



- ANCHOR BOLTS AND REINFORCEMENT - 16" A-307 ANCHOR BOLTS, BOLT DIAMETER, AND LOCATION PER METAL BUILDING SEALED ENGINEERING DESIGN DRAWINGS. TIE ANCHOR BOLTS TO BOTTOM REINFORCING STEEL. REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. DETAILING OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI DETAILING MANUAL, SP-66, AND ACI318. REINFORCING SHALL NOT BE HEATED OR WELDED. REINFORCING SHALL BE APPROVED BY ENGINEER OR HIS REPRESENTATIVE BEFORE CONCRETE IS PLACED. PROVIDE 4" COVER FOR EXPOSED FOOTING SURFACES. 2" COVER FOR FORMED EXPOSED SURFACES. 3/4" COVER FOR NOT EXPOSED SURFACES. LAP SPLICES SHALL BE 40 BAR DIAMETERS.

- CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE $f_c = 4000$ PSI. WHERE EXCESS WATER IS ADDED TO THE CONCRETE SO THAT ITS SERVICABILITY IS DEGRADED, THE ATTAINMENT OF REQUIRED STRENGTH SHALL NOT RELEASE THE CONTRACTOR FROM PROVIDING SUCH MODIFICATIONS AS MAY BE REQUIRED BY THE ENGINEER TO PROVIDE A SERVICEABLE MEMBER OR SURFACE. ALL CONCRETE SHALL BE VIBRATED. NO REPAIR OR RUBBING OF CONCRETE SURFACES SHALL BE MADE PRIOR TO INSPECTION BY AND APPROVAL OF THE ENGINEER, OWNER OR HIS REPRESENTATIVE.



NOTE:
ALL SMOKE DETECTORS SHALL HAVE BATTERY BACKUP POWER
AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY
ALL ACTIVATE.

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1606, FLORIDA BUILDING CODE, 2001 EDITION.	
BASIC WIND SPEED:	100 MPH
WIND IMPORTANCE FACTOR (1):	1 = 1.00
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MUFRS PER TABLE 1606.2A (FBC 2001) DESIGN WIND PRESSURES:	ROOF: - 23.1 PSF WALLS: + 26.6 PSF EAVES: - 32.3 PSF
COMPONENTS & CLADDING PER TABLES 1606.2B & 1606.2C (FBC 2001) DESIGN WIND PRESSURES:	OPNGS: + 21.8 / - 29.1 PSF EAVES: - 68.3 PSF ROOF: + 19.3 / - 25.5 PSF

$$\begin{array}{r} 2604 \\ 620 \\ \hline \end{array}$$

Wall C-779

REVISIONS
November 08, 2005

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

A CUSTOM RESIDENCE FOR:
HAROLD & CYNTHIA FRANKEL
PROJECT ADDRESS: LOT 1, SOUTHERN APPROACHES UNIT ONE, LAKE CITY, FLORIDA 32025

A CUSTOM RESIDENCE FOR:

PROJECT ADDRESS: LOT 1, SOUTHERN APPROACHES UNIT ONE, LAKE CITY, FLORIDA 32025

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AR0007005

N
NICHOLAS
PAUL
GEISLER
BRUCHT

■ 1758 NW Brown Rd.

JOINT VENTURED V

©WILLIAM MYER
DESIGN
P.O. BOX 1513
LAKE CITY, FL 32056
(386) 758-8406
will@willmovers.net

JOB NUMBER
050608

SHEET NUMBER

A.2
OF 2 SHEETS