



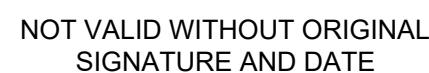
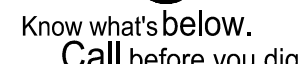




- PROPOSED 8" SANITARY SEWER W/ MH & C.O.
- EXISTING 8" SANITARY SEWER W/ MH & C.O.
- EX. SANITARY SEWER TO BE REMOVED OR ABANDONED
- PROPOSED 8" WATER PIPE
- PROPOSED GV, FH & CS
- EXISTING WATER
- EX. WATER TO BE REMOVED OR ABANDONED
- EXISTING GV & FH
- PROPOSED STORM/CULVERT, INLET, MH, END SECTION 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 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 MARKS 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 SEABOARD STANDARDS SPECIFIC, 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 AROUNDING GRADE FROM MANHOLE RIMS.
6. ALL MANHOLES LOCATED IN THE ROADWAY SHALL HAVE RIM ELEVATIONS ADJUSTED TO 1/2" BELOW FINISHED GRADE. IF NECESSARY, CONC CRECTIONS SHALL BE PLACED 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 #10 SOLID COPPER WIRE COATED WITH 45 MIL POLYETHYLENE FOR LOCATING PURPOSES. "GLASS BREAKERS" BY THE CITY OF SEABOARD SHALL BE INSTALLED. LOCATIONS SHALL BE INSTALLED ADJACENT TO ALL FIRE HYDRANTS. ADDITIONAL LOCATIONS MAY BE REQUIRED.
10. ALL MATERIALS USED FOR BACKFILL SHALL BE FREE FROM STONES OR ORGANIC MATERIAL, COBBLES, BOULDERS, LARGE ROCKS OR FROZEN SOLIDS 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.



These drawings are instruments of service provided by Landmark Consultants, Inc. and are not to be used for any type of construction or contracting unless signed and sealed by a Professional Engineer in the employ of Landmark Consultants, Inc.

PROJECT:	2387-04	NO.	DATE:	BY:	DESCRIPTION:
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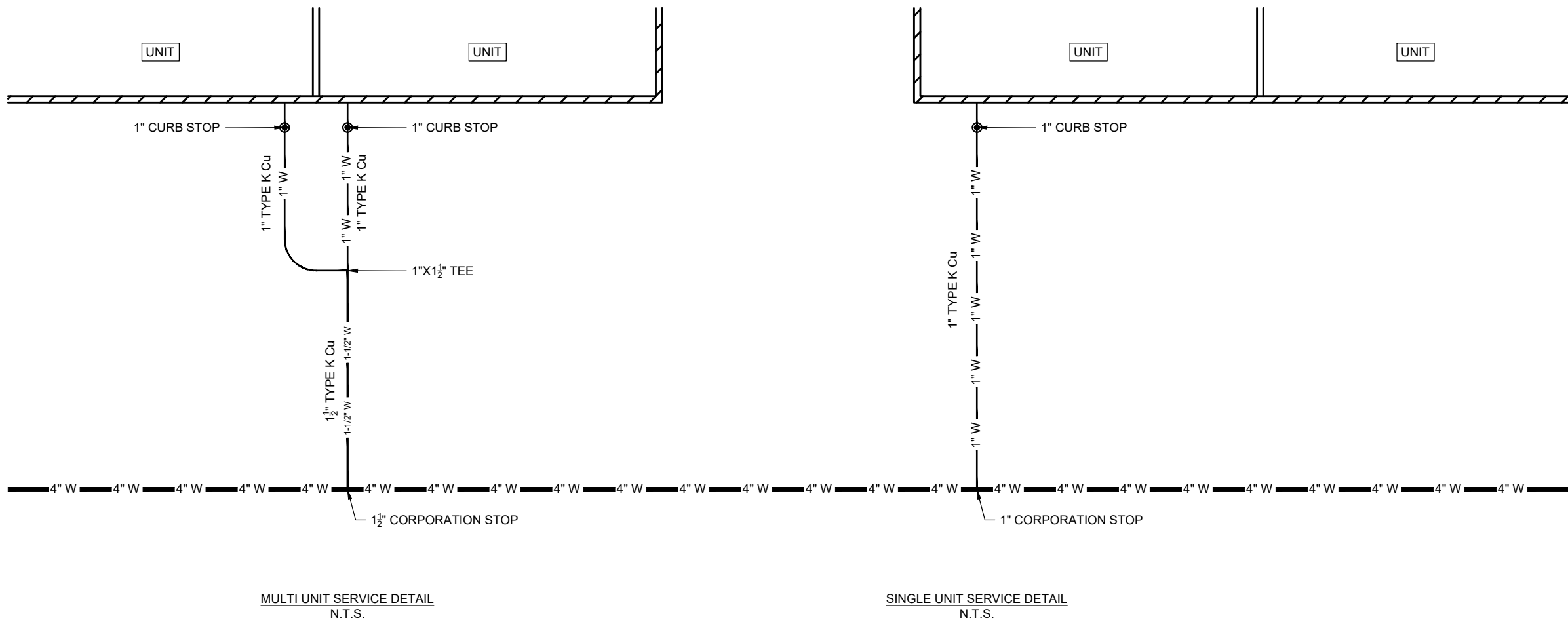
## Steamboat Basecamp - Phase 2

# Water Plan & Profile North

SHEET

C.210





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 MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER 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 REMOVE INFILTRATION. GRADE SURFACE TO DRAIN AROUND/AWAY FROM MANHOLE RIMS.
6. ALL MANHOLES LOCATED IN THE ROADWAY SHALL HAVE RIM ELEVATIONS ADJUSTED TO 1/2" BELOW FINISHED GRADE. IF NECESSARY, CONC SECTIONS SHALL BE ROTATED TO PREVENT LIDS BEING LOCATED WITHIN VEHICLE OR BICYCLE WHEEL PATHS.
7. SEWER SERVICE SHALL HAVE A MINIMUM OF 4' COVER.
8. WATER SERVICE SHALL HAVE A MINIMUM OF 7'-7" COVER.
9. ALL WATER PIPE SHALL BE INSTALLED WITH A #10 SOLID COPPER PIPE COATED WITH 45 MIL POLYETHYLENE FOR LEAKING PROPOSES. "GLENN TEST" STATIONS BY VALVCO, INC. TRACER WIRE "TEST STATIONS SHALL BE REQUIRED TO ALL FIRE HYDRANTS. ADDITIONAL LOCATIONS MAY BE REQUIRED."
10. ALL MATERIALS USED FOR BACKFILL SHALL BE FREE FROM REFUSE OR ORGANIC MATERIAL. COBBLES, Boulders, LARGE ROCKS OR STONES OR FROZEN SOLIDS 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-INCH OR LARGER DIAMETER) SHALL BE PVC, NOT D.I.P.

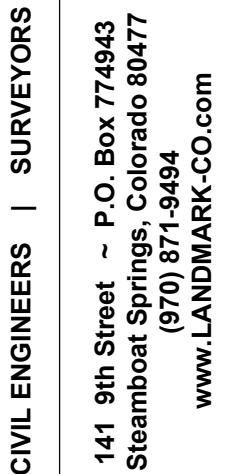


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SIGNATURE AND DATE









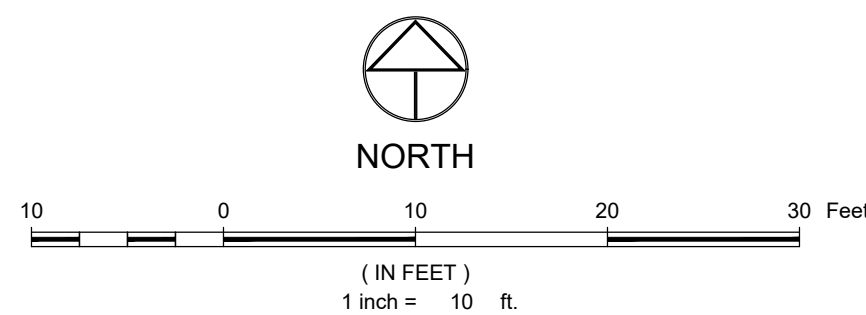
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PROJECT:	2387-04	NO.	DATE:	BY:	DESCRIPTION:
DATE:	03-31-2023				
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## Steamboat Basecamp - Phase 2

SHEET

# C.241



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

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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 2" BELOW FINISHED GRADE. IF NECESSARY, CONC SECTIONS SHALL BE SPOTTED TO PREVENT LIDS BEING LOCATED WITHIN VEHICLE OR BICYCLE WHEEL PATHS.
7. SEWER SERVICE SHALL HAVE A MINIMUM OF 4'-0" COVER.
8. WATER SERVICE SHALL HAVE A MINIMUM OF 7'-0" COVER.
9. ALL WATER PIPE SHALL BE INSTALLED WITH A #10 SOLID COPPER PIPE COATED WITH 45 MIL POLYETHYLENE FOR LEAKING PROPOSES. "GLENN TEST STATIONS" BY VALVICO, INC TRACER WIRE TEST STATIONS SHALL BE INSTALLED AGENT TO ALL FIRE HYDRANTS. ADDITIONAL LOCATIONS MAY BE REQUIRED.
10. ALL MATERIALS USED FOR BACKFILL SHALL BE FREE FROM REFUSE OR ORGANIC MATERIAL, COBBLES, Boulders, LARGE ROCKS OR STONES OR FROZEN SOLIDS 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 (6-INCHES AND LARGER DIAMETER) SHALL BE PVC, NOT D.I.P.



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.



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SIGNATURE AND DATE

DRAWING FILENAME: P:\387\04\04\04\Production Drawings\Phase 2 - C04\387\04\04\04\C04-C-20.dwg LAYOUT NAME: C-21 DATE: Apr 03, 2023 - 3:41pm CAD OPERATOR: EIK