

1 POWER AND CONTROL BASE PLAN
E7-102 SCALE: 1/8" = 1'-0"

2 ELECTRICAL LIGHTING & FIRE ALARM BASE PLAN
E7-102 SCALE: 1/8" = 1'-0"

3 STAIR LIGHTING ELEVATION
E7-102 SCALE: 1/8" = 1'-0"

POWER AND CONTROL KEY NOTES:

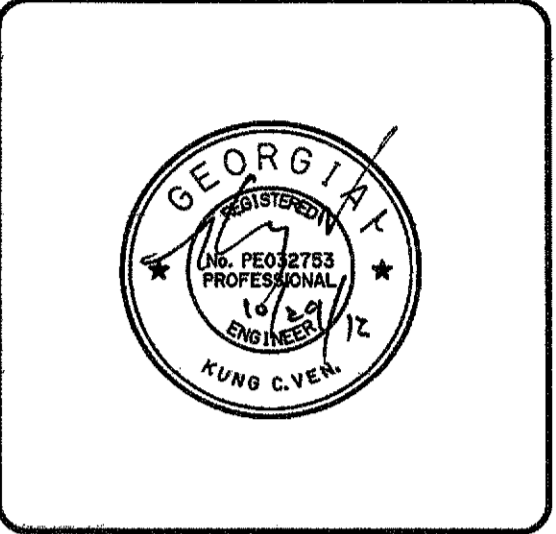
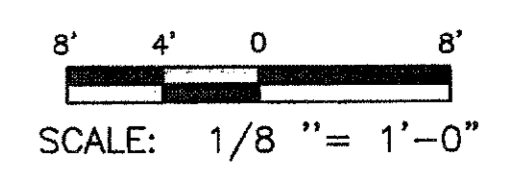
- 1 EXACT LOCATION OF MOTORS, DEVICES AND EQUIPMENT TO BE DETERMINED USING VENDOR AND/OR CONSTRUCTORS DRAWINGS. VENDORS DRAWINGS SHALL BE USED AS REQUIRED TO DETERMINE, COORDINATE AND VERIFY ENTRY OF RACEWAYS AND TERMINATION OF CONDUCTORS FOR VENDOR EQUIPMENT.
- 2 CONDUIT INSTALLED SHALL NOT INTERFERE WITH ACCESS AND SERVICING OF EQUIPMENT, AND SHALL NOT PREVENT REMOVAL OF FLOOR GRATING OR PLATES.
- 3 NOT USED.
- 4 COORDINATE BRIDGE CRANE CABLES WITH PUMP STATION COVER OPENINGS IN PUMP STATION COVER.
- 5 PUMP STATION JUNCTION BOXES SHALL BE NEMA 4X STAINLESS STEEL. CONTRACTOR SHALL SIZE BOXES PER NEC. PROVIDE APPROPRIATE TERMINALS IN BOXES TO PERMIT INTERFACE BETWEEN PREFAB VENDOR CABLES AND FEEDER WIRING. MOUNT JUNCTION BOX AS SHOWN AT 48" ABOVE SLAB.
- 6 SEE CONDUCTORS/CONDUITS SCHEDULE, DWG E7-101, FOR CABLE AND CONDUIT SIZES.
- 7 NOT USED.
- 8 INSTALL CONDUIT SEAL-OFFS FOR ALL EXPOSED CONDUITS EXITING THE PUMP ROOM AREA.

LIGHTING KEY NOTES:

- 1 RUN CIRCUIT VIA LIGHTING CONTACTOR 'LC-201', CONTROLLED VIA PHOTOCELL/TIMELOCK. REFER TO PHOTOCELL/TIMELOCK CONTROL DIAGRAM ON SHEET E0-502 FOR ADDITIONAL INFORMATION.
- 2 TYPE "C" FIXTURES MOUNTED 20'-0" AFF FOR UP-LIGHTING AND TYPE "D" FIXTURES MOUNTED AT 20'-0" AFF FOR DOWN-LIGHTING.

GENERAL NOTES:

- 1. SEE DRAWING E7-801 FOR PANELBOARD SCHEDULES.
- 2. SEE DRAWINGS E7-103 FOR LOCATION OF MCC AND PANELS.
- 3. CABLE AND CONDUIT SIZES FOR MOTORS AND OTHER DEVICES CONNECTED TO ELECTRICAL EQUIPMENT LIKE MCC'S, VFD'S, RVSS DRIVES ARE SHOWN ON SINGLE LINE DRAWING ONLY (E7-101).
- 4. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL DEVICES PRIOR TO ROUGH-IN.
- 5. BRANCH CIRCUIT CONDUITS MAY ALSO BE EMBEDDED IN CONCRETE SLAB.
MINIMUM SIZE CONDUIT EXPOSED SHALL BE 3/4".
MINIMUM SIZE CONDUIT IN SLAB SHALL BE 1".
- 6. NOT USED.
- 7. CONDUIT, BOXES, FITTINGS AND SUPPORTS SHALL BE SUITABLE FOR HAZARDOUS AND/OR CORROSIVE AREAS AS SPECIFIED ON THE AREA CLASSIFICATIONS DRAWING.
- 8. CONDUCTORS AND RACEWAY TO COMMUNICATIONS NETWORK, SEE ALSO ELECTRICAL SITE PLANS FOR APPROXIMATE ROUTE OF RACEWAYS TO BUILDING.
- 9. PROVIDE PUMP CABLE ROUTING TO ENSURE THE POSITIONS AND SUPPORTS ARE LOCATED TO FULLY SUPPORT THE CABLES.
- 10. PROVIDE AND COORDINATE ROUTING OF HORIZONTAL PUMP CABLE SUPPORT TRAYS WITH EQUIPMENT AT THE TOP OF THE PUMP STATION.
- 11. INSTALL ALL INSTRUMENT POWER AND CONTROL PER MANUFACTURERS REQUIREMENTS.
- 12. ALL INSTRUMENTATION CABLE AND CONDUITS SHALL BE BY DEFAULT, 2#14 - 3/4" C. FOR DISCRETE SIGNALS AND 1-2/C#16SH. - 3/4" GRC. FOR ANALOG SIGNALS, UNLESS NOTED OTHERWISE.
- 13. ALL BRANCH CIRCUIT FEEDERS SHALL BE BY DEFAULT, 2#12 & #12G. - 3/4" C. UNLESS OTHERWISE NOTED.



PEACHTREE CREEK SOUTH FORK
RELIEF STORAGE AND PUMPING STATION

DEPARTMENT of WATERSHED MANAGEMENT
CITY OF ATLANTA

REV	DATE	DESCRIPTION
0	10/28/12	100 PERCENT BID PACKAGE

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE.

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

PROJECT NO: FC-6260
DATE: OCTOBER 2012

RESP PROF: KCV	DESIGNER: AWP	CHECKER: WFR
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SHEET TITLE
ELECTRICAL
07 - JET MIXING PUMP STATION
ELECTRICAL PLANS

SHEET NO. E7-102 REV. 0