

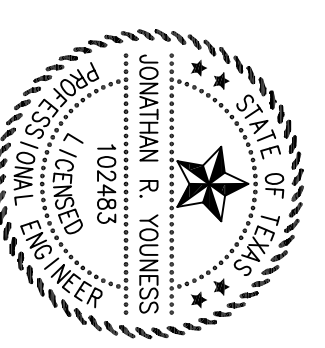
RUNOFF COLLECTION POINT	Downstream Station	Upstream Station	Distance Between Collection Points (feet)	DRAINAGE AREA			Runoff Coeff. "C"	Incr. "CA" (acres)	Intensity "I" (in/hr)	STORMWATER RUNOFF		PROPOSED STORM SEWER			Proposed Storm Sewer Slope (ft/ft)	Slope of Hydraulic Gradient Based on Pipe Size "S" (ft/ft)	Full Capacity (c.f.s.)	Depth of Flow "y" (ft)	Actual Flow Velocity "V _a " (f.p.s.)	Q100 Flow Velocity "V ₁₀₀ " (f.p.s.)	Head Loss Coeff. "K _f "	Velocity Head Loss at Upstream Station $V^2/2g$ (feet)	Pipe Flowline Elev. (feet)	Pipe Flowline Upstream Elev. (feet)	Top of Pipe Elev. (feet)	Top of Pipe Upstream Elev. (feet)	H _g Elev. (feet)	H _g Elev. Upstream (feet)	Full/Partial Flow
				Incem. "A" (acres)	Accum. "A" (acres)	Inc. "Q" (c.f.s.)				Accum. "Q" (c.f.s.)	Pipe or Box Diameter "D" (in)	Round Pipe "D" (in)	Rectangular Box "W" (ft)	Rectangular Box "H" (ft)															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	27	28	30	29	32	31	34	33	35
Storm Sewer Line L																													
9+04.00																													
8+24.33																													
5+00.00																													
3+93.24																													
2+67.06																													
2+09.95																													
1+00.00																													
Storm Sewer Line M																													
2+00.00																													
1+00.00																													

RECORD DRAWING
RECORD INFORMATION PROVIDED BY
CONASTER CONSTRUCTION, FORT WORTH, TEXAS
ELEVATION VERIFICATION PERFORMED BY
SURVEY CONSULTANTS, INC., PLANO, TEXAS

REMARKS
BY
DATE

STORM SEWER CALCULATIONS

MANSIONS FAMILY
CITY OF ROCKWALL, TEXAS



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CHECKED: RKM DESIGN
DESIGN: JRY
DRAWN: JRY
JOB: 1026-005
DATE: 05/27/09
SCALE: N/A
SHEET: 16 OF 33