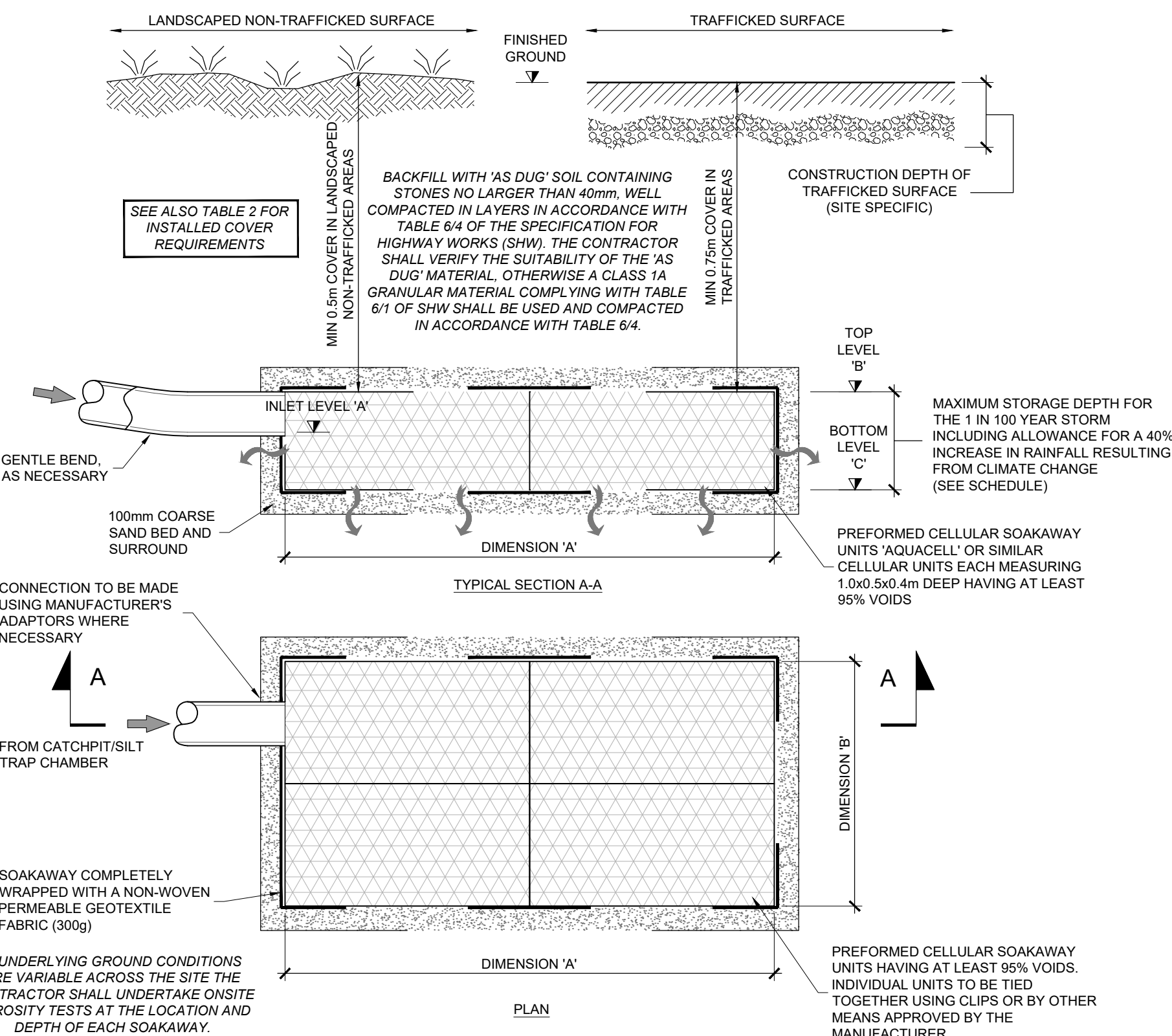
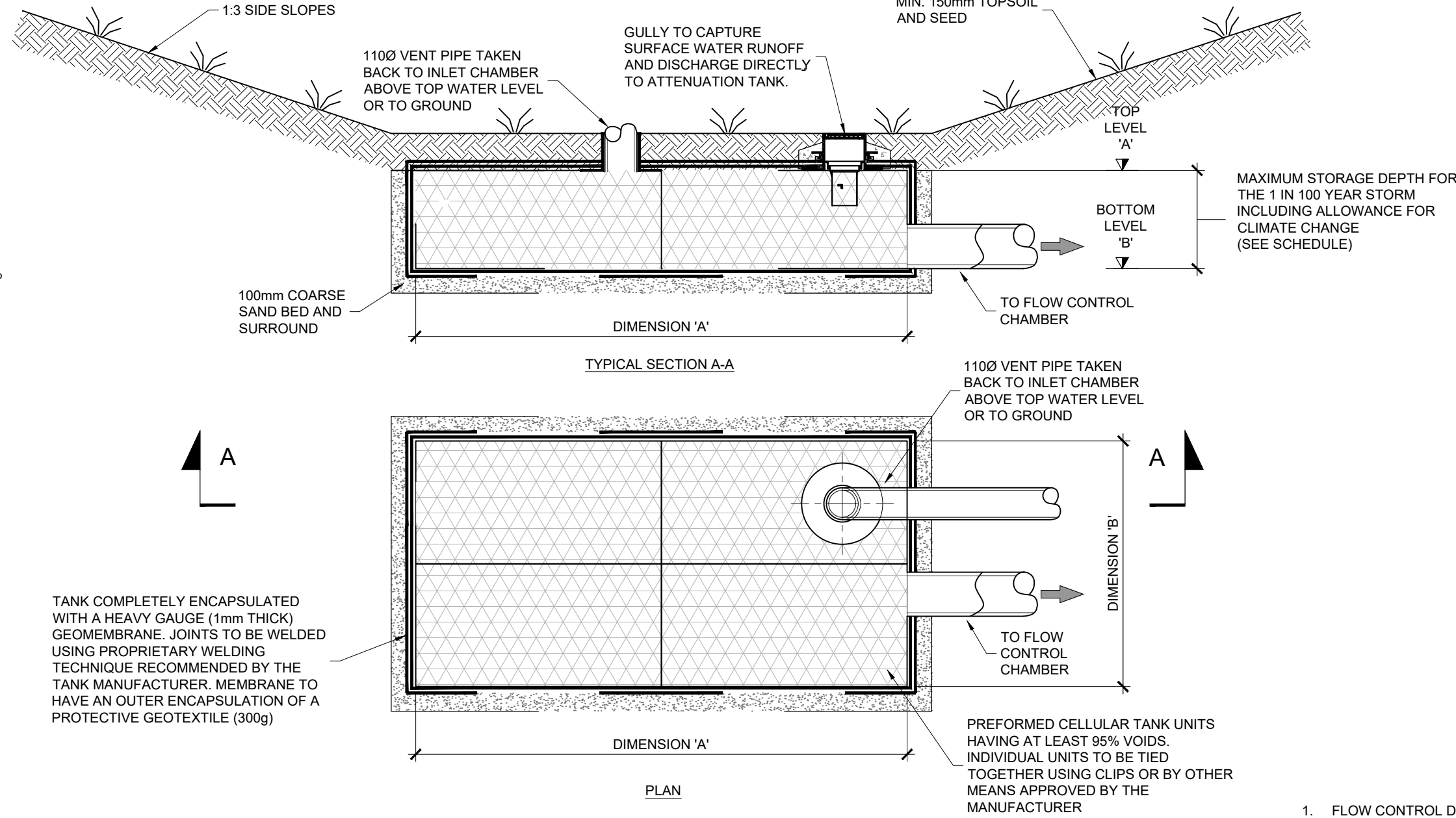
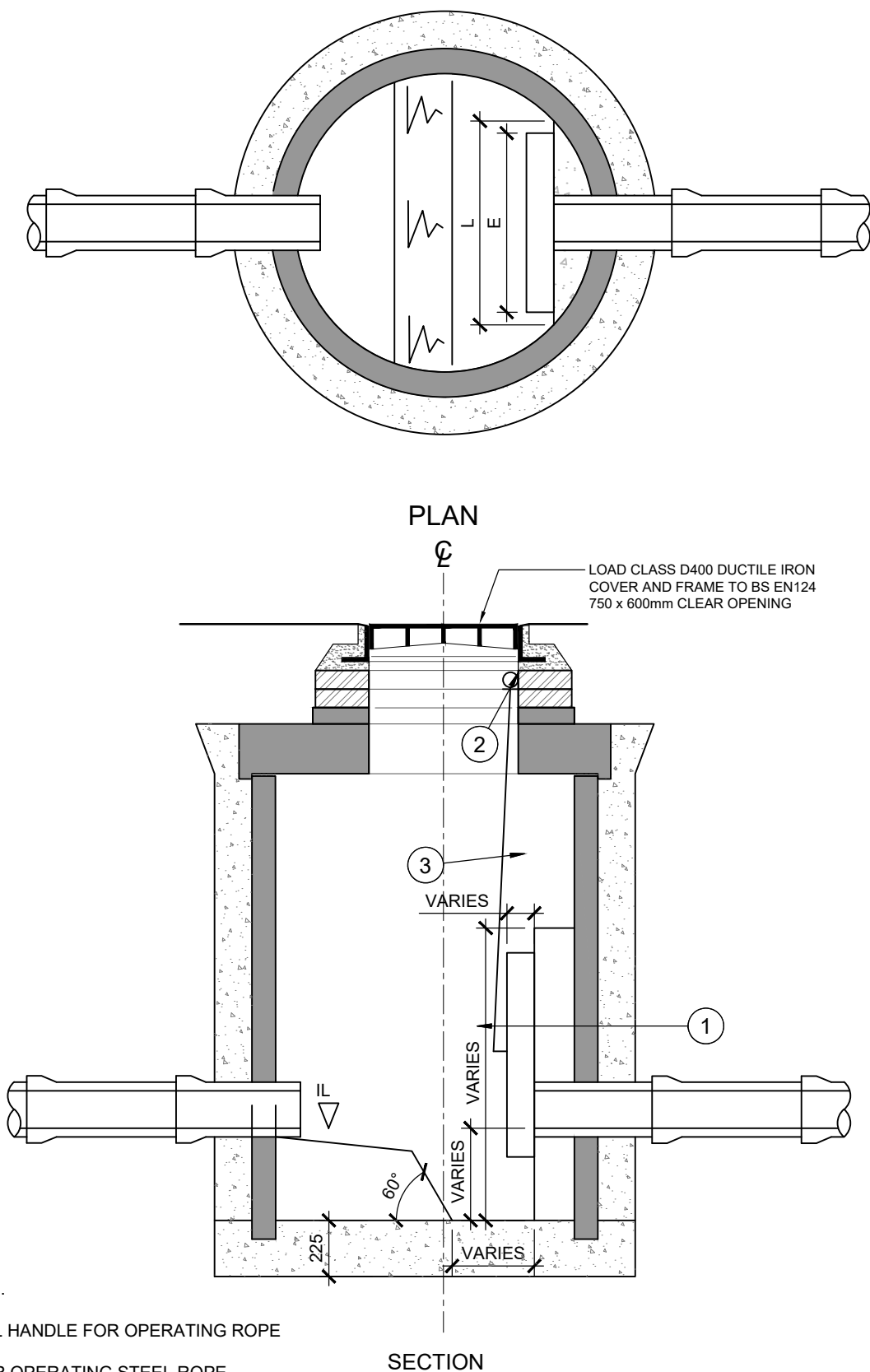




TYPICAL DETAIL FOR CELLULAR SOAKAWAY
(SEE SCHEDULE FOR DIMENSIONS AND LEVELS)
(not to scale)



TYPICAL DETAIL FOR CELLULAR
ATTENUATION TANK BELOW SWALE
(SEE SCHEDULE FOR DIMENSIONS AND LEVELS)
(not to scale)

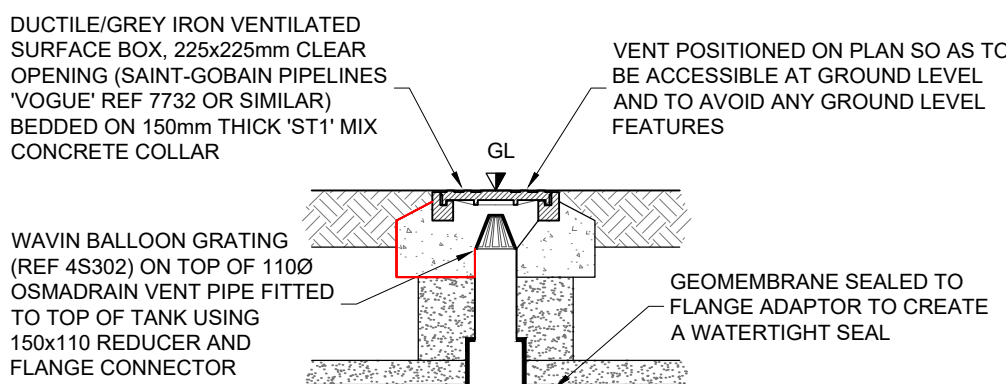


FLOW CONTROL MANHOLE (S8)
CONSTRUCTION AS PER TYPE B MANHOLE MODIFIED AS SHOWN
(n.t.s)

TABLE 2 INSTALLED DEPTH REQUIREMENTS FOR CELLULAR TANK ⁽¹⁾				
LOCATION DEPTH	AQUACELL TYPE			
	AQUACELL ECO ⁽⁵⁾	AQUACELL PRIME ⁽⁵⁾	AQUACELL CORE	AQUACELL PLUS
MINIMUM COVER DEPTH IN LANDSCAPED AND NON-TRAFFICKED AREAS ⁽²⁾	0.3m ⁽²⁾	0.3m ⁽²⁾	0.3m ⁽²⁾	0.3m ⁽²⁾
RECOMMENDED DEPTH 0.5m				
MINIMUM COVER DEPTH IN CAR PARKS (VEHICLES UP TO 12000kg GROSS MASS ⁽³⁾)	N/A	0.71m	0.75m	0.75m
MINIMUM COVER DEPTH IN AREAS SUBJECT TO HA/HGV LOADING ⁽³⁾	N/A	N/A	1.2m	1.1m
MAXIMUM DEPTH TO BASE OF UNITS IN LANDSCAPED AREA ⁽⁴⁾	1.5m	3.7m	4.25m	5.08m
MAXIMUM DEPTH TO BASE OF UNITS IN TRAFFICKED AREAS ⁽⁵⁾	N/A	3.45m	4.1m	4.78m

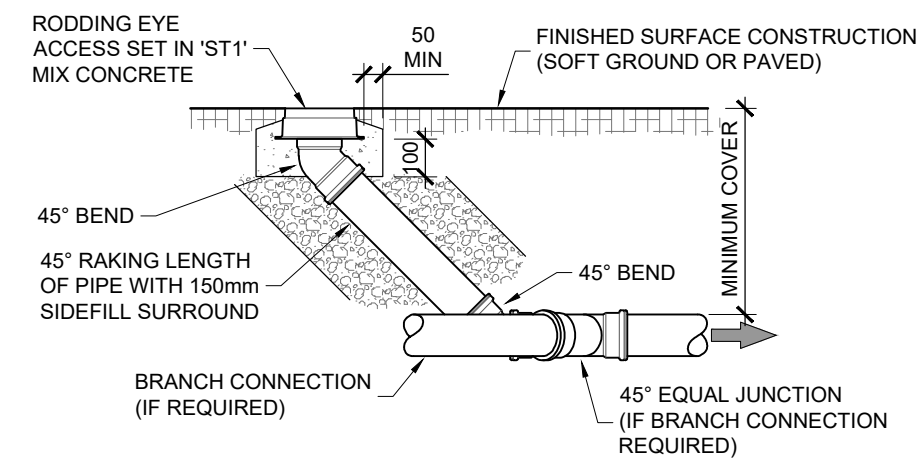
- (1) PLEASE REFER TO MANUFACTURER'S LITERATURE FOR FURTHER DETAILS AND GUIDANCE ON INSTALLATION.
(2) 0.3m IS THE MINIMUM COVER DEPTH FOR 'AQUACELL ECO' BUT 0.5m COVER IS RECOMMENDED TO PREVENT ACCIDENTAL DAMAGE. WHERE CONSTRUCTION PLANT IS USED EXTRA PROTECTION MAY BE REQUIRED (SEE MANUFACTURER'S LITERATURE FOR FURTHER INFORMATION).
(3) FOR HEAVIER LOADINGS AND HGV APPLICATIONS CONTACT THE MANUFACTURER.
(4) ALLOWABLE MAXIMUM DEPTH TO BASE OF UNITS IS DEPENDENT ON SOIL TYPE, ANGLE OF SHEARING RESISTANCE, LOADINGS AND GROUNDWATER. THE ABOVE DEPTHS ASSUME A DENSE SAND AND GRAVEL HAVING A TYPICAL ANGLE OF SHEARING RESISTANCE OF 38° AND NO GROUND WATER ABOVE THE BASE OF THE UNITS.
(5) CURRENTLY NOT FOR USE WHERE ADOPTION WILL BE BY LOCAL AUTHORITY.

SCHEDULE OF DIMENSIONS AND LEVELS FOR SOAKAWAY					
TANK REF	PLAN DIMENSION (m)		LEVEL (m)		
	'A'	'B'	'A'	'B'	'C'
SA01	4.000	4.000	90.240	90.340	89.540
SA02	3.000	2.500	91.315	91.415	90.615
SA03	3.000	2.500	91.370	91.470	90.670
SA04	3.000	2.500	91.495	91.595	90.795
SA05	3.000	2.500	91.490	91.590	90.790
SA06	2.000	2.500	90.700	90.800	90.000

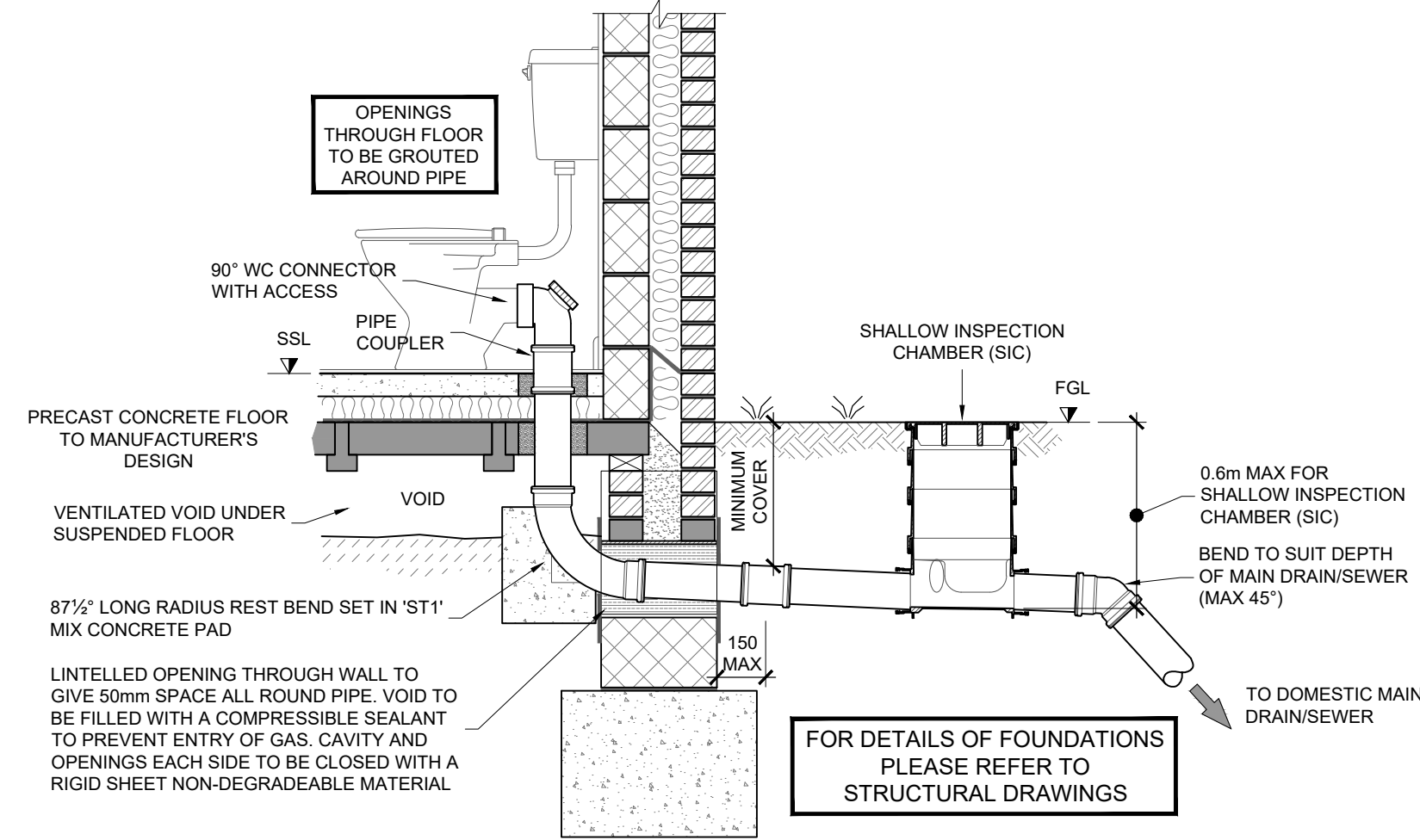


ALTERNATIVE MEANS
OF VENTING TANK
(1:20)

SCHEDULE OF DIMENSIONS AND LEVELS FOR ATTENUATION TANK					
TANK REF	PLAN DIMENSION (m)		LEVEL (m)		MAX STORAGE DEPTH (m)
	'A'	'B'	'A'	'B'	
ATT01	57.000	5.000	90.200	89.800	0.400

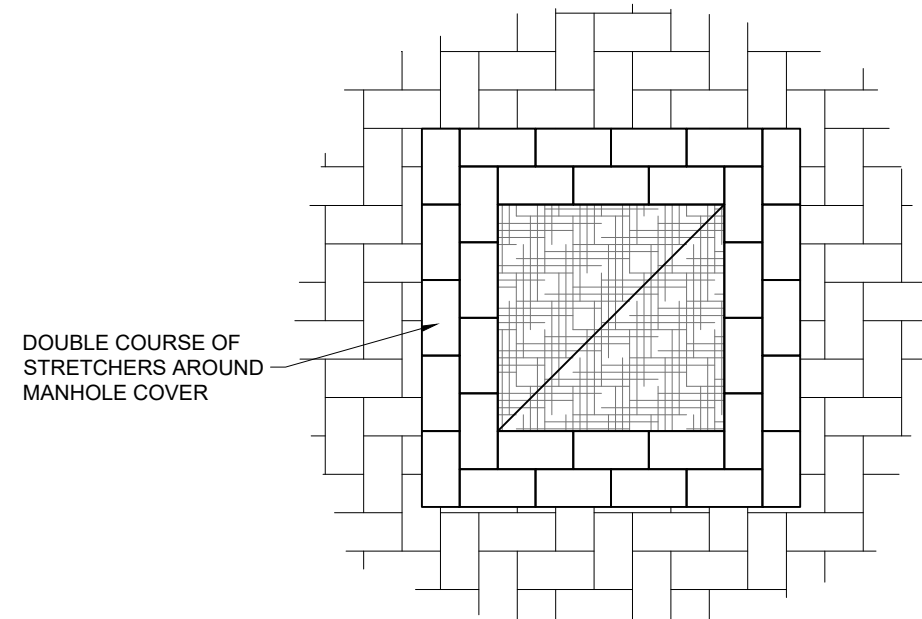


TYPICAL DETAIL FOR RODDING EYE
(1:20)

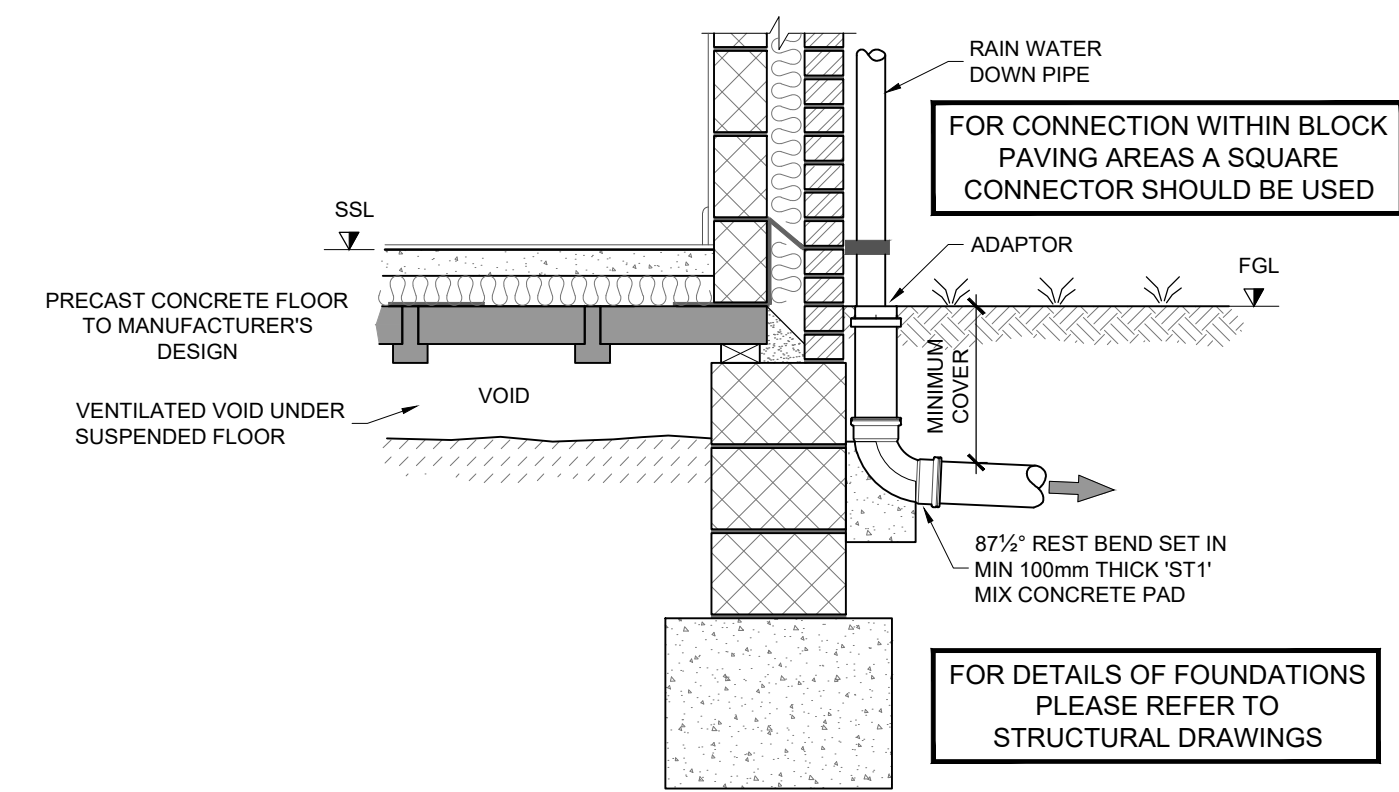


TYPICAL DETAIL FOR CONNECTION USING A
SHALLOW INSPECTION CHAMBER POSITIONED OFF
MAIN DRAIN/SEWER RUN
(1:20)

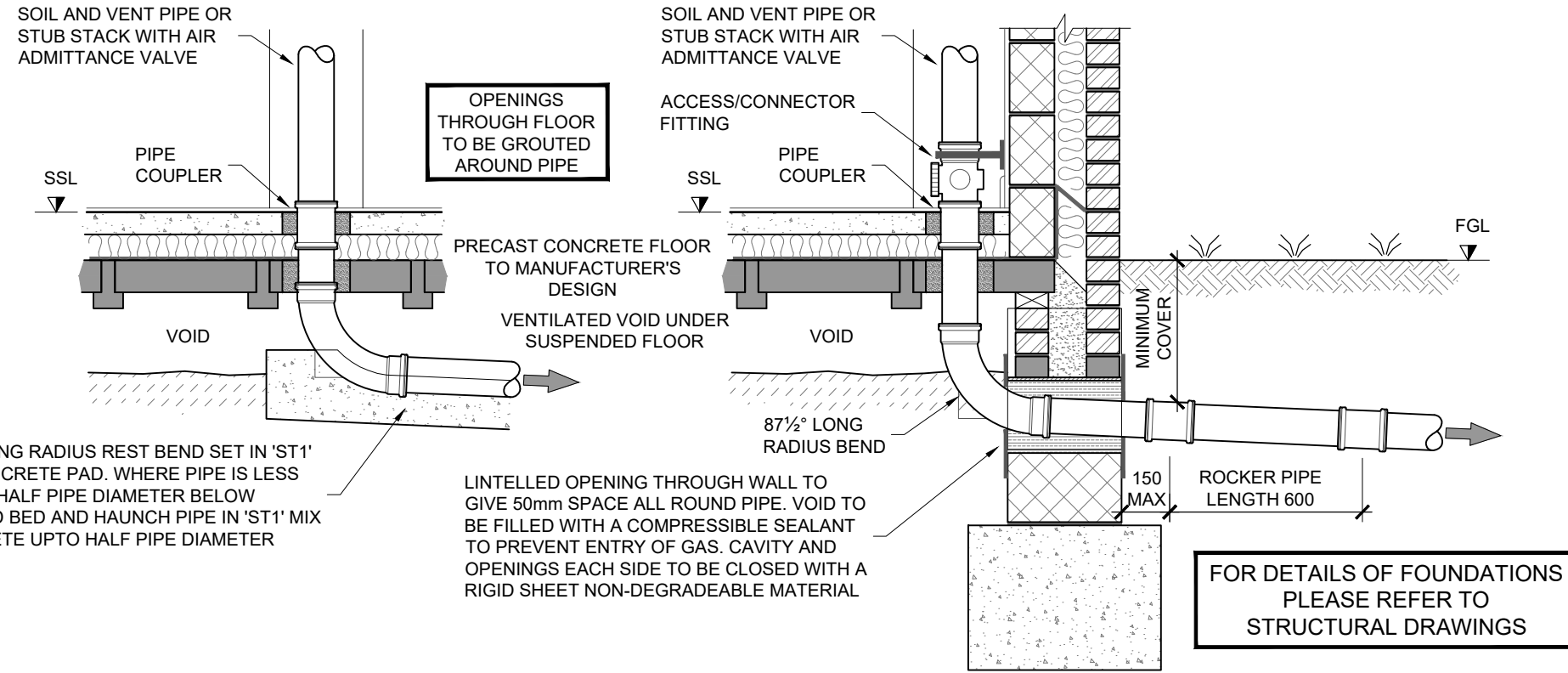
DETAIL SHOWS CONNECTION TO WC, BUT SIMILAR DETAIL FOR CONNECTION TO SOIL VENT PIPES, STUB STACK PIPES, WASTE WATER ETC



TYPICAL LAYING ARRANGEMENT OF
BLOCK PAVING AROUND MANHOLE AND
INSPECTION CHAMBER ACCESS COVERS
(1:20)



TYPICAL DETAIL FOR CONNECTION TO
EXTERNAL RAIN WATER PIPE
(1:20)



TYPICAL DETAIL FOR CONNECTION TO INTERNAL SOIL AND
VENT PIPES AND PIPE RUNNING UNDER FLOOR SLAB
(1:20)

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
NOTES: THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RISK REGISTER PRODUCED FOR INCLUSION IN THE HEALTH AND SAFETY PLAN. THE HAZARDS NOTED ARE IN ADDITION TO THE NORMAL HAZARDS AND RISKS FACED BY A COMPETENT CONTRACTOR WHEN DEALING WITH THE TYPE OF WORKS DETAILED ON THIS DRAWING.

CONSTRUCTION RISKS:

- DEEP EXCAVATIONS.
- BURIED SERVICES.

MAINTENANCE/CLEANING/IN USE RISKS:

- NO SIGNIFICANT RISKS.

DEMOLITION RISKS:

- EXISTING LIVE SERVICES.
- POSSIBLE ASBESTOS CONTAMINATION.

NOTE:

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P02	SOAKAWAY TABLE UPDATED	21.11.25	BJL	PC
P01	INITIAL ISSUE	17.10.25	BJL	PC

REV	DESCRIPTION	DATE	BY	AUTH
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CLIENT
HILL PARTNERSHIPS LTD

PROJECT
**GRAYS LANE
HITCHIN, HERTFORDSHIRE**
RLC PROJECT NO. 251029

TITLE
**EXTERNAL WORKS
CONSTRUCTION DETAILS
SHEET 2**

DRAWN	AUTHORISED	DATE	SCALE AT A1
BJL	PC	OCT' 25	REFER TO DRAWING
SUITABILITY S2 - INFORMATION			
PROJECT NO.	DRAWING FIELD	DRAWING NO.	REV
LGH	ROS-GRA-XX-D-C	01401	P02