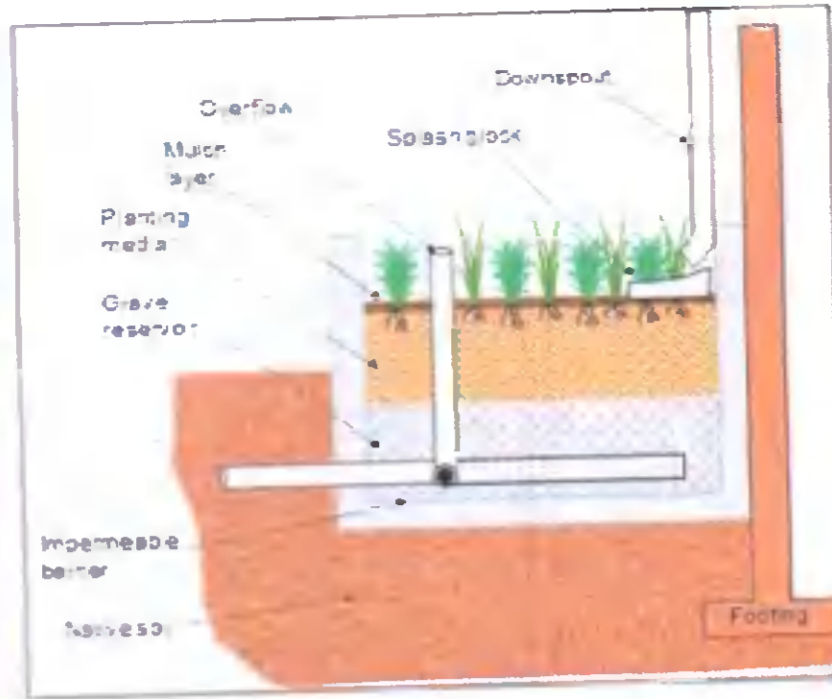


Soil Media Specification

- 40% sand
- 20-30% topsoil
- 30-40% compost

Pollutant Removal Efficiencies

- 90% Total Suspended Solids Reduction with 90% removal
- 30-50% Total Nitrogen Reduction
- 30-90% Total Phosphorus Reduction
- 40-90% Nitrate Reduction



PLANTER BOX RAINGARDEN DETAIL

SCHEDULE OF AREAS:
 NEW ROOF AREA = 1,109M SQ
 (THIS IS CONSTRUCTED OVER EXISTING
 HARDSTANDING PAVEMENT)

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS.
2. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING. ALL DIMENSIONS TO BE CHECKED ON SITE. ENGINEER TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE ANY WORK PROCEEDS.
3. REFER TO DRAWING JOB NUMBER 000 FOR PROJECT SPECIFICATION.

LEGEND

- EXISTING FOUL WATER SEWER
- EXISTING SURFACE WATER
- EXISTING COMBINED SEWER
- EXISTING WATERMAIN
- PROPOSED FOUL SEWER PIPE
- PROPOSED SURFACE WATER PIPE
- PROPOSED COMBINED SEWER
- EXISTING FOUL SEWER MANHOLE
- EXISTING SURFACE WATER MANHOLE
- PROPOSED FOUL SEWER MANHOLE
- PROPOSED SURFACE WATER MANHOLE
- ◇ PROPOSED F.O.U.A.I.
- ◇ PROPOSED SURFACE WATER A.I.
- ⊞ ROAD GULLY
- ⊞ BACK INLET GULLY TRAP
- ⊞ SILT TRAP
- RAIN WATER PIPE
- SOIL STACK
- ⊞ YARD GULLY
- RODDING EYE/ACCESS HATCH
- ⊞ 99.950 PROPOSED LEVEL
- ⊞ 99.950 EXISTING LEVEL
- WM WATER METER
- SV SLUICE VALVE
- TB THRUST BLOCK
- FMWS FIRE MAIN WATER SUPPLY
- MWS METERED WATER SUPPLY
- H HYDRANT



MANHOLE SCHEDULE

MN No.	COVER LEVEL	INVERT LEVEL
S1	59.558	58.880
S2	59.327	58.709
S3	59.707	58.532
S7	59.580	58.850
S8	59.548	58.655
S9	59.427	58.549
S10	59.784	58.505
S11	59.379	58.465
S12	59.388	58.39
S13	59.108	58.402

STORMTECH 100-130 CHAMBERS (10.86 x 8.77m)
 TOTAL STORAGE VOLUME: 32.23m³
 INVERT LEVEL: 59.450
 REFER TO DRAWING S014 FOR ATTENUATION DETAILS

F.F.L. 59.670

Rev	Date	Amendments	by	chkd
P03	01.04.22	MINOR REVISIONS	DB	IC
P02	01.04.22	ATTENUATION TANK REVISED	DB	IC
P01	01.04.22	ISSUED FOR PLANNING	DB	IC

PROJECT
PROPOSED PAINT STORE AT GALCO, BALLYMOUNT

CLIENT
GALCO

DRAWING TITLE
PROPOSED SITE LAYOUT & WATER SERVICES

drawn by: DB date: 01.04.22 scale: 1:500 @ A1 ctk: IC

GALC - DOW - 00 - XX - DR - CE

Project	Originator	Volume	Level	Type	Role
21183	5001				P-03

DOW Project No. dng. no. rev.

S4 - FOR STAGE APPROVAL
 Suitability Status: Code - Description
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