LEGEND

- FLAG NOTE
- J-BOX
- MOTOR
- CEILING RECEPTACLE
- FLOOR RECEPTACLE
- DUPLEX RECEPTACLE
- FOUR-PLEX RECEPTACLE
- SPECIAL NEMA RECEPTACLE
- HEAVY DUTY DISCONNECT SWITCH
- MOTOR STARTER
- HEAVY DUTY STARTER-DISCONNECT
- STo THERMAL OVERLOAD SW
- BRANCH CIRCUIT PANEL
- SURFACE WALL LIGHT
- SURFACE CEILING LIGHT
- RECESSED LIGHT
- RECESSED WALL WASHER
- S SWITCH
- D DIMMER SWITCH
- SURFACE LIGHT
- PARKING LOT POLE LIGHT
- PEDESTRIAN POLE LIGHT
- GRADE MOUNTED LIGHT
- P PHOTOCELL
- TC TIME CLOCK
- OPE OVERHEAD PRIMARY ELECTRIC
- OSE OVERHEAD SECONDARY ELECTRIC
- UPE UNDERGROUND PRIMARY ELECTRIC
- USE UNDERGROUND SECONDARY ELECTRIC
- UBE UNDERGROUND BRANCH ELECTRIC
- UC UNDERGROUND COMMUNICATION

SITE PLAN GENERAL NOTES

All wiring shall be in compliance with the latest NEC edition: All multi-wire branch circuits (120V single phase circuits) identified in the panel schedules originating from single pole breaker shall be installed with a dedicated neutral conductor for each phase conductor. The neutral conductor shall have a tracer stripe (the stripe color shall match the color of the phase conductor).

Refer to the electrical specifications for additional installation, material and installation requirements. All electrical work shall be installed in accordance to the most current local codes and the latest edition of the NEC.

All Underground Electrical Feeder and Branch Circuits shall be installed a minimum of 30 inches below grade with Buried Electrical Warning Tape installed directly above between 6 and 12 inches below grade. All underground conduit shall be PVC. All elbow and risers, to four feet above grade, shall be rigid steel conduit, PVC coated where installed below grade. Contractor shall provide pull boxes as required to minimize the number of bends to meet code.

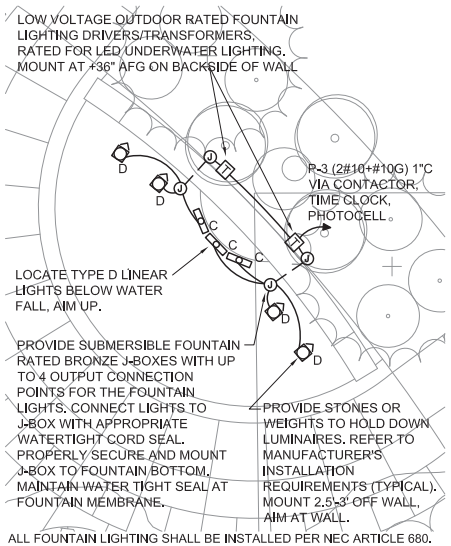
ALL Electrical Device locations shall be coordinated with the Civil Engineer prior to rough-in to determine typical installation requirements/locations in relation to the site landscape and civil elements. Locations should be coordinated with sidewalks and paving.

Underground conduit is indicated with dashed circuitry.

All new circuits shall have grounding conductors in all feeders and branch circuits.

For all weatherproof receptacle covers provide cast aluminum while-in-use weatherproof type covers, Hubbell-WP series.

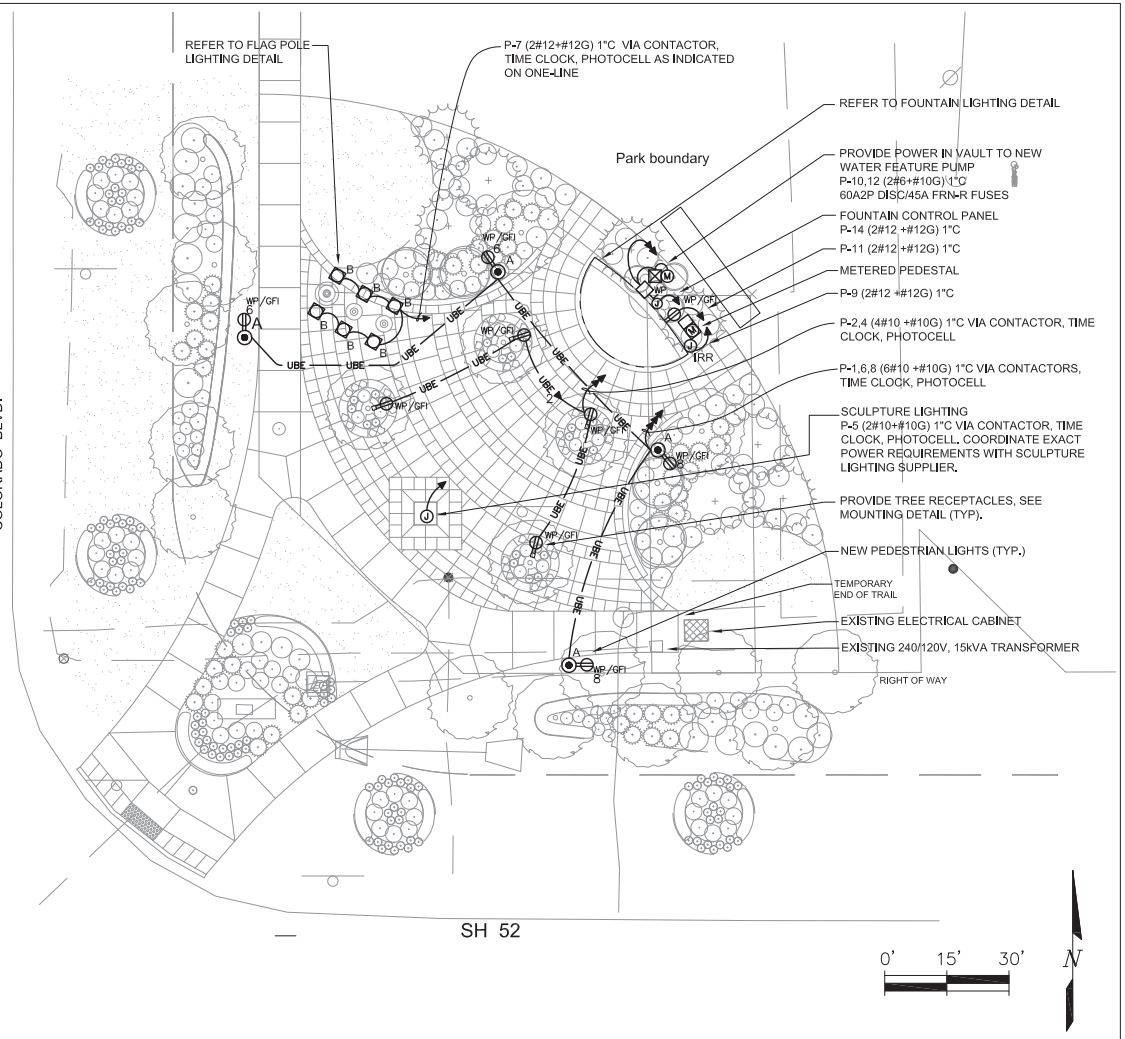
All exterior receptacles shall be GFI protected devices and have weatherproof covers as noted above.



ALL FOUNTAIN LIGHTING SHALL BE INSTALLED PER NEC ARTICLE 680. ALL PENERATIONS THRU FOUNTAIN FOUNDATION AND WATER PROOF MEMBRANE SHALL BE PROPERLY SEALED AND MADE WATER TIGHT. SEE DETAIL ON EL4 FOR MORE INFORMATION. FOUNTAIN SHALL NOT BE INTENDED FOR SWIMMING OR WADING.

Fountain Lighting Detail

0' 5' 10'



Print Date: 9/10/2014 1:25:30 PM	Sheet Revisions			As Constructed	FREDERICK GATEWAY PARK ELECTRICAL PLAN	Project No./Code
File Name: Fredrick E10 Elec.dwg	R-X	Date	Comments	Initials	No Revisions:		X
Horizontal Scale: Vertical Scale:					Revised:	Designer: HFR / Structure Numbers	X
ackerman engineering, inc. 17542 West 59th Avenue, Suite A Golden, Colorado 80403 Ph 303-278-7297 Fx 303-278-9009 www.aeiconsulting.com					Void:	Detailer: HFR / Subset: Electrical / Sheets: EL-1 of 6	Sheet Number 30

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