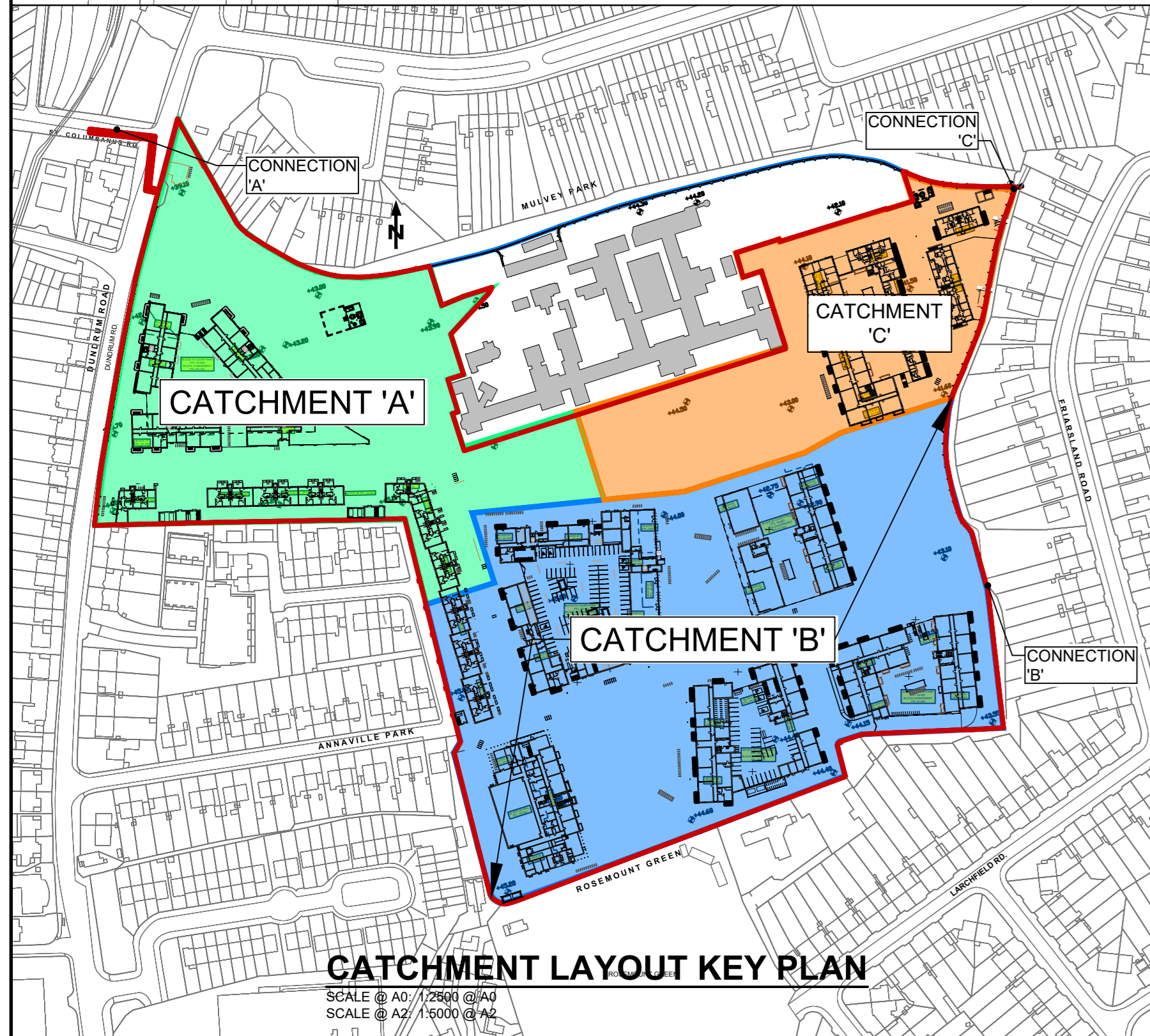


- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED, WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - AS2.
  - CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.
- SuDS LEGEND**
- IMPERMEABLE STONE MASTIC ASPHALT CARRIAGEWAY REFER TO DRG C-1206, SECTIONS 'A' & 'E'
  - IMPERMEABLE EXISTING CARRIAGEWAY PLANNED OFF 40mm AND RESURFACED WITH 40mm OVERLAY
  - IMPERMEABLE CONCRETE FOOTPATH REFER TO DRG C-1200, SECTION 'C'
  - ACTIVE TRAVEL ROUTE BUFF COLOURED PA (4m WIDE TYPE) REFER TO DRG C-1200, SECTION 'E'
  - PERMEABLE PAVING REFER TO DRG C-1206 FOR DETAILS
  - GRASSCRETE REFER TO DRG C-1200, DETAIL 'P' FOR DETAILS
  - IMPERMEABLE PAVING REFER TO DRG C-1200, DETAIL 'D'
  - RESIN BOUND GRAVEL REFER TO DRG C-1200, DETAIL 'F'
  - WETPOUR PLAY SURFACE REFER TO DRG C-1200, DETAIL 'R'
  - BIO RETENTION AREA REFER TO DRG C-1209
  - TREE PITS REFER TO DRG C-1209, SECTION 'B'
  - SOFT LANDSCAPING TO LANDSCAPE ARCHITECTS DETAILS, INCLUDING MELCH FRESH AREAS
  - PROPRIETARY CELLULAR BURIED ATTENUATION TANK
  - BURIED CONCRETE ATTENUATION TANK
  - STORMTECH TYPE BURIED ATTENUATION TANK
  - FILTER TRENCH / INTERCEPTION TRENCH: RUNNING LENGTHS: CATCHMENT 'A' 280m, CATCHMENT 'B' 132m, CATCHMENT 'E' 430m
- SuDS MEASURES:**
- BIO 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 TENDER LOADING IN ALL LOCATIONS UNLESS NOTED OTHERWISE
  - IF NOT ASSIGNED AS ABOVE, HARD / SOFT LANDSCAPING TO ARCHITECT & LANDSCAPE ARCHITECT DETAILS.

ITEM	CATCHMENT A	CATCHMENT B	CATCHMENT C	SITE TOTAL	SITE PERCENTAGE
<b>TOTAL AREA</b>	29672	48045	17628	95545	
Building Footprints	7238	19583	4579	31400	32.86%
A1 A2 type Impermeable Roads	2765	4223	1696	8684	9.09%
Existing Impermeable Roads	659	0	0	659	0.69%
Impermeable Paved Tables	134	231	60	425	0.44%
Impermeable Concrete Footpath	1454	3223	1567	6244	6.54%
Impermeable Paving	1249	2634	303	4186	4.38%
Tactile Paving	75	58	22	155	0.16%
Other Impermeable	730	337	1662	2729	2.86%
<b>TOTAL IMPERMEABLE</b>	14304	30289	9891	54484	57.02%
Permeable Gravel Roads	74	185	62	321	0.34%
Permeable Paving	705	862	765	2332	2.44%
Permeable Play Surface	334	426	0	760	0.80%
Active Route (Buff Coloured PA)	2324	759	68	3151	3.30%
Bioretention Area	457	1499	259	2215	2.32%
Tree Pit	349	378	358	1085	1.14%
Soft Landscaping	10680	11015	6193	27888	29.19%
Porous Resin Bound	564	2387	32	2983	3.12%
Grasscrete	81	100	0	181	0.19%
Open Watercourse	0	145	0	145	0.15%
<b>TOTAL PERMEABLE AREA</b>	15568	17756	7737	41061	42.98%

**NOTE:**  
 1. SITE AREA TOTAL EXCLUDES ROADWORKS AREAS ON DUNDRUM ROAD AS THEY ARE SERVED BY EXISTING SW SYSTEM  
 2. Other Impermeable ITEM INCLUDES KERBS NOT CAST WITH THE CONCRETE FOOTPATH, RUBBING STRIPS, STAIRS AND ANY ITEM NOT ACCOUNTED FOR IN OTHER CATEGORIES  
 3. Bioretention Area INCLUDES PONDS IN CATCHMENT 'B'  
 4. ALL AREAS GIVEN IN SQUARE METERS.



CYCLE AND PEDESTRIAN ACCESS TO ANNVILLE PARK

SUNKEN BIO RETENTION AREAS W/ETLAND WITH BIOLING SIDES DOWN TO 400mm BELOW THE SURROUNDING GROUND LEVEL AREA SHOWN BLUE IS SUNKEN FURTHER DOWN THAN AND IS TO HAVE HAVE A SUITABLE WATERPROOF LINER TO ALLOW FOR PERMANENT STANDING WATER

CYCLE AND PEDESTRIAN ACCESS TO ROSEMOUNT GREEN

**SuDS LAYOUT**  
 SCALE @ A0: 1/500  
 SCALE @ A2: 1/1000

PL	16.09.24	ISSUED FOR PLANNING	WK
PS	05.09.24	ISSUED FOR COMMENT	WK
PA	01.08.24	SURFACE WATER AUDIT ISSUE	WK
PP	10.07.24	ISSUED TO LDA FOR COMMENT	WK
P2	17.06.24	ISSUED TO USJCE CIREANN	WK
P1	06.06.24	ISSUED FOR COMMENT	WK
ISSUE:	DATE	DESCRIPTION	BY
Project Engineer: POD      Project Director: JPC			
<b>PLANNING</b>			
<b>BM</b>			
DUBLIN OFFICE: 30 South Wall, Dublin 2, Ireland. Tel: (01) 872 3200 Fax: (01) 872 3164			
LONDON OFFICE: 8th Floor, 484 Regent Street, London W1B 2SA, United Kingdom. Tel: (020) 405 3750 3530			
APPLICANT: DÚN LAOGHAIRE-RATHDOWN COUNTY COUNCIL			
PROJECT TITLE: LAND DEVELOPMENT AGENCY			
PROPOSED PART 10 RESIDENTIAL DEVELOPMENT, DUNDRUM CENTRAL DEVELOPMENT, DUNDRUM ROAD, DUBLIN 14.			BM PROJECT NO: 20.170
REFERENCE:	SUITABILITY:	REVISION:	
DRAWING TITLE: GROUND LEVEL SuDS LAYOUT			
DRAWING REFERENCE: DCD-BMD-00-00-DR-C-11031	STATUS: P6	REVISION:	