





1 TOWER C - PARKING LEVEL ELECTRICAL POWER PLAN

SCALE: 1/8" = 1'-0"



DRAWINGS ARE INTENDED TO SHOW GENERAL ARRANGEMENT, DESIGN, AND EXTENT OF WORK AND ARE DIAGRAMMATIC. DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATIONS EXCEPT WHERE DIMENSIONS ARE SHOWN. ELECTRICAL WORK IS SHOWN ON PLANS USING STANDARD INDUSTRY SYMBOLS. BEFORE ORDERING MATERIALS OR DOING WORK, VERIFY MEASUREMENTS PERTAINING THERETO AND ASSUME RESPONSIBILITY THEREFOR. ANY SUBSTANTIAL DIFFERENCES BETWEEN DRAWINGS AND CONDITIONS IN THE FIELD SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER FOR CONSIDERATION BEFORE PROCEEDING WITH WORK. WORK PERFORMED INCLUDES LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO INSTALL A COMPLETE ELECTRICAL SYSTEM AS INDICATED ON THESE DRAWINGS AND AS SPECIFIED.

REFER TO ELECTRICAL CONNECTION SCHEDULE FOR CONDUIT, WIRING, COPD, DISCONNECT REQUIREMENTS. VERIFY EQUIPMENT SIZES AND POWER REQUIREMENTS FOR EQUIPMENT PROVIDED BY

ELECTRICAL CONDUITS IN FINISHED SPACES SHALL BE CONCEALED. COORDINATE WITH OTHER TRADES AND USE CHASES AND CEILING SPACES.LOCATIONS OF ELECTRICAL JUNCTION BOXES IN FINISHED SPACES SHALL BE APPROVED BY ARCHITECT PRIOR TO ROUGH-IN. F. REFER TO MECHANICAL AND PLUMBING PLANS FOR EXACT LOCATION OF HVAC/PLUMBING

EQUIPMENT. G. PROVIDE CONDUIT, WIRE AND J-BOXES FOR CIRCUITING SHOWN. QUANTITY AND SIZES OF J-BOXES TO BE DETERMINED BY CONTRACTOR. H. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY ELECTRICAL CIRCUITS AFFECTED BY CONSTRUCTION. SUCH CIRCUITS WILL BE REPAIRED IMMEDIATELY. THERE WILL BE NO DISRUPTION OF SERVICE OUTSIDE OF CONSTRUCTION ZONE/ AREA. PROVIDE TAMPER PROOF RECEPTACLES IN RESIDENTIAL UNITS AND ALL COMMON AREAS

NUMBERED NOTES:

AS PER NEC 406.12.

SUPPLY AND INSTALL SURFACE MOUNTED JUNCTION BOX COMPLETE WITH 2#8 + 1#10G WIRING IN 3/4"C SURFACE MOUNTED CONDUIT FOR EV CAR CHARGER. EXACT LOCATION AND MOUNTING HEIGHT ARE TO BE COORDINATED WITH EV CAR CHARGER SUPPLIER PRIOR TO CONSTRUCTION. DUPLEX RECEPTACLE TO BE INSTALLED IN THE ELEVATOR PIT. COORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR. OUTDOOR MAIN SERVICE DISCONNECTS TO BE INSTALLED ON EQUIPMENT PAD. PROVIDE GFI PROTECTION IN SUMP PUMP CIRCUIT PER NEC. PROTECTION MAY BE INTEGRAL TO CIRCUIT BREAKER, OR MAY BE MODULE MOUNTED ADJACENT TO PIT

PROVIDE CONDUIT, BOXES, AND WIRING AS REQUIRED BY MANUFACTURER FOR DOOR CONTROLS. ACCESS CARDS WILL BE INCLUDED FOR THE GARAGE DOOR AND KEYS WILL BE INCLUDED FOR THE METERING ROOM DOOR SERVICE CONDUITS ENCASED IN CONCRETE AT STRUCTURAL CEILING. DYE ENCASEMENT

RED THROUGH-AND-THROUGH AND APPLY PAINTED LABELS PER ROCKY MOUNTAIN POWER REQUIREMENTS. REFER TO STRUCTURAL DRAWINGS FOR INTEGRATION OF ENCASEMENT WITH STRUCTURE. REFER TO ONELINE FOR CONDUIT SIZES AND QUANTITIES. HEAT TRACE IS TO BE SUPPLIED AND INSTALLED FOR ALL HYDRONIC PIPING IN THE AREA NOTED. REFER TO MECHANICAL DRAWINGS FOR QUANTITY AND EXACT LOCATION OF HYDRONIC PIPING. HEAT TRACE CIRCUITS SHALL BE FED FROM A GFEP-TYPE BREAKER. FAN COIL INDOOR UNIT DENOTED IS PART OF A SPLIT SYSTEM AND IS TO BE POWERED BY THE OUTDOOR UNIT. ELECTRICAL CONTRACTOR IS TO SUPPLY AND INSTALL THE WIRING AND CONDUITS BETWEEN THE OUTDOOR UNIT AND THE INDOOR UNIT AS PART OF THIS

SCOPE OF WORK. REFER TO THE EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL ROUTE (7) SEVEN 3.5" PVC CONDUITS UNDERGROUND TO CONNECT BOTH SECTIONS OF P1C2. COORDINATE EXACT ROUTING IN FIELD.

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Expires 3/81/25 Stamped 5/31/24

Reserved for permit stamp

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checked by <u>Checker</u> date 05/31/2024

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no. date

IFC Set 3 of 3

05/31/2024

TOWER C - LVL P1 ELECTRICAL POWER PLAN

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