PLOTTED: Wednesday, August 22, 2018 @ 10:14AM

STA. 10+00.00, WTR LINE 1=
ST. STA. 10+50.90, 34' LT.
1–16"x12" TAPPING SLEEVE & VALVE TO BE FURNISHED AND INSTALLED BY C.O.W.
SET VALVE BOX FLUSH W/ GRADE.

STA. 11+34.32, WTR LINE 1=
ST. STA. 11+85.22, 34' LT.
1–12" DIMJ 45° VERTICAL BEND

STA. 11+44.32, WTR LINE 1=
ST. STA. 11+95.22, 34' LT.
1–12" DIMJ 45° VERTICAL BEND

10.44' OF 12" DICL PIPE

134.32' OF 12" PIPE

STA. 11+64.32, WTR LINE 1=
ST. STA. 12+15.22, 34' LT.
1–12" DIMJ 45° VERTICAL BEND

10.49' OF 12" DICL PIPE

STA. 11+74.32, WTR LINE 1=
ST. STA. 12+25.22, 34' LT.
1–12" DIMJ 45° VERTICAL BEND

125.68' OF 12" PIPE

PROP 5' SSMH
TOP=1280.17
FL=1268.61(E)

150.00' OF 12" PIPE

STA. 14+50.00, WTR LINE 1=
ST. STA. 15+00.90, 34' LT.
1–12" VALVE
VALVE BOX=1281.00

340.00' OF 12" PIPE

STA. 17+90.00, WTR LINE 1=
ST. STA. 18+40.90, 34' LT.
1–FIRE HYDRANT ASSEMBLY
L=4.0'

STA. 19+45.32, WTR LINE 1=
ST. STA. 19+96.22, 34' LT.
1–12" DIMJ 90° BEND

10.32' OF 12" DICL PIPE

STA. 19+35.00, WTR LINE 1=
ST. STA. 19+85.90, 34' LT.
1–12" VALVE
VALVE BOX=1280.46

145.00' OF 12" PIPE

MACARTHUR RD.

EXIST. 16" A.C. WTR (FROM GIS DATA)

FUTURE SWS

WTR LINE 1

PROPERTY LINE

20' UTILITY EASEMENT

25' D.E.&U.E.

OAK STREET

PROP. SWS

PROP. SAN

1279.97/TC

1280.31/TC

6.0'

4.0'

80' R/W

STEEPLE BAY PKWY.

PC: 19+45.32

10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00

REMOVE & REPLACE PAVEMENT, SIDEWALK AND CURB & GUTTER, IN LIKE KIND, AS NECESSARY FOR CONNECTION.

20.00' OF 12" PIPE

STA. 13+00.00, WTR LINE 1=
ST. STA. 13+50.90, 34' LT.
1–FIRE HYDRANT ASSEMBLY
L=4.0'

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

N

SCALE: 1"=40'
0 40 80

PLAN WTR LINE 1
PROFILE WTR LINE 1

SCALE: HORIZ. 1"=40'
SCALE: VERT. 1"=5

16"X12" TAPPING SLEEVE & VALVE
45° VERTICAL BEND
45° VERTICAL BEND
45° VERTICAL BEND
45° VERTICAL BEND
FIRE HYDRANT
BURY LINE=1280.30
VALVE BOX=1280.3
TEE–SINGLE VALVE
FIRE HYDRANT
BURY LINE=1280.65
VALVE BOX=1280.6
TEE–SINGLE VALVE
90° BEND

PROPOSED GROUND (BY OTHERS)
EXISTING GROUND
FUTURE SWS
PROP. SWS FL=1272.49
PROP. SAN. SWR FL=1268.49
PROP. SAN. SWR FL=1265.63

12" PIPE @ 0.00%
12" PIPE @ –30.00%
12" PIPE @ 33.30%
12" PIPE @ 1.00%
12" PIPE @ 0.50%
12" PIPE @ –0.10%
12" PIPE @ 0.50%
12" PIPE @ –0.25%

+00.00	+34.32	+44.32	+64.32	+74.32	+00.00	+50.00	+49.10	+90.00	+35.00	+45.32
1275.18	1272.18	1272.18	1272.18	1275.51	1276.14	1275.99	1275.79	1276.49	1276.13	1276.10

1300 1295 1290 1285 1280 1275 1270 1265 1260 1255 1250

10 11 12 13 14 15 16 17 18 19

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MKEC
Wichita, KS • 316-684-9600

WATER DISTRIBUTION PLANS FOR

STEEPLE BAY ADDITION

WICHITA, KANSAS

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WTR LINE 1

PROJECT NO.	448-90894
DATE	JULY 2018
SCALE	1"=40'

DESIGNED	DRAWN	CHECKED
SPE	MKB	SPE

NO.	REVISION	DATE

SCOTT PRESTON EVANS
LICENSED
24423
8/22/18
KANSAS
PROFESSIONAL ENGINEER

SHEET NO.
03 OF 15