SLAB AND CONDUIT PLAN
SWITCHGEAR BUILDING +1

NOTE:
1. THE SLAB SERVES AS MECHANICAL PROTECTION FOR CONDUITS TO REACH THEIR REQUIRED DEPTH AND TO ALSO PROVIDE SUITABLE CABLE SUPPORT TO TRANSITION FROM CONDUITS TO THE BUILDING.

REFERENCE DRAWINGS
- EES-11 A
- SHT.02 SWITCHGEAR BUILDING
- SHT.05 SWITCHGEAR BUILDING
- SHT.07 SWITCHGEAR BUILDING
- SHT.08 SWITCHGEAR BUILDING
- SHT.12 SWITCHGEAR BUILDING

CONSTRUCTION SLAB
PANELS

REVISION CONTROL
- SWITCHGEAR BUILDING
- CONSTRUCTION SLAB
- POWER LAYOUT
- LIGHTING LAYOUT
- SIGNAGE LAYOUT
- PLAN
- DRAWINGS
- STANDARD

PLAN SCALE 1:25

SLAB SERVES AS MECHANICAL PROTECTION FOR CONDUITS TO REACH THEIR REQUIRED DEPTH AND TO ALSO PROVIDE SUITABLE CABLE SUPPORT TO TRANSITION FROM CONDUITS TO THE BUILDING.
SWITCHGEAR BUILDING LIGHTING LAYOUT

Scale: 1:25

NOTES:
1. Refer EESS-10482-07 for essential supplies sub board wiring schematic.

2. Refer EESS-10482-09 for non-essential supplies sub board wiring schematic.

3. Light fitting shall be mounted as to clear life-high door.

4. Light fitting shall be only installed when building is stand alone with landing access.

LEGEND:
- ONE WAY AC SWITCH
- TWO WAY AC SWITCH
- LEGEND:
- EMERGENCY LIGHT PIERLITE
- EXIT SIGN PIERLITE ST01
- SWITCH WIRE
- FLUORESCENT WITH DIFFUSER
- 2x36W BATTEN
- 1000 4800 3800 2400 1000
- LED 1x16W
- 1x14W
- PEND218M
- EX ZONE RATING
- VFL
- BATTEN
- ST01
- AC SWITC
- FLUORESCENT WITH DIFFUSER
- 1x180
- 118LOPAL
- +1182
- +1181
- 1000

REFERENCE DRAWINGS:
- EESS-10314-07 FOR ESSENTIAL SUPPLIES SUB BOARD WIRING SCHEMATIC
- EESS-10314-08 FOR NON ESSENTIAL SUPPLIES SUB BOARD WIRING SCHEMATIC

DESIGNER: [Signature]
CHECKER: [Signature]
SWITCHGEAR BUILDING POWER LAYOUT

SCALE 1:25

NOTES:
1. REFER TO SHEET 04-80 FOR ESSENTIAL SUPPLIES SUB BOARD WIRING SCHEMATIC.
2. REFER TO SHEET 04-80 FOR CONSTRUCTION PLANS.
3. REFER TO SHEET 04-80 FOR CONSTRUCTION DETAILS.
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### PLAN

**SWITCHGEAR BUILDING +1**

**SCALE 1:25**

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**NOTE:**

1. REFER TO "SUBSTATION SIGNAGE - SAFETY, OPERATIONAL AND MISCELLANEOUS - APPLICATION GUIDE" EG-ESS-SS-001 FOR SIGNAGE DETAILS.
2. SIGNAGE REQUIRED IF BUILDING IS STAND ALONE.

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**SIGNAGE IDENTIFICATION**

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**REFERENCE DRAWINGS**

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- SHT.05 SWITCHGEAR BUILDING
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- SHT.08 SWITCHGEAR BUILDING
- SHT.09 SWITCHGEAR BUILDING
- SHT.10 SWITCHGEAR BUILDING
- SHT.11 SWITCHGEAR BUILDING

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**SCALE AND LAYOUT**

- CONSTRUCTION BUILDING PENETRATIONS
- CONSTRUCTION LONG SECTION
- CONSTRUCTION SLAB
- CONSTRUCTION FOOTINGS
- CONSTRUCTION PLAN END
- PLAN SCALE 1:25

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**DRAWING SHEETS**

- 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16

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**authorization:**

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