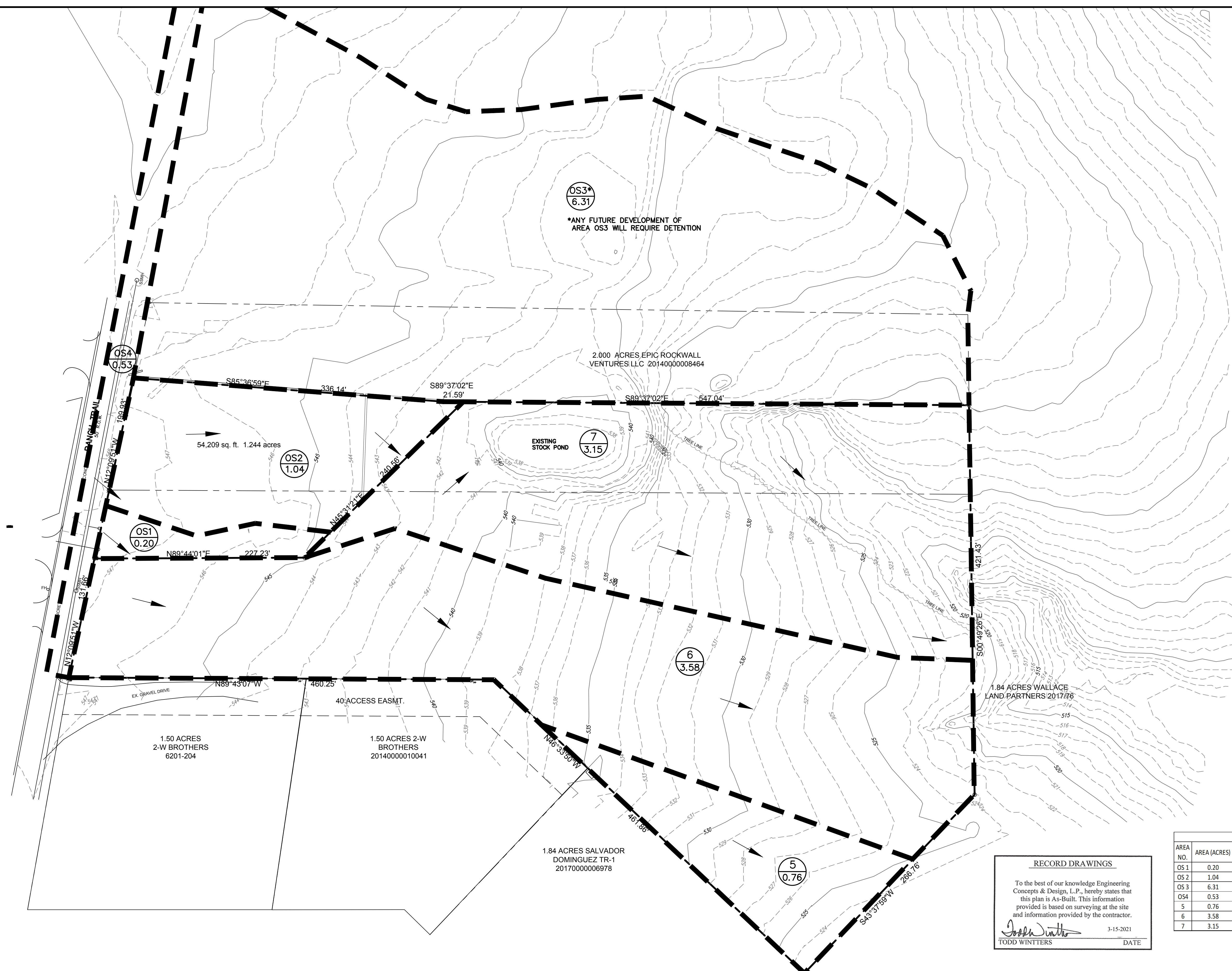
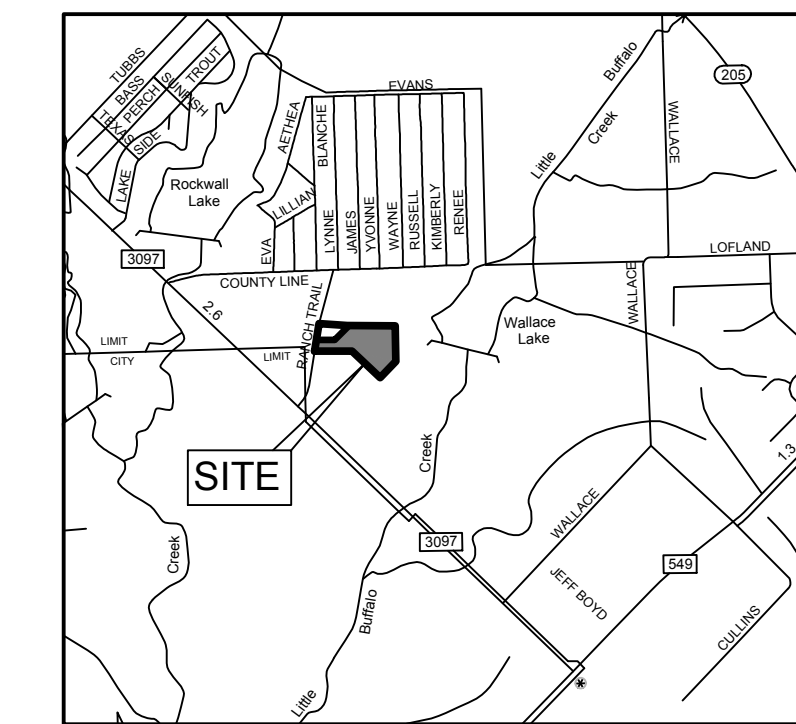


SCALE IN FEET
1" = 50'



LEGEND	
	— DRAINAGE AREA NUMBER — DRAINAGE AREA SIZE (AC)
	— DRAINAGE DIVIDE
	— FLOW DIRECTION
	— 530 — EXISTING CONTOURS

DRAINAGE CALCULATIONS - EXISTING CONDITIONS												
AREA NO.	AREA (ACRES)	C	T _c	I _s (IN/HR)	Q _s (CFS)	I ₁₀ (IN/HR)	Q ₁₀ (CFS)	I ₂₅ (IN/HR)	Q ₂₅ (CFS)	I ₁₀₀ (IN/HR)	Q ₁₀₀ (CFS)	COMMENTS
OS 1	0.20	0.50	10.00	6.10	0.61	7.10	0.71	8.30	0.83	9.80	0.98	TO AREA 6
OS 2	1.04	0.50	10.00	6.10	3.17	7.10	3.69	8.30	4.32	9.80	5.10	TO AREA 7
OS 3	6.31	0.50	10.00	6.10	19.25	7.10	22.41	8.30	26.19	9.80	30.93	TO AREA 7
OS 4	0.53	0.90	10.00	6.10	2.89	7.10	3.37	8.30	3.94	9.80	4.65	TO AREAS OS1, OS2, OS3, & 6
5	0.76	0.35	20.00	4.90	1.31	5.90	1.58	6.60	1.76	8.30	2.22	SHEET FLOW TO SOUTHEAST
6	3.58	0.35	20.00	4.90	6.13	5.90	7.39	6.60	8.26	8.30	10.39	TO CHANNEL
7	3.15	0.35	20.00	4.90	5.40	5.90	6.51	6.60	7.28	8.30	9.15	TO CHANNEL

RECORD DRAWINGS
To the best of our knowledge Engineering Concepts & Design, L.P., hereby states that this plan is As-Built. This information provided is based on surveying at the site and information provided by the contractor.
Todd Winters
TODD WINTERS DATE 3-15-2021

Z:\PROJECTS\05211 Rockwall Mini Storage\07-DRAINAGE AREA MAP - EXISTING.dwg-DAM Plotted Mar 05, 2021 at 8:25am by Tony | Last Saved by: Tony

BENCHMARKS: CITY OF ROCKWALL, TEXAS - CONTROL MONUMENTATION
ROCKWALL MONUMENT "RESET #1 3" BRASS DISK FOUND AT FM 740 (RIDGE ROAD) AND SUMMER LEE DRIVE NEAR NORTHWEST CORNER OF THE PARKING LOT FOR THE COMMUNITY BANK.
N: 7011544.252; E: 2590135.160; ELEVATION: 567.704
BASED ON NAD-83 TX, STATE PLANE, NORTH CENTRAL ZONE.

ENGINEERINGCONCEPTS & DESIGN, L.P.
ENGINEERING / PROJECT MANAGEMENT / CONSTRUCTION SERVICES - FIRM REG. #F-001145
201 WINDCO CIR, STE 200, WYLIE, TX 75098
972-941-8400 FAX: 972-941-8401 WWW.ECDLP.COM

REVISIONS:	
DRAWN: ECDLP	DATE: January 7, 2020
CHECKED: TW	DATE: January 7, 2020
PROJECT NO.: 5211	
DWG FILE NAME: 07-DRAINAGE AREA MAP - EXISTING.DWG	

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF CONSTRUCTION.



DRAINAGE AREA MAP - EXISTING
HORIZON ROAD SELF STORAGE
PHASE 1 & 2 - 575 UNITS
TRACT 23 OF RAINBOW ACRES
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

"Case No. SP2019-027"

SHEET

09