

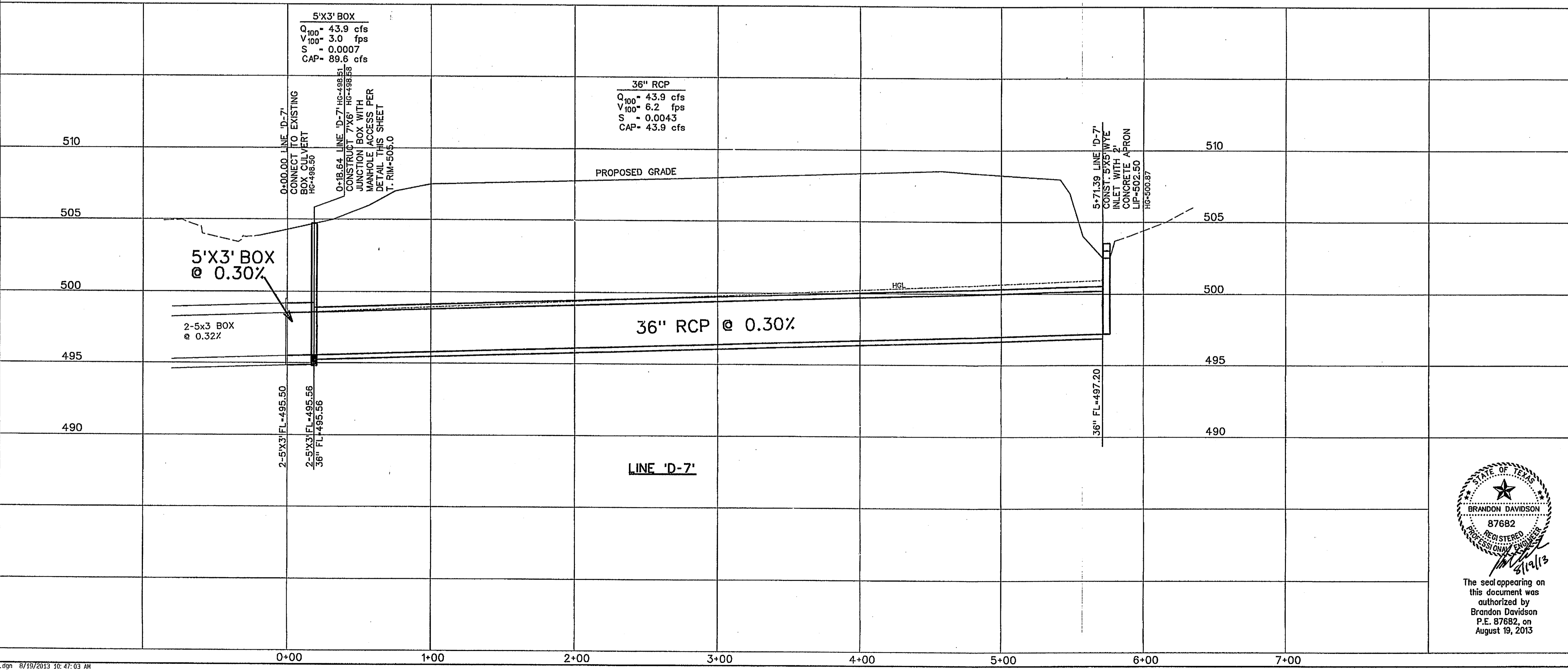
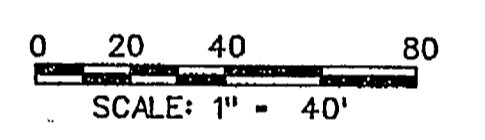
NOTES

- ALL CONCRETE SHALL BE LABORATORY DESIGNED AND CONTROLLED AND SHALL MEET THE REQUIREMENTS OF "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318). CONCRETE SHALL ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:
 COMPRESSIVE STRENGTH @ 28 DAYS - 4,200 PSI, 6.5 SACK (7.0 SACK IF HAND POURED)
 TYPE AGGREGATE + AIR ENTRAINMENT - HARD-ROCK + AIR
 USAGE - ALL CONCRETE
 AN AIR-ENTRAINING AGENT SHALL BE ADDED TO THE NOTED CONCRETE TO PROVIDE 3 TO 5 PERCENT AIR BY VOLUME.
- ALL REINFORCING SHALL BE DOMESTIC, NEW BILLET STEEL ASTM A615-GRADE 60. REINFORCING SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI 315). CULVERTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH TEXAS DEPARTMENT OF TRANSPORTATION STANDARDS FOR SINGLE BOX CULVERTS, CAST-IN-PLACE.
- GALVANIZE ALL STRUCTURAL STEEL EXPOSED TO WEATHER.
- DESIGN CRITERIA:
 A. BUILDING CODE - 2000 INTERNATIONAL BUILDING CODE
 B. DESIGN LIVE LOAD: HS20 HIGHWAY LOADING

LEGEND

- Ⓟ - BLOCK LABEL
- Ⓢ - INLET NUMBER
- ① - CURVE NUMBER
- - SANITARY SEWER
- ⊕ - WATER
- ▬ - PROPOSED STORM SEWER

CURVE NO.	STORM SEWER CURVE DATA		
	①	②	③
Δ	11° 29' 26"	•	•
R	1595.00'	'	'
T	160.48'	'	'
L	318.17'	'	'



RELEASED FOR CONSTRUCTION
 ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN
 REMAINS WITH THE DESIGN ENGINEER. THE CITY
 OF ROCKWALL, IN REVIEWING AND RELEASING
 PLANS FOR CONSTRUCTION, ASSUMES NO
 RESPONSIBILITY FOR ADEQUACY OR ACCURACY
 OF DESIGN.
 CITY _____ DATE _____



The seal appearing on this document was authorized by Brandon Davidson P.E. 87682, on August 19, 2013

CORWIN ENGINEERING, INC.
 200 W. BELMONT, SUITE E
 ALLEN, TEXAS 75013 (972) 396-1200
 TBPE FIRM #5951

**DEVELOPMENT PLANS FOR
 BREEZY HILL
 PHASE 2
 ROCKWALL, TEXAS**

**STORM SEWER PLAN AND PROFILE
 LINE 'D-7'**

DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JOB NUMBER	DATE	SCALE: HOR: 1"=40' VER: 1"=4'	21 of 25
13022	MAY 2013		