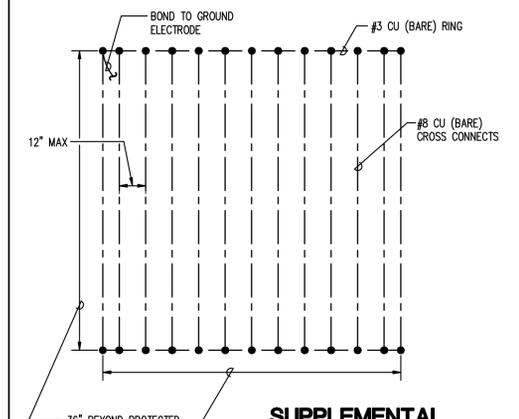
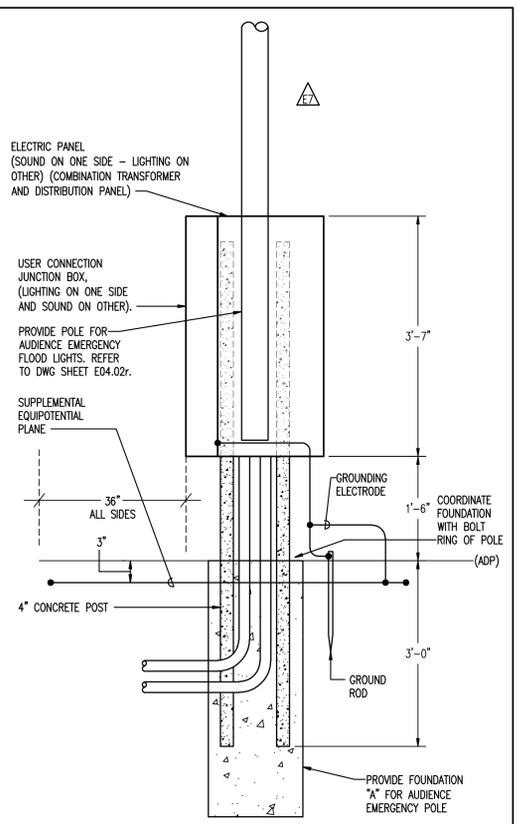


**NOTE:**  
PAINT ENTIRE ASSEMBLY BLACK.

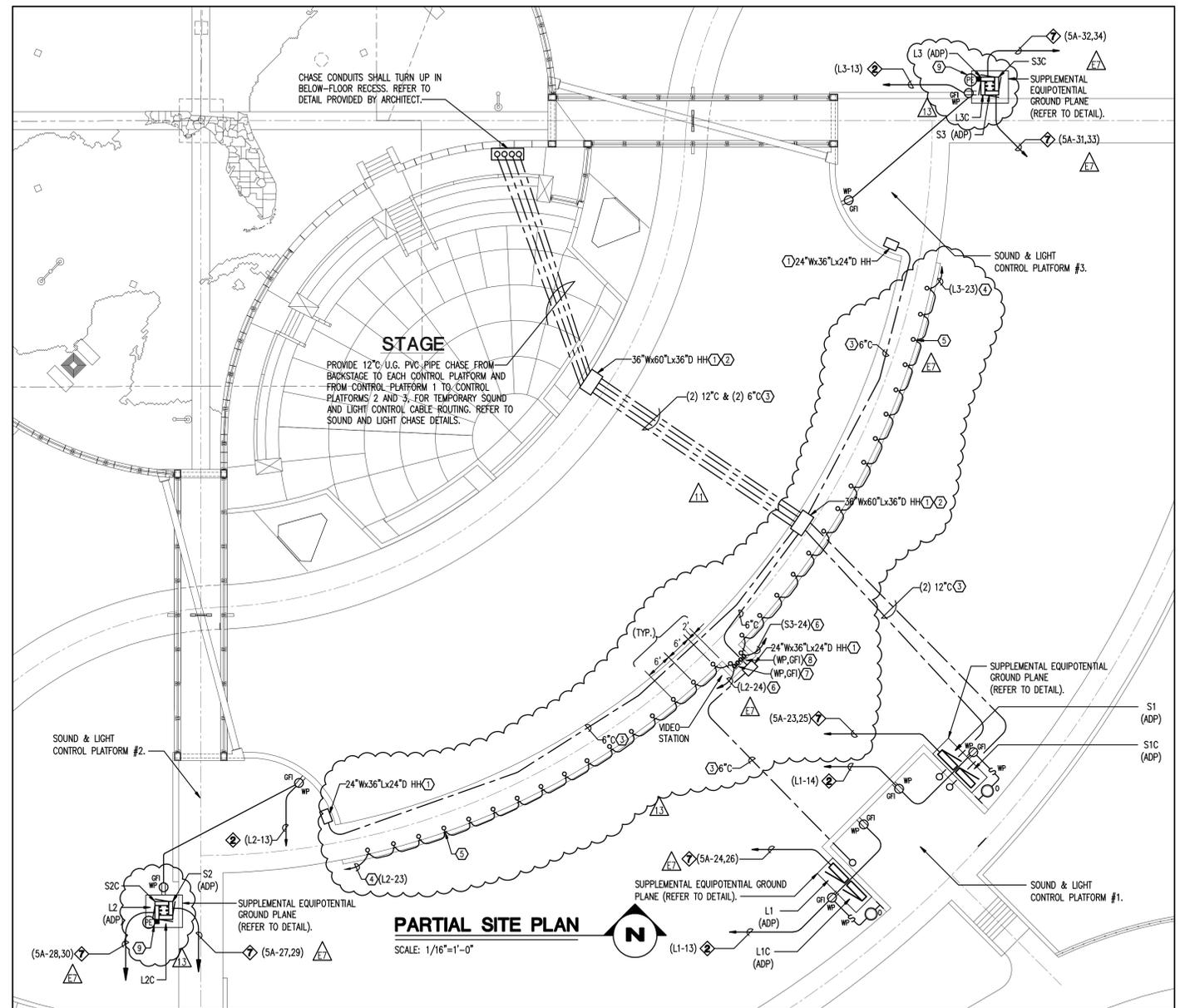
**TOP VIEW MOUNTING DETAIL SOUND & LIGHT CONTROL PLATFORM 2 & 3 ELECTRIC PANELS**  
NOT TO SCALE



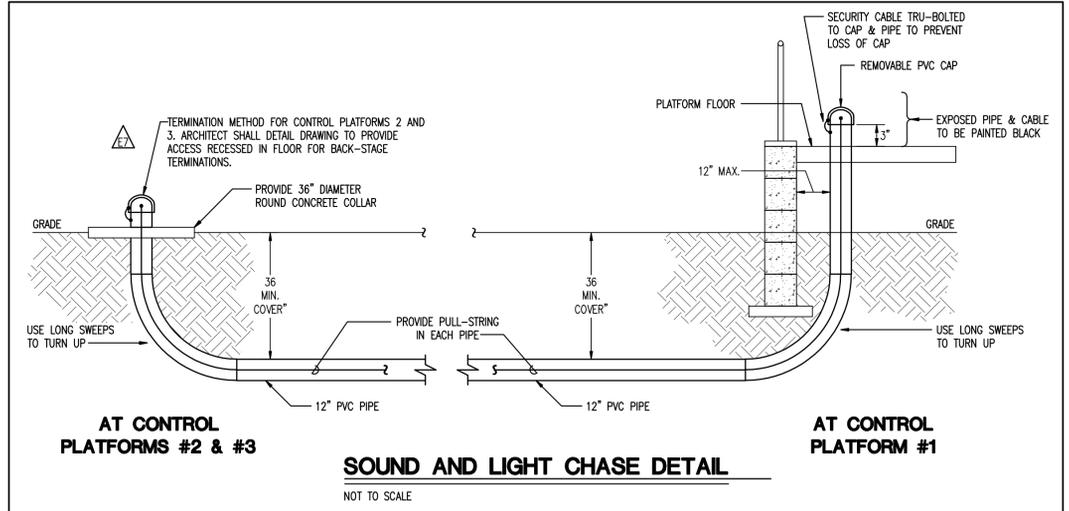
**SUPPLEMENTAL EQUIPOTENTIAL PLANE DETAIL**  
NOT TO SCALE



**SIDE VIEW MOUNTING DETAIL SOUND & LIGHT CONTROL PLATFORM 2 & 3 ELECTRIC PANELS**  
NOT TO SCALE



**PARTIAL SITE PLAN**  
SCALE: 1/16"=1'-0"



**SOUND AND LIGHT CHASE DETAIL**  
NOT TO SCALE

- ESI #E-11 WORK NOTES:**
- PROVIDE A HANDHOLE OF THE SIZE INDICATED WITH TOP FLUSH WITH SURROUNDING GRADE OR SIDEWALK SURFACE. HANDHOLE SHALL BE CLOSED-BOTTOM, CONCRETE POLYMER WITH A TIER-15 RATED COVER. DEPTH OF HOLE INDICATED IS MINIMUM. ADDITIONAL STACKED SECTIONS MAY BE REQUIRED DUE TO DEPTH OF CONDUIT. CORE-DRILL HOLES AS REQUIRED. PROVIDE QUARTZITE, NEW BASIS OR EQUAL. HANDHOLES ARE ILLUSTRATED HERE IN SCHEMATIC AND APPROXIMATE LOCATION. COORDINATE EXACT LOCATION AND TOP ELEVATION WITH SITE CIVIL/SURVEY.
  - LOWER SECTION OF HANDHOLE (AROUND CONDUIT) MAY BE CAST-IN-PLACE CONCRETE AT CONTRACTOR'S SELECTION. PROVIDE ENGINEER WITH SKETCH OF PROPOSED CONSTRUCTION FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
  - PROVIDE A PULL-STRING IN EACH SEGMENT OF PIPE.
- ESI #E-13 WORK NOTES:**
- PROVIDE (1) 3/4" WITH 1 #12, 1 #12 N & 1 #12 G THRU LIGHTING CONTACTOR TO PANEL AND CIRCUIT INDICATED.
  - PROVIDE LIGHT FIXTURES (BETA-CALCO/GHIDINI #820-7510-AG-RH-663) MOUNTED ON FACE OF SEAT WALL WITH ELECTRICAL CONDUIT EXTENDED THRU WALL. COORDINATE ROUGH-IN ELECTRICAL WITH WALL CONSTRUCTION PER LIGHTING MANUFACTURER'S GUIDELINES. MOUNT FIXTURE WITH CENTERLINE AT 14" AFF. SEAL CONDUIT PENETRATIONS OF WALL TO PREVENT MOISTURE INTRUSION. (TYP.)
  - PROVIDE (1) 3/4" WITH 1 #10, 1 #10 N & 1 #10 G TO PANEL AND CIRCUIT INDICATED. PROVIDE NEW 20A/1P CIRCUIT BREAKER IN EXISTING PANEL INDICATED.
  - PROVIDE TWO DUPLEX, WP, GFI, ELECTRICAL RECEPTACLES INSET IN BACK WALL OF VIDEO STATION WITH METAL, WEATHERPROOF-IN-USE COVERS. PAINT COVERS BLACK. PROVIDE ENGRAVED PERMANENTLY ATTACHED LABEL INDICATING "LIGHTING POWER ONLY" ON EXTERIOR OF EACH COVER. CENTERLINE OF RECEPTACLES SHALL BE 14" AFF. COORDINATE ROUGH-IN ELECTRICAL WITH WALL CONSTRUCTION.
  - PROVIDE TWO DUPLEX, WP, GFI ELECTRICAL RECEPTACLES INSET IN BACK WALL OF VIDEO STATION WITH METAL, WEATHERPROOF-IN-USE COVERS. PAINT COVERS BLACK. PROVIDE ENGRAVED PERMANENTLY ATTACHED LABEL INDICATING "SOUND POWER ONLY" ON EXTERIOR OF EACH COVER. CENTERLINE OF RECEPTACLES SHALL BE 14" AFF. COORDINATE ROUGH-IN ELECTRICAL WITH WALL CONSTRUCTION.
  - PROVIDE A NEMA 3R JUNCTION BOX AT PANELS "L2" AND "L3" SIZED TO HOUSE THE CONTACTORS, CONDUIT AND CONDUCTORS. PROVIDE TWO 30A/1P CONTACTORS IN EACH (ONE IN EACH IS SPARE) WITH A PHOTO CONTROL ON EACH. PROVIDE A NEW 20A/1P CIRCUIT BREAKER IN EACH PANEL ("L2" AND "L3") FOR CONTROL VOLTAGE. PROVIDE CONTROL WIRING AS INDICATED IN DETAIL ON SHEET E04.03.

**CONDUIT AND CONDUCTOR SCHEDULE**

NUMBERED INDICATOR	RACEWAY	CONDUCTORS
1	(1) 1-1/4" C.	3 #6 CU, 1 #6 CU. NEUTRAL & 1 #6 CU. GND.
2	(1) 3/4" C.	1 #10 CU, 1 #10 CU. NEUTRAL & 1 #10 CU. GND.
3	(1) 1-1/2" C.	3 #2 CU, 1 #2 CU. NEUTRAL & 1 #8 CU. GND.
4	(1) 1" C.	3 #10 CU, 1 #10 CU. NEUTRAL & 1 #10 CU. GND.
5	(1) 1-1/4" C.	2 #10 CU, 2 #10 CU. NEUTRAL & 1 #10 CU. GND.
6	(1) 1-1/2" C.	2 #1 CU, 1 #1 CU. NEUTRAL & 1 #8 CU. GND.
7	(1) 2" C.	2 #1/0 CU, 1 #1/0 CU. NEUTRAL & 1 #6 CU. GND.
8	(1) 3/4" C.	1 #8 CU, 1 #8 CU. NEUTRAL & 1 #12 CU. GND.
9	(1) 2-1/2" C.	3 #4/0 CU, 1 #4/0 CU. NEUTRAL & 1 #6 CU. GND.
10	(1) 2" C.	3 #2/0 CU, 1 #2/0 CU. NEUTRAL & 1 #6 CU. GND.

**STAGE SOUND AND LIGHTING POWER DETAIL**

**CAPITAL CASCADE TRAIL CONSTRUCTION PLANS**

SHEET TITLE: E04.03r2

PROJECT NAME: CAPITAL CASCADE TRAIL CONSTRUCTION PLANS

PROJECT NUMBER: BP20-006

DATE: 10/22/2009

SCALE: 1-1

DRAWN BY: NH

CHECKED BY: RNF

DESIGNED BY: RNF

REVISIONS:

NO.	DATE	DESCRIPTION	BY	CHKD
1	10-17-12	ES #E13	ES #E13	ES #E13
2	10-17-12	ES #E11	ES #E11	ES #E11
3	10-17-12	ES #E7	ES #E7	ES #E7