KEY DESIGN PARAMETERS FOR CELLUAR SOAKAWAYS

STONE VOID RATIO			95%				
SOAKAWAYS	LENGHT (M)	WIDTH (M)	DEPTH (M)	SIZE (M^2)	SIZE REQUIRED (M^2)	IMPERMEABLE AREA(M^2)	F-VALUE (M/SEC)
A	10.00	2.60	0.60	15.60	15.13	263	2.40^{-5}
B	13.00	2.00	0.60	15.60	15.36	263	1.62^{-5}
EXISTING HSE	6.00	3.00	0.60	10.80	8.58	210	3.06^{-5}

SILT TRAP INSTALLED BEFORE DISCHARGE TO CELLUAR STORAGE

ALL ELEMENTS OF THE CELLUAR STORAGE MUST BE MAINTAINED BY SUITABLY QUALIFIED PROFESSIONALS

NOTES

KEY DESIGN PARAMETERS FOR PERMEABLE PAVING

STONE VOID RATIO	30%
STORAGE DEPTH	137MM
TOTAL PERMEABLE PAVING AREA	$485M^2$
F-VALUE	2.01^{-5}M/SEC

ALL ELEMENTS OF THE PERMEABLE PAVING MUST BE MAINTAINED BY SUITABLY QUALIFIED PROFESSIONALS

REV.	DATE	DESCRIPTION	APPROVED

COPYRIGHT RESERVED – THIS DRAWING IS NOT TO BE USED FOR A PURPOSE OTHER THAN THAT FOR WHICH IT HAS BEEN ISSUED BY TRAYNOR ENVIRONMENTAL LTD.
NOR IS IT TO BE COPIED OR REPRODUCED IN ANY MATTER WITHOUT WRITTEN CONSENT.

Traynor Environmental Ltd.

Traynor Environmental Ltd

CLIENT
NICOLA LYNCH, BRIAN DUNNE, CIARA LYNCH & RICHARD O'FARRELL

PROJECT TITLE
LYNBROOK, WHITECHURCH RD, RATHFARNHAM, DUBLIN 16

DRAWING TITLE
SITE LAYOUT WITH PERCOLATION AREAS & SOAKAWAYS

SCALE	DRAWN	CHECKED	APPROVED
1/350	KILLIAN BANNON	NEVIN TRAYNOR	NEVIN TRAYNOR
	DATE APRIL 2022	DATE APRIL 2022	DATE APRIL 2022

DRAWING No. TE22.206.100

REV. C