


1 THIRD FLOOR PLAN - POWER & SIGNAL
 SCALE: 1/8"=1'-0"

GENERAL SHEET NOTES

- A. ALL ABOVE COUNTER RECEPTACLES AND TELEDATA OUTLETS TO BE MOUNTED HORIZONTALLY AT +6" ABOVE COUNTER.
- B. CIRCUITS WITH PREFIX 'J' DESIGNATE CONNECTION TO PANEL RJ-1.
- C. CIRCUITS WITH PREFIX 'R' DESIGNATE CONNECTION TO PANEL RJ.

SHEET KEYNOTES


1. PROVIDE SINGLE GANG JUNCTION BOX FOR AUDIOVISUAL SPEAKER. PROVIDE (1) 3/4" FROM JUNCTION BOX TO LOCATION OF PROJECTOR MOUNT. VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS PRIOR TO ROUGH-IN.
2. PROVIDE DOUBLE GANG JUNCTION BOX FOR AUDIOVISUAL CONTROLLER. PROVIDE (1) 1-1/4" FROM JUNCTION BOX TO LOCATION OF PROJECTOR MOUNT. CONFIRM EXACT LOCATION OF DEVICES WITH AV DRAWINGS PRIOR TO ROUGH-IN.
3. MOUNT NEMA LS-30 RECEPTACLE TO SIDE OF LADDER RACK. CONFIRM EXACT LOCATION WITH TELECOM CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE WITH #10 AWG WRING.
4. CABLE TRAY PROVIDED BY DIVISION 27. CONDUITS PROVIDED BY DIVISION 26 TO BE EXTENDED TO THE CABLE TRAY IN AREAS WHERE CONDUIT IS EXPOSED. BOTTOM OF CABLE TRAY IS AT 9'-6" AFF.
5. TELECOM MAIN GROUND BUS BAR TO BE MOUNTED +7" AFF. VERIFY EXACT LOCATION WITH TELECOM CONTRACTOR.
6. PROVIDE 1-1/4" CONDUIT ACROSS CORRIDOR TO NEAREST ACCESSIBLE CEILING SPACE FOR TELECOM DEVICES.
7. PROVIDE PLUGMOLD AT 3'-4" AFF WITH RECEPTACLES AT 24" ON CENTER ALTERNATING CIRCUITS. LENGTH AS SHOWN. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS.
8. PROVIDE (2) PLUGMOLDS AT 1'-6" AND 3'-4" AFF WITH RECEPTACLES AT 24" ON CENTER ALTERNATING CIRCUITS. LENGTH AS SHOWN. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS.
9. PROVIDE PLUGMOLD POWERTRIIP WITH RECEPTACLES AT 24" ON CENTER ALTERNATING CIRCUITS. LENGTH AS SHOWN. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT MOUNTING HEIGHT.
10. PROVIDE DOUBLE GANG JUNCTION BOX FOR TELECOMMUNICATION CABLING. PROVIDE (1) 1-1/4" FROM JUNCTION BOX TO DATA ROOM. COORDINATE WITH AV DRAWINGS PRIOR TO ROUGH-IN.
11. PROVIDE JUNCTION BOX FOR 120V POWER TO MOTORIZED PROJECTION SCREEN. PROVIDE (1) 3/4" FROM SCREEN J-BOX TO 3-BUTTON CONTROL SWITCH PROVIDED BY OTHERS. VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS AND ARCHITECTURAL INTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
12. PROVIDE SINGLE GANG JUNCTION BOX FOR FUTURE WHITEBOARD SCANNER. PROVIDE (1) 3/4" FROM JUNCTION BOX TO AUDIO VISUAL CONTROLLER JUNCTION BOX. VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS AND ARCHITECTURAL INTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
13. PROVIDE DOUBLE GANG JUNCTION BOX FOR AUDIOVISUAL CONTROLLER. PROVIDE (1) 1-1/4" TO 6" ABOVE ACCESSIBLE CEILING SPACE. VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS PRIOR TO ROUGH-IN.
14. PROVIDE DOUBLE GANG JUNCTION BOX FOR AMBULANCE CAMERA/MIC/SPEAKER CONTROL. PROVIDE (1) 1-1/4" FROM JUNCTION BOX TO ABOVE CEILING JUNCTION BOX IN AMBULANCE ROOM 912A (TAGGED WITH KEYNOTE 16). VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS PRIOR TO ROUGH-IN.
15. PROVIDE SINGLE GANG JUNCTION BOX MOUNTED FLUSH WITH CEILING FOR AUDIOVISUAL CAMERA. PROVIDE (1) 3/4" FROM CAMERA JUNCTION BOX TO CAMERA JUNCTION BOX (TAGGED WITH KEYNOTE 29 IN THIS ROOM). VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS PRIOR TO ROUGH-IN.
16. PROVIDE DOUBLE GANG JUNCTION BOX LOCATED ABOVE CEILING. REFER TO SHEET KEYNOTE 14 FOR CONDUITS REQUIREMENTS.
17. JUNCTION BOX FOR 120V TO MOTORIZED SHADE. VERIFY EXACT POINT OF CONNECTION WITH SHADE INSTALLER PRIOR TO ROUGH-IN. PROVIDE REQUIRED INTERFACE BETWEEN SHADE AND AV CONTROLLER.
18. JUNCTION BOX FOR 120V EMERGENCY POWER TO DOOR OPERATOR. PROVIDE ALL REQUIRED WIRING, RACEWAY, AND APPURTENANCES FOR A COMPLETE OPERATION.
19. PROVIDE DOUBLE GANG BOX FOR AUDIOVISUAL RACK. PROVIDE (2) 1-1/4" FROM JUNCTION BOX TO 6" ABOVE ACCESSIBLE CEILING SPACE. VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS AND ARCHITECTURAL INTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
20. PROVIDE DOUBLE GANG BOX FOR ISO EQUIPMENT RACK FEED. PROVIDE (1) 1-1/4" FROM JUNCTION BOX TO ACCESSIBLE CEILING SPACE IN ROOM 929. VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS AND ARCHITECTURAL INTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
21. PROVIDE SINGLE GANG J-BOX FOR CAMERA. PROVIDE (1) 3/4" FROM JUNCTION BOX TO 6" ABOVE ACCESSIBLE CEILING SPACE. VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS AND ARCHITECTURAL INTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
22. PROVIDE SINGLE GANG BOX FOR SIM MAN MONITOR. PROVIDE (1) 1" FROM JUNCTION BOX TO 6" ABOVE ACCESSIBLE CEILING SPACE. VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS AND ARCHITECTURAL INTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
23. PROVIDE DOUBLE GANG BOX FOR SIM MAN LINK BOX. PROVIDE (1) 1-1/4" FROM JUNCTION BOX TO 6" ABOVE ACCESSIBLE CEILING SPACE. VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS AND ARCHITECTURAL INTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
24. PROVIDE JUNCTION BOX SURFACE MOUNTED TO UNDERSIDE OF SIMLAB WORK AREA FOR SIM MAN TELECOM BOX. VERIFY EXACT LOCATION AND TYPE OF BOX WITH AV DRAWINGS PRIOR TO ROUGH-IN.
25. PROVIDE FOUR-GANG BOX FOR PIXIE REMOTE CONTROL. PROVIDE (1) 3/4" FROM JUNCTION BOX TO PROJECTOR CONTROLLER JUNCTION BOX (TAGGED WITH KEYNOTE 2 IN THIS ROOM). VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS PRIOR TO ROUGH-IN.
26. PROVIDE SINGLE GANG JUNCTION BOX FOR VOLUME CONTROL. PROVIDE 3/4" UP TO ACCESSIBLE CEILING SPACE. VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS PRIOR TO ROUGH-IN.
27. PROVIDE (2) 2" SLEEVES. VERIFY EXACT LOCATION WITH AV CONTRACTOR PRIOR TO ROUGH-IN.
28. PROVIDE SINGLE GANG BOX FOR MONITOR (TYP OF 6). PROVIDE (1) 1" FROM JUNCTION BOX TO 6" ABOVE ACCESSIBLE CEILING SPACE. VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS PRIOR TO ROUGH-IN.
29. PROVIDE SINGLE GANG JUNCTION BOX MOUNTED FLUSH WITH CEILING FOR AUDIOVISUAL MIC. PROVIDE (1) 3/4" FROM MIC JUNCTION BOX TO SPEAKER JUNCTION BOX LOCATED ABOVE CEILING (TAGGED WITH KEYNOTE 30 IN THIS ROOM). VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS PRIOR TO ROUGH-IN.
30. PROVIDE SINGLE GANG JUNCTION BOX MOUNTED ABOVE CEILING FOR AUDIOVISUAL SPEAKER. PROVIDE (1) 3/4" FROM SPEAKER JUNCTION BOX TO JUNCTION BOX WALL MOUNTED ABOVE CEILING (TAGGED WITH KEYNOTE 18 IN THIS ROOM). VERIFY EXACT LOCATION OF DEVICES WITH AV DRAWINGS PRIOR TO ROUGH-IN.
31. MOUNT NEMA LS-30 RECEPTACLE TO SIDE OF LADDER RACK. CONFIRM EXACT LOCATION WITH TELECOM CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE WITH #10 AWG WRING.
32. LOCATE RECEPTACLE AND TELE/DATA OUTLET IN PRIVATE OFFICES WITHIN 24" OF WINDOW AND ADDITIONAL CONVENIENCE OUTLET WITHIN 42" TO AVOID CONFLICT WITH FURNITURE. COORDINATE EXACT LOCATION WITH FURNITURE SHOP DRAWINGS PRIOR TO ROUGH-IN.
33. LOCATED RECEPTACLE AND TELE/DATA OUTLET IN OFFICE 911 WITHIN 42" OF WEST WALL AND ADDITIONAL CONVENIENCE OUTLET WITHIN 60" TO AVOID CONFLICT WITH FURNITURE. COORDINATE EXACT LOCATION WITH FURNITURE SHOP DRAWINGS PRIOR TO ROUGH-IN.
34. PROVIDE JUNCTION BOX FOR FUTURE KEYPAD AT +48" AFF WITH 1/2" C. TO CONTROL BOX AT +96" AFF DIRECTLY ABOVE. LOCATE A SECOND CONTROL BOX AT +96" AFF ON OTHER SIDE OF DOOR WITH 1/2" C. FROM INTERIOR CONTROL BOX. FROM SECOND CONTROL BOX ROUTE 1/2" C. TO FUTURE SECURITY PANEL AT DATA ROOM AT INTERIOR DOORS (TYP OF 4). PROVIDE 1/2" C. FROM INTERIOR CONTROL BOX TO MIDDLE HINGE WITH PULL STRING FOR FUTURE ACCESS INSTALLATION.
35. PROVIDE JUNCTION BOX FOR FUTURE SECURITY PANEL AT +48" AFF WITH 1/2" C. TO PANEL RJ-1 FOR FUTURE CIRCUIT.
36. PROVIDE 10" SQUARE JUNCTION BOX WITH 3/4" C. BACK TO (E) SIMPLEX CLOCK PANEL IN CLOSET 920A FOR EXISTING RELOCATED CLOCKS. OWNER TO PROVIDE ADDITIONAL CLOCK FOR COMPUTER ROOM 917.
37. PROVIDE JUNCTION BOXES FOR MOTORIZED SHADE MOMENTARY SWITCHES SUPPLIED BY OTHERS. COORDINATE EXACT REQUIREMENTS PRIOR TO ROUGH-IN.
38. SEE SPEC 10255 FOR ELEC SUB-CONTRACTOR COORDINATION AT HEADWALLS FOR RECEPTACLE OUTLETS SHOWN AT 50" AFF.
39. PROVIDE POWER FOR INDOOR AC UNIT FROM OUTDOOR CONDENSING UNIT ON ROOF. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT MANUFACTURER.
40. INTERCEPT EXISTING CONDUIT IN WALL AND EXTEND TO SINGLE LOCATION SHOWN. PROVIDE NEW WIRING FROM SOURCE. REFER TO NEW LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.



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L-614 NURSING / EMT REMODEL
COLLEGE COMPLEX
BID DOCUMENTS

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2700 EAST LELAND DRIVE
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