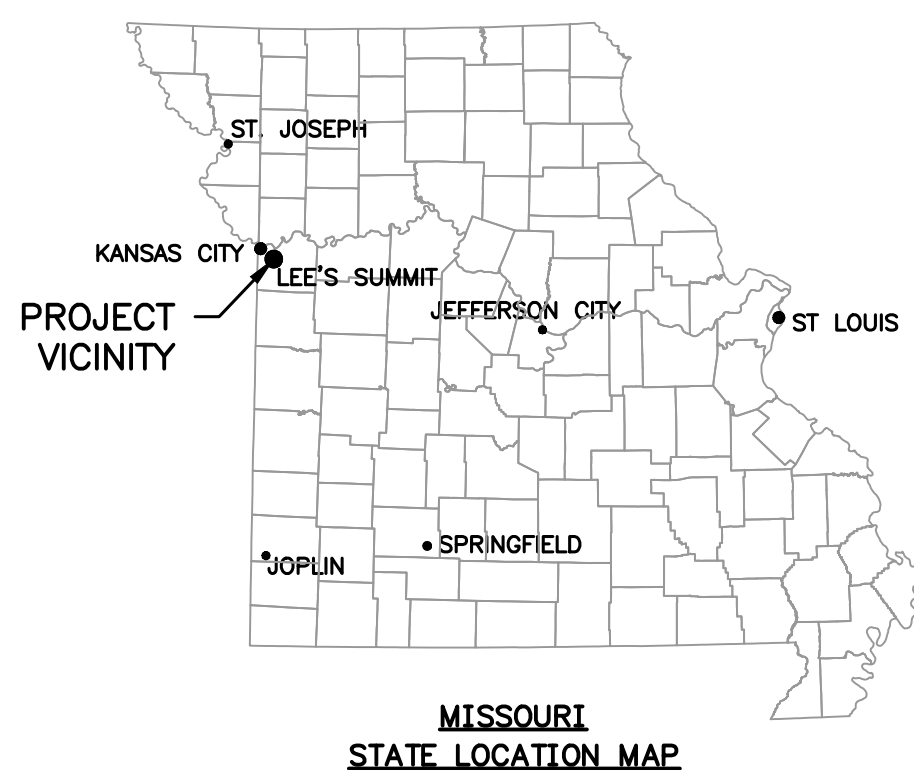


SUMMIT VIEW FARMS 3RD PLAT
LOTS 51-74 AND TRACT C

WATER LINE PLANS
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
SECTION 26, TOWNSHIP 47 N, RANGE 32 W
LRA NO. 0318050.01



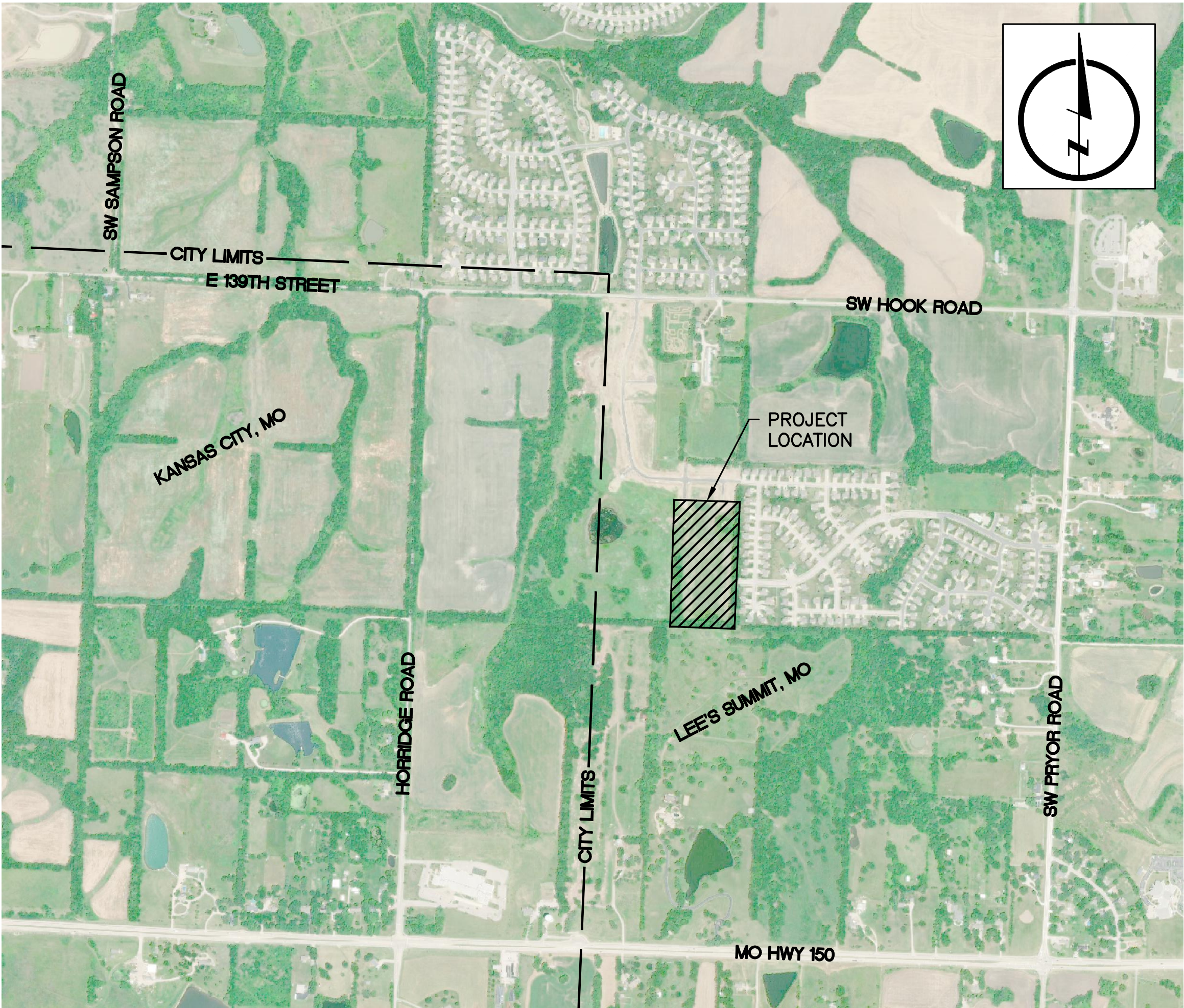
OWNER CONTACT
BILL KENNEY
SUMMIT VIEW FARMS DEVELOPMENT GROUP, LLC
P.O. BOX 291
LEE'S SUMMIT, MO 64063
billkenney9@gmail.com
(816) 838-0552

CONSULTANT CONTACT
DAN MCGHEE
LARKIN LAMP RYNEARSON
9001 STATE LINE ROAD, SUITE 200
KANSAS CITY, MO 64114
Dan.McGhee@LRA-inc.com
(816) 361-0440



ALL UTILITIES ARE SHOWN BASED ON THE INFORMATION AVAILABLE TO THE ENGINEER. THERE IS NO GUARANTEE ALL FACILITIES ARE SHOWN OR THAT THE LOCATION, DEPTH, AND SIZE OF EACH FACILITY IS CORRECT. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES AND SERVICE LINES PRIOR TO CONSTRUCTION. COORDINATE NECESSARY RELOCATIONS WITH UTILITY COMPANIES.

UTILITIES		
ELECTRIC:	EVERGY	(816) 471-5275
GAS:	SPIRE ENERGY	(816) 756-5252
TELEPHONE:	AT&T	(816) 325-5607
CABLE:	SPECTRUM	(816) 358-8833
WATER:	LEE'S SUMMIT WATER UTILITIES	(816) 969-1900
SEWER:	LEE'S SUMMIT WATER UTILITIES	(816) 969-1900



LOCATION MAP

INDEX OF SHEETS

- 01 COVER SHEET
- 02 GENERAL LAYOUT PLAN SHEET
- 03 WATER LINE PLAN AND PROFILE LINE 3-01
- 04 WATER LINE PLAN AND PROFILE LINES 3-02A AND 3-02B
- 05 WATER LINE PROFILE LINES 3-03A AND 3-03B
- 06 WATER DETAILS

RECORD DRAWING
THIS RECORD DRAWING IS A FINAL RECORD OF THE INSTRUCTIONS PROVIDED FOR CONSTRUCTION AND MAY NOT ACCURATELY REFLECT ALL ACTUAL WORK IN PLACE. REVISIONS HAVE BEEN PREPARED BASED ON INFORMATION FURNISHED BY OTHERS. THOSE RELYING ON THIS RECORD DRAWING ARE ADVISED TO VERIFY ALL INFORMATION.



APPROVED: MARK DANIEL MCGHEE JR., PE

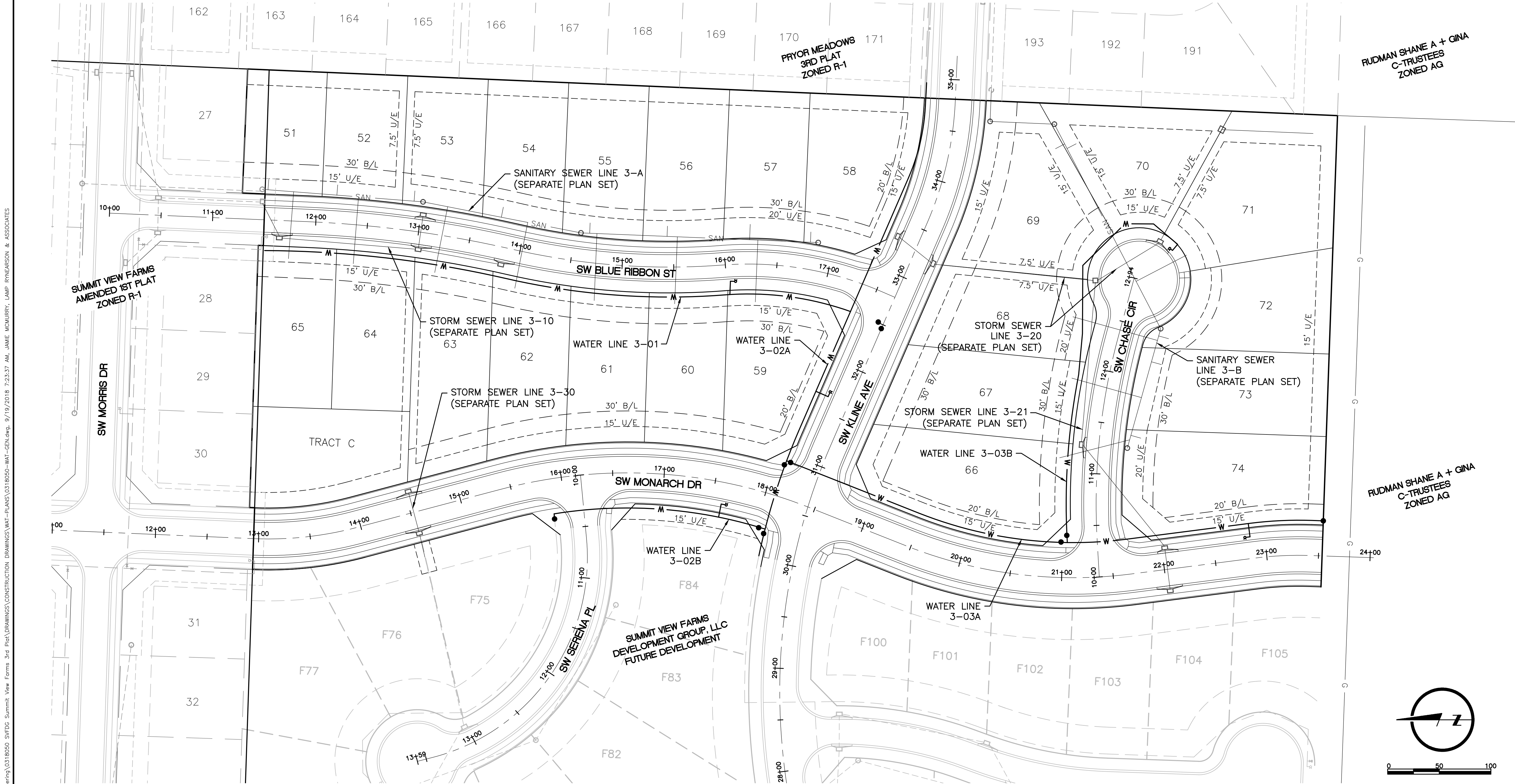
DATE: 02-04-2020



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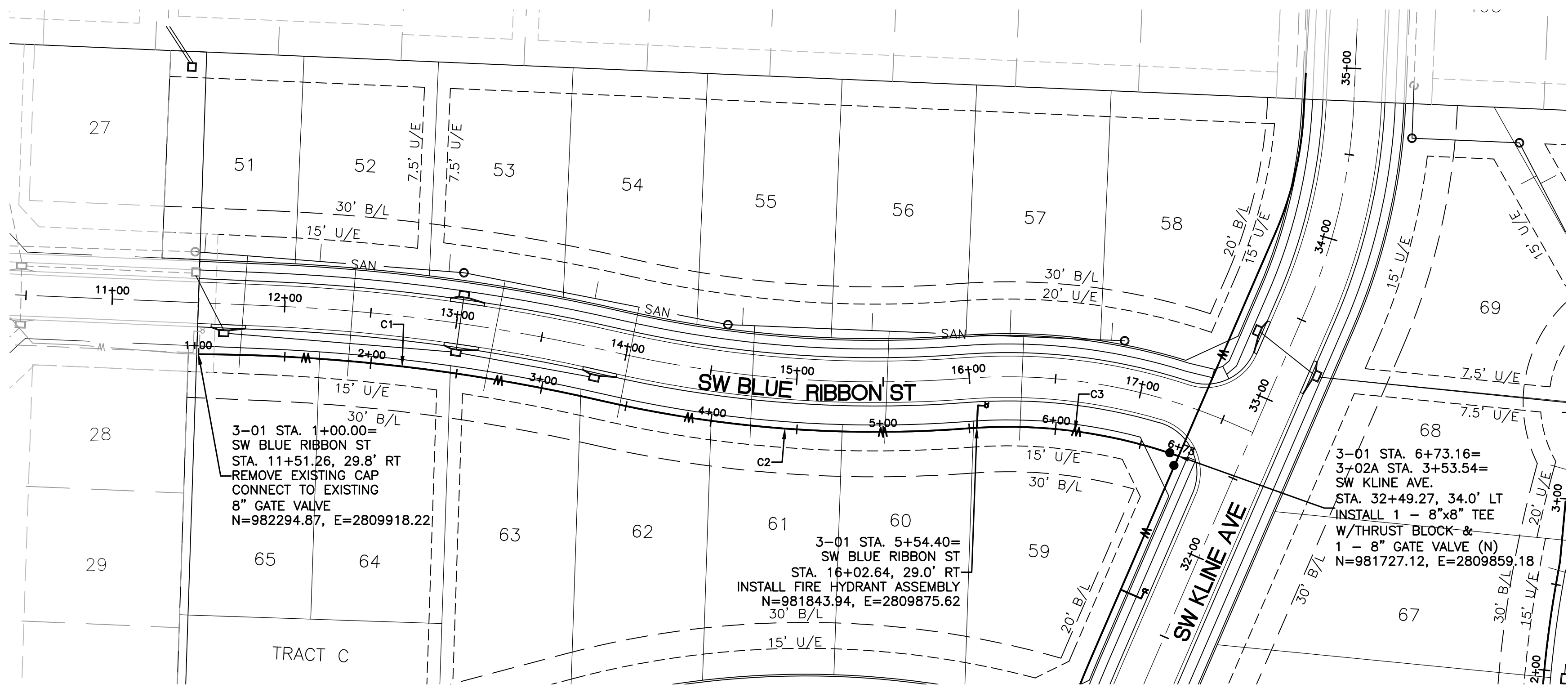
GENERAL NOTES:

1. ALL CONSTRUCTION TO FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.
2. ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE ENGINEERING DEPARTMENT OF THE CITY OF LEE'S SUMMIT, MISSOURI.
3. LINEAL FOOT MEASUREMENTS SHOWN ON THE PLANS ARE HORIZONTAL MEASUREMENTS, NOT SLOPE MEASUREMENTS.
4. NO GEOLOGICAL INVESTIGATION THIS BEEN PERFORMED ON THIS PLAT.
5. THE UTILITY LOCATIONS SHOWN ON THESE PLANS ARE TAKEN FROM UTILITY COMPANY RECORDS AND APPARENT FIELD LOCATIONS. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL ADHERE TO THE PROVISIONS OF THE SENATE BILL NUMBER 583, 78TH GENERAL ASSEMBLY OF THE STAT OF MISSOURI. THE BILL REQUIRES THAT ANY PERSON OR FIRM DOING EXCAVATION ON PUBLIC RIGHT-OF-WAY DO SO ONLY AFTER GIVING NOTICE TO, AND OBTAINING INFORMATION FROM, UTILITY COMPANIES. STATE LAW REQUIRES 72 HOURS ADVANCE NOTICE. THE CONTRACTOR MAY ALSO UTILIZE THE FOLLOWING TOLL FREE PHONE NUMBER PROVIDED BY "MISSOURI ONE CALL SYSTEM, INC.": 1-(800)-DIG-RITE OR 811. THIS PHONE NUMBER IS APPLICABLE ANYWHERE WITHIN THE STATE OF MISSOURI PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE COMPANIES WHICH ARE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION TO BE PERFORMED.

7. THE CONTRACTOR SHALL PROTECT ALL MAJOR TREES FROM DAMAGE. NO TREE SHALL BE REMOVED WITHOUT PERMISSION OF THE OWNER, UNLESS SHOWN OTHERWISE.
8. ALL EXCAVATION SHALL BE UNCLASSIFIED.
9. THE CONTRACTOR SHALL CONTROL THE EROSION AND SILTATION DURING ALL PHASES OF CONSTRUCTION, AND SHALL KEEP THE STREETS CLEAN OF MUD AND DEBRIS.
10. ALL MANHOLES, CATCH BASINS, UTILITY VALVES AND METER PITS TO BE ADJUSTED OR REBUILT TO GRADE AS REQUIRED. ALL EXISTING UTILITIES SHALL BE ADJUSTED AS REQUIRED.
11. THE CONTRACTOR SHALL CONTACT PUBLIC WORKS INSPECTIONS AT 816-969-1800 TO OBTAIN A PUBLIC WORKS CONSTRUCTION PERMIT. PERMITS ARE ISSUED BY THE DEVELOPMENT ENGINEERING DIVISION AFTER PLANS ARE APPROVED FOR PERMITTING AND FEES ARE PAID.
12. THE CONTRACTOR SHALL CONTACT THE CITY'S DEVELOPMENT ENGINEERING FIELD ENGINEERING INSPECTORS AT 816-969-1200 PRIOR TO ANY LAND DISTURBANCE.
13. THE CONTRACTOR SHALL CONTACT THE CITY'S RIGHT-OF-WAY INSPECTOR AT 816-969-1800 PRIOR TO ANY LAND DISTURBANCE ACTIVITIES WITHIN THE RIGHT-OF-WAY. THESE ACTIVITIES MAY REQUIRE A PERMIT.
14. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL TRAFFIC HANDLING MEASURES NECESSARY TO ENSURE THAT THE GENERAL PUBLIC IS PROTECTED AT ALL TIMES. TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD - LATEST EDITION).

DRAWN BY JAM	DESIGNED BY MDM	DATE 09-19-2018	JOB NUMBER-TASKS 0316050.01	BOOK AND PAGE
REVISIONS				
09/19/18 - RESUBMITAL PER ADJUSTED LAYOUT				
09/19/18 - RESUBMITAL PER CITY COMMENTS				
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Kansas City, Missouri 64114 816.361.0045 F				
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SUMMIT VIEW FARMS 3RD PLAT				
LEES SUMMIT, MISSOURI				
WATER LINE PLANS				
GENERAL LAYOUT PLAN SHEET				
LARKIN LAMP RYNEARSON - ENGINEERS				
MO Certificate of Authority No. 2013011903				
STATE OF MISSOURI				
MARK DANIEL MCGHEE JR.				
PE-2008019568				
09-19-2018				
MARK DANIEL MCGHEE JR.				
PE - 2008019568				
SHEET				
2 OF 6				

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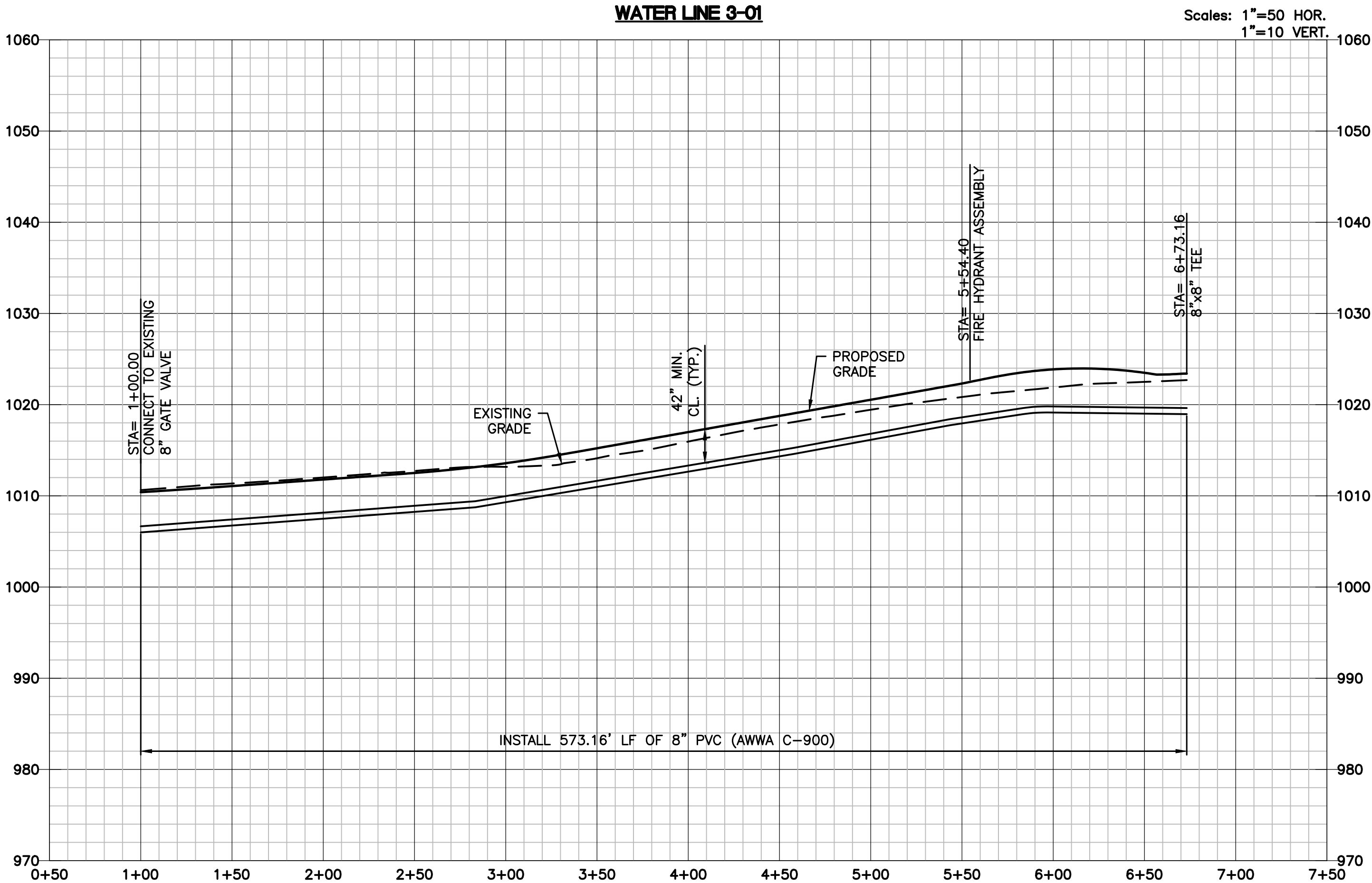
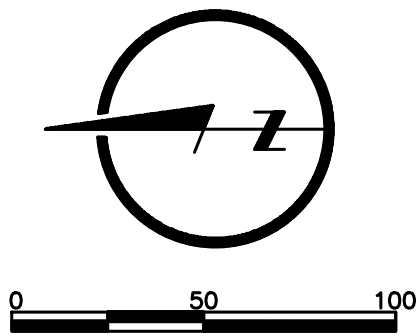


ALIGNMENT TABLE					
Line #/Curve #	Length	Direction/Delta	Radius	BEGIN NORTHING/EASTING	END NORHTING/EASTING
C1	236.50	012.65	1071.00	N=982294.87/E=2809918.22	N=982060.42/E=2809891.06
C2	213.12	017.35	704.00	N=982060.42/E=2809891.06	N=981848.70/E=2809875.29
C3	123.53	023.91	296.00	N=981848.70/E=2809875.29	N=981727.12/E=2809859.18

ASBUILTS

ONLY WATER VALVES AND FIRE HYDRANT ASSEMBLIES WERE ASBUILT. THE ACTUAL LOCATION OF THE WATER LINE, HORIZONTALLY AND VERTICALLY WERE NOT FIELD VERIFIED.

- WATER MAIN NOTES (APPLICABLE TO ALL WATER MAIN PLAN AND PROFILE SHEETS):
1. WATER MAINS AND SANITARY SEWER MAINS (INCLUDING STRUCTURES) SHALL HAVE AT LEAST 10-FT OF HORIZONTAL SEPARATION FROM EDGE OF WATER PIPE TO EDGE OF SEWER PIPE OR SEWER STRUCTURE.
 2. WATER MAINS AND SANITARY SEWERS SHALL HAVE AT LEAST 18-INCHES OF VERTICAL SEPARATION FROM EDGE OF PIPE TO EDGE OF PIPE. THE CROSSING SHALL BE ARRANGED SO THAT THE WATER MAIN JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER MAIN JOINTS.
 3. CONCRETE THRUST BLOCKS SHALL BE INSTALLED AT ALL HORIZONTAL FITTING, VERTICAL FITTING, AND FIRE HYDRANT ASSEMBLY LOCATIONS IN ACCORDANCE WITH CITY STANDARD DETAILS WAT-1, WAT-2, AND WAT-8.



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JAM

DESIGNED BY
MDM

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09-19-2018

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SUMMIT VIEW FARMS 3RD PLAT
LEES SUMMIT, MISSOURI

WATER LINE PLANS

WATER LINE PLAN AND PROFILE

WATER LINE 3-01

LARKIN LAMP RYNEARSON - ENGINEERS
MEO Certificate of Authority No. 2013011803

STATE OF MISSOURI

MARK DANIEL MCGHEE JR.

NUMBER
PE-2008019568

PROFESSIONAL ENGINEER

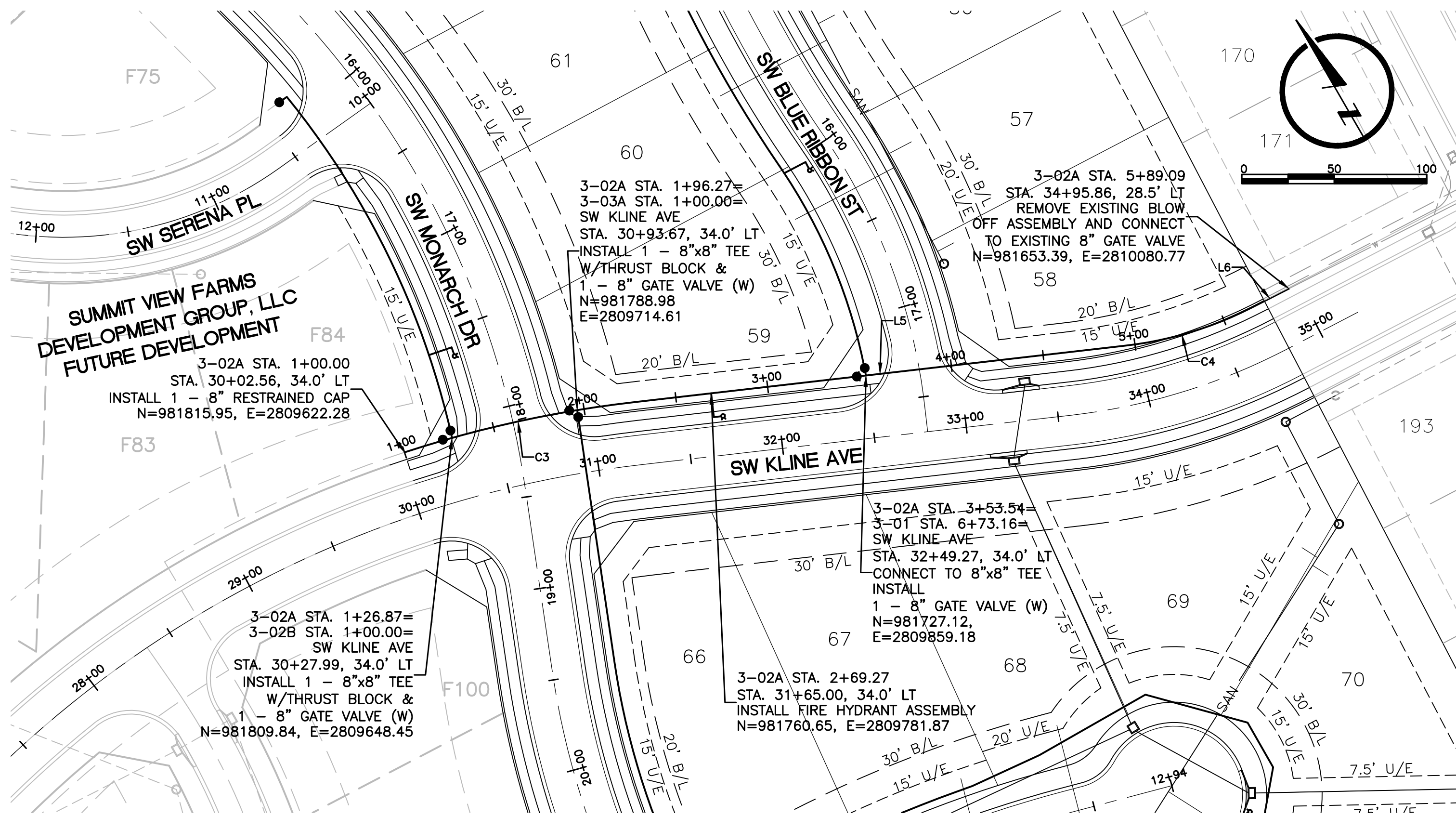
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MARK DANIEL MCGHEE JR.
PE - 2008019568

SHEET

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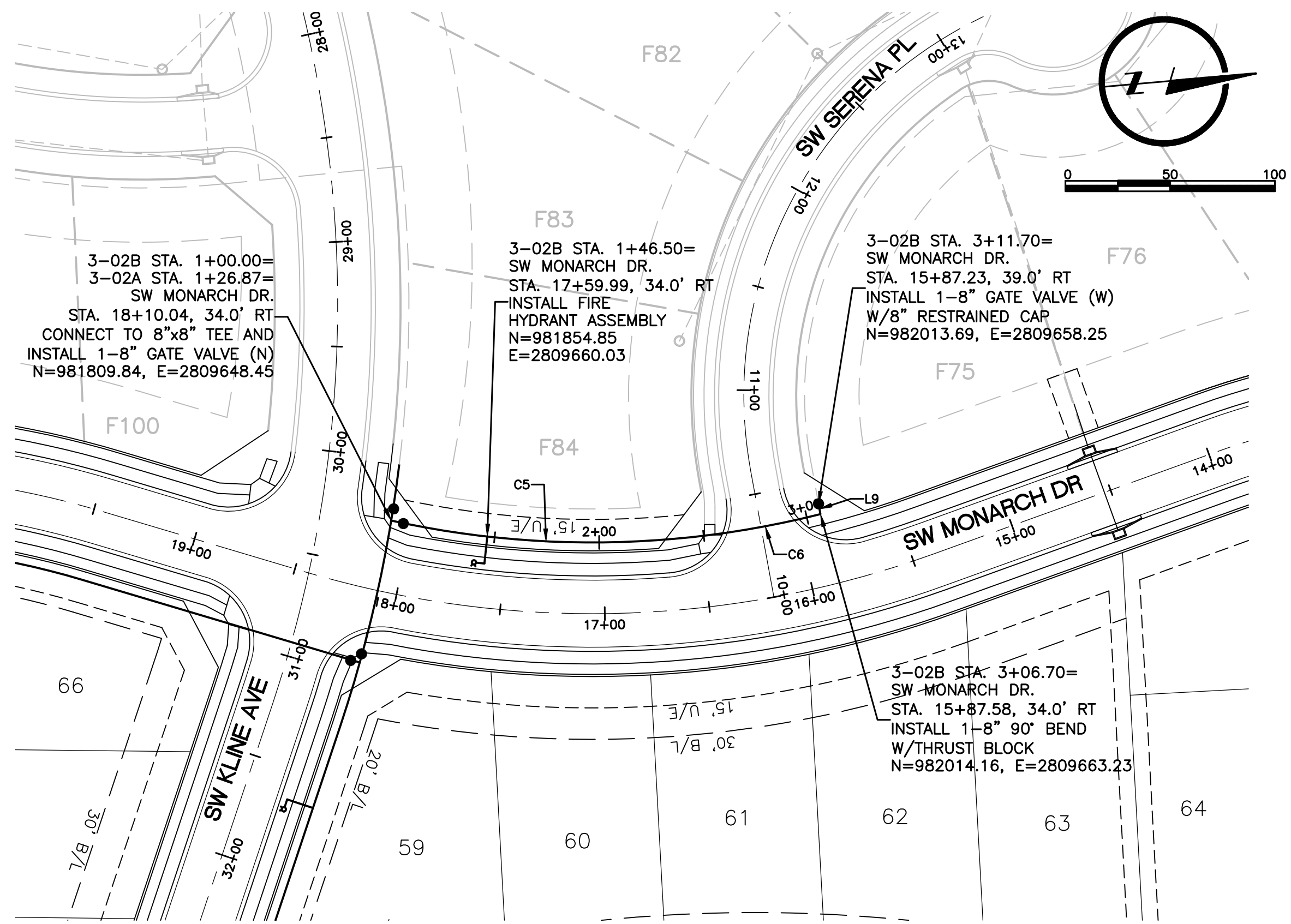
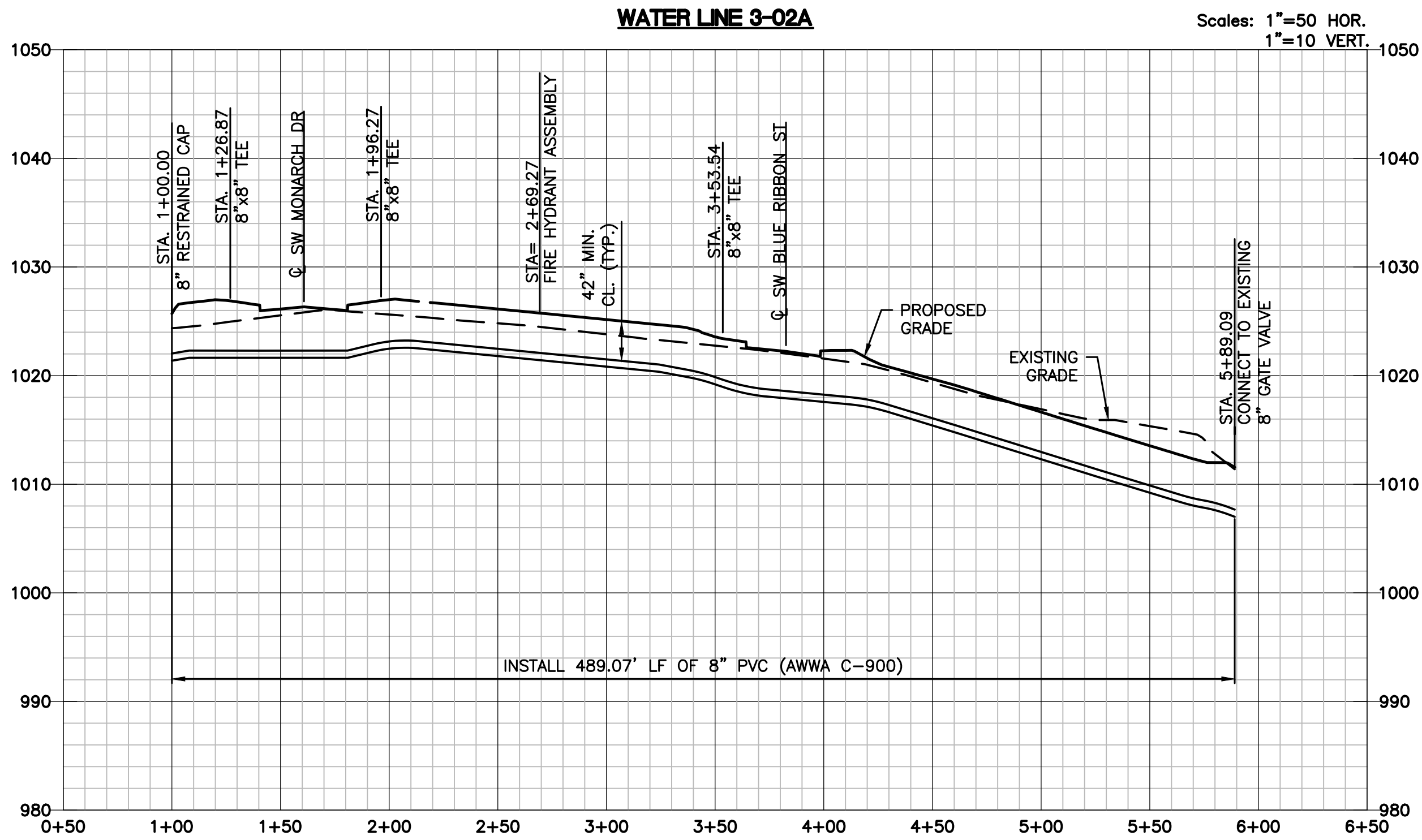
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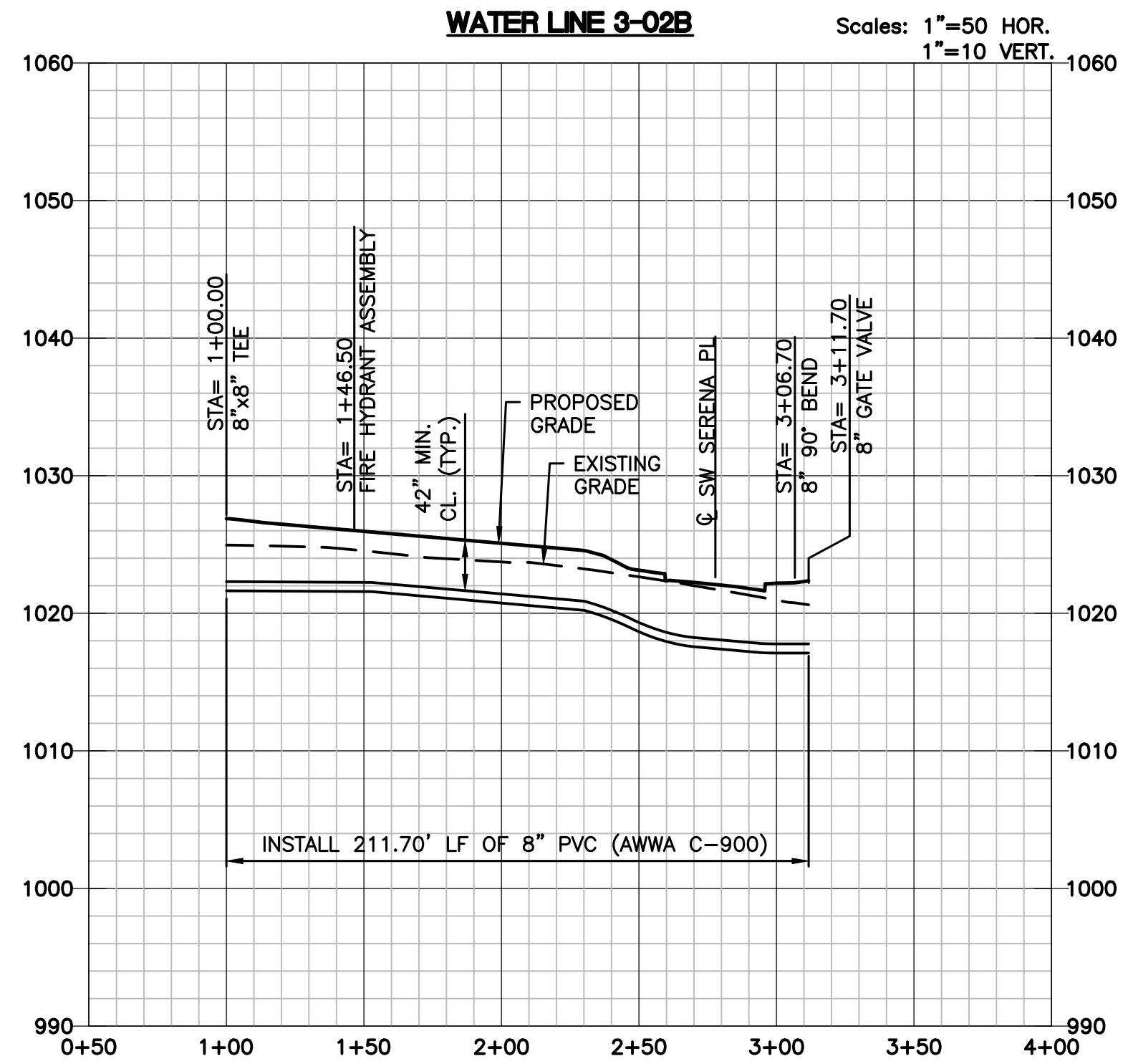
ALIGNMENT TABLE					
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C3	127.40	011.51	634.00	N=981815.95/E=2809622.28	N=981777.31/E=2809743.45
L5	267.57	S66° 33' 24.07"E		N=981777.31/E=2809743.45	N=981670.86/E=2809988.93
C4	71.00	020.34	199.98	N=981670.86/E=2809988.93	N=981654.64/E=2810057.67
L6	23.13	S86° 53' 44.47"E		N=981654.64/E=2810057.67	N=981653.39/E=2810080.77

ASBUILTS

ONLY WATER VALVES AND FIRE HYDRANT ASSEMBLIES WERE ASBUILT. THE ACTUAL LOCATION OF THE WATER LINE, HORIZONTALLY AND VERTICALLY WERE NOT FIELD VERIFIED.

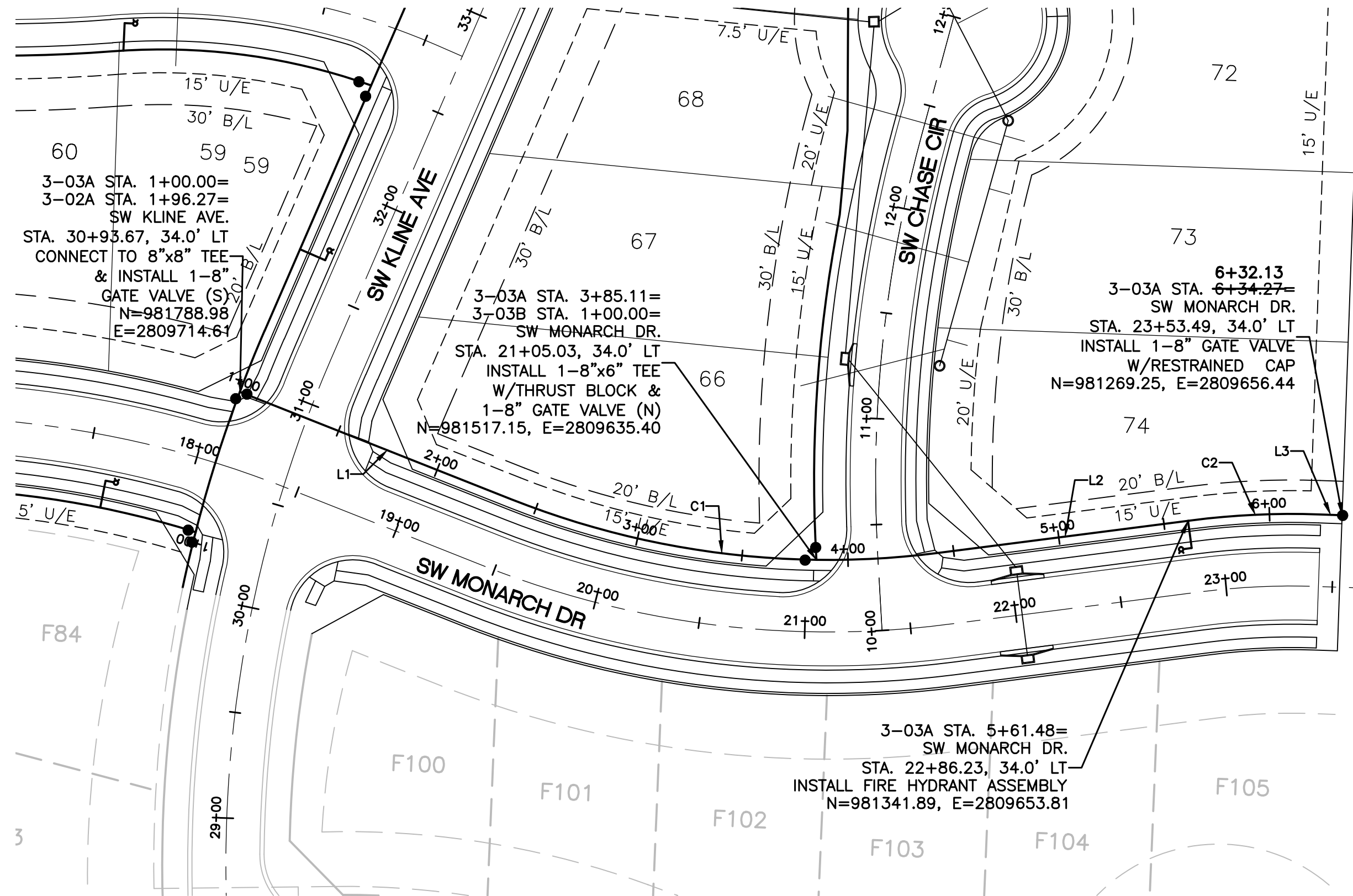


ALIGNMENT TABLE					
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C5	156.24	020.07	446.00	N=981806.50/E=2809647.39	N=981960.50/E=2809668.56
C6	53.96	007.24	427.03	N=981960.50/E=2809668.56	N=982014.16/E=2809663.23
L9	5.00	S84° 35' 12.87"W		N=982014.16/E=2809663.23	N=982013.69/E=2809658.25

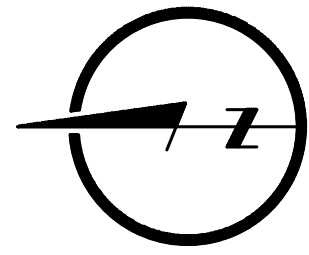


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WATER LINE PLANS				
WATER LINE PLAN AND PROFILE				
WATER LINE 3-02A AND 3-02B				
LARKIN LAMP RYNEARSON - ENGINEERS MIO Certificate of Authority No. 2013011803				
STATE OF MISSOURI MARK DANIEL MCGHEE JR. NUMBER PE-2008019568 PROFESSIONAL ENGINEER 02-04-2020				
MARK DANIEL MCGHEE JR. PE - 2008019568				
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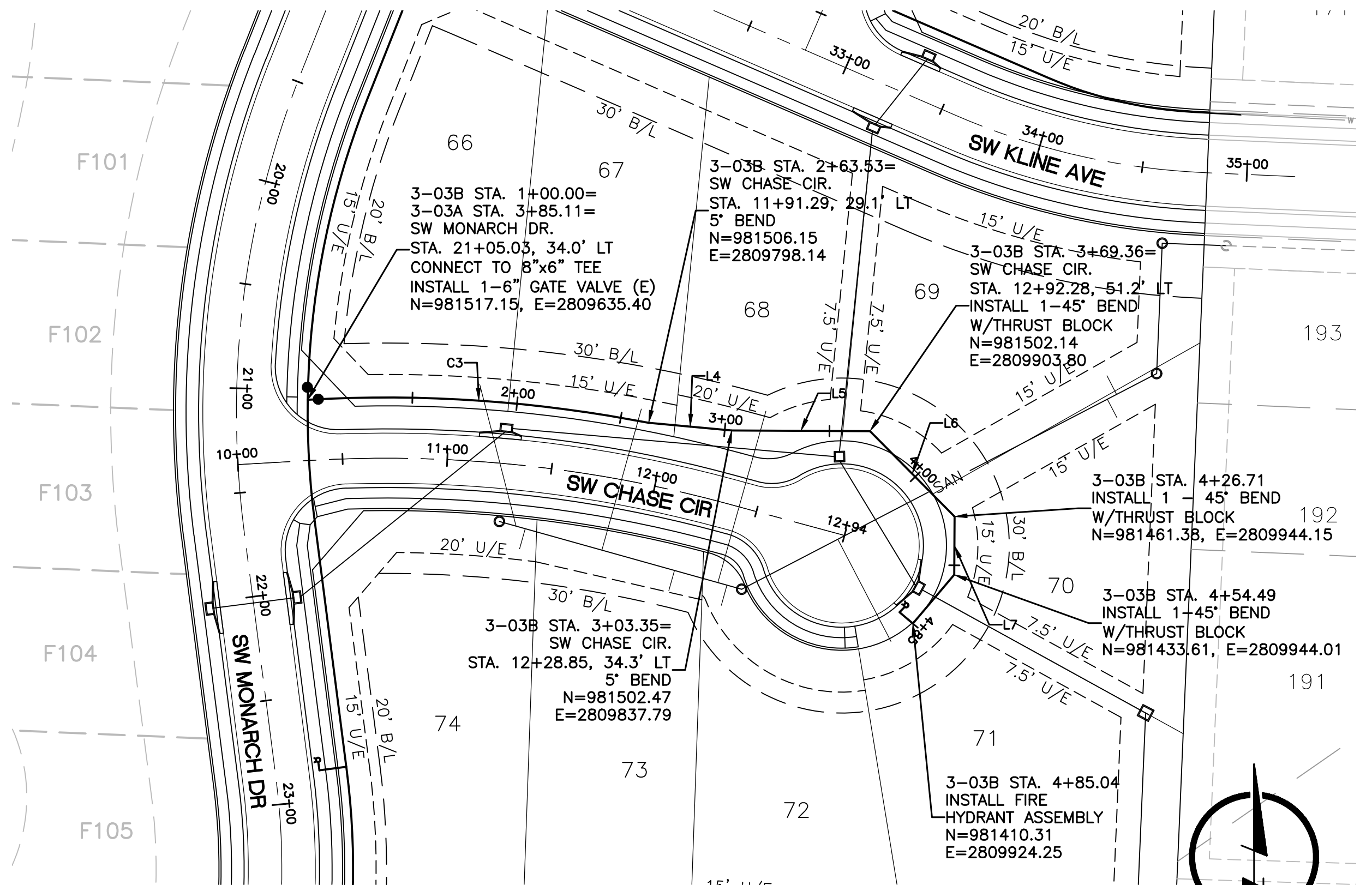
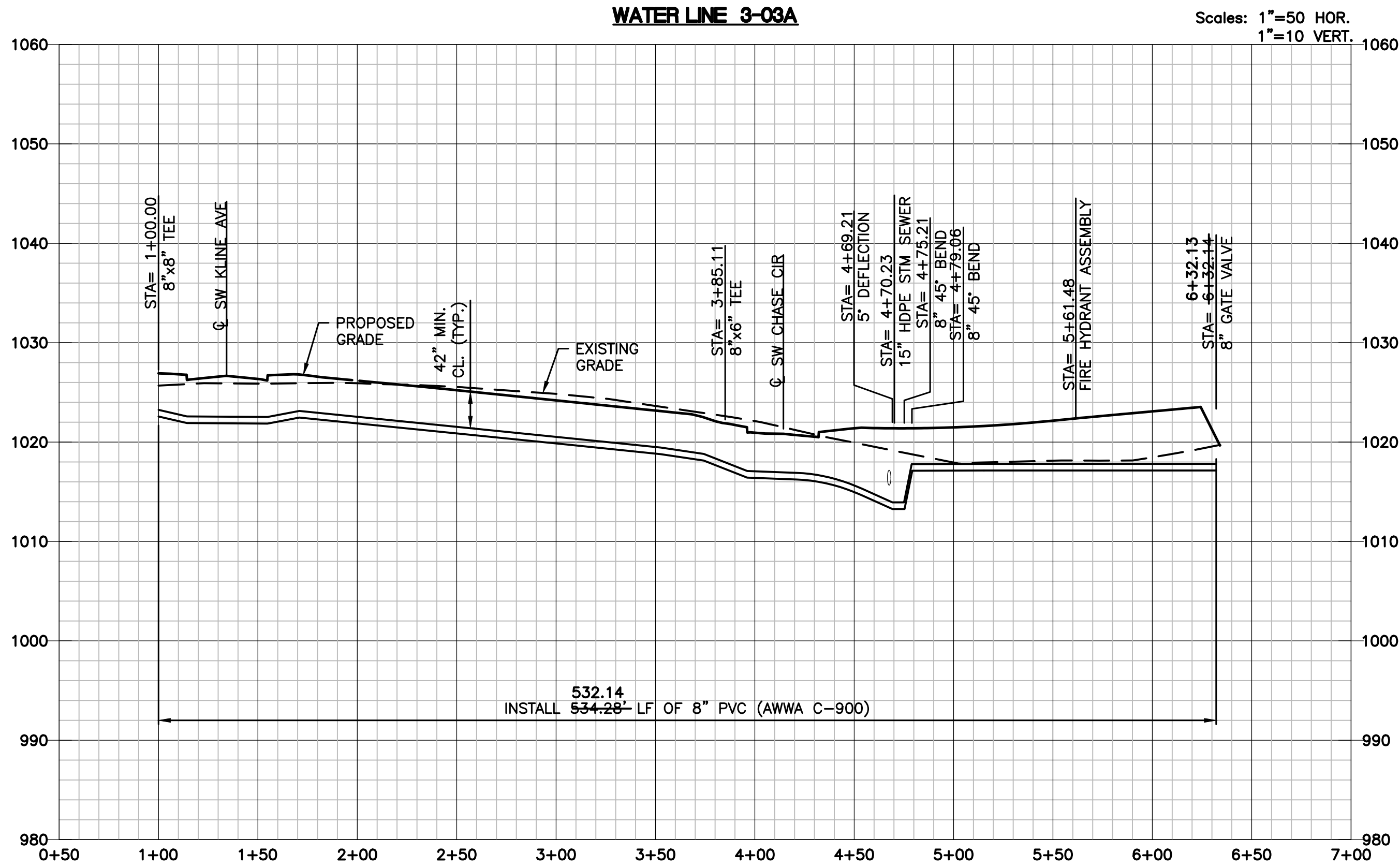


ALIGNMENT TABLE					
Line #/Curve #	Length	Direction/Delta	Radius	BEGIN NORTHING/EASTING	END NORHTING/EASTING
L1	126.41	S21° 35' 42.36"W		N=981778.31/E=2809710.38	N=981660.77/E=2809663.86
C1	204.95	028.92	406.00	N=981660.77/E=2809663.86	N=981459.56/E=2809638.68
L2	120.38	S07° 19' 44.07"E		N=981459.56/E=2809638.68	N=981340.16/E=2809654.03
C2	60.13	009.34	369.00	N=981340.16/E=2809654.03	N=981280.16/E=2809656.82
L3	10.92	S02° 00' 29.45"W		N=981280.16/E=2809656.82	N=981269.25/E=2809656.44

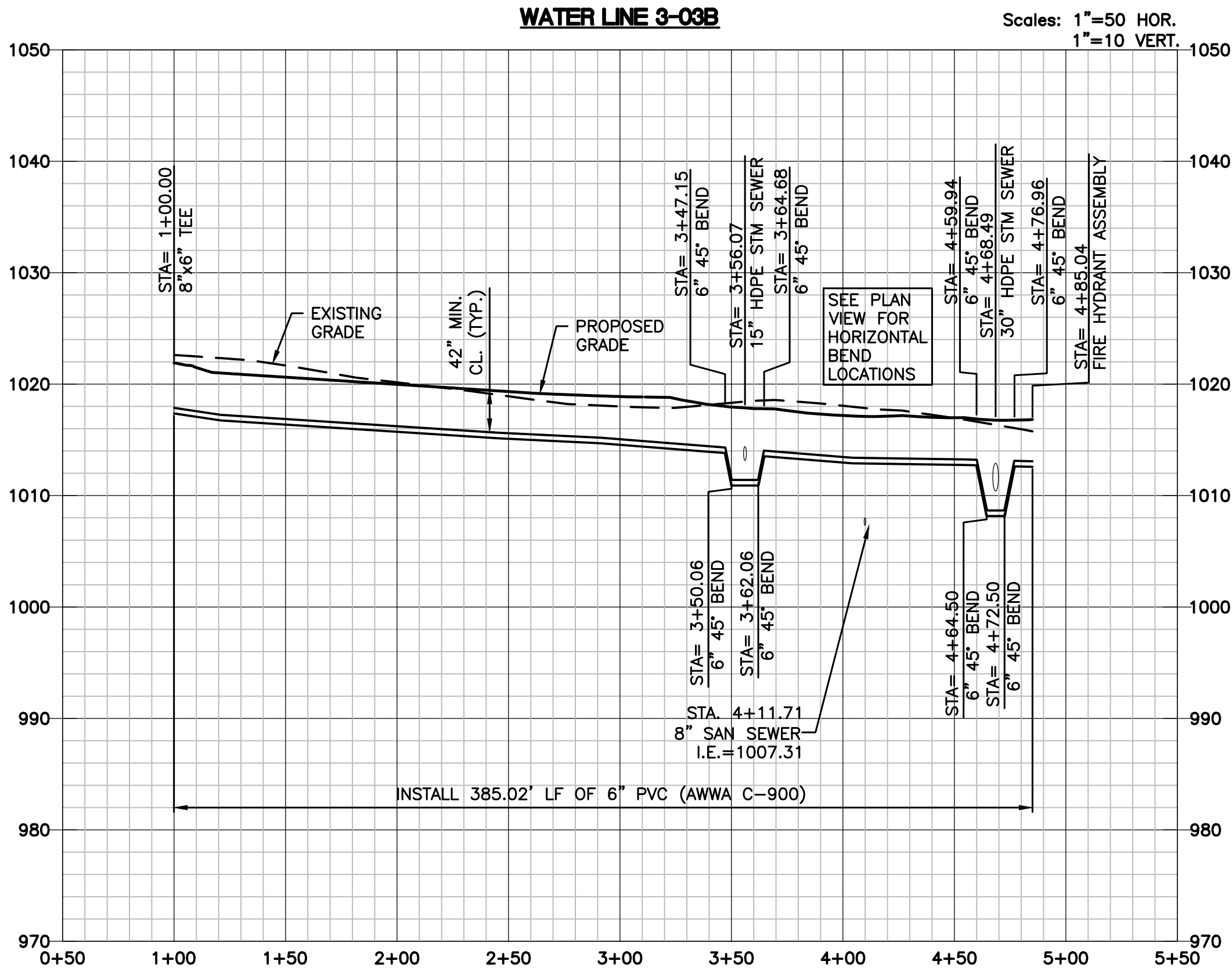
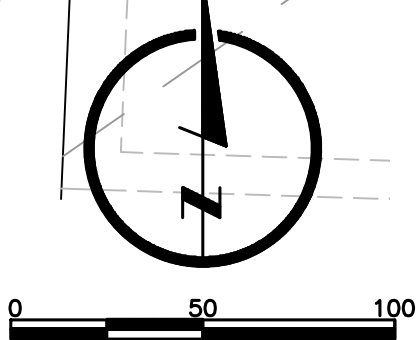


ASBUILTS

ONLY WATER VALVES AND FIRE HYDRANT ASSEMBLIES WERE ASBUILT. THE ACTUAL LOCATION OF THE WATER LINE, HORIZONTALLY AND VERTICALLY WERE NOT FIELD VERIFIED.



ALIGNMENT TABLE					
Line #/Curve #	Length	Direction/Delta	Radius	BEGIN NORTHING/EASTING	END NORHTING/EASTING
C3	163.53	014.28	655.91	N=981517.15/E=2809635.40	N=981506.15/E=2809798.14
L4	39.82	S84° 42' 40.38"E		N=981506.15/E=2809798.14	N=981502.47/E=2809837.79
L5	66.01	S89° 42' 40.38"E		N=981502.47/E=2809837.79	N=981502.14/E=2809903.80
L6	57.35	S44° 42' 40.38"E		N=981502.14/E=2809903.80	N=981461.38/E=2809944.15
L7	27.77	S00° 17' 19.62"W		N=981461.38/E=2809944.15	N=981433.61/E=2809944.01



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SUMMIT VIEW FARMS 3RD PLAT
LEES SUMMIT, MISSOURI

WATER LINE PLANS

WATER LINE PLAN AND PROFILE

WATER LINE 3-03A AND 3-03B

LARKIN LAMP RYNEARSON - ENGINEERS

MO Certificate of Authority No. 2013011903

STATE OF MISSOURI

MARK DANIEL MCGHEE

NUMBER
PE-2008019568

PROFESSIONAL ENGINEER

02-04-2020

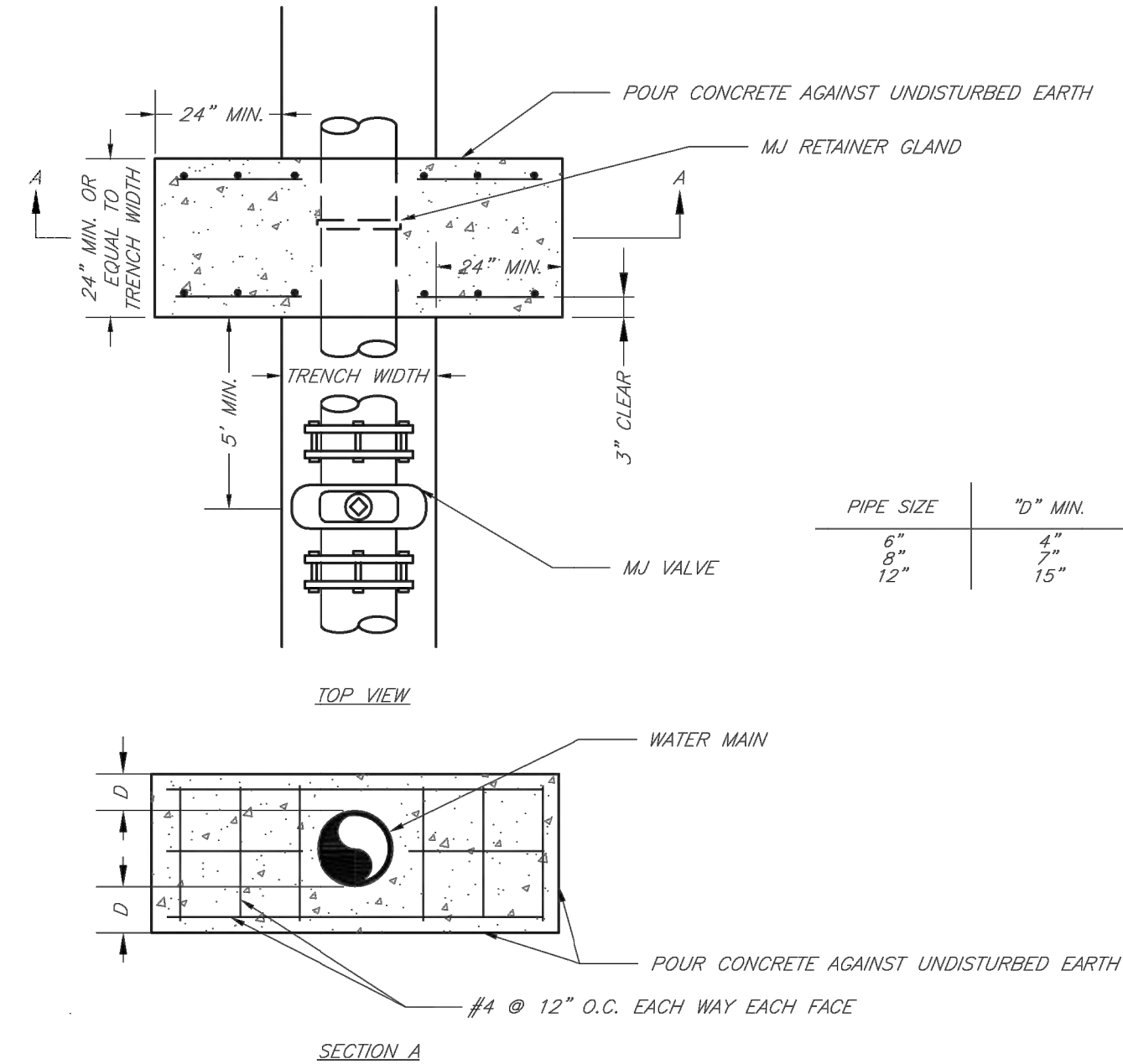
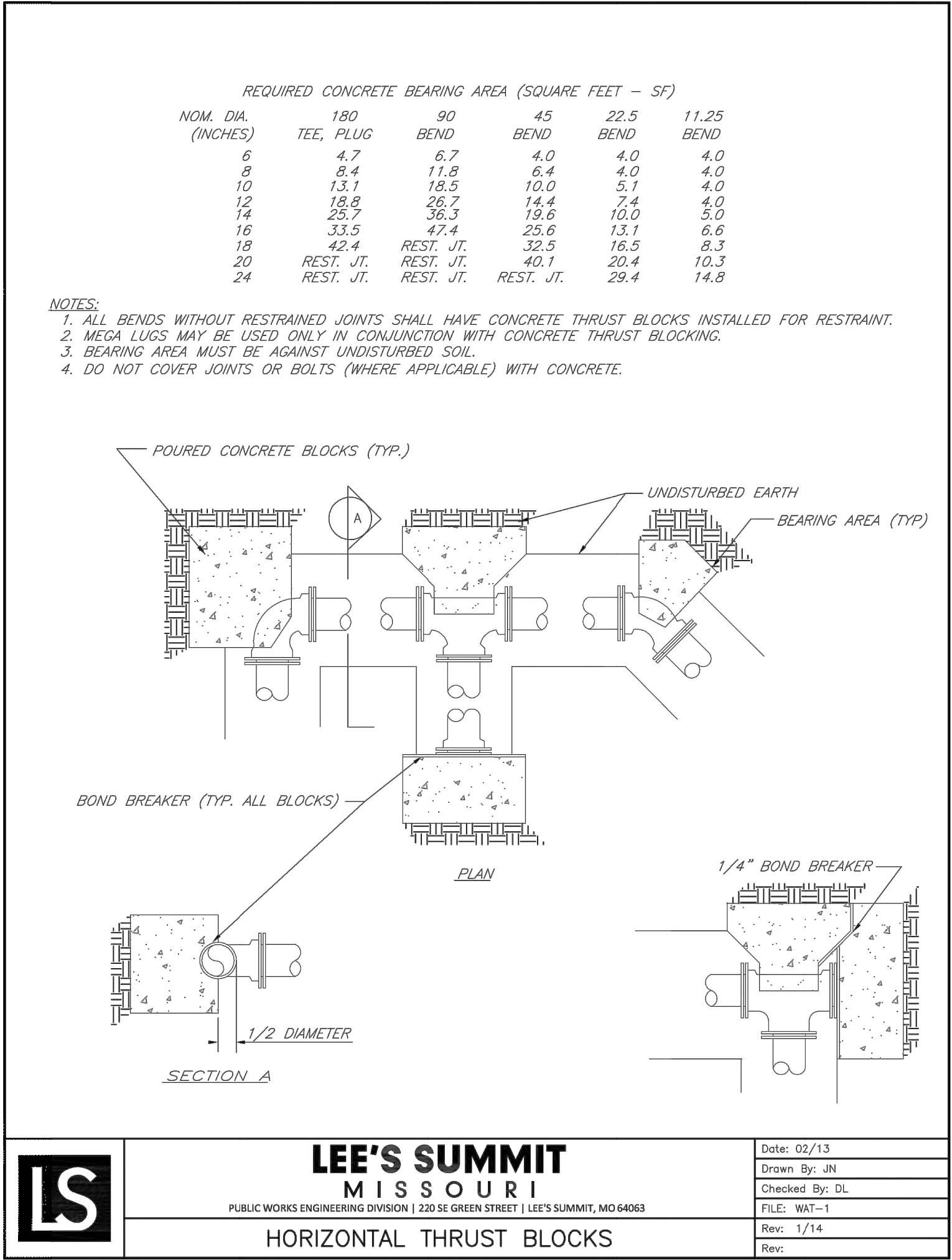
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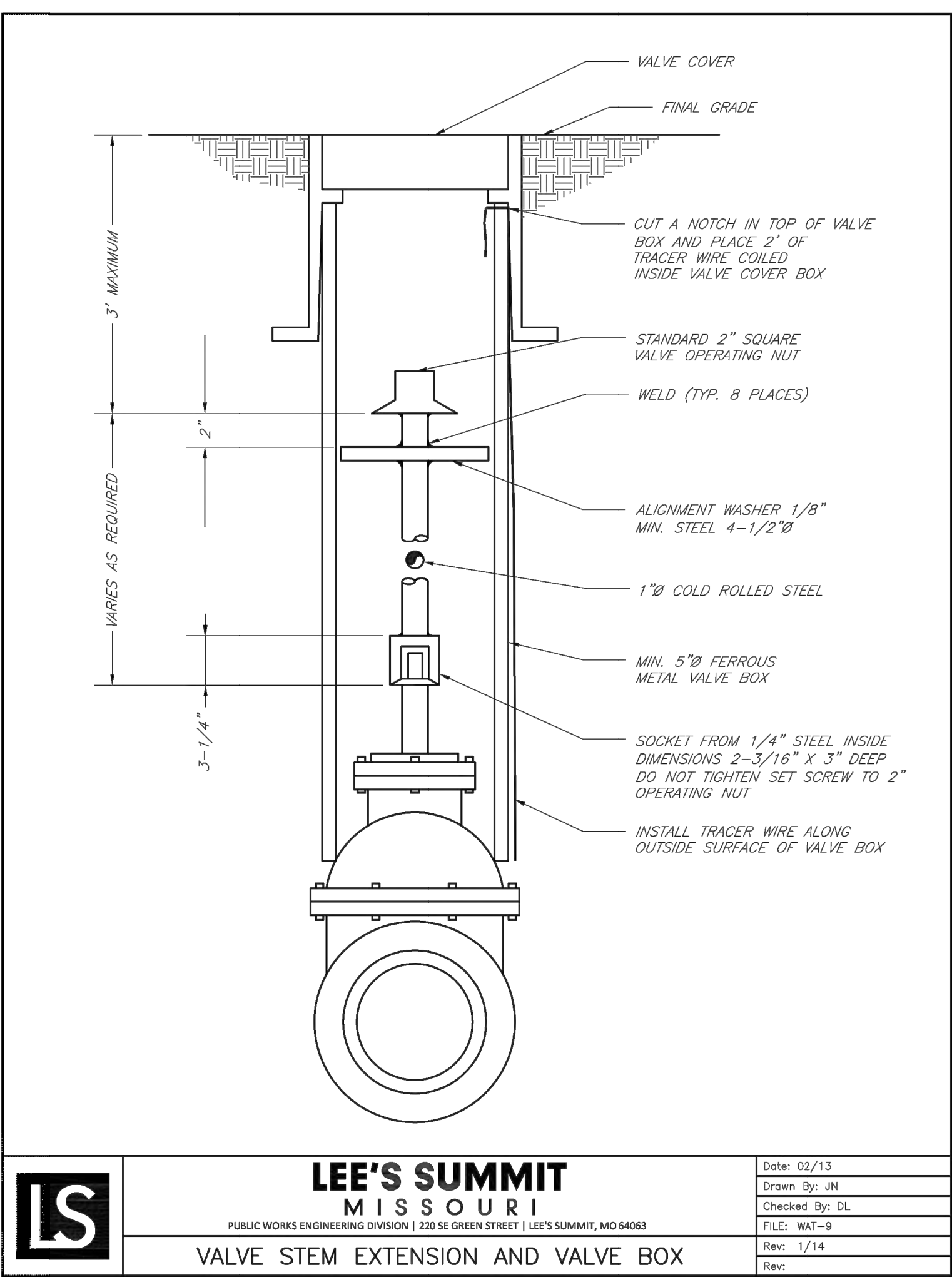
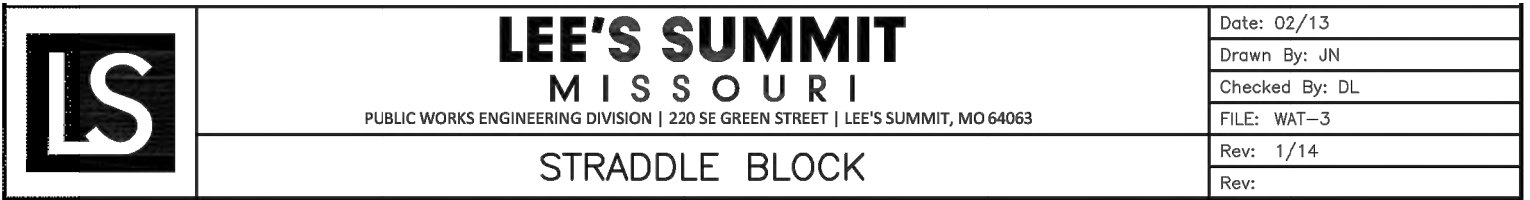
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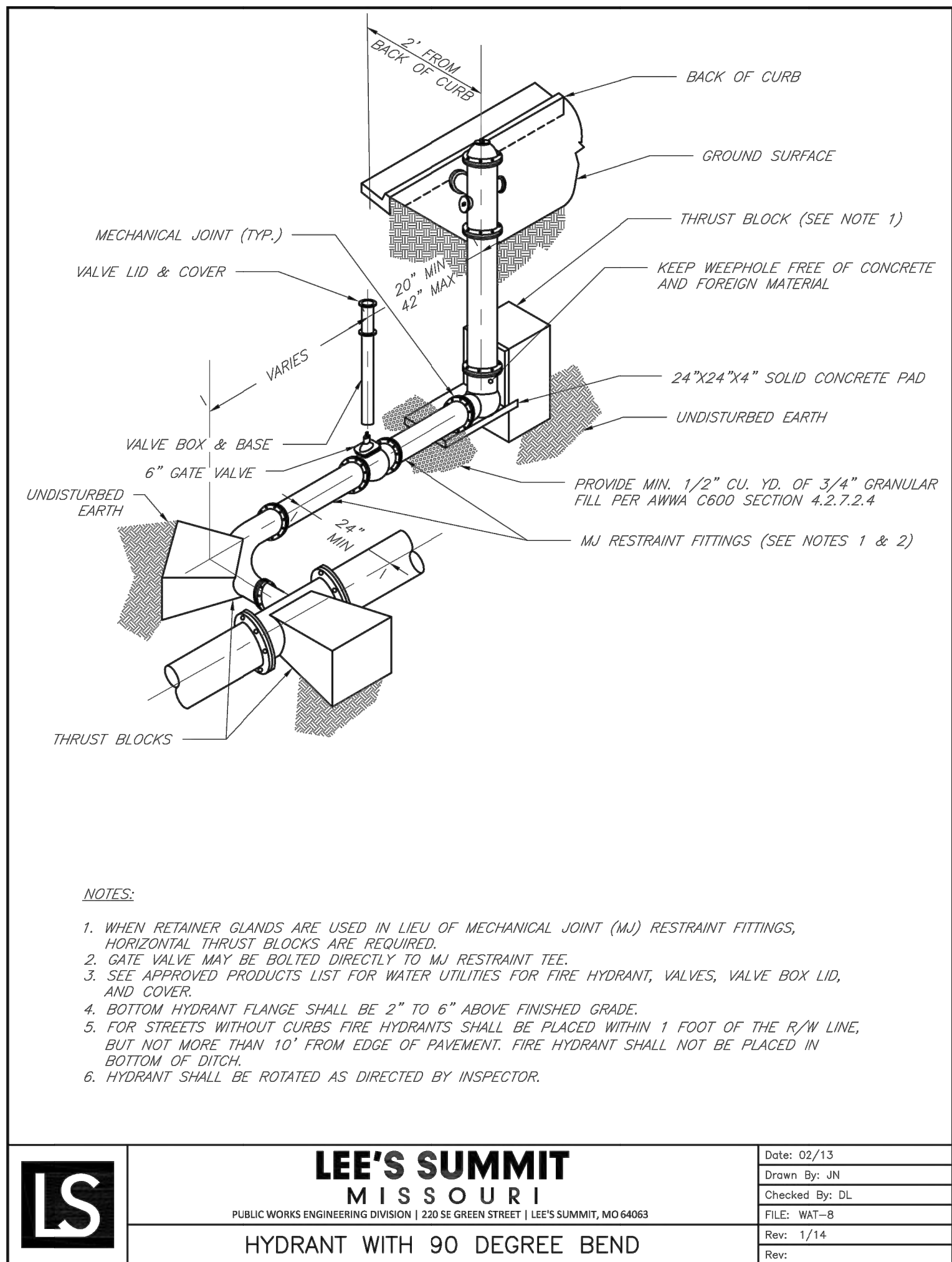
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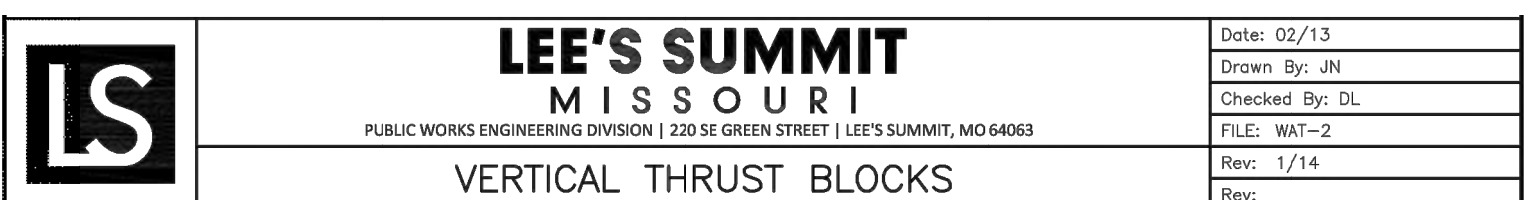
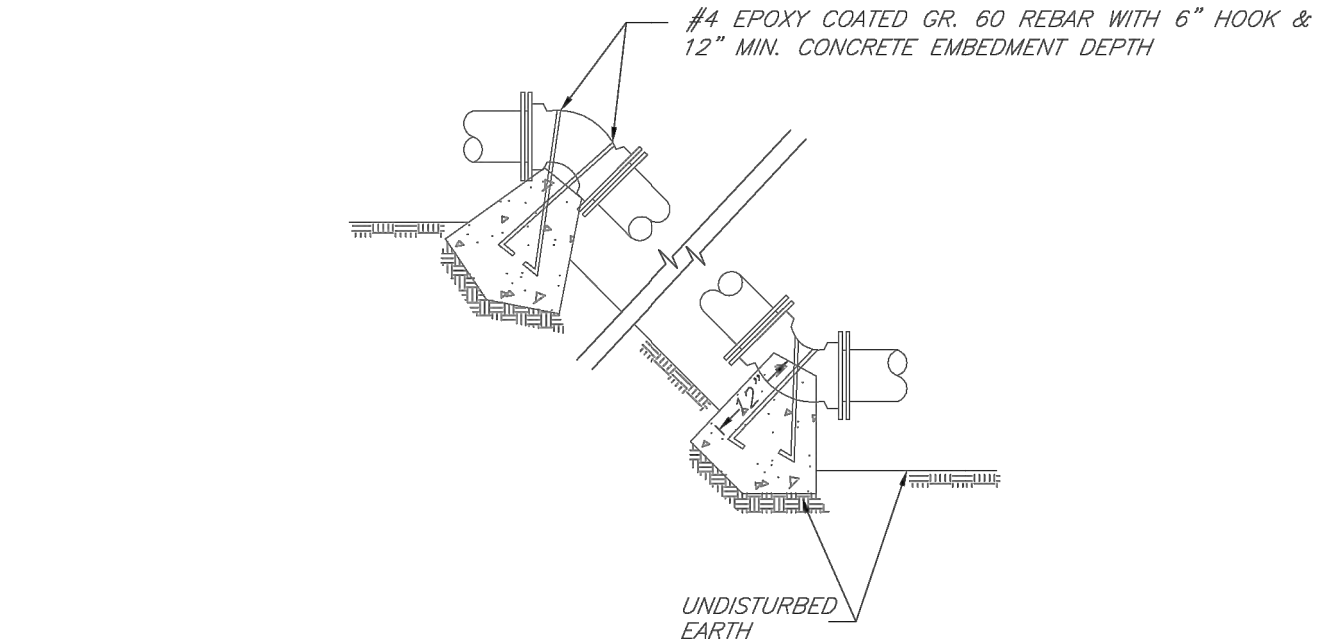
NOTE:
THIS DETAIL NOT TO BE USED FOR PIPE GREATER THAN 12"



NOTES:
1. INTERMEDIATE BELLS SHALL BE ENCASED.
2. REINFORCING STEEL SHALL BE #4 @ 12" O.C. EACH WAY WITH A MINIMUM REBAR LAP OF 12".
3. THIS DETAIL IS FOR PIPES 12" AND SMALLER.



NOTES:
1. ALL BENDS WITHOUT RESTRAINED JOINTS SHALL HAVE CONCRETE THRUST BLOCKS INSTALLED FOR RESTRAINT.
2. MEGA LUGS MAY BE USED ONLY IN CONJUNCTION WITH CONCRETE THRUST BLOCKING.
3. BEARING MUST BE AGAINST UNDISTURBED SOIL.
4. DO NOT COVER JOINTS OR BOLTS (WHERE APPLICABLE) WITH CONCRETE.



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SUMMIT VIEW FARMS 3RD PLAT LEES SUMMIT, MISSOURI	
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WATER LINE PLANS		WATER DETAILS	
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SHEET			
6		OF 6	