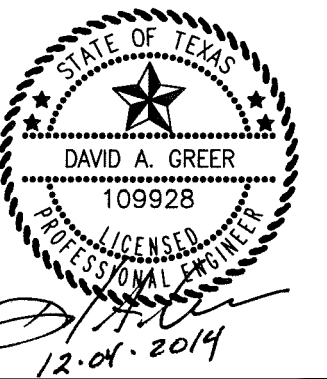


NOTE:  
INFORMATION ON THIS SHEET AND OTHER SHEETS THROUGHOUT THIS PLAN SET IS PART OF A UNIFIED DESIGN. THE CONTRACTOR SHALL NOT SEPARATE DRAWINGS FROM THE SET FOR DISTRIBUTION TO SPECIFIC DISCIPLINES. EACH SUBCONTRACTOR SHALL BE PROVIDED WITH ALL SHEETS WITHIN THIS PLAN SET.



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Date	Issue
9-26-2014	BD/PERMIT
11-07-2014	CITY COMMENTS
12-04-2014	CITY COMMENTS

Drawn By:  
Project No.: 14389

GAGE OF PIPE	12"	15"	18"	24"	30"	36"
16	X	X	X	X	X	X
14	X	X	X	X	X	X
12	N.A.	N.A.	N.A.	N.A.	X	X

GRATE TYPE	"A"
VERT 2-1/2"	1-3/4"
VERT 6"	1-3/4"
TRAP 2-1/2"	2-1/4"
TRAP 6"	3"

VERT=VERTICAL  
TRAP=TRAPEZOIDAL

**MANUFACTURING TOLERANCES**

1. VERTICAL BOW ± 3/8"
2. HORIZONTAL BOW ± 5/8"
3. TWIST ± 1/2"

**SLOTTED DRAIN NOTES**

1. ULTRA FLO PIPE SHALL BE SPIRAL RIB CONFORMING TO AASHTO M36, TYPE IR.
2. GRATE MATERIAL SHALL CONFORM TO THE DETAILS SHOWN AND CONFORM TO ASTM A-36, OR A570, GRADE 36. HOT DIP GALVANIZED PER ASTM A-123.
3. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.

**CONTECH CONSTRUCTION PRODUCTS INC.**

ULTRA FLO SLOTTED DRAIN

DATE: 09-25-15  
DRAWN BY: D.A.G.  
CHECKED BY: D.A.G.  
DESIGN NUMBER: 10027014

**BANNISTER ENGINEERING**  
1696 Country Club Drive | Mansfield, TX 76063 | 817.842.2094 | 817.842.2095 fax  
REGISTRATION # F-10599 (TEXAS)

**811**  
Know what's below.  
Call before you dig.  
(@ least 48 hours prior to digging)

**RECORD DRAWING**  
TO THE BEST OF OUR KNOWLEDGE, BANNISTER ENGINEERING, LLC, HEREBY STATES THAT THIS PLAN IS AS-BUILT. THE INFORMATION PROVIDED IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR. IN THE EVENT THAT THE ORIGINAL DESIGN WAS MODIFIED IN THE FIELD WITHOUT THE ENGINEER'S KNOWLEDGE, THE SEAL OR SIGNATURE ON THIS DRAWING IS NOT INTENDED TO INDICATE THE ENGINEER'S APPROVAL OR ACCEPTANCE OF ANY SUCH DEVIATIONS FROM THE DESIGN.  
DATE: 09-25-15  
DAVID A. GREER, P.E. 109928

**BENCHMARKS**

BM#1: BRASS CAP ON CURB INLET N: 7018174.91 E: 2597215.39	ELEV.=543.92
BM#2: BRASS DISK ON AREA INLET N: 7018140.75 E: 2597447.86	ELEV.=541.39

STORM DRAINAGE DETAILS  
RETAIL BUILDING  
PLAZA AT ROCKWALL SHOPPING CENTER  
INTERSTATE HIGHWAY 30  
ROCKWALL, TX

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**C-4.5**