



© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.

NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL.

NOTES:



- LEGEND**
- ROOFS - GREEN
 - ROOFS - TERRACES (DRAINING TO GULLIES)
 - HARDSTANDING AREAS (DRAINING TO SUDS FEATURES)
 - LANDSCAPING
 - ROADS & FOOTPATHS DRAINING TO SUDS FEATURES
 - PROPOSED ATTENUATION TANKS
 - PROPOSED FILTER DRAIN
 - PROPOSED PERMEABLE PAVING
 - CATCHMENT DRAINING TO ATTENUATION TANK 1
 - CATCHMENT DRAINING TO ATTENUATION TANK 2

1	29-03-23	ISSUED FOR PLANNING	BS	NJF
0	30-09-22	ISSUED FOR STAGE 2 PRE-PLANNING	BS	NJF
rev	date	description	by	chkd.

STATUS CODES

purpose acceptance

P3 - PLANNING PERMISSION S - ISSUED



DUBLIN OFFICE: Ormond House, Upper Ormond Quay, Dublin 7, D07 W0F4
PHONE: +353 1 434 4300

CORK OFFICE: 14 South Mall, Cork, T12 CT91
PHONE: +353 21 2024538

WATERFORD OFFICE: Suite 10 The Atrium, Maritime Gate, Canada Street, Waterford, X91 W028
PHONE: +353 51 309 500

project ref. **SITE AT TAYLORS LANE, BALLYBODEN, DUBLIN 16**

drawing title **CATCHMENT & SURFACE WATER STRATEGY**

client **SHANNON HOMES DUBLIN UNLIMITED COMPANY**

designed by	author	scale	sheet size
GK	BS	1:500	A1
drawing no.	revision		
190068-X-91-Z00-XXX-DR-DBFL-CE-1401	1		

ORDNANCE SURVEY IRELAND LICENCE
No CYAL50276885
© ORDNANCE SURVEY IRELAND
GOVERNMENT OF IRELAND

DESCRIPTION	CATCHMENT CHARACTERISTICS		TOTAL AREA	EFFECTIVE AREA C1	EFFECTIVE AREA (C2)	RUNOFF COEFF.
	CATCHMENT DRAINING TO ATTENUATION TANK 1 (m ²)	CATCHMENT DRAINING TO ATTENUATION TANK 2 (m ²)				
ROOFS - GREEN	2810	3210	6020	2107.500	2672.250	0.750
ROOFS - HARD STANDING (DRAINING TO GULLIES)	1830	2353	4183	1647.000	1800.000	0.900
ROOFS - DRAINING TO SUDS FEATURES	-	-	-	-	-	0.800
ROADS AND FOOTPATHS (DRAINING TO GULLIES)	-	-	-	-	-	0.900
ROADS AND FOOTPATHS (DRAINING TO SUDS FEATURES)	1370	3556	4926	959.000	2489.200	0.700
CAR PERMEABLE PAVING	284	130	414	198.800	91.000	0.700
PERMEABLE PAVING PODIUM	1674	724	2398	1255.500	543.000	0.700
GREEN PODIUM	1890	1008	2898	1323.000	705.600	0.700
GRASSED AREAS / SOFT LANDSCAPING	1050	5139	6189	210.000	1027.800	0.200
PUBLIC OPEN SPACE	-	-	7680	-	-	-