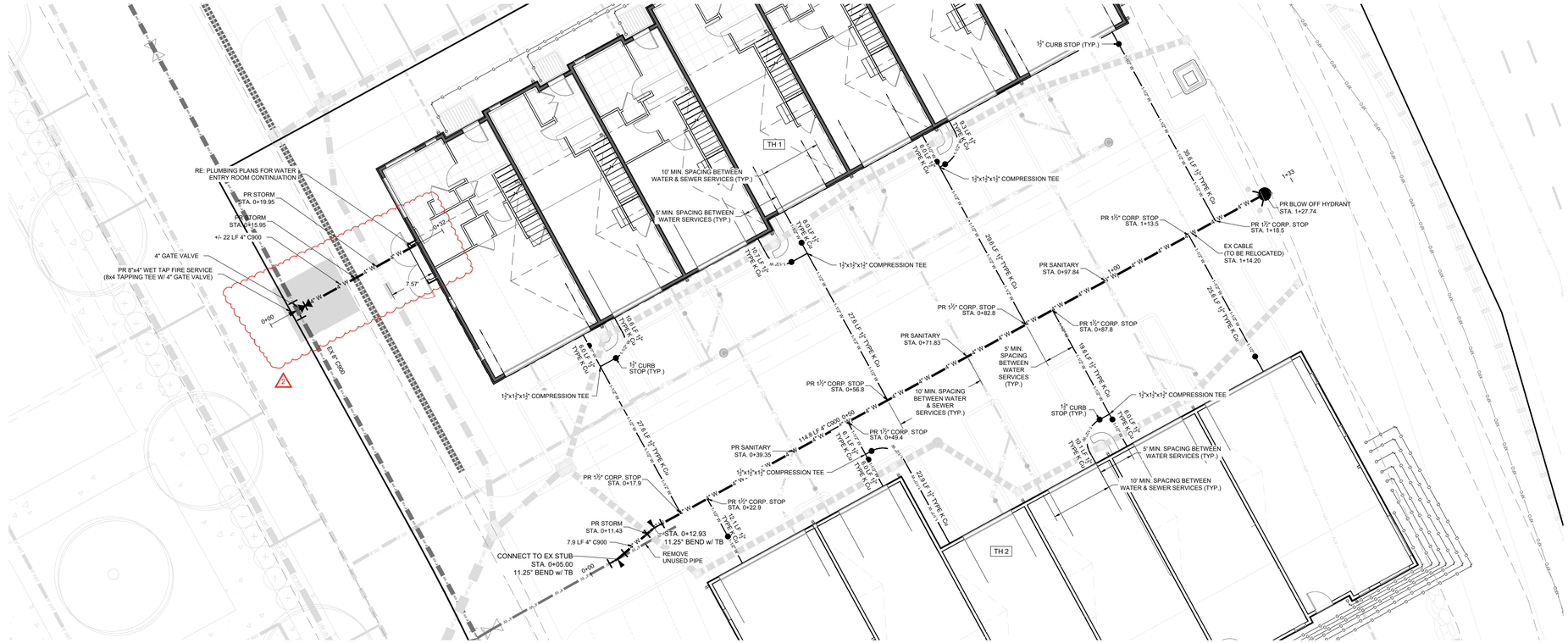
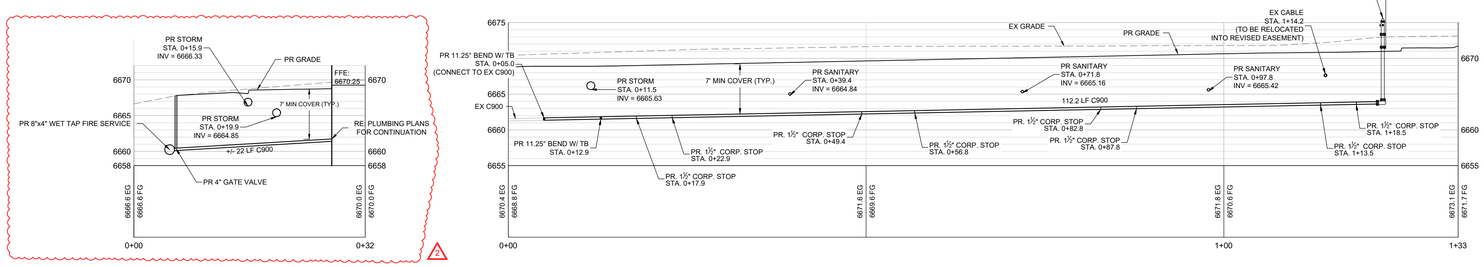


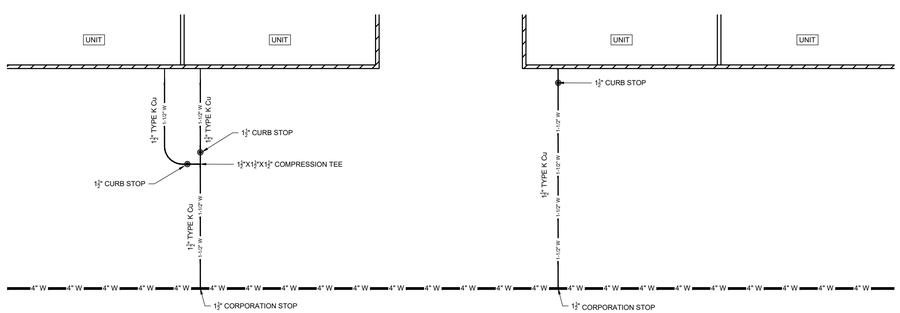
WATER PLAN & PROFILE (STA. 0+00 - 1+32)



WATERLINE SERVICE PROFILE

CENTERLINE

SCALE : 1" = 10' (H) 1" = 10' (V)



MULTI UNIT SERVICE DETAIL
N.T.S.

SINGLE UNIT SERVICE DETAIL
N.T.S.

NORTH

10 0 10 20 30 Feet

(IN FEET)
1 inch = 10 ft.

Reviewed for Code Compliance

05/01/2024

LEGEND:

- PROPOSED 8" SANITARY SEWER W/ MH & C.O.
- EXISTING 8" SANITARY SEWER W/ MH & C.O.
- EX. SANITARY SEWER TO BE REMOVED OR ABANDONED
- PROPOSED 8" WATER PIPE
- PROPOSED GV, FH & CS
- EXISTING WATER
- EX. WATER TO BE REMOVED OR ABANDONED
- EXISTING GV & FH
- PROPOSED STORM/CULVERT, INLET, MH, END SECTION WITH RIPRAP
- EXIST 8" STORM/CULVERT, INLET, MH, END SECTION WITH RIPRAP
- 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.
2. 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 ½" 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.

CALL UTILITY NOTIFICATION CENTER OF COLORADO

811 Know what's below. Call before you dig.

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

COLORADO LICENSED ERIK GRIEFENRODT 33280 04/23/2024 PROFESSIONAL ENGINEER

NOT VALID WITHOUT ORIGINAL SIGNATURE AND DATE

CIVIL ENGINEERS | SURVEYORS
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Steamboat Springs, Colorado 80477
(970) 871-9494
www.LANDMARK-CO.com
LANDMARK CONSULTANTS, INC.

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NO.	DATE:	BY:	DESCRIPTION:
1	8-22-2023	Grip	AS-01 - Utility Revisions per MEP
2	4-23-24	Grip	Added 4" Fire Service

PROJECT: 23B7-04
DATE: 05-18-2023
CONTACT: Grip
EMAIL: erik@landmark-co.com

Steamboat Basecamp - Phase 2 Construction

Water Plan & Profile North

SHEET
C.210

DRAWING FILENAME: P:\23B7-00\CIVIL\Production Drawings\Phase 2 - CD\23B7-00A-PN2-Civil-C.210 Water Plan.dwg LAYOUT NAME: C.210 DATE: Apr 23, 2024 - 11:13am CAD OPERATOR: erik
LIST OF XREFS: [#0]REBER-PH2.DWG;[#1]BEDDE-PH2.DWG;[#2]BEDDE-xref-PH2[23B7-00A-xref-PH2]23B7-00A-xref-PH2.DWG;[#3]LINE_Map[23B7-00A-xref]Map - Phase 2