



EXISTING CONDITIONS RUNOFF COMPUTATIONS

Area #	Area (sf)	Area (acres)	Runoff Coefficient	CA	Tc (min)	I(100) (in/hr)	Q(100) (cfs)	Drains To:
EX1	725126	16.6	0.35	5.83	20	8.30	48.4	Ex. Inlet @ Hays & John King
EX2	586049	13.5	0.35	4.71	20	8.30	39.1	Ex. 24" RCP in Quail Run
EX3	1805927	41.5	0.35	14.51	20	8.30	120.4	Ex. 36" RCP in Quail Run
EX4	554878	12.74	0.35	4.46	20	8.30	37.0	Ex. 12" RCP in Quail Run

LEGEND

- PROP. STORM SEWER
- PROP. CURB INLETS
- PROP. CONC. HEADWALL
- EXIST. STORM SEWER
- DRAINAGE AREA DIVIDE
- FLOW ARROW
- DRAINAGE AREA NO.

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**DEVELOPMENT PLANS FOR
 QUAIL HOLLOW
 PHASE I
 ROCKWALL, TEXAS**

PRE-PROJECT CONDITIONS
 DRAINAGE AREA MAP
 SHEET 1 OF 2

DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JOB NUMBER	DATE	SCALE: HOR: 1"=40' VER: 1"=4'	24
22036	FEBRUARY 2023		

RECORD DRAWINGS
 JANUARY 2024
 INFORMATION PROVIDED
 BY CONTRACTORS
 (NOT FIELD VERIFIED)

