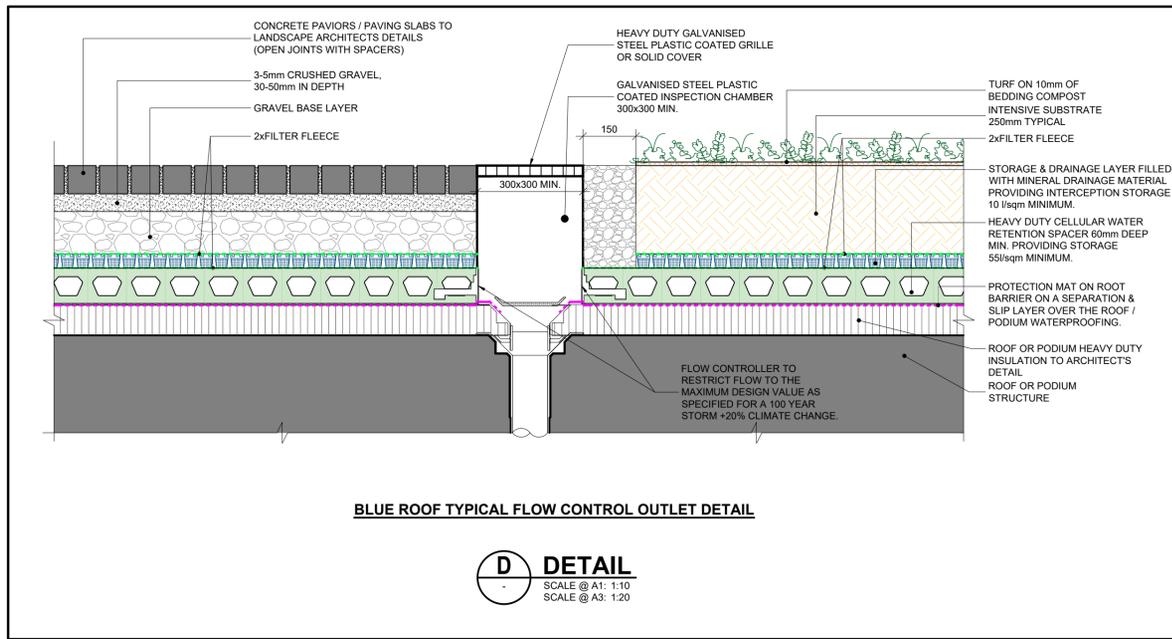


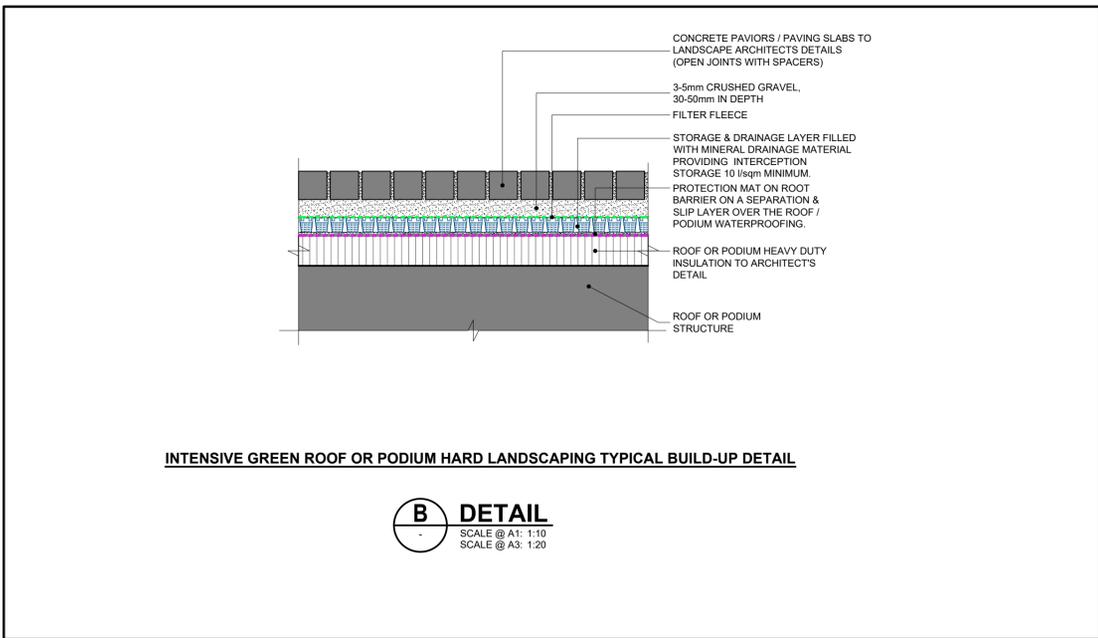
INTENSIVE GREEN ROOF OR PODIUM WITH SOFT LANDSCAPING SHOWING TYPICAL OUTFALL DETAIL

A DETAIL
SCALE @ A1: 1:10
SCALE @ A3: 1:20



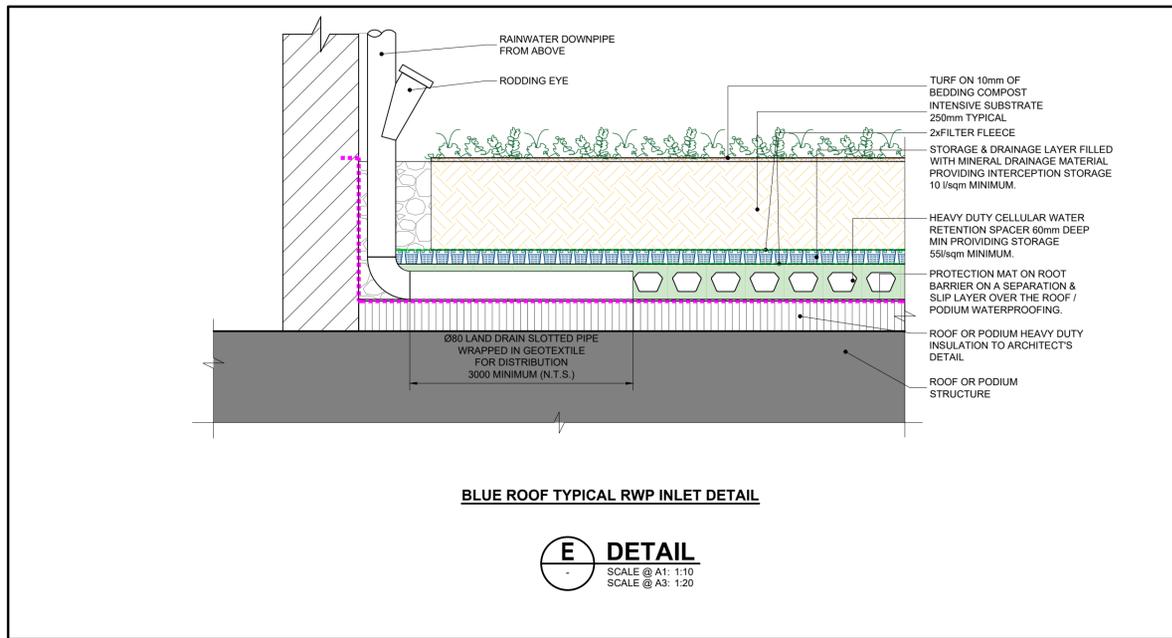
BLUE ROOF TYPICAL FLOW CONTROL OUTLET DETAIL

D DETAIL
SCALE @ A1: 1:10
SCALE @ A3: 1:20



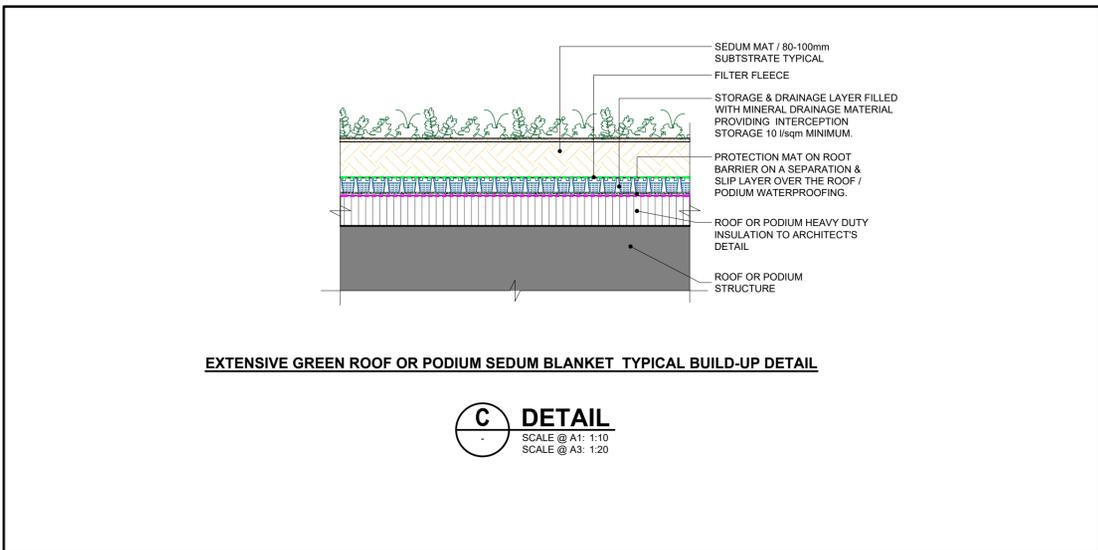
INTENSIVE GREEN ROOF OR PODIUM HARD LANDSCAPING TYPICAL BUILD-UP DETAIL

B DETAIL
SCALE @ A1: 1:10
SCALE @ A3: 1:20



BLUE ROOF TYPICAL RWP INLET DETAIL

E DETAIL
SCALE @ A1: 1:10
SCALE @ A3: 1:20



EXTENSIVE GREEN ROOF OR PODIUM SEDUM BLANKET TYPICAL BUILD-UP DETAIL

C DETAIL
SCALE @ A1: 1:10
SCALE @ A3: 1:20

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - 'ASK'.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

NOTES:

- DETAILED DESIGN & SPECIFICATION OF BLUE & GREEN ROOF OR PODIUM SYSTEMS BY THE SUPPLIER, SUBJECT TO APPROVAL.
- ALL MEMBRANES / SHEETS TO BE UV STABILISED & ROT PROOF.
- A 100Ø mm EMERGENCY PARAPET OVERFLOW PIPE SHOULD BE PROVIDED ON ALL BLUE ROOFS.

MAINTENANCE REQUIREMENTS FOR GREEN ROOFS

REGULAR INSPECTIONS, ANNUALLY AND AFTER SEVERE STORMS. INSPECT ALL COMPONENTS INCLUDING SOIL SUBSTRATE, VEGETATION, DRAINS, IRRIGATION SYSTEMS (IF APPLICABLE), MEMBRANES AND ROOF STRUCTURE FOR PROPER OPERATION, INTEGRITY OF WATERPROOFING AND STRUCTURAL STABILITY. INSPECT SOIL SUBSTRATE FOR EVIDENCE OF EROSION CHANNELS AND IDENTIFY ANY SEDIMENT SOURCES. INSPECT DRAIN INLETS TO ENSURE UNRESTRICTED RUNOFF FROM THE DRAINAGE LAYER TO THE CONVEYANCE OR ROOF DRAIN SYSTEM. INSPECT UNDERSIDE OF ROOF FOR EVIDENCE OF LEAKAGE.

REGULAR MAINTENANCE
REMOVE DEBRIS AND LITTER TO PREVENT CLOGGING OF INLET DRAINS AND INTERFERENCE WITH PLANT GROWTH. SIX MONTHLY AND ANNUALLY OR AS REQUIRED
DURING ESTABLISHMENT (I.E. YEAR ONE), REPLACE DEAD PLANTS AS REQUIRED. MONTHLY (BUT USUALLY RESPONSIBILITY OF MANUFACTURER)
POST ESTABLISHMENT, REPLACE DEAD PLANTS AS REQUIRED (WHERE > 5% OF COVERAGE). ANNUALLY (IN AUTUMN)
REMOVE FALLEN LEAVES AND DEBRIS FROM DECIDUOUS PLANT FOLIAGE. SIX MONTHLY OR AS REQUIRED
REMOVE NUISANCE AND INVASIVE VEGETATION, INCLUDING WEEDS SIX MONTHLY OR AS REQUIRED MOW GRASSES, PRUNE SHRUBS AND MANAGE OTHER PLANTING (IF APPROPRIATE) AS REQUIRED - CLIPPINGS SHOULD BE REMOVED AND NOT ALLOWED TO ACCUMULATE. SIX MONTHLY OR AS REQUIRED

REMEDIAL ACTIONS
IF EROSION CHANNELS ARE EVIDENT, THESE SHOULD BE STABILISED WITH EXTRA SOIL SUBSTRATE SIMILAR TO THE ORIGINAL MATERIAL, AND SOURCES OF EROSION DAMAGE SHOULD BE IDENTIFIED AND CONTROLLED. FREQUENCY AS REQUIRED.
IF DRAIN INLET HAS SETTLED, CRACKED OR MOVED, INVESTIGATE AND REPAIR AS APPROPRIATE. FREQUENCY AS REQUIRED.

ISSUE	DATE	DESCRIPTION	DRN	ORIG	P.E	P.D
PL4	09.03.22	ISSUED FOR COMMENT				
PL3	07.01.22	ISSUED FOR COMMENT				

DRAWING STAGE **PLANNING**

BM Dublin Office: Sandwith House, 52-54 Lower Sandwith Street, Dublin 2, Ireland. Tel: (01) 677 3200 Fax: (01) 677 3164
London Office: 12 Mill Street, London SE1 2AY, United Kingdom Tel: (0044) 084 5413 2722
Consulting Engineers, Civil, Structural, Project Management. E-mail: bmce@bmce.ie Web: www.bmce.ie



CLIENT **LAND DEVELOPMENT AGENCY**

PROJECT TITLE DUNDRUM CENTRAL DEVELOPMENT	BM PROJECT No. 20.170
MODEL REFERENCE	MODEL REV. SUITABILITY

DRAWING TITLE
SuDS DETAILS. TYPICAL GREEN & BLUE ROOF DETAILS.

DRAWING No. DCD-BMD-00-00-DR-C-1205	ISSUE PL4
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