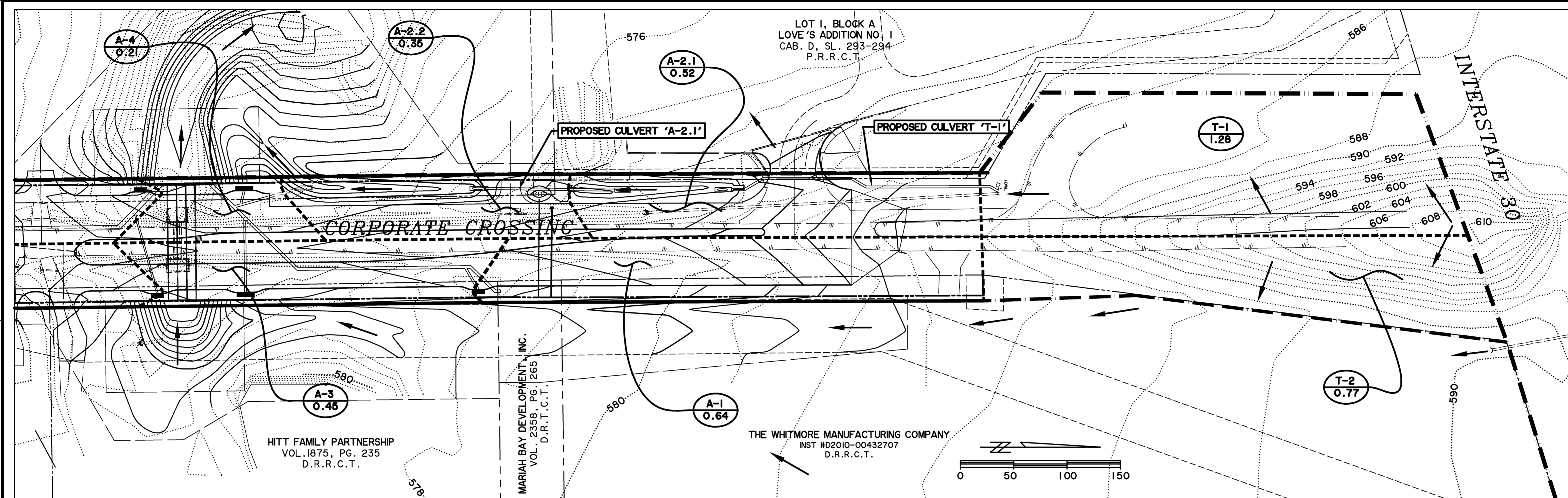
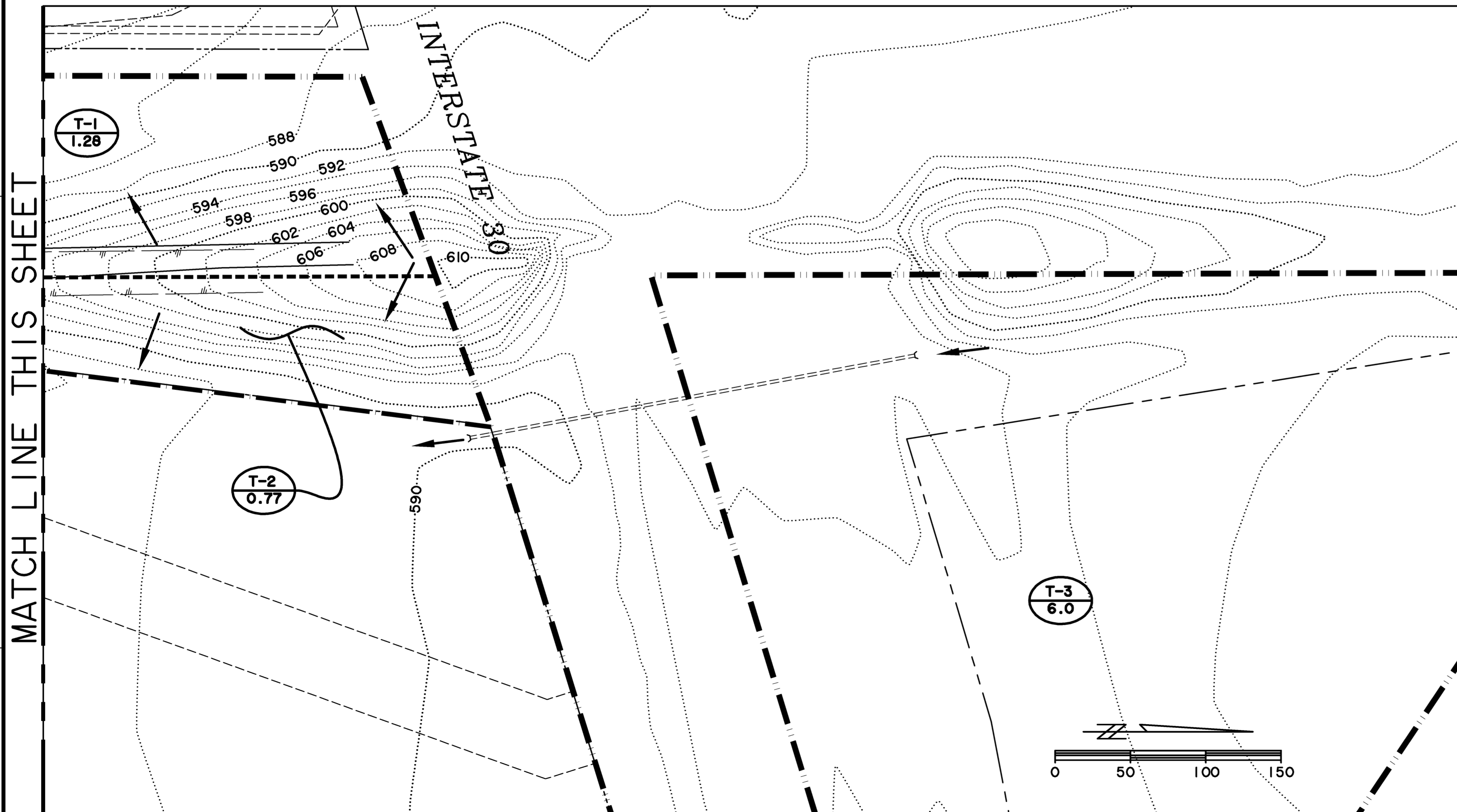


TIME 14.26 FILE: D004-Dmgp-Interim-08029.dwg

MATCH LINE THIS SHEET



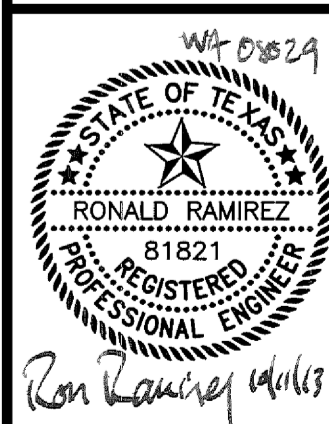
MATCH LINE THIS SHEET

INTERIM DRAINAGE AREA CALCULATIONS									
Area Designation	Acreage	Runoff Coefficient		CxA*		Time of Concentration (min)	Rainfall Intensity (in/hr) 100 Yr	Runoff 100 Year	
		Existing	Developed	Existing	Developed			Existing	Developed
A-1	0.64	0.9	0.9	0.58	0.58	10	9.8	5.64	5.64
A-2.1	0.52	0.9	0.9	0.47	0.47	10	9.8	4.59	4.59
A-2.2	0.35	0.9	0.9	0.32	0.32	10	9.8	3.09	3.09
A-3	0.45	0.9	0.9	0.41	0.41	10	9.8	3.97	3.97
A-4	0.21	0.9	0.9	0.19	0.19	10	9.8	1.85	1.85
	2.17			1.95	1.95			19.14	19.14
T-1	1.28	0.9	0.9	1.15	1.15	10	9.8	11.29	11.29
T-2	0.77	0.9	0.9	0.69	0.69	10	9.8	6.79	6.79
T-3*	6.00	0.9	0.9	5.40	5.40	10	9.8	52.92	52.92
	8.05			7.25	7.25			71.00	71.00

\* Drainage Area from North of Interstate 30.

THIS DRAINAGE AREA MAP ILLUSTRATES THE DRAINAGE PATTERNS AND AREAS THAT WILL EXIST AFTER COMPLETION OF THE CONSTRUCTION IDENTIFIED IN THIS PLAN SET. THE DESIGN DRAINAGE AREA MAP (DOOI) ILLUSTRATES THE DRAINAGE PATTERNS AND AREAS UPON WHICH THE DRAINAGE DESIGN IS BASED, AND WHICH WILL EXIST AFTER FUTURE IMPROVEMENTS ARE CONSTRUCTED.

**RECORD DRAWING**  
**10/11/2013**  
 TO THE BEST OF OUR KNOWLEDGE WIER & ASSOCIATES, INC., HERBY STATES THAT THIS PLAN IS AS-BUILT. THIS INFORMATION PROVIDED IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

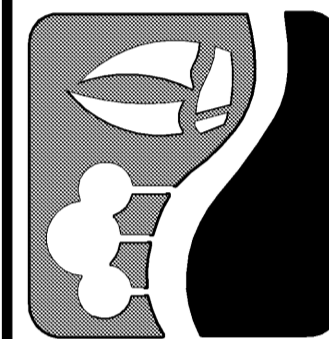


WIER & ASSOCIATES, INC.  
 LAST SHEET EDIT  
 DATE: 09-12-2013  
 WA# 08029

SHEET NO.  
 D004

CITY OF ROCKWALL  
 IMPROVEMENTS TO  
 CORPORATE CROSSING  
 (FROM S.H. 276 TO I.H. 30)

INTERIM DRAINAGE  
 AREA MAP



PREPARED BY:  
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