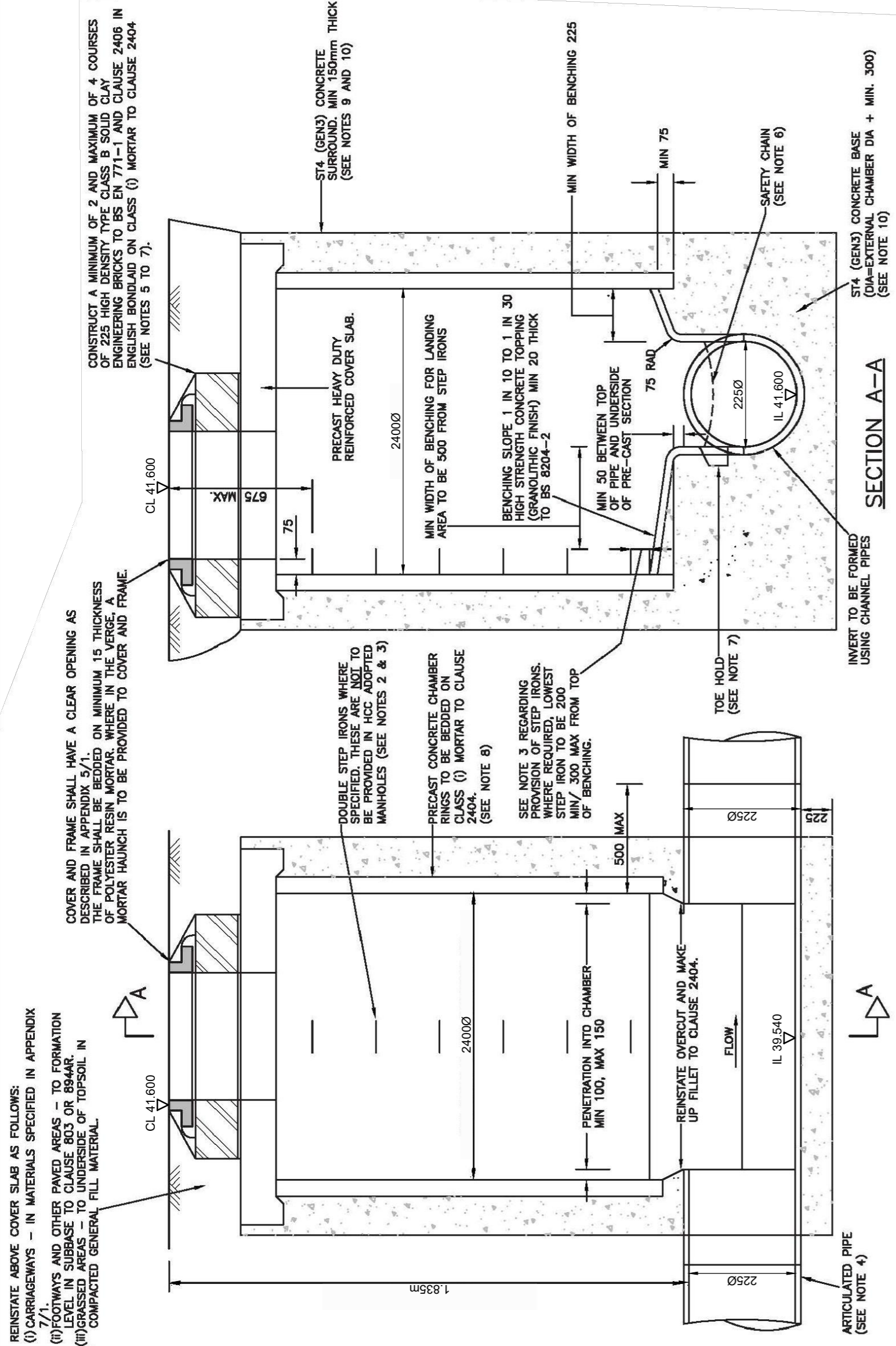


NOTES:

- All dimensions to be checked on site. All details and dimensions to be agreed between the Engineer, the Contractor and the main Contractor.
- This drawing is to be read in conjunction with all relevant Architects and Engineer's drawings and specifications.
- The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.
- Any information given regarding existing underground services is given in good faith after consultation with the relevant authority. No liability is accepted by the consultant and the main Contractor is responsible for the location, depth and status of any services and any damage to them whilst undertaking the works.

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES.
- CHAMBER RINGS, COVER SLAB AND MANHOLE STEPS ALL SPECIFIED, MANHOLE STEPS (SEE NOTE 3) ARE TO BE CAST IN PLACE AT THE FACTORY.
- FOR MANHOLES TO BE INSTALLED BY OTHERS, THE REQUIREMENTS REGARDING THE PROVISION OF STEP IRONS/LADDERS ARE CONTAINED IN APPENDIX 5/1, TABLE 5/1 AND 'SEWERS FOR ADOPTION' OTHERWISE, STEP IRONS AND LADDERS ARE NOT TO BE INSTALLED.
- ALL APPLICABLE CONNECTIONS TO THE CHAMBER SHALL HAVE AN ARTICULATED SECTION (ROCKED JOINT) WITH JOINT AS SHOWN IN THE DRAWING. THE LENGTH OF THE JOINT SHALL BE AS SHOWN IN TABLE 2 ON THIS DRAWING.
- IF THE CHAMBER IS TO BE TRAFFICKED WITHIN 48 HOURS OF CASTING, THE JOINT SHALL BE REINFORCED WITH A CONTINUOUS OR POLYESTER RESIN MORTAR SHALL BE USED.
- PROPRIETARY PRECAST CONCRETE ADJUSTING UNITS MAYBE USED IN LIEU OF BRICKWORK. ONLY TWO-PIECE UNITS THAT COMPLY WITH BS EN 1917 AND BS 5911-3 SHALL BE USED.
- ALL PROPRIETARY PRECAST CONCRETE ADJUSTING UNITS SHALL BE CAST WITH A MINIMUM OF 75 THICK POLYESTER RESIN MORTAR TO CLAUSE 2801.
- FOR REQUIREMENTS REGARDING THE PROVISION OF SAFETY CHAINS REFER TO APPENDIX 5/1, TABLE 5/1 AND 'SEWERS FOR ADOPTION'.
- SELF-CLEANING TOE HOLDS ARE TO BE PROVIDED WHERE THE CHANNEL IS GREATER THAN 800 WIDE.
- THE LIFTING EYES IN PRECAST CONCRETE RINGS ARE TO BE POINTED WITH CLASS (0) MORTAR TO CLAUSE 2404.
- ALL CEMENT USED IN INSTITU CONCRETE SHALL BE CII/A OR B AND ALL CLIT A OR B TO BS 5800-2; TABLE 1 AND TABLE 2 OF BS EN 12620.
- THE SURFACE OF EACH JOINT OF THE CONCRETE BENCHING SHALL EXCEED PRODUCE IS TO BE A MINIMUM OF 150 BETWEEN ANY CONCRETE CONSTRUCTION JOINT AND A JOINT IN THE PRECAST MANHOLE SECTIONS.
- THE CONTRACTOR IS TO PROVIDE TEMPORARY WORKS DETAILS AND A METHOD STATEMENT FOR APPROVAL BY THE MAIN CONTRACTOR'S SUPERVISOR AT LEAST 2 WEEKS PRIOR TO CONSTRUCTION.

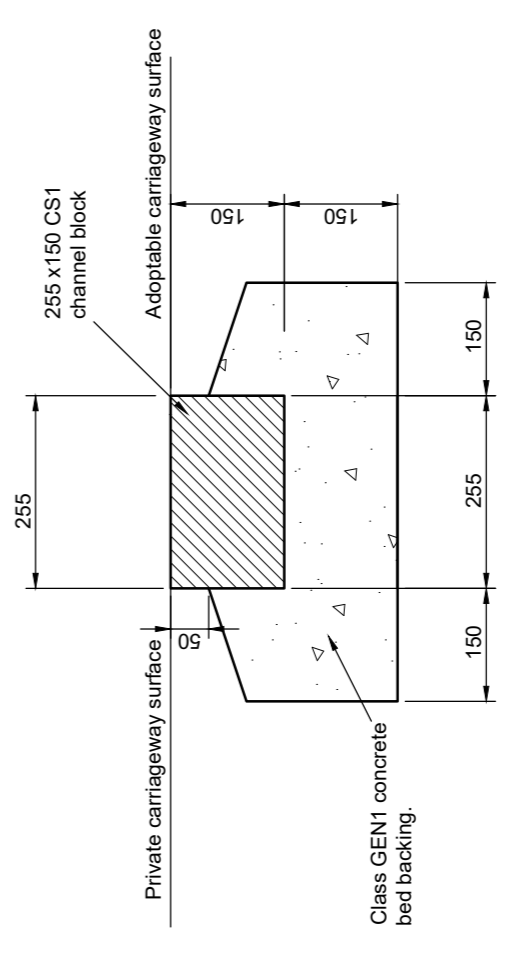


**PHASE 2 ROAD STORAGE MANHOLES
HCC PRECAST CONCRETE RING MANHOLE TYPE M2Y**
(Scale 1:20)

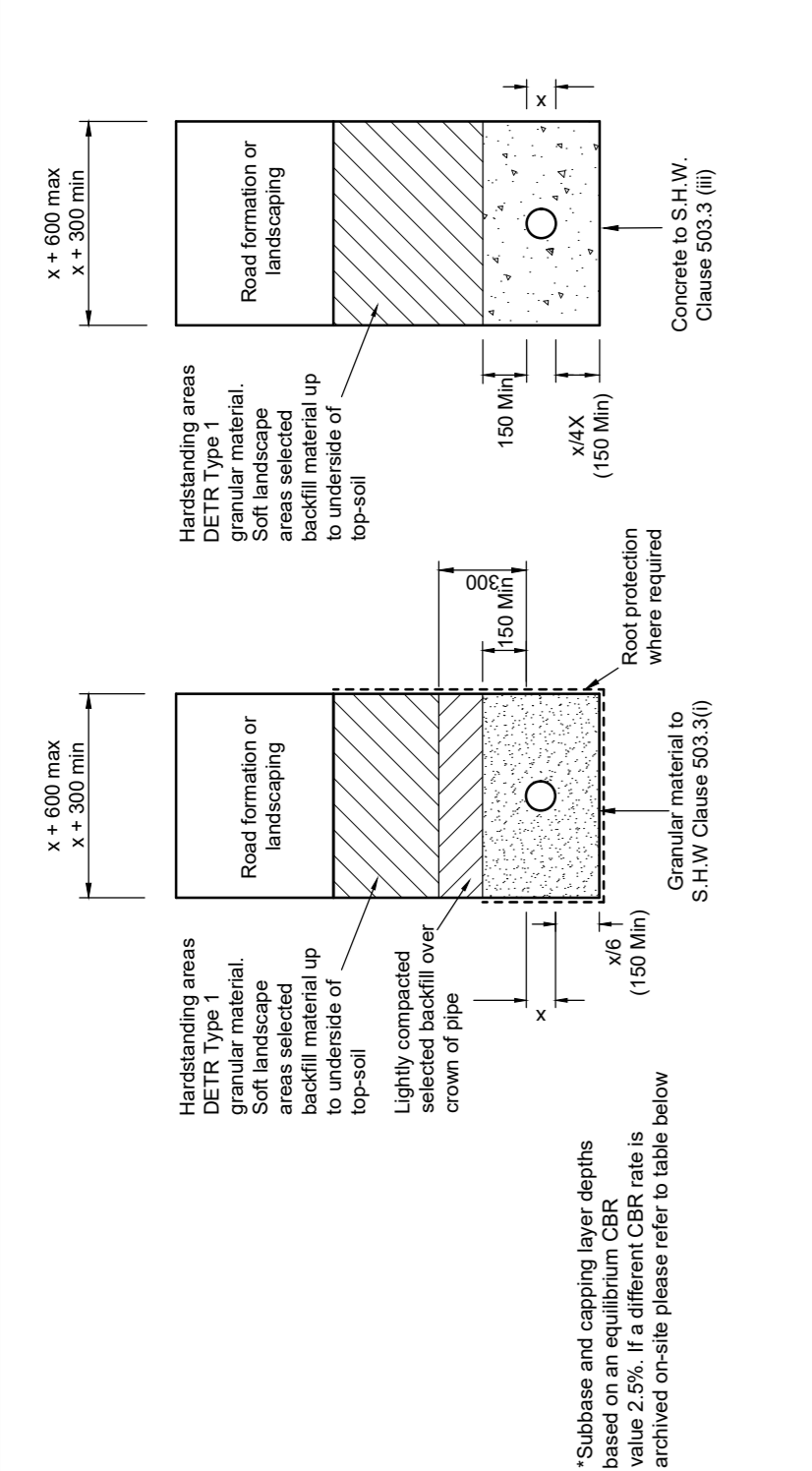
Detail Reference	Detail Title	Detail Type
HCC11C/010	Precast Concrete Kerbs	PC1
HCC11C/010	Precast Concrete Kerbs	PC3
HCC11C/010	Precast Concrete Kerbs	PC4
HCC11C/045	Footways	Type 1A
HCC11C/060	Uncontrolled Pedestrian Crossing	Type 2
HCC11C/100	Road Hump	Type 1
HCC11C/135	Wooden Dragons Teeth and Bollards	Type DT1
HCC11C/155	Traffic Sign Post Foundations	Type A
HCC11D/015	Gully	Type 1
HCC11D/040	Catchpit	Type C2B
HCC11D/045	Manhole	M2Z
HCC11D/045	Manhole	M2Y
HCC11D/055	Manhole	M3A
HCC11D/055	Manhole	M3B
HCC11D/065	Manhole	M5
HCC11D/095	Headwall	Type 3
HCC11D/105	Headwall	Type 5
HCC11C/150	Timber Post and Rail Fence	3 Rail Fence
HCC11M/040	Typical Vehicle Crossing in Existing Footway	Type 1B

Hampshire Standard Details List

NOTE: Standard details reference refer to Hampshire County Council Highway Construction Standard Details - Series 11



DEMARCATON CHANNEL BLOCK CS1
(Scale 1:10)

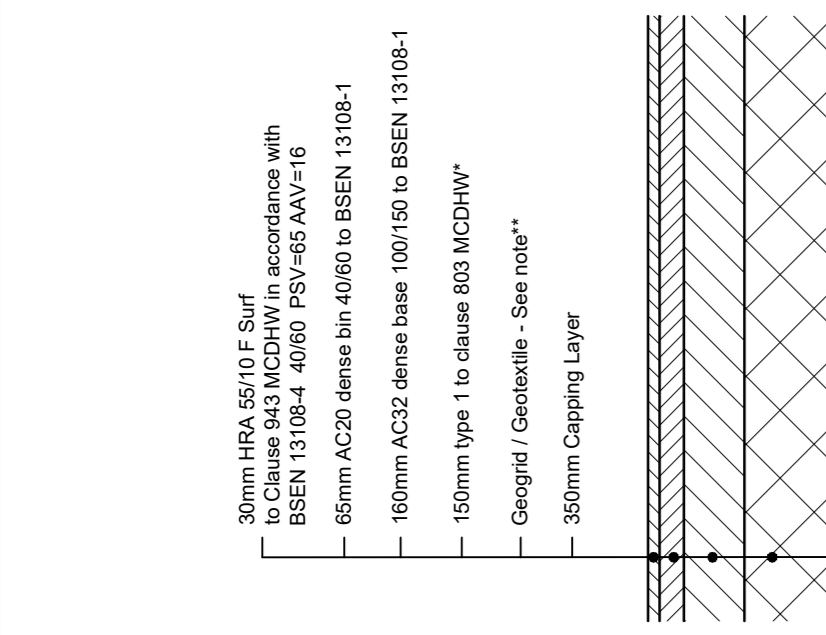


CLASS S PIPE BEDDING
SOFT LANDSCAPE AREAS OR COVER > 1.2m
(Scale 1:25)

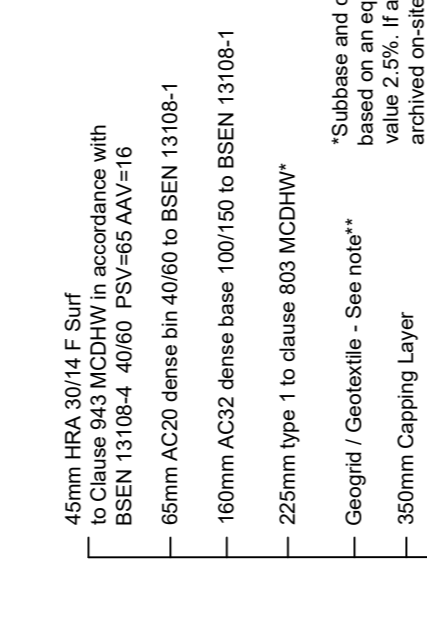
CLASS Z PIPE BEDDING
COVER 0.9m TO 1.2m IN VEHICULAR LOADING
(Scale 1:25)

ADOPTABLE PIPE BEDDING DETAILS

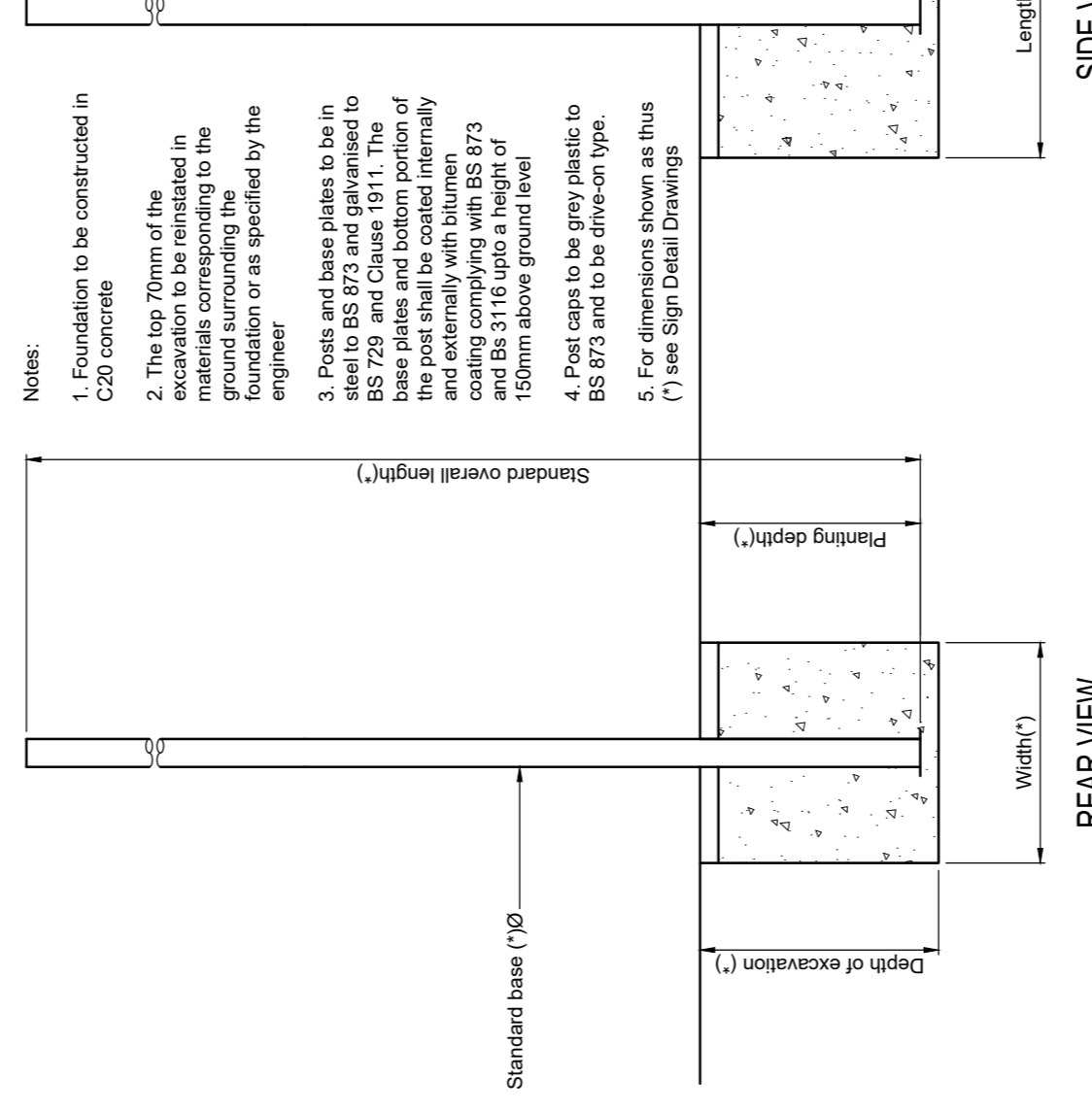
NOTE: Contractor to obtain CBR values as soon as possible to confirm design of Subbase and Capping thicknesses. A minimum non-frost susceptible 450mm construction depth is required for all subbase and capping. The subbase CBR value should be increased to 2.5% if the subbase is Type 1 subbase should be increased to 2.25mm with no capping as per the table. For the Phase 2 Section 39 application, CBR tests are to be undertaken every 15m down the centre of the road. **Capped to be used in pavement construction within 10m of where trees have been cut down and/or where trees are to be planted or retained. ***Minimum 1000 geotextile required both in areas without geogrid which have CBR values are less than 2%.



TYPE A - HEAVY DUTY ADOPTABLE HRA CARRIAGEWAY
(Scale 1:20)

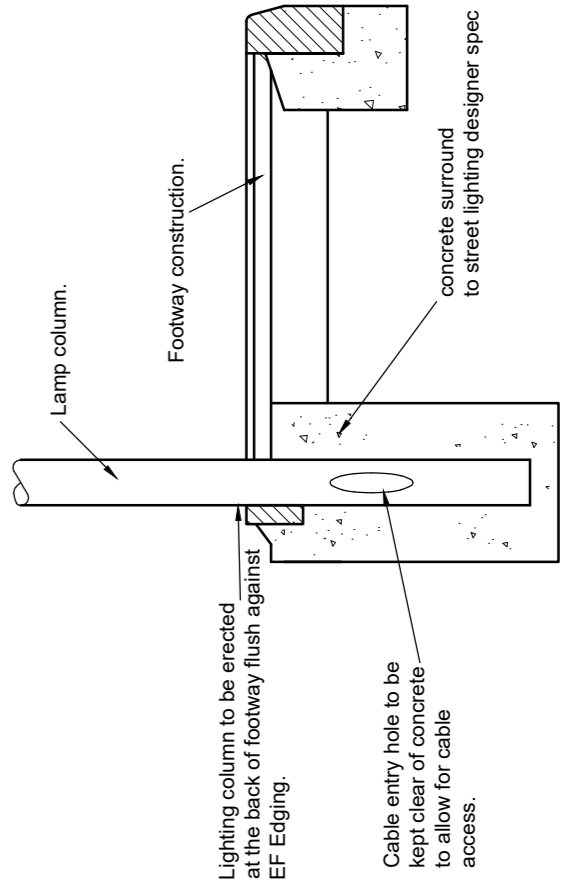


TYPE B - HEAVY DUTY ADOPTABLE HRA CARRIAGEWAY
(Scale 1:20)

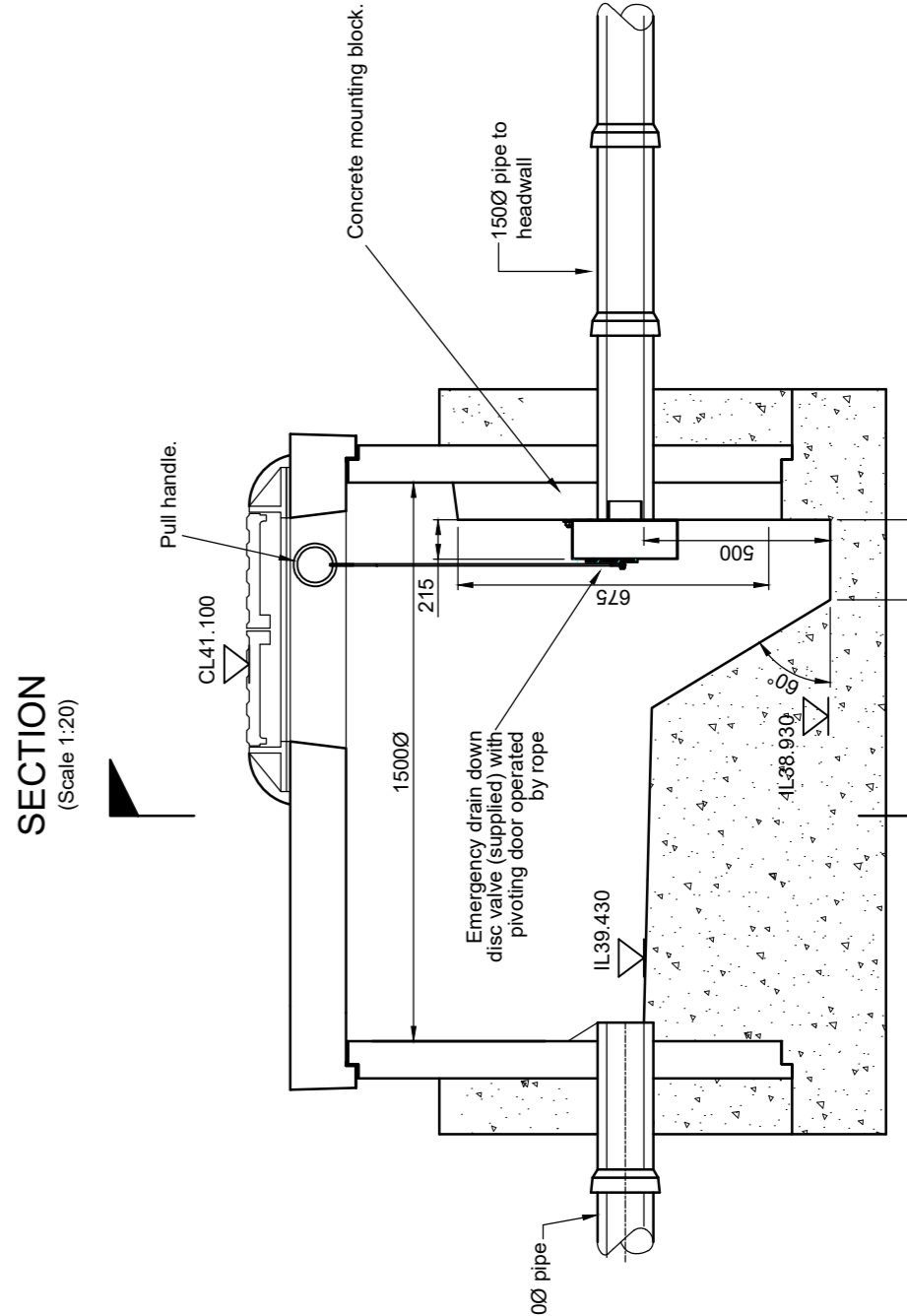


STANDARD BASE SIGN POST AND FOUNDATION DETAIL
(Scale 1:20)

- Notes:**
- Foundation to be constructed in C20 concrete
 - The top 70mm of the excavation to be reinstated in materials corresponding to the ground surrounding the excavation or as specified by the engineer.
 - Posts and base plates to be in accordance with BS 729 and BS 729 and Clause 19.11. The base plates and bottom portion of the post shall be coated internally with a protective epoxy resin coating complying with BS 873 and BS 3116 up to a height of 150mm above ground level.
 - Post caps to be grey plastic to BS 873 and to be drive-on type.
 - For dimensions shown as thus (*) see Sign Detail Drawings



ADOPTABLE STREET LIGHTING POSITION DETAIL
(Scale 1:20)



HYDROBRAKE MANHOLE HMA028
(Not to Scale)

FOR APPROVAL

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Ganger Farm
Romsey, Hampshire

Construction Details
Section 38
Phase 2 Road

DATE: July 2022
PROJECT NO: 22214
CHECKED: SM
SCALE: 511

As Shown @ A1