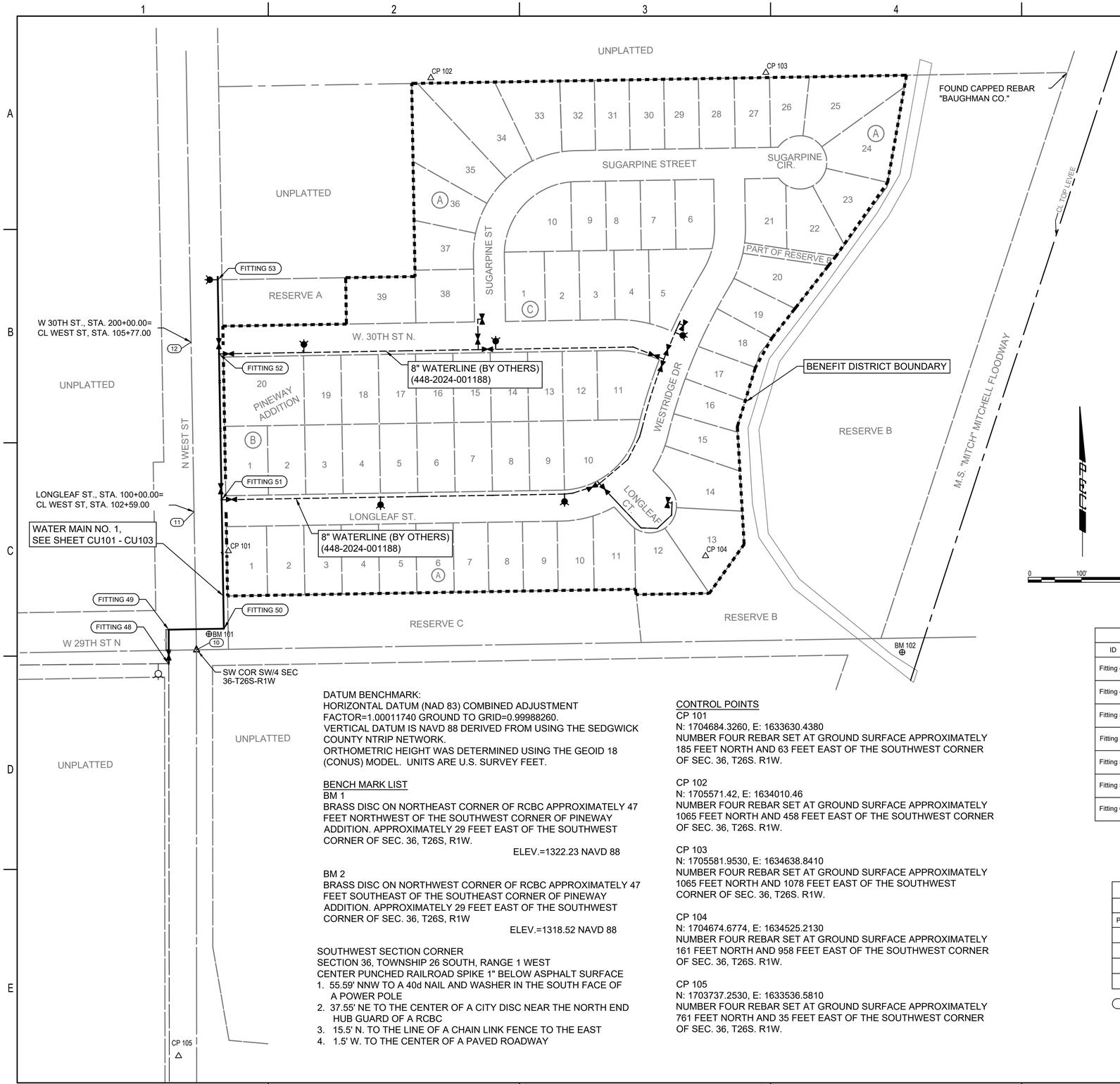

LEGEND

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

WATER LINE PHASE 1 BENEFIT DISTRICT
LOTS 1 THRU LOT 39, BLOCK A,
LOTS 1 THRU 20, BLOCK B, &
LOTS 1 THRU 5, BLOCK C
IN THE PINEWAY ADDITION TO WICHITA,
SEDGWICK CO, KANSAS.

DATUM BENCHMARK:
HORIZONTAL DATUM (NAD 83) COMBINED ADJUSTMENT FACTOR=1.00011740 GROUND TO GRID=0.99988260.
VERTICAL DATUM IS NAVD 88 DERIVED FROM USING THE SEDGWICK COUNTY NTRIP NETWORK.
ORTHOMETRIC HEIGHT WAS DETERMINED USING THE GEOID 18 (CONUS) MODEL. UNITS ARE U.S. SURVEY FEET.

BENCH MARK LIST

BM 1
BRASS DISC ON NORTHEAST CORNER OF RCBC APPROXIMATELY 47 FEET NORTHWEST OF THE SOUTHWEST CORNER OF PINEWAY ADDITION. APPROXIMATELY 29 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T26S, R1W.
ELEV.=1322.23 NAVD 88

BM 2
BRASS DISC ON NORTHWEST CORNER OF RCBC APPROXIMATELY 47 FEET SOUTHEAST OF THE SOUTHEAST CORNER OF PINEWAY ADDITION. APPROXIMATELY 29 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T26S, R1W
ELEV.=1318.52 NAVD 88

SOUTHWEST SECTION CORNER
SECTION 36, TOWNSHIP 26 SOUTH, RANGE 1 WEST
CENTER PUNCHED RAILROAD SPIKE 1" BELOW ASPHALT SURFACE
1. 55.59' NNW TO A 40d NAIL AND WASHER IN THE SOUTH FACE OF A POWER POLE
2. 37.55' NE TO THE CENTER OF A CITY DISC NEAR THE NORTH END HUB GUARD OF A RCBC
3. 15.5' N. TO THE LINE OF A CHAIN LINK FENCE TO THE EAST
4. 1.5' W. TO THE CENTER OF A PAVED ROADWAY

CONTROL POINTS

CP 101
N: 1704684.3260, E: 1633630.4380
NUMBER FOUR REBAR SET AT GROUND SURFACE APPROXIMATELY 185 FEET NORTH AND 63 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T26S. R1W.

CP 102
N: 1705571.42, E: 1634010.46
NUMBER FOUR REBAR SET AT GROUND SURFACE APPROXIMATELY 1065 FEET NORTH AND 458 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T26S. R1W.

CP 103
N: 1705581.9530, E: 1634638.8410
NUMBER FOUR REBAR SET AT GROUND SURFACE APPROXIMATELY 1065 FEET NORTH AND 1078 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T26S. R1W.

CP 104
N: 1704674.6774, E: 1634525.2130
NUMBER FOUR REBAR SET AT GROUND SURFACE APPROXIMATELY 161 FEET NORTH AND 958 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T26S. R1W.

CP 105
N: 1703737.2530, E: 1633536.5810
NUMBER FOUR REBAR SET AT GROUND SURFACE APPROXIMATELY 761 FEET NORTH AND 35 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T26S. R1W.

FITTING TABLE

ID	ALIGNMENT - STATION	COORDINATES	DESCRIPTION
Fitting 48	WM NO. 1, 10+00.00	N: 1,704,472.7161 E: 1,633,518.8467	EX. 16" X 16" TEE
Fitting 49	WM NO. 1, 10+63.69	N: 1,704,536.4077 E: 1,633,518.7683	12" 90° BEND
Fitting 50	WM NO. 1, 11+67.07	N: 1,704,538.2628 E: 1,633,622.0856	12" 90° BEND
Fitting 51	WM NO. 1, 14+08.74	N: 1,704,779.9025 E: 1,633,617.8795	12" X 8" TEE
Fitting 52	WM NO. 1, 16+82.24	N: 1,705,053.3604 E: 1,633,613.0731	12" X 8" TEE
Fitting 53	WM NO. 1, 18+21.29	N: 1,705,192.3890 E: 1,633,610.6078	FIRE HYDRANT ASSEMBLY
Fitting 63	WM NO. 1, 18+26.71	N: 1,705,197.8039 E: 1,633,610.5130	12" CAP

CL N WEST ST

COORDINATE LIST

POINT	NORTHING	EASTING	STATION	DESCRIPTION
10	1,704,498.5826	1,633,570.8149	100+00.00	PI
11	1,704,757.5432	1,633,566.2915	102+59.00	PI
12	1,705,075.4938	1,633,560.6761	105+77.00	PI
13	1,707,137.3053	1,633,524.4410	126+39.13	PI

(10) = COORDINATE POINT NO.

NOTE: WATERLINE VALVES TO BE OPERATED BY CONTRACTOR ONLY IF WATER DEPARTMENT REPRESENTATIVE IS ON SITE.

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

CITY OF WICHITA

KEVIN P. GRAHAM LICENSED 27806 08/28/2024 KANSAS PROFESSIONAL ENGINEER

WATER DISTRIBUTION IMPROVEMENTS
12" WATER MAIN ALONG N WEST ST.
NORTH OF E 29TH ST N
PAUL GUNZELMAN CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-2024-011704

Issue:		

JOB NO.	221170-006
DATE	AUGUST 2024
PM	KPG
DESIGNED BY	KPG
DRAWN BY	HJW
CHECKED BY	TBK

WATER MAIN KEY MAP AND BUBBLE MAP

CU100

SAVED 7/23/2024 3:46:20 PM BY KURTIS.DEKAT
PLOTTED 8/28/2024 12:11:10 PM BY KEVIN GRAHAM
U:\WICHITA-CIVIL\2022\221170001\PEC\DRAWINGS\OFFSITE WATER\221170-006-CU100.DWG