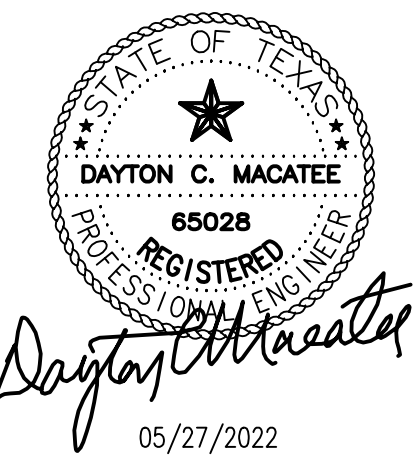


EXISTING RUNOFF CALCULATIONS						
AREA	ACRES	Tc (min)	C	I100	Q100	Comments
1	69.04	20	0.35	8.33	201.3	Drains to Ex 8'x5' Box Culvert
2	10.99	20	0.35	9.8	37.7	Drains to Property to the East
X1	9.31	10	0.5	9.8	45.6	Drains through Ex 36" pipe under Clem Road
X2	3.30	20	0.35	8.33	9.6	Drains through Ex 36" under Clem Road
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'x5' Box Culvert
X4a	1.97	10	0.5	9.8	9.7	Drains through property to Ex 8'x5' Box Culvert
X5	5.30	10	0.5	9.8	26.0	Drains to Ex 18" Culvert
X8	4.00	10	0.5	9.8	19.6	Drains through property to Ex 8'x5' Box Culvert
X11	10.09	10	0.5	9.8	49.4	Drains through property to Ex 8'x5' Box Culvert
X12	7.04	10	0.5	9.8	34.5	Drains to Ex Pond

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



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

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 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: 2586589.314, 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

DRAINAGE AREA MAP (PRE - DEVELOPMENT)

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 philip@macatee-engineering.com
	DESIGNED: BCP CHECKED: SDA DATE: 11/29/2023 DWG FILE: WC_DAM EX PROJECT #: SKO_WC SHEET NO.: 25 OF 53