

SYMBOLS

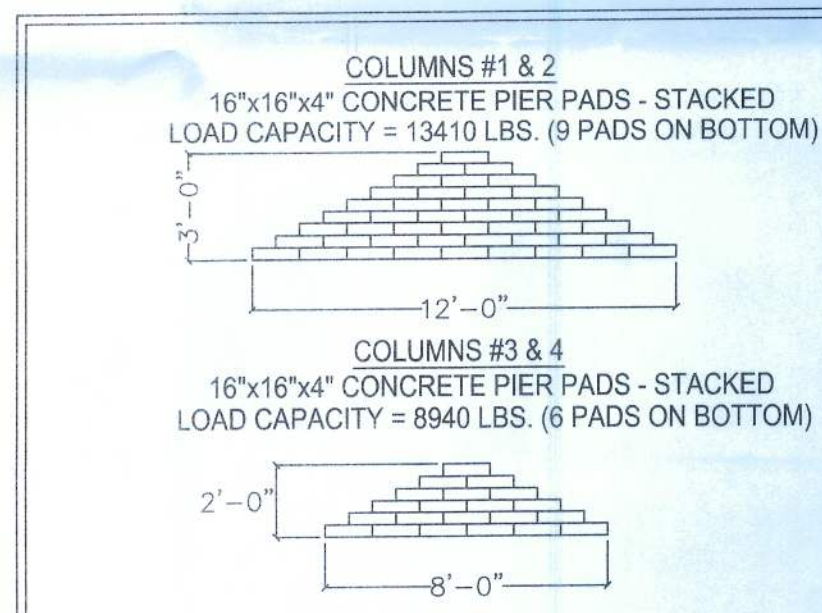
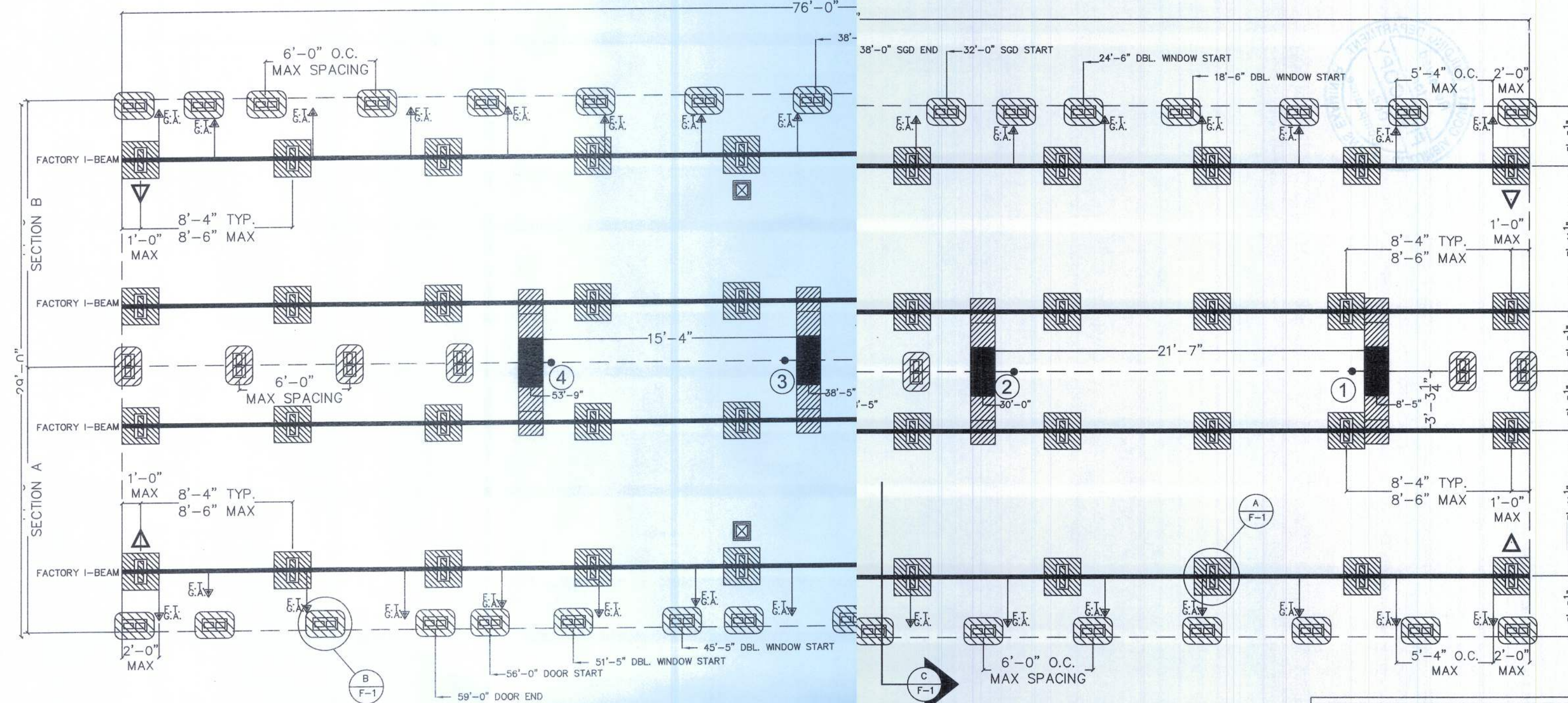
- ▽ F.T. - FRAME TIE-DOWN FASTENED TO G.A. GROUND ANCHOR.
- - COLUMN ANCHOR STRAP FASTENED TO GROUND ANCHOR
- △ - MINUTE MAN ANCHORS OR EQUIVALENT LONGITUDINAL & LATERAL BRACING SYSTEM
- ⊠ - MINUTE MAN ANCHORS OR EQUIV. LATERAL BRACING SYSTEM ONLY

COLUMN LOADS

- ① = 12050 LBS.
- ② = 12050 LBS.
- ③ = 8660 LBS.
- ④ = 8660 LBS.

FOUNDATION NOTES:

- BLOCKING SPACING BASED ON 20PSF LIVE LOAD ON ROOF AND 1000 PSF SOIL BEARING CAPACITY.
- CONCRETE BLOCKS ARE ONLY RATED AT 8000 POUNDS, 8000 POUND PIERS OR HIGHER MUST BE DOUBLE BLOCKED.
- STABILIZER SYSTEM PER MINUTE MAN ANCHORS, INC., OR EQUIVALENT AND ALL SIDEWALL ANCHORS ARE SPACED PER PLAN. FOUR FOOT GROUND ANCHOR MAY BE USED.
- WOOD SHIMS MAY BE INSTALLED WHEN NECESSARY BETWEEN THE I-BEAM AND THE TOP OF THE PIER. SHIMS SHALL BE FREE OF KNOTS, SPLITS, AND SIMILAR IMPERFECTIONS. SHIMS SHALL BE OF P.T. LUMBER, CEDAR, OR ABS AND BEAR ALL CONTACT POINTS SHALL NOT BE LESS THAN 2/3 OF THE BEARING PRIOR TO ADDING THE SHIMS.
- ALL TIE DOWN ANCHORS SHALL HAVE A MINIMUM 4,725 LB. CAPACITY AND SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
- THE STEEL FRAME OF HOME IS NOT FOR USE OF RELOCATION OF HOME AFTER SETUP, AND IS INTENDED FOR AS A PERMANENT FOUNDATION.
- ALL PIERS SHALL BE CONSTRUCTED OF 8" X 8" X 16" CONCRETE MASONRY UNITS CONFORMING TO ASTM C90.
- INSTALL BLOCK PIER ON EACH SIDE OF ALL EXTERIOR DOOR OPENINGS.
- I-BEAM SUPPORT PIERS MAY BE INSTALLED LATERALLY (90 DEGREES FROM THE ORIENTATION SHOWN ON THE FOUNDATION PLAN). MUST BE LOCATED DIRECTLY BELOW THE I-BEAM CENTERLINE.



LEGEND

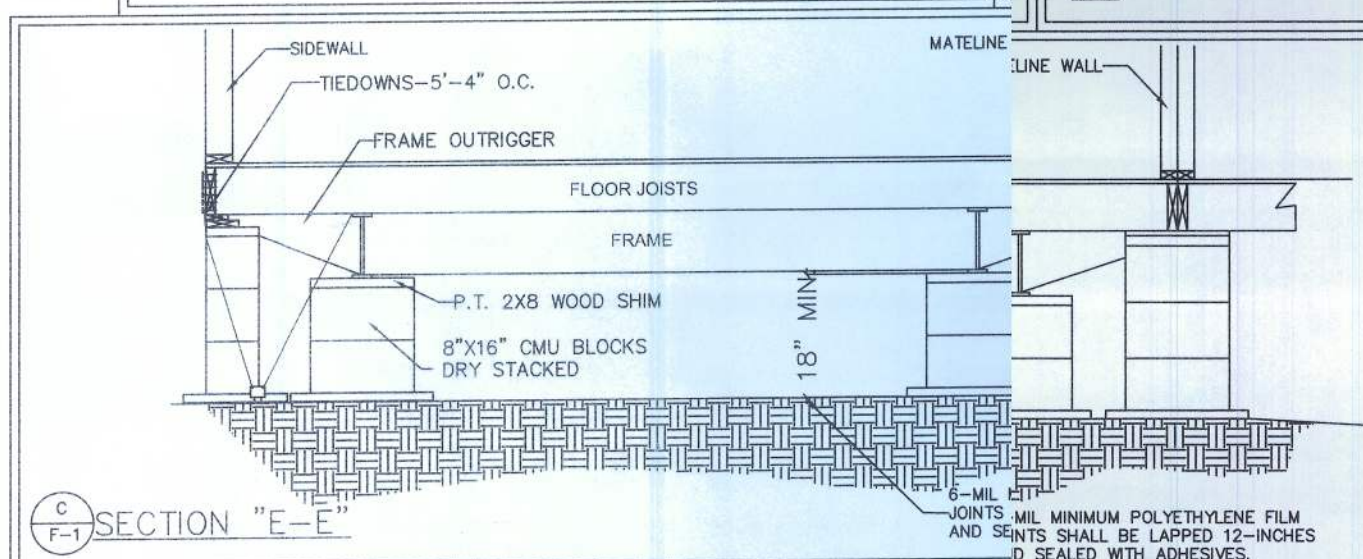
- 17.5"x25.5" ABS PAD = 3000 LBS. CAPACITY
- 24"x24" ABS PAD = 4000 LBS. CAPACITY
OR 21" X 29" OVAL PAD = 4000 LBS. CAPACITY
- 16"x16"x4" CONCRETE PIER PADS - STACKED
LOAD CAPACITY = # PADS ON BOTTOM X 1490 LBS.
LOAD CAPACITY = 13410 LBS. (9 PADS ON BOTTOM)
LOAD CAPACITY = 8940 LBS. (6 PADS ON BOTTOM)

STRUCTURAL LOAD LIMITATIONS:

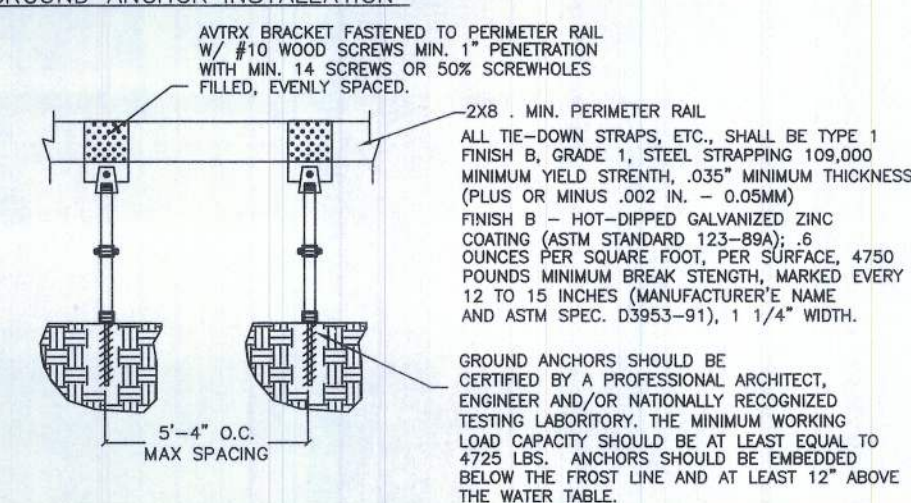
CODE EDITION: 2007 FLORIDA BUILDING CODE & ASCE 7-98

- BASIC WIND SPEED: 120 mph WIND SPEED
- DESIGN WIND SPEED: 120 mph WIND SPEED
- WIND EXPOSURE CATEGORY: "B"
- IMPORTANCE FACTOR: 1.0
- INTERNAL PRESSURES:

+25.9	-28.4	INTERIOR
+25.9	-31.6	END
- DESIGN ROOF LIVE LOAD: 20 PSF
- DESIGN FLOOR LIVE LOAD: 50 PSF
- MIN. ASSUMED SOIL BEARING CAPACITY: 1000 PSF
- OCCUPANCY CLASSIFICATION: R3
- CONSTRUCTION TYPE: VB
- THIS BUILDING IS NOT DESIGNED FOR PLACEMENT IN A HIGH VELOCITY HURRICANE ZONE AS DEFINED BY THE FIC.
- THIS BUILDING IS NOT DESIGNED TO BE SUBMERGED OR SUBJECT TO WAVE ACTION WHEN LOCATED IN A FLOOD PRONE OR ZONE AREA. THE BOTTOM OF THE STRUCTURAL I-BEAM MUST BE LOCATED ABOVE THE BUILDING SITE FLOOD PLANE LEVEL FOR THIS BUILDING TO BE LOCATED IN A FLOOD PRONE OR ZONE AREA OR THE GRADE AT THE BUILDING SITE MUST BE ABOVE THE FLOOD PLANE LEVEL.



GROUND ANCHOR INSTALLATION



SES

Senby Engineering Services
Senyb Engineering Services
4300 Dinner Lake Drive
Lake Wales, FL 33859
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THESE STANDARDS AND PLANS MEET
THE 2007 F.B.C. - RESIDENTIAL
2009 Amendments
MAX. WIND = 120 MPH Exposure "B"

LEONARD G. WOOD P.E. #47377
4034 THE-FENWAY
MULBERRY, FL 33860
PHONE: 863-646-5517

8/1/11
DATE
Leonard G. Wood
LEONARD G. WOOD
REGISTERED PROFESSIONAL
ENGINEER # 47377

SETUP CONSTRUCTION

DRAWING INFORMATION

NAME: _____
DATE: _____
SCALE: _____
NOT PRINTED TO SCALE

CUSTOMER: 29'-0" X 76'-0" (KEISER)
ADDRESS: 374 S.W. Abe Ct., Lake City, FL 32024
FOUNDATION PLAN AND DETAILS

PROVIDED BY
SENYB ENGINEERING SERVICES
Lake Wales, FL 33859

DESIGNED FOR 20
PSF ROOF LIVE LOAD
AND 1000 PSF SOIL
BEARING CAPACITY

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SHEET 1 OF 1