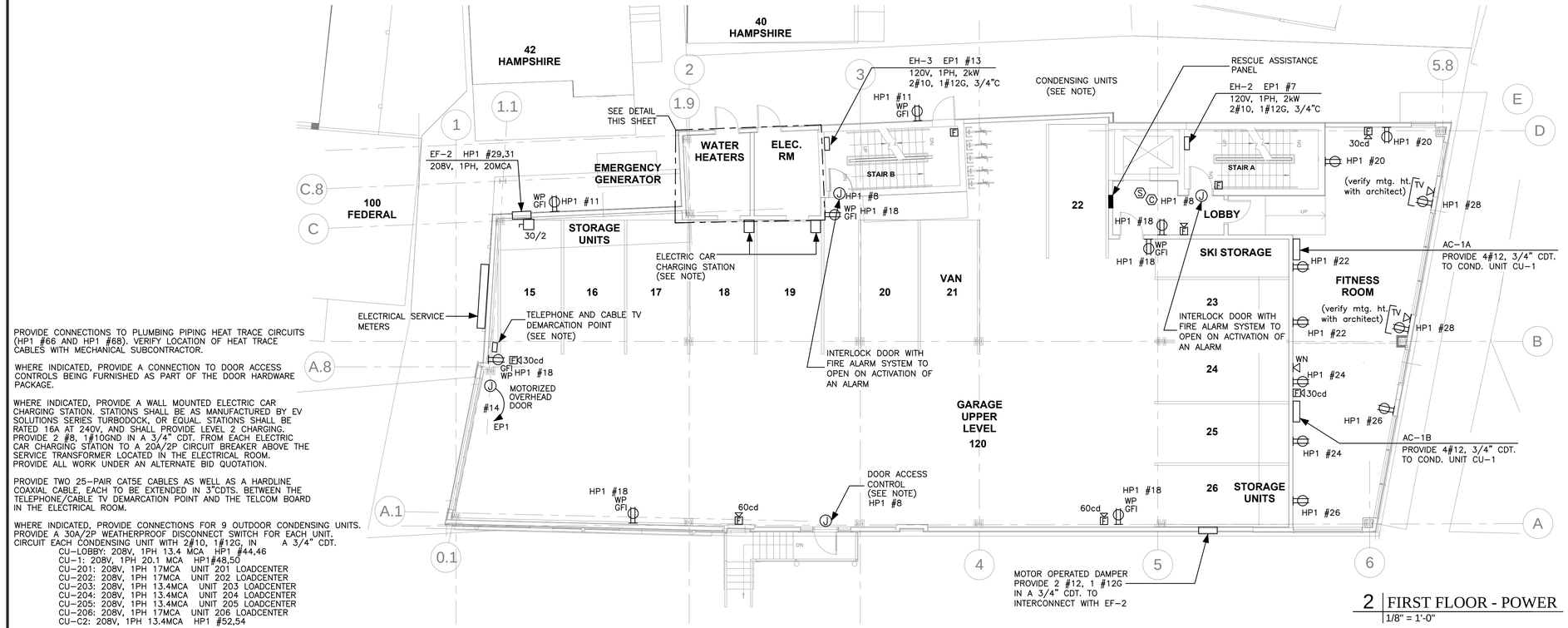
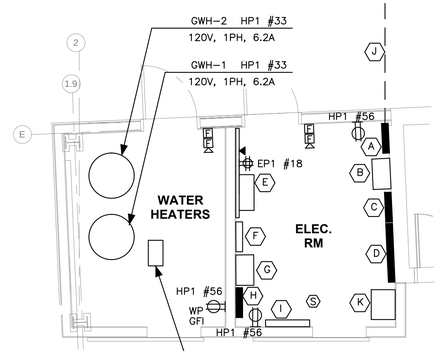


2 | FIRST FLOOR - POWER
1/8" = 1'-0"

- (A) PANEL EDP
  120/208V, 3PH, 4W
- (B) AUTOMATIC TRANSFER SWITCH ATS-1
  120/208V, 4PSN 150A
- (C) PANEL EP1
  120/208V, 3PH, 4W
- (D) PANEL HP1 (SECTIONS 1 & 2)
  120/208V, 3PH, 4W
- (E) 48" BY 60" PLYWOOD BACKBOARD
  TELEPHONE & CABLE TV SERVICE
- (F) LIGHTING CONTROL PANEL
  EP1 #20
- (G) AUTOMATIC TRANSFER SWITCH ATS-2
  120/208V, 4PSN 70A
- (H) PANEL EL1
  120/208V, 3PH, 4W
- (I) FIRE ALARM PANEL
  EP1 #6
- (J) U/G FEEDERS TO/FROM GENERATOR
  ELEC. SERVICE: 4 #4/0, 1 #2GND, 2-1/2" CDT.
  GENERATOR CONTROLS: 10 #12, 1-1/2" CDT.
  GENERATOR BLOCK HEATER: 2 #10, 1#12 GND, 1" CDT.
  EP1 #22
- (K) 208V:240V, 10 kVA TRANSFORMER FOR ELECTRIC CAR CHARGING STATIONS. PROVIDE TWO 20A/2P OUTPUT ENCLOSED OUTPUT CIRCUIT BREAKERS (1 PER CHARGING STATION CIRCUIT). MOUNT ABOVE TRANSFORMER. INPUT: HP1 #58,60. PROVIDE UNDER AN ALTERNATE BID QUOTATION.



3 | WATER HTR. & ELEC. RMS. PLAN
1/4" = 1'-0"

PROVIDE CONNECTIONS TO PLUMBING PIPING HEAT TRACE CIRCUITS (HP1 #66 AND HP1 #68). VERIFY LOCATION OF HEAT TRACE CABLES WITH MECHANICAL SUBCONTRACTOR.

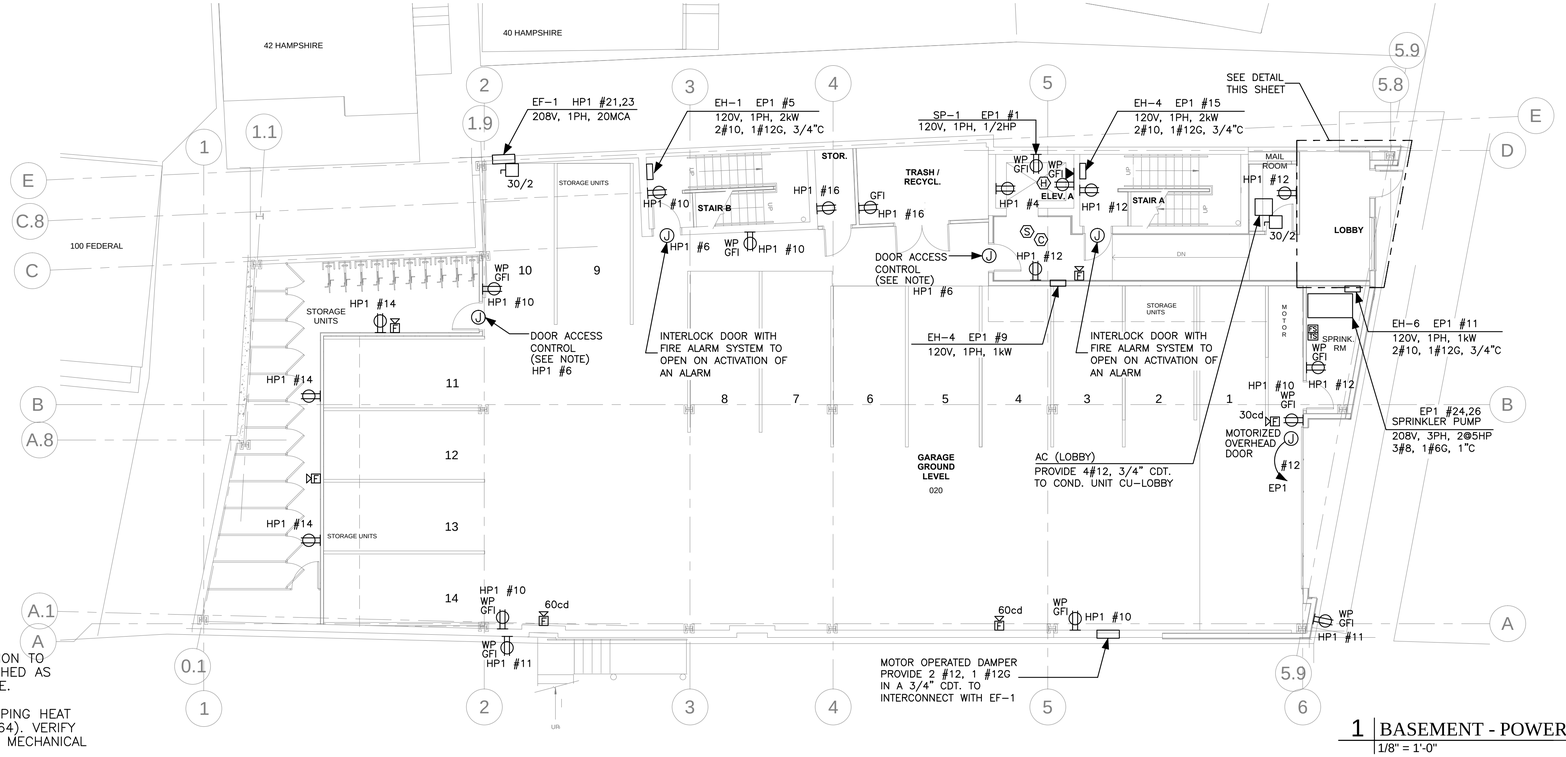
WHERE INDICATED, PROVIDE A CONNECTION TO DOOR ACCESS CONTROLS BEING FURNISHED AS PART OF THE DOOR HARDWARE PACKAGE.

WHERE INDICATED, PROVIDE A WALL MOUNTED ELECTRIC CAR CHARGING STATION. STATIONS SHALL BE AS MANUFACTURED BY EV SOLUTIONS SERIES TURBODOCK, OR EQUAL. STATIONS SHALL BE RATED 16A AT 240V, AND SHALL PROVIDE LEVEL 2 CHARGING. PROVIDE 2 #8, 1#10GND IN A 3/4" CDT. FROM EACH ELECTRIC CAR CHARGING STATION TO A 20A/2P CIRCUIT BREAKER ABOVE THE SERVICE TRANSFORMER LOCATED IN THE ELECTRICAL ROOM. PROVIDE ALL WORK UNDER AN ALTERNATE BID QUOTATION.

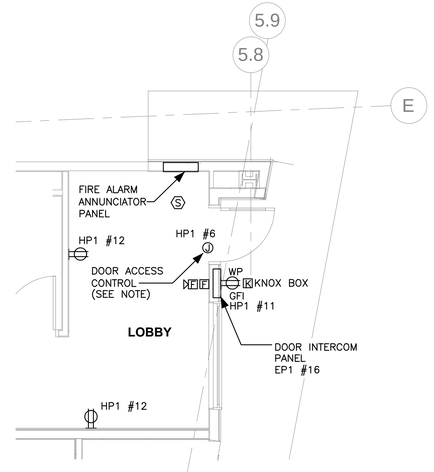
PROVIDE TWO 25-PAIR CAT5E CABLES AS WELL AS A HARDLINE COAXIAL CABLE, EACH TO BE EXTENDED IN 3"CDTS. BETWEEN THE TELEPHONE/CABLE TV DEMARCATION POINT AND THE TELCOM BOARD IN THE ELECTRICAL ROOM.

WHERE INDICATED, PROVIDE CONNECTIONS FOR 9 OUTDOOR CONDENSING UNITS. PROVIDE A 30A/2P WEATHERPROOF DISCONNECT SWITCH FOR EACH UNIT. CIRCUIT EACH CONDENSING UNIT WITH 2#10, 1#12G, IN A 3/4" CDT.

CU-LOBBY: 208V, 1PH 13.4 MCA HP1 #44,46
CU-1: 208V, 1PH 20.1 MCA HP1#48,50
CU-201: 208V, 1PH 17MCA UNIT 201 LOADCENTER
CU-202: 208V, 1PH 17MCA UNIT 202 LOADCENTER
CU-203: 208V, 1PH 13.4MCA UNIT 203 LOADCENTER
CU-204: 208V, 1PH 13.4MCA UNIT 204 LOADCENTER
CU-205: 208V, 1PH 13.4MCA UNIT 205 LOADCENTER
CU-206: 208V, 1PH 17MCA UNIT 206 LOADCENTER
CU-C2: 208V, 1PH 13.4MCA HP1 #52,54



1 | BASEMENT - POWER
1/8" = 1'-0"



WHERE INDICATED, PROVIDE A CONNECTION TO DOOR ACCESS CONTROLS BEING FURNISHED AS PART OF THE DOOR HARDWARE PACKAGE.

4 | LOBBY PLAN
1/4" = 1'-0"

NORTH

LAWRENCE E. BARTLETT No. 7928 LICENSED PROFESSIONAL ENGINEER STATE OF MAINE
7/20/16

Prepared For: NewHeight Group

Consultant: Bartlett Design
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Project: LUMINATO
Newbury Street Portland, Maine

Revisions:
06/17/16 100% REVIEW SET
07/22/16 REVISED PLANS

Scale: AS NOTED

Date: JUNE 17 2016

BASEMENT & FIRST FLOOR POWER PLANS

E1.01