

KEY

6000 HP GAS MAIN
& EASEMENT

10500 RC PUBLIC SEWER
& EASEMENT

132 KV PYLON TOWER
& BLOW OUT ZONE

33 KV SAFETY ZONE

PHASE 1 (PLOT 2)
PROPOSED BUILDING

FUTURE PHASES
INDICATIVE BUILDINGS

PHASE 1 (PLOT 2)
PROPOSED
ATTENUATION TANKS

FUTURE PHASES
INDICATIVE
ATTENUATION TANKS

FUTURE PHASES
INDICATIVE (WET)
ATTENUATION POND

FUTURE PHASES
INDICATIVE (DRY)
ATTENUATION SWALE

PHASE 1 ADOPTABLE
FOUL SEWER/MANHOLE

PHASE 1 PRIVATE SURFACE
WATER SEWER/MANHOLE

FUTURE ADOPTABLE
FOUL SEWER/MANHOLE

FUTURE ADOPTABLE SURFACE
WATER SEWER/MANHOLE

EXISTING PUBLIC FOOTWAYS
(EXTENT TBC)

EXISTING OPEN DITCH

SITE BOUNDARY

SIGNIFICANT RESIDUAL RISKS

1

CONNECTION TO DEEP TRUNK MAIN
- CONSULT WITH SOUTHERN WATER
- CONSTRUCTION BY SOUTHERN
WATER OR APPROVED CONTRACTOR

2

6000 HP GAS MAIN
- CONSULT WITH SGN
- CROSSINGS MIN 600MM CLEARANCE
- HAND DIG ONLY WITHIN EASEMENT
- SEE ALSO DRAWING 50140

3

33KV (3) 132KV (4) OVERHEAD LINES
- CONSULT WITH SSE
- PHYSICAL BARRIERS/BUNTING ETC
ALONG EDGE OF SAFETY ZONES
- MINIMISE CROSSING POINTS &
PROVIDE GOAL POSTS ETC
- DIVERT 33KV ASAP (PRIOR TO
FUTURE PHASES)
- SEE ALSO DRAWING 50140

4

PUBLIC FOOTPATHS
- CONSULT WITH LOCAL AUTHORITY
- DETERMINE EXTENTS BY SURVEY
- FINALISE POND DESIGN ASAP
- PLAN CLOSURES/DIVERSIONS ETC
- SEE ALSO DRAWING 50140

5

PROVISION FOR TURNING
- UNDERTAKE DETAILED ANALYSIS
TO DEFINE SAFE TURNING AREA
AND IMPLEMENT ON SITE
- SEE ALSO DRAWING 50140

6

DEEP DRAINAGE EXCAVATIONS
- CONTRACTOR: ALLOW FOR
MITIGATION OF GROUND WATER
ENTERING EXCAVATIONS
- MAINTENANCE: ENTRY ONLY BY
EXPERIENCED OPERATIVES VIA
HARNES/PULLEY SYSTEM WITH
TOP-MAN ETC & ALL OTHER
NECESSARY SAFETY EQUIPMENT

7

OUTFALL TO HERMITAGE STREAM
- UNDERTAKE RISK ASSESSMENT &
METHOD STATEMENT IN RELATION TO
CONSTRUCTION WORKS

8

PHASE 1 ADOPTABLE
FOUL SEWER/MANHOLE

PHASE 1 PRIVATE SURFACE
WATER SEWER/MANHOLE

FUTURE ADOPTABLE
FOUL SEWER/MANHOLE

FUTURE ADOPTABLE SURFACE
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- UNDERTAKE RISK ASSESSMENT &
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8

PLOT 2
23.00

PLOT 3
24.00
21.00

Manhole Details:

- MH No PW8801, SIZE EXTG, C.L. 17.00, I.L. 14.40 tbc, EXTG COVER
- MH No S5HB, SIZE 12000, C.L. 16.50, I.L. 15.60, D400-ST - 600x600
- MH No S6, SIZE 12000, C.L. 16.30, I.L. 15.40, D400-ST - 600x600
- MH No S1, SIZE 13500, C.L. 22.250, I.L. 18.910, D400-ST - 600x600
- MH No S2, SIZE 18000, C.L. 20.10, I.L. 17.695, D400-ST - 600x600
- MH No S4, SIZE 18000, C.L. 18.55, I.L. 17.17 (7500), D400-ST - 600x600
- MH No S3, SIZE 18000, C.L. 19.05, I.L. 17.35, D400-ST - 600x600
- MH No F2, SIZE 12000, C.L. 20.15, I.L. 17.00, D400-ST - 600x600
- MH No F3, SIZE 12000, C.L. 18.50, I.L. 16.50, D400-ST - 600x600
- MH No F4, SIZE 12000, C.L. 17.50, I.L. 15.97, D400-ST - 600x600
- MH No F5, SIZE 12000, C.L. 16.50, I.L. 15.15, A15-IN - 450x450

Other Labels:

- E 469976091 N 108935574
- E 469981535 N 108934262
- E 470045048 N 108892730
- E 469989378 N 108839605
- E 470026123 N 108830498
- E 469995855 N 108798734
- E 469937606 N 108751490
- E 469932495 N 108749274
- E 469910247 N 108728377

Proposed saddle connection to soffit

Orion, Wayne 08/01/2016 13:50:15

Status Code (as defined in BS1192)
Work In Progress (WIP)
S0 - Initial Status or WIP
Shared
S1 - Issued for co-ordination
S2 - Issued for information
S3 - Issued for internal review
S4 - Issued for construction approval
Documentation (Pre-construction)
D1 - Issued for costing
D2 - Issued for tender

D3 - Issued for contractor design
D4 - Issued for manufacture/procurement
Documentation (Contractual)
A - Issued for construction
B - Issued for construction but with comments
C - Comprehensive revision required
Archive
AB - Record Drawing

P3	WGO	08/01/16	For Approval
P2	WGO	10/12/15	For Approval
P1	WGO	21/10/15	Preliminary Issue
rev	by	chkd	date

bam

BAM Design
An operating company of
BAM Construct UK Ltd
Architecture
Interior Design
3D Visualisation
Feasibility Studies
Structural Engineering
Environmental Services
Building Information Modelling

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project Dunsbury Hill Farm

title BELOW GROUND DRAINAGE
GENERAL ARRANGEMENT
SHEET 1

scale 1:500 @ A1

date October 2015

project code 01727 665200

design@bam.co.uk

drawn WGO

checked SB

number 4330

role number

rev

BAM job no.

4330

doc no.

4330-DHF-BMD-00-00-50101-P3

drg. status

S4