SUWANNEE COUNTY SCHOOL BOARD
SPECIAL MEETING
February 10, 2015

AGENDA

Call to Order – Immediately following the workshop

The Superintendent recommends approval to adopt the agenda.

Director of Facilities – Mark Carver:

1. The Superintendent recommends approval of the Suwannee Middle School (SMS) Baseball Booster-Funded Portable Storage Building installation at the SMS baseball field. **(pgs. 2-12)**

Adjourn

Suwannee Middle School

1730 Walker Avenue, SW • Live Oak, Florida 32064
Telephone: (386) 647-4500 • Fax: (386) 208-1474

Keri Bean
Assistant Principal

Jay Jolicoeur
Principal

Kim Jennings
Assistant Principal

MEMORANDUM

TO: Jerry A. Scarborough, Superintendent of Schools

FROM: Jay Jolicoeur, Principal of Suwannee Middle School

THRU: Mark Carver, Director of Facilities

DATE: February 4, 2015

RE: Agenda Item for February 10, 2015, Special Board Meeting

RECOMMENDATION:
The Superintendent recommends approval of Baseball Booster-funded and maintained portable storage building at the SMS baseball field.

BACKGROUND:
The proposal for the SMS site is 40'x14'. The portable building will be 12'X36'. The estimated value of the improvement is $10,000.

Included with this memorandum are two additional information packets. One is to show that the building brought in is a certified building in the State of Florida. The second packet contains a blue print of the building, showing its construction and how it is to be installed.

STATE OF FLORIDA

DEPARTMENT OF COMMUNITY AFFAIRS

"Dedicated to making Florida a better place to call home"

JEB BUSH
Governor

THADDEUS L. COHEN, AIA
Secretary

DIVISION OF HOUSING & COMMUNITY DEVELOPMENT
BUILDING CODES & STANDARDS

MEMORANDUM

From: Michael Ashworth, Manufactured Buildings Program Manager

To: Building Officials, Manufacturers & Third Party Agencies

Subject: Raised Seals on Plans for Manufactured (Modular) Buildings

Date: November 28, 2006

Section 553.80(1)(d), FS specifically exempts state approved manufactured (modular) buildings bearing the DCA insignia, from further plan review by local code enforcing agencies. Rule 9B-1, FAC; and the Florida Building Code (FBC) do not require original signed and sealed plans for manufactured (modular) buildings to be submitted to local jurisdictions to obtain a building permit. The insignia issued by this Department attests that the plans have been reviewed and the buildings inspected by a state approved Third Party Agency and found compliant with the FBC.

However, any code requirements not completed at the factory are considered site related and are subject to local plan review and inspection in accordance with the FBC and local requirements. Signing and sealing of these plans should follow local procedures. All site-related installation requirements (e.g., foundation, electrical hook-up, plumbing, etc.,) are specifically and entirely reserved to the local authority having jurisdiction, who may require signed and sealed plans for applicable items.

The State of Florida Manufactured (Modular) Buildings Program requires its approved Third Party Agencies to maintain a set of signed and sealed plans, (either hardcopy or electronic) that have been reviewed and approved by a Florida licensed design professional or Modular Plans Reviewer. Inspection reports conducted at the manufacturing facility by Florida licensed design professionals or Modular Inspectors are also required to be on file. Local jurisdictions may require copies of the approved plans with the permit application or may rely on the plans on file at www.floridabuilding.org.

For additional information, please contact Michael Ashworth at 850-922-6075 or E-mail: michael.ashworth@dca.state.fl.us.

cc: I. Jones
Files

2555 SHUMARD OAK BOULEVARD • TALLAHASSEE, FLORIDA 32399-2160
Phone: 850.488.8466/Suncom 278 8466 FAX: 850.921.0781/Suncom 291 0781
Internet address: http://www.dca.state.fl.us

CRITICAL STATE CONCERN FIELD OFFICE
2796 Overseas Highway, Suite 212
Marathon, FL 33050-2227
(305) 289-2402

COMMUNITY PLANNING
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100
(850) 488-2356

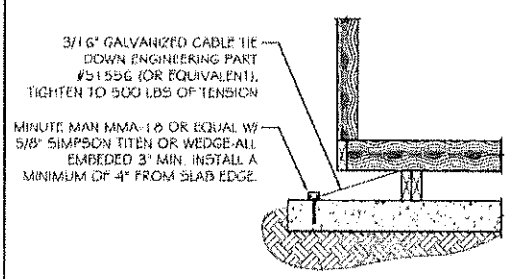
EMERGENCY MANAGEMENT
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100
(850) 413-9969

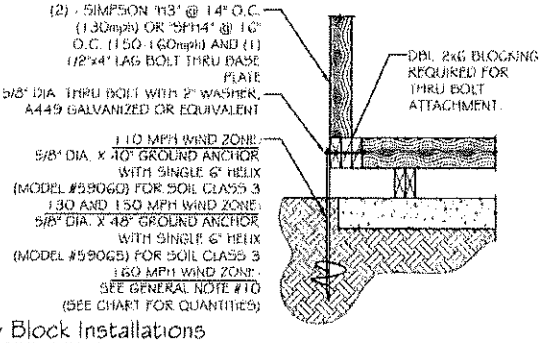
HOUSING & COMMUNITY DEVELOPMENT
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100
(850) 488-7956

NOTE: INSTALL ANCHORS PER MANUFACTURER'S REQUIREMENTS

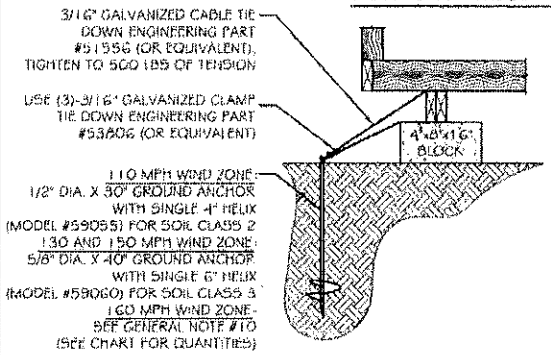
Revision Date:	Notes:
03/27/2012	Plan Update

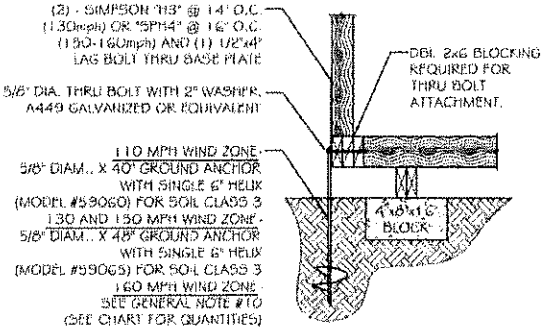
Details for Concrete Installations





Details for Masonry Block Installations





GENERAL NOTES

1. DESIGN FOR MIN 2,500 PSI CONCRETE
2. ALL HELIX ANCHORS MUST MEET THE MINIMUM WORKING LOAD OF 3150 lbs. AND AN ULTIMATE LOAD OF 4725 lbs.
3. HELICAL ANCHORS FOR 160mph WIND ZONES MUST MEET A MINIMUM WORKING LOAD OF 3484 lbs. AND AN ULTIMATE LOAD OF 5200 lbs.
4. ANCHORS MUST BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS. ANY BENDING OR DAMAGE CAUSED UPON INSTALLATION WILL VOID ANCHOR AND MUST BE DISCARDED.
5. CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY FAMILIARIZE THEMSELF WITH EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR MEETING SOIL CLASSIFICATION FOR SIZING HELICAL ANCHORS.
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 TIE -DOWN ENGINEERING (OR COMPARABLE) 1/2" X 30" GROUND ANCHOR WITH SINGLE 4" HELIX OR 5/8" DIA. X 40" AND 48" GROUND ANCHOR WITH SINGLE 6" HELIX
10. FOR 160mph WIND ZONES USE TIE -DOWN ENGINEERING (OR COMPARABLE) MODEL # 59090 3/4" DIAM. x 36" WITH A DOUBLE 4" HELIX (USE IN SOIL CLASSES 2) OR MODEL # 59250 5/8" DIAM. x 30" WITH A 6" HELIX AND A 4" HELIX (USE IN SOIL CLASSES 3)(4)
11. TESTED SOIL CAPACITY FOR TIE DOWN 1/2" X 30" ANCHOR = 500 FT . LB.
12. TESTED SOIL CAPACITY FOR TIE DOWN 5/8" X 40" ANCHOR = 375 FT. LB
13. INSTALLATION OF THE ANCHORS MUST MEET ALL AT REQUIREMENTS AS SPECIFIED BY TIE DOWN ENGINEERING, INC TO INCLUDE REQUIREMENTSING FOR SPACING AND SITE SPECIFIC SOIL CONDITIONS
14. MAXIMUM STRUCTURE HEIGHT IS 12 FEET
15. NUMBER OF ANCHORS LISTED 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 - 110MPH - 130MPH - 150 MPH - 160 MPH
3. WIND EXPOSURE CATEGORY: C
4. WIND IMPORTANCE FACTOR: 1.0
5. ENCLOSURE CLASSIFICATION: ENCLOSED
6. DESIGN MEETS INTERNATIONAL BUILDING CODE 2009 & FLORIDA BUILDING CODE 2010

SOIL CLASS DESCRIPTIONS:

SOIL CLASS 2 - VERY DENSE AND OR CEMENTED SANDS, COARSE GRAVEL, COBBLES, PRELOADED SILTS, CLAYS AND COARL. A TEST PROBE TORQUE VALUE OF 550+lbs-in
SOIL CLASS 3 - MEDIUM DENSE COARSE SANDS SANDY GRAVELS VERY STIFF SILTS AND CLAYS. A TEST PROBE TORQUE VALUE OF 350-550lbs-in

ANCHORING SCHEDULE

Building Width	Building Length	Max. Block Spacing	Number of Blocks	110 MPH	130 MPH	150 MPH	160 MPH
6'-0"	10'-0"	7'-6"	4	2	2	2	2
6'-0"	12'-0"	7'-6"	4	2	2	2	2
6'-0"	6'-0"	7'-6"	4	2	2	2	2
6'-0"	10'-0"	7'-6"	4	2	2	2	2
6'-0"	12'-0"	7'-6"	6	2	2	2	2
6'-0"	14'-0"	7'-6"	6	3	3	3	3
6'-0"	16'-0"	7'-6"	6	3	3	3	3
10'-0"	10'-0"	7'-0"	4	2	2	2	2
10'-0"	12'-0"	7'-0"	6	2	2	2	2
10'-0"	14'-0"	7'-0"	6	3	3	3	3
10'-0"	16'-0"	7'-0"	8	3	3	3	3
10'-0"	20'-0"	7'-0"	8	3	3	3	3
10'-0"	24'-0"	7'-0"	10	4	4	4	4
10'-0"	30'-0"	7'-0"	12	5	5	5	5
11'-0"	12'-0"	7'-0"	6	2	2	2	2
11'-0"	14'-0"	7'-0"	6	2	2	2	2
11'-0"	16'-0"	7'-0"	6	2	2	2	2
11'-0"	20'-0"	7'-0"	8	3	3	3	3
11'-0"	24'-0"	7'-0"	10	3	3	3	3
11'-0"	30'-0"	7'-0"	12	4	4	4	4
11'-0"	36'-0"	7'-0"	14	4	4	4	4
11'-0"	40'-0"	7'-0"	16	5	5	5	5
11'-8"	12'-0"	6'-8"	6	2	2	2	2
11'-8"	14'-0"	6'-6"	6	2	2	2	2
11'-8"	16'-0"	6'-6"	8	3	3	3	3
11'-8"	20'-0"	6'-6"	8	3	3	3	3
11'-8"	24'-0"	6'-6"	10	3	3	3	3
11'-8"	30'-0"	6'-6"	12	4	4	4	4
11'-8"	36'-0"	6'-6"	14	5	5	5	5
11'-8"	40'-0"	6'-6"	16	5	5	5	5
11'-8"	44'-0"	6'-6"	16	6	6	6	6
11'-8"	50'-0"	6'-6"	18	6	6	6	6
13'-0"	14'-0"	6'-6"	9	2	2	2	2
13'-0"	16'-0"	6'-6"	9	3	3	3	3
13'-0"	20'-0"	6'-6"	12	3	3	3	3
13'-0"	24'-0"	6'-6"	15	4	4	4	4
13'-0"	30'-0"	6'-6"	18	4	4	4	4
13'-0"	36'-0"	6'-6"	21	5	5	5	5
13'-0"	40'-0"	6'-6"	24	6	6	6	6
13'-0"	44'-0"	6'-6"	24	6	6	6	6
13'-0"	50'-0"	6'-6"	27	7	7	7	7
13'-8"	14'-0"	6'-6"	12	2	2	2	2
13'-8"	16'-0"	6'-6"	12	3	3	3	3
13'-8"	20'-0"	6'-6"	16	3	3	3	3
13'-8"	24'-0"	6'-6"	20	4	4	4	4
13'-8"	30'-0"	6'-6"	24	6	6	6	6
13'-8"	36'-0"	6'-6"	28	5	5	5	5
13'-8"	40'-0"	6'-6"	32	6	6	6	6
13'-8"	44'-0"	6'-6"	32	6	6	6	6
13'-8"	50'-0"	6'-6"	36	7	7	7	7

3/27/12

DESIGNED FOR:
LARK BUILDERS
409 DICKSON STREET
VIDALIA, GA. 30474
PROJECT NUMBER:
12EN224
DATE: March 27nd, 2012

Haney Associates, Inc.
Engineering & Construction Planning
P.O. Box 348, Six Mile, S.C. 29682 - Phone: 864-646-7600 Alt#: 864-634-1300

160 mph - Vaulted Ceiling Wood Shed Master Plan

Lark Builders

409 Dixon Street

Vidalia, GA 30474

GENERAL NOTES:

1. THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE 2009 IBC BUILDING CODE & 2010 FLORIDA BUILDING CODE. WIND LOADING DESIGNED IN ACCORDANCE WITH THE ASCE - 7-10.
2. ALL MATERIALS AND LABOR SHALL BE IN ACCORDANCE WITH THE ABOVE CODE AND ALL OTHER APPLICABLE LOCAL CODES AT THE TIME OF MANUFACTURE.
3. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSION.
4. OUTSIDE OVERALL DIMENSIONS CAN VARY BETWEEN LIMITS SHOWN BUT MEMBER SPACING SHALL NOT EXCEED LIMITS AS INDICATED.
5. LUMBER USED FOR CONSTRUCTION SHALL BE AS FOLLOWS:

FLOOR JOISTS-	2x4 S.Y.P.#2-(12-15% MOISTURE CONTENT)
	2x6 S.Y.P.#2-(12-15% MOISTURE CONTENT)
	2x8 S.Y.P.#2-(12-15% MOISTURE CONTENT)
WALL STUDS-	2x4 S.Y.P.#1-(12-15% MOISTURE CONTENT)
ROOF RAFTERS-	2x4 S.Y.P.#1-(12-15% MOISTURE CONTENT)
	2x6 S.Y.P.#1-(12-15% MOISTURE CONTENT)
COLLAR TIES-	2x4 S.Y.P.#1-(12-15% MOISTURE CONTENT)
WINDOW SILLS-	2x4 S.Y.P.#1-(12-15% MOISTURE CONTENT)

6. ALL OF THE FOLLOWING LUMBER SHALL BE PRESSURE TREATED: SKIDS, FLOOR JOISTS AND 3/4" T&G FLOOR SHEATHING
7. TRUSS DESIGNED TO SUPPORT D.L.+L.L.=30 P.S.F.
8. HANDICAP ACCESS TO BUILDING IS FIELD INSTALLED BY OTHERS AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
9. ALL ALUMINUM TO BE 3005-3105 ALLOY WITH 32,000 PSI MINIMUM YIELD STRENGTH.
10. ROOF SLOPE SHALL BE 3:12 WHEN SHINGLES ARE APPLIED, SEE FBC 1507.2 FOR SHINGLE REQUIREMENTS. ROOF SLOPE FOR METAL ROOFS SHALL MEET MANUFACTURER'S RECOMMENDATIONS.
11. ROOF RAFTERS SHALL HAVE THE SAME SPACING AS THE WALL STUDS AND SHALL BE LOCATED DIRECTLY OVER THE WALL STUD.
12. ROOF SLOPES BETWEEN 2:12 AND 4:12 SHALL HAVE A DOUBLE UNDERLAYMENT APPLICATION IN ACCORDANCE WITH SECTION 1507.2.8 OF THE F.B.C. 2010
13. WHEN ROOFING PANELS ARE PLACED VERTICALLY 3"x1-¼"x16 Ga. HAT CHANNEL PURLINS ARE REQUIRED, WITH A MAX SPACING OF 4' O.C.
14. ANCHORS SHALL MEET THE REQUIREMENTS OF ALL APPLICABLE LOCAL CODES AND THIS IS NOT A FOUNDATION DESIGN.
15. BUILDING IS CLASSIFIED AS TYPE "S" (STORAGE)
16. ALUMINUM WINDOWS - TYPE, SIZE, QUANTITY, AND LOCATION MAY VARY.
17. ALL FASTENERS INTO P.T. WOOD SHALL BE HOT DIPPED GALVANIZED FASTENERS.
18. MANUFACTURER INSTALLATION STANDARDS SHALL BE FOLLOWED IN ORDER FOR THESE DESIGN DRAWINGS TO ACCURATELY REFLECT FIELD PERFORMANCE CONDITIONS.
19. THESE STRUCTURES SHALL NOT BE USED FOR COMBUSTIBLE OR HAZARDOUS MATERIAL.

Sheet Index

S1.0	Cover - General & Design Notes
S1.1	Electrical & General Floor Plan
S1.2	Skids & Floor Framing Plan
S1.3	Skid and Floor Framing Details
S1.4	Openings Schedule & Framing
S1.5	Roof Framing & Schedule
S1.6	Typical Frame Section Details
S1.7	End Wall Frame Options

GENERAL NOTES CONTINUED:

20. OPTIONAL EXTERIOR WALL COVERINGS INCLUDE CORRUGATED ALUMINUM, MASA ALUMINUM, 4" LAP ALUMINUM, 5/8" P.T. T1-11 SIDING, VINYL SIDING WITH ENERGY BRACE BACKER, HARDI BOARD, STEEL SIDING AND "FLEKO" STUCCO ON 5/8" DENSE GLASS GOLD.
21. ALL DOORS SHALL BE ABLE TO BE OPENED FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY.
22. DOOR SHALL BE 2 1/4" x 11/16" ALUMINUM EXTRUDED FRAME WITH AN ALUMINUM PANEL INSERT. ALUMINUM TRIM. DOOR ATTACHED TO VERTICAL 2x4.
23. OPTIONAL DOORS INCLUDE DOUBLE ALUMINUM DOORS, GARAGE DOORS, 60" x 72" ALUMINUM DOOR, 32" AND 48" SINGLE DOORS, AND PRE HUNG STEEL DOORS. TYPE, SIZE, QUANTITY, AND LOCATION MAY VARY.
24. PREMANUFACTURED DOORS THAT MEET APPLICABLE CODES MAY BE USED INSTEAD OF DOORS LISTED ABOVE
25. MAXIMUM WALL HEIGHT TO BE 8'-0", STUD AND RAFTER SPACING SHALL BE 16" O.C., Max. FOR ANY WALL HEIGHT ABOVE 7'-0", WALLS UNDER 7'-0" IN HEIGHT MAY HAVE FRAMING SPACED AT 24" O.C., Max.
26. ALL BRAND MATERIALS SPECIFIED MAY BE SUBSTITUTED FOR EQUIVALENT OR GREATER PRODUCT.
27. ALL BUILDINGS (EXCEPT THOSE IN USE AS AN ACCESSORY BUILDING FOR A ONE OR TWO FAMILY DWELLING UNDER 400sq.ft.) MUST HAVE ATLEAST (1) 32"x80" (MIN.) DOOR.

DESIGN PARAMETERS: (HIP-GABLE ROOF)

[WIND DESIGN PER ASCE 7-10, SEISMIC DESIGN PER AISC 341-05]

1.	WIND VELOCITY:	160mph
2.	WIND IMPORTANCE FACTOR:	1.0
3.	WIND EXPOSURE:	C
4.	INT. PRESSURE COEFFICIENT:	0.18 ±
5.	ENCLOSURE CLASSIFICATION:	ENCLOSED
6.	COMPONENTS AND CLADDING:	
	-ROOF LOAD (ZONE #1):	+20.97/-42.82 PSF
	-ROOF LOAD (ZONE #2):	+20.97/-60.29 PSF
	-ROOF LOAD (ZONE #3):	+20.97/-95.24 PSF
	-WALL LOAD (ZONE #4):	+41.7/-46.0 PSF
	-WALL LOAD (ZONE #5):	+46.3/-58.5 PSF
	-WALL LOAD (ZONE #4&#5):	+44.0/-52.3 PSF
7.	FLOOR DESIGN LIVE LOAD:	125 PSF
8.	FLOOR DESIGN DEAD LOAD:	12 PSF
9.	ROOF DESIGN LIVE LOAD:	20 PSF
10.	ROOF DESIGN DEAD LOAD:	SELF WEIGHT
11.	WALL DESIGN LOAD:	8 PSF
12.	COMBINATION LOADS:	AS PER ASCE 7-10
13.	SEISMIC USE GROUP:	B
14.	BUILDING CATEGORY:	I
15.	BUILDING OCCUPANCY:	STORAGE - NON HABITABLE
16.	CONSTRUCTION TYPE:	V B
17.	ALLOWABLE FLOORS:	1
18.	EXTERIOR WALL FIRE RATING:	0
19.	DESIGN OVERHANG:	8 INCH

20. DESIGN MEETS INTERNATIONAL BUILDING CODE 2009 & FLORIDA BUILDING CODE 2010
21. THE CONTRACTOR/MANUFACTURER MUST COMPLY WITH THE FOLLOWING CODES:
    - -2010 FLORIDA BUILDING CODE
    - -2010 FLORIDA MECHANICAL CODE
    - -2010 FLORIDA PLUMBING CODE
    - -2012 FLORIDA ACCESSIBILITY CODE
    - -2009 INTERNATIONAL BUILDING CODE

THESE BUILDINGS ARE EXEMPT FROM THE THE 2010 FBC ENERGY CODE IN ACCORDANCE WITH 101.5.2

SITE INSTALLED ITEMS:

1. THE COMPLETE FOUNDATION SUPPORT AND TIE-DOWN SYSTEM.
2. RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING.
3. ELECTRICAL SERVICE HOOKUP (INCLUDING FEEDERS) TO THE BUILDING.
4. ROOF DRAINAGE SHALL COMPLY WITH F.B.C. 2010 1503 AND R318.6

NOTE: THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIALS THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTION APPROVAL.

Approval Stamps:

Date 3/19/12 Plan No. 12EN224 VCM

Approved By: R. Bullock

Richard L. Bullock

Modular Building Plans Examiner Florida Certificate 9217 exp

Raised seal plans on file at NDI headquarters

Working as agent for: DCA

These Prints comply with the Florida Manufactured Bld Act and adopted Codes and Adhere to the following Criteria:

Construction Type V-B

Occupancy S

Allowable # floors 1

Wind Velocity 160

Fire Rating of Ext. Walls 0

Plan # 12EN224 VCM

Allow. Floor Load 125

Approval Date 3/19/12

Rem. Dandy

Approval of this Document does not Authorize or Approve any Deviation From the requirements of applicable State Laws

NDI "APPROVED" DOCUMENT

03/19/12

Chuck R. 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 Flordia Building Code for a Wind Speed of 160 m.p.h.

Vaulted Ceiling Master Plan

Lark Builders

409 Dixon Street

Vidalia, GA 30474

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

Sheet Number:

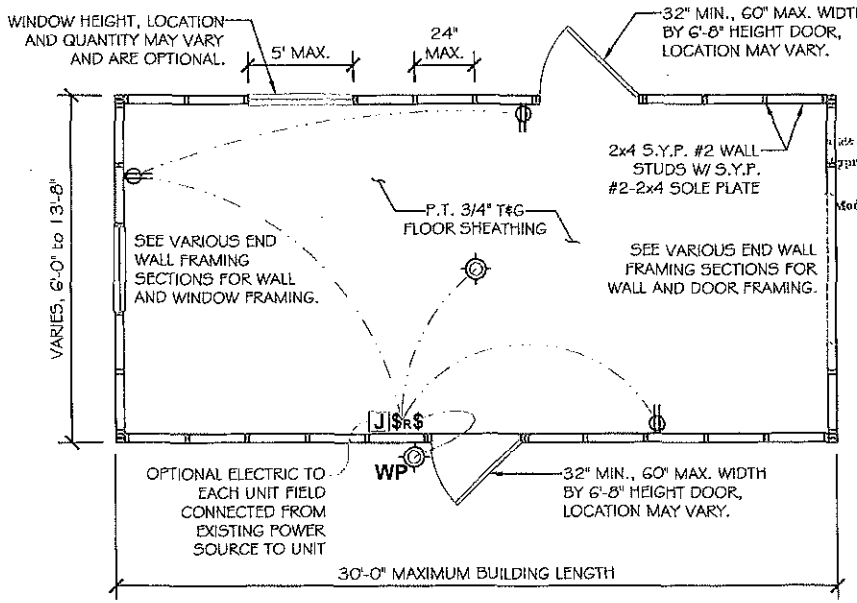
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1 of 8

ELECTRICAL NOTES:

1. WHEN AIR CONDITIONING IS INSTALLED IN THIS BUILDING, IT SHALL BE THE RESPONSIBILITY OF THE HVAC CONTRACTOR AND ELECTRICAL CONTRACTOR TO VERIFY WIRE AND BREAKER SIZES FOR ACTUAL HVAC UNIT(S) INSTALLED ALL WIRING TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE LATEST EDITION.
2. FLEXIBLE CONDUIT FOR LIGHT FIXTURES.
3. EACH CIRCUIT IS TO HAVE CONTINUOUS SOLID COPPER INSULATED GROUND WIRE CONNECTED TO EQUIPMENT GROUND BAR IN THE MAIN DISTRIBUTION PANEL.
4. EQUIPMENT GROUND BAR IN MAIN DISTRIBUTION PANEL IS TO BE GROUNDED TO MINIMUM 10'-0" COPPER CLAD EARTH DRIVEN ROD WITH GROUNDING CLAMP APPROVED FOR DIRECT BURIAL.
5. ALL CONDUIT TERMINATIONS OF 1" OR LARGER ARE TO HAVE PLASTIC INSULATED BUSHINGS.
6. ALL ELECTRICAL WORK IS TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), LIFE SAFETY CODE (NFPA 101), LATEST EDITIONS.
7. HVAC EQUIPMENT SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE EQUIPMENT SERVED. A UNIT SWITCH WITH A MARKED "OFF" POSITION THAT IS PART OF THE HVAC EQUIPMENT SHALL BE PERMITTED AS THE DISCONNECTING MEANS ONLY WHERE OTHER DISCONNECTING MEANS ARE ALSO PROVIDED BY A READILY ACCESSIBLE CIRCUIT BREAKER.
8. PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED AND VERIFIED AS BEING IN COMPLIANCE WITH SEC. 110-9 OF THE NEC BY A LOCAL ELECTRICAL CONSULTANT.
9. THE MAIN ELECTRICAL PANEL, FEEDERS, POWER HOOKUP TO BUILDING (INCLUDING ALL DISCONNECTS, OVER CURRENT DEVICES, PANELS, GROUNDING, ETC.) IS DESIGNED BY OTHERS, SITE INSTALLED, SUBJECT TO LOCAL JURISDICTION APPROVAL.
10. ALL WIRES TO SWITCHES AND OUTLETS TO BE #12 AWG THHN AND WILL MEET THE COLOR CODE REQUIREMENTS SET FORTH IN THE NFPA 70, NATIONAL ELECTRICAL CODE.
11. ALL ELECTRICAL OUTLETS SHALL BE GFCI IN ACCORDANCE WITH ARTICLE 1210.8(A)(2) NEC-08.

Electrical Symbol Key	
⏚	GFCI Duplex Receptacle 120V 1Ø
⊙	Incandescent Light w/ (1)-60w Bulb
[J]	Junction Box
$	Switch
WP	Weatherproof
$R	Switch w/ Receptacle Outlet 120v 1Ø



NOTES:
- ALL ELECTRICAL EQUIPMENT SHOWN IS OPTIONAL AND LOCATIONS MAY VARY.
- BUILDINGS WITH WALL HEIGHTS GREATER THAN 7'-0" SHALL HAVE WALL FRAMING SPACED AT 16" O.C., MAX.

Typical Floor Plan
SCALE: 1/4"= 1'-0"

Approval Stamps:

3/19/12
Plan No. 12EN 224 VCM
Approved By:
Richard L. Bullock
Modular Building Plans Examiner Florida Certificate 24[illegible]

NDI "APPROVED" DOCUMENT

03/19/12

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

Vaulted Ceiling Master Plan
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Vidalia, GA 30474

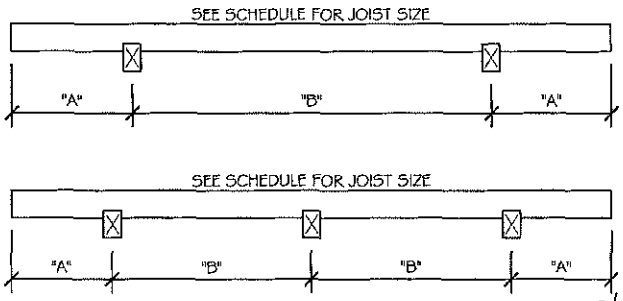
Designed By: O.R.H.
Project No. 12EN224
Checked By: C.L.A.
Date: 03/19/12

Sheet Number:
S1.1
2 of 8

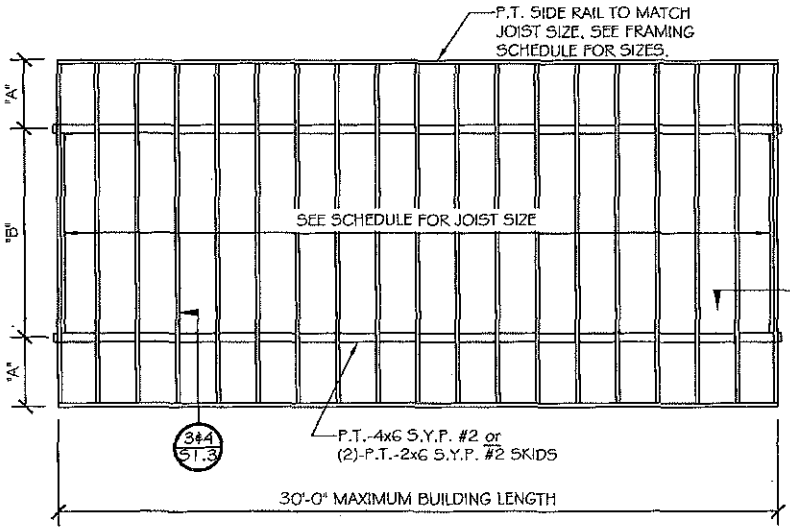
SKID LAYOUT AND FLOOR FRAMING SCHEDULE

125 psf Live Load (2 Skid)				125 psf Live Load (3 Skid)			
Width	Joist Size&Spacing	A	B	Width	Joist Size&Spacing	A	B
6'-0"	2x4's @ 16" O.C., Max.	15"	42"	6'-0"	2x4's @ 16" O.C., Max.	12"	24"
8'-0"	2x6's @ 16" O.C., Max.	18"	60"	8'-0"	2x6's @ 16" O.C., Max.	16"	32"
10'-0"	2x6's @ 16" O.C., Max.	24"	72"	10'-0"	2x6's @ 16" O.C., Max.	20"	40"
11'-0"	2x6's @ 16" O.C., Max.	24"	84"	11'-0"	2x6's @ 16" O.C., Max.	22"	44"
11'-8"	2x6's @ 16" O.C., Max.	28"	84"	11'-8"	2x6's @ 16" O.C., Max.	24"	46"
13'-0"	2x8's @ 16" O.C., Max.	36"	84"	13'-0"	2x8's @ 16" O.C., Max.	26"	52"
13'-8"	2x8's @ 16" O.C., Max.	40"	84"	13'-8"	2x8's @ 16" O.C., Max.	28"	56"

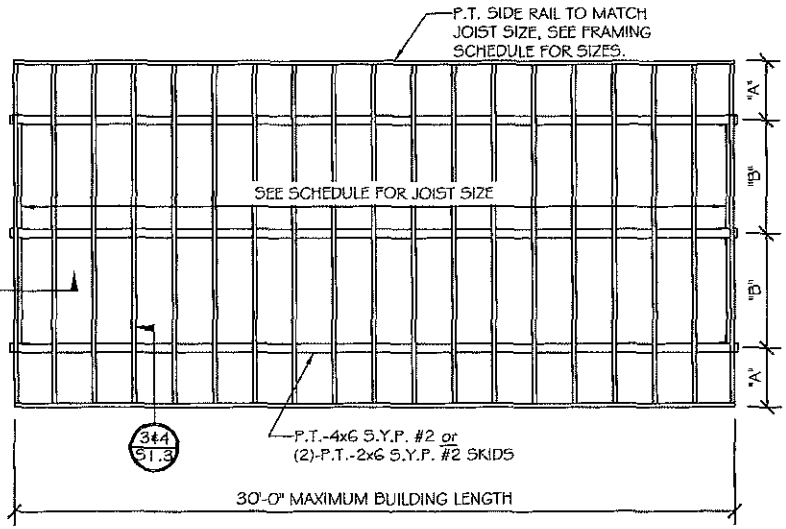
NOTES:
- FASTENERS WILL MEET THE MINIMUM REQUIREMENTS FOR ALL STRUCTURAL COMPONENTS AS SET FORTH UNDER FBC 2304.9.1 AND TABLE 2304.9.1 UNLESS OTHERWISE SPECIFIED.
- ALL SKIDS ARE P.T.-4x6 S.Y.P. #2 OR (2)-P.T.-2x6 S.Y.P. #2
- 6'-0" WIDE UNITS MAY USE 2x4 S.Y.P. #3 JOISTS
- ALL JOISTS ARE TO BE P.T.-S.Y.P. #2



Date: 3/19/12 Plan No. 12EN224 VCM
Approved By: R Bulleck
Richard L. Bulleck
Modular Building Plans Examiner Florida Certificate 9277 (A)



Typical 2 Skid Floor Framing Plan
SCALE: 1/4"=1'-0"



Typical 3 Skid Floor Framing Plan
SCALE: 1/4"=1'-0"

Approval Stamps:

NDI "APPROVED" DOCUMENT

03/19/12

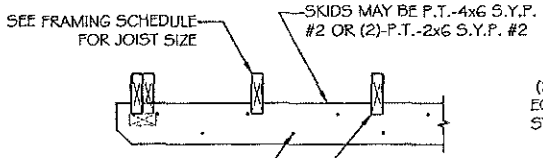
Haney Associates, Inc.
Engineering & Construction Planning
P.O. Box 348, Six Mile, S.C. 29682 - Phone:864-646-7600

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

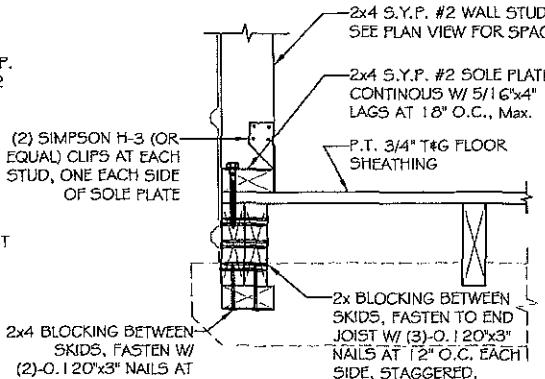
Vaulted Ceiling Master Plan
Lark Builders
409 Dixon Street
Vidalia, GA 30474

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

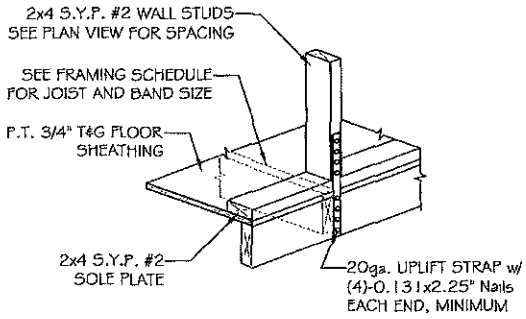
Sheet Number: **S1.2**
3 of 8



1 S1.3 SKID&FLOOR FRAMING DETAIL
SCALE: 3/4"=1'-0"

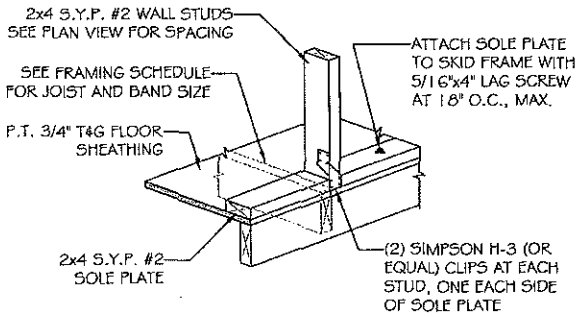


2 S1.3 END JOIST FRAMING DETAIL
SCALE: 1.5"=1'-0"



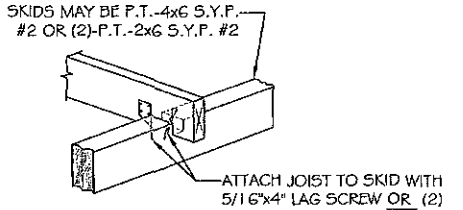
OPTION "A"

3a S1.3 WALL STUD TIEDOWN DETAIL
SCALE: 3/4"=1'-0"



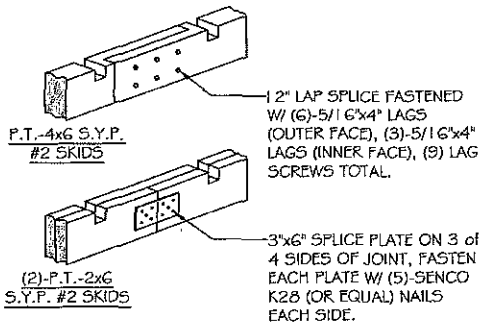
OPTION "B"

3b S1.3 WALL STUD TIEDOWN DETAIL
SCALE: 3/4"=1'-0"



NOTE: ATTACH END JOISTS TO SKID WITH (2)-5/16"x4" LAG SCREWS [OR (4)-0.131x4" GUN NAILS] AND A SIMPSON H-3 [OR EQUAL] AT EACH END OF JOIST.

4 S1.3 TYPICAL SKID TO JOIST CONNECTION DETAIL
SCALE: 3/4"=1'-0"



5 S1.3 TYPICAL SKID SPLICING DETAIL
SCALE: 3/4"=1'-0"

Approval Stamps:

Date 3/19/12
Approved By R. Bullock
Richard L. Bullock
Modular Building Plans Examiner Florida Certificate 9241 (BR)

Plan No. 12EN224VCM

NOT "APPROVED" DOCUMENT

03/19/12
Richard L. Haney

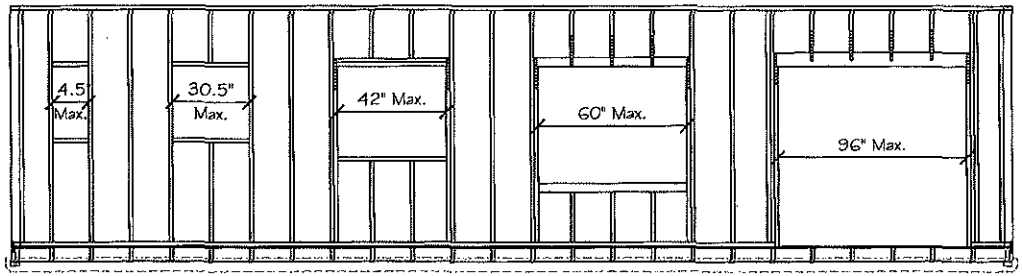
Haney Associates, Inc.
Engineering & Construction Planning
P.O. Box 348, Six Mile, S.C. 29682 - Phone:864-646-7600

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

Vaulted Ceiling Master Plan
Lark Builders
409 Dixon Street
Vidalia, GA 30474

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

Sheet Number:
S1.3
4 of 8



Typical Side Wall Openings Framing
SCALE: 1/4"=1'-0"

WALL OPENINGS FRAMING SCHEDULE

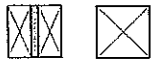
Max. Opening	Header/Sill Type	Header Fasteners (Each End)	Sill Fasteners (Each End)	King/Jack Studs	Option A: Stud to Band Joist Strapping & Nails (each end)	Option B: Stud to Band Joist Clips	Option A: Anchor Lags	Option B: Anchor Lags
14.5"	1 / 1	(4)-16d Nails	(2)-16d Nails	1 / 0	None Required	None Required	(N / A)	(N / A)
22.5"	1 / 1	(5)-16d Nails	(2)-16d Nails	1 / 0	None Required	None Required	(N / A)	(N / A)
30.5"	2 / 1	(7)-16d Nails	(4)-16d Nails	1 / 0	None Required	None Required	(N / A)	(N / A)
42"	2 / 1	(8)-16d Nails	(5)-16d Nails	1 / 1	(2)-20ga. w/ (5)-0.131x2.25" Nails	(2) Simpson H-3	5	5
60"	2 / 2	(10)-16d Nails	(7)-16d Nails	1 / 1	(2)-20ga. w/ (5)-0.131x2.25" Nails	(2) Simpson H-3	7	5
63"	3 / 2	(10)-16d Nails	(9)-16d Nails	2 / 1	(3)-20ga. w/ (7)-0.131x2.25" Nails	(3) Simpson H-3	8	6
75.5"	3	(13)-16d Nails	(N / A)	2 / 1	(3)-20ga. w/ (7)-0.131x2.25" Nails	(3) Simpson H-3	10	7
96"	3	(13)-16d Nails	(N / A)	2 / 1	(3)-20ga. w/ (9)-0.131x2.25" Nails	(3) Simpson H-3	11	12

NOTES:
- ALL HEADERS AND SILLS SHALL BE CONSTRUCTED FROM S.Y.P. #1
- STRAPS, CLIPS AND ANCHORING LAGS STATED ARE FOR EACH SIDE OF OPENINGS
- STRAPPING MAY WRAP BAND JOIST IF NEEDED TO INSTALL REQUIRED # OF FASTENERS
- ANCHORING LAGS SHALL BE 1" FROM STUD AND SPACED 1" O.C. CENTERED ON BAND JOIST
- REFER TO CLIP MANUFACTURER FOR CLIP FASTENING REQUIREMENTS
- SIMPSON CS16 STRAPS (OR EQUAL) REQUIRED TO TIE HEADER TO JACK STUD FOR ALL OPENINGS 42" OR GREATER, STRAPS ARE ALSO REQUIRED FOR ALL INTERUPTED STUDS ON OPENINGS 60" OR GREATER



(1)-2x4 S.Y.P. #1

Header/Sill Type 1
SCALE: 1.5"=1'-0"



(2)-2x4 S.Y.P. #1 w/ 1/2" PLYWOOD SPACER or (1)-4x4 S.Y.P. #1

Header/Sill Type 2
SCALE: 1.5"=1'-0"



(2)-2x6 S.Y.P. #1 w/ 1/2" PLYWOOD SPACER

Header/Sill Type 3
SCALE: 1.5"=1'-0"

Approval Stamps:

Date 3/19/12 Plan No. 12EN224 VCM
Approved By R. Russell
Richard L. Bullock
Modular Building Plans Examiner Florida Certificate #[illegible]

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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.

Vaulted Ceiling Master Plan
Lark Builders
409 Dixon Street
Vidalia, GA 30474

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

Sheet Number:
S1.4
5 of 8

ROOF FRAMING SCHEDULE

Framing at 24" o.c., Max.			Framing at 16" o.c., Max.		
Width	Rafter Size	Required # of Strap Nails	Width	Rafter Size	Required # of Strap Nails
6'-0"	S.Y.P. #1 - 2x4's	6 (ea. end)	6'-0"	S.Y.P. #1 - 2x4's	5 (ea. end)
8'-0"	S.Y.P. #1 - 2x6's	7 (ea. end)	8'-0"	S.Y.P. #1 - 2x6's	5 (ea. end)
10'-0"	S.Y.P. #1 - 2x8's	9 (ea. end)	10'-0"	S.Y.P. #1 - 2x6's	6 (ea. end)
11'-0"	S.Y.P. #1 - 2x10's	10 (ea. end)	11'-0"	S.Y.P. #1 - 2x8's	8 (ea. end)
11'-8"	S.Y.P. #1 - 2x10's	10 (ea. end)	11'-8"	S.Y.P. #1 - 2x8's	8 (ea. end)
13'-0"	S.Y.P. #1 - 2x12's	11 (ea. end)	13'-0"	S.Y.P. #1 - 2x10's	8 (ea. end)
13'-8"	S.Y.P. #1 - 2x12's	12 (ea. end)	13'-8"	S.Y.P. #1 - 2x10's	9 (ea. end)

SCHEDULE AND ROOF FRAMING NOTES:

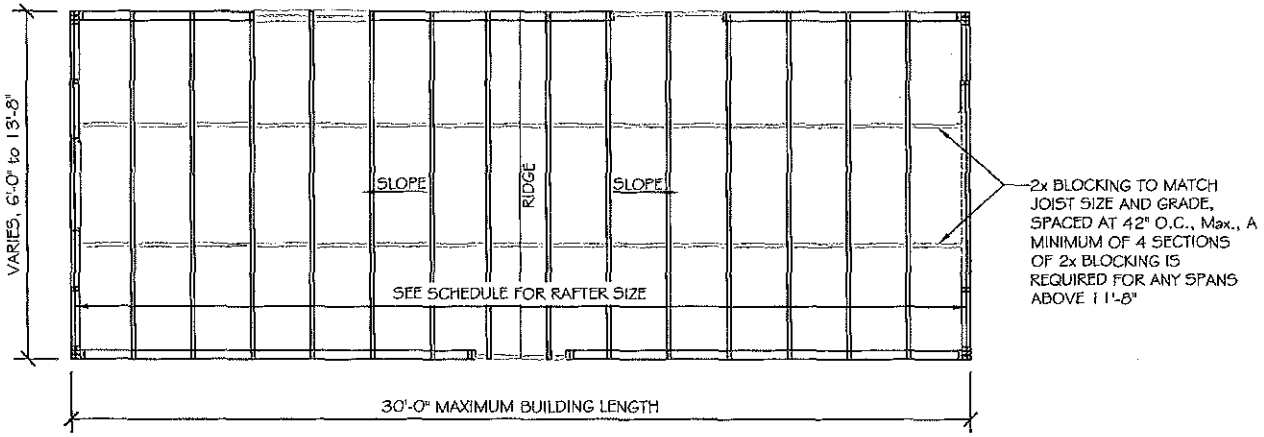
- BUILDINGS WITH WALL HEIGHTS GREATER THAN 7'-0" SHALL HAVE WALL AND ROOF FRAMING SPACED AT 16" O.C., MAX.
- ROOF FRAMING SHALL BE SPACED TO LINE UP DIRECTLY OVER THE WALL STUDS FOR PROPER LOAD TRANSFER AND STRAPPING.
- RAFTER TO STUD STRAPPING SHALL BE 20ga. x 1 ½" WIDE AND FASTENED WITH 0.131x2.25" NAILS.
- ROOF DRAINAGE SHALL COMPLY WITH F.B.C. 2010 1503 AND R318.6
- ROOF FRAME TO WALL FRAME STRAPPING MAY BE INSTALLED ON THE INNER OR OUTER FACE OF THE FRAMING
- FASTENERS WILL MEET THE MINIMUM REQUIREMENTS FOR ALL STRUCTURAL COMPONENTS AS SET FORTH UNDER FBC 2304.9.1 AND TABLE 2304.9.1 UNLESS OTHERWISE SPECIFIED.

Date 3/19/12 Plan No. 12EN224 VCM

Approved By R. Bullock

Richard L. Bullock

Modular Building Plans Examiner Florida Certificate [illegible]



Typical Roof Framing Plan
SCALE: 1/4"=1'-0"

Approval Stamps:

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03/19/12

Chuck B. Haney

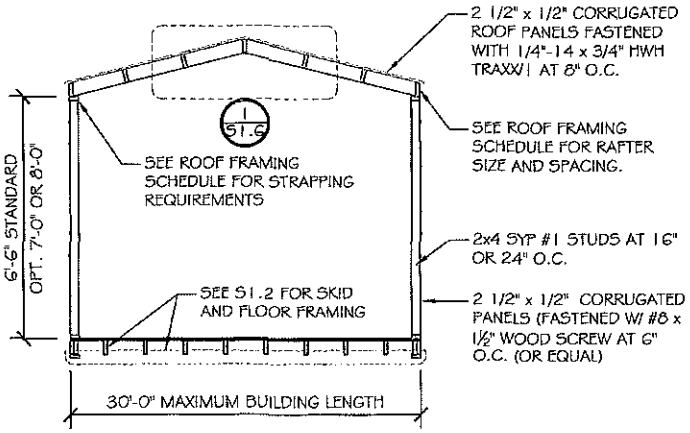
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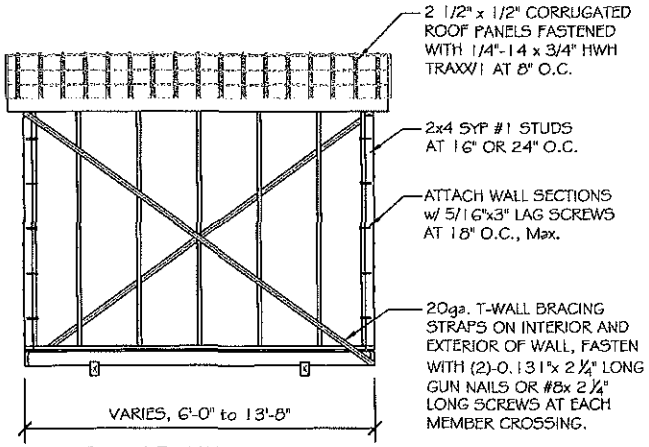
Vaulted Ceiling Master Plan
Lark Builders
409 Dixon Street
Vidalia, GA 30474

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

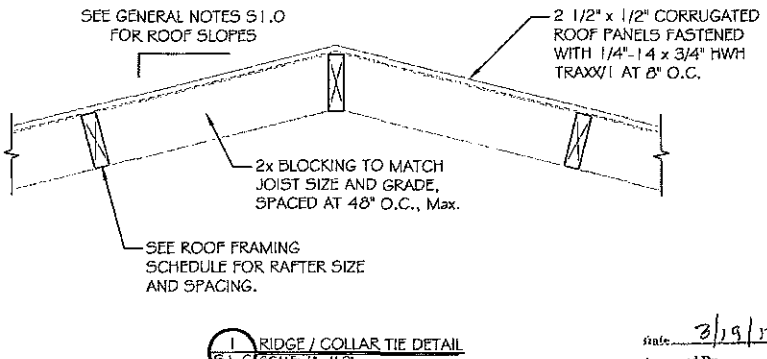
Sheet Number:
S1.5
6 of 8



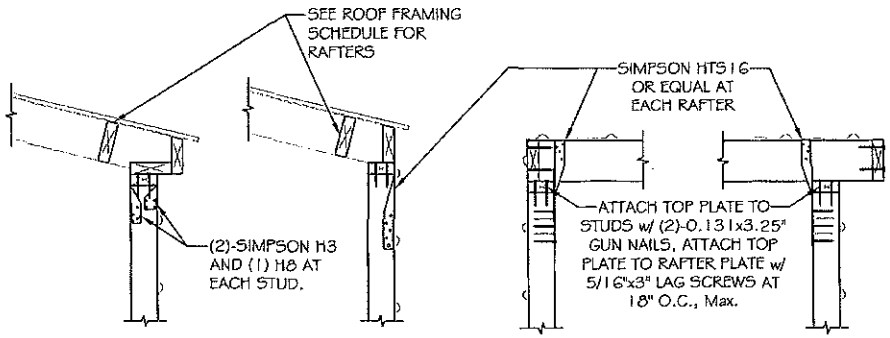
Typical Frame Section
SCALE: 1/4"=1'-0"



Typical End Wall Framing
SCALE: 1/4"=1'-0"



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



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

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

Approval Stamps:

Date 3/19/12 Plan No. 12EN 224 VCM
Approved By: R Bullock
Richard L. Bullock
Modular Building Plans Examiner Florida Certificate [illegible]

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03/19/12

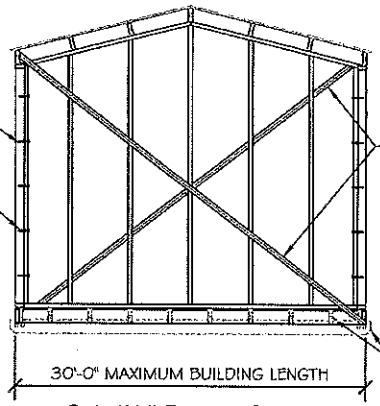
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Vaulted Ceiling Master Plan
Lark Builders
409 Dixon Street
Vidalia, GA 30474

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

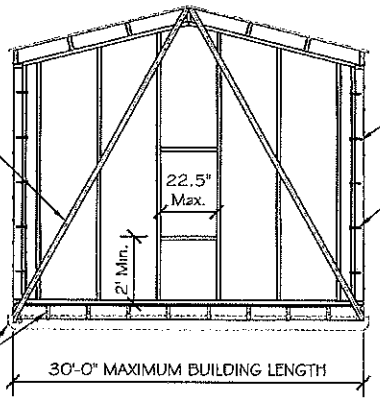
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S1.6
7 of 8



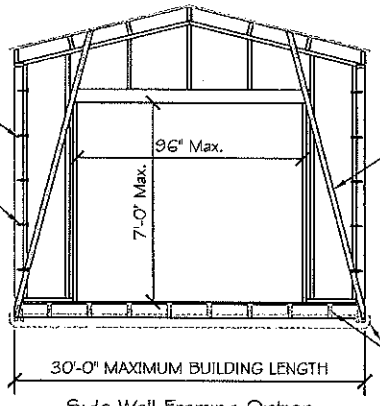
Side Wall Framing Option
SCALE: 1/4"=1'-0"

20ga. T-WALL BRACING STRAPS ON INTERIOR AND EXTERIOR OF WALL, FASTEN WITH (2)-0.131"x 2 ½" LONG GUN NAILS OR #8x 2 ½" LONG SCREWS AT EACH MEMBER CROSSING.

SEE S1.2 FOR SKID AND FLOOR FRAMING



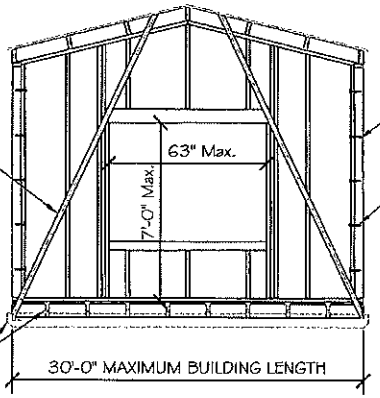
Side Wall Framing Option
SCALE: 1/4"=1'-0"



Side Wall Framing Option
SCALE: 1/4"=1'-0"

20ga. T-WALL BRACING STRAPS ON INTERIOR AND EXTERIOR OF WALL, FASTEN WITH (2)-0.131"x 2 ½" LONG GUN NAILS OR #8x 2 ½" LONG SCREWS AT EACH MEMBER CROSSING.

SEE S1.2 FOR SKID AND FLOOR FRAMING



Side Wall Framing Option
SCALE: 1/4"=1'-0"

Approval Stamps:

Date 3/19/12 Plan No. 12EN224 VCM
Approved By R. Bullock
Richard L. Bullock
Modular Building Plans Examiner Florida Certificate #0016220

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03/19/12
Frank B. Haney

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

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

Sheet Number:
S1.7
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