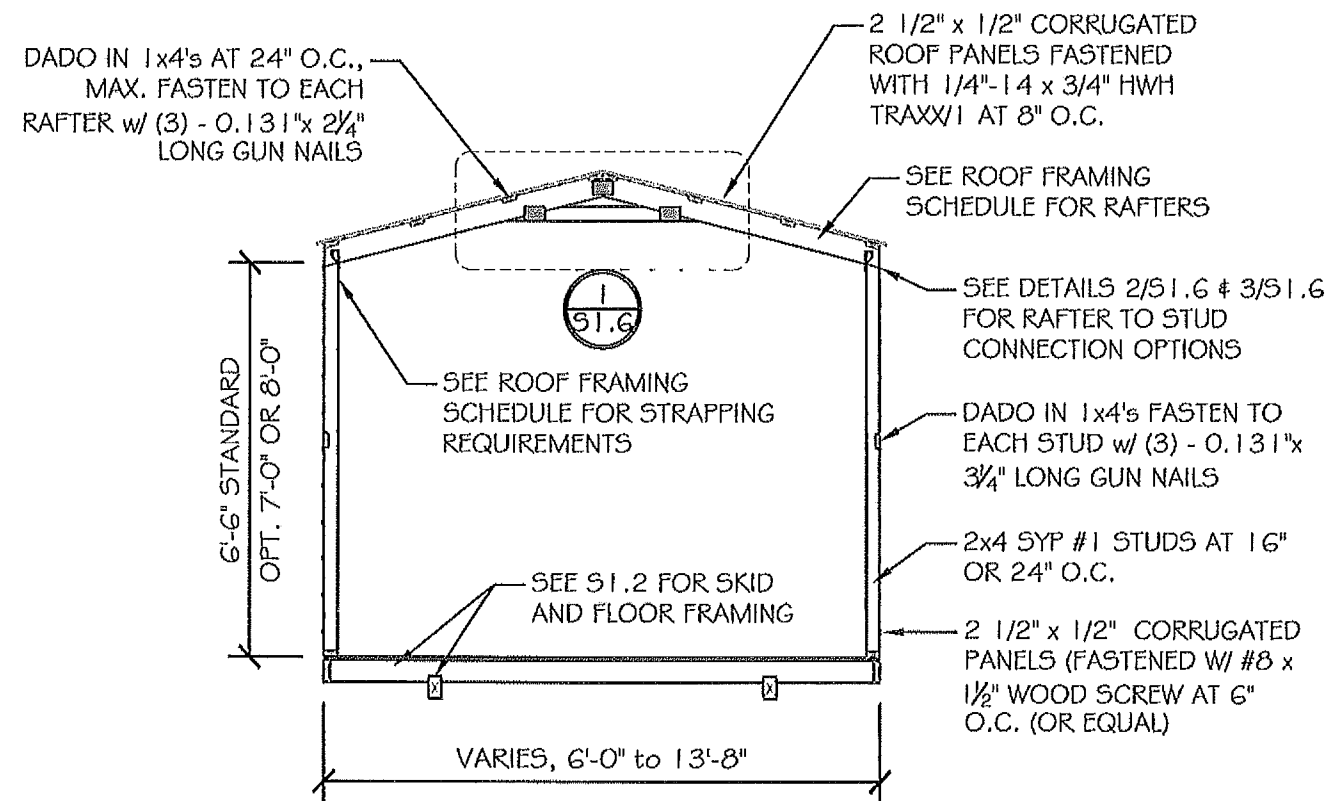
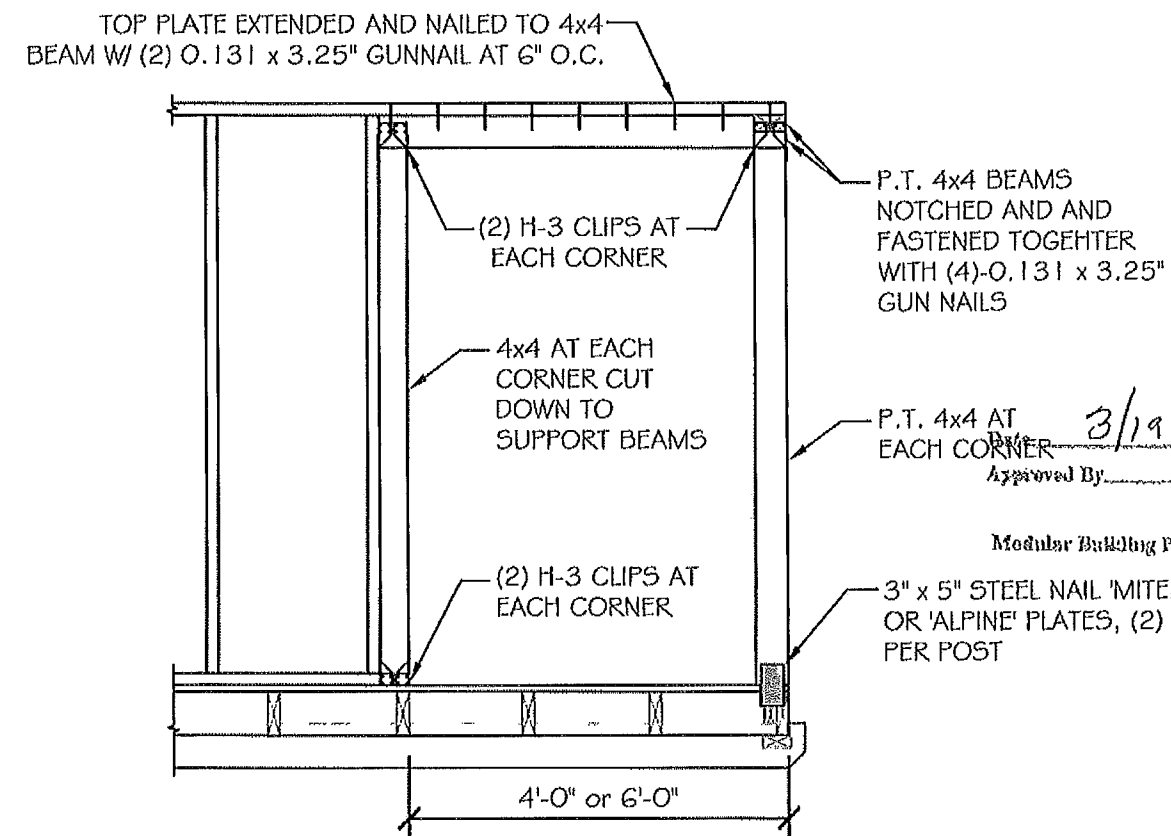
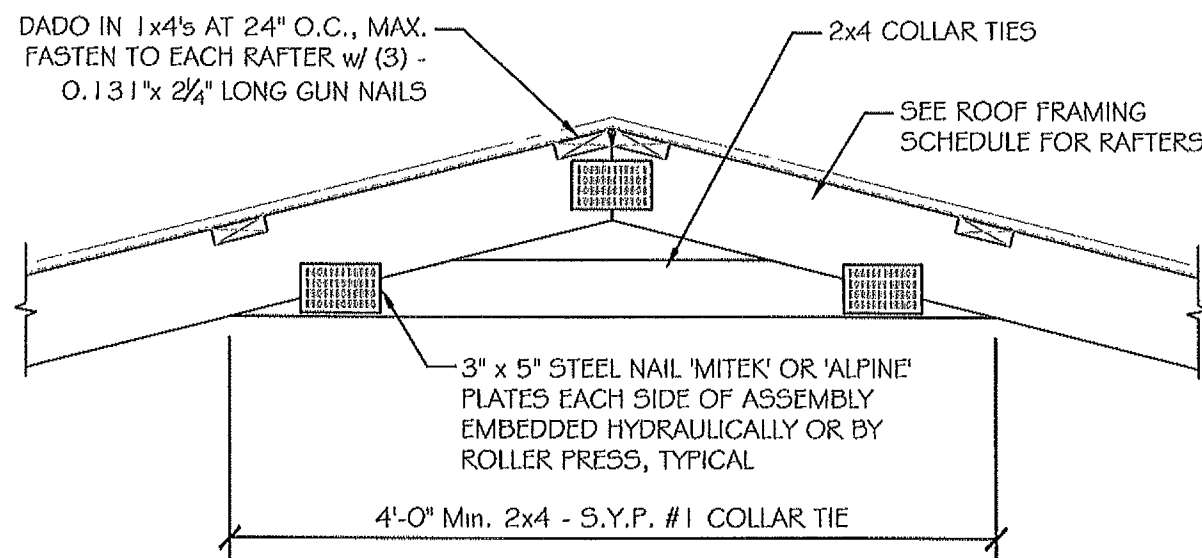




Typical Frame Section
SCALE: 1/4" = 1'-0"

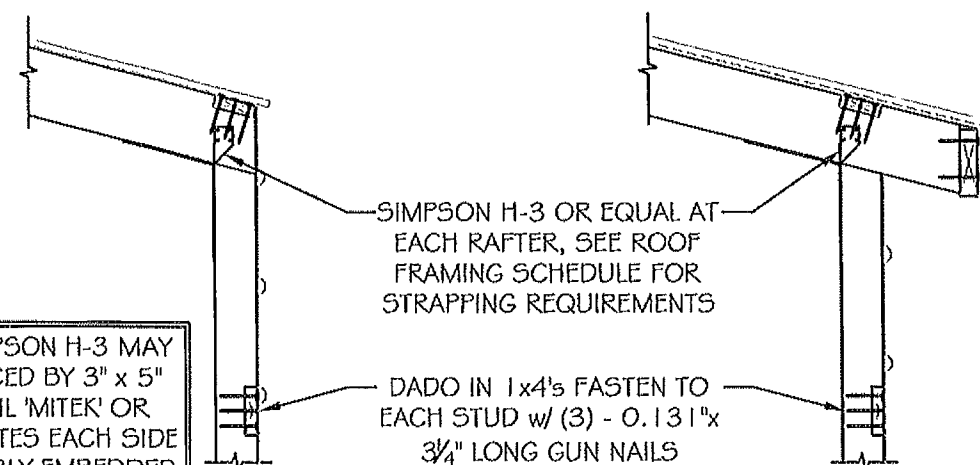


Typical Porch Option Frame
SCALE: 1/2" = 1'-0"

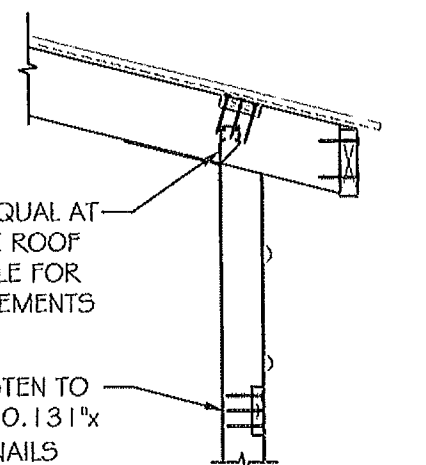


1 RIDGE / COLLAR TIE DETAIL
S1.6 SCALE: 1" = 1'-0"

NOTE: SIMPSON H-3 MAY BE REPLACED BY 3" x 5" STEEL NAIL 'MITEK' OR 'ALPINE' PLATES EACH SIDE OF ASSEMBLY EMBEDDED HYDRAULICALLY OR BY ROLLER PRESS



2 OVERHANG OPTION DETAIL
S1.6 SCALE: 3/4" = 1'-0"



3 OVERHANG OPTION DETAIL
S1.6 SCALE: 3/4" = 1'-0"

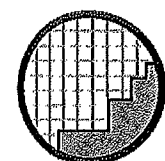
Approval Stamps:

By: 3/19/12
Approved By: Richard L. Bullock
Plan No. 12EN224 SWS
Modular Building Plans Exterior Florida Certificate 3241 011

NDI
"APPROVED"
DOCUMENT

03/19/12

Richard B. Haney



Haney Associates, Inc.
Engineering & Construction Planning
P.O. Box 348, Six Mile, S.C. 29682 - Phone: 864-646-7600

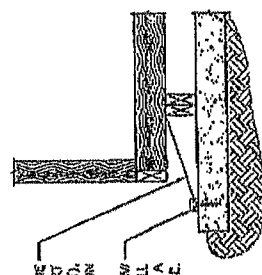
These Plans Were Designed in
Accordance with the 2010 Florida
Building Code for a Wind Speed of
160 m.p.h.

**Standard Wood Shed Master
Handi-House**
P.O. Box 830
Swainsboro, GA 30401

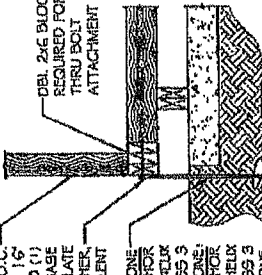
Designed By: Project No.
O.R.H. 12EN224
Checked By: Date:
C.L.A. 03/19/12

Sheet Number:
S1.6
7 of 8

NOTE: INSTALL ANCHORS PER MANUFACTURER'S REQUIREMENTS

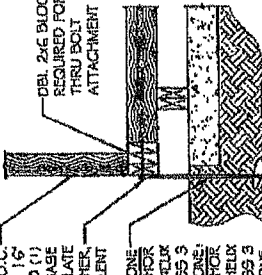


3/16" GALVANIZED CABLE TIE-DOWN ENGINEERING PART (MODEL #51556 OR EQUIVALENT) TIGHTEN TO 500 LBS OF TENSION

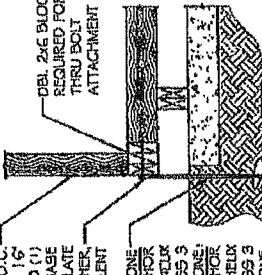


MINUTE MAN 110-18 OR EQUIV. IN 5/8" SIMPSON 110 OR 150 GROUND ANCHOR EMBEDDED 5" MIN. INTO MASONRY A MINIMUM OF 4" FROM EDGE.

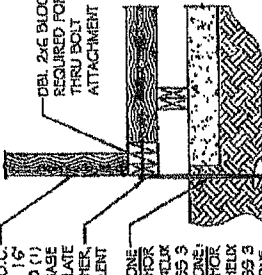
DETAILS FOR CONCRETE INSTALLATIONS



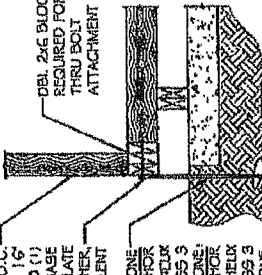
(2) SIMPSON 110[®] @ 14" O.C. (130MPH) OR 150[®] @ 16" O.C. (150-160MPH) AND (1) 1/2"x4" LAG BOLT THRU BASE PLATE



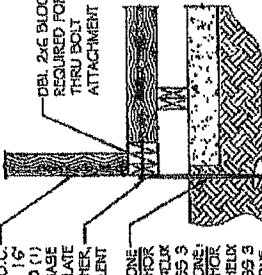
5/8" DIA. THRU BOLT WITH 2" WASHER, A449 GALVANIZED OR EQUIVALENT



110 MPH WIND ZONE WITH SINGLE 6" HELIX (MODEL #59060) FOR SOIL CLASS 3



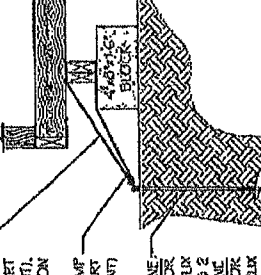
150 AND 160 MPH WIND ZONE, 5/8" DIA. X 48" GROUND ANCHOR WITH SINGLE 6" HELIX (MODEL #59065) FOR SOIL CLASS 3



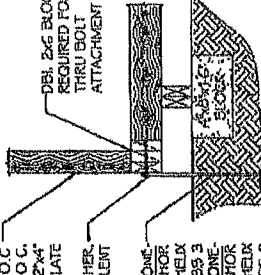
160 MPH WIND ZONE-SEE GENERAL NOTE #10 (SEE CHART FOR QUANTITIES)

DBL 2x6 BLOCKING REQUIRED FOR THRU BOLT ATTACHMENT

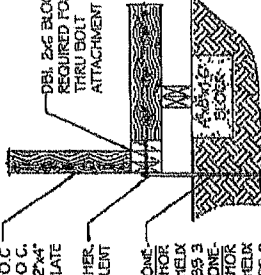
DETAILS FOR MASONRY BLOCK INSTALLATIONS



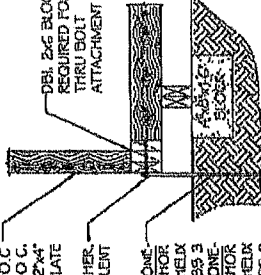
3/16" GALVANIZED CABLE TIE-DOWN ENGINEERING PART (MODEL #51556 OR EQUIVALENT) TIGHTEN TO 500 LBS OF TENSION



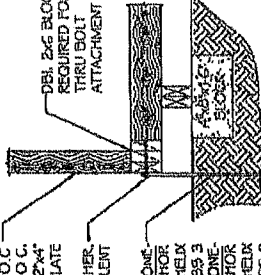
(2) SIMPSON 110[®] @ 14" O.C. (130MPH) OR 150[®] @ 16" O.C. (150-160MPH) AND (1) 1/2"x4" LAG BOLT THRU BASE PLATE



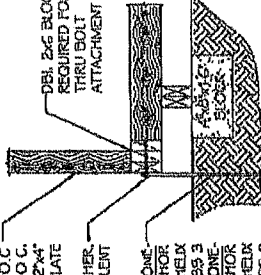
5/8" DIA. THRU BOLT WITH 2" WASHER, A449 GALVANIZED OR EQUIVALENT



110 MPH WIND ZONE WITH SINGLE 6" HELIX (MODEL #59060) FOR SOIL CLASS 3



150 AND 160 MPH WIND ZONE, 5/8" DIA. X 48" GROUND ANCHOR WITH SINGLE 6" HELIX (MODEL #59065) FOR SOIL CLASS 3



160 MPH WIND ZONE-SEE GENERAL NOTE #10 (SEE CHART FOR QUANTITIES)

DBL 2x6 BLOCKING REQUIRED FOR THRU BOLT ATTACHMENT

GENERAL NOTES

1. DESIGN FOR MIN 2,500 PSI CONCRETE

2. ALL HELIX ANCHORS MUST MEET THE MINIMUM WORKING LOAD OF 3,150 LBS, AND AN ULTIMATE LOAD OF 4,725 LBS.

3. HELICAL ANCHORS FOR 160MPH WIND ZONES MUST MEET A MINIMUM WORKING LOAD OF 3,484 LBS, AND AN ULTIMATE LOAD OF 5,226 LBS.

4. ANCHORS MUST BE INSTALLED TO MANUFACTURER'S RECOMMENDATIONS. ANY BENDING OR DAMAGE CAUSED UPON INSTALLATION WILL VOID ANCHOR AND MUST BE REJECTED.

5. CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR MEETING SOIL CLASSIFICATION FOR SOILS.

6. ONE ANCHOR SHALL BE PLACED AT EACH BUILDING CORNER WITHIN 12" OF CORNER.

7. ANY REQUIRED INTERMEDIATE ANCHORS SHALL BE PLACED EQUAL DISTANCES APART FROM EACH OTHER.

8. THE ANCHOR MUST BE IN THE SITE SOIL CLASS IN WHICH THE LOAD REQUIREMENTS WERE SET.

9. USE THE DOWN ENGINEERING (OR COMPARABLE) 1/2" X 36" GROUND ANCHOR WITH SINGLE 4" HELIX OR 5/8" DIA. X 40" AND 48" GROUND ANCHORS WITH SINGLE 6" HELIX.

10. FOR 160MPH WIND ZONES USE THE 5/8" DIA. X 48" GROUND ANCHOR WITH SINGLE 6" HELIX (MODEL #59065) FOR SOIL CLASS 3.

11. TESTED SOIL CAPACITY FOR THE DOWN 1/2" X 36" ANCHOR = 500 FT. LB.

12. TESTED SOIL CAPACITY FOR THE DOWN 5/8" X 40" ANCHOR = 375 FT. LB.

13. INSTALLATION OF THE ANCHORS MUST MEET ALL AT REQUIREMENTS AS SPECIFIED BY THE DOWN ENGINEERING, INC. TO INCLUDE REQUIREMENTS FOR SPACING AND SITE SPECIFIC SOIL CONDITIONS.

14. MAXIMUM STRUCTURE HEIGHT IS 12 FEET.

15. NUMBER OF ANCHORS USED IN ANCHOR SCHEDULE ARE THE MINIMUM REQUIRED NUMBER OF ANCHORS TO RUN DOWN EACH SIDE WALL. THE TOTAL NUMBER OF ANCHORS REQUIRED PER BUILDING WOULD BE 2X THE NUMBER LISTED IN THE SCHEDULE.

DESIGN PARAMETERS

1. WIND DESIGN PER ASCE 7-10

2. DESIGN WIND SPEED - 110 MPH - 130 MPH - 150 MPH - 160 MPH

3. WIND EXPOSURE CATEGORY - C

4. WIND IMPORTANCE FACTOR - 1.0

5. ENCLOSURE CLASSIFICATION - ENCLOSURE

6. DESIGN MEETS INTERNATIONAL BUILDING CODE 2003 & FLORIDA BUILDING CODE 2010

SOIL CLASS DESCRIPTIONS:

SOIL CLASS 2 - VERY DENSE AND OR COHESIVE SANDS, COARSE GRAVEL, COBBLES, PRELOADED SILTS, CLAYS AND COAL. A TEST PROBE TORQUE VALUE OF 550-999 ft-lb

SOIL CLASS 3 - MEDIUM DENSE COARSE SANDS SANDY GRAVELS VERY STIFF SILTS AND CLAYS. A TEST PROBE TORQUE VALUE OF 350-550 ft-lb

ANCHORING SCHEDULE

Building Width	Length	Spacing	Number of Blocks	110 MPH	130 MPH	150 MPH	160 MPH
8'-0"	10'-0"	7'-5"	4	2	2	2	2
8'-0"	12'-0"	7'-5"	4	2	2	2	2
8'-0"	14'-0"	7'-5"	4	2	2	2	2
8'-0"	16'-0"	7'-5"	4	2	2	2	2
8'-0"	18'-0"	7'-5"	4	2	2	2	2
8'-0"	20'-0"	7'-5"	4	2	2	2	2
8'-0"	22'-0"	7'-5"	4	2	2	2	2
8'-0"	24'-0"	7'-5"	4	2	2	2	2
8'-0"	26'-0"	7'-5"	4	2	2	2	2
8'-0"	28'-0"	7'-5"	4	2	2	2	2
8'-0"	30'-0"	7'-5"	4	2	2	2	2
8'-0"	32'-0"	7'-5"	4	2	2	2	2
8'-0"	34'-0"	7'-5"	4	2	2	2	2
8'-0"	36'-0"	7'-5"	4	2	2	2	2
8'-0"	38'-0"	7'-5"	4	2	2	2	2
8'-0"	40'-0"	7'-5"	4	2	2	2	2
8'-0"	42'-0"	7'-5"	4	2	2	2	2
8'-0"	44'-0"	7'-5"	4	2	2	2	2
8'-0"	46'-0"	7'-5"	4	2	2	2	2
8'-0"	48'-0"	7'-5"	4	2	2	2	2
8'-0"	50'-0"	7'-5"	4	2	2	2	2
8'-0"	52'-0"	7'-5"	4	2	2	2	2
8'-0"	54'-0"	7'-5"	4	2	2	2	2
8'-0"	56'-0"	7'-5"	4	2	2	2	2
8'-0"	58'-0"	7'-5"	4	2	2	2	2
8'-0"	60'-0"	7'-5"	4	2	2	2	2
8'-0"	62'-0"	7'-5"	4	2	2	2	2
8'-0"	64'-0"	7'-5"	4	2	2	2	2
8'-0"	66'-0"	7'-5"	4	2	2	2	2
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8'-0"	78'-0"	7'-5"	4	2	2	2	2
8'-0"	80'-0"	7'-5"	4	2	2	2	2
8'-0"	82'-0"	7'-5"	4	2	2	2	2
8'-0"	84'-0"	7'-5"	4	2	2	2	2
8'-0"	86'-0"	7'-5"	4	2	2	2	2
8'-0"	88'-0"	7'-5"	4	2	2	2	2
8'-0"	90'-0"	7'-5"	4	2	2	2	2
8'-0"	92'-0"	7'-5"	4	2	2	2	2
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8'-0"	96'-0"	7'-5"	4	2	2	2	2
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8'-0"	322'-0"	7'-5"	4	2	2	2	2
8'-0"	324'-						