



PRECAST FOOTING/FROST POST:
 LOAD BEARING AT TOP =
 CONCRETE PSI * AREA * FACTOR OF SAFETY
 $4000\text{PSI} * (16*16) * 0.45 = 460,800\text{LBS}$

 LOAD BEARING AT SOIL =
 SOIL PRESSURE * AREA =
 $2000\text{PSF} * (2.5*2.5) = 12,500\text{LBS}$

 THEREFORE MAX LOAD BEARING IS LIMITED
 TO SOIL CONDITIONS OF 12,500LBS

| ITEM | WEIGHT |
|--------|--------|
| SONA16 | 1800# |
| | |

- GENERAL NOTES:
1. CONCRETE 4000 PSI IN 28 DAYS.
 2. CALCULATIONS BASED ON SOIL PRESSURE OF 2000 PSF.



New England's Premier Precaster
 800-696-7432 (SHEA)
 www.sheaconcrete.com

FOOTING/FROST POST
 SONATUBE 16" SQUARE

773 Salem Street—Wilmington, MA 153 Cranberry Hwy—Rochester, MA
 87 Haverhill Road—Amesbury, MA 160 Old Turnpike Rd—Nottingham, NH
 Mail to: PO Box 520—Wilmington, MA 01887

Page: M7.2

SONATUBE16SQ.dwg 3/2/2010

