

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	U/S	HGL	D/S	HGL	%	U/S	D/S	CFS	CFS	CFS	CFS	AVERAGE	FEET
				ELEV	ELEV	ELEV	ELEV		ELEV	ELEV					FPS	
EX	CI	A-3	CI	48.79	1292.45	1293.98	1292.46	0.5	1297.15	1296.75	7.78	-	12.58	17.50	6.01	N/A
A-3	CI	A-2	CI	76.37	1292.56	1293.37	1292.18	0.5	1297.15	1297.30	2.50	0	15.08	31.34	6.06	
A-2	CI	A-1	CI	75.71	1291.17	1292.50	1298.18	0.49	1296.75	1296.01	2.32	1.09	17.40	50.51	5.39	8.0
B-1	CI	GRATE	CI	85.22	1292.35	1292.72	1291.50	1.0	1298.64	1296.54	1.00	-	1.00	11.38	2.40	N/A

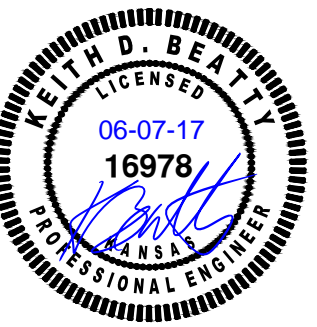
GENERAL NOTES:

- \* 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 SAHLL BE IN ACCORDANCE WITH THE CITY DESIGN MANUAL.



TABLE FOR STORMWATER SEWER DESIGN INFORMATION

CITY ENGINEER <b>GARY JANZEN, P.E.</b>		
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



1104 E. 12TH AVENUE  
EMPORIA, KANSAS 66801  
PH. (620) 208-5240 | FAX (785) 762-7744  
emp@kveeng.com | www.kveeng.com

**KAW VALLEY ENGINEERING**

KAW VALLEY ENGINEERING, INC., IS AUTHORIZED TO OFFER ENGINEERING SERVICES BY KANSAS STATE CERTIFICATE OF AUTHORIZATION # E-113. EXPIRES 12/31/18

CENTRAL AND NIMS SIGNALIZATION  
PROJECT NUMBER 472-85280  
WICHITA, KANSAS

TABLE FOR STORMWATER SEWER DESIGN INFORMATION

PROJ. NO.	F18D0205
DESIGNER	KDB
CFN	0205DET
SHEET	12 OF 36
REV	0

REV 0 6-7-17 BID SET DESCRIPTION

KDB DSN DWN CHK