

USER: ah2140

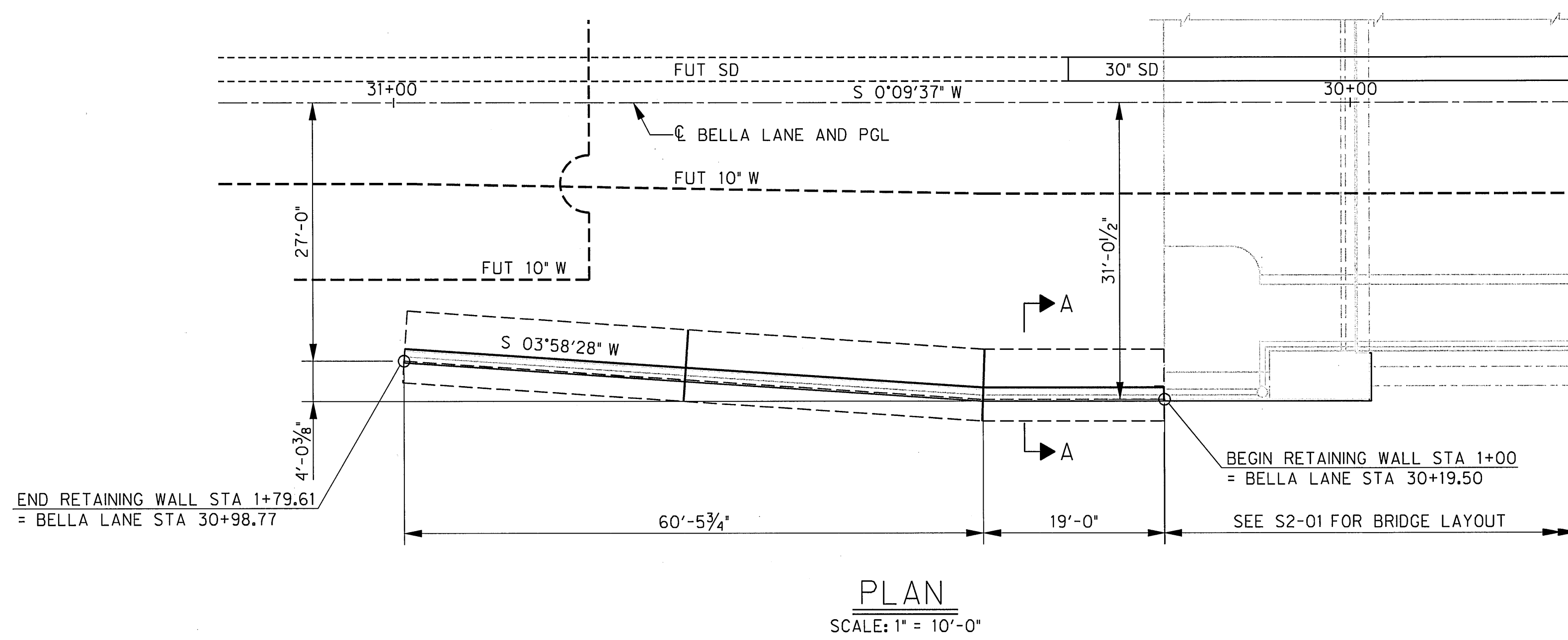
OFFICE: RCH

PROJECT # 27379

FILE: 27379-SC-BELLAB-RT01.dgn

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DATE: 8/18/2010



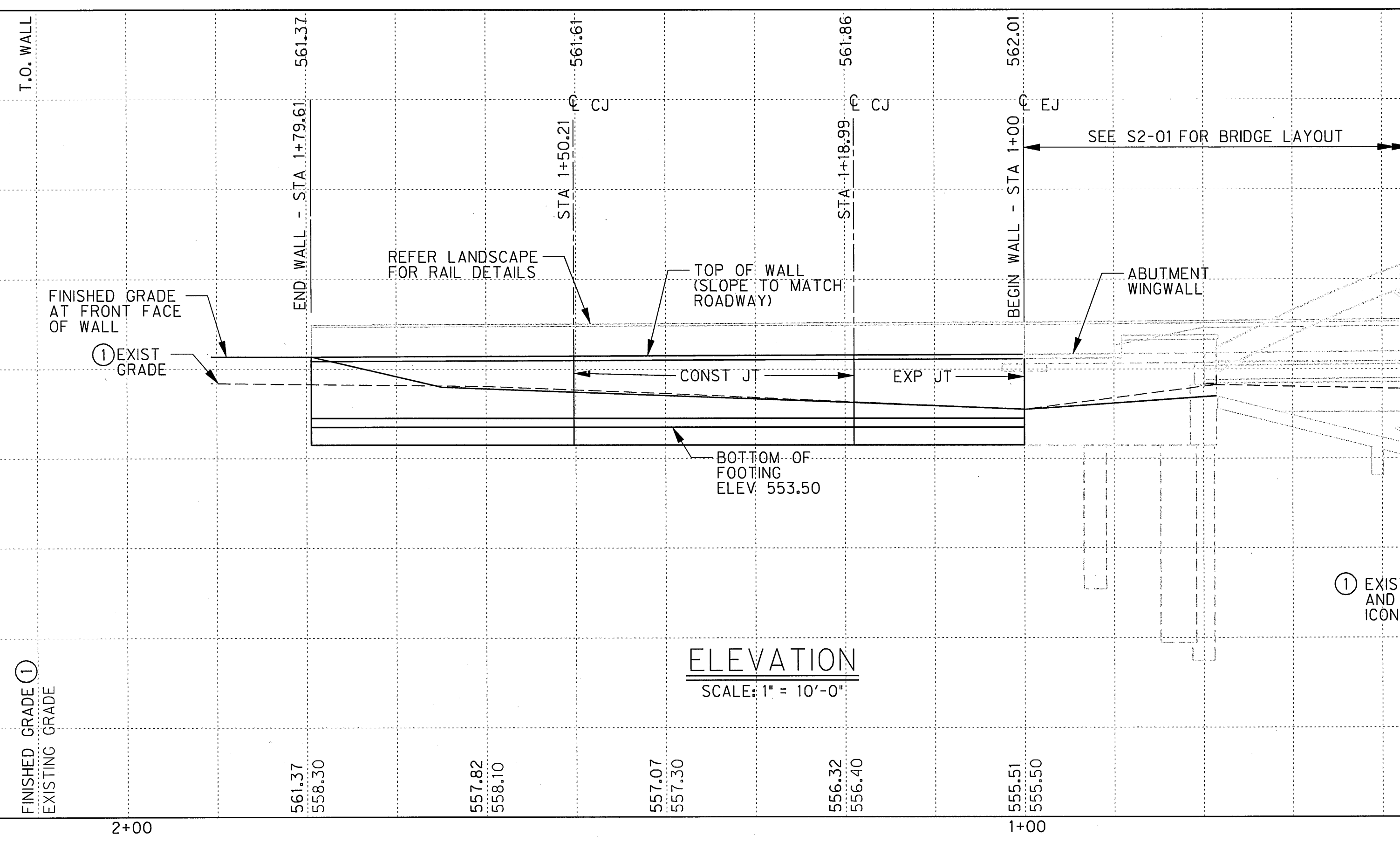
PLAN
SCALE: 1" = 10'-0"

GENERAL NOTES:

- ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THESE DRAWINGS AND TxDOT 2004 SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND BRIDGES (ITEM 423).
- CONTRACTOR SHALL LOCATE EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION OF THIS RETAINING WALL. CONTRACTOR SHALL NOTIFY OWNER OF ANY POTENTIAL CONFLICT IN A TIMELY MANNER (ITEM 400).
- CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACING AND SHORING OF ALL STRUCTURAL WORK AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.
- ALL CONCRETE SHALL BE CLASS C (ITEM 421) WITH A MINIMUM COMPRESSIVE STRENGTH EQUAL TO 3,600 PSI, AND COARSE AGGREGATE GRADE NOS. 2-5 ARE PERMITTED.
- ALL REINFORCING STEEL SHALL COMPLY WITH ASTM A615, GRADE 60.
- CONCRETE COARSE AGGREGATE SHALL BE GRADES 2 OR 3 (ITEM 421) AND SHALL BE WRAPPED AS SHOWN WITH FILTER FABRIC.
- FILTER FABRIC SHALL CONFORM TO TxDOT DEPARTMENTAL MATERIAL SPECIFICATION D-9-6200. FILTER FABRIC SPLICES SHALL HAVE A MINIMUM OVERLAP OF 18 INCHES.
- DESIGN OF RETAINING WALLS IS BASED ON THE FOLLOWING VALUES:

EQUIVALENT ACTIVE LATERAL FLUID PRESSURE	....	45 PCF
EQUIVALENT PASSIVE LATERAL FLUID PRESSURE	....	120 PCF
TOTAL SOIL UNIT WEIGHT	.....	130 PCF
ALLOWABLE SOIL BEARING PRESSURE	.....	1500 PSF
SURCHARGE	.....	250 PSF
- COMPACTION WITHIN FIVE FEET OF WALLS SHALL BE ACHIEVED WITH HAND COMPACTION EQUIPMENT. THE CONTRACTOR SHALL RELEVEL ALL AREAS OF BACKFILL WHERE SETTLEMENT OCCURS. THIS WORK SHALL BE CONSIDERED INCIDENTAL, AND NOT A SEPARATE PAY ITEM.
- WEEPHOLE COVERING SHALL BE ONE OF THE FOLLOWING MATERIAL TYPES:

A. GALVANIZED STEEL WIRE CLOTH WITH 1/2" TO 1/4" MESH, MINIMUM WIRE DIAMETER 1/16".
B. STAINLESS STEEL TYPE 304 OR 316 WIRE CLOTH WITH 1/2" TO 1/4" MESH, MINIMUM WIRE DIAMETER 1/16".
C. POLYETHYLENE OR POLYPROPYLENE GEONET WITH 1/8" MINIMUM THICKNESS SUCH AS TENSAR DN-4 OR EQUAL.
- GEOTECHNICAL INFORMATION IS BASED ON A REPORT NO. E08-130 AND NO. E10-129 BY GEOTEL ENGINEERING DATED MARCH 6, 2008 AND APRIL 22, 2010, RESPECTIVELY.
- SELECT FILL WITHIN INDICATED AREAS SHALL CONSIST OF PIT RUN MATERIAL WITH A LIQUID LIMIT LESS THAN 40 AND A PLASTICITY INDEX LESS THAN 15. ALL BACKFILL SHALL BE SPREAD IN 8 INCH LOOSE LIFTS AND UNIFORMLY COMPACTED TO 95 PERCENT OF MAXIMUM STANDARD PROCTOR (ASTM D698) DRY DENSITY BETWEEN -2 AND +2 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT.
- PAYMENT FOR CONCRETE RETAINING WALLS WILL BE MADE IN ACCORDANCE WITH ITEM 423.5 AT THE UNIT PRICE BID PER SQUARE FOOT OF RETAINING WALL.



ELEVATION
SCALE: 1" = 10'-0"

① EXISTING GRADES AND ELEVATIONS ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED BY ICON CONSULTING ENGINEERS, INC.



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Addendum #5		ESC	08/18/10
NO.	REVISION	BY	DATE
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
VITRUVIAN PARK BRIDGES BELLA LANE			
RETAINING WALL PLAN AND ELEVATION			
HALFF		1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 346-8200 FAX (214) 738-0095	
PROJECT	DESIGN	DRAWN	DATE
27379	ESC	AHH	APRIL 2010
FILE	SHEET		
-	S2-22		