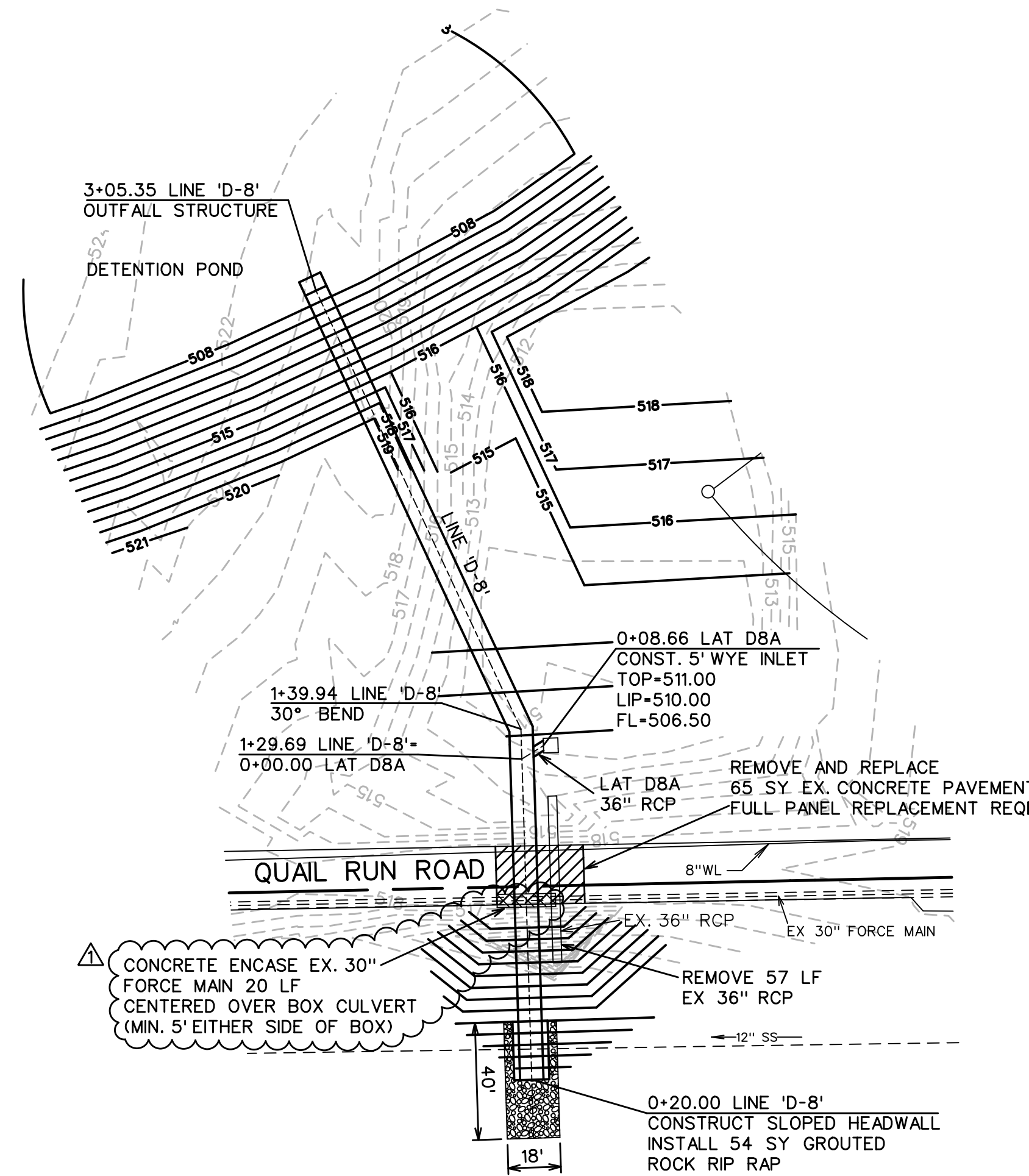
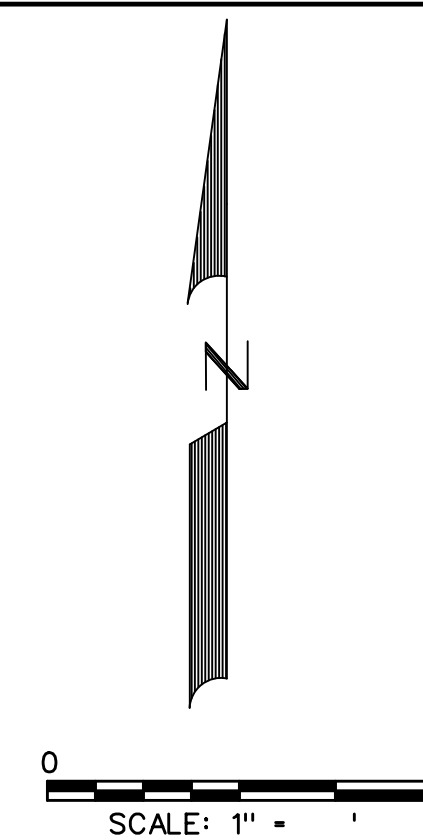


LINE 'D-7'



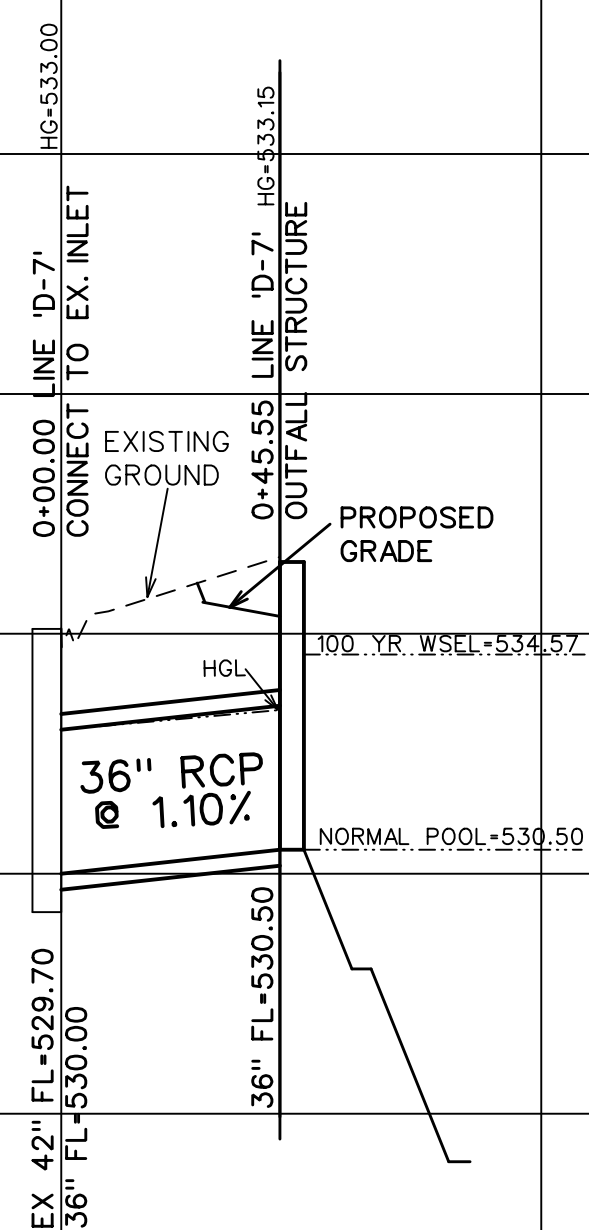
LINE 'D-8'



LEGEND

- (B) - BLOCK LABEL
- (18) - INLET NUMBER
- (1) - CURVE NUMBER
- - SANITARY SEWER
- ⊕ - WATER
- ▬ - PROPOSED STORM SEWER
- ▬▬▬ - EXISTING STORM SEWER

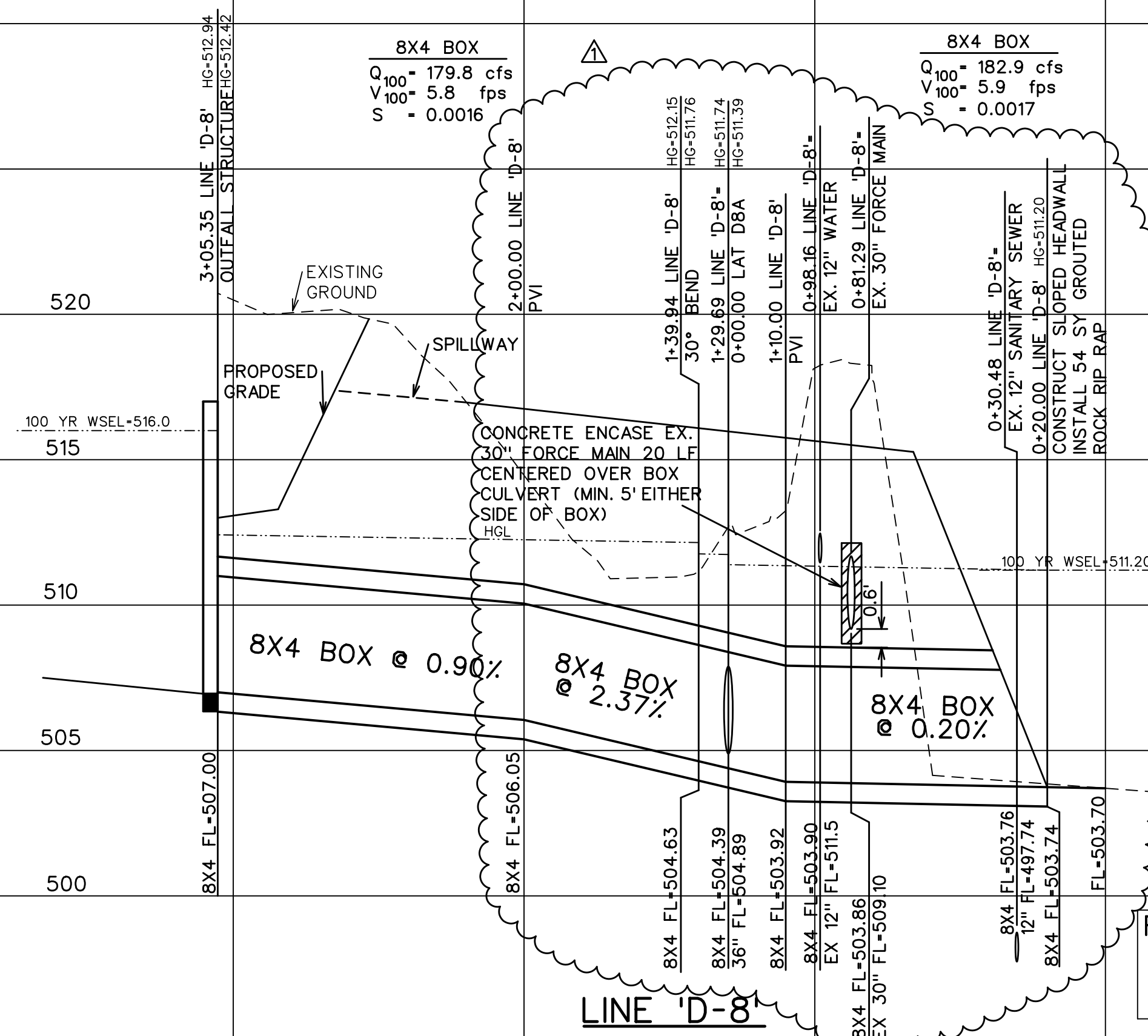
36" RCP  
 Q<sub>100</sub> = 38.9 cfs  
 V<sub>100</sub> = 5.5 fps  
 S = 0.0034  
 CAP = 70.0 cfs



LINE 'D-7'

8X4 BOX  
 Q<sub>100</sub> = 179.8 cfs  
 V<sub>100</sub> = 5.8 fps  
 S = 0.0016

8X4 BOX  
 Q<sub>100</sub> = 182.9 cfs  
 V<sub>100</sub> = 5.9 fps  
 S = 0.0017



LINE 'D-8'

RECORD DRAWINGS  
 JANUARY 2024  
 INFORMATION PROVIDED  
 BY CONTRACTORS  
 (NOT FIELD VERIFIED)



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

DEVELOPMENT PLANS FOR  
**QUAIL HOLLOW**  
 PHASE I  
 ROCKWALL, TEXAS

STORM SEWER PLAN AND PROFILES  
 LINES 'D-7' AND 'D-8'

DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JOB NUMBER	DATE	SCALE: HOR: 1"=40' VER: 1"=4'	33
22036	FEBRUARY 2023		