

DATE 02/23/2007

Columbia County Building Permit

PERMIT
000025565

This Permit Expires One Year From the Date of Issue

APPLICANT BILL HARPER PHONE 623-3873

ADDRESS 119 SW HOBBY PLACE LAKE CITY FL 32024

OWNER FREEDOM MOBILE HOME CENTER PHONE 752-1452

ADDRESS 382 SW WHITETAIL CIRCLE LAKE CITY FL 32024

CONTRACTOR BILL HARPER PHONE 623-3873

LOCATION OF PROPERTY 90W, TL ON 252B, TL ON WHITETAIL CIRCLE, 3RD LOT ON LEFT
PAST HUCKLEBERRY COURT

TYPE DEVELOPMENT MODULAR ESTIMATED COST OF CONSTRUCTION 0.00

HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES

FOUNDATION WALLS ROOF PITCH FLOOR

LAND USE & ZONING RSF/MH3 MAX. HEIGHT

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 03-4S-16-02732-572 SUBDIVISION DEER CREEK

LOT 72 BLOCK PHASE UNIT TOTAL ACRES

000001336 R282811402 A. Coleman

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor

CULVERT X07-083 BK JH Y

Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 1229

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic
date/app. by date/app. by date/app. by

Under slab rough-in plumbing Slab Sheathing/Nailing
date/app. by date/app. by date/app. by

Framing Rough-in plumbing above slab and below wood floor
date/app. by date/app. by

Electrical rough-in Heat & Air Duct Peri. beam (Lintel)
date/app. by date/app. by date/app. by

Permanent power C.O. Final Culvert
date/app. by date/app. by date/app. by

M/H tie downs, blocking, electricity and plumbing Pool
date/app. by date/app. by

Reconnection Pump pole Utility Pole
date/app. by date/app. by date/app. by

M/H Pole Travel Trailer Re-roof
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 0.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00

MISC. FEES \$ 200.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$

FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 300.00

INSPECTORS OFFICE A. Coleman CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County Building Permit Application

CK# 1229

For Office Use Only Application # 0702-48 Date Received 2-16-07 By UH Permit # 1336/25565
Application Approved by - Zoning Official BLK Date 22.02.07 Plans Examiner OK JTH Date 2-22-07
Flood Zone X Pmt Development Permit N/A Zoning RSF/MA-3 Land Use Plan Map Category RES. Med. Dev.

Comments

☒ NOC ☐ EH ☒ Deed or ☒ PA ☐ Site Plan City Sewer ☐ State Road Info ☐ Parent Parcel # ☐ Development Permit Fax

Name Authorized Person Signing Permit WILLIAM L. HARPER Phone 386-623-3873

Address 119 SW HOBBY PL. LAKE CITY, FL 32024

Owners Name Freedom Mobile Home Center Phone 386-752-1452

911 Address 382 SW WHITETAIL CIRCLE LAKE CITY, 32024

Contractors Name WILLIAM L. HARPER Phone 386-623-3873

Address 119 SW HOBBY PL. LAKE CITY, FL. 32024

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address FRED CARDWELL
CHARLES OSTERDAY / LAKE FL.

Mortgage Lenders Name & Address

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number 03-45-16-02732-592 Estimated Cost of Construction \$30,000

Subdivision Name DEER CREEK Lot 72 Block Unit Phase 3

Driving Directions GO US 90 WEST TO HWY 262 B - TURN LEFT GO TO WHITETAIL CIRCLE (DEER CREEK) TURN RIGHT - LOT IS 3RD LOT ON LEFT PAST NUCKLEBERRY COURT

Type of Construction MODULAR Number of Existing Dwellings on Property 0

Total Acreage 0.337 Lot Size 0.337 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 60' Side 15' Side 15' Rear 40'

Total Building Height 15' Number of Stories 1 Heated Floor Area 1720 Roof Pitch 4/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Authorized Person by Notarized Letter

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 16th day of February 2007

Personally known ☒ or Produced Identification

Contractor Signature [Signature]
Contractors License Number RR282811402
Competency Card Number 5616
NOTARY STAMP/SEAL

Notary Signature [Signature]
JEAN MARIE EVANS
MY COMMISSION # DD 605646
EXPIRES: October 10, 2010
Bonded Thru Notary Public Underwriters
(Revised Sept. 2006)

Columbia County Property Appraiser

DB Last Updated: 2/5/2007

Parcel: 03-4S-16-02732-572

2007 Proposed Values
[Tax Record](#) | [Property Card](#) | [Interactive GIS Map](#) | [Print](#)
Owner & Property Info

<< Prev Search Result: 5 of 12 Next >>

Owner's Name	FREEDOM MOBILE HOMES SALES		
Site Address			
Mailing Address	466 SW DEPUTY J DAVIS LANE LAKE CITY, FL 32024		
Use Desc. (code)	VACANT (000000)		
Neighborhood	3416.00	Tax District	2
UD Codes	MKTA06	Market Area	06
Total Land Area	0.337 ACRES		
Description	LOT 72 DEER CREEK S/D PHASE 3 WD 1040-603.		

GIS Aerial**Property & Assessment Values**

Mkt Land Value	cnt: (1)	\$30,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$30,000.00

Just Value	\$30,000.00
Class Value	\$0.00
Assessed Value	\$30,000.00
Exempt Value	\$0.00
Total Taxable Value	\$30,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
3/7/2005	1040/603	WD	V	U	02	\$272,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.337AC)	1.00/1.00/1.00/1.00	\$30,000.00	\$30,000.00

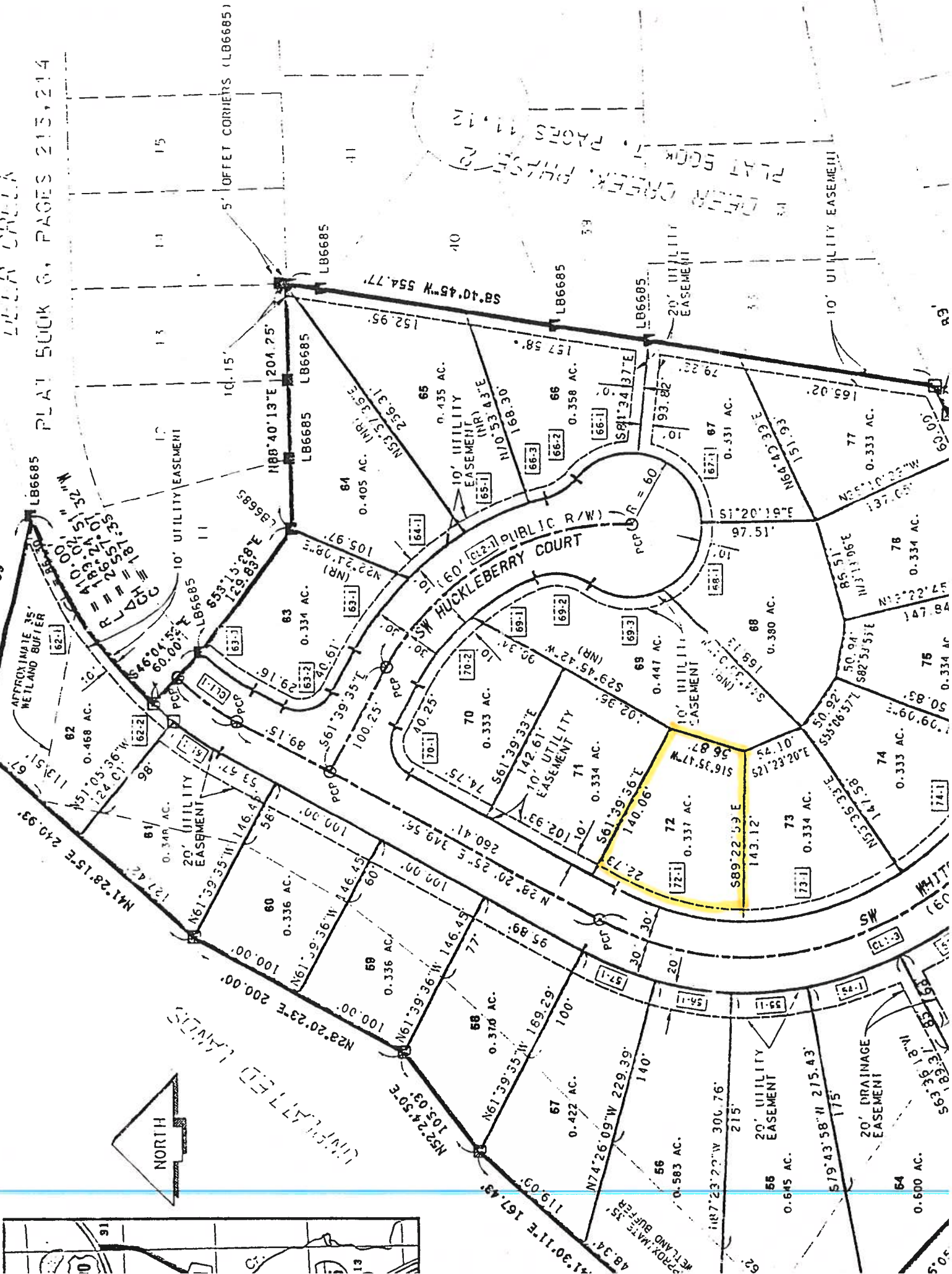
Columbia County Property Appraiser

DB Last Updated: 2/5/2007

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NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

*****THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERK'S OFFICE BEFORE YOUR FIRST INSPECTION.*****

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 03-45-16-02732-572

PERMIT NUMBER _____

1. Description of property: (legal description of the property and street address or 911 address)

Lot 72 Deer Creek S/D Phase 3 WD
1040-603

Inst: 2007004102 Date: 02/20/2007 Time: 14:14

1.9 DC, P. DeWitt Cason, Columbia County B: 1111 P: 736

2. General description of improvement: Putting a modular home on the
property.

3. Owner Name & Address First Coast Mobile Home Sales. 3909 US HWY 90W
Lake City, FL 32055 Interest in Property _____

4. Name & Address of Fee Simple Owner (if other than owner): _____

5. Contractor Name W.L. Harper Construction Inc. Phone Number 386-752-2571
Address 119 S.W. Hobbs Pl. Lake City, FL 32024

6. Surety Holders Name _____ Phone Number _____
Address _____
Amount of Bond _____

7. Lender Name _____ Phone Number _____
Address _____

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 713.13 (1)(a) 7, Florida Statutes:

Name _____ Phone Number _____
Address _____

9. In addition to himself/herself the owner designates _____ of
_____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee _____

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,
(Unless a different date is specified) _____

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Jaron Floyd
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of February 20th, 2007

NOTARY STAMP/SEAL



Signature of Notary



STATE OF FLORIDA
DEPARTMENT OF COMMUNITY AFFAIRS
"Dedicated to making Florida a better place to call home"

JES BUSH
 Governor

THADDEUS L. CONER, ASA
 Secretary

Certification Number: MF-1-68
 Manufacturer: Jacobson Homes
 Address: P. O. Box 368
 Safety Harbor, Florida 34695

Expiration: November 09, 2007

Certified for Manufacturing, Residental Dwellings

This will confirm that Jacobson Homes is certified to manufacture manufactured (modular) buildings, as defined by Rule Chapter 9D-1, FAC, and Chapter 553, Part 1, FS, for location or sale in the State of Florida. The expiration of this certification is limited to authorization specified in the above reference. Each building shall bear a State Insignia located on the electrical panel box cover.

This certification renewal shall be for a period of three years, as indicated above. The manufacturer will receive a renewal notice by E-mail, generated by the Building Code Information System (BCIS) 90 days prior to expiration of this notice. The manufacturer must submit the information required in s. 553.381 FS and Rule Chapter 9D-1 C07 FAC online at www.flgovbuilding.org

If you have questions regarding licensing requirements for site-related permits for installation of manufactured buildings you may contact us, your local building department or the Department of Business and Professional Regulation at (850) 487-1393.

Sincerely,

Michael D. Ashworth

Michael D. Ashworth
 Program Manager
 Manufactured Buildings Program
 Building Codes & Standards
 Phone: 850-922-6079
 FAX: 850-414-8436

cc: NTA

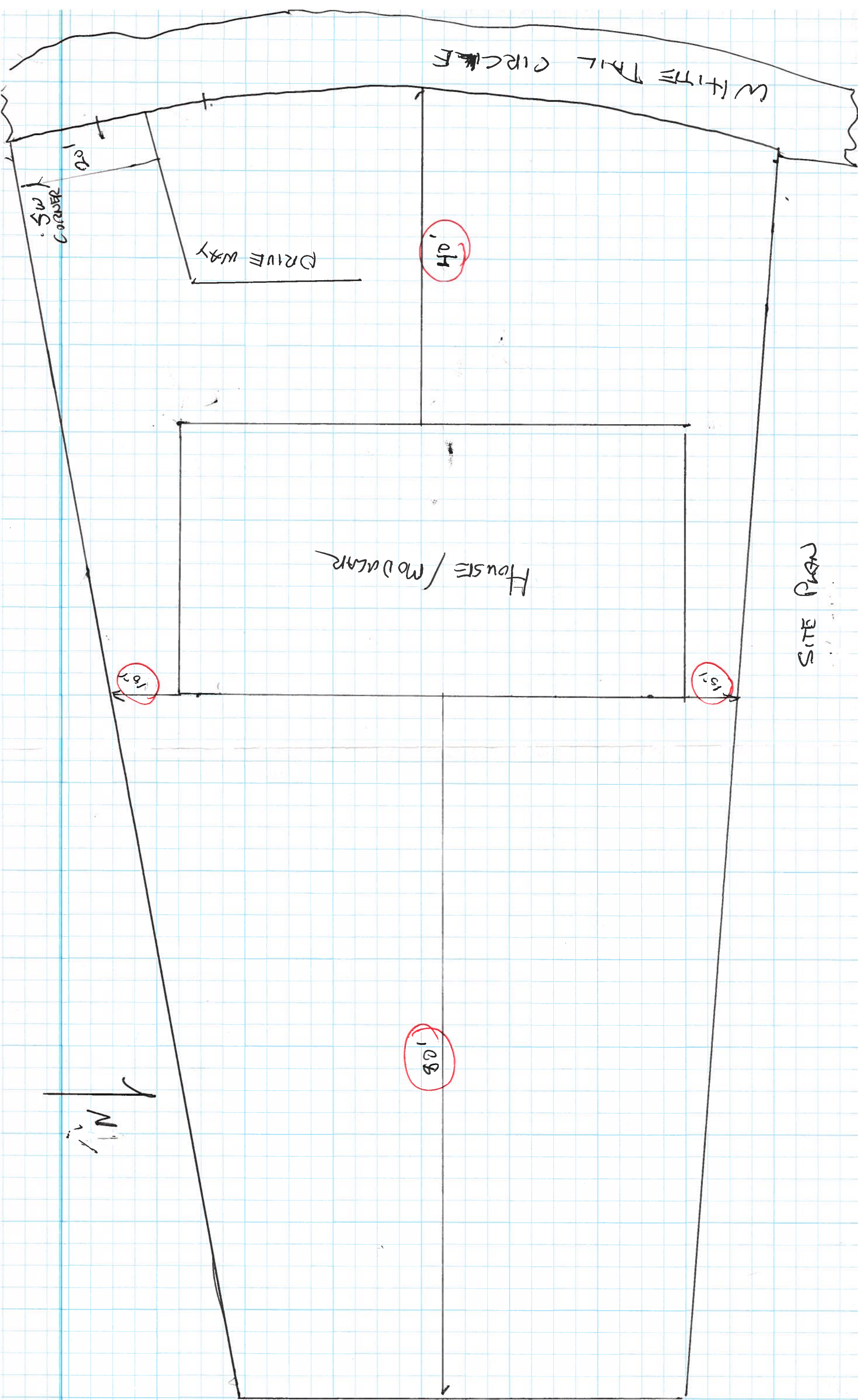
2956 SHUMARD OAK BOULEVARD • TALLAHASSEE FLORIDA 32301-2199
 Phone: 850 487 8488/8489 FAX: 850 921 0751
 Florida Department of Community Affairs

OFFICIAL STATE COMMISSIONER OF COMMUNITY AFFAIRS
 JES BUSH
 GOVERNOR
 11/09/07

COMMUNITY PLANNING
 JES BUSH
 GOVERNOR
 11/09/07

COMMUNITY DEVELOPMENT
 JES BUSH
 GOVERNOR
 11/09/07

OFFICIAL STATE COMMISSIONER OF COMMUNITY AFFAIRS
 JES BUSH
 GOVERNOR
 11/09/07



WHITE TAIL CIRCLE

100'

DRIVE WAY

SW CORNER

HOUSE / MODULAR

SITE PLAN

100'

100'

100'

N

JACOBSEN HOMES

600 Packard Court Safety Harbor, Florida 34695 Phone (727) 726-1138

GENERAL NOTES

ITEMS INSTALLED BY OTHERS (SUBJECT TO LOCAL CODES)

SUPPLY AND PLUMBING WASTE LINES

FOUNDATION BLOCKING AND TIE-DOWNS

FRONT & REAR STEPS AND/OR LANDINGS

ELECTRICAL HOOK UP TO PANEL BOX

FLOOR

PRE-BUILT TRANSPORT CARRIER

FLOOR JOISTS: 2 X 10 SPF #2 @ 16" O.C.

DECOR: 19/32" PLYWOOD OR O.S.B.

FLOOR COVER: TILE/LAM-BATHS & KITCHEN

INSULATION: R-11

DATE

6/2/06

CERT. NO. SMP-015

PLAN NUMBER

MEF-68-MOD-257

APPROVED BY CHARLES A. OSTERDAY, JR.

Charles A. Osterday Jr.
(signature)

DOOR SCHEDULE

(38) = 36" SINKING DOOR	(28) = 28" SINKING DOOR	(53) = 36" SLIDING DOOR	(13) = 08L 36" SLIDING DOORS	(63) = 08L 28" SLIDING DOORS	(73) = 48" B-FOLD DOORS
(32) = 32" SINKING DOOR	(24) = 24" SINKING DOOR	(52) = 28" SLIDING DOOR	(12) = 08L 32" SLIDING DOORS	(62) = 08L 24" SLIDING DOORS	(72) = 60" B-FOLD DOORS
(30) = 30" SINKING DOOR	(18) = 18" SINKING DOOR	(51) = 24" SLIDING DOOR	(11) = 08L 30" SLIDING DOORS	(61) = 08L 18" SLIDING DOORS	(71) = 72" B-FOLD DOORS

WALLS-WINDOWS-DOORS

EXT. STUDS: 2 X 6 SPF #3 @ 16" O.C.	BOTTOM PLATE: 2 X 6 SPF #3	INSULATION: R-19	INT. DOORS: HOLLOW CORE	* ALL GLASS IN DOORS AND WITHIN 24" OF
TOP PLATE: 2 X 6 SPF #3	SHEATHING: 3/8" PLYWOOD OR OSB	EXT. DOORS: /SOLID	WINDOWS: DOUBLE PANE TINTED	DOORS AND IN HALLWAYS WILL BE SAFETY GLAZED

EXTERIOR COVERING AND ROOF

SIDING: CRANE BOARD	DECALS: NTA/DCA	TRUSS: 16" O.C. MONO TRUSSES	INSULATION: R-30	-
BOTTOM TRIM: NONE	SPECIAL: METAL TRIM WINDOWS & DOORS	ROOF DECKING: SHEATHING	TIE DOWNS PER FOUNDATION SPEC.	-
TOP TRIM: NONE	ROOFING: FIBERGLASS SHINGLES	CEILING: 1/2" TEXTURED GYP.	-	-

A/C & HEAT

INSTALLATION: BY OTHERS	TYPE A/C: PACKAGED	TYPE HEAT: SEE ENERGY CALC	R.A. SYSTEM: DUCTED	-
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RESTROOMS

NUMBER OF BATHS: 2	HANDICAP LAV: -	MEDICINE CABINETS: 2	HANDRAILS: -	60" TUB: 1
NUMBER HANDICAP: -	HANDICAP COMMODE: -	MED. CAB. W/LIGHT: -	WATER HEATER: 40 GA. W/PAN	GARDEN TUB
STANDARD LAV: 3	STANDARD COMMODE: 2	MIRRORS: 3	48" SHOWERS: 1	-

MISCELLANEOUS

BASIC WIND SPEED 130 M.P.H. / WIND IMPORTANCE FACTOR 1 / BUILDING CATEGORY 2 / WIND EXPOSURE C / INTERNAL PRESSURE COEFFICIENT +/- 0.18 / WALLS 49.1 - ROOF 23.1

ACCESS BELOW REMOVABLE SWIVEL P-TRAPS / OPTIONAL FACTORY BUILT FIREPLACES INSTALLED IN ACCORDANCE WITH SMC 306.17

CODES: THESE PLANS COMPLY WITH THE LATEST FRC 2004 WITH 2005 SUPPLEMENTS, NEC 2002 / SEALS: FLORIDA

THIS BUILDING IS SUBJECT TO REVIEW AND APPROVAL OF THE FIRE INSPECTOR ON SITE FOR COMPLIANCE WITH CH 633 FIRE SAFETY CODE

THIS BUILDING HAS NOT BEEN DESIGNED OR APPROVED FOR PLACEMENT IN MIAMI-DADE OR BROWARD COUNTIES.

I, FRED S. CARDELL, A REGISTERED ENGINEER, #193407, STATE OF FLORIDA, DOES HEREBY CERTIFY THAT THE DESIGN PLANS OF THIS RESIDENTIAL MANUFACTURED BUILDING HAVE BEEN DESIGNED ONLY FOR ERECTION OR INSTALLATION ON A SITE THAT PERMITS PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE MOVED ONCE SO ERECTED OR INSTALLED.

FRED S. CARDELL, P.E., FLS

5-25-06

PE #5601

NTA

600 CONGRESS AVE. SUITE 200
SAFETY HARBOR, FL 34695
TEL: 727-726-1138

JACOBSEN HOMES

600 Packard Court
Safety Harbor, Florida 34695
(727) 726-1138



LISTING AGENCY APPROVAL

MODEL NO.: MCL-4566-257* (28'-10" X 60')

DWN. BY: D.T.

DATE: 05-19-06

SCALE: N/A

PLAN NO. MOD-257

PAGE NO. 1 OF 10

CONSTRUCTION TYPE: V

OCCUPANCY: R3

ALLOWABLE NO. OF FLOORS: 1

WIND VELOCITY: (FLORIDA BUILDING CODE 2004) 130 MPH

MANUFACTURER: JACOBSEN HOMES

PLANS APPROVED BY:

FIRE RATING EXT. WALLS: 0

PLAN NUMBER: MEF-68-MOD-257

ALLOWABLE FLOOR LOAD: 40 PSF

APPROVAL DATE: JUN 2 2006

** THESE PLANS COMPLY WITH RULE 9B-72 (PRODUCT APPROVAL) / RAISED SEAL SET OF PLANS ARE ON FILE IN THE THIRD PARTY AGENCY'S OFFICE (AS DIRECTED BY DCA)

JACOBSEN HOMES CERTIFIES THAT THIS MANUFACTURED BUILDING HAS BEEN EXCLUDED FROM THE REGULATION BY THE US DEPT. OF HUD.

(M257001)

JACOBSEN HOMES

ELECTRICAL NOTES AND SPECIFICATIONS

FLUORESCENT LIGHT [Symbol] RECESS OR SURFACE MOUNT	INCANDESCENT LIGHT [Symbol] STANDARD POSITIONED RECESSED	FAN/LIGHT COMBO. [Symbol] (100 CFM) 2 SWITCHES	BATH AIR FAN [Symbol] (2062)	WHOLE HOUSE VENT FAN [Symbol] (HV)	RECEPTACLES [Symbol] [Symbol] [Symbol] TYPICAL 120 VOLT TYPICAL 240 VOLT TYPICAL 120 VOLT
JUNCTION BOXES [Symbol] AT EDGE OF FLOOR [Symbol] UNDER MIDDLE OF FLOOR	SMOKE ALARM [Symbol] OPT. TELEPHONE PREP. [Symbol]	THERMOSTAT [Symbol] OPT. TELEVISION PREP. [Symbol]	ELECTRICAL PANEL [Symbol]		SWITCHES [Symbol]

ELECTRICAL SCHEDULE

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)	CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)	CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)
1 - 6(A)	SMALL APPLIANCE	20	12-2	16	ELECTRIC RANGE	40	8-3	21	ELECT. COOK TOP	40	8-3
7(B) - 12(12B)	GENERAL LIGHTING	15	14-2	17	DISHWASHER (SEE NOTE)	15	14-2	22	WALL OVEN	30	10-3
13-13A	GROUND FAULT	15	14-2	18	DISPOSAL (SEE NOTE)	15	14-2	23	HVAC	50	6-3
14/14A	GROUND FAULT	20	12-2	19	LAUNDRY	20	12-2	24			
15 - 15/2	WATER HEATER	20	12-2	20	DRYER	30	10-3	25			

* (A) = GROUND FAULT PROTECTED
BENEFICIAL ARE ARC-FAULT CIRCUIT INTERRUPTER PROTECTED

ELECTRICAL PANEL SIZING

DESCRIPTION	KVA	TOTAL KVA FROM LET =	34.70
GENERAL LIGHTING - 1730 SF AT .003 KVA =	5.19		
3 20 AMP SM. APPLIANCE AT 1500 VA/1000 =	4.50		
RANGE/COOK-TOP @ 40 AMPS X 240/1000 =	9.60		
WALL OVEN @ N/A AMPS X 240/1000 =	0.00		
WATER HEATER @ 19.8 AMPS X 240/1000 =	4.75		
DISHWASHER @ 11.5 AMPS X 240/1000 =	1.38		
DRYER @ 24.17 AMPS X 240/1000 =	5.80		
LAUNDRY (WASHER)-20 AMPS AT 120 VA/1000 =	2.40		
OTHER DISPOSAL AT 9 AMPS X 120/1000 =	1.08		
TOTAL KVA FROM ABOVE =	34.70		
		ENTRANCE PANEL: 200 AMP MAIN BREAKER SINGLE PHASE	
		ENTRANCE CONDUIT: 1 - 2 INCH	
		ADDITIONAL CONDUIT DROPS: 0 - 0 INCH	
		COMBINATION FAN/LIGHTS ON SEPARATE SWITCHES	

ELECTRICAL NOTES

INCANDESCENT AND FLUORESCENT LIGHTS LOCATED IN CLOSETS MUST BE AT LEAST 12 INCHES AND 6 INCHES, RESPECTIVELY BETWEEN THE FUTURE AND THE NEAREST POINT OF A STORAGE SPACE EXTENDING FROM THE CEILING TO THE FLOOR ON ALL SIDES OF THE LIGHT.

ALL CIRCUITS CROSSING OVER MODULE MATING LINE(S) SHALL BE SITE CONNECTED IN APPROVED ACCESSIBLE JUNCTION BOXES.

THE MAIN ELECTRICAL PANEL AND FEEDERS ARE SITE INSTALLED BY OTHERS AND ARE SUBJECT TO LOCAL CODE JURISDICTION.

DISHWASHER & DISPOSAL MAY BE ON (1) 20 AMP. 12-2 CIRCUIT.

I, FRED S. CAROWELL, A REGISTERED ENGINEER, PLUMB, STATE OF FLORIDA, DOES HEREBY CERTIFY THAT THE DESIGN PLANS OF THIS RESIDENTIAL MANUFACTURED BUILDING HAS BEEN DESIGNED ONLY FOR ERECTION OR INSTALLATION ON A SITE WITH PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE BOWED ONCE SO SPECIFIED OR INSTALLED.

FRED S. CAROWELL, P.E. PLS

5-25-86

PE 75601

FEI

500 EQUINE CENTER ROAD
NAPPALEE, INDIANA 46550-0490
PHONE 773-7975
FAX 773-7975

JACOBSEN HOMES

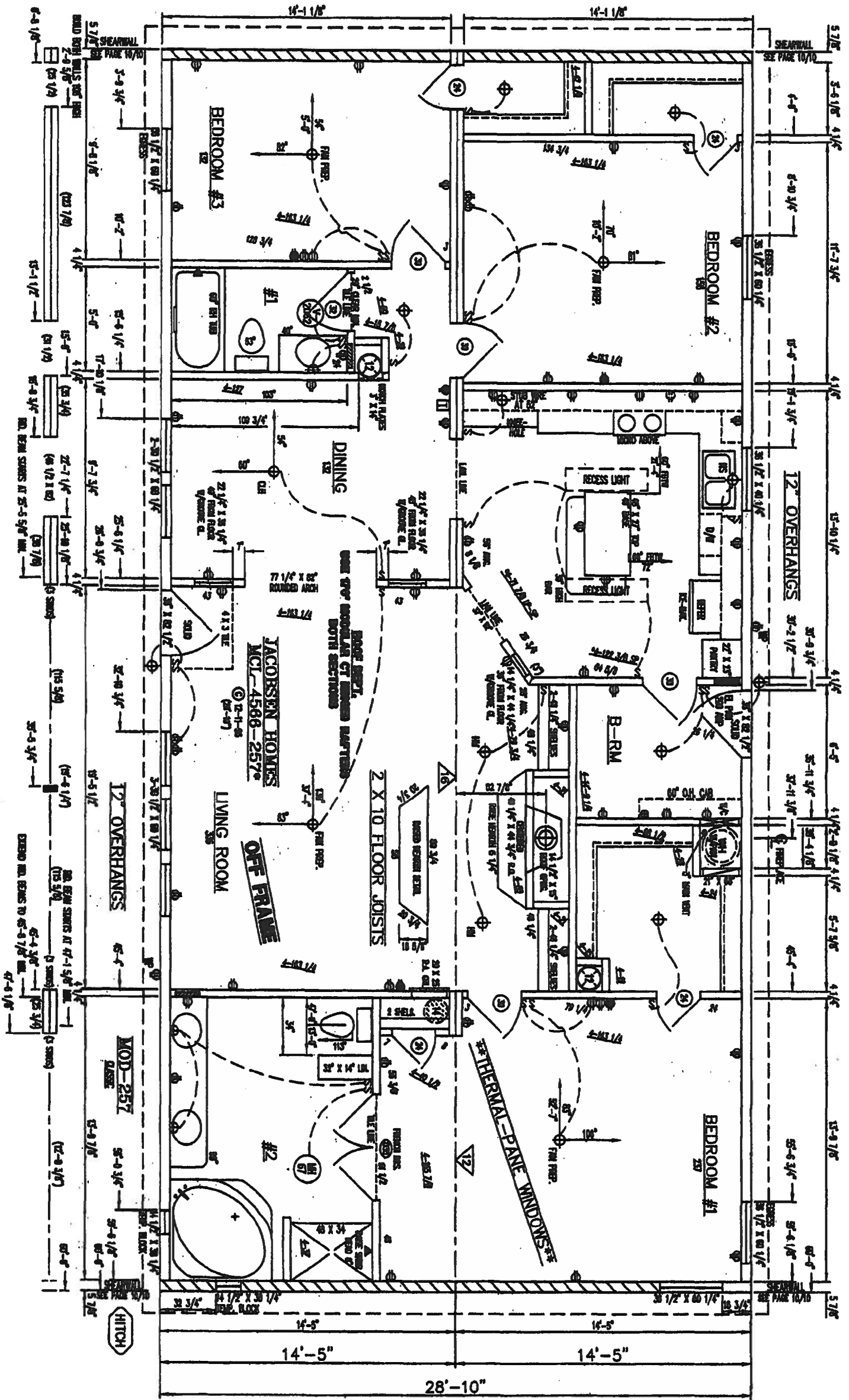
600 Packard Court
Safety Harbor, Florida 34695
(727) 726-1138



LISTING AGENCY APPROVAL

MODEL NO.: MCL-4566-257*	DWN. BY: D.T.	CONSTRUCTION TYPE: V	FIRE RATING EXT. WALLS: 0
THIRD PARTY: NTA Inc. 305 North Oakland Avenue Nappanee, Indiana 46550-0490 (574) 773-7975	DATE: 05-19-06	OCCUPANCY: R3	PLAN NUMBER: MFT-68-MOD-257
	SCALE: N/A	ALLOWABLE NO. OF FLOORS: 1	ALLOWABLE FLOOR LOAD: 40 PSF
	PLAN NO. MOD-257	WIND VELOCITY: (FLORIDA BUILDING CODE 2000) 130 MPH	APPROVAL DATE: JUN 2 2006
REVISION:	PAGE NO. 2 OF 10	MANUFACTURER: JACOBSEN HOMES	PLANS APPROVED BY:

FLOOR PLAN



APPROVED BY

JACOBSEN HOMES

600 Packard Court
Safety Harbor, Florida 34695
(727) 726-1138

NIA INC.

LISTING AGENCY APPROVAL

MODEL NO.: MCL-4566-257 (28'-10" X 60'-0")

DWN. BY: D.T.

CONSTRUCTION TYPE: V

FIRE RATING EXT. WALLS: 0

OCCUPANCY: R3

PLAN NUMBER: MFT-68-MOD-257

ALLOWABLE NO. OF FLOORS: 1

ALLOWABLE FLOOR LOAD: 40 PSF

WIND VELOCITY: (FLORIDA BUILDING CODE 2000) 130 MPH

APPROVAL DATE: JUN 2 2008

MANUFACTURER: JACOBSEN HOMES

PLANS APPROVED BY:

THIRD PARTY:
NTA Inc.
305 North Oakland Avenue
Nappanee, Indiana 46550-0490 (574) 773-7975

REVISION:

PAGE NO. 3 OF 10

I, FRED S. CAROWELL, A REGISTERED ENGINEER, (PROF. STATE OF FLORIDA) DOES HEREBY CERTIFY THAT THE DESIGN PLANS OF THIS RESIDENTIAL MANUFACTURED BUILDING HAVE BEEN DESIGNED ONLY FOR ERECTION OR INSTALLATION ON A SITE BUILT PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE MOVED ONCE SO ERECTED OR INSTALLED.

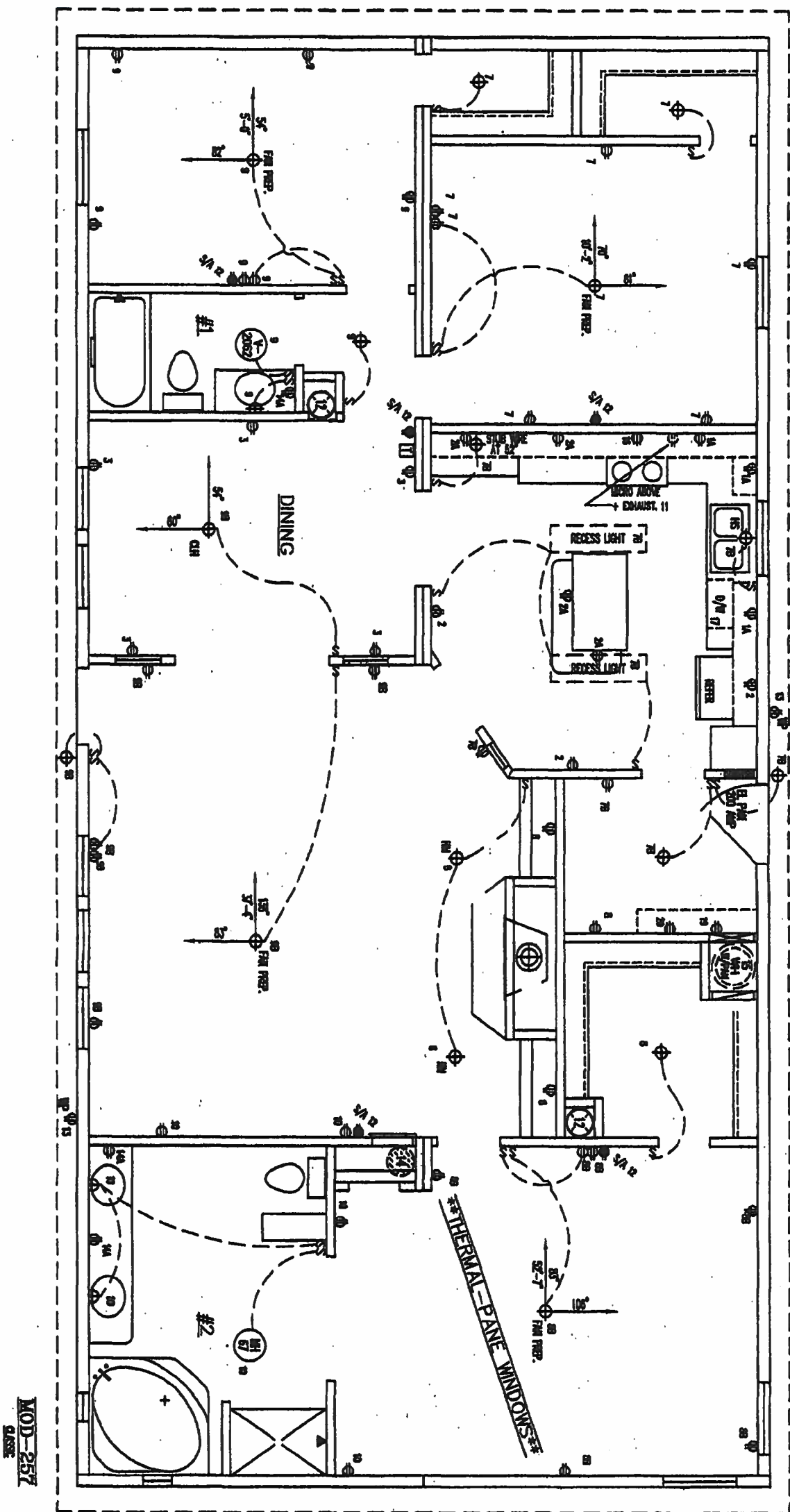
FRED S. CAROWELL, P.E., P.L.S.

5-25-06

PE 45601
PE

8800 SOUTHERN AVE
LARGO, FLORIDA 33043
VOICE: 727-524-1138
FAX: 727-524-1139

ELECTRICAL LAY-OUT



I, FRED S. CARDELL, A REGISTERED ENGINEER, #19407, STATE OF FLORIDA, DOES HEREBY CERTIFY THAT THE DESIGN PLANS OF THIS RESIDENTIAL, MANUFACTURED BUILDING, HAS BEEN DESIGNED ONLY FOR ERECTION OR INSTALLATION ON A SITE BUILT PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE MOVED ONCE SO ERECTED OR REINSTALLED.

FRED S. CARDELL, P.E., PLS

P.E. #15601
F.S.C.

1600 SOUTH BEECHER ROAD
BLDG. A, UNIT 11
LAKE BLANCKEN, FL 33408
PHONE 215-24-1905
FAX 215-24-1291

APPROVED BY

JACOBSEN HOMES

600 Packard Court
Safety Harbor, Florida 34695
(727) 726-1138

NTA INC

LISTING AGENCY APPROVAL

MODEL NO.: MCL-4566-257*

DWN. BY: D.T.

THIRD PARTY:
NTA Inc.

305 North Oakland Avenue
Napanea, Indiana 46550-0490 (574) 773-7975

DATE: 05-19-06

SCALE: 3/16"=1'-0"

PLAN NO. MOD-257

REVISION:

PAGE NO. 4 OF 10

CONSTRUCTION TYPE: V

OCCUPANCY: R3

ALLOWABLE NO. OF FLOORS: 1

WIND VELOCITY: (FLORIDA BUILDING CODE 2004) 130 MPH

MANUFACTURER: JACOBSEN HOMES

PLANS APPROVED BY:

FIRE RATING EXT. WALLS: 0

PLAN NUMBER: MFT-68-MOD-257

ALLOWABLE FLOOR LOAD: 40 PSF

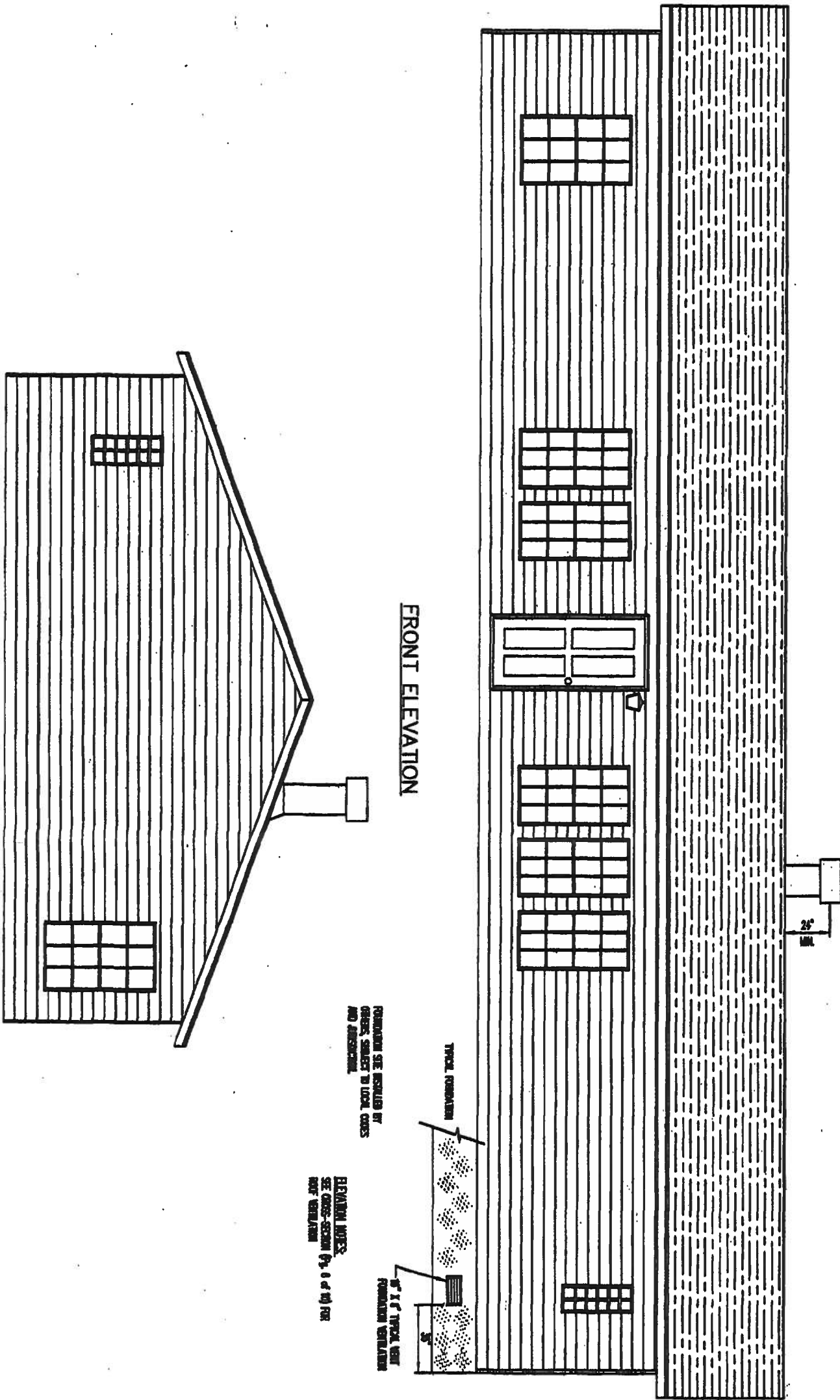
APPROVAL DATE: JUN 2 2008

(M257004)

FRONT AND RIGHT ELEVATION

RIGHT ELEVATION

FRONT ELEVATION



APPROVED BY

JACOBSEN HOMES

600 Packard Court
Safety Harbor, Florida 34695
(727) 726-1138

NIA INC.

LISTING AGENCY APPROVAL

MODEL NO.: MCL-4566-257*

DWN. BY: O.A.

THIRD PARTY:

NTA Inc.

305 North Oakland Avenue

Nappanee, Indiana 46550-0490 (574) 773-7975

DATE: 05-19-06

SCALE: 3/16"=1'-0"

PLAN NO. MOD-257

PAGE NO. 5 OF 10

CONSTRUCTION TYPE:

V

OCCUPANCY:

R3

ALLOWABLE NO. OF FLOORS:

1

WIND VELOCITY: (FLORIDA BUILDING CODE 2004) 130 MPH

MANUFACTURER: JACOBSEN HOMES

PLANS APPROVED BY:

FIRE RATING EXT. WALLS:

0

PLAN NUMBER: MFT-68-MOD-257

ALLOWABLE FLOOR LOAD:

40 PSF

APPROVAL DATE: JUN 2 2006

PE 45607
F.P.P.

FRED S. CARDWELL P.E. PLS

5-16-06

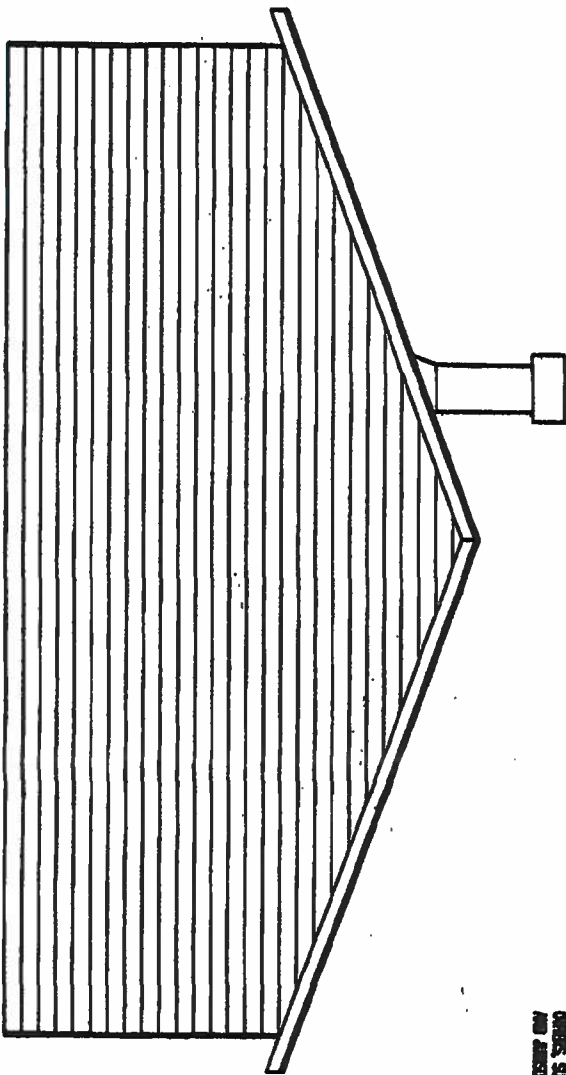
I, FRED S. CARDWELL, A REGISTERED ENGINEER, #19807, STATE OF FLORIDA, DOES HEREBY CERTIFY THAT THE DESIGN PLANS OF THIS RESIDENTIAL MANUFACTURED BUILDING HAS BEEN DESIGNED ONLY FOR ERECTION OR INSTALLATION ON A SITE BUILT PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE MOVED ONCE SO ERECTED OR INSTALLED.

1600 SOUTH BELCHER ROAD
ALCOA, ALABAMA 35951
PHONE 205-341-1285
FAX 205-341-1281

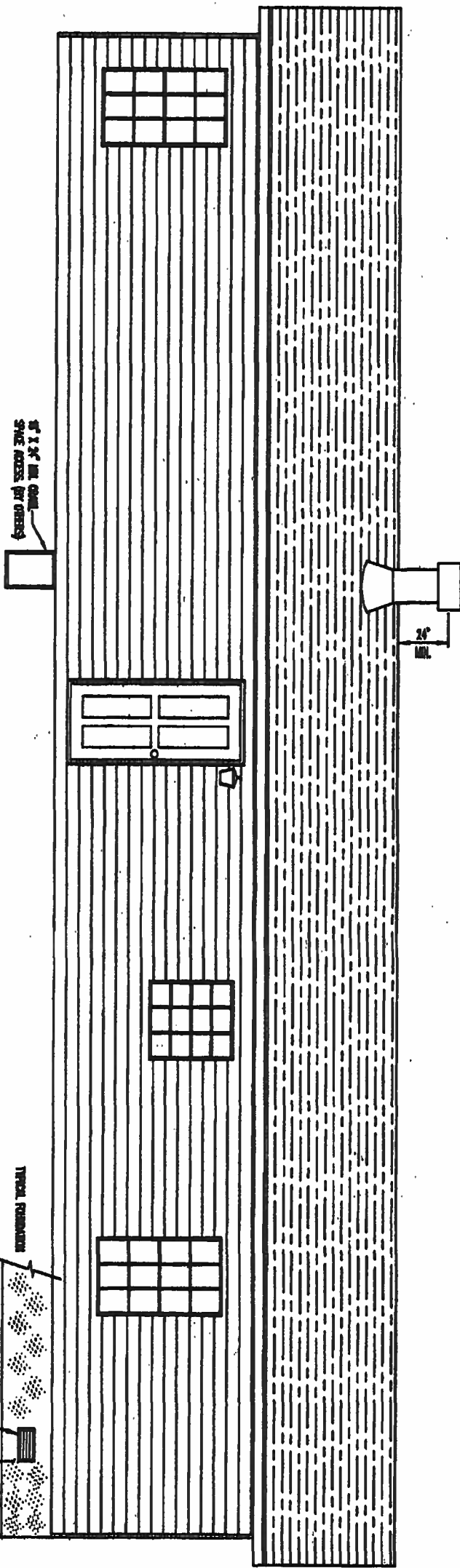
(M257005)

REAR AND LEFT ELEVATION

LEFT ELEVATION



REAR ELEVATION



I, FRED S. CARDWELL, A REGISTERED ENGINEER, #18907, STATE OF FLORIDA, DOES HEREBY CERTIFY THAT THE DESIGN PLANS OF THIS RESIDENTIAL MANUFACTURED BUILDING HAVE BEEN DESIGNED ONLY FOR ERECTION OR INSTALLATION ON A SITE WITH PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE MOVED ONCE SO ERECTED OR INSTALLED.

FRED S. CARDWELL, P.E., P.L.G.

Handwritten signature and date: 5-25-06

P.E. #15601
F.F.E.

1000 SOUTH BEECHER ROAD
ELDERA, FLORIDA 33911
PHONE: 772-324-1291

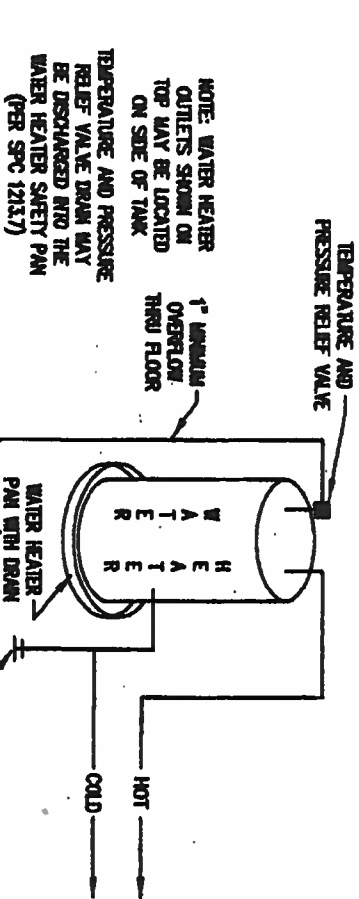
APPROVED BY

JACOBSEN HOMES
600 Packard Court
Safety Harbor, Florida 34695
(727) 726-1138

NTA INC.

LISTING AGENCY APPROVAL

MODEL NO.: MCL-4566-257*	DWN. BY: O.A.	CONSTRUCTION TYPE: V	FIRE RATING EXT. WALLS: 0
THIRD PARTY: NTA Inc. 305 North Oakland Avenue Nappanee, Indiana 46550-0490 (574) 773-7975	DATE: 05-19-06	OCCUPANCY: R3	PLAN NUMBER: MET-68-MOD-257
REVISION:	SCALE: 3/16"=1'-0"	ALLOWABLE NO. OF FLOORS: 1	ALLOWABLE FLOOR LOAD: 40 PSF
	PLAN NO. MOD-257	WIND VELOCITY: (FLORIDA BUILDING CODE 2004) 130 MPH	APPROVAL DATE: JUN 2 2006
	PAGE NO. 6 OF 10	MANUFACTURER: JACOBSEN HOMES	PLANS APPROVED BY: _____



NOTE: WATER HEATER OUTLETS SHOWN ON TOP MAY BE LOCATED ON SIDE OF TANK

TEMPERATURE AND PRESSURE RELIEF VALVE DRAIN MAY BE DISCHARGED INTO THE WATER HEATER SAFETY PAN (PER SPC 1213.7)

1" MINIMUM OVERFLOW THRU FLOOR

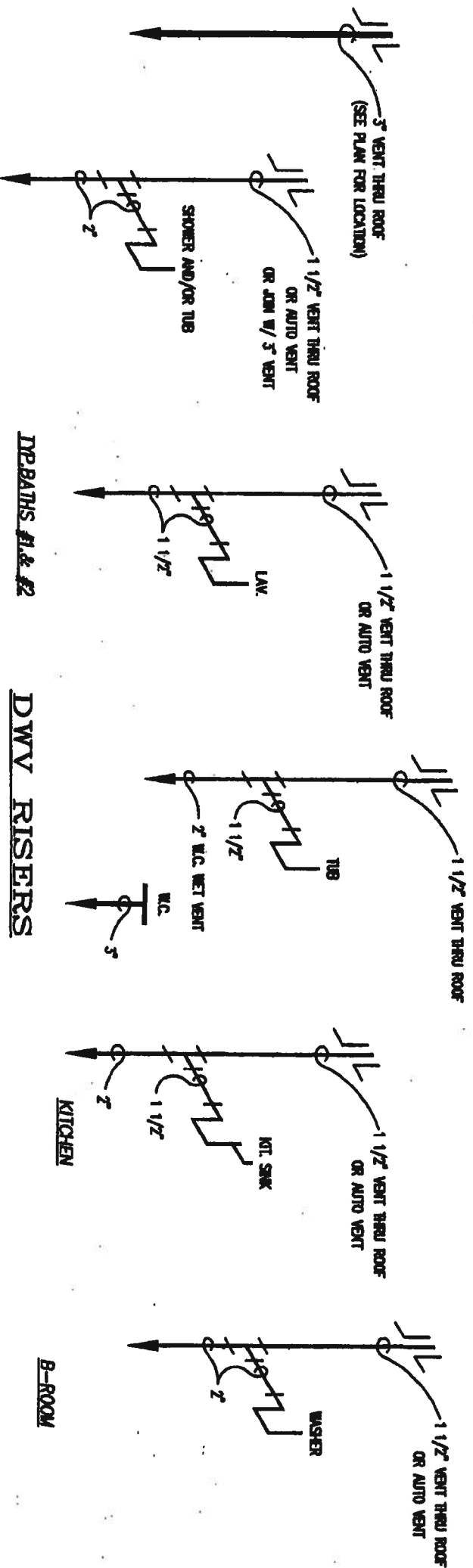
WATER HEATER PAN WITH DRAIN

WATER INLET

WATER HEATER PAN SHALL BE 24 GA. GALV. STEEL (OR EQUIV.) 1 1/2" DEEP MINIMUM, AND OF SUFFICIENT SIZE AND SHAPE TO RECEIVE ALL DRIppINGS OR CONDENSATE FROM THE WATER HEATER AND THE DISCHARGE FROM THE RELIEF VALVE OR VALVES. THE PAN SHALL BE DRAINED BY AN INDIRECT WASTE PIPE NO LESS THAN ONE (1) INCH IN DIAMETER OR THE DIAMETER OF THE OUTLET OF THE REQUIRED RELIEF VALVE(S) WHICHEVER IS LARGER.

WATER HEATER DETAIL

DISTANCE OF FIXTURE TRAP FROM VENT				
SIZE OF FIXTURE DRAIN	SIZE OF TRAP	FALL PER FOOT	DISTANCE FROM TRAP	
1 1/4"	1 1/4"	1/4"	3'-0"	
1 1/2"	1 1/4"	1/4"	5'-0"	
1 1/2"	1 1/2"	1/4"	5'-0"	
2"	1 1/2"	1/4"	8'-0"	
2"	2"	1/4"	6'-0"	
3"	3"	1/8"	10'-0"	
4"	4"	1/8"	12'-0"	



DWV RISES

DWV RISERS

-N/S-

ALL WATER SUPPLY LINES TO BE 3/4"

ALL WATER SUPPLY STUB UPS TO BE 1/2"

NOTE:

CONNECT ALL DROPS TO FPC 2004

AND INSPECTED ON SITE.

PLUMBING DWV RISER LAY-OUT

APPROVED BY

JACOBSEN HOMES

600 Packard Court

Safety Harbor, Florida 34695

(727) 726-1138

NTA INC.

LISTING AGENCY APPROVAL

MODEL NO.: MCL-4566-257*	DWN. BY: D.T.	CONSTRUCTION TYPE: V	FIRE RATING EXT. WALLS: 0
THIRD PARTY: NTA Inc.	DATE: 05-19-06	OCCUPANCY: R3	PLAN NUMBER: MFT-68-MOD-257
305 North Oakland Avenue	SCALE: N/A	ALLOWABLE NO. OF FLOORS: 1	ALLOWABLE FLOOR LOAD: 40 PSF
Nappanee, Indiana 46550-0490 (574) 773-7975	PLAN NO. MOD-257	WIND VELOCITY: (FLORIDA BUILDING CODE 2004) 130 MPH	APPROVAL DATE: JUN 2 2006
REVISION:	PAGE NO. 7 OF 10	MANUFACTURER: JACOBSEN HOMES	PLANS APPROVED BY:

I, FRED S. CARDELL, A REGISTERED ENGINEER, APPROVE THIS STATE OF FLORIDA. DOES HEREBY CERTIFY THAT THE DESIGN PLANS OF THIS RESIDENTIAL MANUFACTURED BUILDING HAVE BEEN REVIEWED AND I AM SURE THAT THE INSTALLATION ON A SITE MEETS ALL REQUIREMENTS FOR ERECTION OR DEMOLITION TO BE WORKED ONCE SO ERECTED OR INSTALLED.

FRED S. CARDELL, P.E. PLS

P.E. #5601

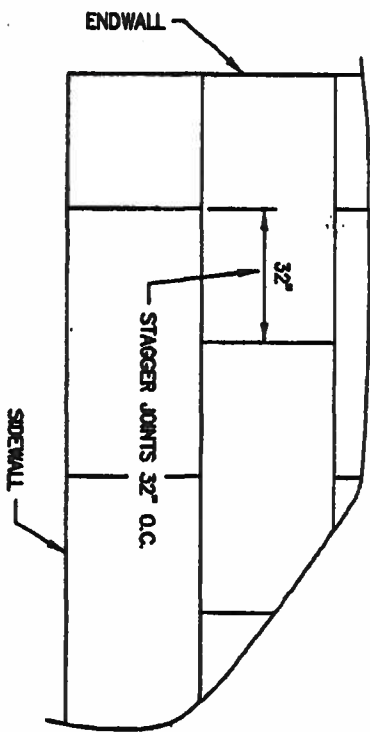
FLORIDA

REGISTERED ENGINEER

EXPIRATION DATE 12/31/06

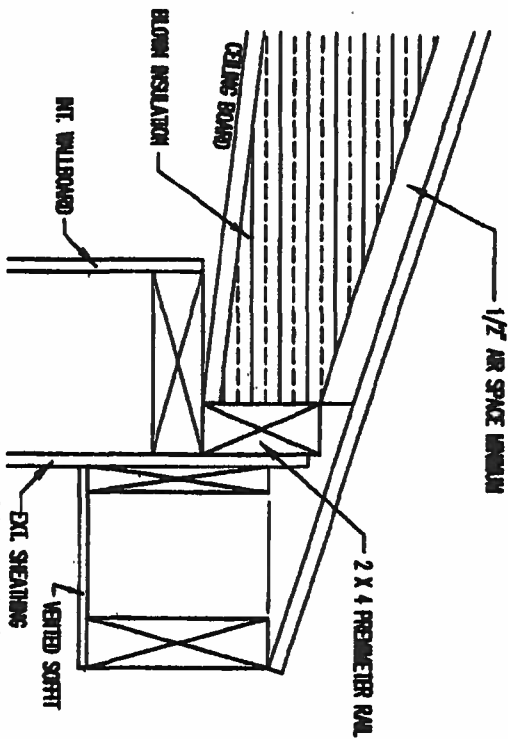
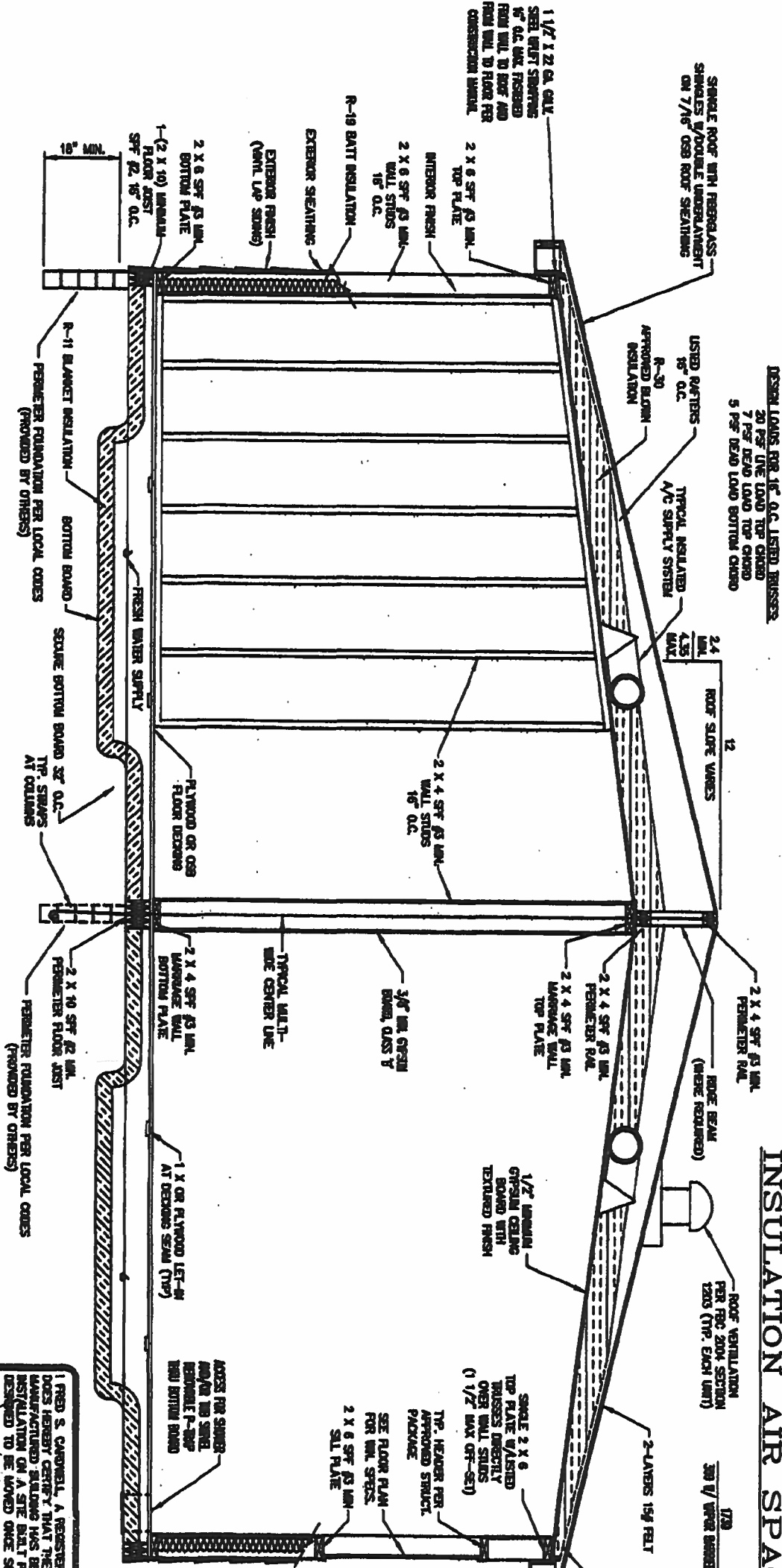
PHONE: 727-521-1234

FAX: 727-521-1234



7/16" OSB ROOF SHEATHING TO BE FASTENED TO TRUSSES WITH 16 GA. STAPLES AT 3" O.C. AT EDGES AND 3" O.C. IN FIELD.
(OR PER CONSTRUCTION PACKAGE)

ROOF SHEATHING DETAIL



INSULATION AIR SPACE DETAIL

DESIGN LOADS FOR 16\"/>

TYPICAL CROSS-SECTION (WITHOUT CHASSIS)

- NOTES:**
- SEE FOUNDATION AND ANCHORING PLAN ENGINEERED BY OTHERS FOR ON SITE INSTALLATION.

1. FRED S. CARDWELL, A REGISTERED ENGINEER, #15607, STATE OF FLORIDA, DOES HEREBY CERTIFY THAT THE DESIGN PLANS OF THIS RESIDENTIAL MANUFACTURED BUILDING HAVE BEEN DESIGNED ONLY FOR ERECTION OR INSTALLATION ON A SITE WITH PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE MOVED ONCE SO ERECTED OR INSTALLED.

Fred S. Cardwell 5-25-06
FRED S. CARDWELL, P.E., PLS

P.E. #15607
FRED S.

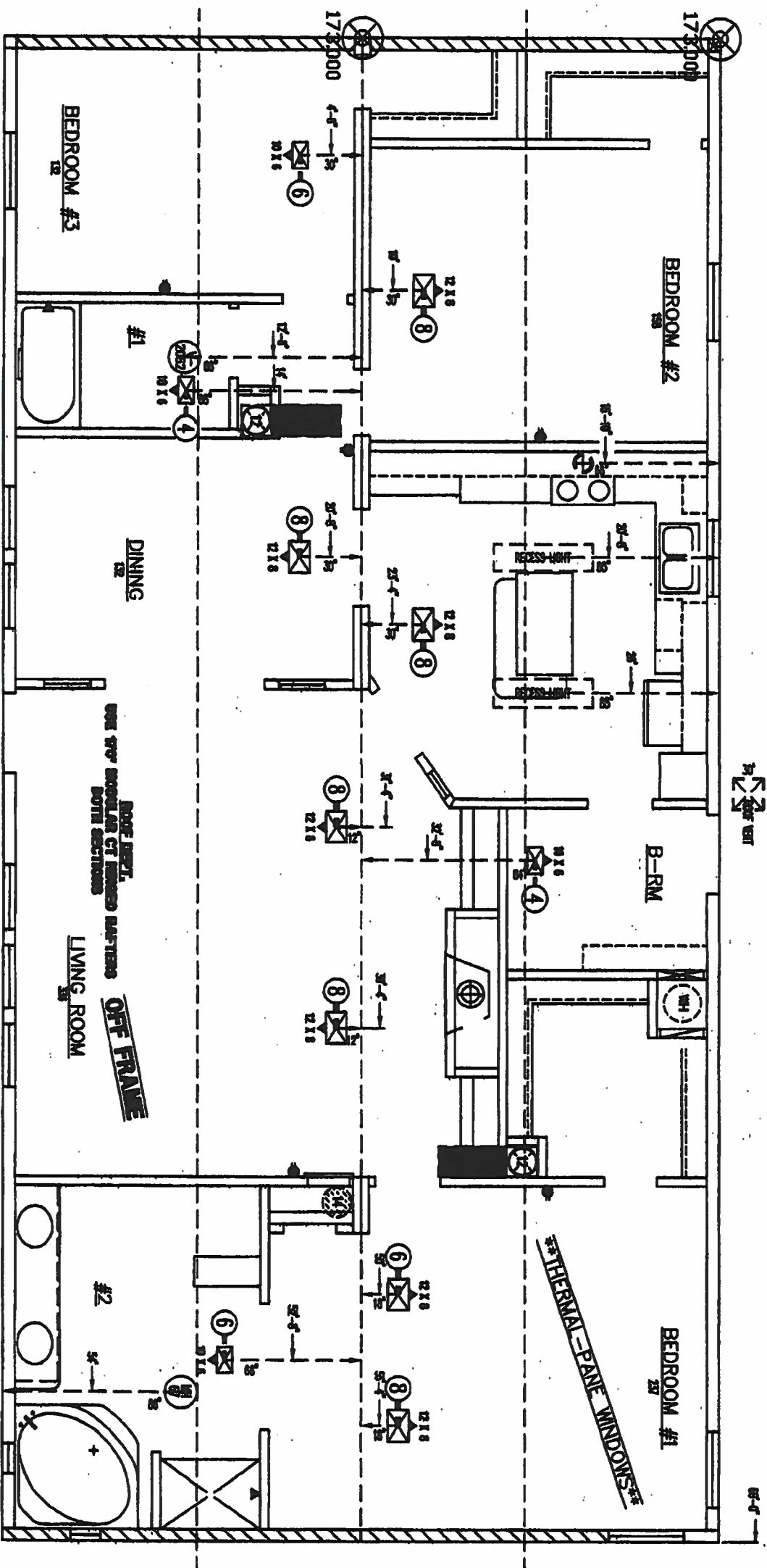
REGISTERED ENGINEER FPO#
FLORIDA 15607
FRED S. CARDWELL
P.O. BOX 1000
TALLAHASSEE, FL 32304-1000
TEL: 904-224-1000
FAX: 904-224-1000

JACOBSEN HOMES
600 Packard Court.
Safety Harbor, Florida 34695
(727) 726-1138

APPROVED BY
NTA

LISTING AGENCY APPROVAL

MODEL NO.: MCL-4566-257*	DWN. BY: D.T.	CONSTRUCTION TYPE: V	FIRE RATING EXT. WALLS: 0
THIRD PARTY: NTA Inc. 305 North Oakland Avenue Nappanee, Indiana 46550-0490 (574) 773-7975	DATE: 05-19-06	OCCUPANCY: R3	PLAN NUMBER: MFT-68-MOD-257
REVISION:	SCALE: N/A	ALLOWABLE NO. OF FLOORS: 1	ALLOWABLE FLOOR LOAD: 40 PSF
	PLAN NO. MOD-257	WIND VELOCITY: (FLORIDA BUILDING CODE 2004) 130 MPH	APPROVAL DATE: JUL 2 2006
	PAGE NO. 8 OF 10	MANUFACTURER: JACOBSEN HOMES	PLANS APPROVED BY:



4" DUCT: 174
6" DUCT: 639
8" DUCT: 1286

OVERHEAD DUCT LAYOUT JACOBSEN HOMES MOD-257
THIS DRAWING IS NOT PLOTTED TO SCALE CL-4566-257*

ALL DUCTS TO HAVE R-6 MIN. RATING

HVAC PLAN

I, FRED S. CARPUELL, A REGISTERED ENGINEER, FLS007, STATE OF FLORIDA, DOES HEREBY CERTIFY THAT THE DESIGN PLANS OF THIS RESIDENTIAL MANUFACTURED BUILDING HAS BEEN REVIEWED ONLY FOR COMPLETION OR INSTALLATION ON A SITE WITH PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE LIVED ONCE SO ERECTED OR INSTALLED.

FRED S. CARPUELL, P.E., PLS
5-25-06

P.E. #15607
F.S.C.

REGISTERED ENGINEER FLS007
LICENSED IN FLORIDA WITH
EXPIRATION DATE 12-31-2008
FAX: 771-534-1000

APPROVED BY

JACOBSEN HOMES
600 Packard Court
Safety Harbor, Florida 34695
(727) 726-1138

NTA INC

LISTING AGENCY APPROVAL

MODEL NO.: MCL-4566-257*

DWN. BY: D.T.

DATE: 05-19-06

SCALE: 3/16" = 1'-0"

PLAN NO. MOD-257

REVISION:

PAGE NO. 9 OF 10

CONSTRUCTION TYPE: V

OCCUPANCY: R3

ALLOWABLE NO. OF FLOORS: 1

WIND VELOCITY: (FLORIDA BUILDING CODE 2004) 130 MPH

MANUFACTURER: JACOBSEN HOMES

PLANS APPROVED BY:

FIRE RATING EXT. WALLS: 0

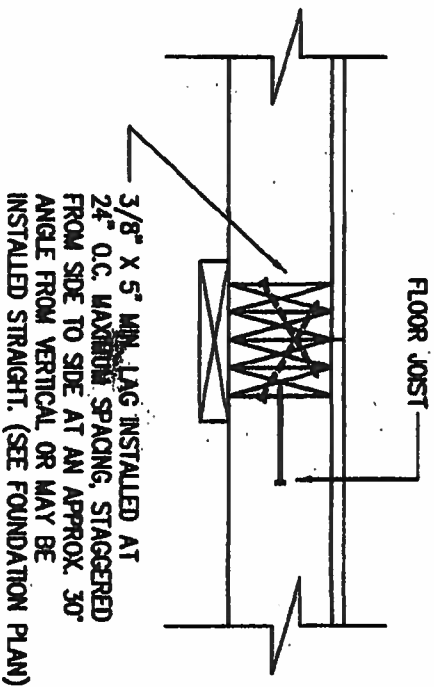
PLAN NUMBER: MFT-68-MOD-257

ALLOWABLE FLOOR LOAD: 40 PSF

APPROVAL DATE: JUN 2 2006

(M257009)

FLOOR CONNECTION BETWEEN SECTIONS



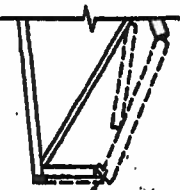
3/8" (O.S.B. OR PLYWOOD) SHEATHING FASTENED TO SHEARWALL AND SIDEWALL W/ MIN. 15 GA. 7/16" X 1 1/2" STAPLES 3" O.C. AT EDGES AND IN FIELD. SHEATHING ALSO FASTENED TO RAFTER W/ MIN. 15 GA. 7/16" X 1 1/2" STAPLES 3" O.C. TO ALL RAFTER MEMBERS

CENTER LINE WALL CONNECTIONS W/ MIN. 16d NAILS 6" O.C.

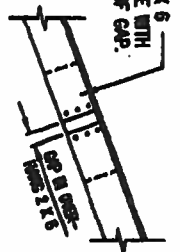
RAFTER FASTENED TO SHEARWALL W/ MIN. #8 X 4 1/2" SCREW 4" O.C. WITH 1 1/8" MIN. PENETRATION

SHEARWALL FASTENED TO FLOOR W/ MIN. .131 X 3 1/2" NAILS 3" O.C.

SHEARWALL DETAILS



ATTACH 2 X 6 X 8" BLOCK BEHIND 2 X 6 OVERLAP FASCIA BOARDS AND SECURE WITH 3-8 X 3" WOOD SCREWS EACH SIDE OF GAP.



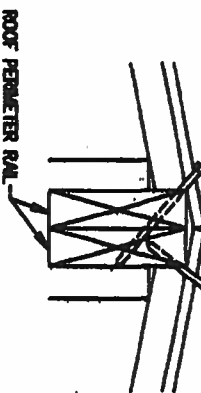
3/8" MIN. RATED SHEATHING FASTENED TO ROOF TRUSS WITH 7/16" X 1 1/2" X 16 GA. MIN. STAPLES 1 1/4" O.C. AT PANEL EDGES AND 3" O.C. AT ALL RAFTER MEMBERS. (NO GLE REQUIRED)

PLATE RAFTER HALF ONTO THIS DIAGONAL

HINGED ROOF DETAILS

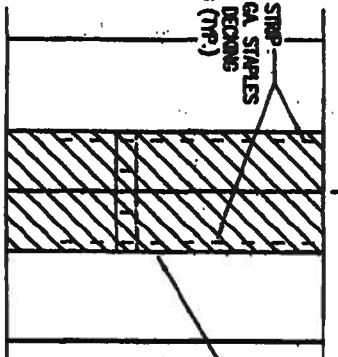
INSTALL SCREWS PER WALL INSTALL ROOF.

LAG SCREW SET BACKS
INSTALL LAG SCREWS AT A 45° ANGLE
3/8" X 5" LAG SCREWS (2 1/4" SMOOTH SHANK) 18" O.C. (ZONES 2 & 3) (EXP. C OR D) STAGGERED



CENTER LINE OR RATING LINE OF TRIPLE WIDE UNITS

22 GA. GALV. STEEL STRIP SECURED WITH 7/16" X 15 GA. STAPLES FULL PENETRATION INTO DECKING 2" O.C. MAX. SPACING (TYP.)



22 GA. GALV. STEEL STRIP 8" X LENGTH OF ROOF (SECTIONS MAY BE OVERLAPPED 2" MIN.) W/ STAPLES AS SHOWN. INSTALL ROOF CAP PER SET-UP MAN. OVER GAL. STRIP. (30 GA. GALV. STRIPS USED MAY BE WIND DEFLECTIONS REMOVED FROM ROOF IN ORIGINAL CONDITION, EXCEPT FOR STAPLE HOLES.)

ROOF CONNECTION BETWEEN SECTIONS

TOP VIEW

I, FRED S. CAROWELL, A REGISTERED ENGINEER, GISWQ, STATE OF FLORIDA, DOES HEREBY CERTIFY THAT THE DESIGN PLANS OF THIS RESIDENTIAL MANUFACTURED BUILDING HAS BEEN DESIGNED ONLY FOR DETENTION OR INSTALLATION ON A SITE MEET PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE MOVED ONCE SO ERECTED OR INSTALLED.

Fred S. Carowell 5-25-06
FRED S. CAROWELL, P.E., P.E.
PE 45601
P.E.

JACOBSEN HOMES
600 Packard Court
Safety Harbor, Florida 34895
(727) 726-1138

APPROVED BY



LISTING AGENCY APPROVAL

JACOBSEN HOMES		CONSTRUCTION TYPE: V		FIRE RATING EXT. WALLS: 0	
600 Packard Court Safety Harbor, Florida 34895 (727) 726-1138		OCCUPANCY: R3		PLAN NUMBER: MFT-68-MOD-257	
MODEL NO.: MCL-4566-257*		ALLOWABLE NO. OF FLOORS: 1		ALLOWABLE FLOOR LOAD: 40' PSF	
THIRD PARTY: NTA Inc. 305 North Oakland Avenue Nappanee, Indiana 46550-0490 (574) 773-7975		WIND VELOCITY: (FLORIDA BUILDING CODE 2004) 130 MPH		APPROVAL DATE: JUN 2 2006	
REVISION:		MANUFACTURER: JACOBSEN HOMES		PLANS APPROVED BY:	
DWN. BY: D.T.		PLAN NO. MOD-257		PAGE NO. 10 OF 10	
DATE: 05-19-06		SCALE: N/A			

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION
Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	MOD-257	Builder:	JACOBSEN HOMES
Address:	136 SW DEPUTY J DAVIS LANE	Permitting Office:	COLUMBIA COUNTY
City, State:	LAKE CITY, FL 32024	Permit Number:	
Owner:	CORBETTS MH SALES	Jurisdiction Number:	221200
Climate Zone:	North		

1. New construction or existing	Single family	1	a. PTAC and Room Unit	Cap: 28.0 kBtu/hr	EEER: 13.00
2. Single family or multi-family	Single family	1			
3. Number of units, if multi-family		3			
4. Number of Bedrooms		3			
5. Is this a worst case?		Yes			
6. Conditioned floor area (ft²)		1730 ft²			
7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)					
a. U-factor:					
b. SHGC:					
(or Single or Double DEFAULT) 7a. (Dblc, U=0.3) 79.1 ft²					
(or Clear or Tint DEFAULT) 7b. (Clear) 142.9 ft²					
8. Floor types					
a. Raised Wood, Stem Wall					
b. N/A					
c. N/A					
9. Wall types					
a. Frame, Wood, Exterior					
b. N/A					
c. N/A					
10. Ceiling types					
a. Under Attic					
b. N/A					
c. N/A					
11. Ducts					
a. Sup: Unc. Ret Unc. AH: Interior					
b. N/A					
12. Cooling systems					
a. PTAC and Room Unit					
b. N/A					
c. N/A					
13. Heating systems					
a. Electric Strip					
b. N/A					
c. N/A					
14. Hot water systems					
a. Electric Resistance					
b. N/A					
c. N/A					
15. HVAC credits					
(HR-Heat recovery, Solar					
DHP-Dedicated heat pump)					
(CF-Ceiling fan, CV-Cross ventilation,					
HR-Whole house fan,					
PT-Programmable Thermostat,					
MZ-C-Multizone cooling,					
MZ-H-Multizone heating)					

APPROVED BY
NTH INC.
JUN 2 2008
Cap: 40.0 gallons
EF: 0.93
COP: 1.00
EER: 13.00
EEER: 13.00

Glass/Floor Area: 0.08
Total as-built points: 24707
Total base points: 25624
PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.
PREPARED BY: *[Signature]*
DATE: 5-25-06
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.
OWNER/AGENT: *[Signature]*
DATE: 5-25-06

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 284.
EnergyGauge® (Version: FLRCSB v4.0)



Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.
BUILDING OFFICIAL: *[Signature]*
DATE: 6/2/06
SMP-015

Plan # MT-68-MDD-257

Summary Energy Code Results
Residential Whole Building Performance Method A

CORBETTS MH SALES
136 SW DEPUTY J DAVIS LANE
LAKE CITY, FL 32024-

Project Title:
MOD-257

Class 3 Rating
Registration No. 0
Climate: North

5/25/06

Building Loads			
Base		As-Built	
Summer:	22282 points	Summer:	23518 points
Winter:	13091 points	Winter:	8492 points
Hot Water:	7273 points	Hot Water:	7273 points
Total:	42646 points	Total:	39282 points

Energy Use			
Base		As-Built	
Cooling:	9506 points	Cooling:	7018 points
Heating:	8213 points	Heating:	9869 points
Hot Water:	7905 points	Hot Water:	7820 points
Total:	25624 points	Total:	24707 points

PASS
e-Ratio: 0.96

APPROVED BY



JUN 2 2006

INC.

APPLICATION ENGINEERING
FOR HEATING AND COOLING

JACOBSEN HOMES
901 4th St North
Safety Harbor, FL 34695

Manufacturer's Model #: MCL-4566-267
HVAC System Type: OVERHEAD RADIAL FLEX FOR EXT PACKAGE H/P

Prepared By: Leslie-Air Systems 06/23/06 (Method & Output 2006)
All rights reserved. This information proprietary to Leslie Airtel Co. & clients.
Calculations on this page are based on design parameters set forth in ASHRAE and ACCA Manuals J and D. Design calculations are based on worst case orientation. Room loads may vary based on actual conditions.

ENTIRE HOUSE VALUES - DESIGN ZONE: Columbia, FL- DCA

COOLING LOAD: 23,891 BTUH based on outside temp of 84°F with inside temp reduced to 78°F.
HEATING LOAD: 38,487 BTUH based on outside temp of 17°F with inside temp raised to 70°F.

CONSTRUCTION DETAILS & U FACTORS (11-19-30)

OVERALL HOME SIZE:	60.00 X 28.83	TOTAL FLOOR AREA:	1,730.00 S.F.
AVG CEILING HEIGHT:	98.00 IN.	ROOF:	0.036
TRUE OUTSIDE PERIMETER:	177.47 FT	WALLS:	0.061
NET WALL AREA:	1,336.88 S.F.	FLOOR:	0.088
TOTAL WINDOW AREA:	139.59 S.F.	WINDOW1:	0.360
TOTAL WINDOW AREA:	0.00 S.F.	WINDOW2:	0.480
WINDOW, % of Floor:	8.08%	DOORS:	0.460
TOTAL DOOR AREA:	49.28 S.F.	LAT. GAIN:	2388.8

SUN/WIN INFL.: 82.5/208.9 CFM	DUCT GAIN/LOSS: 2849.8/4343.2
PEOPLE:	4
EXT DUCT AREA:	180.6 S.F.
CLG DUCT AREA:	82.5 S.F.
EXTERNAL DUCTS:	0.167
CEILING DUCTS:	0.167
FLOOR DUCTS:	0.000

ROOM BY ROOM VALUES

Heat Loss, heat gain and CFM requirements based on cooling equipment design standards.

Duct design values when connected to standard residential equipment.

Calibrated Blower Test @ .30 in. W.C.

ROOM NAME	HEATING	COOLING	CFM
Kitchen	3,474	2,088	68
Living Room	8,380	5,191	162
Bedroom #1	8,488	4,378	137
Bath #2	3,481	1,868	58
H.I.C.	1,878	728	23
BONUS	2,382	825	26
Bedroom #2	4,587	2,826	88
Bedroom #3	3,816	2,897	81
BATH #1	1,200	484	14
DINING ROOM	2,888	3,026	95
TOTALS:	38,487	23,891	759

ROOM NAME	HEATING	COOLING	CFM
Kitchen	5,340	178	178
Living Room	8,620	284	284
Bedroom #1	9,518	317	317
Bath #2	2,040	68	68
H.I.C.	0	0	0
BONUS	1,770	68	68
Bedroom #2	4,710	167	167
Bedroom #3	3,120	104	104
BATH #1	1,350	45	45
DINING ROOM	5,850	185	185
TOTALS:	41,810	1,387	1,387

ROOM NAME	HEATING	COOLING	CFM
Kitchen	188	188	188
Living Room	321	321	321
Bedroom #1	11,800	11,800	11,800
Bath #2	2,800	2,800	2,800
H.I.C.	0	0	0
BONUS	2,500	2,500	2,500
Bedroom #2	8,667	8,667	8,667
Bedroom #3	4,200	4,200	4,200
BATH #1	1,800	1,800	1,800
DINING ROOM	8,700	8,700	8,700
TOTALS:	51,793	1,552	51,793

Failure to install heating or cooling equipment that produces the Total Design CFM for this house may result in an unbalanced duct system.

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DUCT AIR FLOW AND SIZING WORKSHEET (MANUAL D)

Manufacturer: JACOBSEN HOMES
901 4th Street N.
Safety Harbor, FL

Model #: MCL-4566-257
System Type: Overhead Radial Flex for Ext Packages
Design Zone: FL-North

Prepared by LaSalle Air System 05/23/2006
All rights reserved. This information proprietary to LaSalle Bristol Co. and clients.
Calculations include factors for duct air temperature change and pressure drops through ducts. All joints are tightly fitted or sealed.

35486 bluh Total Heat Loss
Blower CFM 922 @ 0.6 E.S.P.
TEL= 325
FR= 0.089 (A/C Coil Included)

ROOM-BY-ROOM ANALYSIS
Trunk Metal Flex Bends/ Total Eq. Heat Cool Heat Cool Heat Cool Heat
Duct (ft) Duct (ft) Fittings (ft) Length Bluh Bluh cfm cfm cfm cfm cfm cfm
Final Final
Size Round Velocity Size Round Velocity
User Input

M. BEDROOM	1	28	160	186	5495	4376	48	81	81	5.41	0	6.0	412.9
M. BEDROOM	1	33	170	203			48	83	83	5.57	0	8.0	236.8
M. BATH	2	70	180	280	3481	1868	65	78	78	5.77	0	6.0	397.1
LIVING ROOM	2	48	170	218	6390	5191	58	102	102	6.22	0	8.0	291.5
KITCHEN	1	44	170	214	3474	2095	63	81	81	6.60	0	6.0	232.9
DINING ROOM	2	38	160	198	2965	3026	53	115	115	6.42	0	8.0	330.7
BATH #1	2	36	160	196	1200	464	21	18	21	2.76	0	4.0	244.6
BEDROOM #2	1	57	170	227	4397	2825	81	113	113	6.58	0	8.0	324.7
BEDROOM #3	2	43	160	203	3816	2597	68	100	100	6.08	0	6.0	510.8
BONUS ROOM	1	34	160	194	2392	825	42	31	42	4.00	0	4.0	486.2
W.L.C.					1876	725							

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TRUNK #1	20	95	115	15426	10429	401	9.31	0	12.0	510.3
TRUNK #2	30	95	125	20060	13563	521	10.33	0	12.0	663.6
TRUNK #3				0	0	0				
TRUNK #4				0	0	0				
TRUNK #5				0	0	0				
LONGEST	15	50	65			822	13.71	19	19	20.8
RETURN DUCT										367.6
				35486	23992	608	907	822		

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: 136 SW DEPUTY J DAVIS LANE, LAKE CITY, FL, 32024
PERMIT #:

BASE										AS-BUILT									
GLASS TYPES										Overhang									
.18 X Conditioned X BSPM = Points										Type/SC Omt Len Hgt Area X SPM X SOF = Points									
Floor Area																			
.18	1730.0	20.04	6240.5							SW	0.8	6.1	30.5	42.86	0.99	1287.4	404.5	435.8	107.8
Double,U=0.35,Clear				SW	0.8	4.0	10.2	42.86	0.93	SW	0.8	4.0	10.2	42.86	0.93	404.5	435.8	107.8	119.7
Double,U=0.35,Clear				NW	1.1	7.8	15.3	28.87	0.99	NW	1.1	7.8	15.3	28.87	0.99	435.8	107.8	119.7	119.7
Double,U=0.35,Clear				NW	1.1	5.5	3.9	28.87	0.96	NW	1.1	5.5	3.9	28.87	0.96	107.8	107.8	119.7	119.7
Double,U=0.35,Clear				NE	0.8	4.0	3.9	32.37	0.95	NE	0.8	4.0	3.9	32.37	0.95	119.7	119.7	119.7	119.7
Double,U=0.35,Clear				NE	0.8	6.1	79.1	32.37	0.99	NE	0.8	6.1	79.1	32.37	0.99	2528.4	2528.4	2528.4	2528.4
										As-Built Total:									
										142.9									
										R-Value Area X SPM = Points									
WALL TYPES										Type									
Area X BSPM = Points										Area X SPM = Points									
Adjacent	0.0	0.00	0.0							Frame, Wood, Exterior									
Exterior	1189.7	1.70	2022.5							19.0 1189.7 0.90									
										As-Built Total:									
										1189.7									
Base Total:										1070.7									
DOOR TYPES										Type									
Area X BSPM = Points										Area X SPM = Points									
Adjacent	0.0	0.00	0.0																
Exterior	1189.7	1.70	2022.5							1070.7									
										As-Built Total:									
										1189.7									
Base Total:										1070.7									
CEILING TYPES										Type									
Area X BSPM = Points										R-Value Area X SPM X SCM = Points									
Adjacent	0.0	0.00	0.0																
Exterior	43.5	6.10	265.6							43.5 4.10									
										As-Built Total:									
										43.5									
Base Total:										178.6									
Under Attic																			
1730.0	1.73	2992.9								Under Attic									
										As-Built Total:									
										30.0 1739.0 1.73 X 1.00									
Base Total:										3008.5									
FLOOR TYPES										Type									
Area X BSPM = Points										R-Value Area X SPM = Points									
Slab	0.0(p)	0.0	0.0																
Raised	1730.0	-3.99	-6902.7							Raised Wood, Stem Wall									
										11.0 1730.0 -1.90									
Base Total:										-3287.0									
INFILTRATION										Area X SPM = Points									
Area X BSPM = Points										Area X SPM = Points									
																1730.0 10.21			
																17663.3			

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EnergyGauge®/FlaRES2004 FLRCSB v4.0
NTH INC.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 136 SW DEPUTY J DAVIS LANE, LAKE CITY, FL, 32024-
PERMIT #:

BASE	Summer Base Points: 22282.0	Total Summer X System = Cooling Points	
AS-BUILT	Summer As-Built Points: 23517.6	Total X Cap X Duct X System X Credit = Cooling Points	(System - Points) (DM x DSM x AHU)
			(eye 1: PTAC and Room Unit 28000 btuh, SEER/EFF(13.0) Duct:Unc(s),Unc(R),Int(AH),RE.0QNS)
			23518 1.00 (1.09 x 1.147 x 0.91) 0.262 1.000 7018.3
			23517.6 1.00 1.138 0.262 1.000 7018.3

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WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 136 SW DEPUTY J DAVIS LANE, LAKE CITY, FL, 32024-

PERMIT #:

BASE										AS-BUILT																													
GLASS TYPES										Type/SC																													
.18 X Conditioned X BWPM = Points										Overhang																													
Floor Area										Omt Len Hgt Area X WPM X WOF = Points																													
.18	1730.0	12.74	3967.2	Double,U=0.35,Clear						SW	0.8	6.1	30.5	1.35	1.01	41.8	14.4	132.7	33.9																				
				Double,U=0.35,Clear						SW	0.8	4.0	10.2	1.35	1.04	14.4																							
				Double,U=0.35,Clear						NW	1.1	7.8	15.3	8.68	1.00	132.7																							
				Double,U=0.35,Clear						NW	1.1	5.5	3.9	8.68	1.00	33.9																							
				Double,U=0.35,Clear						NE	0.8	4.0	3.9	8.02	1.00	31.4																							
				Double,U=0.35,Clear						NE	0.8	6.1	79.1	8.02	1.00	634.1																							
As-Built Total:										142.9																													
WALL TYPES										Type																													
Area X BWPM = Points										R-Value																													
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior						19.0	1189.7	2.20	2617.3	Area X WPM = Points																									
Exterior	4401.8	3.70	1189.7	As-Built Total:						1189.7	2617.3	Type																											
DOOR TYPES										Area X WPM = Points																													
Adjacent	0.0	0.00	0.0	Exterior Insulated						43.5	8.40	365.7	R-Value																										
Exterior	535.5	12.30	43.5	As-Built Total:						43.5	365.7	Type																											
CEILING TYPES										Area X BWPM = Points																													
Under Attic	1730.0	2.05	3546.5	Under Attic						30.0	1739.0	2.05 X 1.00	3564.9	R-Value																									
Base Total:	1730.0		3546.5	As-Built Total:						1739.0	3564.9	Area X WPM = Points																											
FLOOR TYPES										Area X BWPM = Points																													
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall						11.0	1730.0	1.20	2076.0	Type																									
Raised	1730.0	0.96	1660.8	As-Built Total:						1730.0	2076.0	R-Value																											
INFILTRATION										Area X BWPM = Points																													
Base Total:										Area X WPM = Points																													
1660.8										1730.0																													
As-Built Total:										2076.0																													
Area X BWPM = Points										Area X WPM = Points																													
1730.0										-1020.7																													
-0.59										-1020.7																													

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: 136 SW DEPUTY J DAVIS LANE, LAKE CITY, FL, 32024- PERMIT #:

BASE	AS-BUILT
Winter Base Points: 13091.2	Winter As-Built Points: 8491.5
Total Winter X System = Heating Points Multiplier	Total X Cap X Duct X System X Credit = Heating Points Multiplier Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)
13091.2 0.6274 8213.4	8491.5 1.00 1.00 1.00 1.162 1.000 1.000 9868.7
(Eys 1: Electric Strp 36000 btuh ,EFF(1.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0 1.000 (1.069 x 1.169 x 0.93) 1.000 8491.5	

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WATER HEATING & CODE COMPLIANCE STATUS
Residential Whole Building Performance Method A - Details

ADDRESS: 136 SW DEPUTY J DAVIS LANE, LAKE CITY, FL, 32024-
PERMIT #:

BASE					AS-BUILT				
WATER HEATING									
Number of X Multiplier = Total					Tank EF Number of X Tank X Multiplier X Credit = Total				
Bedrooms					Volume				
3					40.0				
2636.00					0.93				
					3				
					1.00				
					2606.67				
					1.00				
					7620.0				
					7620.0				
					As-Built Total:				

BASE					AS-BUILT				
Cooling Points + Heating Points + Hot Water = Total					Cooling Points + Heating Points + Hot Water = Total				
9506					7018				
8213					9869				
7905					7820				
25624					24707				

CODE COMPLIANCE STATUS

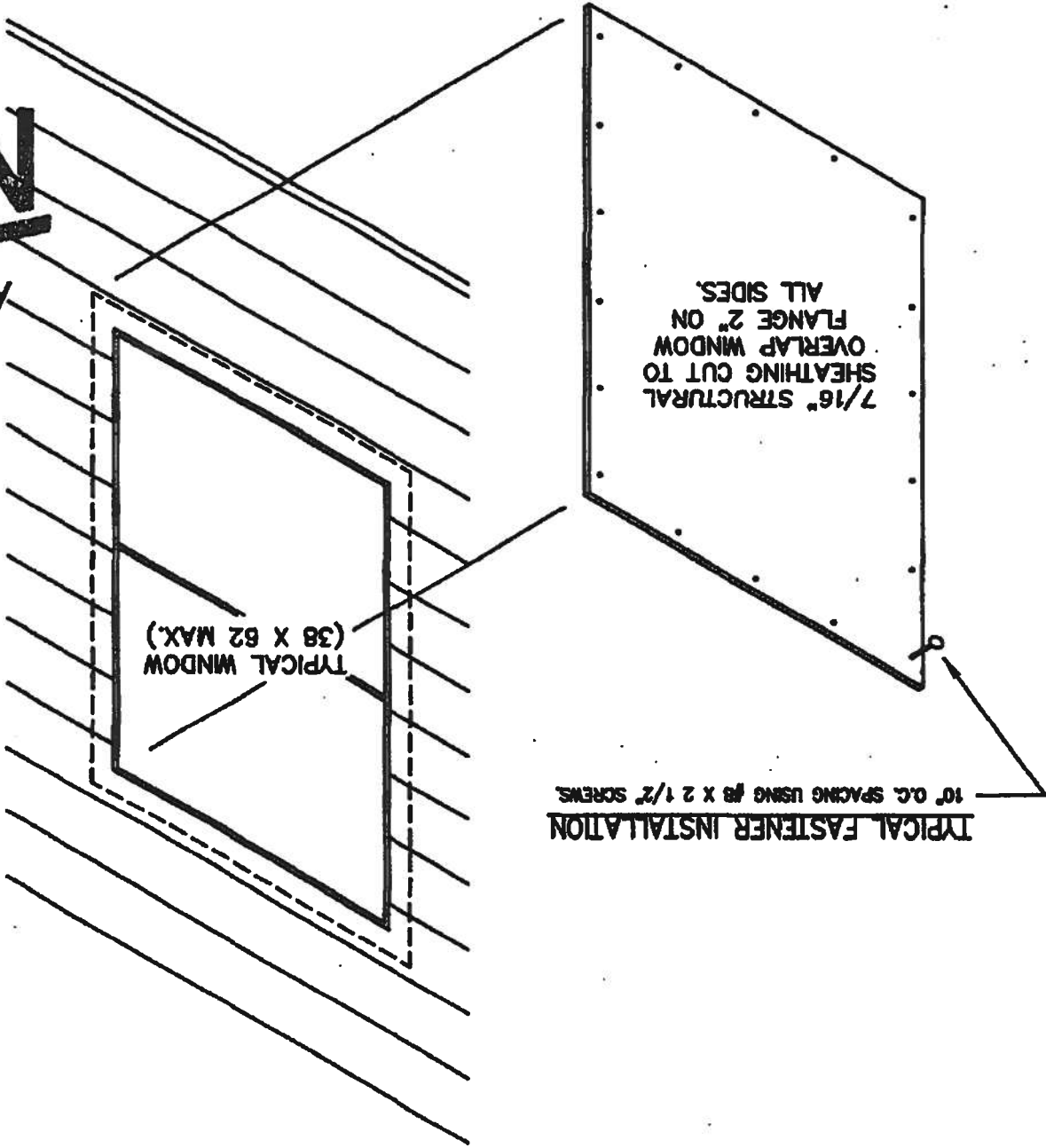
PASS

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NTI INC.
JUN 2 2008



WINDOW WIND BLOWN DEBRIS PROTECTION
(140 M.P.H.)



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NTH
JUN 2 2008
INC

NOTES:

1. 7/16" SHEATHING & #8 X 2 1/2" SCREWS ARE SUPPLIED WITH YOUR HOME.
2. AFTER REMOVING SHEATHING AND SCREWS WHEN THEY ARE NO LONGER NEEDED, STORE THEM AWAY FOR FUTURE USE.
3. ALL HOLES IN THE EXTERIOR SIDING MUST BE SEALED WITH A SILICONE BASED CAULK TO PREVENT WATER DAMAGE TO SHEATHING BELOW.
4. THIS METHOD OF WINDOW WIND BLOWN DEBRIS PROTECTION IS APPLICABLE WITH WIND SPEEDS TO 140 MPH MAXIMUM.

5-26-02
[Signature]

ENGINEER APPROVAL:

THIRD PARTY APPROVAL:

FLORIDA BUILDING CODE 2004

M00 257



JACOBSEN HOMES
P.O. BOX 368
SAFETY HARBOR, FLORIDA 34695
PHONE (813) 728-1138

NOTICE:
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KEPT CONFIDENTIAL AND SECRET FROM OTHERS.

DRAWN BY: M.T.
DATE: 05-18-06
DRAWING TITLE: WIND BLOWN DEBRIS PROTECTION
DRAWING NUMBER: MEX-02-002

REV. LETTER: A