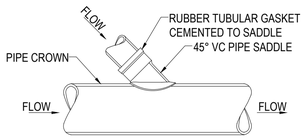


TYPICAL JUNCTION CONNECTION DETAIL

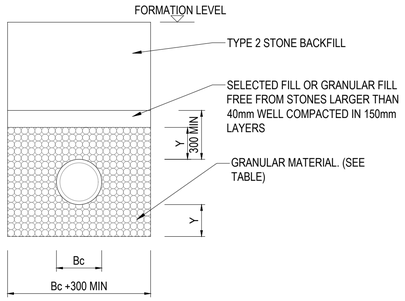
OBLIQUE OR SQUARE CURVED JUNCTION CONNECTION TO BE USED WHEN PUBLIC SEWER IS NOT 3 PIPE SIZES LARGER THAN THE LATERAL (CONNECTION) TO BE CONNECTED



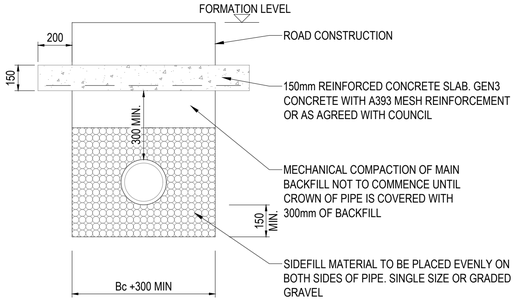
TYPICAL SADDLE CONNECTION DETAIL

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



CLASS S DETAIL



CLASS S DETAIL

COVER < 1200mm FOR HIGHWAYS COVER < 900mm FOR NONE VEHICULAR ACCESS

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)

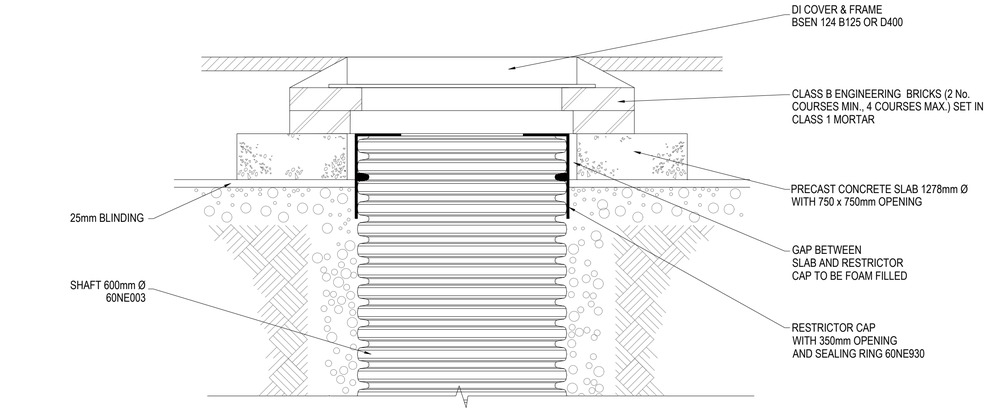
NOTES

A) Bc = OUTSIDE DIAMETER OF PIPE BARREL.

B) Y = FOR UNIFORM SOILS:

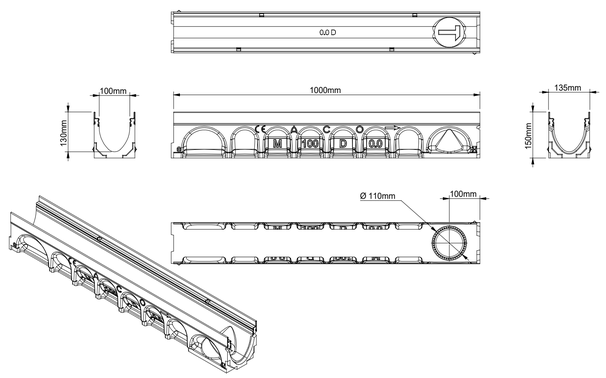
SLEEVE JOINTED PIPES, MIN. 50mm OR ⅙ Bc, WHICHEVER IS THE GREATER.
SOCKETED PIPE, MIN. 100mm OR ⅙ Bc, WHICHEVER IS THE GREATER UNDER BARRELS AND NOT LESS THAN 50mm UNDER SOCKETS.

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.



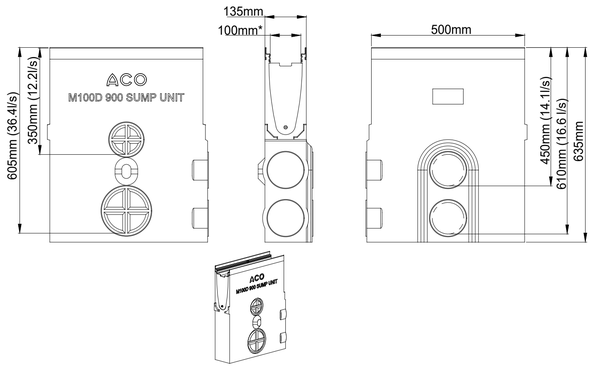
WAVIN RANGE 600 CHAMBER B125 / D400 LOADING

Scale: 1:10



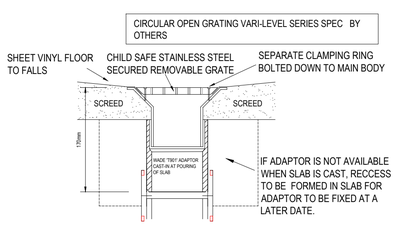
ACO MD100 0.0 DRAINAGE CHANNEL

Scale: 1:10



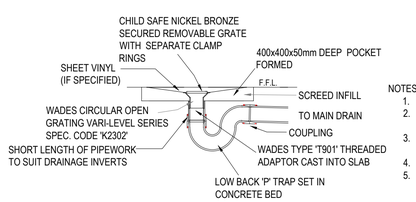
ACO MD100 0.0 DRAINAGE SUMP

Scale: 1:10



TRAPPED FLOOR GULLEY OUTLET

SCALE 1:5

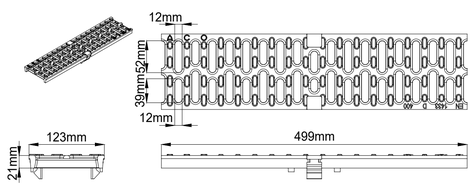


TRAPPED FLOOR GULLEY OUTLET

SCALE 1:5

NOTES: -

1. FOUNDATION CONTRACTORS TO PROVIDE 400x400x50 DEEP POCKET IN SLAB.
2. FOUNDATION CONTRACTOR TO SUPPLY AND CAST-IN WITH MAIN DRAINAGE WADES TYPE 'T901' THREADED ADAPTOR (ADAPTOR FINISHING FLUSH WITH LEVEL OF POCKET)
3. WADES CIRCULAR OPEN GRADING VARI-LEVEL SERIES SPEC CODE K2302. SUPPLIED BY FOUND. CONT. PLACED BY OTHERS.
4. POCKET SCREEDED AROUND GULLEY.
5. SHEET VINYL FLOORING SECURED UNDER STAINLESS STEEL SECURED REMOVABLE GRATE WITH SEPARATE CLAMP RINGS.



ACO MD100 10.0 IRON GRATING

Scale: 1:5

Notes-

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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.

Rev	Details	By	Chk	Date
Ø	Initial issue	J.C.	T.C.	01.04.2026

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Client: Modulek

Project: Colliers Park, Wrexham

Title: Standard Details

Drawn:	Checked:	Date:	Scale:	Original dwg size
J.C.	T.C.	April 2026	As Stated	A1

Drawing Number: P4920-02-01 Rev: Ø