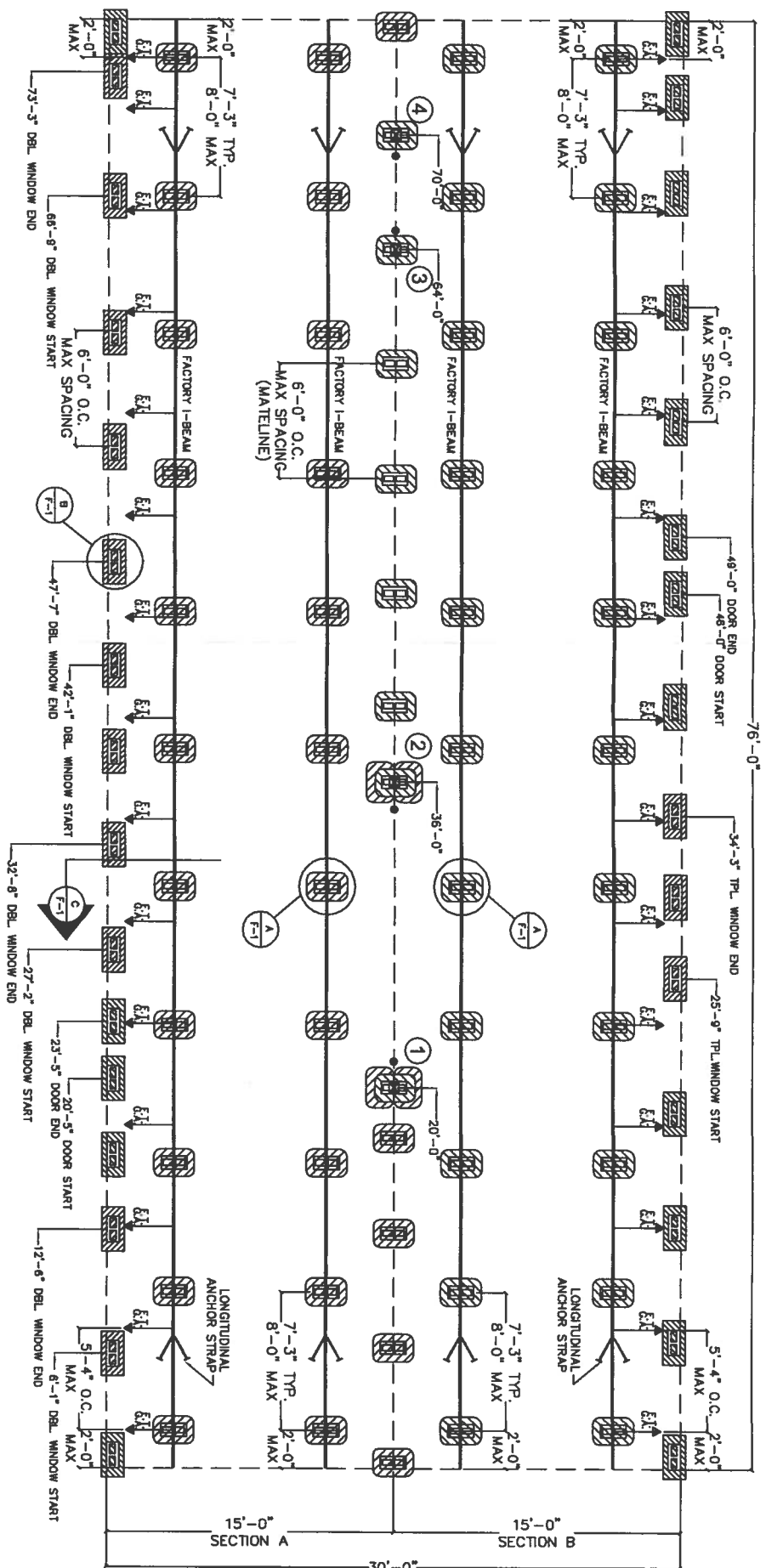
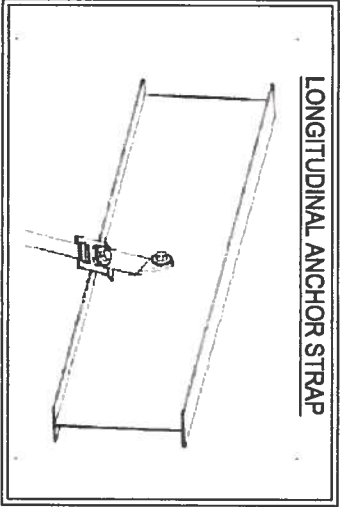


STRUCTURAL LOAD LIMITATIONS:
CODE EDITION: 2017 FLORIDA BUILDING CODE (8TH EDITION) & ASCE 7.10

- ULTIMATE DESIGN WIND SPEED: 130 MPH WIND SPEED
- NOMINAL DESIGN WIND SPEED: 101 MPH WIND SPEED
- WIND EXPOSURE CATEGORY: "C"
- IMPORTANCE FACTOR: 1.0
- DESIGN ROOF LIVE LOAD: 20 PSF
- DESIGN FLOOR LIVE LOAD: 40 PSF
- MIN. ASSUMED SOIL BEARING CAPACITY: 1500 PSF
- OCCUPANCY CLASSIFICATION: R3
- CONSTRUCTION TYPE: VB
- THIS BUILDING IS NOT DESIGNED FOR PLACEMENT IN A HIGH VELOCITY HURRICANE ZONE AS DEFINED BY THE FBC.
- THIS BUILDING IS NOT DESIGNED TO BE SUBMERGED OR SUBJECT TO WAVE ACTION WHEN LOCATED IN A FLOOD PRONE OR ZONE AREA. THE BOTTOM OF THE STRUCTURAL FRAME MUST BE LOCATED ABOVE THE FLOOD PRONE OR ZONE AREA OR THE GRADE AT THE BUILDING SITE MUST BE ABOVE THE FLOOD PLANE LEVEL.

- FOUNDATION NOTES:**
- BLOCKING SPACING BASED ON 20PSF LIVE LOAD ON ROOF AND 1500 PSF SOIL BEARING CAPACITY.
 - CONCRETE BLOCKS ARE ONLY RATED AT 8000 POUNDS, 8000 POUND PIERS OR HIGHER MUST BE DOUBLE BLOCKED.
 - ALL SIDEWALL ANCHORS ARE SPACED PER PLAN AND FOUR FOOT GROUND ANCHOR MAY BE USED.
 - WOOD SHIMS MAY BE INSTALLED WHEN NECESSARY BETWEEN THE I-BEAM AND THE TOP OF THE PIER SHIMS SHALL BE FREE OF KNOTS, SPLITS AND SIMILAR IMPERFECTIONS. SHIMS SHALL BE OF P.T. LUMBER, CEDAR, OR ABS AND BEARING AT ALL CONTACT POINTS SHALL NOT BE LESS THAN 2/3 OF THE BEARING PRIOR TO ADDING THE SHIMS.
 - ALL TIE DOWN ANCHORS SHALL HAVE A MINIMUM 4725 LB. ULTIMATE CAPACITY AND SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
 - THE STEEL FRAME OF HOME IS NOT FOR USE OF RELOCATION OF HOME AFTER SETUP AND IS INTENDED FOR USE AS A PERMANENT FOUNDATION.
 - ALL PIERS SHALL BE CONSTRUCTED OF 8" X 8" X 16" CONCRETE MASONRY UNITS CONFORMING TO ASTM C90.
 - INSTALL BLOCK PIER ON EACH SIDE OF ALL EXTERIOR DOOR OPENINGS.
 - I-BEAM SUPPORT PIERS MAY BE INSTALLED EXTERNALLY (90 DEGREES FROM THE ORIENTATION SHOWN ON THE FOUNDATION PLAN), MUST BE LOCATED DIRECTLY BELOW THE I-BEAM CENTERLINE.
 - ALL MASONRY PIERS MAY BE INSTALLED IN A DRY STACK SUBJECT TO LOCAL JURISDICTION



COLUMN LOADS

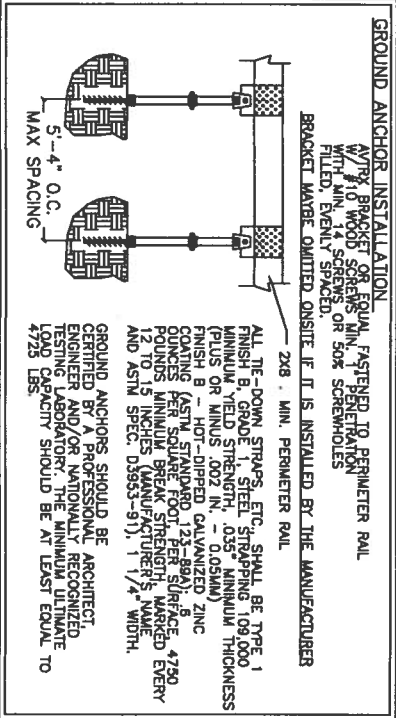
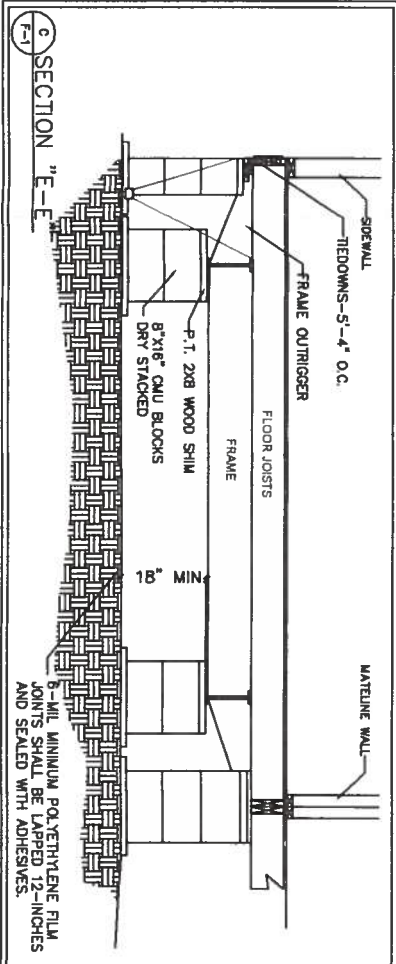
1	= 4620 LBS.
2	= 4620 LBS.
3	= 1733 LBS.
4	= 1733 LBS.

LEGEND

	17.5'x25.5' ABS PAD = 3000 LBS. CAPACITY
	13'x26' ABS PAD = 2375 LBS. CAPACITY
	(3) 17.5'x25.5' ABS PAD = 6000 LBS. CAPACITY (TOP PAD IS LAID IN THE OPPOSITE DIRECTION TO THE BOTTOM PADS)

SYMBOLS

	F.T. FRAME TIE-DOWN FASTENED TO GROUND ANCHOR
	LONGITUDINAL ANCHOR STRAP FASTENED TO GROUND ANCHOR
	LONGITUDINAL ANCHOR STRAP LOCATIONS



Senyb Engineering Services
318 S. Scenic Hwy, Ste. 100
Lake Wales, FL 33853
Phone: 863-589-5980
Fax: 1-866-865-2044

THESE STANDARDS AND PLANS MEET
THE 2017 F.B.C. - RESIDENTIAL (8TH EDITION) EXPOSURE "C"
V_W = ULTIMATE DESIGN WIND SPEED = 130 MPH (RISK CATEGORY II BUILDING)
V_N = NOMINAL DESIGN WIND SPEED = 101 MPH (RISK CATEGORY II BUILDING)
(TABLE 1609.3.1)
MARK V. RICHTER, P.E. # 56196
318 S. SCENIC HWY, STE. 100
LAKE WALES, FL 33853
OFFICE: 863-589-5980

SHOWCASE HOMES
(LAKE CITY)

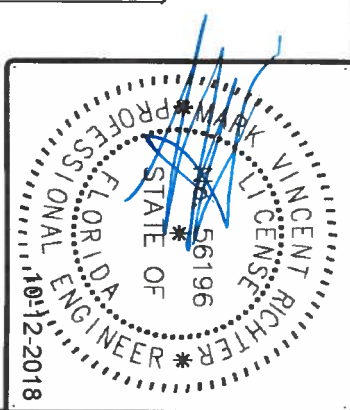
ISIES
SENYB ENGINEERING SERVICES
Architectural and Design Company

DRAWING INFORMATION

NAME:	M.B.J.
DATE:	10-09-2018
SCALE:	NOT PRINTED TO SCALE

CUSTOMER: JESSICA SHEPARD
ADDRESS: 596 SW CLIFFORD DR., FT. WHITE, FL 32038
MODEL # CC307646: 30'-0" X 76'-0" COLLINS CRAFT
FOUNDATION PLAN AND DETAILS
PROVIDED BY
SENYB ENGINEERING SERVICES
LAKE WALES, FLORIDA 33853

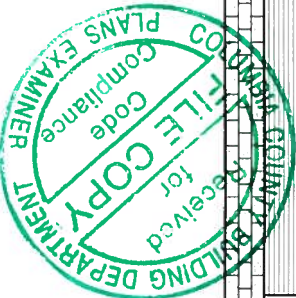
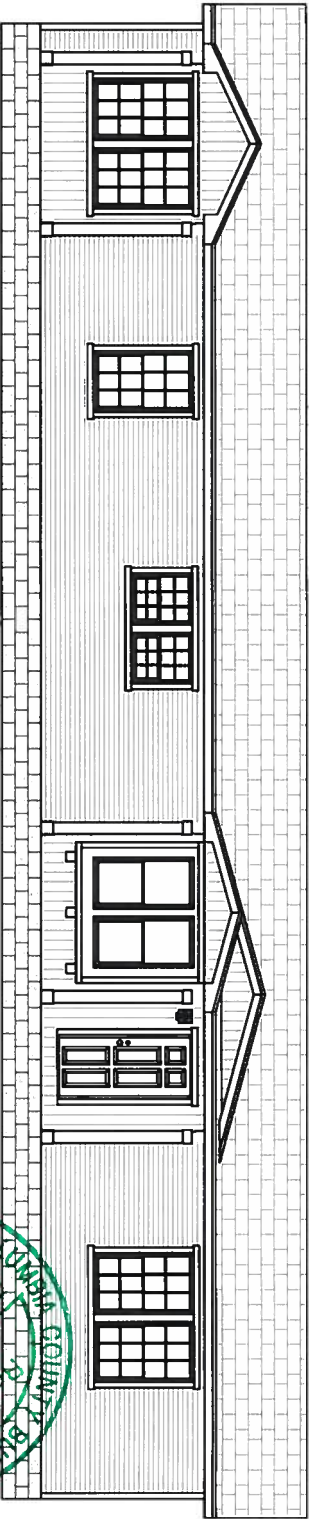
DESIGNED FOR 20 PSF ROOF LIVE LOAD AND 1500 PSF SOIL BEARING CAPACITY
F-1
SHEET 1 OF 1



Model #:340CCC30764BMO

Sales Name:HIGHLAND RIDGE

DISCIPLINE DESIGNATOR				SHEET TYPE DESIGNATORS		
A	ARCHITECTURAL	Q	OPERATIONS	0	GENERAL	SYMBOLS, LEGENDS, NOTES, ETC.
B	GEOTECHNICAL	P	PLUMBING	1	PLANS	
C	CIVIL	Q	EQUIPMENT	2	ELEVATIONS	VERTICAL VIEWS
D	PROCESS	R	RESOURCE			
E	ELECTRICAL	S	STRUCTURAL	3	SECTIONS	SECTIONAL VIEWS & WALL SECTIONS PLANS, ELEVATIONS, STAIR SECTIONS, OR SECTIONS THAT ARE NOT DETAILS.
F	FIRE PROTECTION	T	TELECOMMUNICATIONS	4	LARGE-SCALE VIEWS	
G	GENERAL	U	USER DEFINED	5	DETAILS	
H	HAZARDOUS MATERIAL	V	SURVEY / MAPPING	6	SCHEDULES & DIAGRAMS	
I	INTERIORS	X	OTHER DISCIPLINES	7	USER DEFINED	
L	LANDSCAPE	Z	CONTRACTOR / SHOP PRINTS	8	USER DEFINED	
M	MECHANICAL			9	3D REPRESENTATION	
					ISOMETRICS, PERSPECTIVES, PHOTOGRAPHS	



Sheet List Table		
Sheet Number	Sheet Title	
G0.01	Title Sheet ON	
A0.01	Code Sheet ON	
A0.02	Construction Notes	
A1.01	Floorplan	
A2.01	Front & Rear Elevations	
A2.02	Right & Left Elevations	
A3.01	On Frame Cross Section	
A3.01	On Frame Cross Section Notes	
E0.01	Electrical Notes	
E1.01	Electrical Plan	
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P1.02	Cold Supply Lines	
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S0.01	Shearwall Notes	
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S1.01.03	Floor Framing ON 24 DC	
S1.04.1	Roof & Duct Plan 24	
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----	Florida Product Approvals	
----	FLA. RES.	
F1	Typ. Foundation Plan ON	
IM.01	IM-Floor	
IM.02	IM-Endwall	
IM.03	IM-Fixed Peak	
IM.04	IM-Hinged Peak King	
IM.05	IM-Hinged Gable 1	

Drawn 11.19.18 Plan No. 2102-1473F

Approved By SCOTT S. FRANCIS

Signature of Examiner

Modular Building Plans Examiner

Florida License No. 33AP-42

Sheet Title: TITLE SHEET ON		Sheet Number G0.01		Sheet 1 of 1		Plan #: 2102-1473F	
MUR 261 UWG				11/15/18			
Drawing Information				P.E.		Plant Number:	
Model Number: 340CC30764BMO				William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic. # 42712		69	
Sales Name:				Plant Information		© Copyright 2018	
Series: COLLINS CRAFT				Palm Harbor Homes, Inc.		Palm Harbor Homes, Inc.	
Drawn by: BB				605 S. Frontage Road		All Rights Reserved	
Date: 11/10/18				Plant City, Florida 33566			
Serial #:							
Customer:							
Bid Party							
Hilborn, Werner Carter and Associates (HWC)							
1627 South Myrtle Ave							
Clearwater, FL 33756							
State:							
LISTING AGENCY APPROVAL							
These prints comply with the Florida Manufactured Building Act of 1979							
Construction Code and adhere to the following criteria:							
CONST. TYPE				VB			
OCCUPANCY				SFD			
ALLOWABLE NO. OF FLOORS				1			
WIND VELOCITY 150 MPH (135 mph)							
FIRE RATING OF EXT. WALLS				0			
PLAN NO.				2102-1473F			
ALLOW. FLOOR LOAD				40			
APPROVAL DATE				11/15/18			
MANUFACTURER				PHH			
HIGH VELOCITY HURRICANE ZONE				NO			

FLORIDA
STRUCTURAL LOAD LIMITATIONS:

1. FLOOR LIVE LOAD = 40 PSF
2. ROOF LIVE LOAD = 20 PSF
3. WIND LOAD: 150 mph (Ult.) WIND SPEED (3 sec gusts)(Refer to floorplan)
4. BUILDING IS RISK CATEGORY II.
5. WIND EXPOSURE CATEGORY "D"
6. GCPI = 0.18 INTERNAL PRESSURE COEFFICIENT (ENCLOSED)
7. D.W.P. FOR C/C PSF
8. THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON THE UPPER HALF OF A HILL OR ESCARPMENT EXCEEDING 15 FEET IN HEIGHT.
9. FLOOD LOAD: THIS BUILDING MAY BE LOCATED IN A FLOOD HAZARD AREA PROVIDED NO MODULAR PORTION OF THE BUILDING IS LOCATED BELOW A BASE FLOOD ELEVATION.

On Frame Notes: On-frame, elevated units located units where frames remain in place are limited to 160 mph, ultimate and non-elevated design pressures only. Elevated pressures and pressures over 160 gulf do not apply to on-frame, elevated units.

NOTE: NON-ELEVATED SET - 20'-0" MAX					ASCE 7-10				
Design Wind Pressures for C&C (PSF)									
Per-Roof C&C load (Ea=20)									
Wind speed:	150								
Zone 1	-33.5								
Zone 2	-55.2								
Zone 3	-82.8								
Roof Overhang (Ea=10)									
Zone 2	-70.2								
Zone 3	-118.1								
Per- Wall C&C load, Walls & Doors (Ea=10)									
Zone 4	37.7								
Zone 5	37.7								
Zone 4	-40.8								
Zone 5	-50.3								
Perch - (Ea=20,Man) (Ea=10, Eave)									
Main Zone 1	-44.4								
Zone 2	-66.6								
Zone 3	-93.6								
Eave Zone 1									
Zone 2	-87.2								
Zone 3	-87.2								
Design pressures (DP) apply only for wind speeds > 114 mph. See appropriate Risk Cat Table.									
Wind Speeds in Table Header are Ultimate 3-Second gusts per ASCE 7-10									
Window and Door DP ratings must meet or exceed those listed above for									
Zone 5 (within 4ft of eo corner), or Zone 4 (interior), for desired wind speed.									

General Notes – FBC 6th EDITION (2017) RESIDENTIAL

1. Designs per the Florida Building Code in effect at time of production.
2. Reserved
3. Reserved
4. Occupancy is Residential (SFR)
5. Construction is type V-B.
6. Occupant load is based upon one person for each 200 sq. ft. of floor area.
7. Floor Live Load = 40 p.s.f.
8. Roof Live Load = 20 p.s.f.
9. Wind speed – See details in this approved package for specifics.
11. All materials covered by the Florida Building Commission chapter 61 620-3,006 rules shall have current Florida Product Approvals.
13. 75% of all permanently installed lighting fixtures shall have high efficacy lamps
14. Unless specifically noted on the approved plans and details, this building is NOT designed (nor intended) to be located in "High Velocity Hurricane Zones" (Dade and Broward Counties).

It is the responsibility of the contractor and/or retailer to verify that each home is installed in the region for which it has been designed and constructed and that NO home is installed into "High Velocity Hurricane Zones" (Dade or Broward county). This modular building may be sited in "Regulatory Flood Plain Areas" and/or "V-Zone Areas" only when the foundation has been designed, engineered and constructed to comply with the Florida Building Codes governing those specific zones, areas or regions. No part of the modular building may be placed below base flood elevation. Palm Harbor Homes and its third party approval agency(s), along with the architect and/or the engineer of the building plans, shall not be held responsible or liable, if a contractor and/or retailer installs a home into a region for which it has not been designed and/or constructed. The contractor and/or retailer shall bear sole responsibility.

15. Data plate, state label shall be located on the inside cover of or near the electrical panel.

16. Raised seal prints are on file in the office of HWC, Inc.

17. Plan review and inspection required by Chapter 633 F.S. to be handled by local fire inspector.

18. This building is designed for a permanent foundation and is NOT intended to be moved once so installed.

19. These plans may be mirrored or flipped about any axis without reapproval.

Mechanical Notes – FBC 6th EDITION (2017) RESIDENTIAL

1. All supply air registers are adjustable, except where otherwise specified on the plans.
2. Whole house ventilation will be applied based on FBC9, R303.4 & M1507.3
3. Return vent fans shall provide 50 cfm minimum of ventilation.
4. Vent fans shall be ducted to the exterior of home.
5. Reserved
6. All ducts and duct system components installed in the attic area with insulation are a minimum R-value of R-6.0 (based on simulated performance method of compliance).
7. All ducts and duct system components installed on the exterior of the building (including the crawl space below), shall have a minimum R-value of R-6.0. NOTE: If this building is located in a jurisdiction that has adopted the ordinance for RADON RESISTANT CONSTRUCTION, RULE 98-67, FLORIDA STATUTE 553.98, return air ducts and plenums shall be not be located in the crawl space.

Attention Local Building Inspections Department:

The following items have not been completed by the manufacturer, have not been inspected by HWC and are not certified by the State of Florida, Department of Business & Professional Regulations Insipnia (Idbe). Note: This list does not necessarily limit the items, work and/or materials that may be required for a complete installation. ALL SITE INSTALLED ITEMS ARE SUBJECT TO APPROVAL BY THE LOCAL JURISDICTION HAVING AUTHORITY. Code compliance for those site installed items shall be determined at the local level and are the responsibility of the licensed contractor installing the building and NOT Palm Harbor Homes.

Plumbing Systems – FBC 6th EDITION (2017) RESIDENTIAL

1. All systems shall be constructed with the materials listed in FBC, Residential – Plumbing with materials listed in chapters 25 through 33.
2. DWV systems may be ABS OR PVC piping.
3. Tub access provided under home, unless otherwise noted.
4. Building drain and clean-outs, when designed and site installed by others, are subject to local jurisdiction approval.
5. Water heater shall have a safety pan with 3/4 inch minimum drain to the exterior.
6. Water heater T & P relief valve to drain to exterior.
7. Thermal Expansion device, if required by water heater installation instructions, and if NOT shown on the approved plumbing plan, shall be designed and installed on-site, by others and is subject to local approval.
8. All plumbing fixtures to have separate shutoff valves.
9. Shutoff valve to be installed within three feet of the fresh water inlet to the home (site installed, by others).
10. Water supply pipes installed in a wall exposed to the exterior shall be located on the heated side of the wall insulation. Water lines located in unconditioned spaces to be insulated with minimum R-6.5 insulation.
11. Water supply lines shall be PEX, polybutylene, CPVC or copper.
12. All supply "crossover" piping to be connected on-site by others.
13. Shower stalls shall be covered with a nonabsorbent material to a height of 70 inches above finished floor (may be on-site).
14. Showers shall be controlled by an approved mixing valve with a maximum outlet temperature of 120° F (49° C).
15. All on-site plumbing shall be installed by a licensed plumbing contractor. All on-site plumbing is subject to inspection and approval by the local authority having jurisdiction.
16. Water hammer arrestors are required when flow velocity will cause water hammer.
17. Provide heat traps if required per FLORIDA ENERGY CODE 403.5.5

Site Installed Items:

- (This list contains examples and shall not be considered all inclusive)
1. The complete foundation and tie-down systems.
2. Ramps, stairs and general access to the building.
3. Building drains, clean-outs and hookup to the plumbing system.
4. Any portable fire extinguisher(s) that may be required.
5. Electrical service hookup (including feeders) to the building.
6. The main electrical panel and sub-feeders (multi-section units).
7. Structural and aesthetic interconnections between modules (multi-section units).
8. Exterior siding and/or roofing may be installed in the factory or left off to be installed on-site, by others.
9. Exterior wall finish and soffit materials.
10. Window protection, storm shutters.
11. Bottom of floor wind protection (when required).
12. Crossover duct and connections (HVAC) if multi section only.
13. HVAC disconnect.
14. Fireplace chimney.
15. Gable wall framing, chimney.
16. HVAC equipment.
17. Combustion Gas Venting Combustion Air Intake.
18. A.A.V. (Air Admittance Valves)
19. Optional elevator is designed and installed on site by others.
20. Blower door test and whole house ventilation (if required).
- Some of these items may be installed in the factory at the discretion of plant management, if the items are installed and inspected at the production facility, then local approval is not required.
- Site module interconnections.
- See NON_INDEXED attached pages:
1. For floor mating line structural interconnections see attached page: IM.01
2. For endwall mating line structural interconnections see attached page: IM.02
3. For roof trued truss mating line structural interconnections see attached page: IM.03
4. For 2-story module interconnections see attached page: IM.06 (if applicable)

CODE SUMMARY

STATE: FLORIDA

RESIDENTIAL:

FBC 6th EDITION (2017)

RESIDENTIAL

FIRE PREVENTION:

2017 FFPC
6th Edition FL FIRE PREVENTION

ELECTRICAL:

2014 N.E.C.

MECHANICAL:

FBC 6th EDITION (2017)

RESIDENTIAL

FUEL:

FBC 6th EDITION (2017)

RESIDENTIAL

PLUMBING:

FBC 6th EDITION (2017)

RESIDENTIAL

ACCESSIBILITY:

FBC 6th EDITION (2017)

ENERGY:

FBC 6th EDITION (2017)

RESIDENTIAL

Approximate Square Footage of Building:
(see table on A0.02)

Florida product approvals
are on file with third
party.

These details and plans are confidential and proprietary materials. These materials are provided to the recipient for specific purposes and shall not be copied or otherwise reproduced and/or distributed to others for any purpose other than intended by Palm Harbor, PC. Buildings may be marketed under the "Palm Harbor Homes", "Notionwide Homes", or "Discovery Custom Homes" brand names. Notionwide Homes and Discovery Custom Homes are divisions of Palm Harbor Homes, Inc.

Sheet Title:	CODE SHEET ON	Sheet Number	A0.01	Sheet	1 of 1	Plan #:	2102-1473F
<div><div>Customer: Hilborn, Werner, Carter and Associates(HWC) 1627 South Myrtle Ave Clearwater, FL 33756</div><div>State: FL</div><div>Listing Agency Approval These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria: CONST. TYPE: VB OCCUPANCY: SED ALLOWABLE NO. OF FLOORS: 1 WIND VELOCITY 150 ULL (3 SEC) FIRE RATING OF EXT. WALLS: 0 PLAN NO.: 2102-1473F LOAD ALLOW. FLOOR: 40 APPROVAL DATE: 11-14-18 MANUFACTURER: FHR HIGH VELOCITY HURRICANE ZONE: NO</div><div>MUR 261 PHH</div></div>							
<div><div>Drawing Information Model Number: 340CC30764BMO Sales Name: COLLINS CRAFT Series: COLLINS CRAFT Drawn by: BB Date: 11/10/18 Serial #: 1</div><div>P.E. William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic. # 422742 Plant Information Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566</div><div>Plant Number: 69 © Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved</div></div>							

General Notes:

- 1. The building may be constructed in an exact mirror image about its axis without any re-approval of the plans (building may be "flipped" side to side and/or front to rear).
- 2. Optional horizon windows may be added at any location without re-approval. The energy calculations shall be revised to include the added horizon windows
- 3. Minimum corridor width is 36".
- 4. All glazing within a 24 inch arc of doors, whose bottom edge is less than 60 inches above the floor, and all glazing in doors shall be tempered or acrylic plastic sheet.
- 5. Shearwalls are designed either worst case or plan specific. When designed to worst case, shearwalls are designed with sidewalls @ 108" height and 6-12 roof pitch. When shearwalls are designed plan specific, see floorplan (typically page A1.01) for sidewall and roof pitch limitations.
- 6. Please refer to the code sheet of this package for additional notes and requirements. See shear wall notes and shearwall tables for shear wall construction requirements.
- 7. Exterior walls are no more than 9'-0" max unless otherwise noted.
- 8. When roof construction is cathedral ceilings, attic access shown on the plans are not required when the dimension between chord members is less than 30".
- 9. When designing your own foundation, add 2" to overall width shown on floor plan per module to accommodate growth from sheathing and strapping.
- 10. Sidewalls are 4" or 6" up to 150 mph (Ult). Sidewalls are 6" for winds above 150 mph (Ult).
- 6. Nationwide homes is a division of Palm Harbor Homes. Any construction in this unit not included in this package must be done in accordance with the Palm Harbor Homes of Florida Manual..
- 7. Unless otherwise indicated on truss design, trusses spaced per chart:

Vasd	Vult (mph)		TRUSS SPACING	
	EXP. C	EXP. D	END ZONE	INT ZONE
120 MPH	155 MPH	141 MPH	24" O.C.	24" O.C.
130 MPH	168 MPH	153 MPH	16" O.C.	24" O.C.
140 MPH	181 MPH	165 MPH	16" O.C.	16" O.C.
150 MPH	194 MPH	177 MPH	12" O.C.	16" O.C.
175 MPH	226 MPH	208 MPH	12" O.C.	16" O.C.



See Page S0.01 for Shear Wall Notes.
See Shearwall Tables on other page in this package.
Indicates Shear Wall Locations.

NOTE: WINDOWS & DOORS MUST BE RATED FOR APPLICABLE WIND PRESSURES PER CHARTS ON CODE SHEET (Typically A0.01)

Kinro / CWS Window Chart			
Size	Square Foot Light	Square Foot Vent	
20X22 TRAP	2.5	0	
24x36	4.3	2.15	
24X60	7.69	3.84	
24X12	2.070	0.00	
36x60	12.20	6.14	
36x12	2.17	0.00	
30x60	9.95	5.03	
30x36	5.55	2.76	
30x12	1.75	0.00	
14x36	2.48	1.30	
18x40	3.54	1.86	
30x42	6.55	0.00	
64x12	4.90	5.20	
46x12	3.28	0.00	
48X12	3.40	0.00	
48X72	22.36	0.00	
46X36	8.96	4.21	
54X40	12.42	6.80	
Door Chart			
Size	Square Foot Light	Square Foot Vent	
36x80 Atrium	9.00	0.00	
36x80 Door	4.90	0.00	
72x80 S.G.D.	32.18	16.33	
76X80 Dbl French	8.12	0.00	
36x80 Single French	4.00	0.00	

Building Square Footage Table

Schedule Table		
DESCRIPTION	AREA (Sq. Ft.)	PERIMETER (Ft.)
	2280.00 SF	212
Total Project	2280.00 SF	212

Sheet Title:

CONSTRUCTION NOTES

Sheet Number

A0.02

Sheet

1

 of

1

Plan #:

2102-1473F

MAJOR 261

CONSTR. TYPE

OCCUPANCY

ALLOWABLE NO. OF FLOORS

WIND VELOCITY (150 ULT.13 SEC)

FIRE RATING OF EXT. WALLS

PLAN NO.

ALLOW. FLOOR LOAD

APPROVAL DATE

MANUFACTURER

HIGH VELOCITY HURRICANE ZONE

VB

STD

1

0

40

2102-1473F

PHH

NO

LISTING AGENCY APPROVAL

These prints comply with the Florida Manufactured Building Act of 1979. The building has been inspected and conforms to the following code:

State:

FL

Customer:

Hilborn, Werner, Carter and Associates(HWC)

1627 South Myrtle Ave

Clearwater, FL 33756

Drawing Information

Model Number:

340CC30764BMO

Sales Name:

COLLINS CRAFT

Drawn by:

BB

Serial #:

Date:

11/10/18

P.E.

William H. "Rob" Roberts, P.E.

607 South Alexander Street

Suite #201

Plant City, Florida 33563

Lic. # 42712

Plant Information

Palm Harbor Homes, Inc.

605 S. Frontage Road

Plant City, Florida 33566

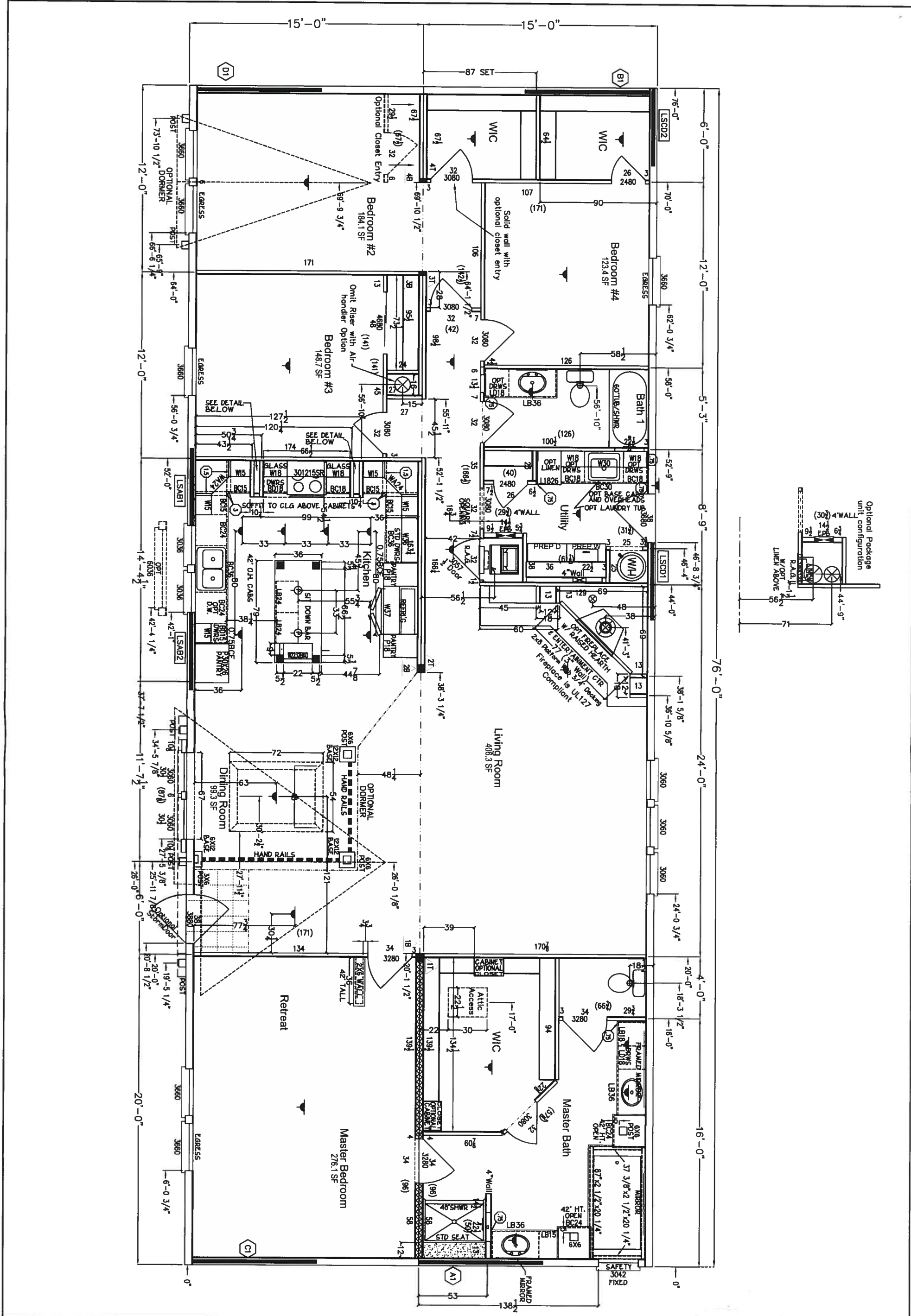
Plant Number:

69

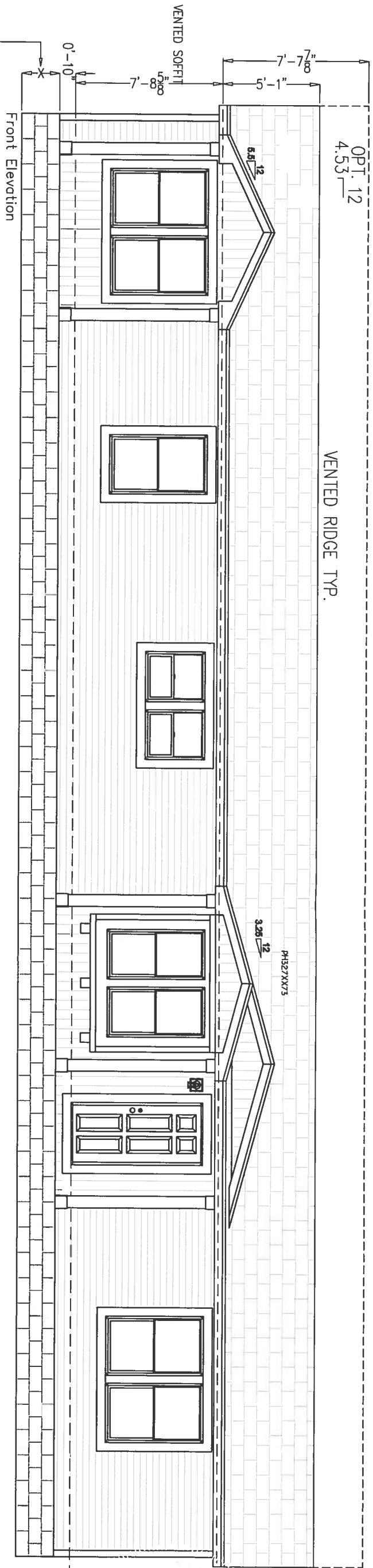
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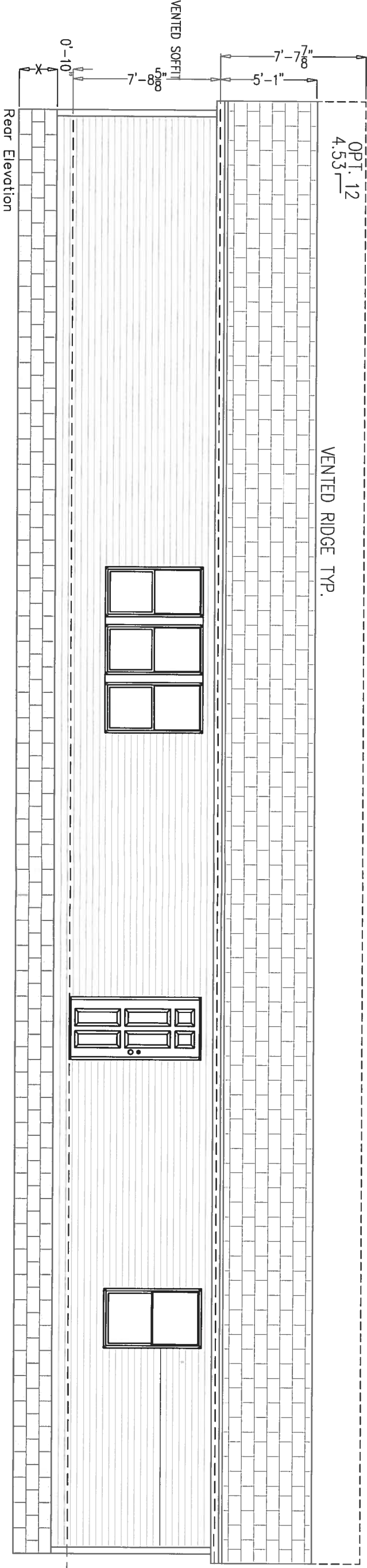


Sheet Title: FLOORPLAN		Drawing Information Model Number: 340CC30764BMO Sales Name: Series: COLLINS CRAFT Drawn by: BB Date: 11/10/18 Serial #:		P.E. William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic # 42712 Plant Information		Plant Number: 69 © Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved	
Sheet Number A1.01		Customer: Hilborn, Werner, Carter and Associates (HWC) 1627 South Myrtle Ave Clearwater, FL 33756		Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566			
Sheet 1 of 1		Listing Agency Approval These prints comply with the Florida Manufactured Building Act of 1975 following notice: CONSTR. TYPE: V-B OCCUPANCY: SED ALLOWABLE NO. OF FLOORS: 1 WIND VELOCITY (50 MILES PER HOUR): 150 (LIT. SEC.) FIRE RATING OF EXT. WALLS: 0 PLAN NO.: 2102-1473F APPROVAL DATE: 11/15/18 MANUFACTURER: PHH		HIGH VELOCITY HURRICANE ZONE: NO		MUR 261	
Plan #: 2102-1473F							

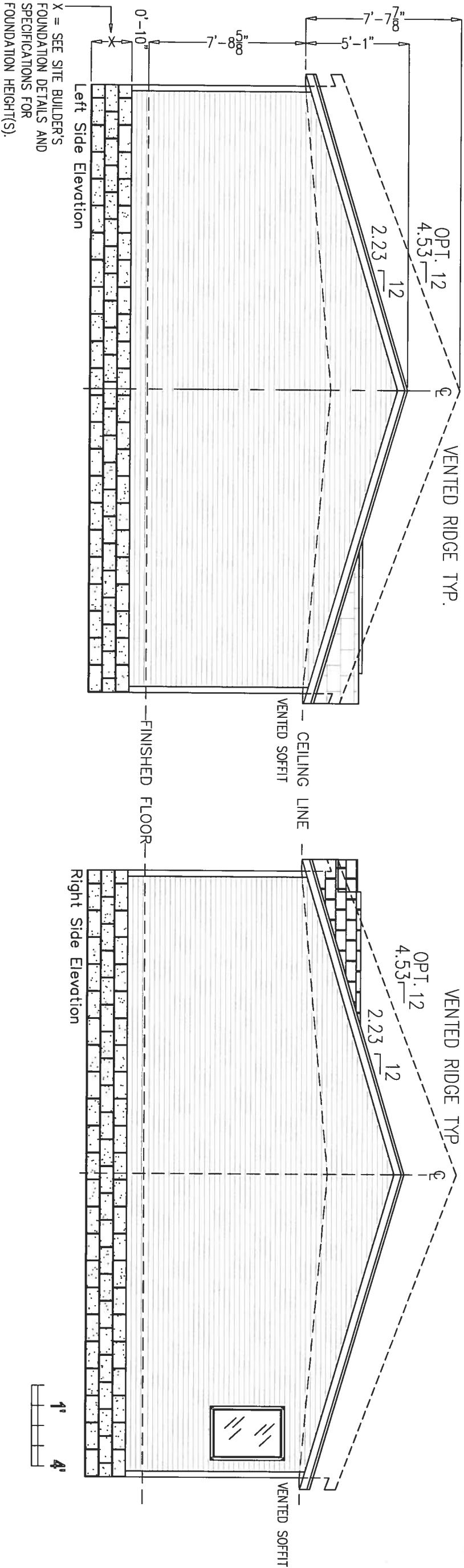


X = SEE SITE BUILDER'S FOUNDATION DETAILS AND SPECIFICATIONS FOR FOUNDATION HEIGHT(S).

- Notes:
1. Roof ventilation may be accomplished through the use of either ventilated eaves, roof vents or ridge ventilation. Either or all of these methods may also be used separately or in combination to provide the minimum required roof ventilation of $\frac{1}{500}$ OR $\frac{1}{300}$, see Florida Energy Calculations.
 2. Roof overhang (eave) sizes may vary. Roof overhangs are typically a nominal 12" eave or approximately 11 1/4" wide.
 3. Bath exhaust fans (ventilated air) shall exhaust directly to the exterior of the home and shall not exhaust into the roof and/or other concealed cavity or area.
 4. The elevations shown above are typical and may vary due to optional and/or custom features or specific customer requests.
 5. Siding may be approved vinyl or cementious and either vertical or horizontal per manufacture's instructions.
 6. Steps and handrails are installed onsite by others or at the factory at the factory's discretion.
 7. If window sills are greater than 72" from grade and less than 24" above finish floor, builder is responsible for providing and installing window guards.
 8. Exterior doors are fiberglass unless otherwise noted on the plans.
 9. When shingles are installed, they are fiberglass, wind resistance: D3161 "Class F" - resistance to fire: "CLASS A".
 10. Windows are Low-E, insulated.

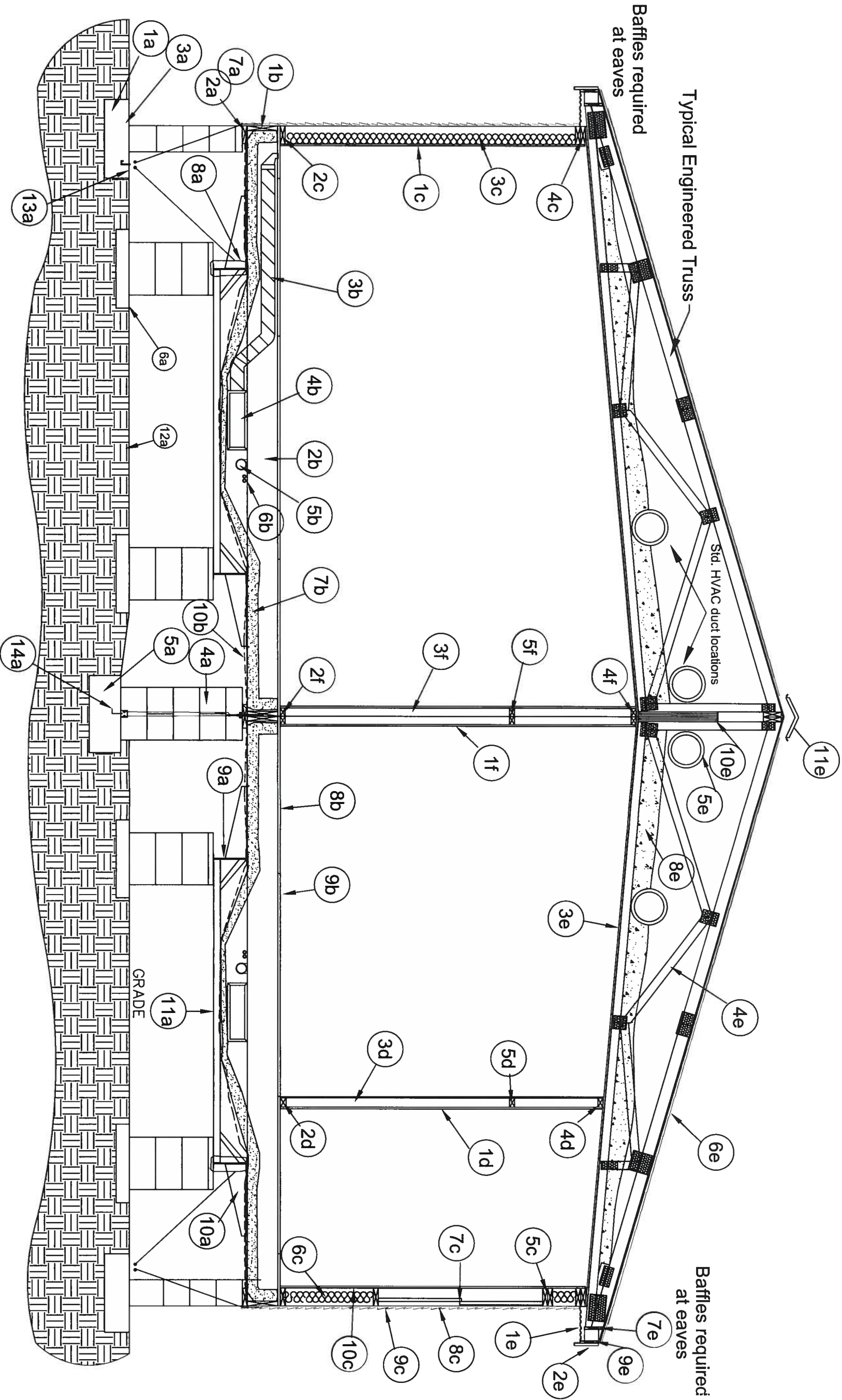


Sheet Title: FRONT & REAR ELEVATIONS		Drawing Information Model Number: 340CC30764BMO Sales Name: COLLINS CRAFT Series: BB Date: 11/10/18 Serial #: BB		P.E. William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic. # 42712 Plant Information		Plant Number: 69 © Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved	
Sheet Number A2.01		Customer: Hilborn, Werner, Carter and Associates(HWC) 1627 South Myrtle Ave Clearwater, FL 33756		Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566		Palm Harbor Homes, Inc. All Rights Reserved	
Sheet 1 of 1		State: FL		Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566		Palm Harbor Homes, Inc. All Rights Reserved	
Plan #: 2102-1473F		Listing Agency Approval These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria: CONST. TYPE: VB OCCUPANCY: SFD ALLOWABLE NO. OF FLOORS: 1 WIND VELOCITY (150 MPH SEC) FIRE RATING OF EXTERIORS: 0 PLAN NO.: 2102-1473F LOAD: 40 APPROVAL DATE: 11/14/18 MANUFACTURER: PHH HIGH VELOCITY HURRICANE ZONE: NO		MUR 293 PHH		Palm Harbor Homes, Inc. All Rights Reserved	



- Notes:
1. Roof ventilation may be accomplished through the use of either ventilated eaves, roof vents or ridge ventilation. Either or all of these methods may also be used separately or in combination to provide the minimum required roof ventilation of $\frac{1}{500}$ OR $\frac{1}{500}$, see Florida Energy Calculations.
 2. Roof overhang (eave) sizes may vary. Roof overhangs are typically a nominal 12" eave or approximately 11 1/4" wide.
 3. Bath exhaust fans (ventilated air) shall exhaust directly to the exterior of the home and shall not exhaust into the roof and/or other concealed cavity or area.
 4. The elevations shown above are typical and may vary due to optional and/or custom features or specific customer requests.
 5. Siding may be approved vinyl or cementitious and either vertical or horizontal per manufacture's instructions.
 6. Steps and handrails are installed onsite by others or at the factory at the factory's discretion.
 7. If window sills are greater than 72" from grade and less than 24" above finish floor, builder is responsible for providing and installing window guards.
 8. Exterior doors are fiberglass unless otherwise noted on the plans.
 9. When shingles are installed, they are fiberglass, wind resistance: D3161 "Class F" - resistance to fire: "CLASS A".
 10. Windows are Low-E, insulated.

Sheet Title: RIGHT & LEFT ELEVATIONS		Sheet Number A2.02		Sheet 1 of 1		Plan #: 2102-1473F	
MUR 261		P.E. William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic. # 42712 Plant Information		Plant Number: 69		© Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved	
Drawing Information Model Number: 340CC30764BMO Sales Name: COLLINS CRAFT Series: COLLINS CRAFT Drawn by: BB Serial #: --		Date: 11/10/18		Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566			
Customer: 1st Party Hilborn, Werner, Carter and Associates(HWC) 1627 South Myrtle Ave Clearwater, FL 33756		State: FL		LISTING AGENCY APPROVAL These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria: CONSTR. TYPE: VB OCCUPANCY: SFD ALLOWABLE NO. OF FLOORS: 1 WIND VELOCITY (150 MPH SEC) ENGINEERING: 0 PLAN NO.: 2102-1473F MANUFACTURER: PHH APPROVAL DATE: 11/14/18 HIGH VELOCITY HURRICANE ZONE: NO			



Plant Number:
69

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P.E. William H. "Rob" Roberts, P.E.
607 South Alexander Street
Suite #201
Plant City, Florida 33563
Lic # 42712
Plant Information

Palm Harbor Homes, Inc.
605 S. Frontage Road
Plant City, Florida 33566

Drawing Information	
Model Number:	340CC30764BMO
Sales Name:	
Series:	COLLINS CRAFT
Drawn by:	BB
Date:	11/10/18
Serial #:	--

Customer: **Hilborn, Werner, Carter and Associates (HWC)**
1627 South Myrtle Ave
Clearwater, FL 33756

State: **FL**
LISTING AGENCY APPROVAL
These prints comply with the Florida
Manufactured Building Act of 1979
Construction Code and adhere to the
following criteria:
CONST. TYPE: **VB**
OCCUPANCY: **1**
ALLOWABLE NO. OF FLOORS: **1**
WIND VELOCITY (150 MPH 3 SEC): **0**
FIRE RATING OF EXT. WALLS: **2102-1473F**
PLAN NO.: **2102-1473E**
ALLOW. FLOOR LOAD: **40**
APPROVAL DATE: **11/15/18**
MANUFACTURER: **PHH**
HIGH VELOCITY HURRICANE ZONE: **NO**

MUR 261 **UWG**

Sheet Title:	
ON FRAME CROSS SECTION	
Sheet Number	A3.01
Sheet	1 of 1
Plan #:	2102-1473F

Typical Foundation System

- 1a. Concrete runner and piers
- 2a Pressure treated sill plate blocking as required
- 3a. Termite Shield around full perimeter
- 4a/5a Pier support and footers @ columns
- 6a Concrete pad and piers
- 7a Termite shield around full perimeter
- 8a Lags/washers @ I-beam to joists (factory installed)
- 9a Main Frame I-beam
- 10a Factory outriggers
- 11a Factory cross members
- 12a 6-mill poly
- 13a Double head J-anchors along each sidewall footer
- 14a Double head J-anchors at centerline column footers for large openings

Floor System

Floor Joists

- 1b. Single rim joist – opt. double.
2b Floor joists:

Up to 164" unit width, 2x6 #2 S.P.F. 16" O.C. max. or
2x8 #2 S.P.F. @ 24" O.C., 165" up to 180" unit width, 2x8
#2 S.P.F. 24" O.C., Up to 186" unit width, 2x8 #2 S.P.F. 16"
O.C. max

- 3b. Insulated duct – sized per manual D
- 4b. Insulated, fiberglass duct board
- 5b. Drain lines, see model layout for material types and sizes
- 6b. PEX water distribution system – see model layout for sizing
- 7b. Floor insulation, fiberglass batts or blanket, cellulose, or foam

- see Energy Calculations for R-value
- 8b. Floor sheathing – OSB or Plywood, $\frac{5}{8}$ " or $\frac{3}{4}$ ".
- 9b. Floor covering – vinyl, carpet, wood laminate, or ceramic tile
- 10b. Bottom board vapor and air barrier

Exterior wall

- 1c. $\frac{1}{2}$ " or $\frac{3}{8}$ " gypsum, painted or vinyl clad
- 2c. Min. 2x4 bottom plate, 2x6 optional
- 3c. 2x4 wall studs, optional 2x6
- 4c. Double top plate on 2x4 walls, single top plate 2x6 walls
- 5c. Opening headers

- 6c. Insulation per approved calculations with model package
- 7c. Windows and doors
- 8c. Rated sheathing
- 9c. Exterior siding – vertical or horizontal cementitious, or vertical or horizontal vinyl – requires weather-resistant (house wrap)
- 10c Vapor barrier, may be omitted with foam insulation

Interior walls

- | | |
|----|--|
| 1d | 1/2" or 3/8" gypsum, painted or vinyl clad |
| 2d | Min. 2x3 bottom plate |
| 3d | Min. 2x3 wall studs |
| 4d | Min. 2x3 top plates |
| 5d | Opening header when required |

Roof System

- 1e. Soffit
- 2e. Fascia
- 3e. $\frac{1}{2}$ " high strength gypsum or approved suspended ceiling material.
- 4e. Engineered trusses spaced per truss and model design on factory taper—cut trusses
- 5e. Optional overhead ducts
- 6e. Shingles or ribbed metal over OSB roof sheathing
- 7e. Truss rim rail
- 8e. Insulation per approved calculations with model package
- 9e. Minimum 1x6 sub—fascia.
- 10e. Ridge beam

- 3 Layer Beam
- 4 Layer Beam
- Open Beam
- LVL or LSL
- 11e Upper Roof Vent Handle as:
Vented Ridge cap (as shown)
Roof caps

Marriage Wall

- | | |
|----|--|
| 1f | 1 1/2" gypsum - |
| | Factory finished or finished on site: |
| | Alternate Drywall: Vinyl covered gypsum. |
| 2f | Min. 2x3 Bottom plate |
| 3f | Min. 2x3 Wall stud |
| 4f | Min. 2x3 top plate |

ALL FOUNDATION SPECIFICATIONS ARE TYPICAL AND DESIGNED AND CONSTRUCTED ON SITE BY OTHERS

[illegible]

GENERAL ELECTRICAL NOTES:

1. Exterior receptacles outlets shall be weather resistant, gfi protected and installed with covers approved for outdoor installation.
2. Cross over connection between modules is accomplished by using 'amp' wire connectors, supplied by connector manufacturer.
3. All electrical components must be ul. approved and installed per listing and manufacturer's installation instructions.
4. Smoke alarms are interconnected for simultaneous activation with battery backup. All smoke alarms are equipped with a 'push button' feature.
5. All 125 volt, single phase, 15 and 20 ampere receptacles serving countertop surfaces in kitchen area to have ground-fault circuit interrupter protection for personnel, and arc-fault protection.
6. All wiring is nm-cable unless otherwise noted.
7. All bath exhaust fans must exhaust directly to the exterior.
8. Additional outlets and lights may be added (in addition to those shown on the approved details) without re-approval.
9. All general purpose outlets are required to be on arc-fault circuits, except bathrooms, exterior receptacles, and Jacuzzi.
10. Boxes used at fixtures in the ceiling must be rated for a minimum of 50 pounds. When lights are installed on the wall, the box must to be listed for that purpose and list its weight capacity, if less than 50 pounds. fixtures weighing more than 50 pounds will be supported independently of the box.
11. Egress path must be maintained to the panel box.
12. Tamper resistant recepts must be installed in kitchens, family rooms, dining rooms, living rooms, parlors, libraries, dens, sunrooms, bedrooms, recreation rooms, or areas of a dwelling unit.
13. Exterior recepts are required at every balcony, deck, and porch regardless of where it is on the building. The recept is not required if the balcony, deck, or porch is less than 20 s.f..
14. All circuits and equipment shall be installed and grounded in accordance with the appropriate articles of the National Electrical Code (NEC) that is adopted by the State of Florida, at the time of construction of the building.
15. When light fixtures are installed in closets, they shall be surface mounted or recessed. Incandescent fixtures shall have completely enclosed lamps. Surface mounted incandescent fixtures shall have a minimum clearance of 12 inches and all other fixtures shall have a minimum clearance of 6 inches from any 'storage area.'
16. When water heaters are installed, they shall be provided with readily accessible disconnects adjacent to the water heaters served. The branch circuit switch DR circuit breaker shall be permitted to be as the disconnecting means only where the switch DR circuit breaker is within sight of the water heater DR is capable of being locked in the open position. When water heaters are not installed at the factory, the means of disconnect shall be designed and installed on-site, by others.
17. HVAC shall be provided with readily accessible disconnects (installed on-site, by others) adjacent to the equipment being served. A unit switch with a marked 'OFF' position that is part of the HVAC equipment and disconnects ALL ungrounded conductors shall be permitted to to be as the disconnecting means where other disconnecting means are also provided by a readily accessible circuit breaker.
18. When the main electrical service panel is not installed at the factory, the main electrical panel and feeders are to be designed by others, site installed and subject to local jurisdiction approval.
19. ALL circuits crossing over module marriage line(s), shall be site connected with approved accessible junction boxes DR cable connectors.
20. ALL receptacles installed in wet locations (exterior) shall have a weather proof (wp), the integrity of which is not effected when an attachment plug cap is inserted or removed.
21. Ceiling fans shall be 80 inches minimum, from the bottom of the blades to the finished floor.
22. ALL electrical components shall be UL. Listed and installed in accordance with that listing.
23. Receptacles intended to service bathroom lavatories shall not be located more than 36" away from said lavatory.
24. Breakers and wire sizing may be changed if optional or custom appliances or devices are installed in the building, ALL breakers and wiring shall be sized in accordance with applicable sections of the N.E.C.
25. Switches, receptacles, and other fixtures or devices may be relocated from the locations shown on the approved details due to construction restraints. ALL locations shall comply with applicable sections of the N.E.C.
26. All 3-way switches are to be wired using 14-3 wire unless otherwise noted on plan.
27. Communication ports are typically not shown on approved plans but are required to be installed per NEC 800.156. At management's discretion, they may either be installed in the factory or on site by others. When installed on site, the location and installation are the responsibility of the builder.
28. 75% of all permanently installed lighting fixtures shall have high efficacy lamps

	GENERAL LIGHTING		MAIN PANEL BOX	\$	SWITCH	\$3	3-WAY SWITCH		EXHAUST-CELL'G FAN		UNDER CABINET LIGHT
	SMALL APPLIANCE		WALL MOUNTED FIXTURE	▼	PHONE		CABLE PREP		HEAT TAPE RECEPT		USB CHARGING STATION / 120 V Outlet
	GFI PROTECTED		CEILING MOUNTED FIXTURE				RECESSED FLUORESCENT		RECESSED LIGHT		LIGHTED EXHAUST FAN
	220V APPLIANCE		RECESSED CAN LIGHT				SURFACE FLUORESCENT		CEILING FAN OR CEILING FAN PREP		CEILING FAN/LIGHT OR CEILING FAN/LIGHT PREP
	SMOKE ALARM		PENDANT LIGHT				THERMOSTAT		WHOLE HOUSE FAN		
	CARBON MONOXIDE / SMOKE DETECTOR		LED LIGHT CEILING MOUNTED FIXTURE				SURFACE LIGHT RATED FOR WET AREA		DOOR CHIME BOX (WIRELESS)		2x4 SURFACE FLUORESCENT
			FACTORY WIRED CABLE, PHONE, NETWORK, 15/20 AMP RECEPTACLE.								

NEC – 2014

MAIN BREAKER 200 AMP

Notes:
1. (G/A) = GFI AND ARC FAULT
2. (A/F) = Arc Fault

AMP. WIRE SIZE	DESCRIPTION	CIR. NO.	PANEL SPACE	CIR. NO.	DESCRIPTION	AMP. WIRE SIZE
PER MFG	WATER HEATER (4500W/240V)	1	*	2	RANGE OR OVEN	PER MFG
20	12-2*	APPLIANCE	3(G/A)	*	GEN. LIGHTING	15
20	12-2*	APPLIANCE	5(G/A)	*	GEN. LIGHTING	15
20	12-2*	APPLIANCE	7(A/F)	**	GEN. LIGHTING	15
20	12-2*	APPLIANCE (SPARE)	9(A/F)	*	GEN. LIGHTING	15
15	14-2*	OPT. D.W.	11(G/A)	*	BATH G.F.I.	20
20	12-2*	LAUNDRY	13(G/A)	**	ELECTRIC HEAT-A/C	PER MFG
30	10-3*	CLOTHES DRYER	15	*	COOK-TOP	PER MFG
15	14-2*	OPT. DISPOSAL	17 (A/F)	*	SMOKE ALARMS	15
20	12-2*	OPT. FREEZER	19(G/A)	*	EXTERIOR GFI	20
15	14-2*	OPT. JACUZZI G.F.I.	21	*	SPARE	15
20	12-2*	OPT MICROVAVE	23(A/F)	*	SPARE	15
PER MFG	PER MFG	OPT CONDENSER	25	**	SPARE	15
20	12-2*	OPTIONAL ELEVATOR	27	*		

SERIAL NUMBER: NA
MODEL NUMBER: SEE TITLE BLOCK

GENERAL LOADS	VA	KVA
TOTAL UNIT A.C. SQUARE FEET	2,000	6,000
NO. OF 20-AMP APPLIANCE OUTLET CIRCUITS	2	3,000
LAUNDRY CIRCUIT	1	1,500
SUBTOTAL	10,500	10.5
NAME PLATE RATINGS		
RANGE	1	8,000
WATER HEATER	1	5,500
DISH WASHER	1	1,400
CLOTHES DRYER	1	5,000
GARBAGE DISPOSAL	1	1,500
COOK TOP	0	0
WALL OVEN	0	0
MICROWAVE	1	1,500
OPT FREEZER	1	1,500
JACUZZI	1	1,500
ELEVATOR	0	0
WARMING DRAWER	0	0
STEAM GENERATOR	0	0
RESERVED	0	0
SUBTOTAL	25,900	25.9
TOTAL GENERAL & NAME PLATE	36,400	36.4
FIRST 10 KVA AT 100%	10,000	10.0
RAMAINDER AT 40%	10,560	10.6
WORST CASE HVAC AT 100% (ASSUMED)	1	15,800
NOTE: LOCAL SITE ELECTRICAL/HVAC CONTRACTOR TO VERIFY ADEQUACY OF HVAC ELECTRICAL LOAD IN PANEL CALCULATIONS.		
TOTAL PANEL BOX LOAD	36,360	36.4
MINIMUM PANEL BOX AMPERAGESIZE	36,360 /240 =	152
SIZE AMP PANEL BOX INSTALLED	120/240 V, 1ø	200
MIN. NO. OF GENERAL LIGHTING CIRCUITS		4

ELECTRICAL NOTES

Sheet Number E0.01

Sheet 1 of 1

Plan #: 2102-1473F

MUR 261



NO

Grid Party
Hilborn, Werner Carter and Associates (HWC)
1627 South Myrtle Ave
Clearwater, FL 33756

State:
LISTING AGENCY APPROVAL

These prints comply with the Florida Manufactured Building Act of 1979

following criteria:

CONSTR. TYPE: VB

OCCUPANCY: SD

ALLOWABLE NO. OF FLOORS: 1

WIND VELOCITY 150 MPH (13 SEC)

FIRE RATING OF EXT. WALLS: 0

PLAN NO.: 2102-1473F

ALLOW. FLOOR LOAD: 40

APPROVAL DATE: 11/14/18

MANUFACTURER: PHH

HIGH VELOCITY HURRICANE ZONE: NO



Plant Number: 69

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William H. "Rob" Roberts, P.E.
607 South Alexander Street
Suite #201
Plant City, Florida 33563
Lic # 42713
Plant Information

Palm Harbor Homes, Inc.
605 S. Frontage Road
Plant City, Florida 33566

Drawing Information

Model Number: 340CC30764BMO

Sales Name:

Series: COLLINS CRAFT

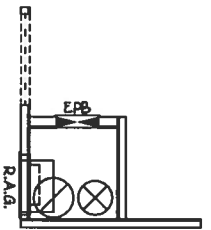
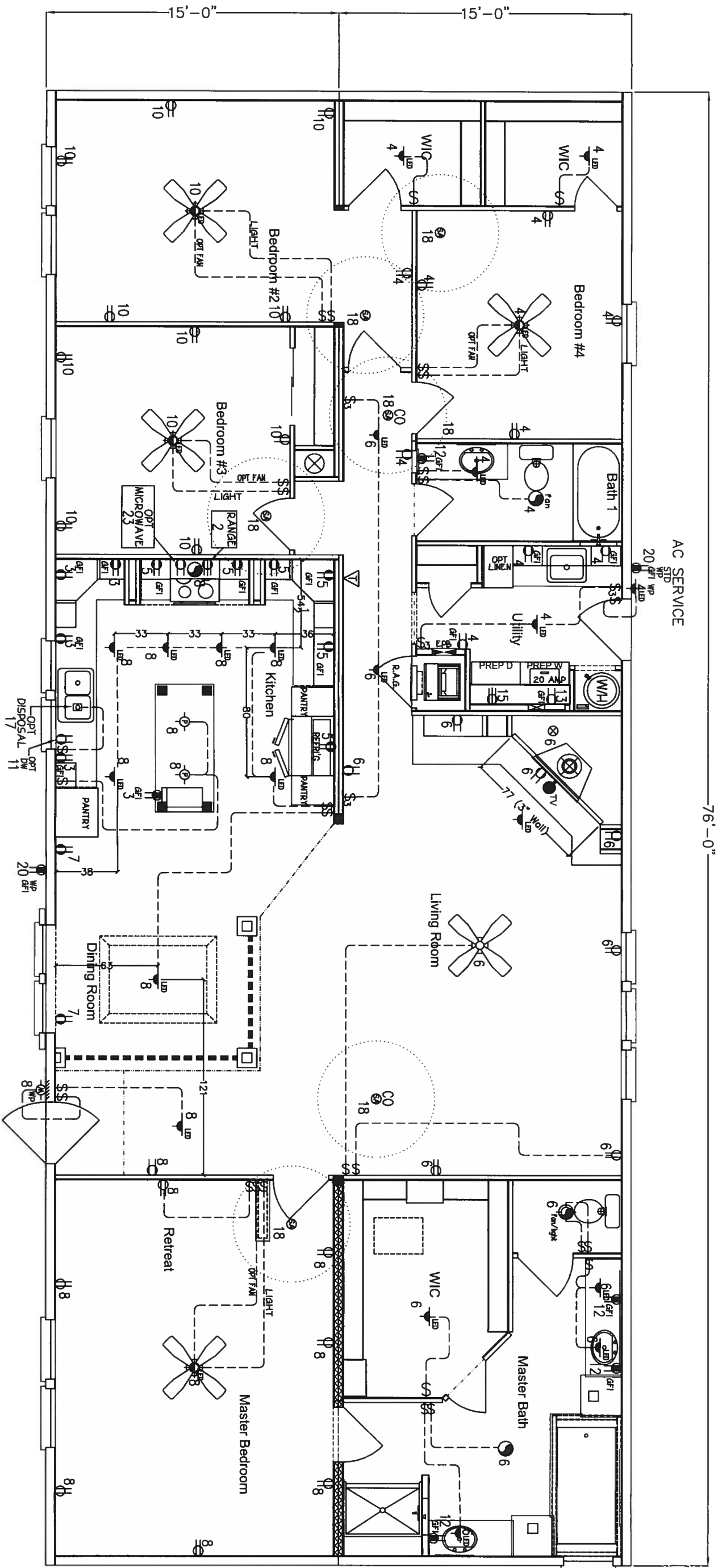
Drawn by: BB

Date: 11/10/18

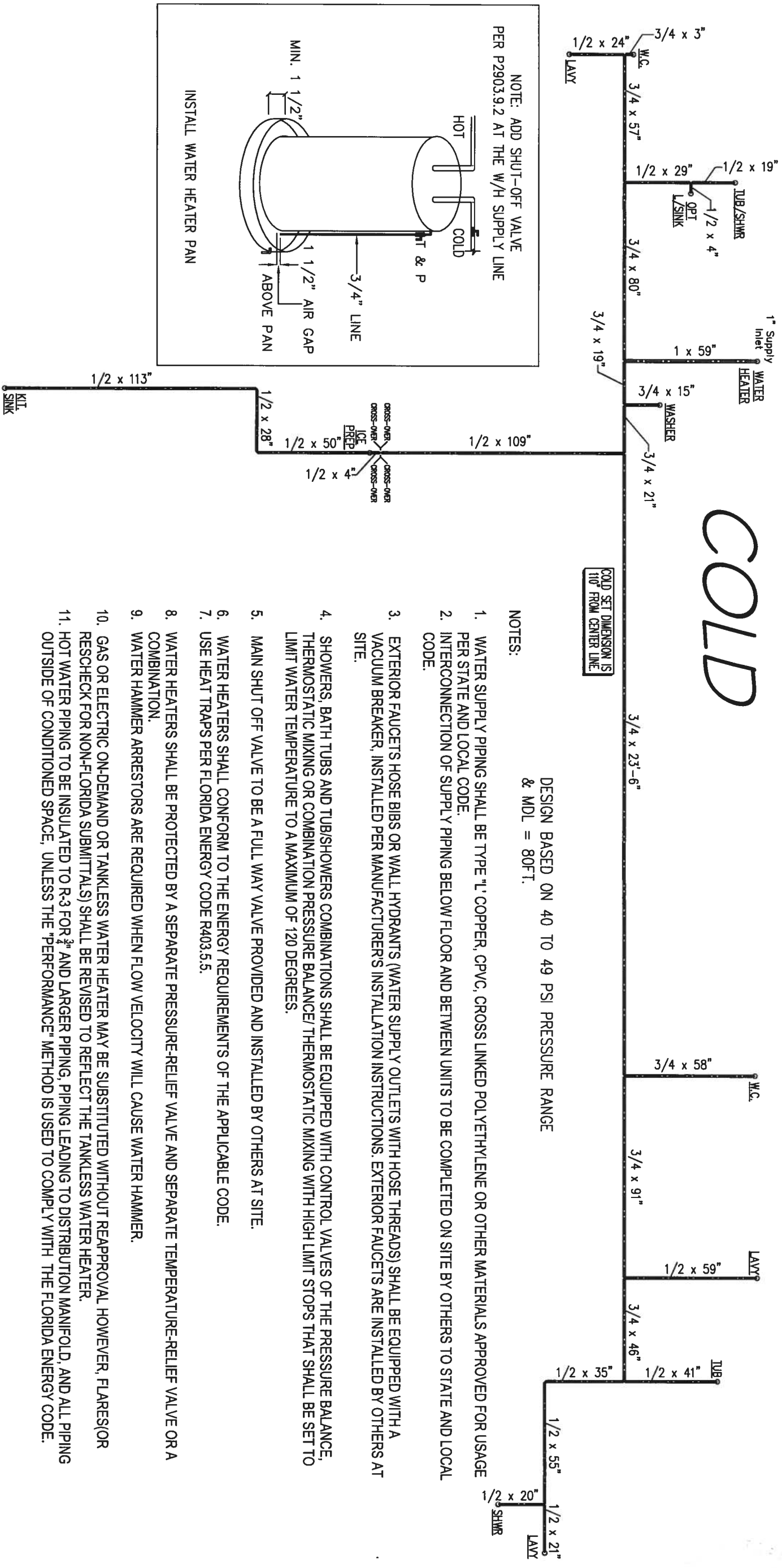
Serial #:

Customer:

Dealer:

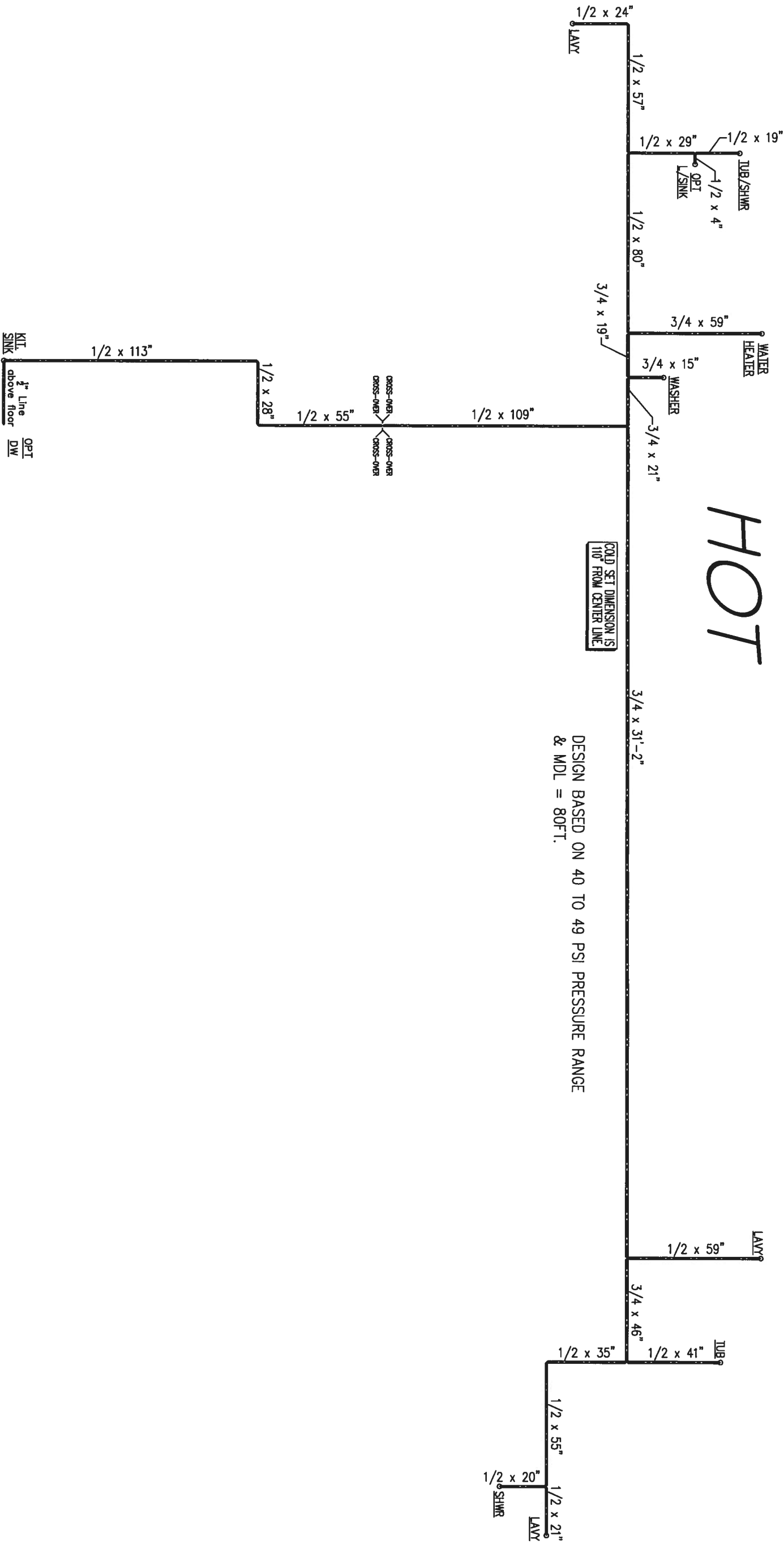


Sheet Title: ELECTRICAL PLAN		Drawing Information Model Number: 340CC30764BMO Sales Name: Series: COLLINS CRAFT Drawn by: BB Date: 11/10/18 Serial #:		P.E. William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic. # 42712 Plant Information Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566		Plant Number: 69 © Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved	
Sheet Number E1.01		Customer: Hilborn, Werner Carter and Associates (HWC) 1627 South Myrtle Ave Clearwater, FL 33756		Listing Agency Approval: These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria: CONST. TYPE: VB OCCUPANCY: SFD ALCOHOLABLE NO.: 1 WIND VELOCITY: 150 U.L.T. (SEC.) FIRE RATING OF EXT. WALLS: 0 PLAN NO.: 2102-1473F ALLOW. FLOOR LOAD: 40 APPROVAL DATE: 11/14/18 MANUFACTURER: PHH		MUR 261 HIGH VELOCITY HURRICANE ZONE: NO	
Sheet 1 of 1		Plan #: 2102-1473F					



- DESIGN BASED ON 40 TO 49 PSI PRESSURE RANGE
& MDL = 80FT.
- NOTES:
- 1. WATER SUPPLY PIPING SHALL BE TYPE "L" COPPER, CPVC, CROSS LINKED POLYETHYLENE OR OTHER MATERIALS APPROVED FOR USAGE PER STATE AND LOCAL CODE.
 - 2. INTERCONNECTION OF SUPPLY PIPING BELOW FLOOR AND BETWEEN UNITS TO BE COMPLETED ON SITE BY OTHERS TO STATE AND LOCAL CODE.
 - 3. EXTERIOR FAUCETS HOSE BIBS OR WALL HYDRANTS (WATER SUPPLY OUTLETS WITH HOSE THREADS) SHALL BE EQUIPPED WITH A VACUUM BREAKER, INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. EXTERIOR FAUCETS ARE INSTALLED BY OTHERS AT SITE.
 - 4. SHOWERS, BATH TUBS AND TUB/SHOWERS COMBINATIONS SHALL BE EQUIPPED WITH CONTROL VALVES OF THE PRESSURE BALANCE, THERMOSTATIC MIXING OR COMBINATION PRESSURE BALANCE/ THERMOSTATIC MIXING WITH HIGH LIMIT STOPS THAT SHALL BE SET TO LIMIT WATER TEMPERATURE TO A MAXIMUM OF 120 DEGREES.
 - 5. MAIN SHUT OFF VALVE TO BE A FULL WAY VALVE PROVIDED AND INSTALLED BY OTHERS AT SITE.
 - 6. WATER HEATERS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE APPLICABLE CODE.
 - 7. USE HEAT TRAPS PER FLORIDA ENERGY CODE R403.5.5.
 - 8. WATER HEATERS SHALL BE PROTECTED BY A SEPARATE PRESSURE-RELIEF VALVE AND SEPARATE TEMPERATURE-RELIEF VALVE OR A COMBINATION.
 - 9. WATER HAMMER ARRESTORS ARE REQUIRED WHEN FLOW VELOCITY WILL CAUSE WATER HAMMER.
 - 10. GAS OR ELECTRIC ON-DEMAND OR TANKLESS WATER HEATER MAY BE SUBSTITUTED WITHOUT REAPPROVAL HOWEVER, FLARES(OR RESCHECK FOR NON-FLORIDA SUBMITTALS) SHALL BE REVISED TO REFLECT THE TANKLESS WATER HEATER.
 - 11. HOT WATER PIPING TO BE INSULATED TO R-3 FOR 1/2" AND LARGER PIPING. PIPING LEADING TO DISTRIBUTION MANIFOLD, AND ALL PIPING OUTSIDE OF CONDITIONED SPACE, UNLESS THE "PERFORMANCE" METHOD IS USED TO COMPLY WITH THE FLORIDA ENERGY CODE.

Sheet Title: COLD SUPPLY LINES		Sheet Number P1.02		Sheet 1 of --		Plan #: 2102-1473F	
MUR 261				HIGH VELOCITY HURRICANE ZONE		NO	
State: FL		LISTING AGENCY APPROVAL This project has been reviewed and approved by the Florida Department of Building and Safety pursuant to the Manufactured Building Act of 1978. Construction Code and adhere to the following criteria:		CONST. TYPE VB		OCCUPANCY SFD	
ALLOWABLE NO. OF FLOORS 1		WIND VELOCITY 150 U.L.T. (3 SEC) FIRE RATING OF EXT. WALLS 0		PLAN NO. 2102-1473F		ALLOW. FLOOR LOAD 40	
APPROVAL DATE 1/15/18		MANUFACTURER PHH		APPROVAL DATE 1/15/18		MANUFACTURER PHH	
Customer: Hilborn, Werner, Carter and Associates(HWC) 1627 South Myrtle Ave Clearwater, FL 33756		Bid Party Hilborn, Werner, Carter and Associates(HWC) 1627 South Myrtle Ave Clearwater, FL 33756		Dealer: --		Drawing Information Model Number: 340CCC30764BMO Sales Name: -- Series: COLLINS CRAFT Drawn by: BB Date: 11/10/18 Serial #: --	
P.E. William r.t. "Rob" Robert's, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic. # 42712 Plant Information		Plant Number: 69 		Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566		© Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved	



DESIGN BASED ON 40 TO 49 PSI PRESSURE RANGE
& MDL = 80FT.

Sheet Title: HOT SUPPLY LINES		Sheet Number P1.03		Sheet 1 of 1		Plan #: 2102-1473F	
MUR 261 UWG		HIGH VELOCITY HURRICANE ZONE NO		State: FL		LISTING AGENCY APPROVAL These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria: OCCUPANCY VB CONST. TYPE SFD ALLOWABLE NO. OF FLOORS 1 WIND VELOCITY (50 LIFT 3 SEC) FIRE RATING OF EXT. WALLS 0 PLAN NO. 2102-1473F ALLOW. FLOOR LOAD 40 APPROVAL DATE 11/14/18 MANUFACTURER PHH	
3rd Party Hilborn, Werner, Carter and Associates (HWC) 1627 South Myrtle Ave Clearwater, FL 33756		Customer: 1		Dealer: 1		Drawing Information Model Number: 340CC30764BMO Sales Name: -- Series: COLLINS CRAFT Drawn by: BB Date: 11/10/18 Serial #: --	
P.E. William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic. # 42712		Plant Number: 69		Palm Harbor Homes © Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved		Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566	

Shear Wall Table Notes:

Numbers shown in table column headings (1) through (9) for one story, (1) through (11) for 2 story), correspond with note numbers.Refer to floor plan(s) for shear wall locations corresponding to alpha-numeric designation in 1st column of table.



1. Design Shear Values are based on the WFCM – 2001 Edition. All values for DSV and fastening is based on S-P-F lumber, unless otherwise specified.
2. Indicates whether sheathing is required one side only with interior covering, or required both sides of wall with interior covering over sheathing.
3. Nails may either be 6d Common (0.113x1 5/8) or 8d Common (0.131x 1 3/4). 8d nails yield better DSV's.
4. Edge / Field spacing, Edge fastening is into each framing member. When sheathing overlap onto rim joist is not used and 2/12 shearwall sheathing fastening is required, it also requires double top and bottom plates.
5. Number and minimum length of each shear wall section within each end wall.
6. indicates number of framing members required each end of each shear section. Minimum framing as indicated in table header.
7. indicates the number of rows of nails spaced @ 2" o.c., through the sheathing overlap onto the floor framing.
8. Alternatively, screws may be used at x/y, where x=number of rows and y=number of screws per foot for each row. Connection is through the bottom plate into floor joists with minimum 2-1/2" penetration. When double plates are required per Note (6), make sure to increase fastener length.
9. Top plate to rafter or ceiling joist is the spacing (inches o/c) with #8 screws or 0.131" diameter nails with 1-3/8" minimum penetration into receiving member.
10. For 2 story only: The 2x , factory installed bearing plate at each end at the very top of the lower story must be fastened to the ceiling framing with #10 x 3" screws spaced (inches on center) per table. Factory installed Note: column 10 is not displayed for one story or cape applications.
11. For 2 stories, on-site connection is required between the upper and lower story using #10x3" screws (toed), installed through the upper story end joist into the lower story, factory installed 2x bearing plate of the lower story, spaced per column 11.

Special Note: With hinged roof, the truss above the end wall (shear wall) must be sheathed after erection. In the case of a porch, the truss above the end wall at the main roof to porch transition, must be sheathed for a minimum of 48" length, anywhere along the truss and fastened to truss chords with 8d common nails spaced per column "Porch Truss". Sheathing in spaces between the chords greater than 24" must be stiffened with a 2x3 vertical member, fastened to sheathing with the same nails at 2" o.c.

See Shearwall tables on other pages in this package.

Shear Wall General Notes:

1. LSAB1 and 2 represent longitudinal shear sections for unit with A and B end shearwalls.LSCD1 and 2 represent longitudinal shear sections for unit with C and D end shearwalls, respectively. The table notes above (except (6)) apply.
2. How to read Roof Diaphragm Connection Table: Check "Dd Fast'g" column. If "N/A" is displayed, no special fastening required in End Zone.Use the required spacing column for at least the distance tabulated in the first non-zero column, then the spacing in that column is required to the distance in the next column to the right and so forth or the Req'd Spacing can be used throughout.If double fastening is required for any of the shear wall conditions (A,B,C or D), the fastening must be maintained to the first truss at or beyond the distance shown in the first column (A) of the single fastener spacing table, for the respective shear wall, or, when that column is zero, to the first non-zero distance of any of the other columns (B to E) to a distance of any of the other tabulated fastening requirements (Columns B to E).
3. When Roof Diaphragm construction requires special fastening within the end zone(s), the fastening displayed is doubled, i.e: 2 fasteners @ each location. Example: Dd1 @ 6/6 means 2 fasteners each at 6" o.c. field and 2 each at 6" o.c. perimeter. The fastening is required within distance from the roof end as displayed (ft) or next truss. 'N/A' means the end zone fastening is the same as normal.
4. If the wind speed determined for the seismic zone is higher than the speed from the wind map for the home site, it need only be applied to construction requirements for shearwall, diaphragms and shearwall anchorage / foundation designs. It must also be applied to connections for wall to floor and wall to roof. All other construction is to be according to the actual wind speed for the site.

Sheet Title: SHEARWALL NOTES		Sheet Number S0.01		Sheet 1 of 1		Plan #: 2102-1473F	
MUR 261				HIGH VELOCITY HURRICANE ZONE NO		State: LISTING AGENCY APPROVAL These prints comply with the Florida Manufactured Building Act of 1979. Construction Code and adhere to the following criteria: OCCUPANCY: VB CONST. TYPE: STD WIND VELOCITY (150 MPH 3 SEC): 1 FIRE RATING OF EXT. WALLS: 0 PLAN NO.: 2102-1473F ALLOW. FLOOR LOAD: 40 APPROVAL DATE: 1/14/17 MANUFACTURER: PHH	
3rd Party Hilborn Werner Carter and Associates(HWC) 1627 South Myrtle Ave Clearwater, FL 33756		Drawing Information Model Number: 340CC30764BMO Sales Name: Series: COLLINS CRAFT Drawn by: BB Date: 11/10/18 Serial #:		P.E. William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic # 42712 Plant Information Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566		Plant Number: 69  © Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved	

150 MPH Vult NON ELEV

Design Wind Speed is ultimate mph per ASCE 7-10
See appropriate Risk Category map for site location

Shear Wall Requirements

Wind Speed:150 Max Elev:36" 24" O.C.-TYP
Side Wall HT:108" Exposure:D MRH:20 FT. Framing:2x6

Shear Wall	Min. PLF (1)	Sheathed Sides # (2)	Nails (3)	Spacing (4)	SW Sections (5)	End Stud # (6)	Rows of Nails in Overlap # (7)	# of Straps at SW End Stud (7a)	#10 Screws/Ft Each Row (8)	Top Plate to Rafter (9)	Porch Truss (10)
A1	481	1	8d	4/6	96	2	3	N/A	or 1/4	3 1/4	N/A
B1	481	1	8d	4/6	96	2	3	N/A	or 1/4	3 1/4	N/A
LSAB1	256	1	8d	6/6	60	N/A	2		or 1/2	6 1/8	N/A
LSAB2	256	1	8d	6/6	60	N/A	2		or 1/4	6 1/8	N/A
C1	481	1	8d	4/6	96	2	3	N/A	or 1/4	3 1/4	N/A
D1	481	1	8d	4/6	96	2	3	N/A	or 1/4	3 1/4	N/A
LSCD1	256	1	8d	6/6	60	N/A	2		or 1/2	6 1/8	N/A
LSCD2	256	1	8d	6/6	60	N/A	2		or 1/4	6 1/8	N/A

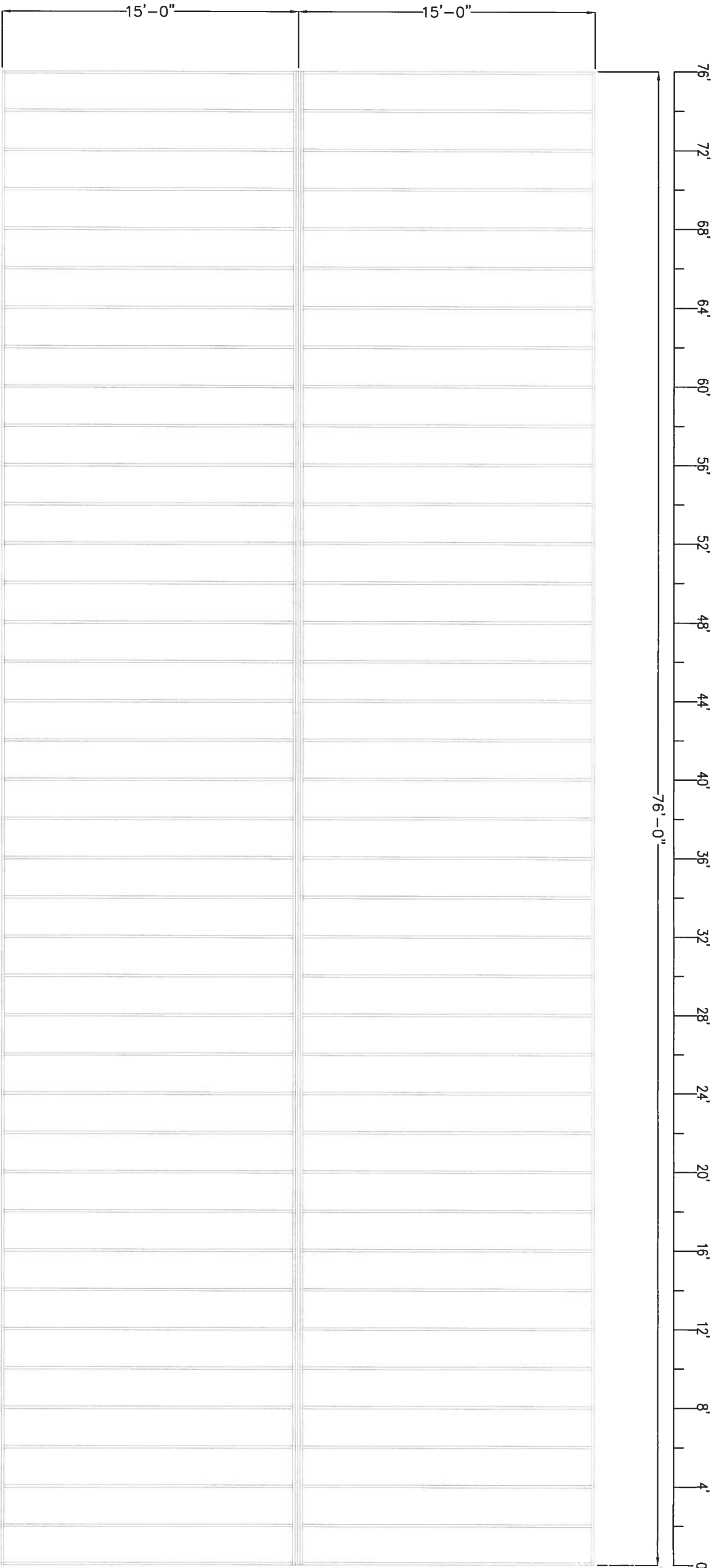
Truss Spacing: 24"
Minimum Roof Diaphragm Connections using: 8d BOX

ASCE 7-10

Diaphragm Connections			Spacing w/Single Fasteners				
@ Shear Wall	Dbl Fast'g	Req'd Spacing	D1(ft.)	D2(ft.)	D3(ft.)	D4(ft.)	D5(ft.)
A	Dbl @4/8	see Dbl col	3/3	3/6	3/12	4/12	6/12
B	Dbl @4/8	see Dbl col	6	13	16	19	23
C	Dbl @4/8	see Dbl.col	6	13	16	19	23
D	Dbl @4/8	see Dbl.col	6	13	16	19	23

COLUMNS RANCH STORY									
ROOF LOAD: 20 PSF WIND SPEED: 150 MPH Vult									
NO.	26 GA STRAP	TYPE	NUM	STUD LENGTH	SIZE	BLK	FLOOR WIDTH	SPAN	LOAD
1T	3	1	4	108	2x3	N	180	18'-2"	2384
1B	3	1	4	108	2x3	N	180	18'-2"	2384
2T	3	1	4	108	2x3	N	180	18'-2"	2384
2B	3	1	4	108	2x3	N	180	18'-2"	2384
3T	1	1	2	108	2x3	N	180	5'-9"	755
3B	1	1	2	108	2x3	N	180	5'-9"	755
4T	1	1	2	108	2x3	N	180	5'-9"	755
4B	1	1	2	108	2x3	N	180	5'-9"	755

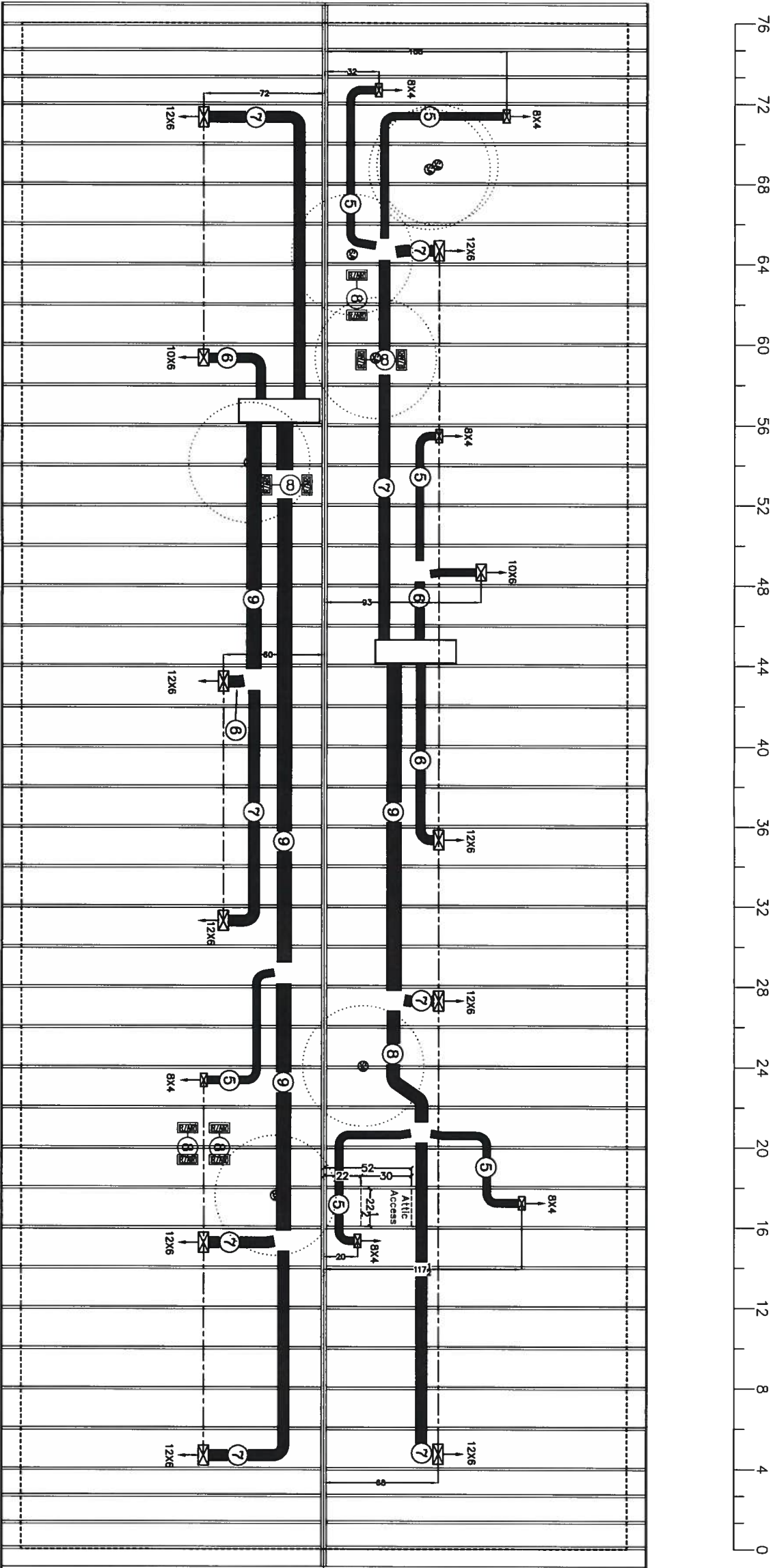
Sheet Title: COLUMN & SHEARWALL TAB	Sheet Number S0.02	Sheet 1 of -	Plan #: 2102-1473F	<div>MAJOR 2nd Party Hillborn Werner Carter and Associates(HWC) 1627 South Myrtle Ave Clearwater, FL, 33756</div> <div>State: FL</div> <div>LISTING AGENCY APPROVAL These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria: CONST. TYPE: VB OCCUPANCY: SFD ALLOWABLE NO. OF FLOORS: 1 WIND VELOCITY (150 MILES PER HOUR): 150 FIRE RATING OF EXT. WALLS: 0 PLAN NO.: 2102-1473F ALLOW. FLOOR LOAD: 40 APPROVAL DATE: 11/12/18 MANUFACTURER: PHH HIGH WIND ZONE: NO</div>	<div>Drawing Information Model Number: 340CC30764BMO Sales Name: - Series: COLLINS CRAFT Drawn by: BB Date: 11/10/18 Serial #: -</div> <div>Customer: -</div> <div>Dealer: -</div>	<div>P.E. William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic # 42712 Plant Information</div> <div>Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566</div>	<div>Plant Number: 69</div> <div>© Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved</div>
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- FLOOR FRAMING NOTES:
1. INTERIOR JOISTS ARE 2X8 #2 SPF OR BETTER, 24" O.C.
 2. INTERIOR (MATING LINE) PERIMETER RAILS ARE DOUBLE 2X8 #2 SPF
 3. SIDEWALL RAILS SINGLE 2X8 #2 S-P-F..

Sheet Title: FLOOR FRAMING ON 24 OC		Sheet Number S1.01.03		Sheet 1 of 1		Plan #: 2102-1473F	
MUR 261 WVG		HILBORN, WERNER, CARTER AND ASSOCIATES (HWC) 1627 South Myrtle Ave Clearwater, FL 33756		3rd Party Customer:		Dealer: --	
LISTING AGENCY APPROVAL This is a listing agency approval. The listing agency is not responsible for the Florida Manufactured Building Act of 1979. Construction Code and address to the following criteria:		State: FL		CONST. TYPE WB		OCCUPANCY SFD	
ALLOWABLE NO. OF FLOORS 1		WIND VELOCITY 150 MPH (13 SEC.)		FIRE RATING OF EXT. WALLS 0		PLAN NO. 2102-1473F	
ALLOW. FLOOR LOAD 40		APPROVAL DATE 11/14/18		MANUFACTURER PHH		HIGH VELOCITY HURRICANE ZONE NO	
Drawing Information		P.E. William H. "Rob" Roberts, F.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic # 42712 Plant Information		Plant Number: 69 Palm Harbor Homes		© Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved	
Model Number: 340CC30764BMO		Sales Name: --		Series: COLLINS CRAFT		Drawn by: BB	
Date: 11/10/18		Serial #: --		Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566			

1. FOR TRUSS REINFORCEMENT AT GABLE ENDS SEE PA150-2.10 OF THE FL MODULAR MANUAL
2. FOR TRUSS REINFORCEMENT AT PORCHES AND ENDZONES, SEE PAGE PA150-3 OF THE FACTORY'S MODULAR MANUAL.
3. Minimum Return Air Path:
The minimum return air path is determined by the total cfm's delivered through supply duct into the space closed off from the main return. Return duct and grill capacities must be equal to or greater than the cfm's delivered into the space. The following are acceptable methods of return air provisions and may be used in combination. Each method is described in detail below.
- a) In-ceiling return air grills
- b) Return air grills in walls
- c) Openings above door and/or walls without grills.



RIDGE BEAM: 3 LAYER OF 15/32" x 24" HIGH (3 LAYER /3 PLY) PLYWOOD ALL PLIES GROUP I (32/16 INDEX)

- Notes:
1. HVAC duct systems, when installed, consist of either insulated fiberglass duct board, or insulated flexible duct or a combination of both, minimum R-6 in the roof attic.
 2. Ducts shall be installed in accordance with the manufacturer's installation instruction and shall bear a listing and label indicating compliance with UL 181 and UL 181 A (rigid) or UL 181 B (flexible).
 3. Joints and seams are to be made substantially airtight by means of tapes mastics or other systems as approved in the manufacturer's installation instructions (e.g. plastic tie straps).
 4. Duct installed in floors supported as required by manufacturer. Ducts installed in attic are supported by the truss framing members and need no additional supports. Register boxes are foamed to ceiling gypsum and need no additional securing.
 5. All duct work installed outside the conditioned envelope shall have a minimum R-8 and be listed for use as exterior duct.
 6. Return air balance (from room to room) may be achieved through the installation of 'jump ducts' in ceiling return air pathways, undercut doors, and/or return air grills.
 7. All gable endwalls shall be braced in accordance with Palm Harbor Home's Florida Modular Construction Manual.
 8. All exhaust fans/vents shall be ducted to the exterior of the structure.
 7. Roof ventilation may be accomplished through the use of either ventilated eaves, roof vents or ridge ventilation. Either or all of these methods may also be used separately or in combination to provide the minimum required roof ventilation of 1 sq. ft. per 150 sq. ft. of conditioned space.
 8. All air supply registers are adjustable, except where otherwise specified on the plans (in ceiling 'jump ducts' for return air purposes are NOT adjustable and remain in the always open position).
 9. All Return Air Grills to be 21" x 26" unless noted otherwise on the plans.
 10. Roof trusses installed at 16' o.c. maximum spacing are allowed in buildings designed to comply with a maximum 180 Vult mph wind load. Windloads upto and including 150 Vult mph are 24' D.C.

Sheet Title:		
ROOF & DUCT PLAN 24		
Sheet Number		
S1.04.1		
Sheet	1	of 1
Plan #:		
2102-1473F		



MUR 261 UWG HIGH VELOCITY HURRICANE ZONE NO	State: LISTING AGENCY APPROVAL These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria: CONST. TYPE VB OCCUPANCY SFD ALLOWABLE NO. OF FLOORS 1 WIND VELOCITY 150 UG13 (SEC) FIRE RATING OF EXT. WALLS 0 PLAN NO. 2102-1473F ALLOW. FLOOR LOAD 40 APPROVAL DATE 11/14/18 MANUFACTURER PTH	1st Party Hilborn, Werner, Carter and Associates (HWC) 1627 South Myrtle Ave Clearwater, FL 33756	Customer: Dealer: Model Number: 340CC30764BMO Sales Name: Series: COLLINS CRAFT Drawn by: BB Date: 11/10/18 Serial #:	P.E. William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic # 42712 Plant Information Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566	Plant Number: 69 © Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved
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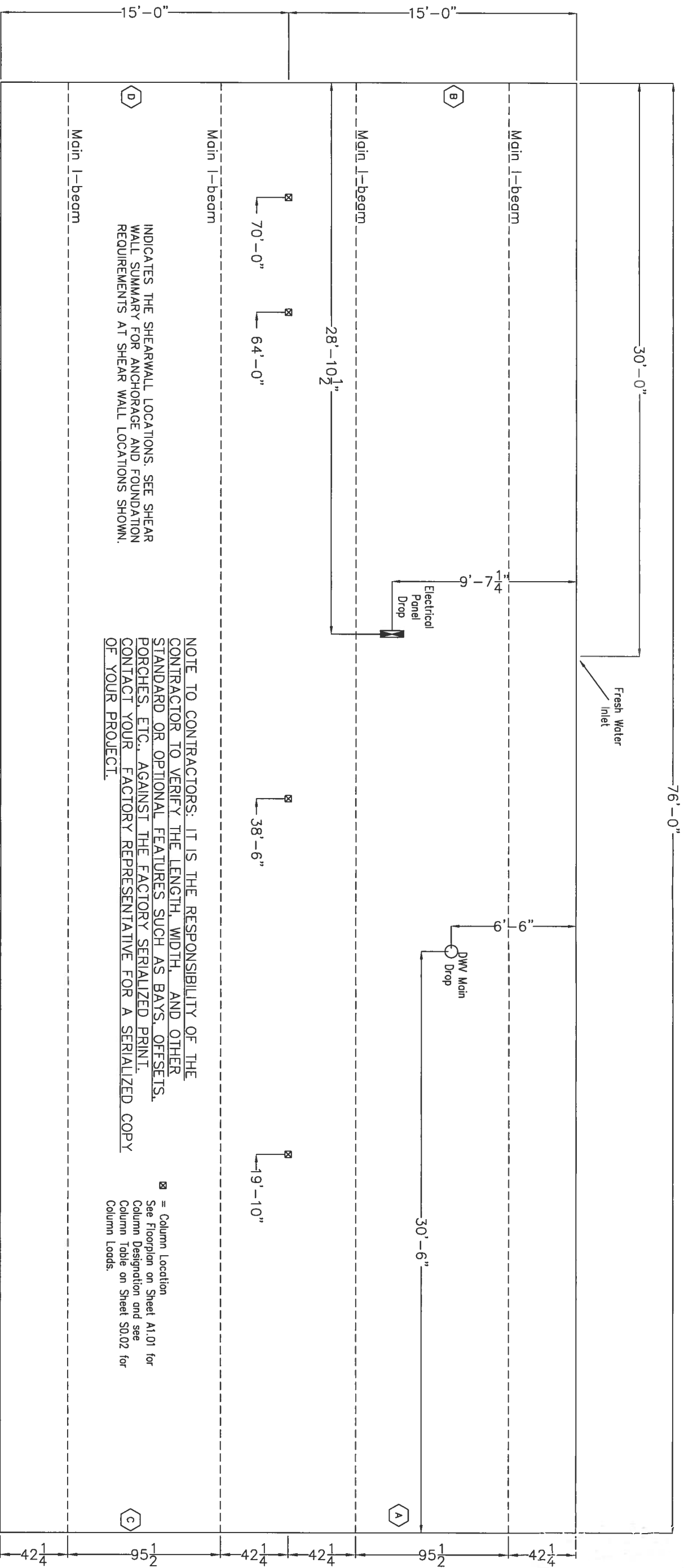
PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 533.8452 and Florida Administrative Code 61 G20-3.006, this document provides the information and the product approval number(s) on the building components listed below

Manufacturer: Palm Harbor Homes of Florida - Plant City
Plant Number: 09

[illegible]

Sheet Title:	FLORIDA PRODUCT APPROVALS		Sheet Number: 1 of 1		Plan #: 2102-1473F	MUR 261 	State: LISTING AGENCY APPROVAL Listing Agency: American Institute of Architects Construction Code and adhere to the following code: CONST. TYPE: V.B. OCCUPANCY: STD. ALLOWABLE NO. OF FLOORS: 1 WIND VELOCITY (150 MPH SEC): 0 FIRE RATING OF EXT. WALLS: 2102-1473F PLAIN NO. ALLOW. FLOOR LOAD: 40 APPROVAL DATE: 11/14/18 MANUFACTURER: PHH HIGH VELOCITY HURRICANE ZONE: NO	3rd Party Customer: Hilborn, Werner, Carter and Associates (HWC) 1627 South Myrtle Ave Clearwater, FL 33756	Drawing Information Model Number: 340CC30764BMO Sales Name: _____ Series: COLLINS CRAFT Drawn by: BB Date: 11/10/18 Serial #: --	Dealer: _____ P.E. William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic. # 42712 Plant Information Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566	Plant Number: 69  © Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved
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Shear Wall Design Criteria	
Wind Speed: 150 MPH (Vult)	
Exposure: D	Side Wall Ht
(in.): 108	Max Elev (in.): 36
Framing 2x6	
Shear Wall	Moment @ Bottom of Unit Floor
A	37,812
B	37,812
C	37,812
D	37,812

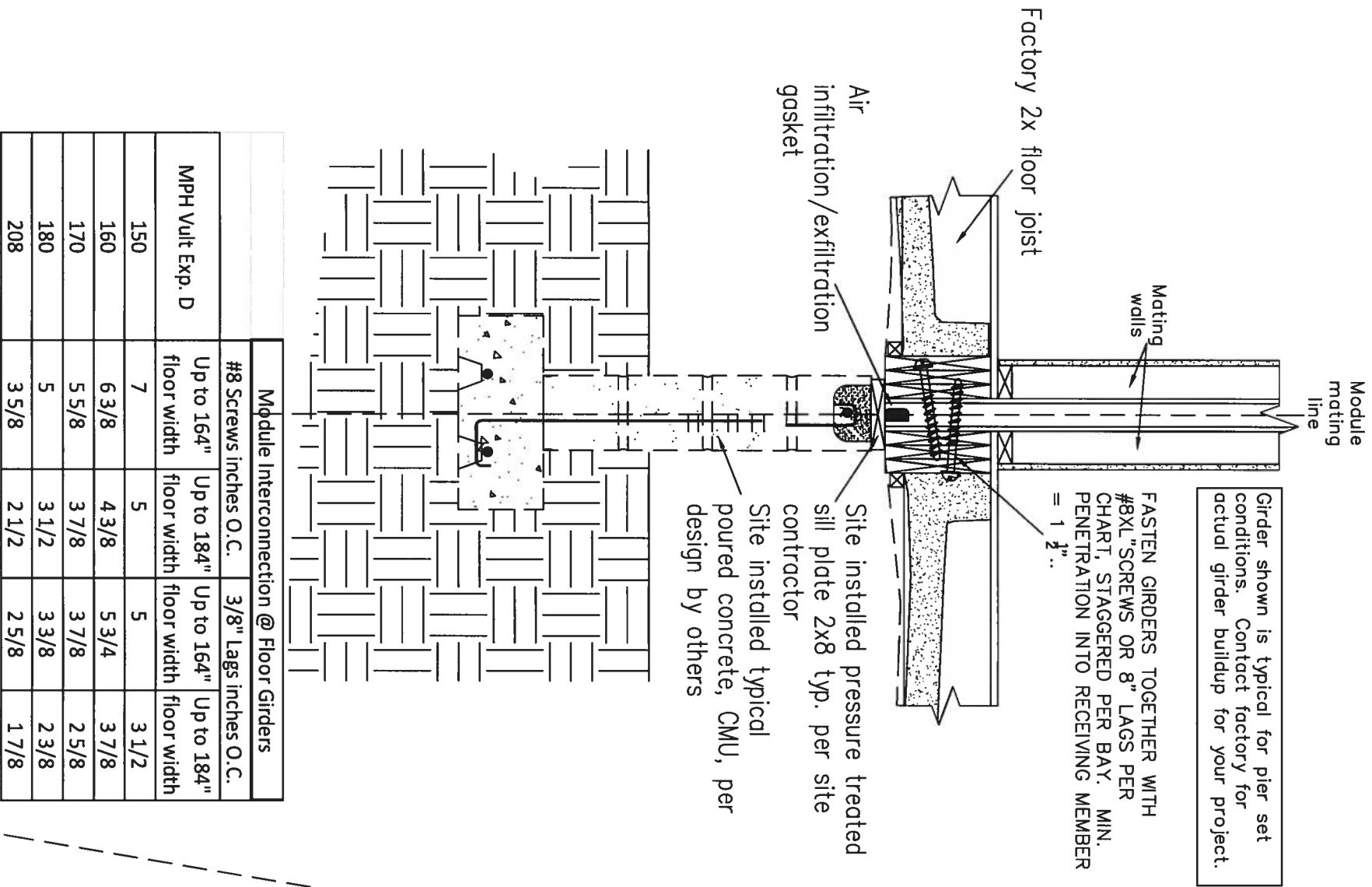
NOTE TO CONTRACTORS: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LENGTH, WIDTH, AND OTHER STANDARD OR OPTIONAL FEATURES SUCH AS BAYS, OFFSETS, PORCHES, ETC., AGAINST THE FACTORY SERIALIZED PRINT. CONTACT YOUR FACTORY REPRESENTATIVE FOR A SERIALIZED COPY OF YOUR PROJECT.

☒ = Column Location
See Floorplan on Sheet A1.01 for Column Designation and see Column Table on Sheet S0.02 for Column Loads.

This foundation page is for sizing and demonstrative purposes only. Actual foundation plan and details are designed by others. See Florida Modular Manual IM-120 On-Frame Foundation & Site Connection Single Story Ranch up to 120 mph(nominal)/140 mph(ultimate) for on frame foundation design criteria. For wind speeds of 130mph (nominal)/150 mph(ultimate) or 140 mph(nominal)/160 mph (ultimate) see Florida Modular Manual IM-140 On-Frame Foundation and site Connection Single Story Ranch for on frame foundation design criteria.

Sheet Title:	TYP. FOUNDATION PLAN ON
Sheet Number	F1
Sheet	1 of --
Plan #:	2102-1473F

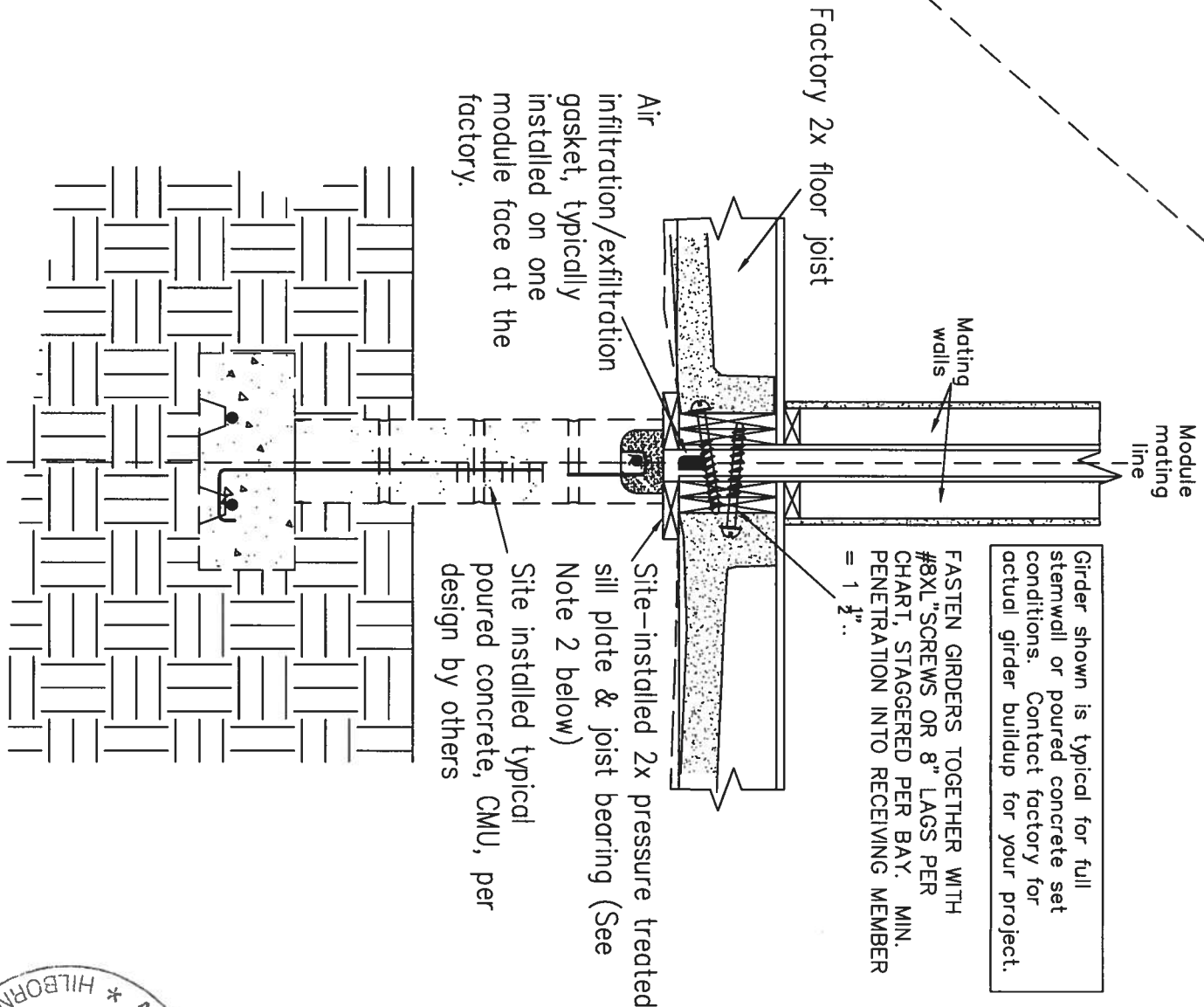
Drawing Information	P.E.	Plant Number:
Model Number: 340CC30764BMO	William H. "Rob" Roberts, P.E.	69
Sales Name: _	607 South Alexander Street	
Series: COLLINS CRAFT	Suite #201	
Drawn by: BB	Plant City, Florida 33563	
Date: 11/10/18	Lic. #42712	
Serial #: --	Plant Information	
Customer:	Palm Harbor Homes, Inc.	© Copyright 2018
	605 S. Frontage Road	Palm Harbor Homes, Inc.
	Plant City, Florida 33566	All Rights Reserved



Module Interconnection @ Floor Girders				
	#8 Screws inches O.C.	3/8" Lags inches O.C.		
MPH Vult Exp. D	Up to 164" floor width	Up to 184" floor width	Up to 164" floor width	Up to 184" floor width
150	7	5	5	3 1/2
160	6 3/8	4 3/8	5 3/4	3 7/8
170	5 5/8	3 7/8	3 7/8	2 5/8
180	5	3 1/2	3 3/8	2 3/8
208	3 5/8	2 1/2	2 5/8	1 7/8

Notes:

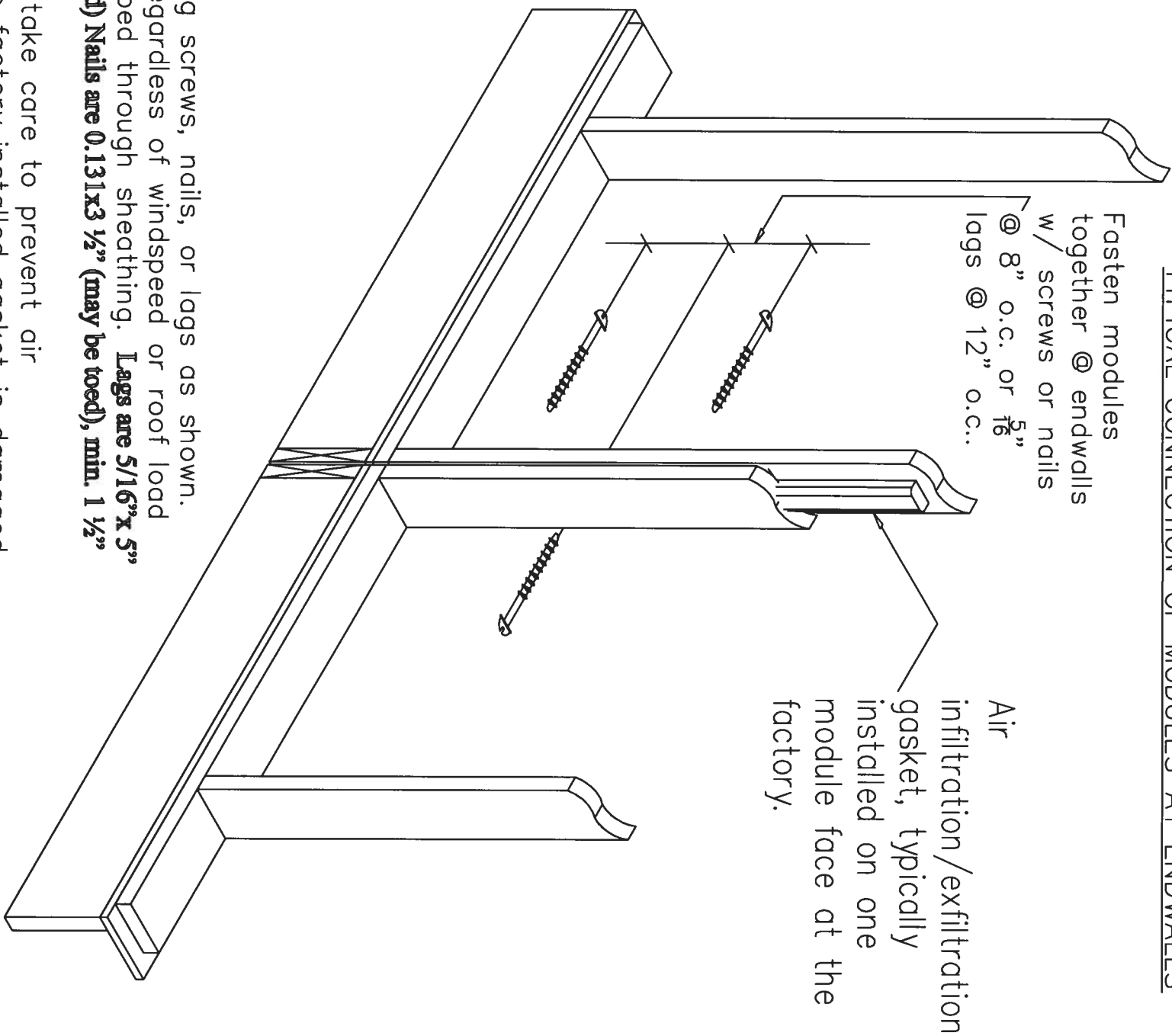
1. Installation contractor shall take care to prevent air infiltration/exfiltration. If the factory installed gasket is damaged or segments missing, it shall be repaired, replaced, or the use of other methods of envelope closure shall be used, i.e., expanding foam, caulking, durable tape or sheathing, or a combination of these methods.
2. 2x sill plate (min. 2x6 PT or wider) must provide a min. of 1 1/2" for floor joist bearing. Face nail sill plate to perimeter rail with 0.131x3" nails 8" o.c. Must use corrosion resistant fasteners with pressure treated lumber.



Sheet Title:	IM-FLOOR
Sheet Number	IM.01
Sheet	1 of -
Plan #:	2102-1473F

Drawing Information Model Number: 340CC30764BMO Sales Name: Series: COLLINS CRAFT Drawn by: BB Date: 11/10/18 Serial #:	P.E. William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic. #42712 Plant Information Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566	Plant Number: 69 © Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved
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TYPICAL CONNECTION OF MODULES AT ENDWALLS




Notes:

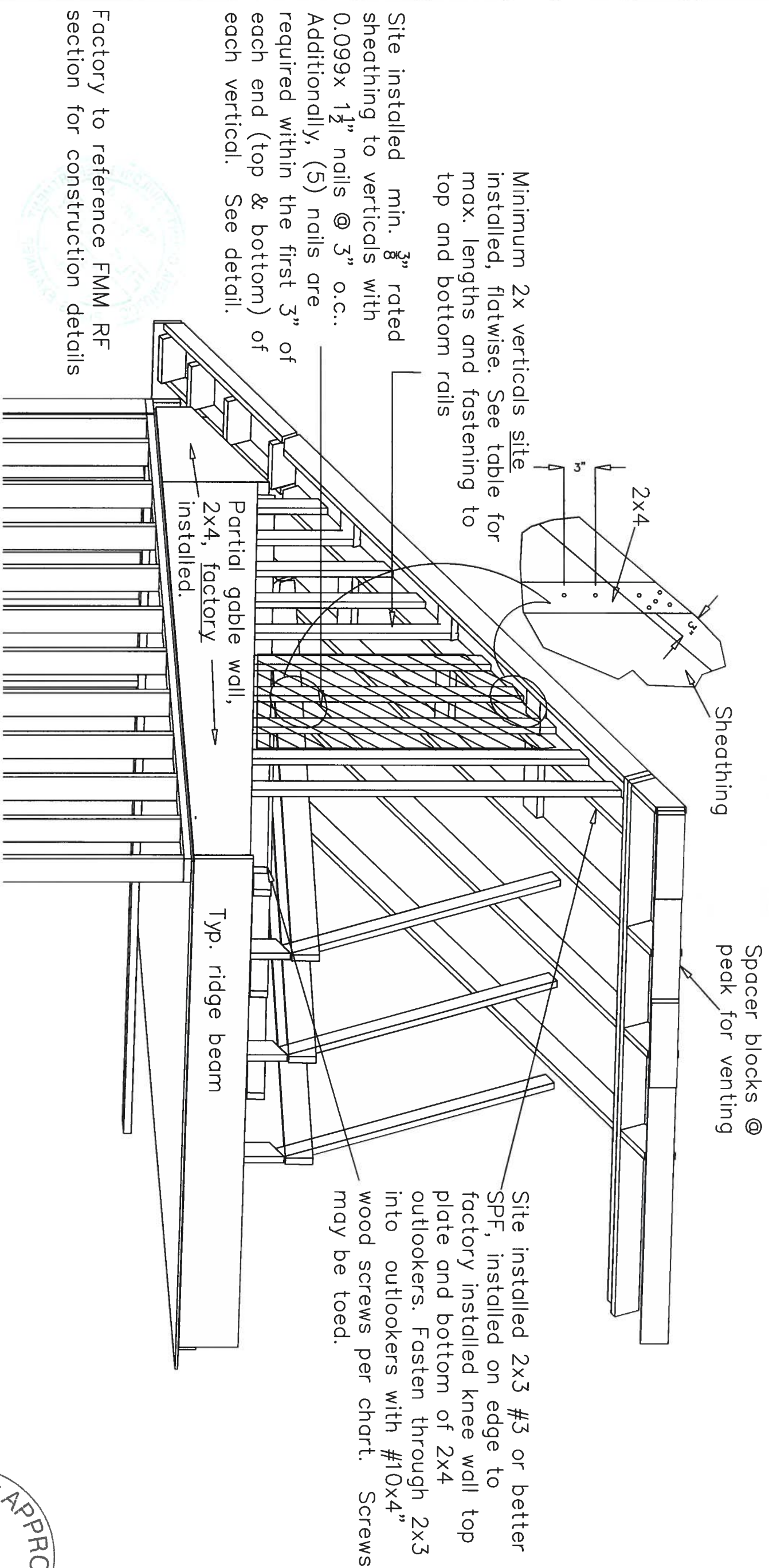
1. Endwalls are connected using screws, nails, or lags as shown. This connection is typical regardless of windspeed or roof load design. Fasteners may be toed through sheathing. **Lags are 5/16"x 5" long. Screws are #8x4" (May be toed) Nails are 0.131x3 1/2" (may be toed), min. 1 1/2" penetration into receiving member.**
2. installation contractor shall take care to prevent air infiltration/exfiltration. If the factory installed gasket is damaged or segments missing, it shall be repaired, replaced, or the use of other methods of envelope closure shall be used, i.e., expanding foam, caulking, durable tape or sheathing, or a combination of these methods.
3. Endwall/mating wall configurations on some models prevent the interconnection of the modules on some plans. on those plans, the endwalls are designed to be "stand alone" walls and no



Sheet Title:	
IM-ENDWALL	
Sheet Number	IM.02
Sheet	1 of --
Plan #:	2102-1473F

Customer: _____	Drawing Information		P.E. William H. "Rob" Roberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic. # 42712 Plant Information	Plant Number: 69 
	Model Number: 340CC30764BMO			
	Sales Name: _____			
	Series: COLLINS CRAFT			
Dealer: _____	Drawn by:	Date:	Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566	© Copyright 2018 Palm Harbor Homes, Inc. All Rights Reserved
	BB	11/10/18		
	Serial #: --			

GABLE CLOSE UP



Sheet Title:	IM-HINGED GABLE 1
Sheet Number	IM.05
Sheet 1 of -	
Plan #:	2102-1473F

Drawing Information	
Model Number:	340CC30764BMO
Sales Name:	
Series:	COLLINS CRAFT
Drawn by:	BB
Date:	11/10/18
Serial #:	--

P.E.	William H. "Rcb" Ruberts, P.E. 607 South Alexander Street Suite #201 Plant City, Florida 33563 Lic. # 42712
Plant Information	
Palm Harbor Homes, Inc. 605 S. Frontage Road Plant City, Florida 33566	

Plant Number:	69
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