Typical Stabilized Backfill Wall
Ortana Retaining Wall System

Condition, and inspect construction.
Gravel pad (not shown) must be extended in severity unless further comment is made.

150mm (6") minimum compacted
granular-base leveling pad

Bottom of drainpipe
Locate (Elevation based on discharge)

100mm (4") dia. Minimum drainpipe

Stabilized Backfill
At top, back and bottom of
geosynthetic reinforcement

(clean granular or native backfill)

On-site specific design conditions
Stabilized backfill - depth based

Every three courses maximum
Geosynthetic reinforcement

Low-permeability soil

Ortana block

Coping block

Block face
Of front edge of
To within 25mm (1")
Geosynthetic
extends

Grade

Finished

[240"
600 mm

[60"
150 mm

Lintel Products