

- LEGEND**
- (B) - BLOCK LABEL
 - (IN) - INLET NUMBER
 - (C) - CURVE NUMBER
 - (S) - SANITARY SEWER
 - (W) - WATER
 - (-) - PROPOSED STORM SEWER

18" RCP
 Q₁₀₀ = 7.8 cfs
 V₁₀₀ = 4.4 fps
 S = 0.0056
 CAP = 17.0 cfs
 PARTIAL FLOW

540	30" RCP Q ₁₀₀ = 49.0 cfs V ₁₀₀ = 10.0 fps S = 0.0143 CAP = 64.9 cfs PARTIAL FLOW	10+73.56 LINE 'D-2' 0+00.00 LINE 'D-3' CONST. STORM SEWER MANHOLE T. RIM = 532.85	540	30" RCP Q ₁₀₀ = 33.8 cfs V ₁₀₀ = 6.9 fps S = 0.0068 CAP = 33.8 cfs	540	30" RCP Q ₁₀₀ = 22.0 cfs V ₁₀₀ = 4.5 fps S = 0.0029 CAP = 29.0 cfs	540	24" RCP Q ₁₀₀ = 14.4 cfs V ₁₀₀ = 4.6 fps S = 0.0040 CAP = 18.0 cfs
535	24" RCP Q ₁₀₀ = 8.6 cfs V ₁₀₀ = 2.7 fps S = 0.0015 CAP = 36.5 cfs PARTIAL FLOW	11+05.00 LINE 'D-2' 18" LAT. IN 11+25.60 LINE 'D-2' END RCP @ INLET	535	30" RCP Q ₁₀₀ = 33.8 cfs V ₁₀₀ = 6.9 fps S = 0.0068 CAP = 33.8 cfs	535	30" RCP Q ₁₀₀ = 22.0 cfs V ₁₀₀ = 4.5 fps S = 0.0029 CAP = 29.0 cfs	535	24" RCP Q ₁₀₀ = 14.4 cfs V ₁₀₀ = 4.6 fps S = 0.0040 CAP = 18.0 cfs
530	30" RCP Q ₁₀₀ = 49.0 cfs V ₁₀₀ = 10.0 fps S = 0.0143 CAP = 64.9 cfs PARTIAL FLOW	10+73.56 LINE 'D-2' CONST. STORM SEWER MANHOLE T. RIM = 532.85	530	30" RCP Q ₁₀₀ = 33.8 cfs V ₁₀₀ = 6.9 fps S = 0.0068 CAP = 33.8 cfs	530	30" RCP Q ₁₀₀ = 22.0 cfs V ₁₀₀ = 4.5 fps S = 0.0029 CAP = 29.0 cfs	530	24" RCP Q ₁₀₀ = 14.4 cfs V ₁₀₀ = 4.6 fps S = 0.0040 CAP = 18.0 cfs
525	24" RCP Q ₁₀₀ = 8.6 cfs V ₁₀₀ = 2.7 fps S = 0.0015 CAP = 36.5 cfs PARTIAL FLOW	11+05.00 LINE 'D-2' 18" LAT. IN 11+25.60 LINE 'D-2' END RCP @ INLET	525	30" RCP Q ₁₀₀ = 33.8 cfs V ₁₀₀ = 6.9 fps S = 0.0068 CAP = 33.8 cfs	525	30" RCP Q ₁₀₀ = 22.0 cfs V ₁₀₀ = 4.5 fps S = 0.0029 CAP = 29.0 cfs	525	24" RCP Q ₁₀₀ = 14.4 cfs V ₁₀₀ = 4.6 fps S = 0.0040 CAP = 18.0 cfs
520	30" RCP Q ₁₀₀ = 49.0 cfs V ₁₀₀ = 10.0 fps S = 0.0143 CAP = 64.9 cfs PARTIAL FLOW	10+73.56 LINE 'D-2' CONST. STORM SEWER MANHOLE T. RIM = 532.85	520	30" RCP Q ₁₀₀ = 33.8 cfs V ₁₀₀ = 6.9 fps S = 0.0068 CAP = 33.8 cfs	520	30" RCP Q ₁₀₀ = 22.0 cfs V ₁₀₀ = 4.5 fps S = 0.0029 CAP = 29.0 cfs	520	24" RCP Q ₁₀₀ = 14.4 cfs V ₁₀₀ = 4.6 fps S = 0.0040 CAP = 18.0 cfs

24" FL-532.10
 18" FL-532.35
 24" FL-532.11
 18" FL-532.61
 18" FL-533.18

7+33.55 LINE 'D-3'
18" LAT. IN
 7+36.55 LINE 'D-3'
END 24" RCP
BEGIN 18" RCP
 7+58.28 LINE 'D-3'
END RCP @ INLET

7+53.94
 HG-533.97
 HG-534.10

24" RCP @ 0.50%
 18" RCP @ 2.61%

RELEASED FOR CONSTRUCTION
 ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN
 OF WORK WITH THE DESIGN ENGINEER, THE CITY
 OF ROCKWALL, TEXAS, FOR CONSERVING AND RELEASING
 REVISIONS FOR ADEQUACY OF DESIGN.
 CITY: _____ DATE: _____

CORWIN ENGINEERING, INC.
 200 W. BELMONT, SUITE E
 ALLEN, TEXAS 75013 (972) 398-1200
 1876 FIRM #5951

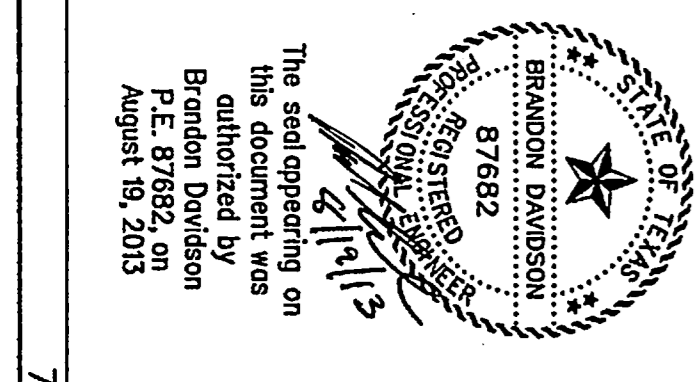
**BREZZY HILL
 PHASE 2
 ROCKWALL, TEXAS**

STORM SEWER PLAN AND PROFILE
 LINES 'D-2' AND 'D-3'

DESIGNED BY: _____
 CHECKED BY: _____
 SCALE: HORIZ. 1"=40'
 VERT. 1"=4'

JOB NUMBER: _____ DATE: MAY 2013
 SHEET NO. 18 OF 25

AS-BUILT JULY 2014
 INFORMATION PROVIDED BY CONTRACTORS
 (NOT FIELD VERIFIED)



The seal appearing on this drawing was authorized by Brandon Davidson, P.E. 87682, on August 18, 2013.