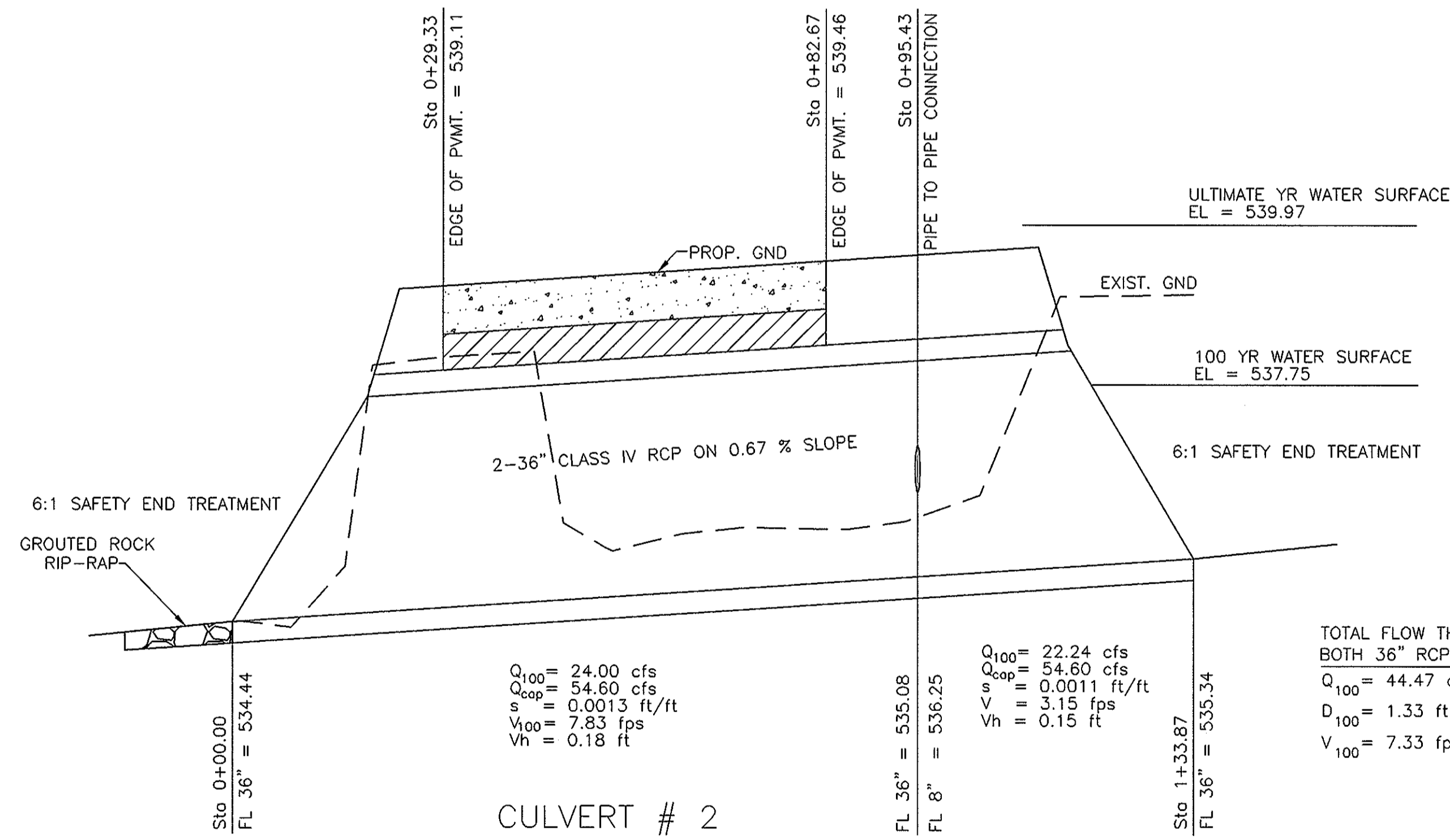


CULVERT #1
Scale: N.T.S.

$Q_{100} = 1.42$ cfs
 $D_{100} = 0.38$ cfs
 $V_{100} = 4.09$ cfs



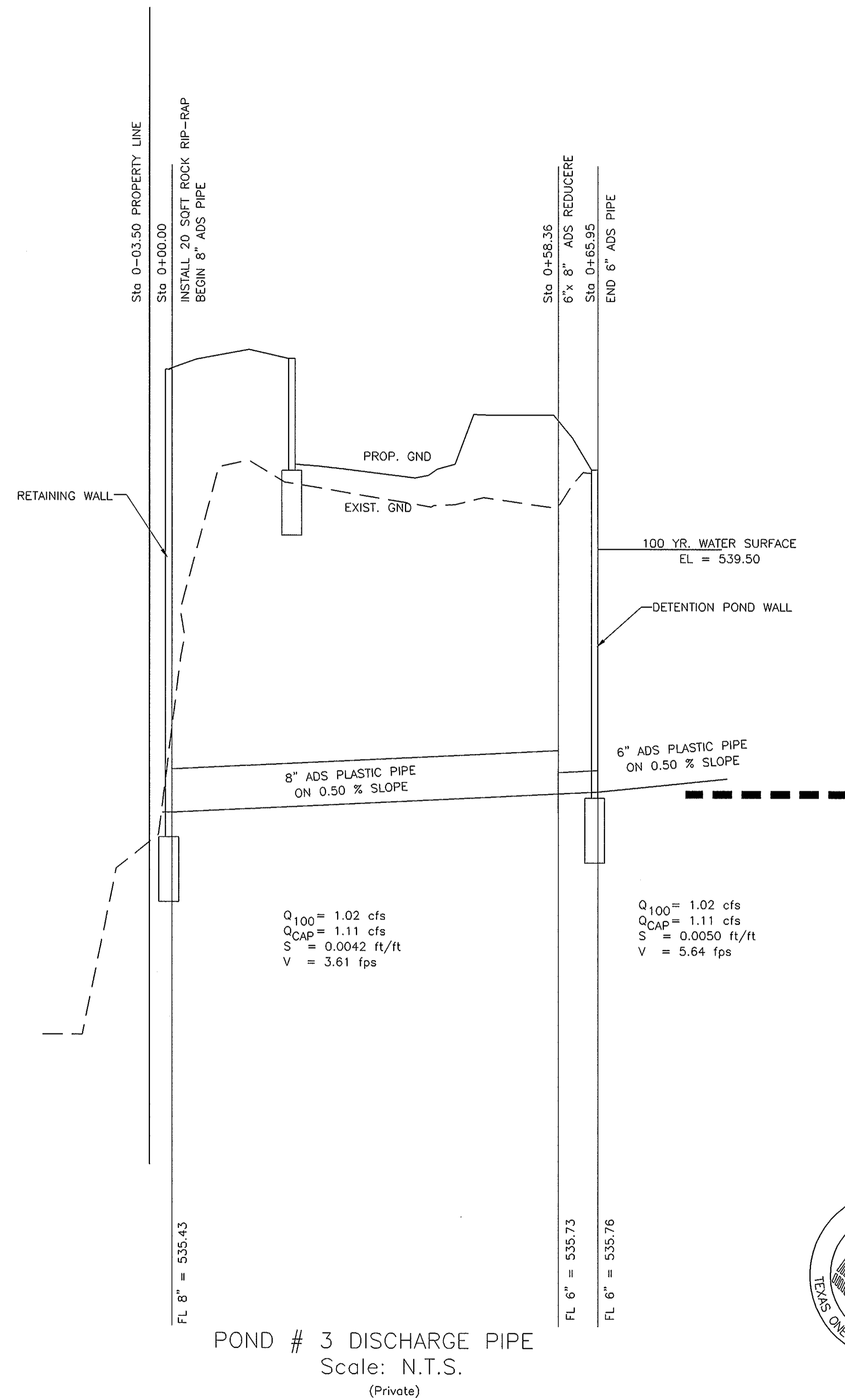
CULVERT #2
Scale: N.T.S.

$Q_{100} = 24.00$ cfs
 $Q_{cap} = 54.60$ cfs
 $s = 0.0013$ ft/ft
 $V_{100} = 7.83$ fps
 $V_h = 0.18$ ft

$Q_{100} = 22.24$ cfs
 $Q_{cap} = 54.80$ cfs
 $s = 0.0011$ ft/ft
 $V = 3.15$ fps
 $V_h = 0.15$ ft

TOTAL FLOW THRU BOTH 36" RCP's
 $Q_{100} = 44.47$ cfs
 $D_{100} = 1.33$ ft.
 $V_{100} = 7.33$ fps

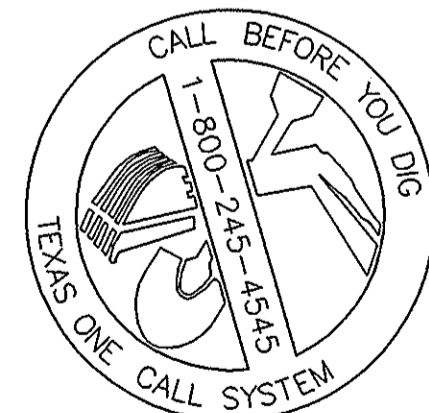
$Q_{ulti} = 115$ cfs
 $D_{ulti} = 2.46$ ft.
 $V_{ulti} = 9.28$ fps



POND # 3 DISCHARGE PIPE
Scale: N.T.S.
(Private)

$Q_{100} = 1.02$ cfs
 $Q_{CAP} = 1.11$ cfs
 $S = 0.0042$ ft/ft
 $V = 3.61$ fps

$Q_{100} = 1.02$ cfs
 $Q_{CAP} = 1.11$ cfs
 $S = 0.0050$ ft/ft
 $V = 5.64$ fps



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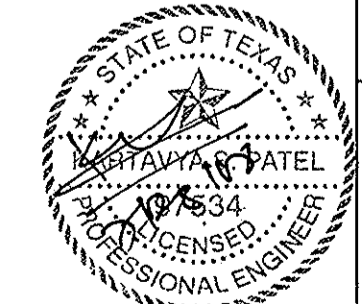
No.	DATE	REVISION / DESCRIPTION	BY	No.	DATE	REVISION / DESCRIPTION	BY

THE DIMENSION GROUP
CIVIL ENGINEERING • LAND DEVELOPMENT • PLANNING • ARCHITECTURE • CONSTRUCTION MANAGEMENT
10755 SANDHILL ROAD, DALLAS, TEXAS 75238 TEL: 214-343-9400 FAX: 214-341-9060

PROJECT INFO.
7-ELEVEN
NE.C. OF N. GOLIAD STREET
& FM 552
ROCKWALL, TEXAS

DRAWING INFO.
AS-BUILT
DRAINAGE CROSS-
SECTIONS

PROJECT No. 06127
DATE: 05/18/07
DRAWN BY: CS
CHECKED BY: RA



SHEET NUMBER
C4.3