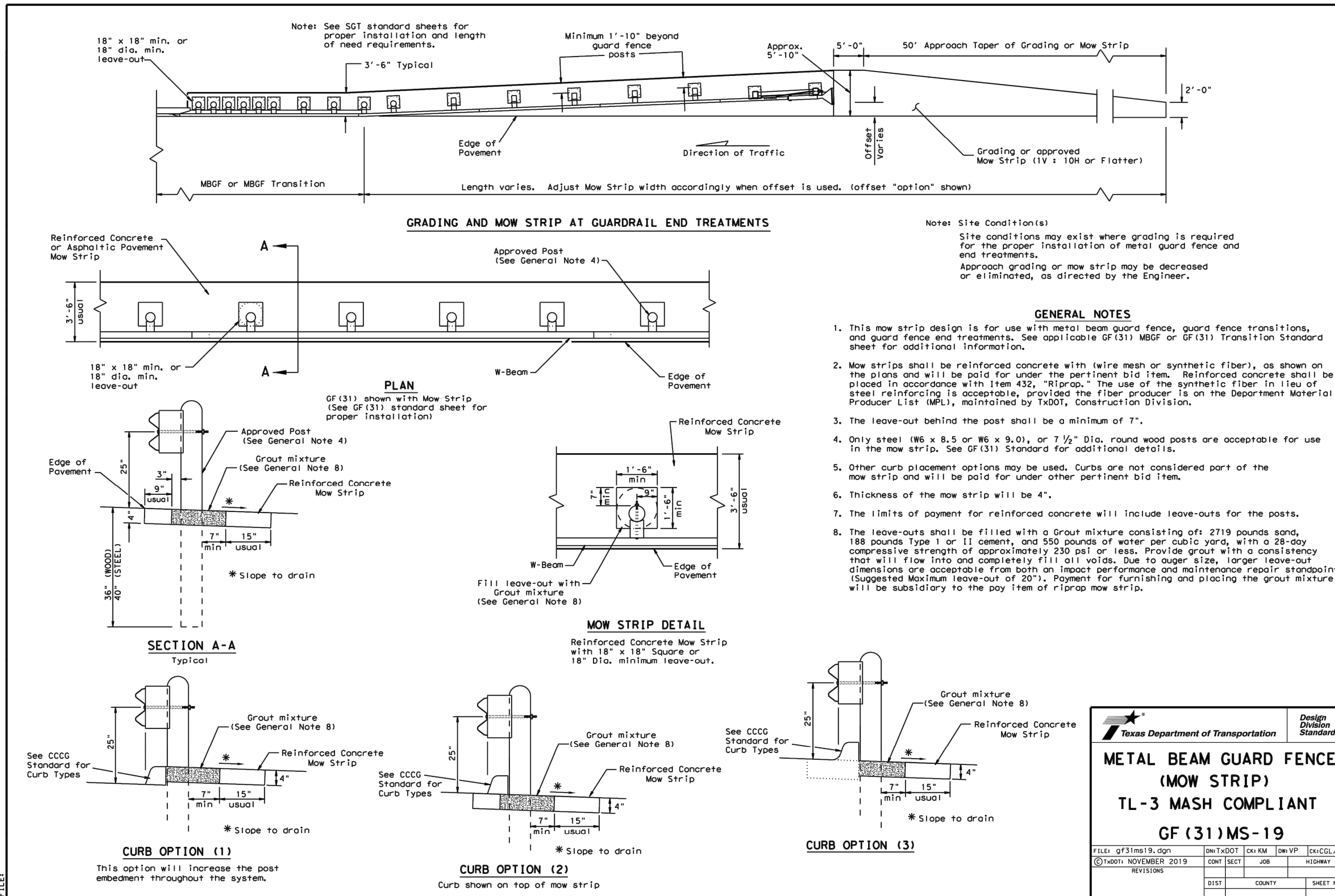


THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. NO WARRANTY OF ANY KIND IS MADE BY TxDOT FOR ANY PURPOSE WHATSOEVER. THE USE OF THIS STANDARD FOR THE CONVERSION OF THIS STANDARD TO OTHER FORMATS OR FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE, TxDOT ASSUMES NO RESPONSIBILITY FOR THE CONVERSION OF THIS STANDARD TO OTHER FORMATS OR FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.



Texas Department of Transportation Design Standard

METAL BEAM GUARD FENCE (MOW STRIP)
TL-3 MASH COMPLIANT
GF (31)MS-19

FILE: GF31MS-19.DWG
 DATE: NOVEMBER 2019
 REVISIONS: 01
 DIST: COUNTY SHEET NO.

FLAT ROOF RECTANGULAR RACKS/WEIRS (STANDARD SIZES)
 DIMENSIONS IN INCHES TO THE NEAREST 1/4"

HOST STRUCTURE INSIDE DIMENSIONS
 6" LENGTH 0.5" WALL THICKNESS (REQUIRED)
 6" WIDTH

AS DISTRIBUTED BY CONTECH CONSTRUCTION PRODUCTS NATIONALLY

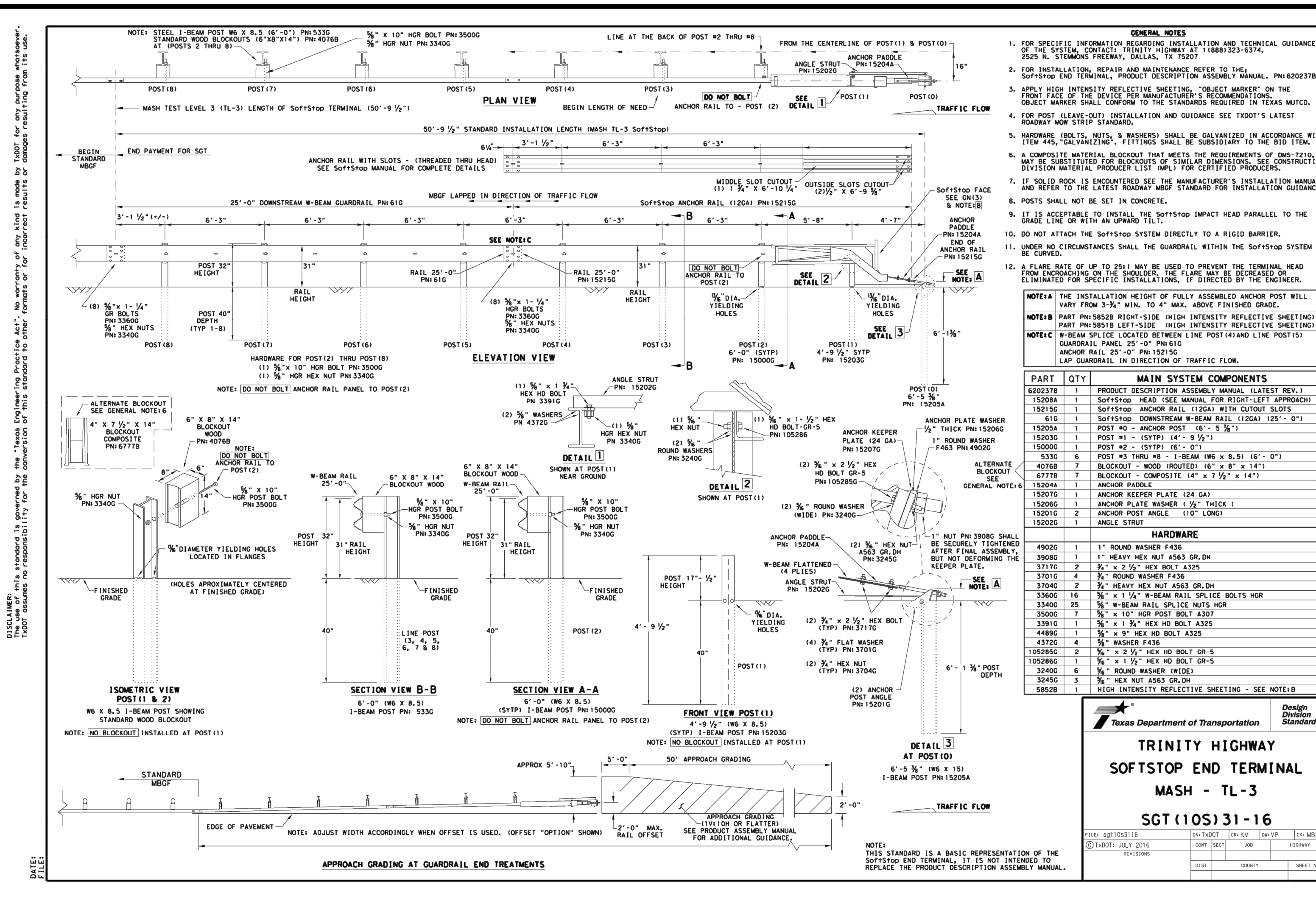
WIDTH (A)	11 3/8	16 3/4	22 1/8	27 1/2	32 7/8	38 1/4	43 5/8	49	54 3/8	59 3/4	65 1/8	70 1/2	75 7/8	81 7/8	87 1/4
CODE	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
LENGTH (B)	11 3/8	16 3/4	22 1/8	27 1/2	32 7/8	38 1/4	43 5/8	49	54 3/8	59 3/4	65 1/8	70 1/2	75 7/8	81 7/8	87 1/4
CODE	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
HEIGHT (C)	7 1/2	12 7/8													
CODE	01	02													
	1 GRID HIGH	2 GRID HIGH													
			FLAT ROOF (FR)	27 1/2	87 1/4	7 1/2									
				WIDTH (A)	LENGTH (B)	HEIGHT (C)									

CONTECH CONSTRUCTION PRODUCTS INC.
 1402 GARDNER DRIVE, SUITE 100
 WEST CHESTER, OHIO 45380
 PH: 513.683.9132 FAX: 513.684.1390
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CUSTOMER:
PROJECT: GIDEON GROVE - PHASE 2

DATE:
DRAWN BY:
APP'D BY:
DETAIL:

RECORD DRAWING
 THESE RECORD DRAWINGS ARE BASED ON AS-BUILT DOCUMENTS PROVIDED BY THE CONTRACTOR OR DEVELOPER. FIELD INSPECTION OF CONSTRUCTION, IF REQUIRED FOR COMPLIANCE WITH CERTAIN REGULATORY STANDARDS, WAS NOT PERFORMED BY THE DESIGN ENGINEER. IT IS NOT GUARANTEED THAT THIS DOCUMENT REPRESENTS AS-BUILT CONDITIONS.
 03/22/2022



Oldcastle Precast Water

48" RCP Safety End Treatments
 Model: 48" RCP SET

ELEVATION VIEW
 12" x 4" x 6" x 17"

END VIEW
 Wall (6")

CITY REQUIRES A 4200 PSI W/ MIN 7.0 SACK MIX, CONTRACTOR TO CONTACT OLD CASTLE PRIOR TO ORDERING PRODUCT.

SPECIFICATIONS:
 1. Concrete: Class "C" with design strength of 4200 psi at 28 days.
 2. Steel reinforcement: ASTM A-615 Grade 60.
 3. Reinforcement: #4 @ 9" O.C. in way or wire mesh equivalent to 0.24 in linear foot in each direction.
 4. Galvanized pipe shall conform to TxDOT specifications.

Pipe I.D.	Slope	Weight	W	L	A	B
3	1	11,039 Lbs.	66"	156"	60"	48"
48"	4	14,673 Lbs.	66"	204"	60"	48"
6	1	21,357 Lbs.	66"	300"	60"	48"

Texas Region For more information on our products please visit us on the web at: oldcastleprecast.com

888-9 Oldcastle (888-965-3227)
 © 2013 Oldcastle Precast, Inc.
 9-6

DATE: _____

NO. _____

REVISION _____

ADAM S. REEVES
 98410
 LICENSED PROFESSIONAL ENGINEER
 6.8.2021

PAPE-PAWSON ENGINEERS
 PORT WORTH | SAN ANTONIO | AUSTIN | HOUSTON | DALLAS
 6500 W. HWY. STE 700 | FT. WORTH, TX 76102 | 817.870.8668
 TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION #470

GIDEON GROVE - PHASE 2
 CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

STORM DRAINAGE DETAILS
 SHEET 3

PLAT NO. _____

JOB NO. 6126300

DATE June 21

DESIGNER _____

CHECKED _____ DRAWN _____

SHEET 21