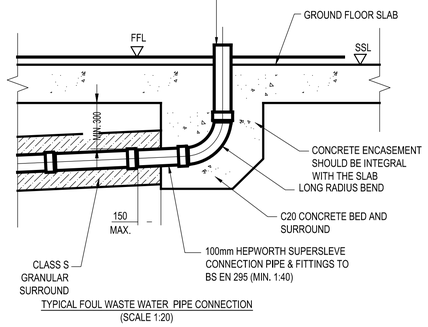
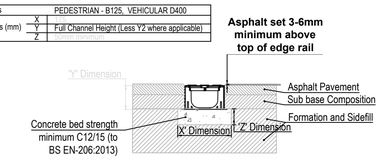
NOTE:
WHERE STACK IS CONVEYING OVER 3 STOREYS, TAIL OF BEND TO BE MIN. 750mm BELOW FFL. IF GROUND FLOOR AND FLOORS ABOVE ARE SEPARATE, TAIL OF BEND TO BE MIN. 450mm BELOW FFL.

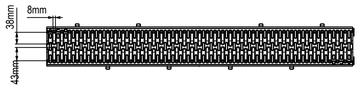


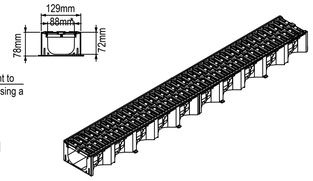
TYPICAL FOUL WASTE WATER PIPE CONNECTION
(SCALE 1:20)

Load Class		PEDESTRIAN - B125, VEHICULAR D400
Minimum Dimensions (mm)	X	
	Y	Full Channel Height (Less Y2 where applicable)
	Z	



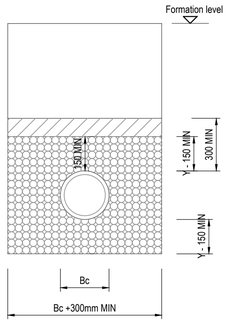
ACO HexDrain Asphalt Pavement



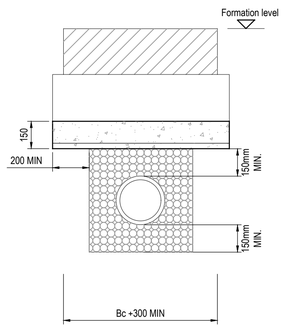


ACO HexDrain Block Pavement

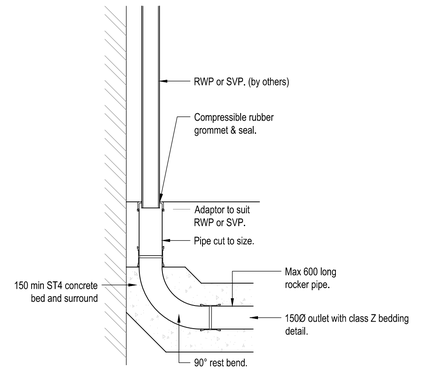
ACO HEX DRAIN CHANNEL
TYPICAL DETAILS
SCALE 1:10



CLASS S DETAIL



CLASS S DETAIL WITH RC SLAB
COVER < 1200mm FOR HIGHWAYS COVER
< 900mm FOR NON-VEHICULAR ACCESS



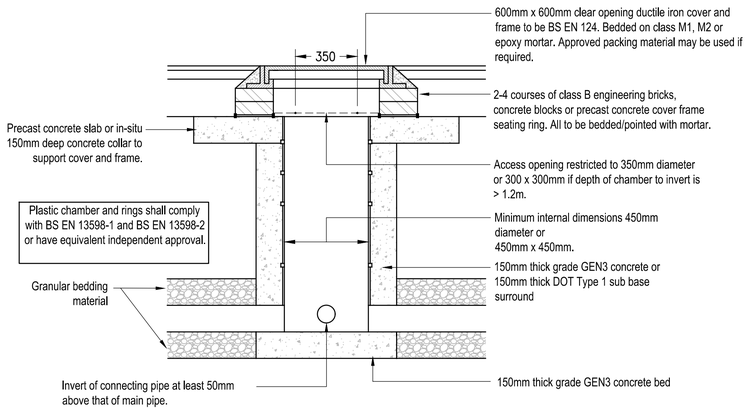
TYPICAL EXTERNAL RWP CONNECTION DETAIL 1
1:20

NOMINAL PIPE DIA (mm)	SINGLE SIZED (mm)	GRADED (mm)
150 200 to 300 375 to 525 Greater than 525	10 or 14 10,14 or 20 14 or 20 14,20 or 40	14 to 5 14 to 5 or 20 to 5 14 to 5 or 20 to 5 14 to 5,20 to 5 or 40 to 5

GRANULAR BEDDING MATERIAL
(ALL AGGREGATES TO TABLE 4 OF BS 882:1983)

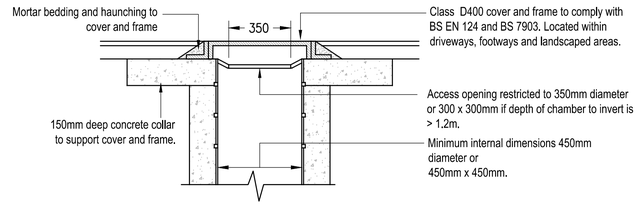
NOTES
A) Bc = OUTSIDE DIAMETER OF PIPE BARREL.
B) Y = FOR UNIFORM SOILS:
SLEEVE JOINTED PIPES, MIN. 150mm OR ¼ Bc, WHICHEVER IS THE GREATER.
SOCKETED PIPE, MIN. 150mm OR ¼ Bc, WHICHEVER IS THE GREATER UNDER BARRELS AND NOT LESS THAN 50mm UNDER SOCKETS.

FOR ROCK OR MIXED SOILS CONTAINING ROCK BANDS, BOULDERS, STONES OR OTHER IRREGULAR HARD SPOTS:
SLEEVE JOINTED PIPES, MIN. 150mm OR ¼ Bc, WHICHEVER IS THE GREATER.
SOCKETED PIPE, MIN. 200mm OR ¼ Bc, WHICHEVER IS THE GREATER UNDER BARRELS AND NOT LESS THAN 150mm UNDER SOCKETS.

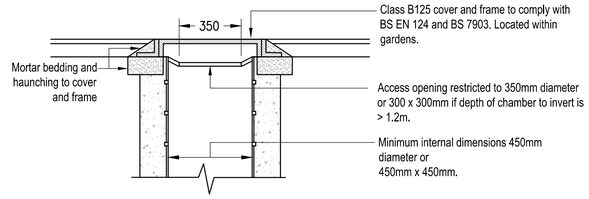


TYPICAL INSPECTION CHAMBER DETAIL

MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE IN AREAS SUBJECT TO VEHICLE LOADING
3m, NON-ENTRY

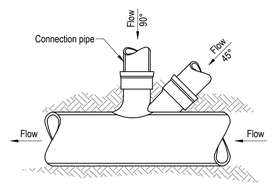


SITED IN DOMESTIC DRIVEWAYS OR FOOTWAYS



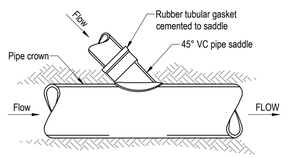
SITED IN DOMESTIC GARDENS

ALTERNATIVE TYPE 3 TOP DETAILS FOR LIGHT VEHICLE LOADING AND LANDSCAPED AREAS



TYPICAL JUNCTION CONNECTION DETAIL

OBLIQUE OR SQUARE CURVED JUNCTION CONNECTION TO BE USED WHEN PUBLIC SEWER IS NOT 3 PIPE SIZES LARGER THAN THE LATERAL (CONNECTION) TO BE CONNECTED



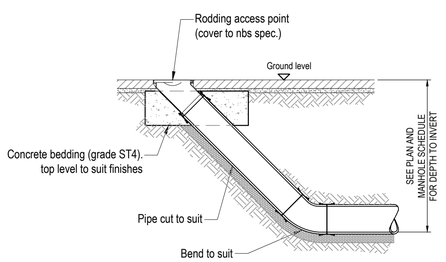
TYPICAL SADDLE CONNECTION DETAIL

SADDLE CONNECTION INTO PUBLIC SEWER IS ACCEPTABLE WHEN SEWER DIAMETER IS THREE INCREMENTS LARGER THAN CONNECTION DIAMETER. SADDLE CONNECTIONS MUST BE POSITIONED AT 10 O'CLOCK OR 2 O'CLOCK AND AT AN ANGLE OF 45°. SADDLES SHALL BE THE SAME MATERIAL AS EXISTING SEWER.

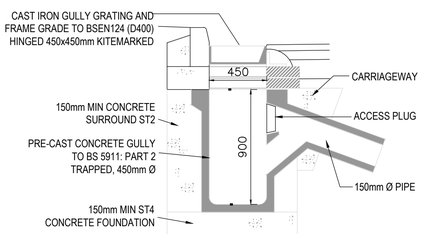
THE TABLE BELOW SHOWS IF A JUNCTION OR SADDLE MAY BE USED FOR VARIOUS PUBLIC SEWER AND LATERAL COMBINTIONS

LATERAL (dia im mm)	PUBLIC SEWER DIAMETER (mm)										
	100	150	225	300	375	450	525	600	675	750
100	JN	JN	JN	SA	SA	SA	SA	SA	SA	SA
150		JN	JN	JN	SA	SA	SA	SA	SA	SA
225			JN	JN	JN	SA	SA	SA	SA	SA
300				JN	JN	JN	SA	SA	SA	SA
375					JN	JN	JN	SA	SA	SA
450						JN	JN	JN	SA	SA

JN = JUNCTION
SA = SADDLE



PRIVATE TYPICAL RODDING EYE DETAIL



PRECAST CONCRETE ROAD GULLY DETAIL
SCALE 1:20

Notes-

All dimensions are in millimetres unless noted otherwise

DO NOT SCALE THIS DRAWING - IF IN DOUBT ASK

1. All dimensions & levels to be checked by the contractor prior to commencement of work, any discrepancy shall be reported immediately to Avie Consulting Ltd
2. All work shall be carried out in accordance with Local Authority, statutory authority, health & safety requirements and regulations.
3. The drawings shall be read in accordance with all other contract documents relevant at that time of issue and during the period of the contract.
4. The contractor must ensure the overall stability of the works is adequate at all stages of the construction.
5. No allowance has been made for cutouts, holes, notches, etc. for services. All of these are to be agreed prior to the start of the works.

Rev	Details	By	Chk	Date
P00	Initial issue	J.C.	N.A	26.10.23

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Client:
Priestroyd Construction

Project:
Pentlands, Holmfirth

Title:
Private Drainage Construction Details

Drawn:	Checked:	Date:	Scale:	Original dwg size
J.C.	N.A.	Oct 2023	As Stated	A1

Drawing Number: P3052-10-02 Rev: P00