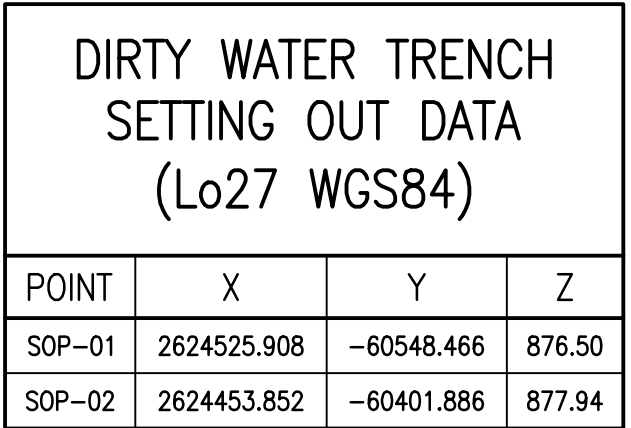




PHASE 4 ← PHASE 3

VARIABLES

6000

500

3000

3000

PHASE 3 → PHASE 2

CLEANWATER CHANNEL

1.5

1

10.5

1

1.5

1

1

2

1

2

300

600

500 MIN.

VARIES

REF. 395 MESH

150mm GRAVEL BASE G6 CLASS MATERIAL COMPACTED TO 95% MODIFIED AASHTO DENSITY

250mm HDPE DIRTY WATER DELIVERY PIPELINE

DIVIDER WALL/ACCESS ROAD

150mm GRAVEL BASE G6 CLASS MATERIAL COMPACTED TO 95% MODIFIED AASHTO DENSITY

250mm HDPE DIRTY WATER DELIVERY PIPELINE

300mm CAREFULLY PLACED AND COMPACTED BASE LAYER 93% BEFORE BULK WALL FILL

LINER SYSTEM:

- A6 GEOTEXTURE
- 2mm HDPE
- X1000 GCL LAYER

LINER SYSTEM:

- A6 GEOTEXTURE
- 2mm SINGLE TEXTURED HDPE LINER
- X1000 GCL LAYER

NGL

Diagram illustrating the cross-section of a trench for a 1500mm wide pipe. The trench has a bottom width of 1500mm and a depth of 1000mm. The side slopes are 1:3. The trench is lined with a 300mm thick concrete (class 25/19) and a liner system. The liner system consists of A6 geofabric, 2mm single textured HDPE liner, and a 1500GCS layer. The trench is shown on a 500mm wide base.

1000 0 2000 4000
MILLIMETRES 1:50

50 0 50 100 150
METRES 1:2000

DISCLAIMER

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FOR CONSTRUCTION