

Ordinance Multi-Use Water Project

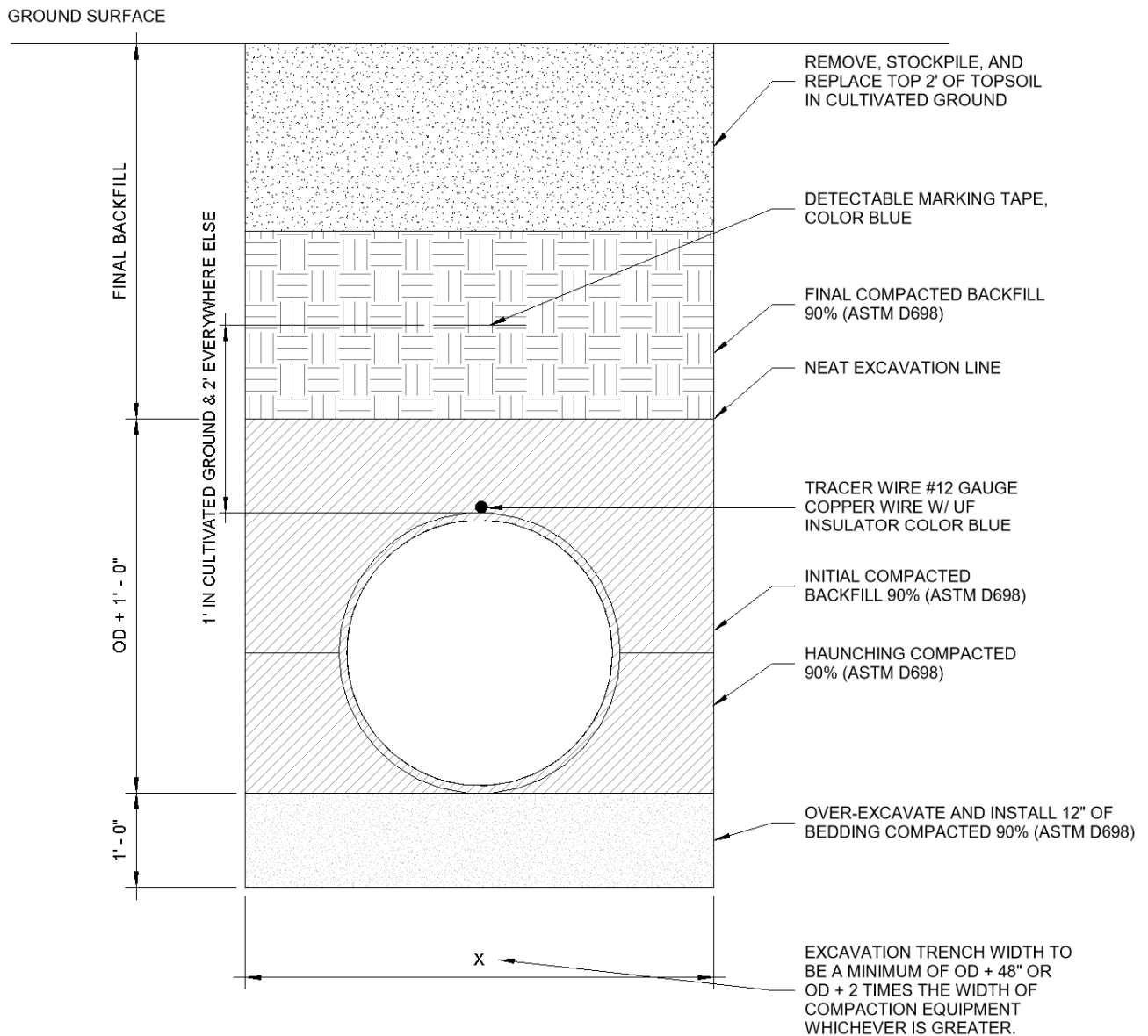
ITB-004 Requests for Information (RFI) – Fiberglass Pipe

2/24/23

- 1) RFI #1 – Can you confirm that Umatilla County will be receiving bids from contractors to perform the installation?
 - a) RFI #1 Response – Yes, Umatilla County will send out a separate ITB for the installation of the items listed in ITB-004.
- 2) RFI #2 – Please consider modifying these diameters and specify US pipes with Imperial dimensions of DN54 (inches) PN300 (psi) SN36 (psi) and DN42 (inches) PN150 (psi) SN36 (psi) instead. Using US pipe secures that the pipe ODs are in accordance with American Standards such as AWWA C950. This helps during operation and maintenance since appurtenances such as valves, flanges, tapping and repair sleeves, mechanical couplings, etc. are typically designed to match these pipe dimensions and are more readily available.
 - a) RFI #2 Response – IRZ has attempted in the past to procure imperial dimensioned FRP pipe but have almost always received bids back with metric dimensioning. Due to this all of the FRP pipe from 36” (900mm) to 63” (1,600mm) that has been installed locally has been metric pipe. In an effort to keep pipe within the region the same size we have determined that we should remain with metric pipe if possible. Therefore, we have reviewed your recommendation and will not be requiring the use of US pipes with imperial dimensions. We will approve DN54 (inches) PN300 (psi) SN36 (psi) as an equivalent to DN1300 (mm) PN20 (bar) SN5000 (pa) and DN42 (inches) PN150 (psi) SN36 (psi) as an equivalent to DN1100 (mm) PN10 (bar) SN5000 (pa).

3) RFI #3 – Please provide detail showing trench width and backfill design.

a) RFI #3 Response – See typical trench detail below.



4) RFI #4 – Since the project drawings don't show any reference to pipe restraining, please confirm that the joint system to bid, is non restrained and restraining will be constructed by a concrete thrust block (there's no detail for the concrete thrust blocks).

a) RFI #4 Response – All FRP joint systems shall be non-restrained. The installation Contractor will install concrete thrust blocks as required.

- 5) RFI #5 – The FRP flanges on the plan and profile sheets are called out at Class F flanges but the bid sheet calls out Class D flanges. Please clarify FRP flanges classes.
- a) RFI #5 Response – All FRP Flanges from station 26+40 out are to be Class D Flanges as indicated in the bid sheet.