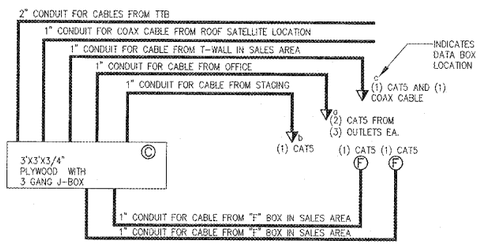
POWER NOTES

1. RECESSED DUPLEX OUTLET FOR TWO-STATION WALL MOUNT WATER COOLERS. VERIFY ROUGH-IN HEIGHT AND LOCATION REQUIREMENTS WITH EQUIPMENT SPECIFICATIONS.
2. E.C. SHALL PROVIDE ARLINGTON BOX, TVBUS05 AT 80" AFF. PROVIDE RECEPTACLE AT CENTER OF THE WALL.
3. RUN (3) 20A 120V CIRCUITS IN (1) 1" CONDUIT (6-#10, 3-#10 G. IN (1) 1" C.) FROM FLOOR BOX "F" UNDERSLAB TO NEAREST WALL. (2) DEDICATED FOR POS AND (1) FOR GENERAL PURPOSE.
4. RUN (2) 1" C TO FLOOR BOX FROM J-BOX "C" IN OFFICE WITH PULL STRING FOR DATA CABLE. SEE DETAIL 2/E111.
5. PROVIDE 1"C THROUGH ROOF FOR SATELLITE CONNECTION. PROVIDE WITH WEATHERHEAD. SECURE CONDUIT MINIMUM 2 LOCATIONS TO STRUCTURE. COORDINATE WITH ROOFING CONTRACTOR FOR PROPER FLASHING.
6. PROVIDE 3'X3'X3/4" PAINTED PLYWOOD BACKBOARD 6" BELOW CEILING. SEE DETAIL 2/E111.
7. PROVIDE (3) 1"C THROUGH WALL ABOVE OFFICE CEILING. SEAL CONDUIT PENETRATIONS.
8. PROVIDE 4'X4'X3/4" PLYWOOD BACKBOARD, 36" AFF. TO BOTTOM, PAINT ALL SIDES AND EDGES FOR BATTERY CHARGER.
9. PROVIDE 4'X4'X3/4" PLYWOOD BACKBOARD, PAINTED FOR TELEPHONE TERMINAL BOARD. RUN #6 COPPER GROUND TO MAIN GROUNDING BAR.
10. PERMANENTLY CONNECTED EQUIPMENT SHALL BE PROVIDED WITH A LOCKABLE BREAKER CAPABLE OF BEING LOCKED IN THE OFF POSITION IN ACCORDANCE WITH NEC 422.31(B). EXTEND LIQUIDTIGHT FLEXIBLE METAL CONDUIT FROM JUNCTION BOX TO EQUIPMENT, AS REQUIRED.
11. WR/GFI RECEPTACLE IS FACTORY INSTALLED. EC SHALL ROUTE ALL CIRCUITS TO RECEPTACLE VIA BOTTOM POWER ENTRY IN CURB.
12. SAFETY DISCONNECT SWITCHES ARE FACTORY INSTALLED IN ALL RTU'S. EC SHALL ROUTE CIRCUITS TO DISCONNECT SWITCH VIA BOTTOM ENTRY OF CURB.
13. 2" C. STUB UP TO TELEPHONE PANEL -- ROUTE 2" C. BELOW GRADE TO STREET FOR SERVICE ENTRANCE. SEE CIVIL FOR REQUIRED CONDUIT STUB-UPS. COORDINATE FINAL CONNECTION POINT WITH LOCAL TELEPHONE COMPANY.
14. SWITCHED SHOW WINDOW RECEPTACLE. E.C. SHALL VERIFY EXACT LOCATION AND REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
15. PROVIDE (1) CAT5 CABLE AND (1) COAX CABLE. SEE DETAIL 2/E111.
16. E.C. SHALL PROVIDE DISCONNECT AS REQUIRED PER EQUIPMENT NAME PLATE DATA. COORDINATE FINAL LOCATION AND MOUNTING HEIGHT WITH GENERAL CONTRACTOR.
17. E.C. SHALL PROVIDE A WALL SWITCH TO CONTROL EXHAUST FAN (EF-3) OPERATION. THE EXHAUST FAN IS TO BE INTERLOCKED WITH THE EXHAUST FAN DAMPER AND THE MAKE UP AIR DAMPER ACTUATORS SO THAT THE DAMPERS ARE ACTIVATED AND OPEN WHEN THE EXHAUST FAN IS OPERATING.
18. AUDIO VISUAL DEVICE BY MECHANICAL CONTRACTOR. E.C. SHALL PROVIDE CONDUIT AND J-BOX AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.
19. E.C. SHALL PROVIDE CONNECTION BETWEEN LINE VOLTAGE THERMOSTAT AND UNIT HEATER. VERIFY IN FIELD. COORDINATE WITH M.C. FOR EXACT REQUIREMENTS AND LOCATIONS.
20. E.C. SHALL PROVIDE AN OCCUPANT SENSOR TO SHUT OFF GENERAL RECEPTACLES (LABELED AS "CR") WHEN NO OCCUPANTS HAVE BEEN DETECTED FOR A MAXIMUM OF 20 MINUTES. E.C. SHALL CLEARLY AND BOLDLY LABEL ALL CONTROLLED RECEPTACLES ONCE INSTALLED. SEE SHEET E121 FOR OCCUPANCY SENSOR LOCATION.
27. EC SHALL PROVIDE 3/4" CONDUIT WITH PULL STRING TO ABOVE CEILING AND J-BOX FOR THERMOSTATS AND HVAC SENSORS. COORDINATE WITH MC.



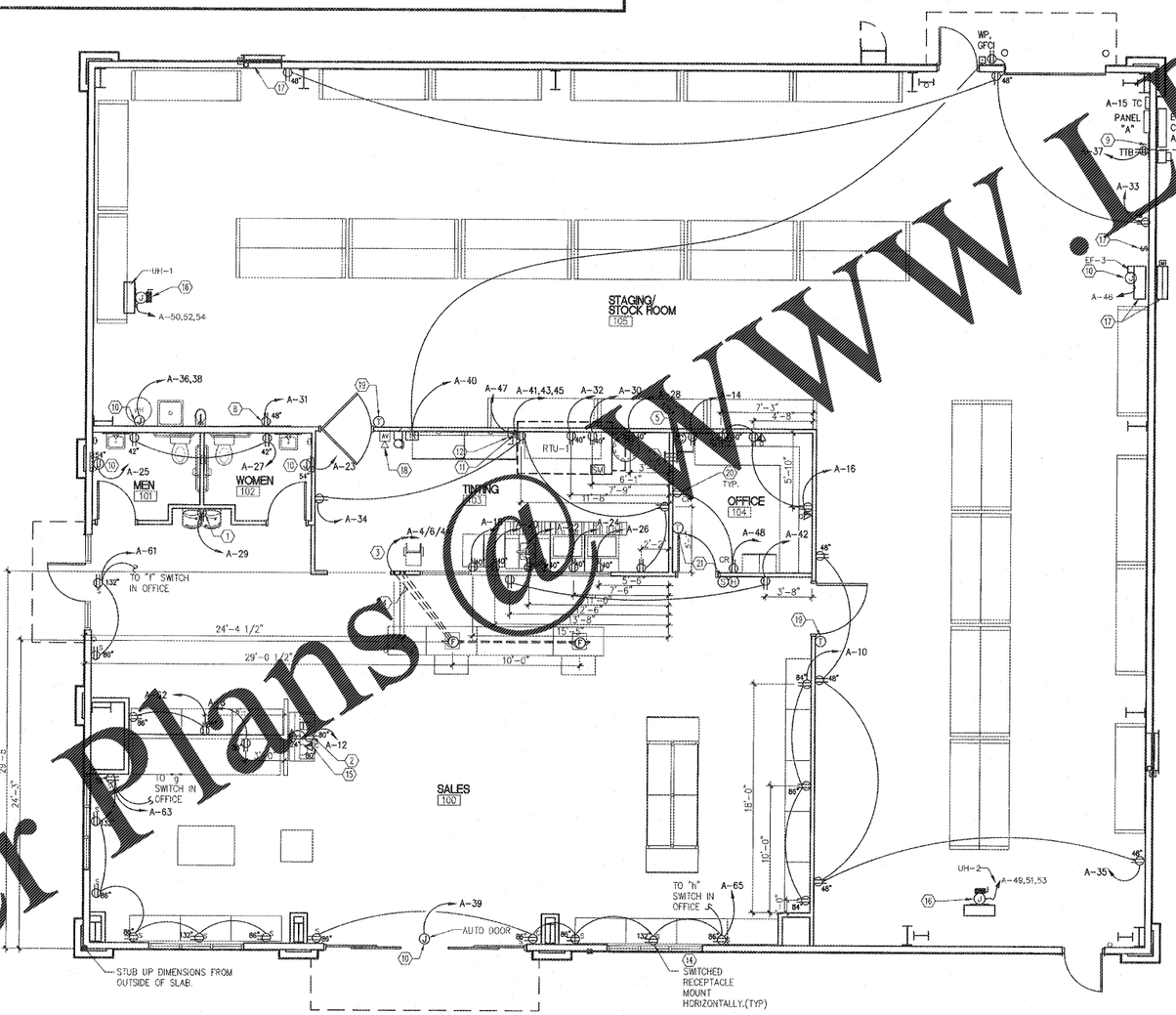
NOTE:

COAX CABLE AND LOW VOLTAGE CABLE PROVIDED AND INSTALLED BY OTHERS.

2 / E111 **3-GANG J-BOX IN OFFICE DETAIL**
SCALE: NTS

NOTE:

SEE SHEET E001 FOR GENERAL NOTES AND LEGENDS.



1 / E111 **ELECTRICAL FLOOR PLAN**
SCALE: 3/16" = 1'-0"

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DRAWING: ELECTRICAL POWER PLAN

Revisions

REVISION DATE

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