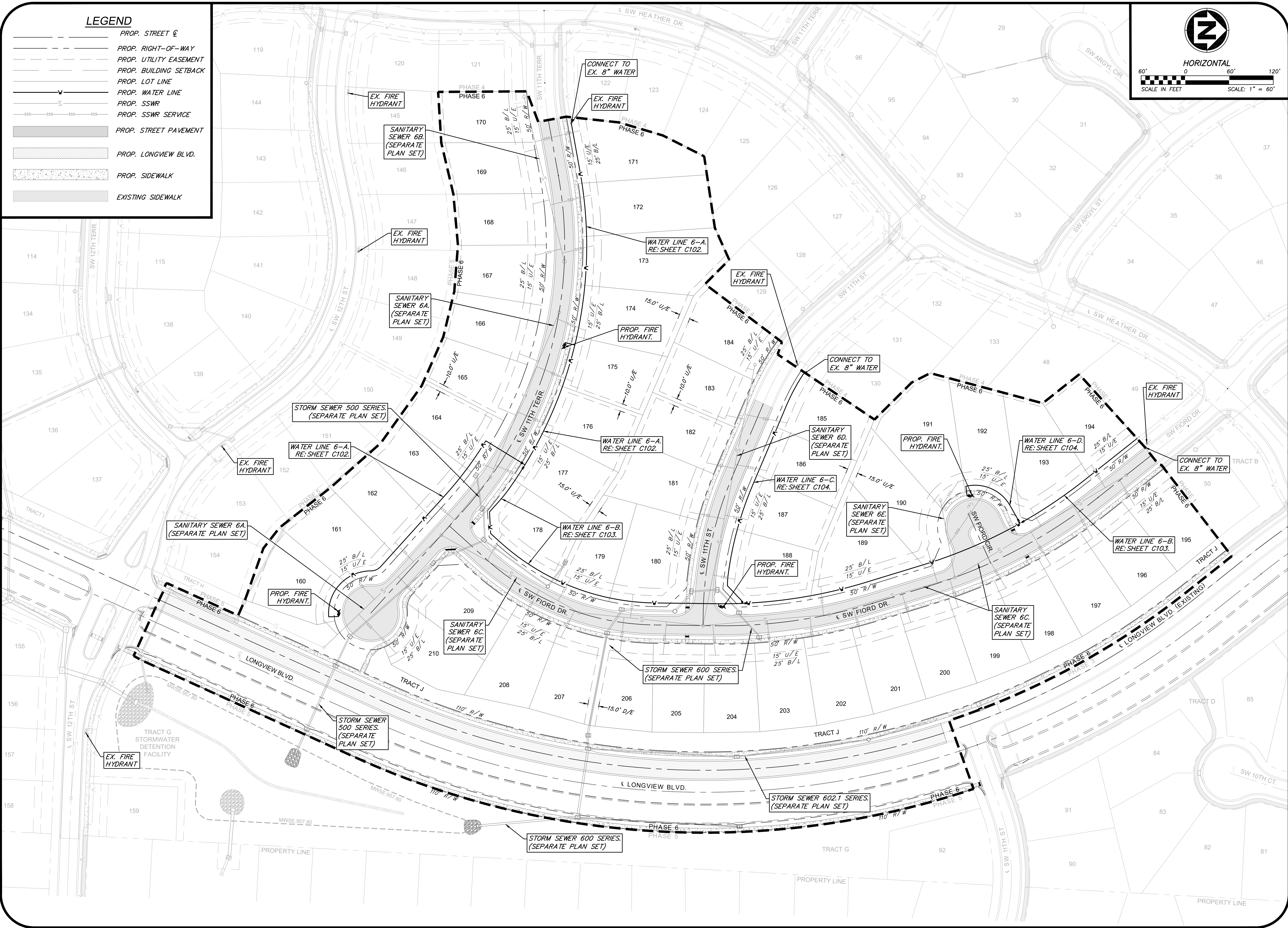


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		LICENSE NO.	FE-2012000323
		DATE:	1/7/2021
		ISSUED FOR:	FOR REVIEW
		JOB NUMBER:	20K10058
		MO COA NO.	00062

SUMMIT HOMES KC
HIGHLAND MEADOWS - 6TH PLAT

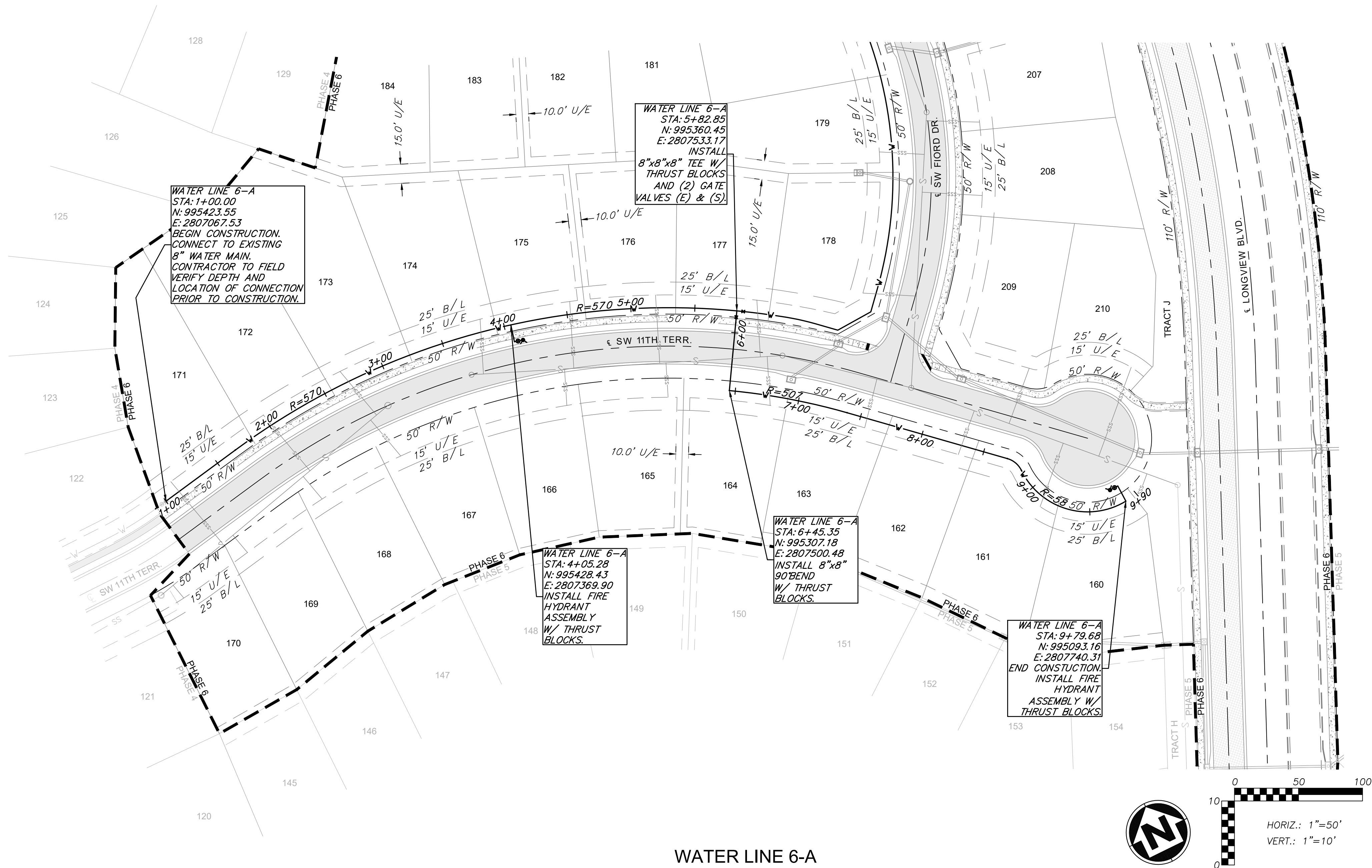
GENERAL LAYOUT

S10, T47N, R22W
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

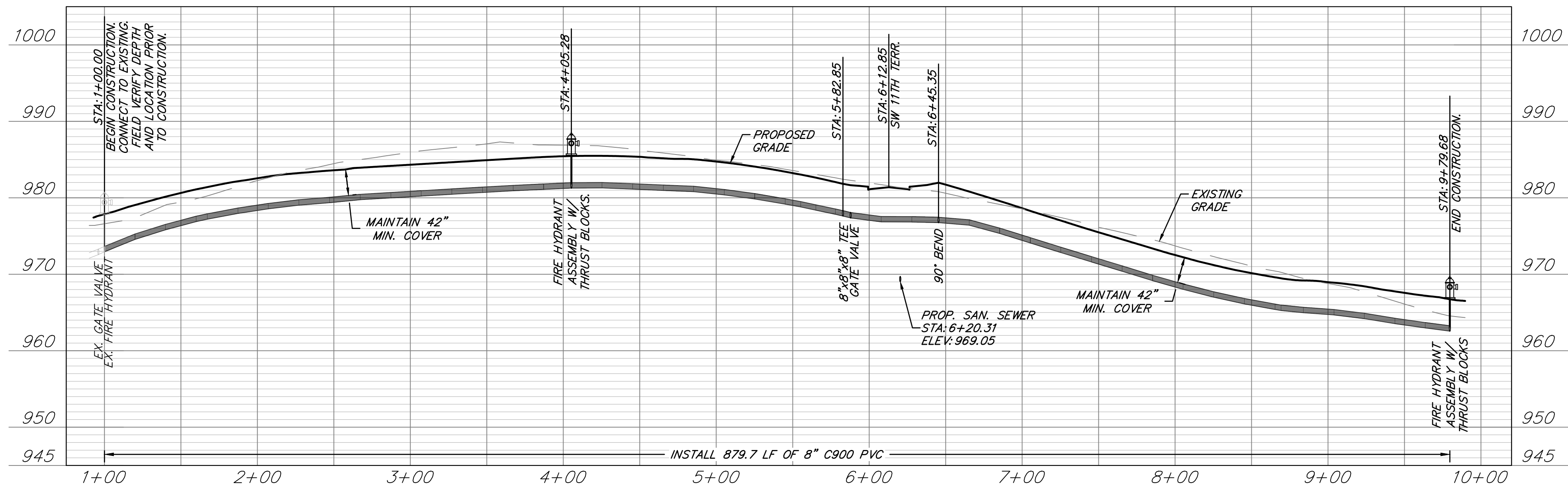
STATE OF MISSOURI
ZACH A. MYERS
NUMBER
FE-2012009232
2/11/21
PROFESSIONAL ENGINEER

SHEET NUMBER
C101
2 OF 6

Feb 11, 2021 - 2:22pm Plotted By: gacite G:\Shared drives\VC10 - Land Development\Projects\2020\20K10058 Highland Meadows - 6th Plat\01 CIVIL\03-DWG\Sheet\WATER MAIN\20K10058 - SHT - WATER P&P.dwg Layout: WATER LINE 6-A PLAN & PROFILE



WATER LINE 6-A



WATER MAIN NOTES:

1. WATER MAINS AND SANITARY SEWERS SHALL HAVE AT LEAST 10' OF HORIZONTAL SEPARATION.
2. PROVIDE A MINIMUM OF 42" (3.5') OF COVER AND A MAXIMUM OF 84" (7') OF COVER OVER WATER MAIN.
3. CONTROLLED FILL: PRIOR TO INSTALLATION OF WATER PIPING IN FILL AREAS, FILL SHALL BE PLACED AND COMPACTED TO A MINIMUM 95% OF STANDARD PROCTOR DENSITY PER ASTM D 698 TO A MINIMUM DEPTH OF 18" ABOVE THE TOP OF PIPE.
4. CONCRETE THRUST BLOCKS SHALL BE INSTALLED AT ALL HORIZONTAL AND VERTICAL FITTING LOCATIONS IN ACCORDANCE WITH CITY OF LEE'S SUMMIT STANDARD DETAIL WAT-1 AND/OR WAT-2.
5. PROVIDE FITTINGS AND VALVES AS NECESSARY TO REMOVE AND RELOCATE FIRE HYDRANTS IF HYDRANTS ARE REUSED ON PROJECT.

LEGEND

- PROP. STREET &
- PROP. RIGHT-OF-WAY
- PROP. UTILITY EASEMENT
- PROP. BUILDING SETBACK
- PROP. LOT LINE
- PROP. WATER LINE
- PROP. SSWR
- PROP. SSWR SERVICE
- PROP. STREET PAVEMENT
- PROP. LONGVIEW BLVD.
- PROP. SIDEWALK
- EXISTING SIDEWALK

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		ZM	FE-2012008323
		DATE:	FOR REVIEW
		1/7/2021	20KC10058
		JOB NUMBER:	MO COA NO.
		20KC10058	00062

SUMMIT HOMES KC
HIGHLAND MEADOWS - 6TH PLAT

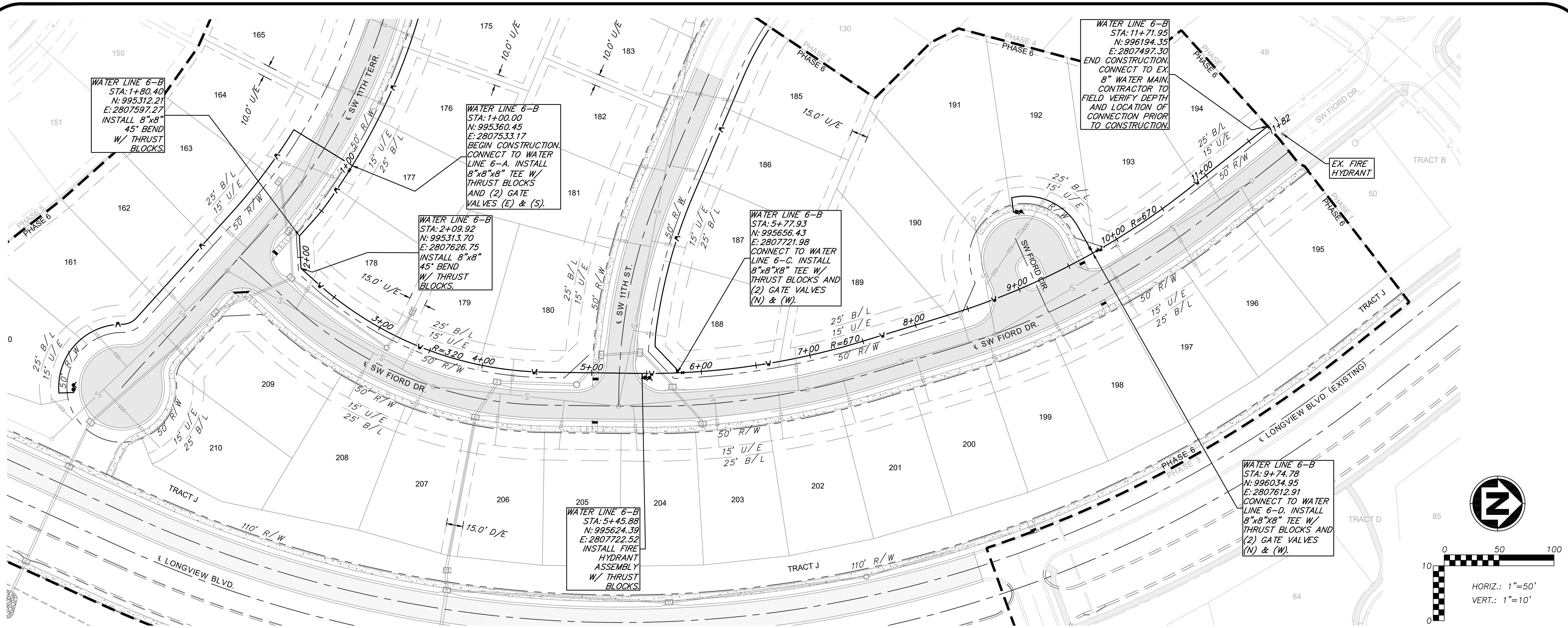
WATER LINE 6-A
PLAN & PROFILE

S10, T47N, R32W
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

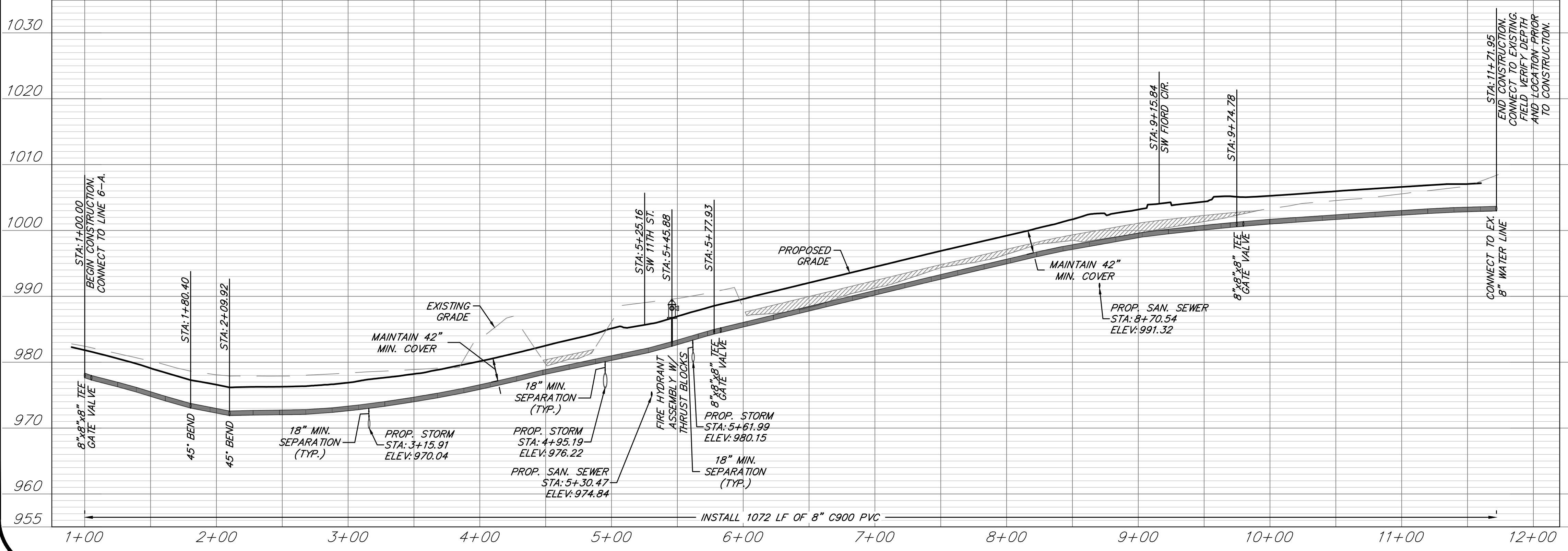
STATE OF MISSOURI
ZACH A. MYERS
NUMBER
FE-2012009232
2/11/21
PROFESSIONAL ENGINEER

SHEET NUMBER
C102
3 OF 6

Feb 11, 2021 - 2:22pm Plotted By: gacile G:\Shared drives\VC10 - Land Development\Projects\2020\20K10058 Highland Meadows - 6th Plat\01 CIVIL\03-DWG\Sheet\WATER MAIN\20K10058 - SHT - WATER P&P.dwg Layout: WATER LINE 6-B PLAN & PROFILE



WATER LINE 6-B



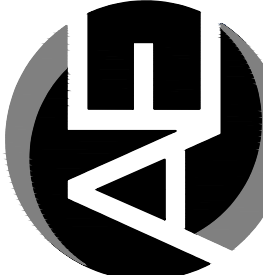
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LEGEND

- — — — — PROP. STREET &
- - - - - PROP. RIGHT-OF-WAY
- - - - - PROP. UTILITY EASEMENT
- - - - - PROP. BUILDING SETBACK
- - - - - PROP. LOT LINE
- - - - - PROP. WATER LINE
- - - - - PROP. SSWR
- - - - - PROP. SSWR SERVICE
- ▒▒▒▒▒▒▒ PROP. STREET PAVEMENT
- ▒▒▒▒▒▒▒ PROP. LONGVIEW BLVD.
- ▒▒▒▒▒▒▒ PROP. SIDEWALK
- ▒▒▒▒▒▒▒ EXISTING SIDEWALK
- ▒▒▒▒▒▒▒ FILL PRIOR TO INSTALL

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		JOB NUMBER:	20K10058
		MO COA NO.	000062

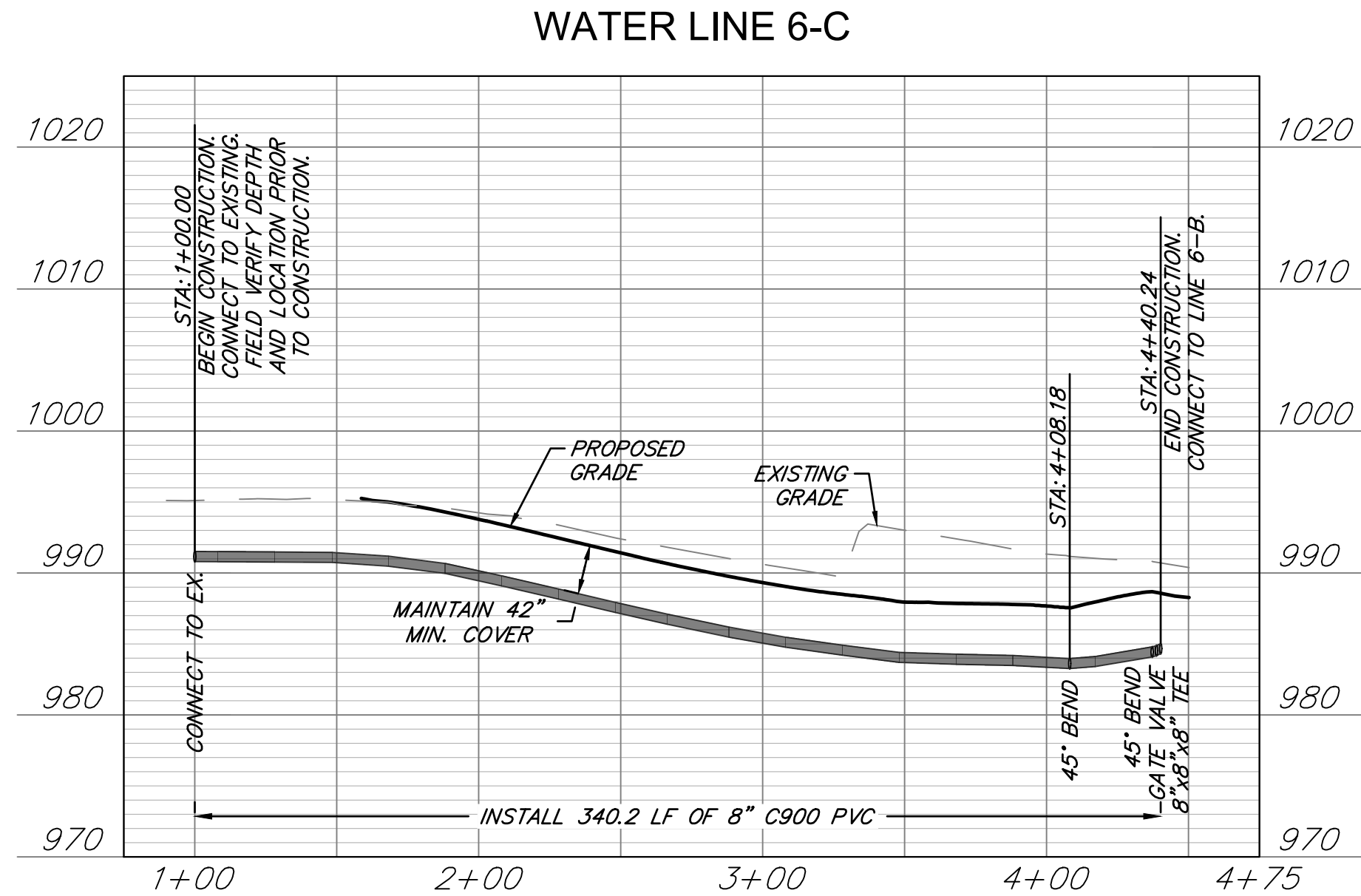
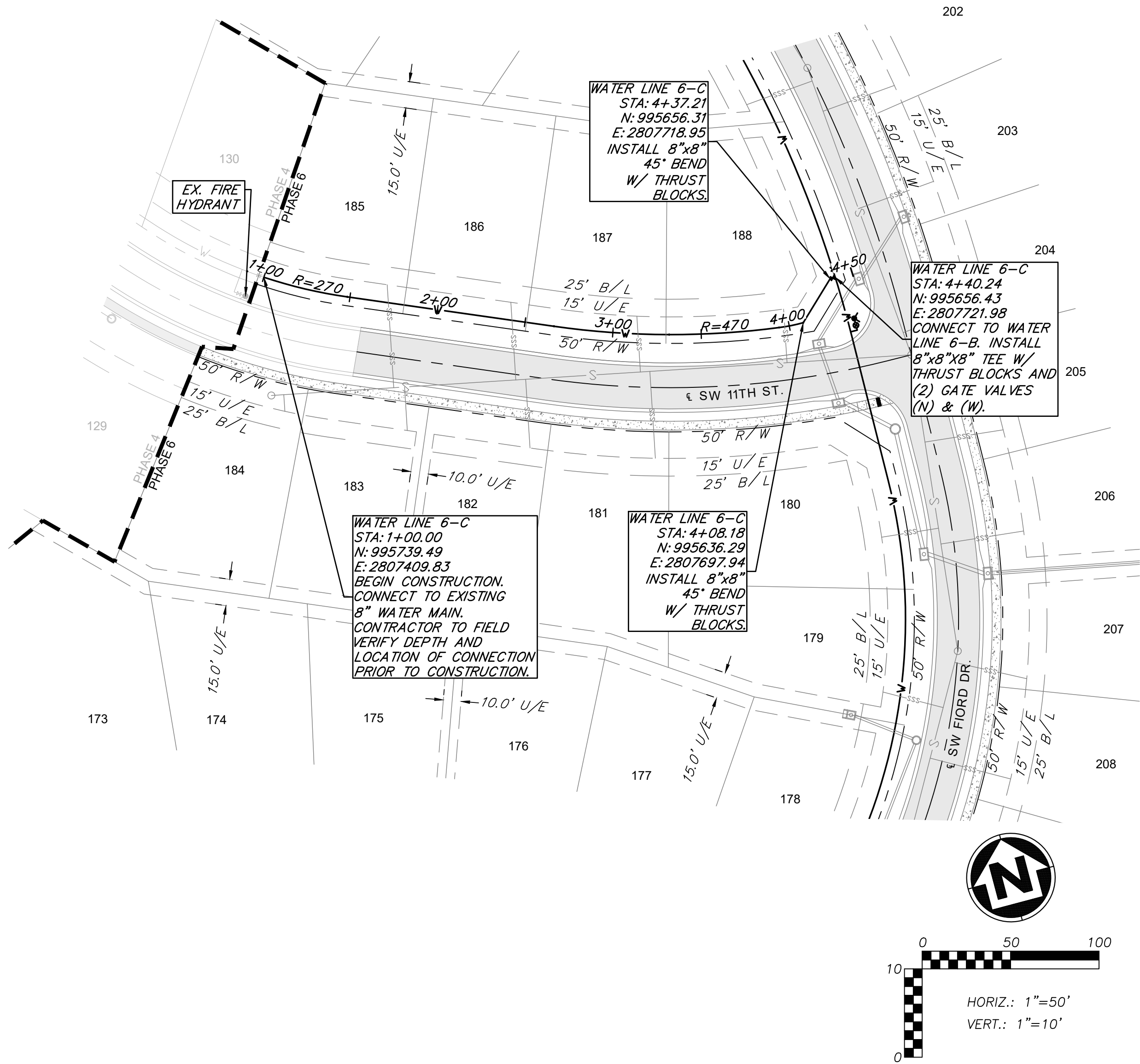
SUMMIT HOMES KC
HIGHLAND MEADOWS - 6TH PLAT

WATER LINE 6-B
PLAN & PROFILE



SHEET NUMBER
C103
4 OF 6

S10, T47N, R22W
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

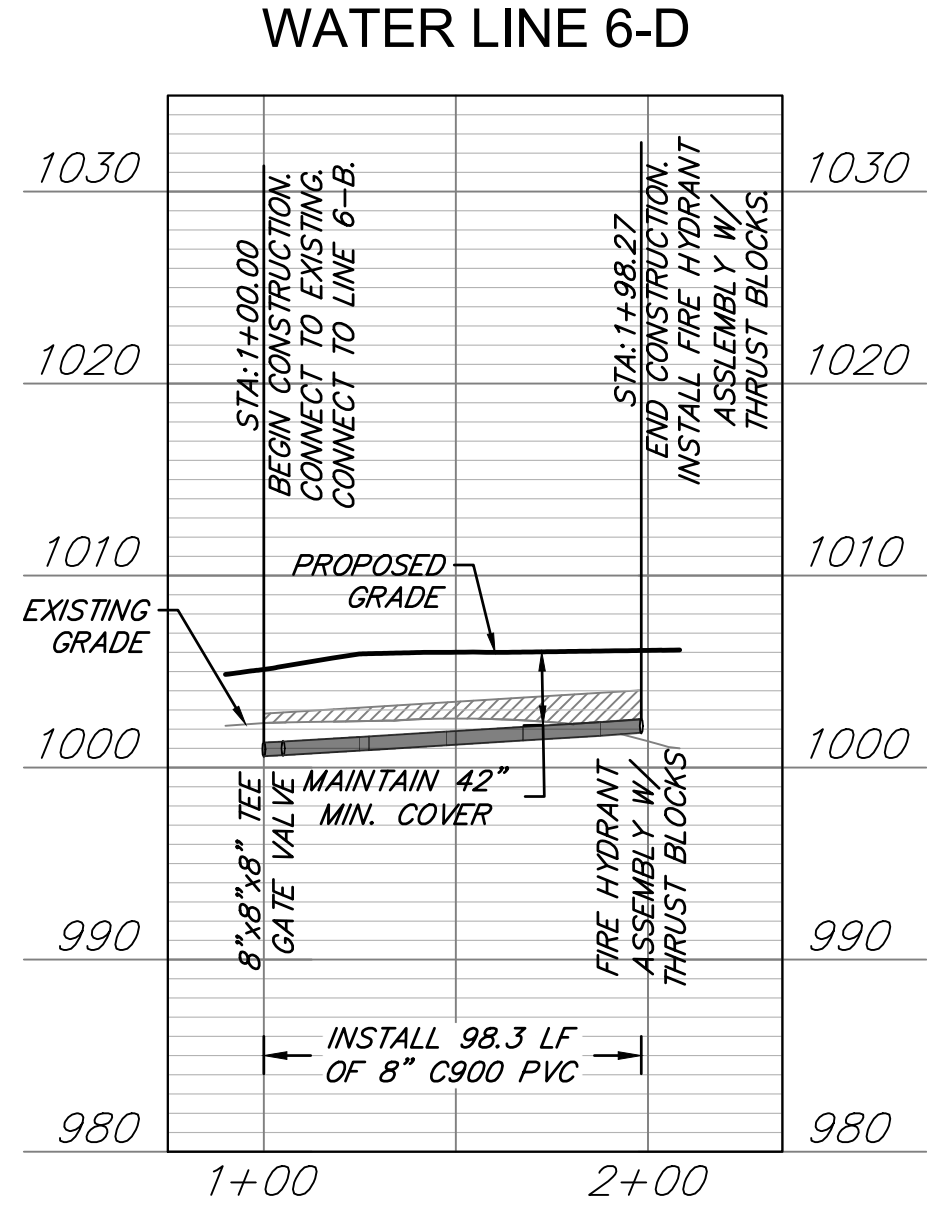
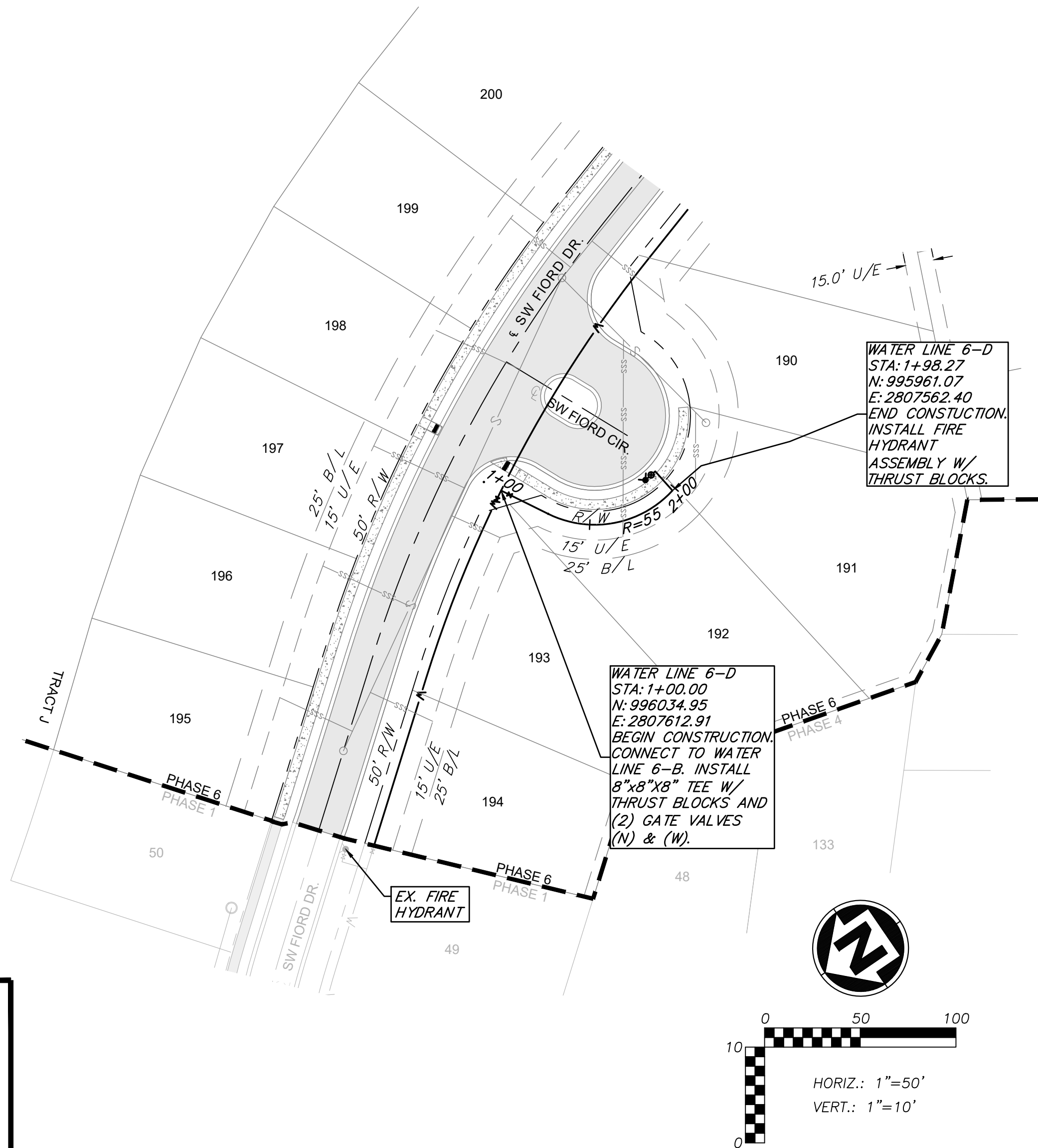


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- - -	PROP. RIGHT-OF-WAY
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- - -	PROP. LONGVIEW BLVD.
- - -	PROP. SIDEWALK
- - -	EXISTING SIDEWALK
- - -	FILL PRIOR TO INSTALL



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		FE-201200323	20K10058
		ISSUED FOR:	JOB NUMBER:
		20K10058	00062
		MO COA NO.	
		00062	

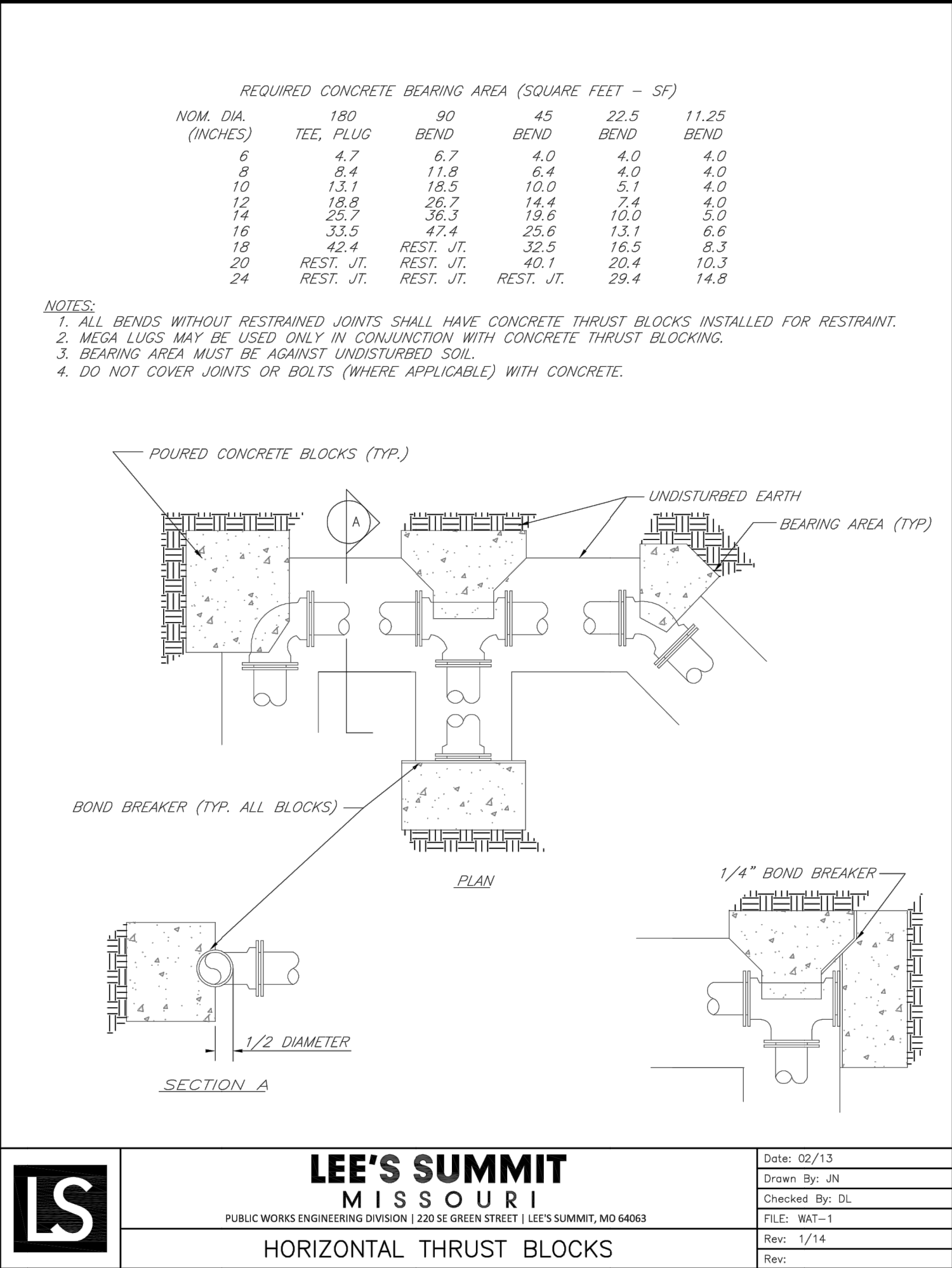
SUMMIT HOMES KC
HIGHLAND MEADOWS - 6TH PLAT

WATER LINE 6-C AND 6-D PLAN & PROFILE

S10, T47N, R32W
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

STATE OF MISSOURI
ZACH A. MYERS
NUMBER
FE-201200923
2/11/21

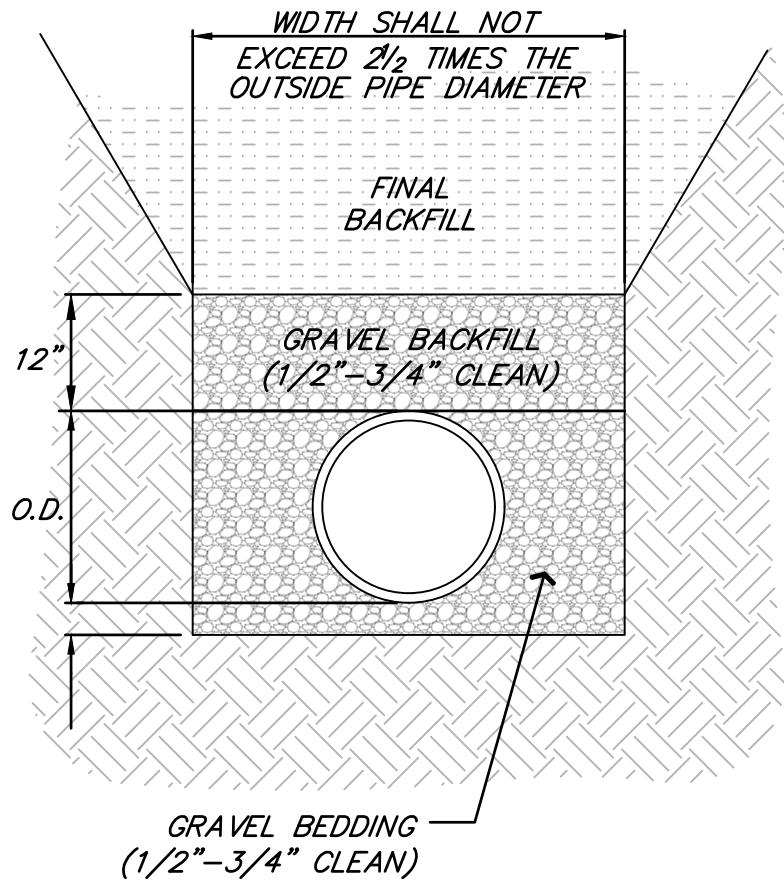
SHEET NUMBER
C104
5 OF 6



BEDDING
1/2"-3/4" CLEAN AGGREGATE, HAND TAMPED OR MECHANICALLY COMPACTED IN MAX. 4" LIFTS

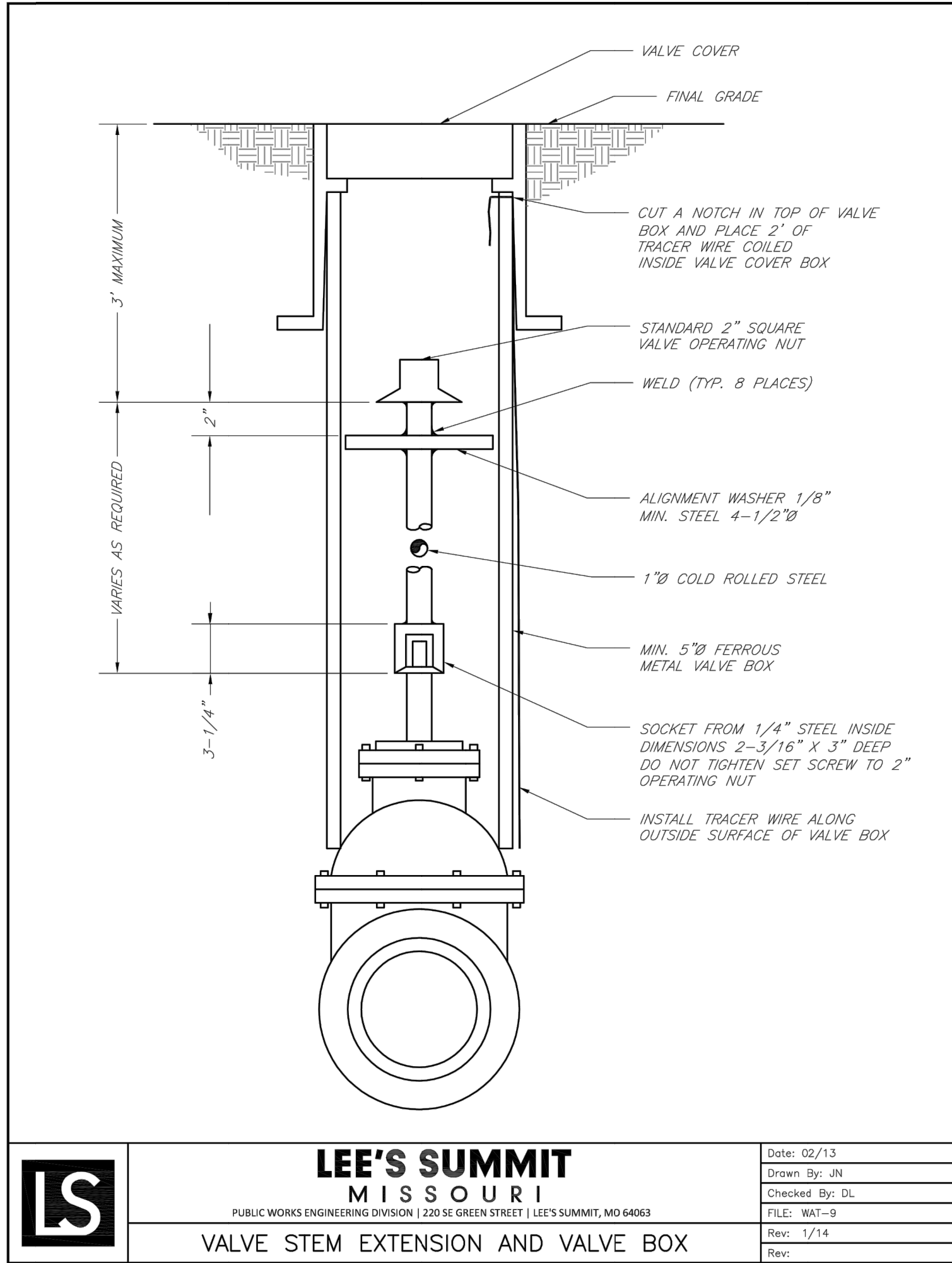
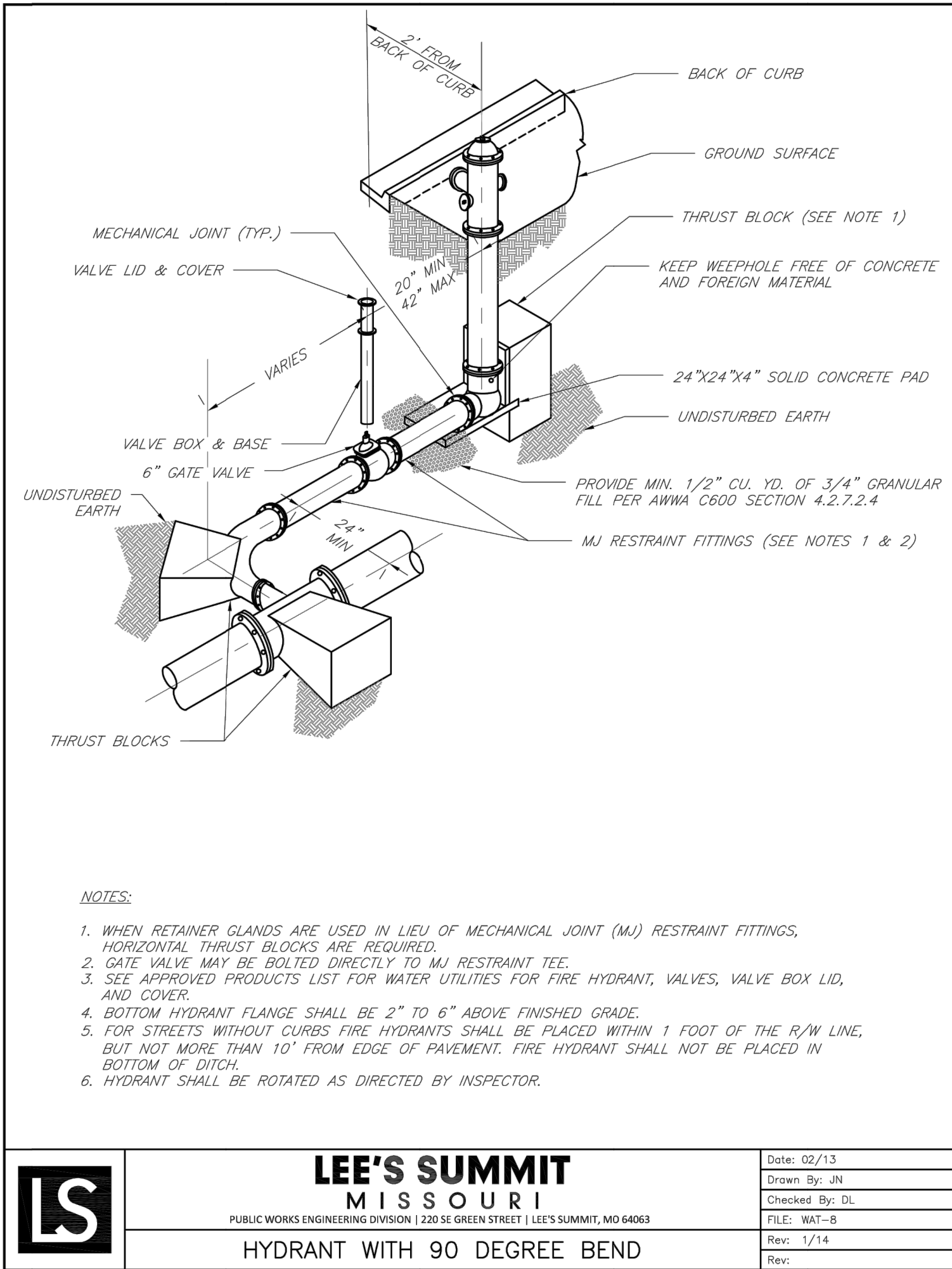
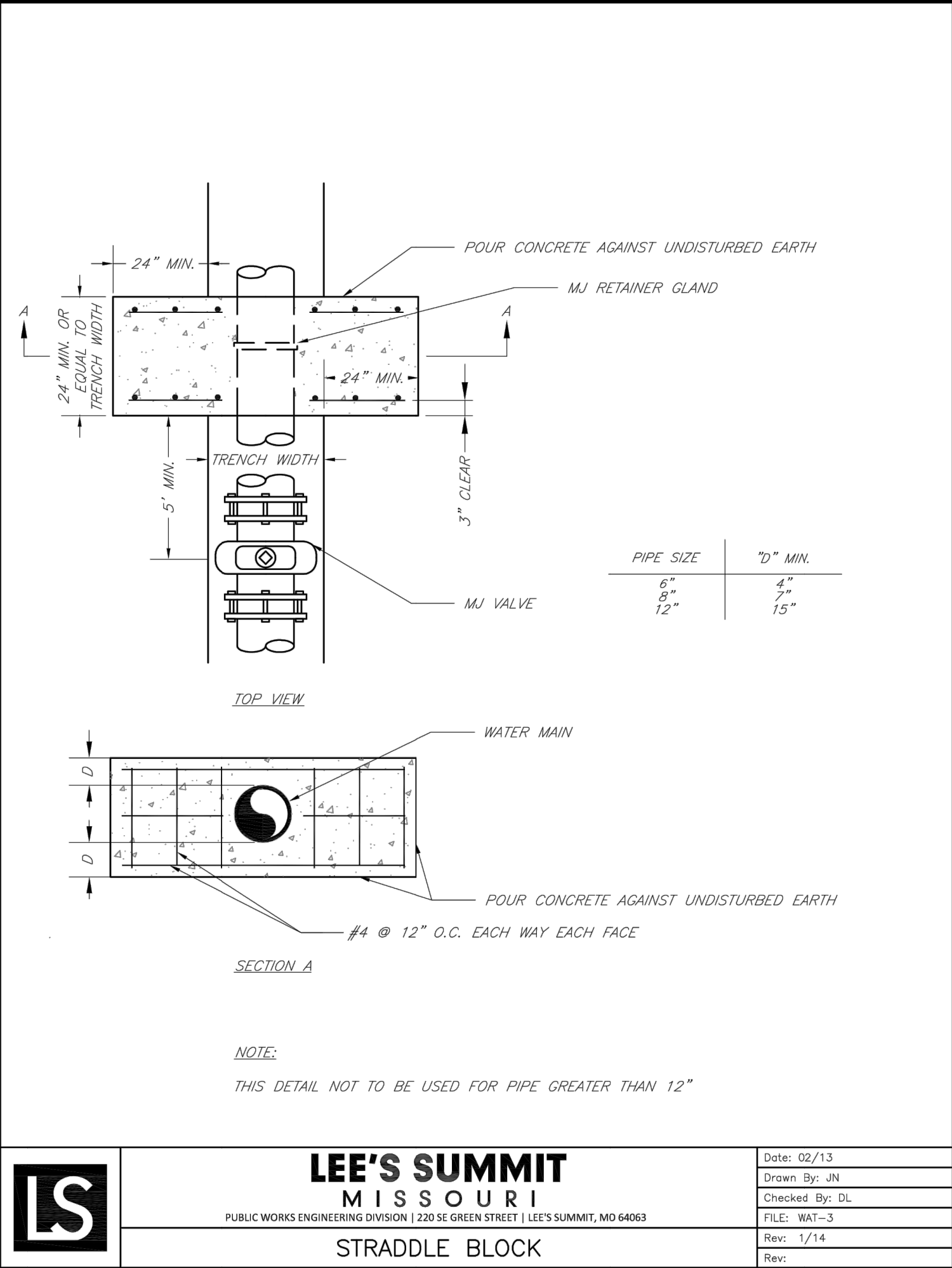
INITIAL BACKFILL
-UNDER PAVED AREAS OR WITHIN 4' HORIZONTAL OF PAVED AREAS
1/2"-3/4" CLEAN AGGREGATE, HAND TAMPED OR MECHANICALLY COMPACTED IN MAX. 4" LIFTS
-UNDER OPEN AREAS
1/2"-3/4" CLEAN AGGREGATE, HAND TAMPED OR MECHANICALLY COMPACTED IN MAX. 4" LIFTS

FINAL BACKFILL
-UNDER PAVED AREAS OR WITHIN 4' HORIZONTAL OF PAVED AREAS
ON-SITE OR IMPORTED MATERIAL FREE OF MUCK, FROZEN MATERIAL, EXCESS MOISTURE, ORGANICS, TOPSOIL, RUBBISH, CONSTRUCTION DEBRIS, ROCK OR BRICK LARGER THAN 8", COMPACTED TO 95% OF STANDARD DENSITY PER ASTM D-698
-UNDER OPEN AREAS
ON-SITE OR IMPORTED MATERIAL FREE OF MUCK, FROZEN MATERIAL, EXCESS MOISTURE, ORGANICS, TOPSOIL, RUBBISH, CONSTRUCTION DEBRIS, ROCK OR BRICK LARGER THAN 8", COMPACTED TO 90% OF STANDARD DENSITY PER ASTM D-698



BEDDING DEPTH BELOW PIPE		
PIPE DIAMETER	IN SOIL	IN ROCK
24" AND LESS	4"	6"
27" THRU 60"	4"	9"

PIPE BEDDING DETAIL
NOT TO SCALE



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		17/2021	LICENSE NO.
		FOR REVIEW	DATE:
		20K10058	ISSUED FOR:
		00062	JOB NUMBER:
		MO COA NO.	MO COA NO.

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SUMMIT HOMES KC
HIGHLAND MEADOWS - 6TH PLAT

WATER LINE DETAILS

S10, T47N, R2W
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

STATE OF MISSOURI
ZACH A. MYERS
NUMBER
FE-2012009232
2/11/21
PROFESSIONAL ENGINEER

SHEET NUMBER
C401
6 OF 6