SCHEDULE OF STORM SEWER INSTALLATIONS (SMOOTH PIPE SYSTEM)

ROUTING SEQUENCE		LOCATIONS OF INSTALL: STATIONING				TYPE OF INSTALLATION							DIMENSIONS			ELEVATIONS		INFLOW CONDUITS						OUTFLOW CONDUIT		PIPE LENGTHS					
FROM	TO	REF.	NUMBER	ROUTE	DISTANCE LT./RT.	TYPE I	TYPE II DOUBLE	GRATED DRIVEWAY SINGLE	MANHOLE				L (FT.)	W (FT.)	H (FT.)	TOP	FLOOR	CONDUIT SIZE	FLOWLINE ELEV.	CONDUIT SIZE	FLOWLINE ELEV.	CONDUIT SIZE	FLOWLINE ELEV.	CONDUIT SIZE	FLOWLINE ELEV.	12" PVC	15" RCP	18" RCP	30" RCP	30"x14" HERCP	6" PVC ROOF DRAIN
LINE A																															
A1	A2	20	01.50	Sycamore Street	12.00' Rt.			1					4.5	3.0	4.5	†1302.15	1298.70							18"	1298.70			103.5			
A2	A3	18	98.00	Sycamore Street	12.00' Rt.			1					4.5	3.0	4.5	†1301.80	1298.35	18"	1298.40					18"	1298.35			104.0			
A3	A4	17	94.00	Sycamore Street	12.00' Rt.			1					4.5	3.0	4.5	†1301.25	1297.70	18"	1297.80					18"	1297.70			104.0			
A4	MH1	16	90.00	Sycamore Street	12.00' Rt.			1					4.5	3.0	4.5	†1300.21	1296.85	18"	1296.95	23"x14"	1297.05			18"	1296.85			43.1			
MH1	A5	16	47.29	Sycamore Street	18.00' Rt.				1				3.0	3.0	4.0	1299.85	1296.50	18"	1296.65	15"	1297.00			18"	1296.50			68.4			
A5	A6	15	79.00	Sycamore Street	12.00' Rt.			1					4.5	3.0	4.5	†1298.98	1295.70	18"	1295.75					18"	1295.70			65.0			
A6	A7	15	14.00	Sycamore Street	12.00' Rt.			1					4.5	3.0	4.5	†1298.67	1295.20	18"	1295.25					18"	1295.20			63.0			
A7	A8	14	51.00	Sycamore Street	12.00' Rt.			1					4.5	3.0	5.0	†1298.62	1294.70	18"	1294.75	23"x14"	1294.80			18"	1294.70			61.5			
A8	A9	13	89.50	Sycamore Street	12.00' Rt.			1					4.5	3.0	5.5	†1298.32	1294.05	18"	1294.10	18"	1294.70			18"	1294.05			107.5			
A9	A10	12	82.00	Sycamore Street	12.00' Rt.			1					4.5	3.0	6.0	†1297.89	1292.75	18"	1292.90					18"	1292.75			110.2			
A10	MH2	11	72.00	Sycamore Street	14.11' Rt.	1							10.0	3.0	8.0	1298.12	1290.95	18"	1291.00	23"x14"	1292.00			30"	1290.95				9.0		
MH2	Exist. 36"VCP	11	75.59	Sycamore Street	23.81' Rt.				1				5.0	5.0	8.5	1298.27	1290.30	30"	1290.90	12"	1291.51			Exist. 36"	1290.30						
LINE B																															
B1	B2	19	20.70	Sycamore Street	24.04' Lt.	1							10.0	3.0	4.5	1302.03	1298.40							18"	1298.40			97.2			
B2	B3	18	24.00	Sycamore Street	14.04' Lt.	1							5.0	3.0	4.5	1301.82	1297.90	18"	1297.95					23"x14"	1297.90					134.0	
B3	A4	16	90.00	Sycamore Street	14.04' Lt.	1							5.0	3.0	4.0	1300.56	1297.15	23"x14"	1297.25					23"x14"	1297.15					28.7	
LINE C																															
C1	C2	16	19.00	Sycamore Street	28.83' Lt.		1						6.3	3.3	4.5	†1299.08	1295.75							15"	1295.75		75.0				
C2	C3	15	44.00	Sycamore Street	28.83' Lt.		1						6.3	3.3	4.0	†1298.40	1295.30	15"	1295.35					15"	1295.30		88.0				
C3	A7	14	56.00	Sycamore Street	28.83' Lt.		1						6.3	3.3	4.5	†1298.31	1294.95	15"	1295.05					23"x14"	1294.95					43.7	
LINE D																															
D1	A8	13	90.34	Sycamore Street	20.00' Lt.		1						6.3	3.3	4.5	†1298.16	1294.80	12"	1295.45					18"	1294.80			34.6			
LINE E																															
E1	E2	12	82.00	Sycamore Street	28.83' Lt.		1						6.3	3.3	5.0	†1297.55	1293.50							18"	1293.50			49.0			
E2	EX1	12	33.00	Sycamore Street	28.83' Lt.		1						6.3	3.3	5.5	†1297.61	1293.25	18"	1293.35					18"	1293.25			52.5			
EX1	A10	11	86.75	Sycamore Street	14.04' Lt.	1							5.0	3.0	6.0	1298.00	1292.90	18"	1293.10	18"	1293.55	6"	1293.57	23"x14"	1292.90			4.1		32.8	4.1
LINE TGC																															
Exist. TGC Inlet	MH1	16	70.84	Sycamore Street	50.14' Rt.											1302.63	1298.31							15"	1298.31		39.9				
MCLEAN																															
F1	Exist. 15" RCP	21	40.29	McLean Boulevard	51.34' Lt.	1							5.0	3.0	5.5	1301.60	1296.85							15"	1296.85						
GREENWAY																															
Greenway	D1	13	66.19	Greenway	53.08' Lt.																			12"	1295.90	39.2					
					TOTAL	6	6	9	2																TOTAL	39.2	202.9	1067.6	9.0	239.2	4.1

†Top Elevation for the Grated Driveway Inlets is the elevation to the high edge of curb

REMOVAL OF SWS PIPE

STATION	LOCATION	DESCRIPTION
11+61.97	Rt.	9.2 L.F. 15" VCP
11+86.36	Lt.	41.1 L.F. 18" RCP
11+86.36	Lt.	4.1 L.F. 18" RCP
11+86.36	Lt.	4.1 L.F. 6" PVC
13+29.39	Rt.	150.6 L.F. 15" RCP
13+29.39	Rt.	10.3 L.F. 15" RCP
13+50.10	Lt.	38.3 L.F. 15" RCP
15+75.61	Rt.	242.6 L.F. 15" RCP
15+75.61	Rt.	47.5 L.F. 15" RCP
15+75.61	Rt.	66.1 L.F. 15" RCP
16+43.54	Lt.	30.5 L.F. 15" RCP
16+45.02	Rt.	42.1 L.F. 15" RCP
21+36.39	Rt.	6.8 L.F. 15" RCP

CONNECT TO EXISTING STRUCTURES

STATION	OFFSET	SIDE
16+70.84	50.14'	Rt.
TOTALS (EA.)		1

SUMMARY OF STORM QUANTITIES

ITEM	QUANTITY	UNIT
Pipe Removed	694	L.F.
Pipe, SWS 6" (PVC)	4	L.F.
Pipe, SWS 12" (PVC)	39	L.F.
Pipe, SWS 15" (RCP)	203	L.F.
Pipe, SWS 18" (RCP)	1068	L.F.
Pipe, SWS 30" (RCP)	9	L.F.
Pipe, SWS, HERCP (23"x14")	239	L.F.
Inlet, Curb (Type 1)(L=5.0', W=3.0')	4	EA.
Inlet, Curb (Type 1)(L=10.0', W=3.0')	2	EA.
Inlet, Curb (Type 2)(L=6'2 1/2", W=3'4 3/8")	6	EA.
Inlet, Grated Driveway, Single	9	EA.
MH, Reinforced Concrete (L=3.0', W=3.0')	1	EA.
MH, Reinforced Concrete (L=5.0', W=5.0')	1	EA.
Fill, Sand (Flushed & Vibrated)(SWS)	1562	L.F.
Fill, Sand (Flushed & Vibrated)(SWS)(Removal)	694	L.F.
Inlet Hookup	12	EA.
Inlet Underdrain	120	L.F.
Connect to Existing Structures	1	EA.

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SUITE 222
WICHITA, KANSAS 67202
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LK ARCHITECTURE, INC.
345 RIVERVIEW
SUITE 200
WICHITA, KANSAS 67208
PHONE: 316-268-0230

SYCAMORE STREET IMPROVEMENTS
WICHITA, KANSAS

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: 472-85463
SCALE: N.T.S.
DATE: 6/1/2020
DESIGNED BY: TAU
DRAWN BY: TAU
CHECKED BY: MDB

SHEET TITLE:
SCHEDULE OF STORM SEWER

SHEET NO.
32
SHEET 32 OF 97

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