



QUALITY PRECAST COMPANY

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ENGINEERING SPECIFICATIONS:

SAFE LOAD TABLE NOTES:

1. SAFE LOADS ARE TOTAL ALLOWABLE SUPERIMPOSED LOADS.
2. DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING MAX. RESISTING SHEAR AND MOMENT FOR THE LISTED SILLS.
3. SAFE LOADS ARE BASED ON 3/8" (MIN.) THICK FULL MOTAR (TYPE S) BED.

GENERAL NOTES:

1.) CODES

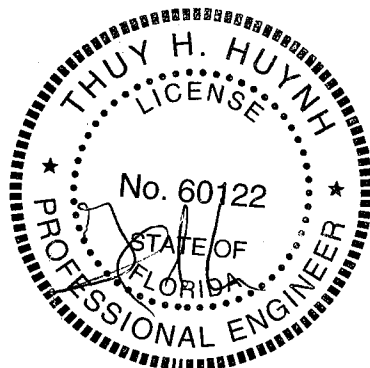
- 1.1 FLORIDA BUILDING CODE 2007 RESIDENTIAL (INCLUDING 2009 SUPPLEMENT), SECTIONS R402.2
- 1.2 FLORIDA BUILDING CODE 2007 BUILDING (INCLUDING 2009 SUPPLEMENT), SECTIONS 1901.2
- 1.3 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-05).
- 1.4 AMERICAN SOCIETY OF CIVIL ENGINEERS MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE 7-05).

2.) CONCRETE:

- 2.1 CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS = 4000 PSI
- 2.2 REINFORCING BARS:
 - 2.2.1 STEEL PLACED IN PRECAST SILL AT TIME OF FABRICATION ASTM A615 (GRADE 40)
- 2.3 DETAIL REINFORCEMENT IN ACCORDANCE WITH ACI 315.
- 2.4 CONCRETING OPERATIONS SHALL COMPLY WITH ACI STANDARDS

3) MASONRY:

- 3.1 DESIGN AND CONSTRUCTION SHALL CONFORM TO THE SPECIFICATION OF THE NATIONAL CONCRETE MASONRY ASSOCIATION AND ACI 530-05.
- 3.2 MORTAR SHALL BE TYPE S.



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6/19/09