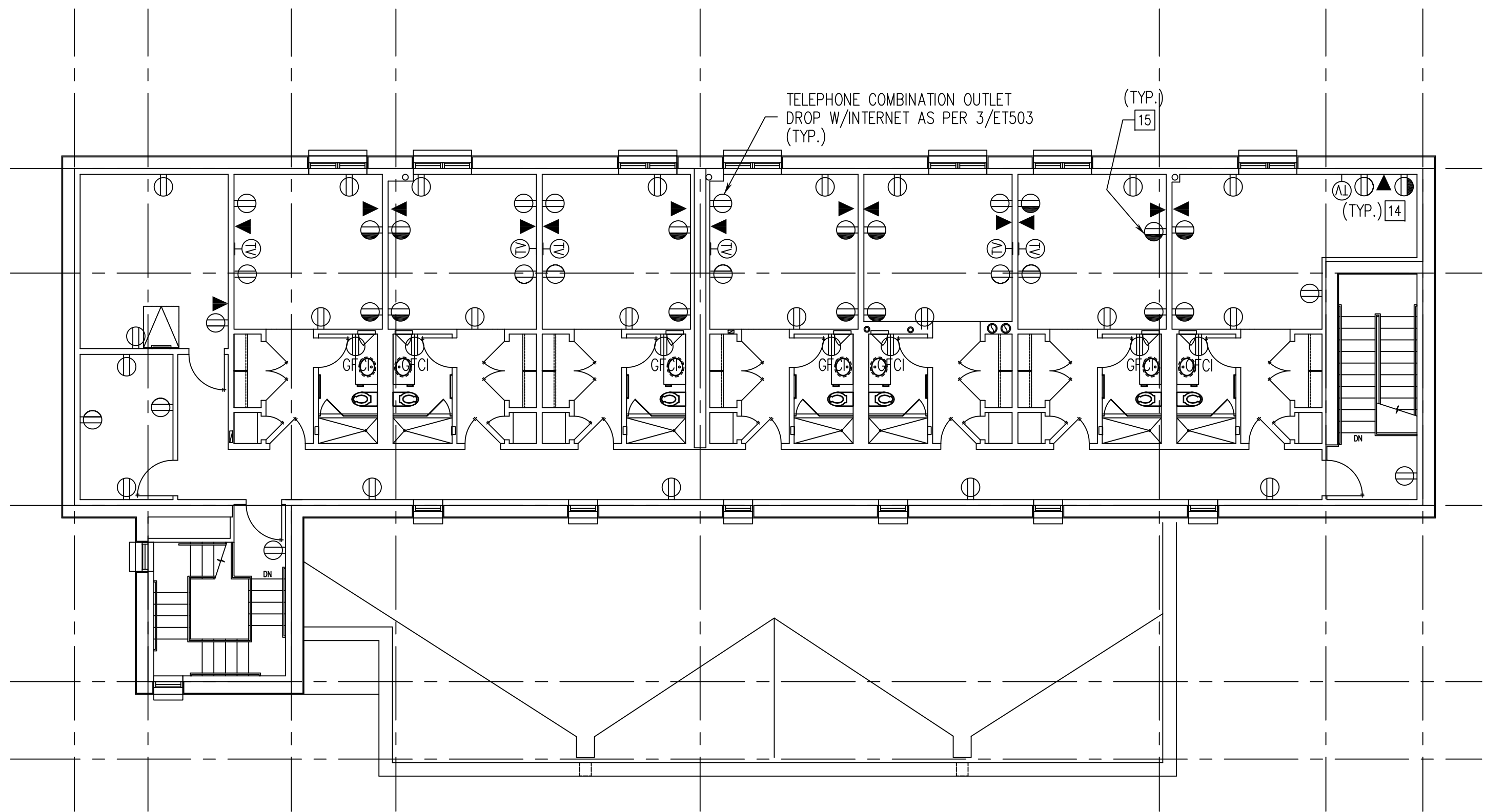
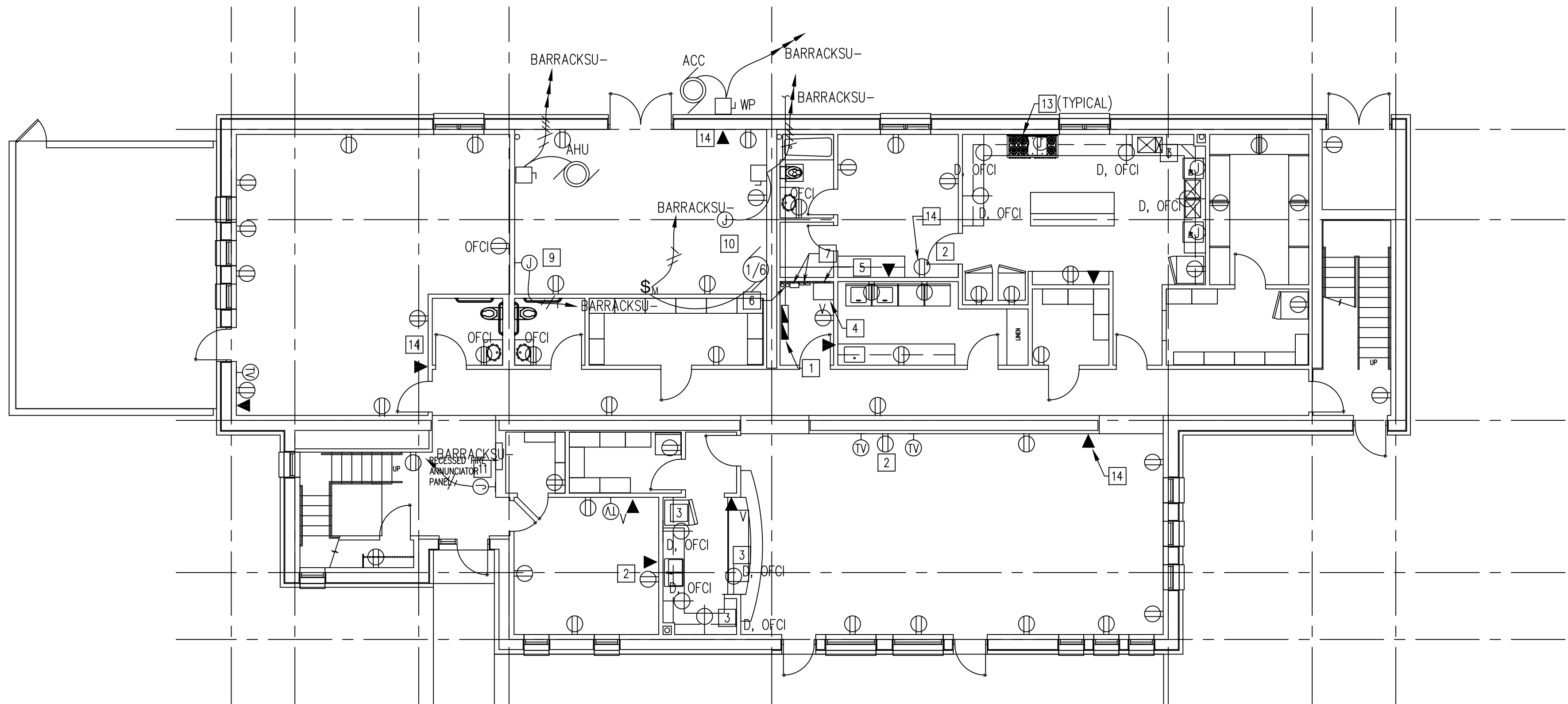


1
EP101
1:100
ROOF POWER AND TELECOM PLANS



2
EP101
1:100
LEVEL TWO POWER AND TELECOM PLANS



3
EP101
1:100
LEVEL ONE POWER AND TELECOM PLANS

NOTE: NO SEPARATE COAX TV "DROPS" DEPICTED.
SEE DRAWING MSQ ET503 DETAIL 3.

NOTE: NO SEPARATE COAX TV DROPS.

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Barracks 101

Building Information Model Common File

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GENERAL NOTES:

1. ALL ELECTRICAL OUTLETS IN KITCHENS, BATHROOMS, OR ON ROOFTOPS MUST BE GFCI PROTECTED.
2. AS NEMA 6-15 AND 6-20 GFCI RECEPTACLES ARE NOT AVAILABLE, USE AN ENCLOSED GFCI BREAKER MOUNTED ADJACENT TO THE PANELBOARD FEEDING THAT CIRCUIT. USE INTERNATIONAL CONFIGURATIONS TABLE (A-5 mA TRIP) WITH A#40EL SURFACE MOUNT ENCLOSURE, OR EQUAL.
3. COORDINATE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS.
4. MOUNT ALL RECEPTACLE DEVICES 380 mm AFF IN ALL LOCATION UNLESS OTHERWISE NOTED.
5. ROUTE ALL CONDUITS FOR BRANCH CIRCUITS IN CEILING ABOVE SPACE, NOT EMBEDDED IN CONCRETE SLAB.
6. ALL VAV BOX DISCONNECT SWITCHES SHALL BE 2 POLE, 30A, 240V RATED. REFER TO MECHANICAL DRAWINGS FOR QUANTITY AND LOCATIONS.

NOTE:

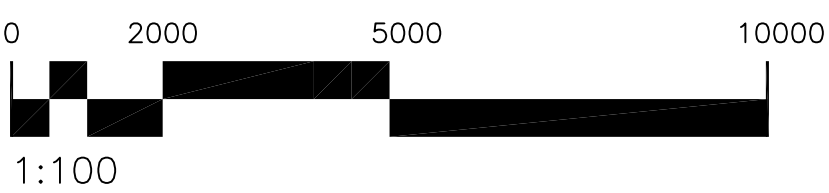
1. PROVIDE BALLISTIC PROTECTION AT ALL PIPES AND CONDUITS PENETRATING THE FEBR ENVELOPE OF THE BUILDING. SEE NOB DRAWINGS FOR TYPICAL DETAILS.

CODED NOTES:

- 1 PANEL BARRACKSU- CONNECT MOTOR AND LIGHTING LOADS TO SECTION 1 AND SENSITIVE ELECTRONIC AND COMPUTER COMPUTER LOADS TO SECTION 2.
- 2 INSTALL RECEPTACLE FOR TELEVISION IN REAR OF CABINET. TV'S WILL BE LARGE FLAT SCREEN TV'S EITHER ON ITS OWN BAS OR WALL MOUNTED.
- 3 MOUNT RECEPTACLE DEVICE 152 mm ABOVE COUNTERTOP.
- 4 WALL MOUNTED CABINET. REFERENCE ET611 DWG. FOR DETAILS.
- 5 19 mm TELECOMMUNICATIONS BACKBOARD.
- 6 2-103 mm CONDUIT SLEEVES.
- 7 PRIMARY PROTECTOR CABINET AND BIX BLOCKS. REFERENCE DWG. ET7.11.
- 8 PROVIDE 3 PHASE 3 WIRE NFSS, NEMA 1 FOR CONNECTION OF WATER HEATER, 1220 AFF.
- 9 PROVIDE SINGLE PHASE 20A CIRCUIT FOR DRAIN TRAP PRIMER, 600mm AFF.
- 10 PROVIDE MOTOR SWITCH FOR DOMESTIC HOT WATER CIRCULATOR. WIRE THROUGH AQUASTAT THAT IS INLINE WITH CIRCULATOR.
- 11 PROVIDE SINGLE PHASE, 220V, 20A, DEDICATED, GENERATOR BACKED CIRCUIT TO POWER THE MSQ FACP. TERMINATE IN A 100X100X55 BOX MOUNTED 1500mm AFF. NOTE: BATTERIES MAY BE LOCATED IN AN AUXILIARY CABINET MOUNTED DIRECTLY BELOW THE FACP. ALSO, THIS PANEL REPORTS SUMMARY ALARM AND TROUBLE SIGNALS TO THE NOB FACP LOCATED IN POST 1. PROVIDE A 21 mm EMT CONDUIT FROM THIS LOCATION TO THE CROSS COMPOUND DUCT BANK.
- 12 EXHAUST FAN
- 13 JUNCTION BOX FOR KITCHEN EQUIPMENT CONNECTION
- 14 TYPICAL BEDROOM OUTLET, SEE DETAIL 4/BARRACKS ET503
- 15 OUTLETS NEXT TO BEDS SHALL BE CONTROLLED FROM WALL SWITCH ON SHEET EL101 (BOTTOM HALF ONLY).

Rev. Number	Description	Date
Revisions		

Release For Construction:	
NIBS/Asa	NIBS/Asa
Drawing Title	
POWER & TELECOM PLANS	
GEO Project Number	Drawing Scale Phase
AS NOTED	AS NOTED
GEO File Name	GEO Plot Scale
CBMEP101.DWG	1:1
Date	Sheet Number
NOV-2012	Barracks
Drawn By	EP101
Checked By	
Project Number	
Classification	UNCLASSIFIED



ALL DIMENSIONS WITHOUT A DECIMAL ARE IN MILLIMETERS UNO. ALL DIMENSIONS WITH A DECIMAL ARE IN METERS UNO.