

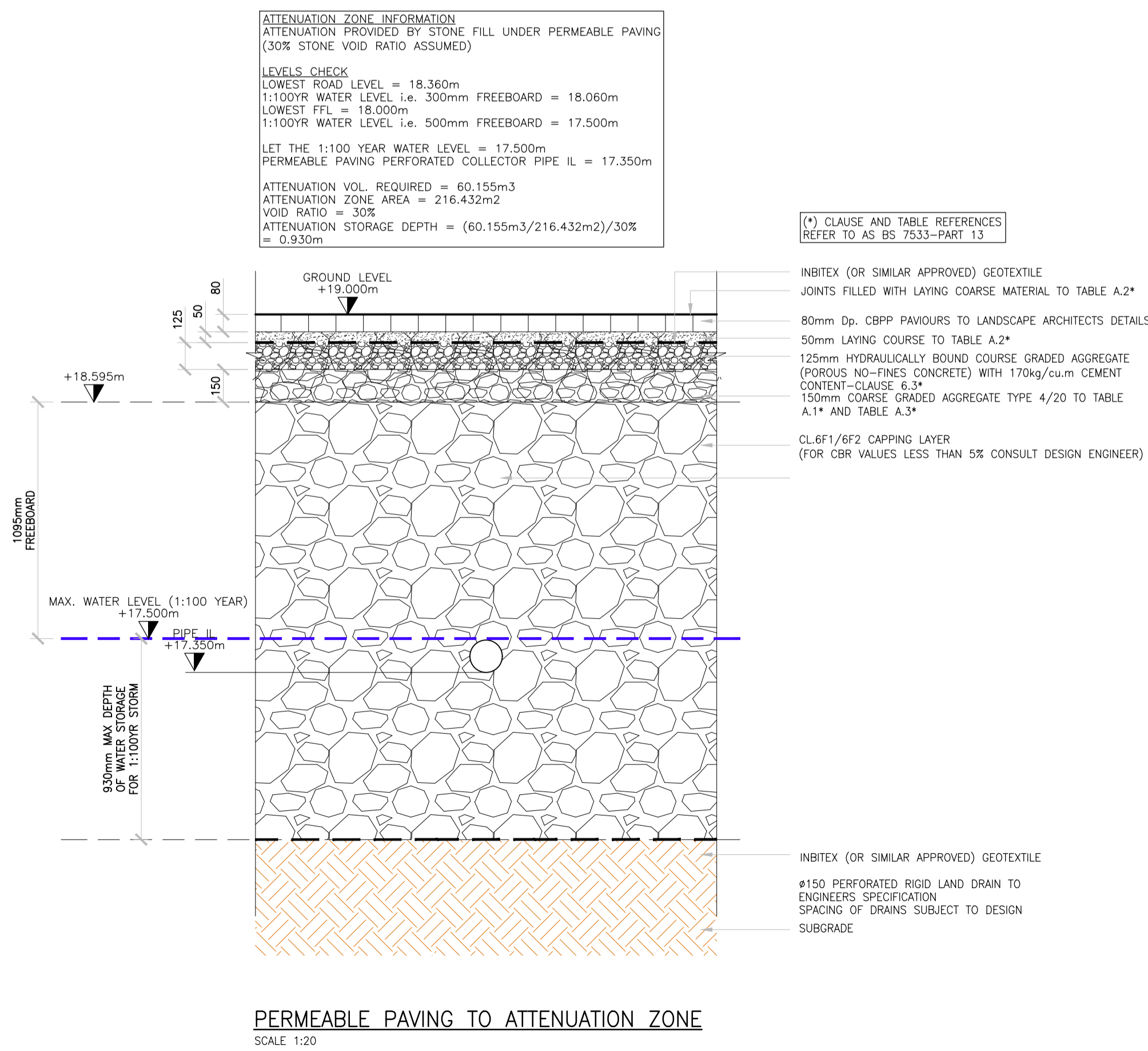
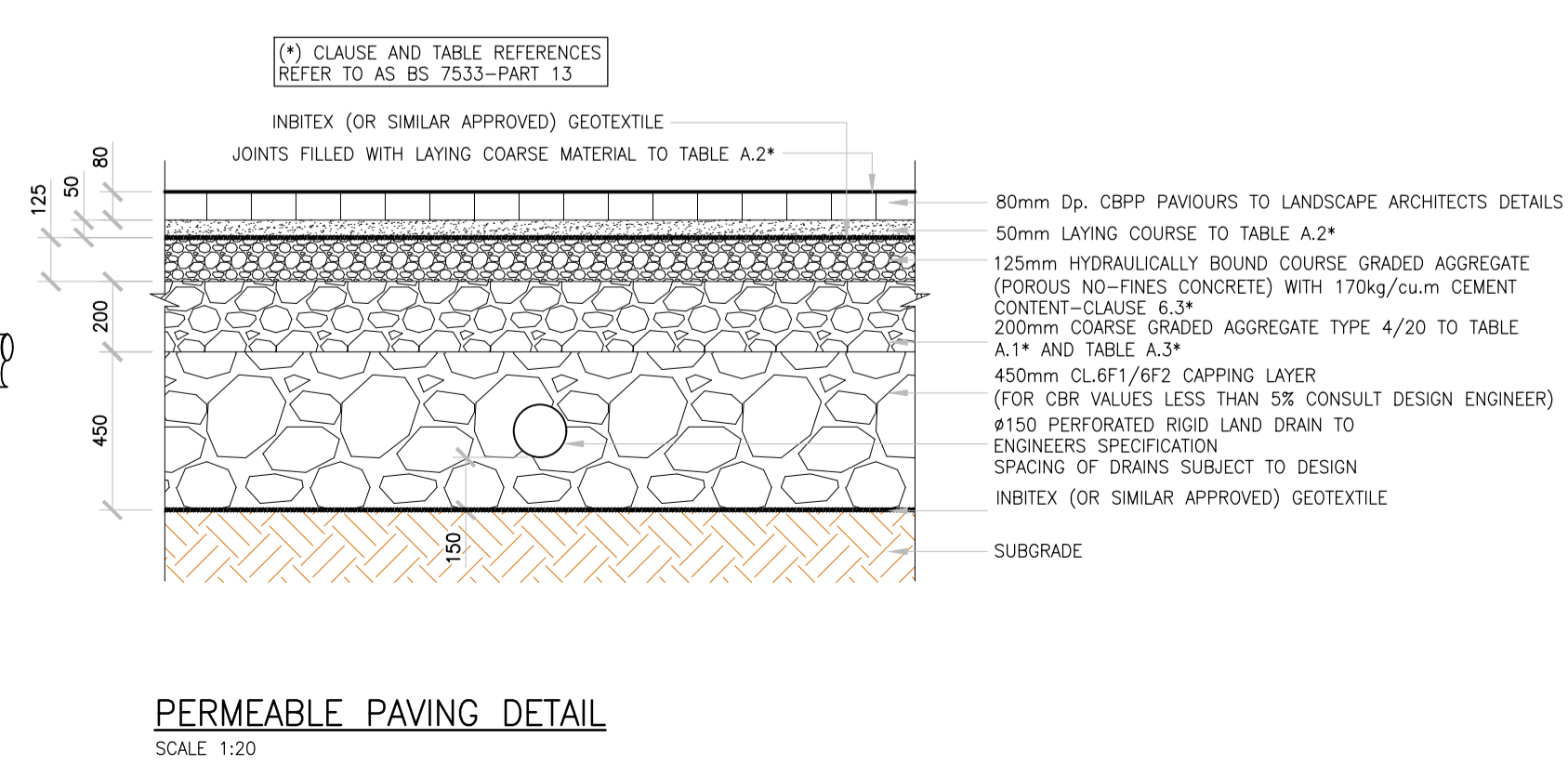
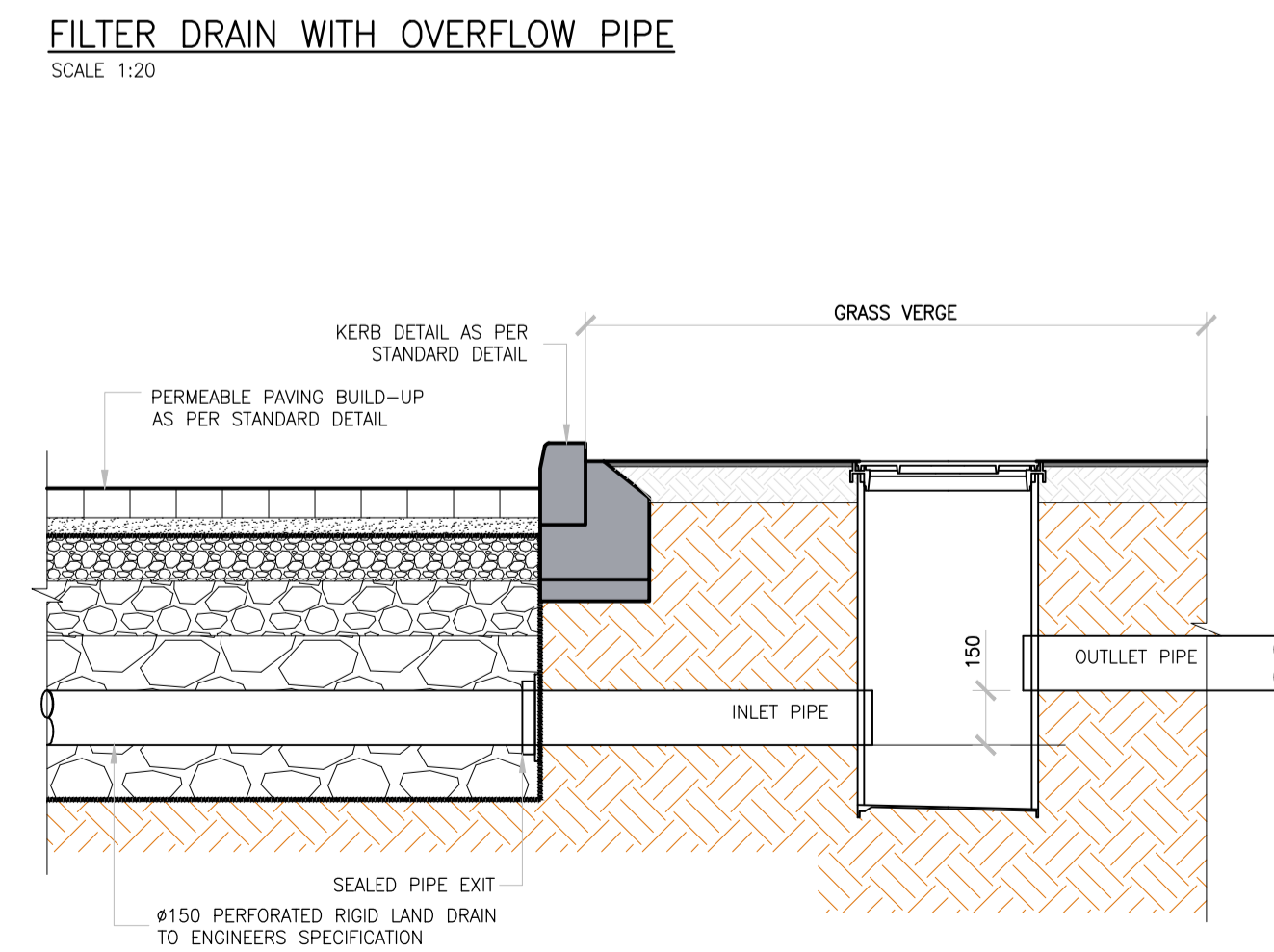
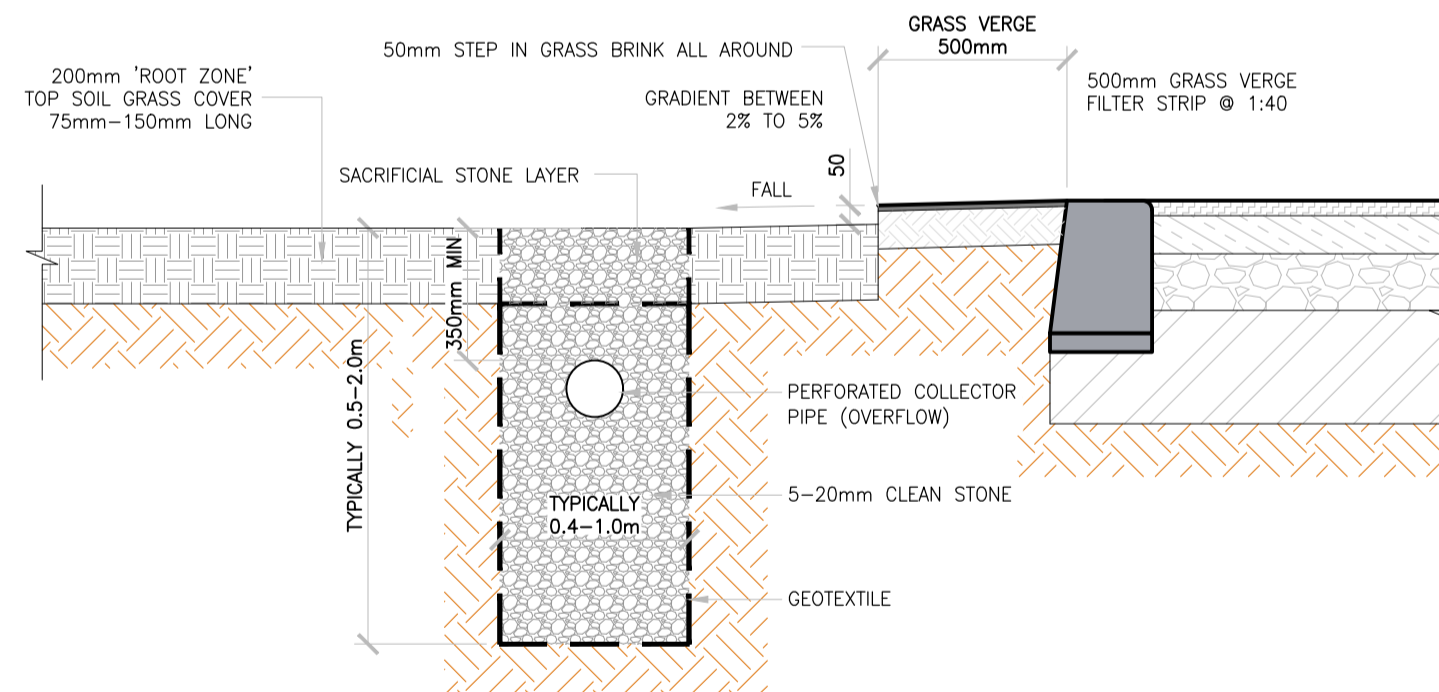
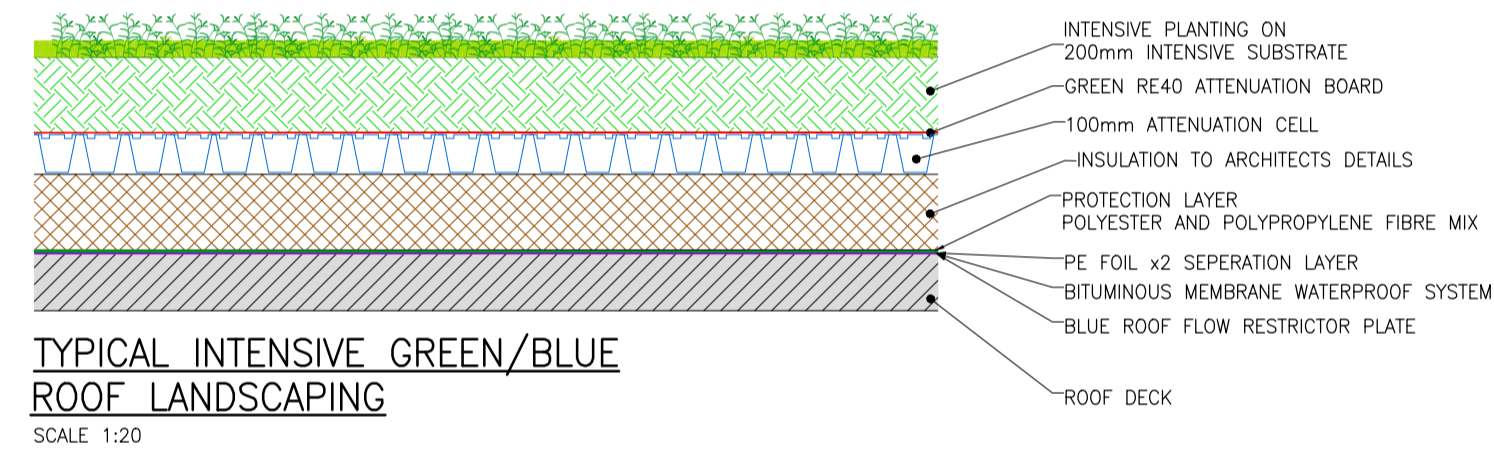
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THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, SPECIFICATIONS AND THE PRELIMINARY HEALTH & SAFETY PLAN.

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE. DO NOT SCALE DIMENSIONS.

THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE IN WRITING.

NOTES



ATTENUATION ZONE INFORMATION
ATTENUATION PROVIDED BY STONE FILL UNDER PERMEABLE PAVING (30% STONE VOID RATIO ASSUMED)

LEVELS CHECK
LOWEST ROAD LEVEL = 18.360m
1:100YR WATER LEVEL i.e. 300mm FREEBOARD = 18.060m
LOWEST FFL = 18.000m
1:100YR WATER LEVEL i.e. 500mm FREEBOARD = 17.500m

LET THE 1:100 YEAR WATER LEVEL = 17.500m
PERMEABLE PAVING PERFORATED COLLECTOR PIPE I.L. = 17.350m

ATTENUATION VOL. REQUIRED = 60.155m³
ATTENUATION ZONE AREA = 216.432m²
VOID RATIO = 30%
ATTENUATION STORAGE DEPTH = (60.155m³/216.432m²)/30% = 0.930m

(*) CLAUSE AND TABLE REFERENCES REFER TO AS BS 7533-PART 13

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0	ISSUED FOR PLANNING	09.09.24	KA	DW
REV	DESCRIPTION	DATE	BY	CHK
STATUS				
P3 - PLANNING				
		Unit 2B Richview Office Park, Clonskeagh, DUBLIN 14 D14 XT57 T: +353 1 260 2655 E: dublin@moroe.ie W: www.maloneoregan.ie		
Offices also in:		GALWAY T: +353 91 531 069 E: galway@moroe.ie WATERFORD T: +353 51 876 855 E: waterford@moroe.ie		
CLIENT				
DUBLIN CITY COUNCIL				
JOB NAME				
SOCIAL HOUSING BUNDLE 4, FORBES LANE DEPOT				
DRG. NAME				
SUDS DRAINAGE LAYOUT				
JOB REF	SHEET	SCALE	DATE	BY
23006	A1	1:250	JULY 2023	KA
				APP
				PB
				PB
				REV
				0
DRG. NO.				
SHB5-FLD-DR-MOR-CS-P3-151				