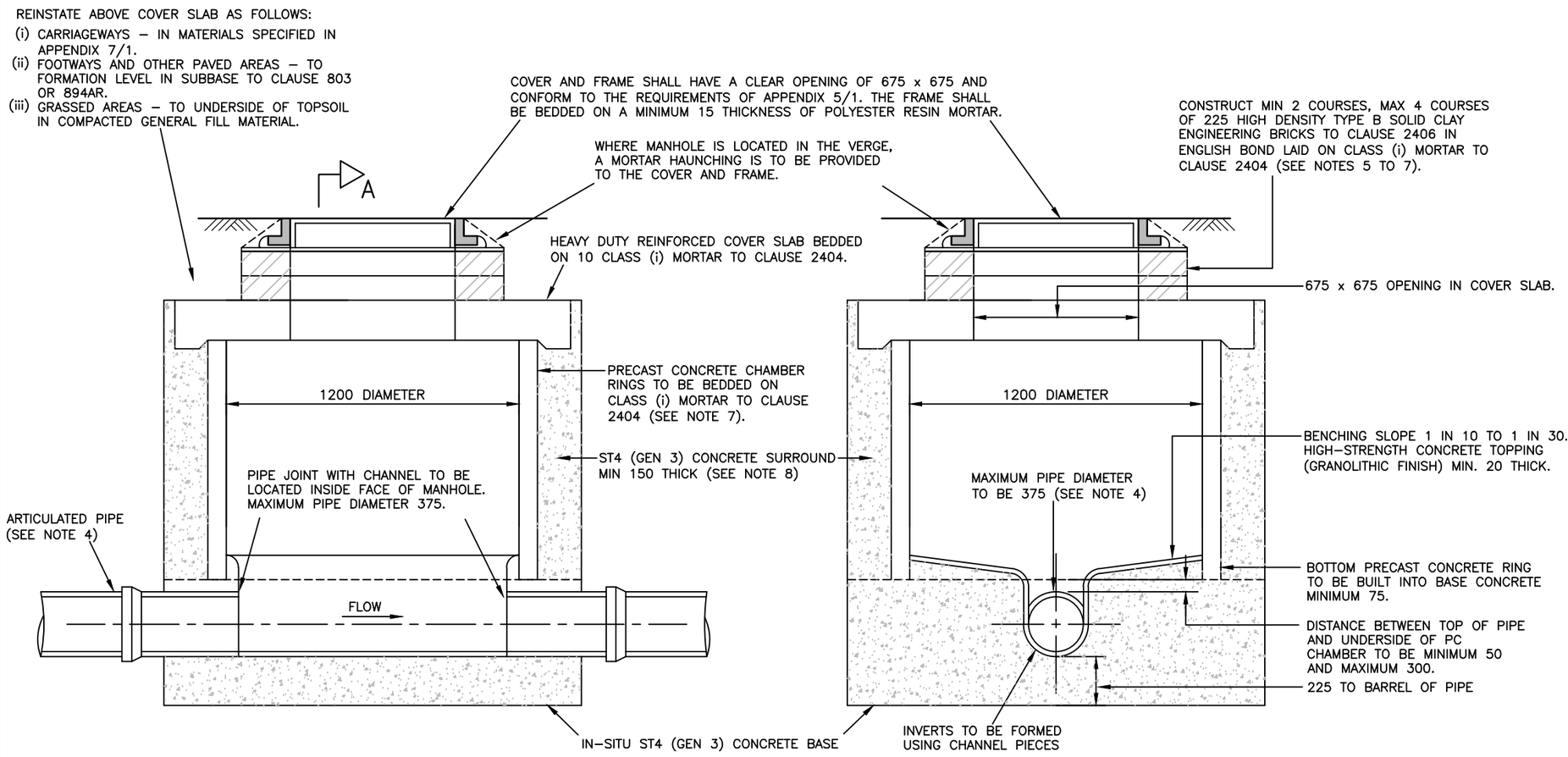

SECTION A–A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. CHAMBER RINGS, COVER SLAB AND MANHOLE STEPS ALL TO BS 5911–3, BS EN 1917 AND BS EN 13101. WHERE SPECIFIED, MANHOLE STEPS (SEE NOTE 3) ARE TO BE FITTED AT THE FACTORY.
3. FOR MANHOLES TO BE ADOPTED BY OTHERS, THE REQUIREMENTS REGARDING THE PROVISION OF STEP IRONS ARE CONTAINED IN APPENDIX 5/1. OTHERWISE, STEP IRONS ARE NOT TO BE INSTALLED
4. THIS TYPE OF MANHOLE SHALL ONLY BE USED FOR PIPE DIAMETERS UP TO 375. ALL PIPES CONNECTING TO THE CHAMBER SHALL HAVE AN ARTICULATED SECTION (ROCKER PIPE) WITH A JOINT AS CLOSE AS POSSIBLE TO THE CHAMBER TO PERMIT SUBSEQUENT MOVEMENT. THE LENGTH OF ARTICULATED PIPES SHALL BE 600.
5. IF THE CHAMBER IS TO BE TRAFFICKED WITHIN 48 HOURS OF BRICKWORK CONSTRUCTION A RAPID HARDENING CEMENTITIOUS OR POLYESTER RESIN MORTAR SHALL BE USED.
6. 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.
7. ALL PROPRIETARY PRECAST CONCRETE ADJUSTING UNITS SHALL BE BEDDED ON MINIMUM 15 THICK POLYESTER RESIN MORTAR TO CLAUSE 2601.
8. THE LIFTING EYES IN PRECAST CONCRETE RINGS ARE TO BE POINTED WITH CLASS (i) MORTAR TO CLAUSE 2404.
9. ALL CEMENT USED IN INSITU CONCRETE SHALL BE CII(A OR B)–S OR CIII A OR B TO BS 8500–2, TABLE 1 AND ANNEX A.
10. IF THIS MANHOLE IS TO BE ADOPTED BY OTHERS, APPROVAL FOR ITS INSTALLATION MUST BE OBTAINED FROM THE RELEVANT AUTHORITY.
11. THE CONTRACTOR IS TO PROVIDE TEMPORARY WORKS DETAILS AND A METHOD STATEMENT FOR APPROVAL BY THE OVERSEEING ORGANISATION AT LEAST 2 WEEKS PRIOR TO CONSTRUCTION.

REV	AMENDMENTS	DATE	CAD	CHKD	APPD

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SCHEME

STANDARD DETAILS

DRAWING TITLE

MANHOLE TYPE M5 (PRECAST CONCRETE, DEPTH EXCEEDING 1.0m BUT NOT 1.5m)

HCC CADplot: 24.Mar.2020 at 11:18am

DRAWN	CHECKED	SCALE @ A3
MC	JPR	N.T.S
CAD	**APPROVED**	**DATE**
MC	CDP	Jan. 2020
DRG No.		**REVISION**
HCC11/D/065		

HCC CADplot: K:\Eng\Standard AutoCAD\Standard Details (Square) As Updated Dec 2011\HCC11 2020 STANDARD DETAILS\D Series\D 065.dwg