



MEP COORDINATION NOTES:

POWER:
ALL COMMUNICATIONS ROOM RECEPTACLES SHALL BE FED FROM DEDICATED IT PANEL, AND TIED INTO EMERGENCY POWER SYSTEM.

POWER RECEPTACLES (CONVENIENCE):
(1) 20 AMP DUPLEX RECEPTACLE ON NORMAL POWER CENTERED ON EACH WALL, AND
(1) 20 AMP DUPLEX RECEPTACLE PER WALL MOUNTED EQUIPMENT.

POWER RECEPTACLES (RACK MOUNTED):
WHERE EMERGENCY POWER IS AVAILIABLE:
(2) DEDICATED, NEMA 5-20R 20A/120V RECEPTACLES AT EACH SIDE OF CENTER RACK WITHIN BACKSIDE OF VERTICAL WIRE MANAGER.

WHERE EMERGENCY POWER IS NOT AVAILABLE:
(1) DEDICATED, NEMA 5-20R 20A/120V QUAD RECEPTACLE AT EACH SIDE OF CENTER RACK WITHIN BACKSIDE OF VERTICAL WIRE
MOUNT POWER RECEPTACLES AT 6" AFF TO BOTTOM OF JUNCTION BOX.

HVAC:
PROVIDE 10,000 BTU/HR SENSIBLE COOLING PER EQUIPMENT RACK.

LIGHTING:
FIXTURES SHALL BE PLACED RUNNING PARALLEL WITH EQUIPMENT RACKS.
PROVIDE MIN. 50 FC AT 3'-0" AFF. PROVIDE MIN. 1 LAMP ON EMERGENCY POWER.

① TYPICAL IC ROOM - EMERG./STANDBY POWER
1/2" = 1'-0"



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PROJECT: DUKE UNIVERSITY
OIT COMMUNICATIONS ROOM REQUIREMENTS

DESCRIPTION: TYPICAL COMMUNICATIONS ROOM LAYOUT

JOB NO.: --

CHECKED: RMT

DRAWN: AMV

DATE: 12/05/2019

SCALE: 1/2" = 1'-0"

SKETCH:

T101

REV. DWG: