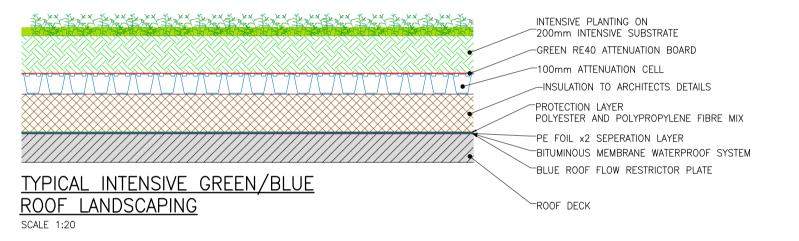
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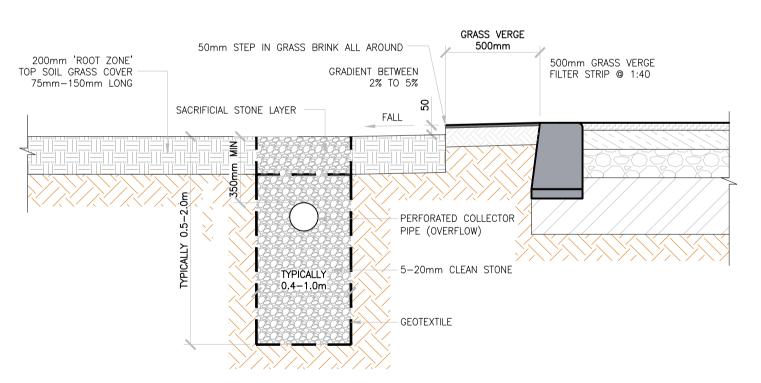
THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS SPECIFICATIONS AND THE PRELIMINARY HEALTH & SAFETY PLAN.

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.

NOTE





FILTER DRAIN WITH OVERFLOW PIPE

ATTENUATION ZONE INFORMATION
ATTENUATION PROVIDED BY STONE FILL UNDER PERMEABLE PAVING

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 IL = 17.350m

ATTENUATION STORAGE DEPTH = (60.155m3/216.432m2)/30% = 0.930m

PERMEABLE PAVING TO ATTENUATION ZONE SCALE 1:20

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

INBITEX (OR SIMILAR APPROVED) GEOTEXTILE

50mm LAYING COURSE TO TABLE A.2*

INBITEX (OR SIMILAR APPROVED) GEOTEXTILE

Ø150 PERFORATED RIGID LAND DRAIN TO ENGINEERS SPECIFICATION

SPACING OF DRAINS SUBJECT TO DESIGN

SUBGRADE

CONTENT-CLAUSE 6.3*

A.1* AND TABLE A.3*

CL.6F1/6F2 CAPPING LAYER

JOINTS FILLED WITH LAYING COARSE MATERIAL TO TABLE A.2*

125mm HYDRAULICALLY BOUND COURSE GRADED AGGREGATE (POROUS NO-FINES CONCRETE) WITH 170kg/cu.m CEMENT

150mm COARSE GRADED AGGREGATE TYPE 4/20 TO TABLE

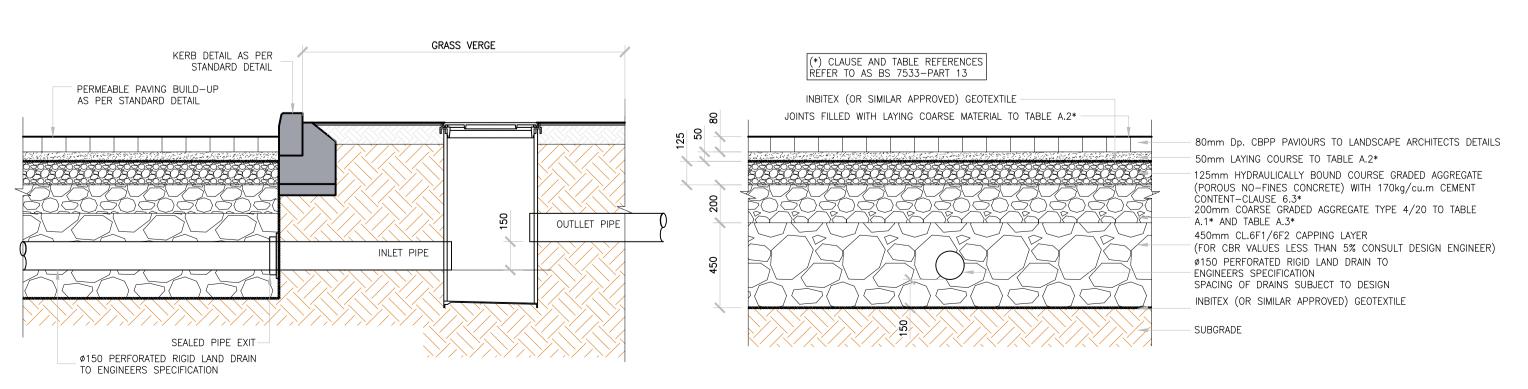
(FOR CBR VALUES LESS THAN 5% CONSULT DESIGN ENGINEER)

80mm Dp. CBPP PAVIOURS TO LANDSCAPE ARCHITECTS DETAILS

(30% STONE VOID RATIO ASSUMED)

ATTENUATION VOL. REQUIRED = 60.155m3 ATTENUATION ZONE AREA = 216.432m2 VOID RATIO = 30%

MAX. WATER LEVEL (1:100 YEAR) +17.500m



PERMEABLE PAVING DETAIL

TYPICAL PERMEABLE PAVING OUTLET DETAIL
SCALE 1:20

SUDS DRAINAGE LAYOUT

malone o'regan e:

DUBLIN CITY COUNCIL

0 ISSUED FOR PLANNING

EV DESCRIPTION

09.09.24 KA DW

DATE

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23006 | A1 | 1:250 | JULY'2023 | KA | PB | PB | 0

ORG. NO.

SHB5-FLD-DR-MOR-CS-P3-151

P3 – PLANNING

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