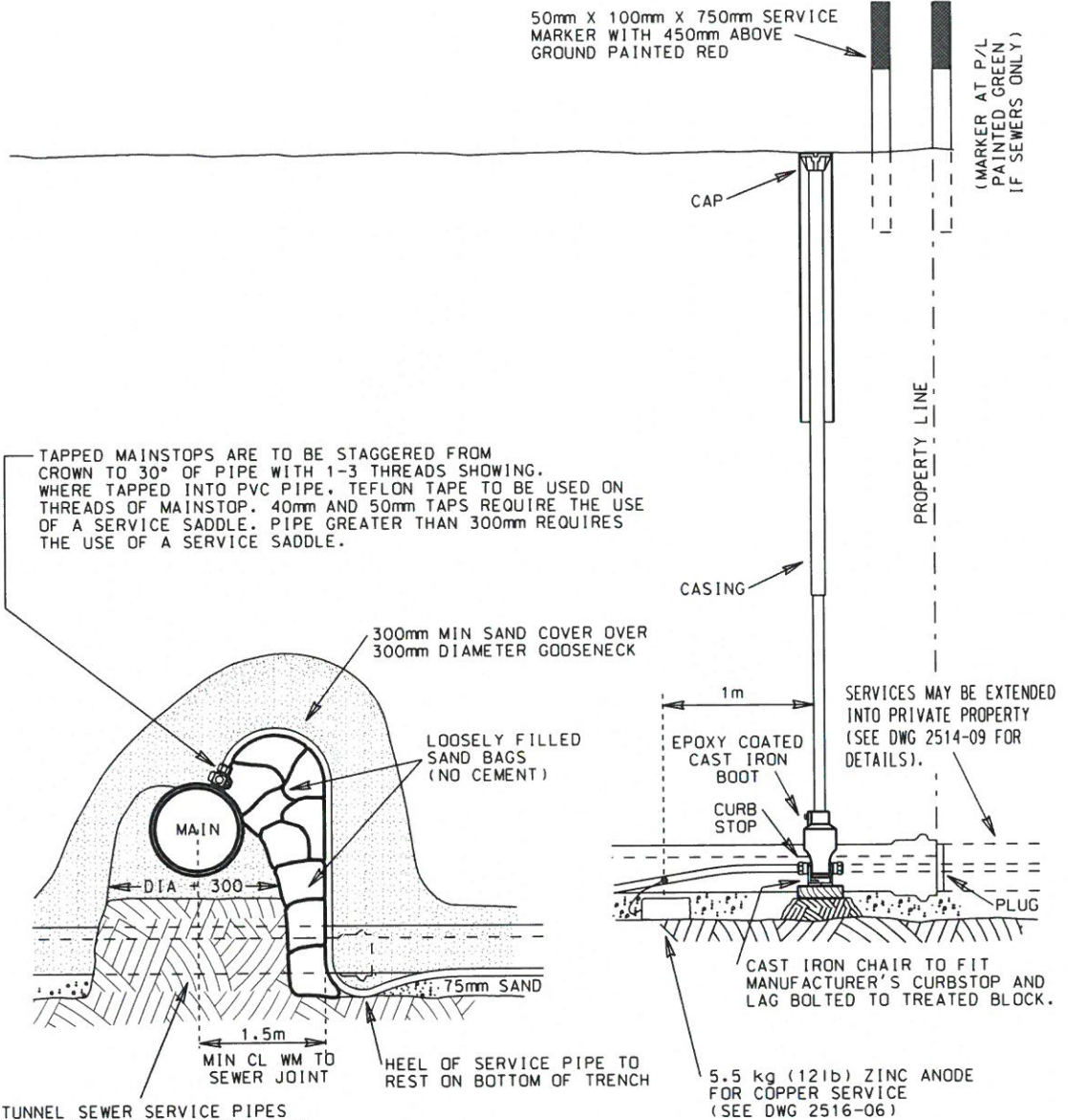


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TUNNEL SEWER SERVICE PIPES UNDER WATER MAIN TO MAINTAIN WATER MAIN SUPPORT (OR SAND BAG BRIDGE). ENSURE NO JOINTS WITHIN 1.5m OF CROSSING.

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
2. AN ADDITIONAL GOOSENECK IS REQUIRED AT EACH SEWER CROSSING.
3. MAINSTOP TAPS SHALL BE A MINIMUM OF 600mm APART, AND NO LESS THAN 600mm FROM A COUPLING OR COLLAR.
4. COPPER SERVICE PIPE SHALL BE ONE CONTINUOUS PIECE. SHOULD LENGTH EXCEED 20m, A DOUBLE UNION WILL BE ALLOWED AND SIZE OF COPPER SERVICE MUST BE 25mm MINIMUM.
5. INVERT ELEVATION OF WATER SERVICE PIPES AT PROPERTY LINE SHALL BE 2.59m BELOW ESTABLISHED FINISHED GRADE.
6. WHERE ENGINEER APPROVED COVER OVER WATER SERVICE TO BE LESS THAN 2.59m SERVICE IS TO BE INSULATED IN ACCORDANCE WITH DWG. 2511-08.
7. ZINC ANODE SHALL BE ATTACHED TO COPPER PIPE 1.0m FROM CC WITH AN ALL BRONZE (INCLUDING NUTS AND BOLTS) CLAMP OR APPROVED EQUIVALENT.
8. ZINC ANODE TO BE EMBEDDED INTO TRENCH WALL TO PROVIDE FOR MIN. 50mm OF NATIVE CLAY SURROUNDING ANODE.

50mm AND SMALLER COPPER WATER SERVICE

EPCOR

APPROVED
MARCH 2017

DRAWN BY
DV/CW

APPROVED

Susan Ol

SCALE
N T S

CHECKED BY
David M.

DIRECTOR, WATER DISTRIBUTION AND TRANSMISSION

DRAWING NUMBER

2514-01

REVISION 0