Area to be re-contoured and to be finished with topsoil and seeded. Refer to Landscaping Drawing

Toe Drain to Embankment

100mm. perforated uPVC land drain in trench not exceeding 0.7m. depth backfilled to surface with single size 20mm. gravel. Counterfort drains as shown but not exceeding 0.45 m. depth.

Banks to be topsoiled and seeded

Vehicle circulation route

Hardcore / stone vehicle surface

GL 239.42

Hardcore/stone vehicle surface
Any soft spots to be excavated below formation and filled with capping material.
Formation to be compacted with smooth non-vibrating roller.
Capping layer : 150mm. depth 75mm. max aggregate crusher run limestone or granite.
Other material may be used subject to prior approval
Stone Layer: 150mm. Type 1 sub-base blinded with 25mm. layer of 10mm. single sized gravel or similar approved.

Area to be re-contoured and to be finished with topsoil and seeded. Refer to Landscaping Drawing

Existing Timbalok retaining wall to be extended

New section of timber crib retaining wall from 3.5m height reducing to GL

Canopy

Loading Bay

Proposed Blow Moulding Building

F.L. 239.70

Pellet Silos

Silo Base: 300mm. thick conc. (spec. as veh. surface) with B 503 mesh in top and bottom with 50mm. cover Nom. fall to surface 1 in 80

S4 inv. 238.42

S5 inv. 238.9

1 in 77

1 in 100

1 in 90

11500

13500

6525

27006

13000

5000

1525

Vehicle circulation route

A to B via above ground connection

Area to be contoured and to be finished with topsoil and grass seeded

Take down existing Timbalok earthbank retaining wall and re-use materials on new section

Area to be left unfinished at a height of 239.42 for future development

Existing Workshop

Ramp up

238.57

1.2m high concrete retaining wall

1.2m high concrete retaining wall

1.0m high concrete retaining wall

238.50

G

p.c. dished channel Nom. 1 in 80

S3 238.07

25000

4 m. wide conc. ramp to veh. surface spec gradient approx 1 in 15.

Dished Channel

Concrete vehicle surface

F2

Trapped inlet See detail

GL. 238.5

1 in 100

1 in 100

Dished Channel

Car Parking for 40

1 in 90

150x125 pc dropped kerb on 150mm. bed and backing with 20mm. upstand to concrete

1 in 70 approx

Ramp down 1 in 15

F1

239.05

238.80

SW Catchpit

150 mm. dia. @ 1 in 90

Existing kerb line

Future Transformer

1 in 55 approx

G.L. 238.00

Double Gully

G

G L 238.25

G

239.60

Existing Transformer

Existing Substation

237.75

238.72

S1

238.55

Area bounded contains utility supply services and other incoming pipework.
BEFORE WORK STARTS these must be located by hand and protected as directed. Any conflict with proposed levels must be reported to the C.A. or Engineer.

I.L. 236.9

Existing manholes for foul and storm water connections

Existing Dairy

No.

Rev. Nov. 14
Amended layout to accomodate outfall to existing drains and conflicting inverts.
Rev Feb 15
Finished conc. levels
Amended position of silo base and conc. ramp.
Addition of dropped kerb

Tomlinsons Dairies Ltd.
Five Crosses Industrial Estate
Minera Wrexham

Blow Mould Building
Drainage Layout
Access and Parking

Drg No. BD/BMB/01

Scale 1/200 July 2014

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