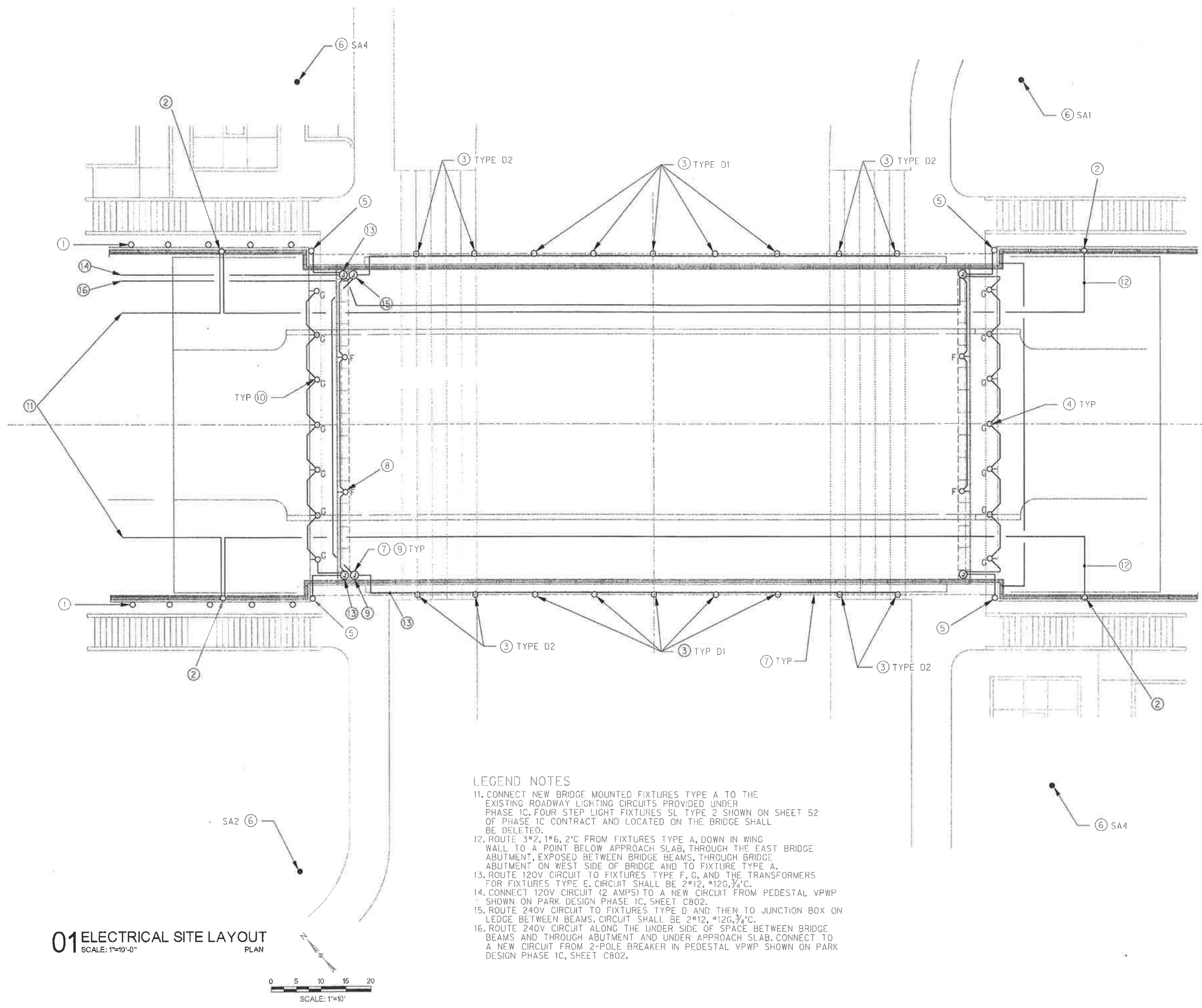


USER: ah2481  
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 PROJECT: 27379  
 FILE: E101-SP-Ponte-27379.dgn  
 TIME: 7:07:12 PM  
 DATE: 4/28/2010

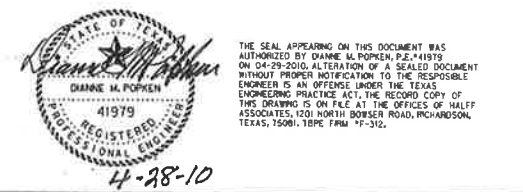
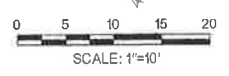


- GENERAL NOTES**
- THE LIGHTING DESIGN FOR THE NEW SOUTH PEDESTRIAN BRIDGE WILL REQUIRE SOME CHANGES TO THE PARK LIGHTING & ELECTRICAL DESIGN REPRESENTED ON SHEET C803 OF THE PARK AND STREETScape IMPROVEMENTS FOR THE VITRUVIAN PARK PUBLIC INFRASTRUCTURE-PHASE 1C AND TO SHEET 52 OF THE STREET LIGHT AND 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.
  - THE STAIRS, RAMPS, AND ROADWAYS BEYOND THE BRIDGE ARE CONSTRUCTED UNDER ANOTHER PHASE OF WORK AND ARE NOT IN THIS CONTRACT.
  - PROVIDE ALL FIXTURES, RACEWAYS, CONDUCTORS, AND ACCESSORIES SCHEDULED AND SPECIFIED FOR THE BRIDGE.
  - COORDINATE INSTALLATION WITH THE BRIDGE CONSTRUCTION.
  - 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.
  - COORDINATE THE CONNECTION OF THE BRIDGE CIRCUITS TO THE PHASE 1B AND 1C CIRCUITS WITH THE PHASE 1B AND 1C CONTRACTORS.
  - 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 SECTION.
  - SUBMIT SHOP DRAWINGS FOR MOUNTING OF ALL FIXTURES AND THE ROUTE OF CONDUITS IN AND ON THE BRIDGE CONSTRUCTION.

- LEGEND NOTES**
- TEN STEP LIGHT FIXTURES TYPE SC, SHOWN ON SHEET C802 OF THE PHASE 1C DRAWINGS WILL BE DELETED FROM THE PHASE 1C CONTRACT.
  - PROVIDE FIXTURES TYPE A. REFERENCE DETAIL 01/E1.03 AND STRUCTURAL SHEETS FOR MOUNTING POLE ON WING WALL. ROUTE CONDUIT DOWN IN WINGWALL THROUGH ABUTMENT, AND UNDER SPACE BETWEEN BRIDGE BEAMS. REFERENCE STRUCTURAL.
  - PROVIDE FLOOD LIGHTS TYPE D. REFERENCE DETAIL 02/E1.03 FOR MOUNTING FIXTURE ON EDGE OF BRIDGE.
  - NOT USED.
  - 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.
  - FIXTURES TYPE SA1, SA2, AND SA4 ARE PROVIDED UNDER THE PARK IMPROVEMENTS CONTRACT-PHASE 1C. TWO 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 E0.01.
  - 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.
  - 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.
  - LOCATE JUNCTION ON BRIDGE BEAM SHELF BETWEEN BEAMS. FOR BOTH 120V AND 240V CIRCUITS.
  - PROVIDE FIXTURES TYPE G RECESS WALL MOUNTED AT WALKWAY UNDER BRIDGE. REFERENCE SHEET E1.02 AND LANDSCAPE ELEVATIONS OF WALL. ROUTE CONDUIT CONCEALED IN ABUTMENT TO 120V J-BOX.

- LEGEND NOTES**
- CONNECT NEW BRIDGE MOUNTED FIXTURES TYPE A TO THE EXISTING ROADWAY LIGHTING CIRCUITS PROVIDED UNDER PHASE 1C. FOUR STEP LIGHT FIXTURES SL TYPE 2 SHOWN ON SHEET 52 OF PHASE 1C CONTRACT AND LOCATED ON THE BRIDGE SHALL BE DELETED.
  - ROUTE 3"2, 1"6, 2"0 FROM FIXTURES TYPE A, DOWN IN WING WALL TO A POINT BELOW APPROACH SLAB, THROUGH THE EAST BRIDGE ABUTMENT, EXPOSED BETWEEN BRIDGE BEAMS, THROUGH BRIDGE ABUTMENT ON WEST SIDE OF BRIDGE AND TO FIXTURE TYPE A.
  - ROUTE 120V CIRCUIT TO FIXTURES TYPE F, G, AND THE TRANSFORMERS FOR FIXTURES TYPE E. CIRCUIT SHALL BE 2"12, #12G, 3/4" C.
  - CONNECT 120V CIRCUIT (2 AMPS) TO A NEW CIRCUIT FROM PEDESTAL VPWP SHOWN ON PARK DESIGN PHASE 1C, SHEET C802.
  - ROUTE 240V CIRCUIT TO FIXTURES TYPE D AND THEN TO JUNCTION BOX ON LEDGE BETWEEN BEAMS. CIRCUIT SHALL BE 2"12, #12G, 3/4" C.
  - ROUTE 240V CIRCUIT ALONG THE UNDER SIDE OF SPACE BETWEEN BRIDGE BEAMS AND THROUGH ABUTMENT AND UNDER APPROACH SLAB. CONNECT TO A NEW CIRCUIT FROM 2-POLE BREAKER IN PEDESTAL VPWP SHOWN ON PARK DESIGN PHASE 1C, SHEET C802.

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



NO.	REVISION	BY	DATE
<b>ADDISON</b> TOWN OF ADDISON DALLAS COUNTY, TEXAS  VITRUVIAN PARK BRIDGES PONTE AVENUE  <b>ELECTRICAL PLAN</b>			
<b>HALFF</b> 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 348-8200 FAX (214) 730-0066			
PROJECT	DESIGN	DRAWN	DATE
27379	DMP	AHH	APRIL 2010
FILE	SHEET		
-	E1-01		