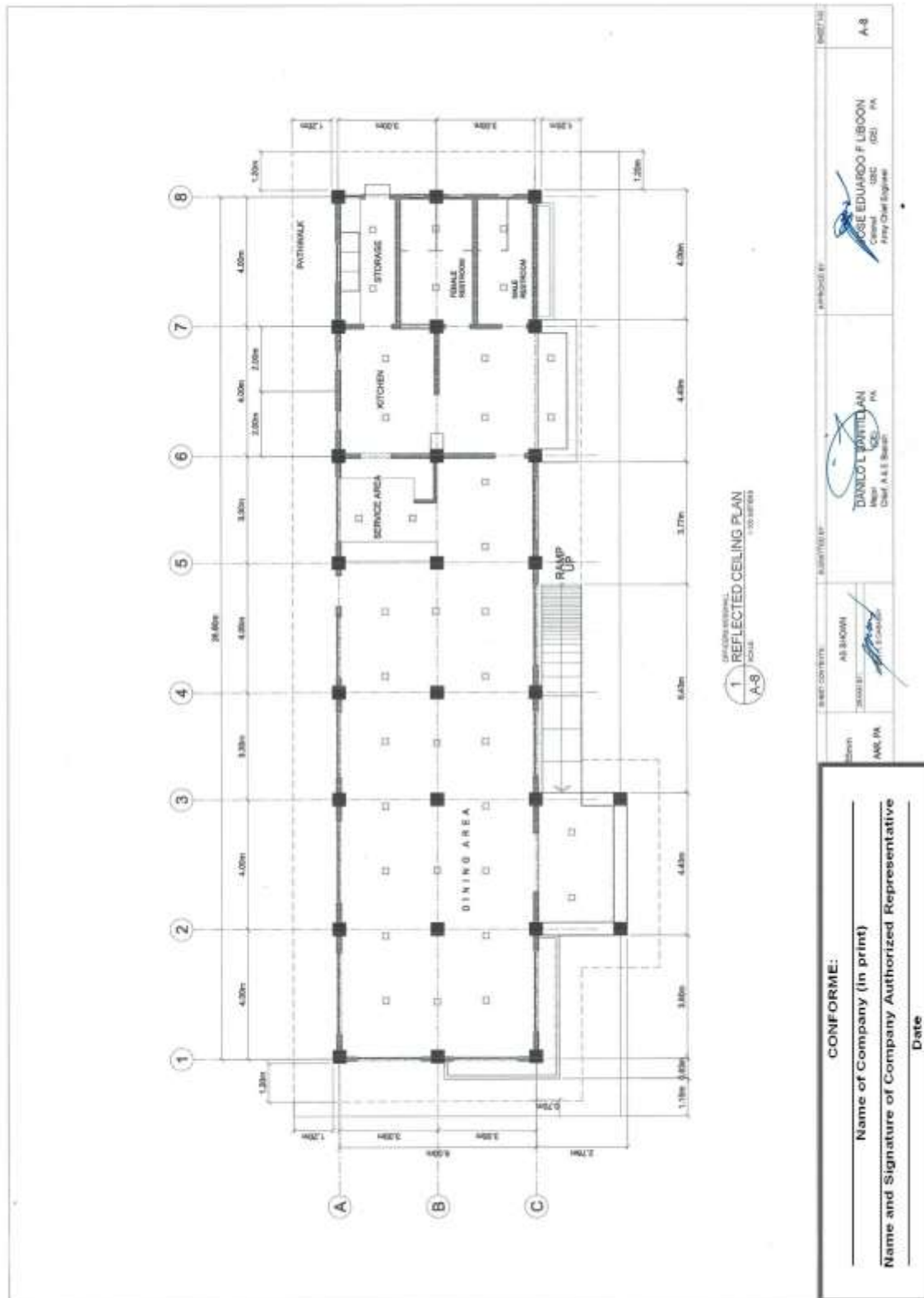
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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<p>1. DOORS AND WINDOWS SCHEDULE SCALE: 1:100 (SEE NOTE)</p>								
<p>CONFORME:</p> <p>Name of Company (in print)</p> <p>Name and Signature of Company Authorized Representative</p> <p>Date</p>			<p>AS SHOWN</p> <p>AS SHOWN</p>	<p>AS SHOWN</p> <p>AS SHOWN</p>	<p>AS SHOWN</p> <p>AS SHOWN</p>	<p>AS SHOWN</p> <p>AS SHOWN</p>	<p>AS SHOWN</p> <p>AS SHOWN</p>	<p>AS SHOWN</p> <p>AS SHOWN</p>

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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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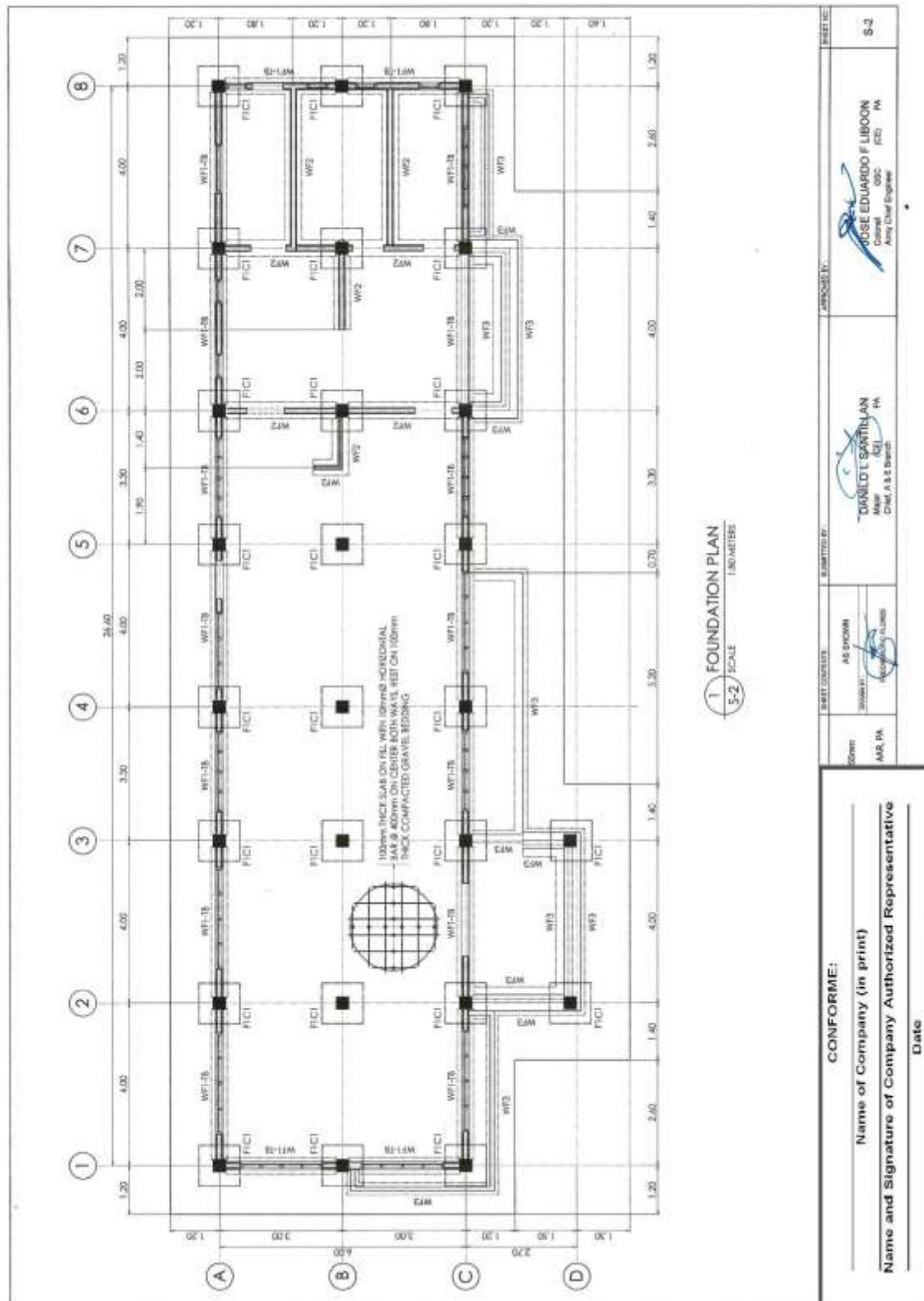
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

<p>GENERAL NOTES</p> <ol style="list-style-type: none"> IN THE INTERPRETATION OF THE DRAWING, INDICATED DIMENSIONS SHALL CONTROL AND DISTANCES AND SIZES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES. IN REFERENCE TO OTHER DRAWINGS, SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS IN FLOOR SLABS, OPENINGS IN THE WALLS AND SLABS, INTERIOR PARTITIONS, LOCATION OF DOORS ETC. IN CASE OF DISCREPANCIES AS TO THE LAYOUT, DIMENSIONS, AND ELEVATIONS BETWEEN THE STRUCTURAL PLANS, AND ARCHITECTURAL DRAWINGS, THE CONTRACTOR SHALL NOTIFY BOTH THE STRUCTURAL ENGINEER AND THE ARCHITECT. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE ACI 318 - 05 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE. ALL STRUCTURAL STEEL WORK SHALL BE DONE IN ACCORDANCE WITH THE AISC SPECIFICATION (SEE EDITION) IN SO FAR AS THEY DO NOT CONFLICT WITH THE LOCAL BUILDING CODE REQUIREMENT. ACI REFERS TO AMERICAN CONCRETE INSTITUTE, ASC TO AMERICAN INSTITUTE OF STEEL CONSTRUCTION AND ASTM TO AMERICAN SOCIETY FOR TESTING MATERIALS. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS. SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEELS, MISCELLANEOUS IRON, PRE-CAST CONCRETE, ETC. SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL BEFORE FABRICATION. CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CURBS, SILLS, STOKLS, EQUIPMENTS AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS. ALL RESULTS OF MATERIAL TESTING FOR CONCRETE, REINFORCING BARS, & STRUCTURAL STEEL MUST BE NOTED & APPROVED BY THE STRUCTURAL DESIGNER. 	<p>NOTES ON CONCRETE MIXES & PLACING</p> <ol style="list-style-type: none"> ALL CONCRETE SHALL DEVELOP A MIN. COMPRESSIVE STRENGTH AT THE END OF TWENTY (20) DAYS W/ CORRESPONDING MAXIMUM SIZE AGGREGATE & SLUMPS AS FOLLOWS: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>LOCATION</th> <th>28 DAYS STRENGTH</th> <th>MAX. SIZE OF AGGREGATE</th> <th>MAX. SLUMP</th> </tr> </thead> <tbody> <tr> <td>ALL OTHERS, INCLUDING:</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> <tr> <td>SUSPENDED SLABS,</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> <tr> <td>COLUMNS</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> <tr> <td>BEAMS, SLABS</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> <tr> <td>SLAB ON FILL</td> <td>3000 PSI (20.70 MPa)</td> <td>20mm</td> <td>100mm</td> </tr> </tbody> </table> <ol style="list-style-type: none"> MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SLAB ON GRADE</th> <th>WALLS ABOVE GRADE</th> <th>BEAM STIRRUPS AND COLUMN TIES</th> <th>WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS</th> <th>WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH</th> </tr> </thead> <tbody> <tr> <td>20mm</td> <td>40mm</td> <td>25mm</td> <td>40mm</td> <td>50mm</td> </tr> <tr> <td>75mm</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <ol style="list-style-type: none"> CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION, RE-HANDLING OR PLACING SHALL BE DONE PRUDENTLY WITH BUCKETS, BUCKETS OR WHEELBARROWS. NO CHUTES WILL BE ALLOWED EXCEPT TO TRANSFER CONCRETE FROM HOPPERS TO BUCKETS, WHEELBARROWS OR BUCKETS IN WHICH CASE THEY SHALL NOT EXCEED SIX (6) METERS IN AGGREGATE LENGTH. NO DEPOSITING OF CONCRETE SHALL BE ALLOWED WITHOUT THE USE OF VIBRATORS UNLESS AUTHORIZED IN WRITING BY THE DESIGNERS AND ONLY FOR UNUSUAL CONDITIONS WHERE VIBRATIONS ARE EXTREMELY DIFFICULT TO ACCOMPLISH. 	LOCATION	28 DAYS STRENGTH	MAX. SIZE OF AGGREGATE	MAX. SLUMP	ALL OTHERS, INCLUDING:	3000 PSI (20.70 MPa)	20mm	100mm	SUSPENDED SLABS,	3000 PSI (20.70 MPa)	20mm	100mm	COLUMNS	3000 PSI (20.70 MPa)	20mm	100mm	BEAMS, SLABS	3000 PSI (20.70 MPa)	20mm	100mm	SLAB ON FILL	3000 PSI (20.70 MPa)	20mm	100mm	SLAB ON GRADE	WALLS ABOVE GRADE	BEAM STIRRUPS AND COLUMN TIES	WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS	WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	20mm	40mm	25mm	40mm	50mm	75mm					<p>NOTES ON FOOTINGS</p> <ol style="list-style-type: none"> FOOTING SHALL REST AT LEAST 150mm BELOW NATURAL GRADE LINE UNLESS OTHERWISE INDICATED IN PLANS. NO FOOTING SHALL REST ON FILL. MINIMUM CONCRETE PROTECTION FOR REINFORCEMENTS SHALL BE 75mm CLEAR FOR CONCRETE DEPOSITED THE GROUND AND 50mm FOR CONCRETE DEPOSITED AGAINST A FORMWORK. 	<p>TYP. DET. OF LINTEL BEAM AT CHB WALL OPENING</p> <p>SECTION</p>	<p>TYPICAL CONNECTION DETAIL OF MASONRY WALL</p> <p>CORNER WALL</p> <p>INTERSECTION WALL</p> <p>OPENING OR END WALL</p> <p>INTERSECTING R.C. COLUMN OR WALL</p>
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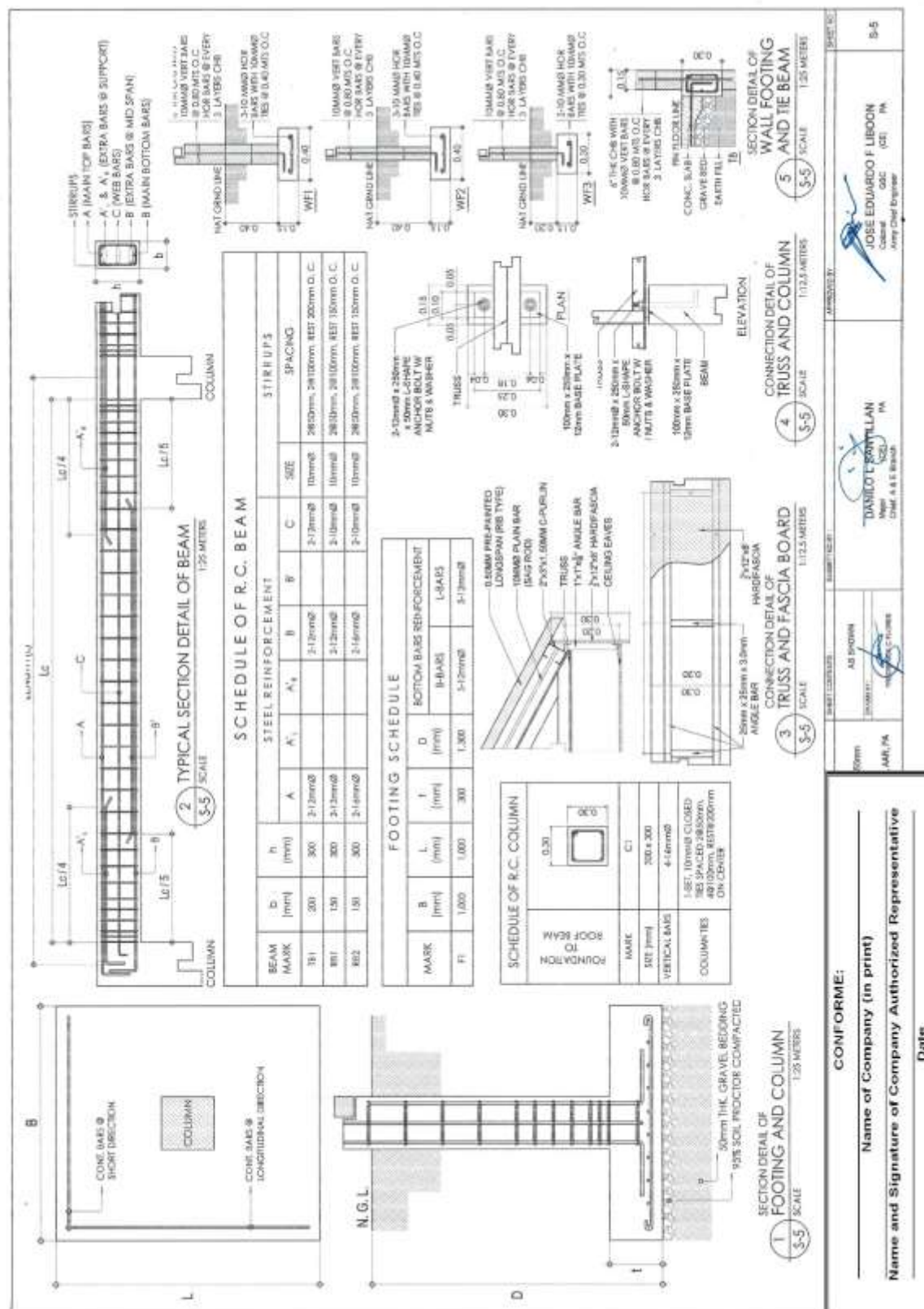
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**



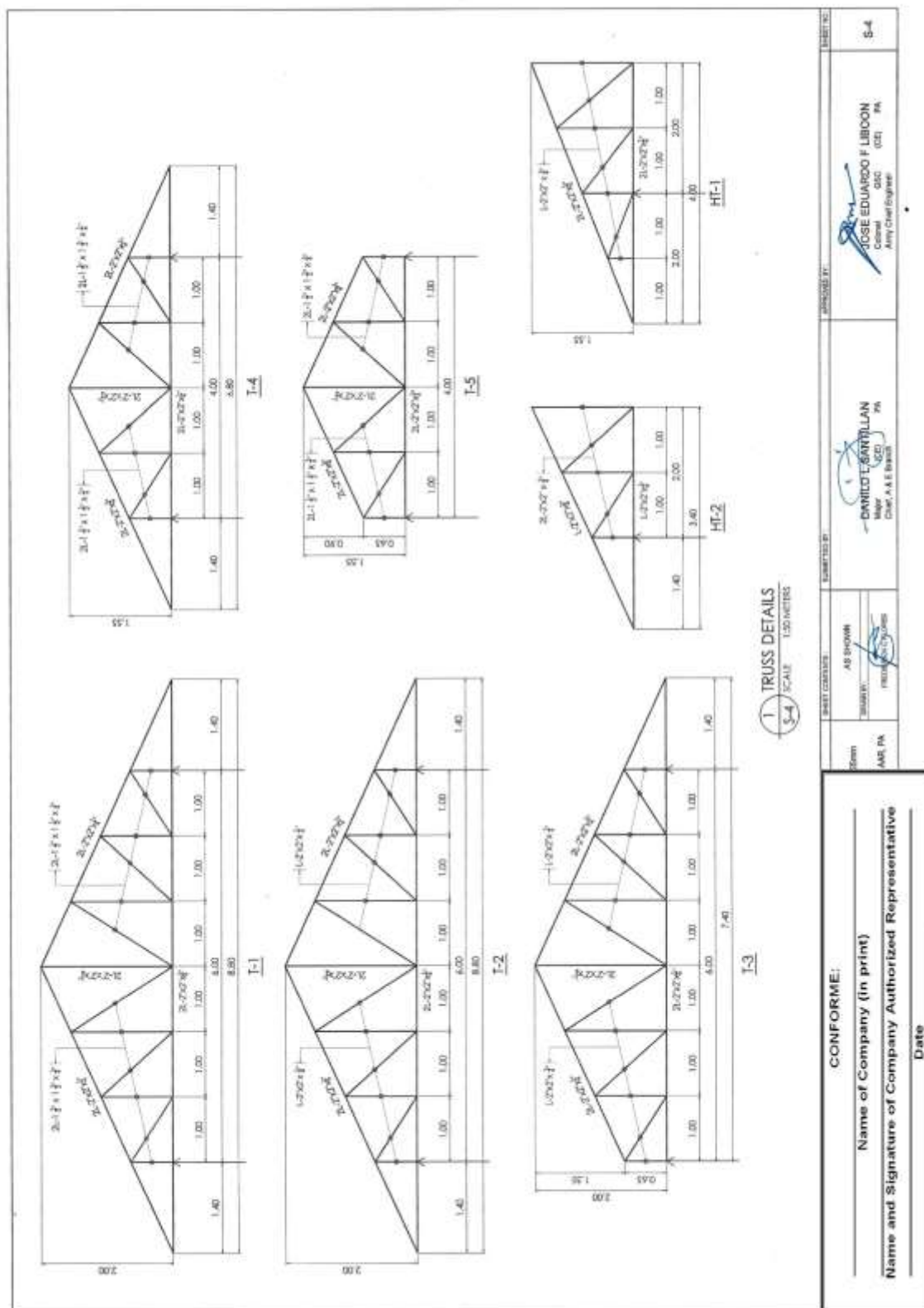
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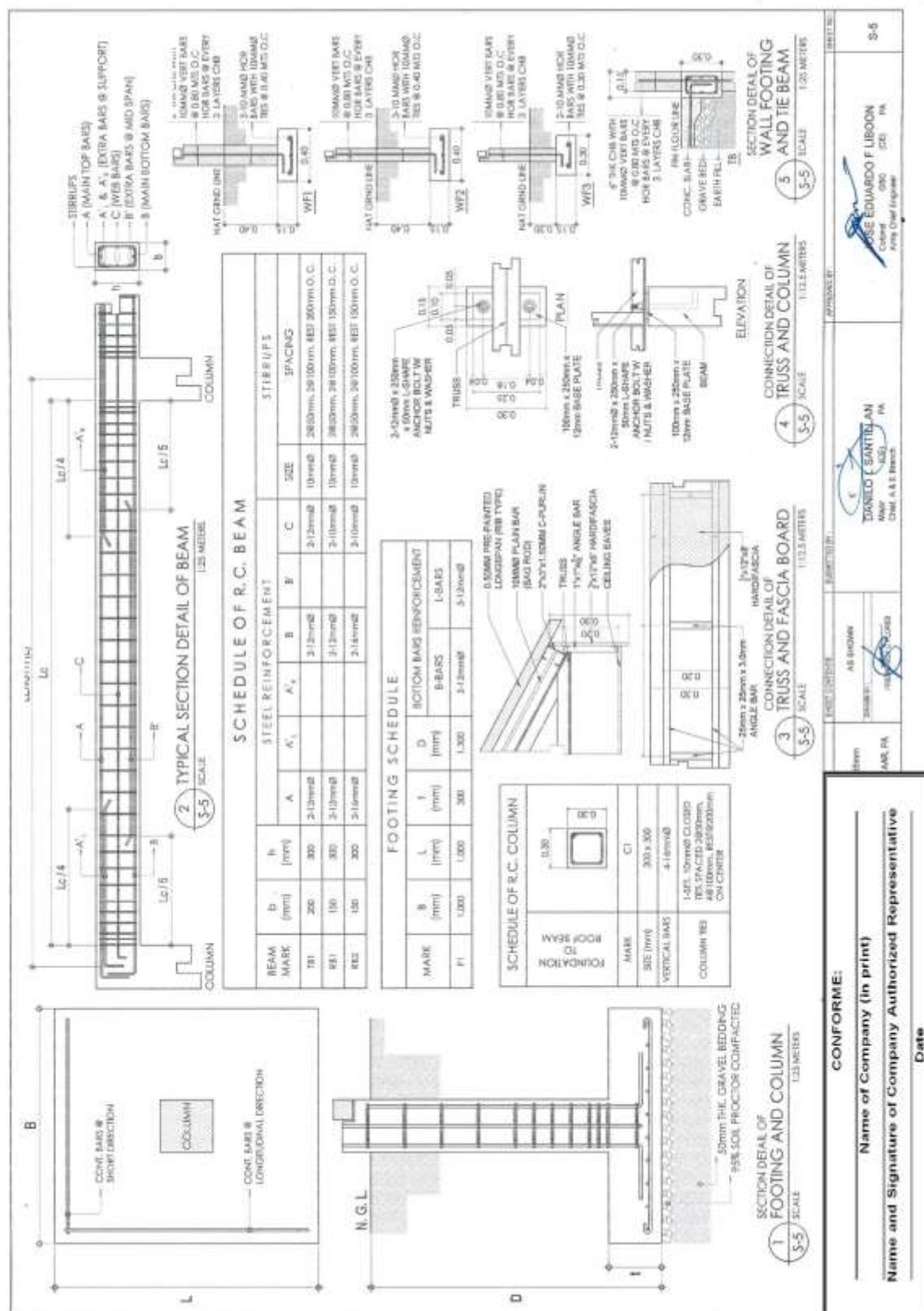
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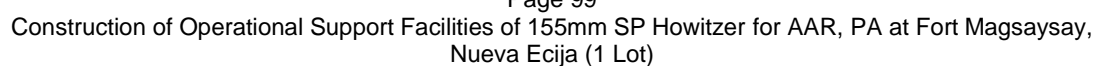


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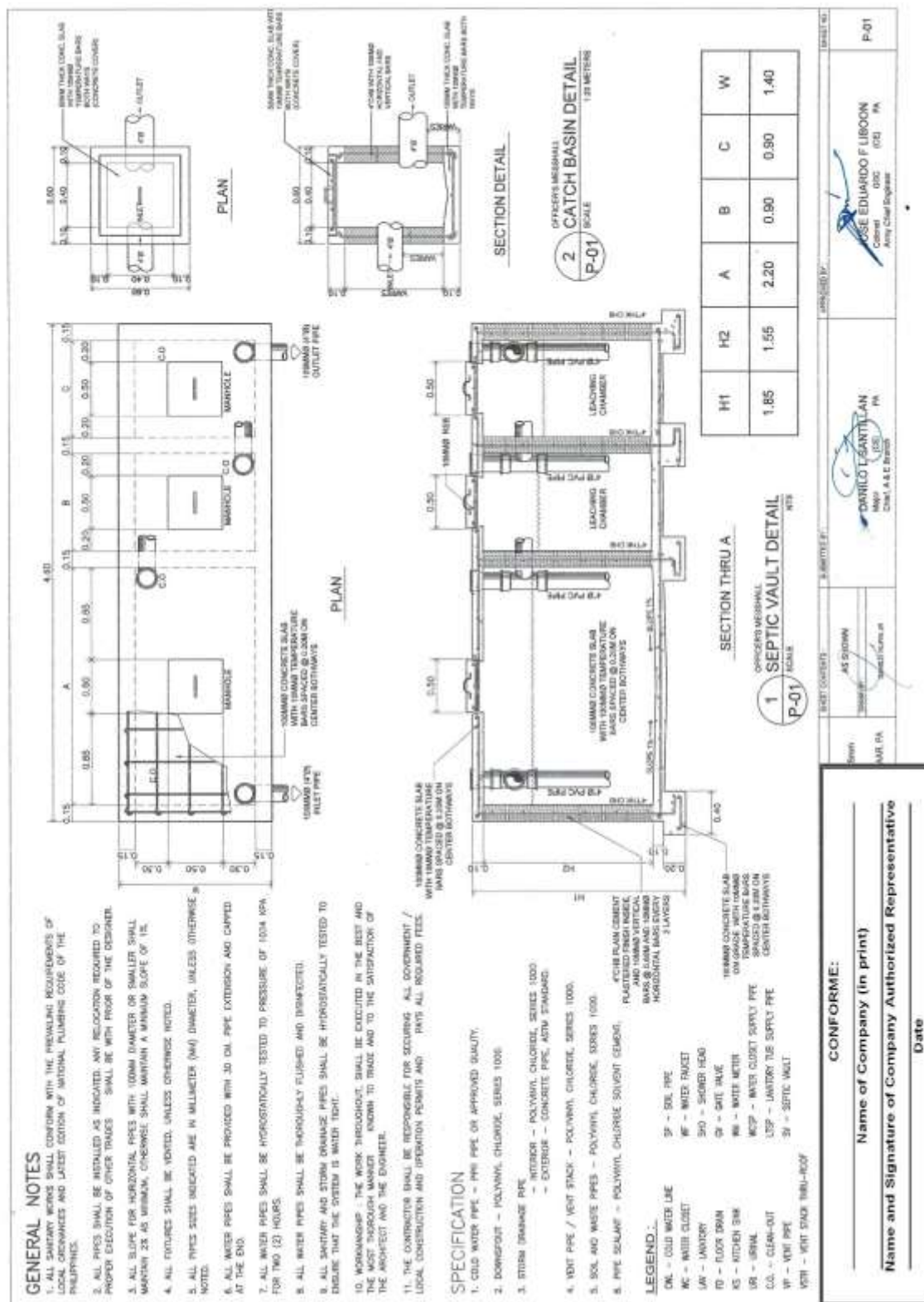


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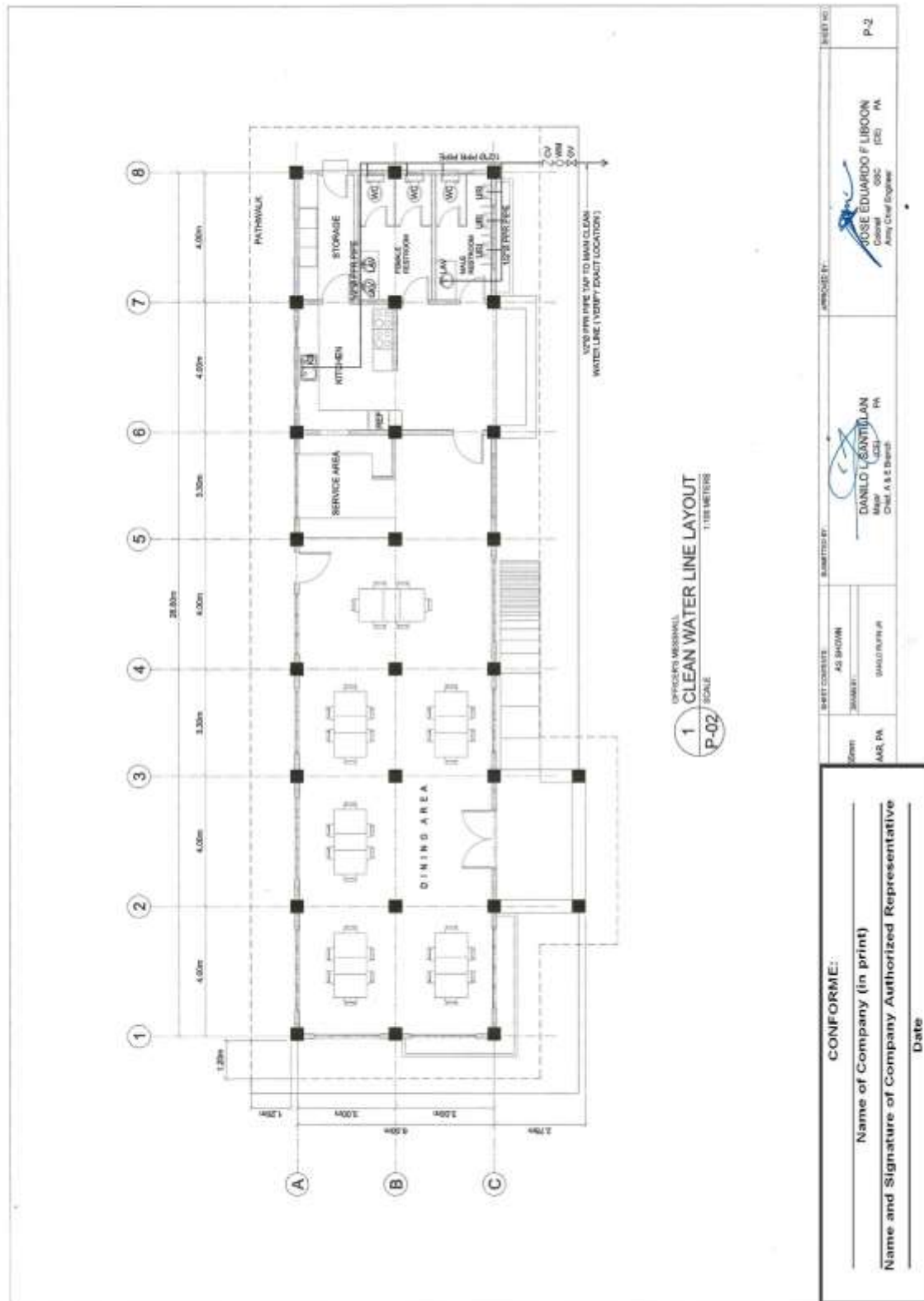
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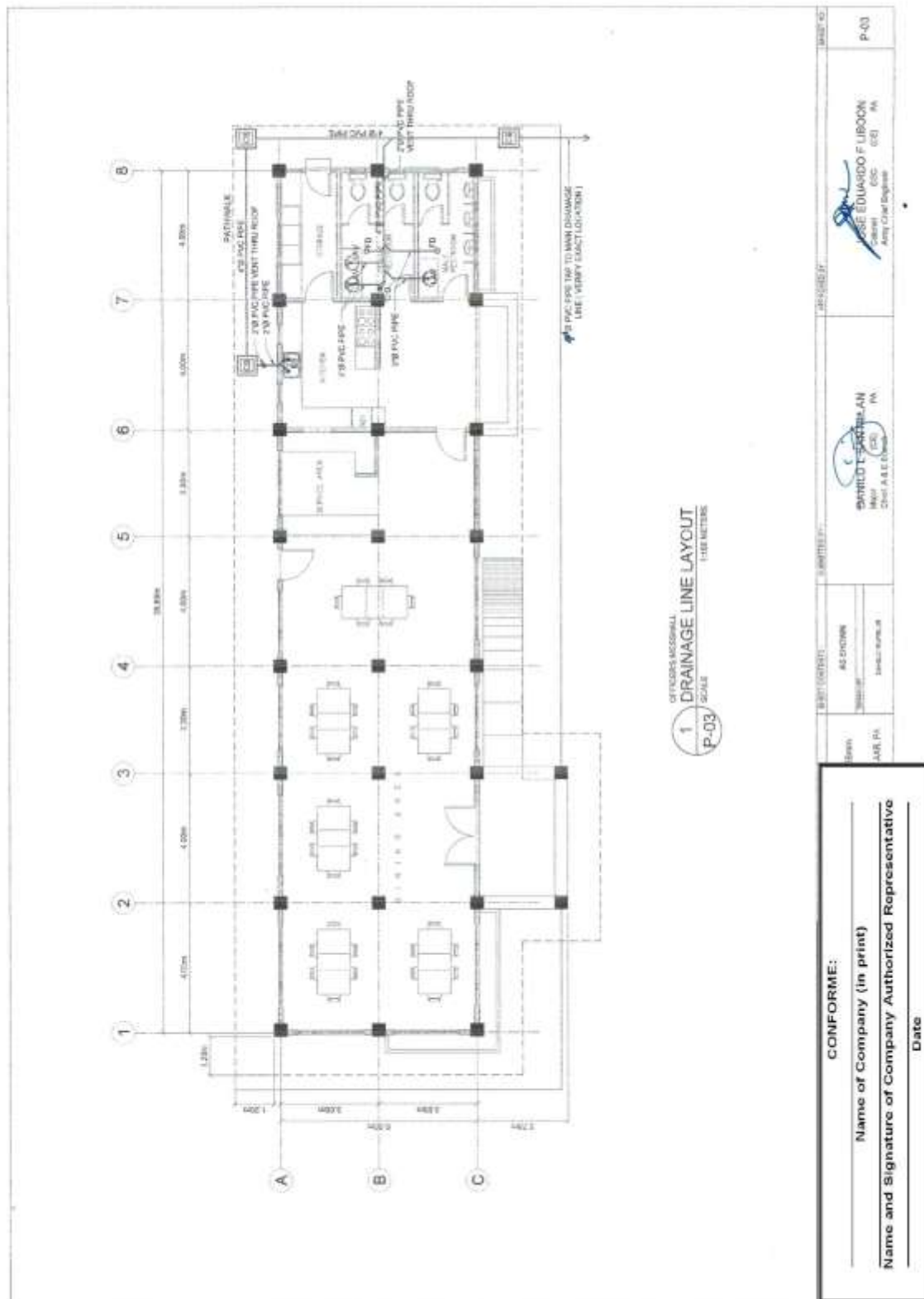
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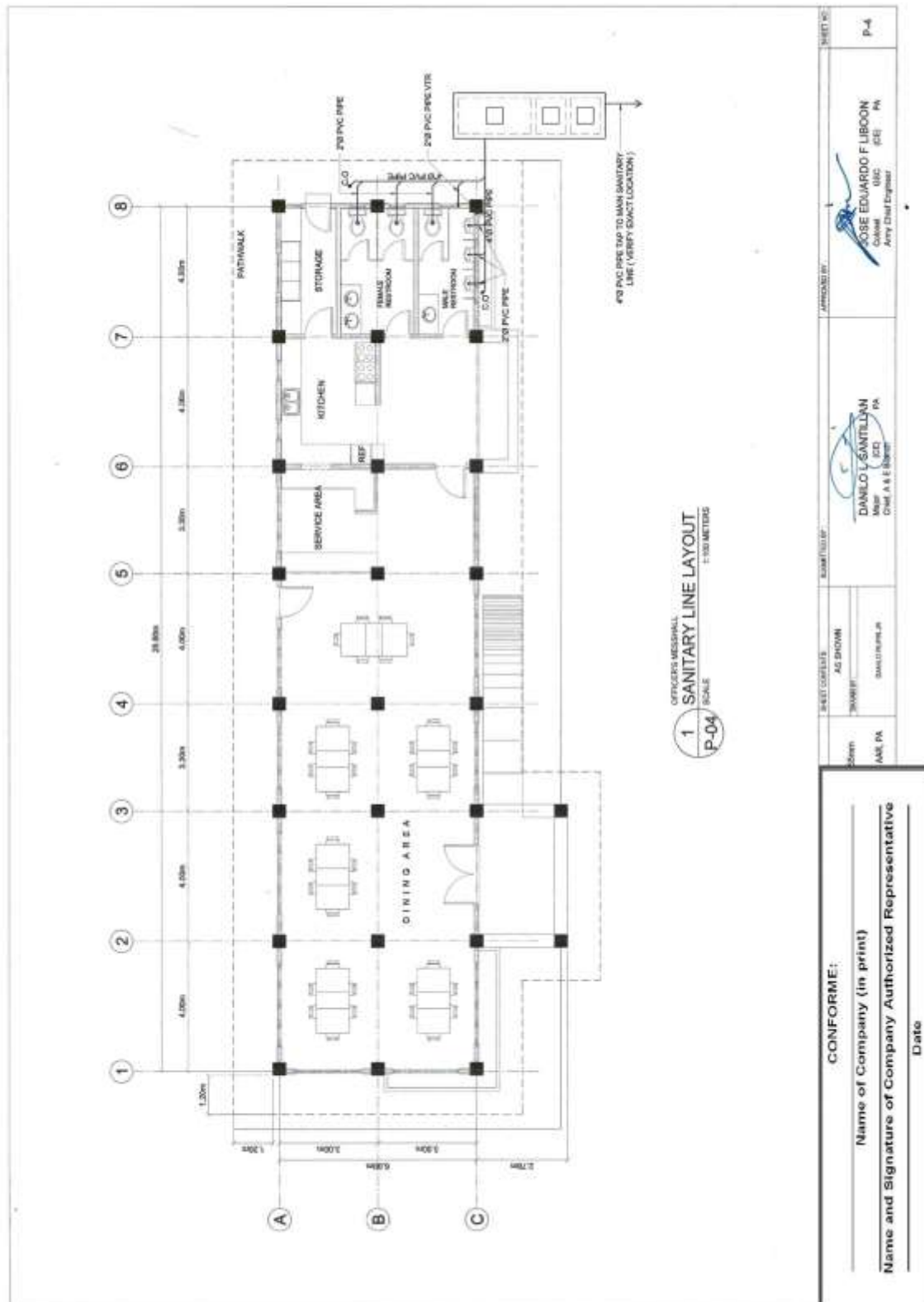
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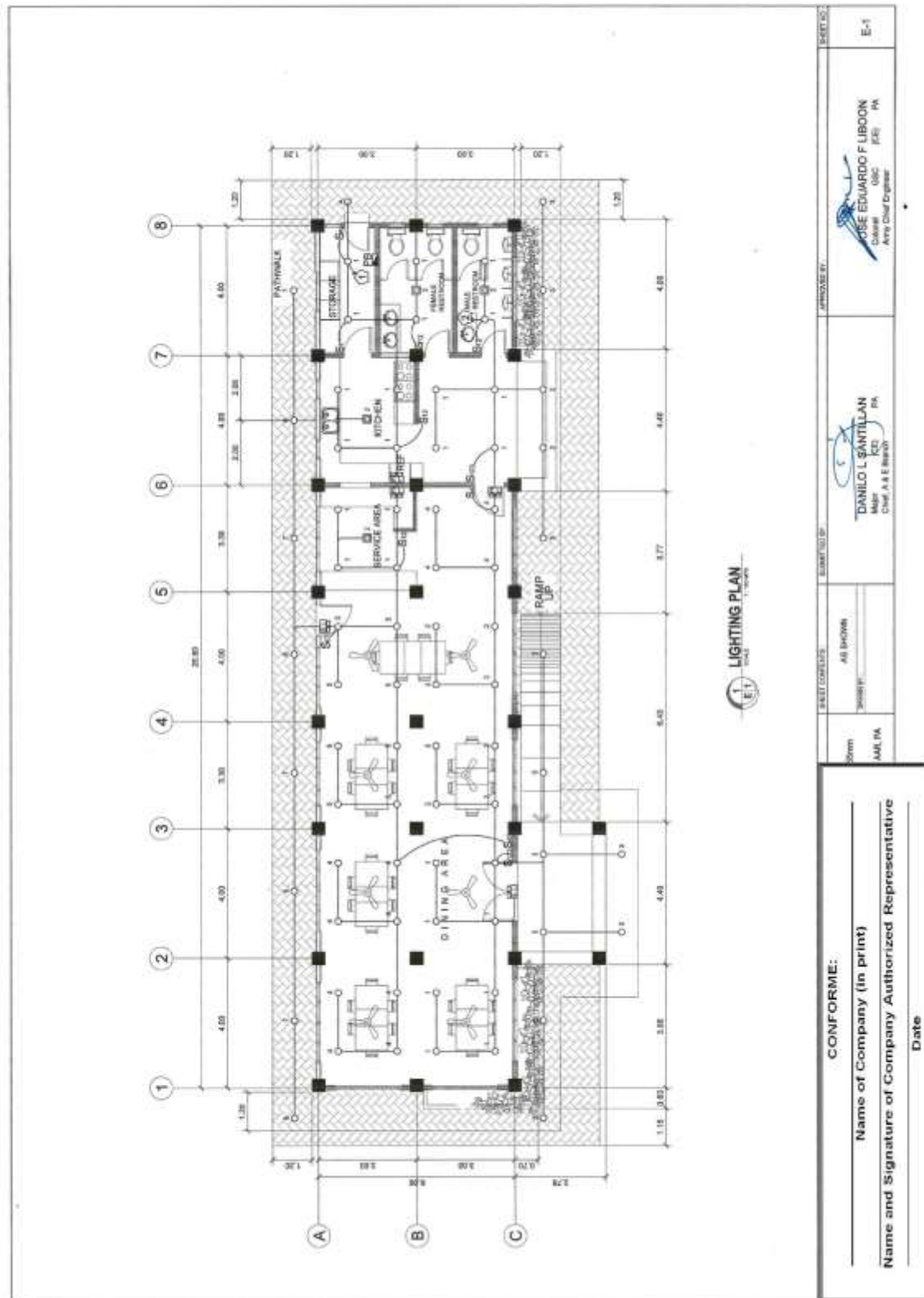
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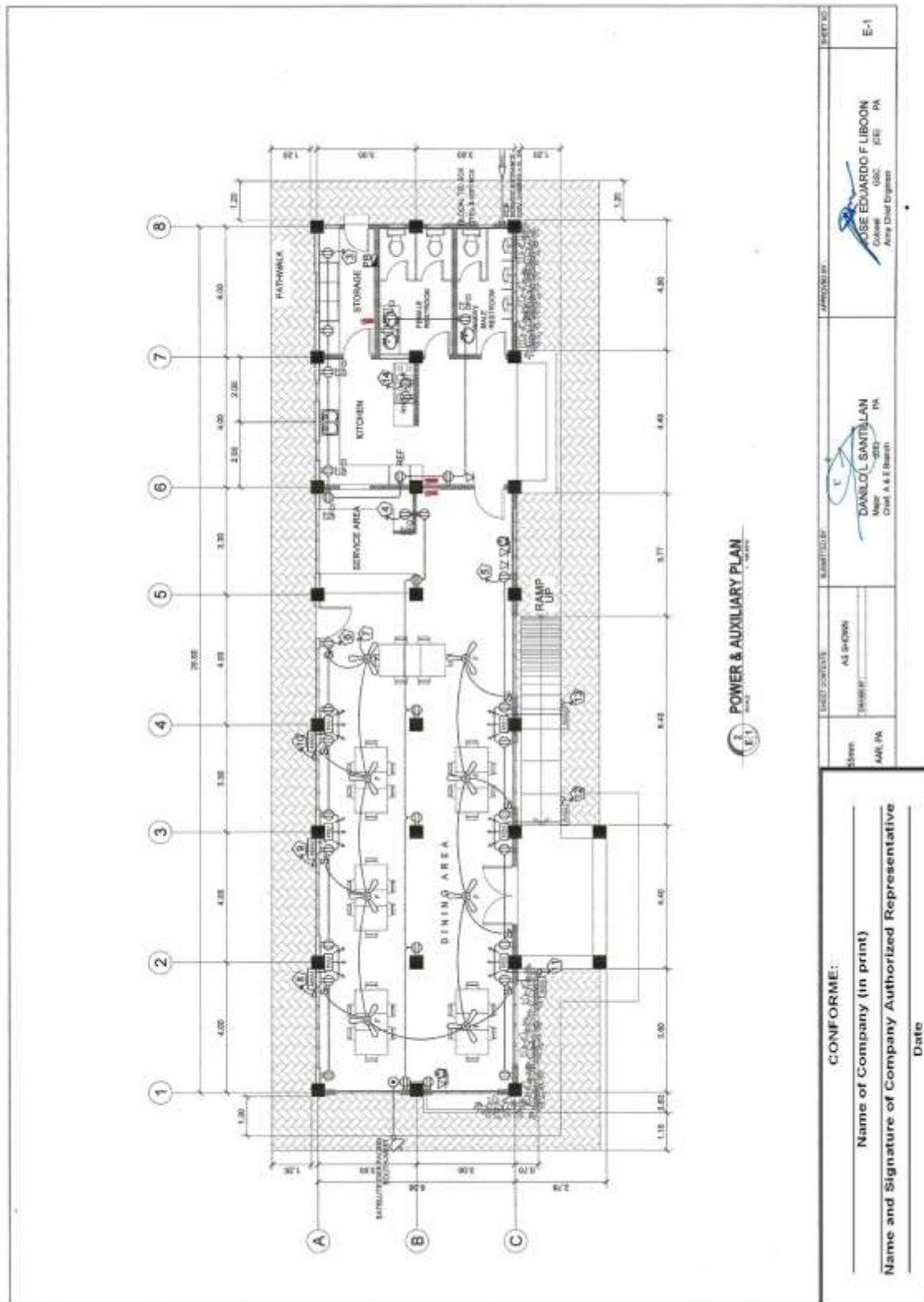
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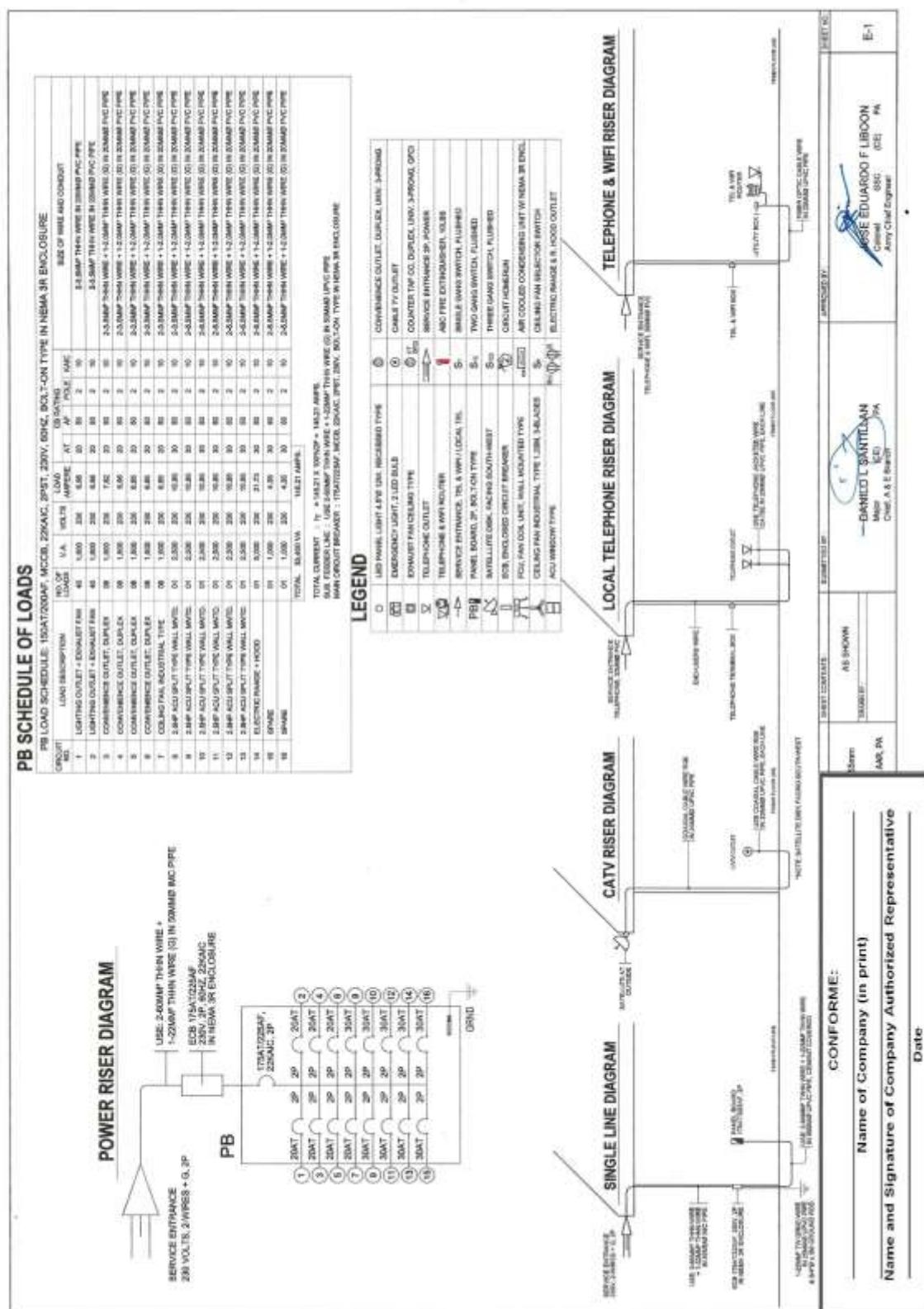
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
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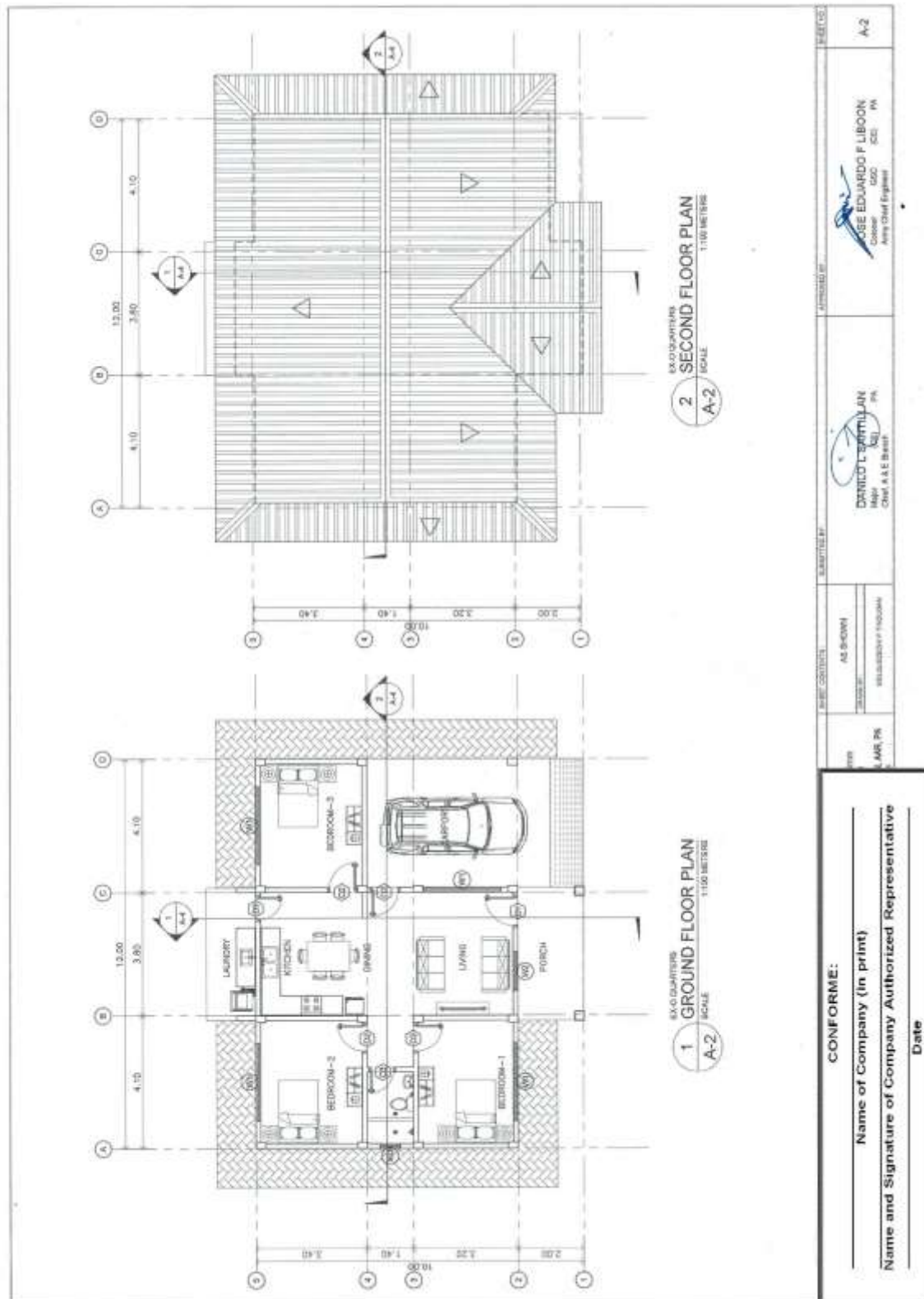
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	<p align="center">1 PERSPECTIVE A-1 NOT TO SCALE</p>	<p align="center">2 VICINITY MAP A-1 NOT TO SCALE</p>	<p align="center">3 LOCATION MAP A-1 SCALE 1:500 METERS</p>	<p align="center">4 SITE LOCATION PLAN A-1 SCALE 1:200 METERS</p>	<p align="center">CONFORME:</p> <p align="center">Name of Company (in print) _____</p> <p align="center">Name and Signature of Company Authorized Representative _____</p> <p align="right">Date _____</p>	<p align="center">REMARKS:</p> <p>AS SHOWN</p> <p>DESIGNED BY: DANILLO L. SANTILLAN</p> <p>CHECKED BY: FRANCIS AGUIRRE</p> <p>APPROVED BY: EDUARDO F. LIRION</p> <p>DATE: 10/11/2023</p> <p>PROJECT NO: A-1</p>
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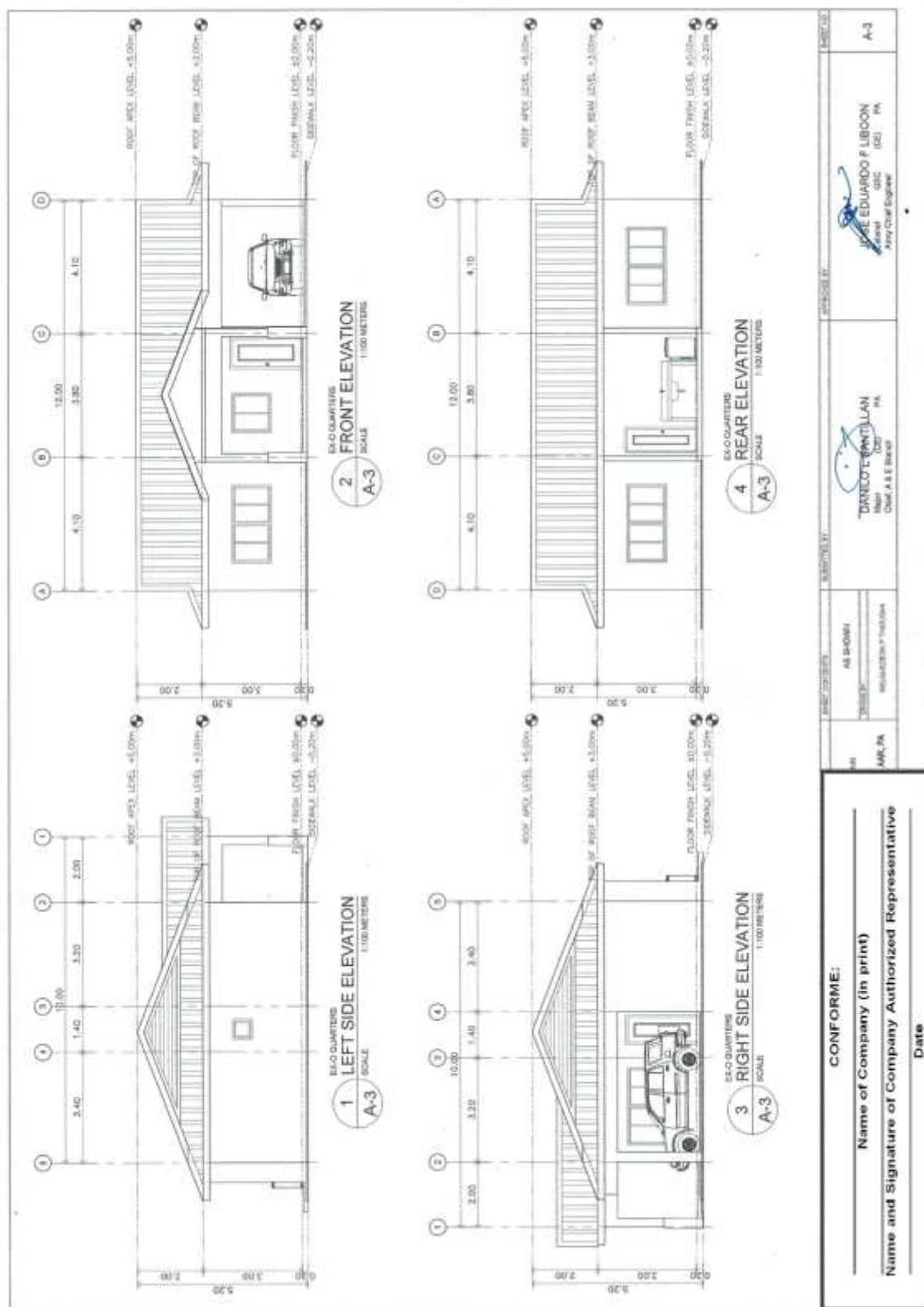
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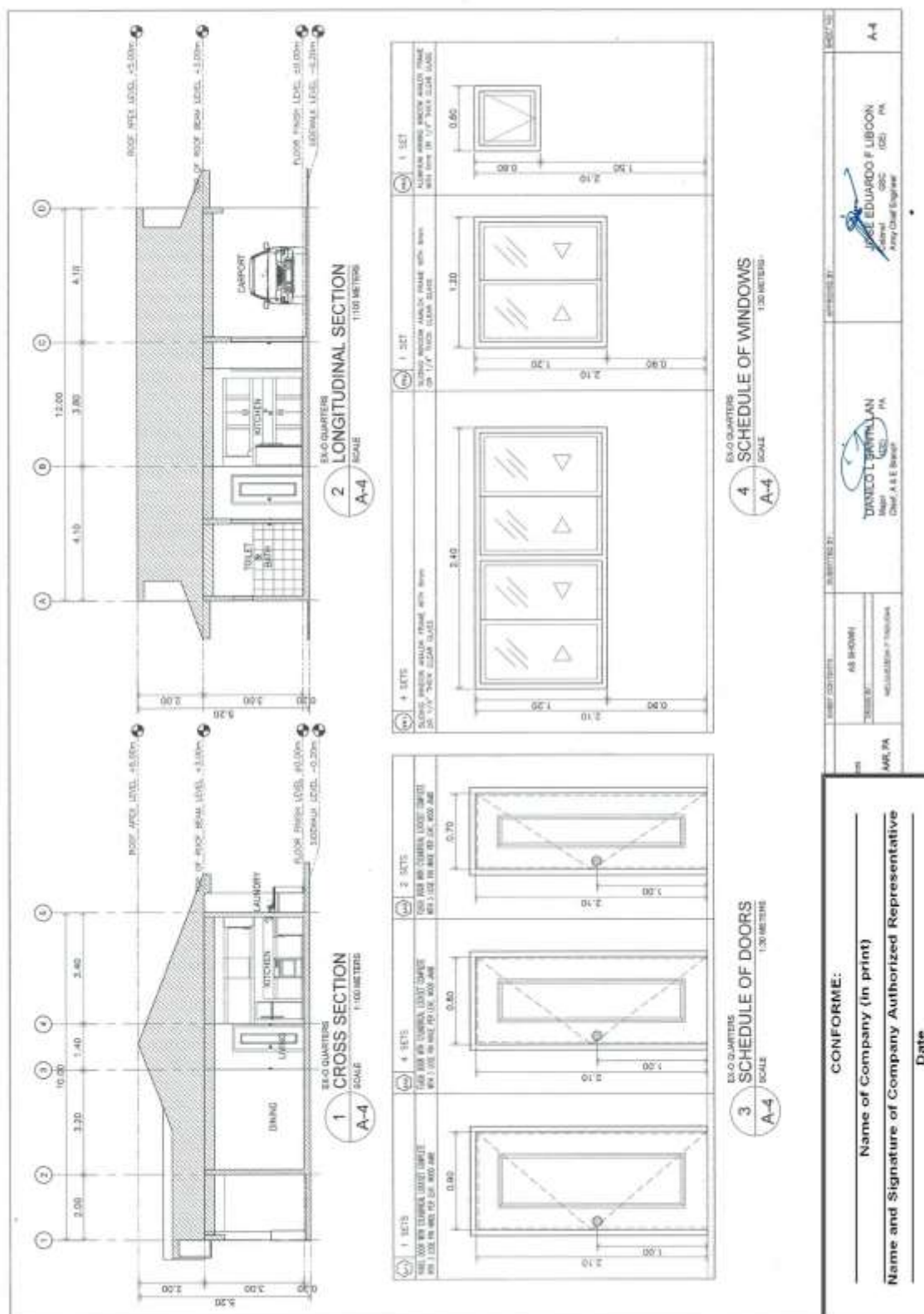
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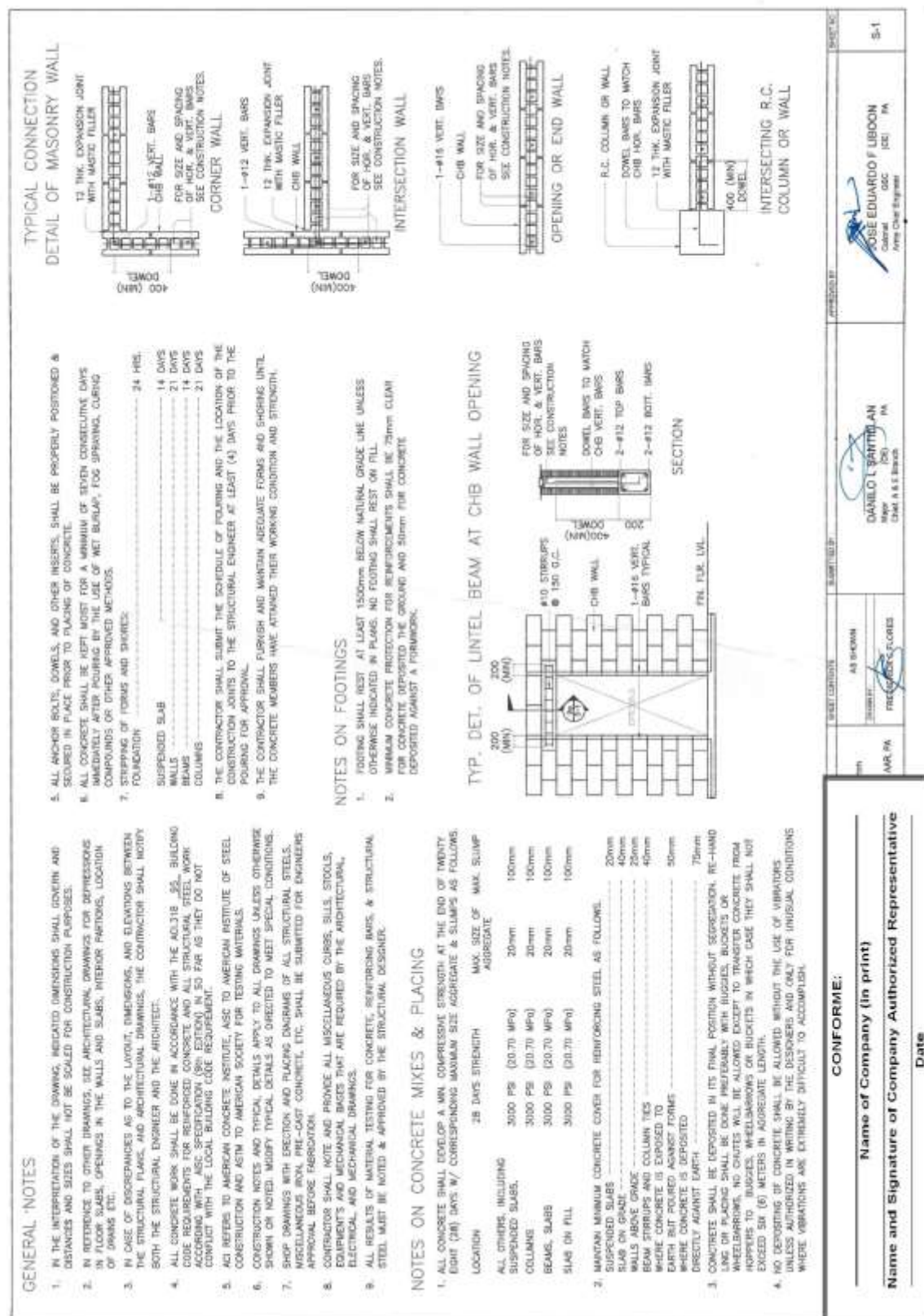
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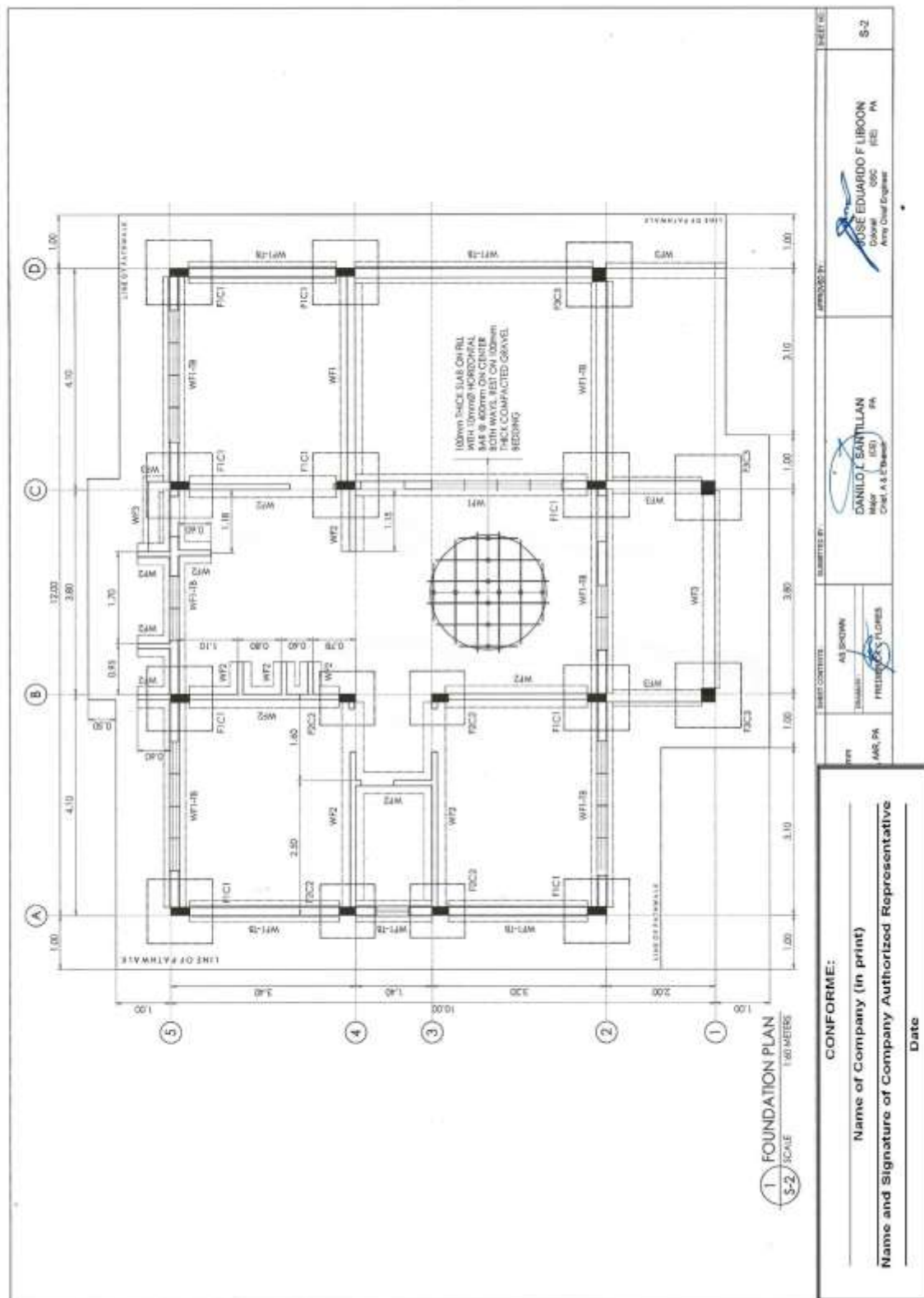
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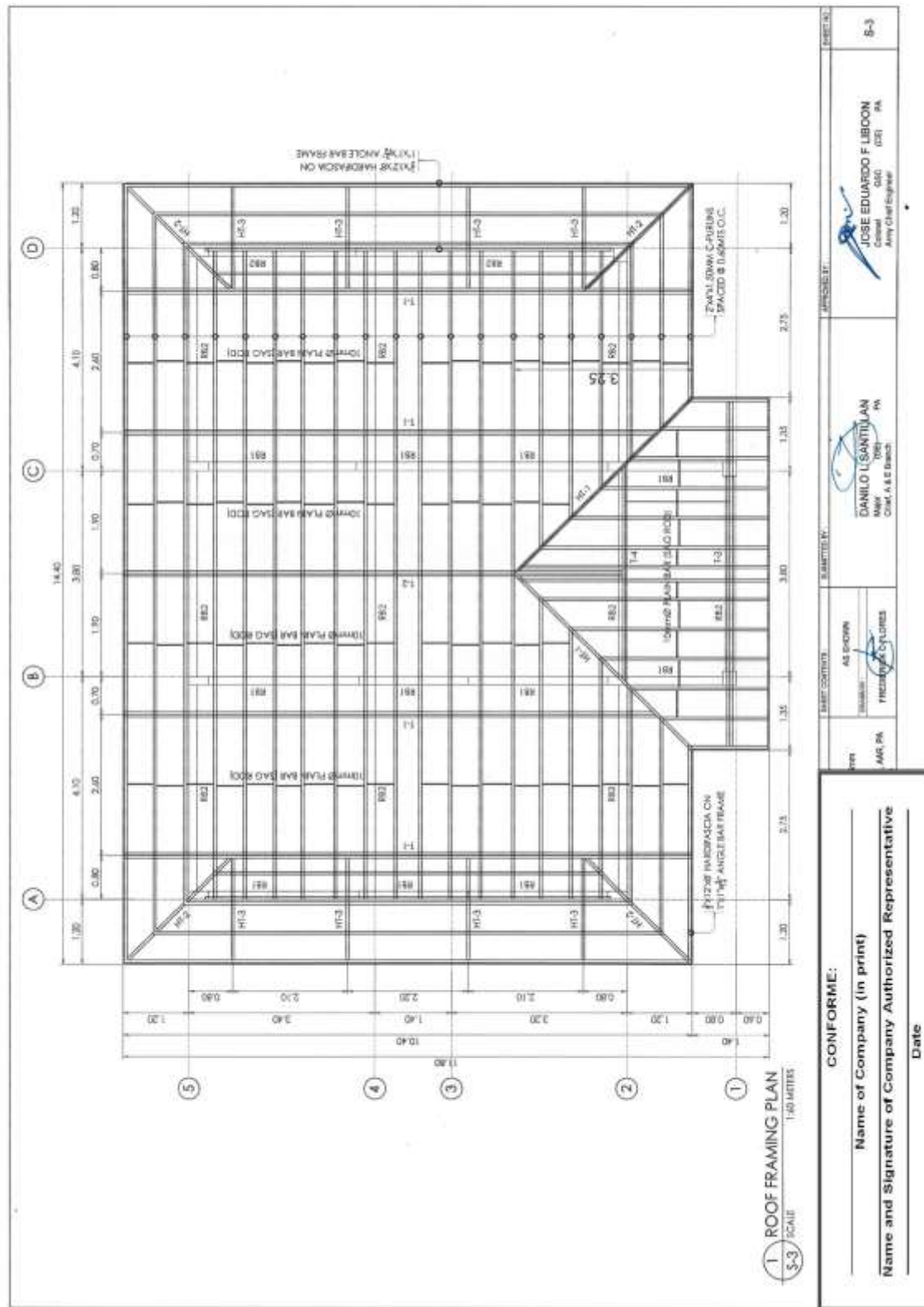
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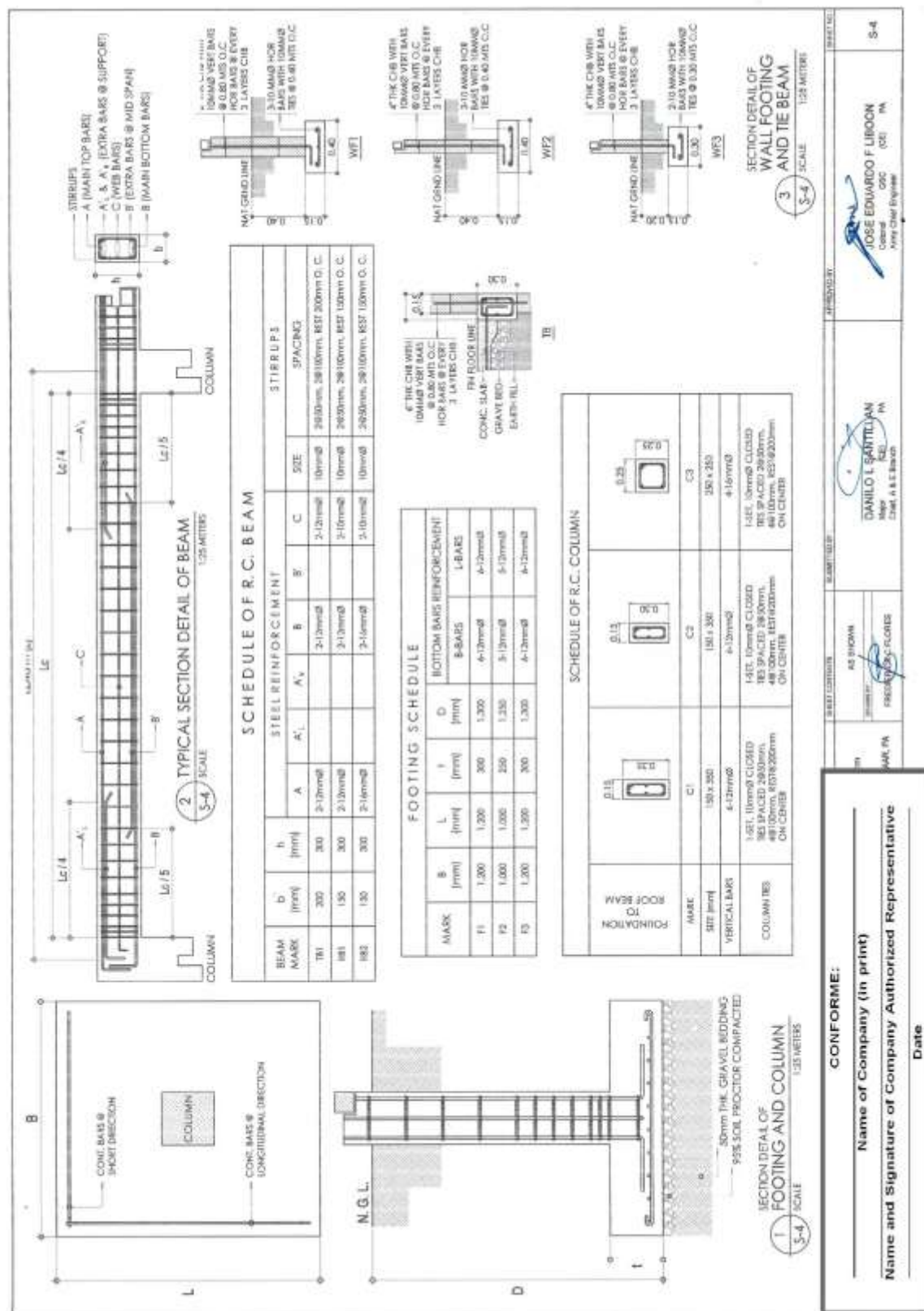
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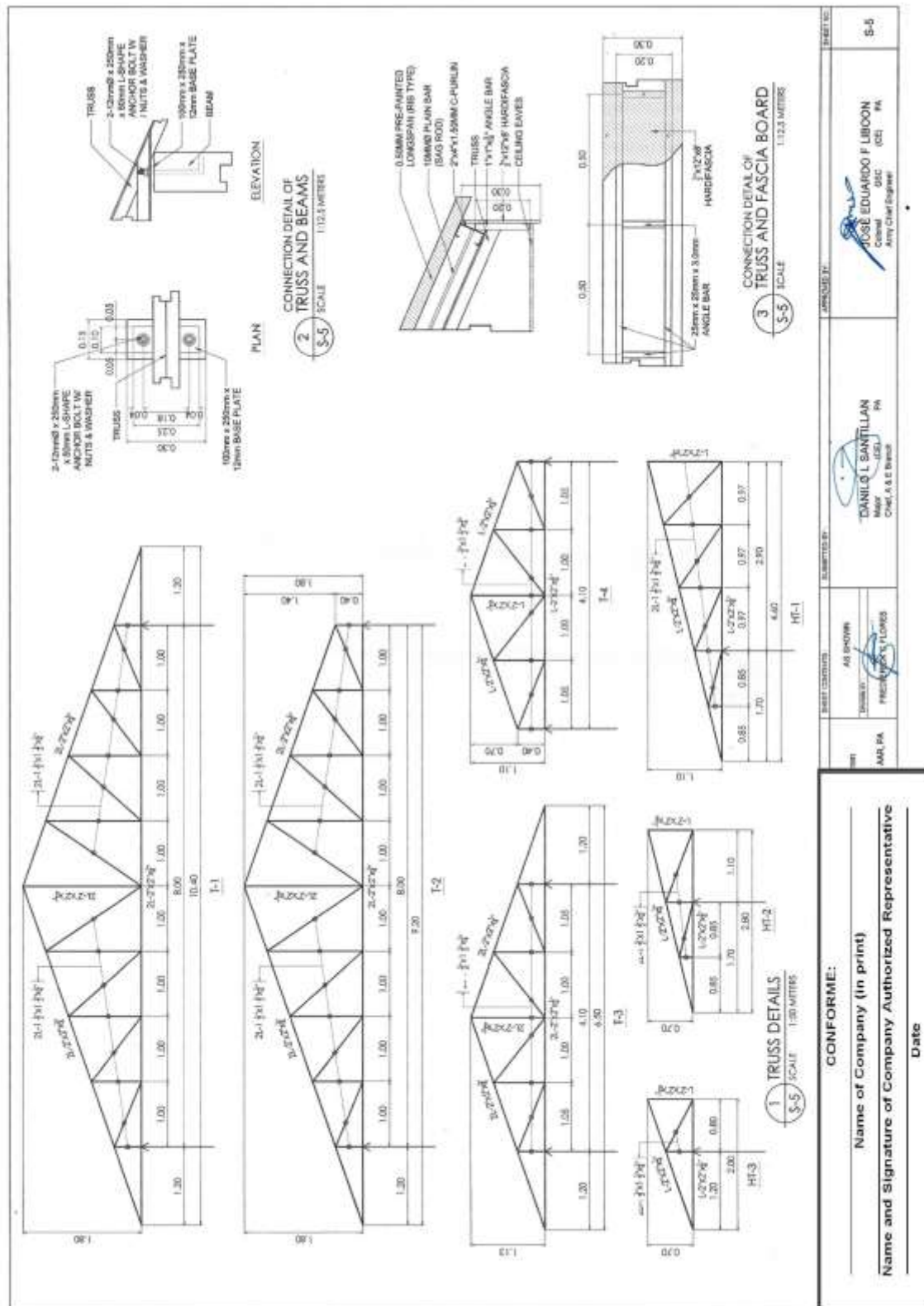
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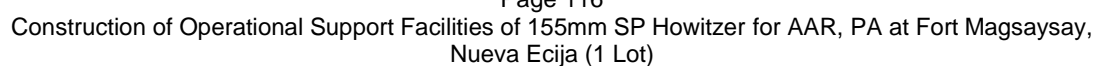


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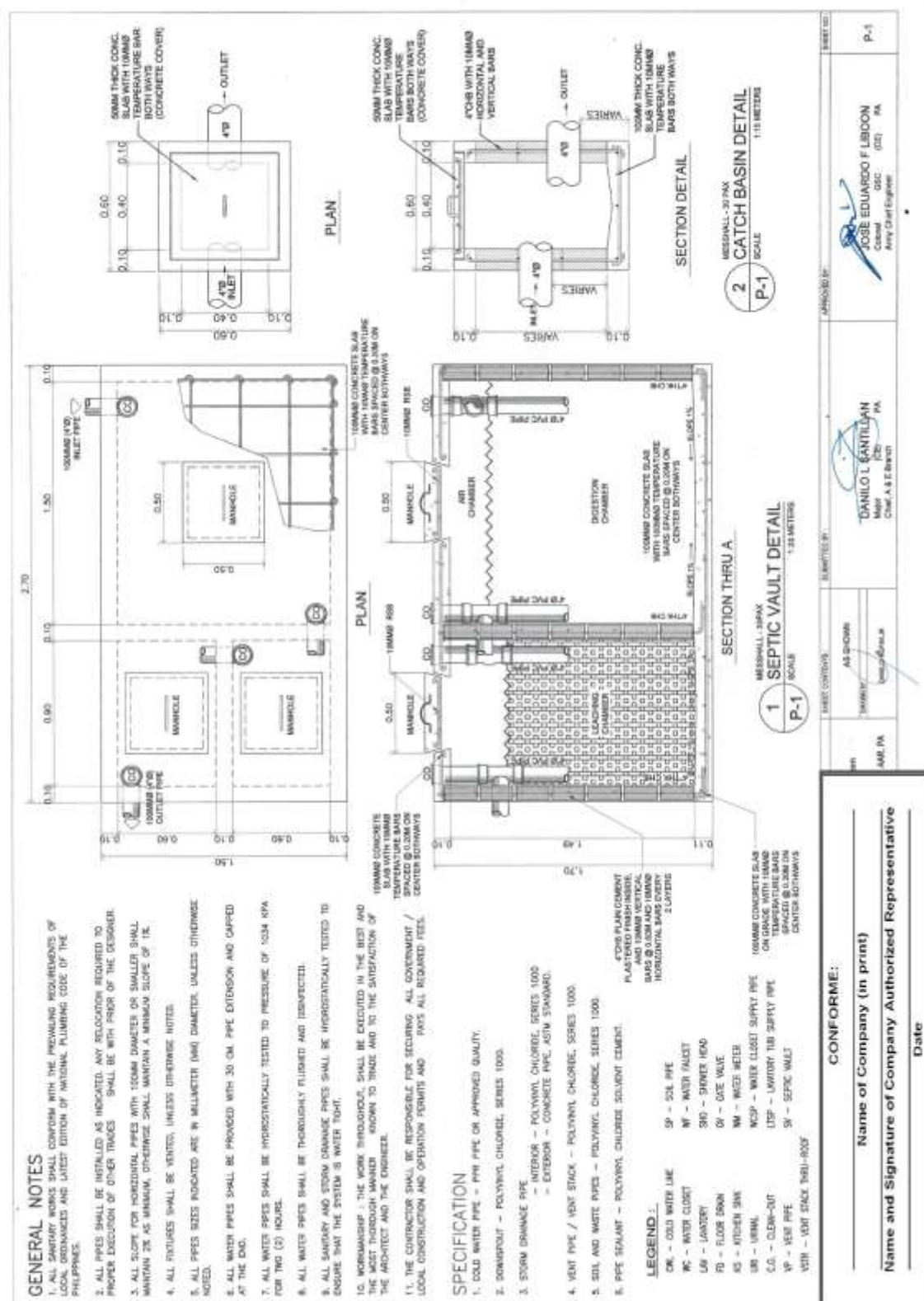


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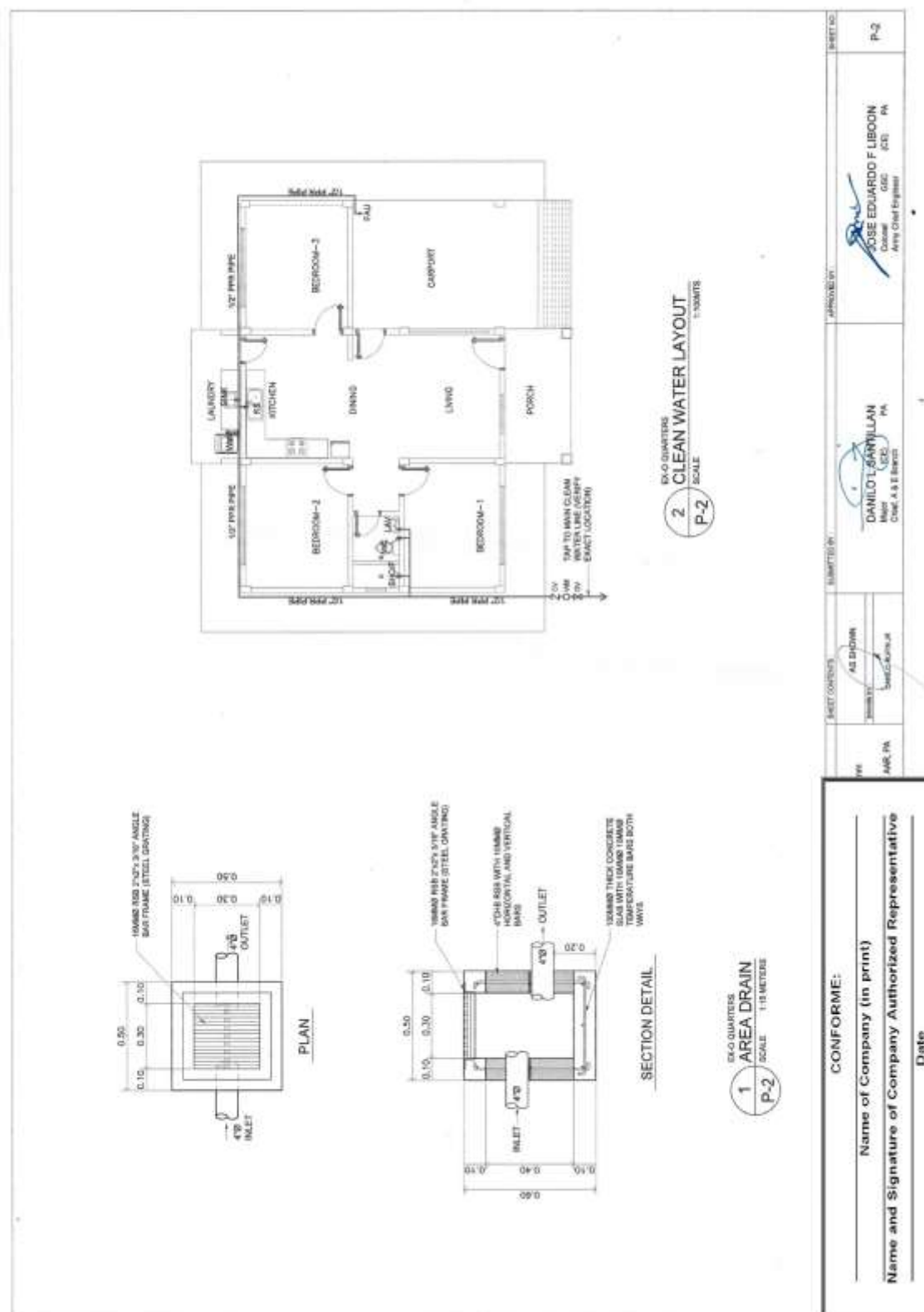
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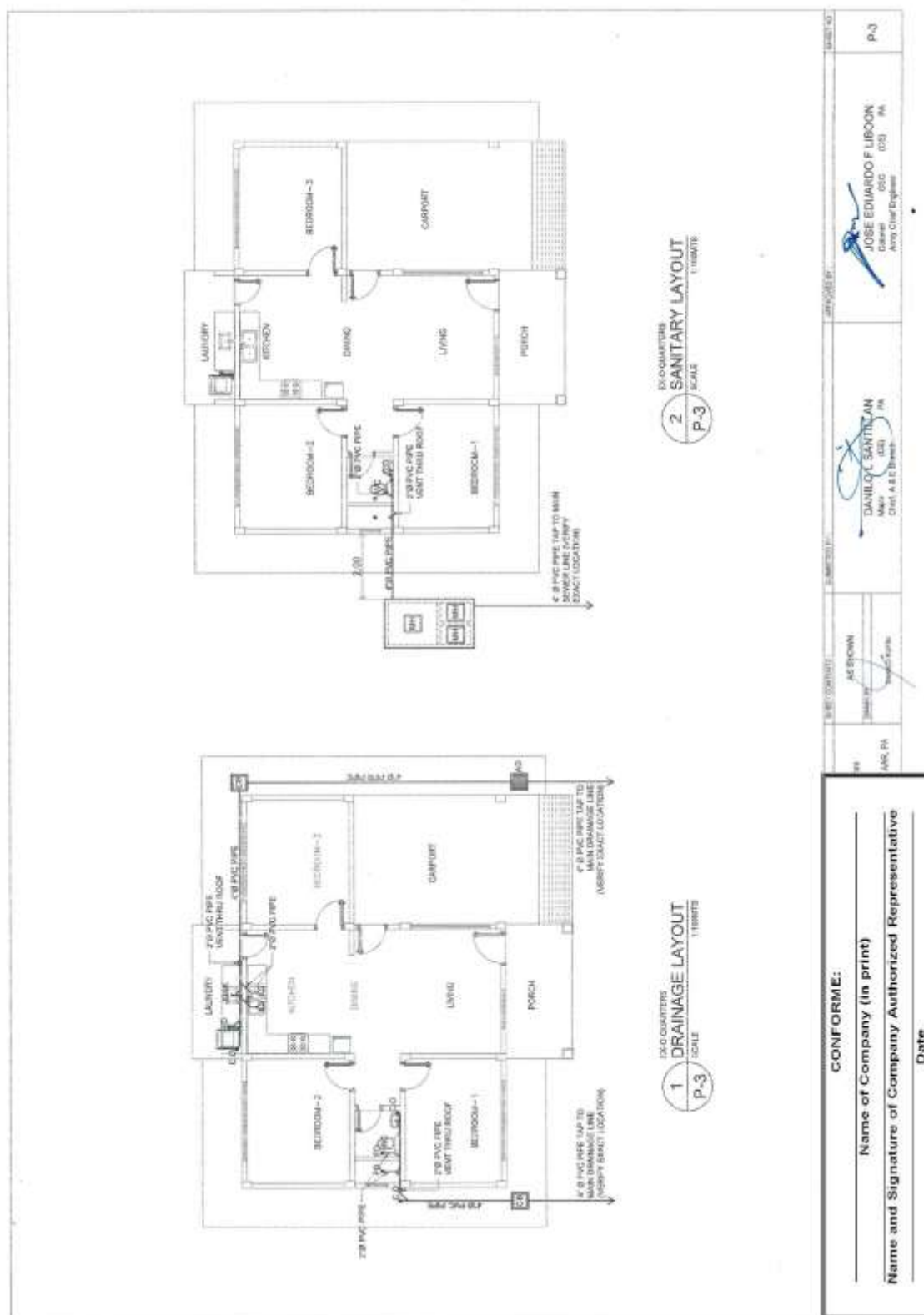
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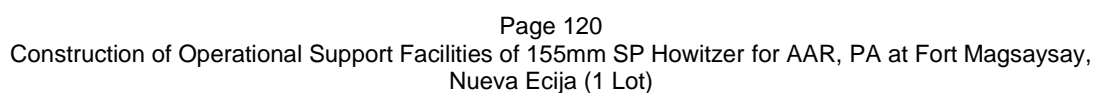


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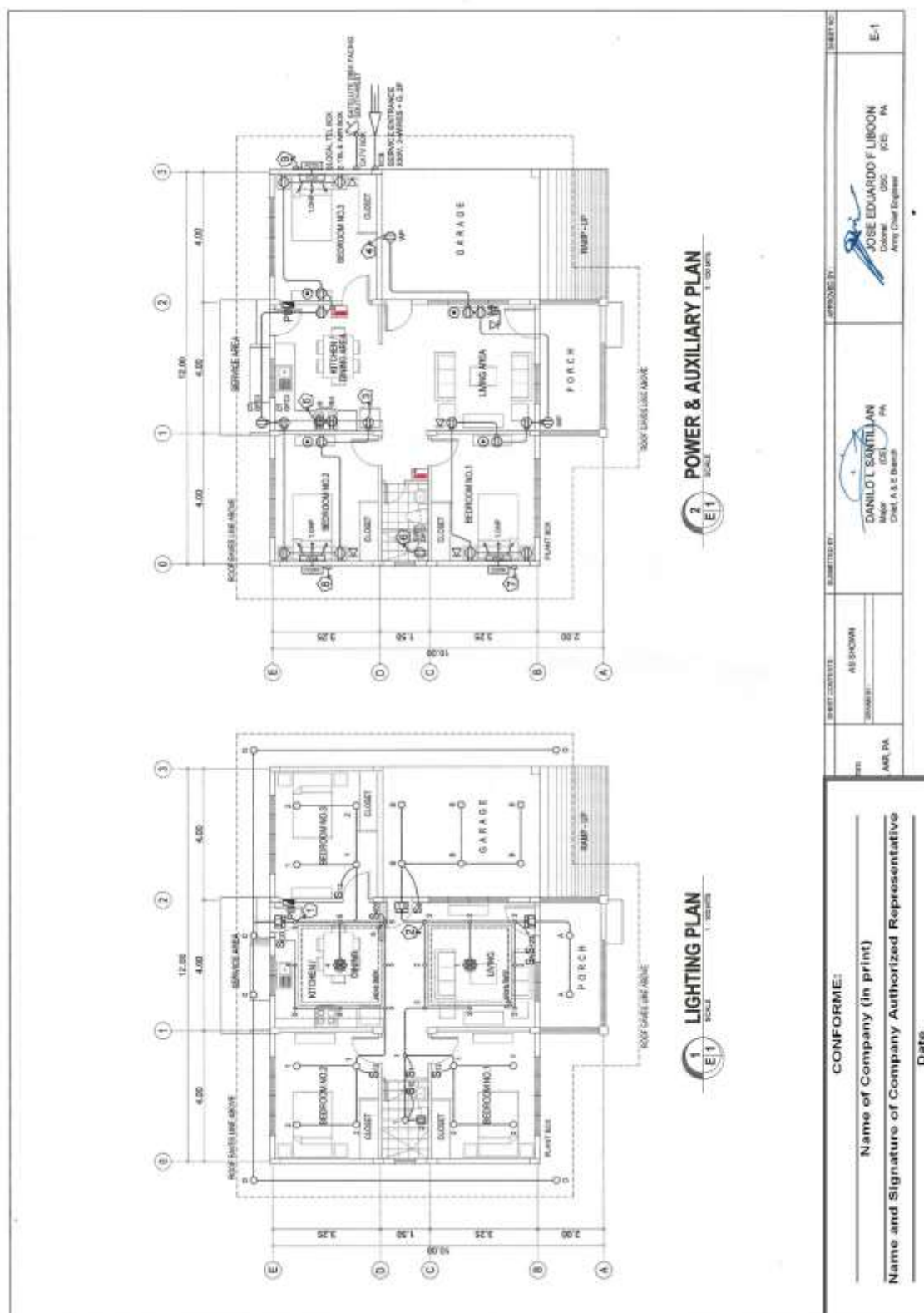
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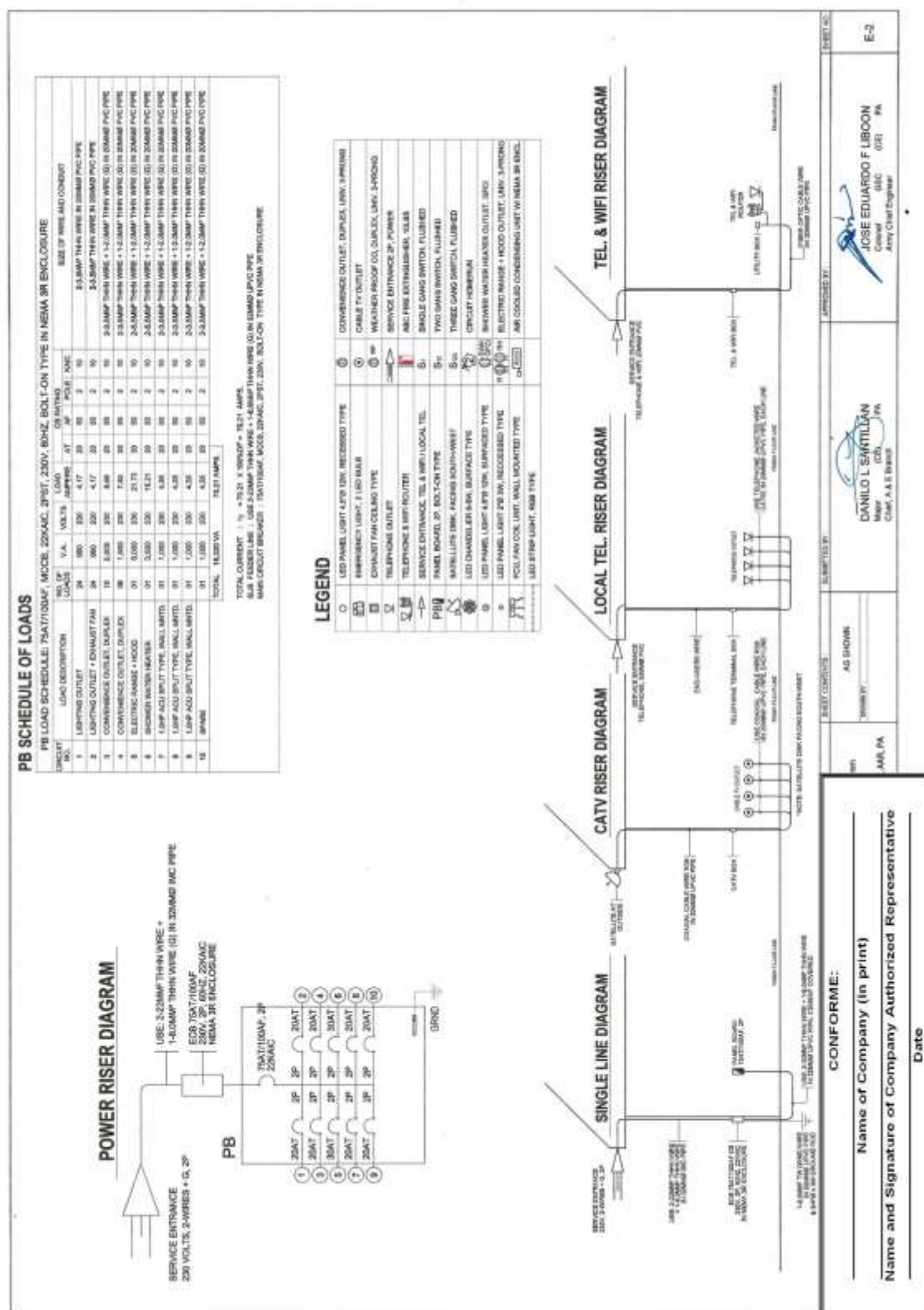
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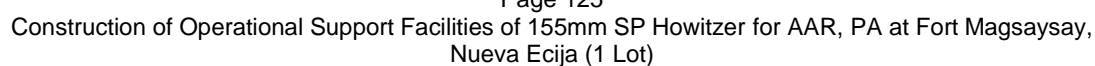


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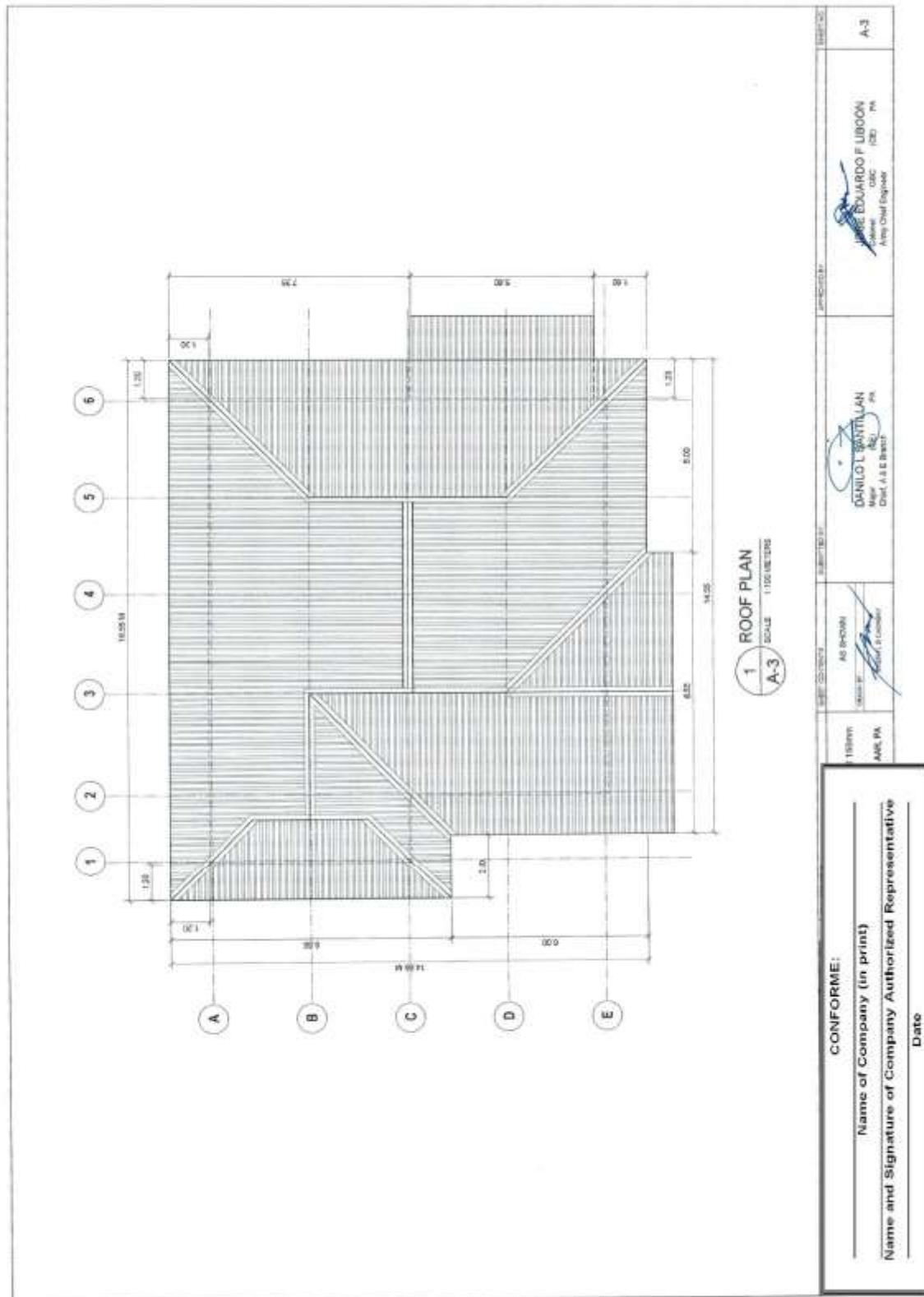
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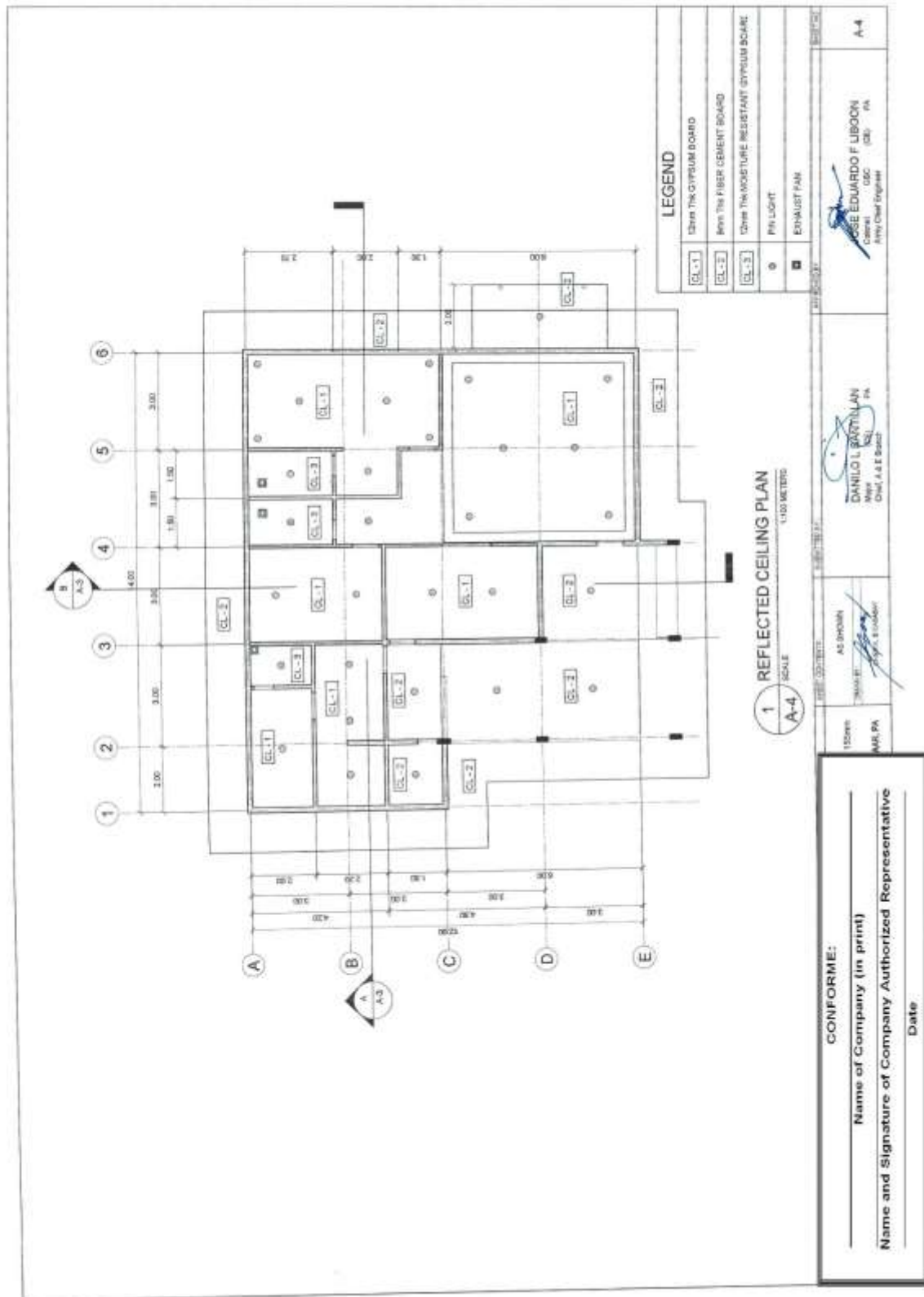
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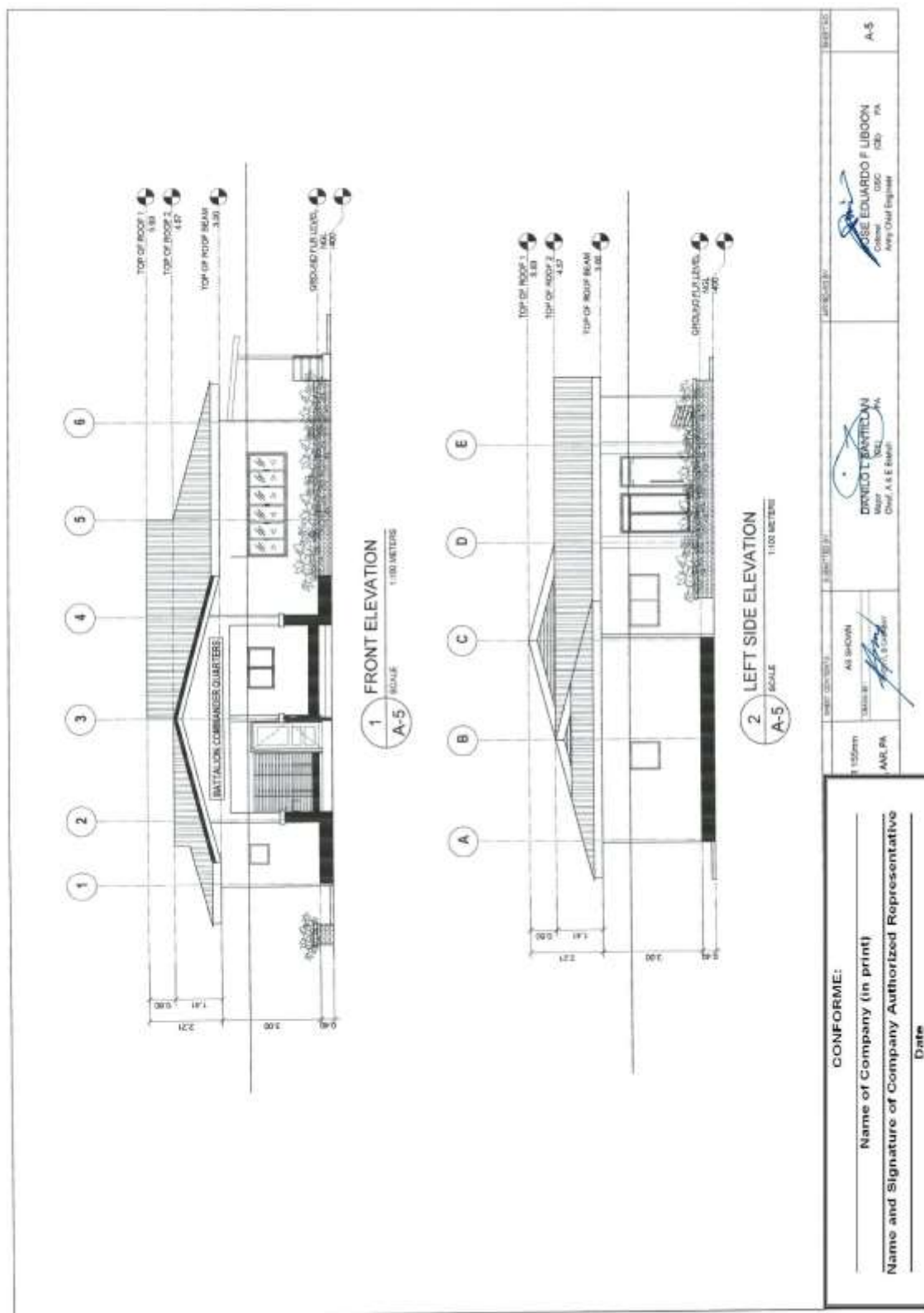
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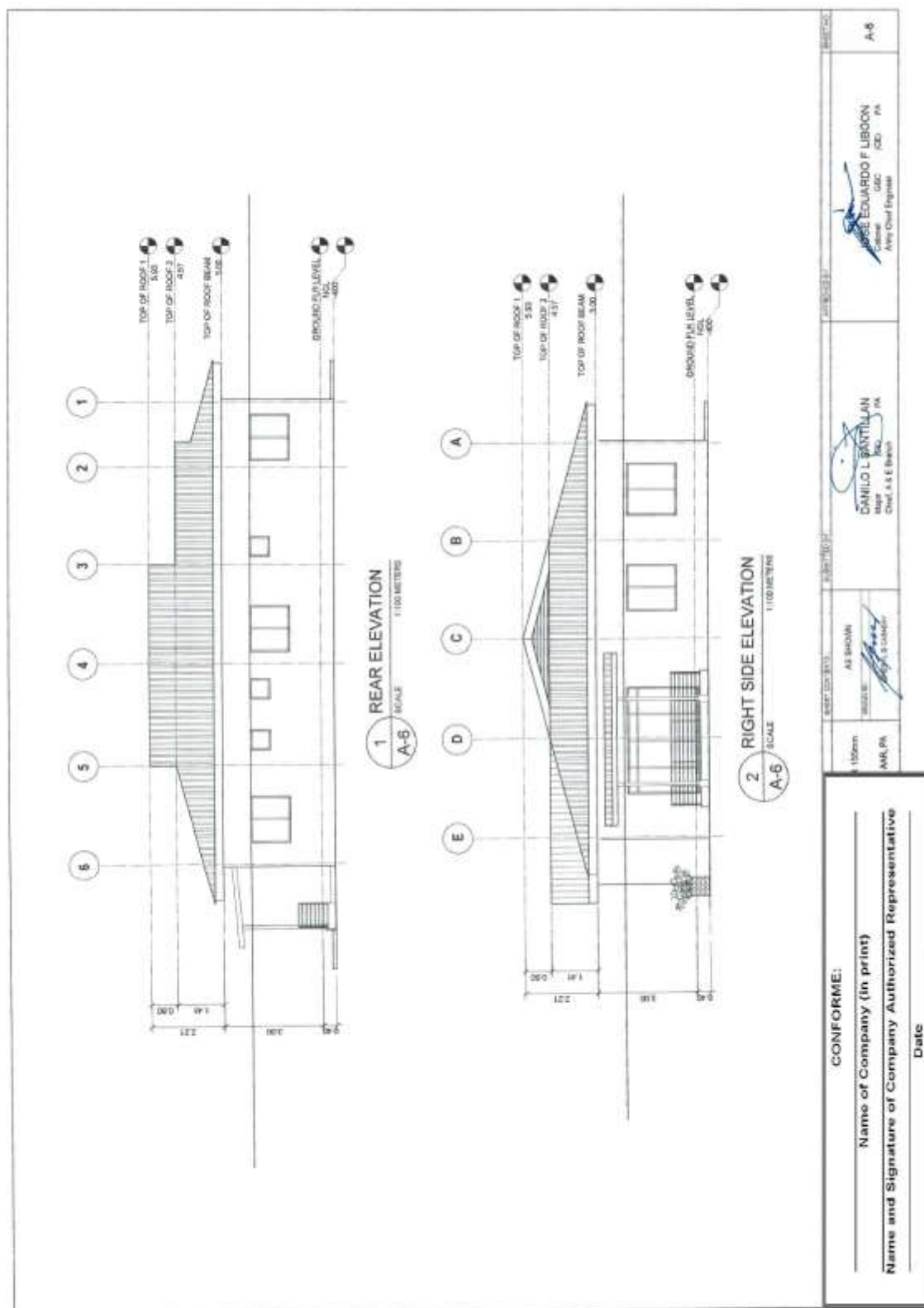
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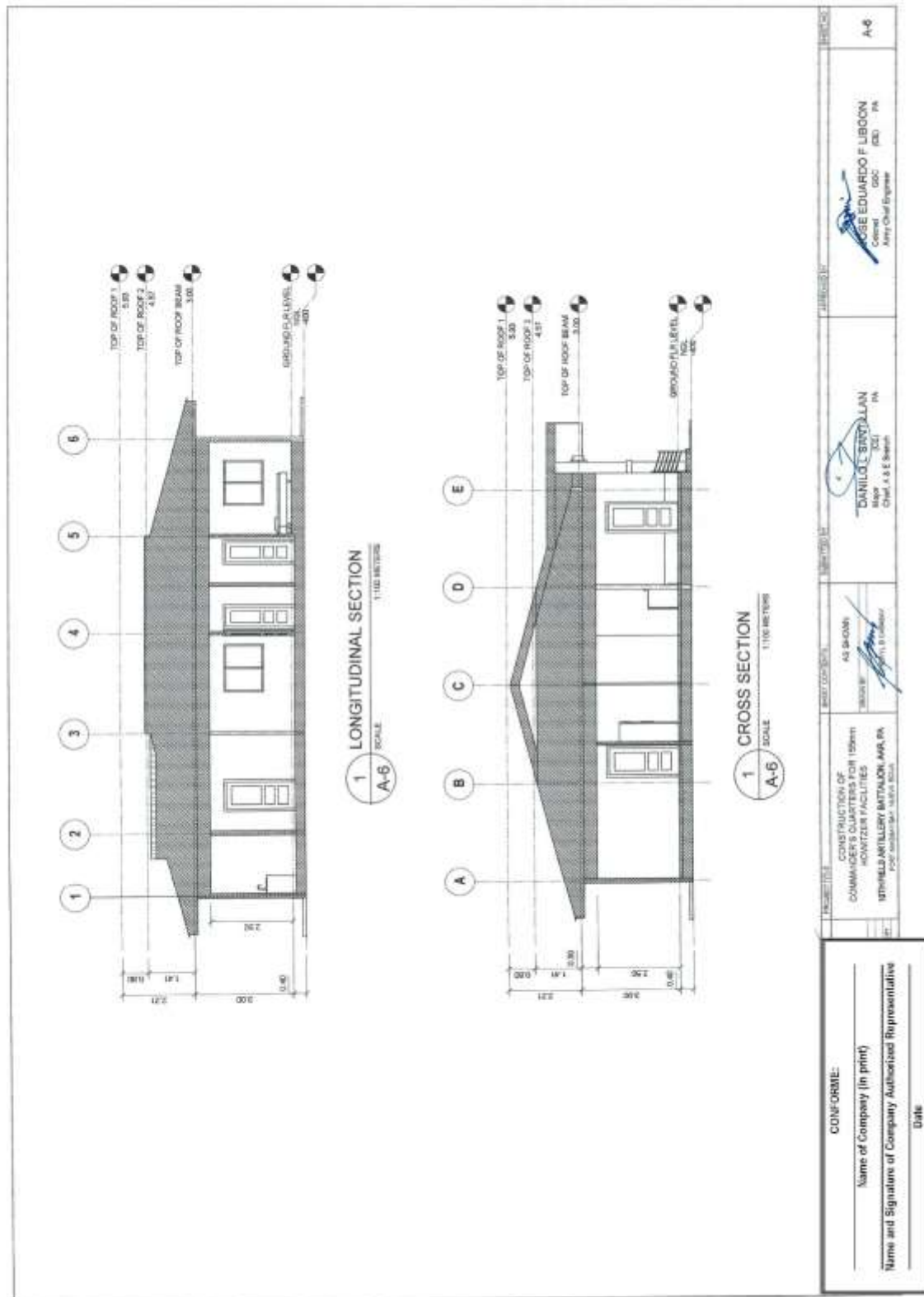
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Bid Ref. No. ENG'G PABAC3 019-23**

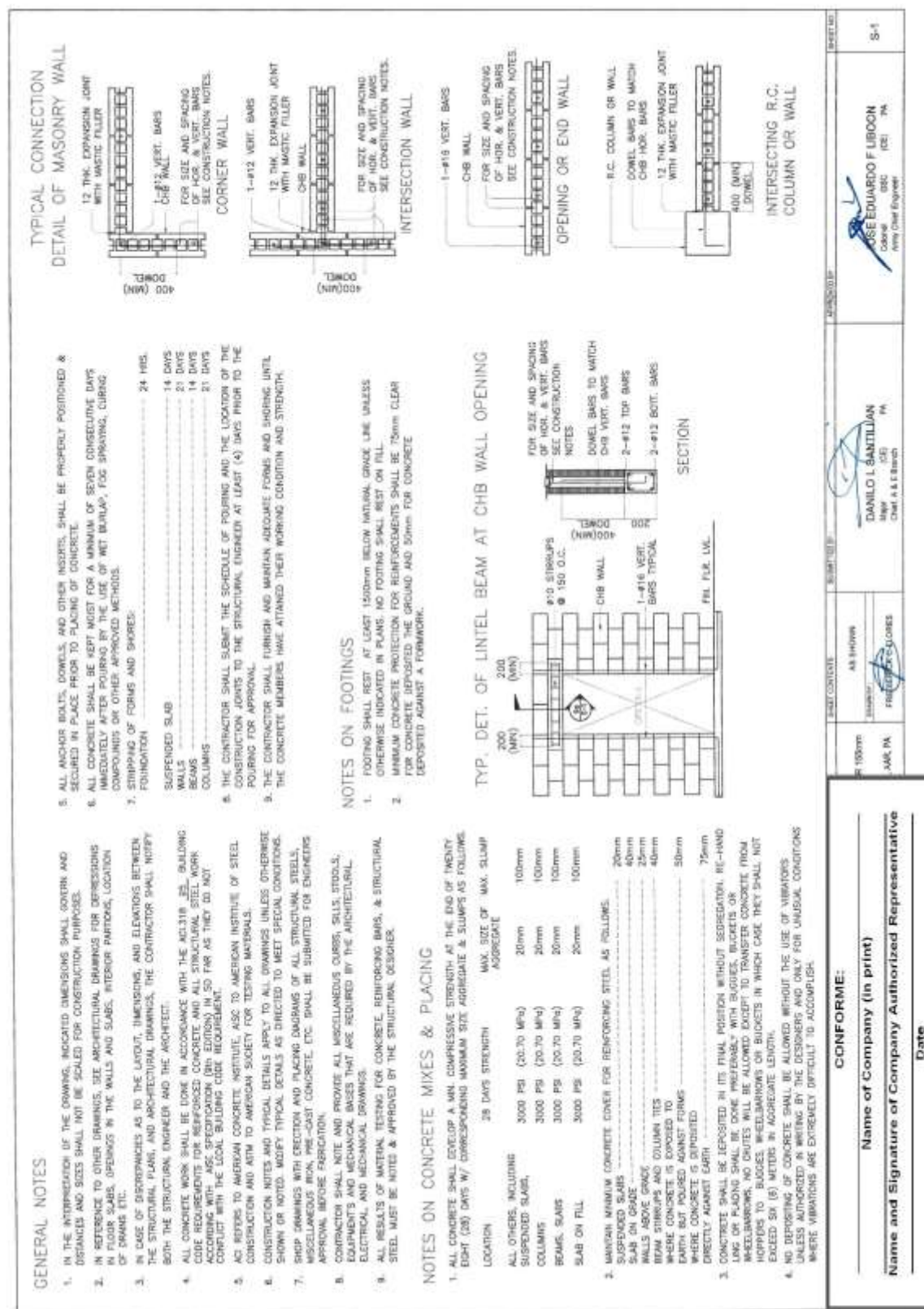


**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 019-23**

Construction of Operational Support Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot)

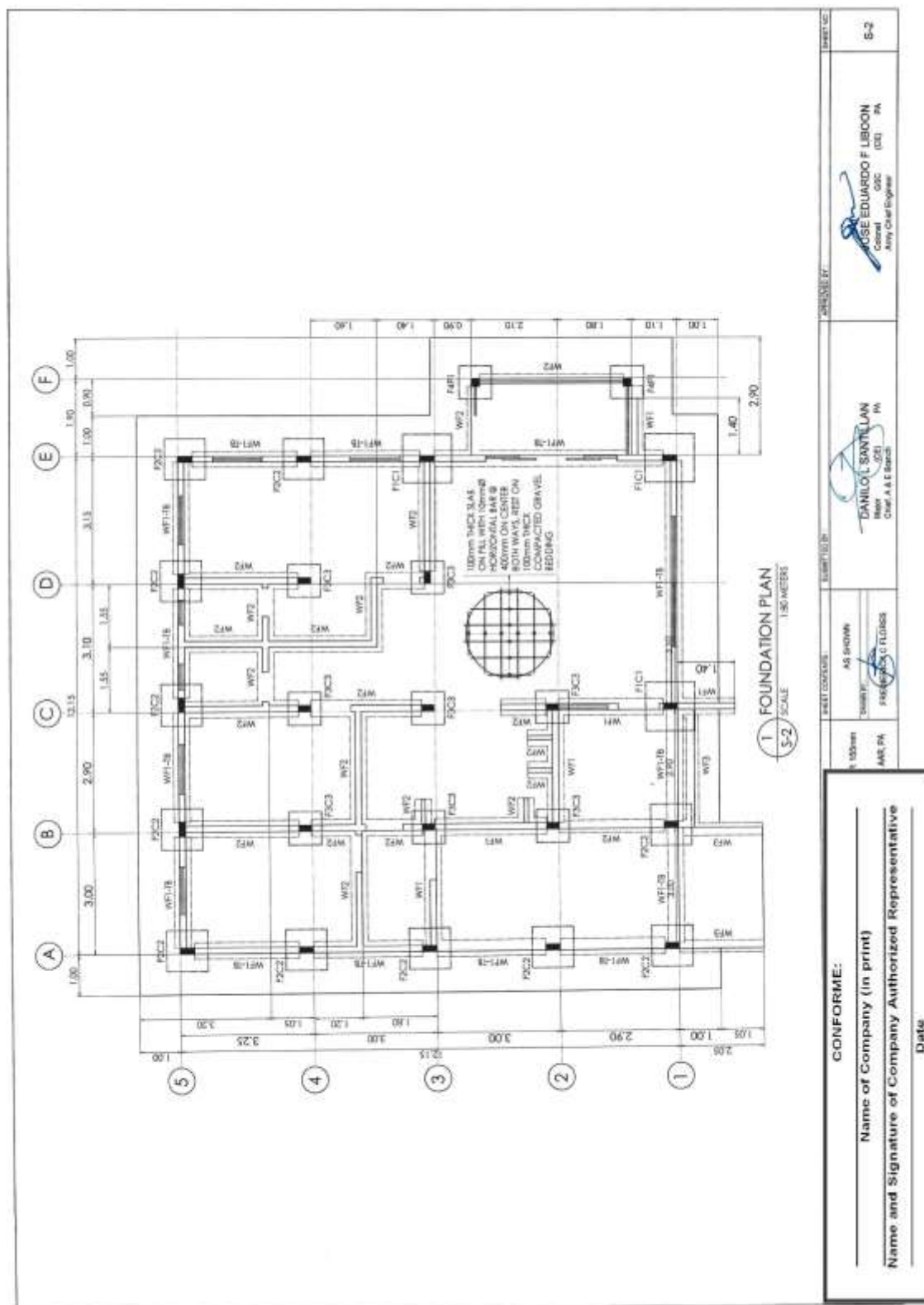
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**Construction of Operational Support Facilities of 155mm SP Howitzer for AAR,
PA at Fort Magsaysay, Nueva Ecija (1 Lot)
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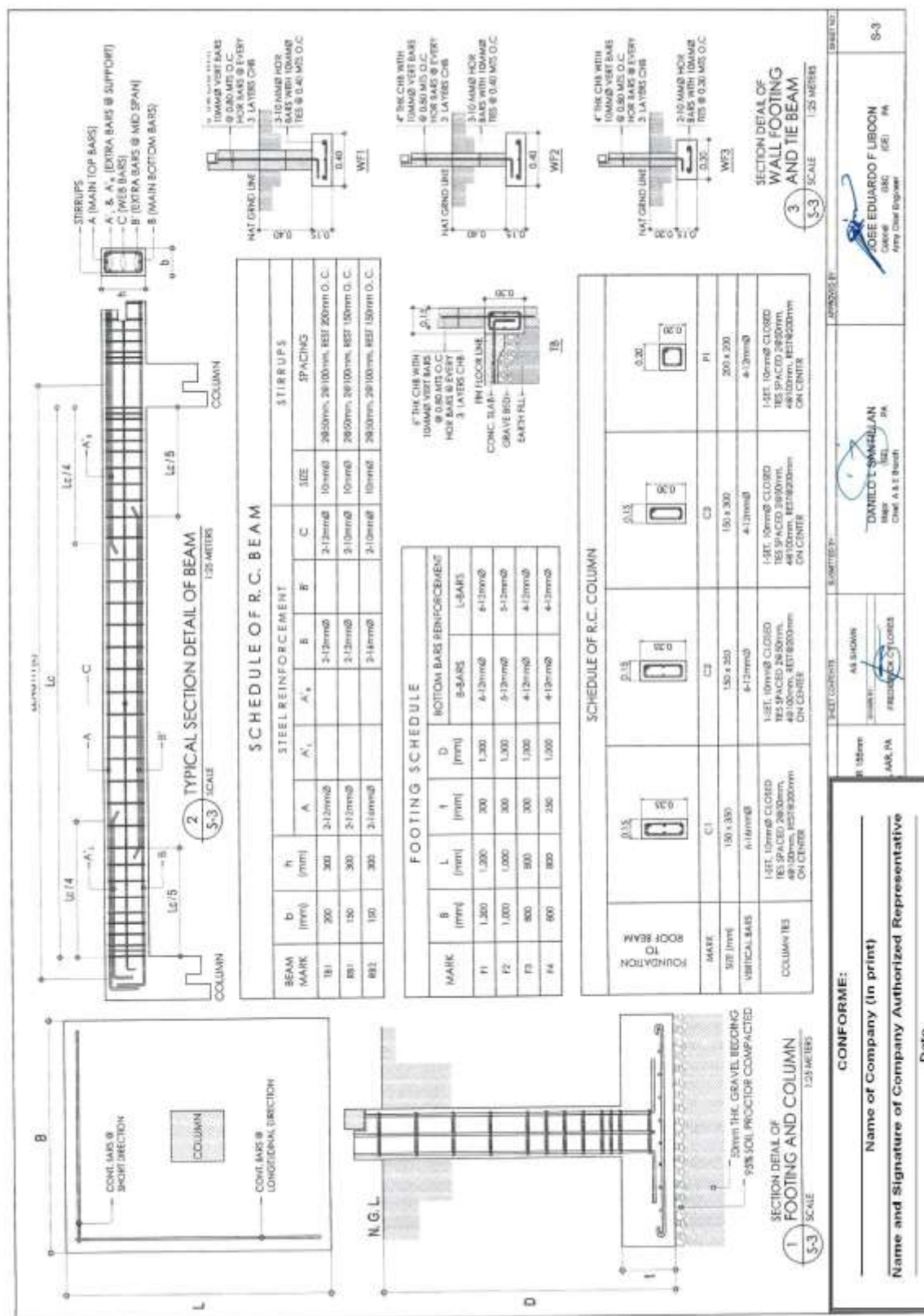
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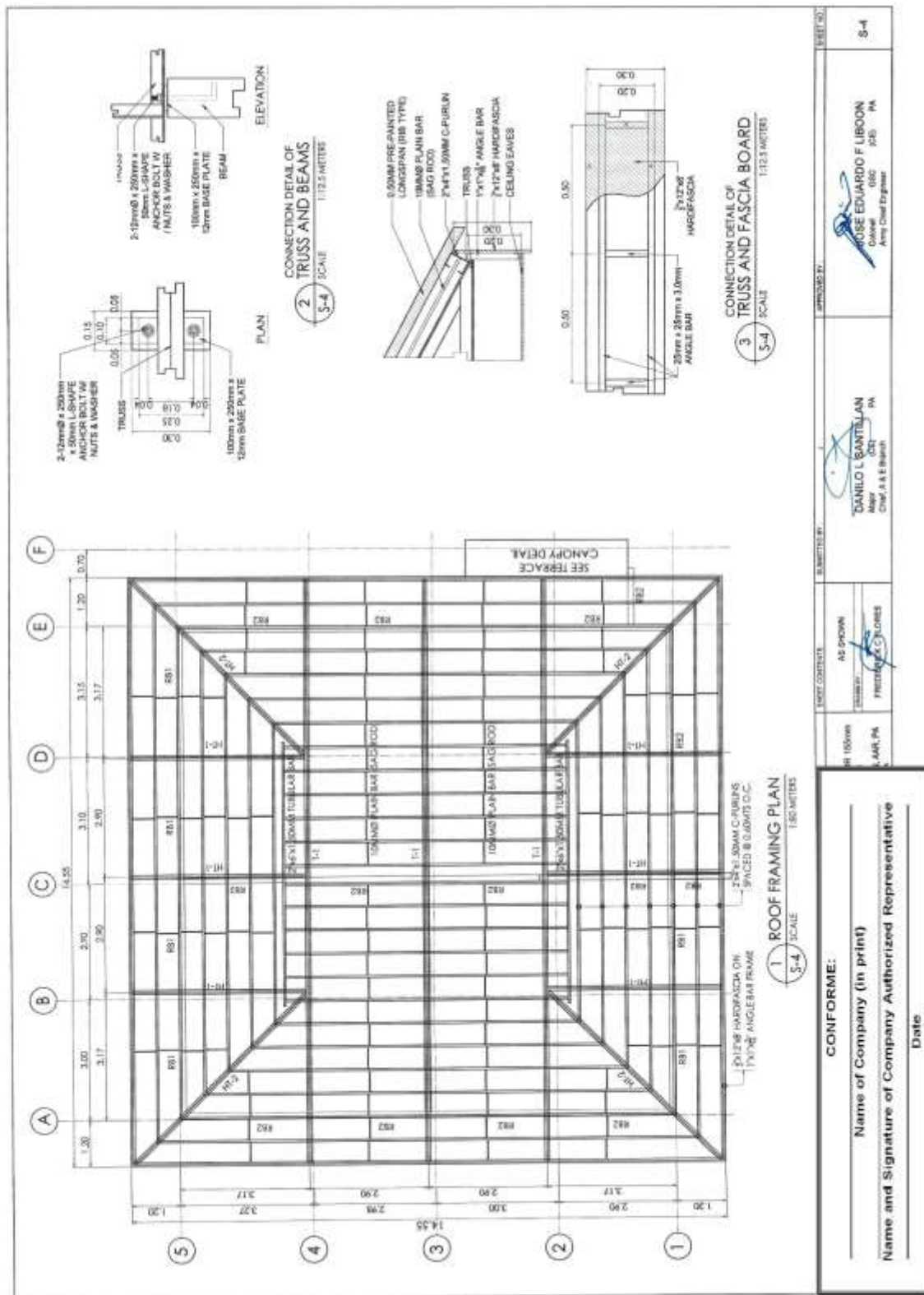
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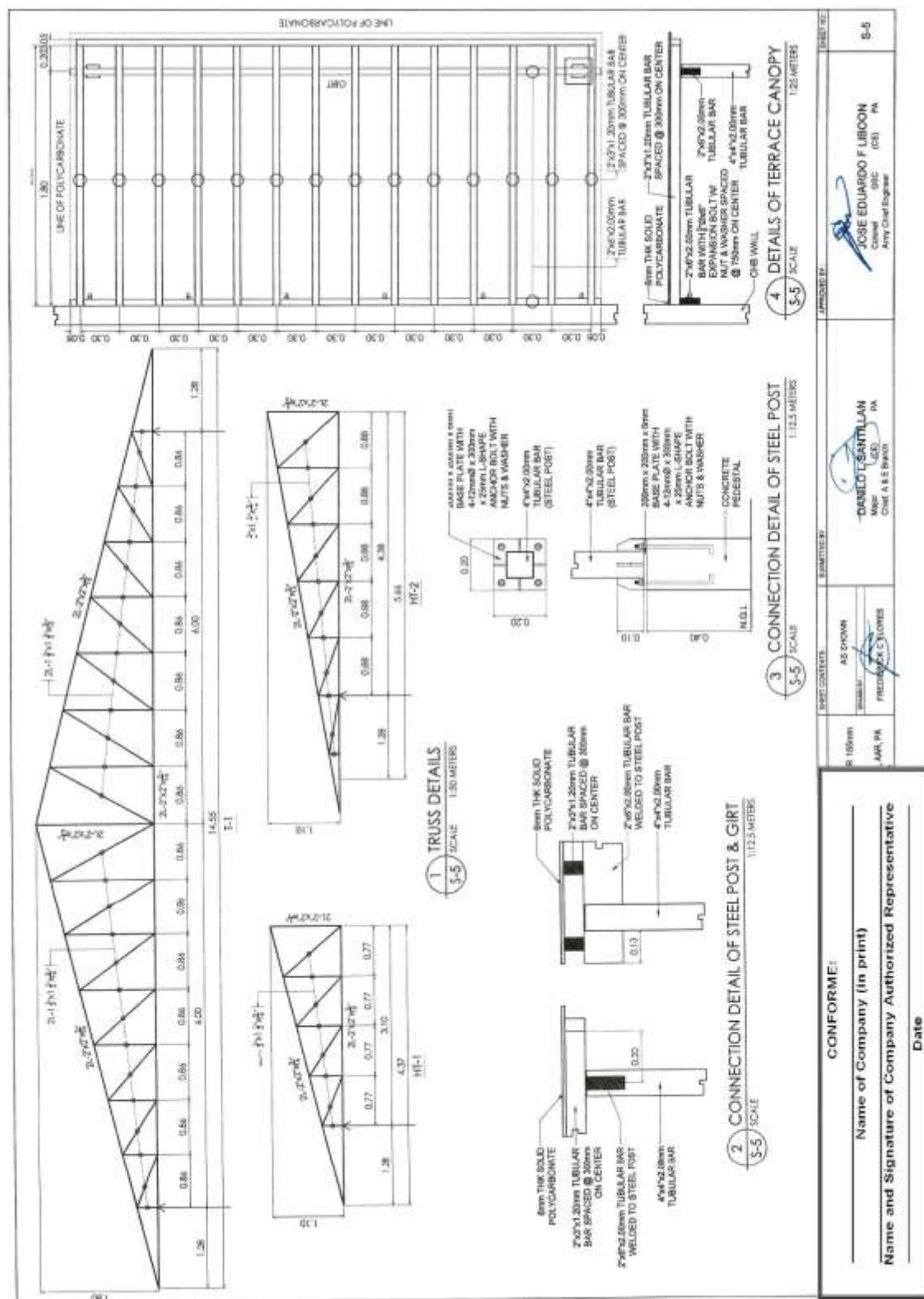
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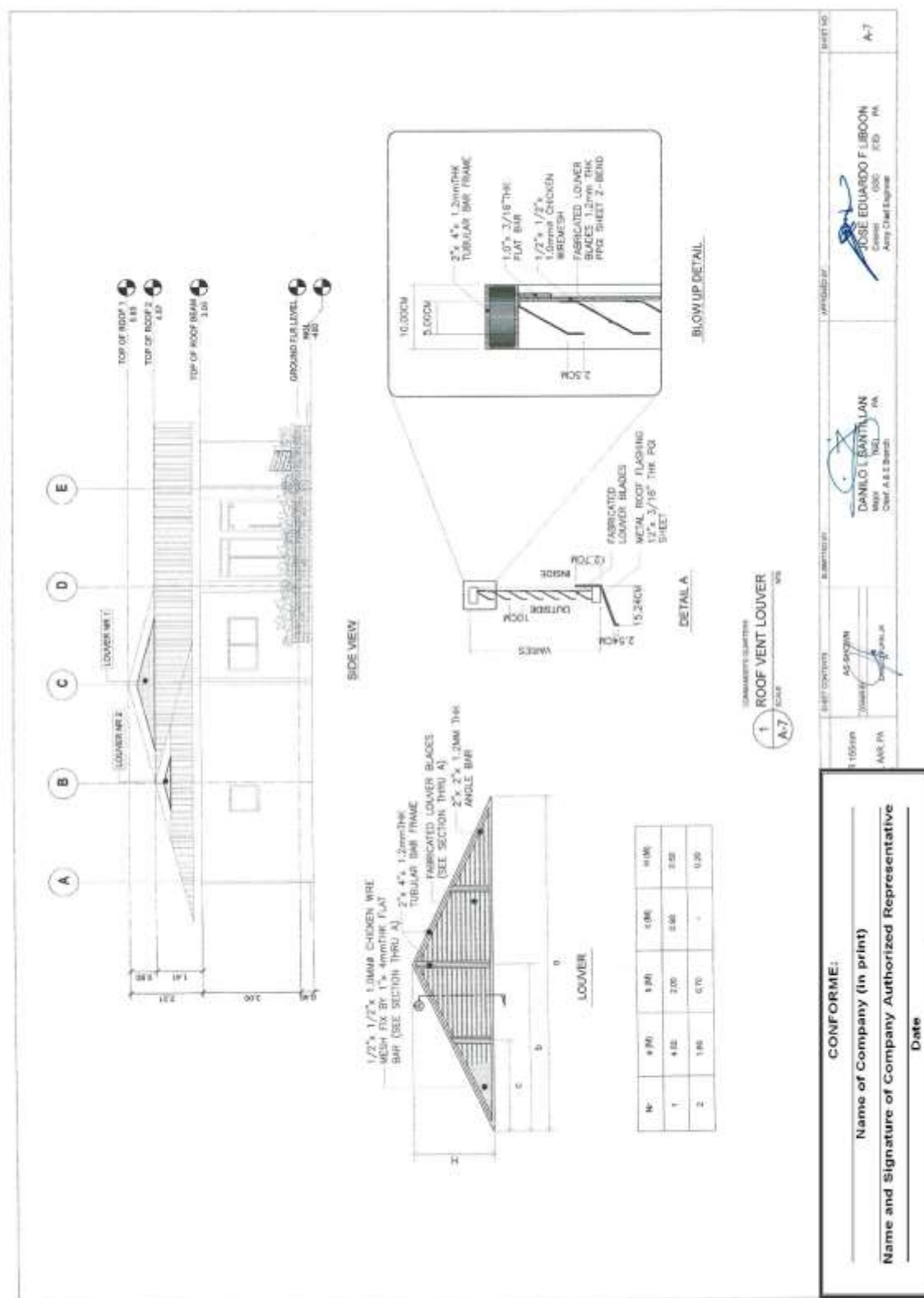
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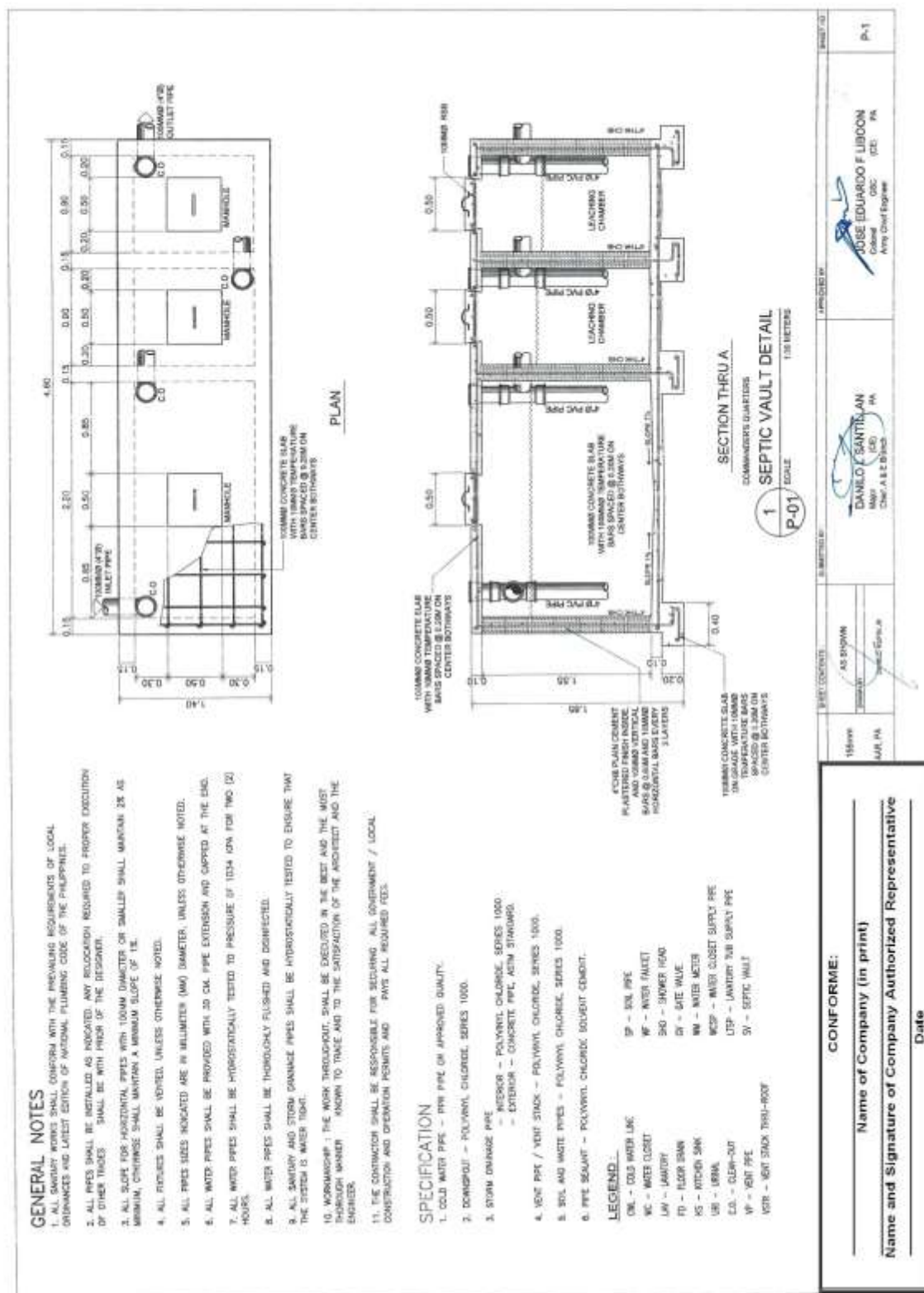
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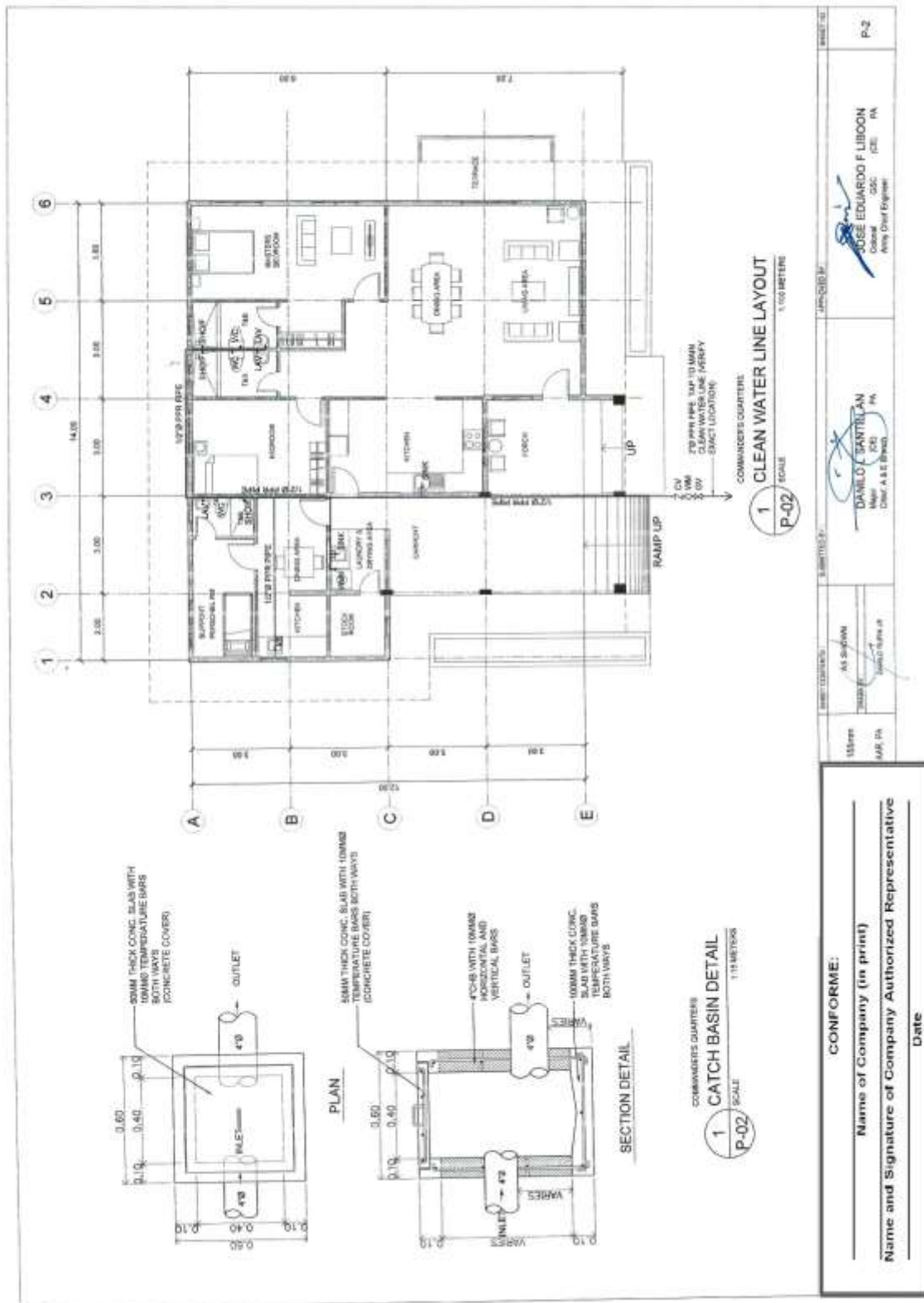
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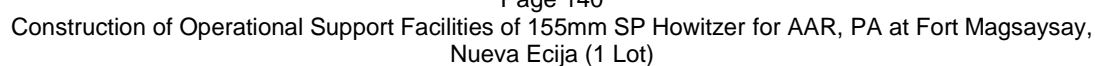


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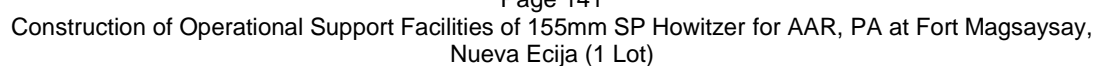
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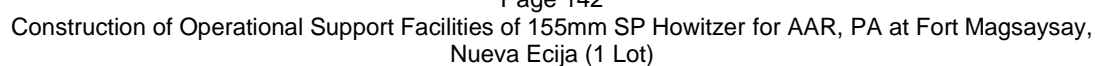
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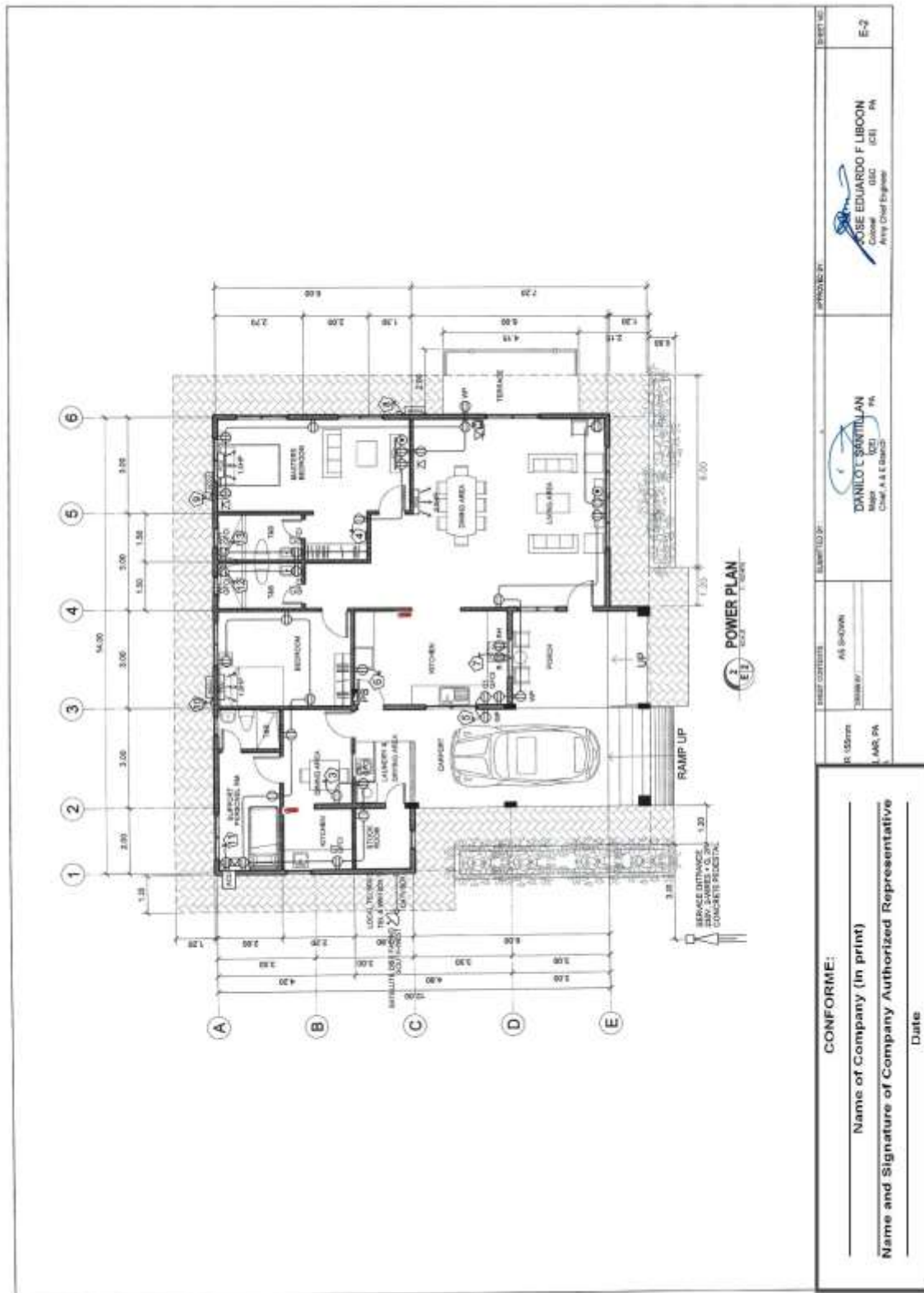


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