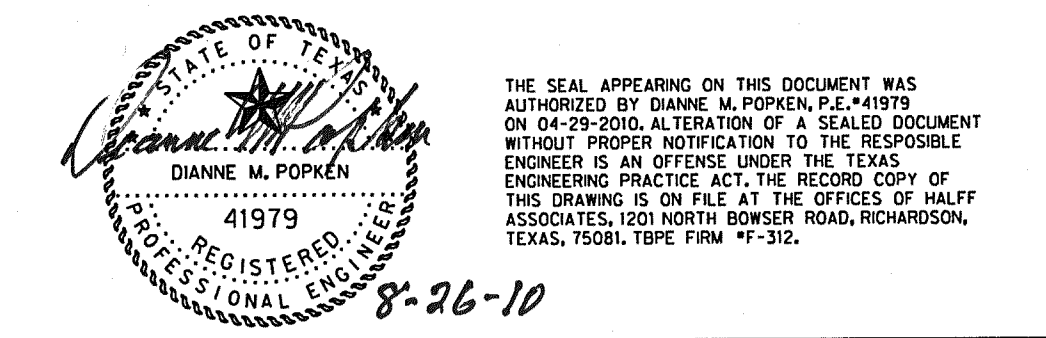
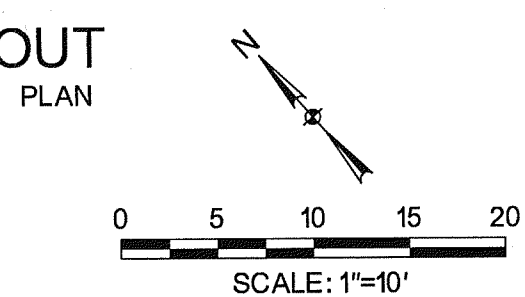


- GENERAL NOTES**
- A. THE LIGHTING DESIGN FOR THE NEW SOUTH PEDESTRIAN BRIDGE WILL REQUIRE SOME CHANGES TO THE PARK LIGHTING & ELECTRICAL DESIGN REPRESENTED ON SHEET C803 OF THE PARK AND STREETSCAPE IMPROVEMENTS FOR THE VITRUVIAN PARK PUBLIC INFRASTRUCTURE-PHASE 1C AND TO SHEET 52 OF THE STREET LIGHT AND CONDUIT PLAN OF THE PAVING, DRAINAGE, & UTILITY IMPROVEMENTS, VITRUVIAN PARK PUBLIC INFRASTRUCTURE-PHASE 1B. THE NECESSARY CHANGES IN THE 1B AND 1C DESIGN WILL BE PERFORMED BY THE CONTRACTOR FOR PHASES 1B AND 1C. THE CHANGES ARE REPRESENTED ON THIS DESIGN PLAN SO THE CONTRACTOR WILL HAVE ACCESS TO THE RELEVANT DATA FOR CONSTRUCTION COORDINATION.
 - B. THE STAIRS, RAMPS, AND ROADWAYS BEYOND THE BRIDGE ARE CONSTRUCTED UNDER ANOTHER PHASE OF WORK AND ARE NOT IN THIS CONTRACT.
 - C. PROVIDE ALL FIXTURES, RACEWAYS, CONDUCTORS, AND ACCESSORIES SCHEDULED AND SPECIFIED FOR THE BRIDGE.
 - D. COORDINATE INSTALLATION WITH THE BRIDGE CONSTRUCTION.
 - E. POWER TO THE PONTE BRIDGE IS IN BOTH THE PHASE 1B AND 1C CONTRACTS. REFERENCE THE LEGEND NOTES FOR THE SPECIFIC LIMITS OF CONSTRUCTION UNDER THIS CONTRACT.
 - F. COORDINATE THE CONNECTION OF THE BRIDGE CIRCUITS TO THE PHASE 1B AND 1C CIRCUITS WITH THE PHASE 1B AND 1C CONTRACTORS.
 - G. ALL CONDUITS SHALL BE CONCEALED IN THE BRIDGE CONSTRUCTION UNLESS OTHERWISE NOTED OR DETAILED. CONDUIT IN CONCRETE SHALL BE SCHEDULE 40 PVC. ALL EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL.
 - H. SUBMIT SHOP DRAWINGS FOR MOUNTING OF ALL FIXTURES AND THE ROUTE OF CONDUITS IN AND ON THE BRIDGE CONSTRUCTION.
 - I. REFERENCE SHEET C812 OF THE PARK INFRASTRUCTURE-PHASE 1C FOR CIRCUITS TO THE BRIDGE LIGHTING AND RECEPTACLES. PARK CONTRACTOR WILL MAKE FINAL CONNECTIONS OF THE BRIDGE CIRCUITS TO THE PARK CIRCUITS.
 - J. PROVIDE CONDUIT EXPANSION FITTINGS WHERE CONDUIT CROSSES BRIDGE EXPANSION JOINTS.

- LEGEND NOTES**
1. TEN STEP LIGHT FIXTURES TYPE SC, SHOWN ON SHEET C802 OF THE PHASE 1C DRAWINGS WILL BE DELETED FROM THE PHASE 1C CONTRACT.
 2. PROVIDE FIXTURES TYPE A. REFERENCE DETAIL 01/E1.03 AND STRUCTURAL SHEETS FOR MOUNTING POLE ON WING WALL. ROUTE 2 #6, #8G, 1/4" DOWN IN WINGWALL THROUGH ABUTMENT TO JUNCTION BOX. PROVIDE IN-LINE 20 AMP FUSE IN BASE OF FIXTURE.
 3. PROVIDE FLOOD LIGHTS TYPE D. REFERENCE DETAIL 02/E1.03 FOR MOUNTING CONCEALED CONDUIT AND FLUSH MOUNTED JUNCTION BOX IN EDGE OF BRIDGE.
 4. A PEDOC PEDESTAL COMPLETE WITH GFIC RECEPTACLES WILL BE PROVIDED BY THE PARK PHASE 1C CONTRACTOR. STUB UP A 3/4" AT THE PEDESTAL LOCATION AND EXTEND BACK TO THE BRIDGE RECEPTACLE JUNCTION BOX. THE PARK PHASE 1C CONTRACTOR WILL PROVIDE ALL CONDUCTORS TO THE RECEPTACLES.
 5. PROVIDE FIXTURES TYPE E, LINEAR FIXTURE MOUNTED VERTICALLY TO LIGHT OUTSIDE OF ARCH BELOW BRIDGE DECK. REFERENCE LANDSCAPE DETAIL OF FIXTURE RECESSED IN STONE ON BRIDGE ABUTMENT. ROUTE CONDUIT IN MORTAR BEHIND STONE AND UP TO J-BOX ON BEAM SHELF.
 6. FIXTURES TYPE SA ARE PROVIDED UNDER THE PARK IMPROVEMENTS CONTRACT-PHASE 1C. FLOOD LIGHTS WILL BE ADDED TO EACH POLE AND FOCUSED ON THE UPPER PART OF THE OUTSIDE OF THE ARCH. REFERENCE PARK FIXTURE SCHEDULE SHEET EQ-01.
 7. ALL CONDUIT ON THE BRIDGE SHALL BE RIGID STEEL GALVANIZED. JUNCTION BOXES SHALL BE MALLEABLE IRON WITH HUBS FOR THREADED RIGID STEEL CONDUIT WITH WEATHERPROOF CAST COVER AND NEOPRENE GASKET.
 8. PROVIDE FIXTURES TYPE F MOUNTED ON ROADWAY BEAM SHELF. REF. STRUCTURAL DETAIL ON SHEET S1-07. ROUTE CIRCUIT ALONG THE BACK OF BRIDGE BEAM SHELF TO J-BOX.

- LEGEND NOTES (CONTINUED)**
9. LOCATE JUNCTION BOX ON BRIDGE BEAM SHELF BETWEEN BEAMS. FOR BOTH 120V AND 240V CIRCUITS.
 10. ROUTE 240V CIRCUIT TO FIXTURES TYPE D AND THEN TO JUNCTION BOX ON LEDGE BETWEEN BEAMS. CIRCUIT SHALL BE 2*10, #10G, MINIMUM 1/2" C.
 11. CONNECT 1/4" C FROM STREET LIGHT JUNCTION BOX TO THE 1/4" SCH 80 PVC SHOWN ON C812 FOR PHASE 1C. THE PHASE 1C CONTRACTOR WILL PROVIDE CONDUCTORS TO THE JUNCTION BOX ON THE BRIDGE.
 12. CONNECT 2" C FROM RECEPTACLE JUNCTION BOX TO 2" SCH. 80 PVC SHOWN ON C812 FOR PHASE 1C. PARK CONTRACTOR WILL PROVIDE CONDUCTORS TO JUNCTION BOX.
 13. PROVIDE CONDUIT BETWEEN THE BRIDGE ACCENT LIGHTING JUNCTION BOX AND THE STREET LIGHT JUNCTION BOX WITH 2 #10, #10G, IN MINIMUM 3/4" C JUMPER CIRCUIT FOR POSSIBLE FUTURE CONNECTION OF THE TYPE F UNDER-BRIDGE LIGHTS TO THE STREET LIGHT CIRCUIT.
 14. CONNECT 1/4" C FROM ACCENT LIGHTING JUNCTION BOX TO THE 1/4" SCH 40 PVC SHOWN ON C812 FOR PHASE 1C. THE PHASE 1C CONTRACTOR WILL PROVIDE CONDUCTORS TO THE FIRST JUNCTION BOX ON THE BRIDGE.
 15. PROVIDE 2 #6, #8G, 1/4" C BETWEEN THE BRIDGE ACCENT LIGHT JUNCTION BOXES. ROUTE ALONG BEAM SHELF.
 16. PROVIDE 2 #6, #8, 1/4" C BETWEEN THE BRIDGE STREET LIGHT JUNCTION BOXES. ROUTE ALONG THE UNDER SIDE OF THE SPACE BETWEEN BRIDGE BEAMS.
 17. PROVIDE CONDUIT FROM STREET LIGHT JUNCTION BOX THROUGH ABUTMENT AND UNDERGROUND BEYOND STAIRS FOR CONNECTION TO ACCENT LIGHTING POWER SOURCE SHOWN ON STREET LIGHTING SHEET C812. PHASE 1C CONTRACTOR WILL PROVIDE CONDUCTORS TO BRIDGE JUNCTION BOX.
 18. PROVIDE CONDUIT ONLY BETWEEN THE BRIDGE RECEPTACLE JUNCTION BOXES. ROUTE ALONG THE UNDER SIDE OF THE SPACE BETWEEN BRIDGE BEAMS. THE PHASE 1C CONTRACTOR WILL PROVIDE CONDUCTORS BETWEEN JUNCTION BOXES.
 19. STUB OUT 1" C FROM ACCENT LIGHT JUNCTION BOX TO A POINT 5' BEYOND STAIRS FOR BRIDGE ACCENT LIGHT CIRCUIT TO PARK POLE SA.

01 ELECTRICAL SITE LAYOUT
SCALE: 1"=10'-0"



5	ADDENDUM	DMP	8-18-10
NO.	REVISION	BY	DATE
VITRUVIAN PARK BRIDGES PONTE AVENUE			
ELECTRICAL PLAN			
1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 346-8200 FAX (214) 739-0095			
PROJECT	DESIGN	DRAWN	DATE
27379	DMP	AHH	APRIL 2010
FILE	SHEET		
-	E1-01		