

WATERMAIN CONCRETE BED & SURROUND FOR USE IN TRAFFICKED AREAS MINIMUM COVER 0.9

WATERMAIN TRENCH AND BEDDING DETAILS FOR USE IN TRAFFICKED AREAS WITH MINIMUM COVER

WATERMAIN TRENCH AND BEDDING DETAILS FOR USE IN NON TRAFFICKED AREAS MINIMUM COVER 0.9m

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6. BEDDING MATERIAL FROM TRENCH FORMATION TO PIPE CROWN LEVEL SHALL BE WELL COMPACTED IN 150mm LAYERS. BEDDING MATERIAL FROM PIPE CROWN TO 300mm ABOVE CROWN SHALL BE LIGHTLY COMPACTED BY HAND IN 75mm LAYERS.

TRENCH FILL MATERIAL SHALL COMPLY WITH CLAUSE 601, TABLE 6/1 OF THE NRA SPECIFICAT ORKS AND SHALL BE READILY COMPACTABLE MATERIAL FREE FROM TREE ROOTS, VEGETABLE JILDING RUBBISH, FROZEN SOIL, CLAY LUMPS EXCEEDING 75mm AND STONE EXCEEDING 25mm N

TION FOR ROAD E MATTER, JOMINAL

IN WET FINE-GRAINED SOILS THE MIGRATION OF FINE SOIL PARTICLES INTO THE VOIDS OF THE BEDDING IS TO MINIMISED BY SURROUNDING THE GRANULAR MATERIAL WITH A GEOTEXTILE FILTER, COMPLYING WITH AUSE 517 OF THE NRA SPECIFICATION FOR ROAD WORKS.

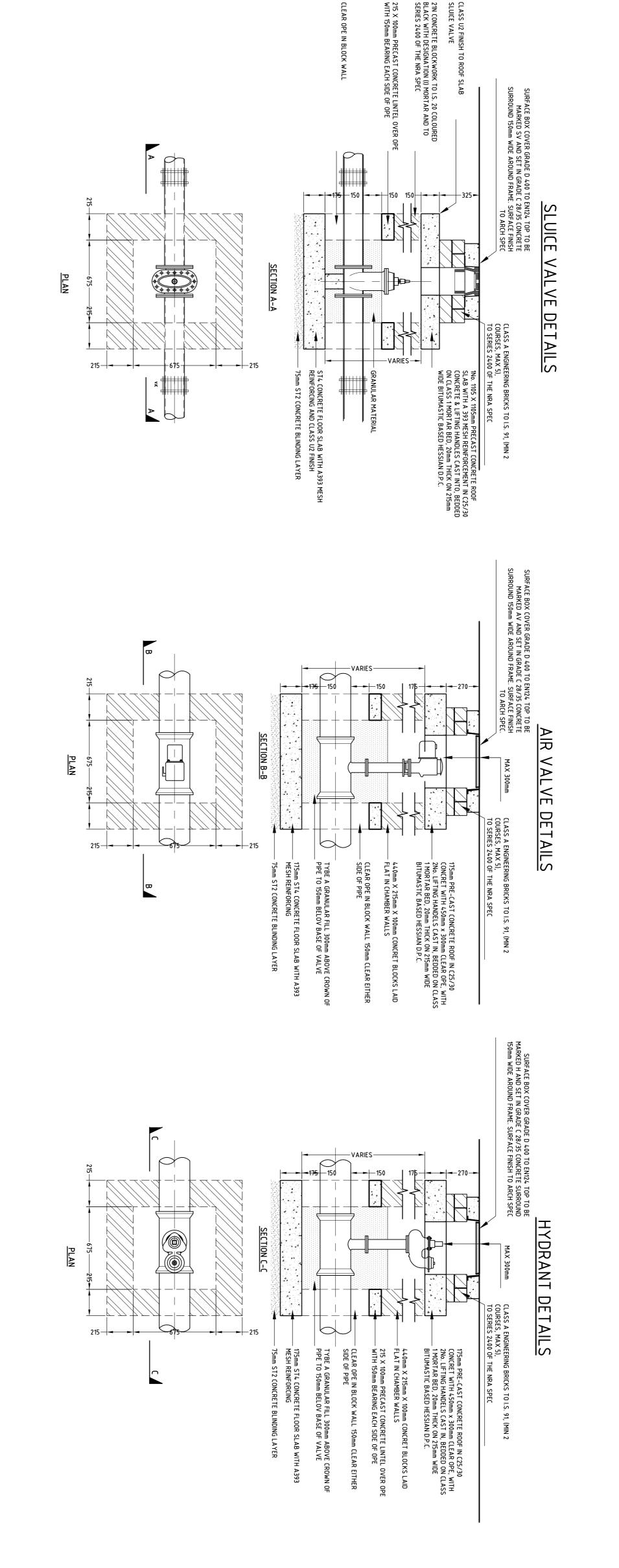
2. SAND PIPE BEDDING LAYING AND SUR FOR ROADWORKS.

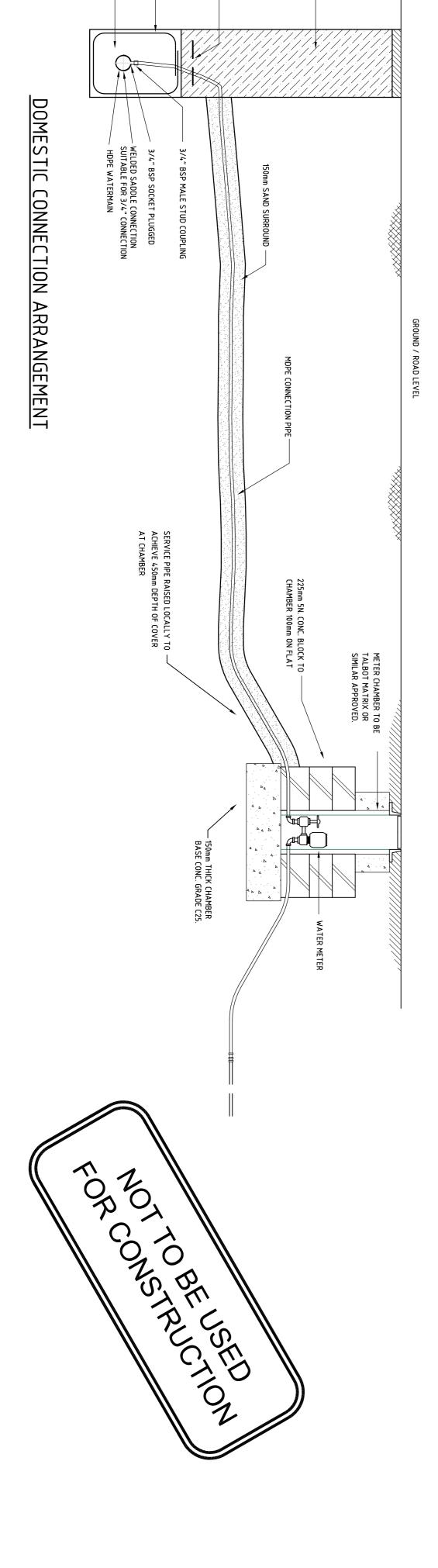
SHALL COMPLY WITH CLAUSE 503 OF THE NRA SPECIFICATION

3. DIMENSION 'Y' SHALL BE: DD/4 WITH A MINIMUM OF: 200mm DEPTH FOR PIPELINES IN ROCK 150mm DEPTH FOR PIPELINES IN UNIFORM SOILS AND

<u>NOTES:</u> 1. TRENCH SIDES SHALL BE VERTICAL FROM BOTTOM OF TRENCH TO AT LEAST 300mm OVER CRO' WHERE THE DEPTH OF COVER OVER THE PIPE BARREL EXCEEDS 2100mm THE LEVEL TO A HEIGHT OVER PIPE BARREL. TRENCH WIDTH SHALL BE RESTRICTED TO 2100 FROM FORMATION.

)WN OF PIPE. 「OF 300mm





CLAUSE 804 BACKFILL MATERIAL COMPACTED IN LAYERS AS PER SPECIFICATION

CENTRELINE CHAINAGE TACTILE PAVING AT CROSSINGS GREY OF BUFF BLISTER ROADS LEGEND ROPOSED CENTRE LINE OPOSED KERB LINE OPPED KERBS OSED ROAD NO OSED ROAD LEVEL DSED FINISHED FLOOR LEVEL ROAD 1 55.40 15.00

EXISTING COMBINED SEWER & MANHOLE EXISTING STORM SEWER & MANHOLE EXISTING FOUL SEWER & MANHOLE PROPOSED COMBINED SEWER & MANHOLE DRAINAGE LEGEND
PROPOSED FOUL SEWER & MANHOLE __ RIVATE FOUL DRAIN AND DRAIN & CATCHPIT ROPOSED ROAD GULLY RIVATE STORM DRAIN ROPOSED STORM SEWER & MANHOLE RECTION OF FOUL FLOW ECTION OF STORM FLOW CP2 FWIC (FOUL WATER IC)
100MM PVC @ 1:40 MAX
100MM PVC @ 1:40 MAX f F4(Ex) S17(Ex) S17(Ex)

WATERMAIN LEGEND

100mm NOMINAL BORE - PE80 SDR17
150mm NOMINAL BORE - PE80 SDR17
EXISTING WATERMAIN
SLUICE VALVE
FIRE HYDRANT
AIR VALVE
SCOUR VALVE 12mm NOMINAL BORE PRIVATE WATERMAIN WITH A TALBOT MATRIX BOUNDARY BOX

STOP MARKING (M 114) STOP SIGN (RUS 027) ALL MARKINGS AND SIGNS TO BE IN ACCORDANCE WITH DOT TRAFFIC SIGNS MANUALS CHAPTERS 5, 7, & 10. L1 = 200MM THICK CONTINUOUS WHITE (RRM 017)
L2 = 100MM THICK CONTINUOUS WHITE (RRM 001)
L3 = 100MM THICK DOUBLE CONTINUOUS YELLOW

LINE MARKING

1. ALL HOUSE DRAINS TO BE 100mmø.
2. LOCAL DRAINS TO RUN AT A GRADIENT OF 1/40 UNLESS OTHERWISE NOTED.
3. DOUBLE GULLIES TO BE PROVIDED AT ALL ROAD SAG CURVES & CUL DE SACS WHERE INDICATED. SEPARATE CONNECTIONS 150mm DIA. SHALL BE PROVIDED FOR EACH GULLY. NO GULLEY SHALL BE MORE THAN 10m FROM A SURFACE WATER CONNECTION.
4. HOUSE DRAINS SHALL NOT PASS THROUGH A PROPERTY THEY DO NOT SERVE.
5. FOR SEWER LONG SECTIONS SEE DRAWING'S 130 SERIES.
6. FOR ROAD CONSTRUCTION DETAILS SEE DRG'S. 150 SERIES.
7. FOR DRAINAGE CONSTRUCTION DETAILS SEE DRG'S 170 SERIES.
8. FOR WATERMAIN CONSTRUCTION DETAILS SEE DRG'S 170 SERIES.

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