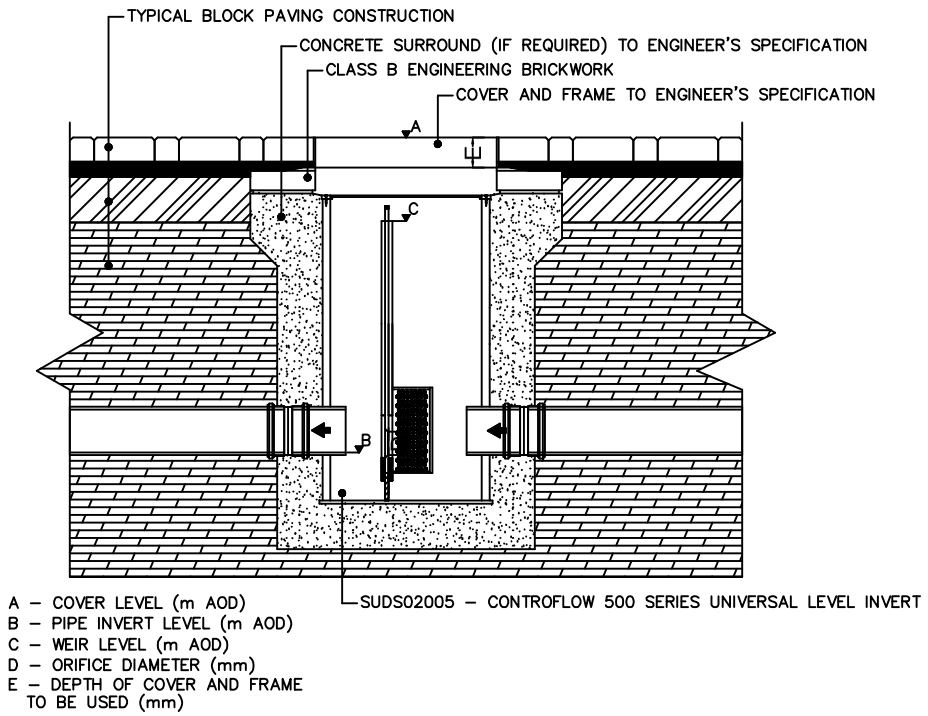
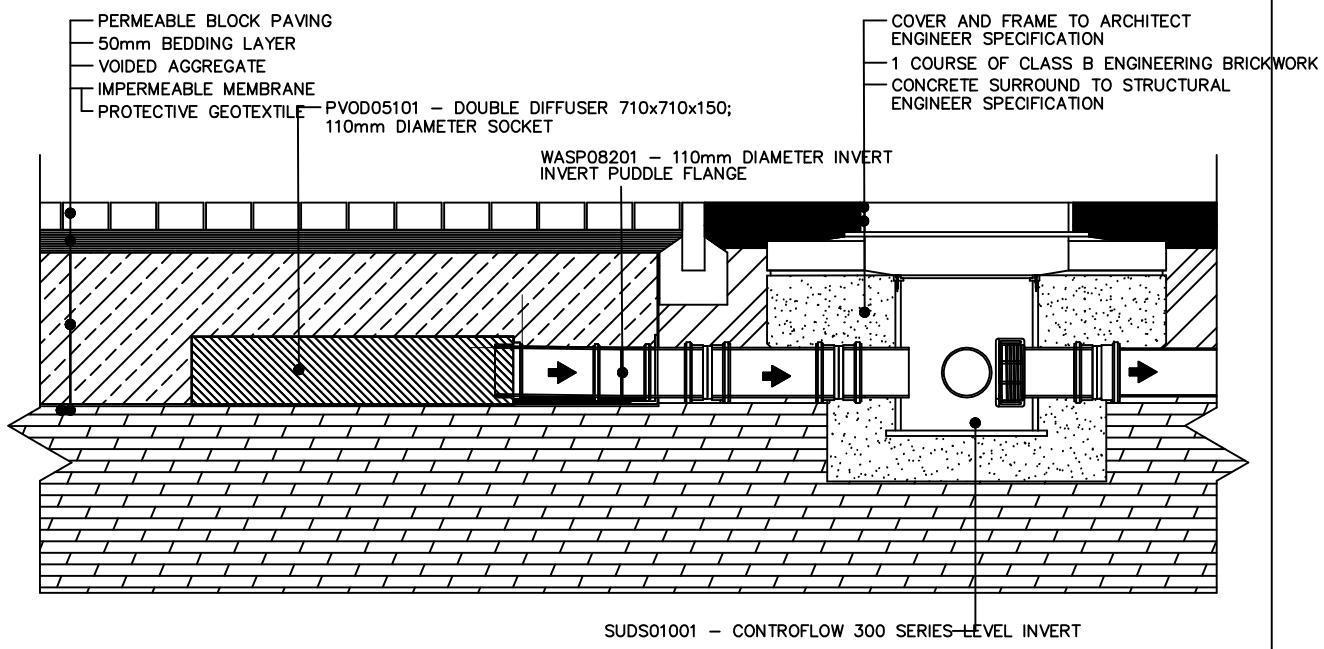
SUDS02005 – CONTROFLOW 500 SERIES UNIVERSAL LEVEL INVERT GENERAL APPLICATION



A – COVER LEVEL (m AOD)
B – PIPE INVERT LEVEL (m AOD)
C – WEIR LEVEL (m AOD)
D – ORIFICE DIAMETER (mm)
E – DEPTH OF COVER AND FRAME TO BE USED (mm)

SUDS01001 – CONTROFLOW 300 SERIES LEVEL INVERT GENERAL APPLICATION



Notes.

1. Do not scale from this drawing.
2. All dimensions are in millimeters unless otherwise stated.
3. This drawing to be read in conjunction with all other relevant drawings and documents.
4. All drainage to be constructed to Civil Engineering Specification for Water Industry 7th Edition, current british standards and building regulations and other relevant standards.
5. Exact locations of rain water downpipes and other internal drainage down pipes to be confirmed by architect. Rain water pipe connections to have rodding access, sump and grated cover.
6. Contractor to confirm locations of existing services prior to commencement on site and to arrange for any necessary diversions, lowering or protection works as required.
7. All specialist drainage components such as attenuation tanks, flow control and pumping stations to be designed and installed as per manufacturers requirements.
8. Cover levels to be confirmed by landscape architect. Cover levels and invert levels are in meters unless otherwise
9. Proposed ground levels will influence the storage capacity of the permeable paving and the position of the drainage pick up features. When proposed ground levels are complete the permeable paving design should be reviewed to ensure sufficient storgae is provided and htat the drainage pick up features are positioned correctly
10. Permeable paving sub-base should fall towards the drainage pick-up features, permeable paving and pick-up features as specified by manufacturer.
11. Extent of linear drainage channel to perimeter of building to be confirmed by architect, design as per manufacturer.
12. Private surface water pipes to be 100Ø with minimum fall of 1:100 unless otherwise stated.
13. Minimum cover to thermoplastic pipes in garden or patio areas 0.6m, in driveway 0.9m, in road 1.2m, otherwise concrete protection will be required.
14. Access chamber cover class A15 for garden and patio, B125 for driveway, C250 for lightly trafficked roads or small private carparks.
15. Drainage designed to level datum of 10m FFL. If cover levels change from assumed then drainage design should be re-assessed, especially in regards to extreme events.
16. * assumed levels and gradients, to be confirmed

Rev	Date	Detail	Drawn	Chkd
P01	30.07.21	Initial issue	MG	AW

Client:
Zulfi Belaj

Project:
Land Adj. 929 Oldham Road

Drawing Title:
SELSource Drainage Details

GeoSmart Information
Environmental Thinking

Suite 9-11, 1st Floor, Old Bank Buildings, Bellstone, Shrewsbury, SY1 1HU

Drawn by:	Checked by:	Date:
MG	DS	July 2021

Scale:	Status:
N.T.S.	Preliminary

Drawing No:	Issue:
75070.02 102	P01