NOTE:
CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING WATER LINES PRIOR TO CONSTRUCTION.

LINE 2

WOODROW ST.

N 1689287.04 E 1642466.44
STA. 4+90.95, WATERLINE 1 =
STA. 24+79.50 PINE AVE., 27.66' LT
1-8" MJ BEND 45°

REMOVE & REPLACE SIDEWALK & RAMPS AS NECESSARY

N 1689287.72 E 1642563.88
STA. 5+88.39, WATERLINE 1 =
STA. 25+76.95 PINE AVE., 27.69' LT
1-FIRE HYDRANT ASS'Y. (S)
L = 6'
BURY LINE ELEV. 1299.95
VALVE BOX ELEV. 1299.95

CAUTION! UNDERGROUN GAS

97.45 L.F. 8" PVC

9.0'

41+00

8.00'

N 1689287.77 E 1642570.88
STA. 5+95.39, WATERLINE 1 =
STA. 25+83.95 PINE AVE., 27.69' LT
1-8" MJ TEE
2-8" GV ASS'Y. (N & E)
VALVE BOX ELEVS. 1299.90
1-8" PExMJ BEND 45° (VERT.)(E)

N 1689287.79 E 1642573.52
STA. 5+98.03, WATERLINE 1 =
STA. 25+86.59 PINE AVE., 27.69' LT
1-8" MJ BEND 45° (VERT.)

50.55 L.F. 8" PVC

REMOVE & REPLACE SIDEWALK & RAMPS AS NECESSARY

LINE 1

9.1'

1626 W. PINE

1618 W. PINE

REMOVE & REPLACE CONCRETE SIDEWALK AS NECESSARY FOR WATER METER INSTALLATION (±24 SQ. FT. / METER)

STA. 6+51.34 TO STA. 9+59.32
DIRECTIONAL DRILL 307.97 L.F.
8" RJ PVC

ALLEY

1608 W. PINE

EXIST. 48" PCSC WATER MAIN

R/R WALK & RAMP AS NECESSARY TO INSTALL PIPE

N 1689295.27 E 1642939.71
STA. 9+64.26, WATERLINE 1 =
STA. 29+52.81 PINE AVE., 32.73' LT
CUT IN SWABBED 8" MJ BEND (90°)

1604 & 1602 W. PINE

2-8"x5 L.F. DICL PIPE
1-8" MJ BEND 90°
CONNECT TO 8" VALVE (LINE 1)
CONNECT TO NEW 8" TEE (EXIST. LINE)

CAUTION! UNDERGROUND GAS

10.9'

PORTER

CURB INLET TOP 1299.77 FL 1294.47

CURB INLET TOP 1299.88 FL 1294.30

CURB INLET TOP 1299.88 FL 1294.61

CURB INLET TOP 1300.61 FL 1295.51

CURB INLET TOP 1300.43 FL 1295.19

SWSMH TOP 1300.27

SWSMH TOP 1300.03

25+00

26+00

28+00

30+00

PINE AVE.

36.23 L.F. 8" PVC

EXIST. 6" C.I. WATERLINE

7.00 L.F. 8" DICL

N 1689288.16 E 1642626.83
STA. 6+51.34, WATERLINE 1 =
STA. 26+39.90 PINE AVE., 27.70' LT
1-8" MJ BEND 45° (VERT.)

2.76 L.F. 8" DICL

Black Hills Energy Gas Line

Kansas Gas Service Gas Line

EXISTING 8" C.I. WATERLINE

N 1689290.29 E 1642934.80
STA. 9+59.32, WATERLINE 1 =
STA. 29+47.87 PINE AVE., 27.78' LT
1-8" MJ TEE
1-8" MJ GATE VLV. ASS'Y. (N)
VALVE BOX ELEV.=MATCH EXIST.

48" VCP

54" VCP

15" VCP

SALVAGE EXISTING FH AND RETURN TO CITY YARD

REMOVE VALVE BOX

2.64 L.F. 8" DICL

SWSMH TOP 1300.42 FL 1291.16

N 1689288.14 E 1642624.07
STA. 6+48.58, WATERLINE 1 =
STA. 26+37.14 PINE AVE., 27.70' LT
1-8" MJ BEND 45° (VERT.)

REMOVE & REPLACE 28 S.Y. PAVEMENT.

CAP EXPOSED END OF EXISTING WL AND REMOVE VALVE BOX.

N 1689261.25 E 1642440.99
STA. 4+54.71, WATERLINE 1 =
STA. 24+53.88 PINE AVE., 2.00' LT
SEE PREVIOUS SHEET

WATER METER SUMMARY

BL Station	Lt./Rt.	Service (Long or Short)	Address	As Built
27+17	LT.	SHORT	1626 W. PINE	
27+25	LT.	SHORT	1620 W. PINE	
27+73	LT.	SHORT	1618 W. PINE	
28+24	LT.	SHORT	1610 W. PINE	
28+67	LT.	SHORT	1608 W. PINE	
28+78	LT.	SHORT	1604 W. PINE	

N

0 10' 20' 40' 60'
(IN FEET)

VERTICAL 0 5

1315 1310 1305 1300 1295 1290 1285 1280 1275

STA. 4+54.71 WATERLINE 1
SEE PREVIOUS SHEET
1295.61 TP

STA. 4+90.95 WATERLINE 1
1 - 8" MJ BEND 45°
1295.75 TP
5+00
1295.78 TP

5+50
1295.97 TP

STA. 5+88.39 WATERLINE 1
1 - FIRE HYDRANT ASSY.
STA. 5+95.39 WATERLINE 1
1 - 8" MJ TEE
1296.12 TP
1296.12 TP

STA. 5+98.03 WATERLINE 1
1 - 8" MJ BEND 45°(Vert.)
6+03.40 Exist. SWS
1293.50 TP

6+38.58 Exist. SWS
CAUTION! Gas Main
CAUTION! Gas Main
1293.50 TP

STA. 6+48.58 WATERLINE 1
1 - 8" MJ BEND 45°(Vert.)
STA. 6+51.34 WATERLINE 1
1 - 8" MJ BEND 45°(Vert.)
1296.23 TP

Gas Service
7+00
1296.33 TP

Gas Service
7+50
1296.44 TP

Gas Service
8+00
1296.54 TP

Gas Service
8+50
1296.65 TP

Gas Service
Gas Service
9+00
1296.76 TP

Gas Service
9+50
1296.86 TP

STA. 9+59.32 WATERLINE 1
1 - 8" MJ TEE
1296.88 TP

Existing Grade = Proposed Grade

CAUTION! CROSSING 2 GAS LINES, DEPTH AND SIZE UNKNOWN. ADJUST VERTICAL BENDS AS REQUIRED.

4+54.71 4+90.95 5+88.39 5+95.39 5+98.03 6+48.58 6+51.34 9+59.32

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(316) 264-8008

CHRISTOPHER MICHAEL BOHN
LICENSED
11631
12-3-20
KANSAS
PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

COWTOWN & MWTP
WATER LINES

WATERLINE 1
(2 of 4)

JOB NO.: 20T41002
DATE: DEC. 2020
DESIGNED BY: CMB
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
■

SHEET NUMBER 5 OF 13

File: L:\2020\20T41002 - Cowtown and MWTP Water Lines\Drawings\C3D\Sheets\WATERLINE 1 - (2).dwg Last Save: 12/3/2020 3:31 PM Last saved by: DRStandrich
Last plotted by: Standrich, Daryl R. Plot Style: ---- Plot Scale: 1:2.585 Plot Date: 12/11/2020 11:23 AM Plotter used: None