



8+96.82	8+63.55	8+63.55	8+27.79	8+27.79	7+97.75	7+97.75	7+60.36	7+60.36	7+55.36	7+55.36	7+18.88	7+18.88	6+25.39	6+25.39	6+25.39	6+20.39	6+20.39	5+60.54	5+60.54	4+78.17
Q100= 0.71 c.f.s.	Q100= 0.93 c.f.s.	Q100= 0.93 c.f.s.	Q100= 1.92 c.f.s.	Q100= 1.92 c.f.s.	Q100= 2.08 c.f.s.	Q100= 2.08 c.f.s.	Q100= 2.71 c.f.s.	Q100= 2.71 c.f.s.	Q100= 2.71 c.f.s.	Q100= 2.71 c.f.s.	Q100= 2.70 c.f.s.	Q100= 2.68 c.f.s.	Q100= 2.68 c.f.s.	Q100= 2.68 c.f.s.	Q100= 2.68 c.f.s.	Q100= 14.88 c.f.s.	Q100= 14.88 c.f.s.	Q100= 15.76 c.f.s.	Q100= 15.76 c.f.s.	Q100= 15.76 c.f.s.
Vp= 11.91 ft/sec	Vp= 11.52 ft/sec	Vp= 11.52 ft/sec	Vp= 8.15 ft/sec	Vp= 8.15 ft/sec	Vp= 7.92 ft/sec	Vp= 7.92 ft/sec	Vp= 7.26 ft/sec	Vp= 7.26 ft/sec	Vp= 7.26 ft/sec	Vp= 7.26 ft/sec	Vp= 8.74 ft/sec	Vp= 8.73 ft/sec	Vp= 9.79 ft/sec	Vp= 9.79 ft/sec	Vp= 9.79 ft/sec	Vp= 5.73 ft/sec	Vp= 5.73 ft/sec	Vp= 5.72 ft/sec	Vp= 5.72 ft/sec	Vp= 5.72 ft/sec
sf= 0.015 ft/ft	sf= 0.015 ft/ft	sf= 0.015 ft/ft	sf= 0.015 ft/ft	sf= 0.015 ft/ft	sf= 0.015 ft/ft	sf= 0.015 ft/ft	sf= 0.015 ft/ft	sf= 0.015 ft/ft	sf= 0.015 ft/ft	sf= 0.015 ft/ft	sf= 0.020 ft/ft	sf= 0.020 ft/ft	sf= 0.007 ft/ft	sf= 0.007 ft/ft	sf= 0.007 ft/ft	sf= 0.007 ft/ft	sf= 0.007 ft/ft	sf= 0.007 ft/ft	sf= 0.007 ft/ft	sf= 0.007 ft/ft
n= 0.010	n= 0.010	n= 0.010	n= 0.010	n= 0.010	n= 0.010	n= 0.010	n= 0.010	n= 0.010	n= 0.010	n= 0.010	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013
d= 0.13 ft	d= 0.16 ft	d= 0.16 ft	d= 0.34 ft	d= 0.34 ft	d= 0.37 ft	d= 0.37 ft	d= 0.48 ft	d= 0.48 ft	d= 0.48 ft	d= 0.48 ft	d= 0.37 ft	d= 0.37 ft	d= 0.28 ft	d= 0.28 ft	d= 0.28 ft	d= 1.54 ft	d= 1.54 ft	d= 1.63 ft	d= 1.63 ft	d= 1.63 ft

  

4+78.17	4+36.39	4+36.39	3+69.67	3+69.67	3+28.97	3+28.97	3+12.48	3+12.48	2+72.40	2+72.40	2+25.13	2+25.13	2+25.13	2+18.53	2+18.53	2+18.53	2+43.53	2+43.53	0+22.87	0+22.87	0+00.00
Q100= 19.17 c.f.s.	Q100= 20.26 c.f.s.	Q100= 20.26 c.f.s.	Q100= 19.33 c.f.s.	Q100= 19.33 c.f.s.	Q100= 19.33 c.f.s.	Q100= 19.33 c.f.s.	Q100= 24.38 c.f.s.	Q100= 24.38 c.f.s.	Q100= 27.79 c.f.s.	Q100= 27.79 c.f.s.	Q100= 27.79 c.f.s.	Q100= 27.79 c.f.s.	Q100= 27.79 c.f.s.	Q100= 31.20 c.f.s.	Q100= 31.20 c.f.s.	Q100= 31.20 c.f.s.	Q100= 32.31 c.f.s.	Q100= 32.31 c.f.s.	Q100= 32.17 c.f.s.	Q100= 32.17 c.f.s.	Q100= 32.15 c.f.s.
Vp= 6.11 ft/sec	Vp= 6.45 ft/sec	Vp= 6.45 ft/sec	Vp= 6.45 ft/sec	Vp= 6.45 ft/sec	Vp= 7.53 ft/sec	Vp= 7.53 ft/sec	Vp= 7.76 ft/sec	Vp= 7.76 ft/sec	Vp= 11.27 ft/sec	Vp= 11.27 ft/sec	Vp= 11.07 ft/sec	Vp= 11.07 ft/sec	Vp= 11.07 ft/sec	Vp= 11.14 ft/sec	Vp= 11.14 ft/sec	Vp= 11.14 ft/sec	Vp= 11.14 ft/sec	Vp= 11.14 ft/sec	Vp= 8.09 ft/sec	Vp= 8.09 ft/sec	Vp= 8.09 ft/sec
sf= 0.007 ft/ft	sf= 0.008 ft/ft	sf= 0.008 ft/ft	sf= 0.011 ft/ft	sf= 0.011 ft/ft	sf= 0.012 ft/ft	sf= 0.012 ft/ft	sf= 0.027 ft/ft	sf= 0.027 ft/ft	sf= 0.027 ft/ft	sf= 0.027 ft/ft	sf= 0.027 ft/ft	sf= 0.027 ft/ft	sf= 0.027 ft/ft	sf= 0.027 ft/ft	sf= 0.027 ft/ft	sf= 0.027 ft/ft	sf= 0.011 ft/ft	sf= 0.011 ft/ft	sf= 0.011 ft/ft	sf= 0.011 ft/ft	sf= 0.011 ft/ft
n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013	n= 0.013
d= 1.98 ft	d= 0.013	d= 0.013	d= 0.013	d= 0.013	d= 0.013	d= 0.013	d= 1.31 ft	d= 1.31 ft	d= 1.49 ft	d= 1.49 ft	d= 1.68 ft	d= 1.68 ft	d= 1.68 ft	d= 1.74 ft	d= 1.74 ft	d= 1.74 ft	d= 1.54 ft	d= 1.54 ft	d= 1.63 ft	d= 1.63 ft	d= 1.63 ft

NOTES:  
1. REFER TO GRADING PLAN FOR ALL RIM ELEVATIONS

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.

AS-BUILT  
THIS RECORD DRAWING IS COMPILATION OF A COPY OF THE SEALED ENGINEERING DRAWING FOR THIS PROJECT, MODIFIED BY ADDENDA, CHANGE ORDERS, AND INFORMATION FURNISHED BY THE CONTRACTOR. THE INFORMATION SHOWN ON THE RECORD DRAWINGS IS PROVIDED BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR OR OTHERS NOT ASSOCIATED WITH THE DESIGN ENGINEER. THE ORIGINAL SEALED DRAWING ARE ON FILE AT THE OFFICES OF WINKELMANN AND ASSOCIATES, INC.  
*Maria L. Boilla*  
WINKELMANN AND ASSOCIATES, INC. 10-19-2016 DATE

STORM PROFILE  
SEC N. GOLIAD ST. AND E. QUAIL RUN RD., ROCKWALL, TEXAS

No.	DATE	REVISION
6.		
5.		
4.	04/05/2016	BULLETIN #8
3.	12/18/2015	ISSUE FOR CONSTRUCTION
2.	12/09/2015	BULLETIN #1
1.		

**Winkelmann & Associates, Inc.**  
CONSULTING CIVIL ENGINEERS • SURVEYORS  
7720 HILGRET PLAZA DRIVE, SUITE 325  
ROCKWALL, TEXAS 75087  
(972) 960-7090  
FAX (972) 960-7096  
P.E. # 100106  
M.A. C. BOILLA-NICHOLS  
100106  
PROFESSIONAL ENGINEER  
10-19-2016  
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MARIA C. BOILLA-NICHOLS, P.E. # 100106

C-11.04  
DAL574