Treatment plant to discharge via reed bed into attenuation pond via SW drainage

Proposed Attenuation & reed bed Pond 1,450m³ volume

Bed Level 160.00

1:3

1:3

Bypass petrol interceptor sized to take 11,380m³

Attenuation Pond to discharge to ditch. To be fitted with a flow control device limiting flows to:

1 year	4.1 l/s
30 year	9.8 l/s
100 year + cc	12.8 l/s

150mm outfall pipe to ditch

Control Chamber see dwg 18-32-034

FFL 166.25

Treatment Plant 165.395

Pond

1:60

162.530

162.325

161.500

Diam ???? Grad 1 in ???? ???? 50.104m

Diam ???? Grad 1 in ???? ???? 48.169m

Diam ???? Grad 1 in ???? ???? 26.958m

Diam ???? Grad 1 in ???? ???? 42.736m

Diam ???? Grad 1 in ???? ???? 34.869m

Diam ???? Grad 1 in ???? ???? 35.000m

Diam ???? Grad 1 in ???? ???? 6.861m

Diam ???? Grad 1 in ???? ???? 14.649m

Diam ???? Grad 1 in ???? ???? 1.298m

Diam ???? Grad 1 in ???? ???? 2.319m

S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15

ps17 166.222

ps18 164.078

ps25 161.649

pf11 165.654

pf12 pf13 pf14

FB

Key:

- Existing Public Foul Sewer
- Existing Public Surface Water Sewer
- Proposed Surface Water Sewer
- Proposed Highway Drainage
- Proposed Foul Sewer
- Proposed Surface Water Lateral Drain
- Proposed Foul Lateral Drain
- Finished Floor Levels — FFL 157.600
- Approximate location and height of retaining wall. — RW 0.6m
- Additional brickwork
- Proposed Road Gully
- Proposed Linear Drain
- Overland flood flow route
- Site Boundary

REV	DESCRIPTION	DATE	INITIAL

Conway Developments
110 Melbourne Road
Ibstock
Leicestershire
LE67 6NN
07967718075
conwaydevelopments@btinternet.com

PROJECT: ELLISTOWN LANE STANTON UNDER BARDON

CLIENT: M T BAINES & Sons

TITLE: Balancing Pond Plan

DRAWN:	CHECKED:	DATE:
MWC		MAR 23

SCALE: 1:200 @A1

DWG No:	REV:
E19-32-019	-