Wt. No. 5, BL Sta. 10+59.83, 21' Rt. =
Wt. No. 5, Sta. 1+49.00.
1 – 8" DI CL MJ 22 1/2° Bend.
Vert. Defl. = 20'35'14"

Wt. No. 5, BL Sta. 10+53.84, 21' Rt. =
Wt. No. 5, Sta. 1+43.01.
1 – 8" DI CL MJ 22 1/2° Bend.
Vert. Defl. = 20'35'14"

Wt. No. 5, BL Sta. 10+39.90 =
Wt. No. 1, BL Sta. 25+22.23

Wt. No. 1,
See Sheet 5

CAUTION!!!
12" & 15" SANITARY SEWER
CONSTRUCT 20 LF REINFORCED CONCRETE ENCASEMENT ON BOTH EXIST. SAN. SEWERS (40 LF TOTAL). ENCASEMENT TO BE CENTERED ON PROPOSED 8" WATER LINE.

Wt. No. 5, BL Sta. 10+77.83, 21' Rt. =
Wt. No. 5, Sta. 1+66.99.
1 – 8" DI CL MJ 45° Bend.
Horiz. Defl. = 45'00'00"
Vert. Defl. = 20'35'14"

Wt. No. 5, BL Sta. 10+71.83, 21' Rt. =
Wt. No. 5, Sta. 1+61.00.
1 – 8" DI CL MJ 22 1/2° Bend.
Vert. Defl. = 20'35'14"

Wt. No. 5, BL Sta. 10+85.83, 29' Rt. =
Wt. No. 5, Sta. 1+78.30.
1 – 8" DI CL MJ 45° Bend.
Horiz. Defl. = 45'00'00"

Wt. No. 5, BL Sta. 15+50.57, 29' Rt. =
Wt. No. 5, Sta. 6+43.04
1 – Fire Hydrant Assembly
L = 7'
Top of Valve Box = Match Existing FH Bury Elev. = 106.10

Wt. No. 5, BL Sta. 15+75.30 =
Wt. No. 10, BL Sta. 21+34.86

CAUTION!!!
BURIED SWS

Wt. No. 5, BL Sta. 15+87.53, 29.00' Rt. =
Wt. No. 5, Sta. 6+80.00.
1 – 8" DI CL MJ 22 1/2° Bend.
Vert. Defl. = 21'48'05"

Wt. No. 5, BL Sta. 19+07.53, 29' Rt. =
Wt. No. 5 Sta. 10+00.00
Match Line, See Sheet 16 for Continuation.

Wt. No. 5, BL Sta. 15+95.58, 29.00' Rt. =
Wt. No. 5, Sta. 6+88.05.
1 – 8" DI CL MJ 22 1/2° Bend.
Vert. Defl. = 21'48'05"

CAUTION!!!
OVERHEAD ELECTRIC
BURIED GAS LINE

CAUTION!!!
BURIED AQUILA GAS LINE

CAUTION!!!
BURIED KGS GAS LINE

CAUTION!!!
BURIED AQUILA GAS LINE

CAUTION!!!
BURIED KGS GAS LINE

CAUTION!!!
BURIED KGS GAS LINE

CAUTION!!!
BURIED KGS GAS LINE

CAUTION!!!
BURIED AQUILA GAS LINE

CAUTION!!!
OVERHEAD ELECTRIC

CAUTION!!!
BURIED AQUILA GAS LINE

Wt. No. 5, BL Sta. 10+10.90, 21' Rt. =
Wt. No. 5, Sta. 1+00 =
Wt. No. 1, BL Sta. 25+01.13, 29' LT. =
Wt. No. 1, Sta. 15+71.62
Connect to Proposed 8" Valve

RESTRAIN POLE DURING CONSTRUCTION (BY WESTAR). CONTRACTOR SHALL CONTACT WESTAR (RANDY TRUITT, 261-6512), TWO WEEKS PRIOR TO WORKING IN THIS AREA.

RESTRAIN POLE DURING CONSTRUCTION (BY WESTAR). CONTRACTOR SHALL CONTACT WESTAR (RANDY TRUITT, 261-6512), TWO WEEKS PRIOR TO WORKING IN THIS AREA.

CAUTION!!!
8" SANITARY SEWER
CONSTRUCT 20 LF REINFORCED CONCRETE ENCASEMENT ON EXIST. SAN. SEWER. ENCASEMENT TO BE CENTERED ON PROPOSED 8" WATER LINE.

17.88 LF – 8" Pipe By Directional Drill
11.31 LF – 8" DI CL Pipe
5.99 LF – 8" DI CL Pipe
164.85 LF – 8" Pipe
19.97 LF – 8" Pipe By Directional Drill
71.61 LF – 8" Pipe
134.65 LF – 8" Pipe By Directional Drill
55.77 LF – 8" Pipe
50.00 LF – 8" Pipe By Directional Drill
88.28 LF – 8" Pipe
70.00 LF – 8" Pipe By Directional Drill
97.37 LF – 8" Pipe
51.32 LF – 8" Pipe
43.01 LF – 8" Pipe
5.99 LF – 8" DI CL Pipe
12.00 LF – 8" Pipe

ELIZABETH AVENUE
McCORMICK AVENUE
IRVING AVENUE

FIRE HYDRANTS REQUIRED			
STATION	BURY LINE ELEVATION	TOP OF PIPE ELEVATION	FIRE HYDRANT BURY REQUIRED*
WL NO. 5, STA. 6+43.04	106.23	99.85	7.0'

(FOR FIRE HYDRANT ASSEMBLY, SEE DETAIL, SHEET 27)

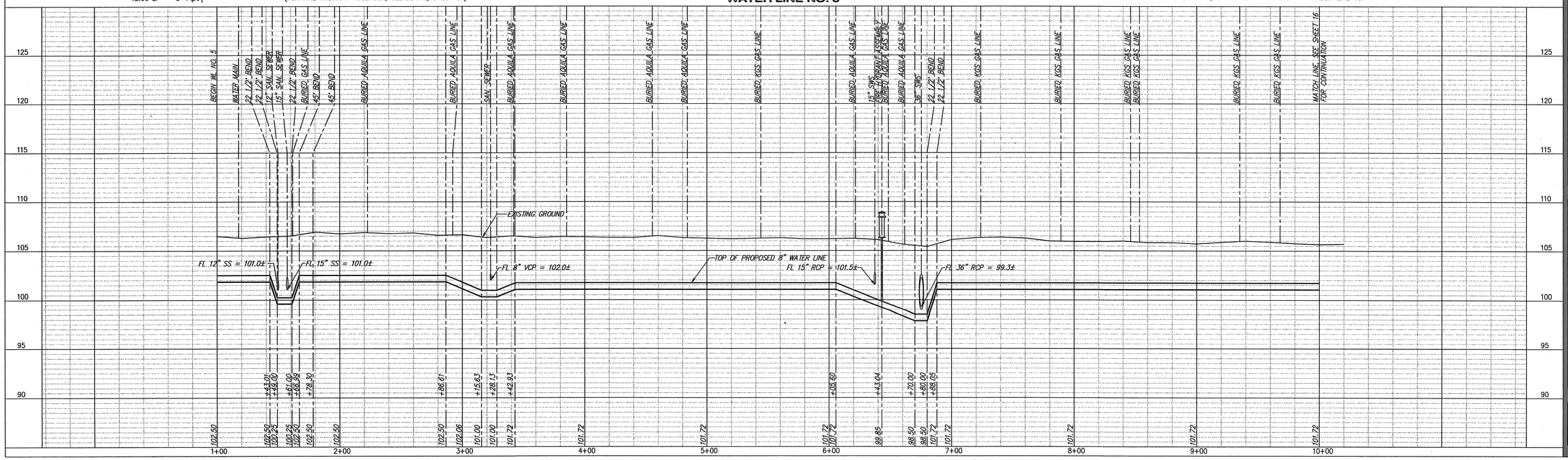
REMOVE & REPLACE WHEELCHAIR RAMP, THIS SHEET = 3 EA
REMOVE & REPLACE CONCRETE DRIVE IN KIND, THIS SHEET = 29 LF
REMOVE & REPLACE CONCRETE PAVEMENT IN KIND, THIS SHEET = 118 LF

NOTES:
1. UNLESS OTHERWISE INDICATED, DIMENSIONS ARE MEASURED TO CENTERLINE OF FITTINGS IN PLAN VIEW AND TOP OF PIPE IN PROFILE VIEW.
2. WL NO. 5 BASELINE = CENTERLINE OF ELIZABETH AVENUE RIGHT OF WAY.
3. REFER TO SHEET 2, NOTE NO. 8, FOR DIRECTIONAL DRILLING REQUIREMENTS.

NORTH
VERT. SCALE 5 0
HORIZONTAL SCALE 0 40 80 1"=40'

LEGEND
- PP UTILITY POLE
- LP LIGHT POLE
- DM DEAD MAN
- WM WATER METER
- WV WATER VALVE
- GV GAS VALVE
- SS MH SANITARY SEWER MANHOLE
- SWS MH STORM SEWER MANHOLE

WATER LINE NO. 5



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CHRISTOPHER R. YOUNG
LICENSED
11315
KANSAS
PROFESSIONAL ENGINEER
6/21/11

WATER LINE NO. 5
PLAN AND PROFILE

McCormicks Water Main Replacement

City of Wichita, Sedgwick County, Kansas

REVISIONS			
	DATE	COMMENTS	BY APP.

PROJECT NO.:
DATE: 2-15-07
DRAWN:
DESIGNED:
CHECKED:
APPROVED:

SHEET
15
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