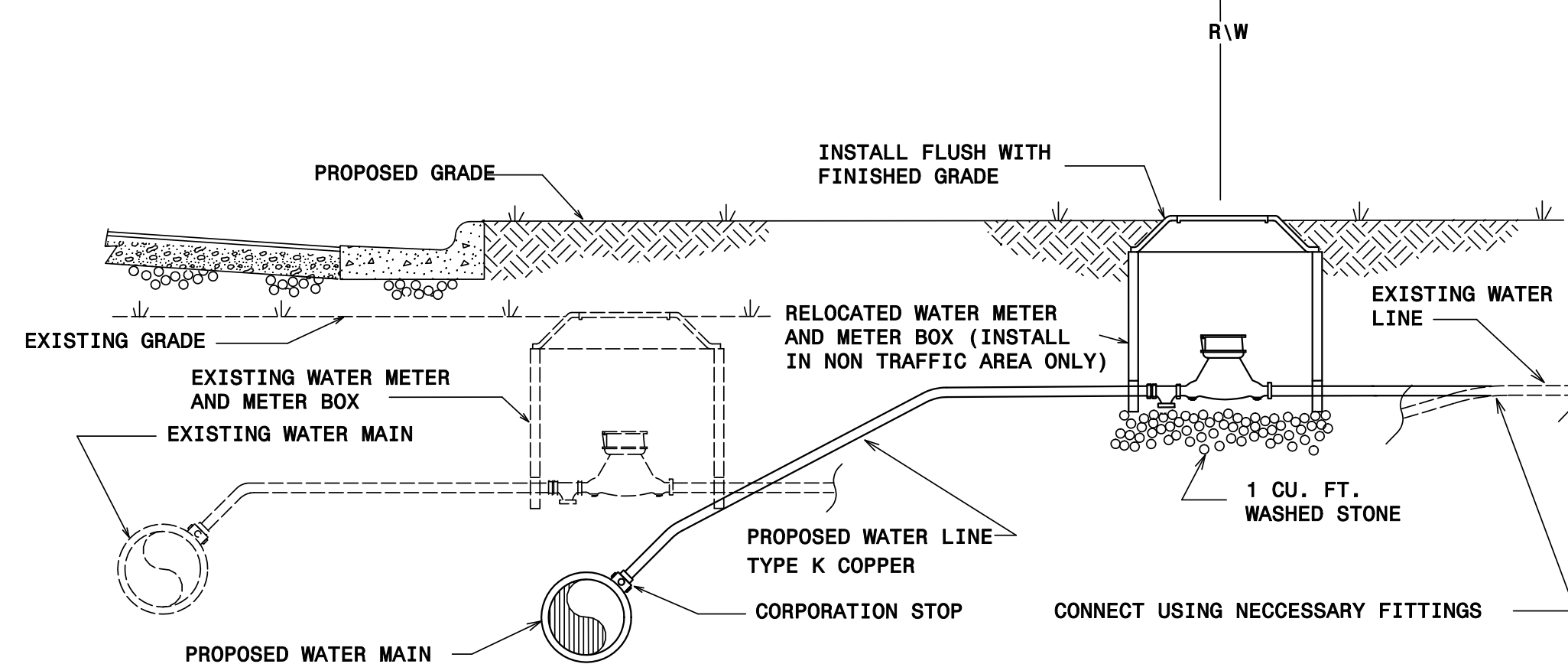
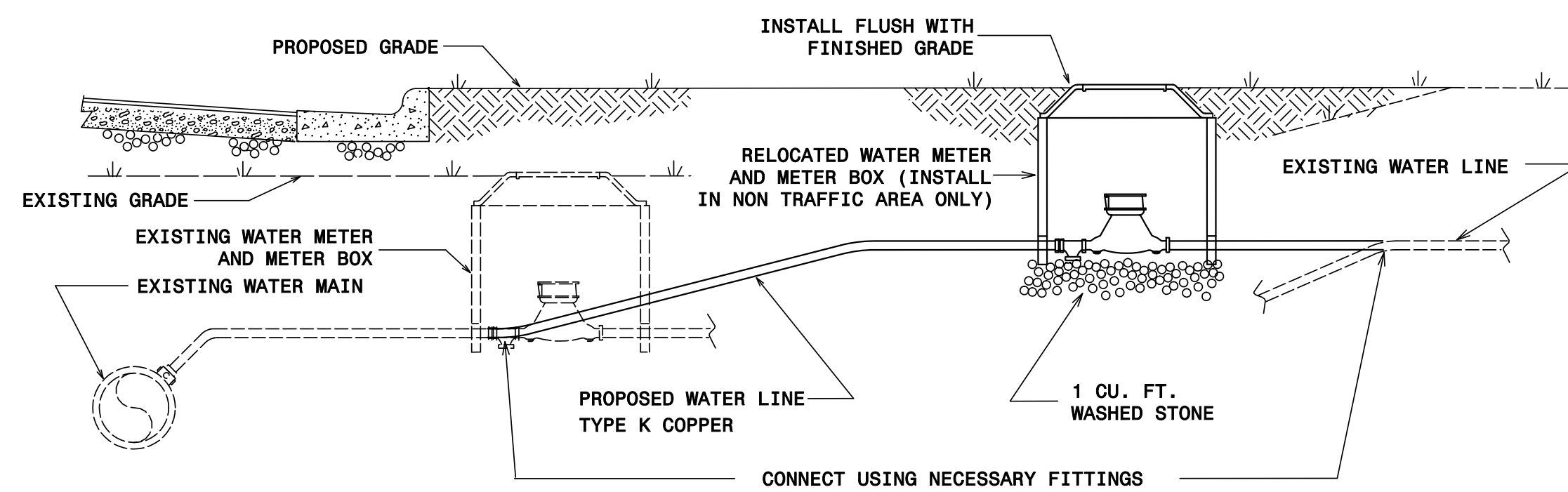


PROJECT REFERENCE NO.	SHEET NO.
R-5516	UC-3B
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	3/7/2011 UTILITY CONSTRUCTION PLANS ONLY
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	SEAL 1952 JOHN DAVID POETSCH

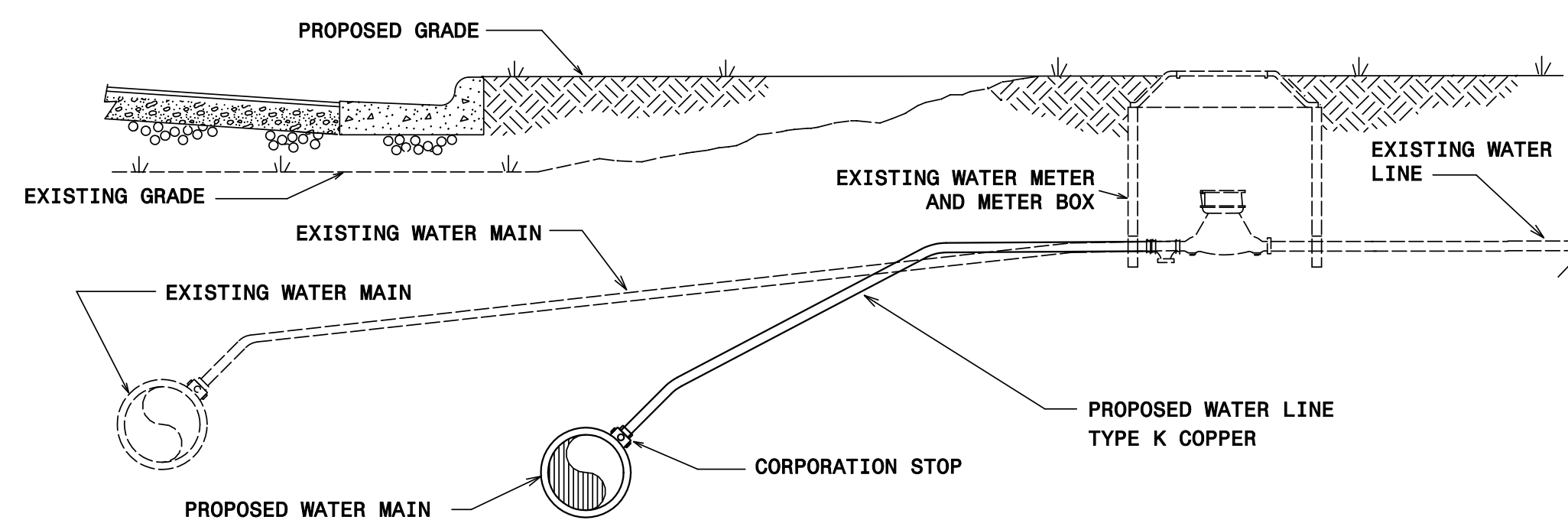
UTILITY CONSTRUCTION



NOTES:

1. RELOCATION SHALL INCLUDE THE REMOVAL AND INSTALLATION AT THE APPROPRIATE LOCATION OF THE WATER METER, CURB STOP & CLAMPING DEVICE, METER VALVES, AND METER BOX WITH LID.
2. THE NEW WATER SERVICE LINE SHALL BE OF THE SAME TYPE AND GRADE AS THE EXISTING WATER SERVICE LINE UNLESS OTHERWISE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.
3. THE NEW WATER SERVICE LINE SHALL BE INSTALLED WITH A MINIMUM OF 12", MAXIMUM OF 24" COVER BELOW FINISHED GRADE.
4. THE OWNER RESERVES THE RIGHT TO ADD OR DELETE WATER SERVICE TAPS AND TO CHANGE LOCATIONS FROM THOSE SHOWN.

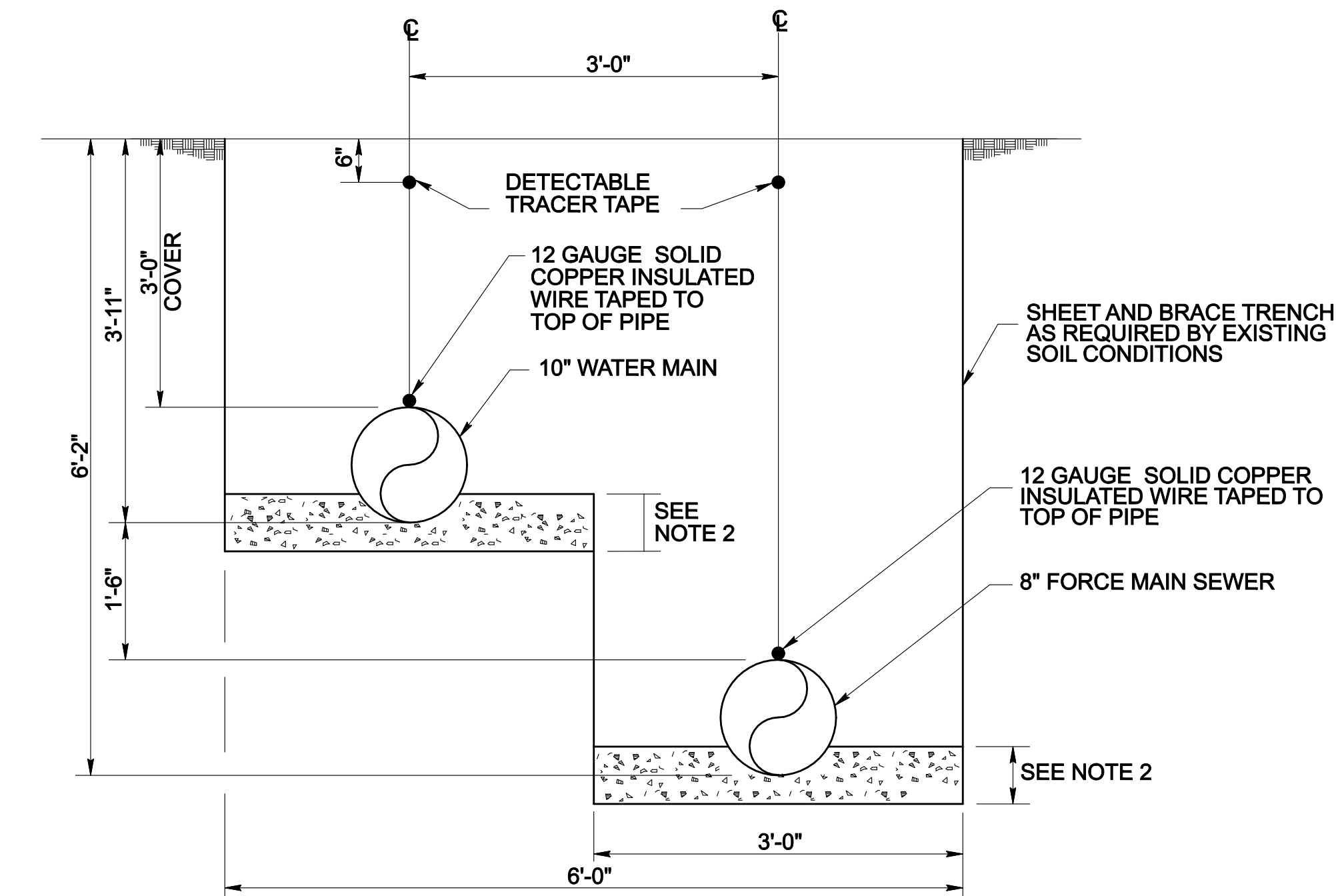
WATER METER RELOCATION DETAILS



NOTES:

1. THE NEW WATER SERVICE LINE SHALL BE OF THE SAME TYPE AND GRADE AS THE EXISTING WATER SERVICE LINE UNLESS OTHERWISE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.
2. THE NEW WATER SERVICE LINE SHALL BE INSTALLED WITH A MINIMUM OF 12", MAXIMUM OF 24" COVER BELOW FINISHED GRADE.

RECONNECT EXISTING WATER METER DETAIL



NOTES:

1. SHAPE BOTTOM OF TRENCH TO FIT BOTTOM QUARTER ON SIDES OF AND BENEATH PIPE. BED ONE-QUARTER THE PIPE OUTSIDE DIAMETER ON THE SIDES OF AND 6" BENEATH PIPE WITH #67 STONE. EXCAVATE UNDER EACH BELL SUFFICIENTLY TO PREVENT ANY LOAD ON BELL.
2. WHERE UNSTABLE SOIL IS ENCOUNTERED, EXCAVATE THE SOIL AS DIRECTED BY THE ENGINEERS AND BACKFILL WITH AT LEAST 8" OF #467 STONE. THE BACKFILL SHALL BE COMPACTED AND SHAPED TO FORM A BED FOR THE PIPE.
3. BACKFILL IN 6" LAYERS AND COMPACT TO 98% STANDARD DENSITY WITHIN ROAD RIGHT-OF-WAYS OR OTHERWISE 90% STANDARD DENSITY AS DETERMINED BY AASHTO TEST METHOD T-99.

BENCHED TRENCH DETAIL