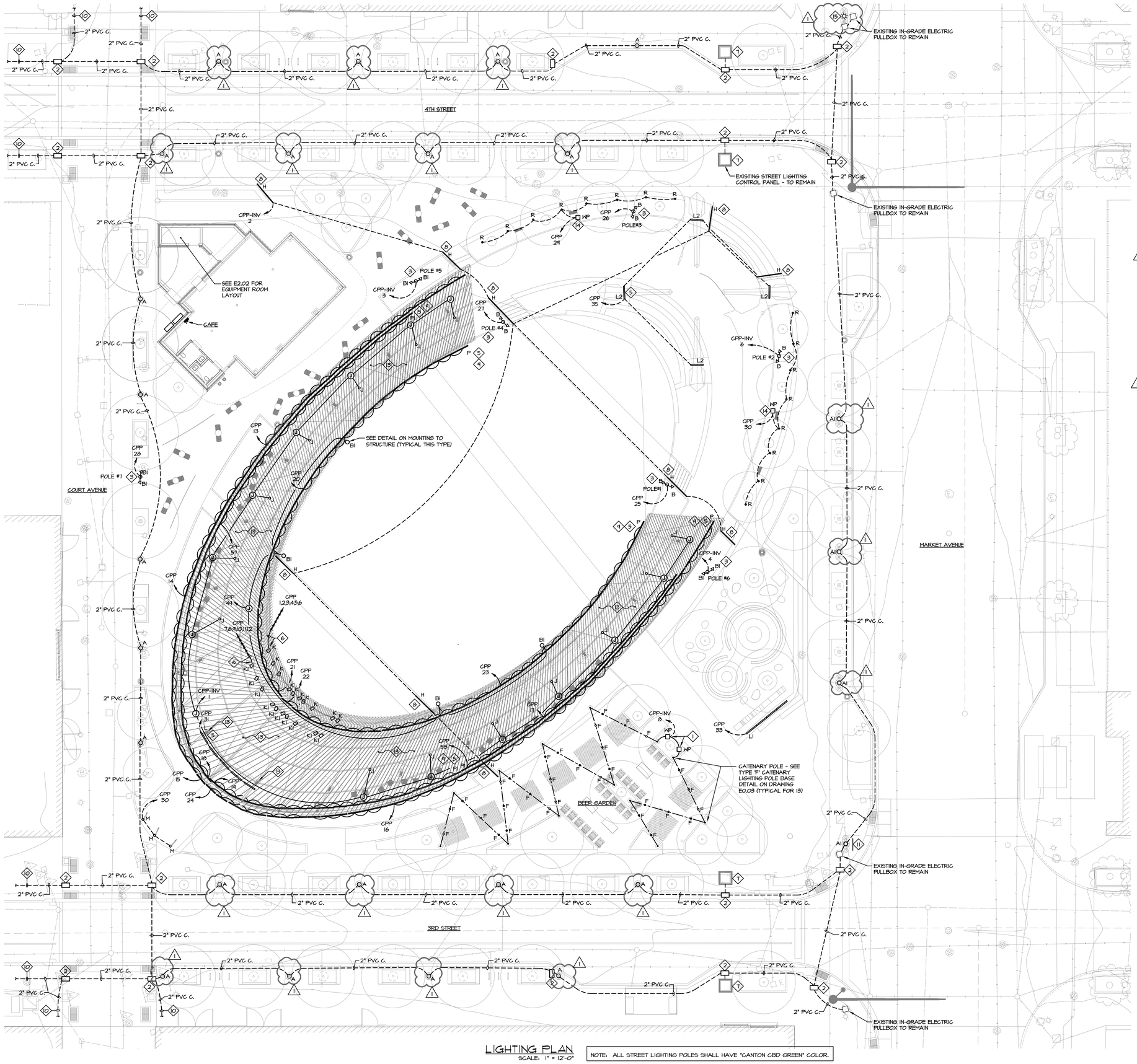


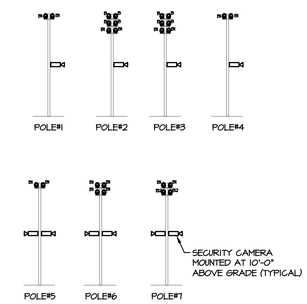
LIGHTING PLAN

SCALE: 1" = 12'-0"

NOTE: ALL STREET LIGHTING POLES SHALL HAVE "CANTON CBD GREEN" COLOR.

PLAN NOTES

1. PROVIDE DIRECT BURIAL POWER SUPPLY FOR TYPE "F".
2. PROVIDE 17" X 30" COMPOSITE PULLBOX WITH TIER 22 LID, LABELED "ELECTRIC."
3. 20' TALL, 6" DIAMETER STAINLESS STEEL SMART UTILITY POLE WITH LIGHTING, SECURITY AND WIFI. 5 YEAR WARRANTY. FINISH TO BE SELECTED BY ARCHITECT. SEE POLE ELEVATIONS FOR DETAILS ON LIGHTING FIXTURE TYPES AND QUANTITIES. PROVIDE (4) FOUR UNIVERSAL YOKES AS SPARE FOR INSTALLATION OF CAMERAS, WIRELESS ACCESS POINTS AND OTHER MISCELLANEOUS EQUIPMENT. TO BE LUMINTECH #PL-T-6-R-20-FINISH-WO / (4)PLTU. PROVIDE ALL PARTS AND ACCESSORIES FOR A COMPLETE SYSTEM.
4. TYPE "H1" REQUIRES POWER SUPPLY AND DMX MODULES. COORDINATE DISTANCE AND LENGTH RESTRICTIONS WITH FACTORY ENGINEER.
5. SEE MOUNTING DETAIL. THIS NOTE TYPICAL FOR THIS TYPE.
6. PROVIDE PIPE MOUNTED DMX/NET PLUG-IN STATION WITH IP 65 RATED COVER. PROVIDE REMOVABLE SOCOPEX BREAKOUT WITH 6 CIRCUITS.
7. MAINTAIN EXISTING GLOBE LUMINAIRE MOUNTED TO EXISTING MASONRY COLUMN. CORE EXISTING MASONRY COLUMN AND CONNECT 2" PVC SCHEDULE 40 CONDUIT BELOW GRADE.
8. LIGHT FIXTURE TYPE "H" IS INTEGRATED INTO HANDRAIL. SEE ARCHITECT DRAWINGS FOR CORRECT DIMENSIONS.
9. FIXTURE TYPE "P" AND "P1" REQUIRE ONSITE SINGLE BAY MOCKUP PRIOR TO COMPLETE INSTALLATION TO CONFIRM MOUNTING DETAIL.
10. WIRE NEW STREET POLE LIGHTING TO EXISTING STREET LIGHTING BRANCH CIRCUIT THAT SERVES THE AREA. CONFIRM A MAXIMUM 16 AMPERES LOAD ON 20 AMPERE BRANCH CIRCUIT.
11. RELOCATED PEDESTRIAN SIGNAL LIGHT. SEE CITY STANDARD PEDESTRIAN DETAILS ON DRAWING E0.05 FOR ADDITIONAL REQUIREMENTS. REPLACE CABLE PER ODOT SPECIFICATIONS. CABLE SHALL BE CONTINUOUS FROM PEDESTRIAN HEAD TO SIGNAL CABINET. NO SPLICES PERMITTED.
12. INSIGHT 'CDS-A NET' DMX LIGHTING CONTROL BOX - SEE DRAWING E0.03 FOR DMX WIRING REQUIREMENTS.
13. ALL CONDUITS IN THE PAVILION STRUCTURE SHALL BE ROUTED VERTICALLY UP EITHER OF THE STRUCTURAL COLUMNS BEHIND THE STAGE SCREEN AND THEN DISTRIBUTED HORIZONTALLY ALONG STRUCTURAL ELEMENTS AND CONCEALED BEHIND THE TYPE 'P' LINEAR LIGHT FIXTURES WHERE POSSIBLE. SEE "TYPE 'P' MOUNTING DETAIL" ON DRAWING E0.04 FOR REFERENCE PAVILION CROSS SECTION. ALL CONDUIT ROUTING AND JUNCTION BOX LOCATIONS ALONG STRUCTURE MUST BE APPROVED BY ARCHITECT PRIOR TO ROUGH-IN. ALL CONDUITS AND JUNCTION BOXES MUST BE PAINTED TO MATCH PAVILION STRUCTURE.
14. PROVIDE DIRECT BURIAL POWER SUPPLY FOR TYPE "R".
15. EXISTING THIN HEAD CITY STANDARD INCANDESCENT LIGHTING POLE TO REMAIN. MAINTAIN AND PROTECT DURING CONSTRUCTION. RETROFIT EXISTING THIN HEADS WITH NEW LED SOURCES TO MATCH NEW LED CITY STANDARD POLES.



POLE ELEVATIONS

SCALE: 1" = 12'-0"

NOTE: SEE LIGHTING POLE BASE DETAIL DRAWING E0.03.

0' 6' 12' 24' N

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Not For Construction

revision	date	issued
1	06.21.2019	ADDENDUM #2

seal

STATE OF OHIO
BRANDON M. SARGENT
PE. 82305
REGISTERED
PROFESSIONAL ENGINEER
6-21-19

issue date

project number

sheet name
LIGHTING PLAN

sheet number
E2.01