

TRIBUTARY	FLOW	LENGTH	SLOPE	VELOCITY	Tc	*-YEAR	LANDUSE	COMPOSITE	DRAINAGE	Q
SUBAREA	TYPE	FT.	%	FPS	MINUTES	IN/HR	%	C VALUE	AREA-AC	CFS

HYDROLOGY CALCULATION
METHOD USED.

FROM	TO	LENGTH	DIAMETER	INVERT	U/S	INVERT	D/S	SLOPE	RIM	RIM	INLET Q	BYPASS Q	PIPE Q	FULL PIPE	VELOCITY	SPREAD					
STRUCTURE	TYPE	STRUCTURE	TYPE	FEET	INCH	U/S	HGL	D/S	HGL	ELEV	ELEV	%	ELEV	ELEV	CFS	CFS	CFS	CFS	AVERAGE	FEET	

GENERAL NOTES:

- * RAINFALL INTENSITY TO BE FOR THE DESIGN OF 2-YEAR(RESIDENTIAL), 5-YEAR(COMMERCIAL), 10 YEAR(DOWNTOWN) AND 100-YEAR(CROSS-CULVERTS).
- A DRAINAGE MAP IS INCLUDED AS A SEPARATE SHEET.
- OPTIONAL ALTERNATE PIPE LISTED ON THIS SHEET MAY BE FURNISHED IN LIEU OF THE PIPE LISTED UNDER THE BID ITEM "STORM SEWER".
- UNLESS OTHERWISE SPECIFIED, A CONTINUOUS SYSTEM OF STORM SEWER SHALL BE OF THE SAME TYPE MATERIAL.
- THE QUANTITIES, DIMENSIONS AND FLOWLINES GIVEN ON THIS SHEET ARE TO BE USED IF THE FOLLOWING TYPES OF "SMOOTH PIPES" ARE FURNISHED: RCP, VCP-ES, BCCM-FP, & RCHPE.
- GUTTER SPREAD SHALL BE IN ACCORDANCE WITH THE CITY DESIGN MANUAL.



TABLE FOR STORMWATER
SEWER DESIGN INFORMATION

CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER	OCA NUMBER	DATE 01/2015
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		DESIGN DRAWN SHEET



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KAW VALLEY ENGINEERING

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SYCAMORE POND ADDITION
W 50TH STREET S & S OSAGE CIRCLE
WICHITA, KANSAS

PHASE II - STORM SEWER IMPROVEMENTS
DETAIL SHEET

PROJ. NO.	G19-1259
DESIGNER	TRA
DRAWN BY	JT
CFN	1259-1D_DET
SHEET	10

REV	0	DATE	4-15-22	DESCRIPTION	INITIAL ISSUE

SRB	DSN	DWN	CHK