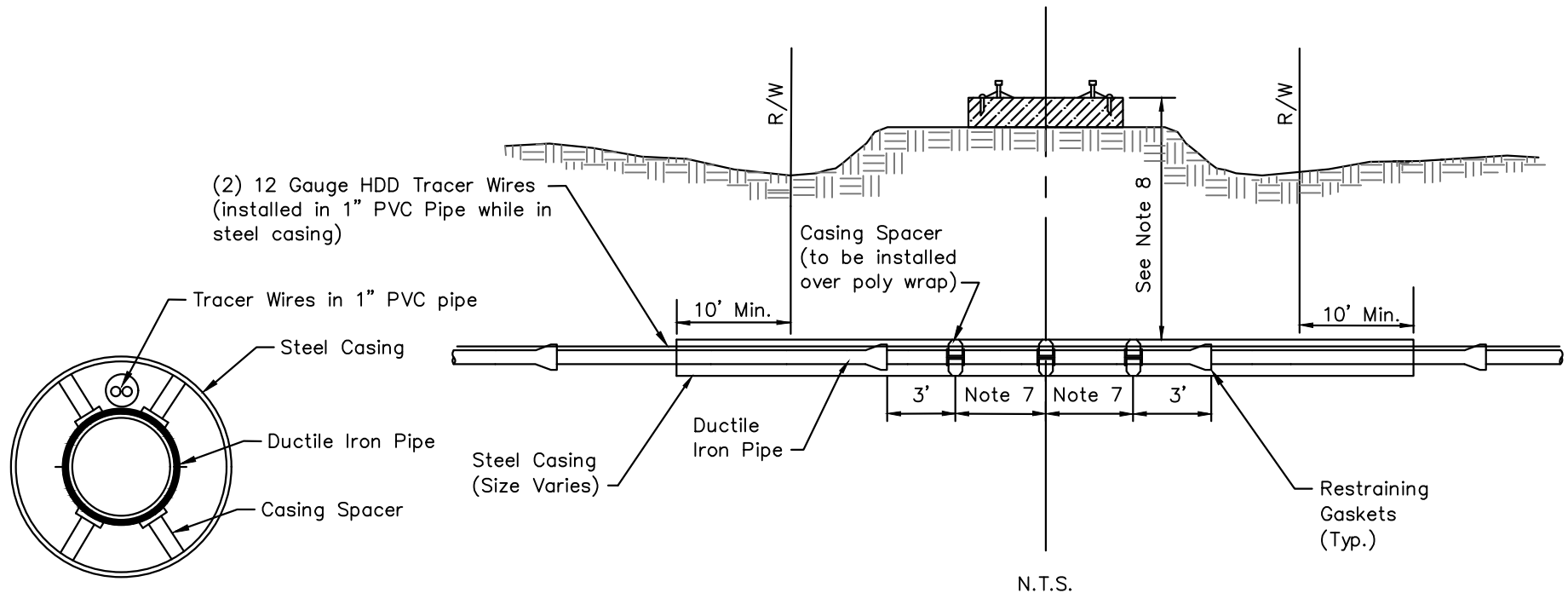


STREET WITH CURB

STREET WITHOUT CURB



NOTES:

1. CSX permit required for work under railway right-of-way.
2. All pipe installed within the casing shall be ductile iron or approved by City Engineering Department.
3. (2) 12 gauge HDD tracer wires will be used over D.I.P.
4. All pipes within casing to be restrained by restraining gaskets.
5. All materials to meet latest F.D.O.T. standards.
6. Approved casing spacers must be installed to keep pipe centered in casing.
7. Ends of casing must be sealed with bricks and cement to prevent infiltration of soil or by City of Clearwater Engineering Department's approved method.
8. Distance between Casing Spacers shall be 6' for 18' joints and 7' for 20' joints.
9. Distance from top of railway to top of casing shall be 5' min.
10. See also City of Clearwater's Technical Specification Section IV.

DATE	REVISION DESCRIPTION	APP

CITY OF CLEARWATER
ENGINEERING DEPARTMENT
POTABLE WATER
DETAILS

JACK AND BORE
UNDER RAILWAY DETAIL

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