N: 1,683,625.6930, E: 1,590,921.0204
STA. 15+77.88, WL NO. 1=
LAWSON CT., STA. 99+78.26, 28' L
1- 8" 11.25° VERT. BEND
(5014)

17.60 L.F. 8" PIPE

33.51 L.F. 8" PIPE

N: 1,683,626.4127, E: 1,590,972.5441
WL NO. 1, STA 16+29.41=
LAWSON, STA. 100+29.79, 28' L
DEFL. = 4°00'00"

28.67 L.F. 8" PIPE

N: 1,683,626.9724, E: 1,591,155.2593
WL NO. 1, STA. 18+12.18=
LAWSON, STA. 102+12.50, 26.00' LT
1 - FIRE HYDRANT ASSEMBLY
L = 4'
TOP VALVE BOX EL. = 1427.47
FH BURY LINE EL. = 1427.57
(5016)

19.04 L.F. 8" PIPE

WL LINE NO. 3
SEE SHEET NO. CU-107

N: 1683623.0842, E: 1590734.2781
WL NO. 1, STA. 13+91.12=
LAWSON CT., STA. 97+91.50, 28' L
PT CURVE
MATCH POINT

N: 1,683,625.6335, E: 1,590,916.7597
WL NO. 1, STA. 15+73.62=
WL NO. 2, STA. 26+00.00
1 - 8" X 8" TEE
3 - 8" VALVE ASSEMBLY (E, S, & W)
TOP VALVE BOX EL. = 1426.36 (E)
TOP VALVE BOX EL. = 1426.26 (S)
TOP VALVE BOX EL. = 1426.31 (W)
(5013)

RIGHT OF WAY

CULTIVATED FIELD

N: 1,683,624.8125, E: 1,591,001.1706
WL NO. 1, STA 16+58.08=
LAWSON, STA. 100+58.39, 26' L
DEFL. = 4°00'00"

N: 1,683,627.2522, E: 1,591,175.2598
WL NO. 1, STA. 18+32.18=
WL NO. 3, STA. 40+00.00
1 - 8" X 8" TEE
2 - 8" VALVE ASSEMBLY (W & E)
1- 8" (ANCHORED) VALVE ASSEMBLY (N)
TOP VALVE BOX EL. = 1427.55 (W)
TOP VALVE BOX EL. = 1427.66 (N)
TOP VALVE BOX EL. = 1427.63 (E)
(5017)

MENDOCINO ST

N: 1,683,629.4200, E: 1,591,330.2485
WL NO. 1, STA 19+87.19=
KASHMIR, STA. 206+32.37, 310' L
DEFL. = 0°16'3"

CULTIVATED

WL LINE NO. 1
SEE SHEET NO. CU-103

RIGHT OF WAY

153.69 L.F. 8" PIPE

LAWSON CIR

181.96 L.F. 8" PIPE

LAWSON ST

294.91 L.F. 8" PIPE

N: 1,683,625.5158, E: 1,591,051.3479
WL NO. 1, STA 17+08.26=
LAWSON, STA. 101+08.57, 26' L
DEFL. = 1°21'0"

PROP. PAVEMENT

PROP. 5' SIDEWALK

N: 1,683,630.6701, E: 1,591,472.2463
WL NO. 1, STA 21+29.19=
LAWSON, STA. 105+29.22, 25' L
PC CURVE
MATCHPOINT

WL LINE NO. 1
SEE SHEET NO. CU-101

WL LINE NO. 2
SEE SHEET NO. CU-104

KASHMIR ST

N: 1,683,625.9426, E: 1,590,938.8929
WL NO. 1, STA. 15+95.75=
LAWSON CT., STA. 99+96.14, 28.00' LT
1 - 8" 11.25° VERT. BEND
(5015)

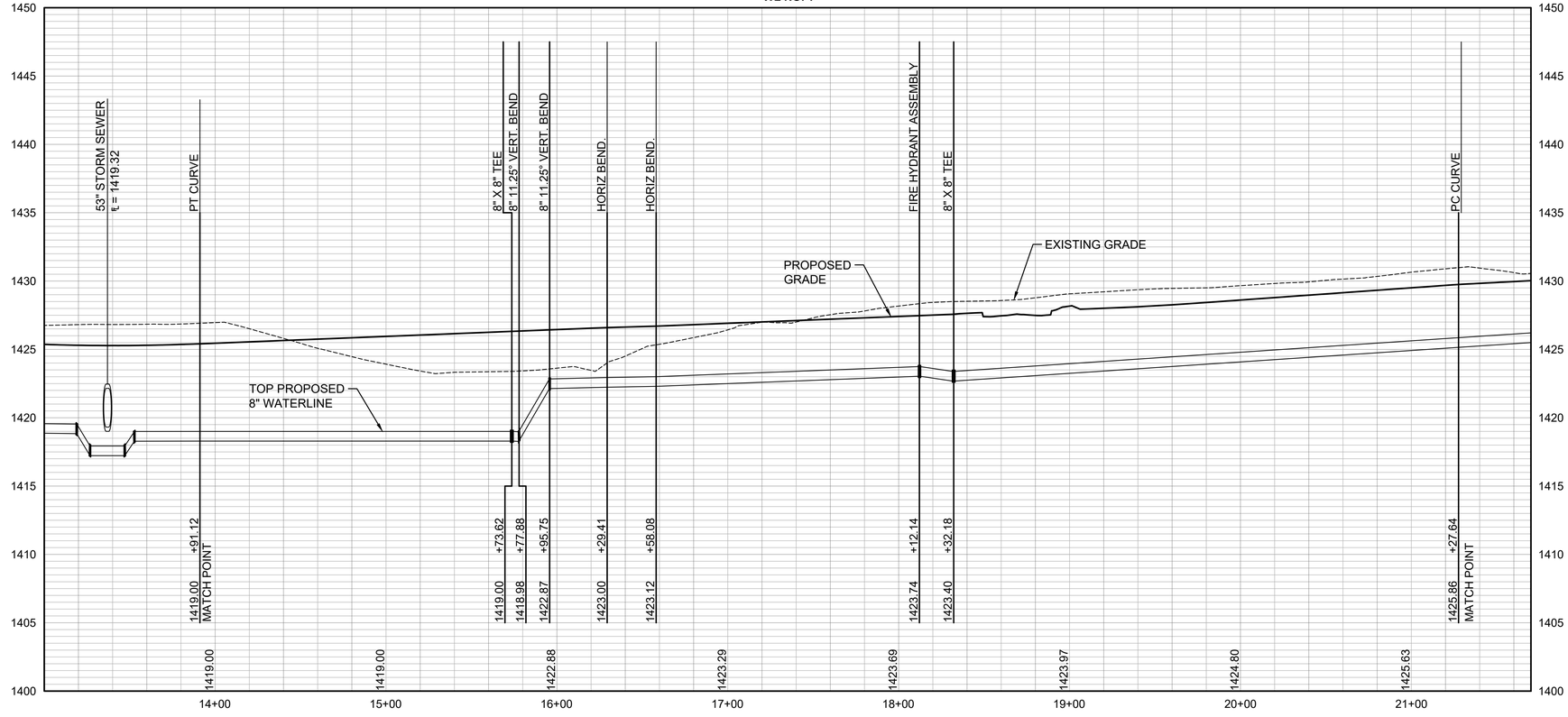
3.58 L.F. 8" PIPE

PLAN: LAT. & LONG. 0 20' 40' 80'
PROFILE: HORIZ. SAME AS ABOVE
VERT:

LEGEND

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

UNLESS NOTED OTHERWISE,
ELEVATIONS SHOWN ARE TOP OF PIPE



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

CITY OF WICHITA

GAGE SCHER LICENSED 28775 01/24/2024 KANSAS PROFESSIONAL ENGINEER

WATERLINE IMPROVEMENTS
TO SERVE
CYPRESS GLEN ADDITION

PAUL GUNZELMAN, P.E. - CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-2023-016042

	REVISION #1	1/24/24

JOB NO.	210975-007
DATE	SEPTEMBER 2023
PM	GAS
DESIGNED BY	SNW
DRAWN BY	AJH
CHECKED BY	GAS

WATERLINE NO. 1

CU-102
6 OF 21

SAVED 1/24/2024 9:49:34 AM BY KURTIS.DEKAT
PLOTTED 1/24/2024 10:18:07 AM BY KURTIS DEKAT
U:\WICHITA-CIVIL\2021\210975\007\PEC\DRAWINGS\210975-007-CU-102.DWG