



NOTES:

1. Through-wall drain pipes are to be one continuous length.
2. Compression of subgrade at toe to be verified by NCPE to determine that subgrade soil pressure is adequate for loading conditions. If compression at toe exceeds the safe bearing capacity of the soil, footing subgrade improvement will be necessary. Consult with Engineer for guidance.
3. Wall may be used for pipe head/endwall.
4. Solid clay brick or solid concrete masonry may be used in lieu of granite.
5. Concrete footing to be minimum 3000 psi concrete.
6. Design Assumptions:
 - A. Base = 0.46 H
 - B. Weight of soil behind wall = 110 pcf
 - C. Angle of Repose = 1 1/2:1
 - D. Wall to be battered a minimum of 1/2:12.
 - E. Granular backfill to be #57 stone or sand.
 - F. No surcharge behind the wall was considered.



TOWN of CLAYTON
USE WITH THE TOWN of CLAYTON STANDARD SPECIFICATIONS ONLY

**TYPICAL GRANITE GRAVITY
RETAINING WALL**

SCALE: Not To Scale	DETAIL # 2408.03
REVISION DATE: July, 2010	SHEET #: 1 of 1