780M² ROAD AREA THAT DRAINS TO CONSTRUCTED SWALE 50M³ STORAGE REQUIRED

SECTION A-A

Ex. SWMHA CL 60.240 IL 58.570

CONSTRUCTED SUDS SWALE DEPTH 0.5M (AVERAGE) AREA 125M² VOLUME 62.5M³

SWALE DETAIL
SECTION A-A

PLANTED VEGETATION

NON ERODIBLE VEGETATION SOIL

1m WATER STORAGE DEPTH

1300 · 1000

2600 · 1000 · 2600
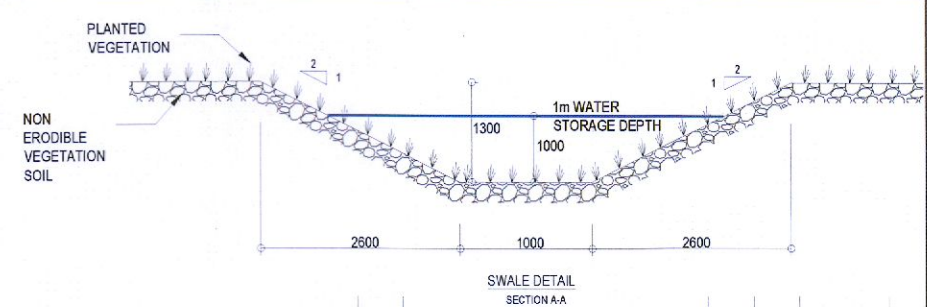
B	DRAWING UPDATED	FJVR	SOR	21/07/22
A	ISSUED FOR INFORMATION	FJVR	SOR	16/05/22
REV	DESCRIPTION	BY	CHK	DATE

CLIENT

edgeconnex

PROJECT

**EDCDUB02A/03
GRANGE CASTLE
DUBLIN**

DRAWING TITLE

**HARD PAVED
AREAS COMPARISON**

PINNACLE
CONSULTING ENGINEERS

GROSVENOR COURT,
67A PATRICK STREET,
DUN LAOGHAIRE,
COUNTY DUBLIN,
IRELAND.   TELEPHONE: +353 1231 1041

NORWICH | WELWYN | LONDON | BRISTOL

DRAWING STATUS

PLANNING

SCALE	DATE	DRAWN	CHKD
1:750	22.05.16	FJVR	SO'R
DRG NO.		REV	SIZE
299		B	A3

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REF: PI804-03

KEY
- ADDITIONAL HARD STAND AREA (C=1.0) - 763M³ (50M³ ADDITIONAL ATTENUATION REQUIRED)
- ADDITIONAL POROUS ASPHALT AREA (C=0.6) - 254M³ (20M³ ADDITIONAL ATTENUATION REQUIRED, PROVIDED IN SUBEBASE)
- EXTERNAL WORKS AREA FOR PLANNING SUBMISSION (AS SUBMITTED, AGREED AND APPLIED WITH)
- LANDSCAPED AREAS (C = 0.8)
- ROAD AREA THAT DRAINS TO CONSTRUCTED SWALE (780M²)
- ADDITIONAL SUDS BIO SWALE (VOLUME = 62.5M³/PROVIDED FOR ADDITIONAL HARD STAND AREA)

PLANNING REGISTRATION REFERENCE:
SD 22A/0009