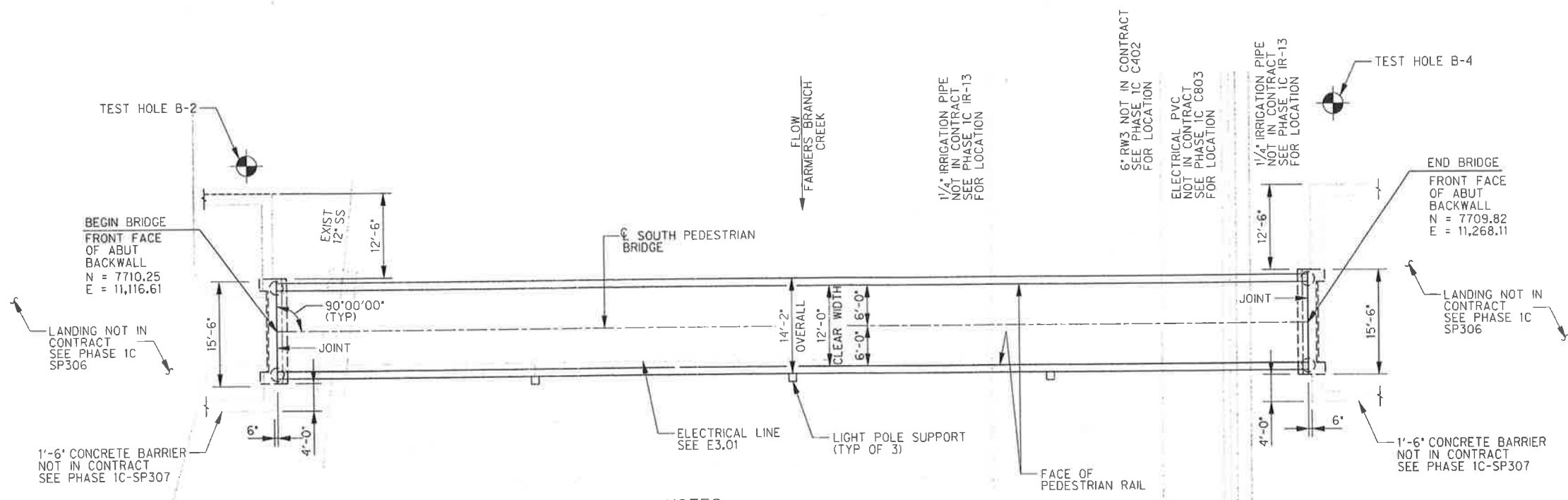


USER: ch2454  
 OFFICE: RCH  
 PROJECT # 27379  
 FILE: 27379-SC-PEDSOU-BL01.dgn  
 TIME: 10:57:04 PM  
 DATE: 4/28/2010



**NOTES:**  
 1. OVERALL BRIDGE DIMENSION SUBJECT TO CHANGE. DIMENSION BASED ON PREFABRICATED BRIDGE DESIGN.

**PLAN**  
 SCALE: 1" = 10'-0"

- DESIGN NOTES:**
- BRIDGE DESIGNED FOR PEDESTRIAN LOADING ONLY. LL = 85 PSF
  - TEST HOLE DATA PROVIDED BY GEOTEL ENGINEERING, INC. REPORT No. E08-130 DATED MARCH 6, 2008. TEST HOLE LOCATIONS ARE APPROXIMATE.
  - CONTRACTOR SHALL LOCATE ALL UTILITIES AND INFORM THE ENGINEER IN WRITING OF ANY CONFLICTS PRIOR TO BEGINNING CONSTRUCTION.
  - DESIGN LOADS (ESTIMATES FROM BRIDGE MANUFACTURER): HORIZONTAL ABUTMENT REACTION = 21.53K VERTICAL ABUTMENT REACTION = 98.06K
  - CONTRACTOR TO VERIFY ABUTMENT BACKWALL TO ABUTMENT BACKWALL LENGTH WITH BRIDGE MANUFACTURER.
  - MODIFIED LANDING DIMENSIONS SHOWN IN PLAN VIEW. REFER TO PHASE 1C - SP306 FOR OTHER LANDING DIMENSIONS
  - LIGHT POLE SUPPORTS SHALL BE LOCATED ON VERTICAL TRUSS MEMBERS AT APPROXIMATE BRIDGE QUARTER POINTS. TOP OF SUPPORT SHALL BE AT THE SAME ELEVATION AS THE TOP OF DECKING. EXACT LOCATION TO BE CONFIRMED IN SHOP DRAWING.

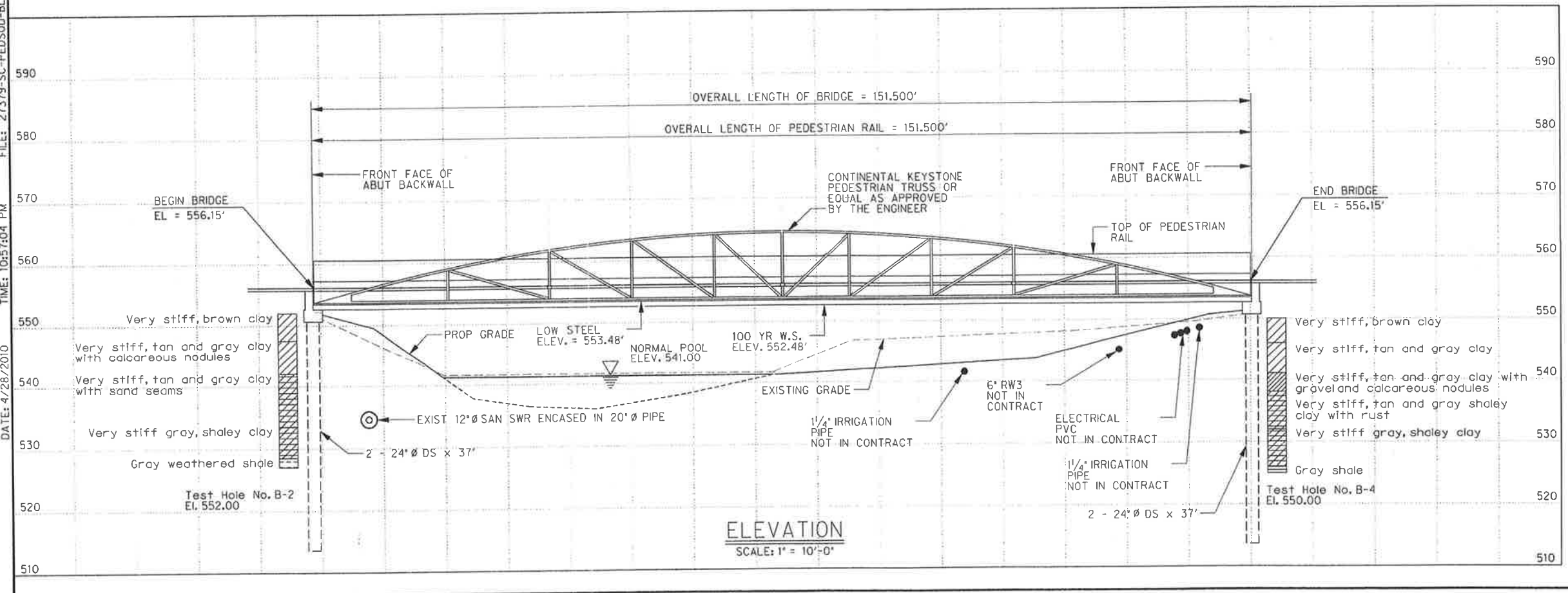
- FOUNDATION NOTES:**
- ALL DRILLED SHAFTS AT ABUTMENTS ARE DESIGNED FOR COMBINED SKIN FRICTION AND POINT BEARING.
  - FOUND DRILLED SHAFTS AT THE DEPTHS SHOWN OR DEEPER AS NECESSARY TO PENETRATE DARK SHALE A MINIMUM OF 8'-0".

**FARMERS BRANCH CREEK  
 HYDRAULIC DATA**

100 YEAR FLOOD (PROPOSED)  
 Q = 8,944 cfs  
 V = 9.11 fps  
 HW = 552.48'



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY ERIC S. CHRISTENSEN, P.E. #85412 ON 04-29-2010. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT. THE RECORD COPY OF THIS DRAWING IS ON FILE AT THE OFFICES OF HALFF ASSOCIATES, 101 NORTH BOWSER ROAD, RICHARDSON, TEXAS, 75081, TYPE FIRM 17-312.



**ELEVATION**  
 SCALE: 1" = 10'-0"

NO.	REVISION	BY	DATE
<b>TOWN OF ADDISON</b> DALLAS COUNTY, TEXAS			
<b>VITRUVIAN PARK BRIDGES</b> SOUTHERN PEDESTRIAN BRIDGE			
<b>BRIDGE LAYOUT</b> <b>PLAN AND ELEVATION</b>			
<b>HALFF</b> 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2276 TEL (214) 946-8200 FAX (214) 739-0096			
PROJECT	DESIGN	DRAWN	DATE
27379	ESC	AHH	APRIL 2010
FILE	SHEET		
-	S3-01		