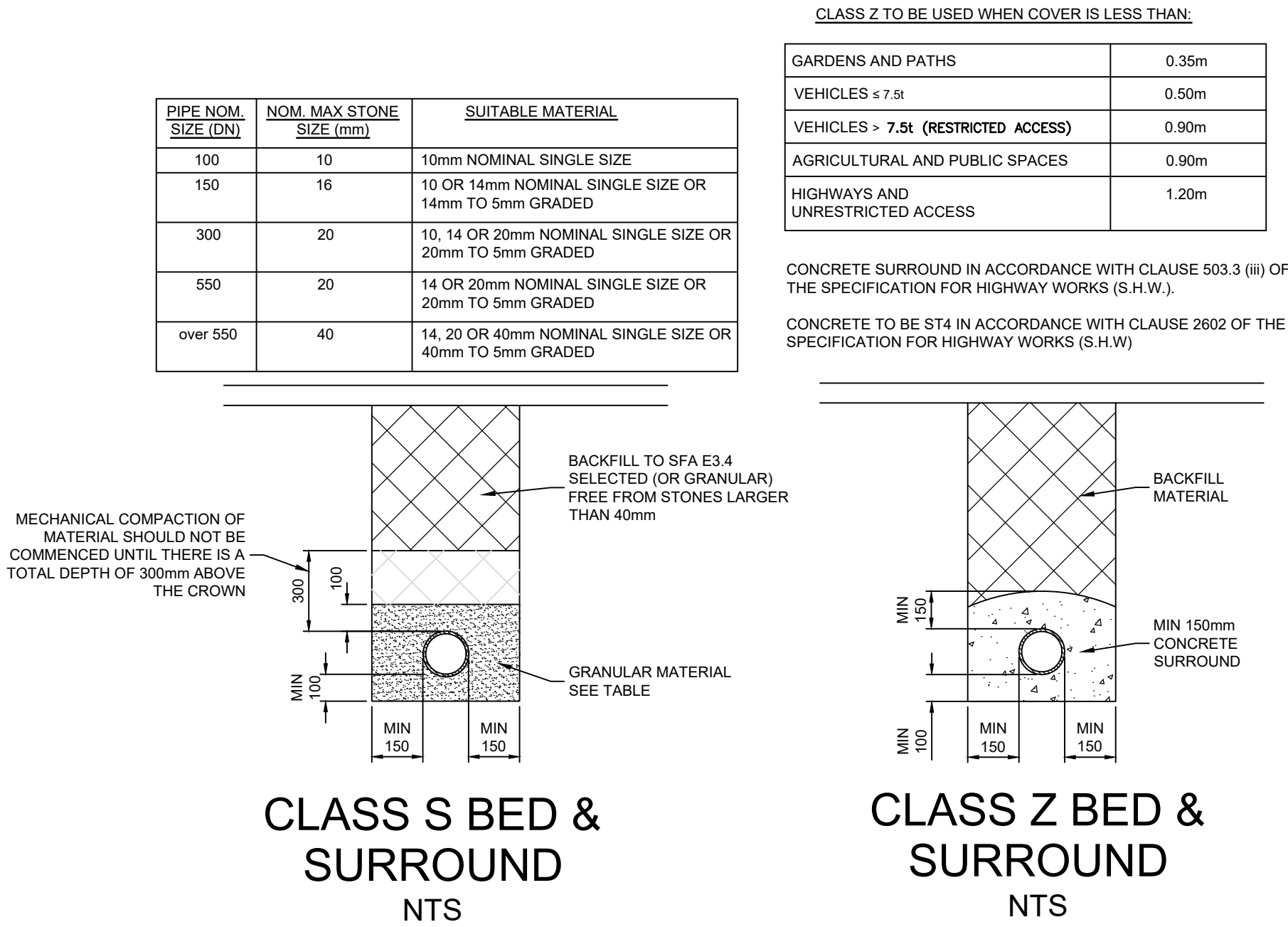
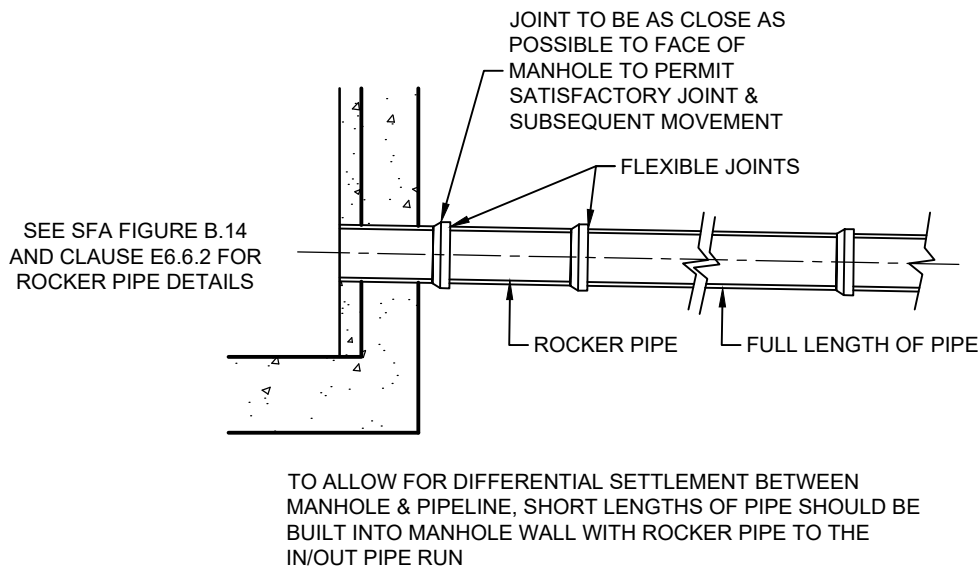


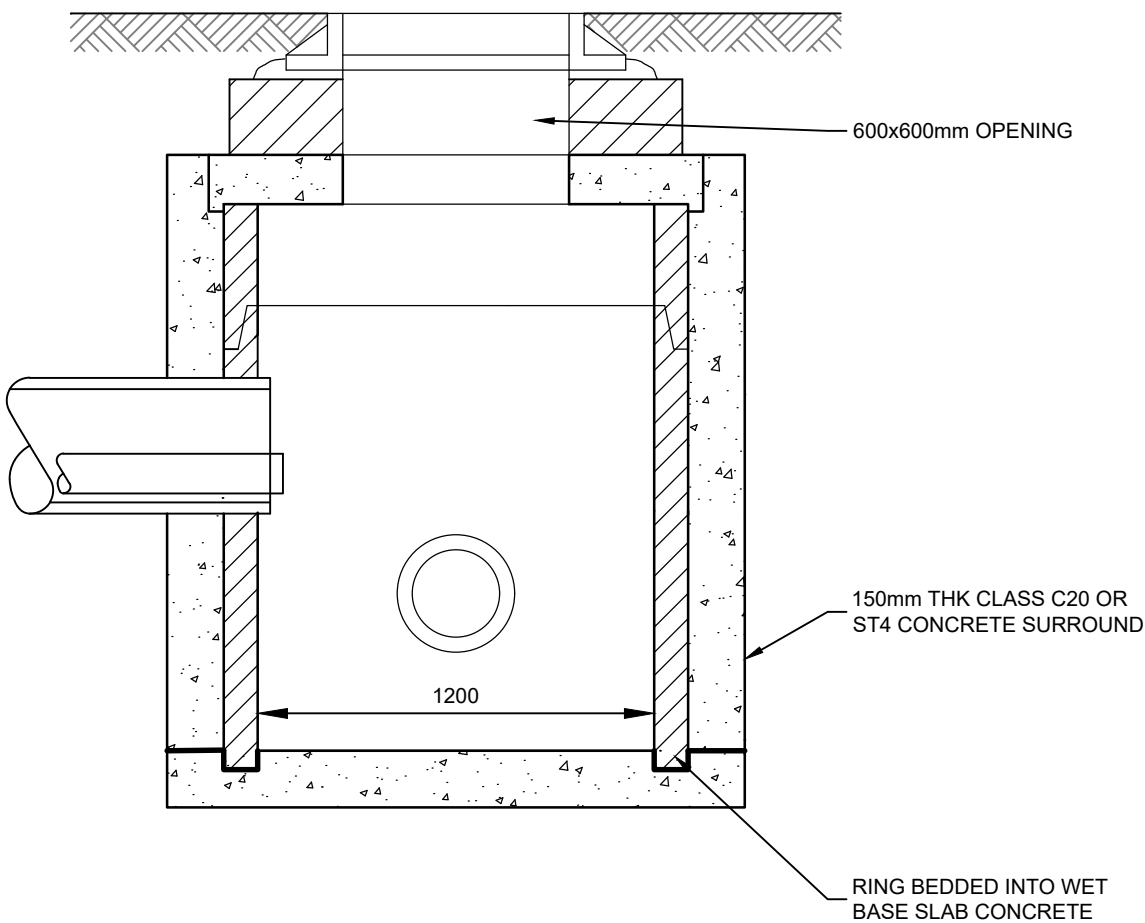


JOINTS FOR CONCRETE ENCASED PIPES
NTS

- CONCRETE SURROUND TO DRAIN TO BE FLEXIBLY JOINTED AT EVERY JOINT NOT WITHSTANDING THE ABOVE, MAXIMUM SPACING OF FLEXIBLE JOINT TO BE 3.0m
 - TO MAINTAIN THE FLEXIBILITY OF CONCRETE SURROUNDED DRAINS THE CONCRETE SHALL BE KEPT CLEAR OF THE JOINT BY PLACING 'FLEXCELL' OR EQUIVALENT APPROVED MATERIAL.
- FOR PIPES >300mm Ø PLACE 2No. LAYERS OF 18mm THICK FLEXCELL BETWEEN THE SPIGOT OF EACH IN SUCH A MANNER AS TO ALLOW THE JOINT FULL AXIAL AND ANGULAR MOVEMENT.
- FOR PIPES <300mm Ø PLACE 1No. LAYER, 18mm THICK.
- THE FLEXCELL SHALL BE PLACED IN A VERTICAL POSITION AND COVER THE CROSS SECTIONAL AREA OF CONCRETE BED AND SURROUND TO EACH JOINT.



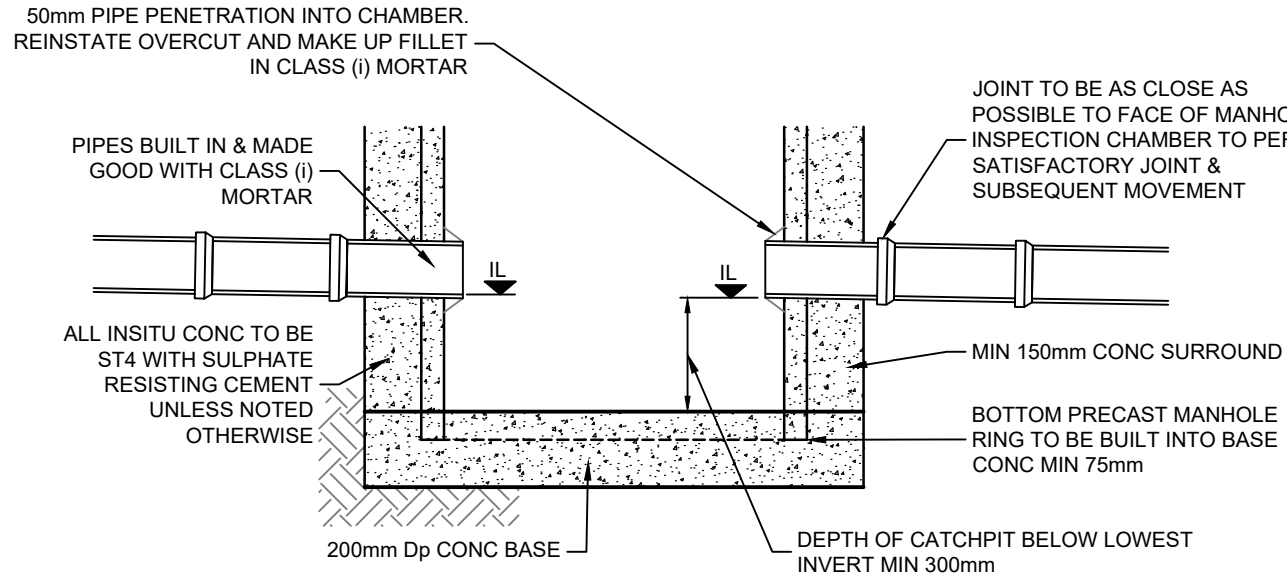
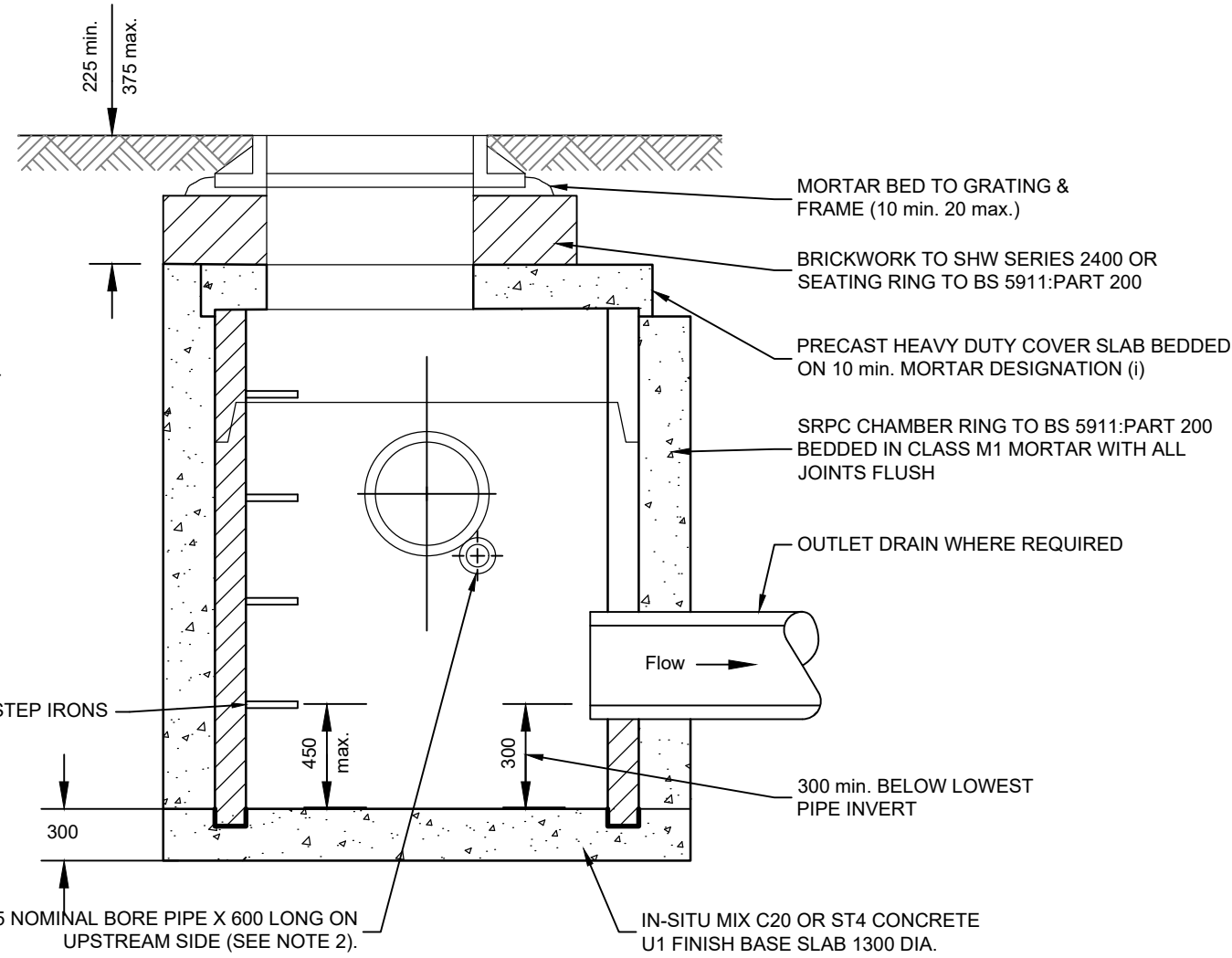
JOINTING OF PIPELINE TO STRUCTURE/MANHOLE
1:20



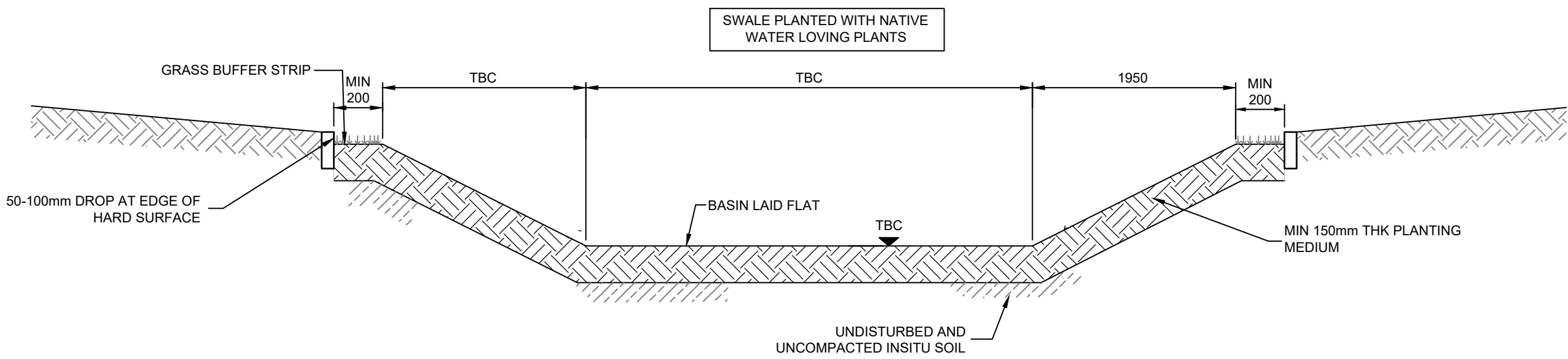
MANHOLE DETAIL - TYPE 7C CATCHPIT
NTS

Notes

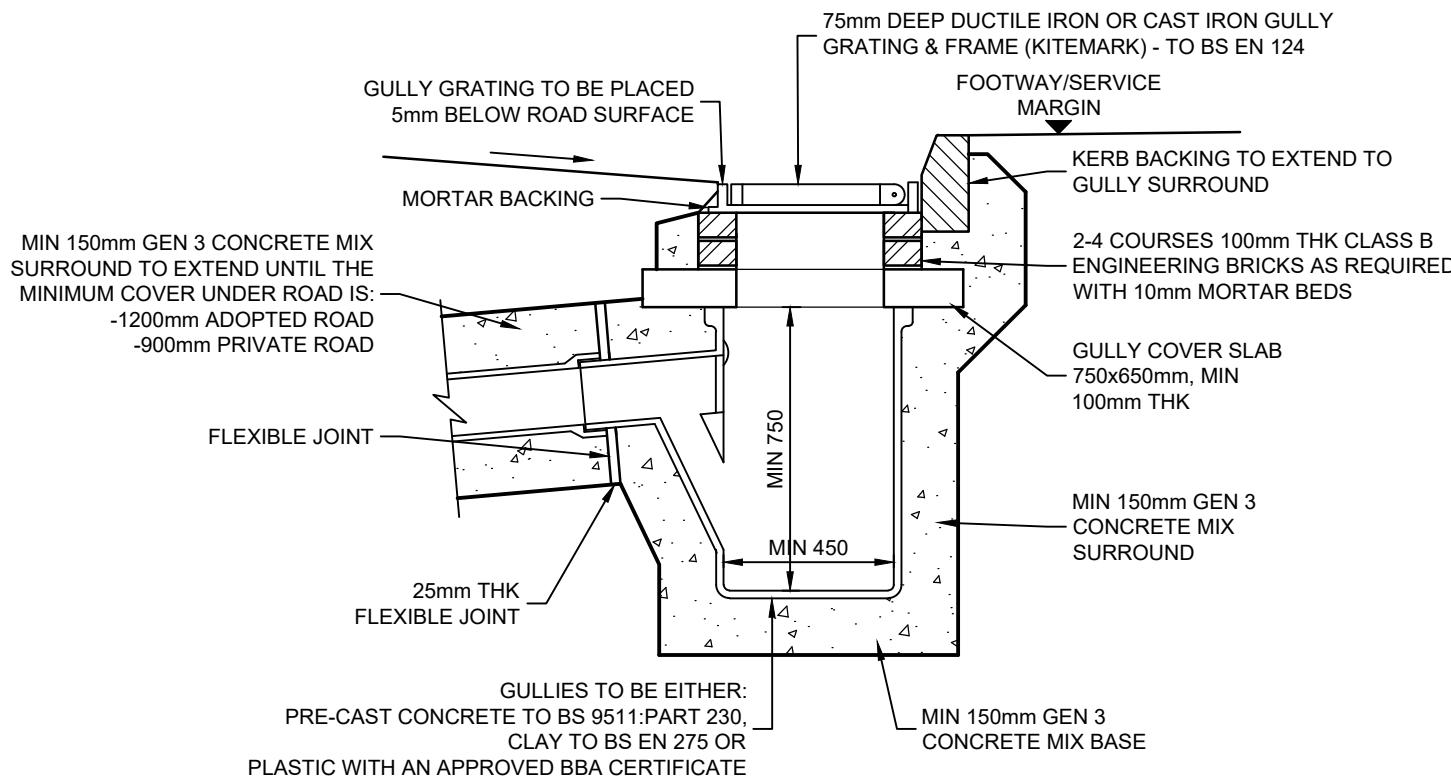
- FOR INVERT DETAILS, NUMBER OF BRANCHES AND TYPE OF GRATING COVER AND FRAME SEE THE CHAMBER SCHEDULE ON THE DRAINAGE LAYOUT
- PIPE TO BE BUILT INTO CATCHPIT TO DRAIN LOWER PORTION OF TRENCH, PIPE IS TO BE PLACED ABOVE ANY CONCRETE BED TO FILTER DRAIN
- INVERT OF OUTFALL PIPE SHALL BE min. OF 50 BELOW LOWEST INCOMING PIPE



SECTION
TYP. CATCHPIT DETAIL
1:20



TYP. WET SWALE SECTIONAL DETAIL
NTS



GULLY DETAIL (G)
1:20

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, ENGINEER'S AND OTHER SPECIALISTS' DRAWINGS.
- PLEASE REFER TO DATRYS DRAWING 21338/501 FOR DRAINAGE LAYOUT
- ALL CONCRETE SHALL BE GEN3 WITH SULPHATE RESISTING IN ACCORDANCE WITH BS8900 U.N.O.
- ALL GRAVITY PVC-U PIPEWORK TO BE TO BS EN 13598-1:2010 OR BS EN 1401-1:2009 WHERE RELEVANT UNLESS NOTED OTHERWISE
- DRAWING BASED ON USE OF ACCESS SYSTEMS BY HEPWORTH DRAINAGE (TEL: 08704435551). CONTRACTOR SHALL COMPLY WITH ALL MANUFACTURERS INSTALLATION INSTRUCTIONS. USE OF SIMILAR CHAMBERS BY OTHER MANUFACTURERS OF SIMILAR QUALITY IS ACCEPTABLE
- CLAUSES (e.g E2.32) REFER TO SEWER FOR ADOPTION 7 OR CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY

NOTES FOR PIPE BEDDING & SURROUND

- BACKFILLING TO PIPE TRENCHES BENEATH ROADS, CAR PARKING AND STRUCTURES TO BE D.O.T. TYPE 1 GRANULAR MATERIAL UP TO FORMATION LEVEL FROM THE TOP OF THE SPECIFIED PIPE SURROUND (WELL COMPACTED IN 150mm MAX LAYERS).
- OPTIMUM TRENCH WIDTH = PIPE+300mm. CONTRACTOR TO ENSURE TRENCH WALLS ARE SUITABLY PROPPED
- BACKFILL MUST NOT BE PLACED ON CONCRETE BEDDING OR SURROUND UNTIL THE CONCRETE COMPRESSIVE STRENGTH HAS REACHED 15N/mm²
- BRICKS OR BLOCKS MUST NOT BE PLACED IN THE BEDDING MORTAR FOR SETTING THE PIPES TO LEVEL
- ALL ROCKER PIPE LENGTHS : 600mm
- MAX DISTANCE FROM FACE OF CONC SURROUND TO FIRST FLEXIBLE JOINT TO BE 150mm

REV	DATE	DESCRIPTION	BY	CHK	APP

REVISIONS

FOR PLANNING

CLIENT

Magellan Aerospace (UK) Limited

PROJECT

Yard Extension at
Former Tyson Building

TITLE

Drainage Details



DATRYS
Unit 6 Block A, Oak Pistoria
Caernarfon, LL55 1TH
Tel: 01286 571027
Head
Suite 4A, Broncoed House
Wrexham Road, Mold, CH7 1HP
Tel: 01352 706205
info@datrys.coop | www.datrys.net

DRAWN	AA	CHECKED	AC	PASSED	AC
DATE	15.12.21	CLIENT'S REF.			
SCALE AT A1	AS SHOWN	AUTOCAD REF.	502		
DRAWING No.	21338/502				REVISION P1