EXISTING PUBLIC FOOTPATH

HMA025
CL 41.730
IL 40.380

SW542 works to be undertaken under Arboriculturist supervision

SW542
CL:41.100
IN IL:40.485
OUT IL:40.175

SW541
CL:41.700
IL:40.585

VC pipe Class S bedding
150Ø 29.9m @1:100

Potential future connection for land drainage from private field
3m shrub

Proposed Phase 2 Drainage

CL 41.380

Type 3 Concrete Bagwork Headwall (HCC11/D/095) into existing ditch IL38.350

Existing ditch

Type 5 Concrete Bagwork Headwall (HCC11/D/105) into existing ditch IL38.796

Ex bed level 38.200

Top of bank 39.300

150Ø 9.45m @1:12
VC pipe Class S

Care to be taken in tree protection area. Supervision by Arboriculturist

150Ø 9.51m @1:32
VC pipe Class S

VC pipe Class S
150Ø 8.81m @1:60

HMA029
CL 40.200
IL 39.000

SDS Aqua-Swirl AS-2 Hydrodynamic Vortex Separator by SDS or similar approved
CL 40.800
IL 39.300
HMA028 with hydrobrake restricting flow to 2 l/s
CL 41.100
IL 39.430
Base 38.930

HMA026 CP Catchpit
CL 41.200
IL 40.082
Base 39.582

Class S bedding

HMA 027E
HMA 027D
HMA 027C

HMA027A
225Ø pipes between manholes.
HMA 027B
IL 39.540

5no. 2.4mØ Storage Manholes
CL 41.600
IL 39.540
Total storage provided below level of 41.080m = 34.83m³

Drainage Setting Out

| MH | Eastings | Northings |
|---|---|---|
| HMA 026 | 437604.984 | 122895.633 |
| HMA 027A | 437604.402 | 122887.907 |
| HMA 027B | 437604.402 | 122884.341 |
| HMA 027C | 437601.252 | 122880.774 |
| HMA 027D | 437601.252 | 122884.341 |
| HMA 027E | 437601.252 | 122887.907 |
| HMA 028 | 437594.096 | 122875.620 |
| HMA 029 | 437582.139 | 122874.486 |

N

| REV | DATE | INT | DESCRIPTION | CHK |
|---|---|---|---|---|

*Issue Status* PRELIMINARY


**The Civil Engineering Practice**
11 Tungsten Building
George Street
Fishersgate
Sussex
BN41 1RA

01273 424424
reception@civil.co.uk
www.civil.co.uk


CLIENT: Barrat David Wilson Southampton

PROJECT: Ganger Farm
Romsey

TITLE: Phase 2 Access
Red Line Boundary
Proposed Drainage

| DRAWN | DATE | PROJECT NO. |
|---|---|---|
| P Reynolds | Feb 2022 | 22214 |
| ENGINEER | CHECKED | DRG. No. / REV. |
| S Burgess | SB | 2893 |
| SCALE | | |
| 1:250 @ A1 / 1:500 @ A3 | | |