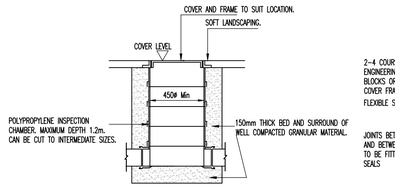
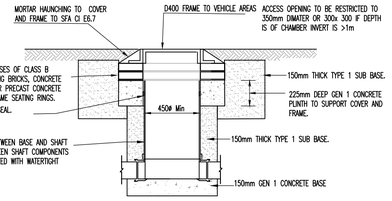
TYPICAL ACCESS CHAMBER DETAIL–TYPE 3 (FLEXIBLE MATERIAL DETAIL) SITED SOFT LANDSCAPE AREA



TYPICAL ACCESS CHAMBER DETAIL–TYPE 3 (FLEXIBLE MATERIAL DETAIL) TRAFFICKED AREA INCLUDING



TYPICAL MANHOLE TYPE C

DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE LESS THAN 1.5m MAXIMUM PIPE SIZE 450mm DIAMETER. RIGID MATERIAL CONSTRUCTION

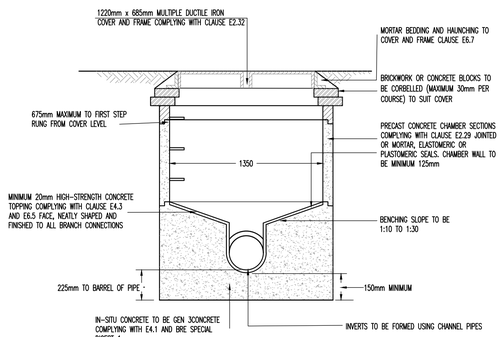


FIGURE B 15
TYPICAL MANHOLE DETAIL– TYPE C

MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE LESS THAN 1.5m MAXIMUM PIPE SIZE 450mm DIAMETER RIGID CONSTRUCTION

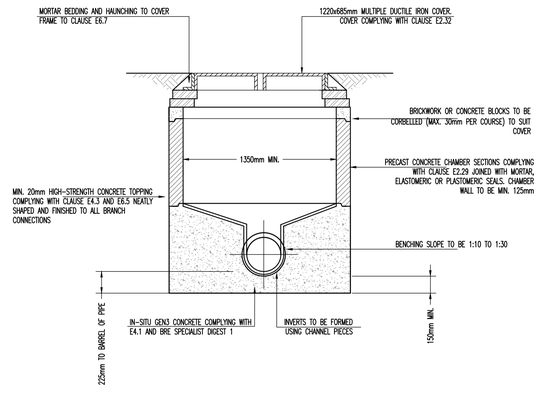
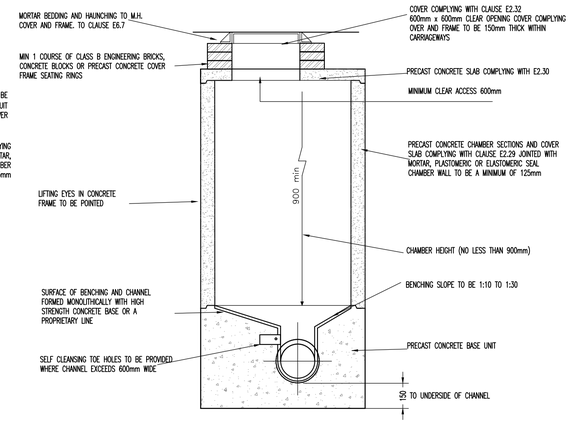


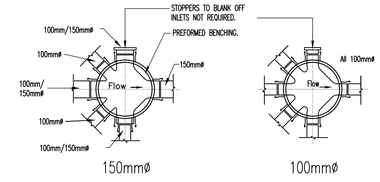
FIGURE B 9
TYPICAL MANHOLE DETAIL– TYPE B

DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 1.5m to 3.0m RIGID MATERIAL CONSTRUCTION WITHOUT CONCRETE SURROUND



NOTES

1. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY, IF IN DOUBT ASK.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS AND SPECIFICATIONS.



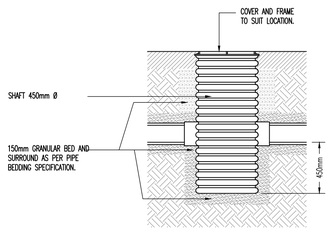
ROCKER PIPES

Nominal Diameter (mm)	Effective Length (mm)
150–600	0.600
675–750	1.000
over 750	1.250

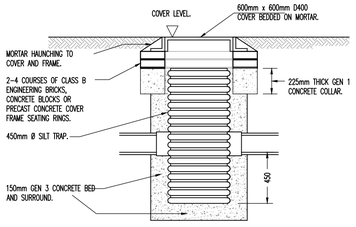
NOTE

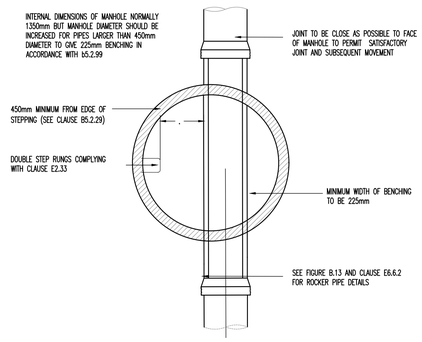
PRIVATE DRAINAGE TO BE CONSTRUCTED IN ACCORDANCE WITH THE BUILDING REGULATIONS "APPROVED DOCUMENT H".

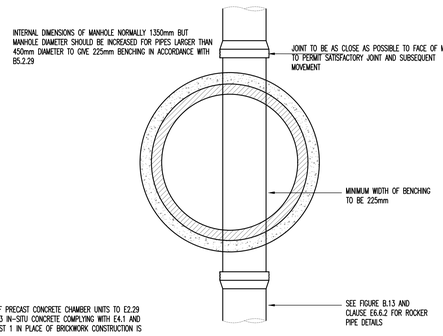
SILT TRAP



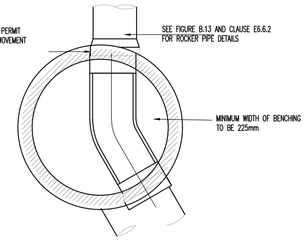
SILT TRAP WITH HEAVY DUTY D400 COVER AND FRAME



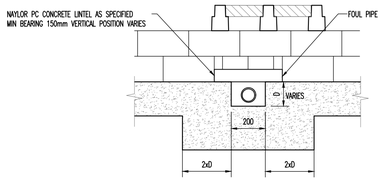




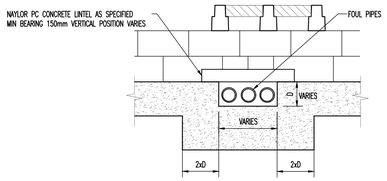
NOTE: THE USE OF PRECAST CONCRETE CHAMBER UNITS TO E2.29 WITH 150mm GEN3 IN–SITU CONCRETE COMPLYING WITH E4.1 AND BRE SPECIAL DIGEST 1 IN PLACE OF BRICKWORK CONSTRUCTION IS PERMITTED



TYPICAL SECTION WHERE CONCRETE FOUNDATION DROPPED LOCALLY TO SUIT PIPE INVERT

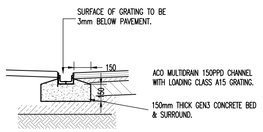


TYPICAL SECTION WHERE CONCRETE FOUNDATION DROPPED LOCALLY TO SUIT PIPE INVERT



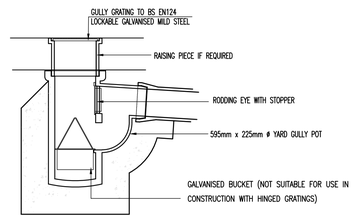
ACO MULTIDRAIN CHANNEL TO PAVED AREAS

PAVING INTERFACES VARY DEPENDING ON LOCATION
CAN ALSO BE USED IN REFUSE STORE IN LIEU OF A TRADITIONAL TRAPPED GULLY

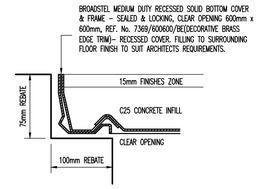


TYPICAL INTERNAL GULLY

ALTERNATIVES ALLOWED SUBJECT TO APPROVAL

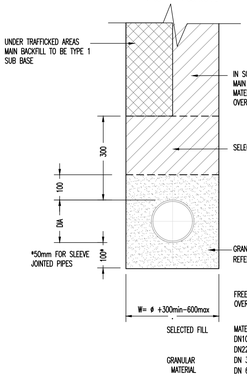


INTERNAL COVER AND FRAME



CLASS S

TO BE USED WHEN COVER IS > 1.2m IN CARRIAGEWAY > 501mm IN SOFTSCAPE

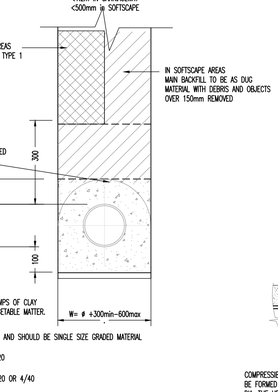


FREE FROM STONES LARGER THAN 40mm, LUMPS OF CLAY OVER 100mm, TIMBER, FROZEN MATERIAL, VEGETABLE MATTER.

MATERIAL SHOULD CONFORM TO BS EN 1610 AND SHOULD BE SINGLE SIZE GRADED MATERIAL
DN100 AND DN 150: SIZE 4/10.
DN225 AND DN 300: SIZE4/10,10/20 OR 4/20
DN 375 AND DN 500 SIZE 10/20 OR 4/20
DN 600 AND ABOVE: SIZE 10/20, 20/40, 4/20 OR 4/40

CLASS Z

TO BE USED WHEN COVER IS <1.2m IN CARRIAGEWAY <500mm in SOFTSCAPE



NOTES: (CLASS S & CLASS Z)

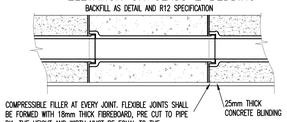
1. BEDDING BENEATH AND AT SIDES OF THE PIPE TO BE WELL COMPACTED.
2. WHERE A CONCRETE CRADLE IS PROVIDED, THE FIRST 300mm OF FILL ABOVE THE CROWN OF THE PIPE IS TO BE LIGHTLY COMPACTED BY HAND. MECHANICAL COMPACTION MAY BE USED ONLY ABOVE THIS LEVEL.
3. CONCRETE CRADLES AND ARCHES MAY BE EXTENDED TO THE SIDES OF THE TRENCH.
4. GEOTEXTILES MAY BE USED WHERE DIRECTED OR APPROVED BY THE ENGINEER TO CONTAIN BEDDING MATERIAL IN CERTAIN SOILS EG. RUNNING SAND.
5. IN VERY WET CONDITIONS, WHERE DIRECTED OR APPROVED BY THE ENGINEER A TEMPORARY LAND DRAIN MAY BE LAID WITHIN THE GRANULAR BED.

NOTES: (CLASS Z ONLY)

6. WHERE PIPES WITH FLEXIBLE JOINTS ARE USED THE CONCRETE PROTECTION SHALL BE INTERRUPTED OVER ITS FULL CROSS–SECTION AT EACH JOINT BY A SHAPED 18mm COMPRESSIBLE FILLER. IF PIPES ARE SURROUNDED IN CONCRETE THE JOINTS SHALL BE PROTECTED FROM THE INGRESS OF CONCRETE BY WRAPPING THEM WITH TWO COATS OF MASTIC BANDAGE TAPE.
7. CONCRETE TO BE GEN 1
8. WHERE FLEXIBLE PIPES ARE USED, CARE MUST BE TAKEN TO PREVENT THE PIPES FROM FLOATING.

ELEVATION ON CLASS Z BEDDING

BACKFILL AS DETAIL AND R12 SPECIFICATION



DETAILS ADJACENT STRIP FOUNDATIONS

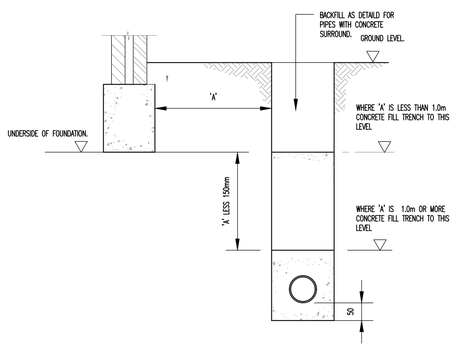
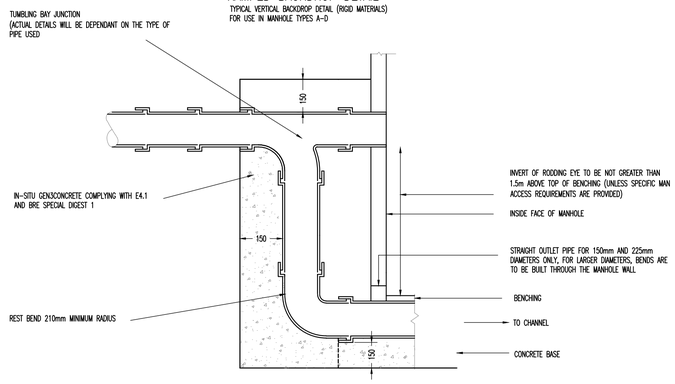


FIGURE B 16
RAMPED BACKDROP DETAIL

TYPICAL VERTICAL BACKDROP DETAIL (RIGID MATERIALS) FOR USE IN MANHOLE TYPES A–D



T1	TENDER ISSUE	RN
31.05.24	–	–
REVISION		DRAWN
DATE		CHECKED

Client:
ANAVO DEVELOPMENTS LIMITED

Project Title:
HAVANT :
HAVANT CARE HOME
BARTONS ROAD, HAVANT

Drawing Title:
DRAINAGE CONSTRUCTION DETAILS

Drawn By: RN	Scales: NTS@A1
Date: APRIL 2024	Drawing Number: 11063–504 Rev: T1
Checked By: ANR	
Date: APRIL 2024	
Drawing Status: TENDER	

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