GARDEN WALL ON RETAINING WALL

General Notes:

1. Concrete in footings to achieve minimum 2500 psi compressive strength at 28 days.
2. Concrete block to be grade "A" units per A.S.T.M. C-90.
3. Grout shall be 1 part cement, 3 parts sand, 2 parts pea gravel.
4. Mortar shall be 1 part cement, 1/2 part lime putty, and 4 1/2 part sand.
5. 12" thick sand and/or gravel backfill behind wall from footing to within 12" of full height.
6. Grout bond beam cells and cells with vertical steel only for garden wall portion.
7. Grout all cells for retaining wall portion.

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Diagram:

- 6" or 8" block wall
- 4'-0" max.
- Bond beam horizontal reinforcement bars continuous in wall
  1-#4 bar for 6" wall
  2-#4 bar for 8" wall
- Vertical reinforcement
  #4 bars @ 48" o.c.
in center of block
- Level grade
- 2" clear
- Omit head joints for weep holes at 32" o.c. or 4" perforated pipe draining to daylight
- Backfill (see note 5.)
- 8" block (solid grout)
  #4 bars @ 24" o.c.
  2-#4 bars continuous in footing
- Level grade
- 3" clear (typ.)
- 6" or 3" clear (typ.)
- 3'-6"
- 2'-6"