

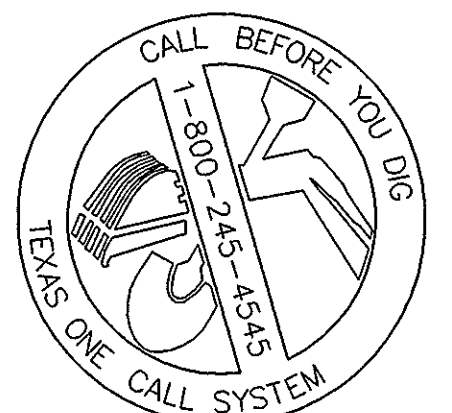
NOTE: OFFSITE DRAINAGE AREAS TAKEN FROM MASTER DRAINAGE STUDY FOR CITY OF ROCKWALL, EXHIBIT NO. A-2 DATED JUNE, 2006.

EXISTING DRAINAGE CALCULATIONS

Drainage Area	C	Tc (min)	I-100 (in/hr)	A (acres)	Q Peak (cfs)
A	0.35	20	8.30	0.67	1.95
B	0.35	20	8.30	0.35	1.02
C	0.35	20	8.30	0.36	1.04
D	0.35	20	8.30	0.42	1.22
E	0.35	20	8.30	0.14	0.41
OS1	0.35	20	8.30	12	34.86
OS2	0.90	10	9.80	0.51	4.50
OS3	0.90	10	9.80	0.42	3.70
OS4	0.90	10	9.80	0.16	1.42

PROPOSED DRAINAGE CALCULATIONS

Drainage Area	C	Tc (min)	I-100 (in/hr)	A (acres)	Q Peak (cfs)	Drains To
A	0.90	10	9.80	0.36	3.18	1 + 2
B	0.90	10	9.80	0.41	3.62	3
C	0.90	10	9.80	0.22	1.94	3
D	0.90	10	9.80	0.02	0.18	SH 205



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No.	DATE	REVISION / DESCRIPTION	BY	No.	DATE	REVISION / DESCRIPTION	BY

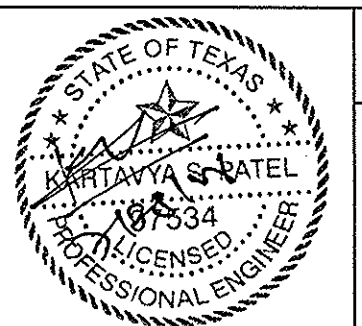


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PROJECT INFO.
7-ELEVEN
NE.C. OF N. GOLIAD STREET
& FM 552
ROCKWALL, TEXAS

DRAWING INFO.
AS-BUILT
DRAINAGE
AREA MAP

PROJECT No. 06127
DATE: 05/18/07
DRAWN BY: CS
CHECKED BY: RA



SHEET NUMBER
C4