



ITEM	FOOTPRINT AREA	ROOF AREA	PODIUM AREA	GREEN ROOF	ROOF PV PANELS	ROOF IMPERMEABLE	PODIUM BLUE ROOF SOFTSCAPING	PODIUM BLUE ROOF HARDSCAPING	PODIUM IMPERMEABLE	SERV. BLDGS IMPERMEABLE	ROOFS GREEN FRACTION	PODIUM GREEN FRACTION
BLOCK 2	4531	3228	1303	2635	107	486	603	646	54	48	81.8%	46.3%
BLOCK 3	3566	2343	1213	1900	130	253	489	674	50	0	83.7%	40.3%
BLOCK 4	3303	1996	1097	1576	115	275	344	635	128	0	82.2%	31.4%
BLOCK 5	3543	2223	1320	1903	95	325	560	695	95	0	81.1%	42.4%
BLOCK 6	2671	0	0	1723	19	929	0	0	0	35	64.5%	0
BLOCK 7	5989	3596	2383	3011	180	425	833	1405	154	0	83.7%	34.8%
BLOCK 8	1447	1447	0	0	0	1447	0	0	0	95	0.0%	0
BLOCK 9	983	983	0	0	0	983	0	0	233	0	0.0%	0
BLOCK 10	5158	3342	1816	2702	116	524	827	745	244	0	80.8%	45.5%
LODGE	107	107	0	0	0	107	0	0	0	0	0.0%	0
TOTAL	31048	21908	9142	15410	763	5734	3628	4761	725	352	80.0%	45.5%

TOTAL FOOTPRINT INCLUDING SERVICE BUILDINGS: 31400  
 NOTE: TOTAL GREEN ROOF AREA = 70.3% OF THE TOTAL ROOF AREA

NOTES:  
 1. BLOCK 3 ROOF OVERHANGS AREA OF 342sqm (335sqm BLUE ROOF HARDSCAPING ASSUMED (FOR EXTRA STORAGE IF NEEDED) + 7sqm OF VERTICAL RISING ELEMENTS)  
 2. BLOCK 6 ROOF OVERHANGS AREA OF 315sqm (27sqm OF SOFT LANDSCAPING (20) + 218sqm CONCRETE FOOTPATHS (B2) AND 38sqm OF IMPERMEABLE PAVING)  
 3. BLOCK 8 IMPERMEABLE ROOF AREAS ARE DIVIDED BETWEEN CATCHMENTS 'A' (157sqm OF RESIDENTIAL ROOFS) & 'B' (890sqm RESIDENTIAL ROOFS AND 35sqm OF SERVICE BUILDINGS) FOR A TOTAL OF 1047sqm AS PER TABLE ABOVE.  
 4. BLOCK 10 ROOF OVERHANGS AREA OF 599sqm (199sqm IMPERMEABLE PAVING + 199sqm SOFT LANDSCAPING (D))  
 5. ALL AREAS GIVEN IN SQUARE METERS.

**NOTES**

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

**SUDS LEGEND**

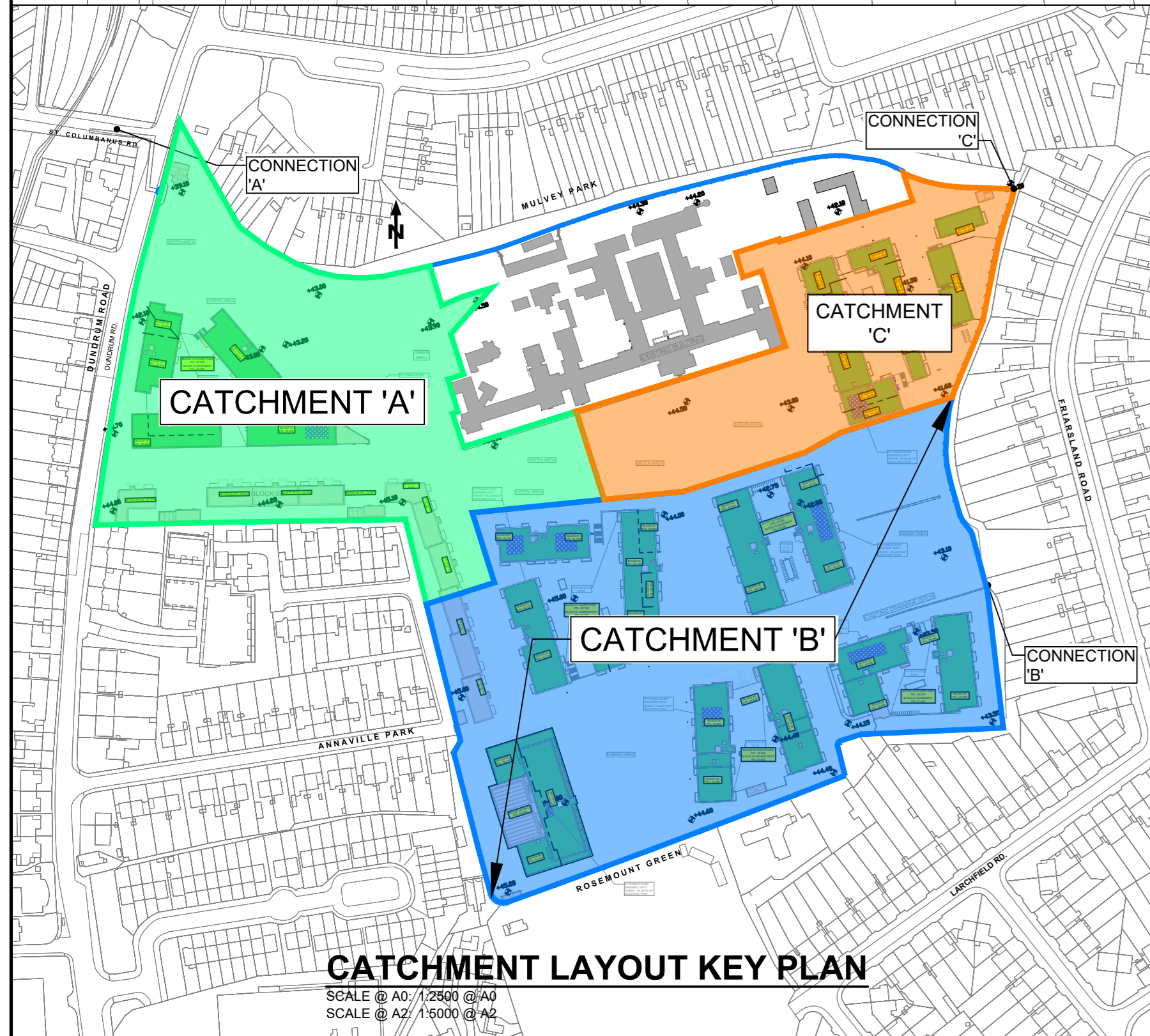
- GREEN ROOF - INTENSIVE / EXTENSIVE
- PODIUM BLUE ROOF
- IMPERMEABLE ROOF
- PODIUM BLUE ROOF WITH INTENSIVE ROOF BUILDUP
- PODIUM BLUE ROOF WITH PERMEABLE PAVING HARDSTANDING FINISHES ON DRAINAGE BOARD

**SUDS MEASURES:**

- RETENTION AREAS & TREE PITS
- FILTER TRENCHES
- PERMEABLE PAVING
- DETENTION BASIN
- ATTENUATION TANKS WITH INFILTRATION

**NOTES:**

- ATTENUATION TANKS AND GRANULAR FILL OVER THE TANKS TO BE DESIGNED FOR FIRE TENDERS LOOKING IN ALL LOCATIONS UNLESS NOTED OTHERWISE.
- IF NOT ASSIGNED AS ABOVE, HARD / SOFT LANDSCAPING TO ARCHITECT & LANDSCAPE ARCHITECT DETAILS.



PS	05.09.24	ISSUED FOR PLANNING	WK
PS	19.08.24	SURFACE WATER AUDIT ISSUE	WK
PA	01.08.24	SURFACE WATER AUDIT ISSUE	WK
PS	10.07.24	ISSUED TO LDA FOR COMMENT	WK
P2	17.05.24	ISSUED TO USJCE GREENANN	WK
P1	05.05.24	ISSUED FOR COMMENT	WK

ISSUE: DATE DESCRIPTION BY

Project Engineer: POD Project Director: JPC

**PLANNING**

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APPLICANT: DUN LAOGHAIRE-RATHDOWN COUNTY COUNCIL  
 LAND DEVELOPMENT AGENCY

PROJECT TITLE: PROPOSED PART 10 RESIDENTIAL DEVELOPMENT, DUNDRUM CENTRAL DEVELOPMENT, DUNDRUM ROAD, DUBLIN 14. BM PROJECT NO: 20.170

DRAWING REFERENCE: DCD-BMD-00-00-DR-C-11030 STATUS: P6

**SUDS LAYOUT**  
 SCALE @ A0: 1:500  
 SCALE @ A2: 1:1000