



WATERLINE IMPROVEMENTS TO SERVE

TOPEKA STREET FROM LEWIS TO ENGLISH

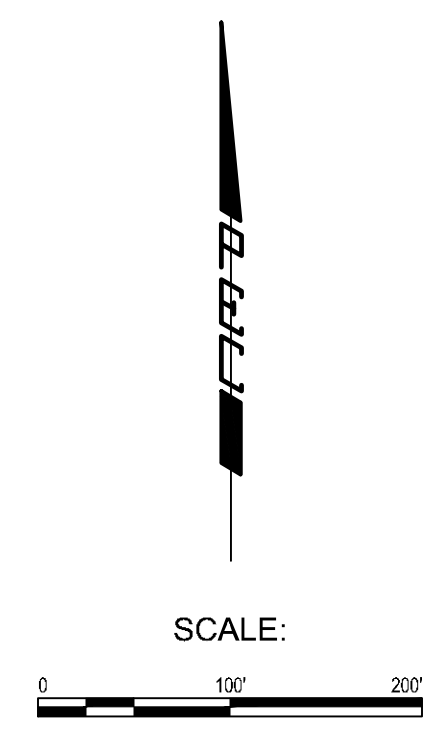
GARY JANZEN, P.E. - CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-2020-

Issue:	
JOB NO.	35-207042-002-0042
DATE	SEPTEMBER 2021
PM	RWG
DESIGNED BY	TBK
DRAWN BY	KTD
CHECKED BY	RWG
KEY MAP, BUBBLE MAP AND CONTROL	

C003

LEGEND

	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
	EXISTING BLOW OFF
	PROPOSED BLOW OFF
	DENOTES CAP OR PLUG



HORIZONTAL DATUM/COORDINATE SYSTEM: NAD 83 KANSAS SOUTH ZONE
PROJECT COORDINATE SYSTEM: (GRID) ON DESCRIBED COORDINATE SYSTEM
VERTICAL DATUM: NAVD 88

BMK 201
SQUARE CUT ON THE NORTHWEST CORNER OF CURB INLET LID, SOUTH OF THE SOUTH CURB RETURN ON THE SOUTHWEST CORNER OF LEWIS & TOPEKA
EL= 1296.48 (NAVD88)

BMK 202
SQUARE CUT NORTHEAS CORNER OF THE CONCRETE BASE OF THE FIRST LIGHT POLE WEST OF BANK OF AMERICA SIGN, ON THE SOUTHWEST CORNER OF WATERMAN & TOPEKA
EL= 1299.85 (NAVD88)

BMK 203
SQUARE CUT NEAR BACK OF CURB ON THE EAST CURB RETURN OF BACK OF CURB ON THE NORTHEAST
EL= 1295.43 (NAVD88)

CP-101
N: 1683790.776 E: 1649648.466
MAG NAIL NEAR INTERSECTION OF SIDEWALK RAMP AND THE NORTH EDGE OF SIDEWALK ON THE SOUTHWEST CORNER OF LEWIS & TOPEKA
1. 10.9 N TO THE SOUTH BACK OF CURB ALONG LEWIS
2. 13.4 E TO THE WEST BACK OF CURB ALONG TOPEKA
3. 12.4 SE TO A NORTHWEST BOLT ON TRAFFIC SIGNAL POLE

CP-102
N: 1684259.356 E: 1649640.367
MAG NAIL SET NEAR THE INTERSECTION OF SIDEWALKS ON THE SOUTHWEST CORNER OF WATERMAN & TOPEKA
1. 1 W TO THE BACK OF SIDEWALK ALONG TOPEKA
2. IN LINE WITH THE BACK OF SIDEWALK ALONG WATERMAN
3. 8.3 ESE TO A NORTHWEST BOLT ON TRAFFIC SIGNAL POLE

CP-103
N: 1684810.554 E: 1649700.468
MAG NAIL SET IN SIDEWALK JOINT ON THE NORTHEAST CORNER OF ENGLISH & TOPEKA
1. 2.6 W TO THE EAST BACK OF CURB ON TOPEKA
2. 20.3 S TO THE NORTH BACK OF CURB ON ENGLISH
3. 13.6 SE TO THE SOUTHWEST CORNER OF CASADO & MCKAY BUILDING

CL TOPEKA STREET

COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
6000	1,683,695.6378	1,649,690.0530	494+00.00	PI
6001	1,684,817.5463	1,649,669.4299	505+22.00	PI

(6000) = COORDINATE POINT NO.

WATER LINE NO. 1

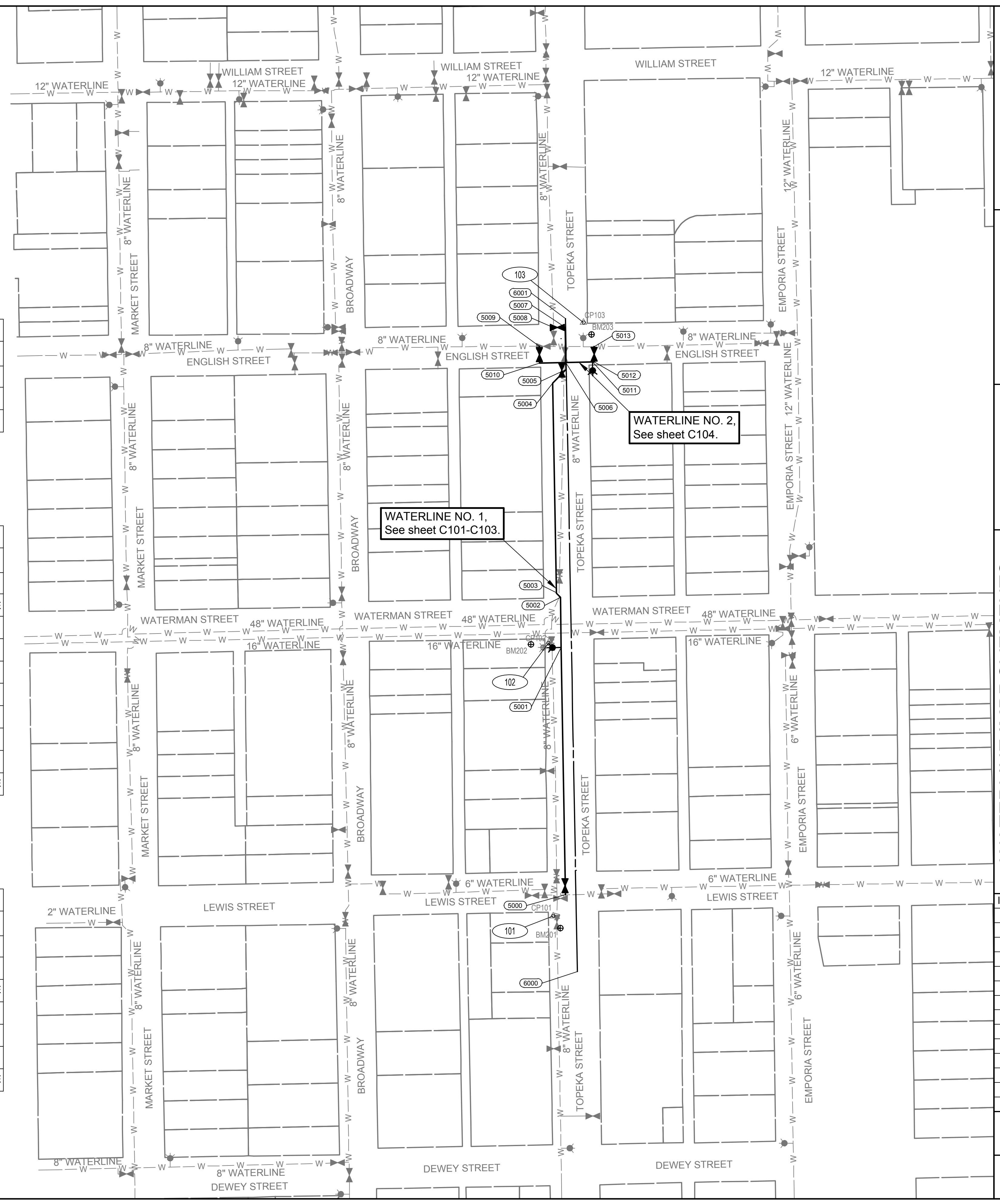
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
5000	1,683,827.2607	1,649,669.2746	10+00.00	TAPPING SLEEVE
5001	1,684,252.2387	1,649,661.9388	13+84.00	FIRE HYDRANT
5002	1,684,338.5542	1,649,661.1125	15+11.36	45° BEND
5003	1,684,346.4414	1,649,653.9857	15+21.99	45° BEND
5004	1,684,706.2051	1,649,647.5792	18+82.47	45° BEND
5005	1,684,730.0026	1,649,670.5150	19+04.19	45° BEND
5006	1,684,741.9675	1,649,670.2944	19+23.51	CROSS
5007	1,684,802.3033	1,649,669.1819	19+83.89	90° BEND
5008	1,684,801.9356	1,649,649.2405	19+96.69	TAPPING SLEEVE

(5000) = COORDINATE POINT NO.

WATER LINE NO. 2

COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
5006	1,684,741.9675	1,649,670.2944	10+75.02	CROSS
5009	1,684,770.0282	1,649,624.4545	10+00.00	TAPPING SLEEVE
5010	1,684,740.9631	1,649,624.9513	10+29.08	90° BEND
5011	1,684,743.0560	1,649,715.9284	10+32.00	FIRE HYDRANT
5012	1,684,743.1275	1,649,718.9275	11+22.93	90° BEND
5013	1,684,769.0472	1,649,718.6431	11+49.21	TAPPING SLEEVE

(5000) = COORDINATE POINT NO.



SAVED 9/10/2021 1:19:17 PM BY KURTIS DEKAT
PLOTTED 9/20/2021 10:22:35 AM BY KURTIS DEKAT
U:\WICHITA-CIVIL\2020\207042\002\MIDDRAWINGS\207042-002-C003-KEY MAP, BUBBLE MAP AND CONTROL.DWG