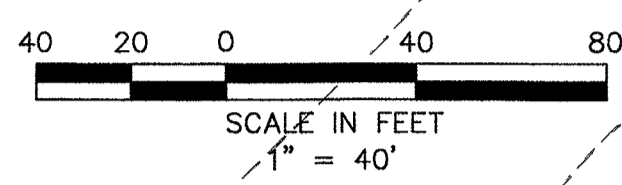


LEGEND

- ① — DRAINAGE AREA NUMBER
- ②.37 — DRAINAGE AREA SIZE (AC)
- DRAINAGE DIVIDE
- FLOW DIRECTION
- - - - - EXISTING CONTOURS



DRAINAGE CALCULATIONS

AREA NO.	AREA (ACRES)	C	Tc (MIN)	100 (IN/HR)	Q100 (CFS)	COMMENTS
1	2.37	0.90	10	9.8	20.9	TO SIDS ROAD UNDETAINED
2	7.00	0.35	20	8.3	20.3	TO FLOODPLAIN UNDETAINED
3	4.54	0.90	10	9.8	40.0	ROUTED THROUGH PH-1 DETENTION
OS1	0.14	0.90	10	9.8	-1.23	OFFSITE TO AREA 8
OS2	5.39	0.90	15	9.0	43.7	OFFSITE TO SIDS ROAD DITCH

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 6-13-19
TODD WINTERS DATE

"Case No. SP2017-041"

BENCHMARK:
"X" CUT IN CURB 23± SOUTH OF EAST DRIVE APPROACH
OF EXISTING RAYBURN COUNTRY ELECTRIC BUILDING.



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: TONY	DATE: APRIL 13, 2018
CHECKED: TW	DATE: APRIL 13, 2018
PROJECT NO.: 3560	
DWG FILE NAME:	

THIS DOCUMENT IS RELEASED FOR THE
PURPOSE OF CONSTRUCTION.



EXISTING DRAINAGE AREA MAP
RAYBURN ELECTRIC COOP. PHASE 2
LOT 5, BLK 1 RAYBURN COUNTRY ADDITION
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

SHEET
08
OF
20