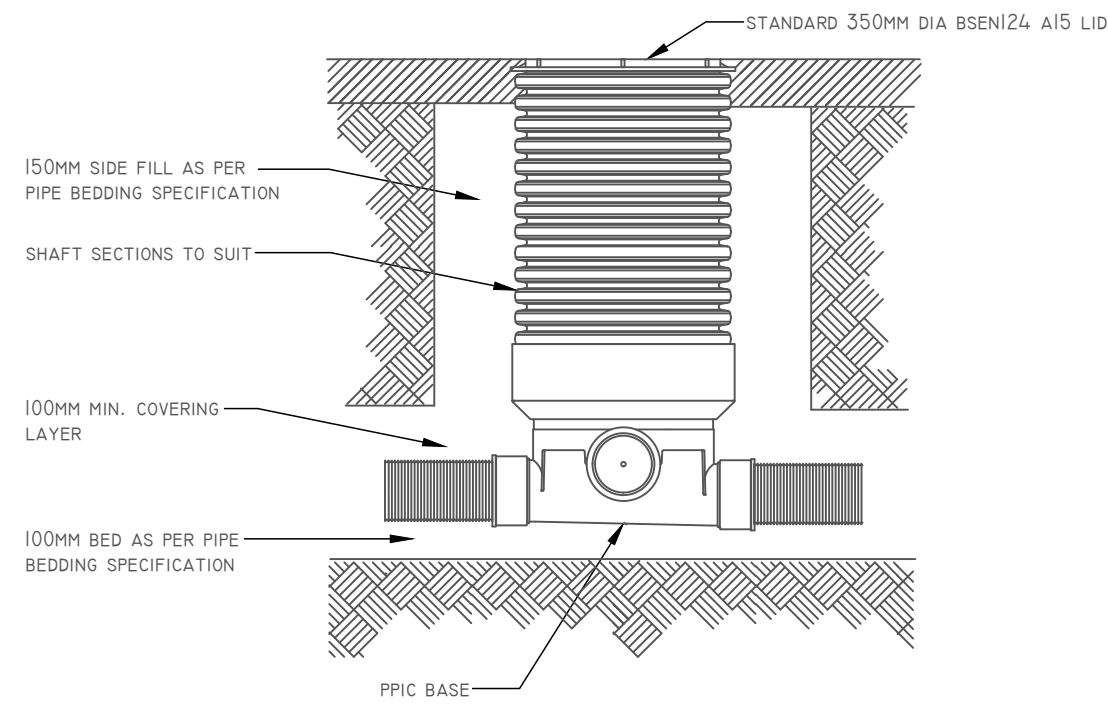
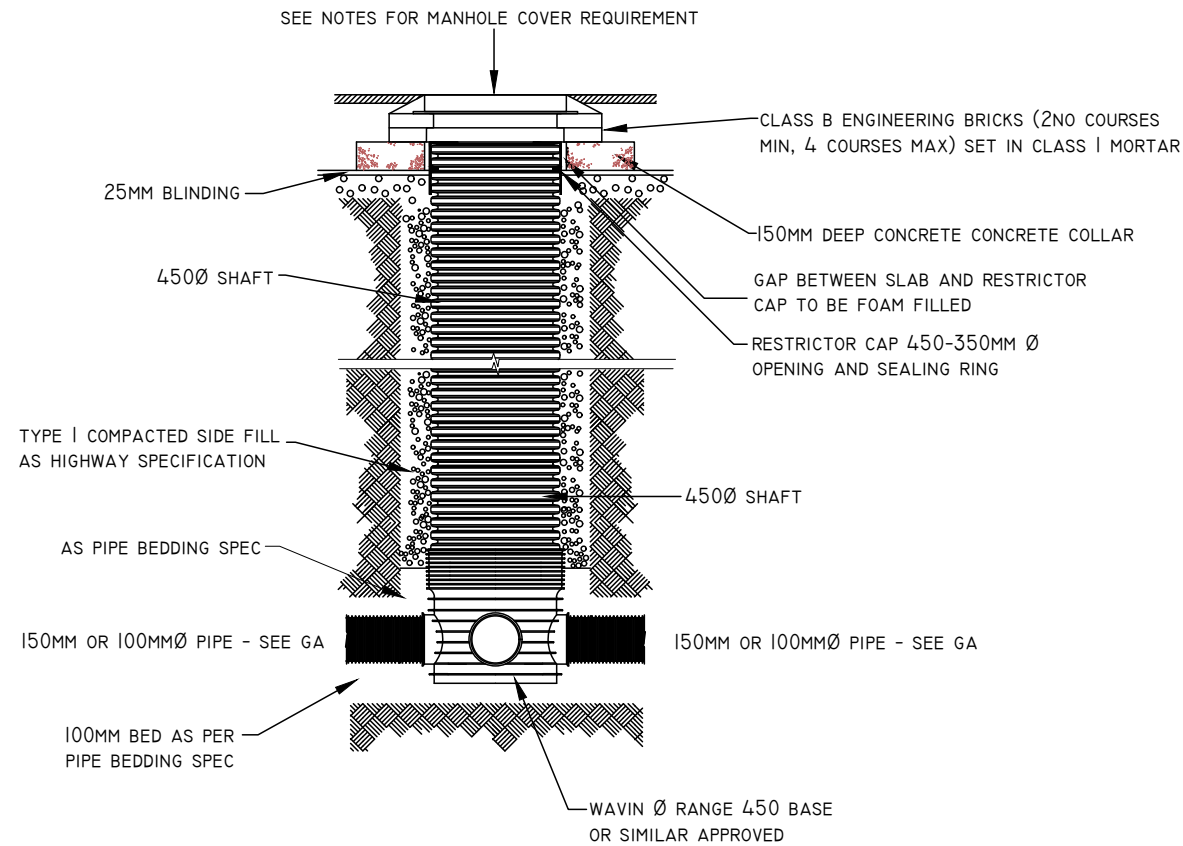
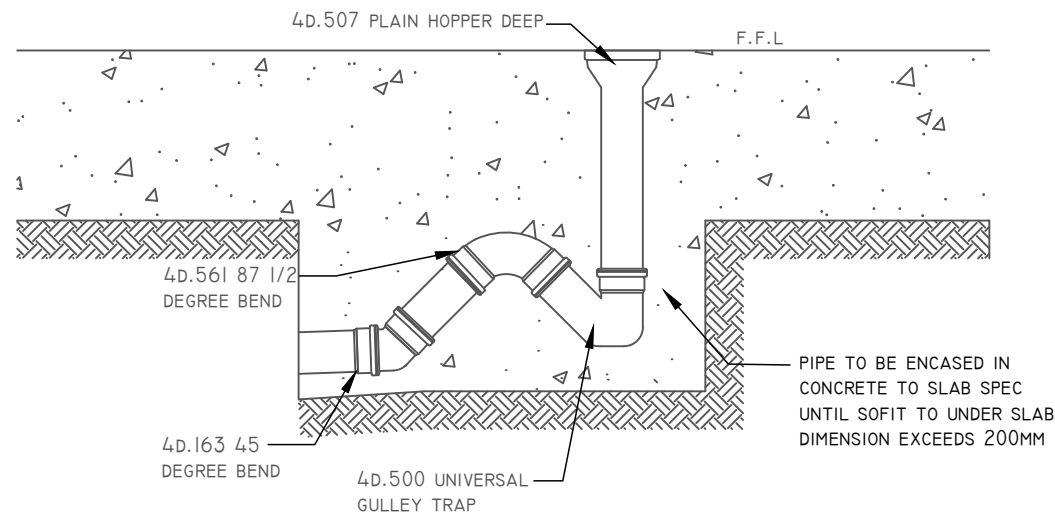




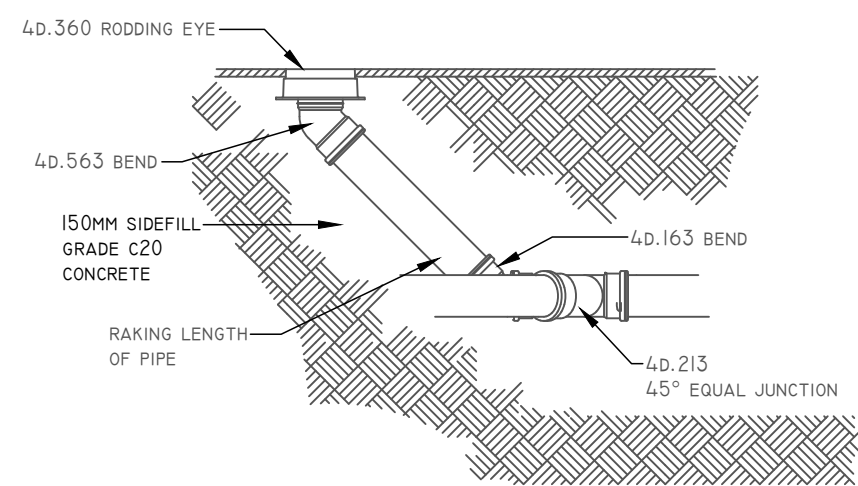
TYPICAL SHALLOW 450Ø PPIC MANHOLE DETAIL
IN NON-TRAFFICKED LANDSCAPED AREA
N.T.S



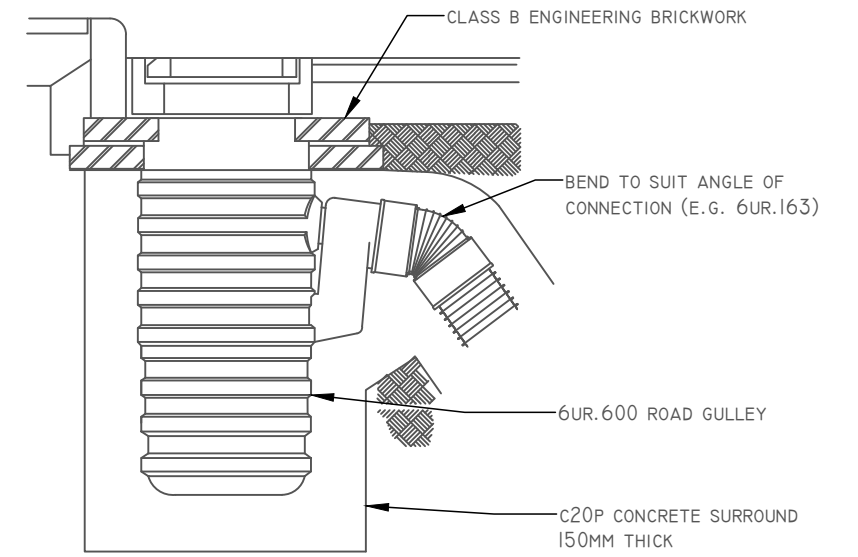
TYPICAL PPIC MANHOLE IN
TRAFFICKED AREA DETAIL
N.T.S



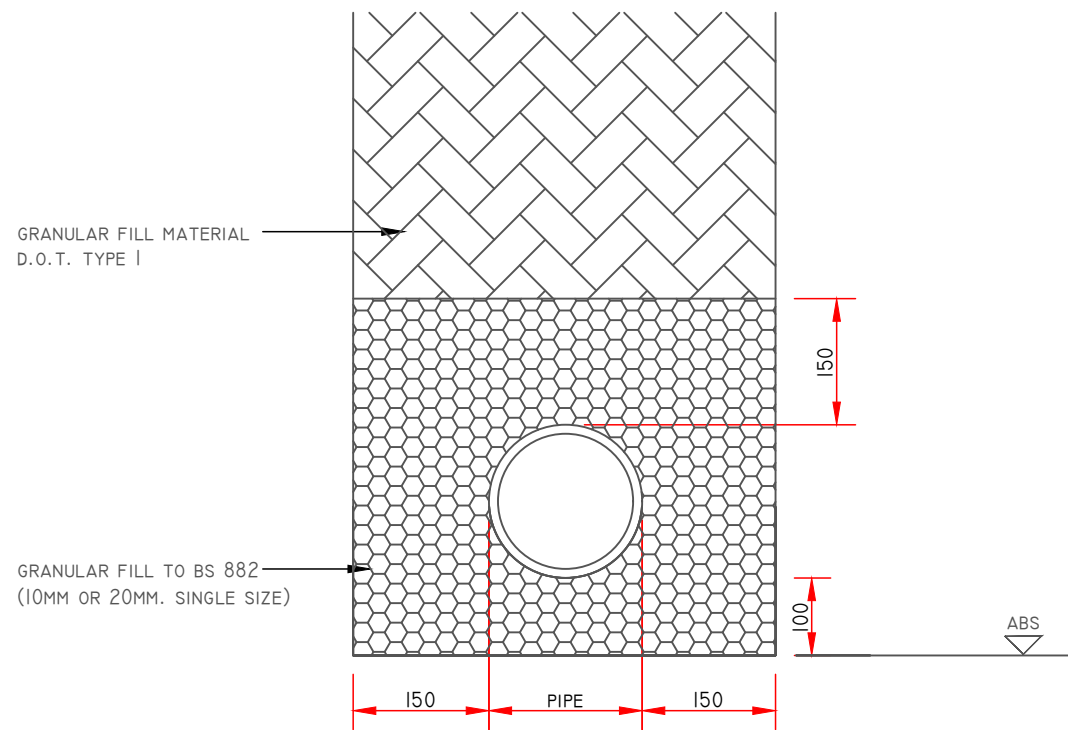
FLOOR GULLY DETAIL
N.T.S



RODING EYE DETAIL
N.T.S

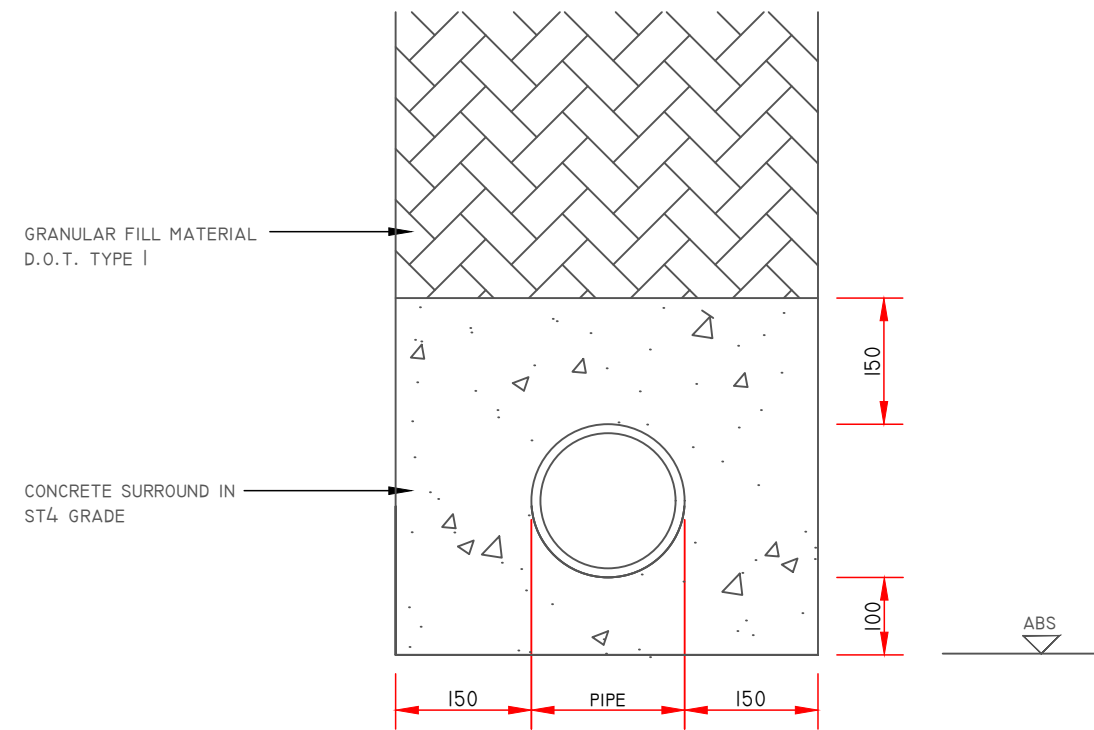


TYPICAL ROAD GULLY CONNECTION
DETAIL
N.T.S

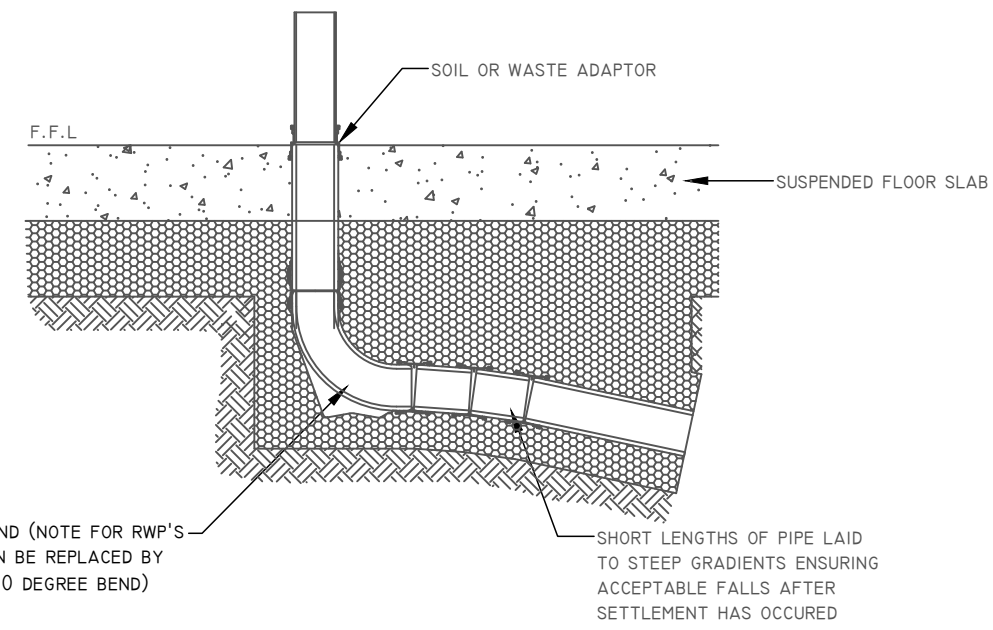


CLASS S PIPE BEDDING
N.T.S

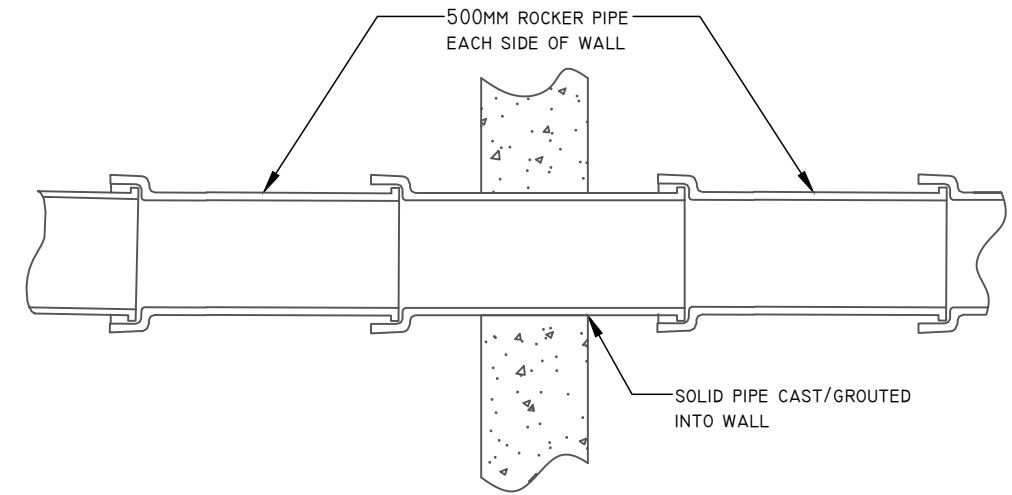
ALL AREAS NOT REQUIRING CLASS Z
BEDDING



CLASS Z PIPE BEDDING
N.T.S

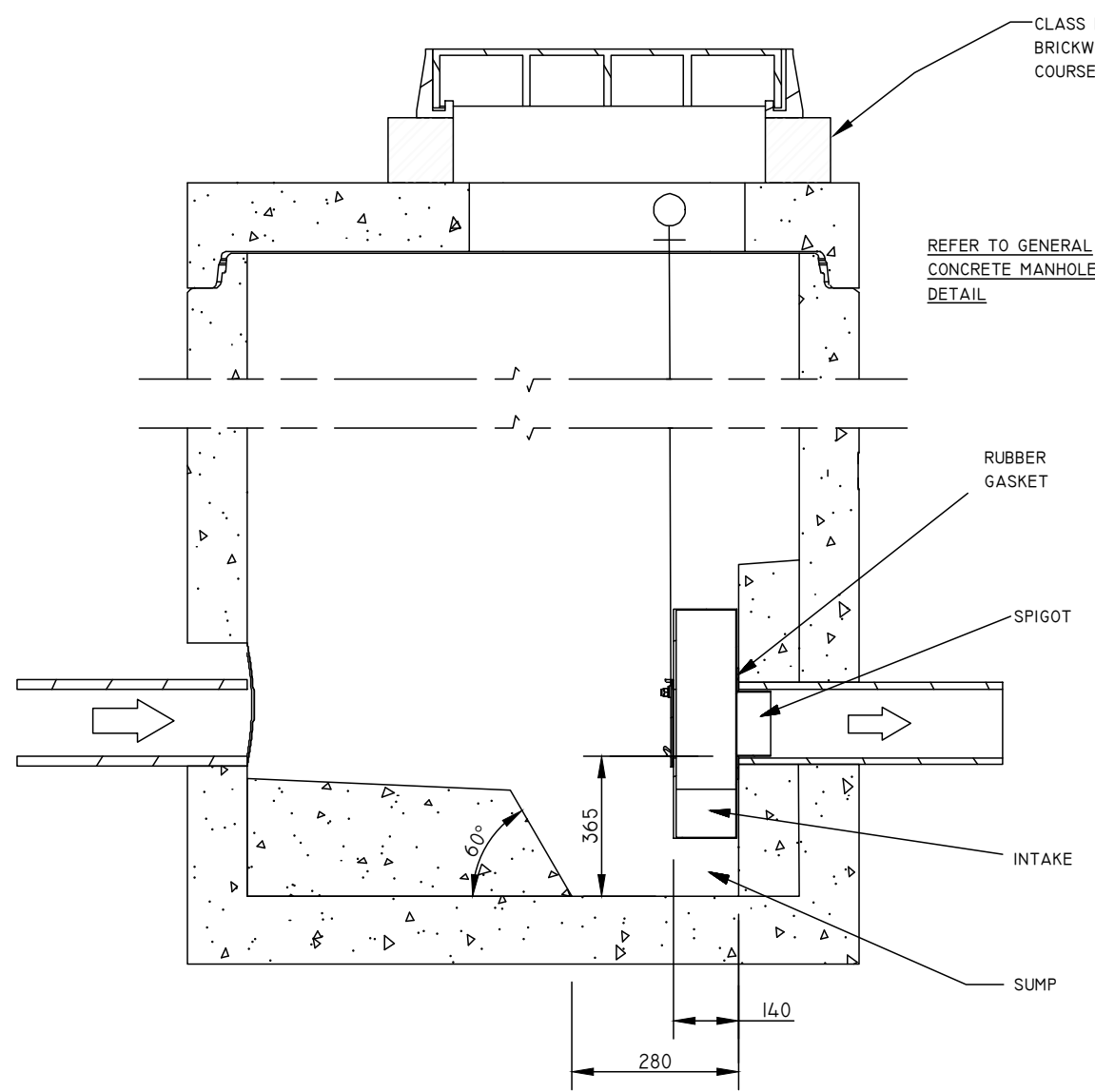


REST BEND CONNECTION DETAIL
N.T.S



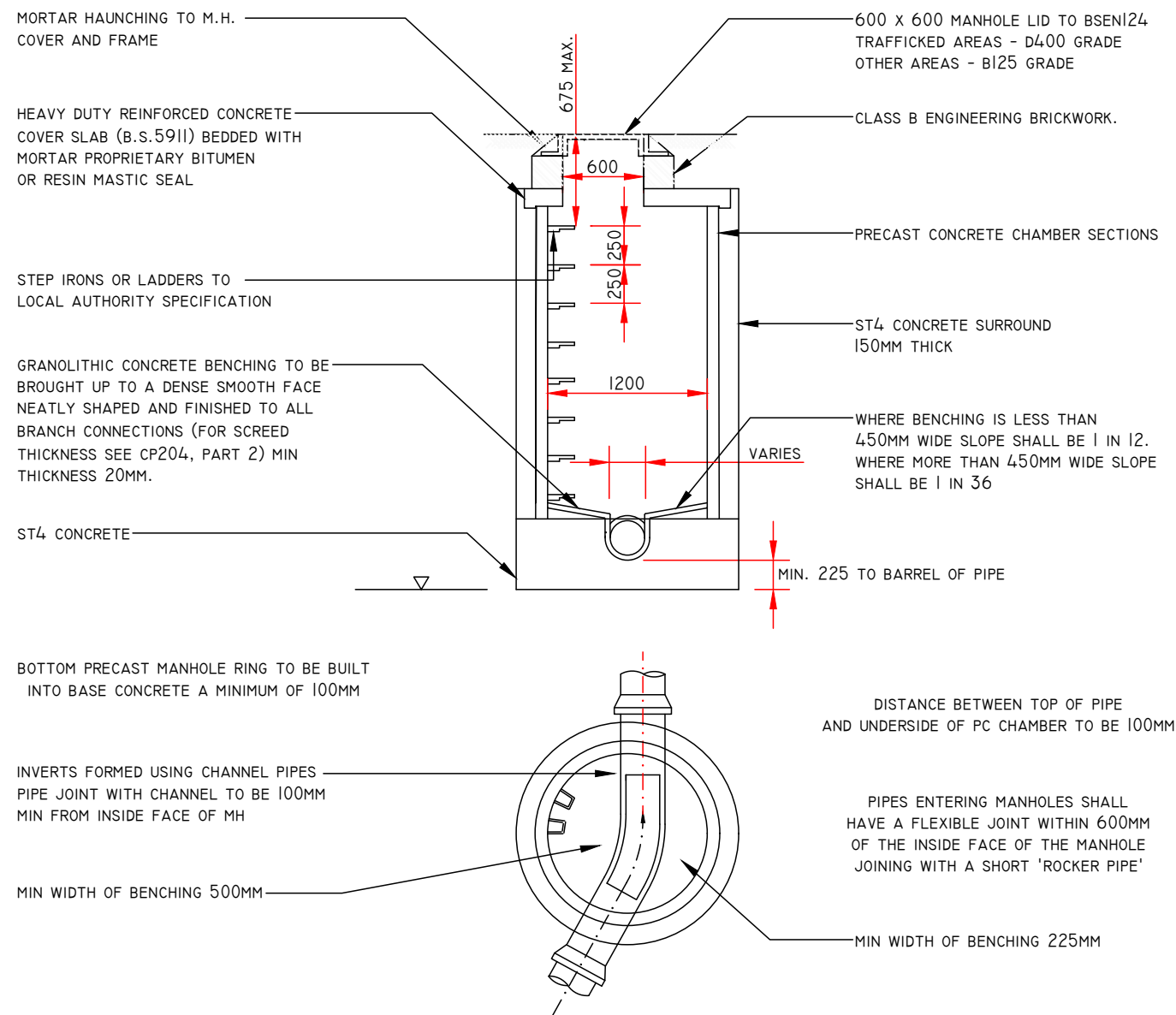
ROCKER PIPE DETAIL
N.T.S

TO BE USED WHERE PIPES PASS THROUGH WALLS OR OTHER SOLID
OBJECTS, ENTER CONCRETE MANHOLES OR PASS FROM CLASS S TO
CLASS Z BEDDING

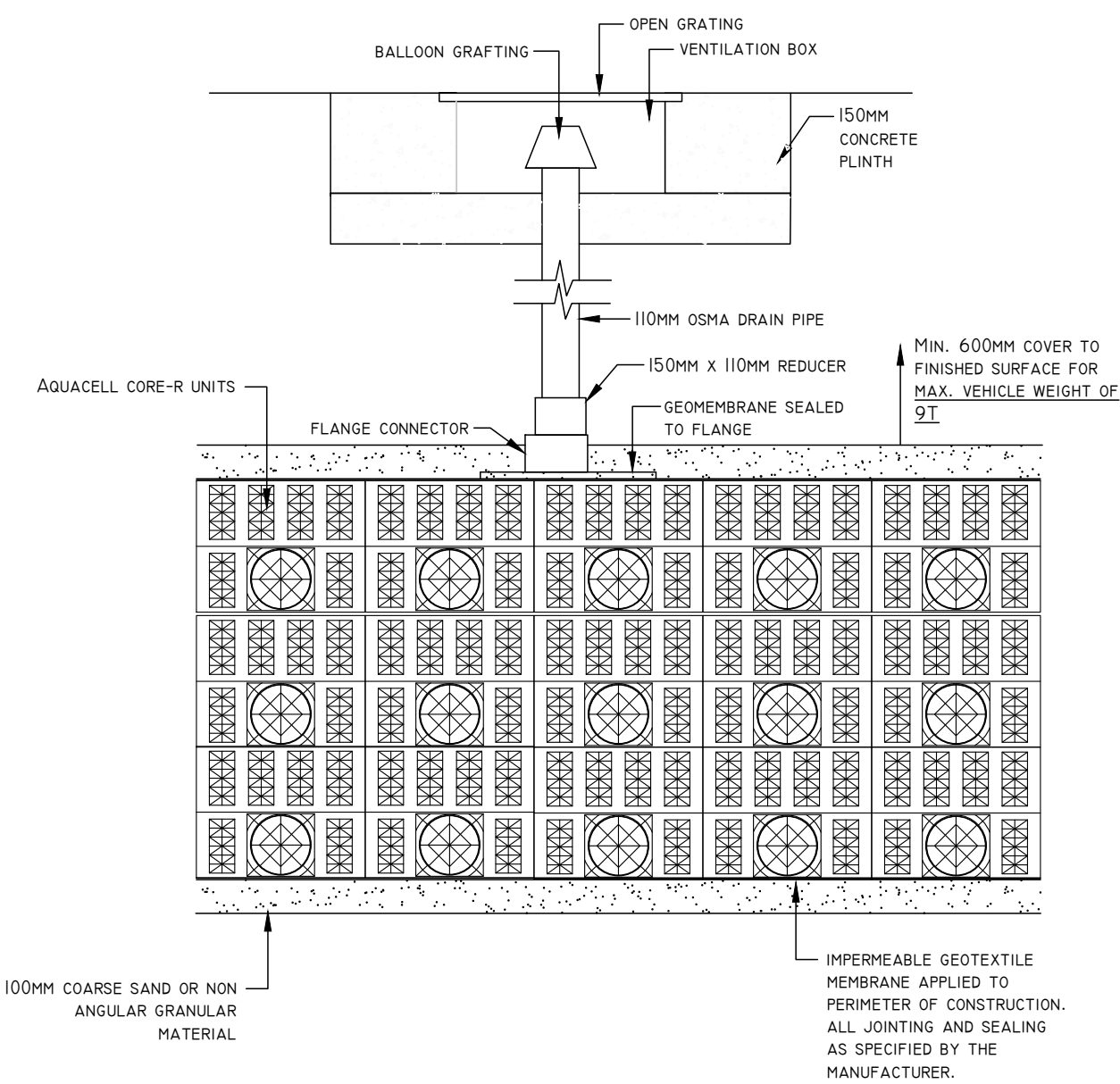


TYPICAL SECTION THROUGH FLOW CONTROL MANHOLE
N.T.S

FLOW CONTROL TO BE DESIGNED FOR A HEAD OF 1000MM AND A FLOW OF 8L/S. THIS IS TO
BE A VORTEX TYPE SUCH AS HYDROBRAKE OR SIMILAR APPROVED. IF HYDROBRAKE IS USED
THEN REFERENCE IS MD-SHE-0132-8000-1000-8000.



TYPICAL CONCRETE MANHOLE DETAIL
N.T.S



TYPICAL SECTION THROUGH CELLULAR
ATTENUATION
1:20

NOTES:

- ALL EXISTING DRAINAGE TO BE CONFIRMED
PRIOR TO CONSTRUCTION COMMENCING.
- ALL NEW PIPEWORK TO BE WAVIN OSMADRAIN
OR WAVIN ULTRARIP UPVC UNLESS NOTED
OTHERWISE.
- ALL PIPEWORK AT COVER LEVELS LESS THAN
750MM IN TRAFFICKED AREAS AND 400MM IN
OTHER AREAS SHALL BE ENCASED IN CONCRETE
(CLASS Z BEDDING).
- ALL OTHER PIPEWORK TO BE IN CLASS S
BEDDING.
- PIPEWORK PASSING THROUGH BUILDING WALLS
SHALL BE FITTED WITH ROCKER PIPES AS PER
STANDARD DETAIL.
- ALL EXTERNAL MANHOLE COVERS TO BE TO
EN124:1994 - TRAFFICKED AREAS GRADE D400
AND OTHER AREAS GRADE A14.
- ANY UNLABELLED FOUL BRANCH PIPEWORK
TO BE 100Ø PIPEWORK AT MINIMUM 1:80
FALL.
- ALL MAIN FOUL WATER PIPEWORK TO BE
100Ø AT 1:80 FALL U.N.O.
- ANY UNLABELLED STORM WATER BRANCH
PIPEWORK TO BE 100Ø AT MINIMUM 1:80
FALL.
- ALL RWP LOCATIONS AND NUMBERS ARE
TO BE CONFIRMED BY ARCHITECT PRIOR TO
COMMENCING CONSTRUCTION.
- EXACT SVP AND GULLY LOCATIONS TO BE
CONFIRMED FROM SERVICES ENGINEERS'
DRAWINGS AND DETAILS.

TENDER

REV A REV -	FLOW CONTROL DETAIL ADDED INITIAL ISSUE	12/05/22 25/06/21
BMC		
BELL MUNRO CONSULTING LTD		
CONSULTING CIVIL & STRUCTURAL ENGINEERS TURNING HOUSE 5 ARCHWAY MANCHESTER M15 5RL TEL: 0161 2098032 FAX: 0161 2098033 EMAIL: CONSULTING@BELLMUNRO.CO.UK WWW.BELLMUNRO.CO.UK		
CLIENT:	HEATLEY DEVELOPMENTS	
PROJECT:	OSBOURNE'S YARD	
TITLE:	DRAINAGE DETAILS	
DRAWN BY:	CHECKED BY:	SCALE:
R.C	S.J.B	1:20
DRAWING NUMBER:	J7119/DR02	DATE:
		06/21
REVISION:	A	