SCHEDULE OF STORM SEWER INSTALLATIONS (SMOOTH PIPE SYSTEM)

ROUTING SEQUENCE FROM	TO	INSTALL LOCATIONS STA.	ROUTE	OFFSET	TYPE OF INSTALLATION 1	2	3	4	5	6	7	8	DIMENSIONS L (FT.)	W (FT.)	H (FT.)	ELEVATIONS TOP ⊛	FLOOR
LINE H																	
H14	H13a	119+82.00	West St.	33.50′ Rt.			1						15.0	3.0	7.0	1293.98	1287.59
H13a	EXMH22	119+81.00	West St.	31.00′ Lt.	1								6.2	8.5	7.0	1293.62	1287.21
H13b	H13a	119+88.00	West St.	31.00′ Lt.	1								6.2	8.5	7.0	1293.63	1287.46
H9a	H10a	112+34.70	West St.	31.00′ Rt.	1								6.2	9.5	8.0	1293.70	1286.26
H9b	H10b	112+41.70	West St.	31.00′ Rt.	1								6.2	9.5	8.0	1293.70	1286.38
H10a	H10b	112+34.70	West St.	31.00′ Lt.	1								6.2	9.5	8.5	1293.70	1286.17
H10b	H12a	112+41.70	West St.	31.00′ Lt.	1								6.2	9.5	8.5	1293.70	1286.17
H12a	H12b	114+25.00	West St.	31.00′ Lt.	1								6.2	9.5	9.0	1294.21	1286.06
H12b	EXMH20	114+32.00	West St.	31.00′ Lt.	1								6.2	9.5	9.0	1294.21	1286.05
EXMH19	MH15	115+32.80	West St.	29.06′ Rt.									-	-	-	1294.60	1291.00
MH15	H9b	114+28.50	West St.	25.50′ Rt.		1							4.0	4.0	5.0	1294.33	1290.20
H1	MH14	103+76.00	West St.	40.50′ Rt.			1						10.0	4.0	5.0	1295.16	1291.00
MH14	EXMH15	104+26.00	West St.	104.30′ Rt.		1							4.0	4.0	6.0	1295.48	1290.28
MH31	H3a	105+14.00	West St.	40.50′ Rt.		1							8.0	6.0	8.0	1294.85	1287.42
H3a	H3b	106+38.51	West St.	33.87′ Rt.	1								6.2	9.5	6.5	1293.18	1287.30
H3b	EXMH21	106+45.52	West St.	33.61′ Rt.	1								6.2	9.5	6.5	1293.18	1287.30
EXMH21	H6a	107+09.73	West St.	36.27′ Rt.									-	-	-	1293.84	1287.24
H6a	H6b	108+41.00	West St.	31.00′ Rt.	1								6.2	7.5	8.0	1293.85	1286.84
H6b	EXMH17	108+48.00	West St.	31.00′ Rt.	1								6.2	7.5	8.0	1293.85	1286.84
H11	MH15	114+28.66	West St.	35.00′ Rt.				1					10.0	5.0	5.0	1294.56	1290.35
H8	EXMH18	111+73.83	West St.	57.61′ Rt.									-	-	-	1294.67	1293.23
H5	EXMH17	109+20.56	West St.	57.44′ Rt.									-	-	-	1293.98	1291.72
H7	H6a	108+41.00	West St.	33.50′ Lt.			1						10.0	4.0	4.5	1294.19	1290.60
H2b	H2a	106+46.17	West St.	33.56′ Lt.	1								6.2	7.5	4.0	1293.18	1289.80
H2a	H3a	106+39.17	West St.	33.82′ Lt.	1								6.2	7.5	4.5	1293.18	1289.60
LINE J																	
J1	J2	118+36.61	West St.	86.00′ Rt.			1						10.0	4.0	4.5	1294.77	1291.17
J2	MH16	117+99.97	West St.	86.00′ Rt.				1					10.0	6.0	8.5	1294.71	1287.05
MH16	EXMH22	117+93.50	West St.	29.00′ Rt.		1							7.0	5.0	8.5	1294.36	1286.65
J3a	J3b	117+59.00	West St.	31.00′ Rt.	1								6.2	7.5	4.5	1294.46	1290.64
J3b	MH16	117+66.00	West St.	31.00′ Rt.	1								6.2	7.5	4.5	1294.46	1290.64
LINE K																	
K11	K2	90+84.12	West St.	27.53′ Lt.					1				8.5	3.0	3.5	1291.94	1289.21
K2	EXMH9	90+72.15	West St.	27.08′ Lt.	1								6.2	7.5	4.00	1291.94	1288..55
K1	EXMH9	90+72.50	West St.	29.35′ Rt.			1						10.0	4.0	4.00	1292.29	1289.00
K3	MH19	92+87.94	West St.	39.18′ Lt.				1					10.0	4.0	2.50	1292.70	1290.83
K4	MH19	93+65.33	West St.	68.00′ Lt.						1			2.0	4.0	3.0	1293.16	1291.06
MH19	MH20	93+62.28	West St.	46.12′ Lt.		1							4.0	4.0	3.00	1293.09	1290.72
MH20	EXMH10	93+83.50	West St.	22.00′ Lt.		1							7.0	5.0	5.00	1293.06	1289.02
Kin1	MH11	1075+99.46	Pawnee Ave.	83.74′ Rt.									-	-	-		1290.71
MH11	MH18	1076+09.00	Pawnee Ave.	71.18′ Rt.		1							6.0	6.5	5.5	1295.25	1290.36
MH18	K6	98+38.86	West St.	70.06′ Rt.		1							7.0	7.0	5.5	1294.88	1290.20
K6	MH10	97+54.72	West St.	42.50′ Lt.			1						10.0	6.0	5.5	1294.68	1290.09
MH10	MH9	97+51.00	West St.	17.50′ Lt.		1							7.0	7.0	5.5	1294.93	1290.04
MH9	MH20	94+85.00	West St.	17.50′ Lt.		1							7.0	5.0	4.0	1293.75	1290.65
K9	MH17	98+35.00	West St.	52.50′ Rt.			1						10.0	4.0	3.5	1294.83	1291.99
MH17	K8	97+54.00	West St.	55.00′ Rt.		1							4.0	4.0	5.0	1294.38	1289.94
K8	K7	96+18.00	West St.	52.50′ Rt.			1						10.0	4.0	5.0	1293.87	1289.55
K7	MH13	94+30.00	West St.	40.50′ Rt.			1						10.0	4.0	5.0	1293.29	1289.11
MH13	EXMH10	93+88.00	West St.	42.42′ Rt.		1							4.0	4.0	4.5	1292.81	1289.00
K5	MH9	94+85.00	West St.	42.50′ Lt.			1						10.0	4.0	3.5	1293.53	1290.75
K12	K8	96+35.92	West St.	84.49′ Rt.						1			2.0	4.0	3.5	1293.01	1290.24
K10	MH17	97+61.00	West St.	80.00′ Rt.						1			2.0	4.0	3.5	1294.06	1291.21
LINE L																	
L1	L2	1073+86.54	Pawnee Ave.	68.82′ Lt.			1						10.0	4.0	5.5	1295.70	1291.08
L2	Lout3	1074.04.00	Pawnee Ave.	38.50′ Rt.			1						10.0	4.0	5.0	1295.32	1290.95
Lin	L3	1076+03.57	Pawnee Ave.	192.29′ Lt.									-	-	-	1291.82	1290.83
L3	L4	1076+03.57	Pawnee Ave.	73.96′ Lt.			1						10.0	4.0	4.5	1294.18	1290.61
L4	MH11	1076+03.57	Pawnee Ave.	38.50′ Rt.			1						10.0	4.0	4.5	1293.94	1290.39
Lin2	EXINLET	1071+63.93	Pawnee Ave.	83.34′ Lt.									-	-	-	1295.00	1293.56
L5	Lout2	1072+85.00	Pawnee Ave.	20.72′ Lt.								1	4.0	4.0	3.5	1295.65	1292.77
LINE M																	
M2	M1	104+51.00	West St.	54.50′ Lt.			1						10.0	4.0	3.5	1294.39	1291.48
M1	Mout	103+00.00	West St.	54.50′ Lt.			1						10.0	4.0	5.0	1295.45	1291.20
M4	M2	104+42.10	West St.	83.00′ Lt.									-	-	-	1293.42	1292.65
LINE N																	
N1	MH25	201+79.71	SW Blvd.	77.40′ Lt.									-	-	-	1291.98	1291.98
MH25	N2	201+61.00	SW Blvd.	54.00′ Lt.		1							4.0	4.0	5.0	1293.57	1289.48
N2	MH30	201+61.00	SW Blvd.	26.50′ Rt.			1						10.0	4.0	5.5	1293.83	1289.15
MH30	E8	201+50.70	SW Blvd.	40.96′ Rt.		1							4.0	4.0	5.5	1293.72	1289.00
N3	MH30	201+91.20	SW Blvd.	58.28′ Rt.									-	-	-	1292.10	1288.27
Line Q																	
Q1	Qout	204+19.67	SW Blvd.	10.99′ Lt.						1			2.0	4.0	4.5	1294.42	1290.68
				TOTAL	47	31	46	3	3	6	1	2					

FROM	TO	INFLOW CONDUITS CONDUIT SIZE	FLOWLINE ELEV.	CONDUIT SIZE	FLOWLINE ELEV.	CONDUIT SIZE	FLOWLINE ELEV.	OUTFLOW CONDUIT CONDUIT SIZE	FLOWLINE ELEV.	PIPE LENGTHS 4" PVC	12" PVC	15" PVC	30" PVC	12" SWS	15" SWS	18" SWS	24" SWS	30" SWS	36" SWS	42" SWS	48" SWS	54" SWS	60" SWS	30"X19" HERCP	45"X29" HERCP	68"X43" HERCP	PIPE COLLARS
LINE H																											
H14	H13a							24"	1287.59								64.8										
H13a	EXMH22	24"	1287.46					Exist. 36"	1287.21																		
H13b	H13a	Exist. 24"	1287.54					24"	1287.46								7.0										
H9a	H10a	Exist. 54"	1286.38	54"	1286.38	Exist. 12"	1291.96	42"	1286.26											59.2							
H9b	H10b	54"	1286.38	18"	1289.65			42"	1286.38											59.2		7.0					
H10a	H10b	42"	1286.17					60"	1286.17														7.0				
H10b	H12a	60"	1286.17	42"	1286.17			Exist. 60"	1286.17																		
H12a	H12b	Exist. 60"	1286.06					60"	1286.06														7.0				
H12b	EXMH20	60"	1286.05					Exist. 60"	1286.05																		
EXMH19	MH15	Exist. 12"	1292.36					15"	1291.00						104.3												
MH15	H9b	15"	1290.22	18"	1290.22			18"	1290.20							186.8											
H1	MH14							18"	1291.00							79.9											
MH14	EXMH15	18"	1290.30	Exist. 18"	1290.29			Exist. 18"	1290.28																		
MH31	H3a	Exist. 54"	1287.81	Exist. 12"	1290.91			54"	1287.42																	123.6	
H3a	H3b	54"	1287.30	12"	1289.09	18"	1289.10	68"x43"	1287.30					16.7												7.0	1
H3b	EXMH21	68"x43"	1287.30					68"x43"	1287.30																	64.4	
EXMH21	H6a	68"x43"	1287.24					Exist. 54"	1287.24													42.5					1
H6a	H6b	18"	1290.00	54"	1286.84			54"	1286.84													7.0					
H6b	EXMH17	54"	1286.84					54"	1286.84													43.1					1
H11	MH15							18"	1290.35							12.0											
H8	EXMH18							15"	1293.23						11.4												1
H5	EXMH17							15"	1291.72						24.1												
H7	H6a							18"	1290.60							65.7											
H2b	H2a	Exist. 18"	1290.70					18"	1289.80							7.0											
H2a	H3a	18"	1289.80					18"	1289.60							65.9											
LINE J																											
J1	J2							18"	1291.17							41.2											
J2	MH16	18"	1291.00	Exist. 42"	1287.05			42"	1287.05											57.1							
MH16	EXMH22	42"	1286.70	18"	1290.30			2-Exist. 30"	1286.65																		
J3a	J3b							18"	1290.64							7.0											
J3b	MH16	18"	1290.64					18"	1290.64							27.5											
LINE K																											
K11	K2							15"	1289.21						12.1												
K2	EXMH9	15"	1288.62	3 - 4" PVC				Exist. 15"	1288..55	15.3																	
K1	EXMH9							18"	1289.00							26.0											
K3	MH19							15"	1290.83						74.6												
K4	MH19							15"	1291.06						22.1												
MH19	MH20	15"	1290.72	15"	1290.72			15"	1290.72						14.0												
MH20	EXMH10	Exist. 15"	1289.34	2 - 24"	1289.02			Exist. 30"	1289.02																		
Kin1	MH11							45"x29"	1290.71																10.5		
MH11	MH18	45"x29"	1290.36	45"x29"	1290.36			45"x29"	1290.36																84.6		
MH18	K6	45"x29"	1290.23					45"x29"	1290.20																87.8		
K6	MH10	45"x29"	1290.09					45"x29"	1290.09																27.8		
MH10	MH9	45"x29"	1290.04					24"	1290.04								532.0										
MH9	MH20	24"	1289.31	24"	1289.31	18"	1290.65	24"	1290.65								203.4										
K9	MH17							18"	1291.99							81.0											
MH17	K8	18"	1290.34	15"	1290.61			18"	1289.94							136.0											
K8	K7	18"	1289.55	15"	1290.12			18"	1289.55							188.4											
K7	MH13	18"	1289.11					18"	1289.11							42.0											
MH13	EXMH10	18"	1289.00					18"	1289.00							36.6											
K5	MH9							18"	1290.75						26.5												
K12	K8							15"	1290.24						35.3												
K10	MH17							15"	1291.21						26.0												
LINE L																											
L1	L2							45"x29"	1291.08																111.8		
L2	Lout3	45"x29"	1290.95					45"x29"	1290.95																34.0		
Lin	L3							2 - 24"	1290.83								226.4										
L3	L4	2 - 24"	1290.61					2 - 30"x19"	1290.61															231.0			
L4	MH11	2 -30"x19"	1290.39					45"x29"	1290.39																31.6		
Lin2	EXINLET							15"	1293.56						9.7												1
L5	Lout2							18"	1292.77							86.7											
LINE M																											
M2	M1	18"	1291.48	18"	1291.81			24"	1291.48							11.1	151.0										1
M1	Mout	24"	1291.20					30"	1291.20									55.5									
M4	M2							18"	1292.65							26.2											
LINE N																											
N1	MH25							18"	1291.98							28.5											
MH25	N2	18"	1289.53					18"	1289.48							82.0											
N2	MH30	18"	1289.25					24"	1289.15								16.3										
MH30	E8	24"	1289.10	24"	1289.16			24"	1289.00								104.2										
N3	MH30							24"	1288.27								38.6										
Line Q																											
Q1	Qout							18"	1290.68							68.2											
									TOTAL	15.3	5.1	17.6	135.0	75.1	827.0	2822.8	2936.3	1188.8	560.1	239.5	55.7	159.4	14.0	231.0	388.1	195.0	15.0

Legend
1 - Type II Special
2 - Reinf. Manhole
3 - Type I Inlet
4 - Type IA Inlet
5 - Grated Double
6 - Double Drop
7 - Sinlge Drop
8 - Area Inlet

END SECTIONS

LABEL	STA.	OFFSET	SIDE	END SECTION SIZE RC 15"	RC 18"	RC 24"	RC 30"	RCHE 45"X29"
Mout	102+48.61	87.00	Lt.				1	
Hin	103+94.85	111.44	Rt.		1			
M4	104+42.10	83.00	Lt.		1			
H5	109+20.56	57.44	Rt.	1				
H8	111+73.83	57.61	Rt.	1				
Lin2	1071+63.93	83.34	Lt.	1				
Lout2	1072+87.20	68.18	Rt.		1			
Lout3	1073+73.75	77.83	Rt.					1
Kin1	1075+99.46	83.74	Rt.					1
Lin	1076+01.39	129.29	Lt.			1		
Lin	1076+05.75	192.29	Lt.			1		
N1	201+79.71	77.40	Lt.		1			
N3	201+91.20	58.28	Rt.			1		
Q1	203+96.92	55.81	Rt.		1			
		TOTALS (EA.)		3	5	3	1	2

DRAINAGE STRUCTURES

STA.	SIDE	SIZE	TYPE	ENTRANCE PIPES RCP 18"	END SECTIONS RCP 18"	REMARKS
207+00.00	Rt.	15"	RCP	25.0′	2	Entrance Pipe

PIPE CULVERT SUMMARY

STA.	TYPE	SIZE OR BID DESIGNATION SQ. FT.	FLOW LINE IN	FLOW LINE OUT	LIN. FT. OF PIPE	HEIGHT OF FILL (MAX) FT.	CONCRETE PIPE AASHTO CLASS NO.	REMARKS
207+00.00	RCP	18"	1291.73	1291.64	25.0′	5	III	Entrance Pipe

IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING

TRANSYSTEMS
245 N. WACO
SUITE 222
WICHITA, KANSAS 67202
MAIN: 316-303-3000
FAX: 316-462-5629

CONSULTANTS:

WEST STREET IMPROVEMENTS
FROM PAWNEE TO HARRY

WICHITA, KANSAS

CITY OF WICHITA

REVISIONS: MARK | DATE | DESCRIPTION

PROJ NO: 87 N-0720-01
SCALE: 1"=1'
DATE: 9/25/2023
DESIGNED BY: MLC
DRAWN BY: LCV
CHECKED BY: MDB

SHEET TITLE:
SCHEDULE OF STORM SEWER

SHEET NO. 78

lcvohs 9/25/2023 - 6:23:08 PM - c:\transystems\pw_local\transyscorp-pw1\a-e_lcvohs\d0984549\RD049.DGN