

Catchment 1				Catchment Effective Area (m ²)	Catchment Effective Area (m ²)
Area (m ²)	C	Effective Area (m ²)	Effective Area (m ²)		
PERMEABLE PAVING		0.70	0	1114	Catchment Drains to Pond 5
ROOF		1.00	0		
PERMEABLE ASPHALT		0.70	0		
CONCRETE ROADS		0.80	0		
ASPHALT ROAD	1209	0.80	967		
GRAVEL AREAS		0.70	0		
LANDSCAPING		0.00	0		
CONCRETE SIDEWALK	183	0.80	146		
PERMEABLE PAVING SIDEWALK		0.70	0		
BUNDED AREA		0.80	0		
Total	1392		1114		

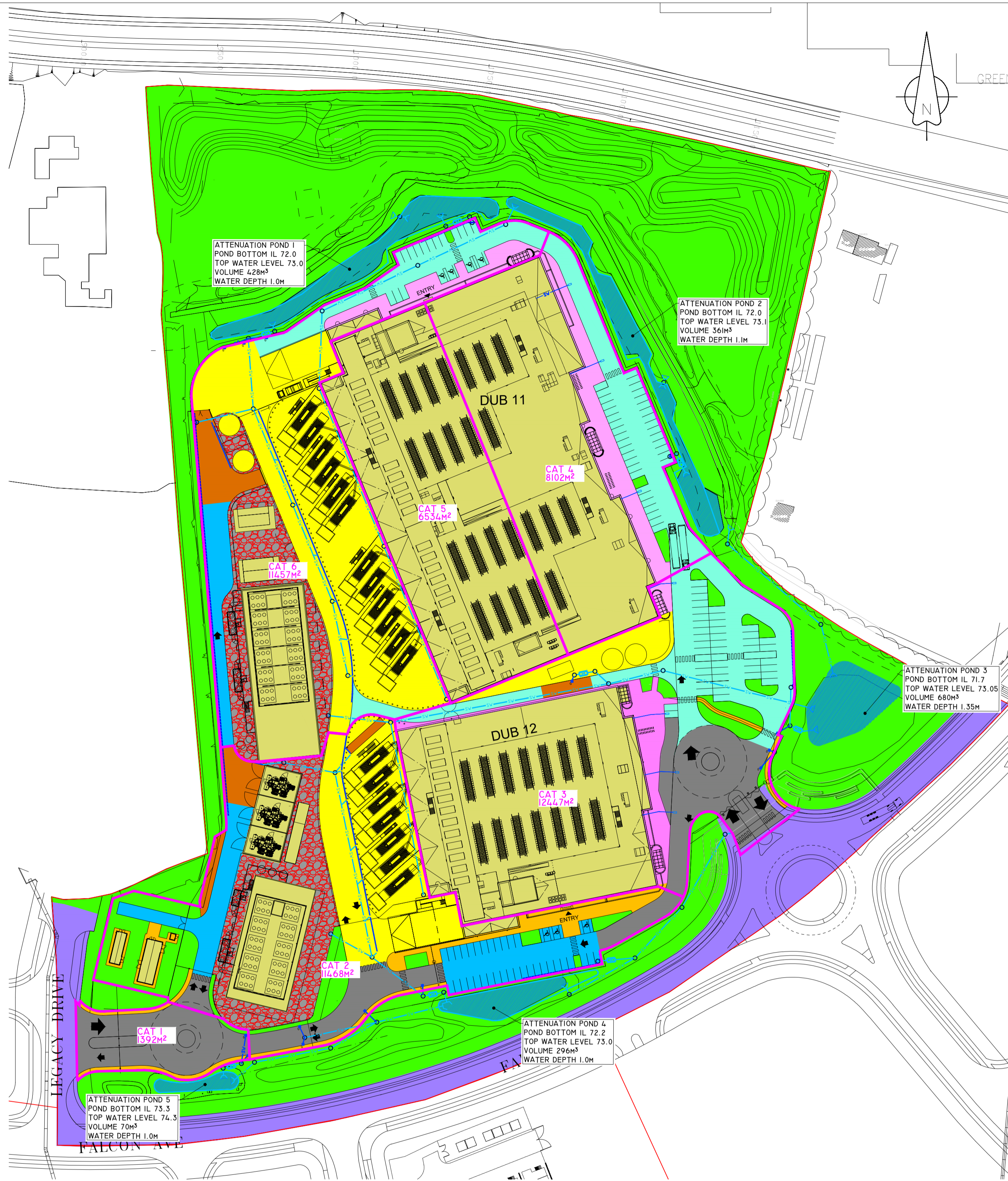
Catchment 2				Catchment Effective Area (m ²)	Catchment Effective Area (m ²)
Area (m ²)	C	Effective Area (m ²)	Effective Area (m ²)		
PERMEABLE PAVING		0.70	0	8021	Catchment Drains to Pond 4
ROOF	1721	1.00	1721		
PERMEABLE ASPHALT	1422	0.70	995		
CONCRETE ROADS	3022	0.80	2418		
ASPHALT ROAD	803	0.80	642		
GRAVEL AREAS	1725	0.70	1208		
LANDSCAPING	1479	0.00	0		
CONCRETE SIDEWALK	914	0.80	731		
PERMEABLE PAVING SIDEWALK		0.70	0		
BUNDED AREA	382	0.80	306		
Total	11468		8021		

Catchment 3				Catchment Effective Area (m ²)	Catchment Effective Area (m ²)
Area (m ²)	C	Effective Area (m ²)	Effective Area (m ²)		
PERMEABLE PAVING	2669	0.70	1868	10478	Catchment Drains to Pond 3
ROOF	6136	1.00	6136		
PERMEABLE ASPHALT		0.70	0		
CONCRETE ROADS	780	0.80	624		
ASPHALT ROAD	1538	0.80	1230		
GRAVEL AREAS		0.70	0		
LANDSCAPING	445	0.00	0		
CONCRETE SIDEWALK	36	0.80	29		
PERMEABLE PAVING SIDEWALK	843	0.70	590		
BUNDED AREA		0.80	0		
Total	12447		10478		

Catchment 4				Catchment Effective Area (m ²)	Catchment Effective Area (m ²)
Area (m ²)	C	Effective Area (m ²)	Effective Area (m ²)		
PERMEABLE PAVING	1580	0.70	1106	7342	Catchment Drains to Pond 2
ROOF	5586	1.00	5586		
PERMEABLE ASPHALT		0.70	0		
CONCRETE ROADS		0.80	0		
ASPHALT ROAD		0.80	0		
GRAVEL AREAS		0.70	0		
LANDSCAPING	8	0.00	0		
CONCRETE SIDEWALK		0.80	0		
PERMEABLE PAVING SIDEWALK	928	0.70	650		
BUNDED AREA		0.80	0		
Total	8102		7342		

Catchment 5				Catchment Effective Area (m ²)	Catchment Effective Area (m ²)
Area (m ²)	C	Effective Area (m ²)	Effective Area (m ²)		
PERMEABLE PAVING		0.70	0	6534	Catchment Drains to Pond 2
ROOF	6534	1.00	6534		
PERMEABLE ASPHALT		0.70	0		
CONCRETE ROADS		0.80	0		
ASPHALT ROAD		0.80	0		
GRAVEL AREAS		0.70	0		
LANDSCAPING		0.00	0		
CONCRETE SIDEWALK		0.80	0		
PERMEABLE PAVING SIDEWALK		0.70	0		
BUNDED AREA		0.80	0		
Total	6534		6534		

Catchment 6				Catchment Effective Area (m ²)	Catchment Effective Area (m ²)
Area (m ²)	C	Effective Area (m ²)	Effective Area (m ²)		
PERMEABLE PAVING	1268	0.70	888	9109	Catchment Drains to Pond 1
ROOF	1726	1.00	1726		
PERMEABLE ASPHALT	620	0.70	434		
CONCRETE ROADS	5275	0.80	4220		
ASPHALT ROAD		0.80	0		
GRAVEL AREAS	1592	0.70	1114		
LANDSCAPING		0.00	0		
CONCRETE SIDEWALK		0.80	0		
PERMEABLE PAVING SIDEWALK	534	0.70	374		
BUNDED AREA	442	0.80	354		
Total	11457		9109		



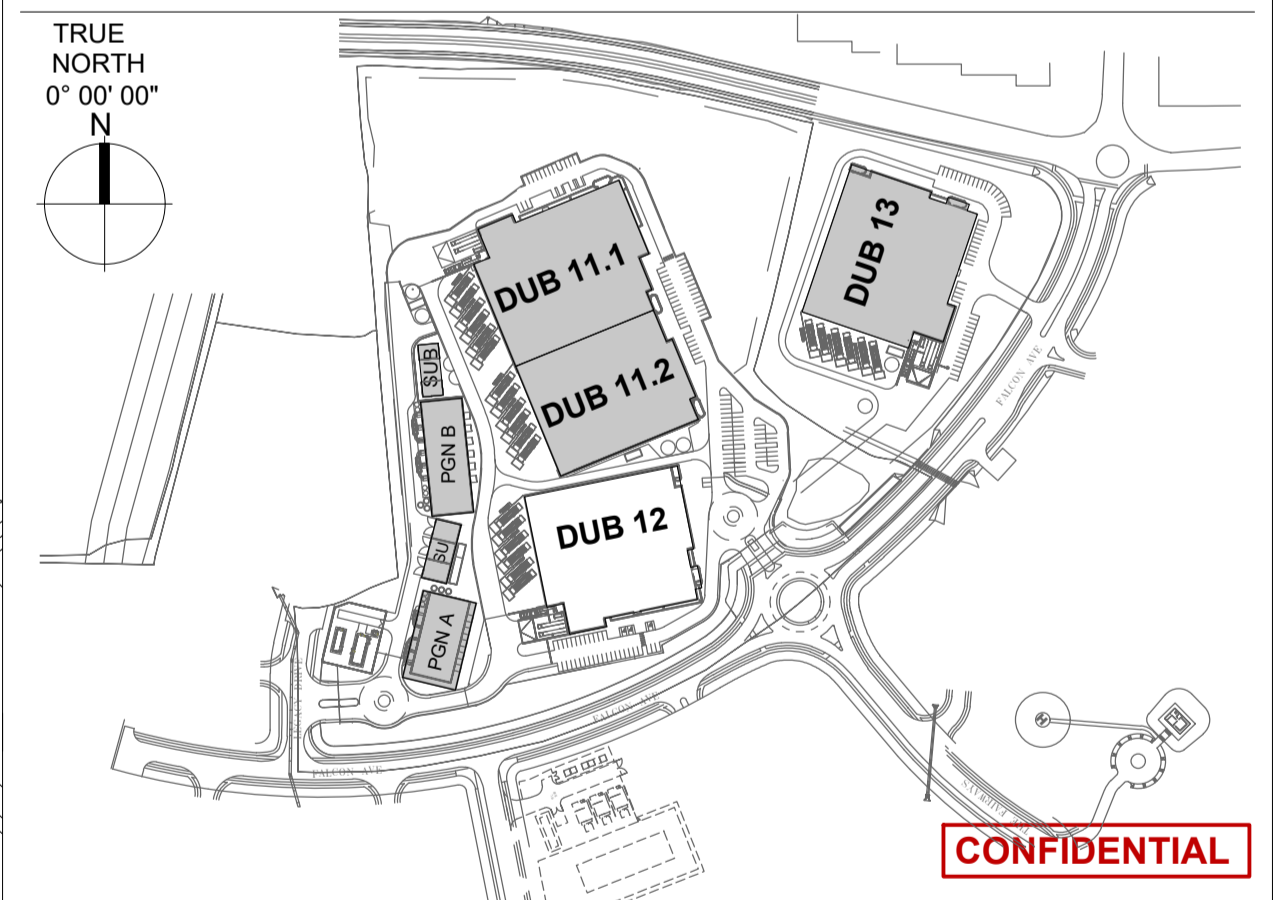
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KEY

■ PERMEABLE PAVING	■ GRAVEL AREAS
■ ROOF AREAS	■ EXISTING ROAD (TO REMAIN)
■ PERMEABLE ASPHALT	■ LANDSCAPING
■ CONCRETE ROADS, GENERATOR YARDS, EXTERNALS AND SLABS	■ CONCRETE SIDE WALK
■ ASPHALT ROAD	■ PERMEABLE PAVING SIDE WALK
■ BUNDED AREA	■ ATTENUATION PONDS AND SWALES

DESCRIPTION	AREA (m ²)	CO-EFFICIENT
PERMEABLE PAVING	5,517	0.7
ROOF	21,703	1.0
PERMEABLE ASPHALT	2,042	0.7
CONCRETE ROADS, GENERATOR YARDS, EXTERNALS AND SLABS	9,077	0.8
ASPHALT ROAD	3,550	0.8
GRAVEL AREAS	3,317	0.7
EXISTING ROAD (TO REMAIN)	6,114	0.0
LANDSCAPING	28,997	0.0
CONCRETE SIDEWALK	1,133	0.8
PERMEABLE PAVING SIDEWALK	2,306	0.7
ATTENUATION PONDS AND SWALES	2,769	0.0
BUNDED AREA	824	0.8
TOTAL AREA	87,349	

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Rev.	Date	Drawn By	Checked By	Description



Scale For Microfilming
Millimeters
Inches

Catchment Summary

	Area (m ²)	Effective Area (m ²)
Catchment 1	1392	1114
Catchment 2	11468	8021
Catchment 3	12447	10478
Catchment 4	8102	7342
Catchment 5	6534	6534
Catchment 6	11457	9109
Total	51400	42597

Combined Catchment Summary

	Area (m ²)	C Value	Effective Area (m ²)
PERMEABLE PAVING	5517	0.70	3862
ROOF	21703	1.00	21703
PERMEABLE ASPHALT	2042	0.70	1429
CONCRETE ROADS	9077	0.80	7262
ASPHALT ROAD	3550	0.80	2840
GRAVEL AREAS	3317	0.70	2322
LANDSCAPING	1932	0.00	0
CONCRETE SIDEWALK	1133	0.80	906
PERMEABLE PAVING SIDEWALK	2305	0.70	1614
BUNDED AREA	824	0.80	659
Total	51400		42597

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 JM S'OR FJVR

Project address:
Profile Park, Dublin 22, Ireland
 53° 19' 1.40"N 6° 26' 40.80"W

Drawing title: **CATCHMENT LAYOUT** Sheet number: **C131**

Format / Size: Scale: Status: Date: File Code: Rev:
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