



MULTI UNIT SERVICE DETAIL N.T.S.



 \bigwedge NORTH 10 20

(IN FEET) 1 inch = 10 ft.



30 Feet

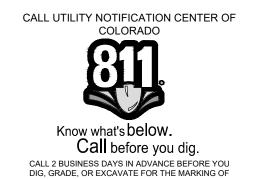
LEGEND:

PROPOSED #" SANITARY SEWER W/ MH & C.O.	
EXISTING #" SANITARY SEWER W/ MH & C.O.	8* XS 8* XS 0
EX. SANITARY SEWER TO BE REMOVED OR ABANDONED	XS DEMO
PROPOSED #" WATER PIPE	
PROPOSED GV, FH & CS	M 🙏 🔘
EXISTING WATER	8″ XW
EX. WATER TO BE REMOVED OR ABANDONED	XW DEMO
EXISTING GV & FH	http://
PROPOSED STORM/CULVERT, INLET, MH, END SECTION WITH RIPRAP	
EXIST #" STORM/CULVERT, INLET, MH, END SECTION WITH RIPRAP	18' XS (TR)

EX. STORM/CULVERT TO BE REMOVED OR ABANDONED

NOTES:

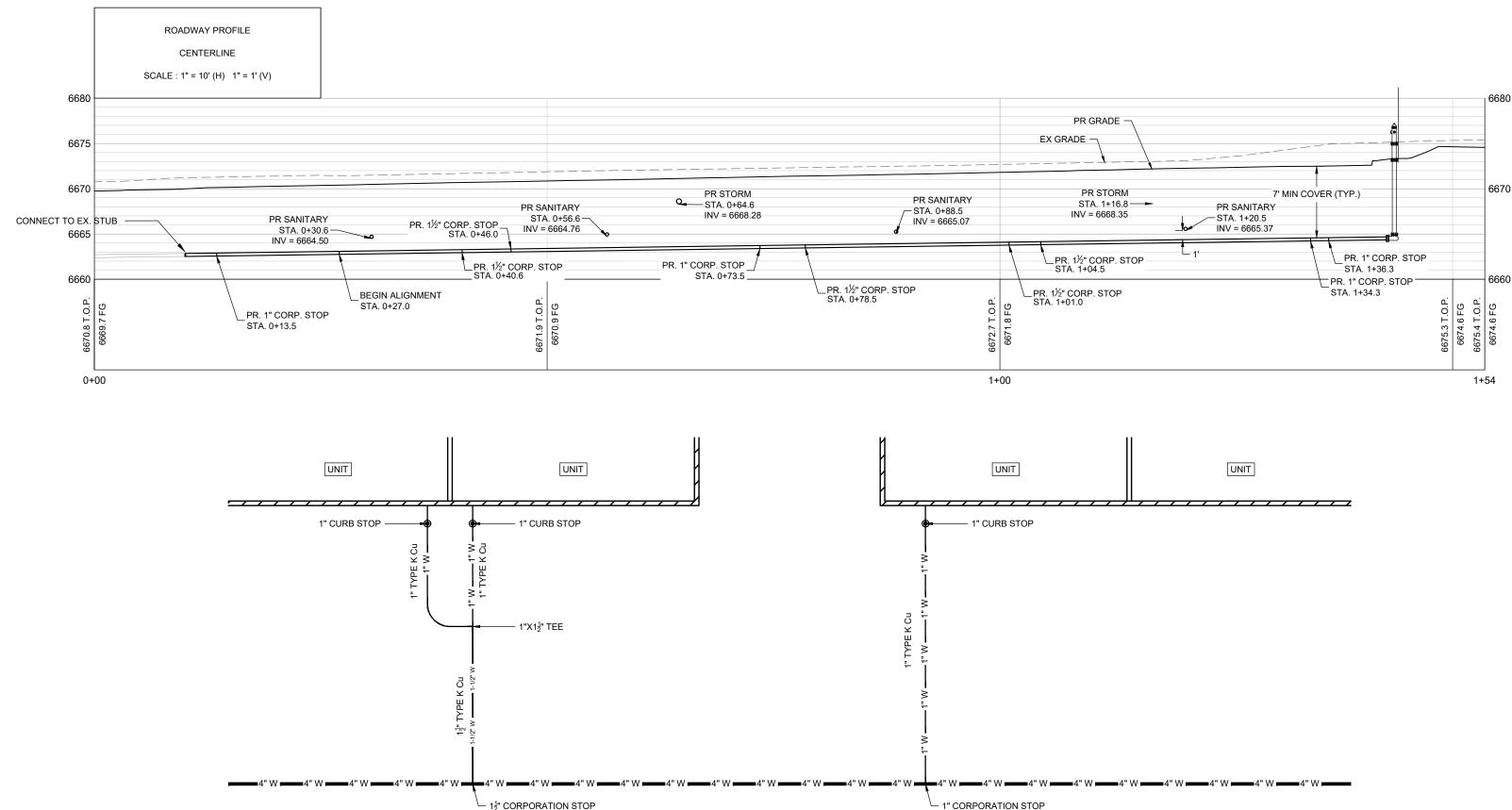
- 1. THE SIZE, TYPE AND LOCATION OF ALL KNOWN UNDERGROUND UTILITIES ARE APPROXIMATE WHEN SHOWN ON THESE DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF ALL UNDERGROUND UTILITIES IN THE AREA OF THE WORK. BEFORE COMMENCING NEW CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL BE RESPONSIBLE FOR ALL UNKNOWN UNDERGROUND UTILITIES.
- EXISTING UNDERGROUND AND OVERHEAD PUBLIC AND PRIVATE UTILITIES AS SHOWN ARE INDICATED ACCORDING TO THE BEST INFORMATION MADE AVAILABLE TO THE ENGINEER. THE ENGINEER DOES NOT GUARANTEE NOR IS RESPONSIBLE FOR THE ACCURACY OF SUCH INFORMATION. EXISTING UTILITY MAINS AND SERVICES MAY NOT BE STRAIGHT LINES OR AS INDICATED ON THESE DRAWINGS. CONTRACTOR TO VERIFY EXISTING HORIZONTAL AND VERTICAL LOCATIONS PRIOR TO CONSTRUCTION.
- 3. ALL SEWER CONSTRUCTION SHALL BE PER THE CITY OF STEAMBOAT SPRINGS STANDARD SPECIFICATIONS, LATEST EDITION.
- 4. MAINTAIN 10' HORIZONTAL AND 18" VERTICAL MINIMUM SEPARATION BETWEEN ALL SANITARY SEWER MAINS, WATER MAINS & SERVICES.
- 5. MANHOLES LOCATED OUTSIDE OF THE ROADWAY SHALL PROTRUDE 1' ABOVE EXISTING GRADE TO REDUCE INFILTRATION. GRADE SURFACE TO DRAIN AROUND/AWAY FROM MANHOLE RIMS.
- 6. ALL MANHOLES LOCATED IN THE ROADWAY SHALL HAVE RIM ELEVATIONS ADJUSTED TO $\frac{1}{4}$ " BELOW FINISHED GRADE. IF NECESSARY, CONE SECTIONS SHALL BE ROTATED TO PREVENT LIDS BEING LOCATED WITHIN VEHICLE OR BICYCLE WHEEL PATHS.
- 7. SEWER SERVICE SHALL HAVE A MINIMUM OF 4-FT OF COVER.
- 8. WATER SERVICE SHALL HAVE A MINIMUM OF 7-FT OF COVER. 9. ALL WATER PIPE SHALL BE INSTALLED WITH A #10 SOLID COPPER WIRE COATED WITH 45 MIL POLYETHYLENE FOR LOCATING PURPOSES. "GLENN TEST STATIONS" BY VALVCO, INC TRACER WIRE TEST STATIONS SHALL BE INSTALLED ADJACENT TO ALL FIRE HYDRANTS. ADDITIONAL LOCATIONS MAY BE REQUIRED.
- 10. ALL MATERIALS USED FOR BACKFILL SHALL BE FREE FROM REFUSE ORGANIC MATERIAL, COBBLES, BOULDERS, LARGE ROCKS OR STONES OR FROZEN SOILS GREATER THAN 6-INCHES IN DIAMETER.
- 11. ALL TRENCHES SHALL BE COMPACTED TO 95% AS DETERMINED BY ASTM D698 (STANDARD PROCTOR) OR AS SPECIFIED BY GEOTECHNICAL ENGINEER.
- 12. ALL WATER MAINS AND SERVICES (4-INCHES AND LARGER DIAMETER) SHALL BE PVC, NOT D.I.P.

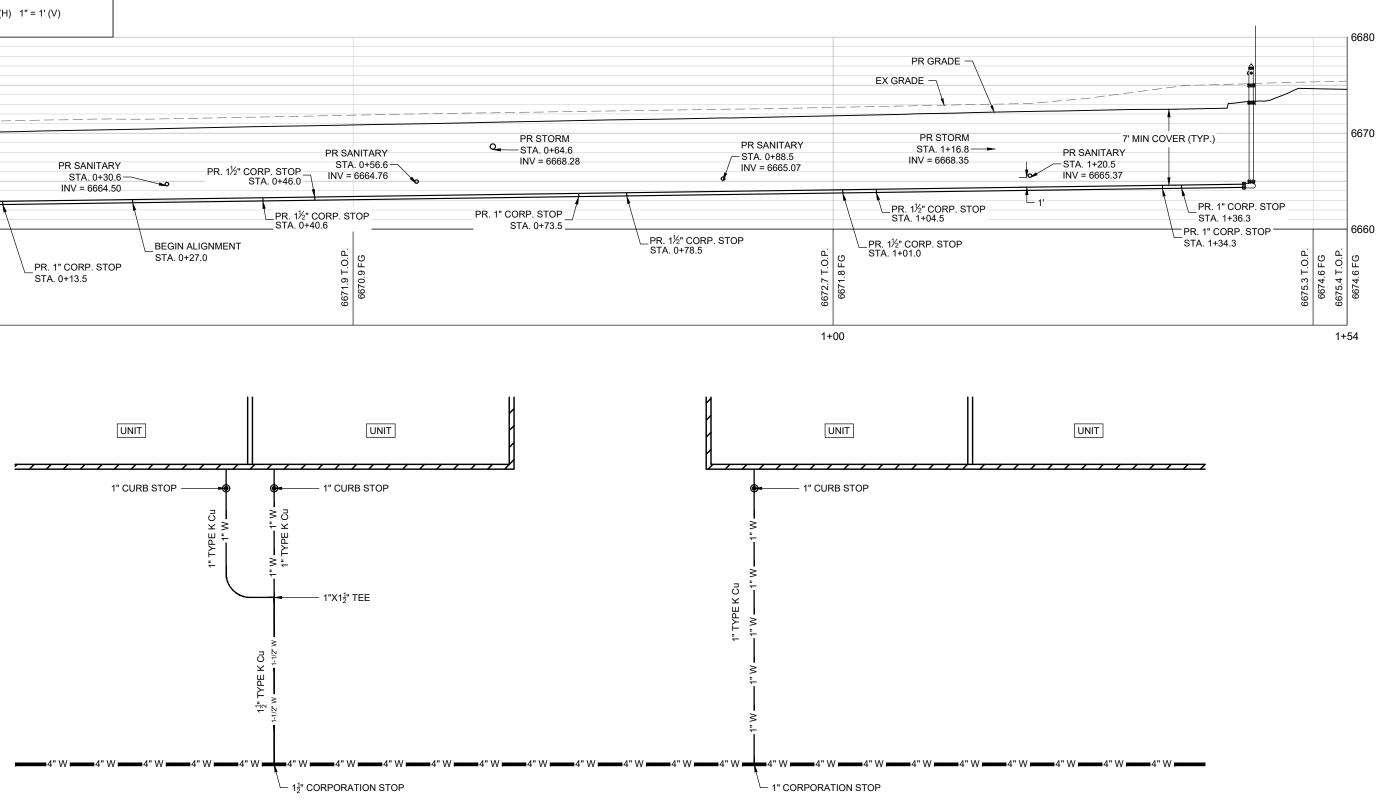


UNDERGROUND MEMBER UTILITIES.









MULTI UNIT SERVICE DETAIL N.T.S.



SINGLE UNIT SERVICE DETAIL N.T.S.

 \bigwedge NORTH 10

> (IN FEET) 1 inch = 10 ft.

20



30 Feet

LEGEND:

PROPOSED #" SANITARY SEWER W/ MH & C.O.	 8' 22 \$S 8' 22 \$-
EXISTING #" SANITARY SEWER W/ MH & C.O.	8" XS 8" XS 0
EX. SANITARY SEWER TO BE REMOVED OR ABANDONED	XS DEMD
PROPOSED #" WATER PIPE	
PROPOSED GV, FH & CS	M 🙏 🔘
EXISTING WATER	8″ XW
EX. WATER TO BE REMOVED OR ABANDONED	XW DEMO
EXISTING GV & FH	rtin 🖂
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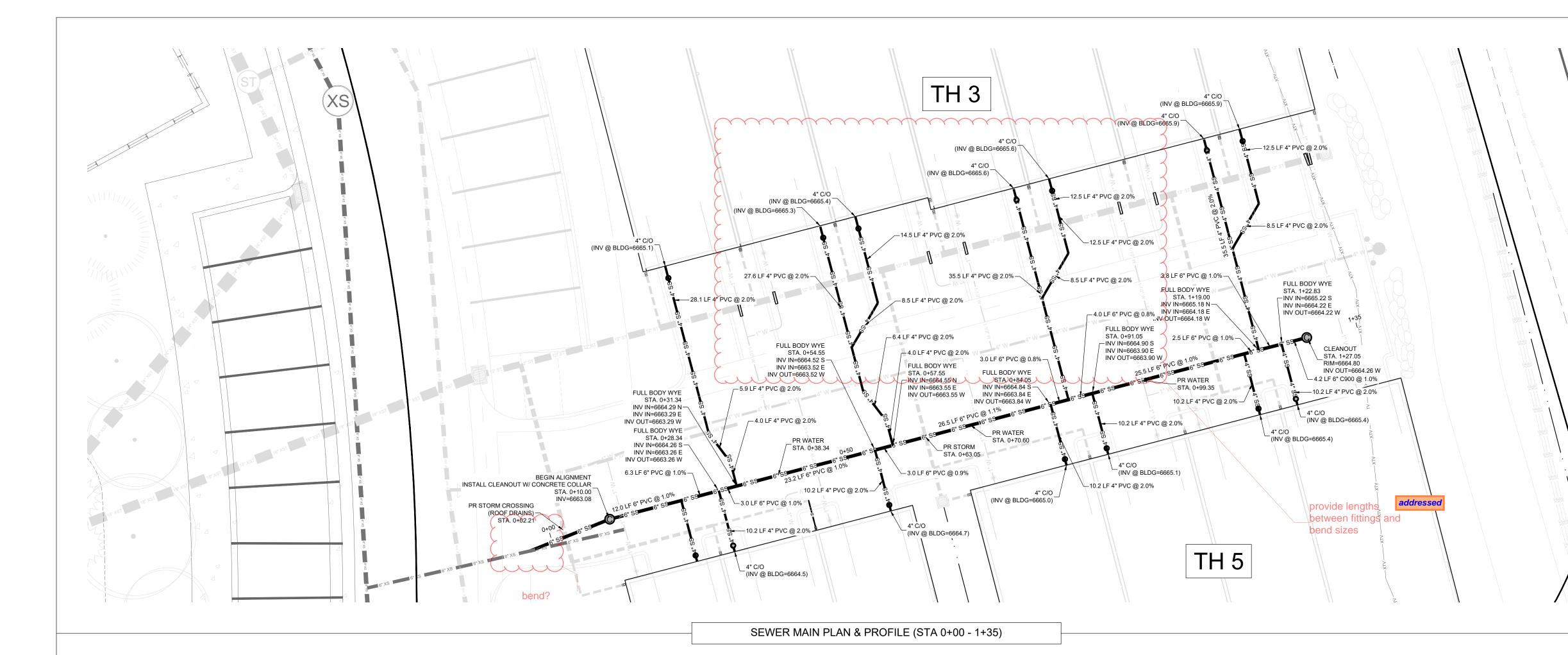
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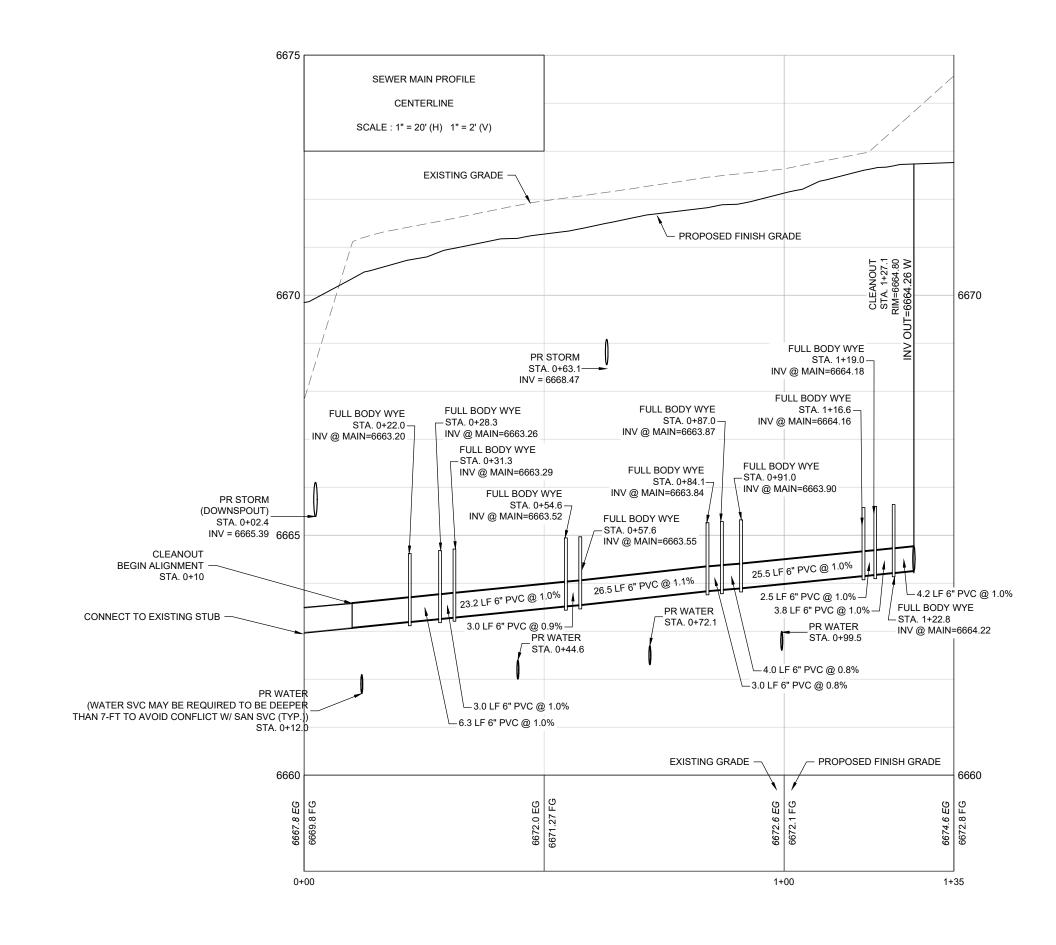


UNDERGROUND MEMBER UTILITIES.

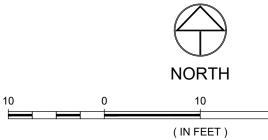


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DESCRIPTION:					
DATE: BY:					
2387-04 NO.		03-31-2023	Grip		k-co.com
PROJECT:		DATE: 0	CONTACT:		EMAIL: erikg@landmark-co.com
	Steamboat basecamp - Phase Z				
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AWING FILENAME: P\2387-004IDWGs/Production Drawings/Phase 2 - CDs/2387-004-Ph2-CDs-C.240 Sewer P&P.-dwg LAYOUT NAME: C.240 DATE: Apr 03, 2023 - 3.41pm CAD OPERA T OF X REFS: JGBORDER-PH2 Cash 12387-004-shmi-Ph2 I [2387-004-shmist-Ph2] [2387-004-shmistines: Phase 2] KuTTL Len





20

30 Feet

LEGEND:

PROPOSED #" SANITARY SEWER W/ MH & C.O.	—8" 55 — (55) — 8" 55 — () –
EXISTING #" SANITARY SEWER W/ MH & C.O.	8" XS 8" XS 0
EX. SANITARY SEWER TO BE REMOVED OR ABANDONED	XS DEMO
PROPOSED #" WATER PIPE	8" W8" W8" W
PROPOSED GV, FH & CS	▶ .▲ .
EXISTING WATER	8" XW
EX. WATER TO BE REMOVED OR ABANDONED	XW DEMO
EXISTING GV & FH	nt fa
PROPOSED STORM/CULVERT, INLET, MH, END SECTION WITH RIPRAP	18" ST
EXIST #" STORM/CULVERT, INLET, MH, END SECTION WITH RIPRAP	18" XS ST 5

EX. STORM/CULVERT TO BE REMOVED OR ABANDONED XST DEMO

NOTES:

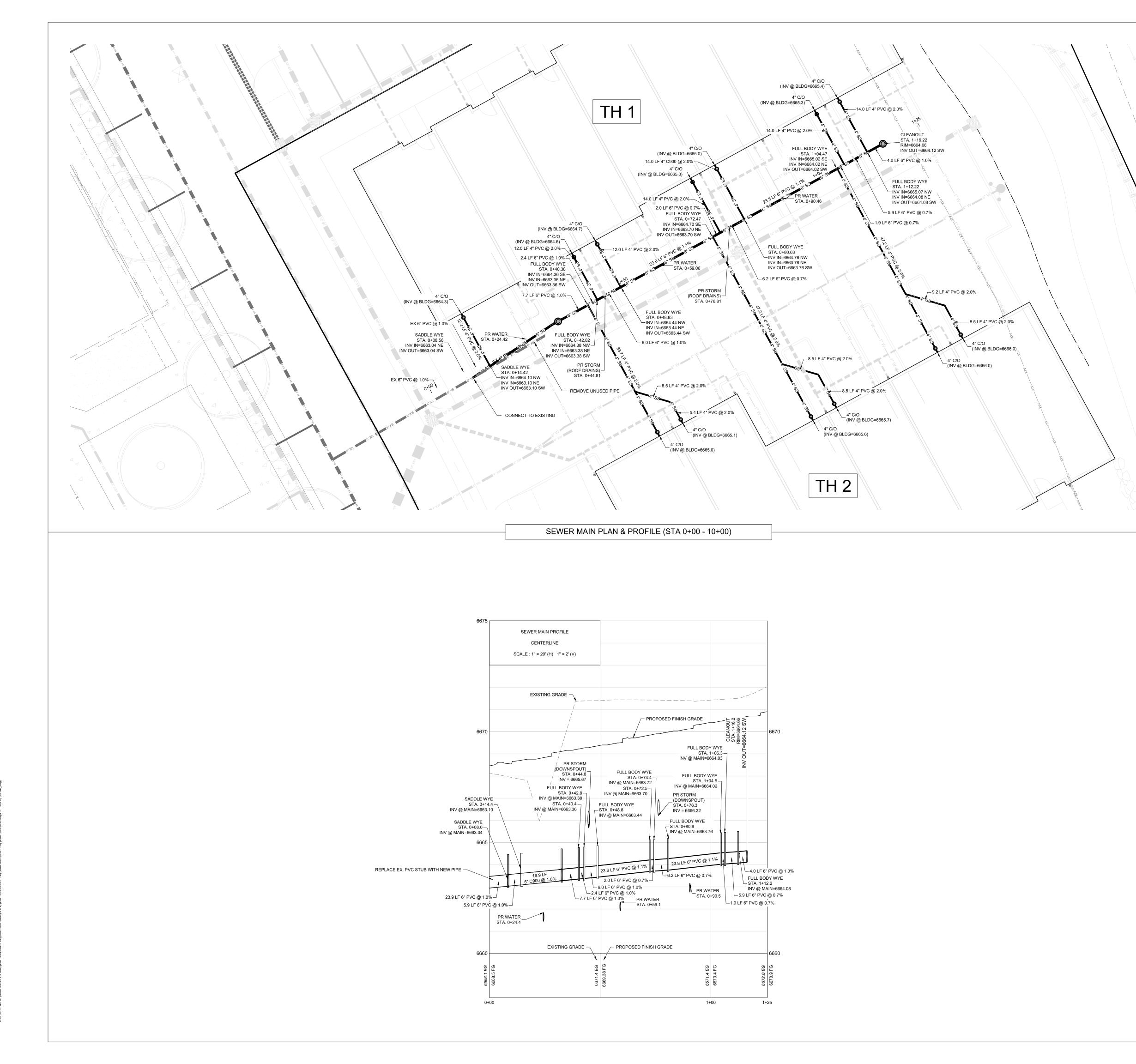
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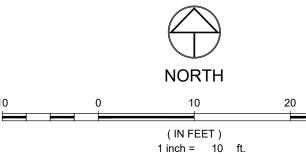
UNDERGROUND MEMBER UTILITIES.



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DESCRIPTION:					
NTE: BY:					
NO. DATE:					
2387-04		03-31-2023	Grip		EMAIL: erikg@landmark-co.com
PROJECT:		DATE:	CONTACT:		EMAIL: erikg(
	Steamboal basecamp - Phase Z			Conitory Comor Dion & Drofilo	< ∣
	2	SHE	EET		



DRAWING FILENAME: P.3237-004/DWGs/Production Drawings/Phase 2 - CDs/2387-304-Ph2-CDs-C.240 Sewer P&P. dwg LAYOUT NAME: C.241 DATE: Apr 03, 2023 - 341pm CAD OPERA





30 Feet

LEGEND:

PROPOSED #" SANITARY SEWER W/ MH & C.O.	—8" SS—(SS)—8" SS—()-
EXISTING #" SANITARY SEWER W/ MH & C.O.	8" XS 8" XS C
EX. SANITARY SEWER TO BE REMOVED OR ABANDONED	XS DEMO
PROPOSED #" WATER PIPE	8" W8" W
PROPOSED GV, FH & CS	▶ 🔔 🖲
EXISTING WATER	8" XW
EX. WATER TO BE REMOVED OR ABANDONED	XW DEMO
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