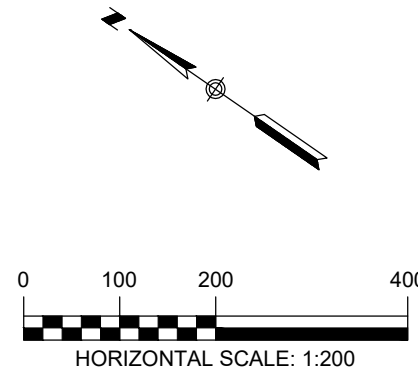
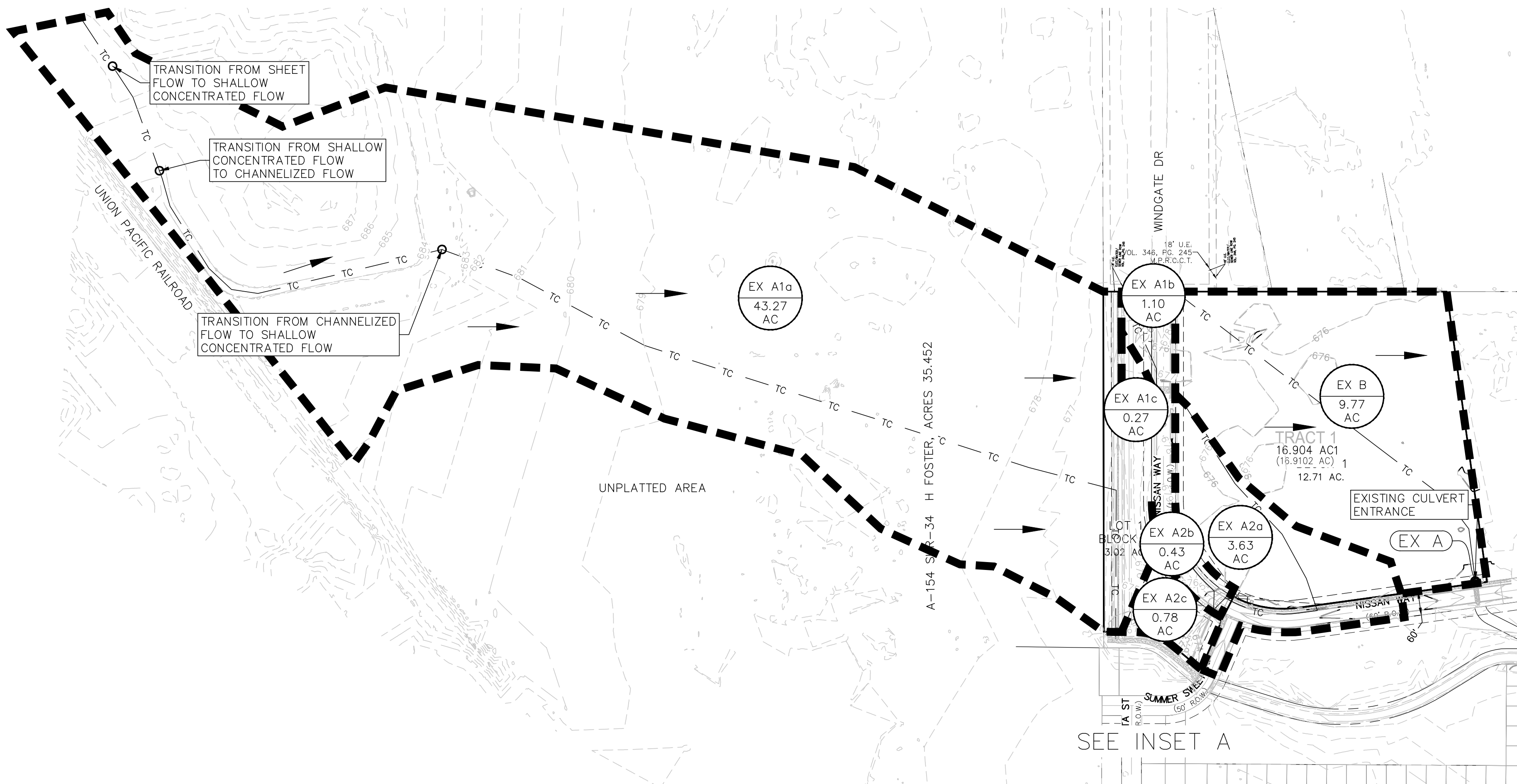


Drawing Name: W:_Projects\223 - U.F., LLC\001 - Heather Glen Apartments\03 SITE PROJECT SET\323.001_DWG.dwg User: jghm Jul 29, 2020 - 10:56am



- LEGEND**
- 700 — EXISTING CONTOURS
 - 700 — PROPOSED CONTOURS
 - B.L. BUILDING SETBACK LINE
 - U.E. UTILITY EASEMENT
 - D.E. DRAINAGE EASEMENT
 - — DRAINAGE AREA
 - TC — TIME OF CONCENTRATION
 - A-1 POINT OF CONCENTRATION
 - ← DRAINAGE FLOW DIRECTION
 - DA ACRES DRAINAGE AREA LABEL

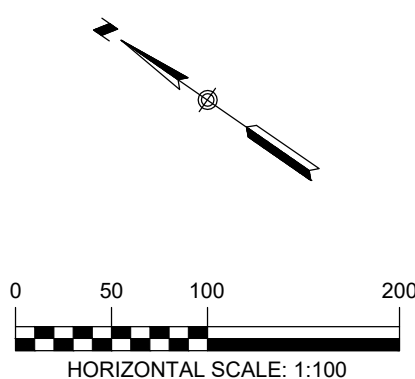
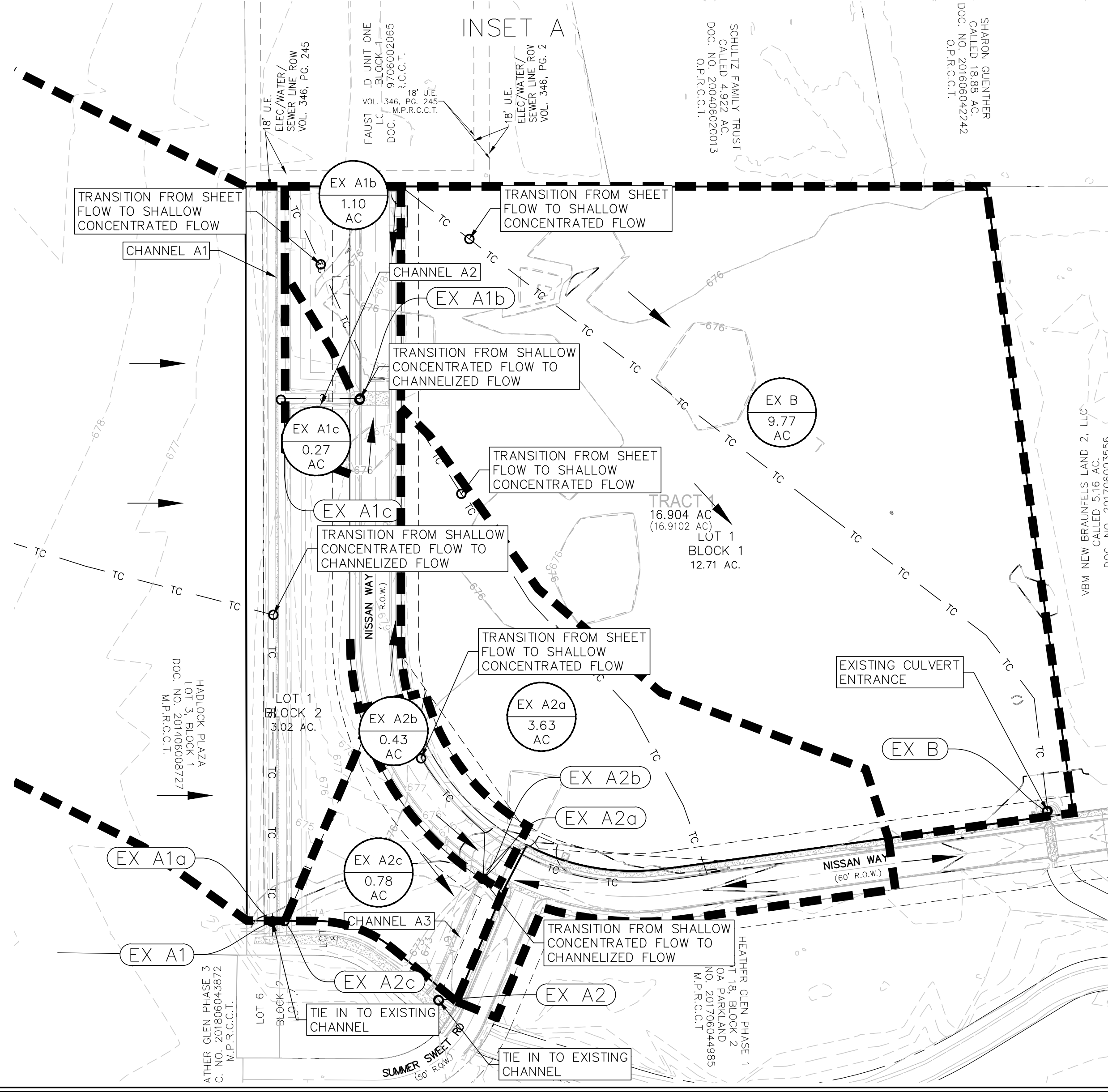


Table 1 - Existing Conditions Hydrology Calculations - City of New Braunfels								
Point of Concentration	Drainage Area	Area	T _c	CN	Q ₂ (dfs)	Q ₁₀ (dfs)	Q ₂₅ (dfs)	Q ₁₀₀ (dfs)
Ex A1a	Ex A1a	43.27	74.13	80.34	34.66	88.02	120.18	160.94
Ex A1b	Ex A1b	1.10	28.83	93.25	2.70	5.26	6.73	8.56
Ex A1c	Ex A1b+A1c	1.37	28.83	90.64	3.11	6.33	8.18	10.48
Ex A1	Ex A1	44.64	74.13	80.33	35.76	90.81	123.98	166.03
Ex A2b	Ex A2b	0.43	38.14	92.98	0.87	1.70	2.18	2.77
Ex A2b	Ex A2a+A2b	4.07	53.01	84.95	5.08	11.60	15.41	20.19
Ex A2	Ex A2	4.85	53.01	84.16	5.85	13.59	18.14	23.84
Ex B	Ex B	9.77	88.48	81.39	7.06	17.53	23.80	31.72

290 S. CASTELL AVE., STE. 100
NEW BRAUNFELS, TX 78130
TBPE FIRM F-10961
TBPLS FIRM 1053600



07/29/2020

**EXISTING DRAINAGE
AREA MAP**
VANGUARD FARMS APARTMENTS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: **JULY 2020**
DRAWN BY: **LB**
DESIGNED BY: **JMM**
REVIEWED BY: **CWH**
HMT PROJECT NO.: **323.001**

SHEET
C3.0