DRAWN BY: JP / AN / SB / RV / MS

LEGEND:

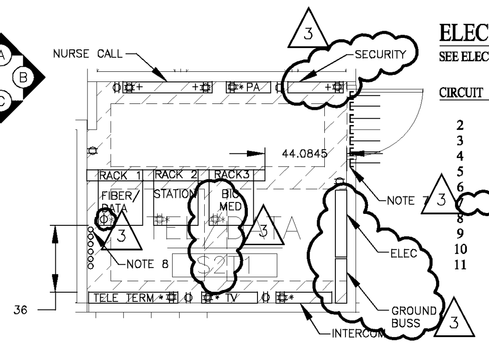
ALL POWER TO BE CONNECTED TO EMERGENCY GENERATOR (EXCEPT WHERE NOTED)

- = 208V / 1P, 30 A.
- = CONDUIT FROM FLOOR BELOW
- = DUPLEX OUTLET; 120 V, 20 A.
- = QUAD OUTLET; 120 V, 20 A
- = MOUNT A 78" AFF OR 60" AFF ON BACK OF RACK
- = MOUNT FLUSH IN FLOOR
- = PIPE DIRECTLY INTO CABINET
- = 4" SLEEVE TO CABLE TRAY, OR HORIZONTAL RISER CONDUIT - TO ENTER ROOM AT 9'-6" AFF, EXCEPT WHERE NOTED (BY EC) SEE NOTE 7.
- = LADDER RACK ABOVE. MOUNT TO TOP OF DATA RACKS.

EQUIPMENT ROOM NOTES:

1. PROVIDE DRYWALL TO DESK ON ALL WALLS. PROVIDE ¾" FIRE RETARDING PLYWOOD FROM FLOOR TO 96" ON ALL WALLS AFTER DRYWALL IS INSTALLED. PLYWOOD SHALL BE INSTALLED USING FLAT-HEAD SCREWS THEREBY PROVIDING A SMOOTH, UNOBSTRUCTED MOUNTING SURFACE. PAINT WITH TWO COATS OF WHITE PAINT. DO NOT PAINT OVER THE "FIRE RETARDANT" STAMP FOR THE INSPECTOR TO SEE.
2. GROUND ALL LADDER RACKS AND EQUIPMENT CABINETS TO GROUND BUS WITH #6 AWG COPPER GROUND WIRE.
3. VENDOR SPECIFIC INFORMATION MAY ALTER REQUIREMENTS, SEE COMMUNICATIONS VENDOR DRAWINGS.
4. ALL CIRCUITS ARE DEDICATED FOR PURPOSE DESCRIBED.
5. HVAC DESIGNER TO ASSUME 90% OF TYPICAL POWER LOAD WILL BE CONVERTED TO HEAT AND MUST BE EXHAUSTED FROM ROOM.
6. VERIFY POWER REQUIREMENTS OF PATIENT MONITORING SYSTEMS WITH VENDOR DRAWINGS.
7. EC SHALL PROVIDE QUANTITY OF SLEEVES WITH CAPACITY EQUAL TO HOOK/CABLE TRAY SYSTEM WITH SLEEVES AT 40% FULL.
8. EC SHALL PROVIDE QUALITY OF SLEEVES TO MATCH RISER DIAGRAM.
9. FLOORS SHALL BE SEALED CONCRETE OR COVERED WITH NON-STATIC FLOORING.
10. NO FINISHED CEILING IS REQUIRED BUT LIGHTING SHOULD BE PROVIDED IN FRONT AND BEHIND RACKS.
11. NO WATER OR STEAM CARRING PIPES OF ANY KIND SHALL PASS THROUGH THE ROOMS IN THE ABOVE CEILING AND DUCKWORK MUST BE KEPT TO A MINIMUM AND PLACED AS HIGH AS POSSIBLE (NO MAIN TRUNK LINES SHALL PASS THROUGH THE IN ABOVE CEILING).

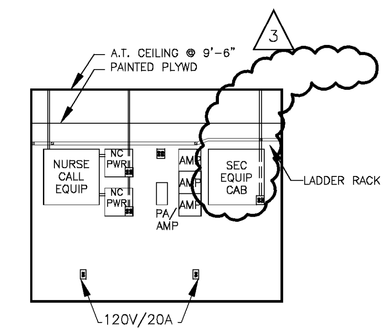
5 TEL/DATA - S2T1 COMMUNICATION EQUIPMENT ROOM



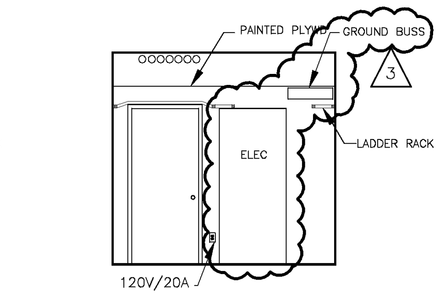
ELECTRICAL DESIGN BASIS

SEE ELECTRICAL ENGINEER DRAWINGS FOR FINAL DESIGN

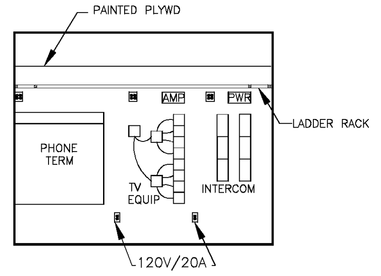
CIRCUIT	VOLTS	AMPS	TYPE	TYP LOAD	DESCRIPTION
2	120V	20 A	EMERGENCY	50%	NURSE CALL CIRCUIT
3	120V	20 A	EMERGENCY	50%	PUBLIC ADDRESS
4	120V	20 A	EMERGENCY	50%	TELEVISION TERMINATIONS
5	120V	20 A	EMERGENCY	<25%	TELEPHONE TERM.
6	208V/1P	30 A	EMERGENCY	100%	INTERCOM
8	120V	20 A	EMERGENCY	50%	RACK #2 - STATION
9	120V	20 A	EMERGENCY	50%	RACK #3 - BIOMED RACK
10	120V	20 A	EMERGENCY	25%	SECURITY EQUIPMENT PANEL
11	120V	20 A	ROUTINE	<25%	CONVENIENCE OUTLETS (6 MINIMUM)



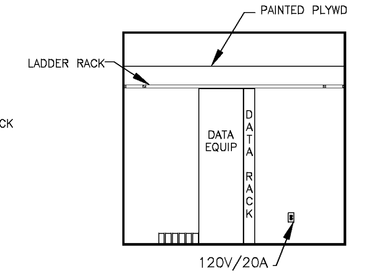
A COMM. ELEVATION 'A'



B COMM. ELEVATION 'B'

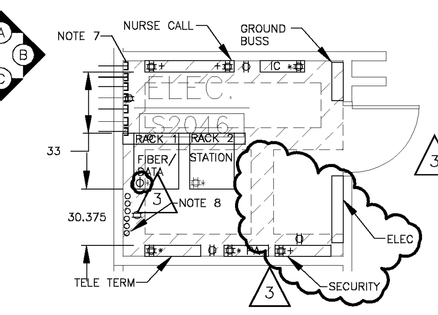


C COMM. ELEVATION 'C'



D COMM. ELEVATION 'D'

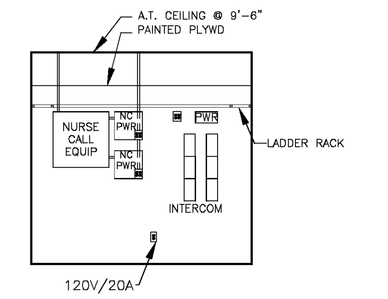
6 EMER ELEC - S2046 COMMUNICATION EQUIPMENT ROOM



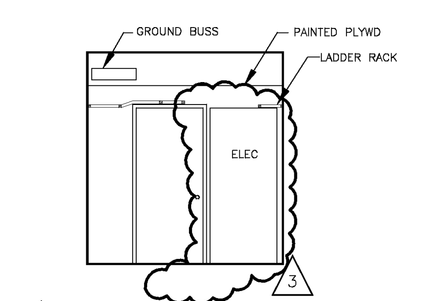
ELECTRICAL DESIGN BASIS

SEE ELECTRICAL ENGINEER DRAWINGS FOR FINAL DESIGN

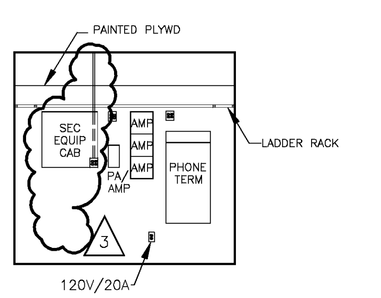
CIRCUIT	VOLTS	AMPS	TYPE	TYP LOAD	DESCRIPTION
1	120V	20 A	EMERGENCY	50%	INTERCOM
2	120V	20 A	EMERGENCY	50%	NURSE CALL CIRCUIT
3	120V	20 A	EMERGENCY	50%	PUBLIC ADDRESS
4	120V	20 A	EMERGENCY	50%	TELEVISION TERMINATIONS
5	120V	20 A	EMERGENCY	<25%	TELEPHONE TERM.
6	208V/1P	30 A	EMERGENCY	100%	RACK #1 - FIBER/DATA/UPS
7	120V	20 A	EMERGENCY	50%	SECURITY EQUIPMENT PANEL
8	120V	20 A	ROUTINE	<25%	CONVENIENCE OUTLETS (6 MINIMUM)



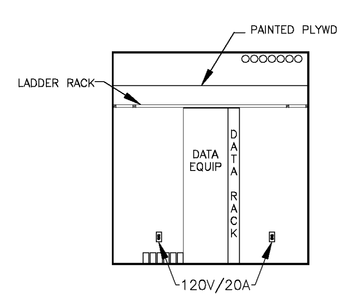
A COMM. ELEVATION 'A'



B COMM. ELEVATION 'B'

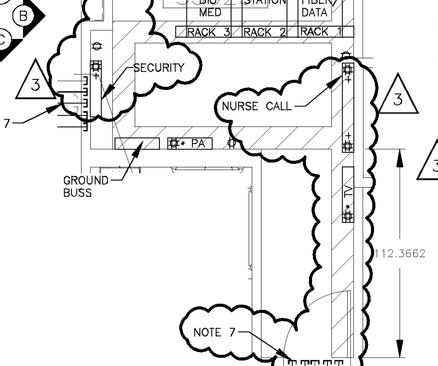


C COMM. ELEVATION 'C'



D COMM. ELEVATION 'D'

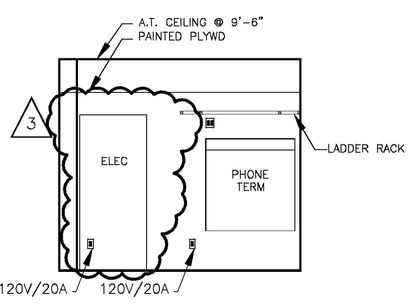
7 TEL/DATA - S3025 COMMUNICATION EQUIPMENT ROOM



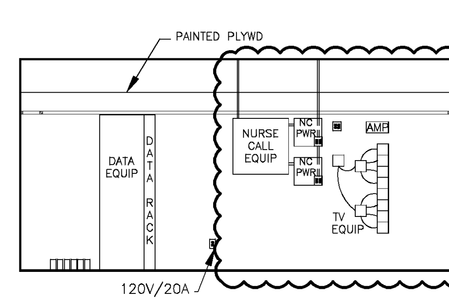
ELECTRICAL DESIGN BASIS

SEE ELECTRICAL ENGINEER DRAWINGS FOR FINAL DESIGN

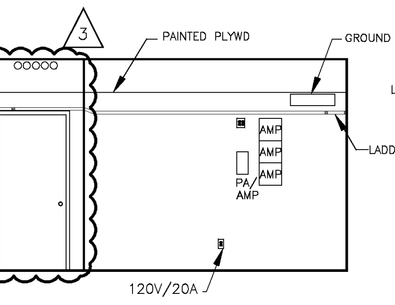
CIRCUIT	VOLTS	AMPS	TYPE	TYP LOAD	DESCRIPTION
1	120V	20 A	EMERGENCY	25%	SECURITY
2	120V	20 A	EMERGENCY	50%	NURSE CALL CIRCUIT
3	120V	20 A	EMERGENCY	50%	PUBLIC ADDRESS
4	120V	20 A	EMERGENCY	50%	TELEVISION TERMINATIONS
5	120V	20 A	EMERGENCY	<25%	TELEPHONE TERM.
6	208V/1P	30 A	EMERGENCY	100%	RACK #1 - FIBER/DATA/UPS
7	120V	20 A	EMERGENCY	50%	RACK #2 - STATION
8	120V	20 A	EMERGENCY	50%	RACK #3 - BIO MED
9	120V	20 A	ROUTINE	<25%	CONVENIENCE OUTLETS (6 MINIMUM)



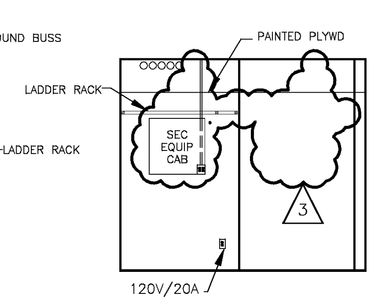
A COMM. ELEVATION 'A'



B COMM. ELEVATION 'B'

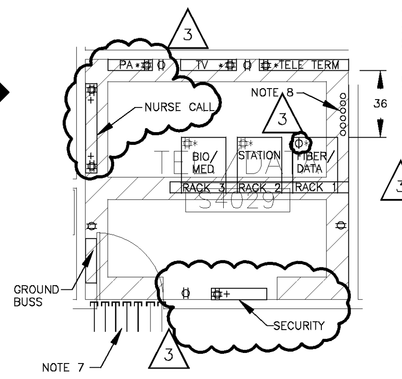


C COMM. ELEVATION 'C'



D COMM. ELEVATION 'D'

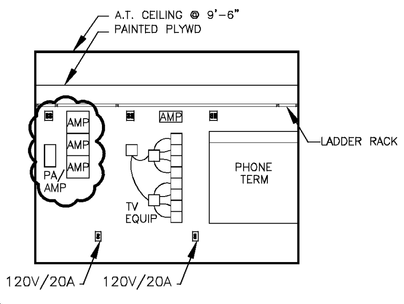
8 TEL/DATA - S4029 COMMUNICATION EQUIPMENT ROOM



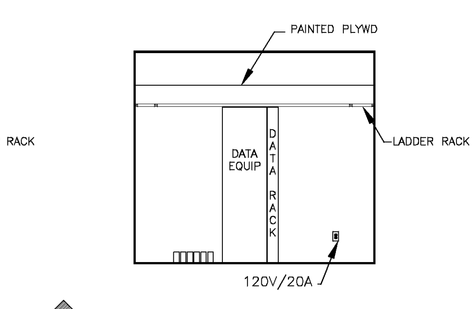
ELECTRICAL DESIGN BASIS

SEE ELECTRICAL ENGINEER DRAWINGS FOR FINAL DESIGN

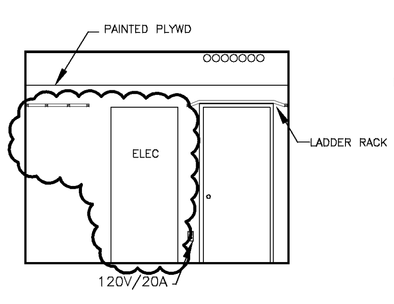
CIRCUIT	VOLTS	AMPS	TYPE	TYP LOAD	DESCRIPTION
1	120V	20 A	EMERGENCY	50%	SECURITY
2	120V	20 A	EMERGENCY	50%	NURSE CALL CIRCUIT
3	120V	20 A	EMERGENCY	50%	PUBLIC ADDRESS
4	120V	20 A	EMERGENCY	50%	TELEVISION TERMINATIONS
5	120V	20 A	EMERGENCY	<25%	TELEPHONE TERM.
6	208V/1P	30 A	EMERGENCY	100%	RACK #1 - FIBER/DATA/UPS
7	120V	20 A	EMERGENCY	50%	RACK #2 - STATION
8	120V	20 A	EMERGENCY	50%	RACK #3 - BIO MED
9	120V	20 A	ROUTINE	<25%	CONVENIENCE OUTLETS (6 MINIMUM)



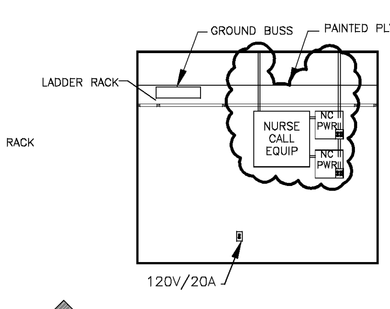
A COMM. ELEVATION 'A'



B COMM. ELEVATION 'B'



C COMM. ELEVATION 'C'



D COMM. ELEVATION 'D'

REFERENCED FLOOR PLAN BACKGROUND FILE DATE: 10/27/06
USER NAME: AMYMSCHOLZ
FILE NAME: Z:\MSHCV FIONS\RIVERCAMPUS_1515\COMMON\COMM.DWG
PLOT TIME: 24 AUG 2007 - 1:32PM

Issued: 11/10/06

Issued For:
100 % CD's
For Construction

Revisions:
1 SI029 04/13/07
2 SI037 08/24/07

GB&A # 1515.1

Mercy Fore River Campus
Portland, Maine
Medical Communications

GB&A
GENE BURTON & ASSOCIATES

1893 General George Patton Drive
Franklin, Tennessee 37067
Phone: 615.376.3100
Fax: 615.376.3114
Web: www.gbainc.com

3281 East Guasti Road Suite 275
Ontario, California 91761
Phone: 909.605.1923
Fax: 909.605.1933
Web: www.gbainc.com

Sheet No.

Medical Communications Equipment Room

CM.03B