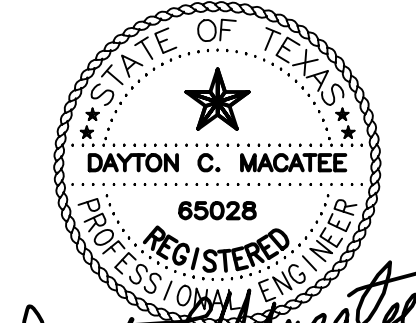


LEGEND

- 544 - EXISTING 1 FOOT CONTOUR INTERVAL
- - - DRAINAGE DIVIDE
- (B6) DRAINAGE AREA
- DIRECTION OF RUNOFF

PROPOSED RUNOFF CALCULATIONS

AREA	ACRES	T _c (min)	C	I100	Q100	NOTES
A1	0.52	10	0.5	9.8	2.6	DRAINS TO INLET A1 & WETLANDS
A2	1.17	10	0.5	9.8	3.7	DRAINS TO INLET A2 & WETLANDS
A3	1.00	10	0.5	9.8	4.9	DRAINS TO INLET A3 & WETLANDS
A4	1.94	10	0.5	9.8	9.5	DRAINS TO INLET A4 & WETLANDS
A5	1.48	10	0.5	9.8	7.3	DRAINS TO INLET A5 & WETLANDS
A6	2.71	10	0.5	9.8	13.3	DRAINS TO INLET A6 & WETLANDS
A7	2.74	10	0.5	9.8	13.4	DRAINS TO INLET A7 & WETLANDS
A8	2.17	10	0.5	9.8	10.6	DRAINS TO INLET A8 & WETLANDS
A9	1.82	10	0.5	9.8	8.9	DRAINS TO INLET A9 & WETLANDS
A10	2.78	10	0.5	9.8	13.6	DRAINS TO INLET A10 & WETLANDS
A11	2.83	10	0.5	9.8	13.8	DRAINS TO INLET A11 & WETLANDS
A12	0.96	10	0.5	9.8	4.7	DRAINS TO INLET A12 & WETLANDS
A13	1.71	10	0.5	9.8	8.4	DRAINS TO INLET A13 & WETLANDS
A14	1.01	10	0.5	9.8	5.0	DRAINS TO INLET A14 & WETLANDS
A15	3.12	10	0.5	9.8	15.3	DRAINS TO INLET A15 & WETLANDS
A16	2.91	10	0.5	9.8	14.3	DRAINS TO INLET A16 & WETLANDS
A17	1.56	10	0.5	9.8	7.6	DRAINS TO INLET A17 & WETLANDS
A18	1.10	10	0.5	9.8	5.4	DRAINS TO WETLANDS
B1	1.51	10	0.5	9.8	7.4	DRAINS TO INLET B1 & WETLANDS
B2	2.13	10	0.5	9.8	10.5	DRAINS TO INLET B2 & WETLANDS
B3	2.61	10	0.5	9.8	12.8	DRAINS TO INLET B3 & WETLANDS
B4	2.28	10	0.5	9.8	11.2	DRAINS TO INLET B4 & WETLANDS
B5	1.43	10	0.5	9.8	7.0	DRAINS TO INLET B5 & WETLANDS
B6	2.85	10	0.5	9.8	14.0	DRAINS TO INLET B6 & WETLANDS
B7	2.31	10	0.5	9.8	11.3	DRAINS TO INLET B7 & WETLANDS
B8	2.23	10	0.5	9.8	10.9	DRAINS TO INLET B8 & WETLANDS
C1	1.46	10	0.5	9.8	7.2	DRAINS TO INLET C1 & WETLANDS
C2	2.27	10	0.5	9.8	11.1	DRAINS TO INLET C2 & WETLANDS
D1	3.35	10	0.5	9.8	16.4	DRAINS TO INLET D1 & EX POND
E1	3.50	10	0.5	9.8	17.2	DRAINS TO WETLANDS
F1	10.31	10	0.5	9.8	50.5	DRAINS TO WETLANDS
G1	1.01	10	0.5	9.8	5.0	DRAINS TO DET POND
X1	9.31	10	0.5	9.8	45.6	DRAINS THROUGH EX 36" PIPE UNDER CLEM ROAD
X2	0.79	10	0.9	9.8	7.0	DRAINS TO BAR DITCH AT CLEM RD
X3	14.46	20	0.35	8.33	42.2	DRAINS TO EX POND
X4	14.80	10	0.5	9.8	72.5	DRAINS THROUGH PROPERTY TO EX 8'x4' BOX CULVERT
X4a	1.97	10	0.5	9.8	9.7	DRAINS THROUGH PROPERTY TO EX 8'x4' BOX CULVERT
X5	5.31	10	0.5	9.8	26.0	DRAINS TO EX 18" CULVERT
X6	1.23	10	0.9	9.8	10.8	DRAINS TO PROPOSED 2-21" CULVERT
X7	0.94	10	0.9	9.8	8.3	DRAINS TO PROPOSED 2-21" CULVERT
X8	4.00	10	0.5	9.8	19.6	DRAINS TO PROPOSED 27" CULVERT
X9	3.03	10	0.5	9.8	14.8	DRAINS THROUGH EAST PROPERTY TO OFFSITE
X10	3.30	20	0.35	8.3	9.6	DRAINS THROUGH EX 36" PIPE UNDER CLEM ROAD
X11	10.09	10	0.5	9.8	49.5	DRAINS THROUGH PROPERTY TO EX 8'x4' BOX CULVERT
X12	7.04	10	0.5	9.8	34.5	DRAINS TO EX POND
X13	1.08	10	0.5	9.8	5.3	DRAINS THROUGH EX 8'x5' CULVERT UNDER CR 1141
X14	0.11	10	0.5	9.8	0.5	DRAINS TO PROPOSED 27" CULVERT



05/27/2022
 DAYTON MACATEE
 ENGINEERING, LLC
 TX. REG. NO. F-456

DRAINAGE AREA MAP (POST-DEVELOPMENT)

WINDING CREEK
 CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

MACATEE 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
 philipf@macatee-engineering.com

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, 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
 Date: NOVEMBER 29, 2023

CITY OF ROCKWALL MONUMENT "COR-2"
 ALUMINUM DISK STAMPED "CITY OF ROCKWALL SURVEY MONUMENT" +/- .86'
 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 305 AND DALTON ROAD,
 AND 10' NORTH OF CURB LINE. N: 7040336.992, E: 2592422.633, ELEV=541.67

DESIGNED	CHECKED	DATE	DWG FILE	PROJECT #	SHEET NO.
BCP	SDA	11/29/2023	WC_DAM	SKO_WC	26 OF 53