



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.

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



CORWIN ENGINEERING, INC. 200 W. BELMONT, SUITE E ALLEN, TEXAS 75013 (972)396-1200 TBPE FIRM #5951			
DEVELOPMENT PLANS FOR QUAIL HOLLOW PHASE I ROCKWALL, TEXAS			
PRE-PROJECT CONDITIONS DRAINAGE AREA MAP SHEET 2 OF 2			
DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JOB NUMBER	DATE	SCALE: HOR: 1"=40' VER: 1"=4'	25
22036	FEBRUARY 2023		