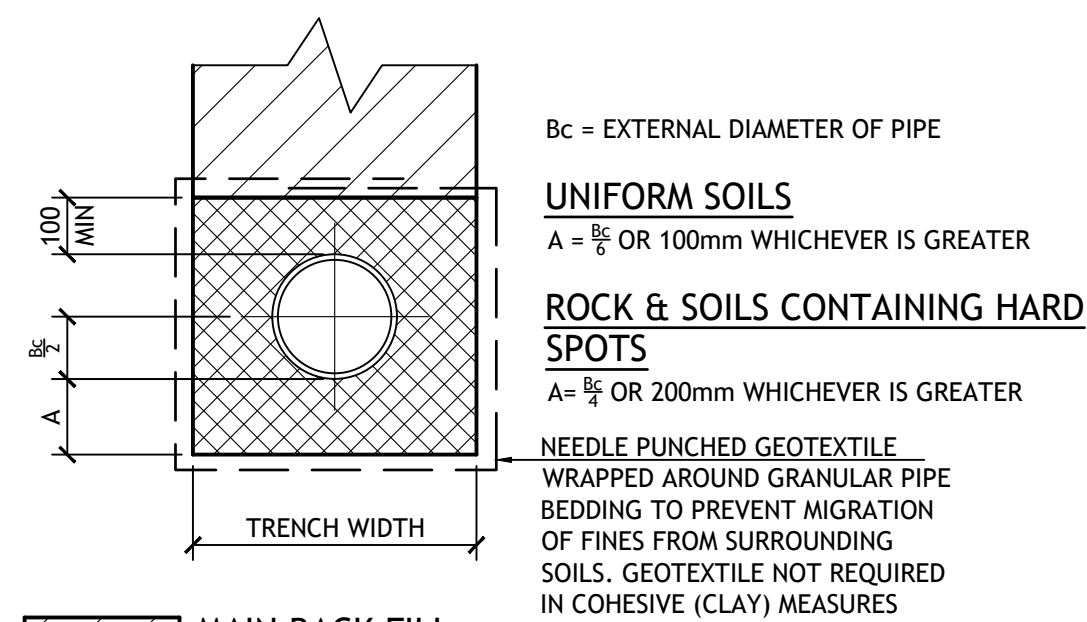
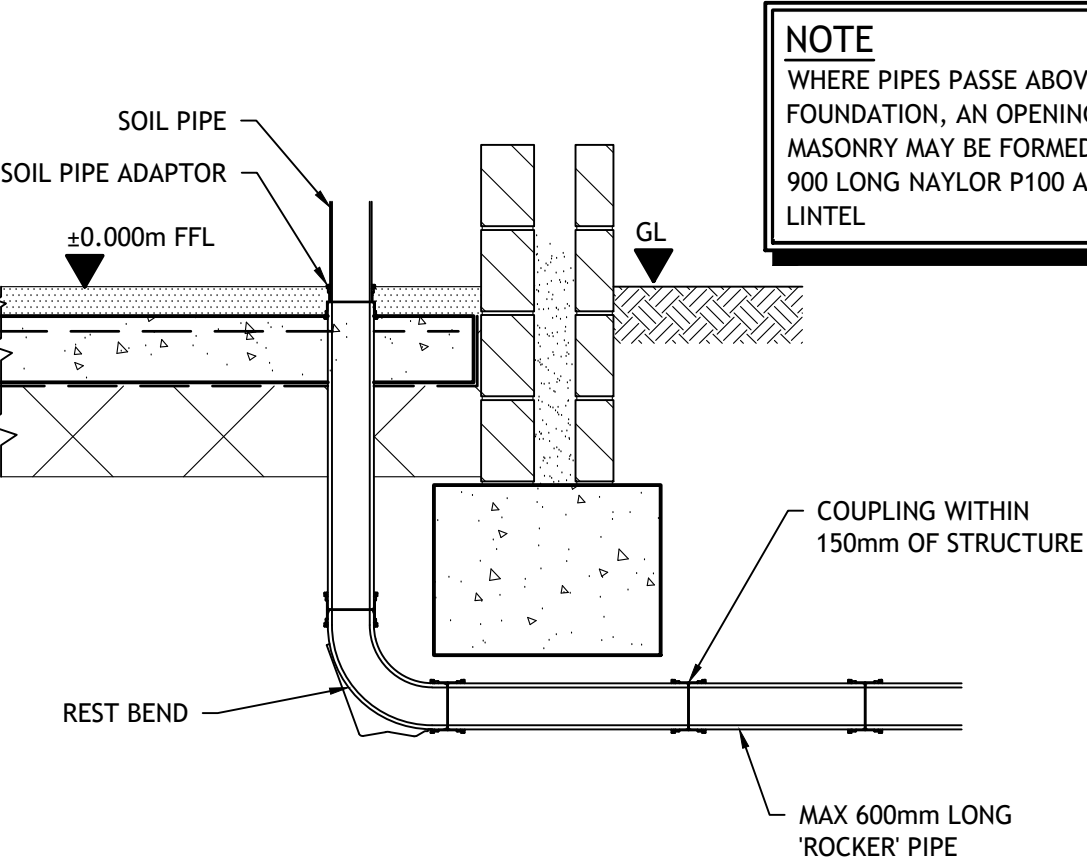




MAIN BACK FILL
SELECTED EXCAVATED MATERIAL. COMPACTED IN LAYERS NOT EXCEEDING 225mm. IN COHESIVE SOILS TRENCHES UNDER ROADS AND HARD STANDINGS SHALL BE BACK FILLED WITH IMPORTED GRANULAR MATERIAL.

TYPE A GRANULAR BEDDING
BEDDING

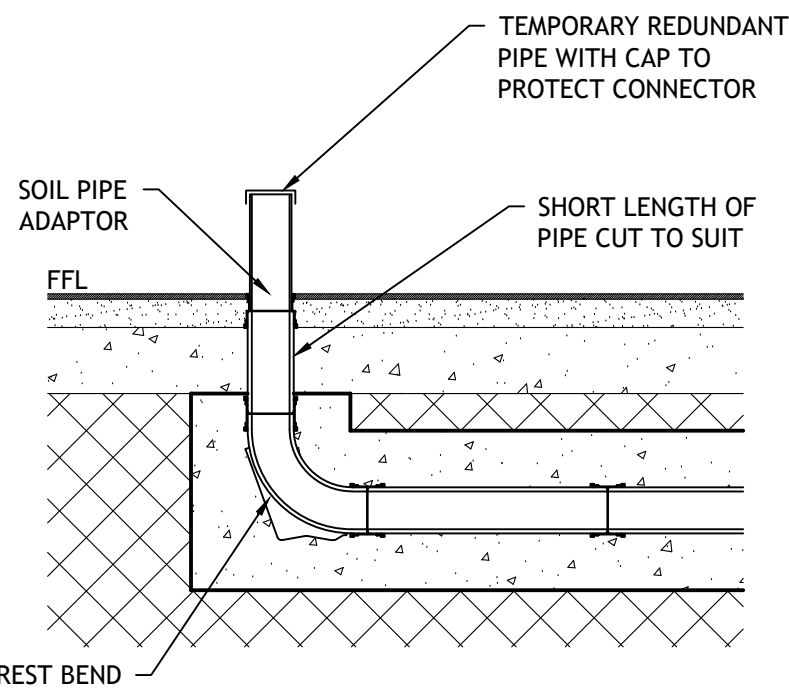
PIPE BEDDING DETAILS CLASS S SCALE 1:20



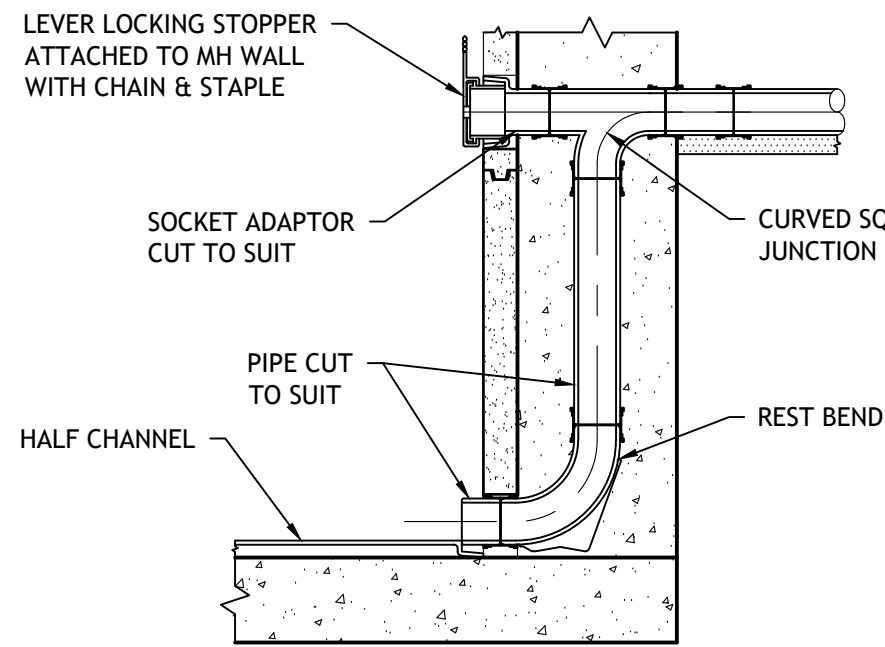
NOTE
WHERE PIPES PASSE ABOVE A FOUNDATION, AN OPENING IN THE MASONRY MAY BE FORMED WITH A 900 LONG NAYLOR P100 AND P140 LINTEL

SOIL & VENT PIPE DETAIL (CLOSE TO WALL)

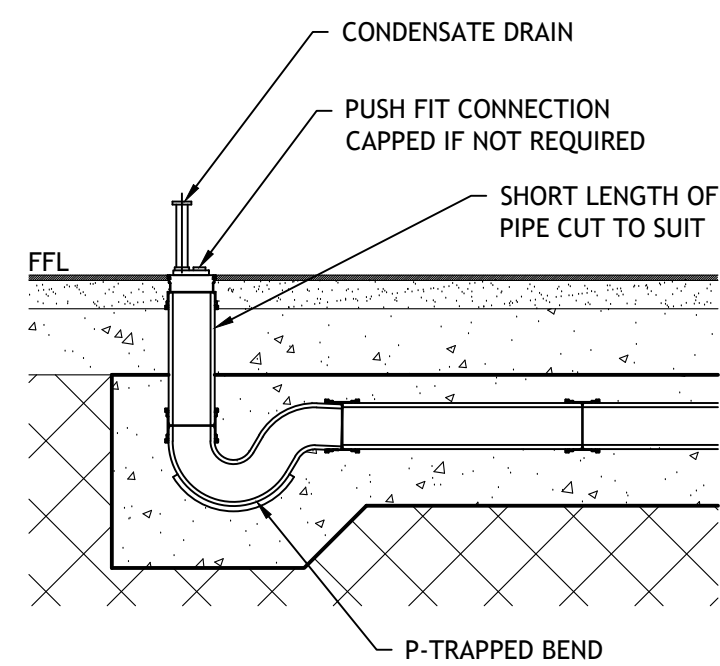
ALL DRAINAGE BENEATH THE SLAB IS TO BE ENCASED IN A MINIMUM OF 150mm CONCRETE
SCALE 1:20



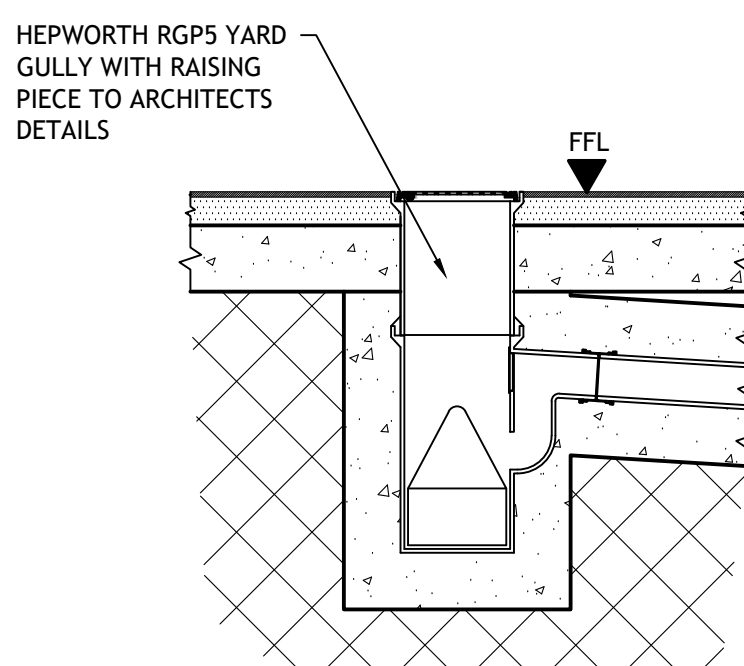
SVP/STUB STACK DETAIL SCALE 1:20



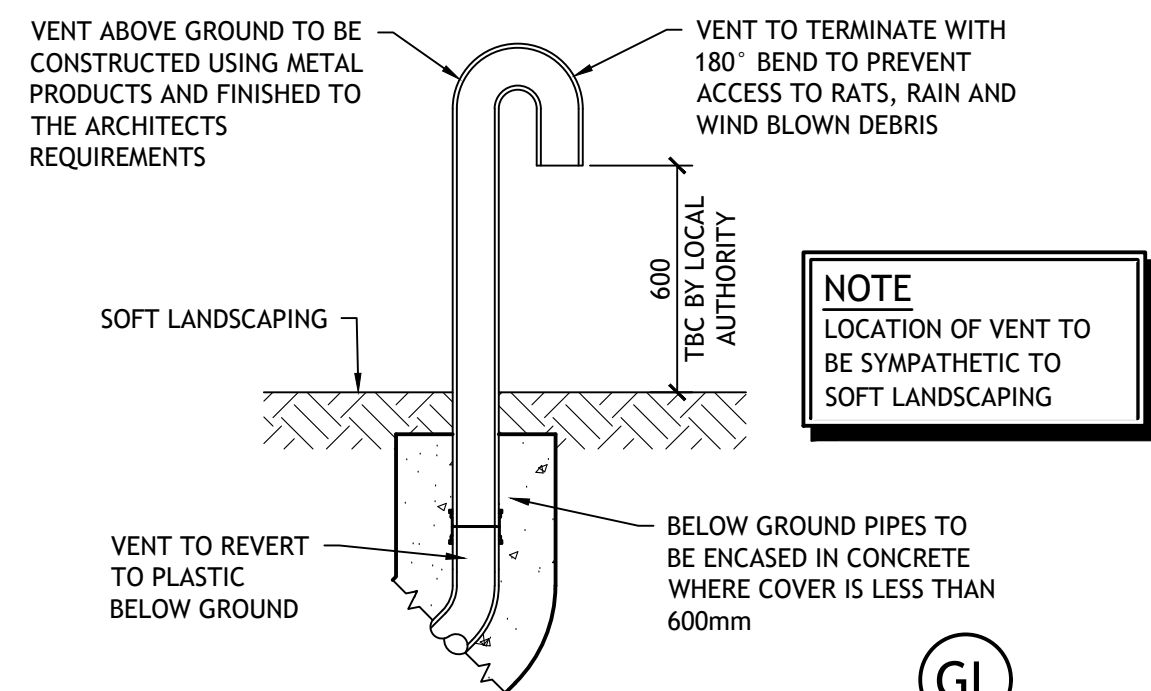
BACKDROP DETAIL SCALE 1:20



CONDENSATE DETAIL ALL DRAINAGE BENEATH THE SLAB IS TO BE ENCASED IN A MINIMUM OF 150mm CONCRETE. SCALE 1:20

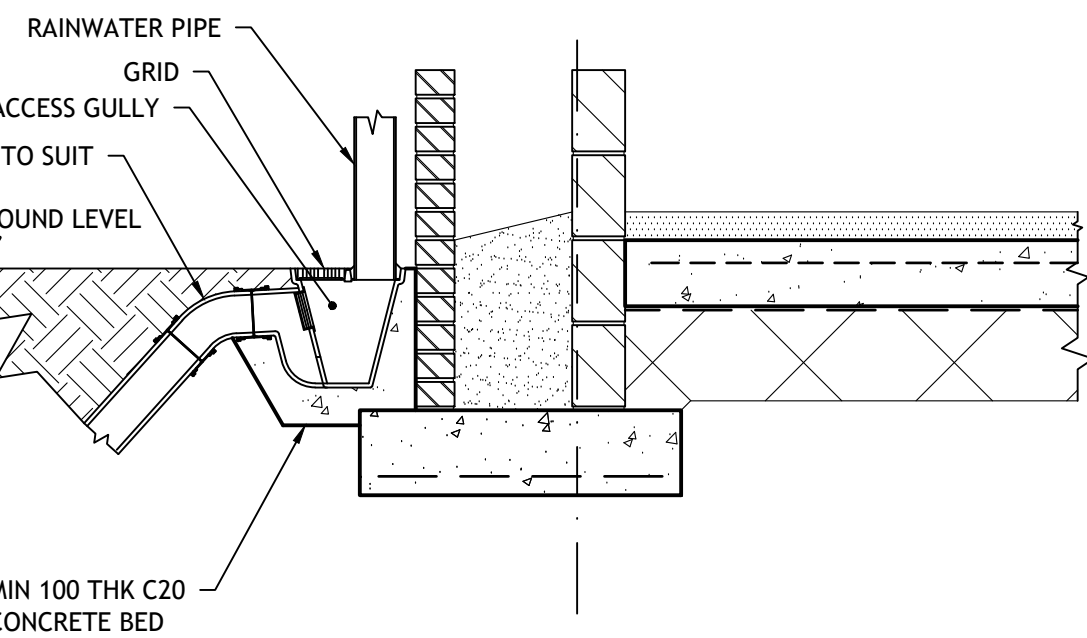


FLOOR GULLY DETAIL GULLY GRATING DETAIL TO BE TAKEN FROM HARRIS PARTNERSHIP DRAWINGS SCALE 1:20

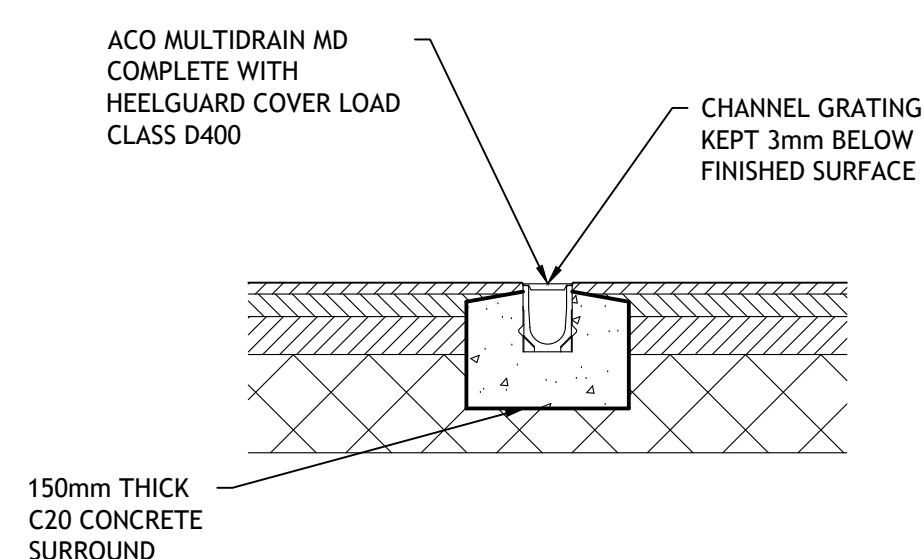


SEPARATOR VENT DETAIL MINIMUM REQUIREMENT SCALE 1:20

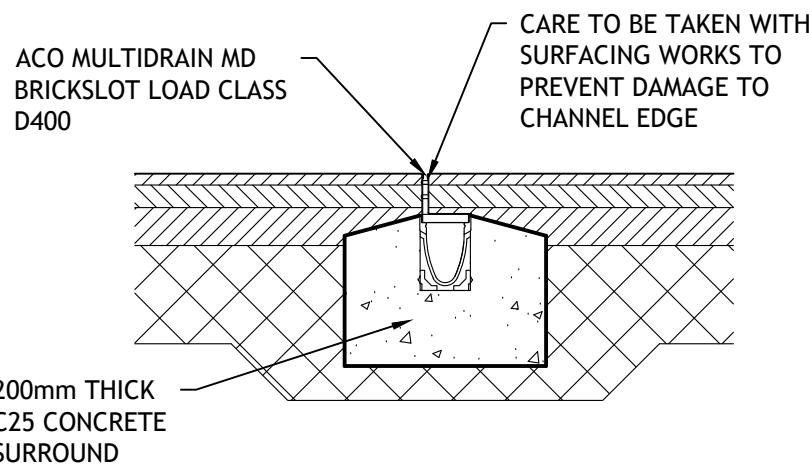
NOTE
LOCATION OF VENT TO BE SYMPATHETIC TO SOFT LANDSCAPING



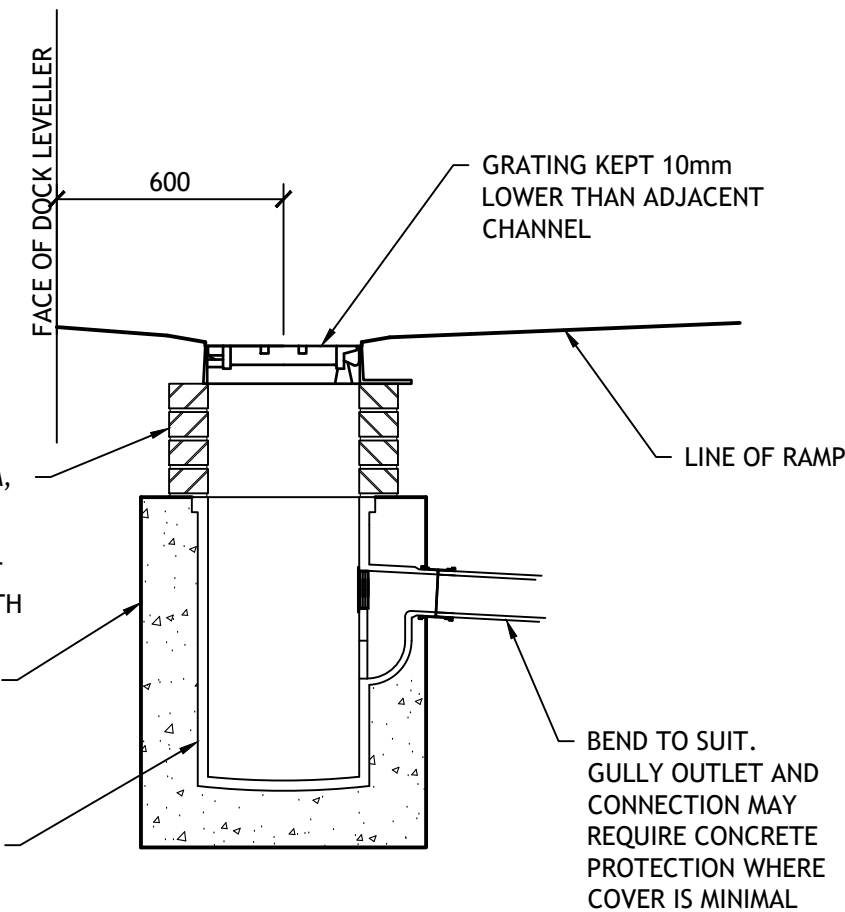
RAINWATER PIPE AND BACK INLET GULLY SCALE 1:20



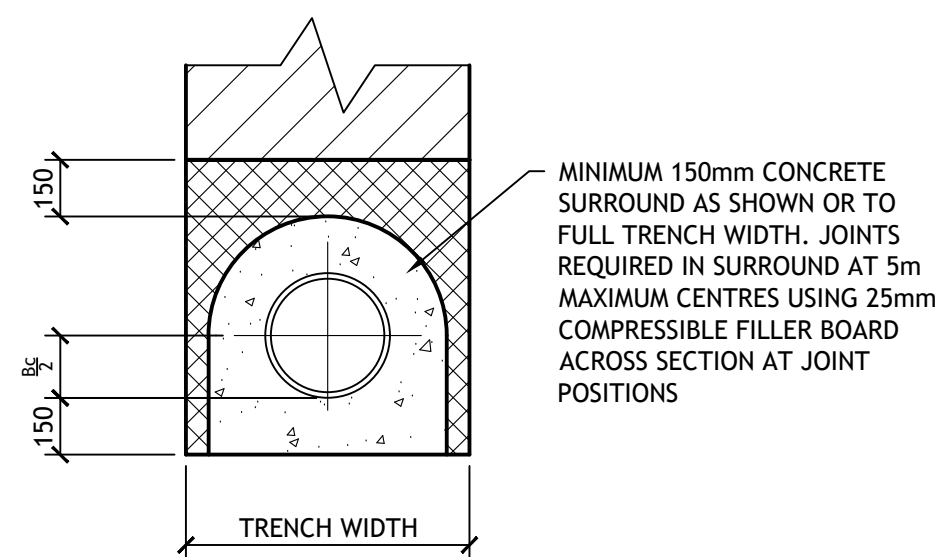
ACO CHANNEL DETAIL SCALE 1:20



ACO BRICKSLOT CHANNEL DETAIL SCALE 1:20



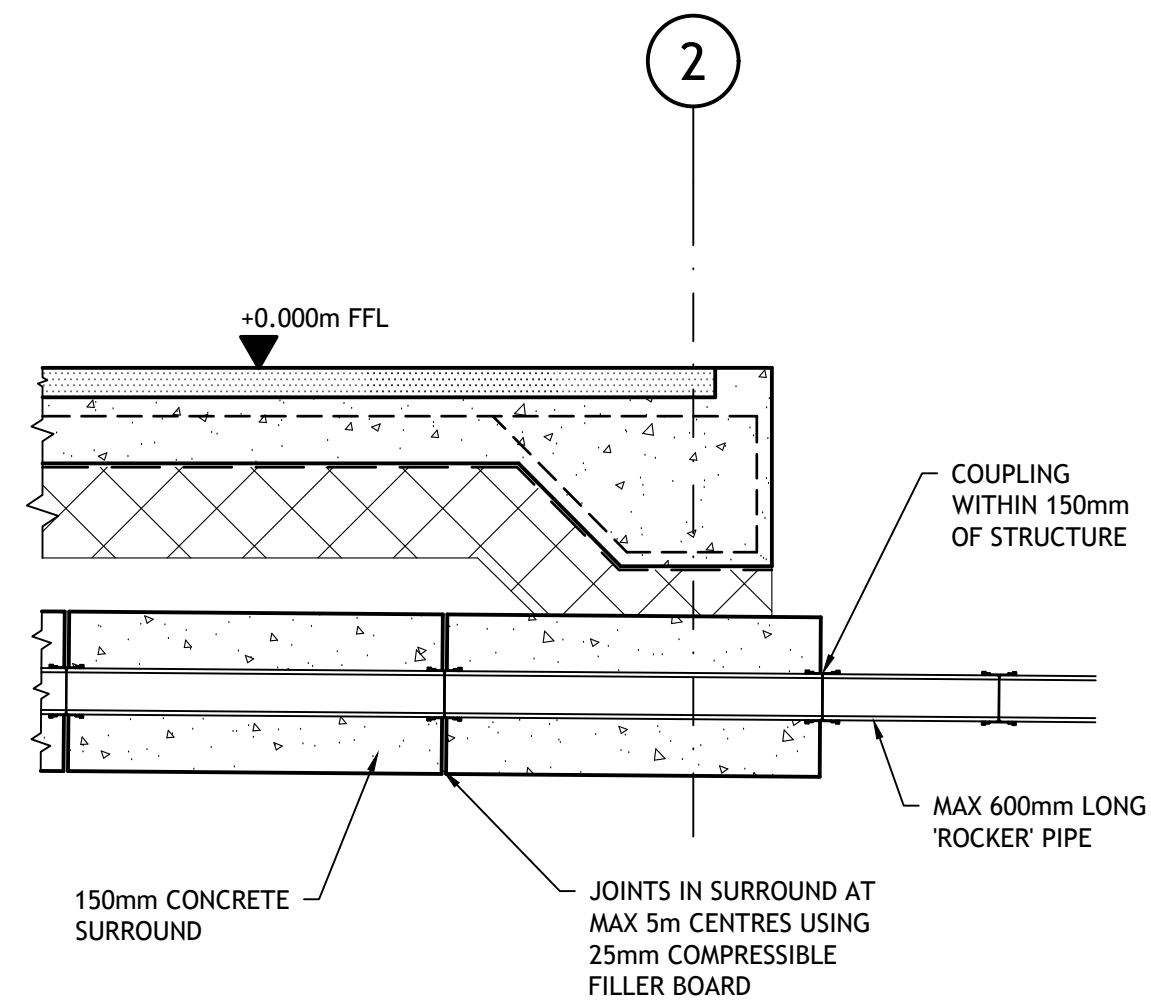
RAMP BASE DETAIL SCALE 1:20



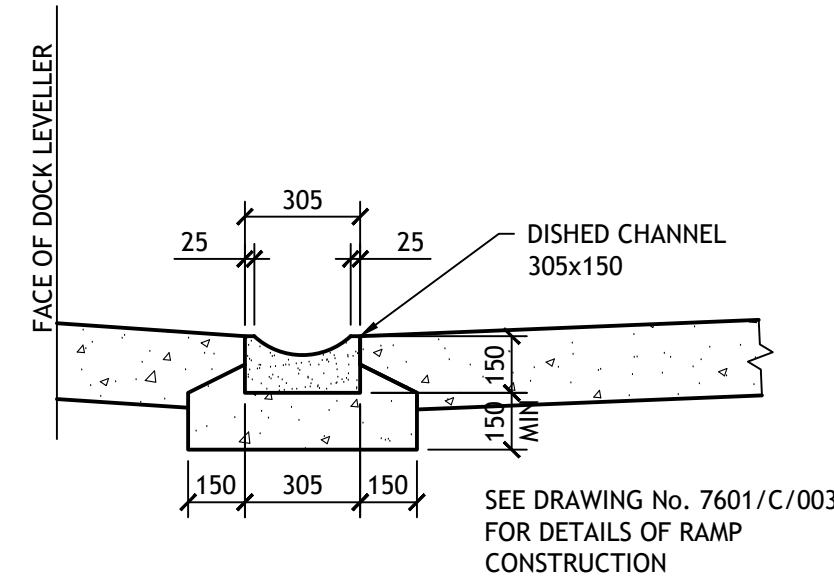
MAIN BACK FILL
SELECTED EXCAVATED MATERIAL. COMPACTED IN LAYERS NOT EXCEEDING 225mm. IN COHESIVE SOILS TRENCHES UNDER ROADS AND HARD STANDINGS SHALL BE BACK FILLED WITH IMPORTED GRANULAR MATERIAL.

TYPE A GRANULAR BEDDING
BEDDING

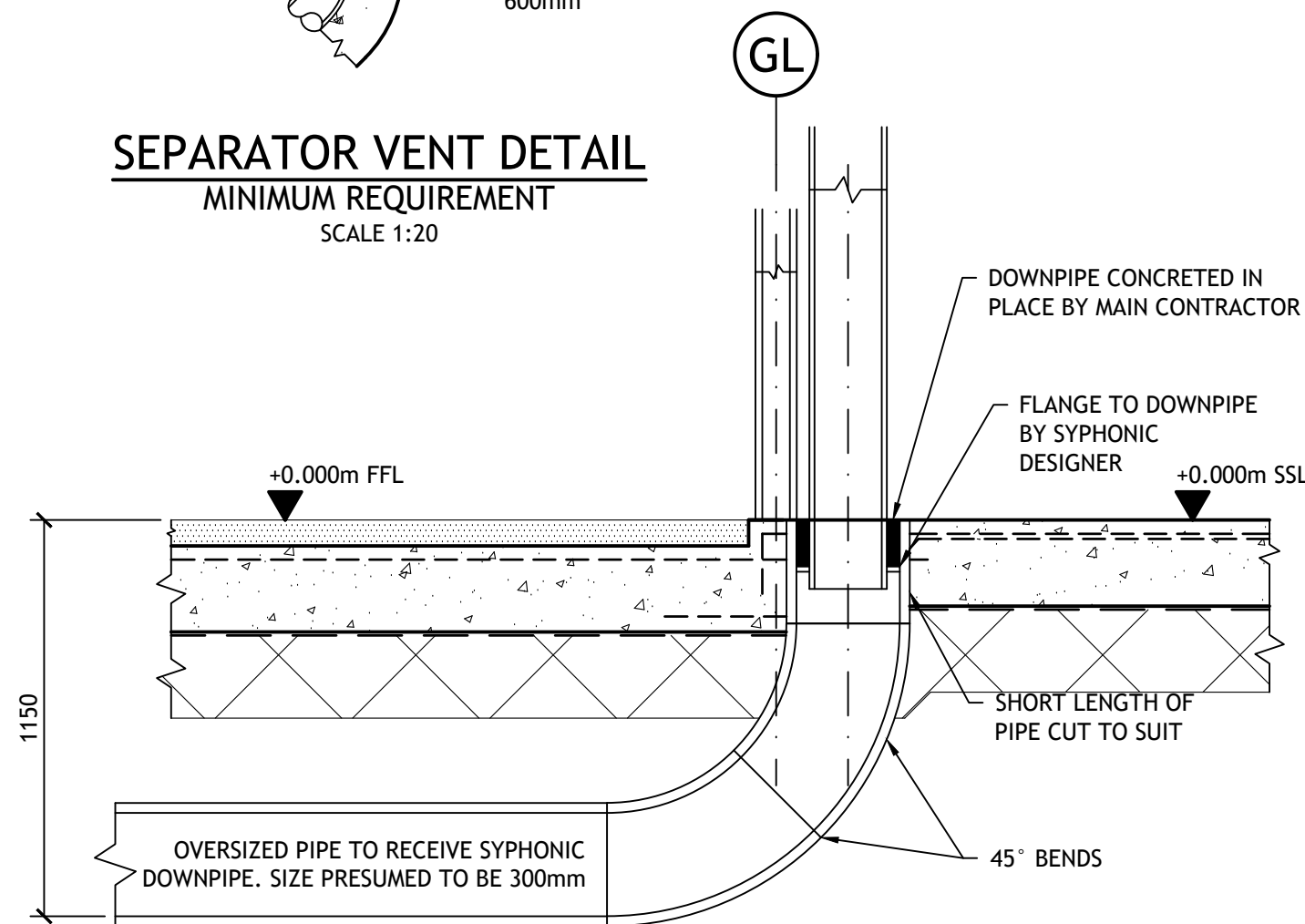
CONCRETE SURROUND DETAIL WHERE COVER LESS THAN 1.2m UNLESS AGREED OTHERWISE WITH BUILDING CONTROL SCALE 1:20



TYPICAL SLAB EDGE DETAIL SHOWING CONCRETE SURROUND SCALE 1:20



RAMP BASE DETAIL SCALE 1:20



TYPICAL SYPHONIC RWP CONNECTION DETAIL TO BE AGREED WITH MANUFACTURER SCALE 1:20

GENERAL

- All drawings to be read in conjunction with the specification
- All drawings to be read in conjunction with the relevant architectural and structural drawings.
- All dimensions are in millimetres unless noted otherwise.
- All levels are in metres relative to ordnance datum.
- All dimensions are to be checked on site by the contractor prior to the commencement of construction

DRAINAGE

- This drawing uses the architectural drawing as a background. The contractor should use architectural drawings for setting out of all pop-ups and above ground drainage positions.
- Reference should be made to all other drainage drawings provided by SWF Consulting which gives construction details.
- This drawing is to be read in conjunction with the drainage specification prepared for this project.
- The design of the pipes has been based on the following:
 - 100Ø foul water pipe: Wavin Osmadrain
 - 150Ø or larger foul water pipe: Wavin Ultrarib
 - 150Ø or larger surface water pipe: Wavin Twinwall.Alternative products may be used with prior approval from SWF Consulting.
- The exact location of the outfall pipe/manhole is to be checked and confirmed to SWF Consulting prior to commencement of any drainage works.
- Reference should be made to any CCTV survey, sewer records which indicate the existing drainage systems.
- On completion of the contract, the pipes and oil separator shall be jet cleaned to remove any silt or construction debris and a CCTV survey should be undertaken.
- Once the as-built survey has been completed a copy of the survey logs should be issued to SWF Consulting together with the video footage for their comment with duplicate copies being issued to the CDM co-ordinator for inclusion in the health & safety files.
- Cover levels are indicative and may need to be adjusted to suit the actual finished levels of the external areas.
- Gradients indicated on pipes are minimum gradients required. However, manhole invert levels are to take precedence over these gradients.
- Positions of manholes, gullies and drainage are to be set out by the contractor to avoid white lining delineating car parking areas, kerb lines etc.

P01	23.06.23	D2: Issued for Tender	DR
Rev	Date	Description	By
Client			
ALDI STORES LTD			
Project Title			
9104 - ALDI STORE			
Project Address			
VICTORIA AVENUE EAST MOSTON			
Drawing Title			
DRAINAGE DETAILS SHEET 1			
Job No.			
79-E1529	SWF	XX	XX
System Classification			
PM_40_40	1402	D2	P01
Drawn			
DR	PSS	JUNE 2023	AS SHOWN
Checked			
DR	PSS	JUNE 2023	AS SHOWN
Date			
DR	PSS	JUNE 2023	AS SHOWN
Scale			
DR	PSS	JUNE 2023	AS SHOWN
Size			
DR	PSS	JUNE 2023	AS SHOWN

Unit 4, Millbank House, Riverside Business Park,
Wilmslow, Cheshire. SK9 1BJ.
Tel: 01625 419866
email: mail@swf.uk.com
www.swf.uk.com

SWF CONSULTING
CONSULTING CIVIL & STRUCTURAL ENGINEERS