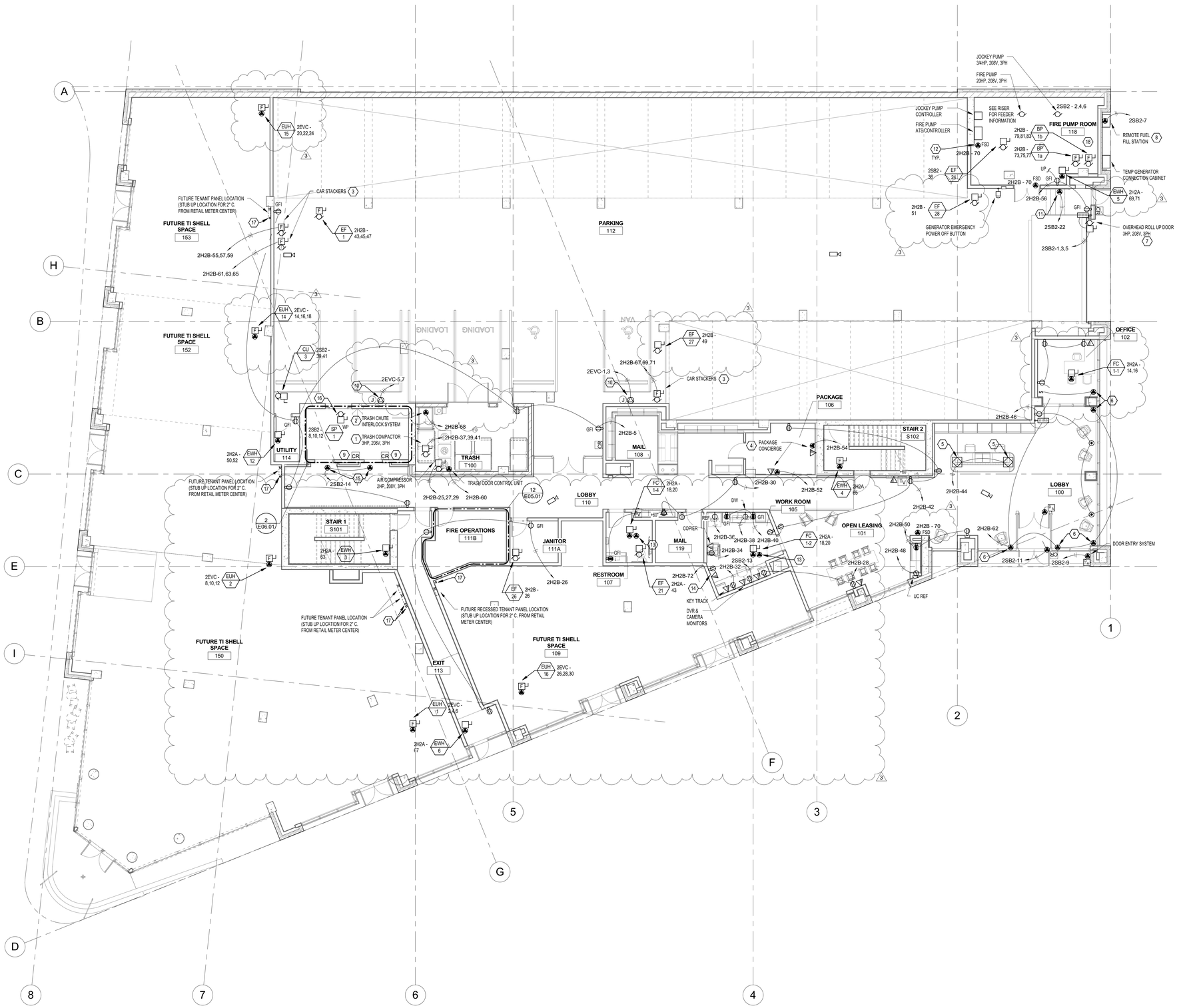

1 POWER AND SIGNAL PLAN LEVEL 01

1/8" = 1'-0"

GENERAL NOTES

A. COORDINATE LOCATION AND MOUNTING HEIGHT OF ALL ELECTRICAL DEVICES AND EQUIPMENT WITH ARCHITECTURAL, CIVIL, LANDSCAPE, PLUMBING AND MECHANICAL DRAWINGS PRIOR TO ROUGH IN.

B. PROVIDE SEPARATE NEUTRAL CONDUCTOR FOR EACH PHASE. DO NOT SHARE NEUTRALS.

C. CONDUCTOR DESIGNATIONS 'TIC MARKS' MAY NOT APPEAR ON THIS DRAWING. CONDUCTORS SHALL BE PROVIDED AS NECESSARY TO ACCOMPLISH THE INTENT OF THE CIRCUITING.

D. WHERE THE CONTRACTOR ELECTS TO ROUTE CONDUIT FOR TELECOMMUNICATION OUTLETS IN OR BELOW THE FLOOR, THE CONDUIT SHALL BE ROUTED EMBEDDED IN THE CONCRETE SLAB.

KEYED NOTES

1. PROVIDE DEDICATED ELECTRICAL CONNECTION TO TRASH COMPACTOR. COORDINATE EXACT REQUIREMENTS WITH COMPACTOR SUPPLIER PRIOR TO ROUGH-IN.
2. PROVIDE ELECTRICAL CONNECTION FOR TRASH CHUTE INTERLOCK SYSTEM. COORDINATE WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
3. PROVIDE DEDICATED 40A, 208V, 3 PHASE ELECTRICAL CONNECTION FOR EACH CAR STACKER WITH #8 CU CONDUCTORS. PROVIDE 60A FUSED DISCONNECTS WITH 20A FUSES. VERIFY REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
4. PROVIDE DEDICATED ELECTRICAL CONNECTION AND DATA FOR PACKAGE CONCIERGE. COORDINATE EXACT LOCATION WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
5. PROVIDE COMBINATION POWER / TELECOM FLOOR BOX WITH (2) DUPLEX RECEPTACLES AND (1) 1-1/4"C. FROM THE TELECOM COMPARTMENT TO THE WORK ROOM CEILING SPACE.
6. PROVIDE ELECTRICAL CONNECTION AND ALL INTERCONNECTIONS / CONTROLS FOR MOTORIZED SHADES. VERIFY REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
7. PROVIDE ELECTRICAL CONNECTION AND ALL INTERCONNECTIONS / DETECTORS / CONTROLS FOR ROLL UP DOOR. VERIFY REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
8. PROVIDE ELECTRICAL CONNECTION TO REMOTE FUEL FILL STATION. PROVIDE CONTROL WIRING TO GENERATOR FUEL TANK. A CALIBRATION CHART OF PERMANENT AND DURABLE CONSTRUCTION SHALL BE LOCATED AT THE REMOTE FILL STATION.
9. CARD READER IS INSTALLED IN ELEVATOR CAB. ELEVATOR SHALL BE PROGRAMMED TO BE OPEN AT LEVEL 1, BUT ALL OTHER FLOORS SHALL REQUIRE A VALID FOB.
10. PROVIDE 40A ELECTRICAL CONNECTION TO CAR CHARGING STATION LOCATION AND (1) 1"C. DAISY CHAINED FROM EACH STATION LOCATION WITH A HOMERUN BACK TO DATA ROOM 221. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN.
11. PROVIDE ELECTRICAL CONNECTION TO HEAT TRACE. COORDINATE CONNECTION POINTS WITH PLUMBING PRIOR TO ROUGH-IN.
12. PROVIDE ELECTRICAL CONNECTION TO FIRE SMOKE DAMPER (FSD). COORDINATE WITH MECHANICAL PRIOR TO ROUGH-IN.
13. PROVIDE 120V ELECTRICAL CONNECTION TO 1/30 HP CONDENSATE PUMP (CP-1). COORDINATE WITH MECHANICAL PRIOR TO ROUGH-IN. CONNECT TO CIRCUIT 2H2A-44F.
14. PROVIDE DEDICATED CIRCUIT FOR DATA COLLECTOR. VERIFY EXACT LOCATION WITH INSTALLER PRIOR TO ROUGH-IN.
15. PROVIDE 120V ELECTRICAL CONNECTION TO ELEVATOR SMOKE CURTAIN AND ALL ASSOCIATED WIRING FOR CONTROLS AND INTERLOCK WITH THE FIRE ALARM SYSTEM FOR A COMPLETE AND OPERABLE SYSTEM. COORDINATE WITH SUPPLIER PRIOR TO ROUGH-IN.
16. COORDINATE CONTROL PANEL LOCATION WITH MECHANICAL PRIOR TO ROUGH-IN.
17. PROVIDE (1) 2"C. TO DATA 221 FOR FUTURE TELECOM TO RETAIL SPACE.
18. VENTILATION IN THIS ROOM SHALL BE CONNECTED TO EMERGENCY POWER AND THE ROOM TEMPERATURE SHALL BE MAINTAINED ABOVE 40 DEGREES F.

City Of Portland
REVIEWED FOR CODE COMPLIANCE
Date: 02/11/20
Project: 19-106743-REV-01-CO

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JULY 20, 1983
STEPHEN M. LOCKHART
EXPIRES 12-31-20

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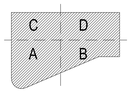
Portland, OR 97205

REVISIONS

B	PERMIT RESPONSE 2	07/26/2019
D	ELECT PLAN REVIEW	10/02/2019
3	AB-01	09/27/2019



KEYPLAN

CHECKED BY: SL
ISSUE DATE: 27 SEP 2019
PROJECT NO: 1803002

POWER AND SIGNAL PLAN LEVEL 01

E02.01

CONSTRUCTION SET

10/31/2019 10:36:29 AM