LEGEND

5000 = SEE SHEET NO. CU-100 FOR WATERLINE COORDINATES (TYP.)

= PROPOSED SILT FENCE

= PROPOSED CURB INLET PROTECTION

= PROPOSED AREA INLET PROTECTION

= PROPOSED DITCH CHECK

PLAN: LAT. & LONG. 0 20' 40' 80'

PROFILE: HORIZ. SAME AS ABOVE

VERT:

PROP. 12" SANITARY SEWER

29TH ST. N

39'

10+00

(ATT)

11+00

36" RCP

N WEST ST

100+00

SCR

SW COR SW/4
SEC 3-T26S-R1W

NE. CORNER
SEC 2, T27S, R1W

ELEC

GRAVEL ROAD

CL W 29TH ST. N = SL

N: 1,704,538.2628, E: 1,633,622.0856
STA. 11+67.07, WM NO. 1=
CL WEST ST, STA. 100+38.77, 52' R
INSTALL 12" 90° BEND
DEFL. = 90°00'00"
MATCH POINT

FITTING 50

101+00

CL N WEST STREET = SL

ASPHALT ROAD

102+00

N: 1,704,678.2637, E: 1,633,619.6688
STA. 13+07.09, WM NO. 1=
CL WEST ST, STA. 101+78.79, 52' R
INSTALL AIR RELEASE ASSEMBLY
SEE DETAIL, SHEET NO. CU503

FITTING 54

CAUTION !!!
PROPOSED 8"
SANITARY SEWER
(BY OTHERS)

103+00

N: 1,704,779.9025, E: 1,633,617.8795
STA. 14+08.74, WM NO. 1=
CL WEST ST, STA. 102+80.45, 52' R
INSTALL 12" X 8" TEE
1- 12" VALVE ASSEMBLY (N)
(BUTTERFLY VALVE)
TOP VALVE BOX EL.= 1324.3
CONNECT TO EXISTING WATERLINE (E)
MATCH POINT

FITTING 51

(ATT)

PROP. 12" SS (BY OTHERS)

TRC

16'

8'

12+00

13+00

13'

14+00

16'

8'

R/W LINE

RESERVE C

100' DRAINAGE EASEMENT
(MISC. BOOK 632, PAGE 124)

PINEWAY
ADDITION

1 A

25' SETBACK &
UTILITY ESMT.

R/W LINE

LIMITS PROPOSED
PAVEMENT
LONGLEAF STREET

PROP. 8" WATERLINE
(BY OTHERS)

PROP. SIDEWALK

7.5'

R/W LINE

1 B

R/W LINE

8" WATER LINE
& 8" VALVE
(BY OTHERS)

138.94 L.F. 12" PIPE

100.78 L.F. 12" PIPE

UNLESS NOTED OTHERWISE,
ELEVATIONS SHOWN ARE TOP OF PIPE.

WM NO. 1

1345
1340
1335
1330
1325
1320
1315
1310
1305
1300
1295

12" 90° BEND
MATCH POINT

AIR RELEASE ASSEMBLY

8" SANITARY SEWER
℄ = 1308.81'

12" X 8" TEE
MATCH POINT

EXISTING GROUND

PROPOSED GROUND

TOP OF PROPOSED
12" WATER MAIN

8.31'

1316.22
+67.03

1316.85

1318.75
+07.10

1318.88

1318.82
+08.74

1318.82

11+20
12+00
13+00
14+00
14+40

SAVED 8/27/2024 12:02:50 PM BY KEVIN.GRAHAM
PLOTTED 8/28/2024 12:11:32 PM BY KEVIN GRAHAM
U:\WICHITA-CIVIL\2022\221170001\PEC\DRAWINGS\OFFSITE WATER\221170-006-CU102.DWG

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 LINE NO. 1

CU102