Sheet ACAD - A1 rev. C

N

0 1000 2000 3000 4000 5000 mm
SCALE 1:100

FROM EF0115

SUMP DRAIN WITH SUMP DRAIN OUTLET

NEW RAMPED BACKDROP CONSTRUCTED INTO EXISTING CHAMBER EF1015 BDIL:240.800

FROM EF001

EF1015
CL:242.60
IL:239.30

BALLPARK

EFCMH1

EFCMH2
CL:240.130
IL:238.070

EFCMH3
CL:240.120
IL:238.990

EFCMH4

EF1011
3.34mdp

300Ø

NEW CHAMBER CONSTRUCTED ON LINE OF EXISTING FOUL WATER SEWER . FOLLOWING AGREEMENT WITH DCWW

EFCMH5A

EFCMH6

EFCMH5
CL:240.130
IL:238.300

EFCMH7

EFCMH8

EFSP10
CAP END

PARKING

BLOCK 1

BLOCK 2

BLOCK 3

FFL:242.750

FFL:240.500

GARDEN

LINEDRAIN

2m brick wall

retaining wall with guarding above

HYDROBRAKE FLOW CONTROL CHAMBER DISCHARGING 3.1L/S

S3-7
CL:239.450
IL:237.750
Hydrobrake
3.1 L/S Discharge

GEOCELLULAR ATTENUATION UNIT #1 LOCATED IN LOCAL DEPRESSION WITHIN LANDSCAPED AREA
[9m x 2.5 x0.8m dp=18m³ Storage Vol = 17.1m³]

GEOCELLULAR ATTENUATION UNIT #2 LOCATED IN LOCAL DEPRESSION WITHIN LANDSCAPED AREA
[9m x 2 x0.8m dp=14.4m³ Storage Vol = 13.7m³]

HYDROBRAKE FLOW CONTROL CHAMBER DISCHARGING 1.75L/S

S3-3
CL:240.350
IL:238.00
HYDROBRAKE
1.75 L/S

GEOCELLULAR ATTENUATION UNIT #3 LOCATED IN LOCAL DEPRESSION WITHIN LANDSCAPED AREA
[15m x 2 x 0.4m dp=12m³ Storage Vol = 11.4m³]

HEOL BRYN-Y-GWYDDYL

HEOL PARC-Y-LAN

LANSBURY ROAD

EF1009
CL:242.88
IL:240.58

EF1008

EF1007
CL:239.570
236.970

EF1020
CL:243.14
IL:241.24

ES1020
CL:243.14
IL:241.24

EFCMH9

EFCMH9A
(BURRIED)

EFCMH10

EFCMH11
CL:240.83
IL:240.25

EFCMH12
CL:240.29
IL:240.20

EFCMH12A

ES1021
BURIED

ES1022
CL:239.420
IL:237.720

EXISTING CHAMBER ES1021 TO BE UNCOVERED AND CONDITION REPORTED TO ENGINEER

NEW CONNECTION INTO EXISTING CHAMBER TO BE AGREED WITH DCWW

GEOCELLULAR ATTEN
LOCATED IN LOCAL DE
LANDSCAPED AREA
[4m x 3.5 x0.8m dp=11.2

HYDROBRAKE FLOW CONTROL CHAMBER DISCHARGING 1.1 L/S

S4-8
CL:241.000
IL:238.300
Hydrobrake
1.1L/s Discharge

CP4-7
CL:241.140
IL:239.840(150Ø)

S4-4
CL:241.140
IL:240.040(100Ø)
IL:239.990(150Ø)

S4-9a
CL:239.500
IL:238.328

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.
3. DO NOT SCALE FROM THE DRAWING. USE FIGURED DIMENSIONS ONLY.
4. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
5. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
6. EXISTING SERVICES HAVE NOT BEEN SHOWN BUT ARE PRESENT - THE CONTRACTOR IS TO LIAISE WITH ALL STATUTORY AUTHORITIES PRIOR TO THE COMMENCEMENT OF ANY WORKS.
7. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH VALE CONSULTANCY DRAWING No.s 10463/500, 501 & 503.

DRAINAGE LEGEND

- 150Ø @ 1:150 [1.000] — PROPOSED SURFACE WATER DRAINAGE WITH PIPE SIZE AND GRADIENT (SEE LAYOUT)
- 100Ø @ 1:40 [1.000] — PROPOSED FOUL WATER DRAINAGE WITH PIPE SIZE AND GRADIENT (SEE LAYOUT)
- EXISTING SURFACE WATER DRAINAGE
- EXISTING FOUL WATER DRAINAGE
- DENOTES PRIVATE FW DRAINAGE
- DENOTES PRIVATE SW DRAINAGE
- RWP — PROPOSED RAINWATER PIPE
- WB — PROPOSED WATER BUTT
- KO — ACO SLOT DRAIN WITH KERB OUTLET
- FRENCH DRAIN
- RWP RA — DENOTES RAINWATER PIPE WITH RODDING ACCESS
- GEO-CELLULAR TANK 1 IN 100 YEAR EVENT WITH ACCESS POINTS
- DECORATIVE GRAVEL AND RAIN GARDEN HYBRID SYSTEM
- SDO — SUMP DRAIN WITH OUTLET TO MANHOLE
- +00.000 — MINIMUM DRAINAGE BLANKET FORMATION LEVEL WITH ANTICIPATED GRADIENT
- PERMEABLE PAVING WITH DRAINAGE BLANKET
- SVP — PROPSOED SOIL & VENT PIPE
- FO — PROPOSED FLOOR OUTLET

Preliminary Issue

rev.	drawn	chkd.	approvd.	date	description
04	RGP	LR	JM	09.10.2020	Attenuation Units amended to suit revised architects drawings
03	RGP	LR	JM	29.09.2020	Attenuation Units revised
02	RGP	LR	JM	28.09.2020	Drainage Amended
01	RGP	LR	JM	10.09.2020	Preliminary Issue

Client
MV HOMES

Project
HOUSING DEVELOPMENT
LANSBURY ROAD

Title
PLOT DRAINAGE LAYOUT
SHEET 1 of 2

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date	drawn	checked	approved
10.09.20	RGP	LR 10.09.20	JM 10.09.20

scale @ A1	project no.
1:100	10463

status	drg. no.	rev.
P	10463/502	04

DRAWING STATUS
A - Approval, AB - As-Built, C - Construction, D - Draft, P - Preliminary, T - Tender

ORIGINAL DRAWING SIZE 841 x 594

10 0 10 20 50 100mm NATURAL SCALE

A1