



CHAMPION HOME BUILDERS, INC.

P.O. BOX 2097
(1915 SE STATE ROAD 100)
LAKE CITY, FL 32056

HOME WITHOUT STEEL FRAME

NOTES:

1. ALL FOUNDATION CONSTRUCTION, MATERIALS, AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
2. SOIL BEARING CAPACITY SHOWN ON THIS PAGE IS FOR 1,000 PSF (SECTION A-A) TO 2,000 PSF (STANDARD). AN ARCHITECT/ENGINEER MUST BE CONSULTED FOR ALTERNATE FOUNDATION DESIGNS. FOOTINGS SHALL BE PLACED ON NON-EXPANSIVE SOILS ONLY.
3. MINIMUM CONCRETE FOOTING COMPRESSIVE STRENGTH 3,000 PSI AT 28 DAYS. ALL CONCRETE SHALL BE STANDARD WEIGHT (150 PCF.)
4. ALL REINFORCEMENT BARS SHALL COMPLY WITH ASTM A615, GRADE 40 (UNLESS OTHERWISE SPECIFIED). REINFORCEMENT BARS SHALL BE EQUALLY SPACED AND PLACED WITH 3" CLEARANCE FROM BOTTOM AND SIDES OF THE FOOTING. LAP SPLICES TO BE 72 BAR DIAMETERS. REINFORCEMENT BARS SHALL BE UNCOATED DEFORMED BARS (NO EPOXY).
5. MASONRY UNITS SHALL COMPLY WITH ASTM C90, HAVING A COMPRESSIVE STRENGTH $f'm=2000$ PSI. MIN.
6. MORTAR SHALL BE TYPE M OR S.
7. ALL EXPOSED HARDWARE AND HARDWARE INSTALLED INTO PRESSURE TREATED LUMBER SHALL BE GALVANIZED WITH 1.85 OZ/SF OF ZINC (G-185 COATING) OR SHALL BE STAINLESS STEEL.
8. THE AREA UNDER FOOTINGS AND FOUNDATION SHALL HAVE ALL VEGETATION, STUMPS, ROOTS AND FOREIGN MATERIAL REMOVED PRIOR TO THEIR CONSTRUCTION.
9. THE PERIMETER GRADE SHALL BE SLOPED AWAY FROM THE BUILDING TO PROVIDE POSITIVE DRAINAGE. THE GRADE OF THE GROUND UNDER THE BUILDING SHALL NOT BE LOWER THAN THE LOWEST SURROUNDING FINISH LOT AREA GRADE IN ORDER TO PREVENT THE ACCUMULATION AND STANDING OF WATER UNDER THE BUILDING.
10. TERMITES PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH THE APPLICABLE CODES WHEN REQUIRED BY SUCH CODES.
11. EXCAVATE AN ADDITIONAL 1 TO 2 INCHES AT BOTTOM AND SIDES OF ALL FOOTINGS THAT ARE POURED DIRECTLY AGAINST EARTH.

FOUNDATION NOTES:

THE FOLLOWING PRINTS ARE TO BE USED ONLY WHEN STEEL FRAME IS REMOVED FROM HOME.

CROSS SECTION PAGE 7
DETAIL PAGE 8
FOUNDATION (SEE HOUSE PACKAGE FOUNDATION PAGE)

STANDARD (CENTERLINE)

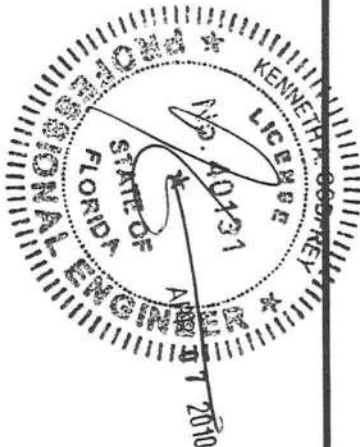
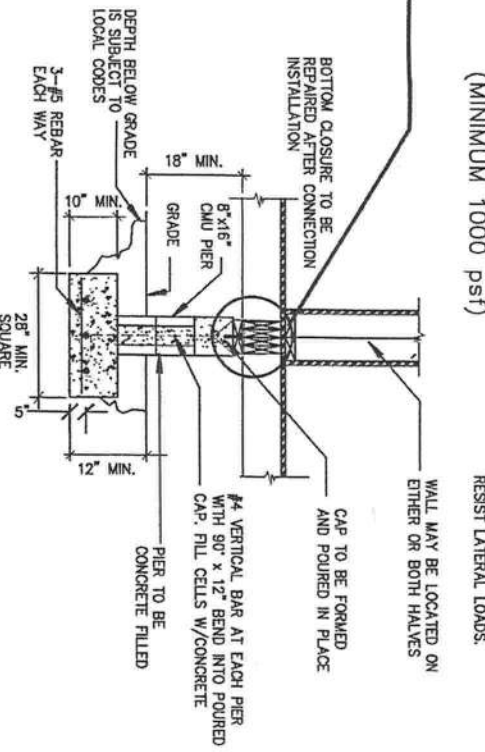
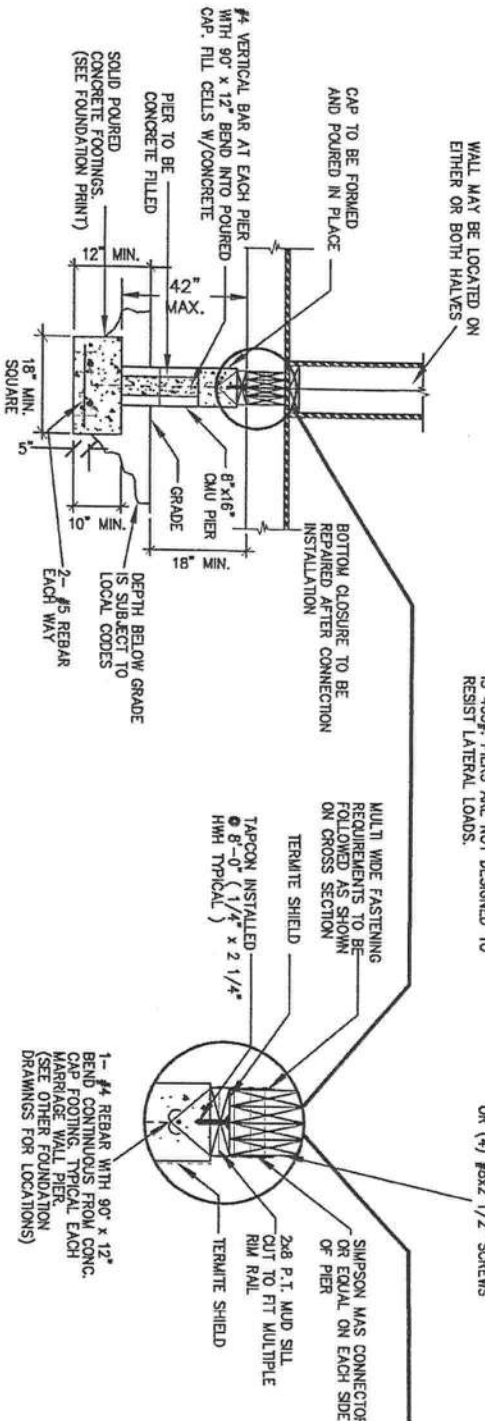
MINIMUM SOIL BEARING CAPACITY 2000 PSF.

NOTE: MAX. GRAVITY LOAD ON EACH PIER IS 375# MAX. UPLIFT LOAD ON EACH PIER IS 435#. PIERS ARE NOT DESIGNED TO RESIST LATERAL LOADS.

SECTION A-A (ALTERNATE CENTERLINE)

ALTERNATE FOOTING FOR SOIL CONDITIONS LESS THEN 2000 PSF (MINIMUM 1000 psf)

NOTE: MAX. GRAVITY LOAD ON EACH PIER IS 470# MAX. UPLIFT LOAD ON EACH PIER IS 675#. PIERS ARE NOT DESIGNED TO RESIST LATERAL LOADS.



THIRD PARTY
HILBORN, WERNER, CARTER & ASSOCIATES
1627 SOUTH MYRTLE AVE.
CLEARWATER, FL 33756

KENNETH A. GODFREY, P.E.
490 RUSTIC BARN TRAIL
MORGANTON, GA. 30560
FL PE#40131
KAG #032810CHB



P.O. BOX 2097 (1915 SE STATE ROAD 100) LAKE CITY, FLORIDA 32056

Date: 04-06-10	Revisions	Cad#: FL-TYP6-06
Dr'n KAG		
Scale: N.T.S.		
Code: D (07)		
FLORIDA	Model: DCA TYPICAL PACKAGE	Print: PAGE 6 HOME W/OUT STEEL FRAME

SECTION A-A
FROM FOUNDATION PLAN

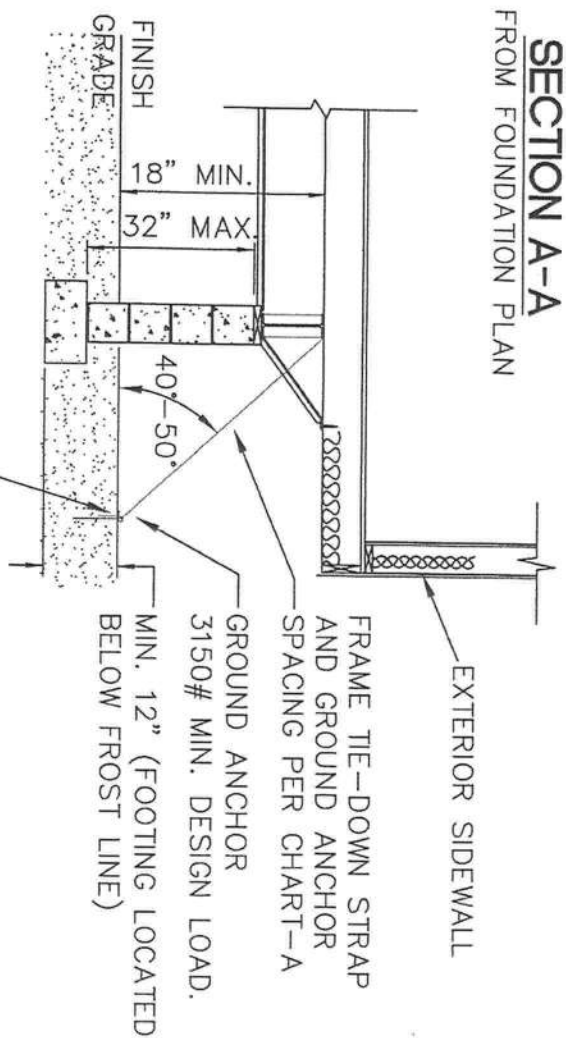
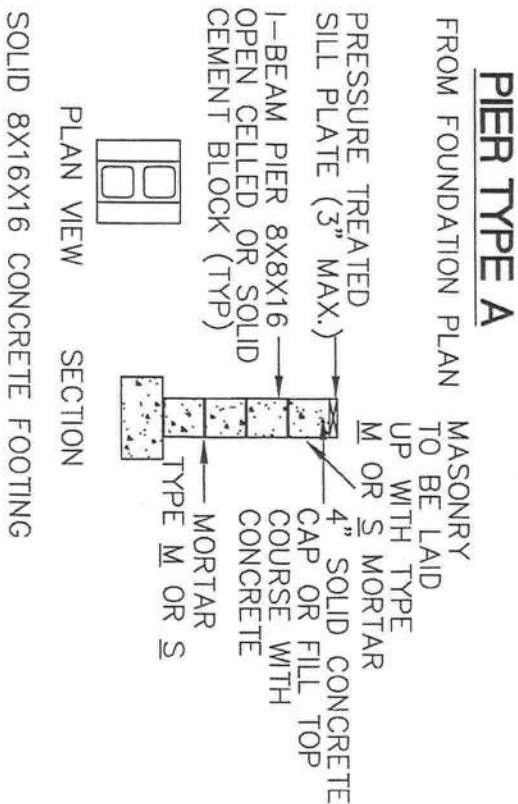
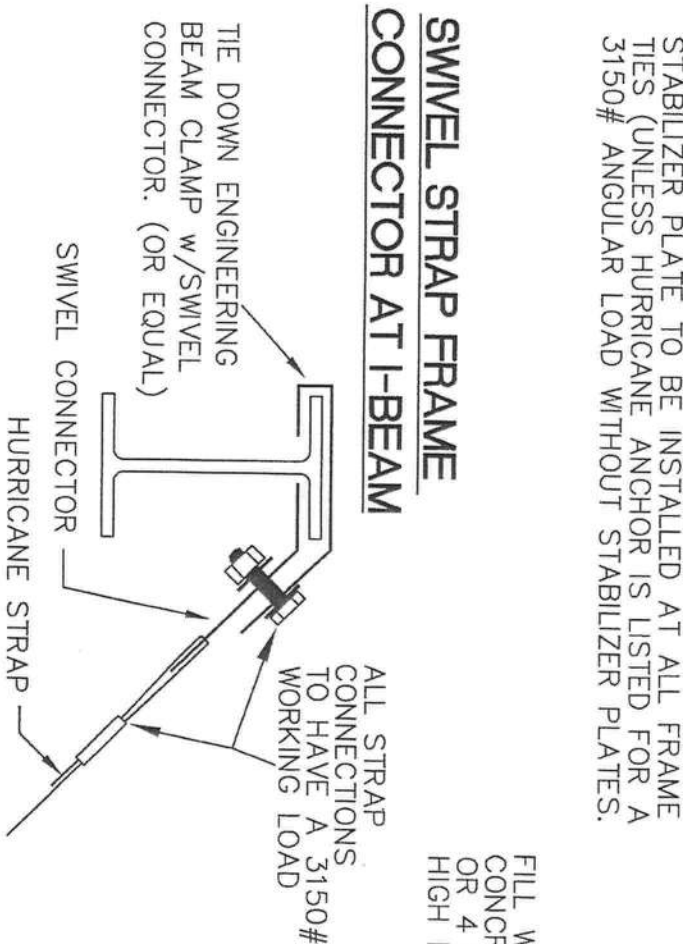


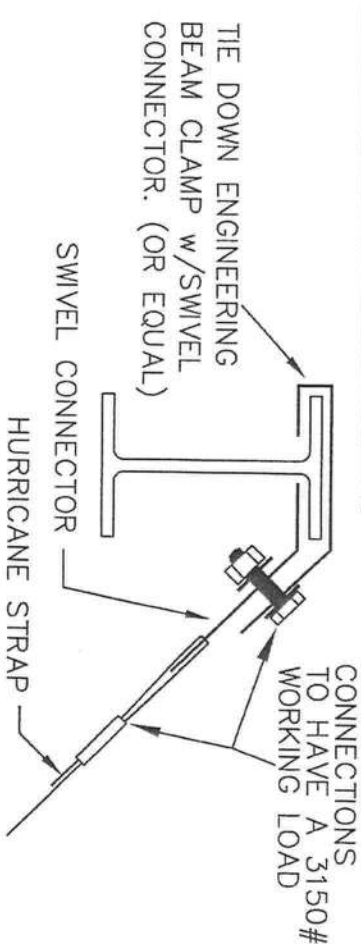
CHART-A					
WIND SPEED (ZONE/END/INT)	ROOF PITCH				
	UP TO 4/12	UP TO 6/12	END	INT	END
130 MPH	4'-0"	6'-5"	3'-11"	5'-0"	
120 MPH	4'-9"	7'-11"	4'-8"	5'-11"	
110 MPH	5'-9"	9'-11"	5'-5"	7'-2"	
100 MPH	7'-2"	12'-0"	6'-10"	8'-10"	

SECTION B-B
FROM FOUNDATION PLAN

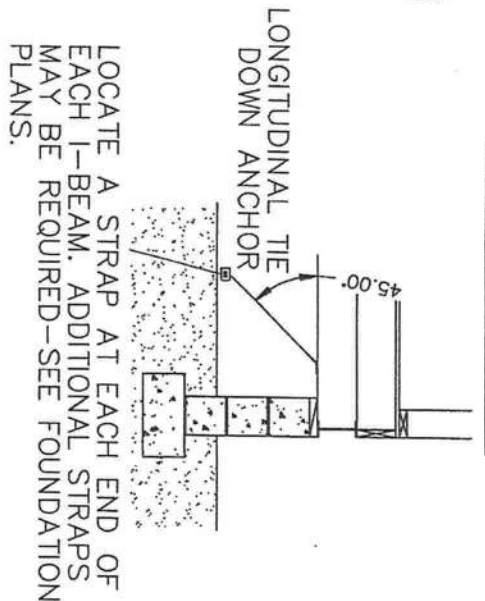


THIRD PARTY	KENNETH A. GODFREY, P.E.
HILBORN, WERNER, CARTER & ASSOCIATES 1627 SOUTH MYRTLE AVE. CLEARWATER, FL 33756	490 RUSTIC BARN TRAIL MORGANTON, GA. 30560 FL PE#40131 KAG #032810CHB

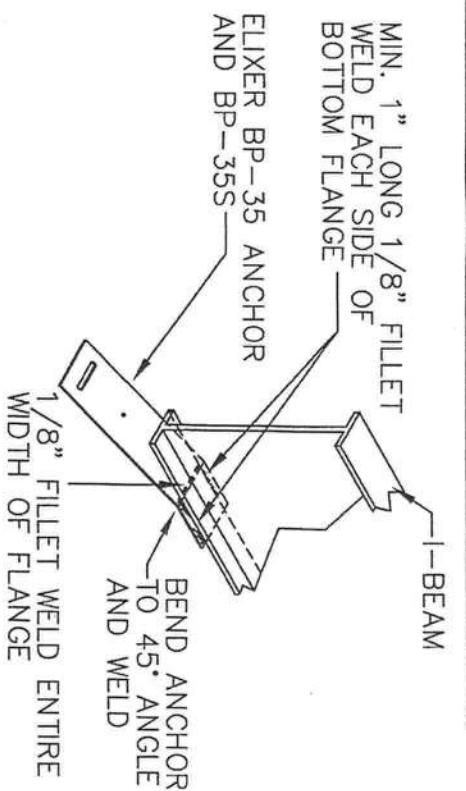
SWIVEL STRAP FRAME
CONNECTOR AT I-BEAM



SECTION 'C-C'



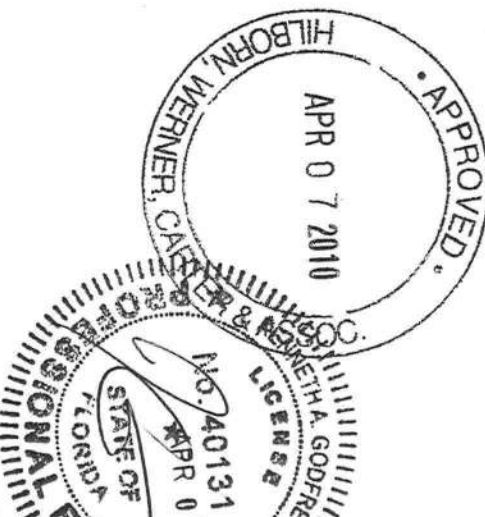
LONGITUDINAL STRAP CONNECTION

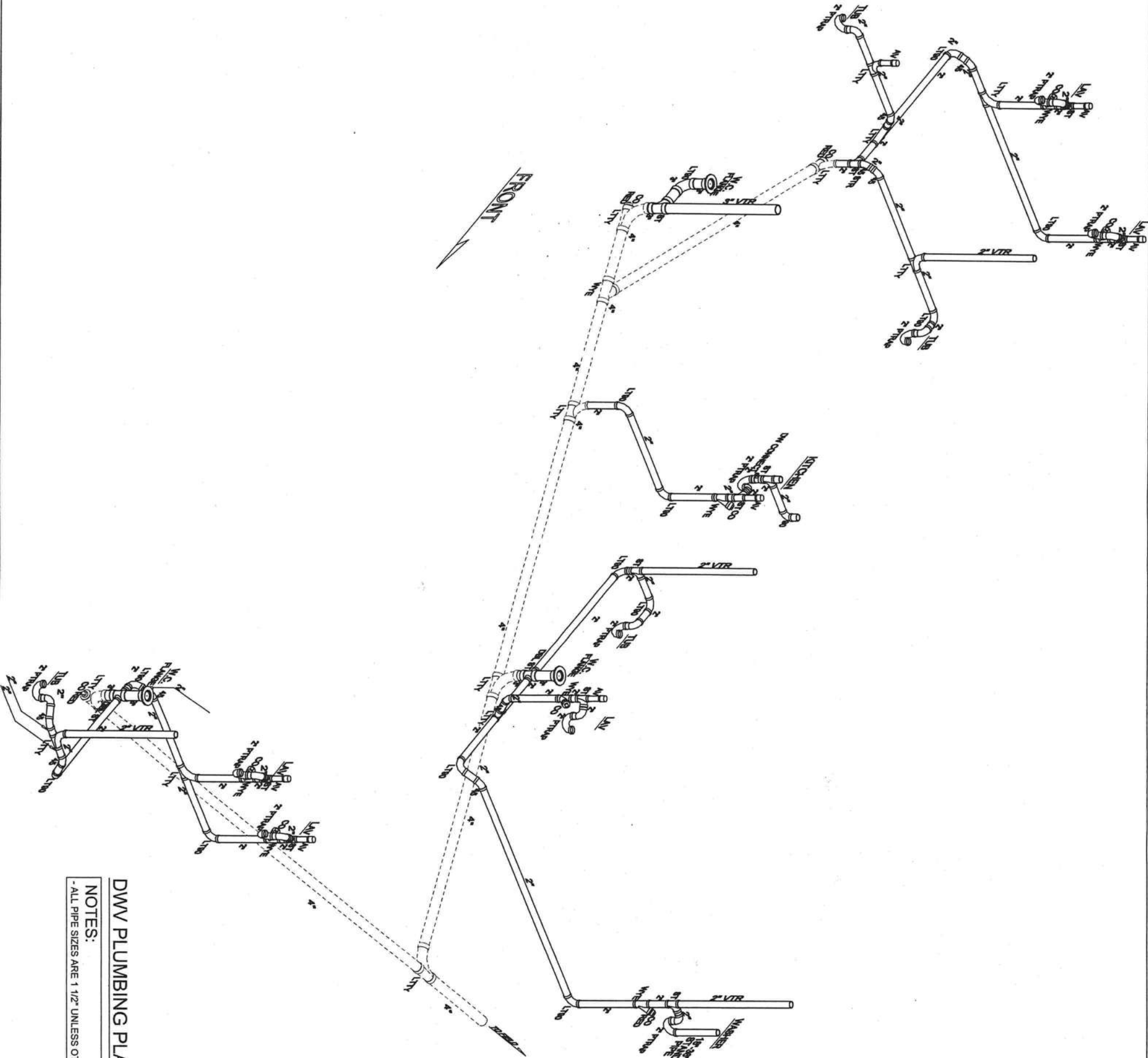


SOIL BEARING CAPACITY	MAXIMUM GRAVITY ON PIER
2000 PSF.	3290#
3000 PSF.	5065#

NOTE: PIERS ARE NOT DESIGNED TO RESIST LATERAL LOADS.

MASONRY PIERS MAY BE LAID UP USING SURFACE BONDING CEMENT PER ASTM C 887 IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS/INSTRUCTIONS THE FIRST COURSE OF MASONRY MUST BE LAID IN TYPE M OR S MORTAR.





DWV PLUMBING PLAN

NOTES:

- ALL PIPE SIZES ARE 1 1/2" UNLESS OTHERWISE SPECIFIED

CHAMPION

P.O. BOX 2097 HWY 100 EAST LAKE CITY, FL 32056

ROBERT E. GREGG
REGISTERED ARCHITECT
630 CHESTNUT ST.
CLEARWATER, FL 33756
PHONE: (727) 795-8774
FAX: (727) 791-6842

APPROVED APR 21 2010

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AGENCY APPROVAL	
THESE PRINTS CORRESPOND WITH THE FLORIDA MANUFACTURED BUILDING CODES AND ARE TO BE USED IN CONJUNCTION WITH THE FOLLOWING LOCAL ORDINANCES.	
CONSTR. TYPE	VB
OCCUPANCY	R-3
ALLOWABLE NO. OF FLOORS	1
WIND VELOCITY (3 SEC.)	130 (3 SEC.)
EXT. WALLS	0
PLAN NO.	2425-0017F
ALLOW. FLOOR LOAD	40
APPROVAL DATE	4-22-10
MANUFACTURER	HOMESOFAMERICA
MANUFACTURING ZONE	NO

Third Party:
Hilborn, Werner, Carter
and Associates (HWC)
1627 South Myrtle Ave.
Clearwater, Florida 33756

TITLE:

PLUMBING
PLAN

MODEL:

C555
4 BEDROOM, 3 BATH

DATE: 04-14-10

SCALE: NOT TO SCALE

DRAWN BY: STAFF

REVISED:

REVISIONS

SHEET NO:

PP-101

PAGE: 2425-0017F

POURED CONCRETE FOUNDATION WALL DETAILS

OPTION #4 USING 1/2" ANCHOR BOLTS

*
=
OR
DOCUMENT

FASTEN CONNECTOR TO _____
RIM JOIST USING (4) 0.148" ϕ
X 3" NAILS.

2x8 P.T. MUD SILL

EXTERIOR FINISH

7 5/8" TO 8"

FOUNDATION WALL FORMED AND POURED IN PLACE.

NOTE: (2) #4 BARS SHALL BE PROVIDED AROUND ALL OPENINGS. BARS SHALL EXTEND AT LEAST 24" BEYOND CORNERS OF OPENING WHERE POSSIBLE.

-2- #5 REBAR CONTINUOUS
(GRADE #40)

2x8 P.I. MOD SILL
1/4"x2 1/2" TAPCON
JOIST USING (4) 10d NAILS OR
(4) #8x2 1/2" WOOD SCREWS.

#10x4" WOOD SCREW FROM
RIMRAIL INTO P.T. MUD SILL
@ 12" O/C. ALONG SIDEWALLS
AND 8" O/C ALONG ENDWALLS

TAPCON

2-0" O.C. ALONG ENDWALL

EXTERIOR FINISH

FOUNDATION WALL FORMED AND POURED IN PLACE.

7 5/8" TO 8"

1/2" ϕ J-BOLT W/7" MIN EMBED SPACE BOLTS 1'-4" O.C. EXCEPT MAY BE INCREASED TO 4'-0" O.C. SIDE WALL AREAS NOT LOCATED 14'-6" OF END WALLS. LOCATE C

1/2" J-BOLT W/7" MIN EMBEDMENT
SPACE BOLTS 1'-4" O.C. EXCEPT SPACING
MAY BE INCREASED TO 4'-0" O.C. AT
SIDE WALL AREAS NOT LOCATED WITHIN
1'-4"-6" OF END WALLS. LOCATE ONE
BOLT WITHIN 12" OF EACH END OF EACH
SILL BOARD.

NOTE: (2) #4 BARS SHALL BE PROVIDED AROUND ALL OPENINGS. BARS SHALL EXTEND AT LEAST 24" BEYOND CORNERS OF OPENING WHERE POSSIBLE.

EXTERIOR FINISH EXTENDING
OVER FOUNDATION
WALL

#4 HORIZONTAL BAR AT 12" O.C.

LINTEL BLOCK OR
CONTINUOUS LINTEL
FORMED AND POURED
IN PLACE:—

#4 VERTICAL BAR 18" O.C. AND AT EACH CORNER

7 5/8" TO 8" CONCRETE FOUNDATION WALL FORMED AND POURED IN PLACE

42" MAX.

GRADE

18" MIN.

ABOVE GRADE

-2- #5 REBAR CONTINUOUS
(GRADE #40)

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FL PE#40131
KAG #032810CHB

Cad#: FL-TYP8A-06

Revisions

Date: 04-06-10

Dr'n KAG

Scale: N.T.S.

D (07)

DCA: DCA TYPICAL PACKAGE

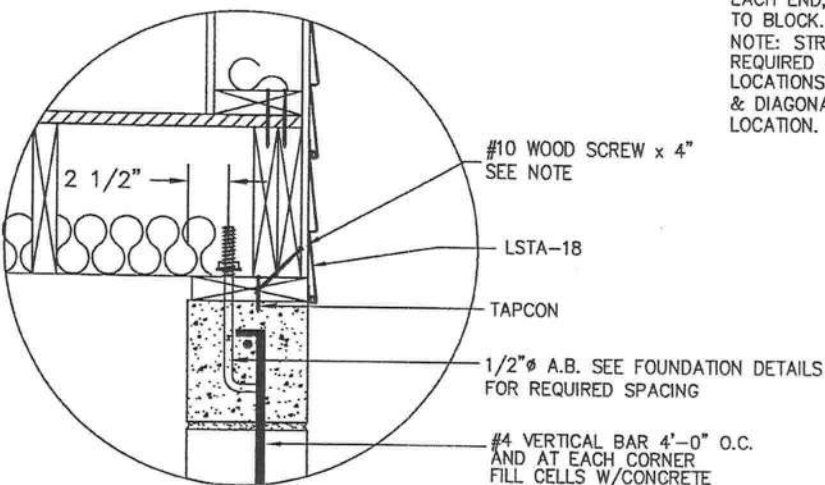
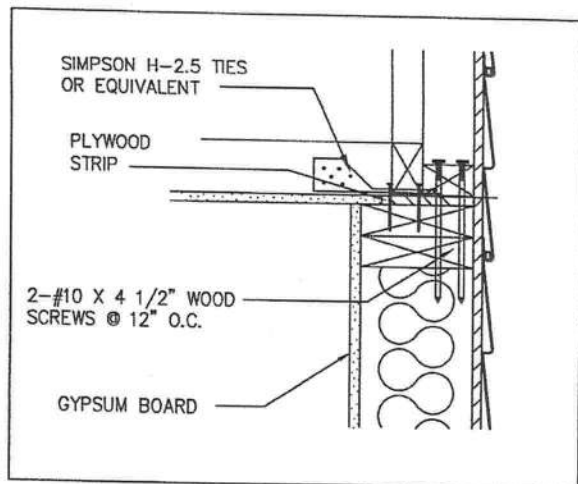
Print: PAGE 8A
POURED FOUNDATION WALL

FLORIDA

CHAMPION

P.O. BOX 2097 (1915 SE STATE ROAD 100) LAKE CITY, FLORIDA 32056

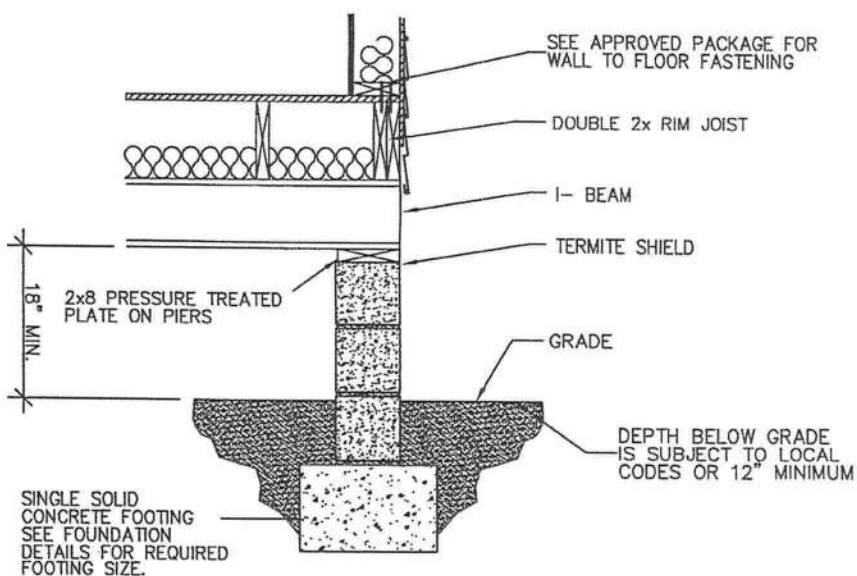
PAGE 8A
E 5.7A



NOTES:

- 1.) J-BOLT WITH LSTA MAY BE REPLACED WITH MUDSILL ANCHORS. SEE FOUNDATION PAGE FOR DETAILS ON OPTION #1 OR OPTION #2.
- 2.) #10 WOOD SCREW x 4" (MIN. 1" PENETRATION INTO SILL PLATE) SPACED 12" O.C. ALONG SIDEWALL AND 8" O/C ALONG ENDWALL. TOE SCREW FROM FLOOR RIM RAIL TO SILL PLATE.

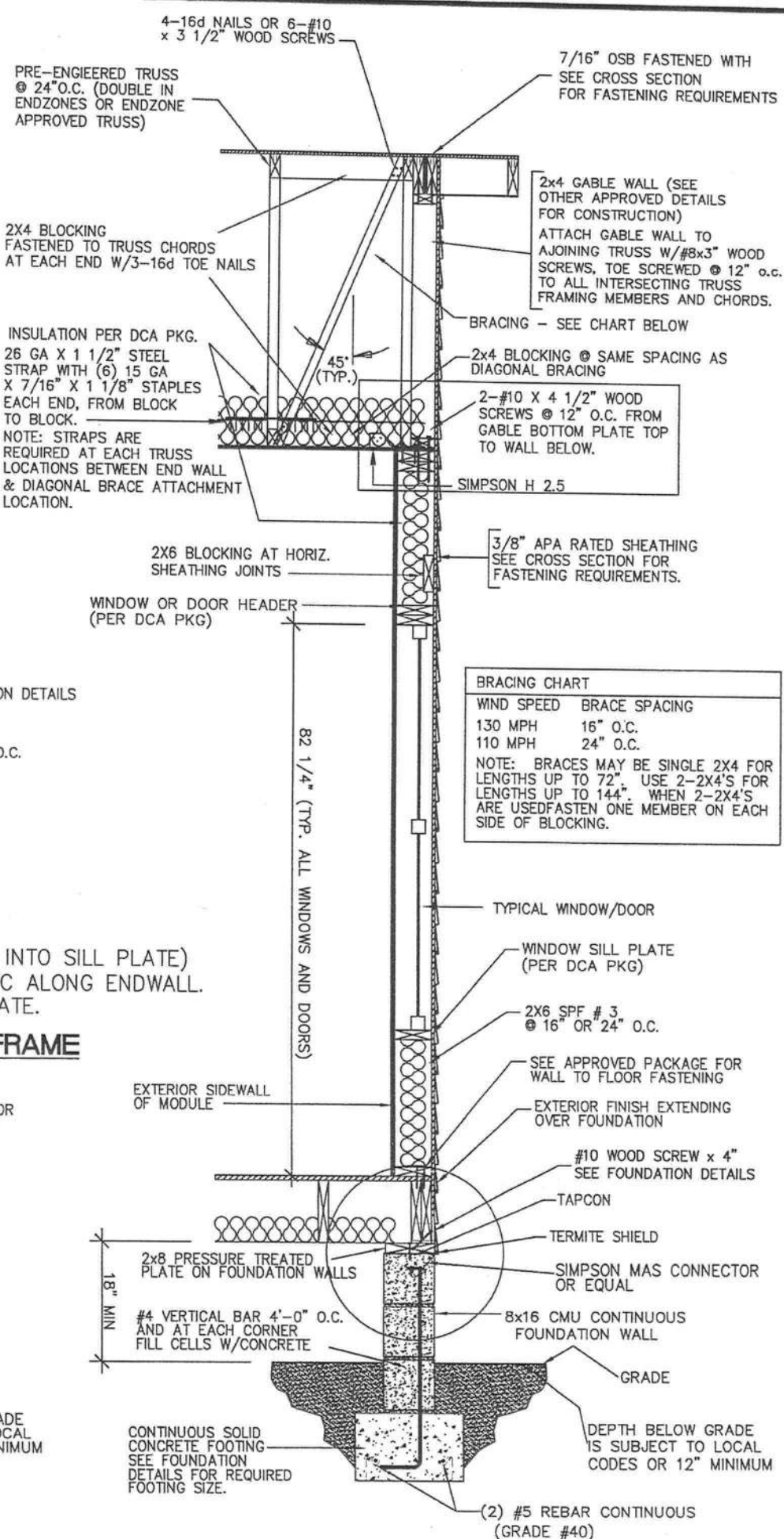
OPT. #2 ENDWALL SECTION DETAILS W/OUT FRAME



ENDWALL SECTION W/FRAME

GENERAL NOTES:

- (1.) SHEATHING ON GABLE ENDWALL STUDDING IS SITE INSTALLED.
- (2.) SHEATHING TO BE NOTCHED TO FIT AROUND OVERHANG BLOCKING.
- (3.) SPECIFICATIONS SHOWN ARE TYPICAL, SEE MODEL PLANS FOR MODEL SPECIFIC REQUIREMENTS.
- (4.) CONSTRUCTION IS LIMITED TO 130 MPH. EXP. C.
- (5.) MAXIMUM MEAN ROOF HEIGHT IS LIMITED TO 20'-0".
- (6.) MAXIMUM GABLE ENDWALL HEIGHT IS LIMITED TO 7'-9" WITH FLAT TRUSSES, 6'-9" WITH VAULTED TRUSSES.
- (7.) MAXIMUM WALL HEIGHT IS 9'-1" WITH FLAT TRUSSES, 10'-1" WITH VAULTED TRUSSES.
- (8.) ALL NAILS ARE COMMON NAILS UNLESS OTHERWISE SPECIFIED.
- (9.) ALL LUMBER IS SPF #2 OR BETTER UNLESS OTHERWISE SPECIFIED.



BRACING CHART	
WIND SPEED	BRACE SPACING
130 MPH	16" O.C.
110 MPH	24" O.C.

NOTE: BRACES MAY BE SINGLE 2X4 FOR LENGTHS UP TO 72". USE 2-2X4'S FOR LENGTHS UP TO 144". WHEN 2-2X4'S ARE USED FASTEN ONE MEMBER ON EACH SIDE OF BLOCKING.

ENDWALL SECTION W/O FRAME

THIRD PARTY

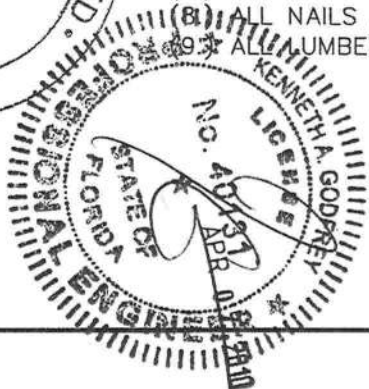
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CLEARWATER, FL 33756

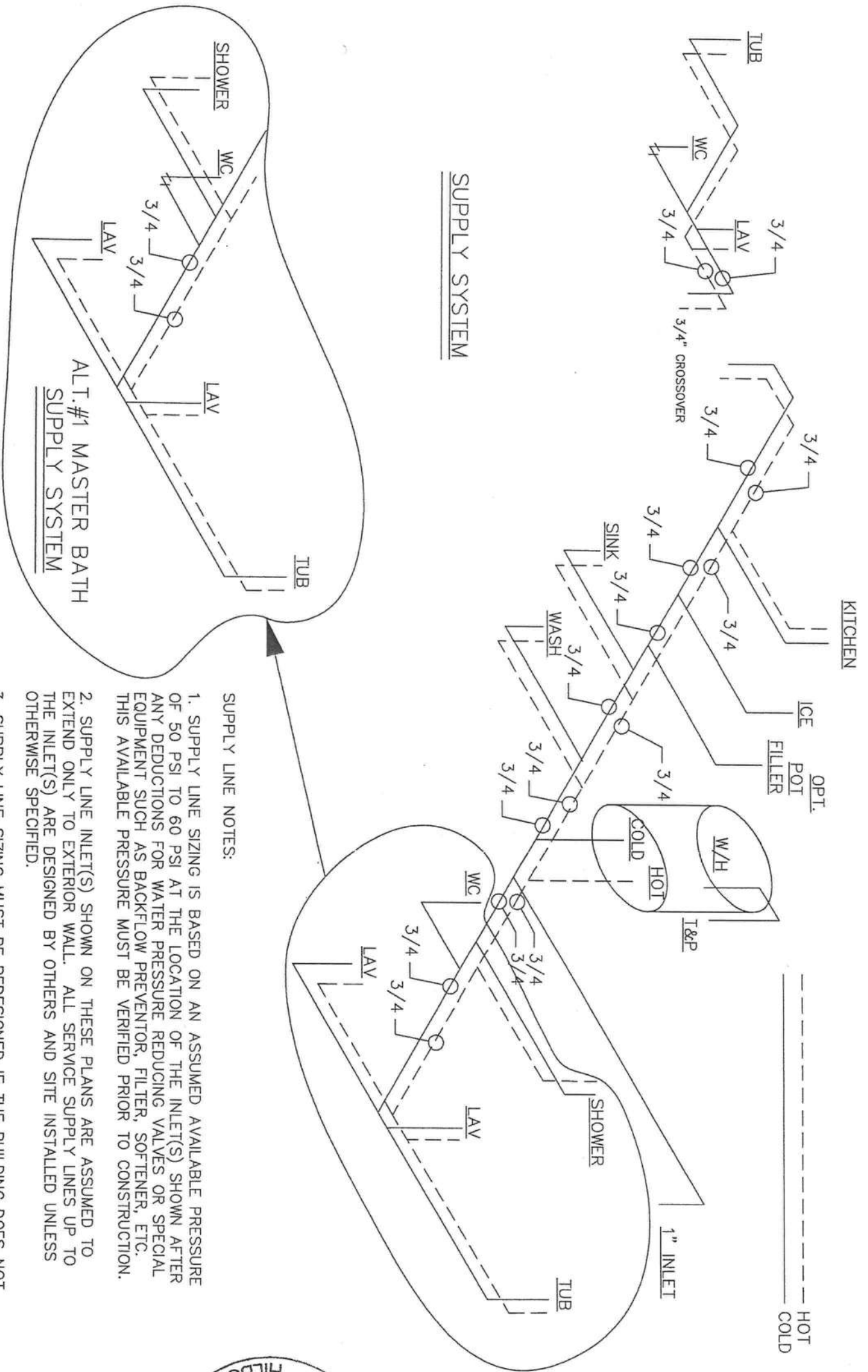
KENNETH A. GODFREY, P.E.
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FL PE#40131
KAG #032810CHB

Date: 04-06-10	Revisions	Cad#: FL-TYP9-06
Dr'n KAG		
Scale: N.T.S.		
Code: D (07)		
FLORIDA	Model: DCA TYPICAL PACKAGE	Print: PAGE 9 ENDWALL CROSS SECTION

CHAMPION

P.O. BOX 2097 (1915 SE STATE ROAD 100) LAKE CITY, FLORIDA 32056



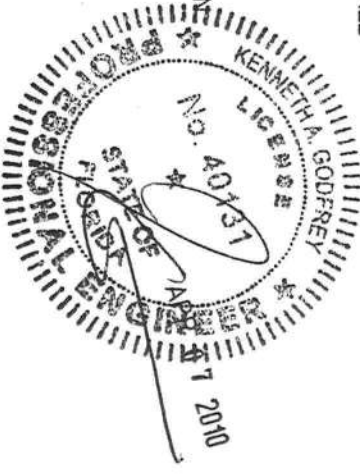


SUPPLY SYSTEM

ALT.#1 MASTER BATH
SUPPLY SYSTEM


SUPPLY LINE NOTES:

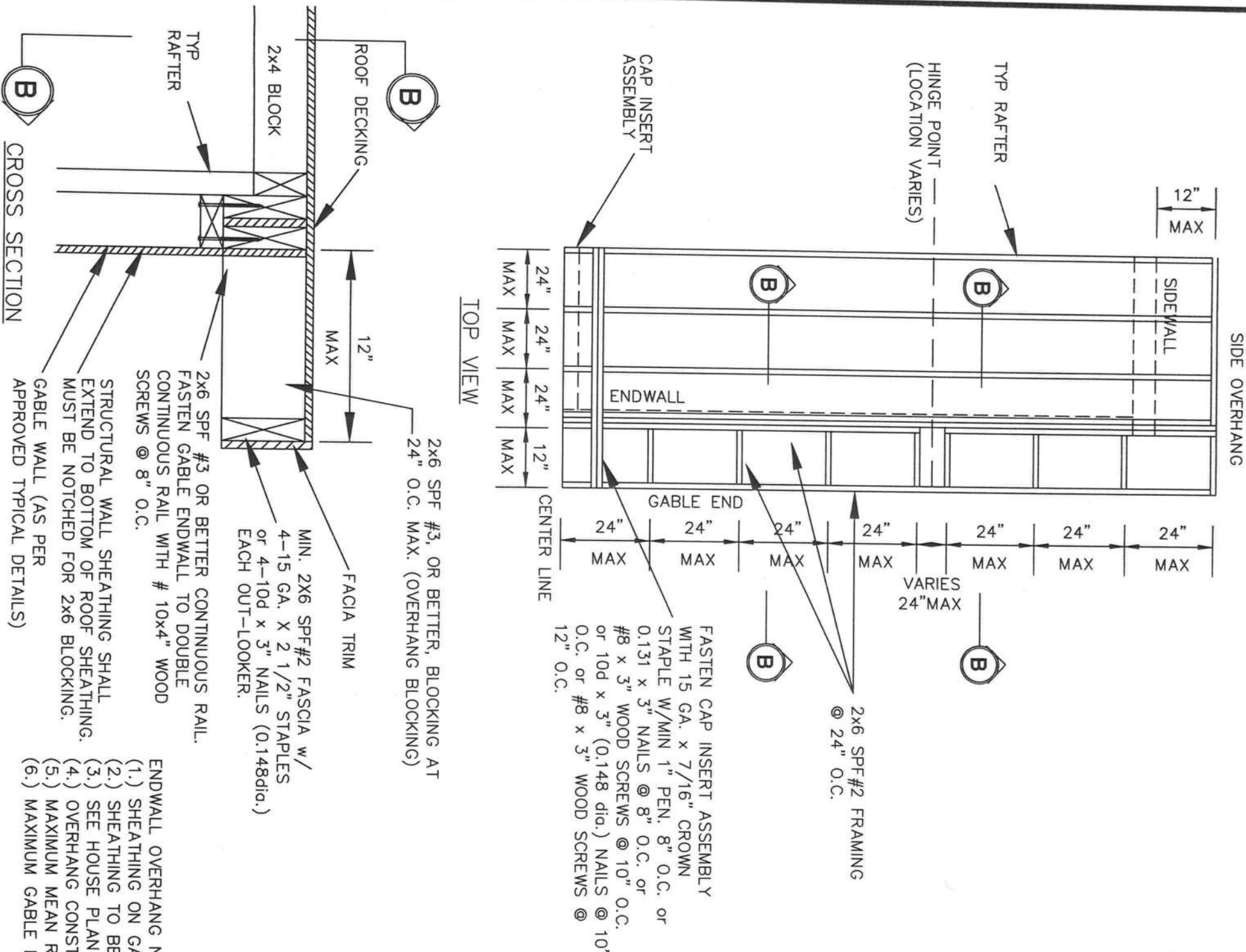
1. SUPPLY LINE SIZING IS BASED ON AN ASSUMED AVAILABLE PRESSURE OF 50 PSI TO 60 PSI AT THE LOCATION OF THE INLET(S) SHOWN AFTER ANY DEDUCTIONS FOR WATER PRESSURE REDUCING VALVES OR SPECIAL EQUIPMENT SUCH AS BACKFLOW PREVENTOR, FILTER, SOFTENER, ETC. THIS AVAILABLE PRESSURE MUST BE VERIFIED PRIOR TO CONSTRUCTION.
2. SUPPLY LINE INLET(S) SHOWN ON THESE PLANS ARE ASSUMED TO EXTEND ONLY TO EXTERIOR WALL. ALL SERVICE SUPPLY LINES UP TO THE INLET(S) ARE DESIGNED BY OTHERS AND SITE INSTALLED UNLESS OTHERWISE SPECIFIED.
3. SUPPLY LINE SIZING MUST BE REDESIGNED IF THE BUILDING DOES NOT COMPLY WITH ANY OF THE ABOVE ASSUMPTIONS.
4. UNLESS OTHERWISE SPECIFIED ALL SUPPLY LINES ARE 3/4"Ø AND ALL STUB-UPS ARE 1/2"Ø.
5. SUPPLY LINE SIZING SHOWN IS BASED ON A MAXIMUM EFFECTIVE DEVELOPED DISTANCE OF 80 FEET FROM THE INLET TO THE MOST REMOTE FIXTURE. PIPE SIZES SHOWN ARE ONLY APPLICABLE TO SYSTEMS AND BRANCH WITH THE SAME OR FEWER FIXTURES AS SHOWN.
6. HOT WATER SUPPLY SHALL BE ON THE LEFT SIDE OF FIXTURES PROVIDED WITH HOT WATER.



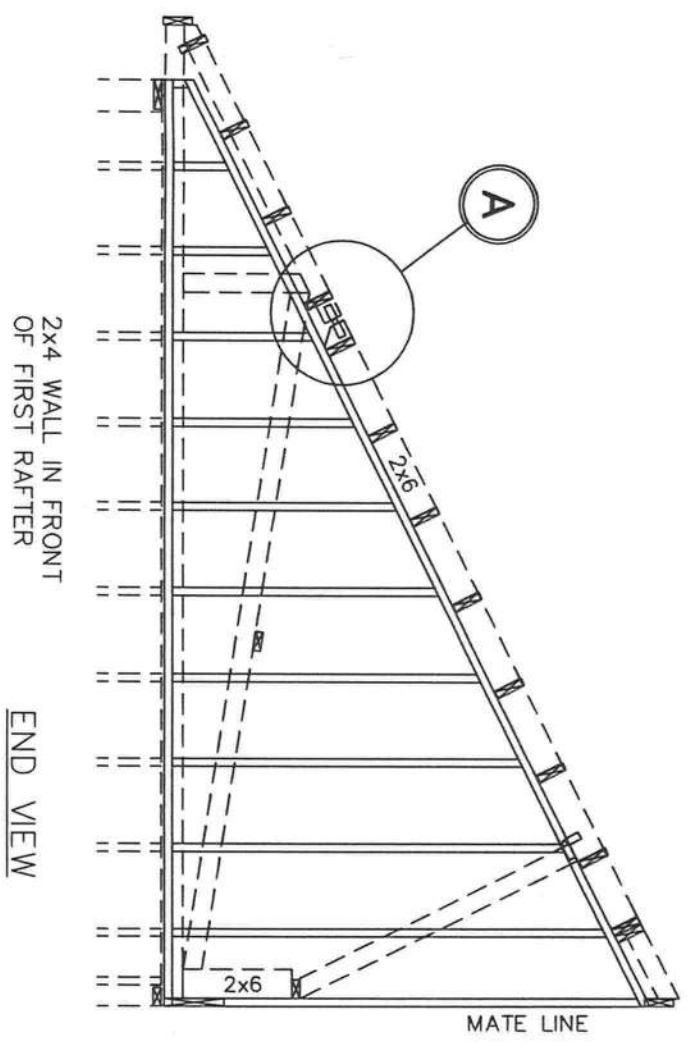
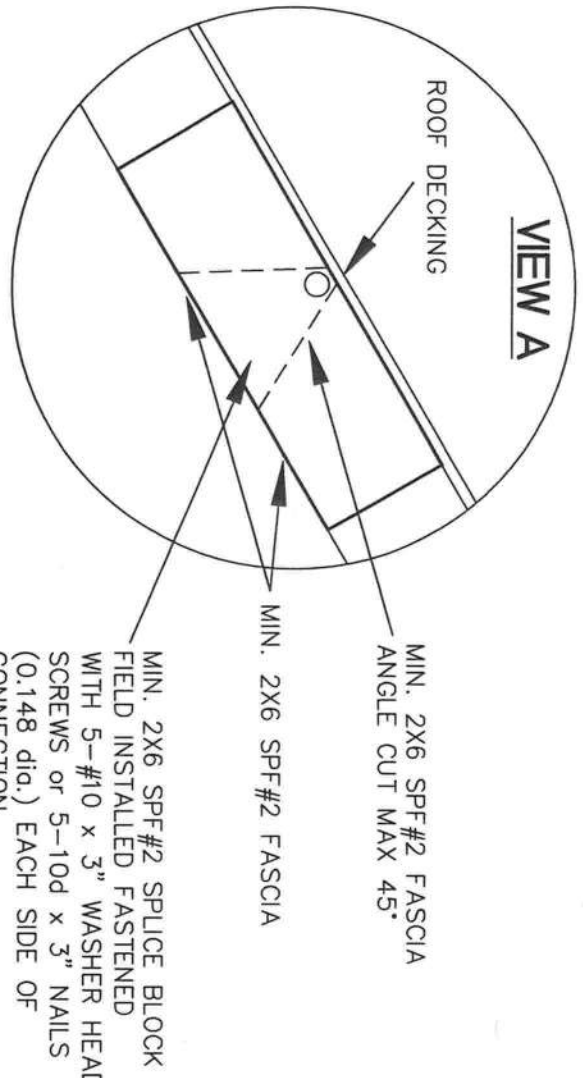
THIRD PARTY
HILBORN, WERNER, CARTER & ASSOCIATES
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KAG #032810CHB

PAGE 10 E 5.9	<div>CHAMPION</div> <div>P.O. BOX 2097 (1915 SE STATE ROAD 100) LAKE CITY, FLORIDA 32056</div>	Date: 04-06-10	Revisions		Cad#: FL-TYP10-06
		Dr'n KAG			
		Scale: 3/16"=1'			
		Code: D (07)			
		FLORIDA	DCA: DCA TYPICAL PACKAGE	Print: PAGE 10 TYPICAL POTABLE WATER SUPPLY LINES	



- ENDWALL OVERHANG NOTES:
- (1.) SHEATHING ON GABLE ENDWALL STUDDING IS SITE INSTALLED.
 - (2.) SHEATHING TO BE NOTCHED TO FIT AROUND OVERHANG BLOCKING.
 - (3.) SEE HOUSE PLAN ENDWALL CROSS-SECTION FOR FASTENING SPECIFICATIONS.
 - (4.) OVERHANG CONSTRUCTION LIMITED TO 150 MPH. EXP. C.
 - (5.) MAXIMUM MEAN ROOF HEIGHT IS LIMITED TO 36'-0".
 - (6.) MAXIMUM GABLE ENDWALL HEIGHT IS LIMITED TO 7'-9" WITH 2x4 SPF#2 CONSTRUCTION.



THIRD PARTY

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Date: 03-23-09	Revisions	Cad#: 07FBC29W6-3
Dr'n KAG		
Scale: N.T.S.		
Code: D (07)		
2007 FBC	Model: DCA TYPICAL 29W-HINGED RAFTER	Print: HINGED RAFTER OVERHANG DETAIL PAGE 3



CHAMPION HOME BUILDERS, INC.
P.O. BOX 2097
(1915 SE STATE ROAD 100)
LAKE CITY, FL 32056

2007 FBC

29W HINGED ROOF RAFTER



MAX. 6/12 ROOF PITCH

THE FOLLOWING PRINTS ARE TO BE USED
WITH OPTIONAL MAX. 6/12 ROOF PITCH

- HINGED RAFTER DETAIL PAGE 2
- HINGED ROOF OVERHANG DETAIL PAGE 3
- ENDWALL SECTION DETAILS PAGE 4

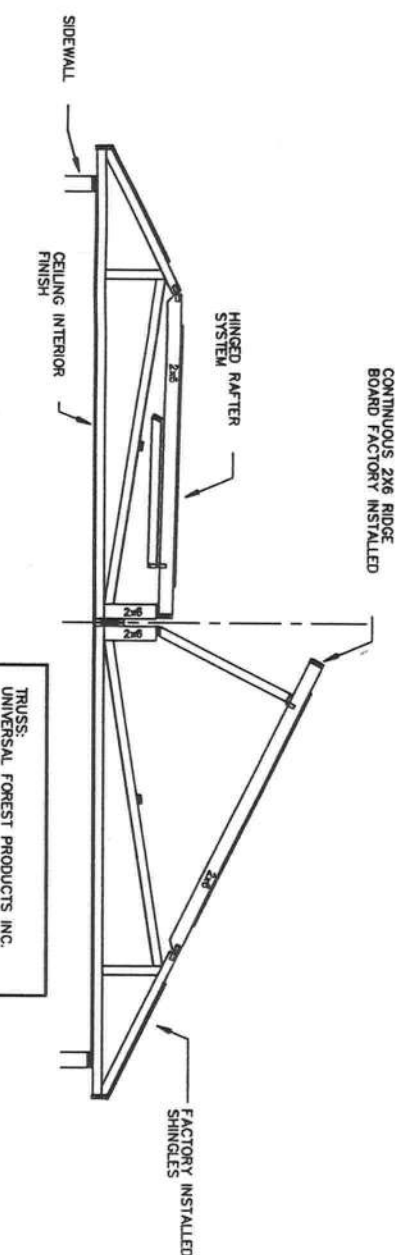
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Date: 03-23-09	Revisions		Cad#: 07FBC29W6-1
Dr'n KAG			
Scale: N.T.S.			
Code: D (07)			
2007 FBC	Model: DCA TYPICAL 29W-HINGED RAFTER	Print: PAGE 1 COVER PAGE	



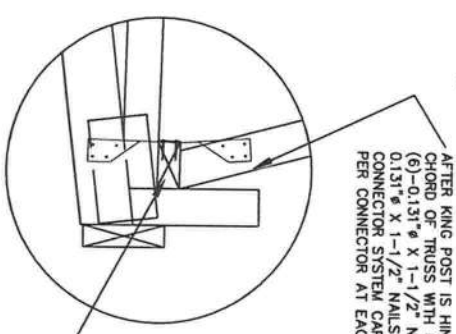
CONTINUOUS 2X6 RIDGE
BOARD FACTORY INSTALLED

TRUSS:
UNIVERSAL FOREST PRODUCTS INC.
REFER TO RAFTER PACKAGE

TRUSS PACKAGE
UNIVERSAL FOREST PRODUCTS
14'-6" WIDE MODULES
HC190606 (6/12 VAULT)
HM584511 (6/12 FLAT)
P450702 (6/12 FLAT) USE W/ HM584511

HILBORN, WERNER, CARTER
& ASSOCIATES
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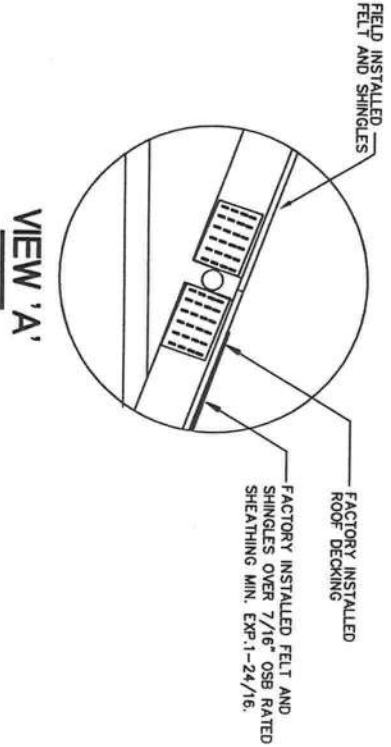


ALTERING POST IS HINED DOWN FASTEN TO BOTTOM CHORD OF TRUSS WITH USP RT10 CONNECTOR WITH (6)-0.131" ϕ X 1-1/2" NAILS AT EACH END AND (2) 0.131" ϕ X 1-1/2" NAILS INTO RAIL. OR OTHER CONNECTOR SYSTEM CAPABLE OF WITHSTANDING 510# PER CONNECTOR AT EACH TRUSS.

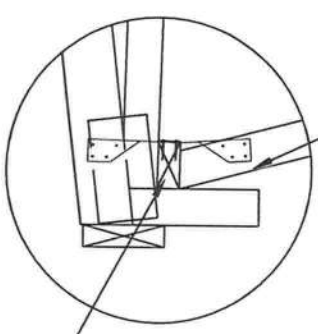
2X6 SPF #2 CONTINUOUS RAIL FASTENED INTO
END GRAIN OF EACH KING POST BELOW WITH
(4) 0.148" ϕ X 3" NAILS. FASTEN EACH
UPPER KING POST TO RAIL WITH (4) 0.148" ϕ
X 3" TOE NAILS. _____

THE UPPER RING POST IS HINGED DOWN, FASTENED TO THE LOWER RING POST WITH USP R720 CONNECTOR WITH (9)-0.148" x 1-1/2" NAILS AT EACH END OF CONNECTOR AND (2) 0.148" x 1-1/2" NAILS INTO RAIL, OR OTHER CONNECTOR SYSTEM CAPABLE OF WITHSTANDING 705# PER CONNECTOR AT EACH TRUSS

7/16" ORIENTED STRAND BOARD (OSB), RATED SHEATHING
EXP. 1-24/16 TO BE FASTENED TO TRUSSES PER MODEL
PLANS.

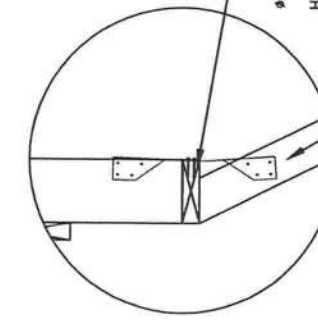


VIEW 'BB'



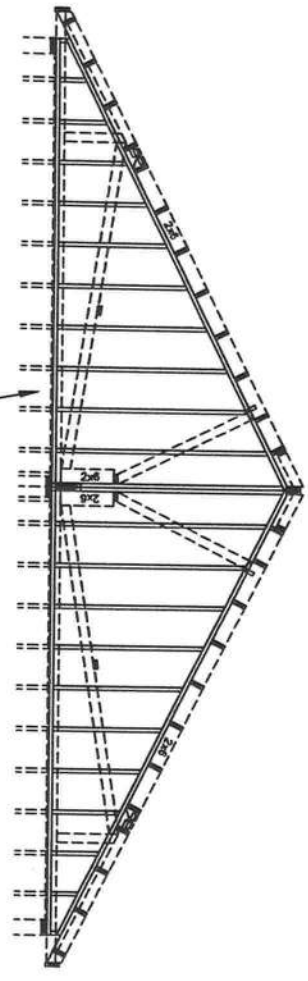
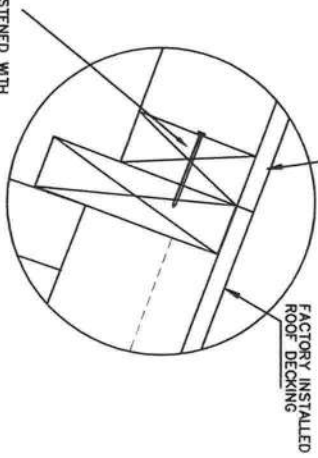
2X4 SPT#2 CONTINUOUS RAIL FASTENED INTO EACH WEB BELOW WITH (3) 0.148" ϕ X 3" NAILS. FASTEN EACH UPPER WEB TO RAIL WITH (3) 0.148" ϕ X 3" TOE NAILS.

VIEW 'B'



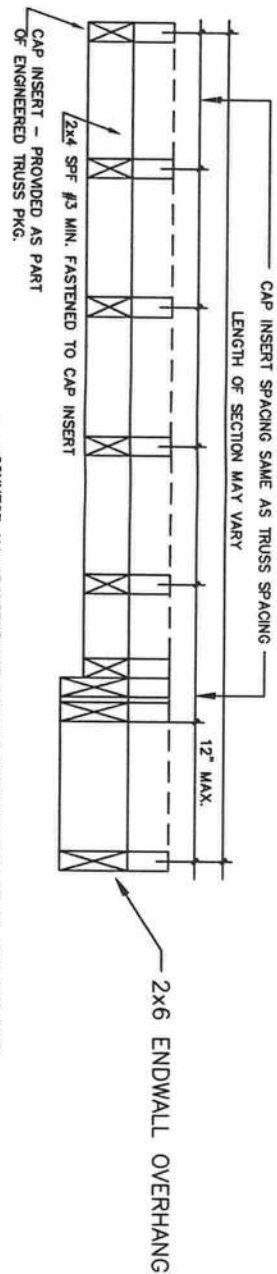
CAP INSERT ASSEMBLY FASTENED W/ 15 GA. 7/16" CROWN STAPLE w/ 2 1/2" x 3" NAILS (0.148 dia.) @ 10" O.C. WOOD SCREWS @ 12" O.C. FROM CAP INSERT TO RIDGE BOARD. ALONG ENTIRE LENGTH OF HOME.

VIEW 'C'



2x4 SPT#2 @ 16" o.c. WITH 2x4 TOP AND BOTTOM RAILS, USE (2) #8x3" WOOD SCREWS @ ALL CONNECTIONS FOR ASSEMBLY.

GABLE END WALL



FASTENED 2X6'S AT RIDGE TOGETHER WITH
15 GA. 7/16" CROWN STAPLE w/2 1/2" LEG
• 4" O.C. FROM SIDE TO SIDE or 2-10d x 3"
NAILS (0.148 dia.) • 10" O.C. or 2-#8 x 3" WOOD
SCREWS • 12" O.C. ALONG ENTIRE LENGTH OF HOME.

- CONNECT ALL ADJACENT CAP FRAMING TOGETHER WITH 30 GA. X 1 1/2" STEEL STRAP FASTENED WITH (3) 16 GA. X 7/16" CROWN X 1 1/8" STAPLES EACH END

2x6 SPF #3 MIN. FASTENED TO CAP INSERT WITH 2-15 GA. 7/16" CROWN STAPLE 1" PEN. OR 2-10d x 3" (0.148 dia.) NAILS EACH CONNECTION.

2x4 SPF #3 MIN. FASTENED TO CAP INSERT
WITH 2-15 GA. 7/16" CROWN STAPLE 1" PEN.
or 2-10d x 3" (0.148 dia.) NAILS EACH CONNECTION

CAP INSERT DETAIL

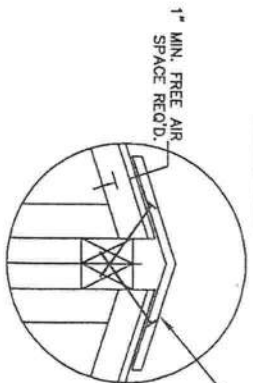
CAP INSERT ASSEMBLIES MAY VARY IN LENGTH TO ACCOMMODATE VARIOUS LENGTH MODULES. CAP INSERT SPACING TO CORRESPOND WITH ENGINEERED TRUSS SPACING.

Date: 03-23-09	Revisions		Cad#: 07FBC29W6-2
Dr'n KAG	06-09-09 KAG		
Scale: N.T.S.			
Code: D (07)			
2007 FBC	Model: DCA TYPICAL 29W-HINGED RAFTER	Print: PAGE 2 HINGED RAFTER DETAIL	

GENERAL CROSS SECTION NOTES

1. ALL LAG SCREWS MUST COMPLY WITH ANSI/BSF B 18.21 F#6-60KSI MIN. ALL BOLTS MUST COMPLY WITH ASTM A307. ALL NAILS ARE COMMON NAILS UNLESS OTHERWISE SPECIFIED.
2. SEE HOUSE PACKAGE FOUNDATION PLAN FOR PIER, FOUNDATION WALL AND TIE DOWN ANCHORAGE LOCATIONS, ORIENTATIONS AND SPECIFICATIONS.
3. SKY LITE OPTIONS. SEE FL ENERGY CALC'S FOR MAX. ALLOWABLE.
4. ALL VAPOR RETARDERS (KRAFTBACK, ETC.) SHALL BE INSTALLED ON THE INTERIOR SIDE OF ASSEMBLY.

DETAIL B



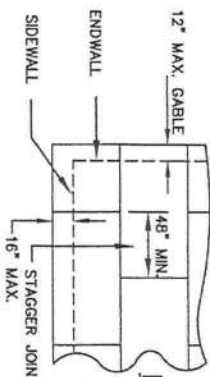
INSTALL TRIMLINE RIDGE VENTS ALONG CENTER LINE OF RIDGE (PER MANUFACTURER'S INSTRUCTIONS) OR EQUIVALENT.

SITE INSTALL MIN. 3/8" x 6" LAG SCREWS STAGGERED FROM SIDE TO SIDE AT 24" O.C. MAXIMUM. LAG SCREWS MUST PENETRATE 1 3/4" MINIMUM INTO ADJACENT MODULE TRUSS.

TRUSS PACKAGE	
UNIVERSAL FOREST PRODUCTS	
13'-4" WIDE MODULES	14'-6" WIDE MODULES
SEE HOUSE PACKAGE	
ATTIC VENTILATION	
SEE HOUSE PACKAGE	

FIRST 4 FEET FROM END WALLS SPACE TRUSSES AT 1/2 OF LISTED SPACING OR DESIGN TRUSSES FOR END ZONE CONDITION.

LISTED ENGINEERED TRUSSES AT 16" O.C. OR 24" O.C. PER DCA PACKAGE LISTED ROOF TRUSS DESIGN LOADS:
LIVE LOAD 20 PSF TOP CHORD
DEAD LOAD 6 PSF TOP CHORD
LIVE LOAD 10 PSF BOTTOM CHORD
DEAD LOAD 5 PSF BOTTOM CHORD



ROOF SHEATHING DETAIL

7/16" ORIENTED STRAND BOARD, RATED SHEATHING EXP. 1-24/16 TO BE FASTENED TO TRUSSES WITH 15 GA 7/16" CROWN STAPLE X 2 1/2" LEG OR EQUIVALENT AT 4" O.C. ON EDGES AND 3" O.C. IN FIELD.
NOTE: FIELD FASTENERS MAY BE 6" O.C. IN AREAS NOT LOCATED WITHIN 3 FEET OF ENDWALLS OR AT OVERHANGS.
NOTE: SHEAR LOAD ON ROOF DIAPHRAGM AT END WALLS SHALL NOT EXCEED 151 PLF FOR THIS SHEATHING MATERIAL AND FASTENING.

ROOF COVERING OVER 7/16" OSB, RATED SHEATHING, MINIMUM EXP.-1 24/16 - SEE ROOF SHEATHING DETAIL.

FASTEN EACH TRUSS TO TOP PLATE WITH (3) #8X3" WOOD SCREWS

EXTERIOR WALL STRUCTURAL BRACING ENDWALLS:

BRACING INSTALLATION:
STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUSLY FROM TOP OF SIDEWALL TOP PLATE TO LOWER EDGE OF FLOOR RIMRAIL. ALL SHEATHING EDGES TO BE SUPPORTED BY 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS THE EXTERIOR WALL FRAMING (MIN.).

EXTERIOR WALL STRUCTURAL BRACING ENDWALLS:

BRACING INSTALLATION:
STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUSLY FROM TOP OF SIDEWALL TOP PLATE TO LOWER EDGE OF FLOOR RIMRAIL. ALL SHEATHING EDGES TO BE SUPPORTED BY 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS THE EXTERIOR WALL FRAMING (MIN.).

BRACING MATERIAL:

3/8" APA RATED SHEATHING EXP. 1, EXP. 2, EXT., OR 3/8" APA RATED SING EXP. 1, OR 7/16" O.S.B. RATED SHEATHING EXP. 1, FASTENED WITH 15 GA STAPLE W/7/16 CROWN X 1 3/4" LEG OR EQUIVALENT 4" O.C. EDGES AND 8" O.C. IN THE FIELD.

EXTERIOR MATERIAL:

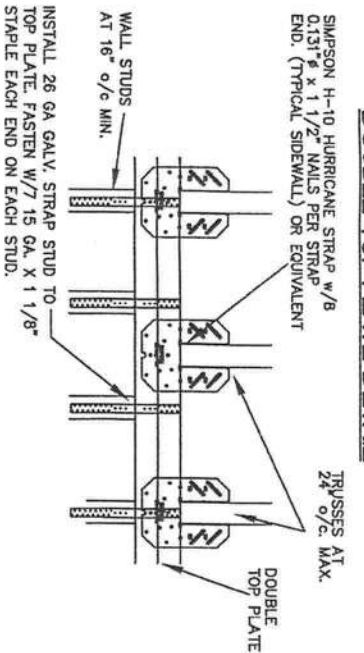
ALL EXTERIOR MATERIALS MUST MEET REQUIREMENTS OF SECTION R301, INCLUDING LARGE MISSILE TEST

FLOOR JOIST SPECIFICATIONS

2x8 SPF#2 MIN. FLOOR JOIST AND RIMS FOR 13'-4" MODULES
2x8 SPF#2 MAY BE REPLACED BY 2x10 SPF#2
2x10 SPF#2 MIN. FLOOR JOIST AND RIMS FOR 14'-6" MODULES
SPF#2 MAY BE REPLACED WITH SY#2
ALL FLOOR JOIST ARE 16" O.C.

NOTE: FLOOR SYSTEM IS NOT DESIGNED TO CARRY CONCENTRATED LOADS FROM COLUMNS. SEE FOUNDATION PLAN FOR SUPPORT REQUIREMENTS AT MATE LINE AND SIDEWALL COLUMNS. (DESIGNED BY OTHERS)

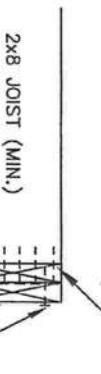
DOUBLE TOP PLATE DETAIL



DOUBLE TOP PLATE DETAIL

RETURN AIR DUCTS SHALL NOT BE INSTALLED IN THE CRAWLSPACE OF HOMES PLACED IN AREAS THAT HAVE ADOPTED APPENDIX F OF THE FLORIDA RESIDENTIAL CODE.

DBL. RIM JOIST FASTENING DETAIL:
FASTEN INNER 2x8 (or 2x10) RIM TO JOIST W/5-16d x 3 1/2" NAILS, 6-10d x 3 1/4" NAILS, 7-8d x 3" NAILS OR 11-15ga. x 2 1/2" STAPLES.



EXTERIOR FINISH MATERIAL

ROOF - SHINGLES INSTALLED PER MANUFACTURER'S SPECS. SHINGLES SHALL BE INSTALLED OVER 15# FELT, 2 LAYERS FOR PITCHES UP TO 4/12 AND 1 LAYER FOR 4/12 AND STEEPER. SHINGLES SHALL COMPLY WITH ASTM D3462.

WALL - 5/8" 11-11 APA RATED PANEL SIDING OR VINYL HORIZONTAL LAP SIDING INSTALLED PER MANUFACTURER'S SPECIFICATIONS. BRICK VENEER, STUCCO, OR OTHER APPROVED FINISH SITE INSTALLED BY OTHERS. SUBJECT TO LOCAL APPROVAL.

FLOOR - BLOCK TILE OR UNOLEUM IN BATHROOM AND OTHER WET AREAS. CARPET, BLOCK TILE, OR UNOLEUM IN ALL OTHER AREAS. FLOOR FINISH MAY BE FIELD INSTALLED.

INTERIOR FINISH MATERIAL

CEILING - 1/2 INCH, HIGH STRENGTH, REINFORCED TYPE GYPSUM BOARD, APP. FOR WET FINISH APPLICATION. INSTALLED PER MANUFACTURER'S SPECS.

WALL - 3/8 INCH MINIMUM GYPSUM BOARD 3/8 INCH MINIMUM VINYL COVER GYPSUM BOARD IN BATHROOMS. 3/8" MIN. GYP W/16" o/c STUDS 1/2" MIN. GYP W/24" o/c STUDS CONTAINING AIR HANDLING UNITS.

FLOOR - BLOCK TILE OR UNOLEUM IN BATHROOM AND OTHER WET AREAS. CARPET, BLOCK TILE, OR UNOLEUM IN ALL OTHER AREAS. FLOOR FINISH MAY BE FIELD INSTALLED.

THIRD PARTY

HILBORN, WERNER, CARTER & ASSOCIATES
1627 SOUTH MYRTLE AVE.
CLEARWATER, FL 33756

KENNETH A. GODFREY, P.E.
490 RUSTIC BARN TRAIL
MORGANTON, GA. 30560
FL PE#40131
KAG #032810CHB

Cad#: FL-TYP7-06

Revisions

Date: 04-06-10

Dr'n KAG

Scale: N.T.S.

Code: D (07)

FLORIDA

Model: DCA TYPICAL PACKAGE

Print:

PAGE 7

OFF FRAME CROSS SECTION

CHAMPION

P.O. BOX 2097 (1915 SE STATE ROAD 100) LAKE CITY, FLORIDA 32056