

FILTER MEDIUM SHALL COMPLY WITH THE RECOMMENDATIONS OF CIRIA REPORT C753. THE BASIC REQUIREMENTS OF THE MATERIAL SHALL BE:

SATURATED HYDRAULIC CONDUCTIVITY TO BE BETWEEN 100mm/h - 300mm/h - TESTED IN-SITU USING THE SINGLE RING INFILTRATION TEST - EN ISO 22282-5:2012

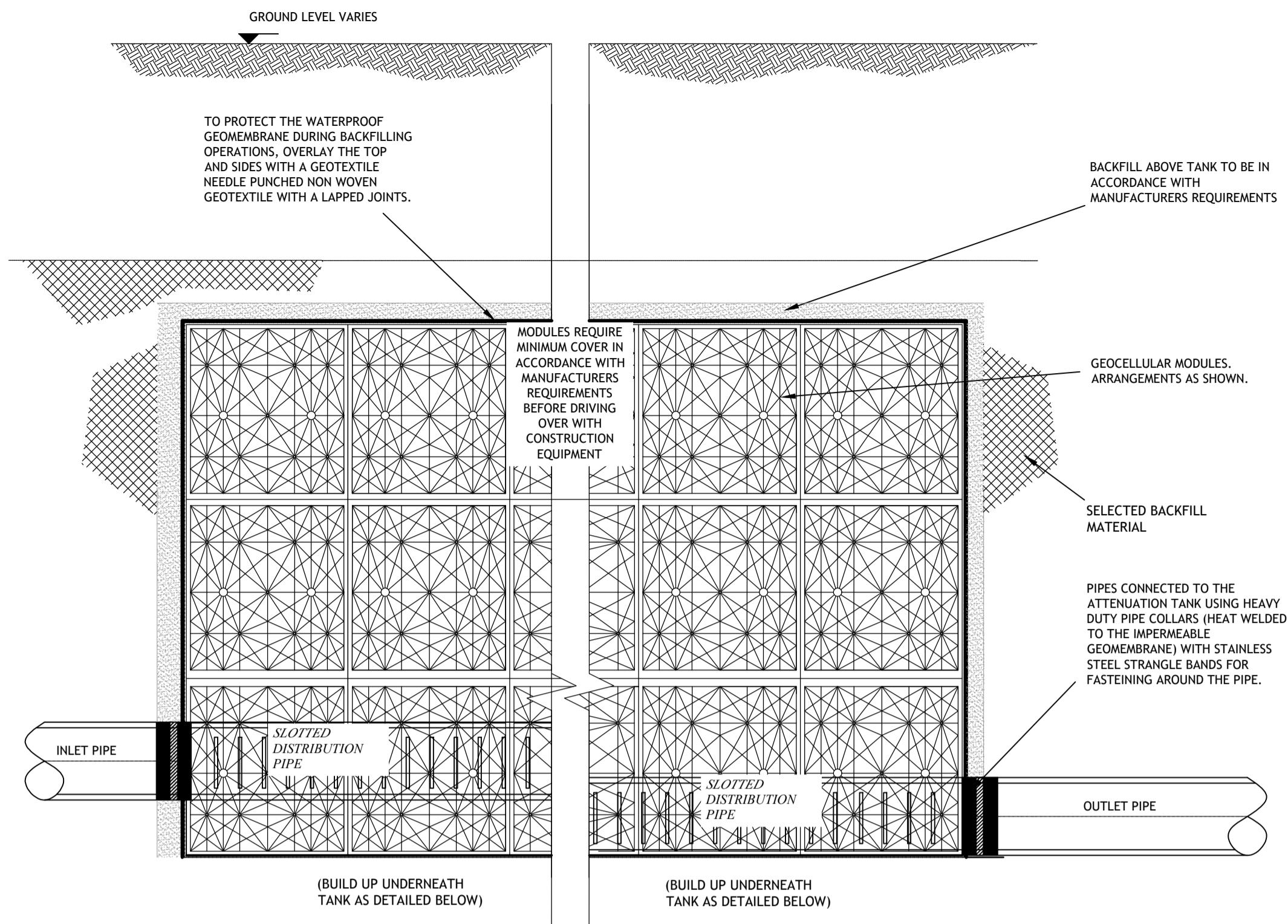
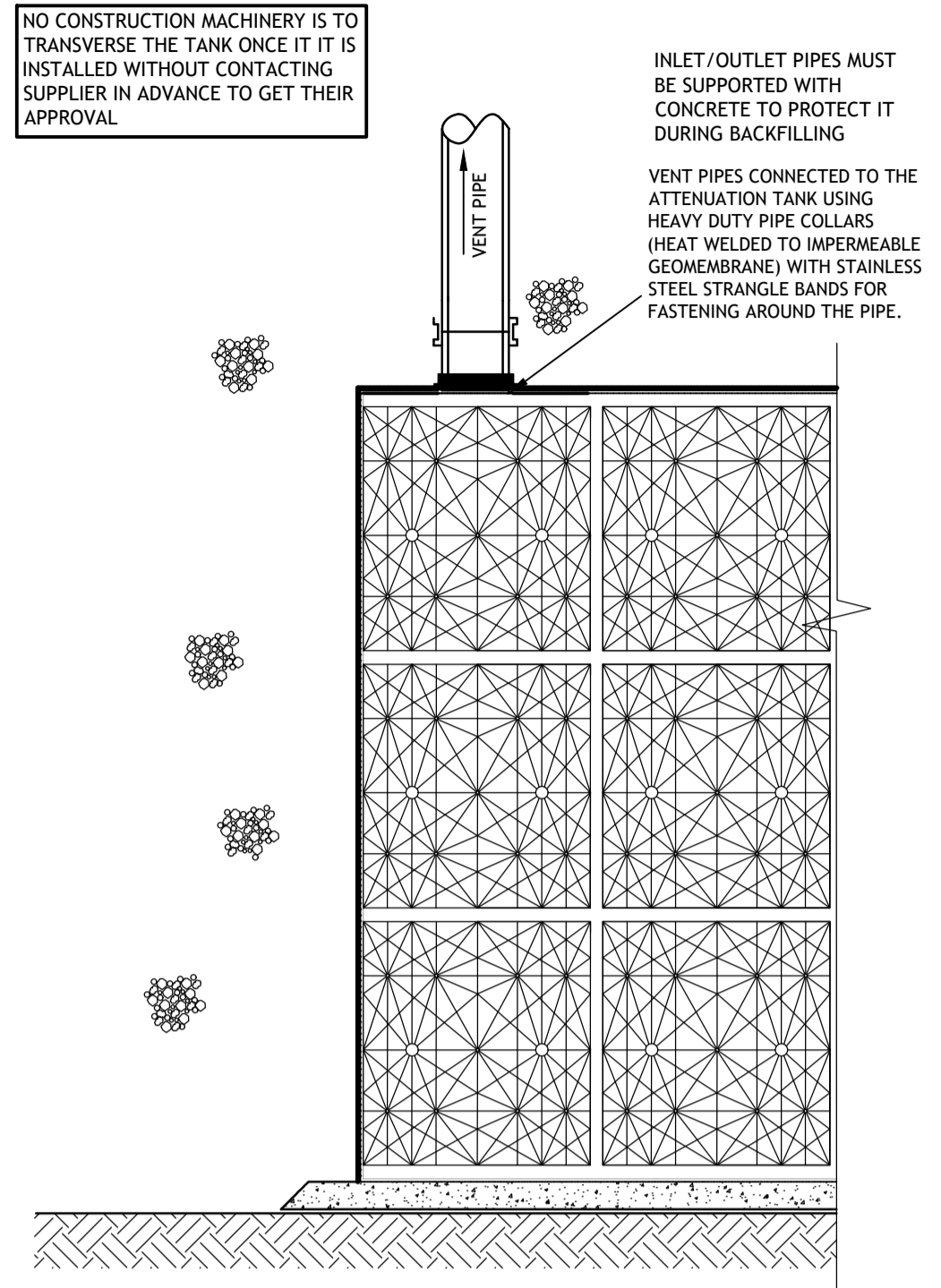
POROSITY > 30% (WHEN TESTED IN ACCORDANCE WITH BS 1377-2:1990)

PARTICLE SIZE DISTRIBUTION

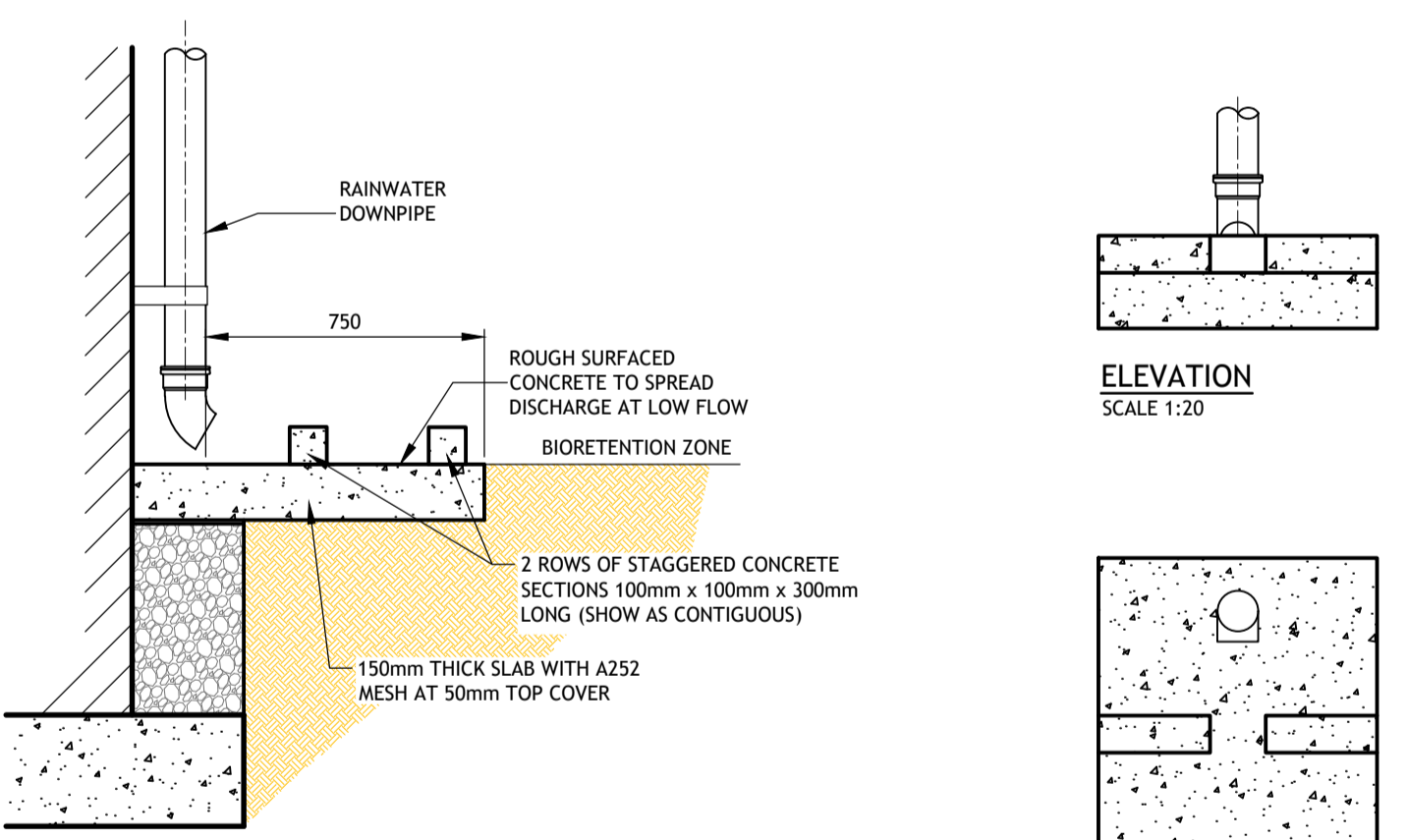
6mm	100% PASSING
2mm	90-100% PASSING
0.6mm	40-70% PASSING
0.2mm	5-20% PASSING
0.063mm	<5% PASSING

ORGANIC MATTER CONTENT - 3-5% (w/w)

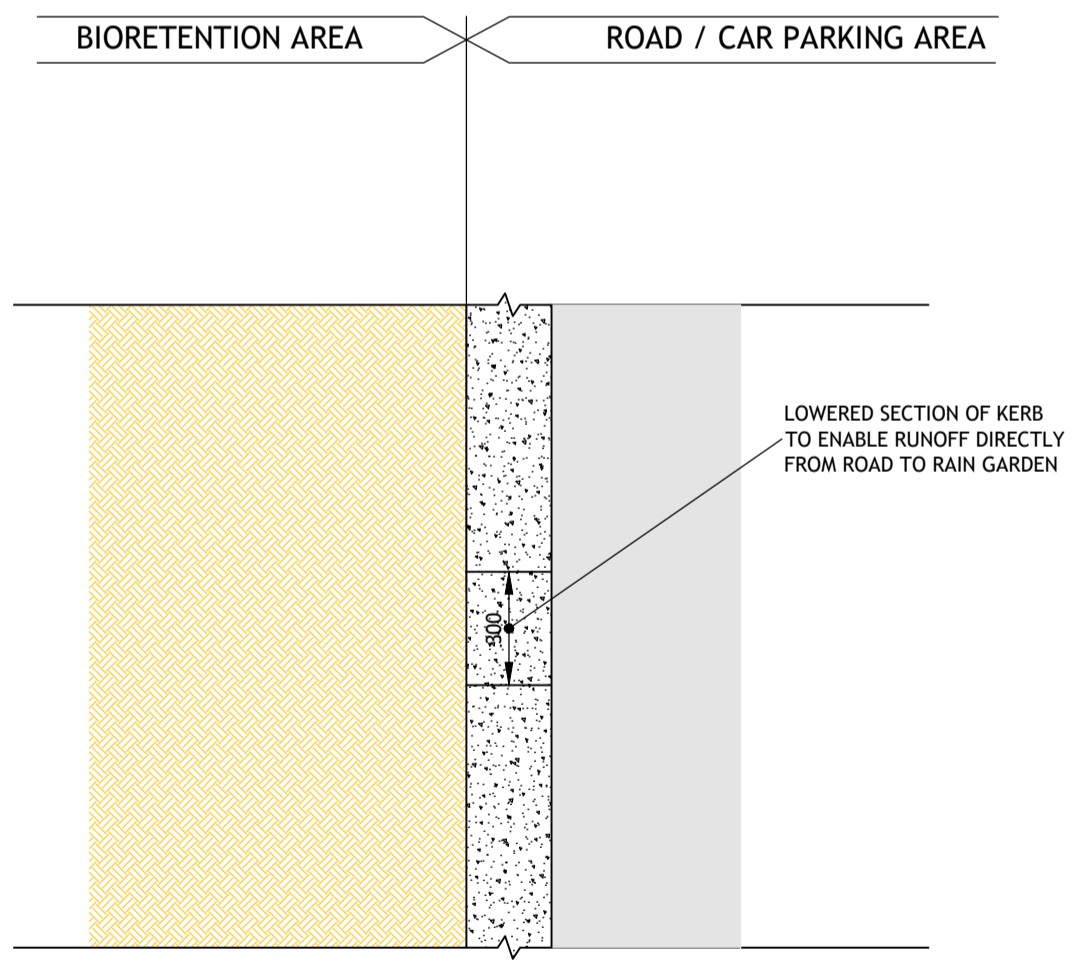
SOILS SHALL BE ASSESSED BY HORTICULTURIST TO ENSURE THAT IT WILL SUPPORT HEALTHY VEGETATION COMMUNITY. ANY COMPONENT FOUND TO CONTAIN HIGH LEVELS OF SALT, CLAY OR SILT PARTICLES OR OTHER EXTREMES WHICH MAY BE CONSIDERED RETARDANT TO PLANT GROWTH SHALL BE REJECTED. THE FILTER MEDIUM LAYER MATERIAL SHALL NOT BE COMPACTED WHEN PLACED. DEPTH TO LANDSCAPE SPECIFICATION, MAXIMUM 1.2M DEEP



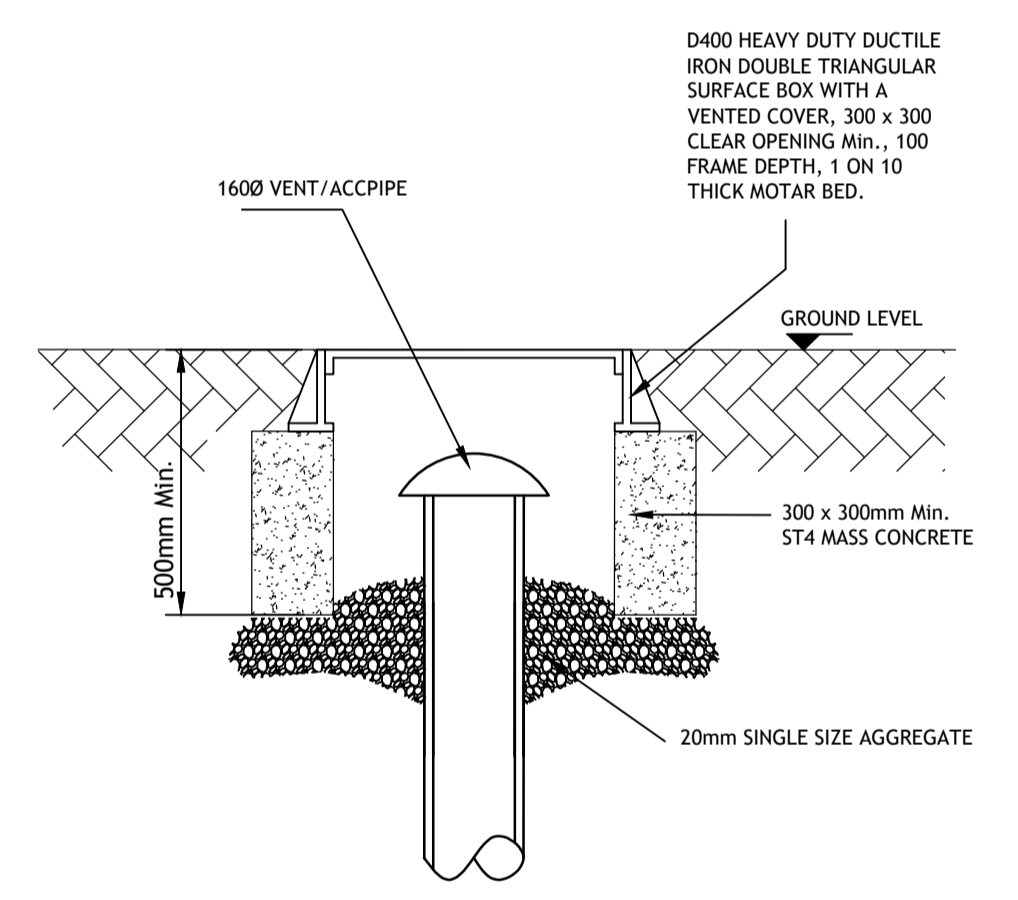
TYPICAL DETAILS OF ATTENUATION TANK USING GEOCELLULAR MODULAR UNITS (SIDE VIEW)
NTS



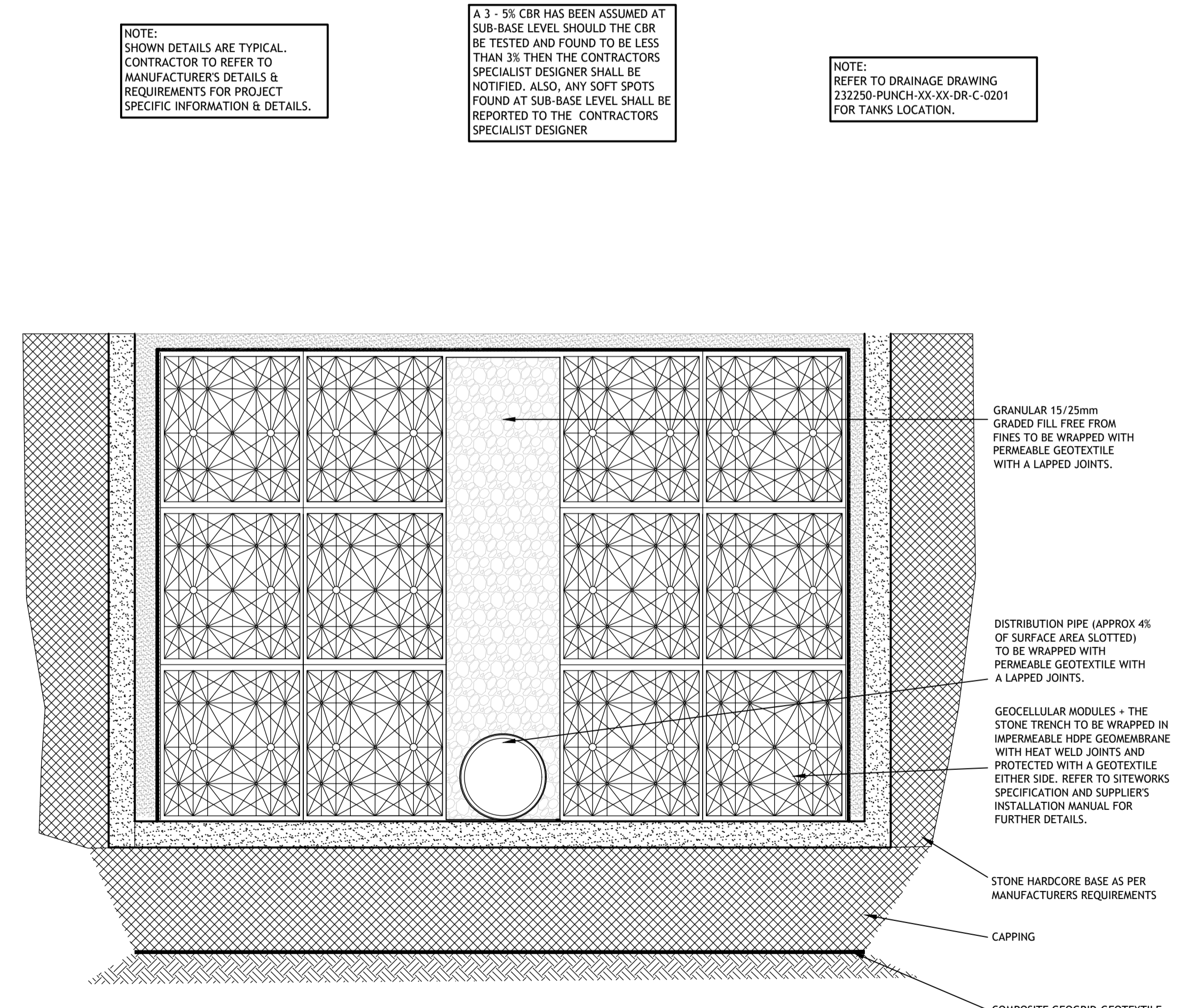
RAINWATER DOWNPIPE DISCHARGE SECTION
SCALE 1:20



PLAN ON INTERFACE BETWEEN ROAD & BIO RETENTION - LOWERED KERB DETAIL (REFER DET.1 FOR SECTION)
SCALE 1:20



VENTILATION BOX DETAIL
NTS



TYPICAL DETAILS OF ATTENUATION TANK USING GEOCELLULAR MODULAR UNITS (FRONT VIEW)
NTS

Rev	Amendment	By	Date	Rev	Amendment	By	Date	Client:
P01	PLANNING ISSUE	FM	12-12-2025					