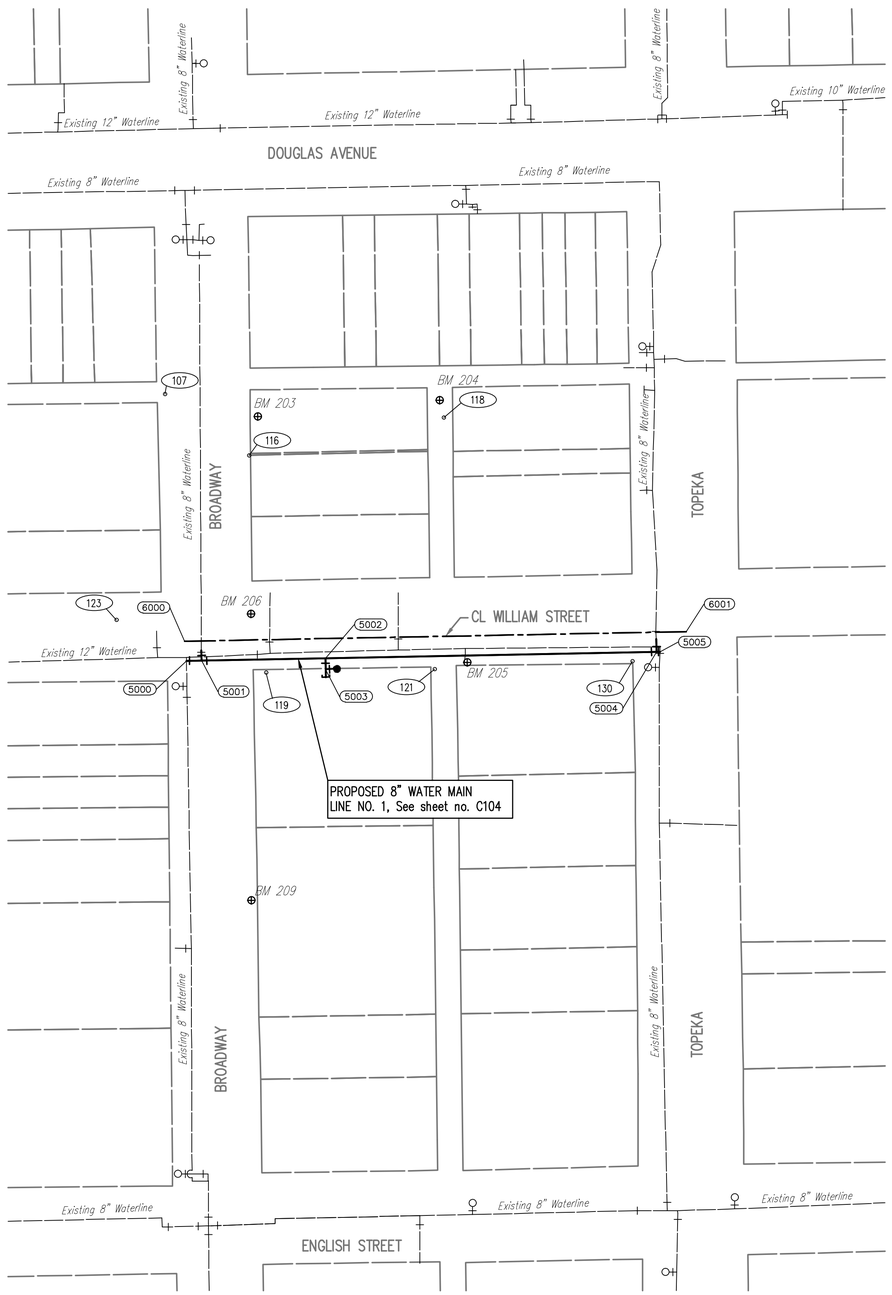


SCALE: 1" = 60'

0 60 120

SCALE IN FEET

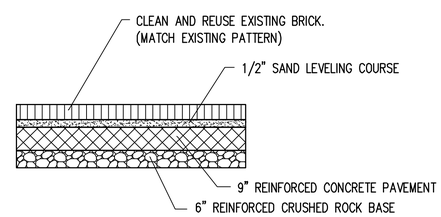
LEGEND

- EXISTING WATER MAIN
- PROPOSED WATER MAIN
- EXISTING WATER VALVE
- PROPOSED WATER VALVE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EXISTING BLOW OFF
- PROPOSED BLOW OFF

WATER LINE NO. 1				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
5000	1,685,207.6102	1,649,265.8720	0+00.00	TAPPING VALVE
5001	1,685,207.8408	1,649,277.8468	0+11.98	TEE
5002	1,685,209.7284	1,649,375.8516	1+10.00	TEE
5003	1,685,200.9195	1,649,376.0220	1+10.00	FIRE HYDRANT
5004	1,685,214.7806	1,649,638.1791	3+72.38	TEE
5005	1,685,214.8336	1,649,640.9288	3+75.13	TAPPING VALVE

CL WILLIAM				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
6000	1,685,223.0869	1,649,264.2747	49+80	PI
6001	1,685,230.7369	1,649,661.4844	53+77	PI

(6000) = COORDINATE POINT NO.



NOTES:

1. A 1/2" BEDDING COURSE OF SHARP CONCRETE SAND SHALL BE PLACED ON THE CONCRETE BASE. THE SAND SHALL BE LOOSELY SCREENED, NOT COMPACTED, BEFORE PLACEMENT OF THE PAVERS.
2. PAVERS SHALL BE LAID WITH 1/8" JOINTS, THEN LEVELED AND BEDDED USING A PLATE VIBRATOR. EXCESS SAND SHALL BE SWEPT OFF AFTER VIBRATING. FINISHED PAVERS SURFACE SHALL BE 1/8" TO 1/4" ABOVE CONCRETE IN ALL LOCATIONS WHERE PAVERS ABUT HEADER, CURB, WALK, OR OTHER PAVEMENT.
3. JOINT SPACING IN CONCRETE BASE NOT TO EXCEED 12' IN ANY DIMENSION.

BRICK PAVEMENT REMOVAL AND REPLACEMENT

NOT TO SCALE

BENCH MARK LIST ⊕ BM #1

BM 203. ELEVATION: 1298.26 NAVD88
CHISELED SQUARE AT EAST CURB RETURN; SE CORNER OF BROADWAY AND THE ALLEY SOUTH OF DOUGLAS AND NORTH OF WILLIAM STREET.

BM 204. ELEVATION: 1296.88 NAVD88
CHISELED SQUARE ON SE CORNER OF STORM DRAIN AREA INLET IN CENTER OF INTERSECTION OF ALLEYWAYS; 1/2-BLOCK EAST OF BROADWAY; 1/2-BLOCK SOUTH OF DOUGLAS.

BM 205. ELEVATION: 1296.51 NAVD88
CHISELED SQUARE ON TOP OF CURB; SOUTH SIDE OF WILLIAM STREET; TOP OF WHEELCHAIR RAMP AT EAST SIDE OF ALLEY; 1/2-BLOCK EAST OF BROADWAY.

BM 206. ELEVATION: 1298.29 NAVD88
CHISELED SQUARE; 4.6 FT. WEST OF NE CORNER OF WHEELCHAIR RAMP ON NORTH SIDE OF WILLIAM STREET; 5 FT. EAST OF BACK OF EAST CURB OF BROADWAY.

BM 209. ELEVATION: 1298.34 NAVD88
CHISELED SQUARE ON TOP OF EAST CURB OF BROADWAY; 185 FT. SOUTH OF SOUTH CURB OF WILLIAM STREET AND IN LINE WITH NORTH FACE OF PETROLEUM BUILDING TO THE WEST.

CONTROL POINTS (101)

CP-107. N: 1,685,418.6390, E: 1,649,248.5940
MAG NAIL AT BROADWAY AND ALLEY BETWEEN DOUGLAS AND WILLIAM STREETS.
IN CENTERLINE OF ALLEY.
IN CENTERLINE OF SIDEWALK ON WEST SIDE OF BROADWAY.
9.96' NW TO SE BUILDING CORNER.
8.73' SW TO NE BUILDING CORNER.
6.90' E TO BACK OF WEST CURB OF BROADWAY.

CP-116. N: 1,685,370.0190, E: 1,649,315.3460
CHISELED "X" IN CONCRETE.
EAST SIDE OF BROADWAY, BETWEEN DOUGLAS AND WILLIAM STREETS.
50' N TO CENTER OF ALLEYWAY TO THE WEST.
5.82' W TO BACK OF EAST CURB OF BROADWAY.
2.75' N TO CENTER OF WATER METER.
6.7' SOUTH AND 3.9' EAST TO NW CORNER OF BUILDING.

CP-118. N: 1,685,400.2240, E: 1,649,469.6440
MAG NAIL AT SE CORNER OF INTERSECTION OF ALLEYS.
1/2-BLOCK EAST OF BROADWAY.
1/2-BLOCK SOUTH OF DOUGLAS.
AT EAST END OF NORTH EDGE OF EAST-WEST BRICK CROSSWALK.
4.28' E TO WEST FACE OF NORTH ONE OF TWO GUARD POSTS.

CP-119. N: 1,685,198.1030, E: 1,649,328.8390
CHISELED "X" IN CONCRETE SIDEWALK.
ESE OF BROADWAY AND WILLIAM.
4.57' N TO BACK OF SOUTH CURB OF WILLIAM STREET.
5.84' S TO NE CORNER OF CONCRETE PAD FOR TRAFFIC SIGNAL POLE.

CP-121. N: 1,685,200.9520, E: 1,649,462.3660
MAG NAIL ON WILLIAM, EAST OF BROADWAY.
IN CONCRETE JOINT ALONG WEST EDGE OF ALLEY GOING SOUTH THROUGH PARKING LOT.
7.03' N TO SOUTH EDGE OF ASPHALT FOR WILLIAM.

CP-123. N: 1,685,239.8240, E: 1,649,210.4860
MAG NAIL ON WILLIAM, WEST OF BROADWAY.
7.73' S TO NORTH EDGE OF ASPHALT FOR WILLIAM STREET.
7.2' N TO CENTER OF BIRCH TREE.
45' E TO BACK OF WEST CURB OF BROADWAY.

CP-130. N: 1,685,207.1340, E: 1,649,619.0450
MAG NAIL IN ASPHALT PARKING LOT. AT SOUTH END OF 4TH NORTH-SOUTH PAINTED WHITE STRIPE WEST OF LIGHT POLE AND CURB ISLAND.
1. 110.00' NORTH TO SOUTH CURB OF WILLIAM STREET.
2. 104.00' WEST TO EAST CURB OF BROADWAY AVENUE.

PEC
PROFESSIONAL ENGINEERING CONSULTANTS
303 SOUTH TOPEKA
WICHITA, KS 67202
316-262-2691 www.pec1.com

CITY OF WICHITA

TREVOR KAUFMAN LICENSED 26008 05/19/2020 KANSAS PROFESSIONAL ENGINEER

WATERLINE IMPROVEMENTS
TO SERVE
WILLIAM STREET
FROM BROADWAY TO TOPEKA

GARY JANZEN, P.E. - CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-2020-000092

Issue:

JOB NO.	35-197042-014-0042
DATE	MAY 2020
PM	RWG
DESIGNED BY	TBK
DRAWN BY	KTD
CHECKED BY	RWG

BUBBLE MAP, HORIZONTAL AND VERTICAL CONTROL

C103

SAVED 5/18/2020 11:58:56 AM BY KURTIS.DEKAT
PLOTTED 5/19/2020 8:15:06 AM BY TREVOR KAUFMAN, PE
U:\WICHITA-CIVIL\2019\197042\014\MUNI\DRAWINGS\197042-014-C103-BUBBLE MAP, HORIZONTAL AND VERTICAL CONTROL.DWG