WATERLINE NO. 1				
FITTING TABLE				
ID	ALIGNMENT	STATION	COORDINATES	DESCRIPTION
5000	WL LINE NO. 1	10+00.0	N: 385,417.0130 E: 2,371,789.0130	8" X 8" TAPPING SLEEVE
5001	WL LINE NO. 1	13+78.8	N: 385,071.9091 E: 2,371,666.0704	FIRE HYDRANT ASSEMBLY
5002	WL LINE NO. 1	16+55.0	N: 384,797.9105 E: 2,371,660.0165	8" 22 1/2° BEND
5003	WL LINE NO. 1	16+94.2	N: 384,759.1522 E: 2,371,665.7644	8" 45° BEND
5004	WL LINE NO. 1	17+35.6	N: 384,732.1232 E: 2,371,697.2192	8" 45° BEND
5005	WL LINE NO. 1	20+86.0	N: 384,738.7704 E: 2,372,047.5686	8" X 6" TEE
5006	WL LINE NO. 1	20+98.4	N: 384,739.0041 E: 2,372,059.8898	FIRE HYDRANT ASSEMBLY
5007	WL LINE NO. 1	24+16.4	N: 384,745.0370 E: 2,372,377.8658	8" 11.25° BEND
5008	WL LINE NO. 1	24+22.6	N: 384,746.2632 E: 2,372,383.9086	FIRE HYDRANT ASSEMBLY
5009	WL LINE NO. 1	26+94.6	N: 384,800.3565 E: 2,372,650.4914	EXISTING 8" PLUG

WATERLINE NO. 2				
FITTING TABLE				
ID	ALIGNMENT	STATION	COORDINATES	DESCRIPTION
5010	WL LINE NO. 2	52+60.3	N: 384,998.9909 E: 2,372,042.6314	6" 22.5° BEND
5011	WL LINE NO. 2	53+15.0	N: 385,048.9722 E: 2,372,064.9415	6" 45° BEND
5012	WL LINE NO. 2	53+47.3	N: 385,078.6397 E: 2,372,052.2735	6" 45° BEND
5013	WL LINE NO. 2	53+80.8	N: 385,091.8750 E: 2,372,021.4191	6" 45° BEND
5014	WL LINE NO. 2	54+15.8	N: 385,078.8009 E: 2,371,989.0173	6" 45° BEND
5015	WL LINE NO. 2	54+58.7	N: 385,039.1632 E: 2,371,972.4964	6" 45° BEND
5016	WL LINE NO. 2	54+78.7	N: 385,020.6550 E: 2,371,980.1499	2" BLOWOFF ASSEMBLY

BENCH MARKS

BM-201
ELEV: 1,399.86 (NAVD 88)
SQUARE CUT ON THE NORTHEAST SIDE OF A CONCRETE LIGHT POLE BASE ON THE SOUTH SIDE OF 19TH ST. NORTH AND WEST OF NORTH VERANDA ST. +/- 3' NORTHEAST TO THE SOUTH CURB LINE ALONG 19TH ST. NORTH. +/- 68' NORTHEAST TO THE BASE OF THE "ROUNDABOUT AHEAD" SIGN POST.

BM-202
ELEV: 1,394.77 (NAVD 88)
SQUARE CUT ON TOP OF CURB ALONG 19TH ST. NORTH NEAR THE SOUTHWEST CORNER OF LOT 4, BLOCK 3, OAK CREEKS 2ND ADDITION. +/- 5' SOUTHWEST TO THE TOP BOLT OF A FIRE HYDRANT, +/- 55' WEST TO THE CENTER OF A BURIED ELECTRIC HAND HOLE. +/- 64' NORTHWEST TO THE BASE OF A LIGHT POLE.

BM-260
ELEV: 1,398.45 (NAVD 88)
SET "T" SHAPED FENCE POST 0.2' BELOW SURFACE NEAR THE SOUTHEAST CORNER OF LOT 4 RESERVE A OF THE VILLAS AT OAK CREEK 3RD ADDITION.

BM-261
ELEV: 1,393.92 (NAVD 88)
SET "T" SHAPED FENCE POST 0.2' BELOW SURFACE 2' NORTH OF THE NORTH POWERPOLE OF A OVERHEAD TRANSMISSION LINE. NEAR THE SOUTHEAST PROPERTY CORNER OF LOT 7 RESERVE B OF THE VILLAS OAK CREEK 3RD ADDITION.

BM-262
ELEV: 1,400.07 (NAVD 88)
SET "T" SHAPED FENCE POST 0.2' BELOW SURFACE 2' NEAR THE SOUTHWESTERN MOST PROPERTY CORNER OF LOT 13 RESERVE B OF THE VILLAS OAK CREEK 3RD ADDITION.

BM-263 ELEV: 1,386.30 (NAVD 88)
SET "T" SHAPED FENCE POST 0.2' BELOW SURFACE 1.5' NORTH OF THE NORTH POWERPOLE OF A OVERHEAD TRANSMISSION LINE. NEAR THE SOUTHEAST PROPERTY CORNER OF LOT 18 RESERVE B OF THE VILLAS OAK CREEK 3RD ADDITION.

BM-264
ELEV: 1,376.76 (NAVD 88)
SET CHISELED SQUARE CUT IN THE NORTHWEST CORNER OF CONCRETE HEADWALL ON THE NORTH SIDE OF A WATER RETENTION POND NEAR THE SOUTHEAST PROPERTY CORNER OF LOT 20 RESERVE B OF THE VILLAS OAK CREEK 3RD ADDITION.

HORIZONTAL CONTROL POINTS

CP-160
N: 385,048.4700 E: 2,371,593.1610
SET 1/2" REBAR WITH BLUE PEC CP CAP 0.2 FEET BELOW SURFACE
1. 11.6 NE TO A "T" SHAPED FENCE POST FLUSH WITH GROUND
2. 45.82 NNE TO 1/2" REBAR WITH ORANGE PEC CAP (SOUTHWEST PC FOR FUTURE VERANDA ST #4024)
3. 395 S TO LINE OF EAST-WEST POWERPOLES

CP-161
N: 384,666.7780 E: 2,371,869.8110
SET 1/2" REBAR WITH BLUE PEC CP CAP 0.2 FEET BELOW SURFACE
1. 40.07 W TO "MAG" NAIL IN NORTH FACE WOODEN POWER POLE
2. 13 S TO LINE OF EAST-WEST POWER POLES
3. 158.81 WNW TO 1/2" REBAR WITH ORANGE PEC CAP (SOUTHEAST PC FOR FUTURE STEEPLECHASE ST # 4029)

CP-162
N: 385,020.1900 E: 2,371,973.1910
SET 1/2" REBAR WITH BLUE PEC CP CAP 0.2 FEET BELOW SURFACE
1. 262.4 NE TO "MAG" NAIL IN SOUTH FACE 30" OAK TREE
2. 91.08 E TO "T" SHAPED FENCE POST FLUSH WITH GROUND
3. 36.55 SE TO 1/2" REBAR WITHORANGE PEC CAP (SOUTHWEST PC FOR FUTURE STEEPLECHASE CT # 4032)

CP-163
N: 384,698.9090 E: 2,372,480.2280
SET 1/2" REBAR WITH BLUE PEC CP CAP 0.2 FEET BELOW SURFACE
1. 77.4 SW TO "MAG" NAIL IN NORTH FACE WOODEN POWER POLE
2. 35.5 S TO LINE OF EAST-WEST POWER POLES
3. 48.15 SE TO 1/2" REBAR WITH ORANGE PEC CAP (SOUTHEAST PC FOR FUTURE STEEPLECHASE ST # 4041)

RESERVE A
RESERVE B
RESERVE C
RESERVE D
VERANDA
STEEPLECHASE CT.
STEEPLECHASE
19TH ST. N.
EXIST. 8" WL
OAK CREEK 2ND
CARRIAGE OAKS
THE VILLAS AT OAK CREEK
THE VILLAS AT OAK CREEK 3RD ADDITION
BM-201
BM-202
BM-260
CP160
BM-261
CP161
BM-262
CP162
BM-263
CP163
BM-264
WATERLINE NO. 1, SEE SHEET CU101 - CU103
WATERLINE NO. , SEE SHEET CU104
BENEFIT DISTRICT, TYPICAL

WATERLINE BENEFIT DISTRICT
LOTS 1 THRU 8, BLOCK A, &
LOTS 1 THRU 20, BLOCK B,
ALL IN THE VILLAS AT OAK CREEK 3RD ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS.

SEE SHEET NO. C-004 FOR PLAT COORDINATES.

0 80' 160'

LEGEND

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

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

CITY OF WICHITA

TREVOR KAUFMAN LICENSED 26008 09/09/2022 KANSAS PROFESSIONAL ENGINEER

WATER DISTRIBUTION IMPROVEMENTS TO SERVE THE VILLAS AT OAK CREEK 3RD ADDITION

GARY JANZEN, P.E. - CITY ENGINEER
CITY OF WICHITA ENGINEERING PROJECT NO.
448-2022-021572

JOB NO.	210524-001-0042
DATE	SEPTEMBER 2022
PM	TBK
DESIGNED BY	SNW
DRAWN BY	DMS
CHECKED BY	TBK

WATERLINE BUBBLE MAP

C-003
3 OF 18

SAVED 9/7/2022 2:30:56 PM BY KURTIS.DEKAT
PLOTTED 9/9/2022 3:57:26 PM BY KURTIS DEKAT
U:\WICHITA-CIVIL\2021\210524001\PEC\DRAWINGS\210524-001-C-003.DWG