

HEIGHTS OF DEVICES ABOVE COUNTERS ('AC')

3 DEVICE ALIGNMENT DETAIL NOT TO SCALE

ALL 120V RECEPTACLES IN KITCHENS SHALL BE GFIC RATED EXCEPT FOR THE REFRIGERATOR.

MINIMUM CIRCUIT BREAKER SIZE SHALL BE 20 AMP. MINIMUM WIRE SIZE SHALL BE #12 AWG. ALL 120 VOLT RECEPTACLE CIRCUITS IN LIVING UNITS SHALL BE ARC-FAULT TYPE CIRCUIT BREAKERS IN LOAD CENTERS, EXCEPT FOR BATHROOM RECEPTACLE CIRCUIT WHICH SHALL BE COMBINATION ARC-FAULT,

GROUND FAULT.

4. ALL RECEPTACLES IN LIVING UNITS SHALL BE TAMPER-RESISTANT.

5. COMBINATION HORN/STROBE/SMOKE DETECTORS SHALL BE PHOTOELECTRIC TYPE. 6. SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS IN LIVING UNITS SHALL BE CIRCUITED TO THE LOCAL LIGHTING CIRCUIT.

7. STROBE CANDELA RATING FOR HOUSE FIRE ALARM NOTIFICATION APPLIANCES SHALL BE 15cd. 8. INSTALL LOAD CENTERS WITHIN LIVING UNITS WITH THE TOP CIRCUIT BREAKER HANDLE AT 48IN AFF. 9. COORDINATE THE EXACT LOCATION OF RECEPTACLES IN KITCHENS SO THAT NO POINT ON THE COUNTER IS GREATER THAN 24IN TO A RECEPTACLE. PROVIDE AN ABOVE COUNTER RECEPTACLE AT ALL KITCHEN COUNTERS THAT ARE GREATER THAN 12IN.

10. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING RECEPTACLES ON EACH WALL SPACE THAT IS 24IN OR GREATER IN BEDROOMS, LIVING ROOMS, DINING ROOM/KITCHEN AREAS. COORDINATE THE EXACT LOCATION OF RECEPTACLES SO THAT AT NO POINT ALONG A WALL IS GREATER THAT 6FT TO A RECEPTACLE. IN ENTRY/FOYER AREAS A RECEPTACLE SHALL BE PROVIDE ON EACH WALL SPACE 36IN OR

GREATER. PROVIDE A RECEPTACLE IN HALLWAYS/CORRIDORS GREATER THAN 10FT LONG. 11. UNDER BASE BID PROVIDE TYPE C1 LIGHT IN UNIT LIVING ROOMS AND BEDROOMS AS SHOWN. UNDER ALTERNATE BID PROVIDE A COMBINATION CEILING FAN/LIGHT IN UNIT LIVING ROOMS AND BEDROOMS. SEE

SPECIFICATIONS FOR DETAILS. VERIFY EXACT PLACEMENT WITH ARCHITECT PRIOR TO ROUGH-IN. 12. MECHANICAL CONTRACTOR TO SUPPLY BATHROOM EXHAUST FANS WITH TIMER DELAY/HUMIDITY SENSOR SWITCH. COORDINATE INSTALLATION REQUIREMENTS WITH MECHANICAL CONTRACTOR. IN LIVING UNITS CIRCUIT FAN TO UNIT LIGHTING CIRCUIT. IN ELEVATOR MACHINE ROOM 103, ELEVATOR MACHINE ROOM 1013, AND TOILET 1028 CIRCUIT FAN TO PANEL HP1 #3.

13. DO NOT INSTALL FLUSH MOUNTED BOXES BACK-TO-BACK IN WALLS; PROVIDE A MINIMUM 24 INCH SEPARATION. WHERE 24 INCH SEPARATION IS NOT PHYSICALLY POSSIBLE, APPROVAL FOR CLOSER SPACING SHALL BE OBTAINED FROM THE ARCHITECT PRIOR TO ROUGH-IN. IN SUCH CASES, PROVIDE UL LISTED FIRESTOP PADS FOR BOXES.

14. PROVIDE AIR-VAPOR BARRIER BOXES FOR ALL OUTLETS IN CEILINGS AT THE TOP FLOOR. BOXES SHALL BE MANUFACTURED BY LESSCO, OR APPROVED EQUAL. CABLE PENETRATIONS AT AIR-SEAL BOXES SHALL BE

15. ENSURE THAT OUTLET BOXES IN COMMON WALLS OF DWELLING UNITS ARE SEALED AGAINST AIR FILTRATION THROUGH THE USE OF CAULKING DRYWALL TO THE BOX AND PROVIDING COVER PLATE GASKETS.

16. ELECTRICAL CONTRACTOR TO PROVIDE (2) PAR20 LED LAMPS TO BE INSTALLED WITHIN KITCHEN HOOD. 17. MOUNT DISHWASHER RECEPTACLES WITHIN CABINET UNDERNEATH SINK SO THAT THEY ARE READILY

18. CONNECT NO MORE THAN 6 RECEPTACLES TO A SINGLE RECEPTACLE CIRCUIT. 19. AIR HANDLING UNITS LOCATED WITHIN LIVING UNITS SHALL HAVE FACTORY PROVIDED DISCONNECT SWITCHES. ALL UNITS SHALL BE 208-VOLT, 1-PHASE. ELECTRICAL CONTRACTOR SHALL PROVIDE A DEDICATED 15A/2P CIRCUIT BREAKER WITHIN THE UNIT LOAD CENTER. UNITS SHALL OPERATE FROM AN ELECTRONIC WALL MOUNTED CONTROLLER THAT IS TO BE LOCATED, INSTALLED AND WIRING BY THE ATC CONTRACTOR. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POWER WIRING FROM THE LOAD CENTER TO THE AIR HANDLER. COORDINATE THE EXACT LOCATION AND MOUNTING HEIGHT WITH THE MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.

20. PROVIDE HARD-WIRED DOOR CHIME BUTTON AND DOOR CHIME WITH STROBE AT LIVING UNIT 108. 21. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL DISCONNECT SWITCH SIZES SHALL BE 30A/2P.

22. FOR EACH BOILER AND ASSOCIATED CIRCULATION PUMP PROVIDE A JUNCTION BOX NEW THE BOILER'S LOCATION WITH CIRCUIT WIRING BACK TO A 30A/1P CIRCUIT BREAKER LOCATED IN PANEL EP1 WITH 2 #10, 1#12GND, IN A 3/4" CDT. BOILER INSTALLER SHALL PROVIDE ALL OTHER NECESSARY ELECTRICAL WORK ASSOCIATED WITH THE BOILERS INCLUDING WIRING FROM THE JUNCTION BOX, INTERCONNECTING WIRING BETWEEN PUMP AND BOILER, CONTROLS, AND EMERGENCY CUT-OFF SWITCHES.

23. VERIFY THE LOCATIONS OF ALL MECHANICAL EQUIPMENT PRIOR TO INSTALLATION. COORDINATE ALL MECHANICAL WORK WITH MECHANICAL CONTRACTOR. DISCONNECT SWITCHES SHALL NOT BE MOUNTED DIRECTLY TO THE MECHANICAL EQUIPMENT. MOUNT DISCONNECT SWITCHES SO THAT THEY ARE NOT VISIBLE.

24. ATC CONTRACTOR SHALL PROVIDE ALL WIRING NECESSARY FOR THE ATC SYSTEM EXCEPT CONNECTIONS TO THE PANELBOARD. ATC CONTRACTOR SHALL BRING CIRCUIT WIRING BACK TO THE PANELBOARD LOCATIONS WHERE ELECTRICAL WILL CONNECT TO PANEL EP1. ELECTRICAL CONTRACTOR SHALL RESERVE (10) CIRCUITS IN PANEL EP1 FOR ATC EQUIPMENT AND CONNECT THE ATC EQUIPMENT CIRCUITS TO PANEL EP1. 25. CIRCUIT CARBON DIOXIDE DETECTORS LOCATED IN PUBLIC AREAS TO PANEL EP1 #5.

15A/2P AIR HANDLING UNIT (ALT BID)

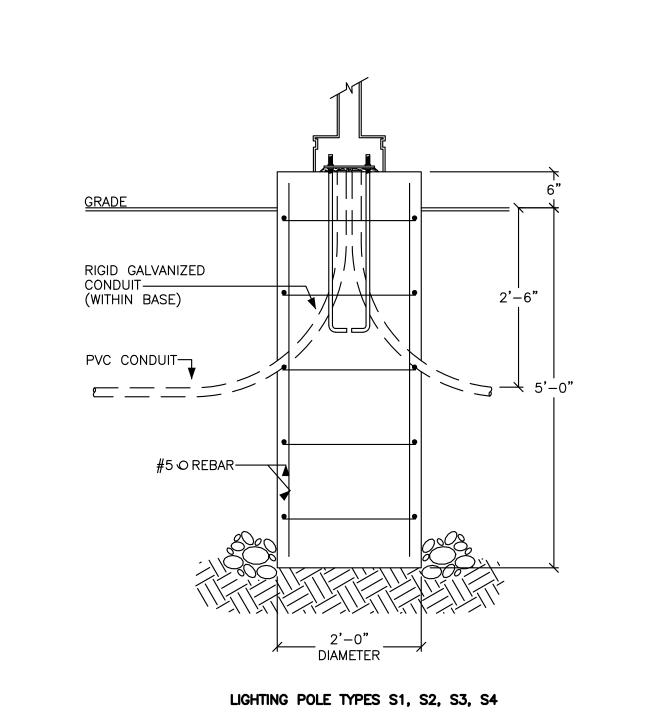
26. ROVIDE THE FOLLOWING CIRCUITS WITHIN UNIT LOAD CENTERS: 50A/1P RANGE 20A/1P LIGHTS/DETECTORS

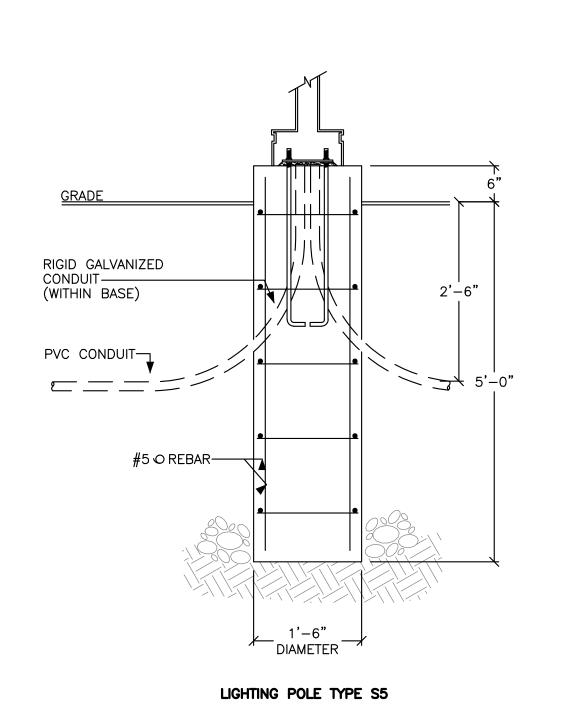
20A/1P RANGE HOOD 20A/1P BATHROOM RECEPT 20A/1P REFRIGERATOR 20A/1P BEDROOM RECEPTS 20A/1P KITCHEN RECEPTS 20A/1P DINING/HALL RECEPTS 20A/1P KITCHEN RECEPTS 20A/1P LIVING ROOM RECEPTS

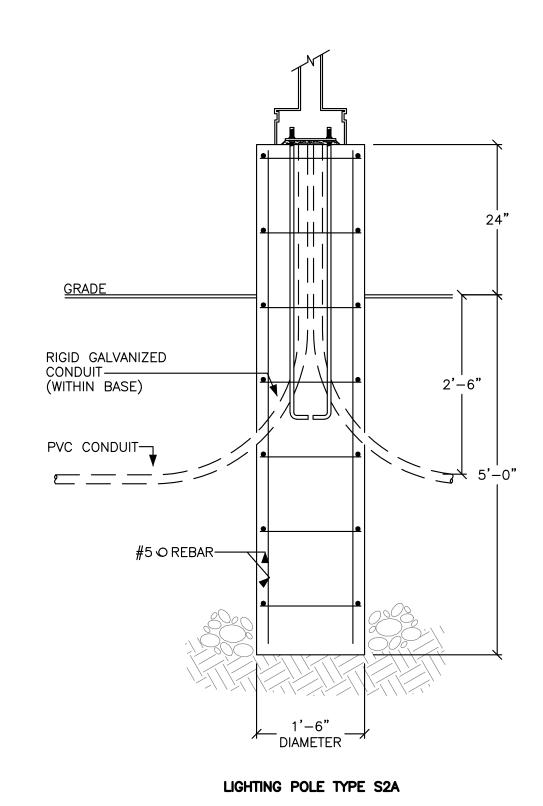
4 PROJECT NOTES

20A/1P DISHWASHER

NOT TO SCALE







LIGHTING POLE DETAILS NOT TO SCALE

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