

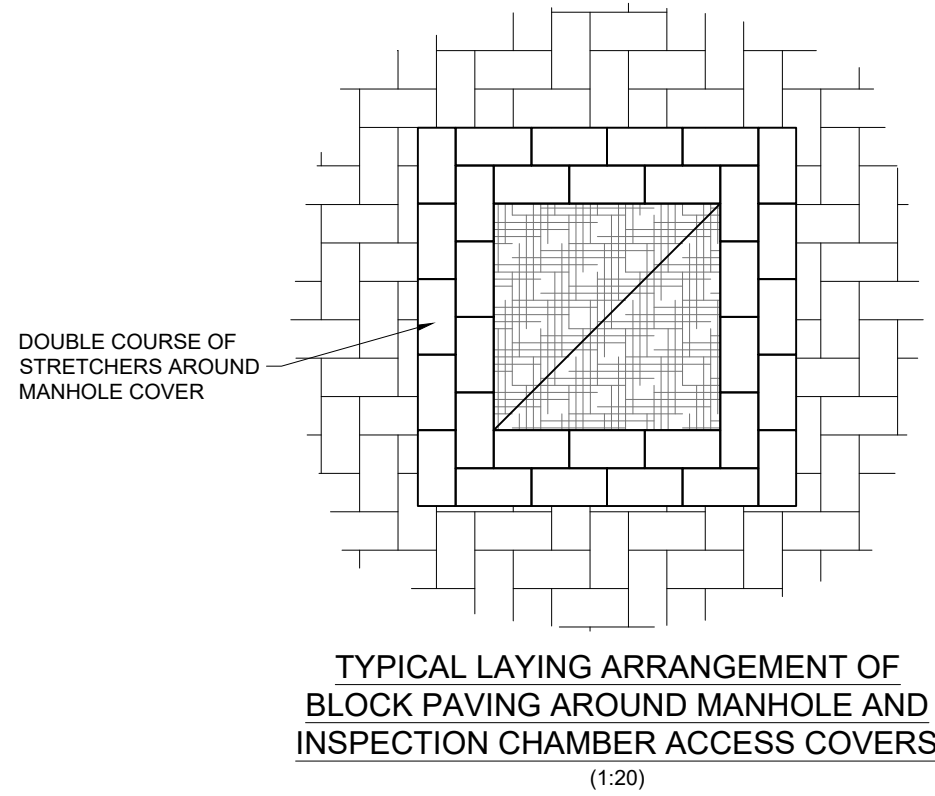
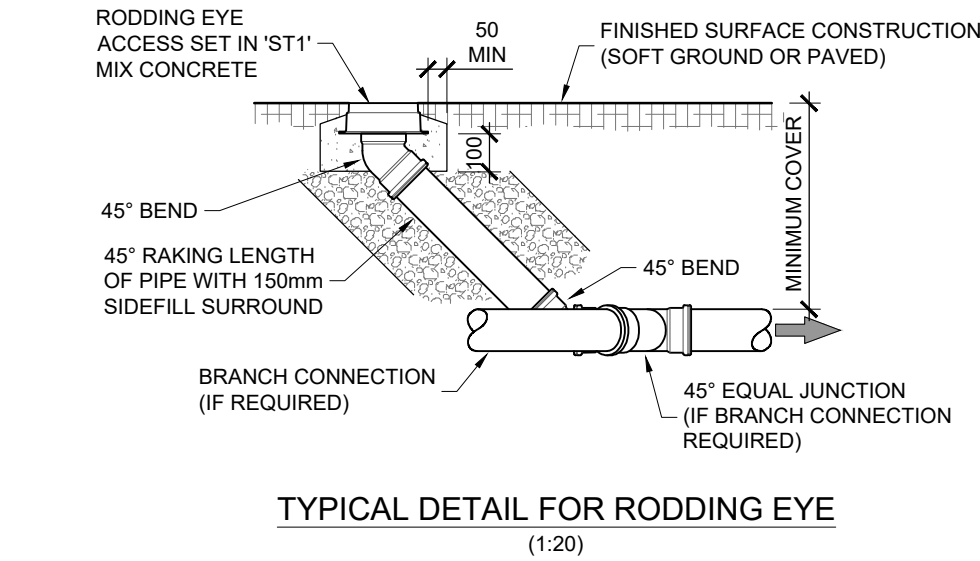
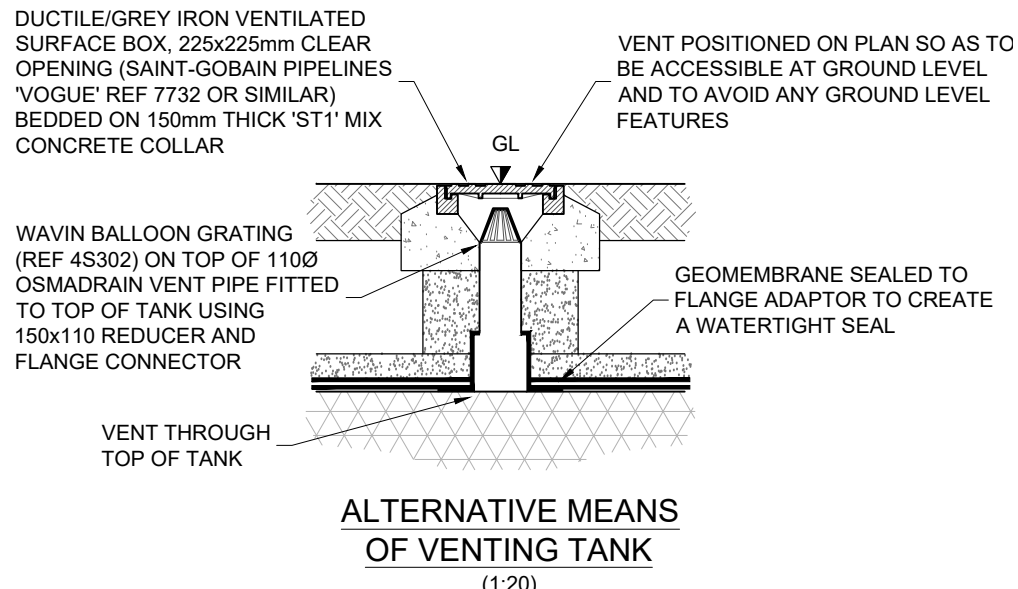
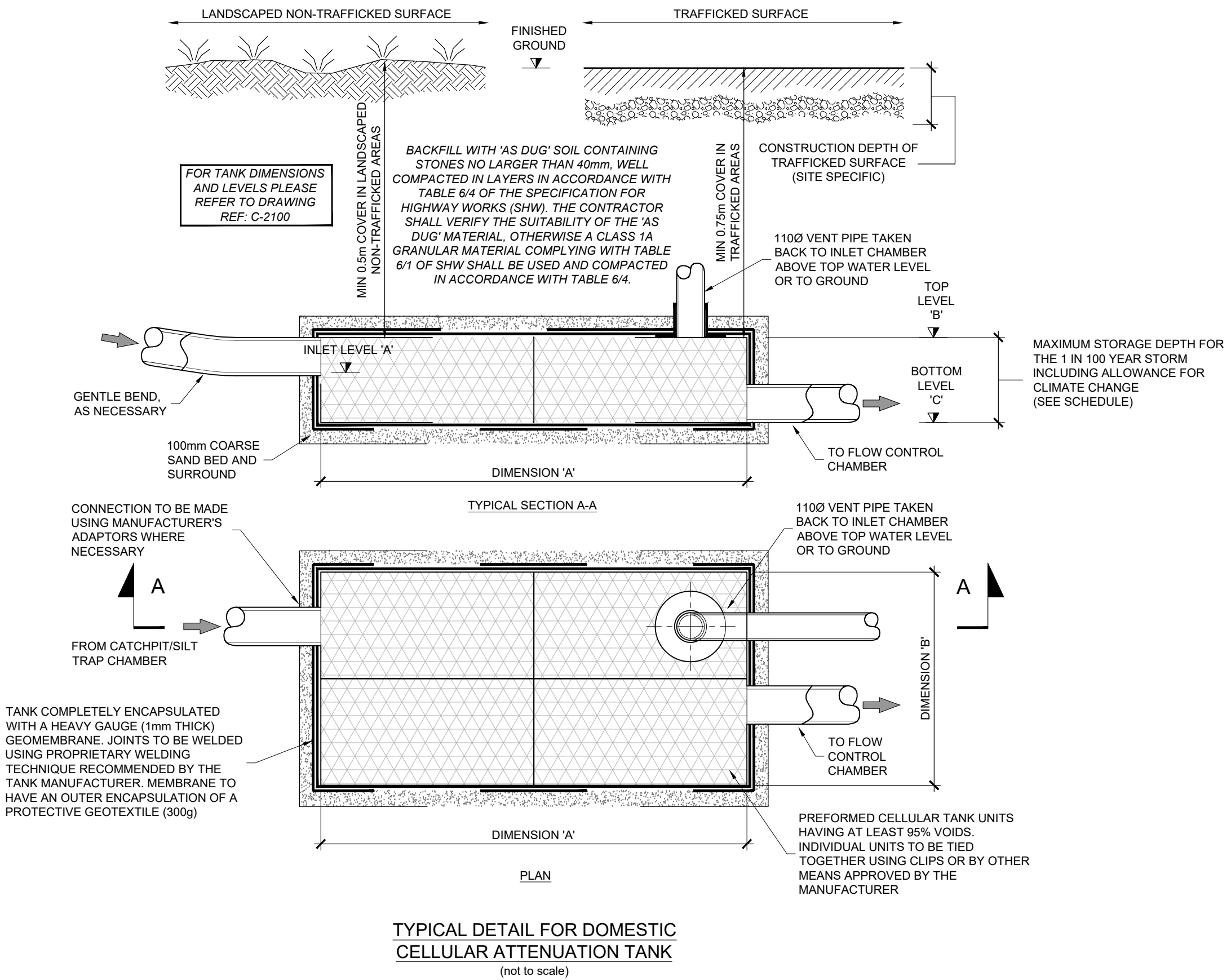
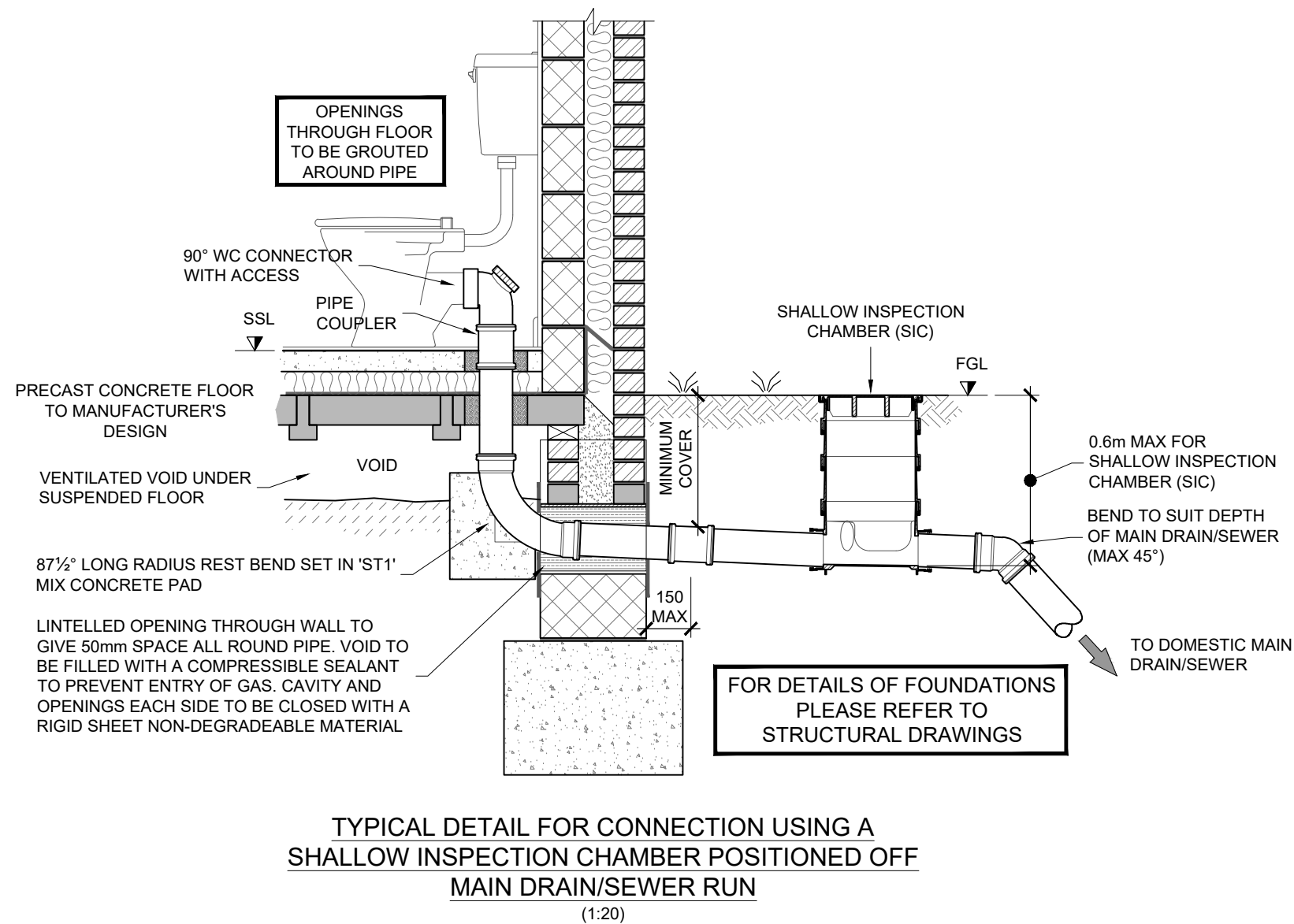


TABLE 2 INSTALLED DEPTH REQUIREMENTS FOR CELLULAR TANK ⁽¹⁾				
LOCATION DEPTH	AQUACELL TYPE			
	AQUACELL ECO ⁽⁵⁾	AQUACELL PRIME ⁽⁵⁾	AQUACELL CORE	AQUACELL PLUS
MINIMUM COVER DEPTH IN LANDSCAPED AND NON-TRAFFICKED AREAS ⁽²⁾	0.3m ⁽²⁾	0.3m ⁽³⁾	0.3m ⁽²⁾	0.3m ⁽²⁾
	RECOMMENDED DEPTH 0.5m			
MINIMUM COVER DEPTH 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.



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:

- NO SIGNIFICANT RISKS.

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PROJECT

LUCAS LANE
HITCHIN, HERTFORDSHIRE

TITLE

DRAINAGE CONSTRUCTION
DETAILS SHEET 2

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SUITABILITY S2 - INFORMATION			
PROJECT NO. 251029	DRAWING FIELDS.	DRAWING NO. C-2401	REV P01

