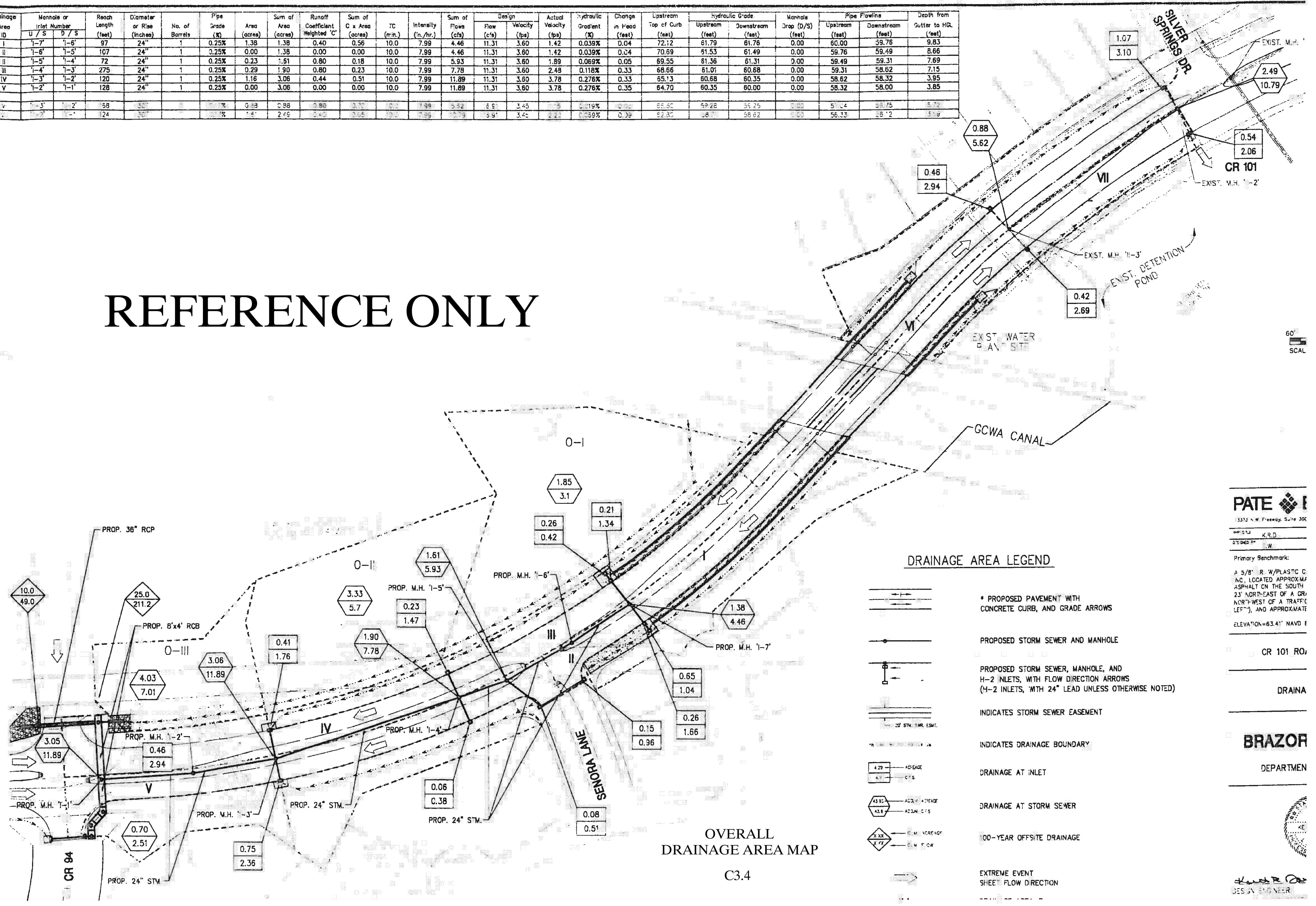


Drainage Area ID	Manhole or Inlet Number		Reach Length (feet)	Diameter or Rise (Inches)	No. of Barrels	Pipe Grade (%)	Area (acres)	Sum of Area (acres)	Runoff Coefficient Weighted 'C'	Sum of C x Area (acres)	TC (m.m.)	Intensity (in./hr.)	Sum of Flows (cfs)	Design		Actual Velocity (fps)	Hydraulic Gradient (%)	Change in Head (feet)	Upstream Top of Curb (feet)	Hydraulic Grade		Manhole Drop (D/S) (feet)	Pipe Flowline		Depth from Gutter to HGL (feet)
	U / S	D / S												Flow (cfs)	Velocity (fps)					Upstream (feet)	Downstream (feet)		Upstream (feet)	Downstream (feet)	
I	1-7	1-6	97	24"	1	0.25%	1.38	1.38	0.40	0.56	10.0	7.99	4.46	11.31	3.60	1.42	0.039%	0.04	72.12	61.79	61.76	0.00	60.00	59.76	9.83
II	1-6	1-5	107	24"	1	0.25%	0.00	1.38	0.00	0.00	10.0	7.99	4.46	11.31	3.60	1.42	0.039%	0.04	70.69	61.53	61.49	0.00	59.76	59.49	8.66
III	1-5	1-4	72	24"	1	0.25%	0.23	1.61	0.80	0.18	10.0	7.99	5.93	11.31	3.60	1.89	0.069%	0.05	69.55	61.36	61.31	0.00	59.49	59.31	7.69
IV	1-4	1-3	275	24"	1	0.25%	0.29	1.90	0.80	0.23	10.0	7.99	7.78	11.31	3.60	2.48	0.118%	0.33	68.66	61.01	60.88	0.00	59.31	58.82	7.15
V	1-3	1-2	120	24"	1	0.25%	1.16	3.06	0.44	0.51	10.0	7.99	11.89	11.31	3.60	3.78	0.276%	0.35	65.13	60.68	60.35	0.00	58.82	58.32	3.95
	1-2	1-1	128	24"	1	0.25%	0.00	3.06	0.00	0.00	10.0	7.99	11.89	11.31	3.60	3.78	0.276%	0.35	64.70	60.35	60.00	0.00	58.32	58.00	3.85
	1-1	1-0	158	30"	1	0.25%	0.38	0.88	0.90	0.12	10.0	7.99	5.52	6.61	3.45	0.019%	0.00	65.80	59.28	58.25	0.00	58.25	58.25	5.72	
	1-0	1-1	124	30"	1	0.25%	0.00	2.49	0.00	0.00	10.0	7.99	10.79	5.94	3.45	0.039%	0.09	62.80	58.00	58.62	0.00	58.33	58.12	3.99	

REFERENCE ONLY



DRAINAGE AREA LEGEND

- \* PROPOSED PAVEMENT WITH CONCRETE CURB, AND GRADE ARROWS
- PROPOSED STORM SEWER AND MANHOLE
- PROPOSED STORM SEWER, MANHOLE, AND H-2 INLETS, WITH FLOW DIRECTION ARROWS (H-2 INLETS, WITH 24" LEAD UNLESS OTHERWISE NOTED)
- INDICATES STORM SEWER EASEMENT
- INDICATES DRAINAGE BOUNDARY
- DRAINAGE AT INLET
- DRAINAGE AT STORM SEWER
- 100-YEAR OFFSITE DRAINAGE
- EXTREME EVENT SHEET FLOW DIRECTION

OVERALL DRAINAGE AREA MAP  
C3.4

**PATE**  
3312 N.W. Freeway, Suite 300  
K.R.D.  
ELEVATION=63.41' NAVD 83

**BRAZOR**  
DEPARTMENT

DESIGN ENGINEER