



PROJECT TEAM & UTILITY CONTACT LIST	
<u>OWNER / DEVELOPER</u> CLAYTON PROPERTIES GROUP, LLC, DBA SUMMIT HOMES 120 SE 30TH STREET LEE'S SUMMIT, MO 64082 CONTACT: DAVID PRICE PHONE: 816.246.6700 FAX: 816.246.2662	<u>UTILITY SERVICE NUMBERS</u>  NAME: DEVELOPMENT SERVICES PHONE: 816-969-1200 NAME: LEE'S SUMMIT WATER & SERVICES DEPARTMENT PHONE: 816-969-1940 NAME: SPIRE (MGE) PHONE: 314-342-0500 NAME: AT&T PHONE: 800-286-8313 NAME: KCP&L PHONE: 816-471-5275 NAME: SPECTRUM (TWC) PHONE: 877-772-2253 NAME: GOOGLE FIBER PHONE: 877-454-6959
<u>ENGINEER</u> OLSSON 1301 BURLINGTON, SUITE 100 NORTH KANSAS CITY, MO 64116 CONTACT: JULIE E SELLERS, P.E. PHONE: 816.361.1177	
<u>SURVEYOR</u> OLSSON 1301 BURLINGTON, SUITE 100 NORTH KANSAS CITY, MO 64116 CONTACT: JASON ROUDEBUSH, PLS PHONE: 816.361.1177	
<u>GEOTECHNICAL ENGINEER</u> OLSSON 1700 E. 123RD ST. OLATHE, KS 66061 CONTACT: CHRISTY WILSON PHONE: 816.829.0078	



SECTION 2, TOWNSHIP 47 N, RANGE 32 W
IN LEE'S SUMMIT, JACKSON COUNTY, MO



OF JOHN KNOX RETIREMENT VILLAGE--10TH PLAT, A SUBDIVISION RECORDED AS INSTRUMENT NUMBER 1279980 IN BOOK 35 AT PAGE 61 IN JACKSON COUNTY RECORDER OF DEEDS OFFICE, AND ALL OF FOREST LAKE AT JOHN KNOX VILLAGE -- 1ST PLAT A SUBDIVISION RECORDED AS INSTRUMENT NUMBER E0051292 IN BOOK 106 AT PAGE 42 IN SAID JACKSON COUNTY RECORDER OF DEEDS OFFICE, BOTH SUBDIVISIONS OF LAND IN THE NORTHEAST QUARTER OF SECTION 2, TOWNSHIP 47 NORTH, RANGE 32, WEST OF THE 5TH PRINCIPAL MERIDIAN IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI, AND ALSO AN UNPLATTED TRACT OF LAND IN SAID NORTHEAST QUARTER AND SOUTHEAST QUARTER OF SAID SECTION 2, BEING BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF SAID SOUTHEAST QUARTER; THENCE NORTH 02°53'56" EAST, ON THE EAST LINE OF SAID SOUTHEAST QUARTER, 1,328.34 FEET TO THE SOUTHEAST CORNER OF THE NORTH HALF OF SAID SOUTHEAST QUARTER ALSO BEING THE NORTHEAST CORNER OF STERLING HILLS 1ST PLAT, A SUBDIVISION IN SAID LEE'S SUMMIT RECORDED AS INSTRUMENT NUMBER I188888 IN BOOK 153 AT PAGE 22 IN SAID JACKSON COUNTY RECORDER OF DEEDS OFFICE; THENCE NORTH 87°49'43" WEST, 580.01 FEET ON THE SOUTH LINE OF SAID NORTH HALF OF SAID SOUTHEAST QUARTER, ALSO BEING THE NORTH LINE OF SAID STERLING HILLS 1ST PLAT TO THE POINT OF BEGINNING OF THE TRACT OF LAND TO BE HEREIN DESCRIBED; THENCE CONTINUING NORTH 87°49'43" WEST ON SAID SOUTH LINE OF SAID NORTH HALF OF SAID SOUTHEAST QUARTER, ALSO BEING THE NORTH LINE OF SAID STERLING HILLS 1ST PLAT AND ALSO ON THE NORTH LINE OF STERLING HILLS 3RD PLAT, A SUBDIVISION IN SAID LEE'S SUMMIT RECORDED AS INSTRUMENT NUMBER I181512 IN BOOK 153 AT PAGE 36 IN SAID JACKSON COUNTY RECORDER OF DEEDS OFFICE, ALSO BEING THE NORTH LINE OF THE TRACT OF LAND OF STERLING HILLS 5TH PLAT, A SUBDIVISION IN SAID LEE'S SUMMIT RECORDED AS INSTRUMENT NUMBER 11273788 IN BOOK 154 AT PAGE 11 IN SAID JACKSON COUNTY RECORDER OF DEEDS OFFICE, 2,688.69 FEET TO THE SOUTHWEST CORNER; SAID NORTH HALF OF SAID SOUTHEAST QUARTER, THENCE NORTH 03°05'41" EAST, ON SAID EAST LINE OF STERLING HILLS 5TH PLAT, ALSO BEING THE WEST LINE OF SAID SOUTHEAST QUARTER, 389.26 FEET; THENCE NORTH 85°24'56" EAST, 236.75 FEET; THENCE NORTH 29°55'27" EAST, 306.11 FEET; THENCE NORTH 41°11'03" EAST, 60.06 FEET; THENCE SOUTH 75°51'31" EAST, 21.43 FEET; THENCE NORTH 22°12'04" EAST, 73.03 FEET; THENCE WESTERLY, ALONG A CURVE TO THE LEFT, HAVING AN INITIAL TANGENT BEARING OF NORTH 81°09'01" WEST WITH A RADIUS OF 225.00 FEET, A CENTRAL ANGLE OF 15°28'14" AND AN ARC DISTANCE OF 60.75 FEET; THENCE NORTH 06°37'15" WEST, 50.00 FEET; THENCE EASTERLY ALONG A CURVE TO THE RIGHT HAVING AN INITIAL TANGENT BEARING OF NORTH 83°22'45" EAST WITH A RADIUS OF 275.00 FEET, A CENTRAL ANGLE OF 28°01'47" AND AN ARC DISTANCE OF 134.53 FEET; THENCE NORTH 21°24'31" EAST, 135.10 FEET; THENCE NORTH 61°49'26" EAST, 95.15 FEET; THENCE NORTH 70°59'24" EAST, 137.47 FEET; THENCE NORTH 85°52'23" EAST, 130.41 FEET; THENCE NORTH 19°50'07" EAST, 128.42 FEET; THENCE WESTERLY ALONG A CURVE TO THE LEFT HAVING AN INITIAL TANGENT BEARING OF NORTH 70°09'53" WEST WITH A RADIUS OF 375.00 FEET, A CENTRAL ANGLE OF 08°59'37" AND AN ARC DISTANCE OF 58.86 FEET; THENCE NORTH 10°50'30" EAST, 50.00 FEET; THENCE EASTERLY ALONG A CURVE TO THE RIGHT HAVING AN INITIAL TANGENT BEARING OF SOUTH 79°09'30" EAST WITH A RADIUS OF 425.00 FEET, A CENTRAL ANGLE OF 09°42'06" AND AN ARC DISTANCE OF 71.96 FEET; THENCE NORTH 20°32'36" EAST, 229.10 FEET TO A POINT ON THE NORTH LINE OF THE SOUTH HALF OF THE SOUTH HALF OF SAID NORTHEAST QUARTER; THENCE NORTH 87°37'42" WEST, ON SAID NORTH LINE OF SAID SOUTH HALF OF SAID NORTHEAST QUARTER, 574.95 FEET TO THE SOUTHEAST CORNER OF THE FORESTS OF BROOKRIDGE ESTATES THIRD PLAT, A SUBDIVISION IN SAID LEE'S SUMMIT RECORDED AS INSTRUMENT NUMBER I198645 IN BOOK 153 AT PAGE 46 IN SAID JACKSON COUNTY RECORDER OF DEEDS OFFICE; THENCE NORTH 03°27'53" EAST, ON THE EAST LINE OF SAID THE FORESTS OF BROOKRIDGE ESTATES -- THIRD PLAT, 765.70 FEET TO THE SOUTHWEST CORNER OF LOT 1, VILLAGE CARE CENTER PLAT, A SUBDIVISION IN SAID LEE'S SUMMIT RECORDED AS INSTRUMENT NUMBER 1736897 IN BOOK 143 AT PAGE 122 IN SAID JACKSON COUNTY RECORDER OF DEEDS OFFICE; THENCE SOUTH 87°23'49" EAST, ON THE SOUTH LINE OF SAID LOT 1, ALSO A PORTION BEING ON THE NORTH LINE OF SAID JOHN KNOX RETIREMENT VILLAGE--10TH PLAT AND SAID FOREST LAKE AT JOHN KNOX VILLAGE--1ST PLAT, 1,343.71 FEET TO THE NORTHEAST CORNER OF SAID FOREST LAKE AT JOHN KNOX VILLAGE 1ST PLAT, ALSO BEING A POINT ON THE EXISTING WEST RIGHT--OF--WAY LINE OF NW PRYOR ROAD, AS NOW ESTABLISHED; THENCE SOUTH 03°27'53" WEST, ON SAID EXISTING WEST RIGHT--OF--WAY LINE ALSO BEING THE EAST LINE OF FOREST LAKE AT JOHN KNOX VILLAGE--1ST PLAT FOR THE NORTH 243.74 FEET, 481.43 FEET; THENCE NORTH 86°32'07" WEST, 479.89 FEET; THENCE SOUTH 03°27'53" WEST, 70.20 FEET; THENCE NORTH 86°32'07" WEST, 200.00 FEET; THENCE SOUTH 03°27'53" WEST, 221.62 FEET TO A POINT ON THE NORTH LINE OF THE SOUTH HALF OF SAID NORTHEAST QUARTER; THENCE SOUTH 87°37'42" EAST ON SAID NORTH LINE OF SAID SOUTH HALF OF SAID SOUTH HALF OF SAID NORTHEAST QUARTER, 200.04 FEET TO THE NORTHWEST CORNER OF LOT 1, JOHN KNOX RETIREMENT VILLAGE 9TH PLAT, A SUBDIVISION IN LEE'S SUMMIT RECORDED AS INSTRUMENT NUMBER 1274676 IN BOOK 35 AT PAGE 42 IN SAID JACKSON COUNTY RECORDER OF DEEDS OFFICE; THENCE SOUTH 03°27'53" WEST, ON THE WEST LINE OF SAID JOHN KNOX RETIREMENT VILLAGE 9TH PLAT 400.00 FEET TO THE SOUTHWEST CORNER OF SAID JOHN KNOX RETIREMENT VILLAGE 9TH PLAT; THENCE SOUTH 04°27'07" WEST, 289.53 FEET; THENCE NORTH 85°32'53" WEST, 175.00 FEET; THENCE SOUTH 04°27'07" WEST, 425.00 FEET; THENCE SOUTH 85°32'53" EAST, 175.00 FEET; THENCE SOUTH 04°27'07" WEST, 289.53 FEET; THENCE SOUTH 02°53'56" WEST, 385.97 FEET TO THE POINT OF BEGINNING, CONTAINING 3,360,308 SQUARE FEET OR 77.14 ACRES, MORE OR LESS.

BMK #5 CHISELED SQUARE ON THE S.E. CORNER OF A CONCRETE PAD FOR A TRAFFIC SIGNAL BOX AT THE S.W. CORNER OF PRYOR ROAD AND O'BRIEN ROAD.
ELEVATION: 979.24

Sheet List Table	
Sheet Number	Sheet Title
C301	COVER SHEET
C302	GENERAL LAYOUT
C303	GENERAL LAYOUT (2)
C304	GENERAL LAYOUT (3)
C305	GENERAL LAYOUT (4)
C306	WATER MAIN PLAN & PROFILE
C307	WATER MAIN PLAN & PROFILE
C308	WATER MAIN PLAN & PROFILE
C309	WATER MAIN PLAN & PROFILE
C310	WATER MAIN PLAN & PROFILE
C311	WATER MAIN PLAN & PROFILE
C312	WATER MAIN PLAN & PROFILE
C313	WATER MAIN PLAN & PROFILE
C314	WATER MAIN PLAN & PROFILE
C315	DETAIL SHEET

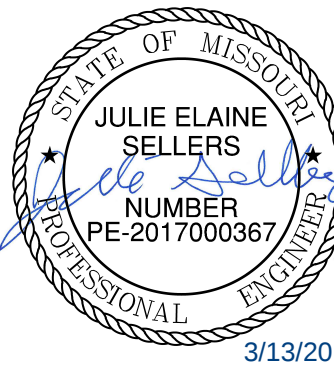
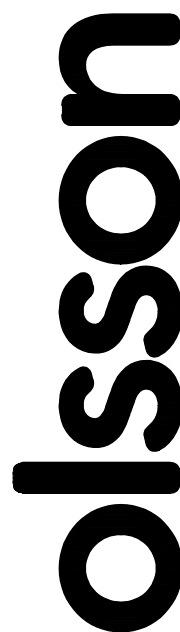
Yelle Selby

JULIE E SELLERS, P.E.
CIVIL ENGINEER
MO# 2017000367
1301 BURLINGTON, SUITE 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177

DATE

CITY OF LEE'S SUMMIT, MISSOURI

DATE _____

[illegible]

COVER SHEET WATER MAIN EXTENSION	2010
WOODSIDE RIDGE FIRST PLAT	LEE'S SUMMIT, MO

drawn by: _____ D.A.H.C.
checked by: _____ J.E.S.
designed by: _____ S.M.S.
QA/QC by: _____ M.G.D.
project no.: _____ A18-1140
date: _____ 2019.03.12

SHEET
C301



VALVES

NEW

EXISTING

W

—

●

CELL

China

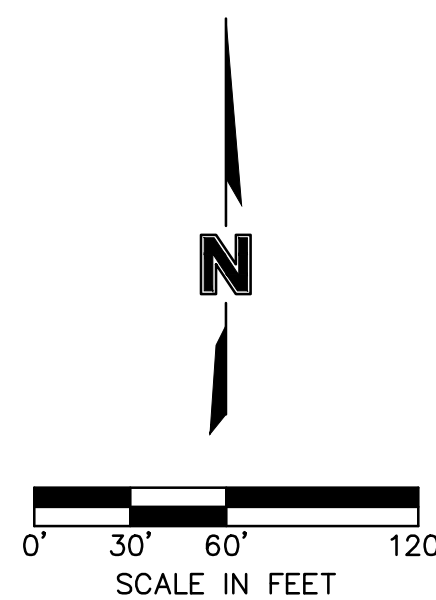
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END OF ROAD TREATMENT

GENERAL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL FOR WATER MAINS (SECTION 6900). WHERE DISCREPANCIES EXIST BETWEEN THESE PLANS AND THE DESIGN AND CONSTRUCTION MANUAL, THE DESIGN AND CONSTRUCTION MANUAL SHALL PREVAIL.

2. AREAS WITH LESS THAN 4 FEET OF DEPTH FROM EXISTING GRADE TO PROPOSED TOP OF PIPE SHALL BE FILLED TO AN ELEVATION OF 4 FEET ABOVE THE PROPOSED TOP OF PIPE, COMPACTED 95% OF STANDARD PROCTOR DENSITY AS DETERMINED BY ASTM D698 PRIOR TO TRENCHING FOR PIPE INSTALLATION.



REVISIONS DESCRIPTION	BY
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NO.	DATE
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GENERAL LAYOUT WATER MAIN EXTENSION

WOODSIDE RIDGE
FIRST PLAT

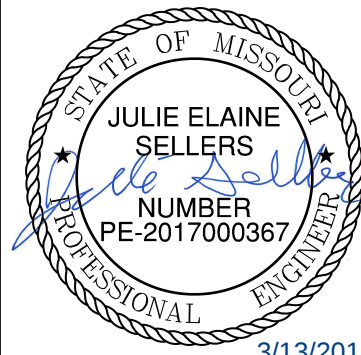
LEE'S SUMMIT, MO

2019

drawn by: D.A.H.O
checked by: J.E.S
designed by: S.M.S
QA/QC by: M.G.D
project no.: A18-1140
date: 2019.03.12

SHEET
C303

olson



3/13/201

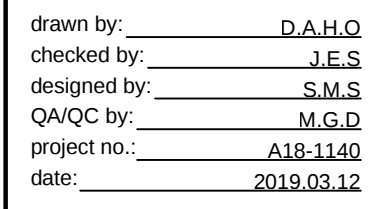
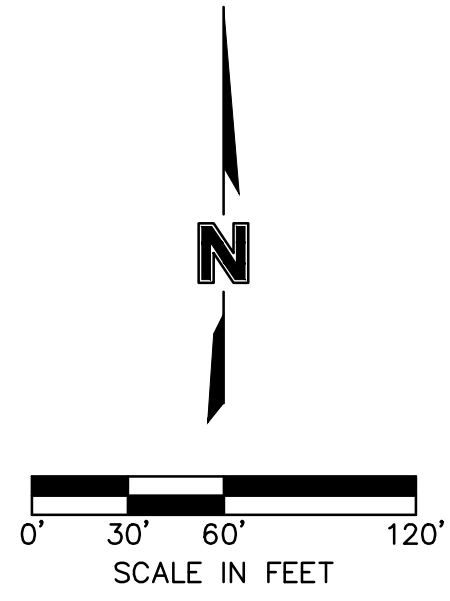
REVISIONS

2019

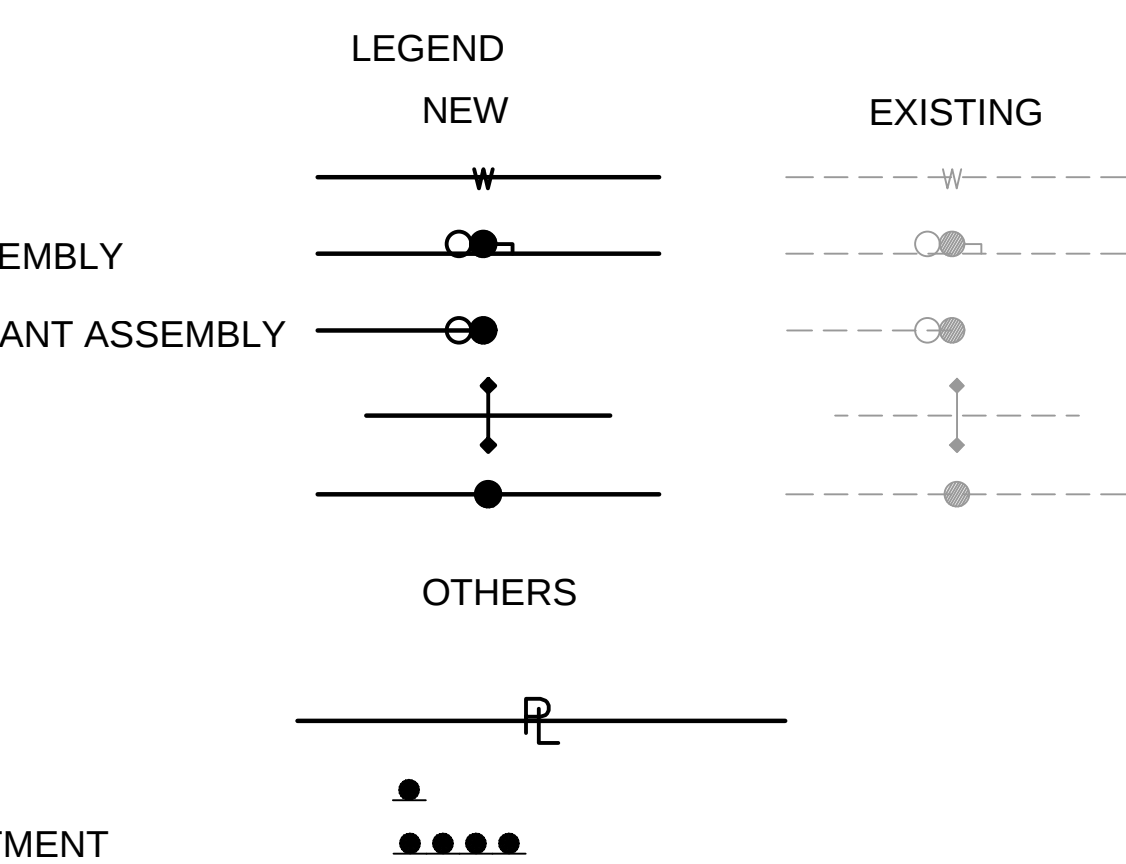
LEE'S SUMMIT, MO

1301 BURLINGTON, SUITE 100
NORTH KANSAS CITY, MO 64116

www.olsson.com



STATE OF MISSOURI
JULIE ELAINE
SELLERS
NUMBER
PE-2017000367
PROFESSIONAL ENGINEER

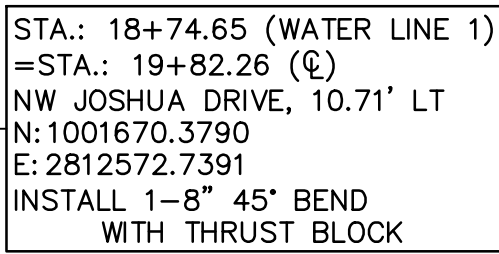
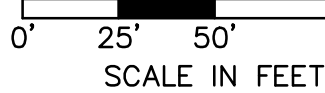


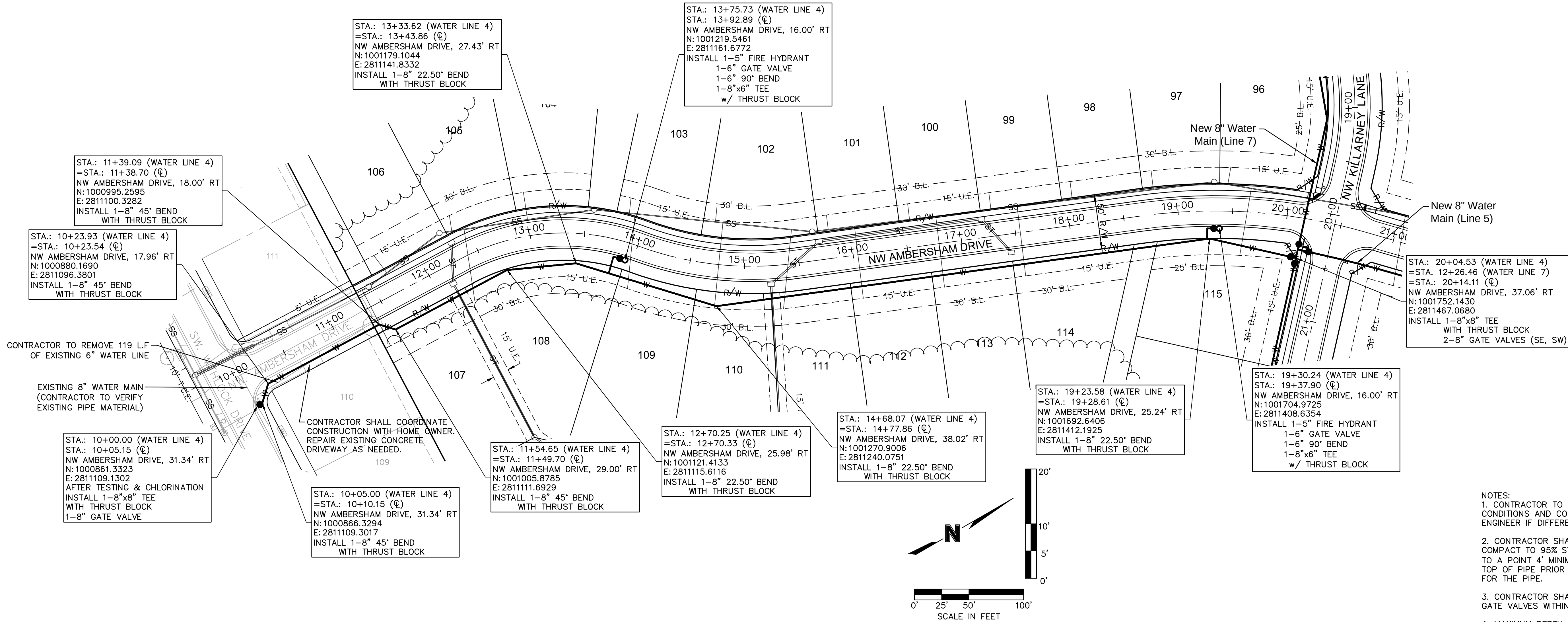
SHEET
C306

1301 BURLINGTON, SUITE 100
NORTH KANSAS CITY, MO 64116
TEL 816.361.1177
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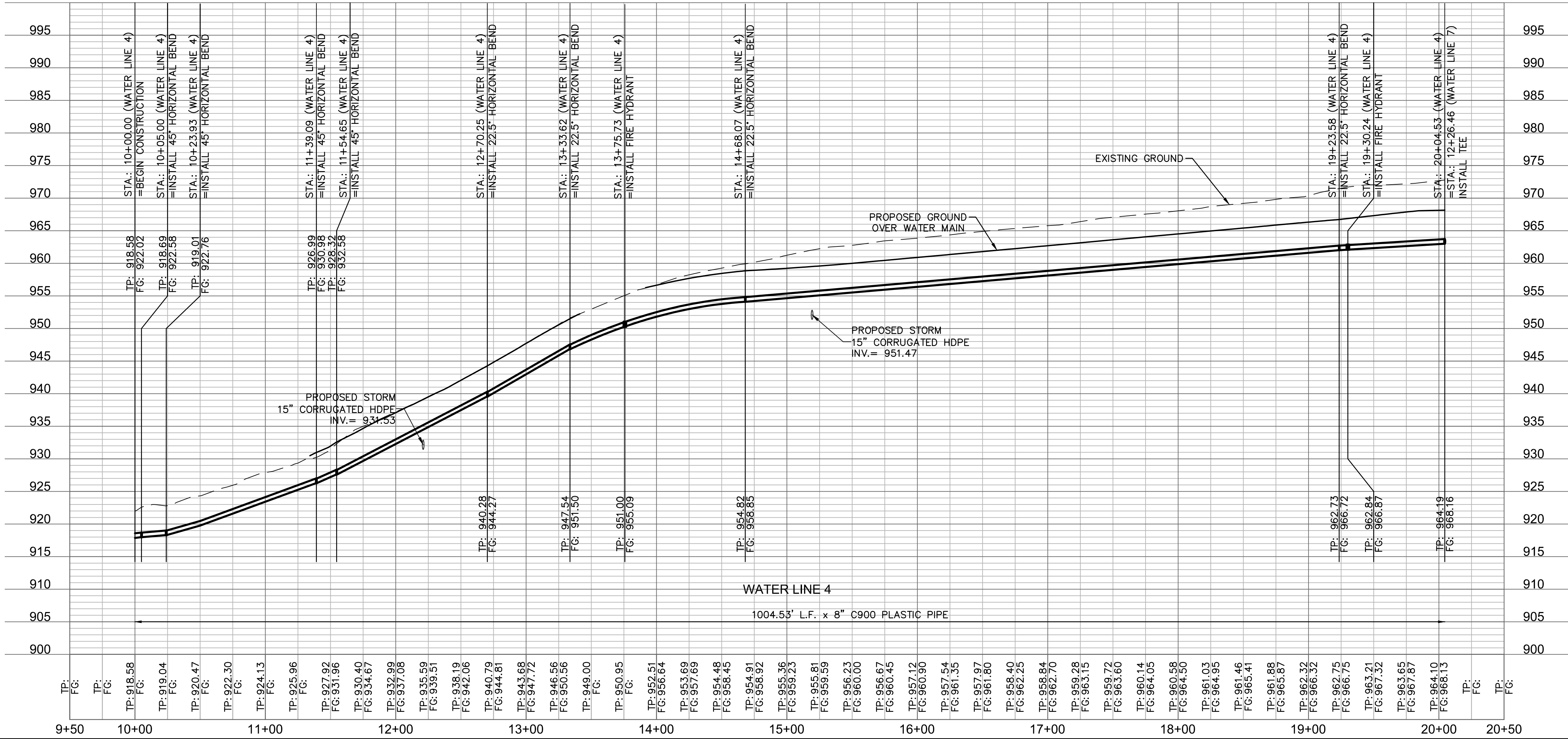
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USER: hernandez

4. MAXIMUM DEPTH OF THE WATER MAIN SHALL NOT EXCEED 7' FROM FINISH GRADE.





- NOTES:
1. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND COMMUNICATE WITH ENGINEER IF DIFFERENT THAN PLANS.
 2. CONTRACTOR SHALL FILL AND COMPACT TO 95% STANDARD DENSITY TO A POINT 4' MINIMUM ABOVE THE TOP OF PIPE PRIOR TO EXCAVATION FOR THE PIPE.
 3. CONTRACTOR SHALL NOT INSTALL GATE VALVES WITHIN ADA RAMPS.
 4. MAXIMUM DEPTH OF THE WATER MAIN SHALL NOT EXCEED 7' FROM FINISH GRADE.



WATER MAIN PLAN & PROFILE
WATER MAIN EXTENSION

WOODSIDE RIDGE
FIRST PLAT

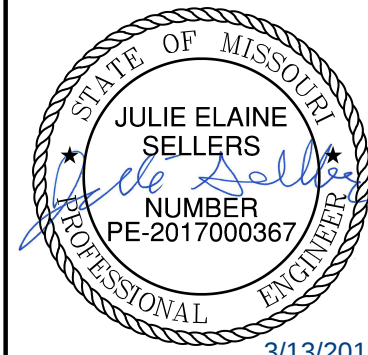
LEE'S SUMMIT, MO

drawn by: D.A.H.O.
checked by: J.E.S.
designed by: S.M.S.
QA/QC by: M.G.D.
project no.: A18-1140
date: 2019.03.12

SHEET
C309

REVISIONS

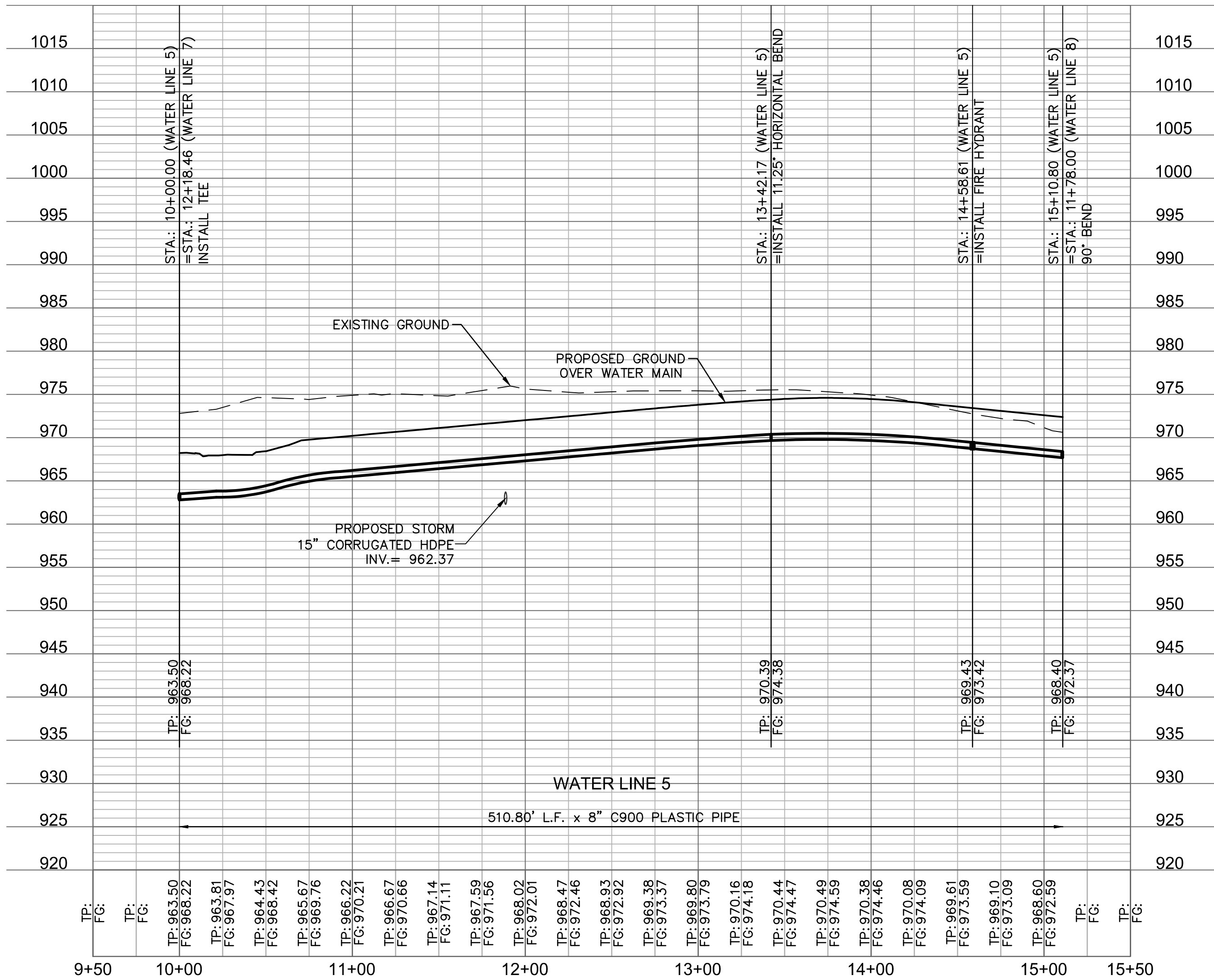
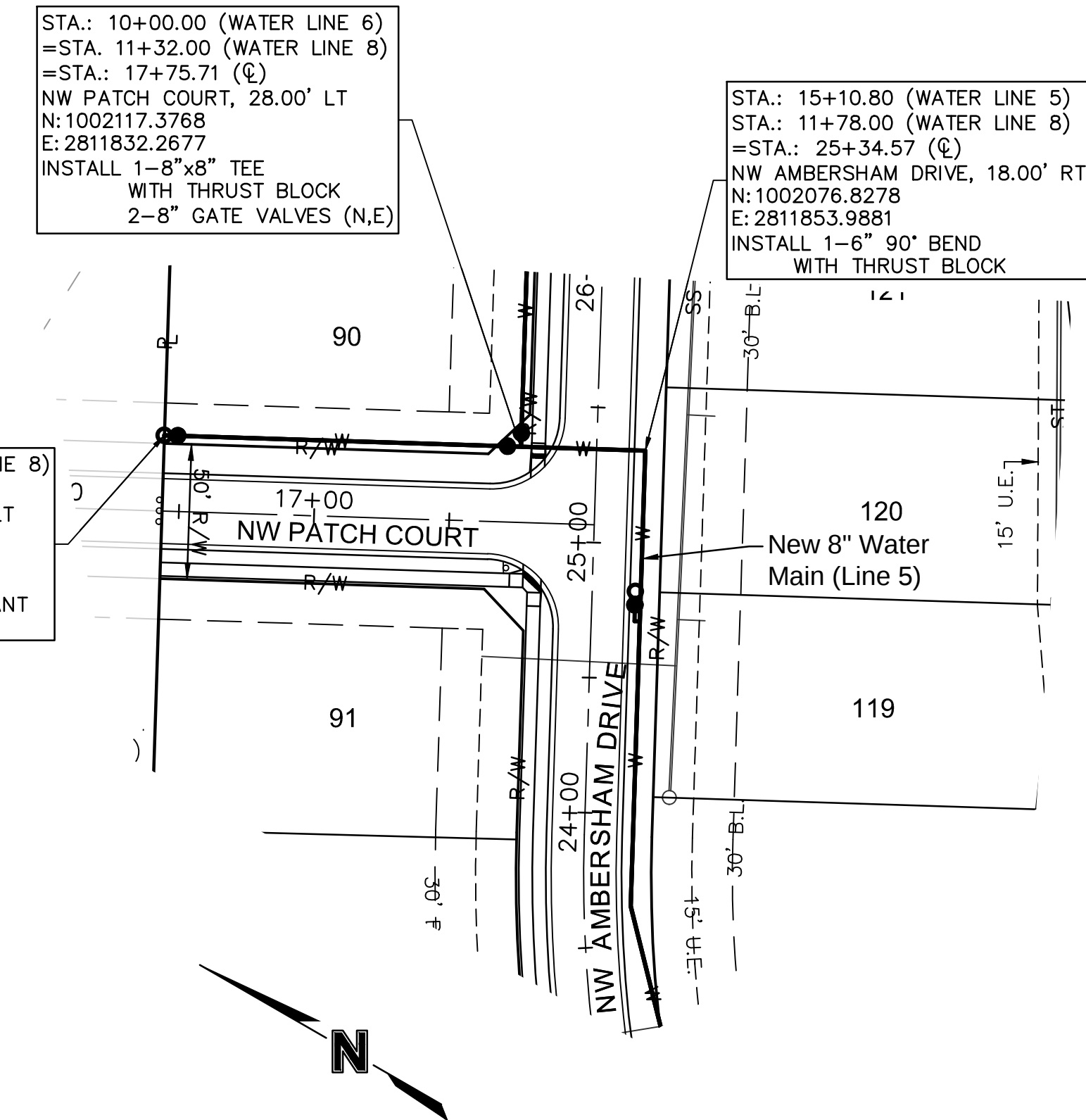
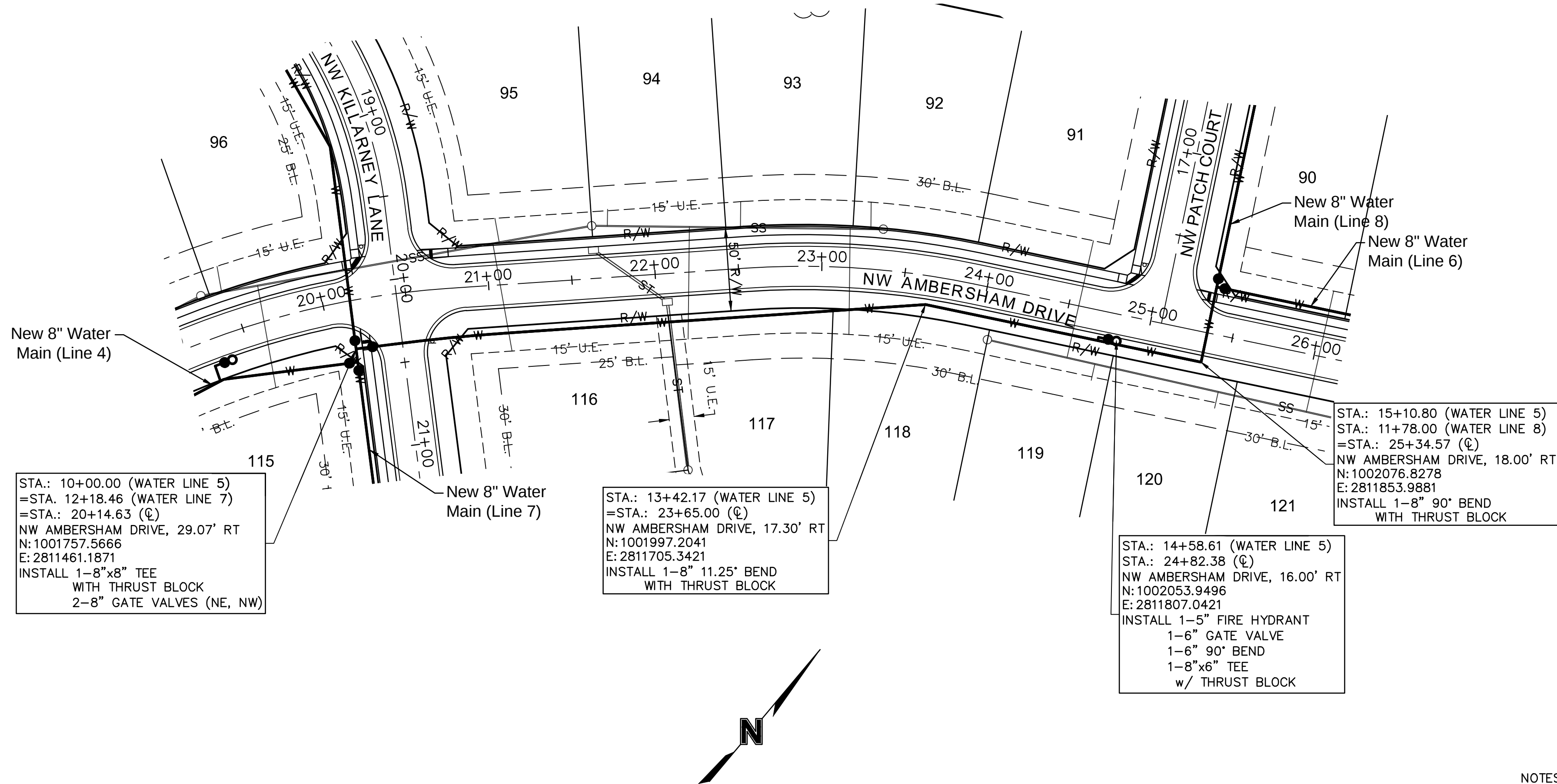
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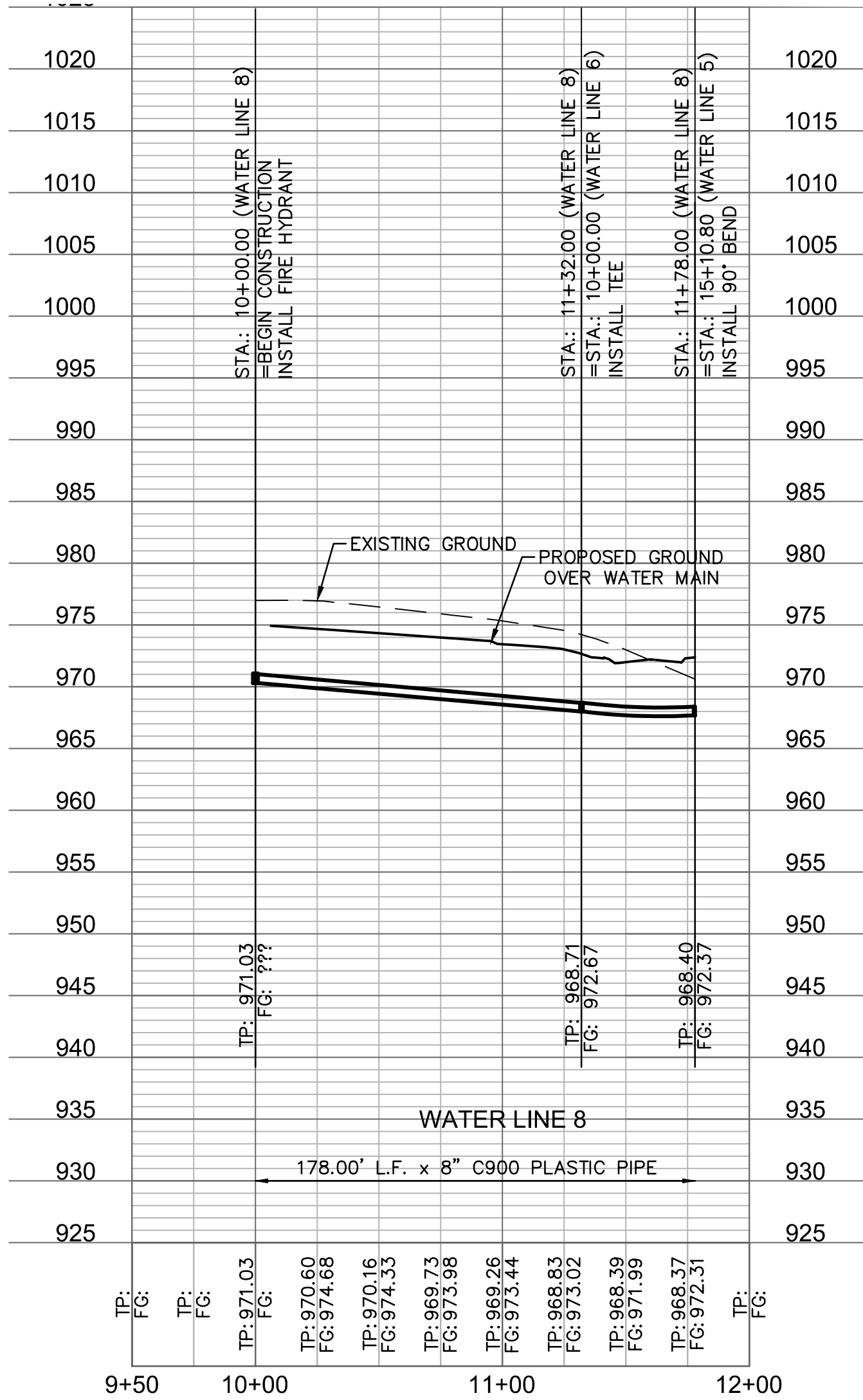
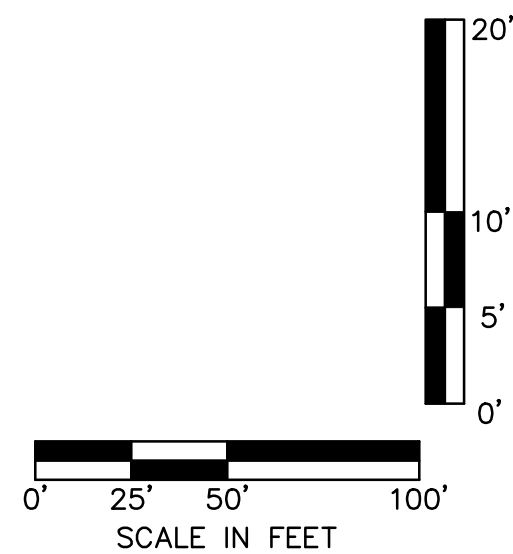
STATE OF MISSOURI
JULIE ELAINE
SELLERS
Professional Engineer
NUMBER
PE-2017000367
3/13/2019

olsson

NO. 1001-1500
300 E. MAIN ST., SUITE 100
NORTH KANSAS CITY, MO 64116
TEL. 816.861.1177
WWW.OLSSON.COM



- NOTES:
1. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND COMMUNICATE WITH ENGINEER IF DIFFERENT THAN PLANS.
 2. CONTRACTOR SHALL FILL AND COMPACT TO 95% STANDARD DENSITY TO A POINT 4" MINIMUM ABOVE THE TOP OF PIPE PRIOR TO EXCAVATION FOR THE PIPE.
 3. CONTRACTOR SHALL NOT INSTALL GATE VALVES WITHIN ADA RAMPS.
 4. MAXIMUM DEPTH OF THE WATER MAIN SHALL NOT EXCEED 7' FROM FINISH GRADE.



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NO. 1001-1500 of Ambersham Drive, 36x24, C_WAT04_1140A.dwg
300 E. BIRLING ST., SUITE 100
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TEL 816.981.1177
WWW.OLSSON.COM

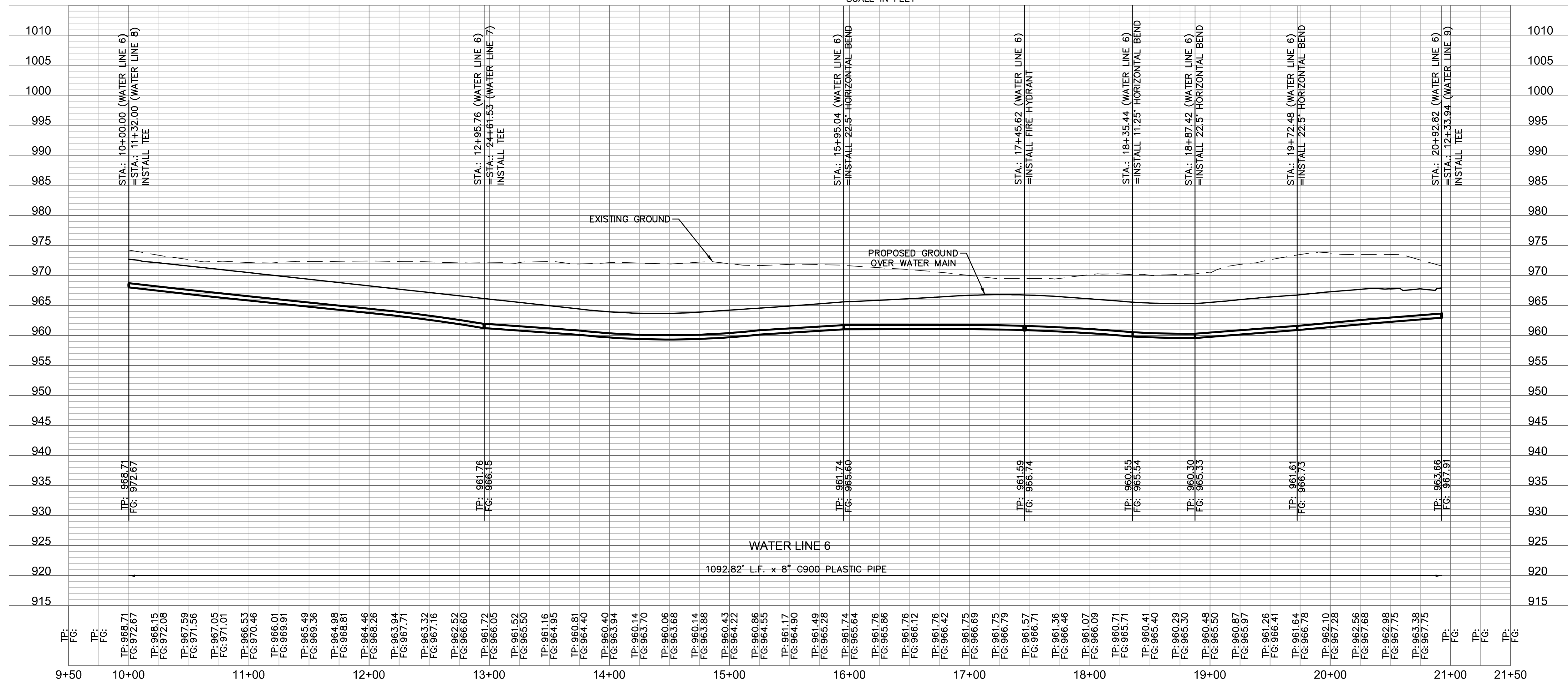
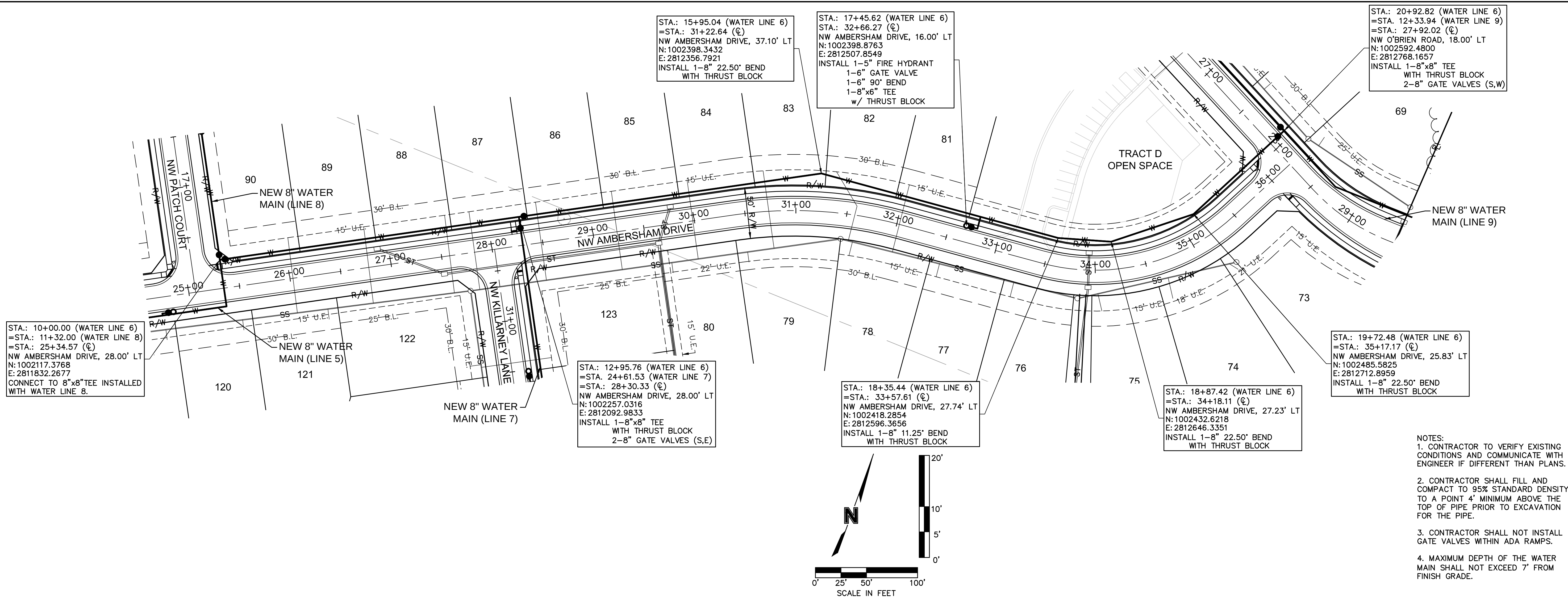
STATE OF MISSOURI
JULIE ELAINE SELLERS
Professional Engineer
NUMBER PE-2017000367
3/13/2019

BY: _____
NO. REV. _____
DATE _____
REVISIONS DESCRIPTION _____

WATER MAIN PLAN & PROFILE
WATER MAIN EXTENSION
WOODSIDE RIDGE
FIRST PLAT
LEE'S SUMMIT, MO
2019

drawn by: _____ D.A.H.O.
checked by: _____ J.E.S.
designed by: _____ S.M.S.
QA/QC by: _____ M.G.D.
project no.: _____ A18-1140
date: _____ 2019.03.12

SHEET
C310

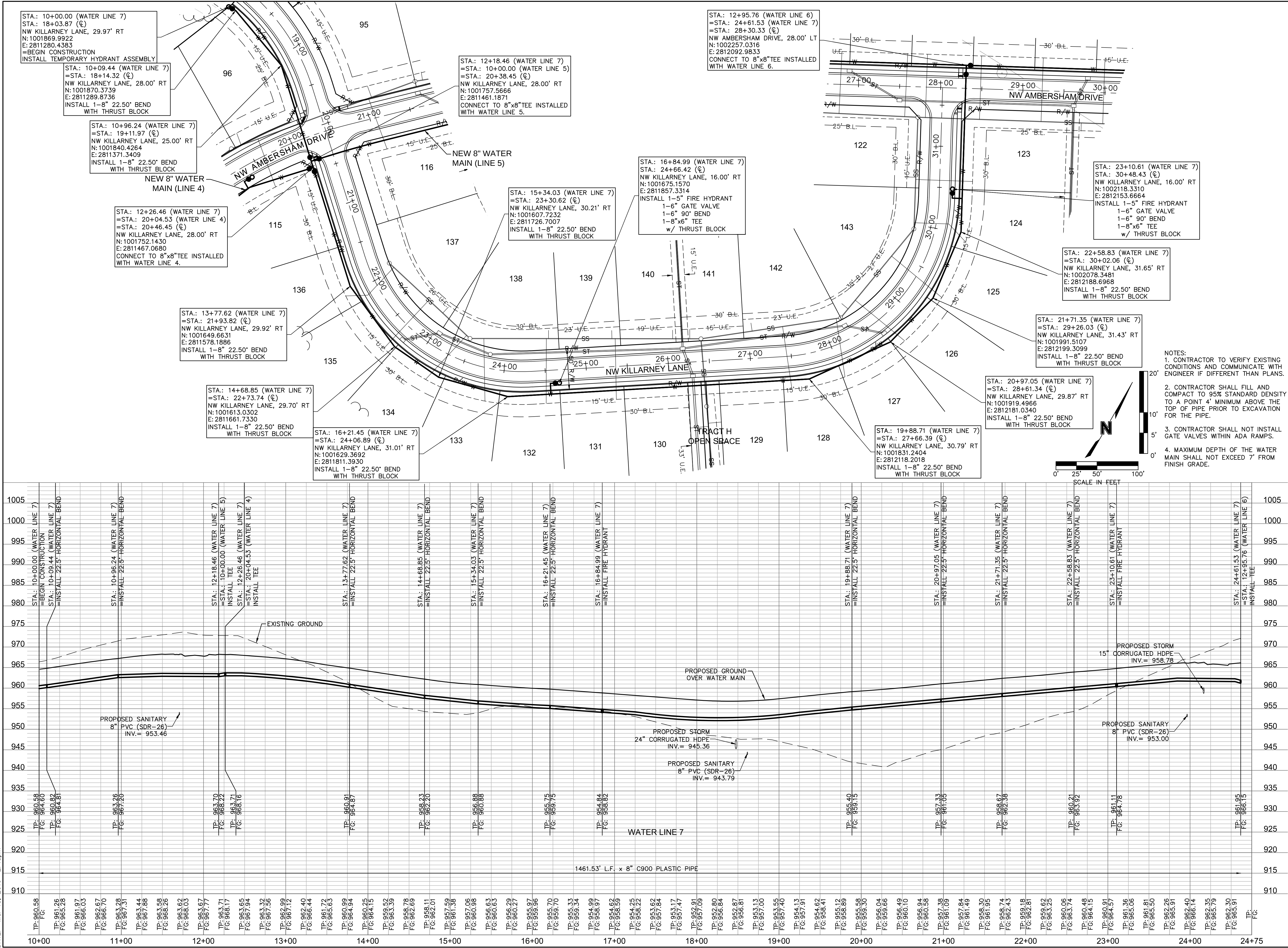


NOTES:

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DWG: F:\2018\1001-1500\018-1140-A\40-Design\AutoCAD\Final Plans\Sheets\GNCV\01_Water_36x24\C_WAT05_1140A.dwg
DATE: Mar 13, 2019 5:05pm
USER: ssaylor

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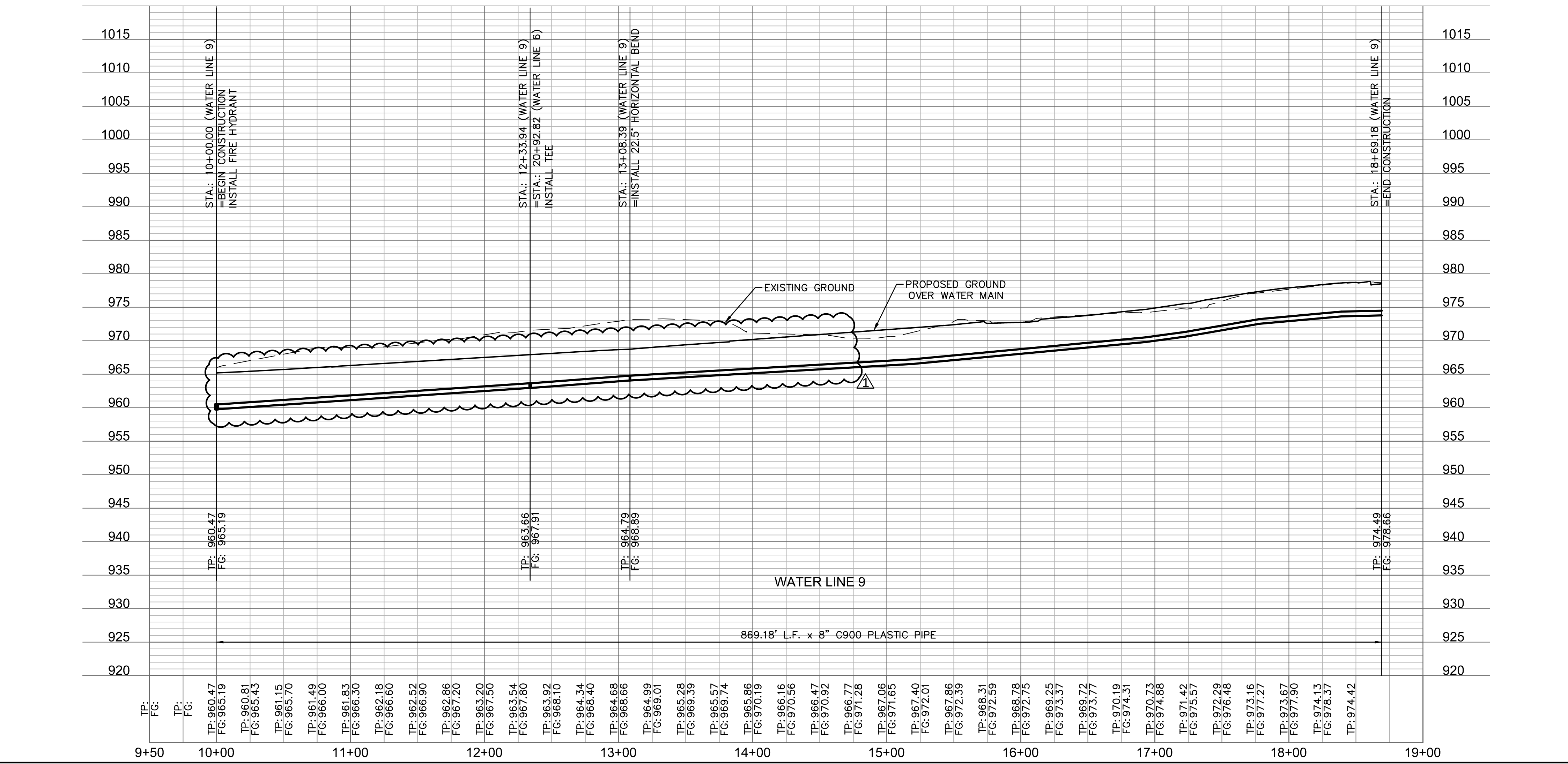
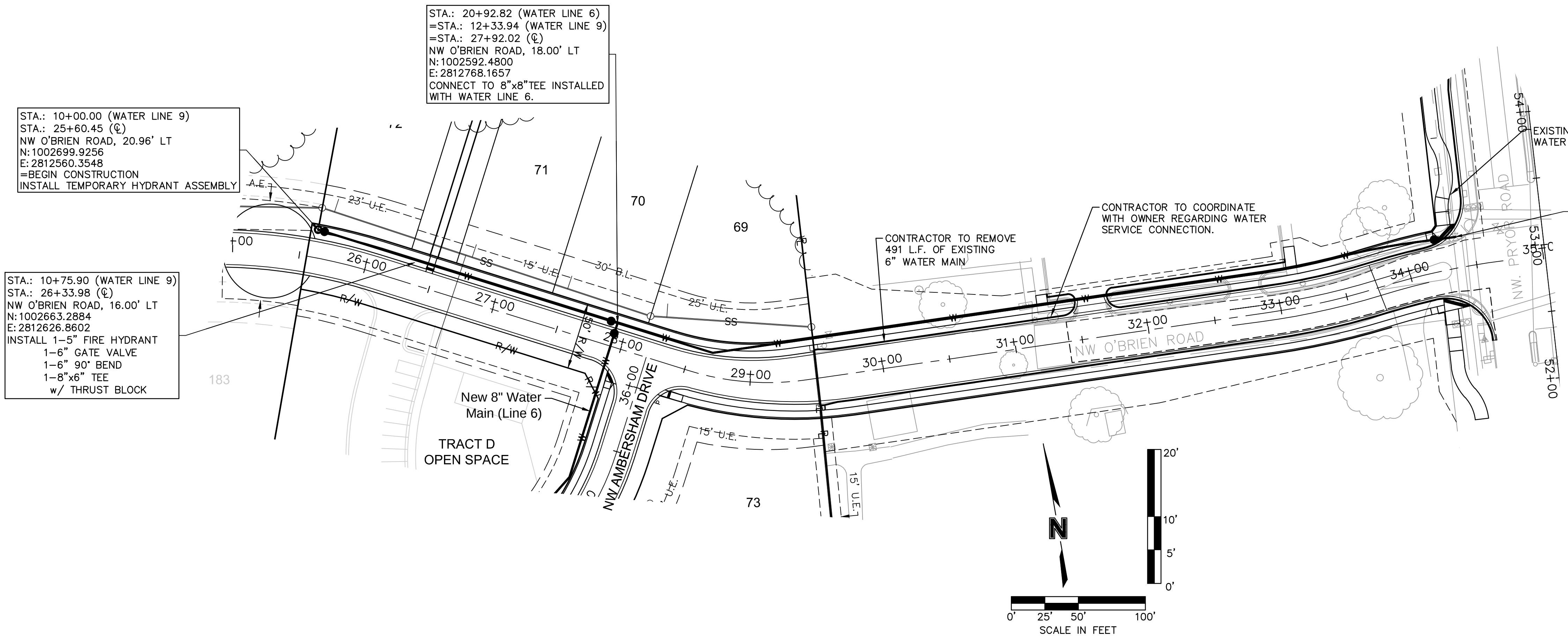
NSP Consultants of Arkansas, Inc. 1001
3001 HURLOCK STREET, SUITE 100
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STATE OF MISSOURI
JULIE ELAINE
SELLERS
NUMBER
FE-2017000367
PROFESSIONAL ENGINEER
3/13/2019

BY
REVISIONS DESCRIPTION
NO. REV. DATE
2019
WATER MAIN PLAN & PROFILE
WATER MAIN EXTENSION
WOODSIDE RIDGE
FIRST PLAT
LEE'S SUMMIT, MO

drawn by: D.A.H.O.
checked by: J.E.S.
designed by: S.M.S.
QA/QC by: M.G.B.
project no.: A18-1140
date: 2019.03.12

SHEET
C312



STA.: 18+69.17 (WATER LINE 9)
STA.: 34+38.01 (E)
NW O'BRIEN ROAD, 23.14' LT
N:1002547.3340
E:2813394.7700
AFTER TESTING & CHLORINATION
REMOVE EXISTING FLUSHING ASSEMBLY AND
CONNECT TO EXISTING 8" WATER
MAIN WITH 1-8" X 8" TEE
1-8" SOLID SLEEVE

NOTES:
1. CONTRACTOR TO VERIFY EXISTING
CONDITIONS AND COMMUNICATE WITH
ENGINEER IF DIFFERENT THAN PLANS.
2. CONTRACTOR SHALL FILL AND
COMPACT TO 95% STANDARD DENSITY
TO A POINT 4' MINIMUM ABOVE THE
TOP OF PIPE PRIOR TO EXCAVATION
FOR THE PIPE.
3. CONTRACTOR SHALL NOT INSTALL
GATE VALVES WITHIN ADA RAMPS.
4. MAXIMUM DEPTH OF THE WATER
MAIN SHALL NOT EXCEED 7' FROM
FINISH GRADE.

STATE OF MISSOURI
JULIE ELAINE
SELLERS
PROFESSIONAL ENGINEER
NUMBER
PE-2017000367
3/13/2019

BY: _____
NO. REV. _____
DATE 03/12/2019
REVISED PER CITY COMMENTS

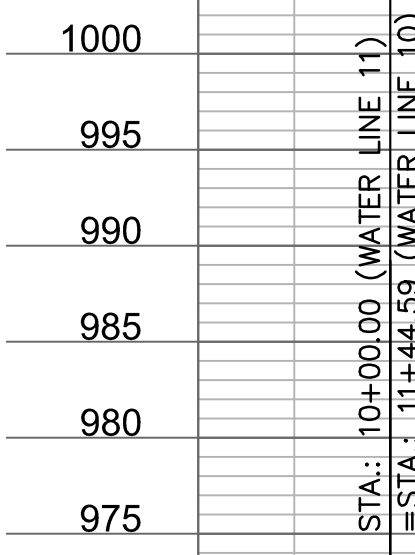
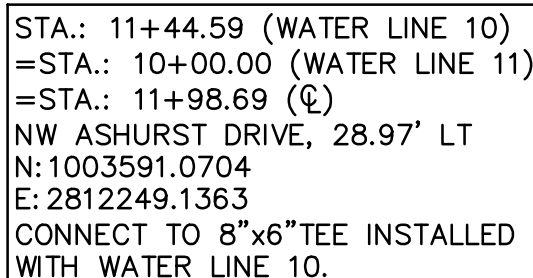
WATER MAIN PLAN & PROFILE
WATER MAIN EXTENSION
WOODSIDE RIDGE
FIRST PLAT
LEE'S SUMMIT, MO

2019

REVISIONS

drawn by: _____ D.A.H.O.
checked by: _____ J.E.S.
designed by: _____ S.M.S.
QA/QC by: _____ M.G.B.
project no.: A18-1140
date: 2019.03.12

SHEET
C313



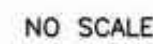
NOTES:
1. CONTRACTOR TO VERIFY EXISTING
CONDITIONS AND COMMUNICATE WITH
ENGINEER IF DIFFERENT THAN PLANS



LEE'S SUMMIT, MO

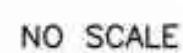
Working Pressure	150	psi
Surge Allowance	100	psi
Design Pressure	250	psi
Soil Bearing Capacity	1500	psf
Safety Factor	1.0	
Min. Bearing Area	4.0	sf
Max. Bearing Area	50.0	sf

ALL BENDS WITHOUT RESTRAINED JOINTS SHALL HAVE CONCRETE THRUST BLOCKS INSTALLED FOR RESTRAINT. MEGA LUGS MAY BE USED ONLY IN CONJUNCTION WITH CONCRETE THRUST BLOCKING.



Working Pressure	150	psi
Surge Allowance	100	psi
Design Pressure	250	psi
Conc. Unit Weight	140	pcf
Safety Factor	1.0	
Min. Block Size	4.0	cf
Max. Block Size	216.0	cf

ALL BENDS WITHOUT RESTRAINED JOINTS SHALL HAVE CONCRETE THRUST BLOCKS INSTALLED FOR RESTRAINT. MEGA LUGS MAY BE USED ONLY IN CONJUNCTION WITH CONCRETE THRUST BLOCKING.



N.T.S.



1. A MINIMUM OF 42 INCHES OF COVER SHALL BE OVER THE TOP OF THE PIPE. THIS MINIMUM OF COVER SHALL BE FROM THE TOP OF PIPE TO THE FINISHED GRADE. A MAXIMUM COVER OF 7' SHALL BE ALLOWED.
2. BEDDING AGGREGATE SHALL BE PLACES FROM A LEVEL 6 INCHES BELOW THE BOTTOM OF THE PIPE TO A LEVEL 6 INCHES ABOVE THE TOP OF THE PIPE.
3. TRENCH BACKFILL IN PAVED AREAS WITHIN STREET OR ALLEY RIGHT OF WAY:
 - a. NARROW TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES 24 INCHES OR LESS IN WIDTH AND SHALL BE TYPE A FLOWABLE FILL.
 - b. STANDARD TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES BETWEEN 24 TO 48 INCHES WIDE SHALL BE EITHER TYPE A FLOWABLE FILL OR DENSE, WELL GRADED AGGREGATE BASE MATERIAL. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS FOR KDOT AB-3; MODOT TYPES 1 OR 5; OR APWA 2202.2.
 - c. WIDE TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES BETWEEN GREATER THAN 48 INCHES WIDE SHALL BE SUITABLE MATERIAL AS SPECIFIED FOR EARTH EMBANKMENT IN APWA STANDARD SPECIFICATIONS, SECTION 2102.2.C.
 - d. SUITABLE BACKFILL MATERIAL OUTSIDE OF PAVED AREAS WITHIN RIGHT OF WAY, AND ALL AREAS OUTSIDE RIGHT OF WAY, MAY BE SUITABLE MATERIAL AS SPECIFIED FOR EARTH EMBANKMENT IN APWA STANDARD SPECIFICATIONS, SECTION 2102.2.C. SUITABLE BACKFILL MATERIAL MAY ALSO BE OTHER TRENCH BACKFILL MATERIAL (FLOWABLE FILL OR AGGREGATE BASE) DEPENDING ON SITE CONDITIONS, TRENCH WIDTHS OR AT THE DIRECTION OF THE CITY'S ON SITE INSPECTOR.



N.T.S.



PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

VALVE STEM EXTENSION AND VALVE BOX

Date: 02/13
Drawn By: JN
Checked By: DL
FILE: WAT-9
Rev: 1/14
Rev:

LEE'S SUMMIT, MO

drawn by: D.A.H.O
checked by: J.E.S
designed by: S.M.S
QA/QC by: M.G.D
project no.: A18-1140
date: 2019.03.12

SHEET
C316

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