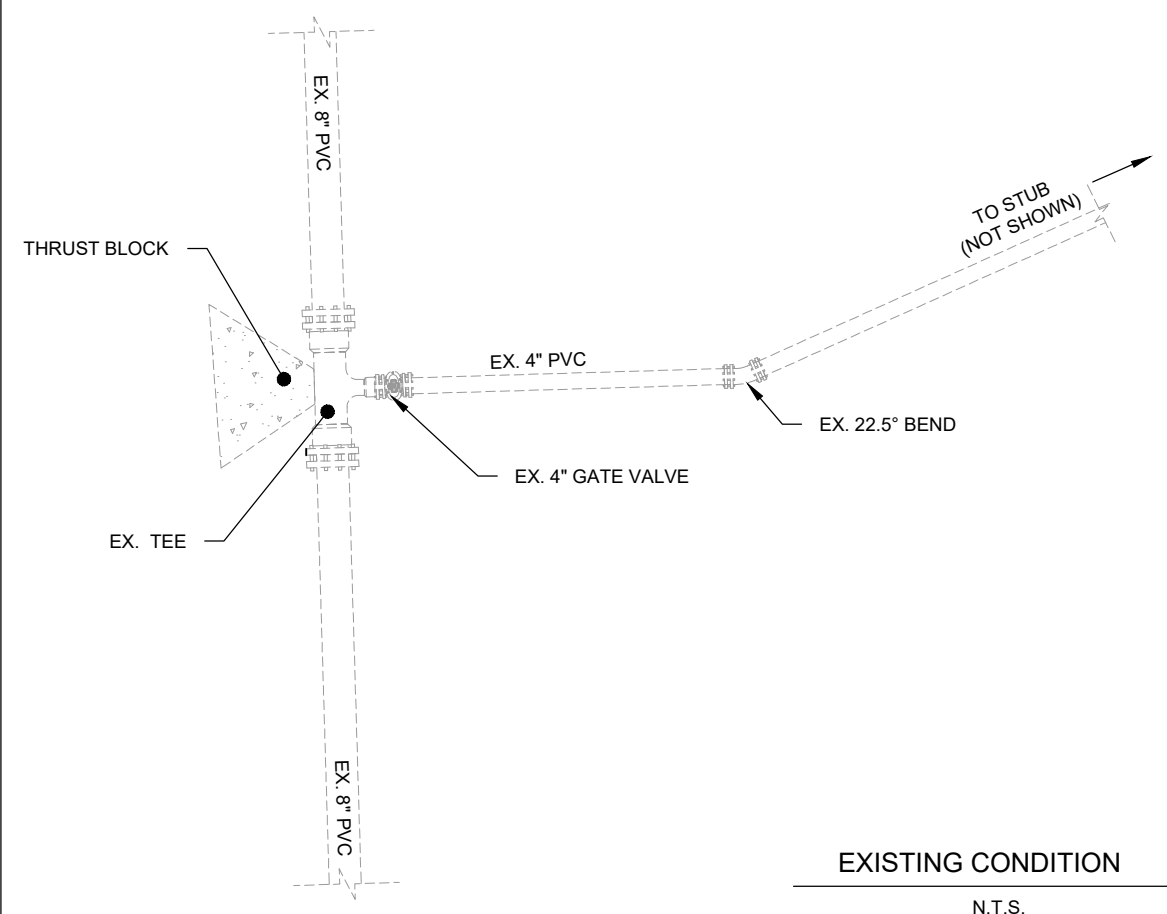


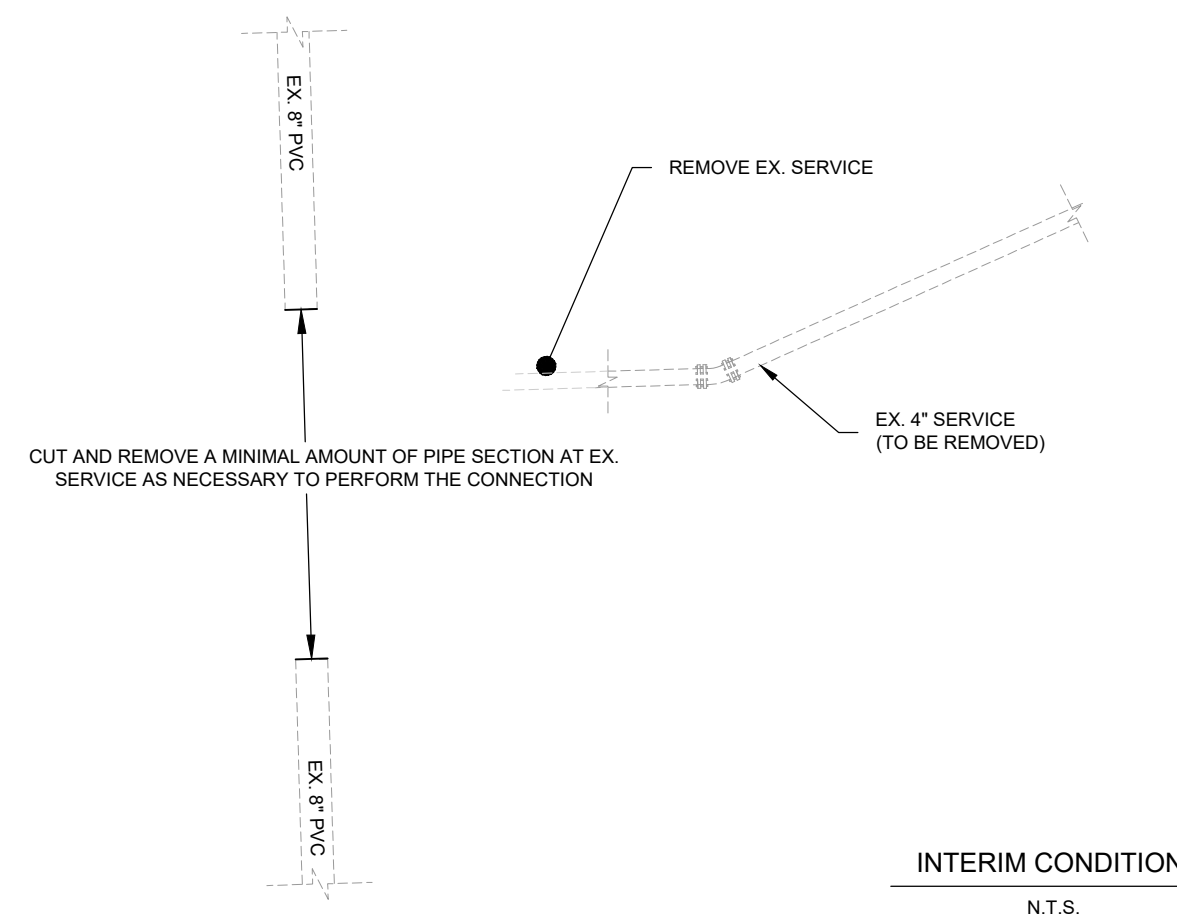
- # NOTES:
1. THE SIZE, TYPE AND LOCATION OF ALL KNOWN UNDERGROUND UTILITIES ARE APPROXIMATE WHEN SHOWN ON THESE DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF ALL UNDERGROUND UTILITIES IN THE AREA OF THE WORK. BEFORE COMMENCING ANY WORK ON LOT, THE CONTRACTOR SHALL 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 IDENTIFIED 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 AND WATER CONSTRUCTION SHALL BE PER THE CITY OF STEAMBOAT SPRINGS STANDARD SPECIFICATIONS, LATEST EDITION.
 4. MAINTAIN 10' HORIZONTAL AND 12" 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 MANHOLE RIMS.
 6. ALL MANHOLES LOCATED IN THE ROADWAY SHALL HAVE RIM ELEVATIONS ADJUSTED TO 12" ABOVE THE EXISTING GRADE. ALL CURB SECTIONS SHALL BE NOTED 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. "GLEN" TEST STATIONS" BY VALCO, 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 4-INCHES IN DIAMETER.
 11. ALL TRENCHES SHALL BE COMPACTED TO 95% AS DETERMINED BY ASTM D698 (STANDARD PROCTOR) OR AS SPECIFIED BY GEO/TECHNICAL ENGINEER.
 12. ALL WATER MAINS AND SERVICES (4-INCHES AND LARGER DIAMETER) SHALL BE PVC, NOT D.I.P.
 13. THIS DRAWING SHALL NOT TO BE USED FOR CONSTRUCTION OR CONTRACTING PURPOSES.

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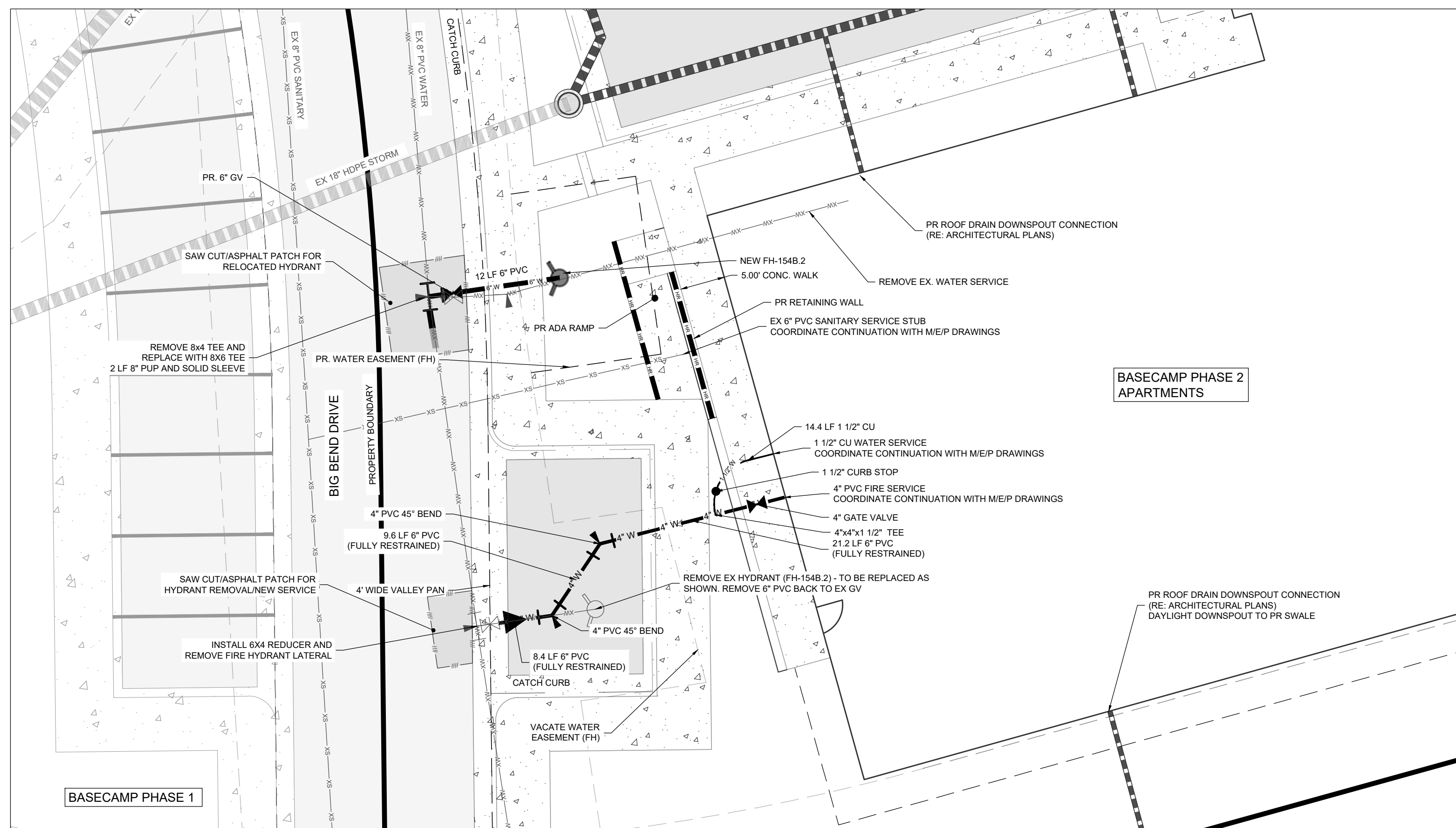
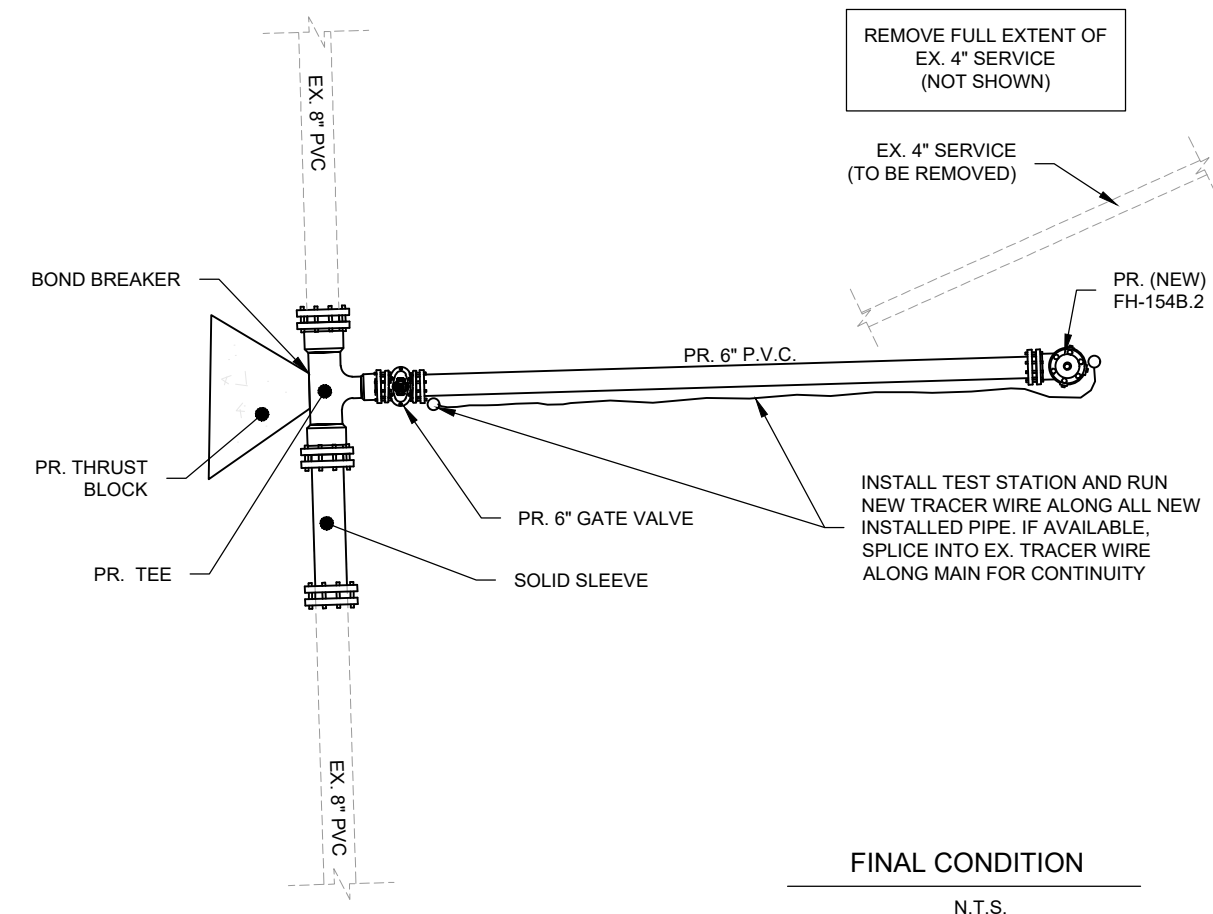
Basecamp Phase 2 Apartments Phase 2 Apartment Water and Sewer Plan



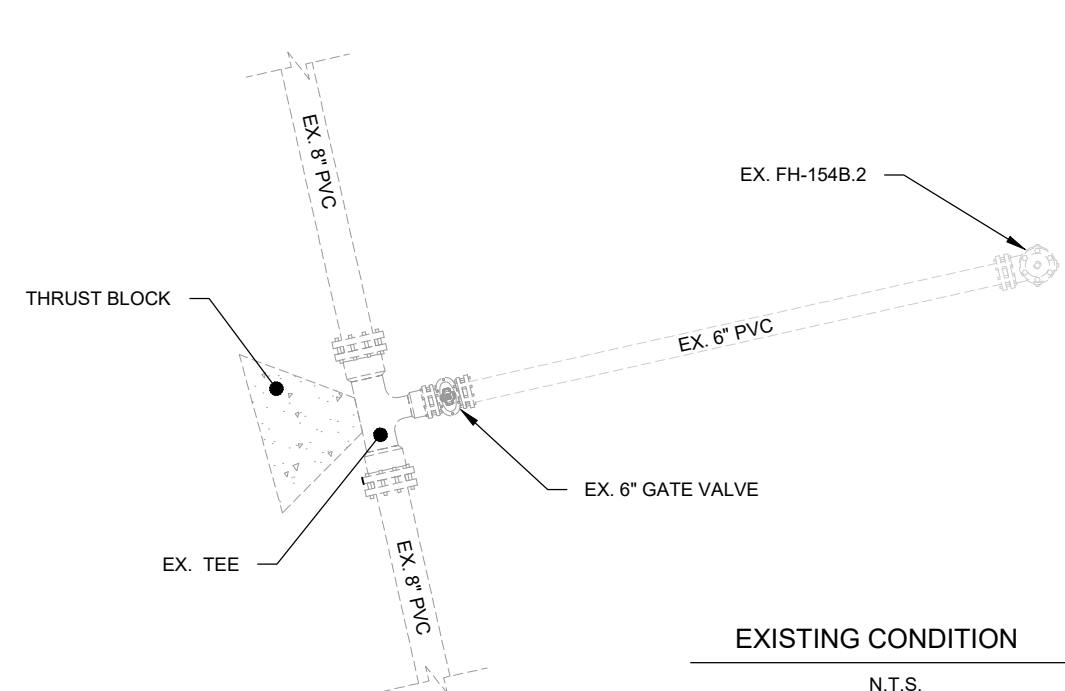
- | PIPE PREPARATION | |
|------------------|--|
| 1. | CONFIRM CONNECTION LOCATION WITH SURVEYOR AND ENGINEER; |
| 2. | CUT EXISTING PIPE IN A MANNER THAT MINIMIZES THE REMOVAL LENGTH OF PIPE; |
| 3. | BEVEL AND REMOVE ALL BURS FOR A CLEAN CONNECTION; |



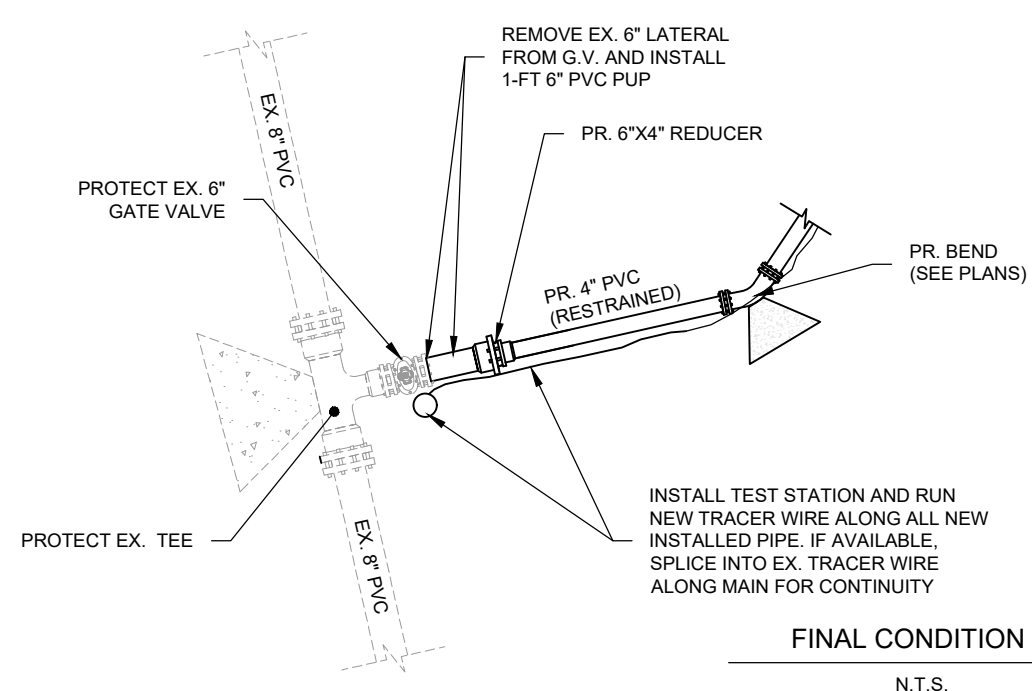
- | |
|--|
| <p>CONNECTION COMPLETION</p> <ol style="list-style-type: none"> 1. PRE-ASSEMBLE FITTINGS OUTSIDE OF TRENCH TO THE EXTENT PRACTICABLE; 2. DISINFECT INTERIOR OF FITTINGS PER SPECIFICATIONS IN THE PRESENCE OF ENGINEER; 3. REFER TO WATER DISTRICT SPECIFICATIONS AND DETAILS FOR FINAL REQUIREMENTS |
|--|



- INITIAL EXCAVATION**
1. ENSURE ALL APPROVALS AND PERMITS ARE IN PLACE PRIOR TO MOBILIZATION.
 2. COORDINATE ALL EXCAVATION ACTIVITIES WITH UTILITY LOCATES AND NOTIFICATIONS.
 3. COORDINATE SCHEDULE AND OPERATIONS WITH ENGINEER AND CITY OF STEAMBOAT SPRINGS UTILITIES PRIOR TO EXCAVATION, INCLUDING NOTIFICATIONS FOR SERVICE DISRUPTION AND SYSTEM ISOLATION.
 4. CAREFULLY EXPOSE EXISTING PIPE AND CONFIRM MATERIAL AND SIZE.
 5. CONSTRUCTION DEWATERING SHALL CONFORM TO ALL PERMIT REQUIREMENTS.



- | |
|--|
| <p>PIPE PREPARATION</p> <ol style="list-style-type: none"> 1. CONFIRM CONNECTION LOCATION WITH SURVEYOR AND ENGINEER. 2. CONFIRM DE-PRESSURIZATION OF SYSTEM. 3. REMOVE EX. PIPE AND HYDRANT AND DISPOSE. <p>PIPE AND HYDRANT INSTALLATION:</p> <ol style="list-style-type: none"> 4. PRE-ASSEMBLE FITTINGS OUTSIDE OF TRENCH TO THE EXTENT PRACTICABLE. 5. DISINFECT INTERIOR OF FITTINGS PER SPECIFICATIONS IN THE PRESENCE OF ENGINEER. 6. REFER TO CITY OF STEAMBOAT SPRINGS UTILITIES INSTALLATION OF NEW PIPE AND FIRE HYDRANT. 7. PERFORM ALL QUALITY ASSURANCE TESTING INCLUDING DISINFECTION, BACTERIOLOGICAL AND LEAKAGE TESTS IN PRESENCE OF ENGINEER. |
|--|



LOT 3 F.H. REMOVAL AND NEW WATER SERVICE EXHIBIT
(NOT INTENDED TO DICTATE CONTRACTOR MEANS & METHODS)



EXISTING SANITARY SEWER W/ MH & C.O.

EXISTING WATER

PROPOSED 8" SANITARY SEWER W/ MH & C.O.

PROPOSED 8" WATER PIPE

PROPOSED GV, FH & CS

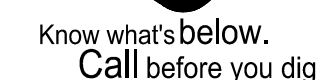
PROPOSED STORM SEWER W/ FLARED END SECTION

PROPOSED STORM INLET (CURB & AREA)

PROPOSED STORM MANHOLE & CLEANOUT

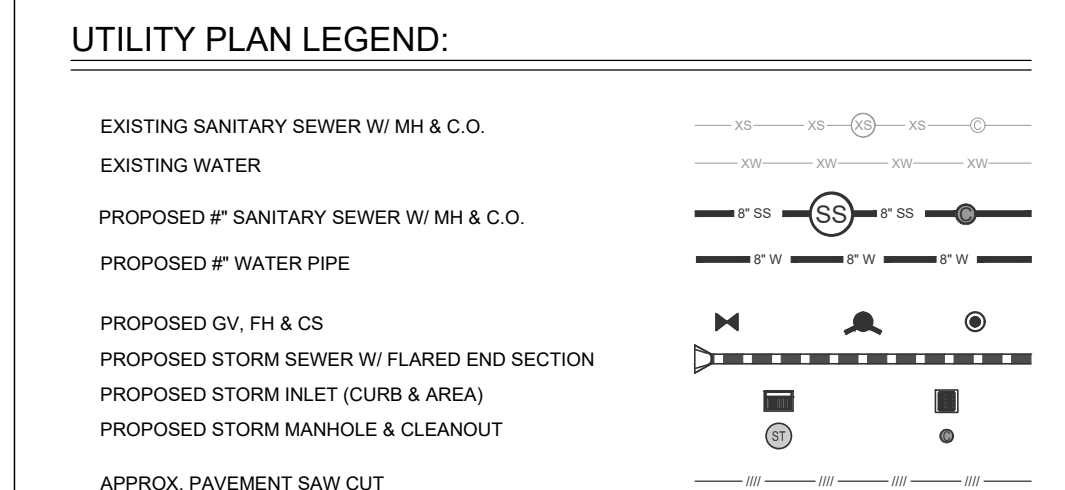
APPROX. PAVEMENT SLOPE CUT

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 ANY 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 NOT BEING 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 AND WATER CONSTRUCTION SHALL BE PER THE CITY OF STEAMBOAT SPRINGS STANDARD SPECIFICATIONS, LATEST EDITION.
4. MAINTAIN 1' 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 EROSION/FILL. GRADE SURFACE TO DRAIN AROUND/AWAY FROM MANHOLE RIMS.
6. ALL MANHOLES LOCATED IN THE ROADWAY SHALL HAVE RIM ELEVATIONS ADJUSTED TO 2" BELOW EXISTING GRADE. ALL MANHOLE SECTIONS SHALL BE ROTATED TO PREVENT LIDS BEING LOCATED WITHIN VEHICLE OR BICYCLE WHEEL PATHS.
7. SEWER SERVICE SHALL HAVE A MINIMUM OF 4'-0" OF COVER.
8. WATER SERVICE SHALL HAVE A MINIMUM OF 7'-0" OF COVER.
9. ALL WATER PIPE SHALL BE INSTALLED WITH A #10 SOLDER COPPER PIPE COATED WITH 45 MIL POLYETHYLENE FOR LEAKING PURPOSES. "GREEN" TEST STATIONS BY VALVIC, 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 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.
13. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR CONTRACTING PURPOSES.



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





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 6. ALL MANHOLES LOCATED IN THE ROADWAY SHALL HAVE RIM ELEVATIONS ADJUSTED TO 1/2" 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'-7" OF COVER.
 8. WATER SERVICE SHALL HAVE A MINIMUM OF 7'-7" 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 VALVICO, INC TRACER WIRE TEST STATIONS SHALL BE INSTALLED ADJACENT TO ALL FIRE HYDRANTS. ADDITIONAL LOCATIONS MAY BE REQUIRED.
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