REHABILITATION OF POWER HOUSE

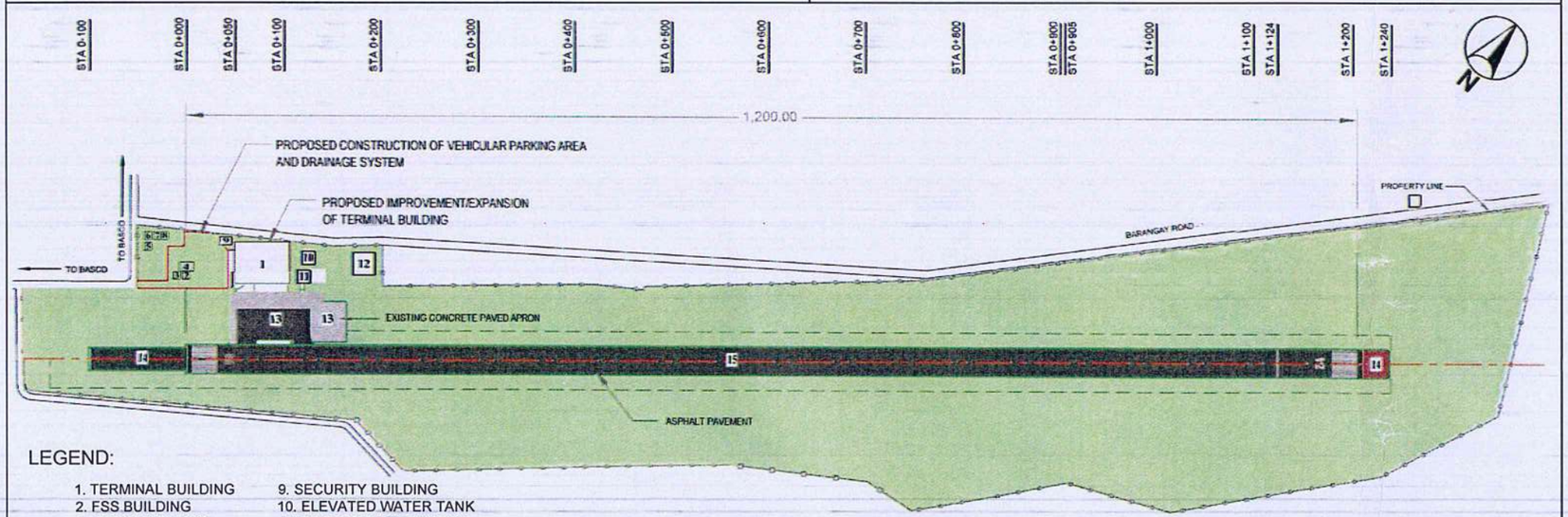
1 A-01 A-01 EXTERIOR PERSPECTIVE

SCALE: NTS.

REHABILITATION OF POWER HOUSE

2 A-01 A-01 VICINITY MAP

SCALE: NTS.



LEGEND:

1. TERMINAL BUILDING
2. FSS BUILDING
3. ADMIN BUILDING
4. FSS BUILDING PHASE 2
5. NEW POWER HOUSE
6. OLD POWER HOUSE
7. GUEST HOUSE
8. WAREHOUSE
9. SECURITY BUILDING
10. ELEVATED WATER TANK
11. FIRE STATION BUILDING
12. PROPOSED GUEST HOUSE 2
13. CONCRETE PAVE APRON
    ASPHALT PAVE APRON
14. STOPWAY END
15. EXISTING RUNWAY (ASPHALT)

REHABILITATION OF POWER HOUSE

3 A-01 A-01 AIRPORT PROFILE/ LOCATION MAP

SCALE: NTS.

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REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAY

OFFICE OF THE BUILDING OFFICIALS

DISTRICT / CITY / MUNICIPALITY

LAND USE AND ZONING

LINE AND GRADE

ARCHITECTURAL

CIVIL / STRUCTURAL

ELECTRICAL

MECHANICAL

SANITARY / PLUMBING

ELECTRONICS

GEODETIC ENGINEERS

BAGONG PILIPINAS

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE
NAIA ROAD, 1300 PASAY CITY

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Director General

NOTES/REVISIONS:

PROJECT:

REHABILITATION OF POWERHOUSE AND SUPPLY, DELIVERY AND INSTALLATION OF GENERATOR SET AT BASCO AIRPORT

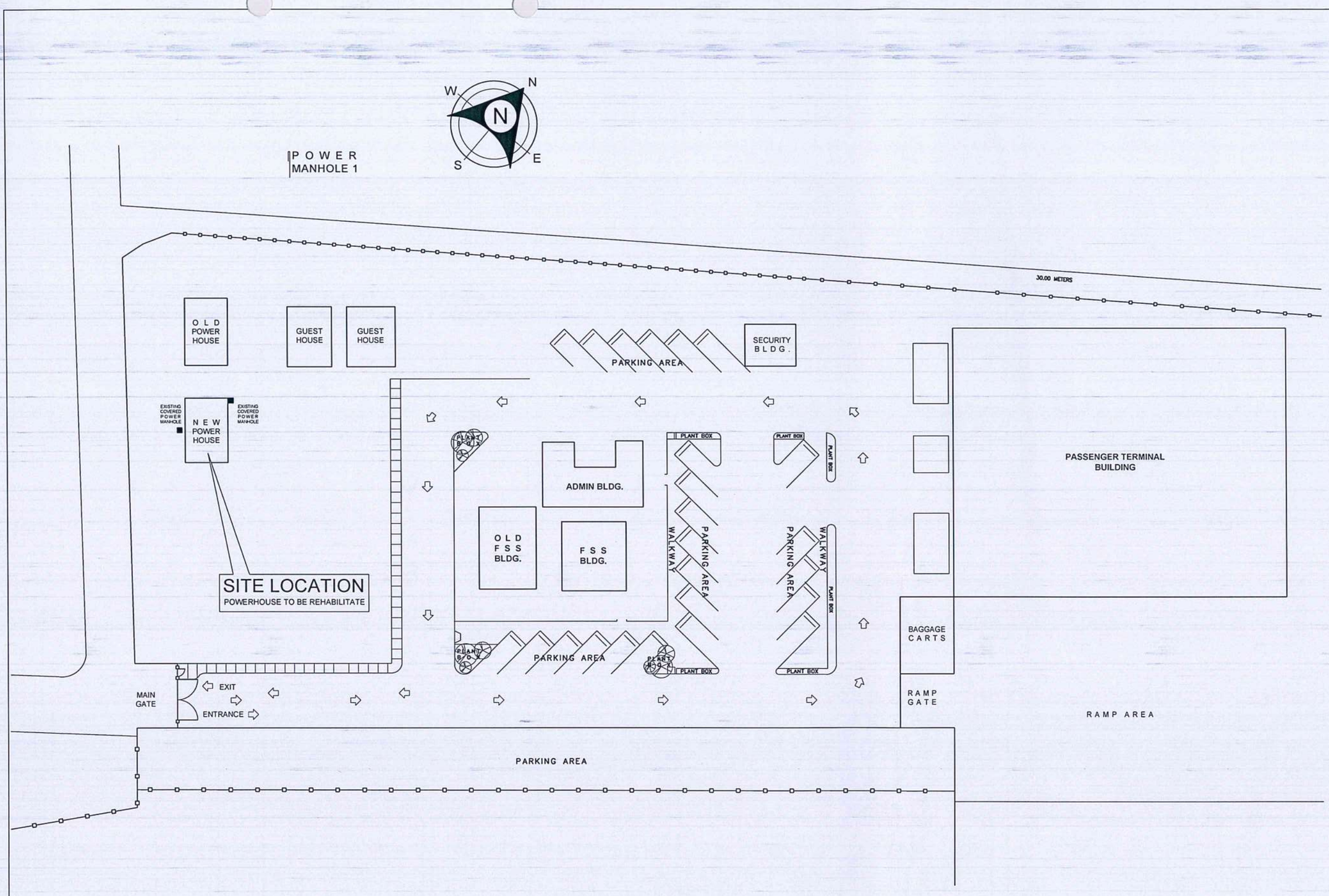
LOCATION:

BASCO AIRPORT
BARANGAY IHUVOK II,
BASCO, BATANES

SHEET CONTENTS:

- EXTERIOR PERSPECTIVE
- VICINITY MAP
- SITE DEVELOPMENT PLAN

DRAWING SCALE:	SHEET NO:	
AS SHOWN	A - 01	
	01	05



REHABILITATION OF POWER HOUSE

SITE DEVELOPMENT PLAN

1 / A-02/A-02 SCALE: NTS.

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LOCATION:

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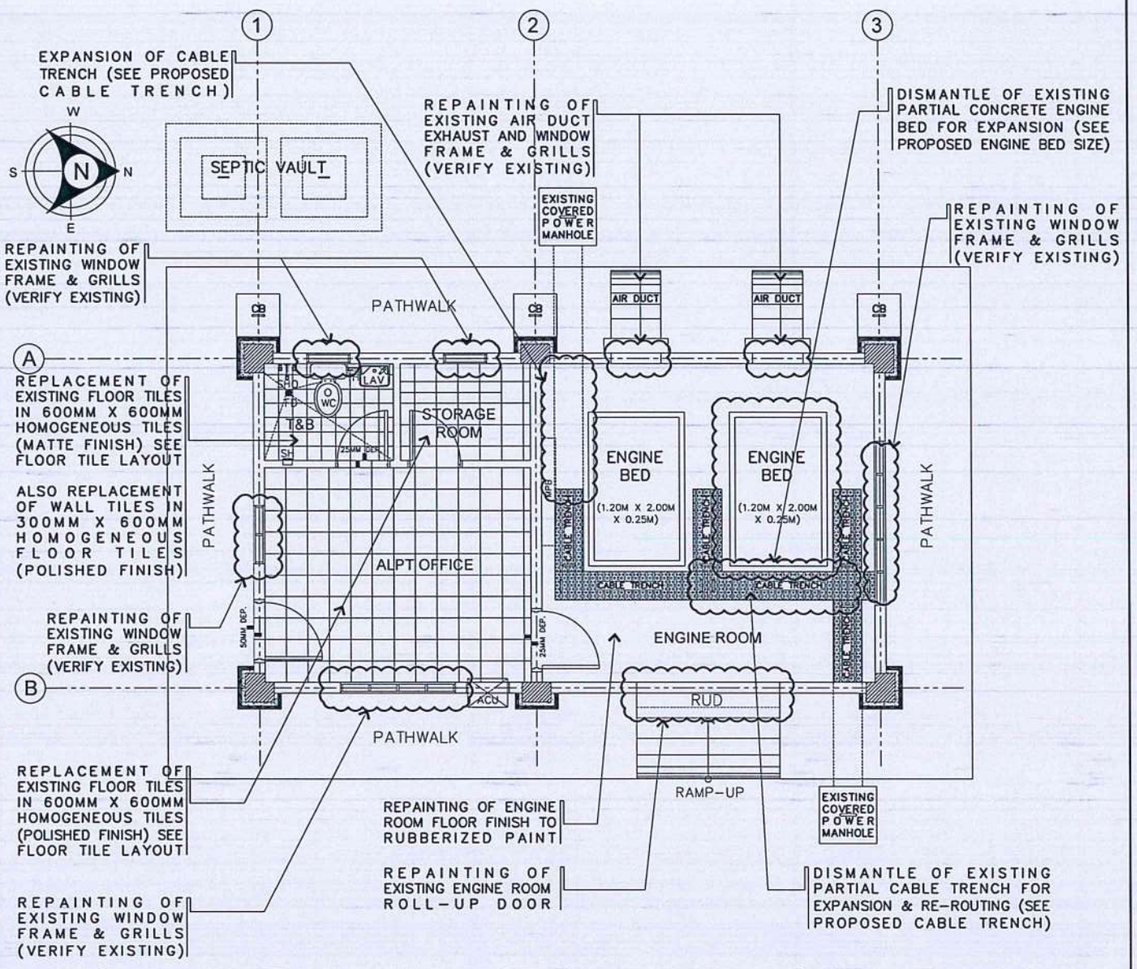
BARANGAY IHUVOK II,
BASCO, BATANES

SHEET CONTENTS:

- SITE DEVELOPMENT PLAN

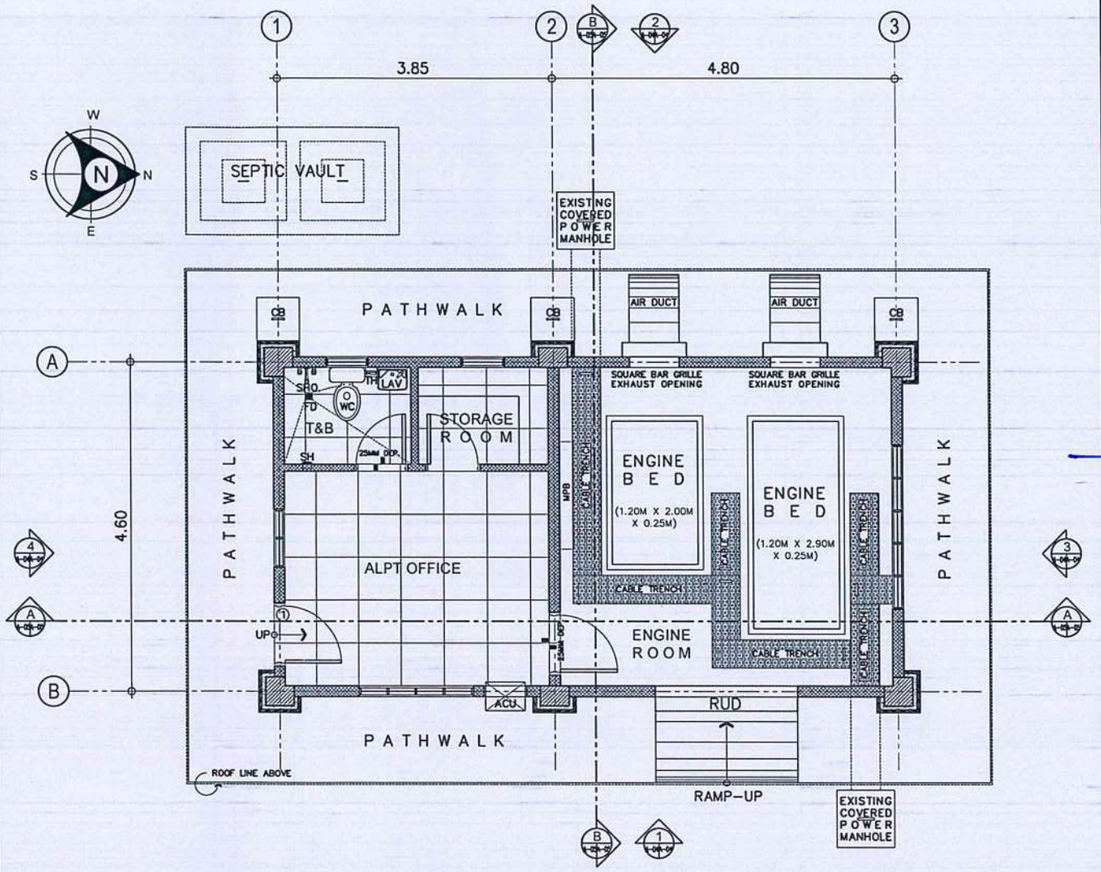
DRAWING SCALE:	SHEET NO:	
AS SHOWN	A - 02	
	02	05



REHABILITATION OF POWER HOUSE

1 / A-03 — GROUND FLOOR (DEMOLITION/ EXISTING PLAN)

SCALE: 1:50 MTS.



REHABILITATION OF POWER HOUSE

2 / A-03 — GROUND FLOOR (PROPOSED PLAN)

SCALE: 1:50 MTS.

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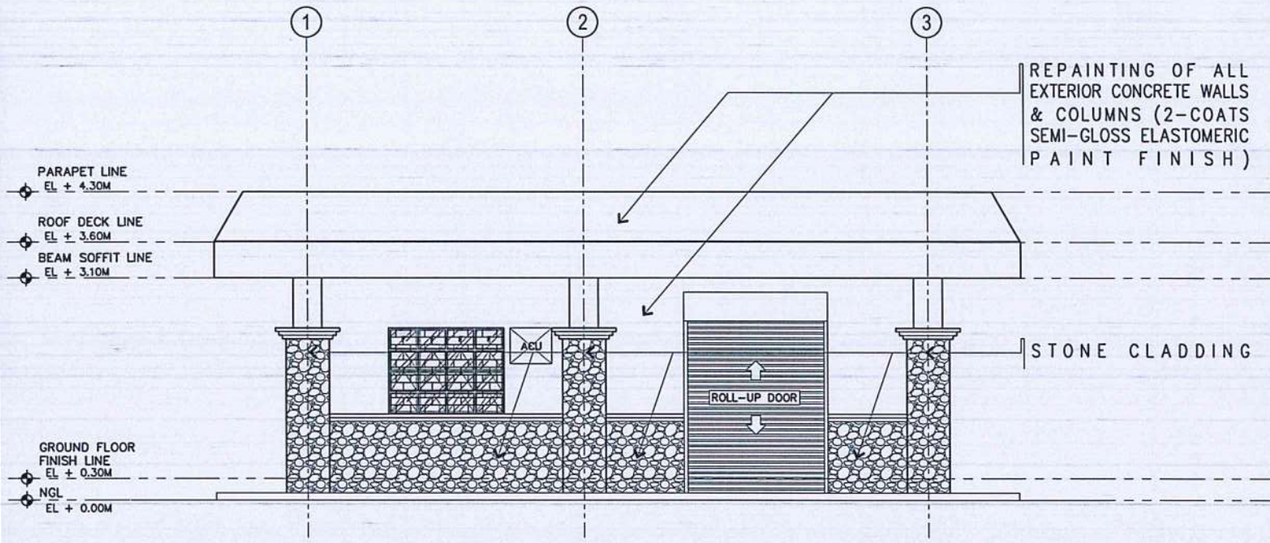
BASCO, BATANES

SHEET CONTENTS:

- GROUND FLOOR (DEMOLITION/ EXISTING PLAN)
- GROUND FLOOR (PROPOSED PLAN)

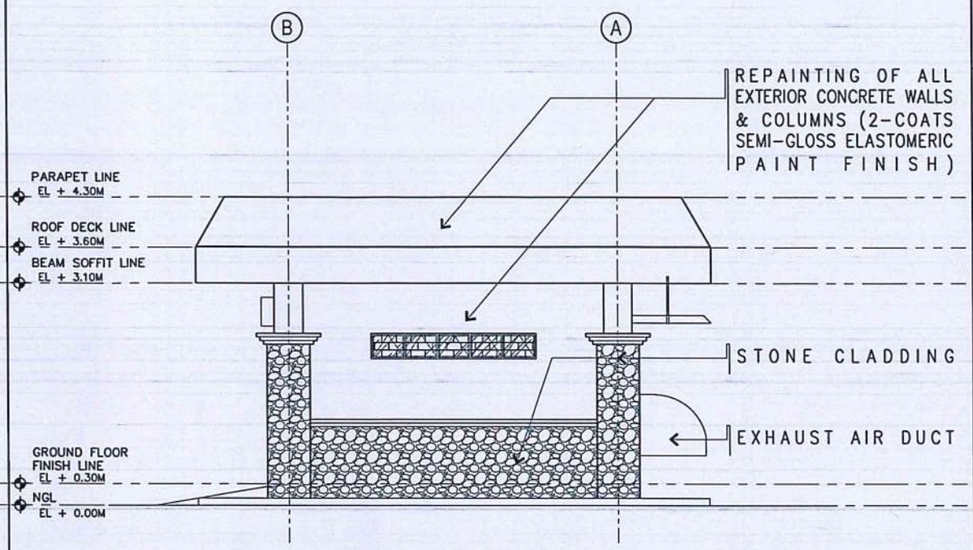
DRAWING SCALE:	SHEET NO:	
AS SHOWN	A - 03	
	03	05



REHABILITATION OF POWER HOUSE

1 / A-04 — DETAILED FRONT ELEVATION

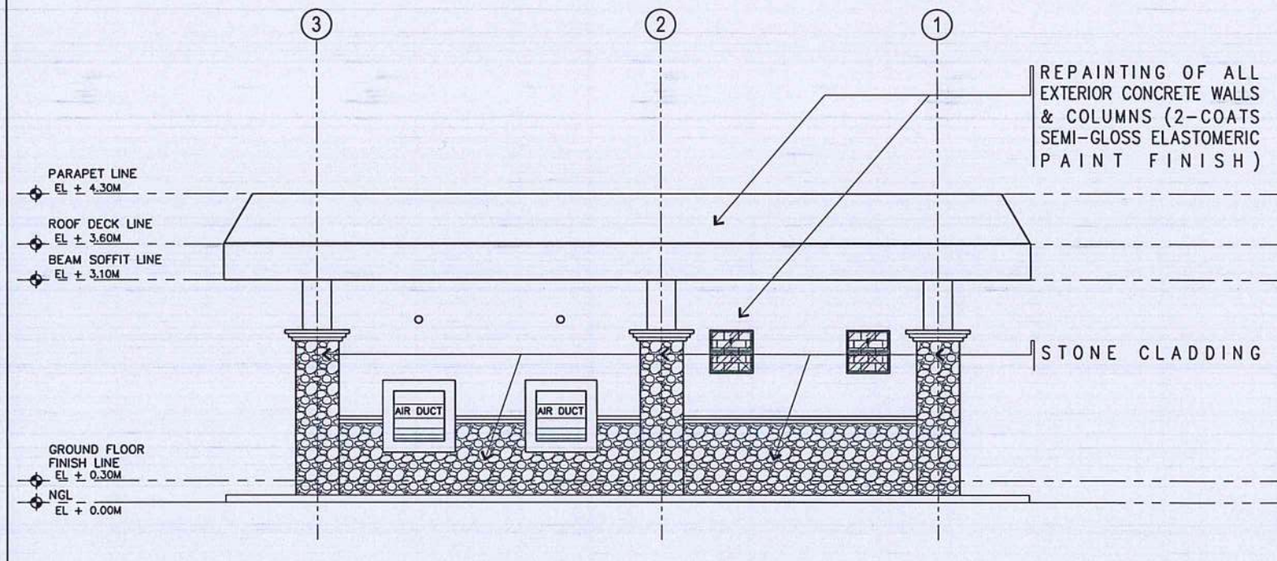
SCALE: 1:50 MTS.



REHABILITATION OF POWER HOUSE

3 / A-04 — DETAILED RIGHT-SIDE ELEVATION

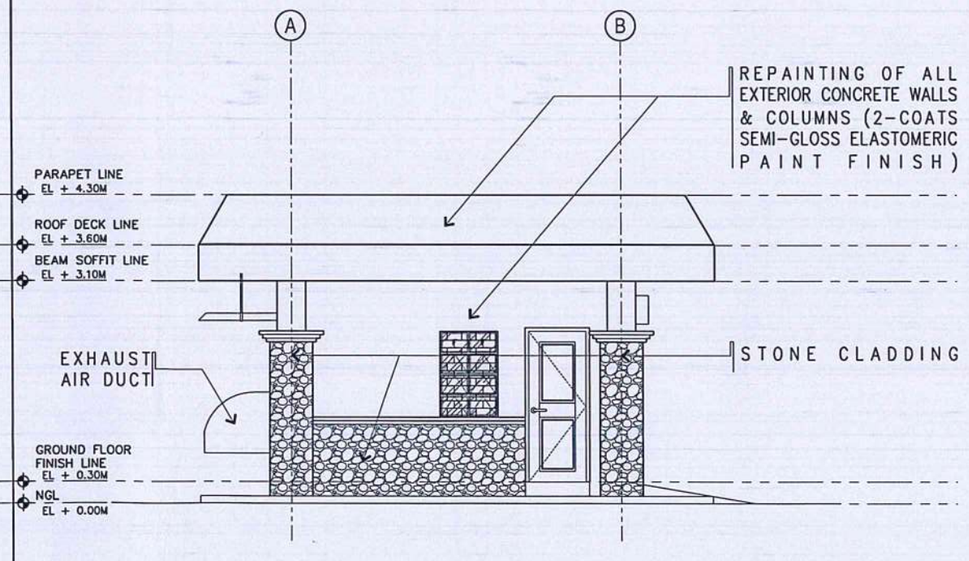
SCALE: 1:50 MTS.



REHABILITATION OF POWER HOUSE

2 / A-04 — DETAILED REAR ELEVATION

SCALE: 1:50 MTS.



REHABILITATION OF POWER HOUSE

4 / A-04 — DETAILED LEFT-SIDE ELEVATION

SCALE: 1:50 MTS.

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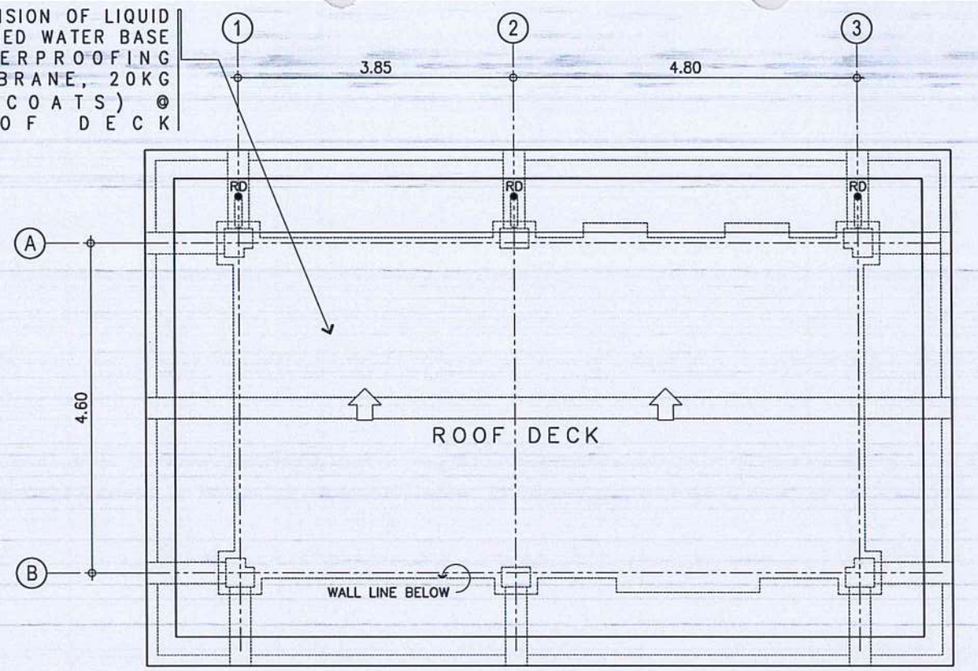
BASCO, BATANES

SHEET CONTENTS:

- DETAILED FRONT ELEVATION
- DETAILED REAR ELEVATION
- DETAILED RIGHT-SIDE ELEVATION
- DETAILED LEFT-SIDE ELEVATION

DRAWING SCALE:	SHEET NO:	
AS SHOWN	A - 04	
	04	05

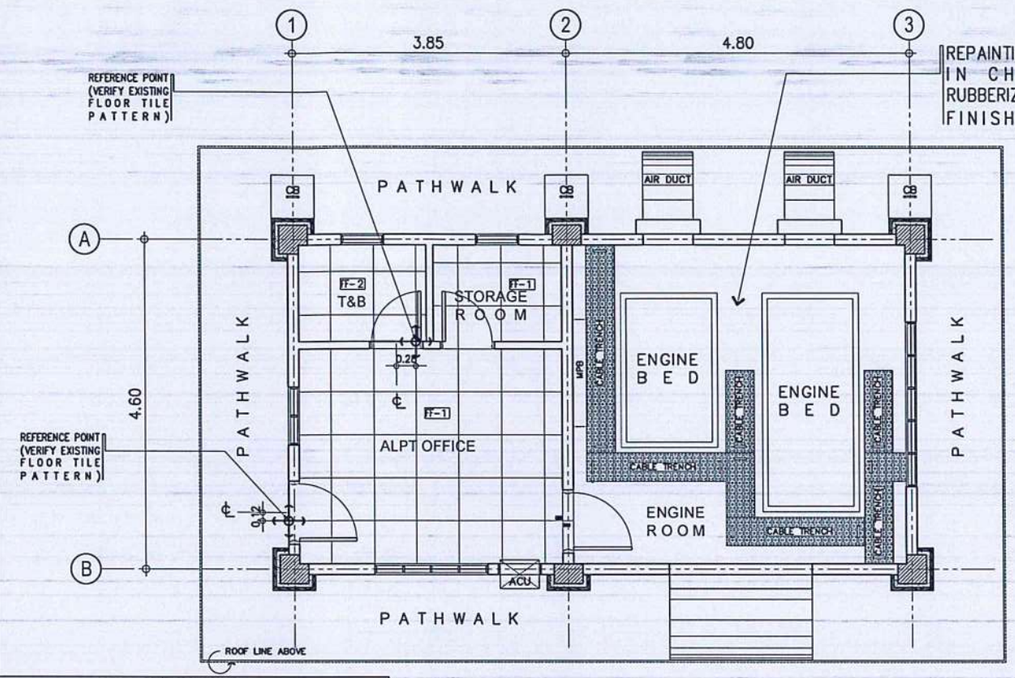
PROVISION OF LIQUID APPLIED WATER BASE WATERPROOFING MEMBRANE, 20KG (4 COATS) @ ROOF DECK



REHABILITATION OF POWER HOUSE

1 A-05/A-05 ROOF PLAN

SCALE: 1:50 MTS.



REPAINTING OF FLOORING IN CHLORINATED RUBBERIZED FLOOR PAINT FINISH (2-COATS)

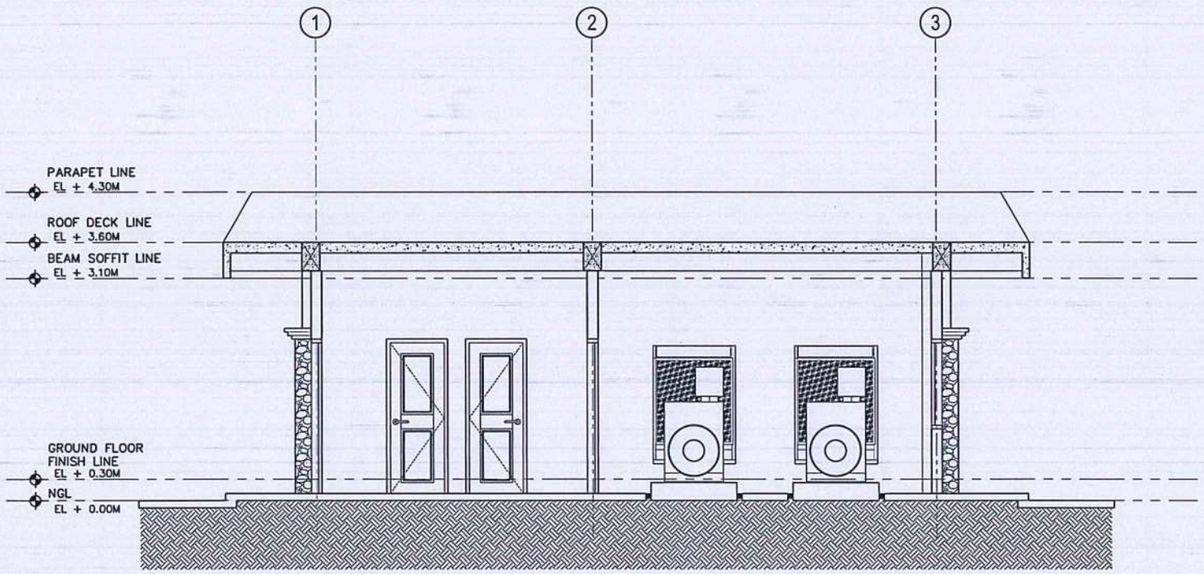
LEGEND	
TAG	FLOOR FINISHES
FF-1	600MM X 600MM HOMOGENEOUS TILES POLISHED FINISH
FF-2	600MM X 600MM HOMOGENEOUS TILES MATTE FINISH

NOTE: OBSERVE 3MM TILE SPACING FOR GROUT (SUBMIT GROUT SAMPLE FOR APPROVAL)

REHABILITATION OF POWER HOUSE

1 A-05/A-05 FLOOR TILE LAYOUT PLAN

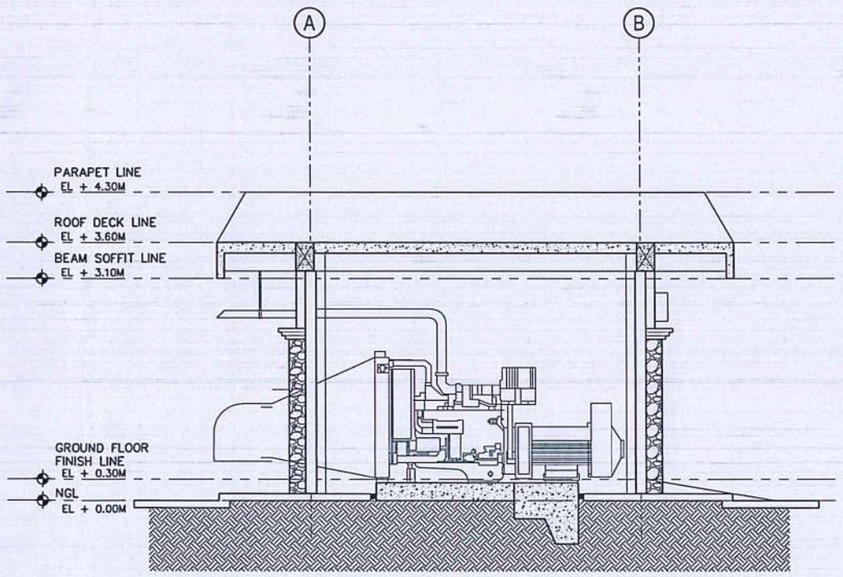
SCALE: 1:50 MTS.



REHABILITATION OF POWER HOUSE

A A-05/A-05 LONGITUDINAL SECTION

SCALE: 1:50 MTS.



REHABILITATION OF POWER HOUSE

B A-05/A-05 CROSS SECTION

SCALE: 1:50 MTS.

OTHER SCOPE:

- REPAINTING OF ALL INTERIOR AND EXTERIOR WALLS, COLUMNS & CEILINGS (SEE DETAILED PLANS)

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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NOTES/REVISIONS:

PROJECT:

REHABILITATION OF POWERHOUSE AND SUPPLY, DELIVERY AND INSTALLATION OF GENERATOR SET AT BASCO AIRPORT

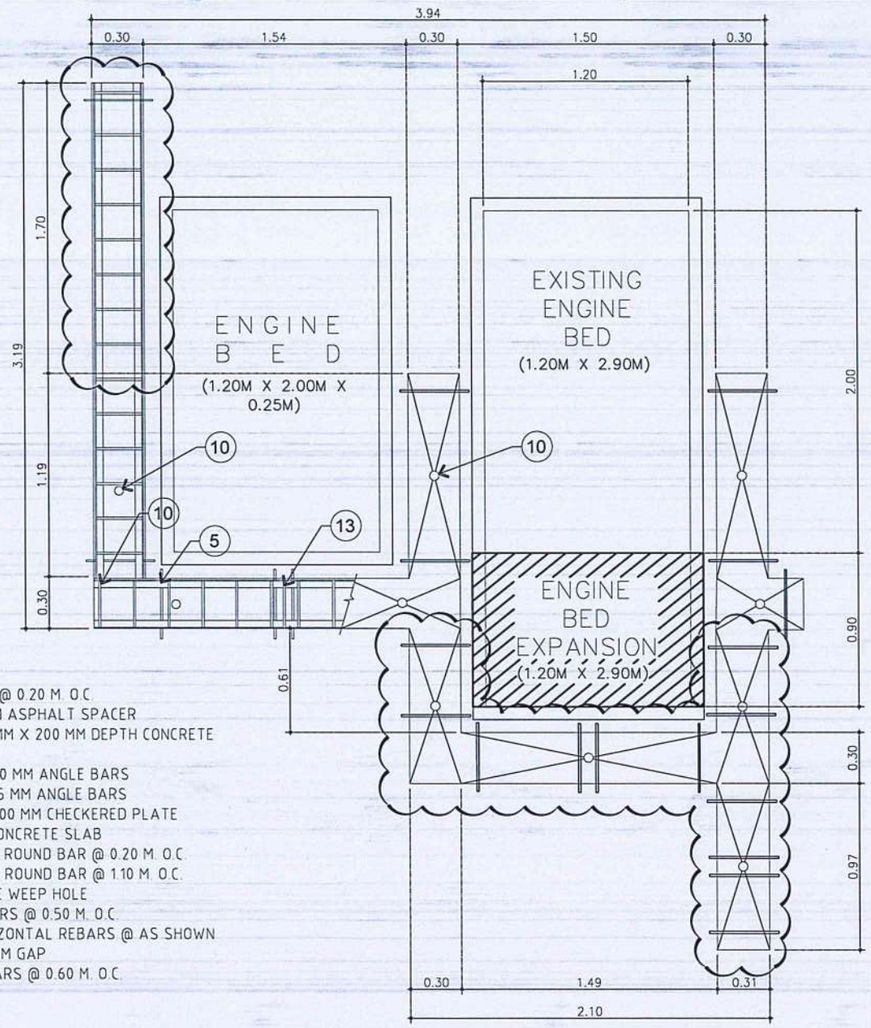
LOCATION:

BASCO AIRPORT
BARANGAY IHUVOK II,
BASCO, BATANES

SHEET CONTENTS:

- ROOF PLAN
- LONGITUDINAL SECTION
- CROSS SECTION

DRAWING SCALE:	SHEET NO:	
AS SHOWN	A - 05	
	05	05



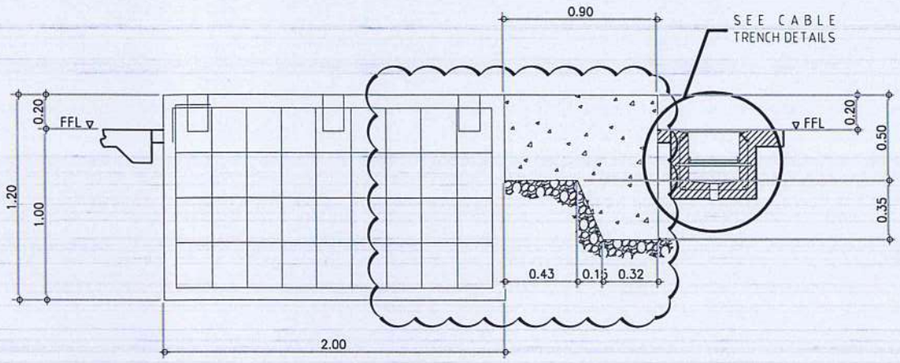
LEGEND:

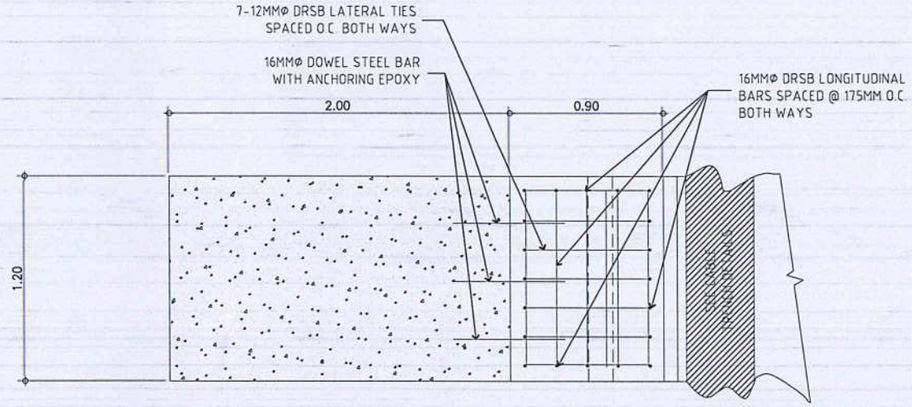
1. 12 MM Ø BARS @ 0.20 M. O.C.
2. 75 MM X 75 MM ASPHALT SPACER
3. 150 MM X 150 MM X 200 MM DEPTH CONCRETE BLOCK OUT
4. 6 MM THK. X 40 MM ANGLE BARS
5. 6 MM THK. X 25 MM ANGLE BARS
6. 6 MM THK. X 400 MM CHECKERED PLATE
7. 100 MM THK. CONCRETE SLAB
8. 10 MM Ø PLAIN ROUND BAR @ 0.20 M. O.C.
9. 12 MM Ø PLAIN ROUND BAR @ 1.10 M. O.C.
10. 2" Ø PVC PIPE WEEP HOLE
11. 10 MM Ø REBARS @ 0.50 M. O.C.
12. 12 MM Ø HORIZONTAL REBARS @ AS SHOWN
13. PROVIDE 20 MM GAP
14. 10 MM Ø REBARS @ 0.60 M. O.C.

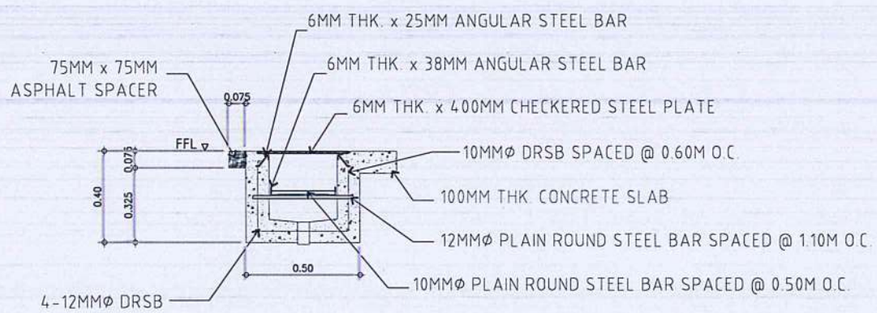
REHABILITATION OF POWER HOUSE

1 / S-025-02 **DETAILED PLAN OF CABLE TRENCH**

SCALE: 1:20 MTS.



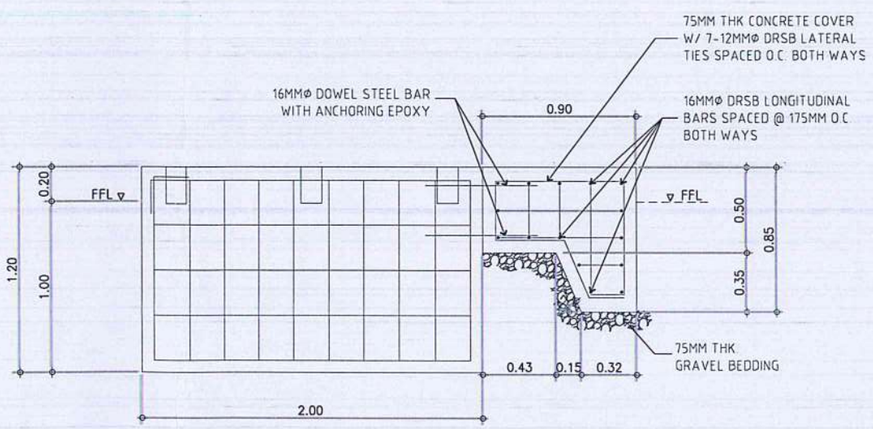




REHABILITATION OF POWER HOUSE

2 / S-025-02 **DETAILED SECTION OF CABLE TRENCH**

SCALE: 1:10 MTS.



REHABILITATION OF POWER HOUSE

3 / S-01 S-01 **DETAILED SECTIONS OF ENGINE BED**

SCALE: 1:20 MTS.

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Director General, CAAP

NOTES / REVISIONS:

PROJECT:

REHABILITATION OF POWER HOUSE AND SUPPLY, DELIVERY & INSTALLATION OF GENERATOR SET AT BASCO AIRPORT

LOCATION:

BASCO AIRPORT
BASCO, BATANES

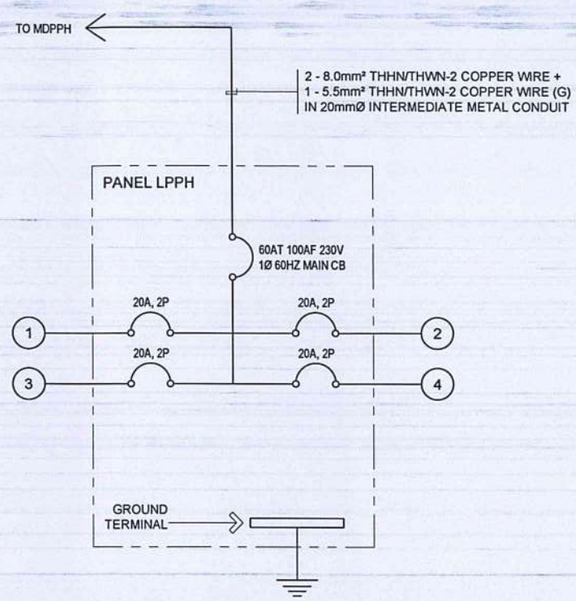
SHEET CONTENTS:

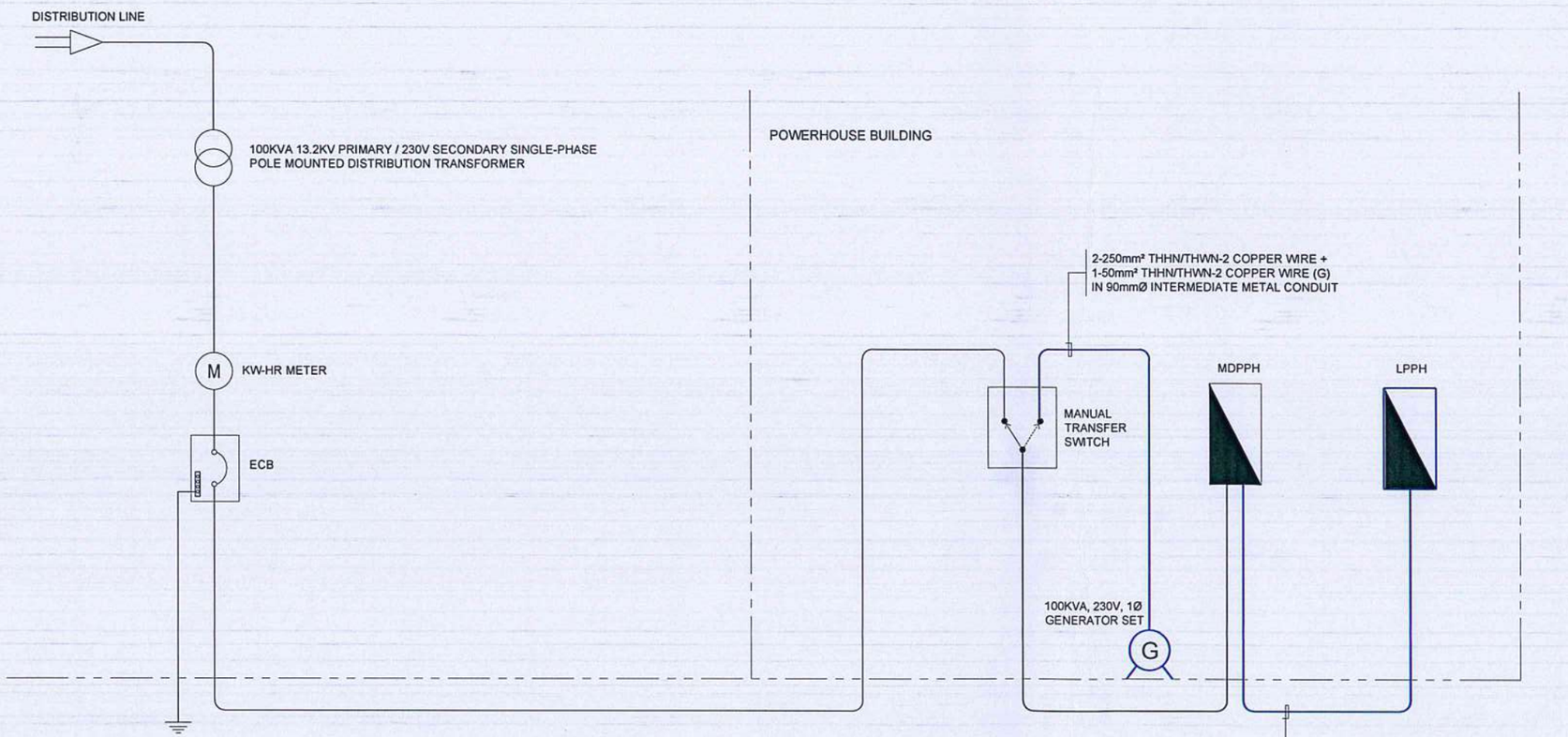
- DETAILED PLAN OF CABLE TRENCH
- DETAILED SECTION OF CABLE TRENCH
- DETAILED SECTION OF ENGINE BED (EXPANSION)

AS SHOWN	S-01

GENERAL NOTES & SPECIFICATIONS:

1. ALL ELECTRICAL WORKS AND INSTALLATIONS SHALL COMPLY WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE WITH THE RULES AND REGULATIONS OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND REGULATIONS OF THE UTILITY COMPANIES CONCERNED.
2. ALL ELECTRICAL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
3. ALL ELECTRICAL EQUIPMENT SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE REQUIREMENT OF THE PHILIPPINE ELECTRICAL CODE.
4. ELECTRICAL PIPES, WIRES AND CABLES TO BE USED SHALL BE UNDERWRITERS LABORATORY (UL) LISTED
5. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND OF THE APPROVED TYPE FOR BOTH LOCATION AND PURPOSE INTENDED.
6. ELECTRICAL CONDUITS, WIRES AND CABLES TO BE USED SHALL BE UNDERWRITERS LABORATORY (UL) LISTED.
7. PULL BOXES GAUGE NO. 16 (MINIMUM) SHALL BE PROVIDED BY THE CONTRACTOR WHENEVER REQUIRED AND NECESSARY AND SHALL BE INSTALLED AT CONVENIENT SPACE AND LOCATION TO FACILITATE WIRE PULLING EVEN IF THESE ITEMS ARE NOT SHOWN IN THE PLAN.
8. PRINTED INDEX LABEL SHALL BE AFFIXED TO INSIDE SURFACE OF EACH PANEL BOARD DOOR, CLEARLY INDICATING AREA AND TYPE OF LOAD SERVED BY EACH BRANCH CIRCUIT PROTECTIVE DEVICE, INCLUDING SPARES. HAND WRITTEN WILL NOT BE ACCEPTED. ENGRAVED LAMINATED PLASTIC IDENTIFICATION PLATES SHALL BE FURNISHED AND INSTALLED ON ALL PANELS, PANELS SHALL BE AFFIXED IN FRONT OF PANELS.
9. ALL WORKS SHALL BE EXECUTED IN A WORKMANSHIP MANNER AND SHALL PRESENT A NEAT AND ORDERLY ACCEPTANCE. ALL WIRING SHALL BE CONCEALED AS MUCH AS POSSIBLE.





1 / E-1 E-1 SINGLE-LINE DIAGRAM
SCALE: NTS

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CHECKED BY:	E.D.JR.
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RAUL R. CRUCENA
Division Chief III, IDDD - ADMS

SUBMITTED BY:
ARNEL F. BORLADO
Department Manager III, AED - ADMS

RECOMMEND APPROVAL:
LT COL VALENTINO A DIONELA PAF (RET)
Assistant Director General II, ADMS

APPROVED:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General, CAAP

NOTES / REVISIONS:

PROJECT:
REHABILITATION OF POWER HOUSE AND SUPPLY, DELIVERY & INSTALLATION OF GENERATOR SET AT BASCO AIRPORT

LOCATION:
BASCO AIRPORT
BASCO, BATANES

SHEET CONTENTS:
- GENERAL NOTES & SPECIFICATIONS
- SINGLE LINE DIAGRAM

AS SHOWN	E-01