Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 09/20/16

Foundation Design

Allowable soil bearing (ASB) = 4000 psf (cont. ftg.)
Allowable soil bearing = 4000 psf (isolated ftg.)

Soils report by: S. W. Cole Engineering, Inc.
286 Portland Road
Gray, Maine 04039
Project #14-1188S
Dated 16-Jan-15

Continuous footings

Exterior bearing wall line load (EBWL) = 678 plf

Exterior footing width = EBWL/ASB = 2.03 inches

Isolated footings

Footing size (Ft.x Ft.x 12 in.)	Allowable Loads (kips)	Reinforcement (each way)
2x2	16	(4) - #4
2.5x2.5	25	(4) -#4
3x3	36	(5)- #4
3.5x3.5	49	(6) - #4
4x4	64	(9) - #4
4.5x4.5	81	(11) - #4
5x5	100	(12) - #4
5.5x5.5	121	(15) - #4
6x6	144	(17) - #4
6.5x6.5	169	(18) - #4
7x7	196	(18) - #4
7.5x7.5	225	(22) - #4
8x8	256	(24) - #4