



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

HOST STRUCTURE INSIDE DIMENSIONS			
LENGTH	WALL THICKNESS (REQUIRED)		
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)	17 1/2	12 7/8													
CODE	01	02													
	1 GRID HIGH	2 GRID HIGH													

FLAT ROOF (FR) WIDTH (A) LENGTH (B) HEIGHT (C)

CONTECH CONSTRUCTION PRODUCTS INC.
1800 WEST 10TH STREET, SUITE 400
DALLAS, TEXAS 75243
PH: 1.800.381.1122 FAX: 972.445.1399
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CUSTOMER: _____ DATE: _____
PROJECT: _____ DRAWN BY: _____
APP'D BY: _____
DETAIL: _____

Proposed West Pond Results Summary

Rain Event	Peak Outflow cfs	Peak Storage (acre-ft)	Peak Elevation ft
5-yr	315	4.96	537.83
10-yr	382	5.4	538.02
25-yr	450	5.73	538.21
100-yr	585	6.29	538.48

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



SEE "DETENTION STUDY FOR WINDING CREEK" PREPARED BY KCE ENGINEERING, DATED APRIL 28, 2022 FOR A DETAILED ANALYSIS OF DETENTION VOLUMES AND OUTFALL STRUCTURE.

RECORD DRAWINGS
The information contained hereon was provided by the contractor based on their field installation. The undersigned registered professional engineer did not provide inspection on this project, and therefore makes no warrants concerning the accuracy or completeness of the information provided.

Dayton C. Macatee
NOVEMBER 29, 2023
Dayton C. Macatee, P.E. - Macatee Engineering, L.L.C. (Tx. Reg. No. F-456)
12655 N. Central Expwy Suite 420, Dallas, Texas 75243 * Tel: 214-373-1180

CITY OF ROCKWALL MONUMENT "COR-2"
ALUMINUM DISK STAMPED "CITY OF ROCKWALL SURVEY MONUMENT" +/- 866' EAST OF INTERSECTION OF WILLIAMS STREET AND CARUTH LANE, AND 50' SOUTH OF CL OF WILLIAMS STREET. N: 7029731.124, E: 2598589.314, ELEV=529.10

CITY OF ROCKWALL MONUMENT "COR-4"
ALUMINUM DISK STAMPED "CITY OF ROCKWALL SURVEY MONUMENT" ON NORTH SIDE OF DALTON ROAD +/- 210' WEST OF INTERSECTION OF SH 205 AND DALTON ROAD, AND 10' NORTH OF CURB LINE. N: 7040336.992, E: 2592422.633, ELEV=541.67

DETENTION POND #1 PLAN

WINDING CREEK

CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

CIVIL ENGINEERING DESIGN & CONSULTING
(Tex. Reg. No. F-456)
12655 N. CENTRAL EXPWY, SUITE 420
DALLAS, TEXAS 75243
TEL 214-373-1180 * FAX 214-373-6580
daytonm@macatee-engineering.com
phillipj@macatee-engineering.com

DESIGNED	CHECKED	DATE	DWG FILE	PROJECT #	SHEET NO.
BCP	SDA	11/29/2023	WC-DETENTION	SKO_WC	41 OF 53