N

BASIN 2
1.22m DEEP INCLUDING 300mm FREEBOARD

VORTEX FLOW CONTROL
DISCHARGE LIMIT TO 60 l/s.
UNIT REFERENCE:
MD-SHE-0319-6000-0920-6000

= 436.857

FOR CONTINUATION SEE DRAWING 19-326/002

CATCHMENT: 39
AREA = 1577.72 + 10% URBAN CREEP = 1630.8571

CATCHMENT: 46
AREA = 546.916 + 10% URBAN CREEP = 556.8574

CATCHMENT: 47
AREA = 403.982

CATCHMENT: 48
AREA = 281.944 + 10% URBAN CREEP = 291.0018

CATCHMENT: 1534.417 + 10% URBAN CREEP = 50 AREA = 1578.8918

CATCHMENT: 49
AREA = 281.944 + 10% URBAN CREEP = 241.7426

BASIN 3
1.5m DEEP INCLUDING 300mm FREEBOARD

CATCHMENT: 51
AREA = 508.230 + 10% URBAN CREEP = 515.3372

VORTEX FLOW CONTROL
DISCHARGE LIMIT TO 18 l/s.
UNIT REFERENCE:
MD-SHE-0187-1800-1200-1800

CATCHMENT: 53
AREA = 985.738 + 10% URBAN CREEP = 1000.1723

CATCHMENT: 52
AREA = 804.484 + 10% URBAN CREEP = 827.0103

PUMPING STATION STORAGE IS ESTIMATED BY WILLOW PUMPS AT 35.8m³. THIS IS TO BE CONFIRMED AT DETAILED DESIGN AND IS SUBJECT TO TECHNICAL APPROVAL.

CELLULAR STORAGE TANK
1.5m EFFECTIVE DEPTH

BASIN 4
1.82m DEEP INCLUDING 300mm FREEBOARD

CATCHMENT: 54
AREA = 117.180

CATCHMENT: 55
AREA = 704.108 + 10% URBAN CREEP = 774.519

VORTEX FLOW CONTROL
DISCHARGE LIMIT TO 19.8 l/s.
UNIT REFERENCE:
MD-SHE-0190-1980-1520-1980

CATCHMENT: 56
AREA = 675.223 + 10% URBAN CREEP = 695.2243

CONNECT TO EXISTING CULVERTED DITCH ESTIMATED IL 2.409

CATCHMENT: 57
AREA = 717.211 + 10% URBAN CREEP = 737.4714

VORTEX FLOW CONTROL
DISCHARGE LIMIT TO 1.9 l/s.
UNIT REFERENCE:
MD-SHE-0058-1900-1692-1900

CATCHMENT: 60
AREA = 1118.271 + 10% URBAN CREEP = 1161.647

CATCHMENT: 58
AREA = 731.465 + 10% URBAN CREEP = 740.5228

CATCHMENT: 59
AREA = 578.201 + 10% URBAN CREEP = 584.2962

CATCHMENT: 61
AREA = 336.060

CATCHMENT: 64
AREA = 1219.536 + 10% URBAN CREEP = 1252.7811

BASIN 5
2.00m DEEP INCLUDING 300mm FREEBOARD

CATCHMENT: 62
AREA = 749.887 + 10% URBAN CREEP = 769.0163

CATCHMENT: 67
AREA = 1496.587 + 10% URBAN CREEP = 1646.2457

CATCHMENT: 63
AREA = 170.562

CATCHMENT: 65
AREA = 694.151 + 10% URBAN CREEP = 714.2567

CATCHMENT: 69
AREA = 778.742 + 10% URBAN CREEP = 856.616

CATCHMENT: 66
AREA = 396.364

CATCHMENT: 68
AREA = 383.175

BLENHEIM ROAD
THE MILLERS
MILL VIEW ROAD
GLADSTONE ROAD
GRAHAM ROAD
Path (um)
El Sub Sta
Pump Station
Murrayfield
Morningside
Veronica
Bluebell
Saltram
Corala
Fairmile
Shamrock
Evergreen
Devona
Nones
Pandora
Oakland
Tarring
Chimneys
Orchard Lea
Walene
Jeswin
Summerfields
Tirol
The Nutshell
The Well House
5.5m

NOTES

KEY

SITE BOUNDARY

| Rev. | Amendments | Drn | Chk | App | Date |
|---|---|---|---|---|---|
| C | UPDATED TO SUIT NEW LAYOUT | LS | NA | GG | 03.12.21 |
| B | UPDATED TO SUIT CLIENT COMMENTS | HM | NA | GG | 20.10.21 |
| A | UPDATED TO SUIT NEW LAYOUT | HM | NA | GG | 31.08.21 |


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Job Title
BILSHAM ROAD, YAPTON

Drawing Title
CATCHMENTS SHEET 1 OF 2

Client
BILSHAM ROAD DEVELOPMENT LLP

| Scale | Date | Designed |
|---|---|---|
| 1:500 @A0 | MAR 21 | NA |
| Drawn | Checked | Approved |
| HM | NA | GG |
| Job No | Drawing No | Rev. |
| 19-326 | 19-326/015 | C |


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ANALYSIS/CAT CATCHMENTS_V1(01).PDF