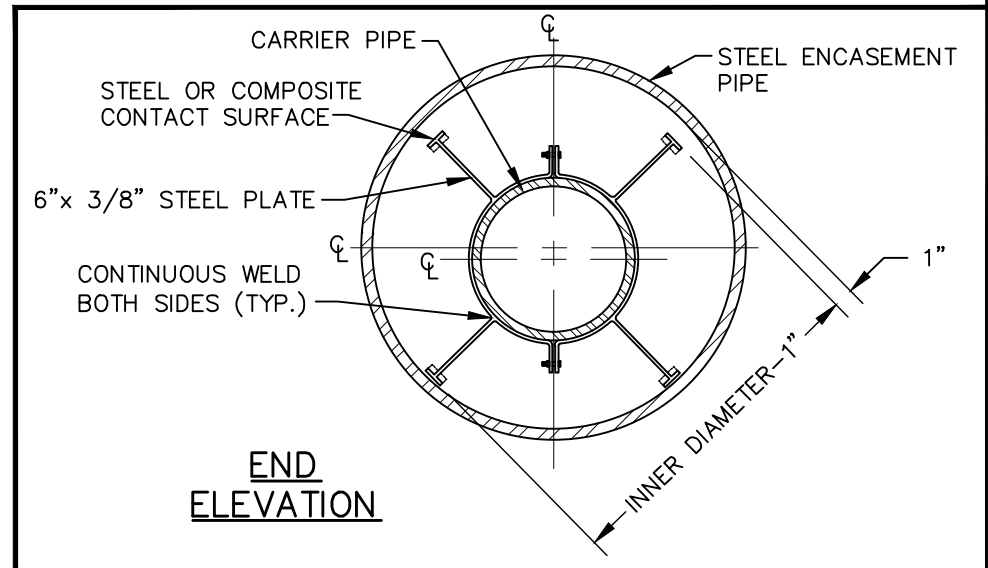


NOTES:

1. STEEL "SPIDERS" SHALL BE USED FOR SUPPORT OF THE CARRIER PIPE WITHIN THE CASING PIPE. FOR RAILROAD CROSSINGS WITH IMPRESSED CURRENT OR WITH ENCASEMENT PIPES REQUIRING CATHODIC PROTECTION, STEEL SPIDERS WITH EPDM OR COMPOSITE CONTACT SURFACES SHALL BE USED.
2. A MINIMUM SPACING OF 2 SPIDERS PER JOINT OF CARRIER PIPE SHALL BE REQUIRED.
3. THE SPIDERS SHALL BE SPACED EVENLY ALONG THE CARRIER PIPE SUCH THAT EACH SPIDER SUPPORTS THE SAME UNIT WEIGHT OF THE CARRIER MAIN.
4. THE PROPOSED ENCASEMENT PIPE & CARRIER PIPE SHALL COMPLY WITH ALL APPLICABLE TOC & OTHER JURISDICTIONAL REQUIREMENTS, WHICHEVER IS MORE STRINGENT.
5. NO BLASTING ALLOWED IN RAILROAD RIGHT-OF-WAY.



EFFECTIVE: 12/10/09

STEEL ENCASEMENT & CARRIER PIPE - UNDER RAILROAD

DETAIL No.

05000.03

SHEET 1 OF 1