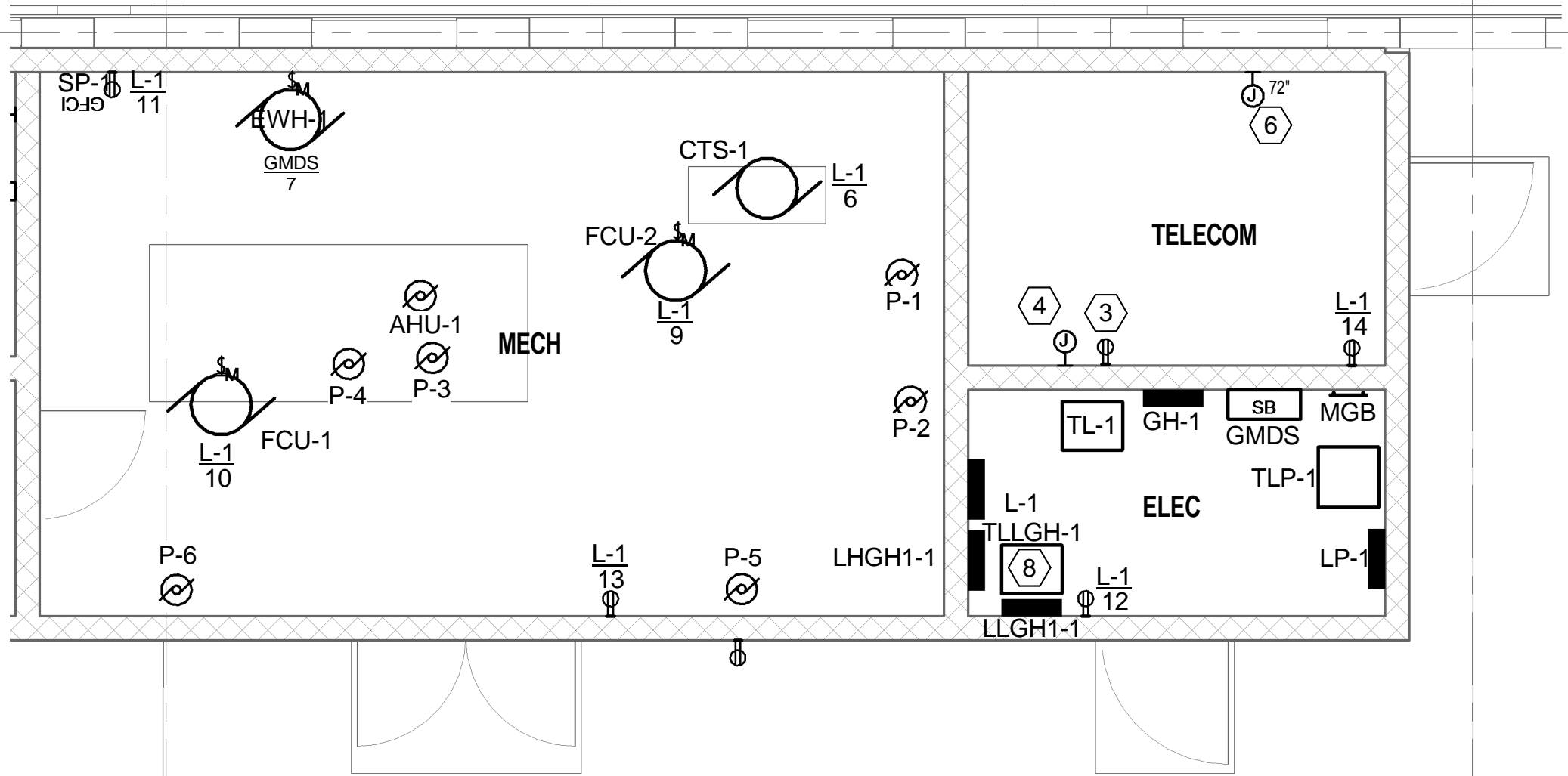
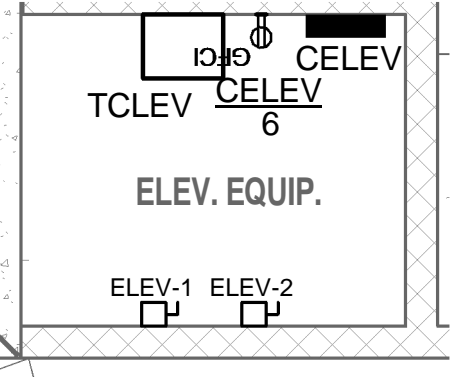



- GENERAL NOTES:**
- A. ALL EXPOSED CONDUIT RUNS, ARE TO BE IMC, SURFACE MOUNTED ON GALVANIZED CHANNEL. SEE DETAIL ON DRAWING ES-090.
 - B. (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE A SEPERATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.
 - C. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DEVIDERS BETWEEN DEVICES.
 - D. MULTI-POLE BRANCH CIRCUITS WILL NOT BE ALLOWED. PROVIDE SEPERATE NEUTRAL CONDUCTORS FOR EACH PHASE CONDUCTOR.
- KEY NOTES:**
- 1. PROVIDE CHARGING STATION, GE#EVS3, SINGLE PEDESTAL, NEMA 3R, 208VOLT SINGLE PHASE, WIRE AND CONNECT WITH 2#8, 1#10G IN A 3/4" RACEWAY. BID OPTION 1.
 - 2. DOOR OPERATORS, AND PUSH BUTTON STATIONS FURNISHED WITH DOORS. PROVIDE RACEWAY AND CONDUCTORS BETWEEN PUSH BUTTONS AND DOOR MOTOR, WIRE AND CONNECT PER MANUFACTURERS RECOMMENDATIONS.
 - 3. PROVIDE DUPLEX RECEPTACLE FOR RACK MOUNTED UPS. COORDINATE LOCATION WITH RACK. SEE DETAIL 2/EY-121. CONNECT RECEPTACLE TO ONE OF THE CRITICAL POWER CIRCUITS, SEE DRAWING ES-601.
 - 4. PROVIDE A SURFACE MOUNTED J-BOX TO FEED UPS POWER TO CCTV CAMERAS CONNECTED WITH OPTICAL FIBER. PROVIDE A 3/4" CONDUIT WITH 2 #12 AND 1 #12 GROUND FROM J-BOX TO EACH OF THE AFFECTIVE CAMERAS. PROVIDE A DUPLEX RECEPTACLE IN THE NEMA ENCLOSURE ADJACENT TO THE CAMERA, SEE GENERAL NOTE C ON DRAWING EY-121. PROVIDE A TYPE SO CORD WITH 3 #12 WITH A NEMA 5-15P PLUG AND CONNECT TO THE CONDUCTORS IN THE J-BOX. PLUG THE CAMERA CIRCUIT INTO A UPS OUTPUT RECEPTACLE.
 - 5. PROVIDE TWO 2" EMPTY PVC CONDUITS, UNDER SLAB, FROM ELEVATOR EQUIPMENT ROOM, TO ELEVATOR PIT. STUB CONDUITS UP ABOVE FLOOR IN ELEVATOR EQUIPMENT ROOM 4" ABOVE FINISHED FLOOR. STUB CONDUITS INTO ELEVATOR PIT, 1" BEYOND ELEVATOR PIT WALL.
 - 6. PROVIDE A J-BOX AND MAKE CONNECTION TO THE LENEL ACCESS CONTROL POWER SUPPLY, ELECTRICAL LOCK POWER SUPPLY AND THE EMERGENCY CALL STATION POWER SUPPLY. CONNECT THE J-BOX TO ONE OF THE CRITICAL POWER CIRCUITS, SEE DRAWING ES-601.
 - 7. WORK SHOWN FOR THIS WAITING AREA SHALL BE INCLUDED IN BID OPTION NO. 6.
 - 8. TRANSFORMER SHALL TRAPEZE MOUNTED 8' ABOVE FINISHED FLOOR.



2 ENLARGED PLAN - LEVEL 1
ES-101 1/4" = 1'-0"



3 ENLARGED ELEV EQUIP ROOM - LEVEL 1
ES-101 1/4" = 1'-0"

				CONSULTANTS:		ARCHITECTS/ENGINEERS:		Drawing Title: POWER PLAN - LEVEL 1		Project Title		Project Number		Office of Construction and Facilities Management	
				SIGNAGE		LEO A DALY		I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am duly licensed Professional Engineer under the laws of the State of Minnesota		CONSTRUCT PARKING RAMP DESIGN		618-820			
				SIGNA DESIGN 2395 UNIVERSITY AVENUE W., SUITE 316 SAINT PAUL, MN 55114 PHONE: 651-209-6254		PLANNING ARCHITECTURE ENGINEERING INTERIORS EST. 1915		Signature: 		Printed Name: Randall A. Jacobs Date: 02-24-2012 License: 25414		Building Number			
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				ANDERSON ENGINEERING 13605 1ST AVENUE NORTH, SUITE 100 PLYMOUTH, MN 55441 PHONE: 763-412-4000						Date 02-24-2012		Checked RAJ			
Revisions:		Date												Drawing 099 of 116	