

ELECTRICAL SITE PLAN
SCALE: 1" = 30'-0"

GENERAL NOTES

- COORDINATE ALL TRENCHING FOR ELECTRICAL FEEDERS AND BRANCH CIRCUITS WITH SNOW MELT INSTALLER PRIOR TO TRENCHING.

DRAWING NOTES

- CONNECT NEW LIGHT FIXTURES TO EXISTING POWER AND CONTROLS SERVING THE LOWER PLAZA AREA. NET REDUCTION IN LOAD OF 551 WATTS.
- PROVIDE A STANCHION MOUNT DUPLEX GFCI RECEPTACLE WITH CAST ALUMINUM WHILE-IN-USE COVER. COORDINATE FINISH COLOR WITH ARCHITECT.
- NEW SNOWMELT ZONE VALVE LOCATED IN PARKING GARAGE. COORDINATE ELECTRICAL REQUIREMENTS WITH GENERAL CONTRACTOR AND PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
- PROVIDE AND INSTALL DE-ICING CONTROLLER, PENTAIR-RAYCHEM OR EQUAL, WITH CONNECTORS, CABLING, SENSORS AND A 10 YEAR WARRANTY FOR A COMPLETE DE-ICING HEAT TAPE SYSTEM FOR DRAIN PIPING. ELECTRICAL CONTRACTOR SHALL PROVIDE FULLY ENGINEERED DE-ICING SYSTEM SHOP DRAWINGS FOR SUBMITTAL REVIEW. CONNECT TO NEW PANEL "BP" IN NEW POOL DECK BOILER ROOM. VERIFY HEAT TAPE PROPERTIES WITH SELECTED PVC PIPING PER MANUFACTURER'S RECOMMENDATIONS PRIOR TO ORDER. COORDINATE EXACT LOCATION OF HEAT TAPE, JUNCTION BOXES, POWER CONNECTIONS, CONTROLLERS AND DRAIN LOCATIONS WITH LANDSCAPE DRAINING, ARCHITECT, DRAIN PIPING CONTRACTOR AND MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. HEAT TRACE SYSTEM SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS ALONG WITH ALL NECESSARY COMPONENTS FOR A COMPLETE AND OPERATIONAL SYSTEM. PROVIDE NECESSARY POWER CONNECTION KITS.
- EXISTING GAS MANIFOLD SERVING FIRE PITS IS LOCATED BELOW GRADE IN THIS AREA. THE EXISTING GAS MANIFOLD WILL BE REPLACED WITH AN ABOVE GRADE VALVE CABINET PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. EXTEND CONDUCTORS FROM NEARBY GAS EPO TO NEW GAS SOLENOID VALVE AS NECESSARY. COORDINATE WITH PLUMBING CONTRACTOR.
- APPROXIMATE LOCATION OF EXISTING EMERGENCY GAS EPO. INSPECT AND TEST OPERATION OF SHUTOFF VALVE AND CONTROLS AFTER REPLACEMENT OF GAS MANIFOLD AND SOLENOID VALVE NEARBY.
- COORDINATE WITH UTILITY TO DETERMINE IF TRANSFORMER WILL BE REPLACED AND UP-SIZED. SUBMIT PLANS TO UTILITY FOR COORDINATION.
- LOCATION OF DE-ICING POWER PACK FOR HEAT TAPE. HEAT TAPE SHALL RUN IN DOWN-SPOUTS AND CONTINUE INTO BELOW GRADE STORM DRAIN. TERMINATE HEAT TAPE AT THE 10" MAIN STORM LINE. REFER TO ARCHITECTURAL STORM PLANS FOR STORM DRAIN LAYOUT.
- HEAT TAPE SHALL RUN IN TRENCH DRAIN AROUND THE POOL. REFER TO ARCHITECTURAL STORM PLANS FOR TRENCH DRAIN LAYOUT.
- PROVIDE EPO SWITCH FOR PLAZA FIRE PIT. EPO SWITCH SHALL CONNECT TO SOLENOID VALVE FOR GAS CONTROL. COORDINATE EXACT LOCATION AND INSTALLATION REQUIREMENTS WITH FIRE PIT INSTALLER AND GC PRIOR TO ROUGH-IN.
- PROVIDE MANUALLY ACTIVATED FIRE PIT TIMER SWITCH. TIMER SWITCH SHALL CONNECT TO SOLENOID VALVE FOR GAS CONTROL. COORDINATE EXACT LOCATION AND INSTALLATION REQUIREMENTS WITH FIRE PIT INSTALLER AND GC PRIOR TO ROUGH-IN.
- PROVIDE 120V/20A CONNECTION VIA GFCI BREAKER FOR FIRE PIT IGNITION. INTERLOCK WITH GAS SOLENOID VALVE. COORDINATE EXACT LOCATION AND INSTALLATION REQUIREMENTS WITH FIRE PIT INSTALLER AND GC PRIOR TO ROUGH-IN.

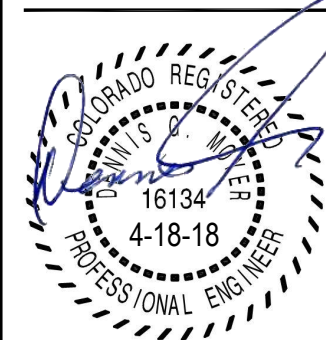
W S N K

ASSOCIATES
PLANNERS &
ARCHITECTS
303.828.0003

MEP PROJECT #17109



MEP
ENGINEERING INC.
CLIENT CENTRIC CONSULTING
6402 S. Tepe Circle, Suite 100 | WY 80139-1633
Cottonwood, CO 80611 | (303) 534-1795
info@mepeg.com | www.mepeg.com



WATERPROOFING / RENOVATION - PHASE 2
TORIAN PLUM PARKING STRUCTURE
STEAMBOAT SPRINGS, CO

Date **10.22.17**
Drawn By **MTS**
Reviewed by **DGM**
Job No. **17109**

Revisions	
Name	Date
△ BLDO DEPT #1	03/06/18
△ BLDO DEPT #2	04/17/18

Issue:
100% Construction Documents
Sheet Title:
ELECTRICAL SITE PLAN

Sheet Number

E1.0