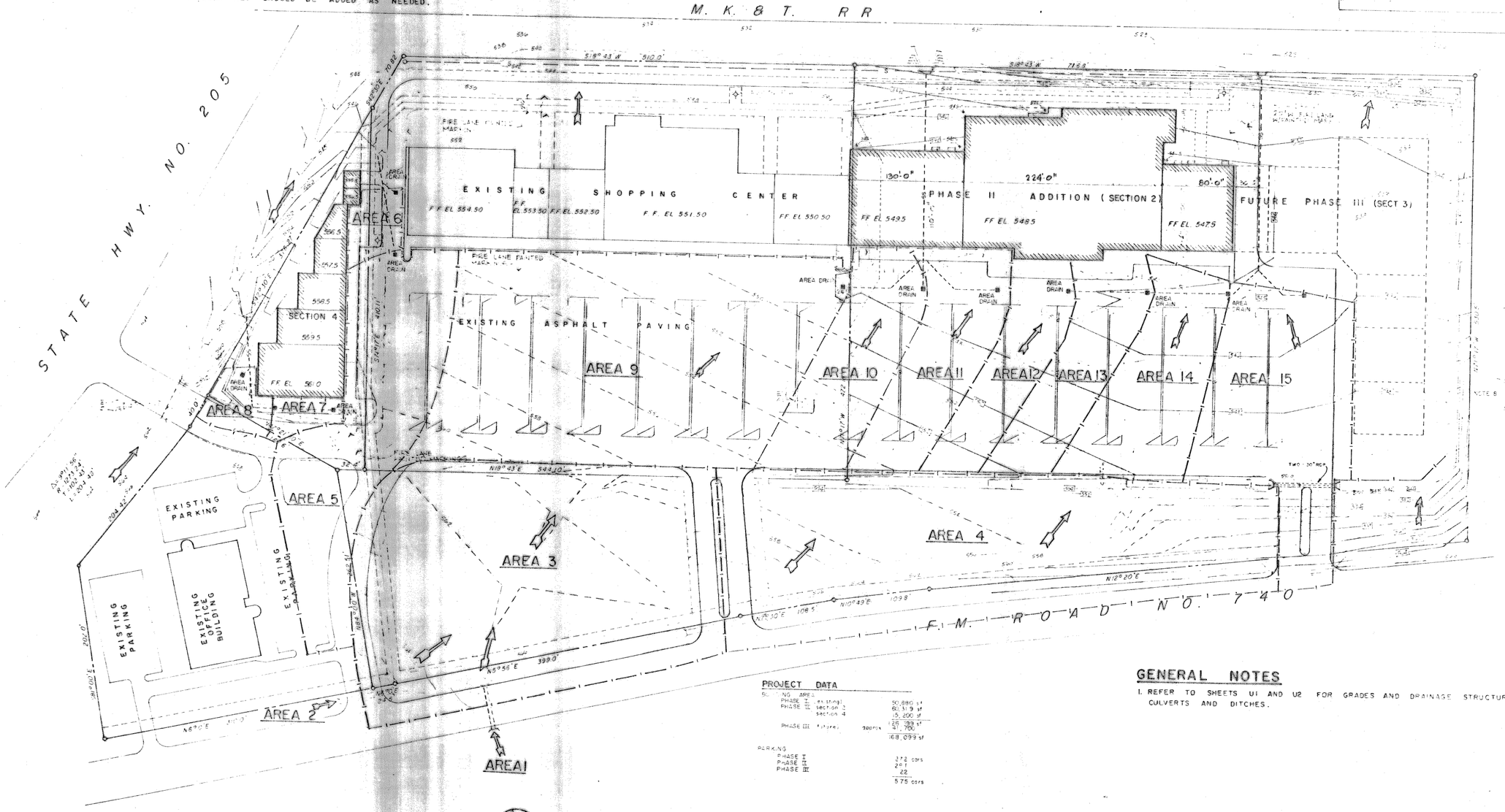
STORM DRAINAGE SUMMARY *

DRAINAGE AREA	AREA (ACRES)	Tc (MIN)	C FACTOR	5-YEAR STORM I (IN/HR)	5-YEAR STORM Q (cfs)	5-YEAR STORM ACCUM. Q (cfs)	25-YEAR STORM I (IN/HR)	25-YEAR STORM Q (cfs)	25-YEAR STORM ACCUM. Q (cfs)
1	5.50	0	.50	6.2	7.02		8.30	22.83	
2	2.00	10	.80	6.2	9.92	26.94	8.30	13.28	
3	2.48	10	.80	6.2	12.30	39.24	8.30	16.47	52.58
4	2.41	10	.80	6.2	11.95	51.19	8.30	16.00	68.58
5	1.05	10	.80	6.2	5.21		8.30	6.97	
6	0.11	10	.80	6.2	0.55	5.76	8.30	0.73	7.70
7	0.08	10	.80	6.2	0.40		8.30	0.53	
8	0.1	10	.80	6.2	0.54	0.94	8.30	0.73	1.26
9	2.31	10	.80	6.2	11.46		8.30	15.34	
10	0.55	10	.80	6.2	2.73		8.30	3.65	
	0.54	10	.80	6.2	2.68	16.87	8.30	3.59	22.58
12	0.41	10	.80	6.2	2.03		8.30	2.72	
13	0.46	10	.80	6.2	2.28	4.31	8.30	3.05	5.77
14	0.60	10	.80	6.2	2.98	7.29	8.30	3.98	9.75
15	1.03	10	.80	6.2	5.11	12.40	8.30	6.84	16.59

* 50-YEAR AND 100-YEAR STORM QUANTITIES SHOULD BE ADDED AS NEEDED.

SYMBOL LEGEND

SYMBOL	DESCRIPTION
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]



PROJECT DATA

BUILDING AREA		
PHASE I (existing)		50,880 sf
PHASE II SECTION 2		60,319 sf
SECTION 4		15,200 sf
		126,399 sf
PHASE III (future)	approx	41,700
		168,099 sf
PARKING		
PHASE I		272 cars
PHASE II		281
PHASE III		22
		575 cars

GENERAL NOTES

1. REFER TO SHEETS U1 AND U2 FOR GRADES AND DRAINAGE STRUCTURES, CULVERTS AND DITCHES.

SITE PLAN & DRAINAGE AREAS

SCALE

MAPLES ASSOCIATES
ARCHITECTS ENGINEERS PLANNERS

PROJECT NO.
DATE
DRAWN
CHECKED

REVISIONS
DATE | DESCRIPTION | APPROVED

RIDGEROAD SHOPPING CENTER COMPLEX
ROCKWALL TEXAS
A DEVELOPMENT OF THE
CAMERON COMPANY
1101 RIDGEROAD ROCKWALL, TEXAS

SHEET NO.
U3
OF 3 SHEETS