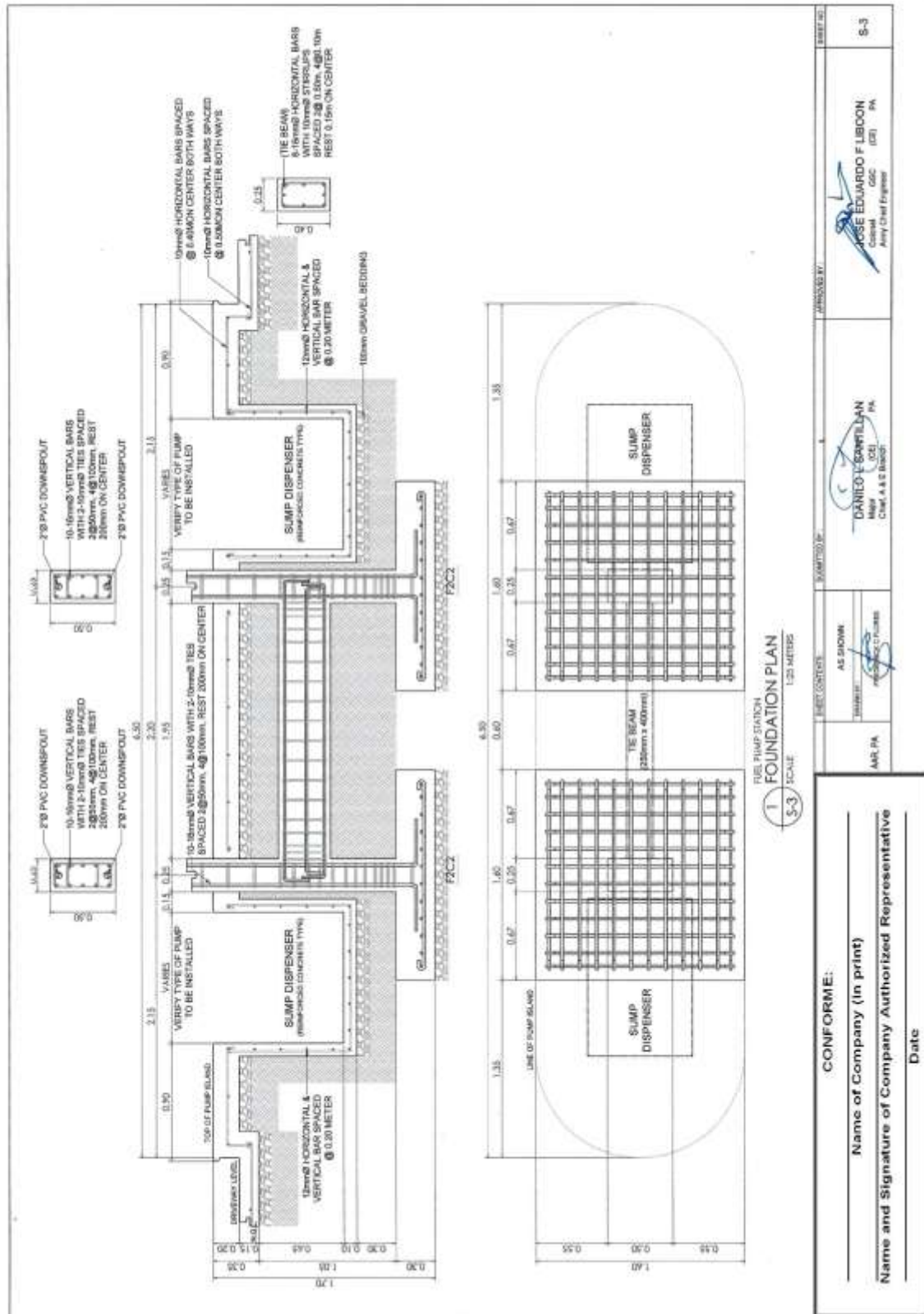


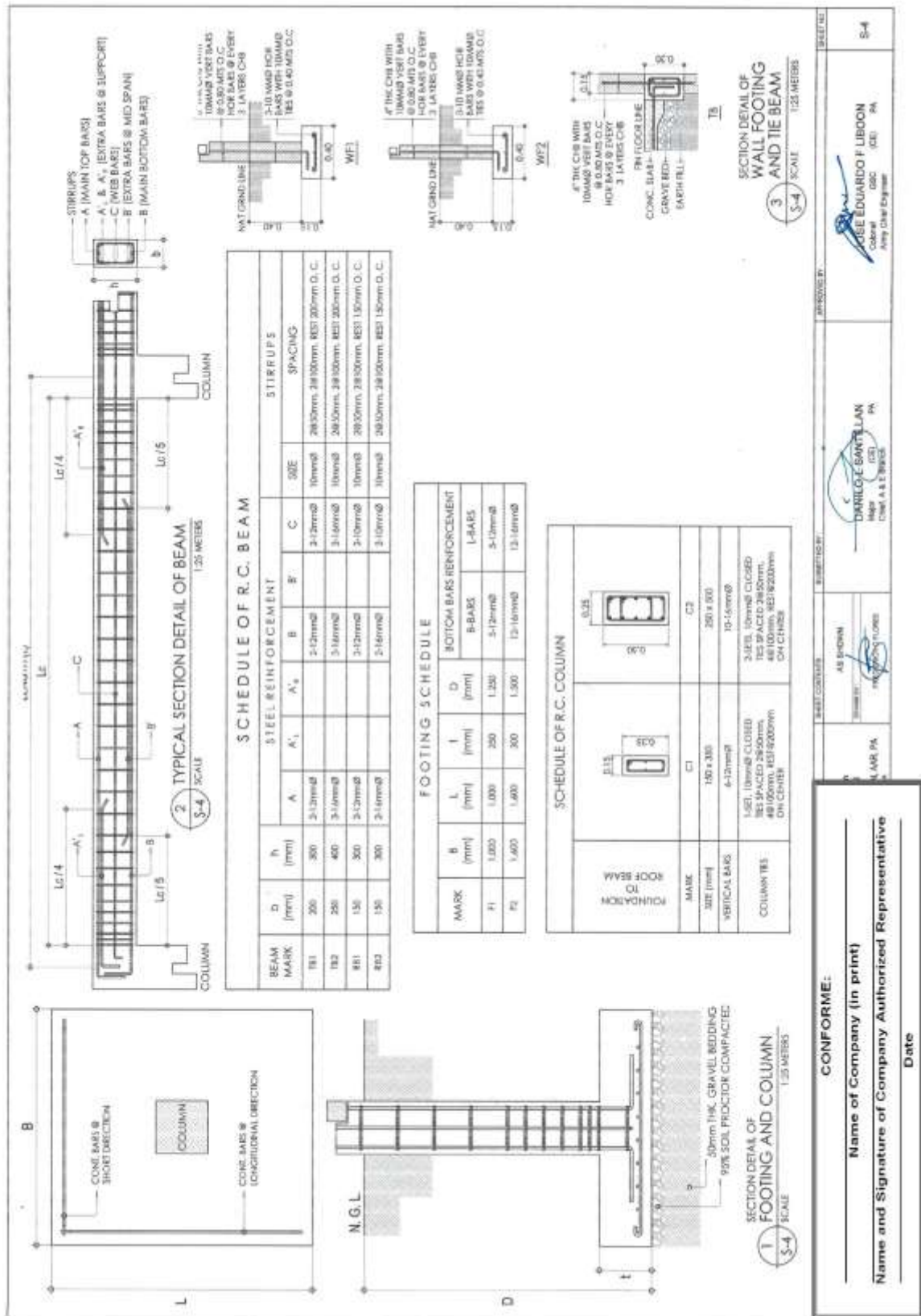
Bid Ref. No. ENG'G PABAC3 018-23



(Page 50/87)

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

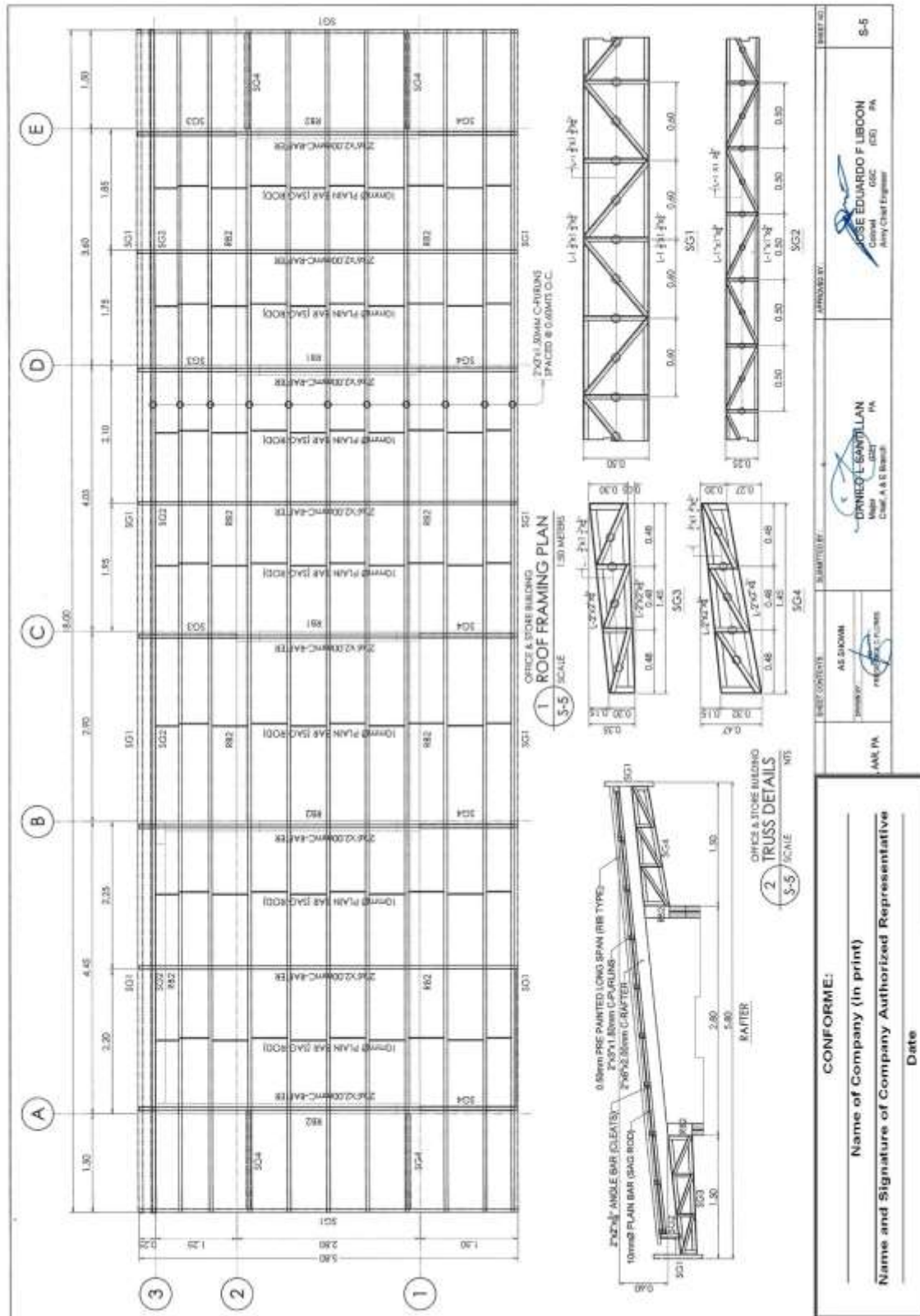
Bid Ref. No. ENG'G PABAC3 018-23



(Page 51/87)

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

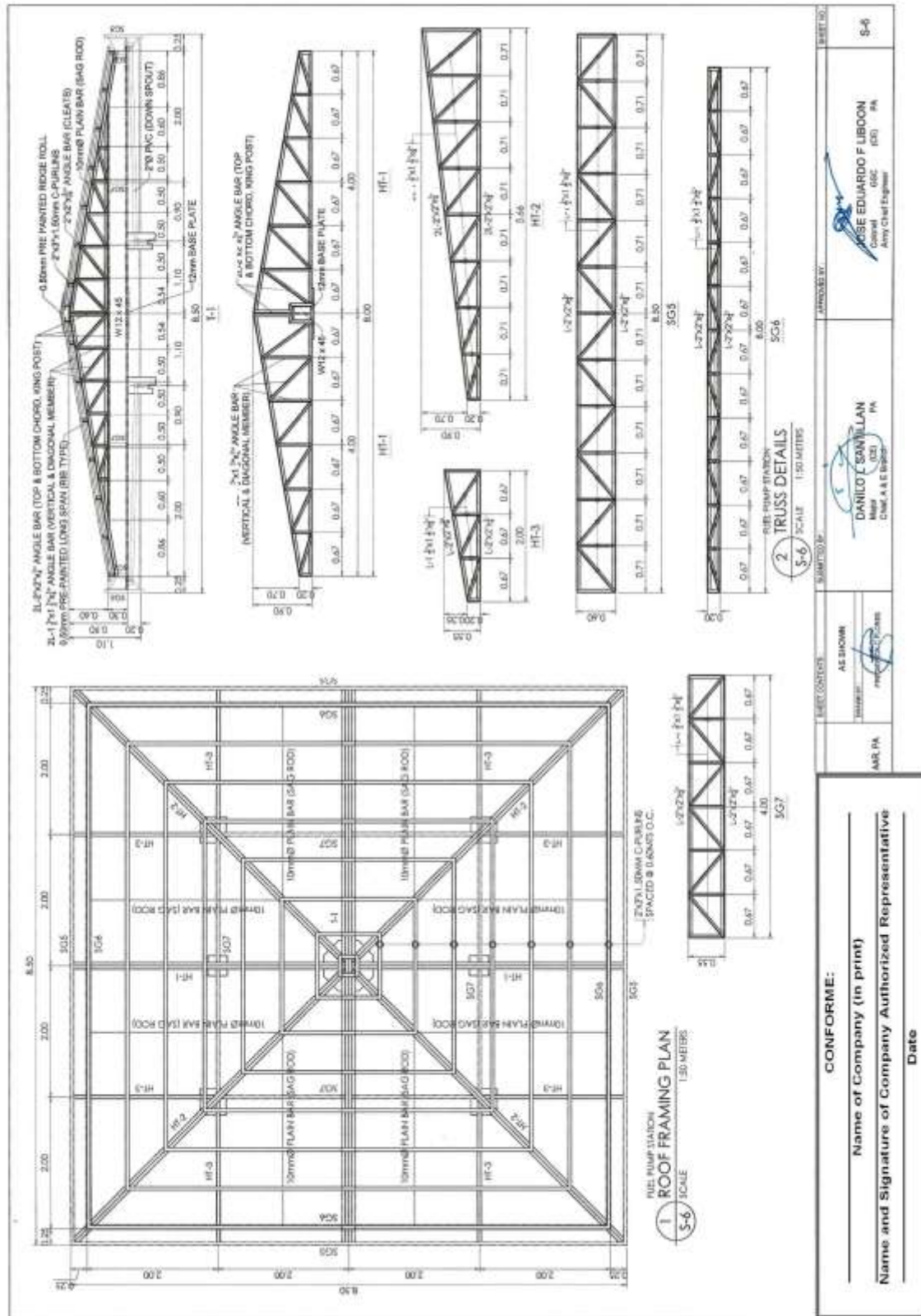
Bid Ref. No. ENG'G PABAC3 018-23



(Page 52/87)

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

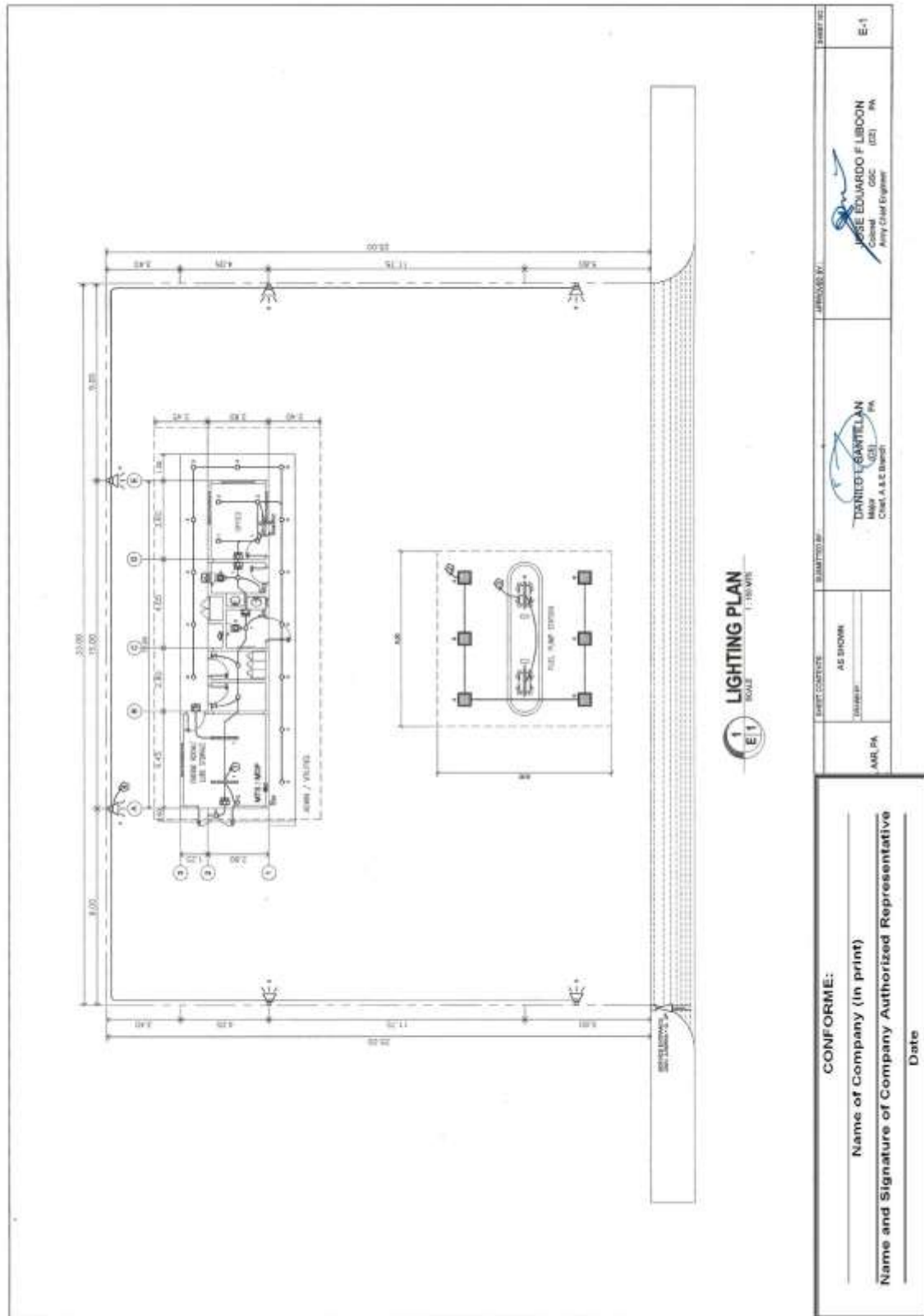
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(Page 53/87)

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

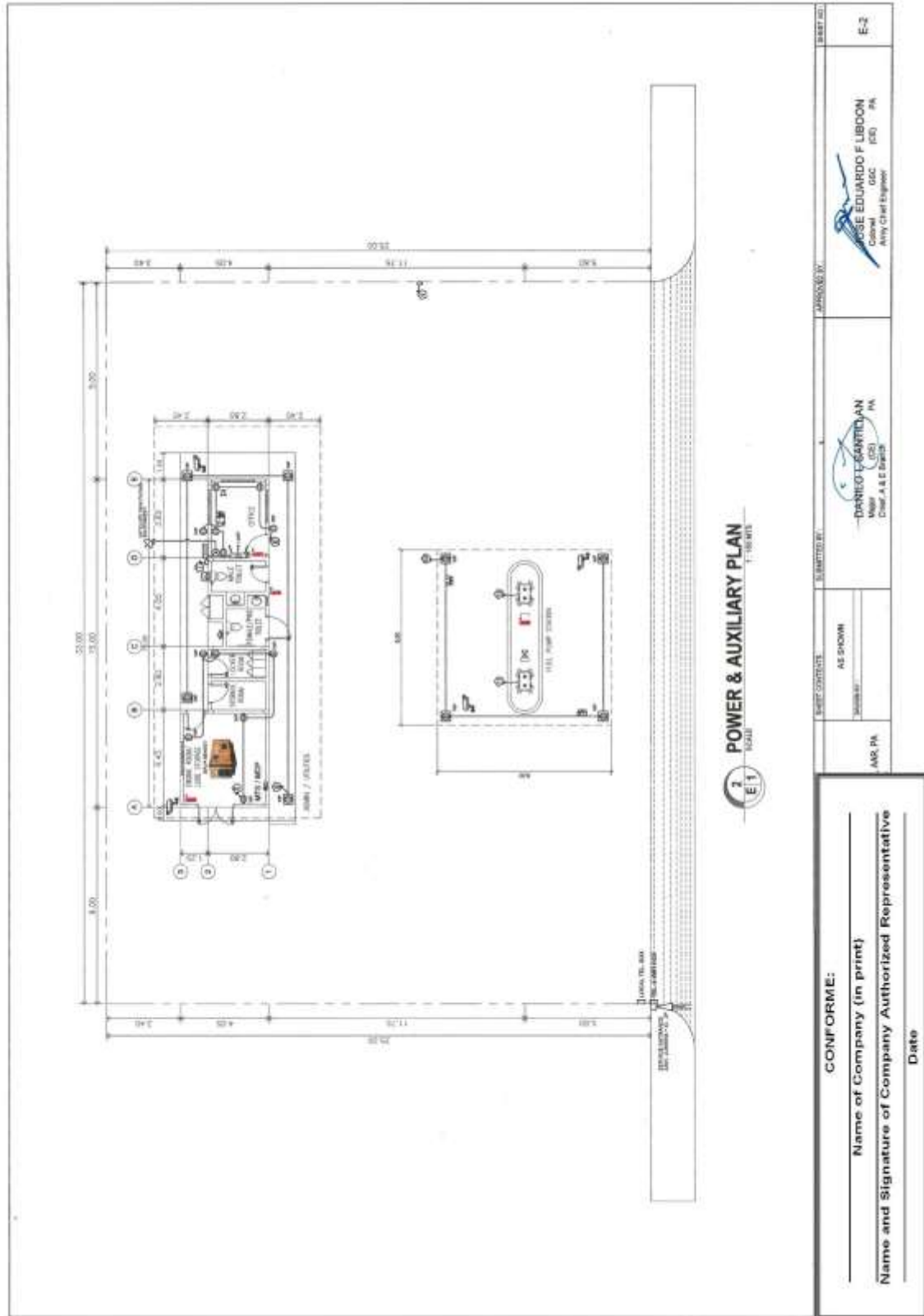
Bid Ref. No. ENG'G PABAC3 018-23



(Page 54/87)

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

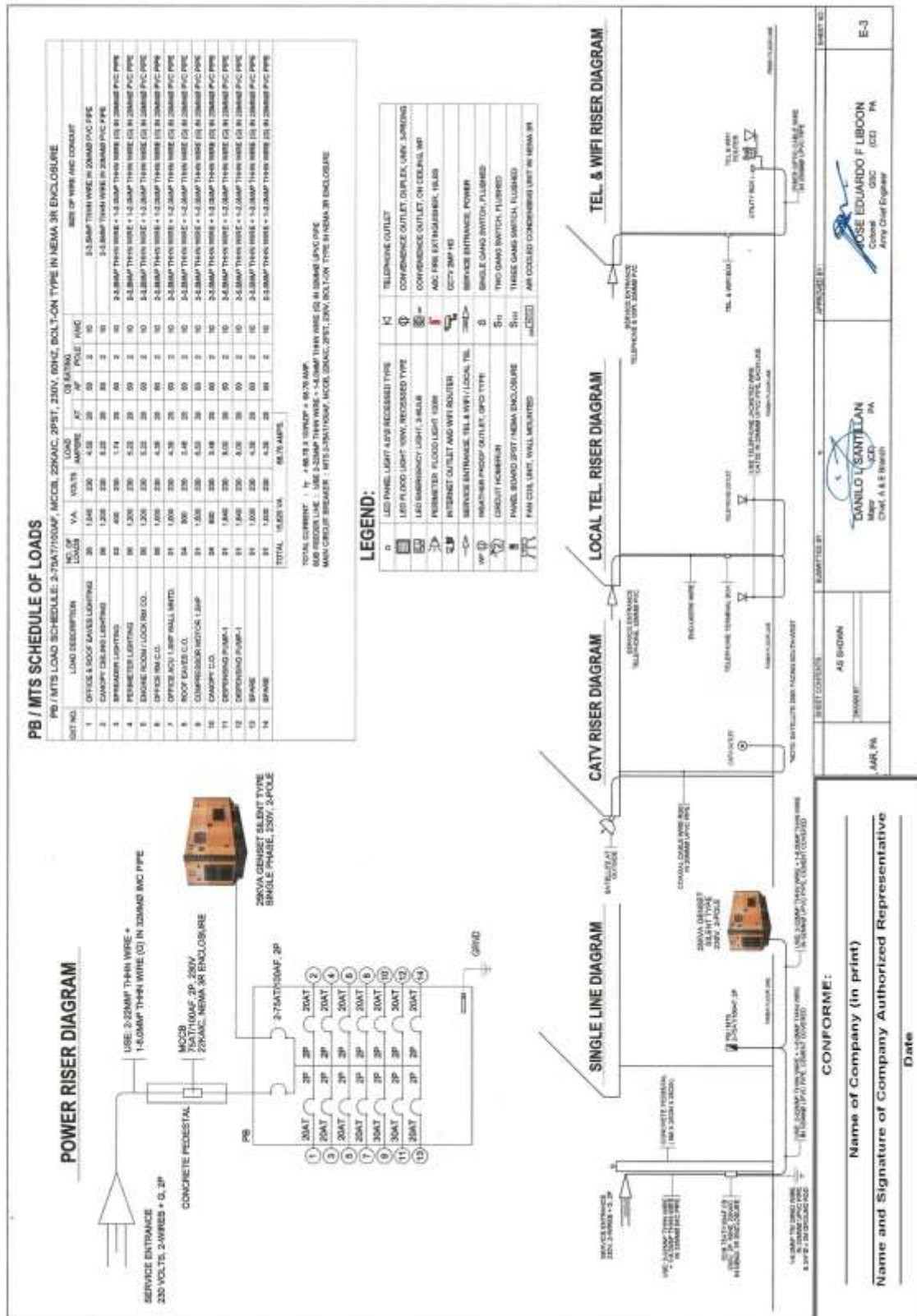
Bid Ref. No. ENG'G PABAC3 018-23



(Page 55/87)

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

Bid Ref. No. ENG'G PABAC3 018-23



(Page 56/87)

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

Bid Ref. No. ENG'G PABAC3 018-23

1 PERSPECTIVE
NOT TO SCALE
A-1

2 VICINITY MAP
NOT TO SCALE
A-1

3 LOCATION MAP
SCALE 1:5000 METERS
A-1

4 SITE LOCATION PLAN
SCALE 1:500 METERS
A-1

FOR THE: _____
NAME OF COMPANY (in print) _____
NAME AND SIGNATURE OF COMPANY AUTHORIZED REPRESENTATIVE _____
DATE _____

CONFORME:

DESIGNED BY: _____
CHECKED BY: _____
DATE: _____

APPROVED BY: _____
DATE: _____

FOR THE: _____
NAME OF COMPANY (in print) _____
NAME AND SIGNATURE OF COMPANY AUTHORIZED REPRESENTATIVE _____
DATE _____

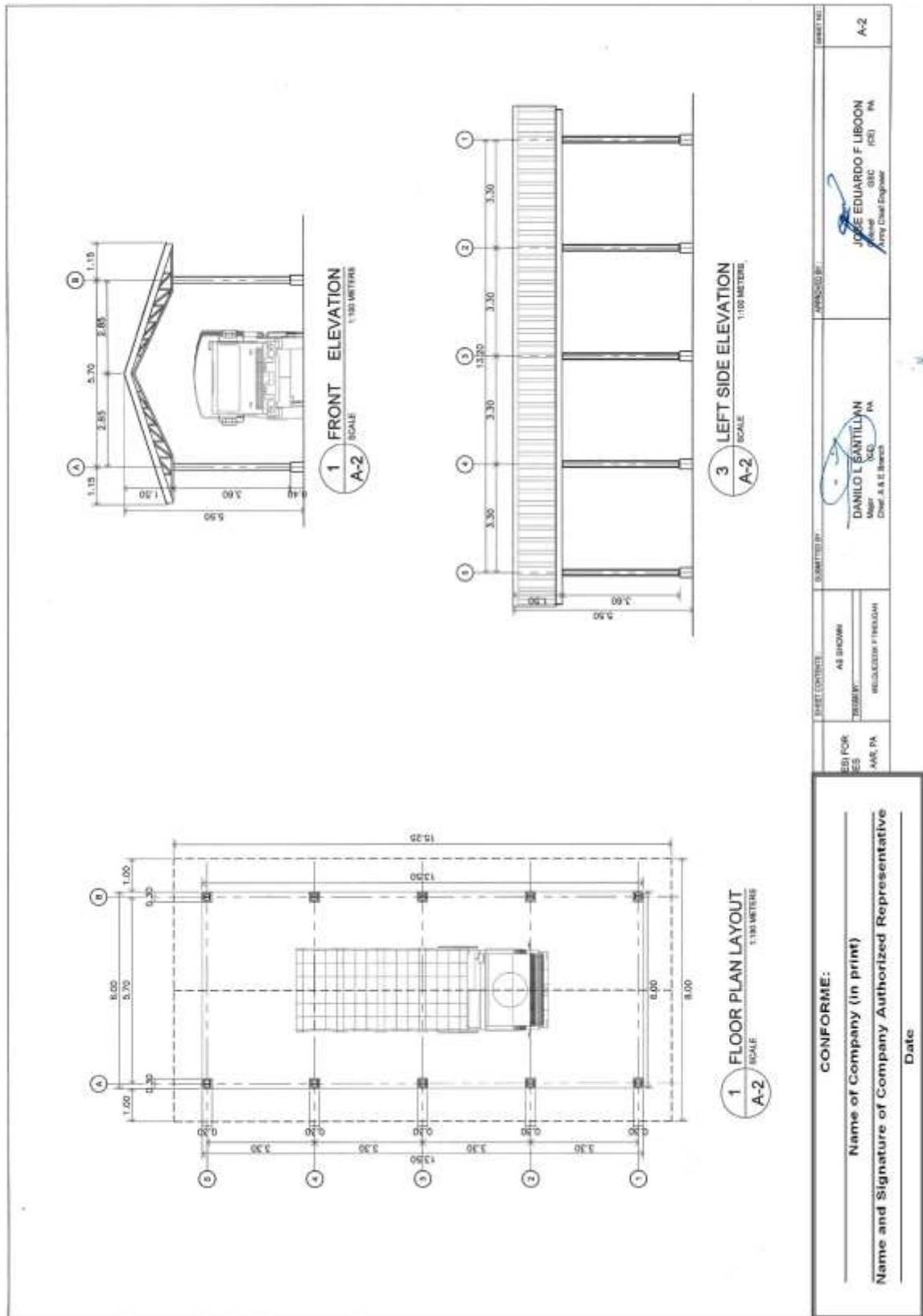
CONFORME:

DESIGNED BY: _____
CHECKED BY: _____
DATE: _____

APPROVED BY: _____
DATE: _____

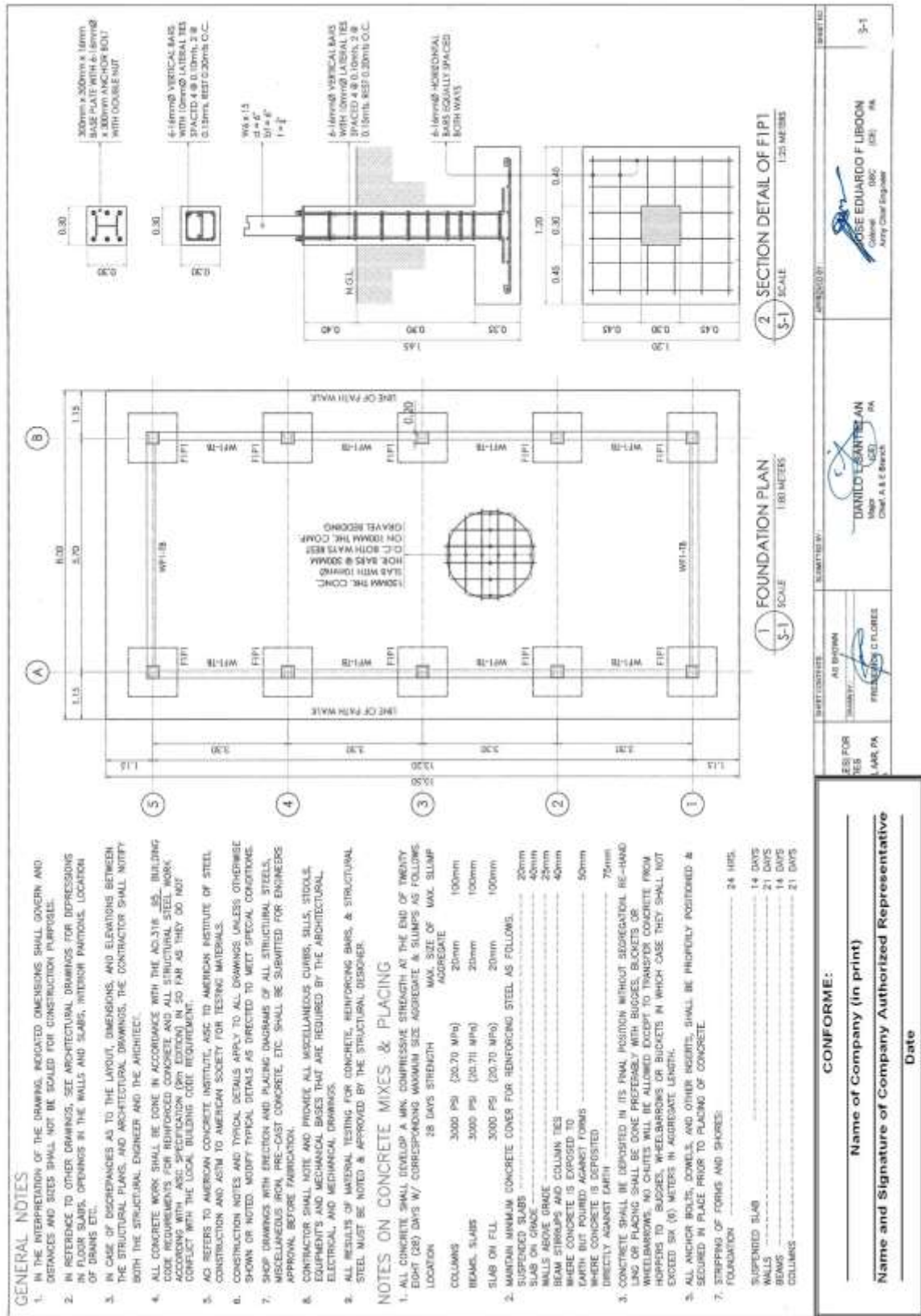
(Page 57/87)
Construction of Operational Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot)

Bid Ref. No. ENG'G PABAC3 018-23



(Page 58/87)
Construction of Operational Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot)

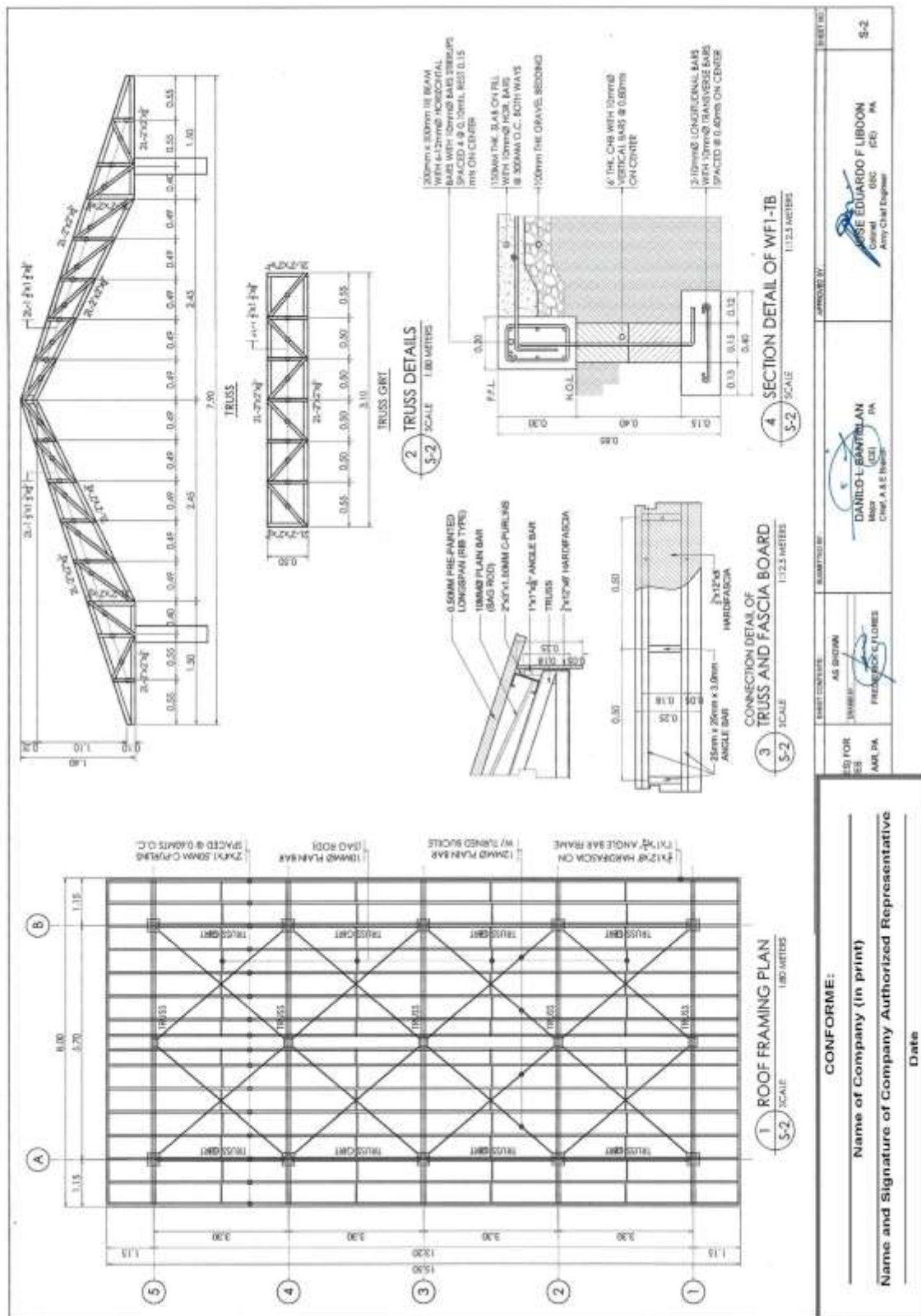
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(Page 59/87)

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

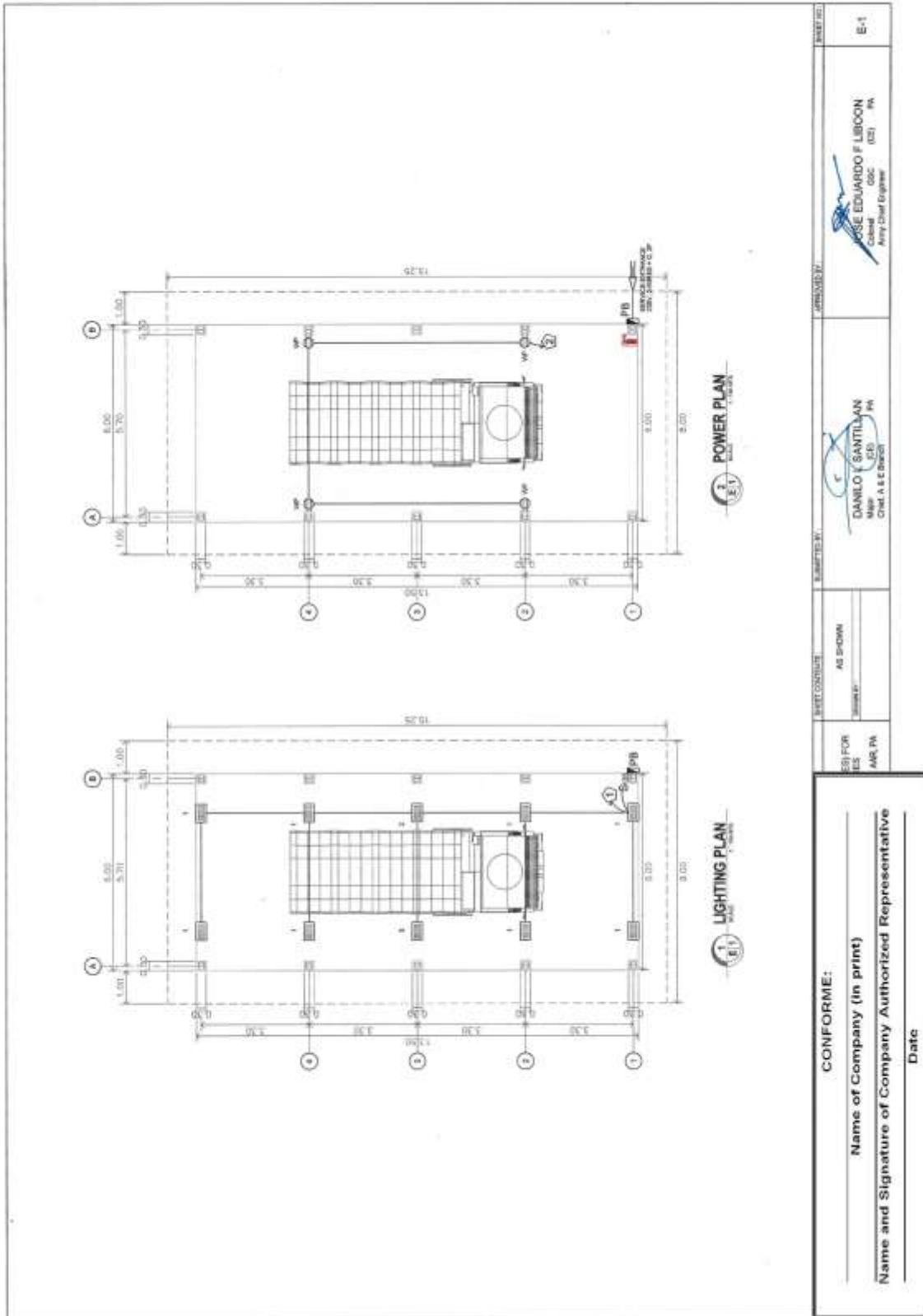
Bid Ref. No. ENG'G PABAC3 018-23



(Page 60/87)

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

Bid Ref. No. ENG'G PABAC3 018-23



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

Bid Ref. No. ENG'G PABAC3 018-23

POWER RISER DIAGRAM

PB SCHEDULE OF LOADS

PB LOAD SCHEDULE: 40AT/20AF, MCCB, 220VAC, 2P/2T, 20KV, 60KHZ, BOX-TON TYPE IN NEMA 3R ENCLOSURE

CIRCUIT NO.	LOAD DESCRIPTION	NO. OF LOADS	VIA AMPERE	CIRCUITING		SIZE OF WIRE AND DOWNSIZE
				1P	2P	
1	LIGHTING OUTLET	10	400	10	10	3.0MM² THHN WIRE IN 32MMØ PVC PIPE
2	COMMERCIAL OUTLET DUPLEX	84	200	20	20	3.0MM² THHN WIRE + 1.0MM² THHN WIRE (Ø) IN 32MMØ PVC PIPE
3	SPACE	81	1,000	20	20	3.0MM² THHN WIRE + 1.0MM² THHN WIRE (Ø) IN 32MMØ PVC PIPE
4	SPACE	81	1,000	20	20	3.0MM² THHN WIRE + 1.0MM² THHN WIRE (Ø) IN 32MMØ PVC PIPE
		TOTAL	8,200 VA	11.8T AMP.		

NOTES:
 1. ALL WIRING SHALL BE IN IMC PIPE.
 2. ALL WIRING SHALL BE IN 32MMØ IMC PIPE.
 3. ALL WIRING SHALL BE IN 32MMØ IMC PIPE.
 4. ALL WIRING SHALL BE IN 32MMØ IMC PIPE.
 5. ALL WIRING SHALL BE IN 32MMØ IMC PIPE.
 6. ALL WIRING SHALL BE IN 32MMØ IMC PIPE.

LEGEND

⊕	WATER PROOF CO. 3 PINS UNIVERSAL
⊖	WEATHER PROOF CO. 3 PINS UNIVERSAL
⊕	WEATHER PROOF CO. 3 PINS UNIVERSAL
⊖	WEATHER PROOF CO. 3 PINS UNIVERSAL
⊕	WEATHER PROOF CO. 3 PINS UNIVERSAL
⊖	WEATHER PROOF CO. 3 PINS UNIVERSAL
⊕	WEATHER PROOF CO. 3 PINS UNIVERSAL
⊖	WEATHER PROOF CO. 3 PINS UNIVERSAL
⊕	WEATHER PROOF CO. 3 PINS UNIVERSAL
⊖	WEATHER PROOF CO. 3 PINS UNIVERSAL

SINGLE LINE DIAGRAM

CONFORME:

Name of Company (In print) _____

Name and Signature of Company Authorized Representative _____

Date _____

APPROVED BY:

AS BROWN

DANILLO SANTILLAN
 MAEP (CE) (PA)
 Chief A & B Sect.

JOSE EDUARDO F. LIBON
 CSC (CE) (PA)
 Army Chief Engineer

Bid Ref. No. ENG'G PABAC3 018-23



1 PERSPECTIVE
A-1 NOT TO SCALE



4 SITE LOCATION PLAN
A-1 SCALE 1:500 METERS



2 VICINITY MAP
A-1 NOT TO SCALE



3 LOCATION MAP
A-1 SCALE 1:5000 METERS

PROJECT TITLE: CONSTRUCTION OF PARKING (PPE DISCRETE CENTER) FOR 155MM HOWITZER FACILITIES 95TH FIELD ARTILLERY BATTALION, AAR, PA, PORT MAGSAYSAY, NUEVA ECIIJA

PREPARED BY: AS SHOWN
DRAWN BY: MARICELA A. BICOL
CHECKED BY: DANIEL L. SANTILLAN
DATE: 11/14/2023

CONFORME:
Name of Company (in print) _____
Name and Signature of Company Authorized Representative _____
Date _____

RECOMMENDED APPROVAL:
SUBMITTED BY: FRANCIS MARCOY M. CORONEL
CHECKED BY: DANIEL L. SANTILLAN
DATE: 11/14/2023

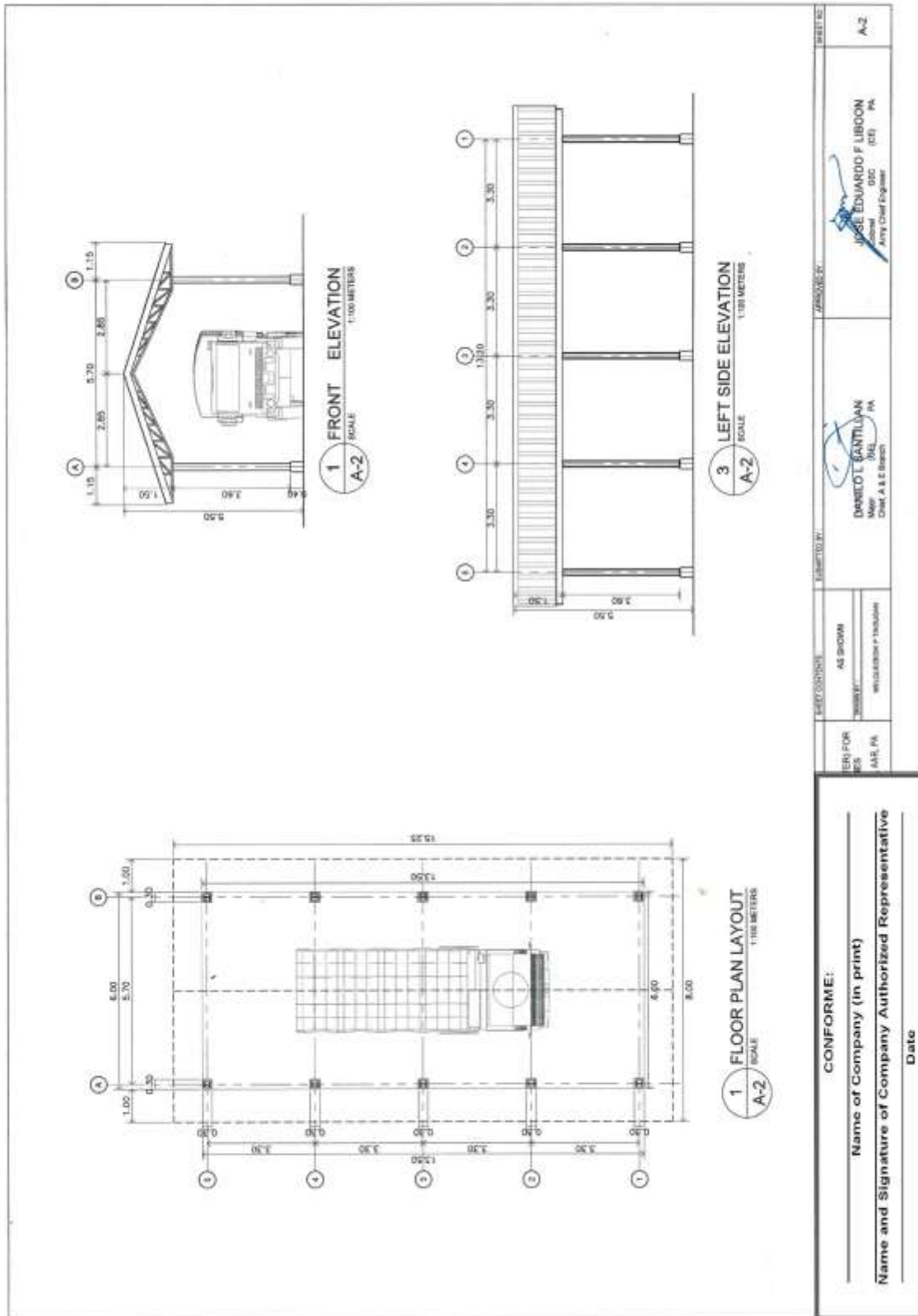
APPROVED BY:
CHECKED BY: JONAS EDUARDO F. LIBON
DATE: 11/14/2023

DATE: 11/14/2023

(Page 63/87)

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

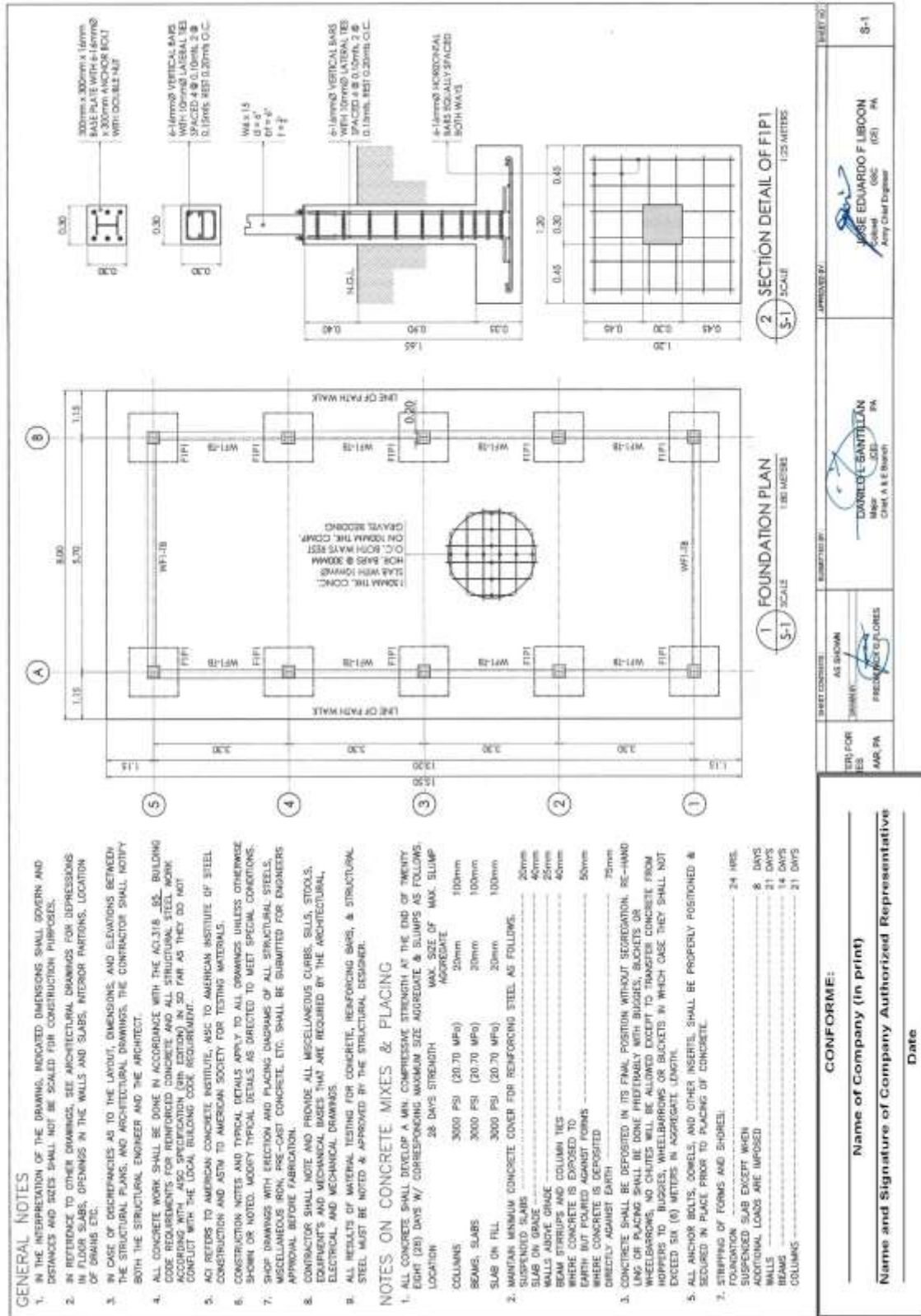
Bid Ref. No. ENG'G PABAC3 018-23



(Page 64/87)

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

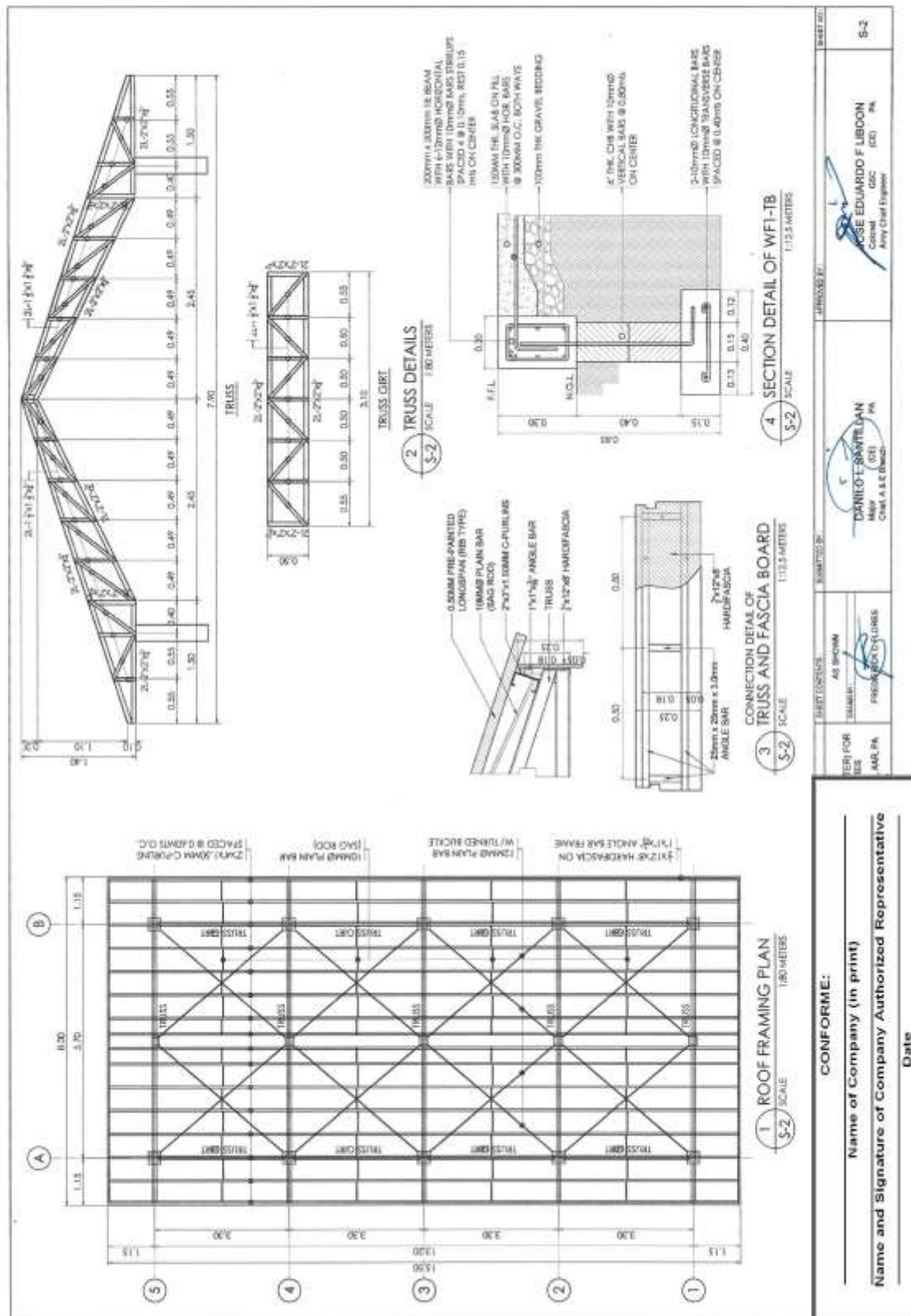
Bid Ref. No. ENG'G PABAC3 018-23



(Page 65/87)

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

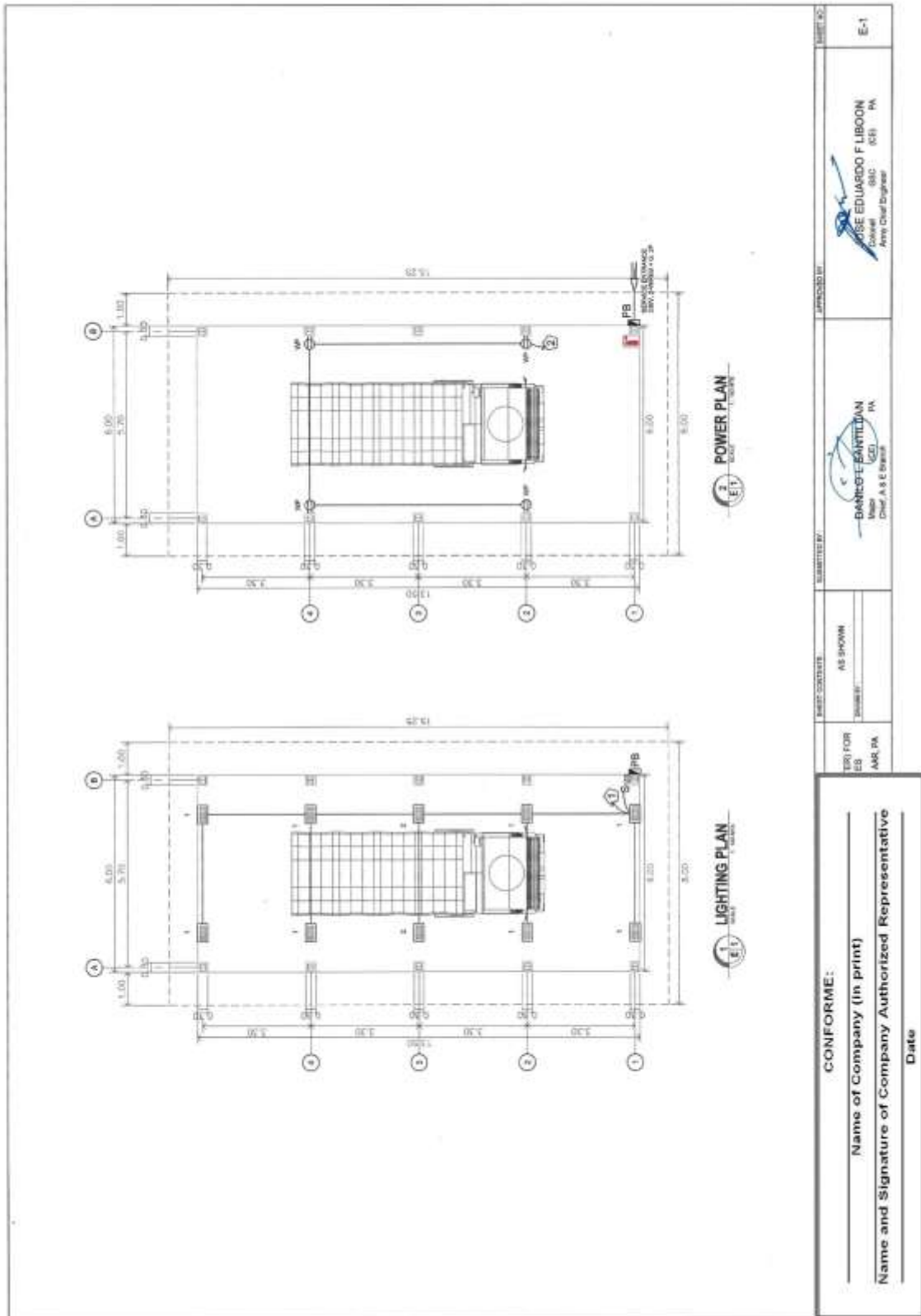
Bid Ref. No. ENG'G PABAC3 018-23



(Page 66/87)

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

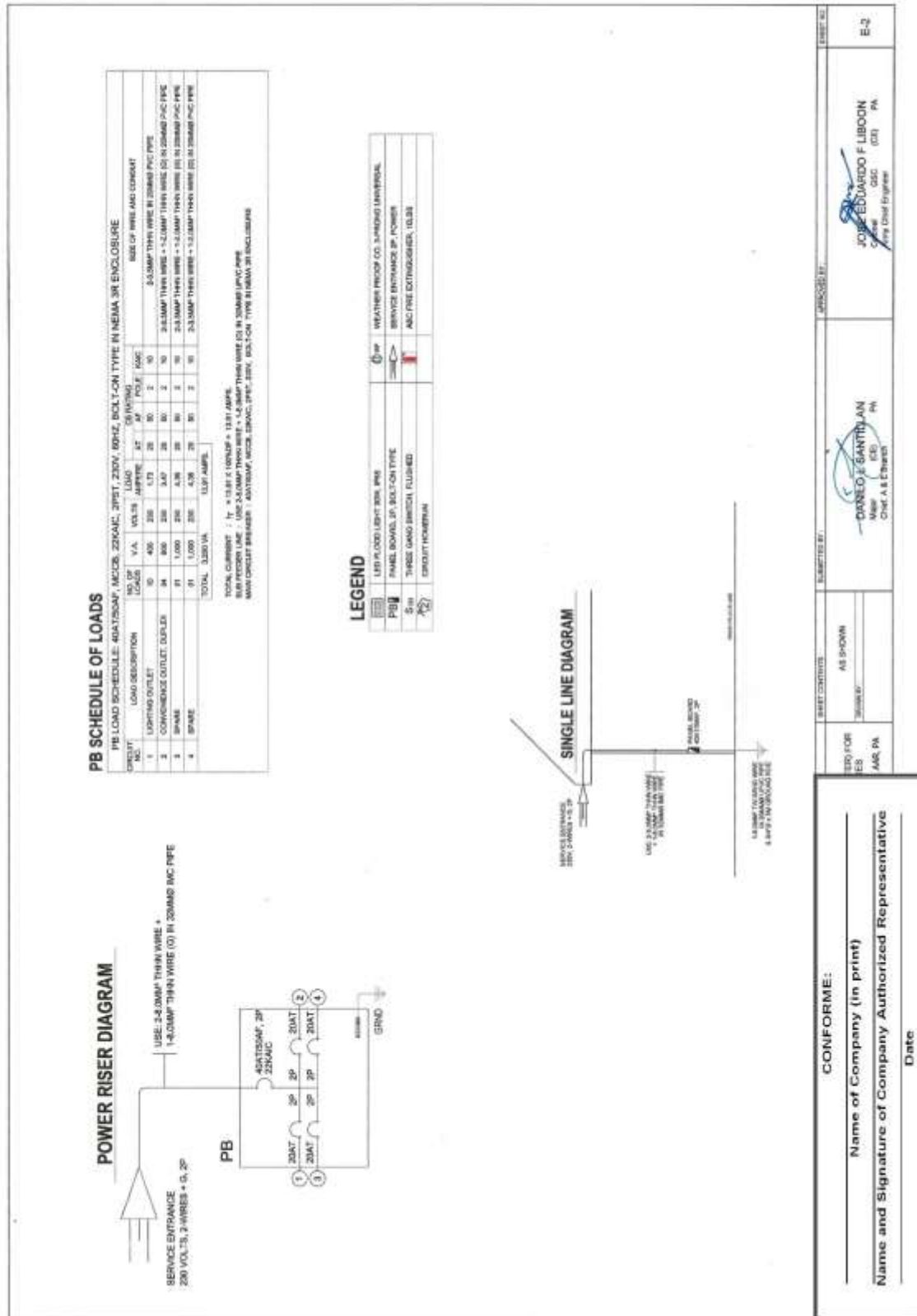
Bid Ref. No. ENG'G PABAC3 018-23



(Page 67/87)

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

Bid Ref. No. ENG'G PABAC3 018-23



(Page 68/87)

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

Bid Ref. No. ENG'G PABAC3 018-23

1 PERSPECTIVE
NOT TO SCALE

2 VICINITY MAP
NOT TO SCALE

3 LOCATION MAP
SCALE 1:5000 METERS

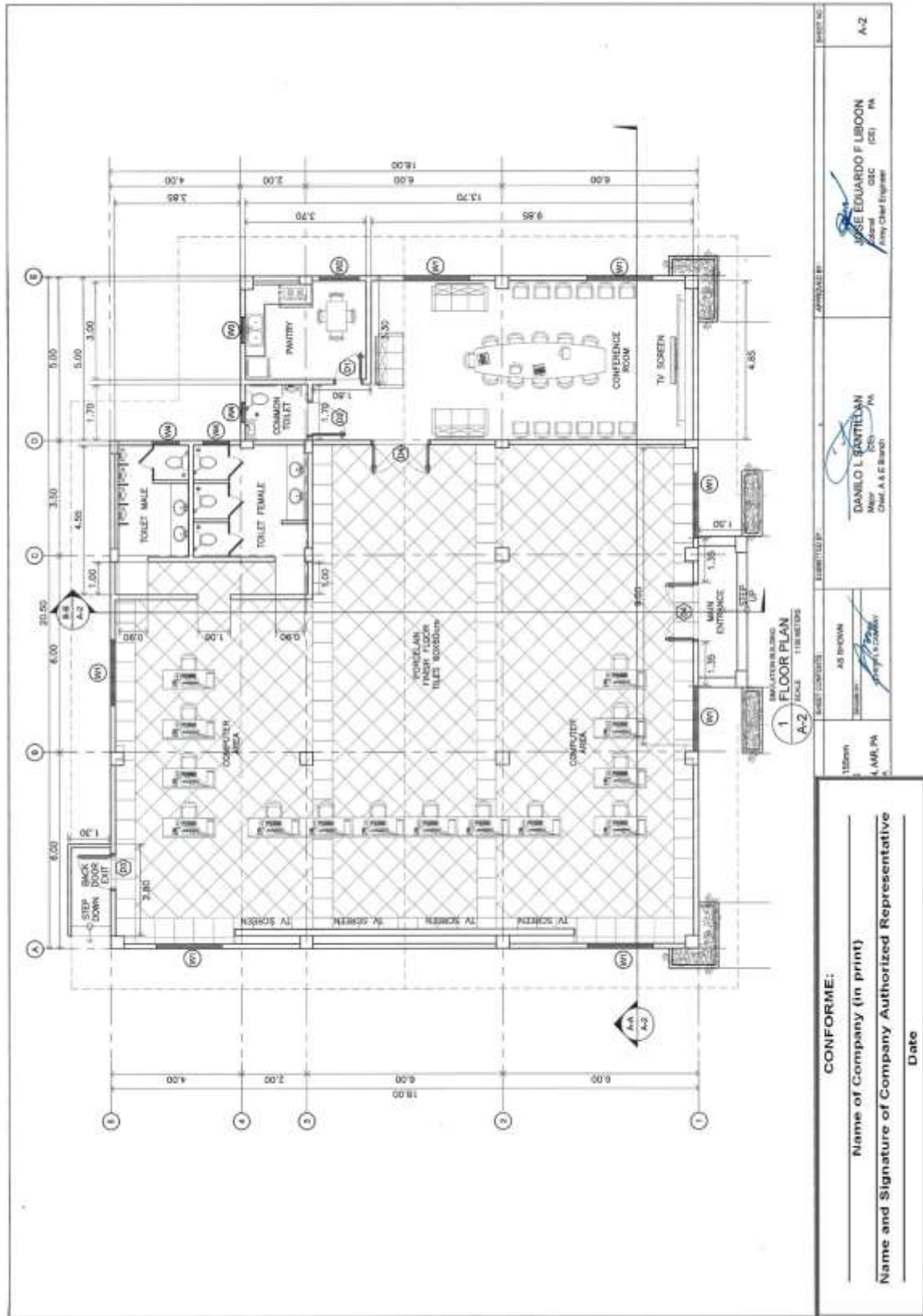
4 SITE LOCATION PLAN
SCALE 1:500 METERS

CONFORME:
Name of Company (in print) _____
Name and Signature of Company Authorized Representative _____
Date _____

DESIGNED BY: AS SHOWN DATE: 07/20/2023 DRAWN BY: EDUARDO F. LIBON CHECKED BY: FRANCIS ANTONY M. CORONEL SCALE: 1:5000 METERS	DESIGNED BY: DANIEL O. SANTILLAN DATE: 07/20/2023 DRAWN BY: FRANCIS ANTONY M. CORONEL CHECKED BY: EDUARDO F. LIBON SCALE: 1:5000 METERS	DESIGNED BY: EDUARDO F. LIBON DATE: 07/20/2023 DRAWN BY: FRANCIS ANTONY M. CORONEL CHECKED BY: EDUARDO F. LIBON SCALE: 1:500 METERS	DESIGNED BY: EDUARDO F. LIBON DATE: 07/20/2023 DRAWN BY: FRANCIS ANTONY M. CORONEL CHECKED BY: EDUARDO F. LIBON SCALE: 1:500 METERS
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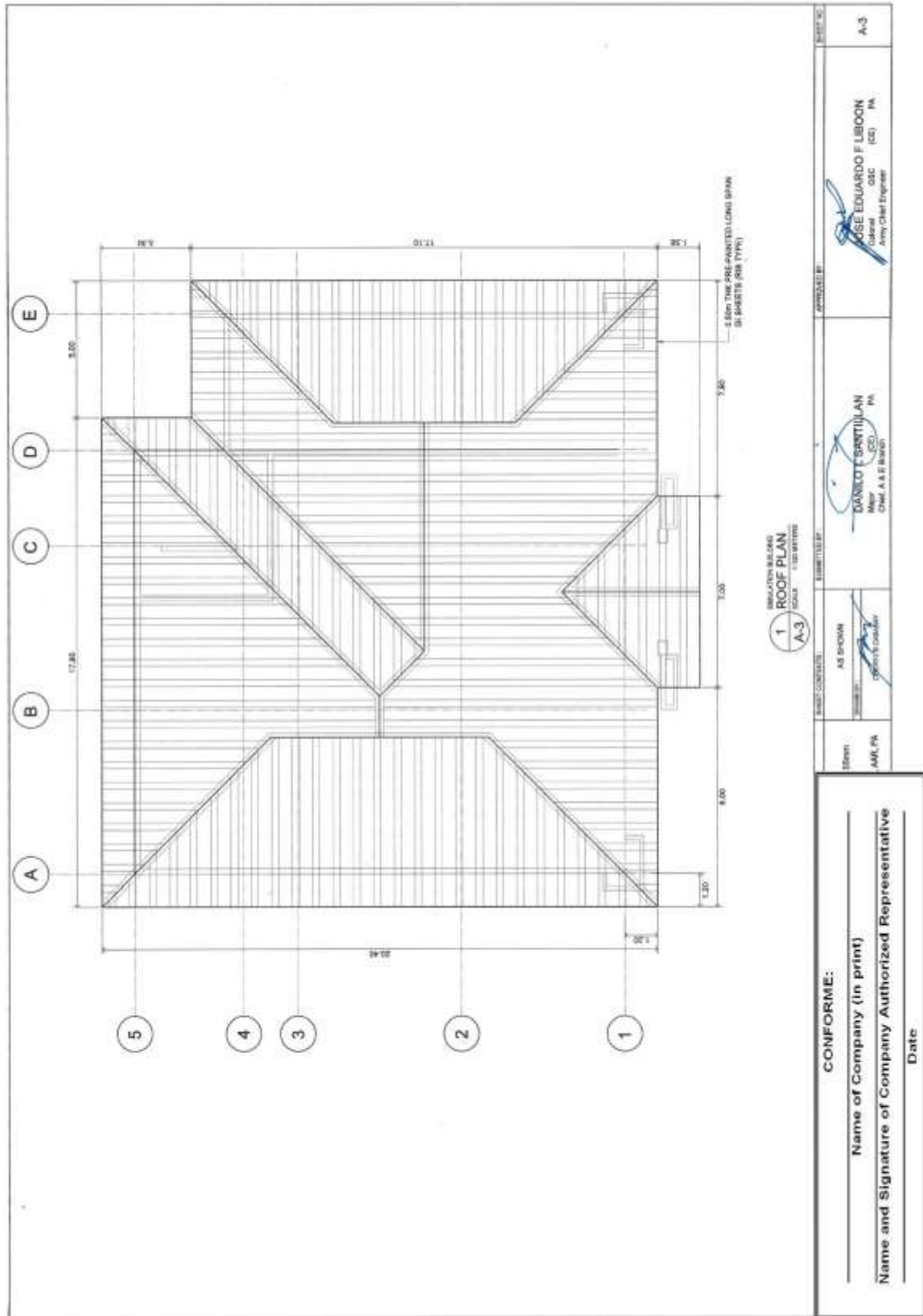
(Page 69/87)
Construction of Operational Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot)

Bid Ref. No. ENG'G PABAC3 018-23



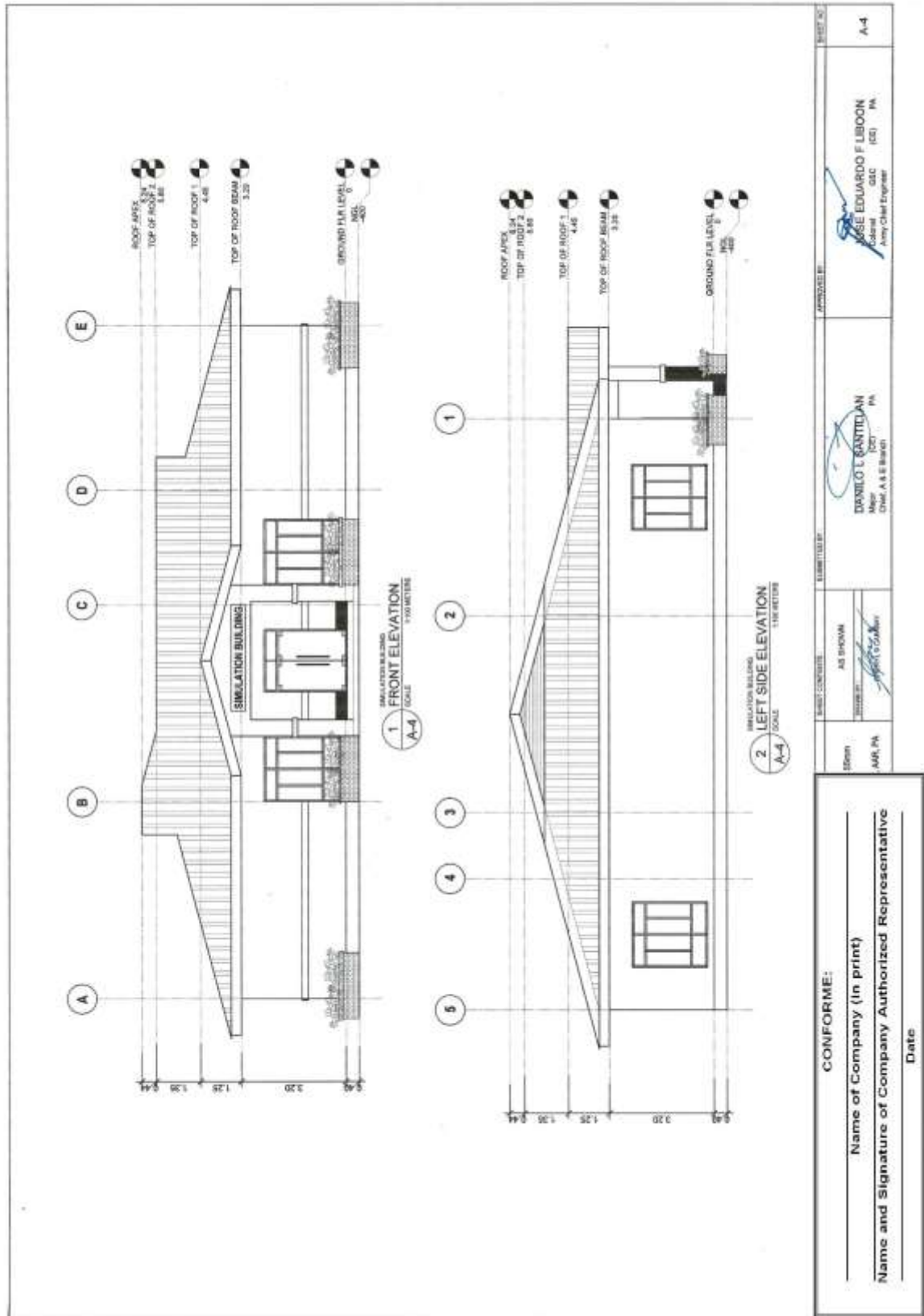
(Page 70/87)
Construction of Operational Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot)

Bid Ref. No. ENG'G PABAC3 018-23



(Page 71/87)
Construction of Operational Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot)

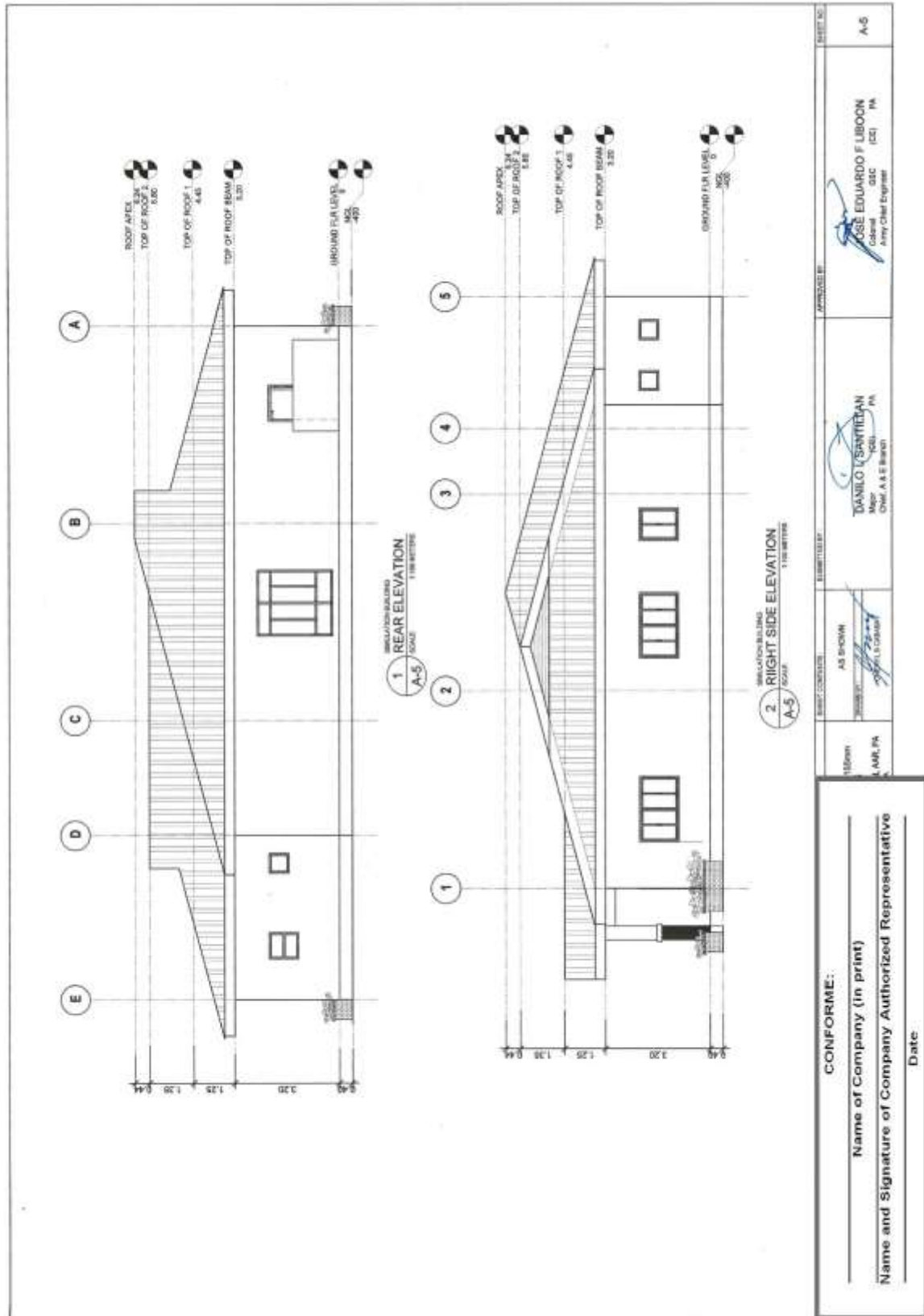
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(Page 72/87)

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

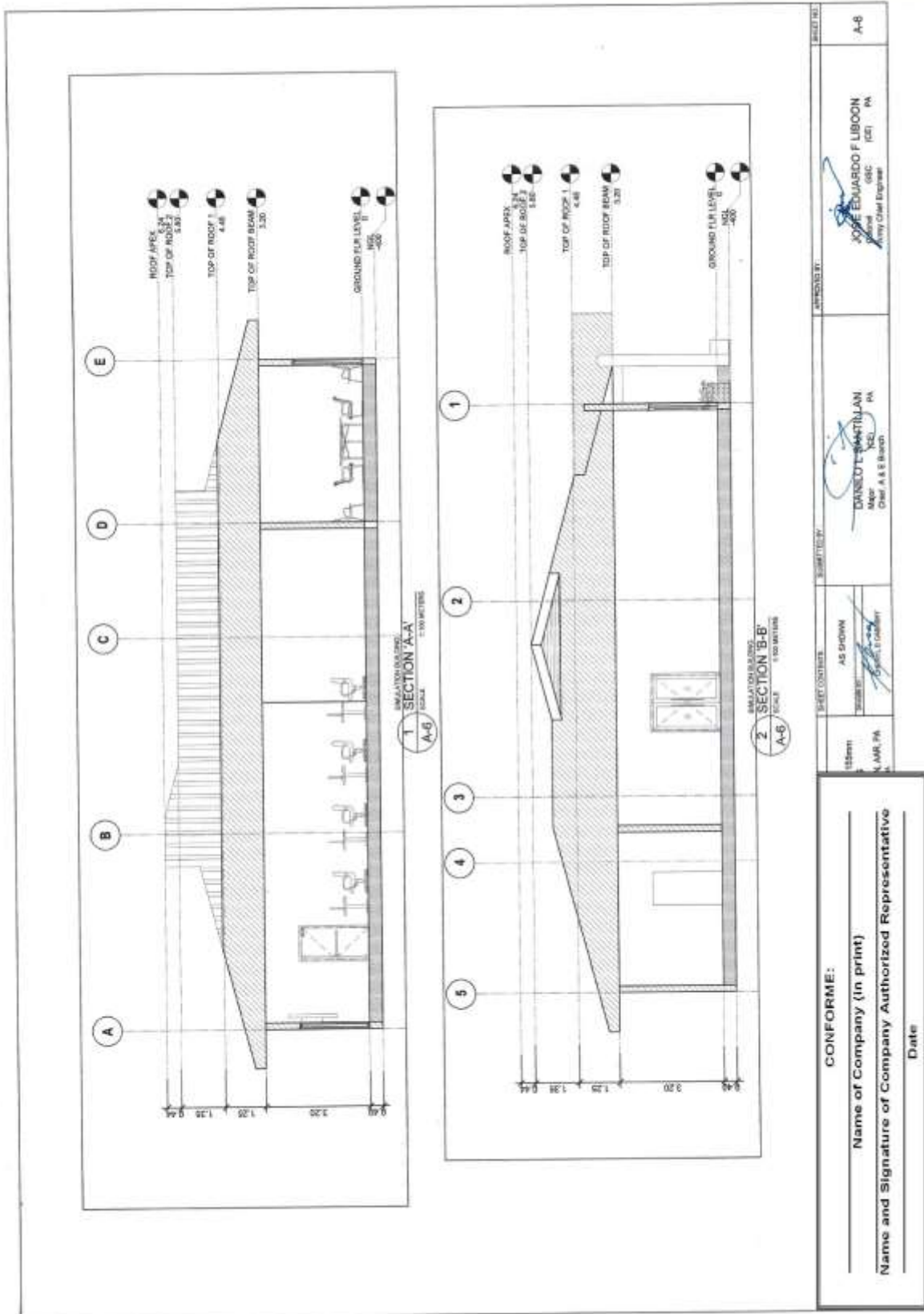
Bid Ref. No. ENG'G PABAC3 018-23



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

Bid Ref. No. ENG'G PABAC3 018-23



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

Bid Ref. No. ENG'G PABAC3 018-23

1 SCHEDULE OF DOORS AND WINDOWS
1:4 METER SCALE

1 SCHEDULE OF DOORS AND WINDOWS
1:4 METER SCALE

CONFORME:
Name of Company (In print)
Name and Signature of Company Authorized Representative
Date

APPROVED BY:
MARCELO MANUEL AN
Chief, A & E Branch

APPROVED BY:
MARCELO EDUARDO F. LIBON
Chief, A & E Branch

DATE:
1-24-2018

PROJECT NO.:
A-7

(Page 75/87)

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

Bid Ref. No. ENG'G PABAC3 018-23

GENERAL NOTES

- IN THE INTERPRETATION OF THE DRAWING, INDICATED DIMENSIONS SHALL GOVERN AND DISCREPANCIES AND SIZES SHALL NOT BE SOLED FOR CONSTRUCTION PURPOSES.
- IN REFERENCE TO OTHER DRAWINGS SET ARCHITECTURAL DRAWINGS FOR DIMENSIONING IN FLOOR SLABS, OPENINGS IN THE WALLS AND SLAB, WINDOW PARTINGS, 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 IS BUILDING CODE REQUIREMENTS AND REFINISHED TO ALL STRUCTURAL STEEL WORK ACCORDING TO THE REFINISHING CODE REQUIREMENT, SO THAT AS THEY DO NOT CONFLICT WITH THE LOCAL BUILDING CODE REQUIREMENT.
- NO REFER TO AMERICAN CONCRETE INSTITUTE, ALSO TO AMERICAN INSTITUTE OF STEEL CONSTRUCTION AND ASTM TO AMERICAN SOCIETY FOR TESTING MATERIALS.
- CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DIMENSIONS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
- SHOP DRAWINGS WITH DETAIL AND PLACING DIAGRAMS OF ALL STRUCTURAL STEELS, MISCELLANEOUS WORK, REINFORCED CONCRETE, ETC., SHALL BE SUBMITTED FOR CHECK, APPROVAL, BEFORE FABRICATION.
- CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CURBS, SILLS, STOKES, EDGEMENTS 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.

NOTES ON CONCRETE MIXES & PLACING

- ALL CONCRETE SHALL DEVELOP A MIN. COMPRESSIVE STRENGTH AT THE END OF TWENTY (20) DAYS (28) DAYS W/ CORRESPONDING MAXIMUM SIZE AGGREGATE & SLUMPS AS FOLLOWS:

LOCATION	28 DAYS STRENGTH	MAX. SIZE OF AGGREGATE	MAX. SLUMP
ALL BRICKS 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
- MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCED STEEL AS FOLLOWS:

SUSPENDED SLABS	20mm
SLAB ON GRADE	40mm
WALLS ABOVE GRADE	20mm
BEAM STIRRUPS AND COLUMN TIES	40mm
WHERE CONCRETE IS EXPOSED TO WEATHER AND/OR SOILS	50mm
WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	75mm
- CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION, SE-HARDING 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.
- 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 VIBRATORS ARE EXTREMELY DIFFICULT TO ACCOMPLISH.

DETAILS

TYPICAL CONNECTION DETAIL OF MASONRY WALL

12 THK. EXPANSION JOINT WITH MASTIC FILLER

FOR SIZE AND SPACING OF HOR. & VERT. BARS SEE CONSTRUCTION NOTES.

CORNER WALL

12 THK. EXPANSION JOINT WITH MASTIC FILLER

FOR SIZE AND SPACING OF HOR. & VERT. BARS SEE CONSTRUCTION NOTES.

INTERSECTION WALL

FOR SIZE AND SPACING OF HOR. & VERT. BARS SEE CONSTRUCTION NOTES.

OPENING OR END WALL

FOR SIZE AND SPACING OF HOR. & VERT. BARS SEE CONSTRUCTION NOTES.

SECTION

FOR SIZE AND SPACING OF HOR. & VERT. BARS SEE CONSTRUCTION NOTES.

CONCRETE BASES TO MATCH CHB VERT. BARS

2-#12 TOP BARS

2-#12 BOT. BARS

1-#16 VERT. BARS TYPICAL

FIN. FUR. U/L

NOTES ON FOOTINGS

- 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 30mm FOR CONCRETE DEPOSITED AGAINST A FORMWORK.

GENERAL NOTES

- ALL ANCHOR BOLTS, DOWNERS, AND OTHER INSERTS SHALL BE PROPERLY POSITIONED & SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.
- ALL CONCRETE SHALL BE KEPT MOST FOR A MINIMUM OF SEVEN CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF NET BURLAP, FOG SPRINKLING, CURING COMPOUNDS OR OTHER APPROVED METHODS.
- STRIPPING OF FORMS AND SHORES:

FOUNDATION	24 HRS.
SUSPENDED SLAB	14 DAYS
BEAMS	21 DAYS
COLUMNS	21 DAYS
- 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.
- THE CONTRACTOR SHALL FURNISH AND MAINTAIN ADEQUATE FORMS AND SHORING UNTIL THE CONCRETE MEMBERS HAVE ATTAINED THEIR WORKING CONDITION AND STRENGTH.

REVISIONS

NO.	DESCRIPTION	DATE
1	AS SHOWN	

APPROVED BY: DONATO J. LIBOON
Chief A & S Engineer

APPROVED BY: JOSE EDUARDO F. LIBOON
Chief A & S Engineer

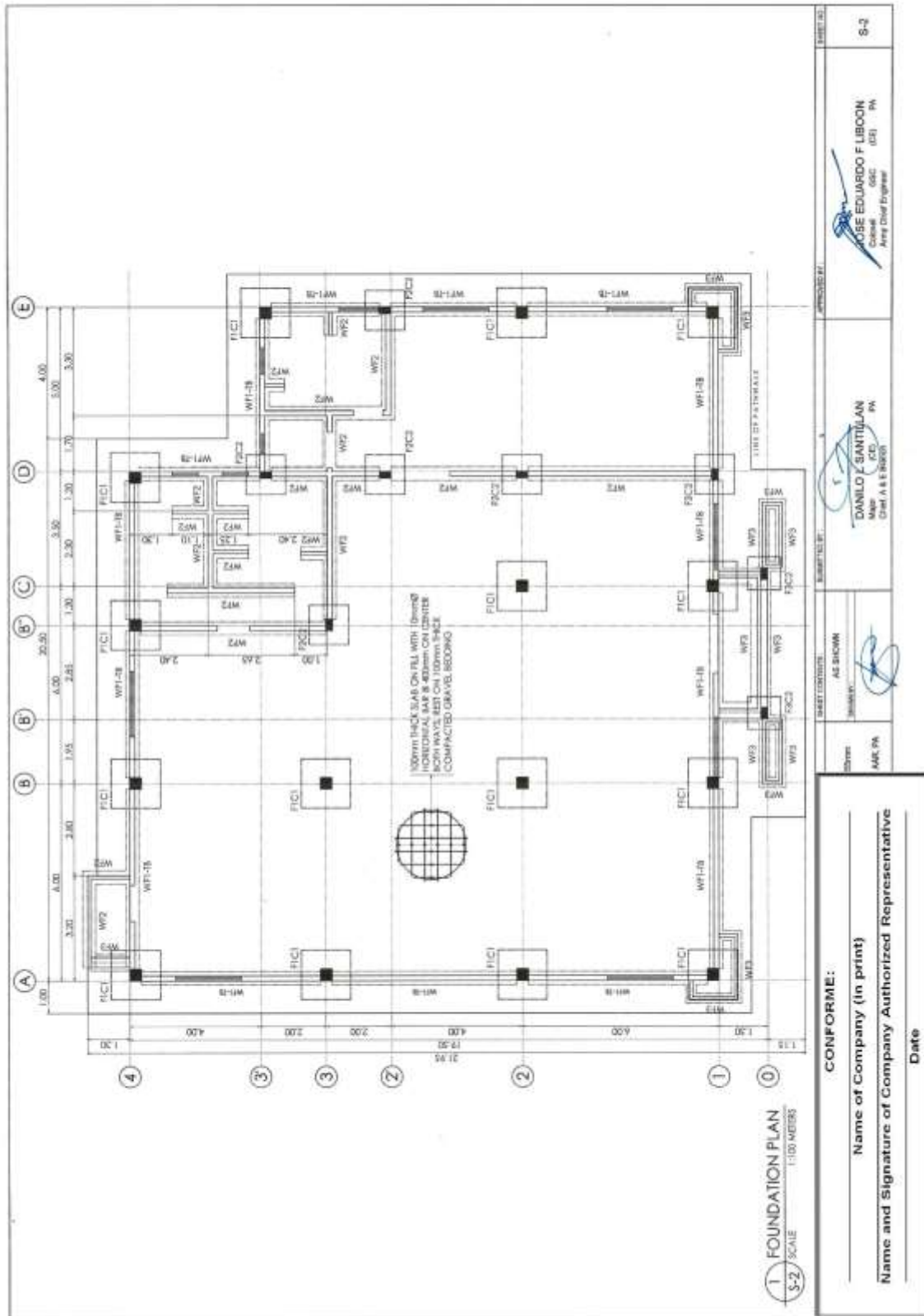
CONFORME:

Name of Company (in print)

Name and Signature of Company Authorized Representative

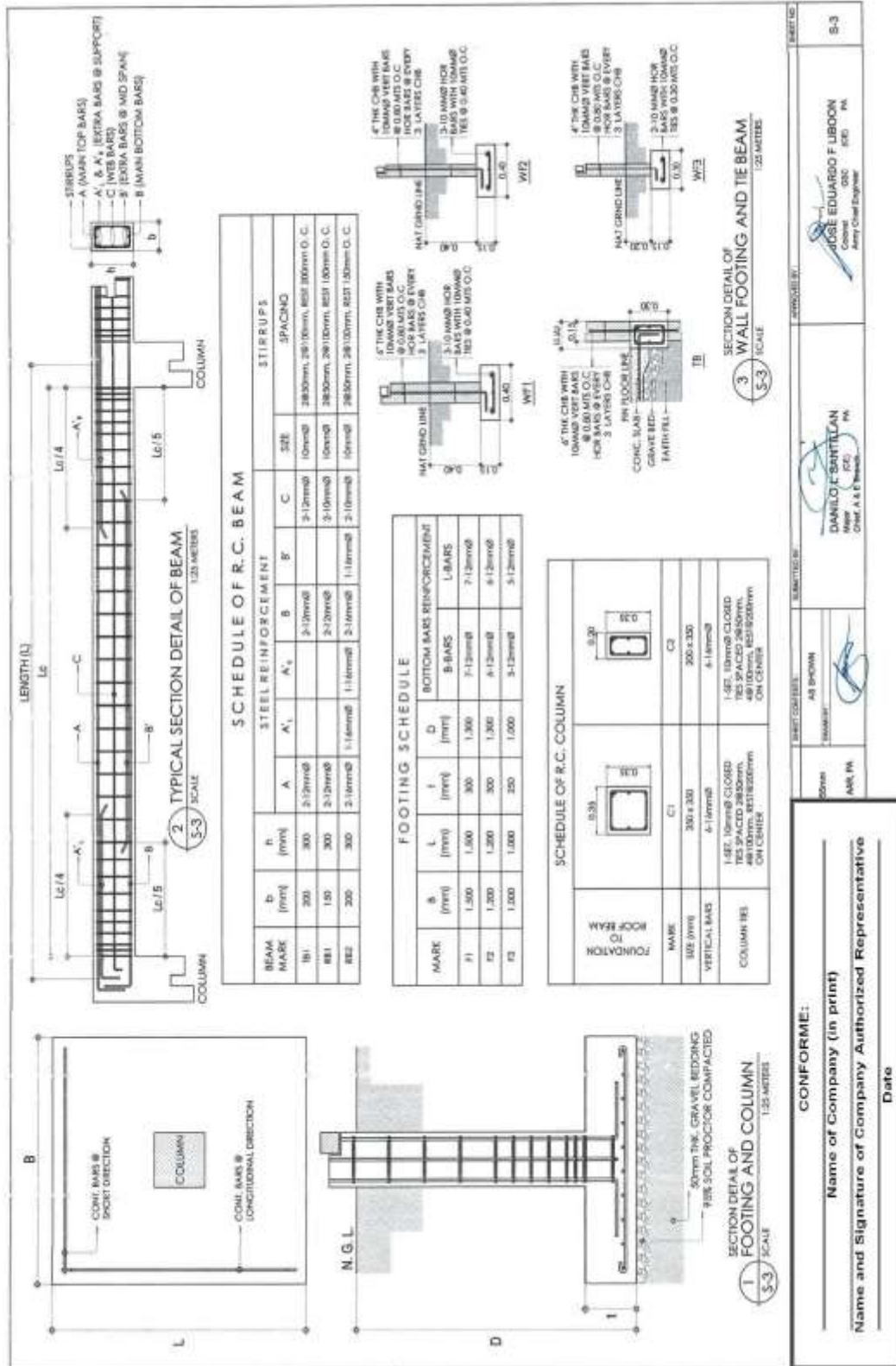
Date

Bid Ref. No. ENG'G PABAC3 018-23

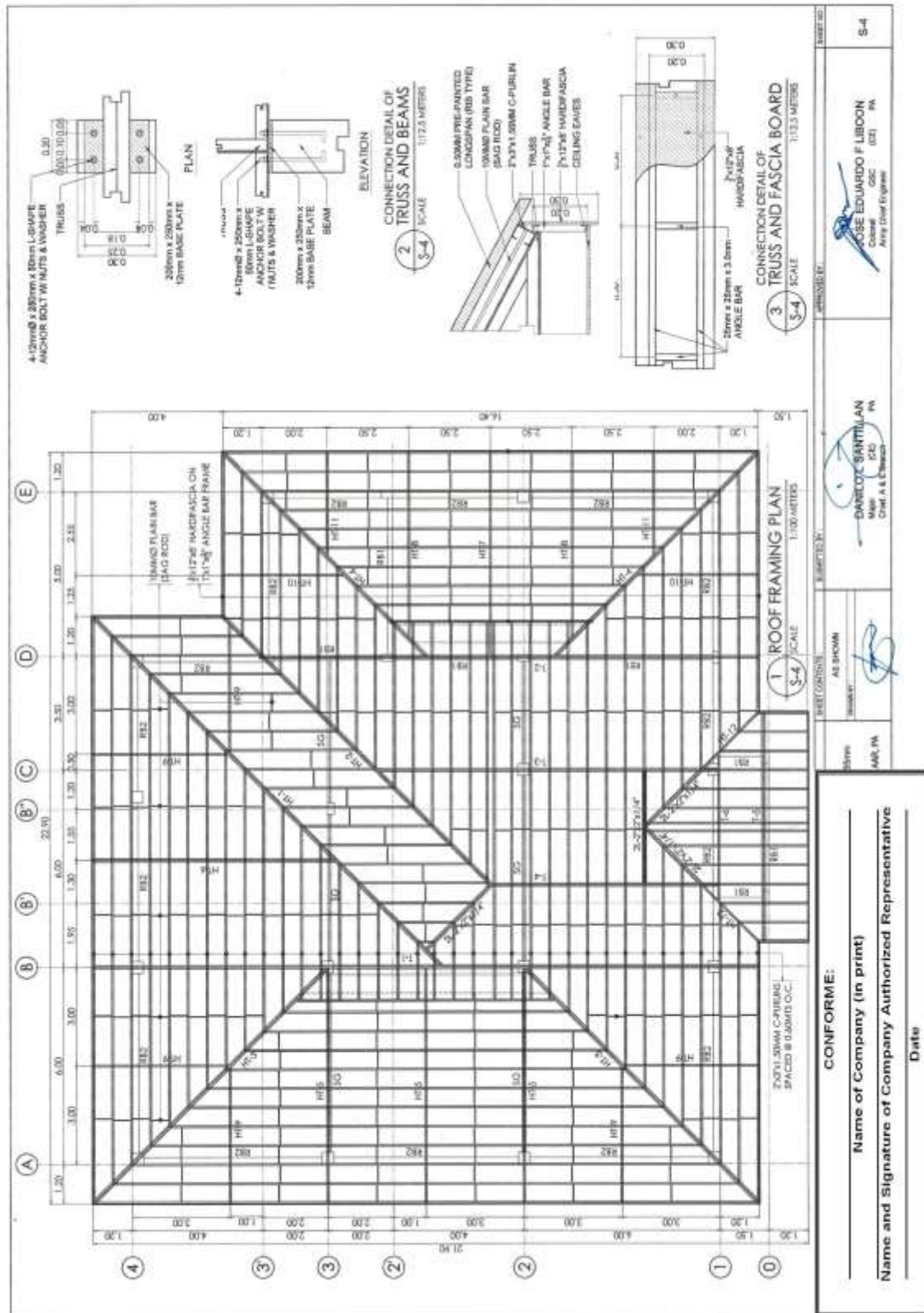


(Page 77/87)
Construction of Operational Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot)

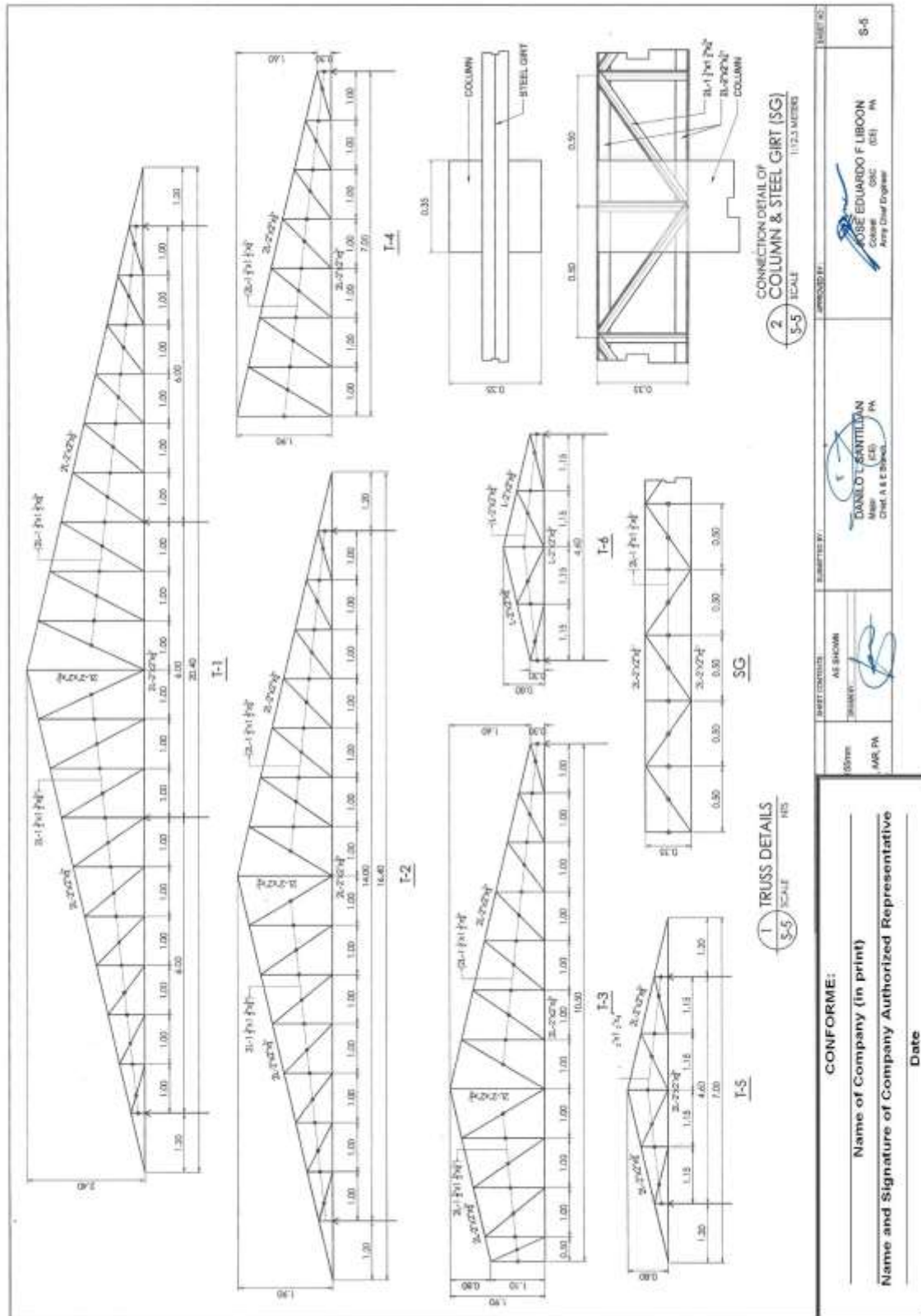
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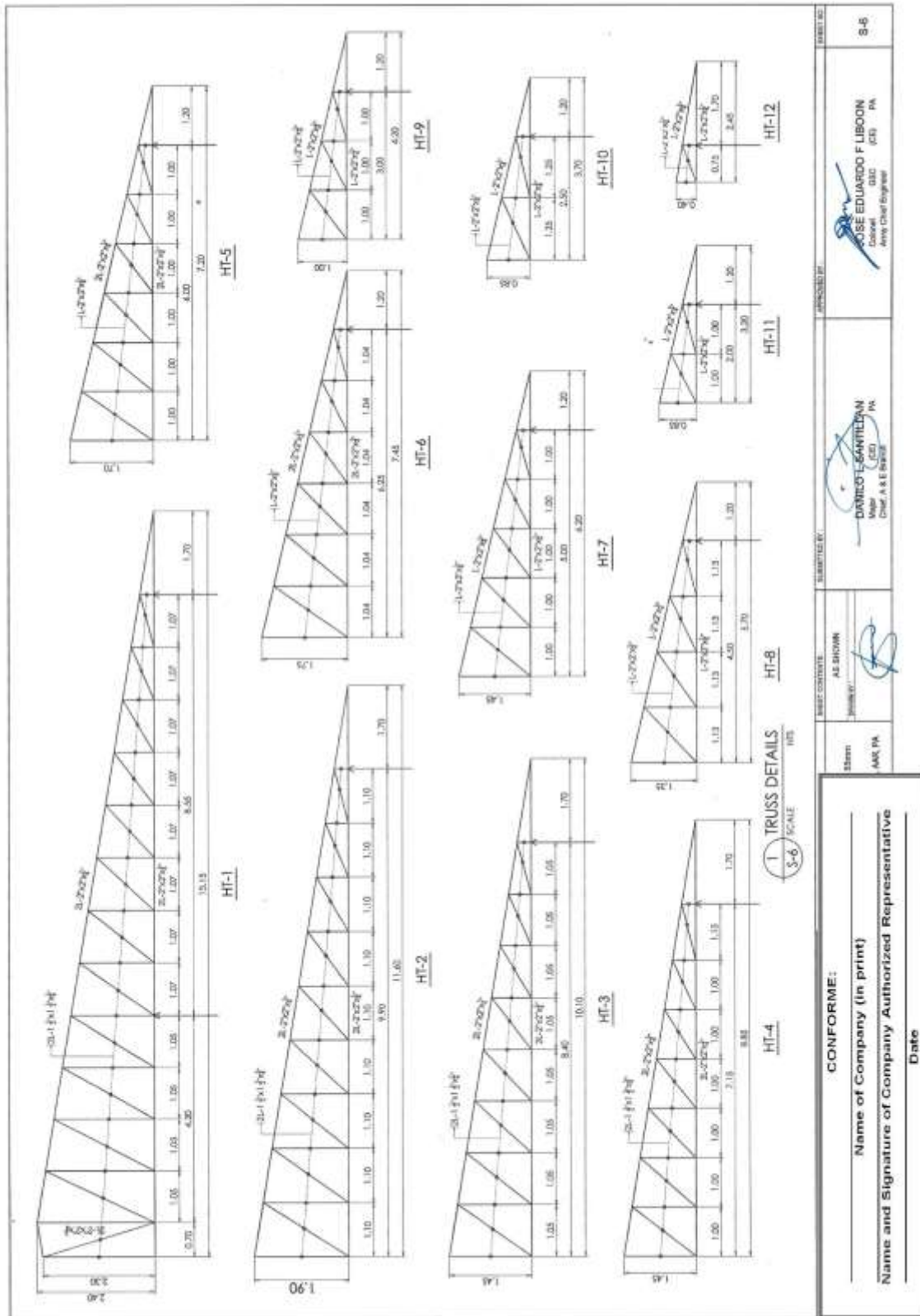
**Construction of Operational Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 018-23**



**Construction of Operational Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 018-23**



**Construction of Operational Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 018-23**



CONFORME:

Name of Company (in print) _____

Name and Signature of Company Authorized Representative _____

Date _____

Sheet:	AMK PA
Project:	AS SHOWN
Submitted by:	
Approved by:	 JOSE EDUARDO F. LIBOON Colonel (CD) (CS) PA Army Chief Engineer
Drawn by:	 DANIEL LIBOON Major (CD) (CS) PA Chief, A & E Section
Drawn No.:	8-8

Construction of Operational Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot) Bid Ref. No. ENG'G PABAC3 018-23

GENERAL NOTES

- ALL SANITARY WORKS SHALL CONFORM WITH THE PREVAILING REQUIREMENTS OF LOCAL ORDINANCES AND LATEST EDITION OF NATIONAL PLUMBING CODE OF THE PHILIPPINES.
- ALL PIPES SHALL BE INSTALLED AS INDICATED. ANY REDUCTION REQUIRED TO PROSPER EXECUTION OF OTHER TRADES SHALL BE WITH PRIOR OF THE DESIGNER.
- ALL SLOPE FOR HORIZONTAL PIPES WITH 100MM DIAMETER OR SMALLER SHALL MAINTAIN 2% AS MINIMUM. OTHERWISE SHALL MAINTAIN A MINIMUM SLOPE OF 1%.
- ALL FITTINGS SHALL BE NOTED, UNLESS OTHERWISE NOTED.
- ALL PIPES SIZES INDICATED ARE IN MILLIMETER (MM) DIAMETER, UNLESS OTHERWISE NOTED.
- ALL WATER PIPES SHALL BE PROVIDED WITH 30 CM PPE 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 INDICATIVELY 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL GOVERNMENT / LOCAL CONSTRUCTION AND OPERATION PERMITS AND PAYS ALL REQUIRED FEES.

SECTION THRU A

1 SEPTIC VAULT DETAIL
SCALE 1:50 METERS

SPECIFICATION

- COLD WATER PPE - PPR PPE OR APPROVED QUALITY.
- DOWNSPOUT - POLYVINYL CHLORIDE, SERIES 1000.
- STORM DRAINAGE PPE - INTERIOR - POLYVINYL CHLORIDE, SERIES 1000
- EXTERIOR - CONCRETE PPE, ASTM STANDARDS.
- VENT PIPE / VENT STACK - POLYVINYL CHLORIDE, SERIES 1000.
- SOL AND WASTE PIPES - POLYVINYL CHLORIDE, SERIES 1000.
- PPE SEALANT - POLYVINYL CHLORIDE SOLVENT CEMENT.

LEGEND:

- OWL - COLD WATER LINE
- WC - WATER CLOSET
- LFJ - JANUARY
- FD - FLOOR DRAIN
- KS - KITCHEN SINK
- UBI - URINAL
- CO - CLOTH-OUT
- VP - VENT PPE
- VSR - VENT STACK THRU-ROOF
- SP - SOL PPE
- WF - WATER FAUCET
- SHW - SHOWER HEAD
- DV - DRY VALVE
- WM - WATER METER
- WSP - WATER CLOSET SUPPLY PPE
- LSP - LAUNDRY TUB SUPPLY PPE
- TV - SEPTIC VAULT

CONFORME:

Name of Company (in print)

Name and Signature of Company Authorized Representative

Date

AS DESIGN

DRIVEL CORRIJAN

DR. A. B. BARR

APPROVED BY:

ROSE EDUARDO F LIBOON

Colonel

Army Chief Engineer

Sheet No.

AS DESIGN

DRIVEL CORRIJAN

DR. A. B. BARR

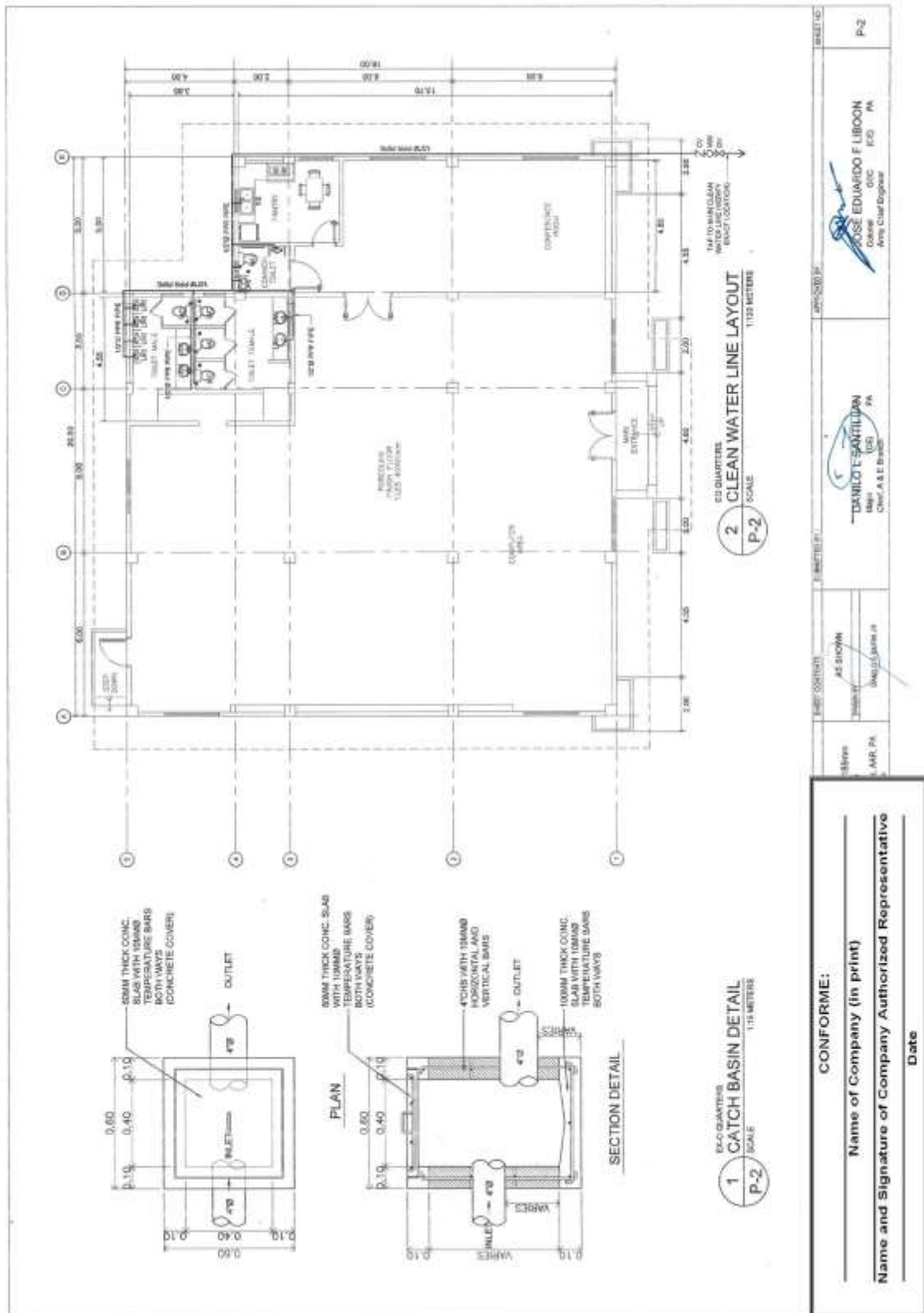
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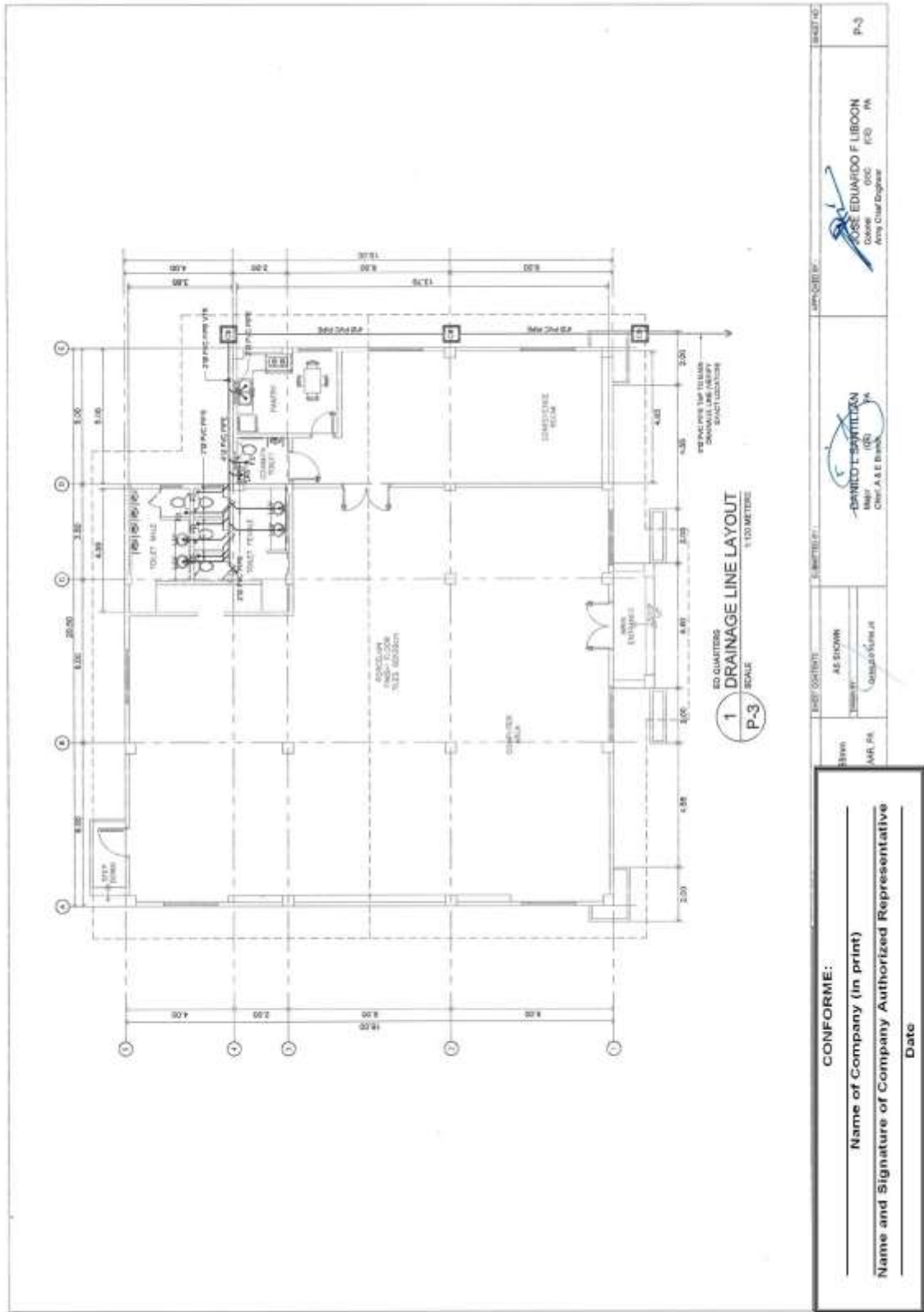
DRIVEL CORRIJAN

DR. A. B. BARR

**Construction of Operational Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot)
Bid Ref. No. ENG'G PABAC3 018-23**

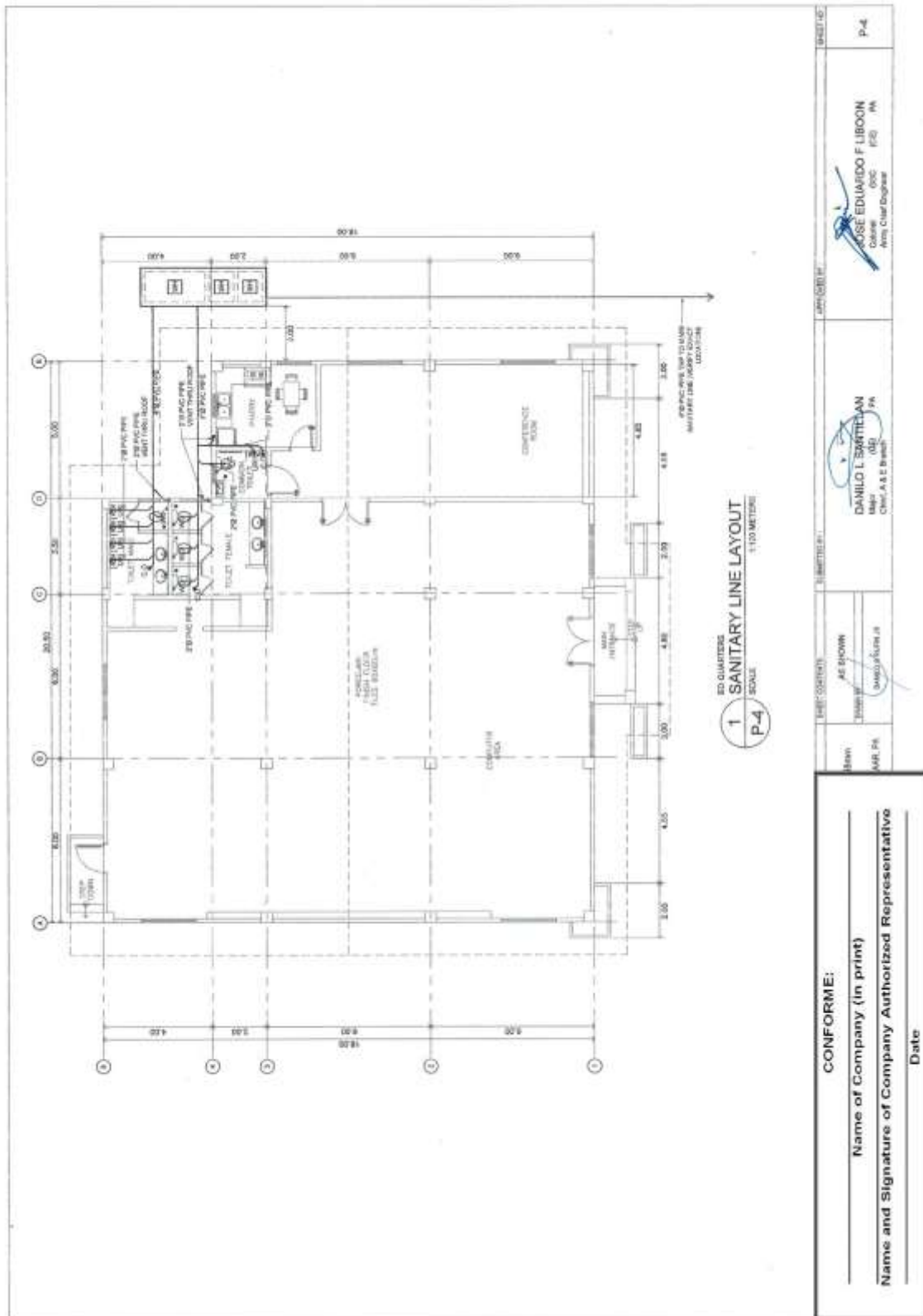


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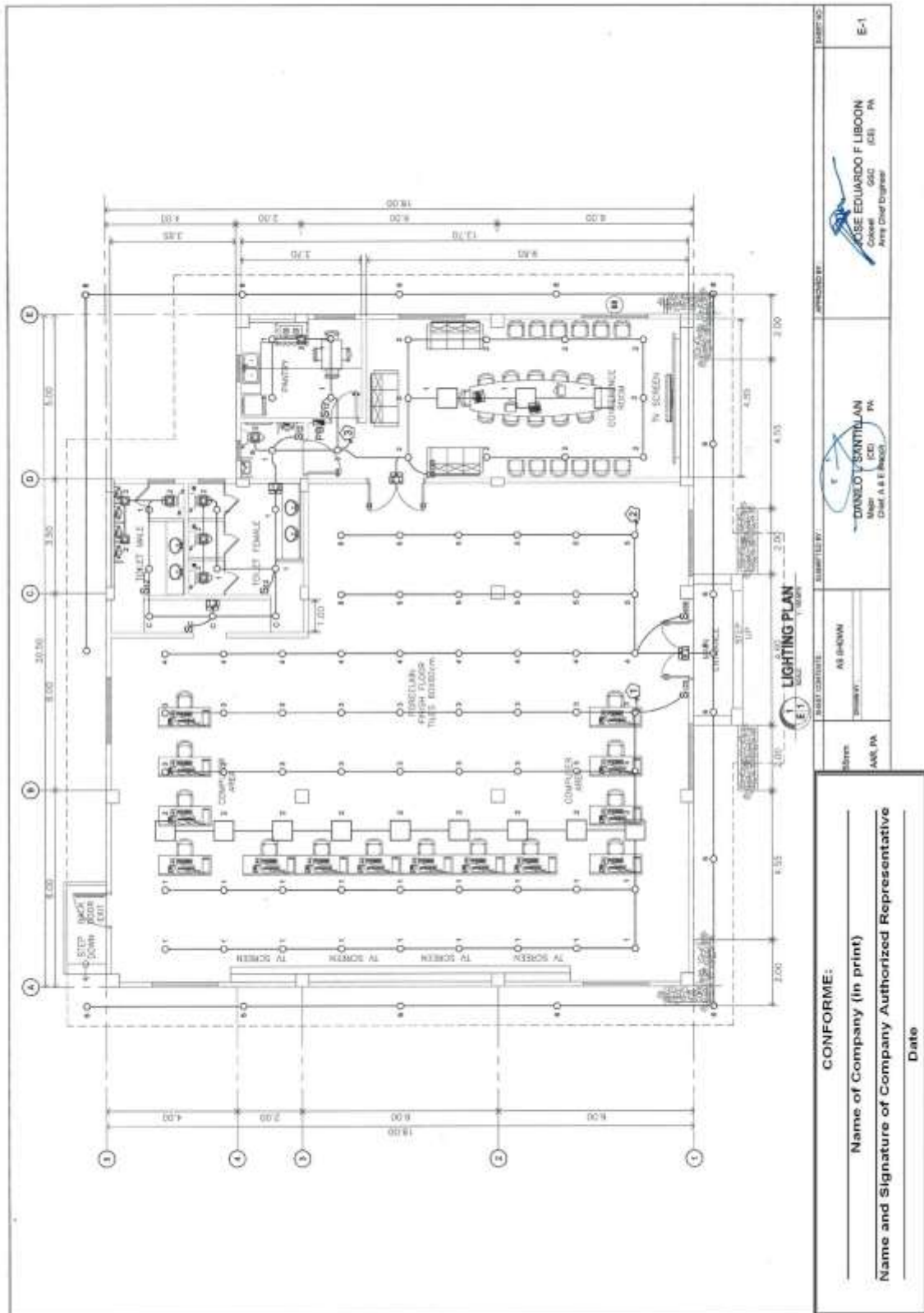
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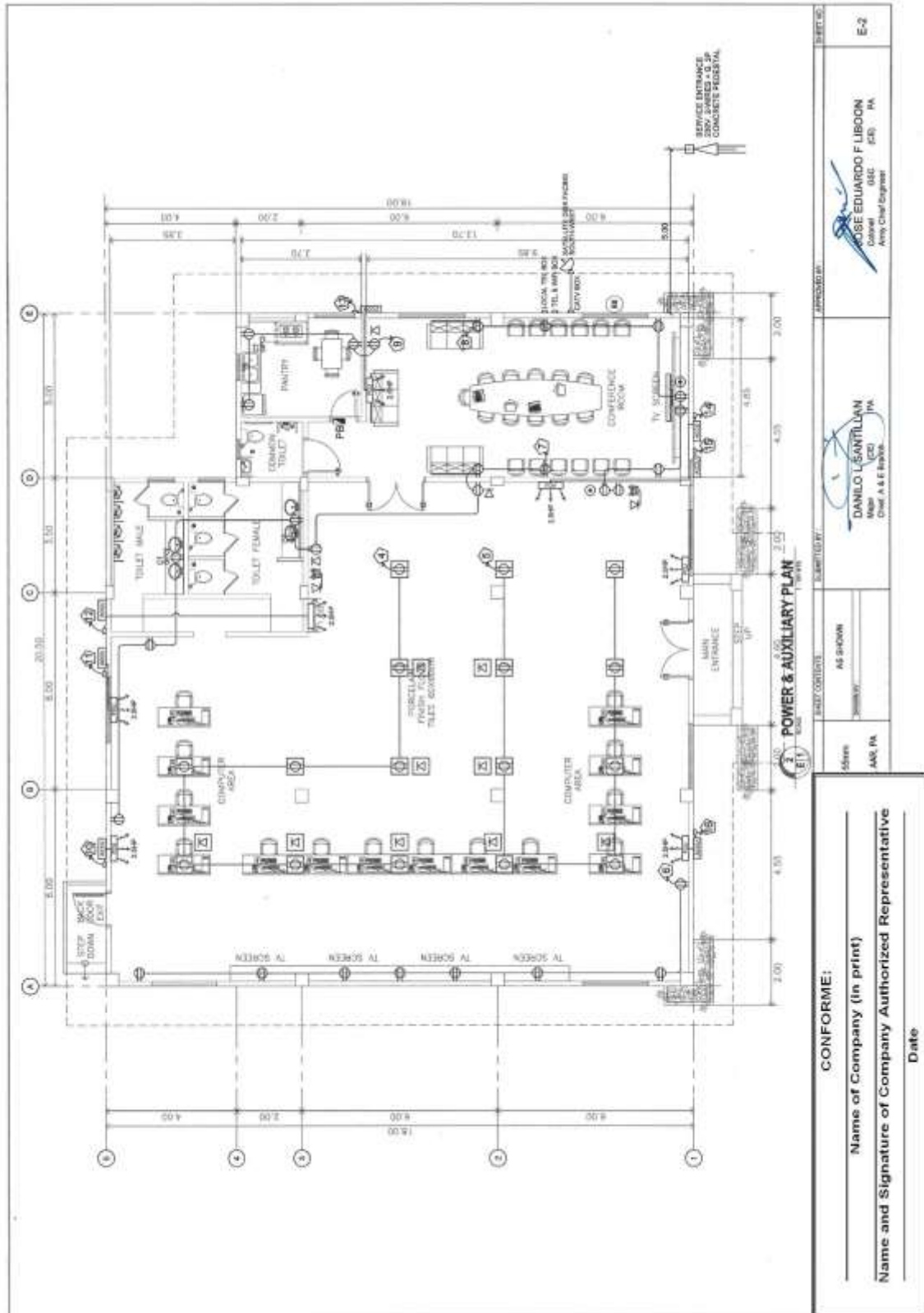
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**Construction of Operational Facilities of 155mm SP Howitzer for AAR, PA at Fort Magsaysay, Nueva Ecija (1 Lot)
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