

Appendix C

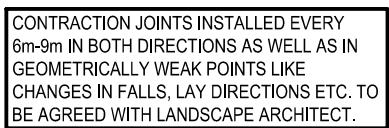
Construction Build-Ups



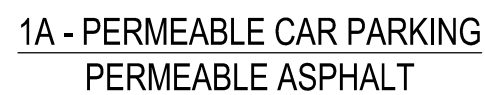
60mm ASPHALT BASE COURSE TO BS7533-101:2021 CLAUSE 5.2
AC 32 DENSE (100/150) CONFORMING TO BS EN 13109-1 TO BE
INCORPORATED ABOVE SUB BASE FOR 1B AREAS SUBJECT TO
VEHICULAR OVERRUN BY MEMP, AS PER MAINTENANCE
STRATEGY



8mm COMPRESSIBLE MATERIAL
WITH SEALANT TO LANDSCAPE
ARCHITECTS SPECIFICATION



TYPICAL CONTRACTION JOINT



1A - VEHICULAR ACCESS & CAR PARKING
HOT ROLLED ASPHALT

POROUS SURFACING (WITH ACRYLIC IF REQUIRED) TO LANDSCAPE ARCHITECT DETAILS



NOTE:

1. SPORTS PITCHES TO BE TO SPORT ENGLAND STANDARDS.
2. DISCHARGE FROM SPORTS PITCH LIMITED TO 5L/s (PER PITCH).
3. OPEN GRADED STONE ATTENUATION LAYER TO BE PROVIDED. DEPTH TO BE CONFIRMED.
4. SPORTS PITCHES TO BE WRAPPED IN AN APPROPRIATELY GRADED IMPERMEABLE MEMBRANE, IN ACCORDANCE WITH UU REQUIREMENTS
5. ALL SPORTS PITCH DETAILS TO BE CONFIRMED BY SPECIALIST CONTRACTORS.

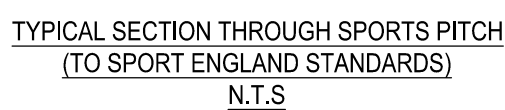


1D - PLAYGROUND & PEDESTRIAN FOOTPATH

BUILD-UPS FOR ISOLATED IMPERMEABLE PARKING BAYS TO BE THE ABOVE MATERIALS BUT SURFACE COURSE TO BE 30mm, UNDER COURSE TO BE 80mm AND SUB-BASE TO BE 225mm THICK.



*IF FOOTPATH TO ENCOUNTER REGULAR USE BY VEHICLES, BINDER COURSE TO BE REDUCED TO 50mm, WITH THE ADDITION OF A 75mm THICK AC BASE COURSE



- NOTE:
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CBR VALUE	SUB-BASE ONLY (mm)	SUB-BASE ON CAPPING	
		SUB-BASE (mm)	CAPPING (mm)
2.50%	450	350	250
3	415	325	240
4	365	275	225
5	325	245	210
6	310	230	205
7	290	215	190
8	270	200	185
9	255	185	180
10	245	175	175
11	235	170	165
12	225	165	160
13	220	160	155
14	210	155	150
>15%	200	150	145

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1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM.
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH SPECIFICATIONS TO ARCHITECTS' HARD LANDSCAPE PLAN DRAWING - 01-XX-CDR-9-10013
5. THE ARCHITECT IS TO SPECIFY FINISHED SURFACE MATERIAL, UNLESS THIS COMES WITH PLANNET DETAILS SHOWN ON 01-XX-CDR-9-10013 AND THE REQUIREMENTS OF BS 7533.
6. THE ARCHITECT IS TO SPECIFY THE LEVELS AND FALLS REQUIRED.
7. PAVING AND KERB TYPES ARE TO ARCHITECT SPECIFICATION.
8. PAVING NOT TO BE TRAFFICKED UNTIL ANY CSBM HAS ACHIEVED ITS 28 DAY STRENGTH.
9. ALL MATERIAL WITHIN 450MM OF THE ROAD SURFACE SHOULD BE NON FROST SUSCEPTIBLE.
10. SUB-BASE TO TYPE 1 IN ACCORDANCE WITH CLAUSE 803 OF THE SHW.
11. JOINT WIDTHS TO BE CONFIRMED BY THE LANDSCAPED ARCHITECT. PROPRIETARY MORTAR JOINTS (STENTEC TUFFBOND) JOINING MORTAR JOINTS ACHIEVING A MINIMUM COMPRESSIVE STRENGTH OF 40N/mm2 LAYING TO BE CARRIED OUT AS MANUFACTURERS REQUIREMENTS.
12. BEDDING MORTAR THICKNESS TO BE AS SPECIFIED. PROPRIETARY BINDER (STENTEC TUFFBED 2 PACK BEDDING MORTAR) TO ACHIEVE A MINIMUM COMPRESSIVE STRENGTH OF 40N/mm2 LAYING TO BE CARRIED OUT AS MANUFACTURERS REQUIREMENTS.
13. STENTEC TUFFBOND PRIMING MORTAR TO BE APPLIED TO THE UNDERSIDE OF THE PAVING SETTS AND ANY CSBM BASE TO ENSURE A GOOD BOND.
14. WHEN PREPARING FORMATIONS, ALL SOFT SPOTS SHALL BE REMOVED. THE FINAL SURFACE OF ALL FORMATIONS SHALL BE WELL ROLLED, SMOOTH, FREE FROM MOVEMENT UNDER COMPACTION PLANT AND FREE FROM RIDGES, CRACKS, SETTLINGS, POLES OR OTHER DEFECTS. TO BE APPROVED BY CLERK OF WORKS
15. CBR'S TO BE TAKEN AT REGULAR INTERVALS ACROSS THE SITE TO BE AGREED WITH THE ENGINEER PRIOR TO COMMENCEMENT OF PAVING WORKS.

C06	MUGA DETAIL REVISED	EH	DN	27/07/21
C05	FLAG ON EDGE DETAIL ADDED	EH	DN	11/07/21
C04	SPORT PITCH BUILD UP ADDED	EH	DN	27/05/21
C03	MUGA BUILD UP REVISED	EH	DN	25/05/21
C02	1B PEDESTRIAN BUILD-UPS REVISED	EH	DN	10/05/21
C01	CONSTRUCTION ISSUE	NC	DN	03/03/21
-	FIRST	EW	LJ	30/04/20

REVISION	DESCRIPTION	DRAWN	CHECKED	DATE
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PROJECT TITLE
HYDE ROAD SCHOOL

ROP JOB NUMBER P3001502	ISO 27001 CLASSIFICATION COMMERCIAL IN CONFIDENCE
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DRAWING TITLE		SCALE
CONSTRUCTION BUILD UPS		As noted @ A

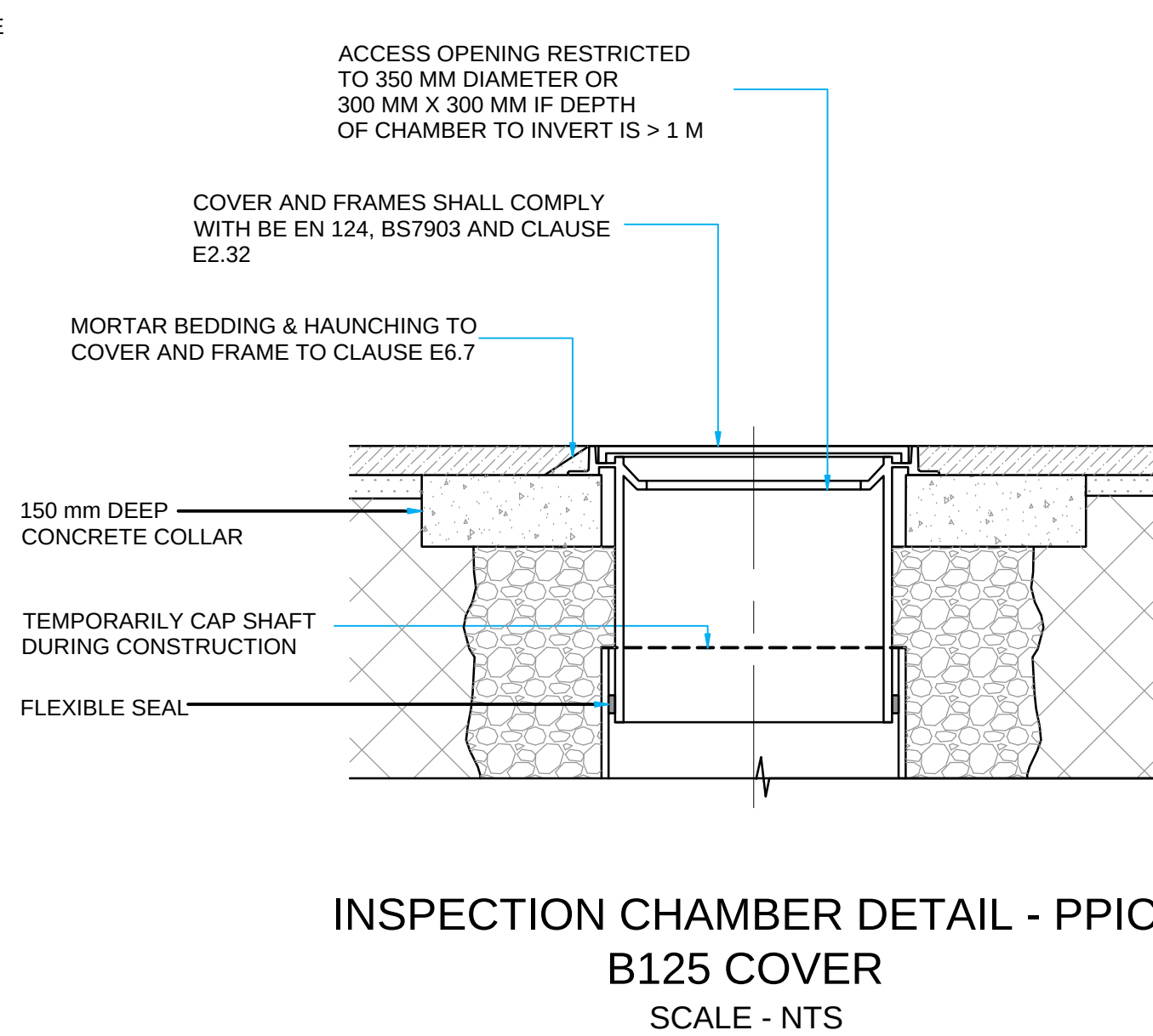
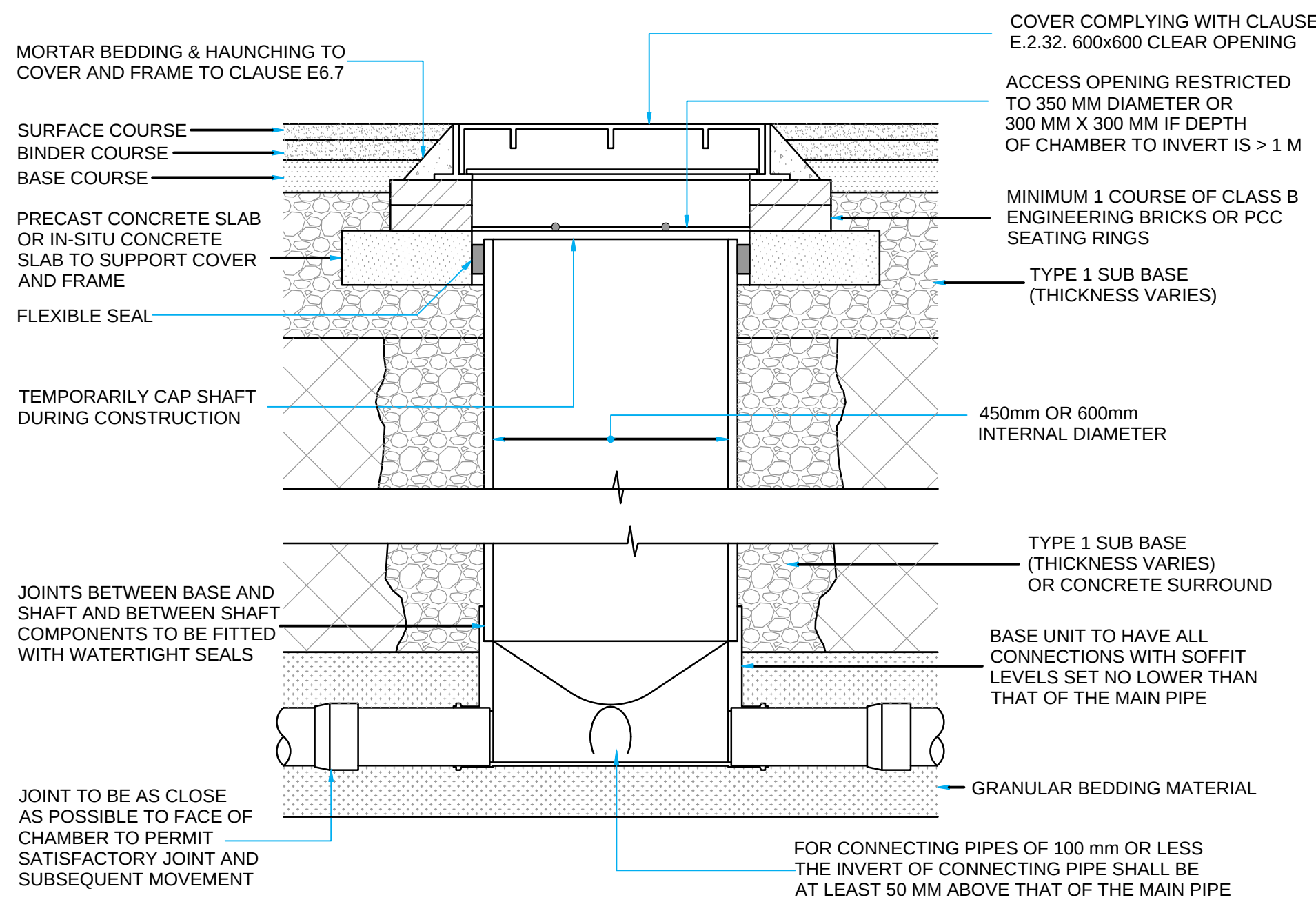
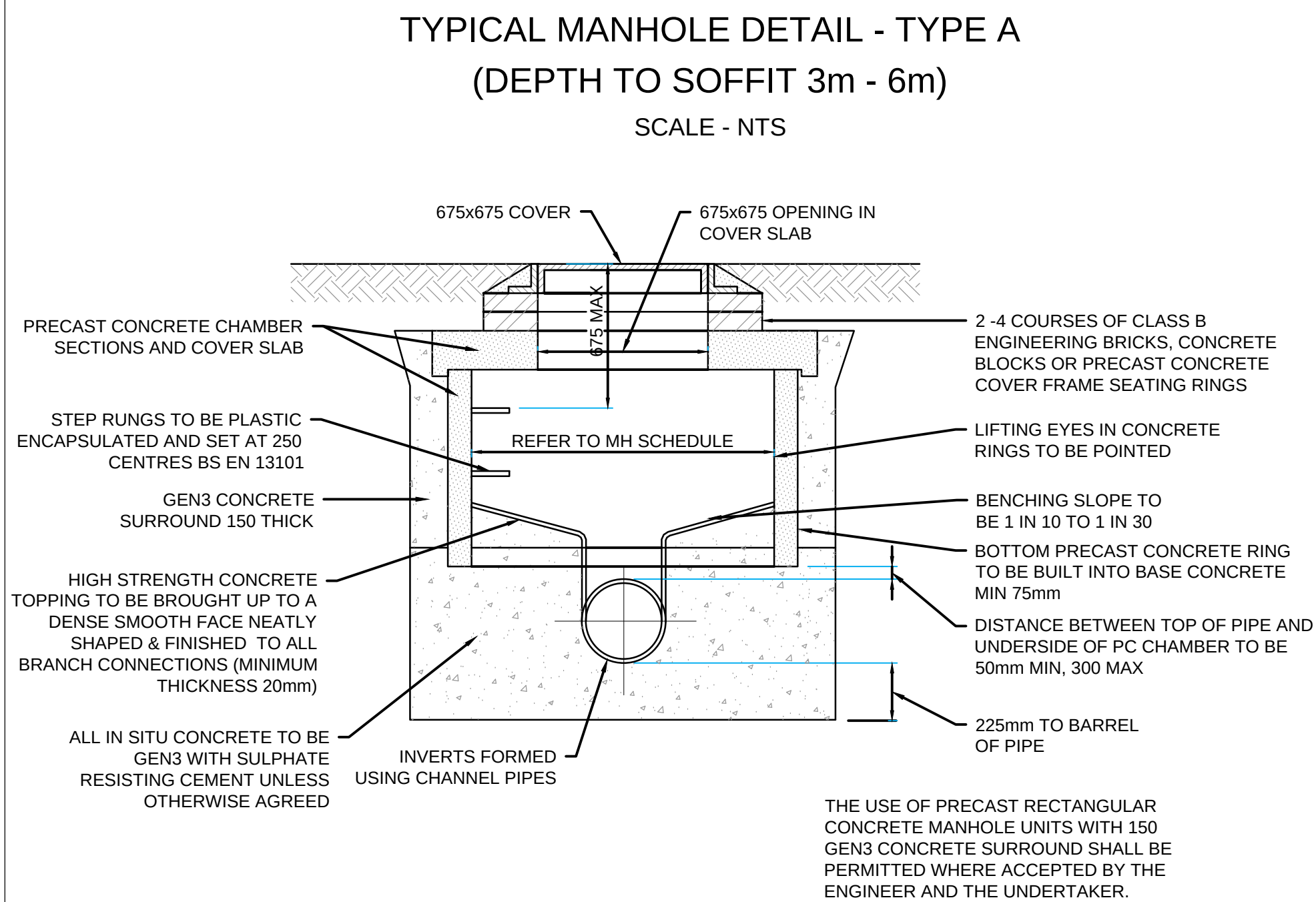
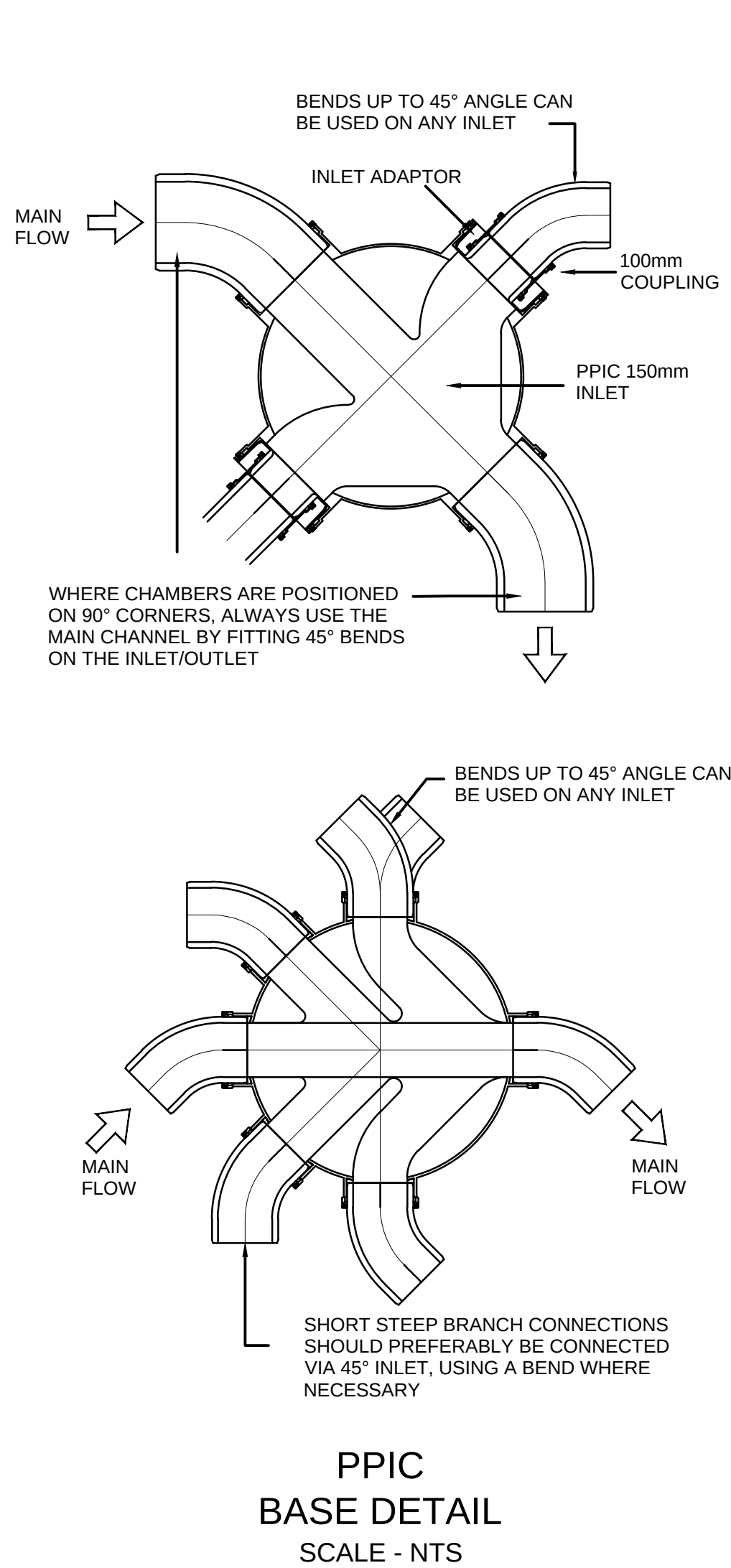
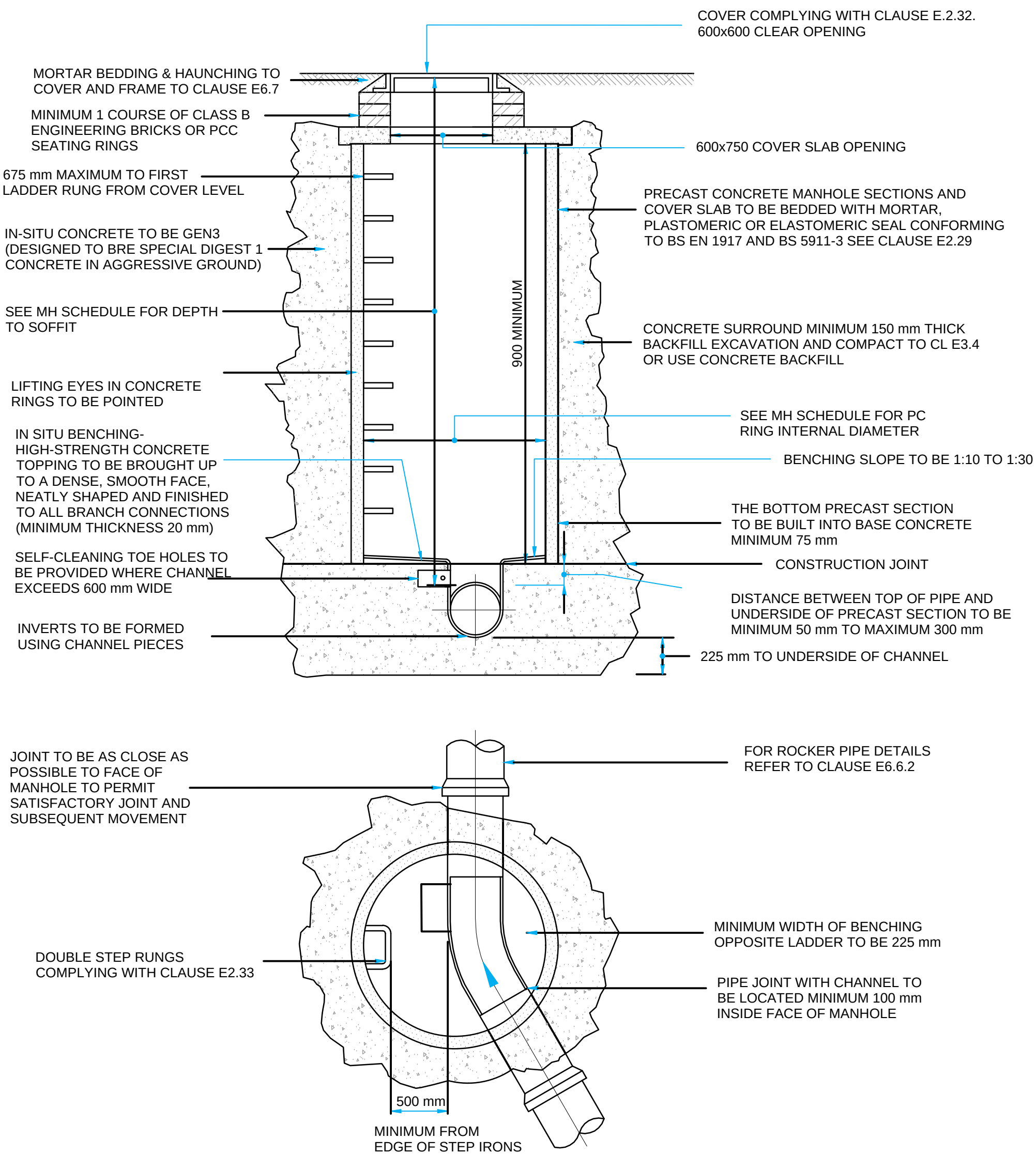
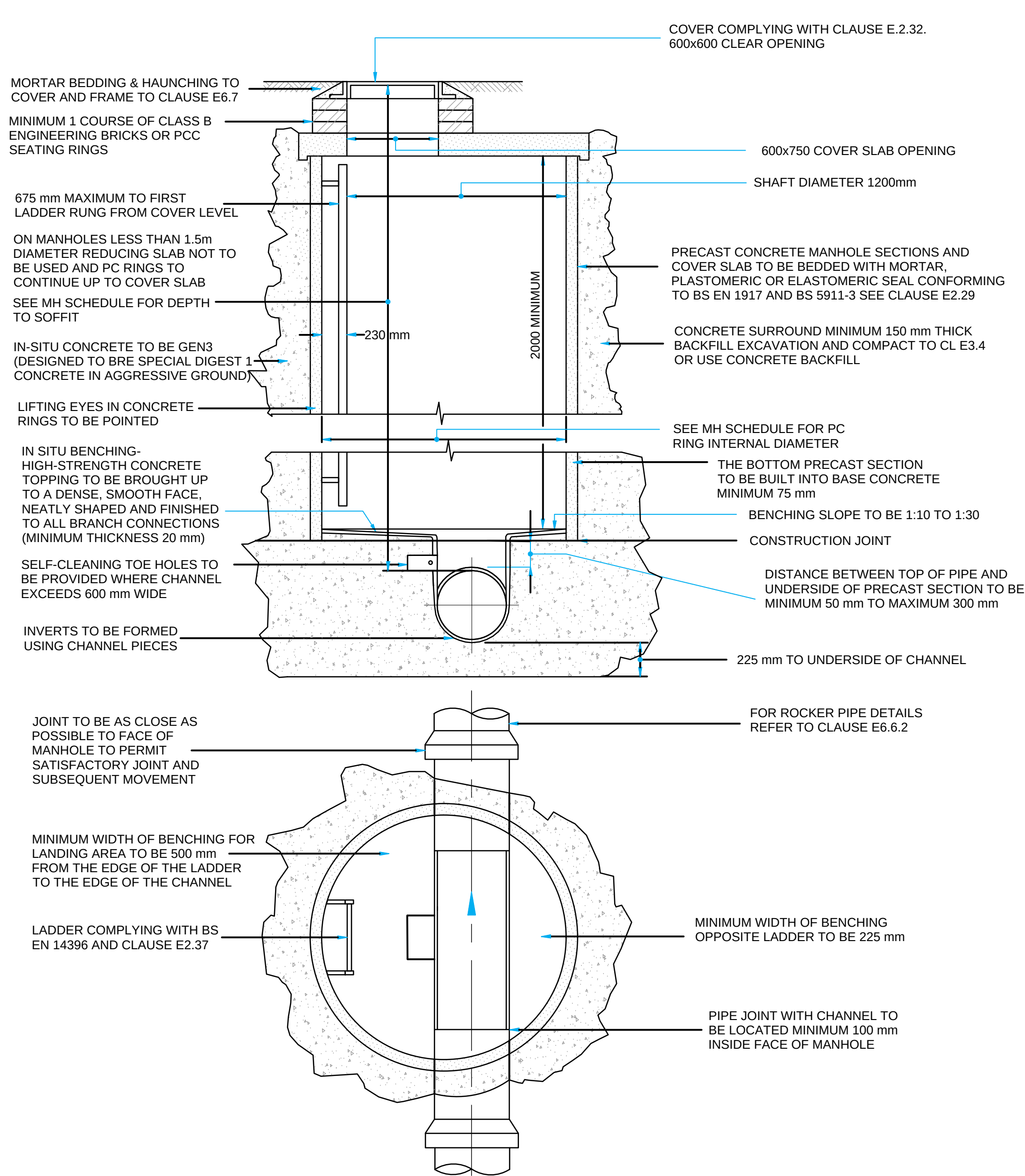
	DATE
	30/04/21

009433-BDP-01-XX-DR-C-520304

C06

BDP.

Appendix D
Drainage Details



C02 Minor corrections ARJ DN 23/07/21
C01 Issued for Construction ARJ DN 14/07/21

REVISION	DESCRIPTION	DRAWN	CHECKED	DATE
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REV PLAN

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PROJECT TITLE
BELLE VUE CO-OP ACADEMY

REF FOR NUMBER
P3001501

REV/ITER CLASSIFICATION
COMMERCIAL IN CONFIDENCE

DRAWING TITLE
TYPICAL DRAINAGE DETAILS

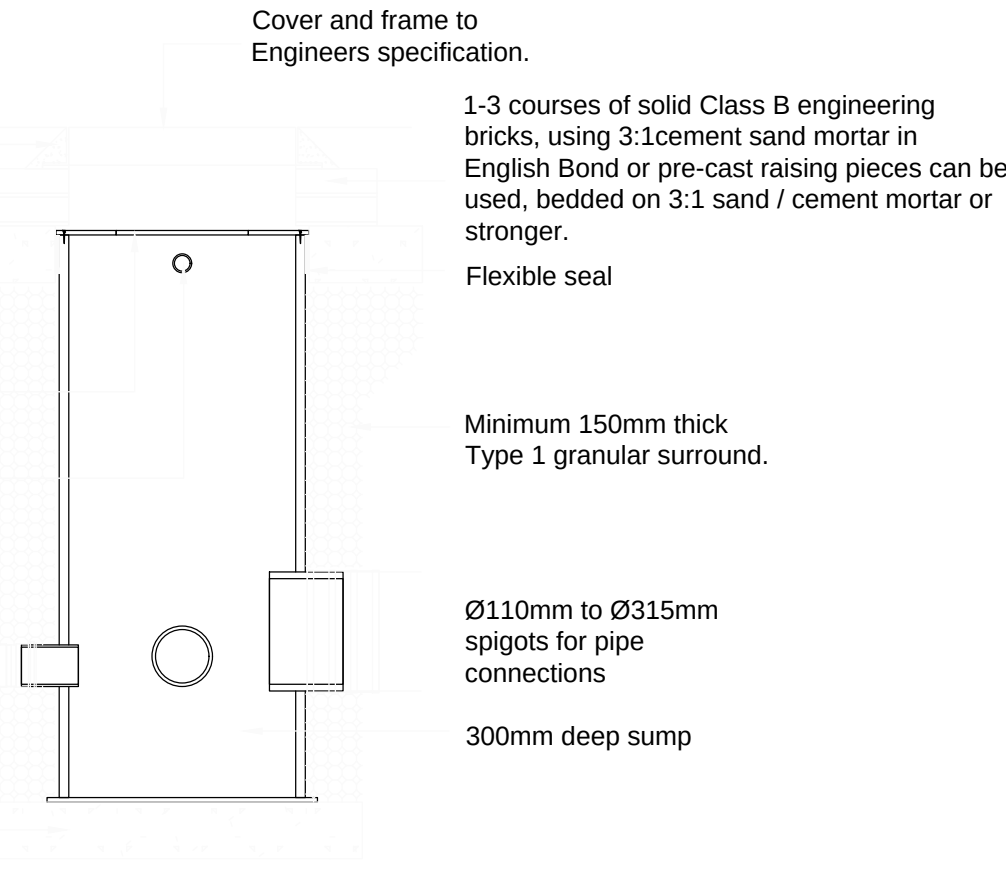
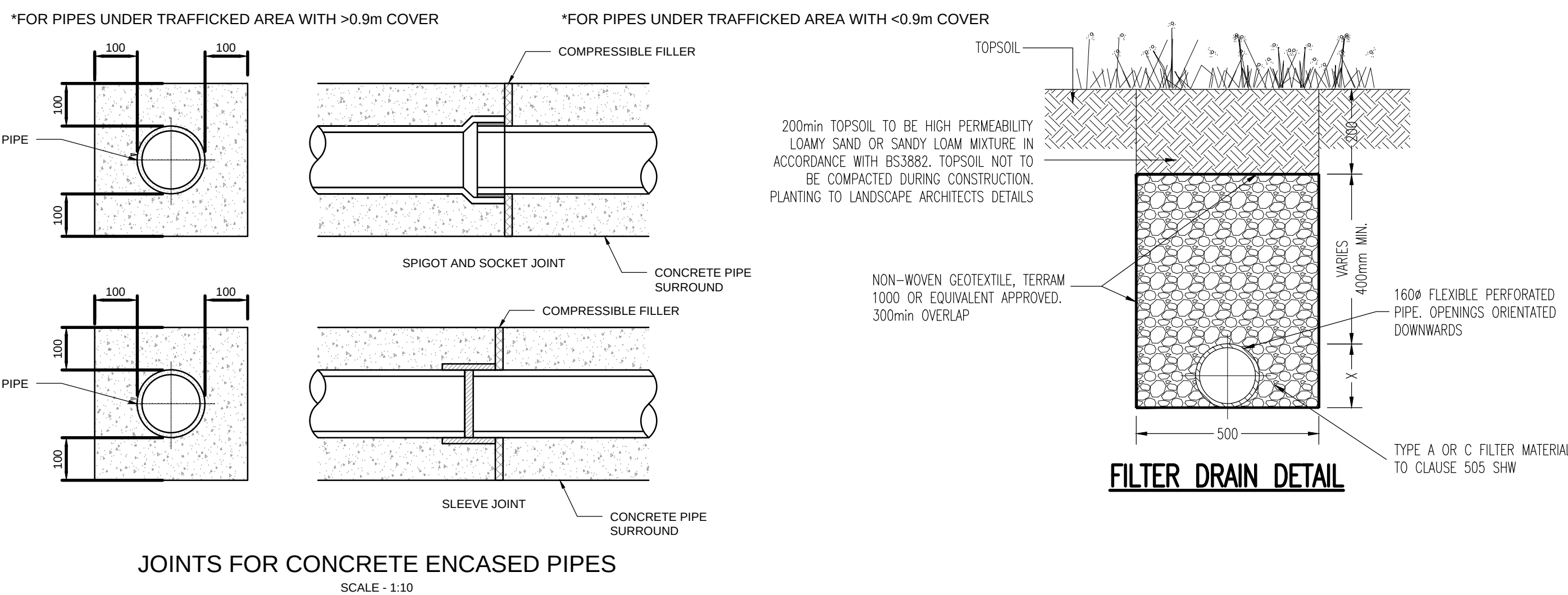
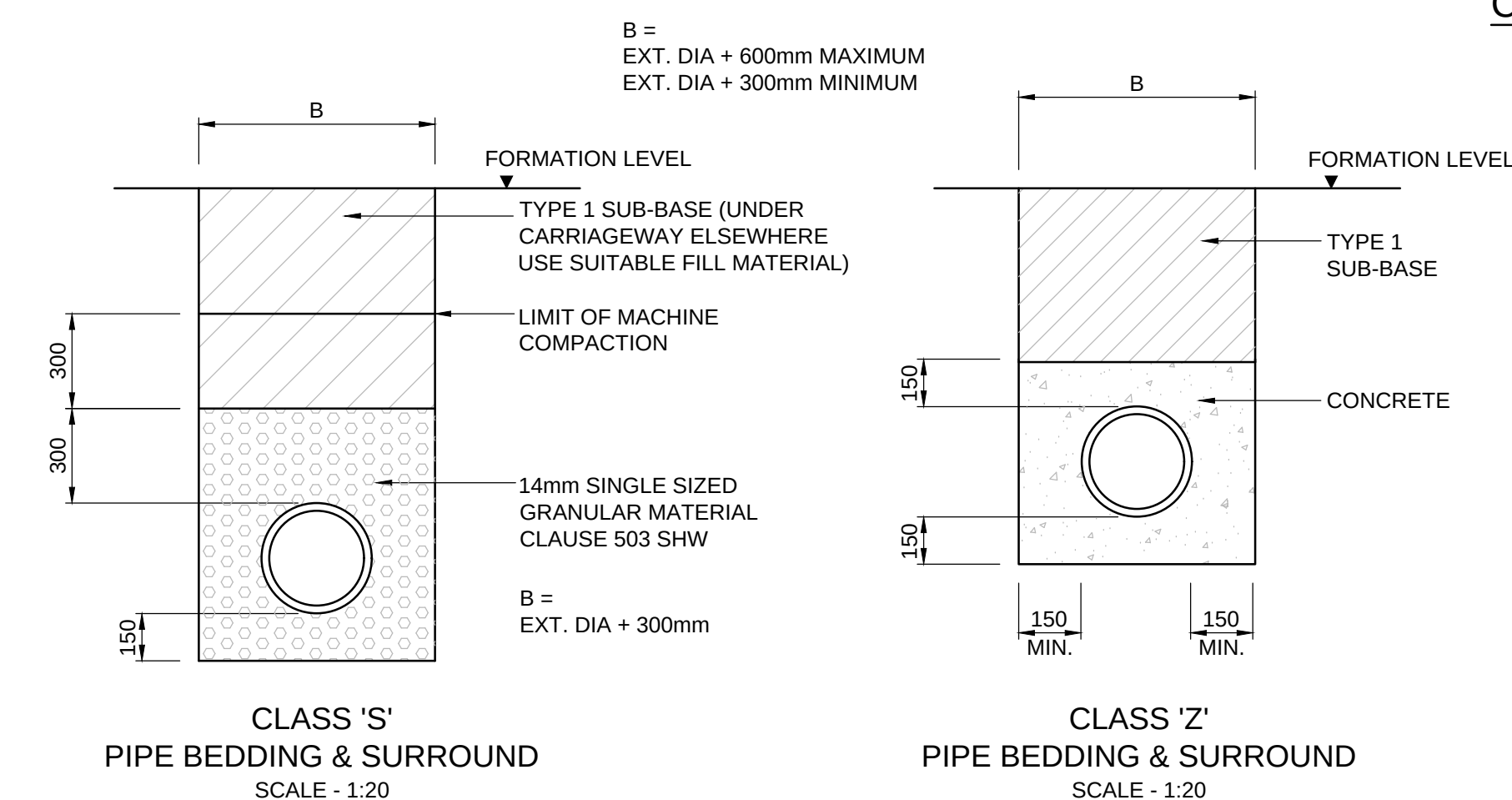
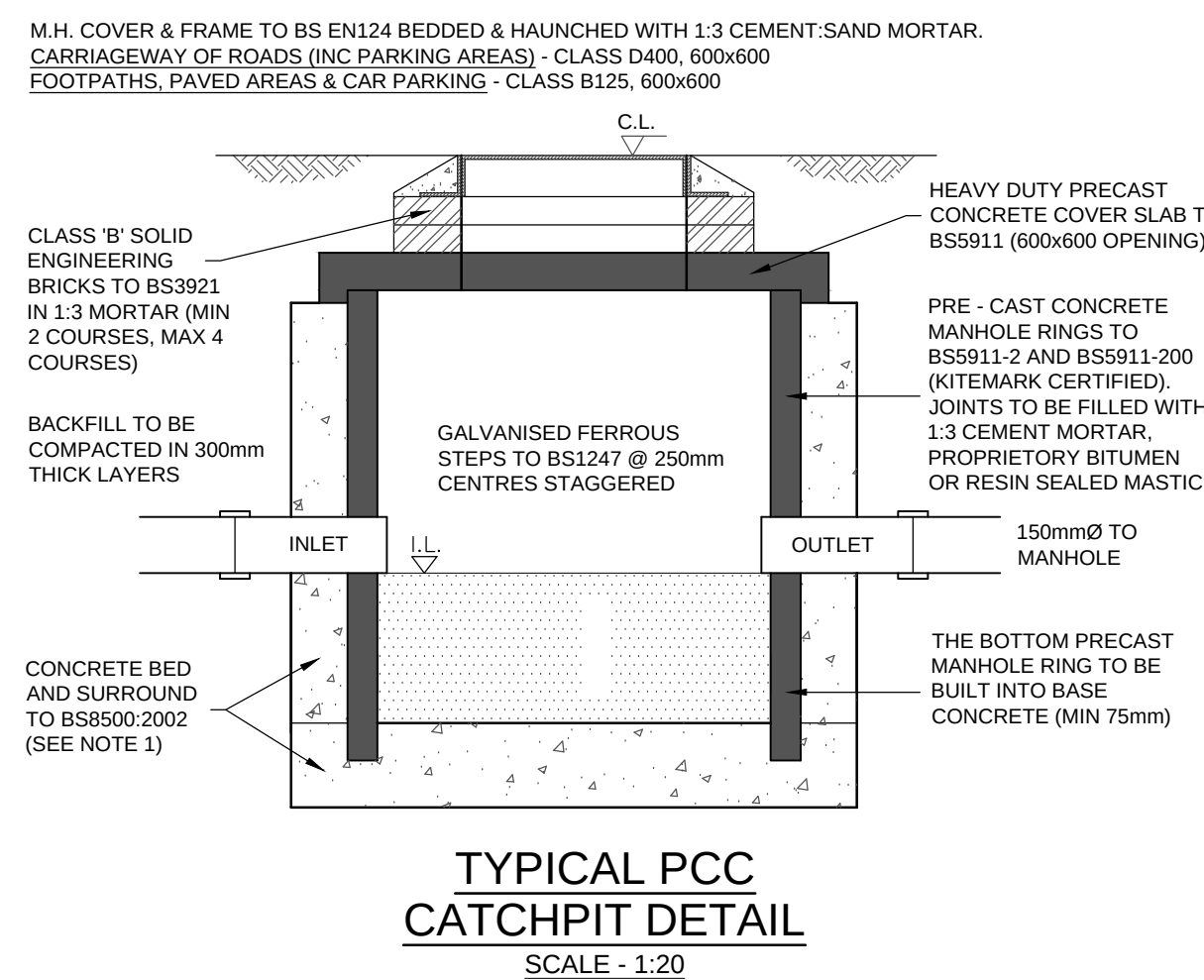
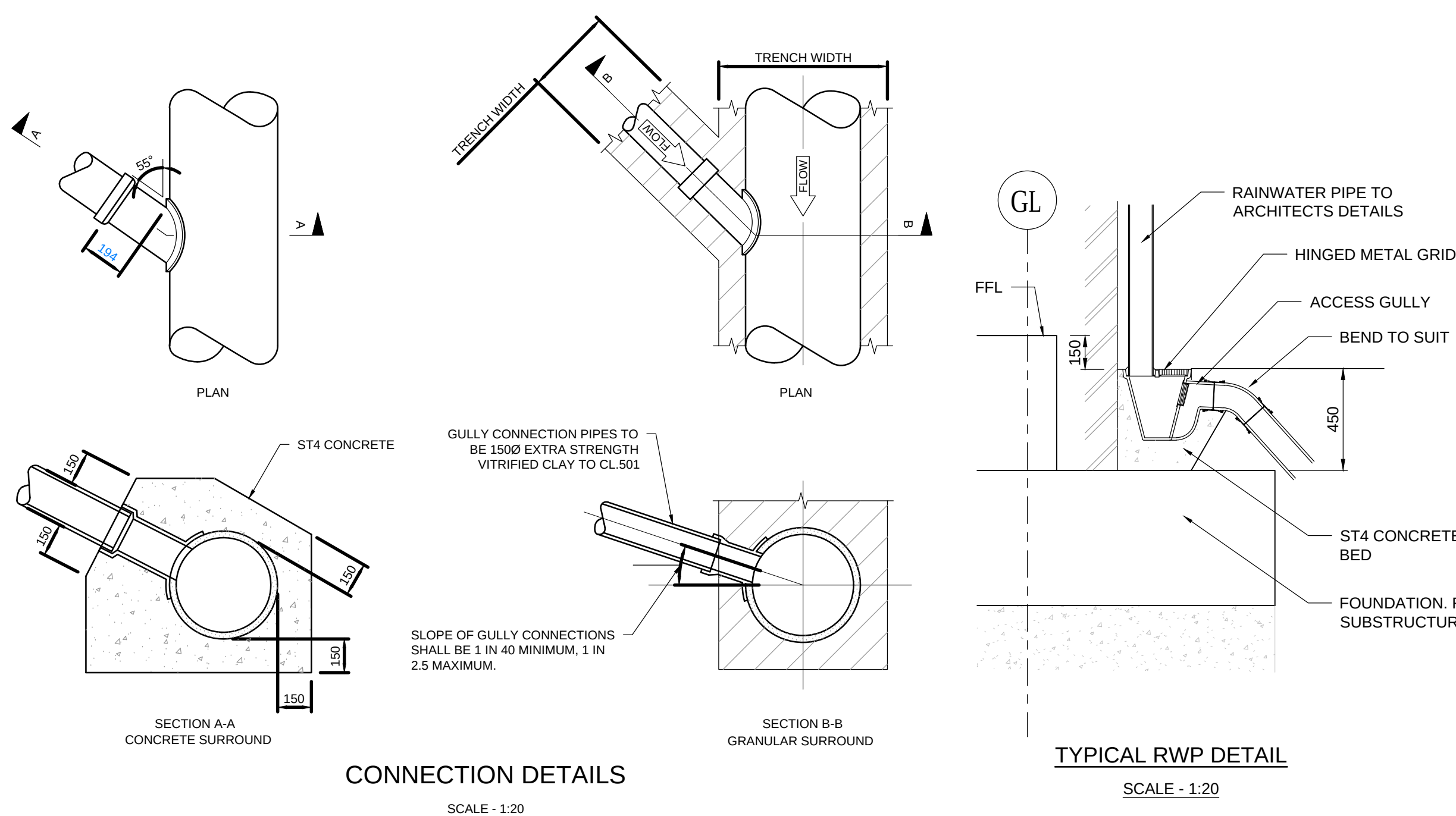
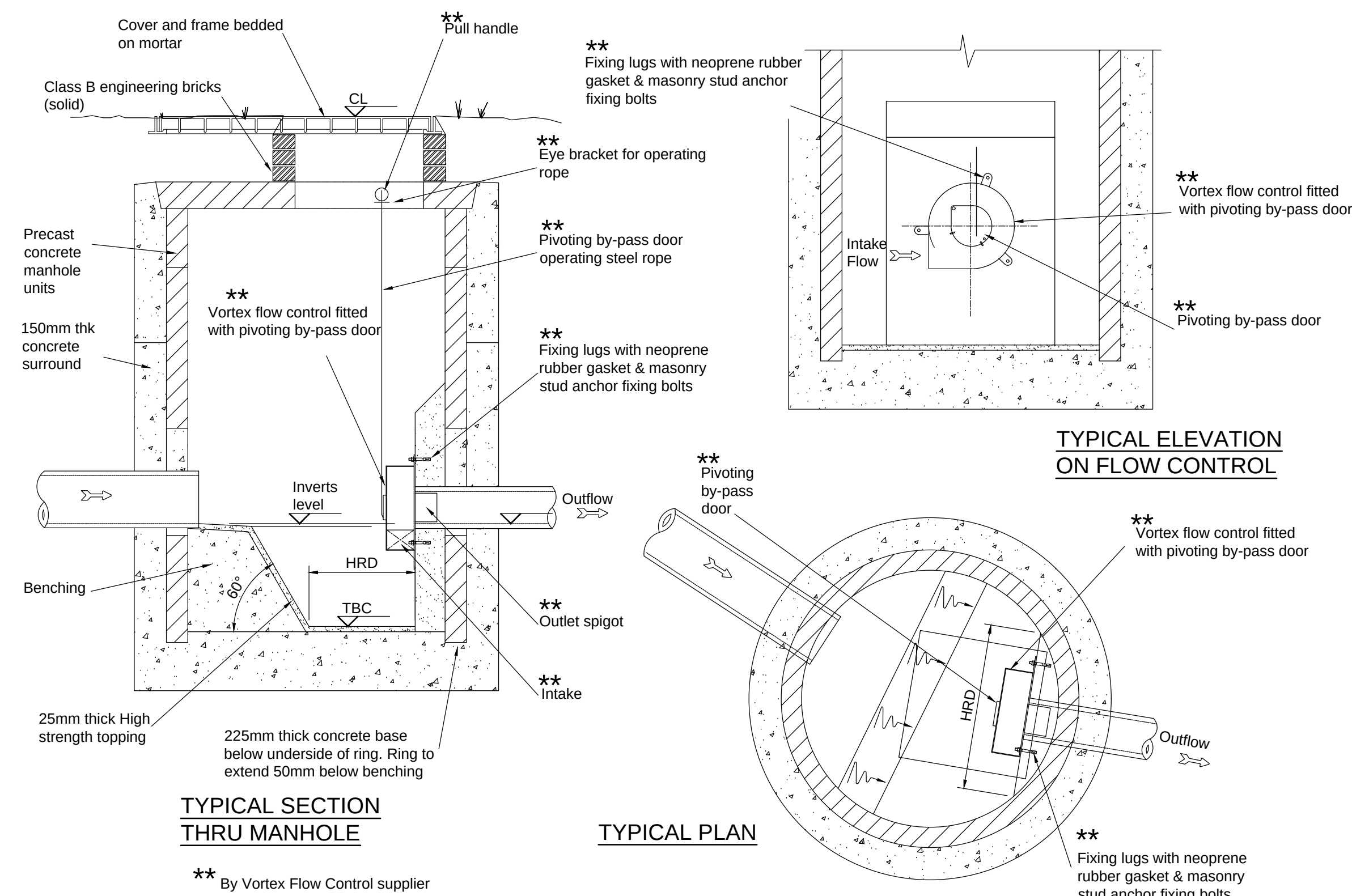
SHEET 1 OF 3

SCALE
As Shown @ A1

DATE
JUL 21

DRAWING No.
009433-BDP-01-ZZ-DR-C-520301

REVISION
C02



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C04 Details updated	ARJ	MEE	20.09.21
C03 Details updated	ARJ	DN	12.09.21
C02 Minor corrections	ARJ	DN	23/07/21
C01 Issued for Construction	ARJ	DN	14/07/21

REVISION	DESCRIPTION	DRAWN	CHECKED	DATE
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PROJECT TITLE			
BELLE VUE CO-OP ACADEMY			
EDP JOB NUMBER	DISCLOSURE CLASSIFICATION		
P3001501	COMMERCIAL IN CONFIDENCE		
DEALING TITLE		SCALE	
TYPICAL DRAINAGE DETAILS			As Shown @ 1"
SHEET 2 OF 3		DATE	JUL 21
DEALING NO.		REVISION	C04
009433-BDP-01-ZZ-DR-C-520302			

