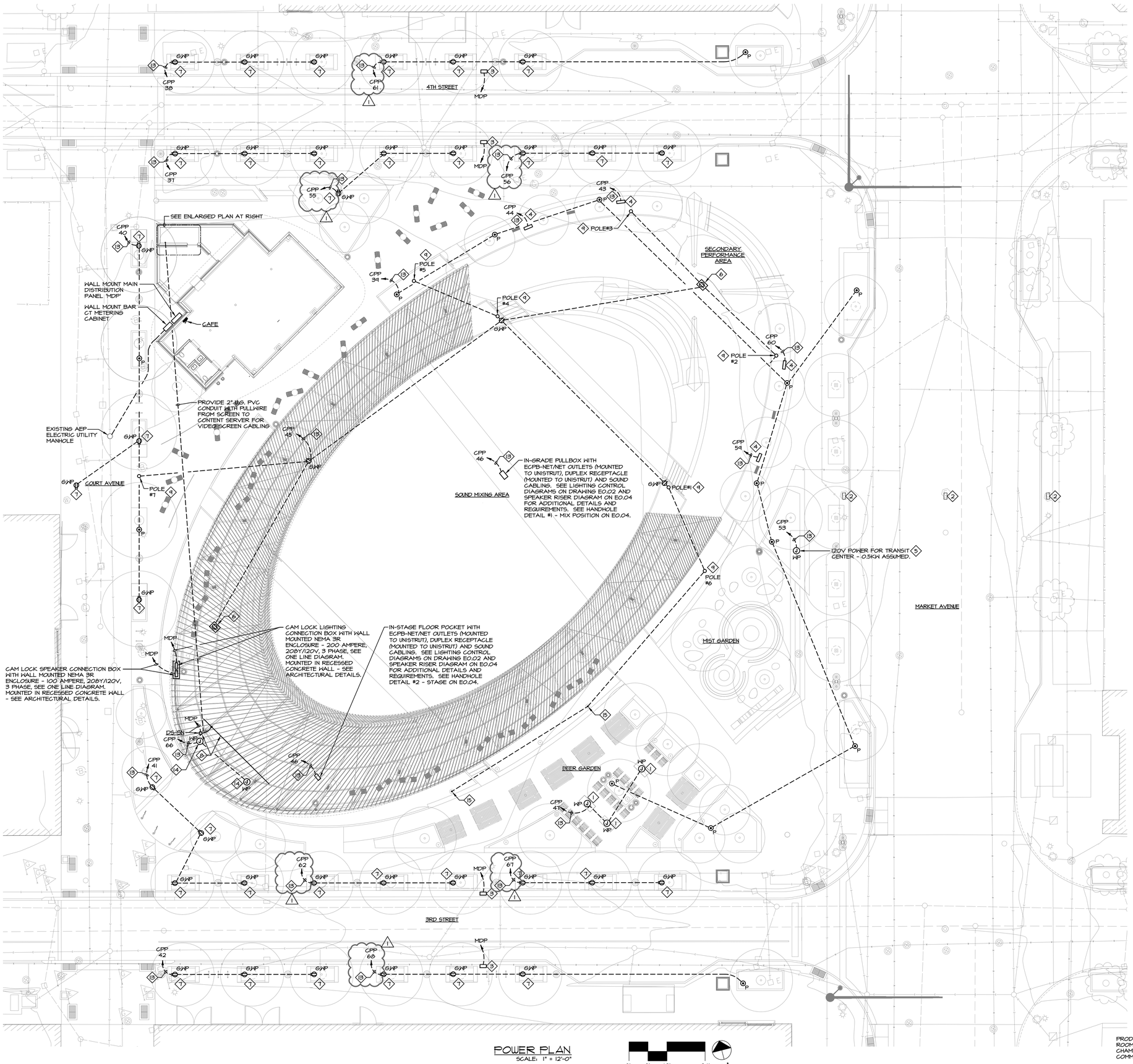
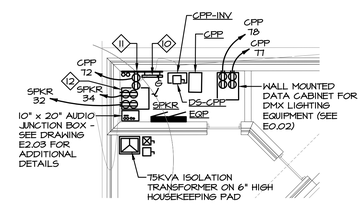



POWER PLAN
SCALE: 1" = 12'-0"

## PLAN NOTES

1. PROVIDE 120V POWER AT FIRE PIT LOCATION - 0.05KW ASSUMED..
2. EXISTING 120/240V IN-GRADE VENDOR SERVICE VAULT TO REMAIN. MAINTAIN AND PROTECT DURING CONSTRUCTION.
3. PROVIDE VENDOR ELECTRIC HANDHOLE WITH 200 AMEPERE, 208/120V, 1 PHASE WEATHERPROOF DISTRIBUTION BLOCK. SEE ONE LINE DIAGRAM FOR ADDITIONAL DETAILS AND WIRING REQUIREMENTS.
4. PROVIDE 120V POWER AS INDICATED AND CAT6A DATA CABLE IN 1" PVC UNDERGROUND CONDUIT BACK TO DATA RACK FOR DIGITAL KIOSK LOCATION - LOKI ASSUMED. KIOSK HAS INTEGRAL DISCONNECT. PROVIDE DIGITAL KIOSKS WITH (2) TWO COLUMNS OF (8) EIGHT 14" X 14" 6MM SCREENS IN CUSTOM ENCLOSURE BY DAKTRONICS. SEE LANDSCAPE DRAWINGS FOR DIGITAL KIOSK DETAILS. EQUAL PRODUCTS MAY BE SUBMITTED FOR CONSIDERATION A MINIMUM OF 7 BUSINESS DAYS PRIOR TO BID DUE DATE.
5. PROVIDE 120V POWER AS INDICATED AND CAT6A DATA CABLE IN 1" PVC UNDERGROUND CONDUIT BACK TO DATA RACK FOR TRANSIT CENTER.
6. PROVIDE OUTDOOR WEATHERPROOF IN-USE GROUND BOX WITH (2) TWO DUPLEX RECEPTACLES AND UL5OE TYPE 6P AND IP66 RATINGS - TO BE WIREHOLD #XB614/XB614C520BK. PROVIDE (3) THREE LOCK NUT TOOLS #XBLNT TO THE CITY.
7. PROVIDE GFCI DUPLEX RECEPTACLE WITH WEATHERPROOF IN-USE COVER MOUNTED RECESSED IN 18" HIGH PRECAST SEATWALL OF TREE PLANTER.
8. 12' HIGH BY 30' WIDE VIDEO WALL - 208V, 3 PHASE, 24.6KW, 68.3 FULL LOAD AMPERES. PROVIDE DAKTRONICS #DVX-6MN-608X1536. EQUAL PRODUCTS MAY BE SUBMITTED FOR CONSIDERATION A MINIMUM OF 7 BUSINESS DAYS PRIOR TO BID DUE DATE. PROVIDE 100 AMPERE NON-FUSED WEATHERPROOF (NEMA 3R) WALL MOUNT DISCONNECT AND 3-2 AWG & 1-8 AWG GND - 1 1/4" CONDUIT TO 90/3 CIRCUIT BREAKER IN 'MDP.' SEE ONE LINE DIAGRAM FOR DETAILS. PROVIDE 1 1/4" CONDUIT WITH FIBER WIRING BACK TO FIBER PATCH PANEL (PATCH PANEL PROVIDED UNDER PRODUCTION EQUIPMENT ALLOWANCE) IN CAFE ELECTRICAL CLOSET. COORDINATE CONDUIT ROUTING IN PAVILION STRUCTURE WITH ARCHITECT. COORDINATE FINAL CONNECTION REQUIREMENTS WITH EQUIPMENT SUPPLIER. PROVIDE ALL PARTS AND ACCESSORIES FOR A COMPLETE SYSTEM.
9. PROVIDE 120V POWER TO BE CAPPED AND LABELED IN SMART LIGHTING POLE BEHIND ACCESS PLATE FOR FUTURE WIRELESS ACCESS POINTS TO BE MOUNTED TO SMART LIGHTING POLES.
10. 24"x2"x1/4" CU GROUND BAR WITH INSULATED STAND-OFFS. INSTALL #4 AWG WIRE TO BUILDING GROUNDING ELECTRODE SYSTEM.
11. 8'Hx4'Wx3/4"D PAINTED TREATED PLYWOOD FOR WALL MOUNTED TELE/DATA EQUIPMENT.
12. 4-POST RACK WITH COMM SWITCHES, AUDIO AMPS/PROCESSORS AND A/V CONTENT SERVER - SEE RACK DETAIL ON DRAWING E2.03.
13. PROVIDE 2-8 AWG & 1-10 AWG GND - 3/4" UNDERGROUND PVC CONDUIT TO BRANCH CIRCUIT BREAKER INDICATED. WIRE IS SIZED TO ACCOMMODATE VOLTAGE DROP.
14. PROVIDE 120V POWER IN WEATHERPROOF JUNCTION BOX MOUNTED BEHIND STAGE SCREEN FOR FUTURE WIRELESS ACCESS POINTS. LABEL JUNCTION BOXES AS "120V POWER FOR WIRELESS ACCESS POINTS."
15. PROVIDE 120V POWER TO BE CAPPED AND LABELED IN CATENARY LIGHTING POLE BASE FOR FUTURE WIRELESS ACCESS POINT TO BE MOUNTED TO POLE.




ENLARGED ELECTRICAL CLOSET PLAN
SCALE: 1" = 6'-0"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Not For Construction

| revision | date | issued |
|---|---|---|
| 1 | 06.21.2019 | ADDENDUM #2 |

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POWER PLAN

sheet number
E2.02