



HOMES OF MERIT, INC.  
P.O. BOX 2097  
HWY 100 EAST  
LAKE CITY, FLORIDA 32056

# FLORIDA TYPICAL COVER PAGE

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## THIRD PARTY

HILBORN, WERNER, CARTER  
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HOMES OF MERIT, INC.  
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Date: 5-5-04	Revisions		Cad#: FL-TYP1
Dr'n CP	10-11-05 FP		
Scale: N.T.S.			
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FLORIDA	DCA: DCA TYPICAL PACKAGE	Print:	PAGE 1 INDEX

APPROVED JAN 24 2006

THIS IS NOT A "HUD" HOME

GENERAL NOTES: 2004 FBC, RES. WITH 2005 SUPPLEMENTS

1. ALL GLAZING WITHIN 24" ARC OF DOORS, WHOSE BOTTOM EDGE IS LESS THAN 60" ABOVE THE FLOOR, AND ALL GLAZING IN DOORS SHALL BE SAFETY, TEMPERED OR ACRYLIC PLASTIC SHEET.
2. FLOOR DESIGN LIVE LOAD -- 40 PSF.
3. MAXIMUM WIND SPEED -- 130 MPH - EXP.C
4. OCCUPANCY IS RESIDENTIAL (R-3).
5. OCCUPANT LOAD IS BASED ON 1 PERSON PER 200 Sq Ft OF FLOOR AREA.
6. 1.5" x 26ga. WITH 7-15 ga. x 7/16" CROWN x 1-1/8" STAPLES EACH END OF STRAP OR EQUIVALENT FROM RIDGE BEAM TO COLUMN, AND COLUMN TO FLOOR.
7. CONSTRUCTION IS TYPE VB, UNPROTECTED.
8. CEILING FANS SHALL BE 80" MIN. FROM BOTTOM OF BLADES TO FINISH FLOOR.
9. MIN. CORRIDOR WIDTH IS 36".
10. ALL MATERIALS COMPROMISING THE BUILDING ENVELOPE SHALL HAVE FLORIDA PRODUCT APPROVALS PER FL. BUILDING COMMISSION 9B-72 RULES.

SITE INSTALLED ITEMS:

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

1. THE COMPLETE FOUNDATION SUPPORT AND THE DOWN SYSTEM.
2. RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING.
3. PORTABLE FIRE EXTINGUISHER(S).
4. BUILDING DRAINS, CLEANOUTS, AND HOOK-UP TO PLUMBING SYSTEM.
5. ELECTRICAL SERVICE HOOK-UP (INCLUDING FEEDERS) TO THE BUILDING.
6. THE MAIN ELECTRICAL PANEL AND SUB-FEEDERS (MULTI-UNITS ONLY).
7. CONNECTION OF ELECTRICAL CIRCUITS CROSSING OVER MODULE MATING LINE(S) - (MULTI-UNITS ONLY).
8. STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES (MULTI-UNITS ONLY).
9. DORMERS, AND ANY OTHER AESTHETIC CONNECTIONS.
10. FOUNDATION SILL PLATE ANCHORAGE.
11. FLOOR INSULATION MAY BE SITE INSTALLED
12. POTABLE WATER SERVICE, MAIN SHUT OFF VALVE.
13. OPENING PROTECTION IN WIND DEBRIS REGIONS I.E. WINDOWS, DOORS, SHUTTERS.
14. PLAN REVIEW AND INSPECTION REQUIRED BY CHAPTER 633 F.S., TO BE HANDLED BY LOCAL FIRE SAFETY INSPECTOR.
15. ROOFING MATERIAL, METAL ROOF, EVE DRP.

MECHANICAL NOTES: 2004 FBC, RES. WITH 2005 SUPPLEMENTS

1. ALL SUPPLY AIR REGISTERS ARE ADJUSTABLE, EXCEPT WHERE OTHERWISE SPECIFIED.
2. INTERIOR DOORS SHALL BE UNDERCUT 1.5" ABOVE FINISHED FLOOR FOR AIR RETURN AND/OR AS NOTED ON FLOOR PLAN.
3. BATHROOM VENT FANS SHALL PROVIDE A MINIMUM OF 50 CFM.
4. VENT FANS SHALL BE DUCTED TO THE EXTERIOR AND TERMINATE AT AN APPROVED VENT CAP.
5. HVAC EQUIPMENT SHALL BE EQUIPPED WITH OUTSIDE FRESH AIR INTAKES PROVIDING 15 CFM FOR EACH OCCUPANT, OR 50 CFM FOR EACH WATER CLOSET AND EACH URINAL, WHICHEVER IS GREATER.

RIDGE BEAM CONSTRUCTION NOTES

1. LVL F<sub>b</sub> = 2800 PSI
2. LVL OR OTHER SIMILAR MATERIAL MUST BE CONTINUOUS OVER CLEARSPAN(S).
3. BEAMS SUPPORTED BY ENDWALL COLUMNS MUST EXTEND CONTINUOUS OVER COLUMNS TO EXTERIOR FACE OF ENDWALL.
4. INSTALL (2x4) x 20" SPF #3 RIDGE BEAM BEARING STEFFNER OVER SUPPORT COLUMNS WHEN SPECIFIED ON FLOOR PLAN. FASTEN THE FACE OF THE STEFFNER TO THE RIDGE BEAM WITH 100% GLUE COVERAGE AND 8-15 ga x 2 1/2" STAPLES.
5. FASTEN ROOF SHEATHING INTO TOP EDGE OF BEAM TO PROVIDE CONTINUOUS LATERAL SUPPORT OF BEAM.

ELECTRICAL NOTES: 2002 NEC

1. ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRICAL CODE (NEC).
2. 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" AND ALL OTHER FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 6" FROM "STORAGE AREA" AS DEFINED BY NEC 410-8(a).
3. WHEN WATER HEATERS ARE INSTALLED THEY SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE WATER HEATERS SERVED. THE BRANCH CIRCUIT SWITCH OR CIRCUIT BREAKER SHALL BE PERMITTED TO SERVE AS THE DISCONNECTING MEANS ONLY WHERE THE SWITCH OR CIRCUIT BREAKER IS WITHIN SIGHT FROM THE WATER HEATER OR IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION.
4. HVAC EQUIPMENT SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE EQUIPMENT SERVED. A UNIT SWITCH WITH A MARKED "OFF" POSITION THAT IS A PART OF THE HVAC EQUIPMENT AND DISCONNECTS ALL UNDERGROUND CONDUCTORS SHALL BE PERMITTED AS THE DISCONNECTING MEANS WHERE OTHER DISCONNECTING MEANS ARE ALSO PROVIDED BY A READILY ACCESSIBLE CIRCUIT BREAKER.
5. PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED AND VERIFIED AS BEING IN COMPLIANCE WITH SECTION 110-9 OF THE NEC BY LOCAL ELECTRICAL CONSULTANT.
6. THE MAIN ELECTRICAL PANEL AND FEEDERS ARE DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
7. SMOKE DETECTORS SHALL BE WIRED SO THAT THE OPERATION OF ANY ONE SMOKE DETECTOR WILL CAUSE SIMULTANEOUS ACTIVATION OF ALL OTHERS.
8. ALL CIRCUITS CROSSING OVER MODULE MATING LINE(S) SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBLE JUNCTION BOXES OR CABLE CONNECTORS.
9. 20 AMP WITH 12/2 WIRE MAY REPLACE 15 AMP 14/2 WIRE GENERAL LIGHTING CIRCUITS, AND 20 AMP 12/3 WIRE MAY REPLACE 15 AMP 14/3 WIRE, ON SMOKE DETECTOR CIRCUITS
10. ARC-FAULT CIRCUIT INTERRUPTERS LISTED FOR PROTECTION OF THE ENTIRE BRANCH CIRCUIT INSTALLED ON ALL BEDROOM CIRCUITS.
11. RECEIPT INSTALLED IN A WET EXTERIOR LOCATIONS SHALL BE IN A WEATHER PROOF ENCLOSURES, THE INTEGRITY OF WHICH IS NOT AFFECTED WHEN THE ATTACHMENT PLUG IS INSERTED OR REMOVED.

PLUMBING NOTES: 2004 FBC, RES. WITH 2005 SUPPLEMENTS

1. ALL PLUMBING FIXTURES SHALL HAVE SEPARATE SHUT-OFF VALVES.
2. WATER HEATER SHALL HAVE SAFETY PAN WITH 1" DRAIN TO EXTERIOR, T & P RELIEF VALVE WITH DRAIN TO EXTERIOR, AND A SHUT OFF VALVE WITHIN 3'-0" ON A COLD WATER SUPPLY LINE.
3. WATER PIPES INSTALLED IN A WALL EXPOSED TO THE EXTERIOR SHALL BE LOCATED ON THE HEATED SIDE OF THE WALL INSULATION. WATER PIPING INSTALLED IN AN UNCONDITIONED ATTIC SHALL BE INSULATED WITH AN INSULATION OF R-6.5 MIN.
4. DWV SYSTEM SHALL BE EITHER ABS OR PVC - DWV.
5. WATER SUPPLY LINES SHALL BE POLYBUTYLENE, CPVC, OR COPPER. WHEN POLYBUTYLENE SUPPLY LINES ARE INSTALLED THE MAX. WATER HEATER TEMPERATURE SETTING IS 180° F. THE POLYBUTYLENE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS LIMITATIONS AND INSTRUCTIONS.
6. TUB ACCESS PROVIDED UNDER HOME, UNLESS OTHERWISE NOTED.
7. SHOWER STALLS SHALL BE COVERED WITH NONABSORBENT MATERIAL TO A HEIGHT OF 70" ABOVE FINISH FLOOR.
8. THERMAL EXPANSION DEVICE, IF REQUIRED BY WATER HEATER INSTALLED, AND IF NOT SHOWN ON PLUMBING PLAN, IS DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL APPROVAL.

FOUNDATION:

IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF COMMUNITY AFFAIRS, THESE BUILDING PLANS CONTAIN FOUNDATION SUPPORT AND TIE DOWN SYSTEM DETAILS AND SPECIFICATIONS TO SITE CONDITIONS STATED. IF ACTUAL SITE CONDITION DIFFERS FROM THESE DESIGN PLANS THEN THE ARCHITECT / ENGINEER OF BUILDING PLANS SHOULD BE CONTACTED TO OBTAIN APPROPRIATE FOUNDATION PLANS. IF FOUNDATION PLANS ARE DESIGNED BY OTHERS, THE ARCHITECT / ENGINEER OF BUILDING PLANS SHALL NOT BE HELD RESPONSIBLE OR LIABLE FOR THE FOUNDATION DESIGN AND THE CONSEQUENTIAL PERFORMANCE OF THE SUPERSTRUCTURE'S STRUCTURAL COMPONENTS AND SYSTEMS RELATING THERE TO.

NOTE:  
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GENERAL NOTES

Revisions

11-2-05 CP  
1-13-06 CP

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FLORIDA

DCA: DCA TYPICAL  
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6. TUB ACCESS PROVIDED UNDER HOME, UNLESS OTHERWISE NOTED.
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Code: FL-TYP2

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Print: PAGE 2  
GENERAL NOTES

Revisions

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FLORIDA

DCA: DCA TYPICAL  
PACKAGE



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HOMES OF MERIT  
P.O. BOX 2097  
HWY 100 EAST  
LAKE CITY, FLORIDA 32056  
HOME WITH STEEL FRAME

NOTES:

1. THE STEEL FRAME LOCATED UNDER THIS HOME IS FOR PERMANENT SET-UP AND NOT INTENDED FOR RELOCATING THE HOME AFTER INITIAL SET-UP.
2. ALL FOUNDATION CONSTRUCTION, MATERIALS, AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
3. TIE-DOWN STRAPS TO BE 1-1/4" X .035" TYPE-1, FINISH B, GRADE 1 ZINC COATED STEEL STRAPPING CONFORMING WITH ASTM D3953-91. TIE-DOWN STRAPS AND CONNECTING HARDWARE SHALL HAVE 3150# MINIMUM WORKING CAPACITY.
4. GROUND ANCHORS SHALL HAVE 3150# MINIMUM WORKING, CAPACITY, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. DESIGN OF GROUND ANCHOR, INCLUDING SHAFT LENGTH, NUMBER AND DIAMETER OF HELIXES, ETC., TO BE AS SPECIFIED BY THE GROUND ANCHOR MANUFACTURER FOR THE ACTUAL SOIL TYPE ENCOUNTERED. IF THE HOLDING OR PULLOUT CAPACITIES OF GROUND ANCHORS ARE BELOW THE VALUES SPECIFIED ABOVE A ARCHITECT/ENGINEER MUST BE CONSULTED FOR AN ALTERNATE ANCHORAGE DESIGN.
5. I-BEAM SUPPORT PIERS MAY BE INSTALLED Laterally (90° FROM THE ORIENTATION SHOWN ON THE FOUNDATION PLAN). MUST BE LOCATED DIRECTLY BELOW THE I-BEAM CENTERLINE.
6. INSTALL BLOCK PIER ON EACH SIDE OF ALL EXTERIOR DOOR OPENINGS. (MANUFACTURER'S RECOMMENDATION ONLY - OPTIONAL WHEN NOT SHOWN) SLIGHT ADJUSTMENT MAY BE REQUIRED TO INSURE OPENABILITY AFTER INSTALLATION OF BUILDING IS COMPLETE.
7. THE FIRST TIE-DOWN STRAP FROM ENDWALL SHALL NOT EXCEED 1/2 THE MAXIMUM SPACING INDICATED.
8. ALL PIERS SHALL BE CONSTRUCTED OF 8" X 8" X 16" CONCRETE MASONRY UNITS CONFORMING TO ASTM C90. MASONRY UNITS SHALL BE LAID IN TYPE M OR S MORTAR. PIER FOOTINGS SHALL BE DESCRIBED AS ABOVE.
9. ALL PIERS SHALL BE CAPPED WITH 2X8 SYP PRESSURE TREATED SILL PLATES, FULL LENGTH OF PIER.

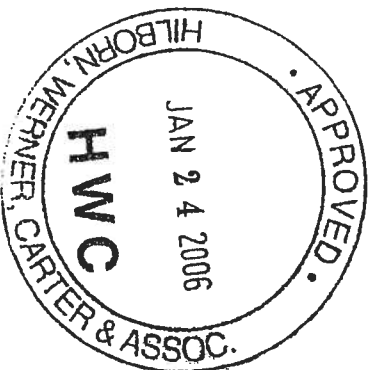
THE FOLLOWING PRINTS ARE TO ONLY BE USED WHEN STEEL FRAME REMAINS ON HOME.

CROSS SECTION PAGE 4

BLOCK AND ANCHOR PAGE 5

FOUNDATION (SEE HOUSE PACKAGE FOUNDATION PAGE)

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Date: 5-5-04	Revisions		Cad#: FL-TYP3
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Code: D (04)			
FLORIDA	Model: DCA TYPICAL PACKAGE	Print: PAGE 3 ON FRAME	APPROVED JAN 24 2006



1. UNLESS OTHERWISE SPECIFIED, ALL STEEL I-BEAMS MUST COMPLY WITH ASTM A36, YIELD STRENGTH = 36 KSI
2. ALL LAG SCREWS AND BOLTS MUST COMPLY WITH ASTM A307, A573/ASME B 18.2.1
3. SEE FOUNDATION PLAN FOR PIER, FOUNDATION WALL AND THE DOWN ANCHORAGE LOCATIONS, ORIENTATIONS, AND SPECIFICATIONS.
4. SKY LITE OPTIONS, SEE P.L. ENERGY CALC'S FOR MAX. ALLOWABLE.

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Cad#: FL-TYP4

APPROVED JAN 24 2006

PAGE 4

Print: PAGE 4  
CROSS SECTION ON STEEL FRAME

Model: DCA TYPICAL  
PACKAGE

FLORIDA

Date:	10-12-05
Dr'n	STAFF
Scale:	N.T.S.
Code:	D (06)

HOMES OF MERIT  
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PAGE 4  
E 5.3A

The logo for Homes Merit is a circular emblem. It features the word "Homes" in a large, stylized, outlined font at the top, and the word "Merit" in a similar font at the bottom. A small "of" is positioned between the two words, also in an outlined font. The entire text is enclosed within a double-lined circular border.

A circular ink stamp from the law firm Hilborn, Werner, Carter &amp; Assoc. The outer ring of the stamp contains the firm's name at the top and 'APPROVED.' at the bottom. The center of the stamp features the date 'JAN 24 2006' and the initials 'HWC' in a large, bold, sans-serif font.

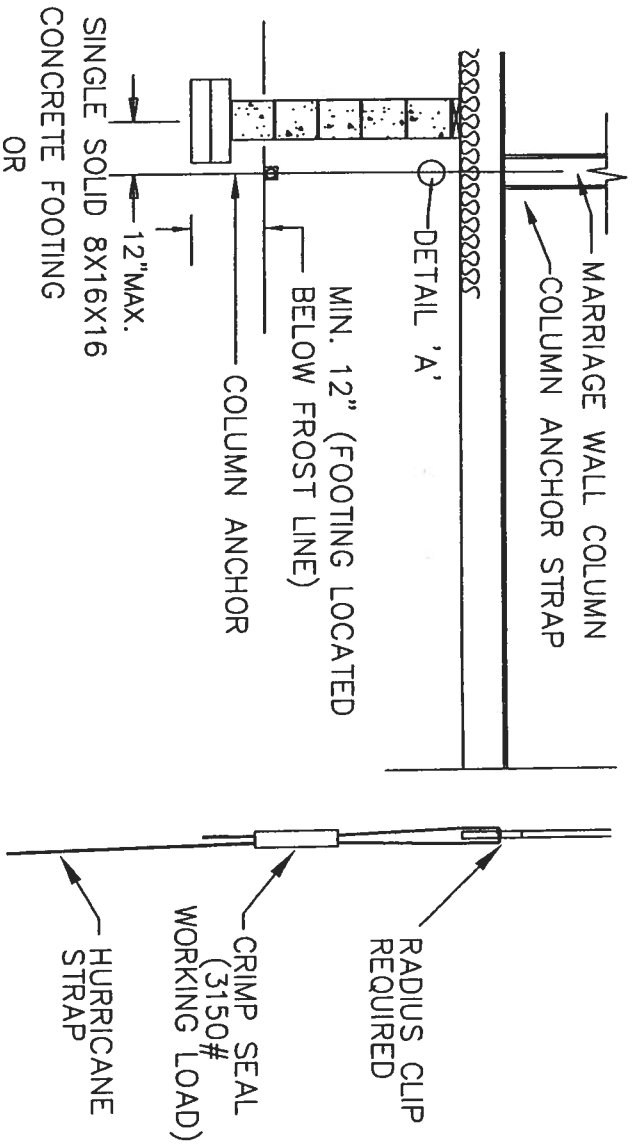
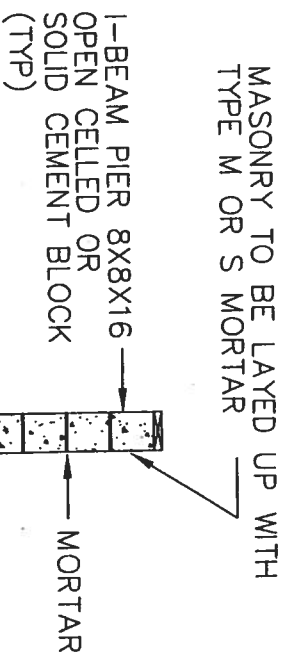
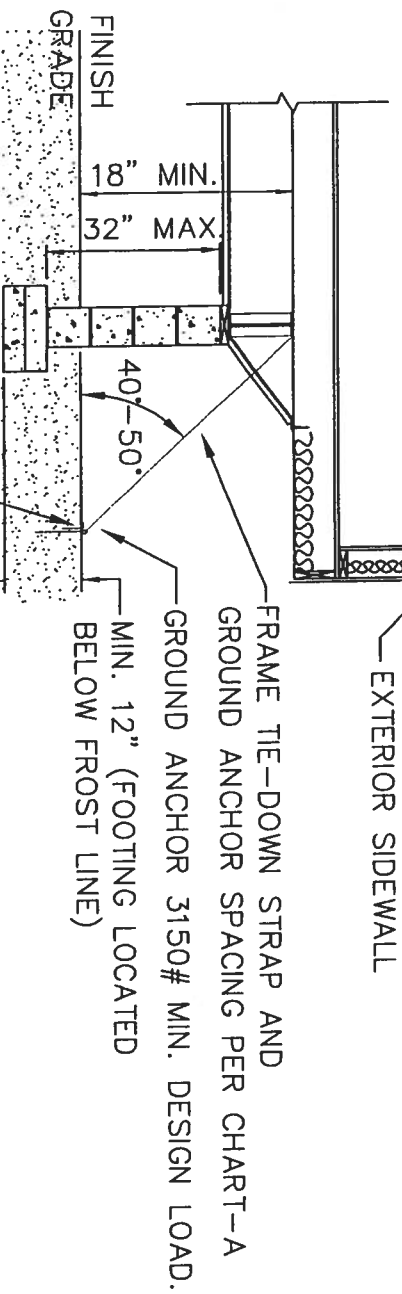


CHART-A		ROOF PITCH							
		UP TO 4/12	UP TO 7/12	UP TO 10/12	UP TO 12/12	UP TO 12/12	UP TO 12/12	UP TO 12/12	UP TO 12/12
WIND SPEED ZONE(END/INT)	END	INT	END	INT	END	INT	END	INT	END
130 MPH	4'-0"	6'-7"	4'-4"	5'-6"	2'-11"	3'-8"	3'-8"	3'-8"	3'-8"
120 MPH	5'-0"	8'-2"	5'-1"	6'-6"	3'-5"	4'-4"	4'-4"	4'-4"	4'-4"
110 MPH	6'-4"	10'-3"	6'-2"	7'-11"	4'-1"	5'-2"	5'-2"	5'-2"	5'-2"
100 MPH	8'-0"	12'-0"	7'-7"	9'-9"	5'-0"	6'-4"	6'-4"	6'-4"	6'-4"

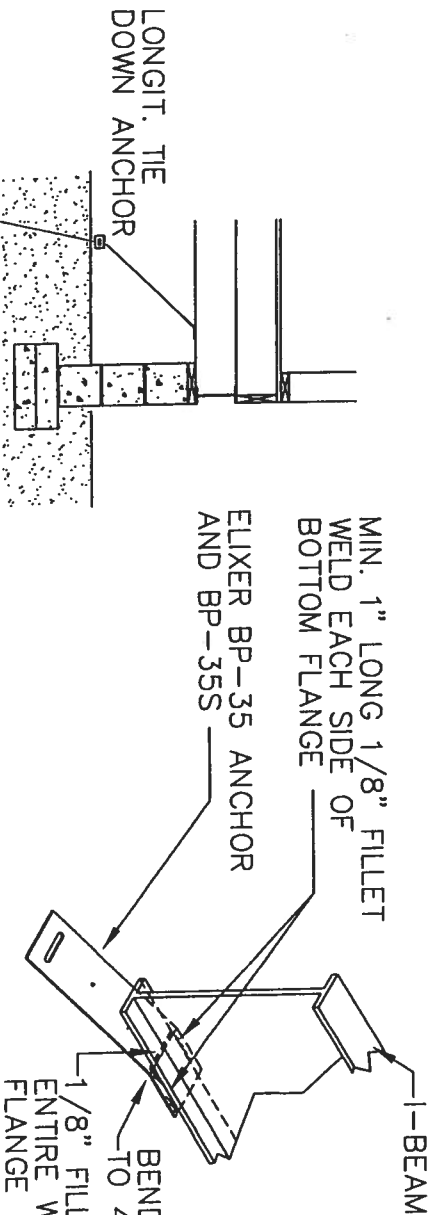


PLAN VIEW SECTION  
SINGLE SOLID 8X16X16 CONCRETE FOOTING  
OR  
DOUBLE 4X16X16 CONCRETE PADS  
PIER TYPE A  
FROM FOUNDATION PLAN

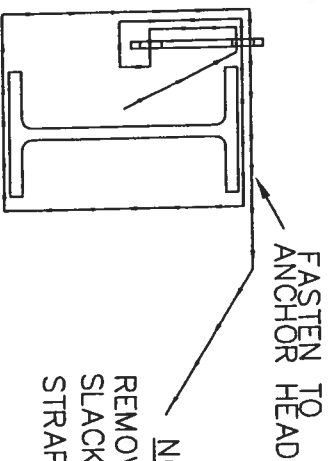
DOUBLE 4X16X16  
CONCRETE PADS  
SECTION B-B  
FROM FOUNDATION PLAN



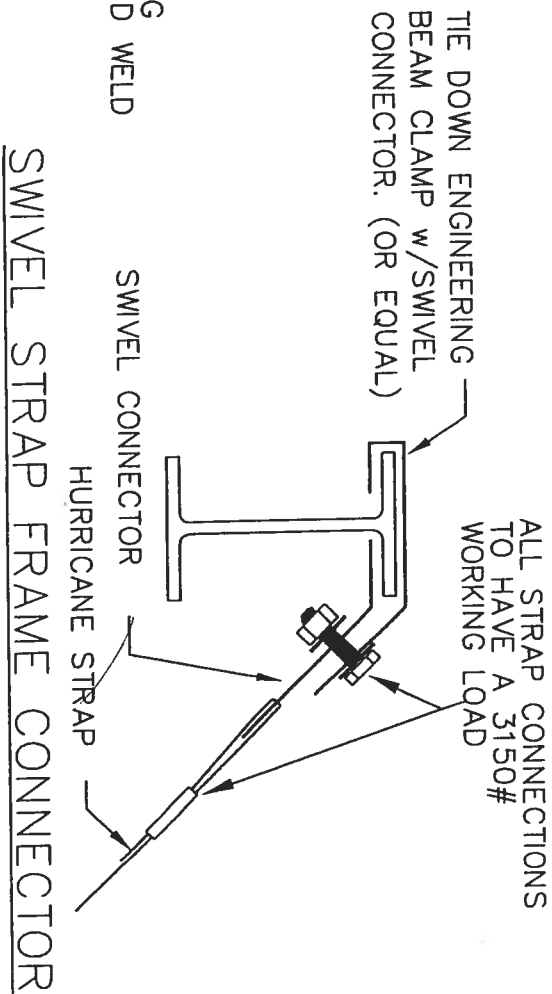
SECTION A-A  
FROM FOUNDATION PLAN  
STABILIZER PLATE TO BE INSTALLED AT ALL FRAME TIES (UNLESS HURRICANE ANCHOR IS LISTED FOR A 3150# ANGULAR LOAD WITHOUT STABILIZER PLATES.)



SECTION 'C-C' LONGITUDINAL STRAP CONNECTION



HURRICANE STRAP FASTENING  
AT I-BEAM



SWIVEL STRAP FRAME CONNECTOR  
AT I-BEAM



ROBERT E. GREGG  
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THIRD PARTY  
HILBORN, WERNER, CARTER  
& ASSOCIATES  
1627 SOUTH MYRTLE AVE.  
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HOMES OF MERIT, INC.  
P.O. BOX 2097  
HWY 100 EAST  
LAKE CITY, FLORIDA 32056



Date: 5-5-04	Revisions	Cad#: FL-TYP5
Dr'n ROB	10-11-05 FP	
Scale: N.T.S.		
Code: D (04)		
FLORIDA	Model: DCA TYPICAL PACKAGE	Print: PAGE 5 FOUNDATION DETAILS

APPROVED JAN 24 2006



HOMES OF MERIT  
P.O. BOX 2097  
HWY 100 EAST  
LAKE CITY, FLORIDA 32056

HOME WITHOUT STEEL FRAME

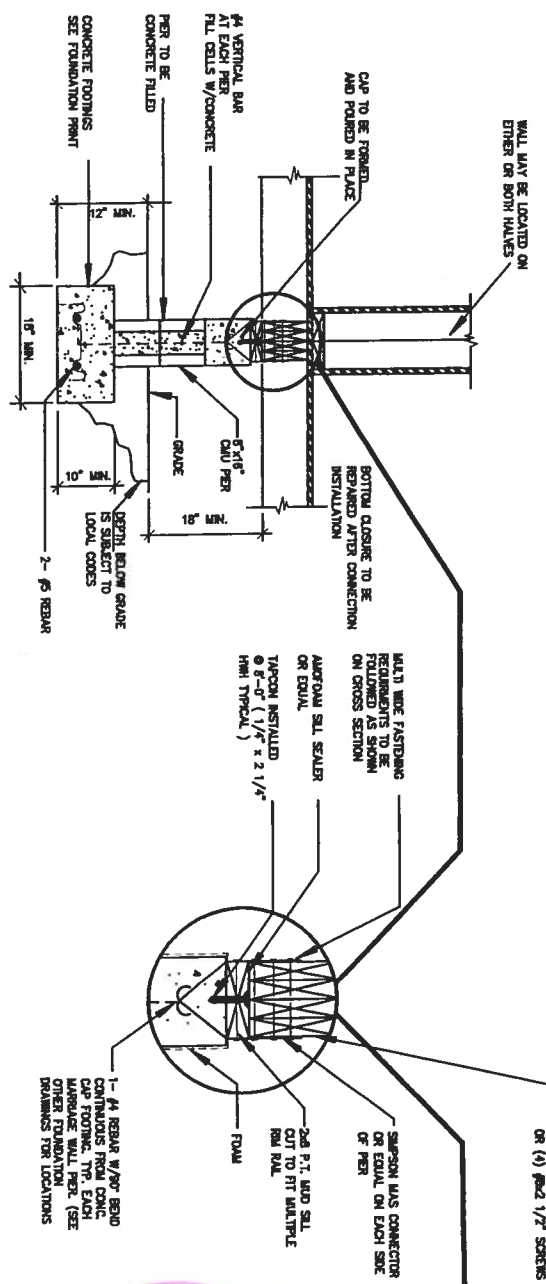
NOTES:

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 PLAN IS 2,000 PSF. IF THE ACTUAL SOIL BEARING CAPACITY IS LESS THAN 2,000 PSF, AN ARCHITECT/ENGINEER MUST BE CONSULTED FOR REQUIRED ALTERNATE FOUNDATION DESIGN. FOOTINGS SHALL BE PLACED ON NON-EXPANSIVE SOILS ONLY.
3. MINIMUM CONCRETE FOOTING COMPRESSIVE STRENGTH 2,500 PSI AT 28 DAYS.
4. ALL REINFORCEMENT BARS SHALL COMPLY WITH ASTM A615, GRADE 40 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.
5. MASONRY UNITS SHALL COMPLY WITH ASTM C90
6. MORTAR SHALL BE TYPE M OR S.

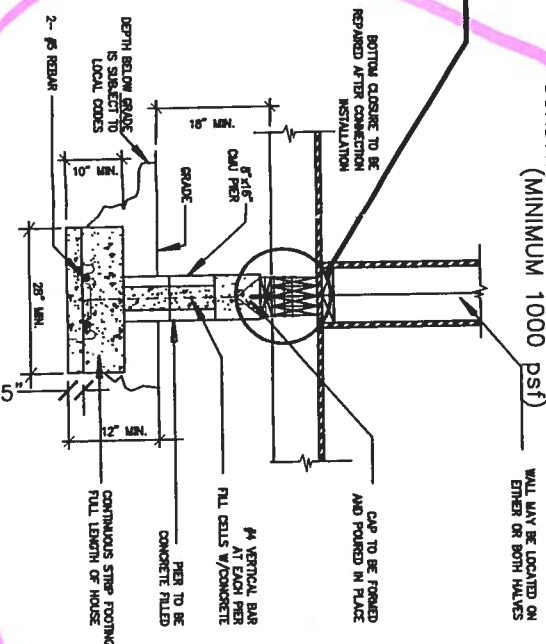
FOUNDATION NOTE:  
THE FOLLOWING PRINTS ARE TO BE USED ONLY WHEN STEEL FRAME IS REMOVED FROM HOME.

CROSS SECTION PAGE 7  
DETAIL PAGE 8  
FOUNDATION (SEE HOUSE PACKAGE PAGE 10)

STANDARD  
MINIMUM SOIL BEARING  
CAPACITY 2000 PSF.



SECTION A-A  
ALTERNATE FOOTING FOR SOIL  
CONDITIONS LESS THAN 2000 PSF  
(MINIMUM 1000 PSF)



THIRD PARTY

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HOMES OF MERIT, INC.  
P.O. BOX 2097  
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LAKE CITY, FLORIDA 32056

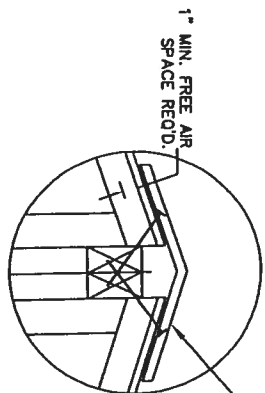
Date: 5-5-04	Revisions	Cad#: FL-TYP6
Dr'n CP		
Scale: N.T.S.		
Code: D (04)		
FLORIDA	Model: DCA TYPICAL PACKAGE	Print: PAGE 6 OFF-FRAME

APPROVED JAN 24 2006

GENERAL CROSS SECTION NOTES

1. ALL LAG SCREWS AND BOLTS MUST COMPLY WITH ASTM A307, ANSI/ASME B 18.2.1
2. SEE 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.

DETAIL B



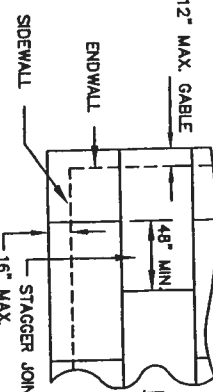
INSTALL TRAILING RIDGE VENTS ALONG CENTER LINE OF RIDGE (PER MANUFACTURER'S INSTRUCTIONS) OR EQUIVALENT.

SITE INSTALL MIN. 3/8" x 6" LAG SCREWS STAGGERED FROM SIDE TO SIDE AT 24" O.C. MAXIMUM. LAG SCREWS MUST PENETRATE 1" 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 THREE TRUSSES AT EACH ENDWALL SHALL BE DOUBLED OR SHALL BE DESIGNED FOR END ZONE CONDITIONS

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



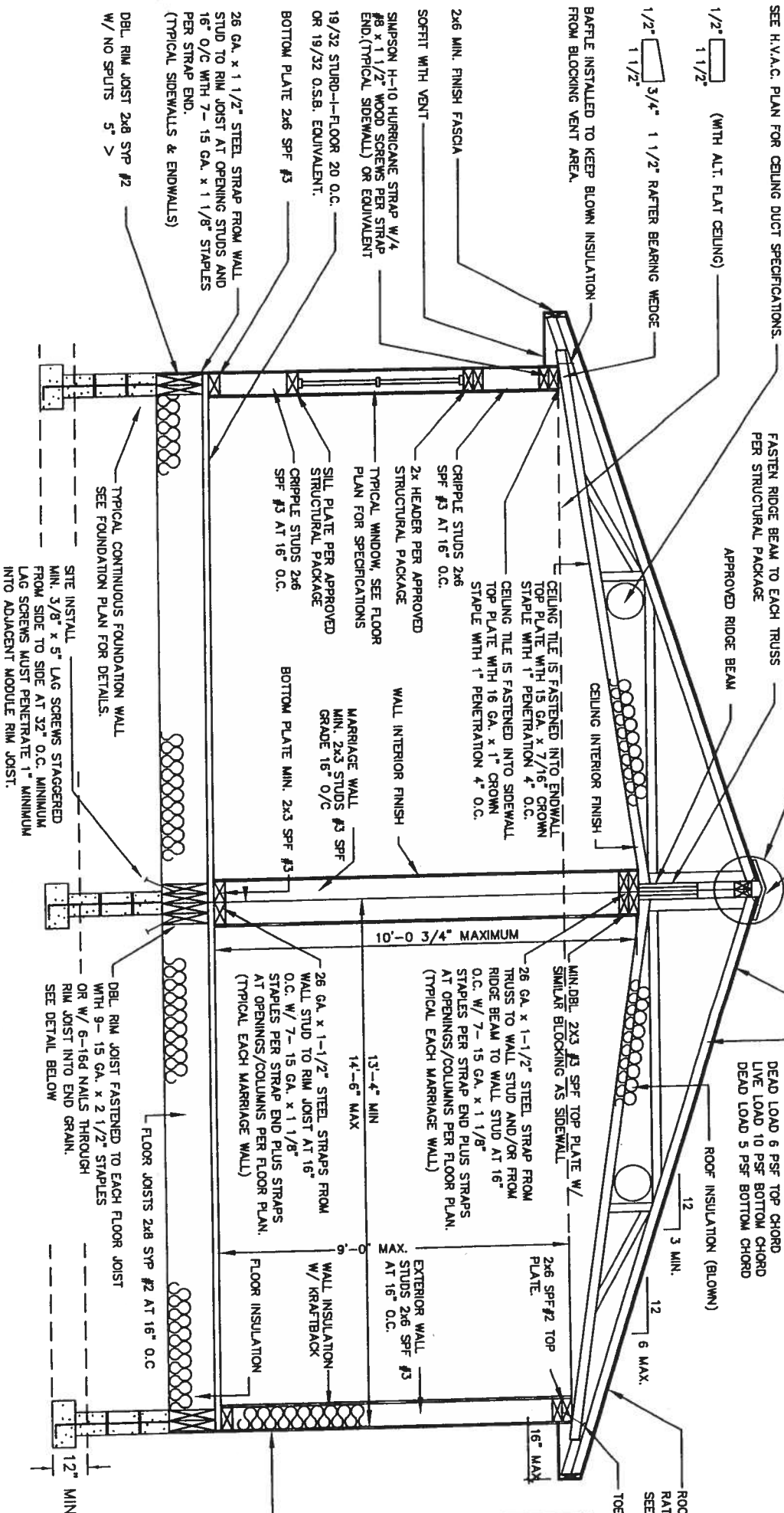
ROOF SHEATHING DETAIL

7/16" ORIENTED STRAND BOARD (OSB), RATED SHEATHING EXP. 1-24/16 TO BE FASTENED TO TRUSSES WITH 15 GA. 7/16" CROWN STAPLE X 1 1/2" LEG OR EQUIVALENT AT 4" O.C. ON EDGES AND 8" O.C. IN FIELD.

THIRD PARTY

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EXTERIOR WALL STRUCTURAL BRACING SIDEWALLS: BRACING INSTALLATION: STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUSLY FROM TOP TO BOTTOM PLATE WITH ALL SHEATHING EDGES EXTENDING 3/4" MINIMUM BELOW TOP OF RIM JOIST.

ENDWALLS: BRACING INSTALLATION: STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUS FROM TOP OF TRUSS TOP CHORD TO 3/4" MINIMUM BELOW TOP OF RIM JOIST WITH ALL SHEATHING EDGES SUPPORTED BY 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS EXTERIOR WALL FRAMING.

BRACING MATERIAL: 3/8" APA RATED SHEATHING EXP. 1, EXP. 2, EXT., OR 3/8" APA RATED SIDING EXT. OR 7/16 OSB, 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

NOTE: ANY REFERENCE 2x8 SYP #2 FLOOR JOIST MAY BE REPLACED WITH 2x10 SPF #2.

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

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

EXTERIOR FINISH MATERIAL

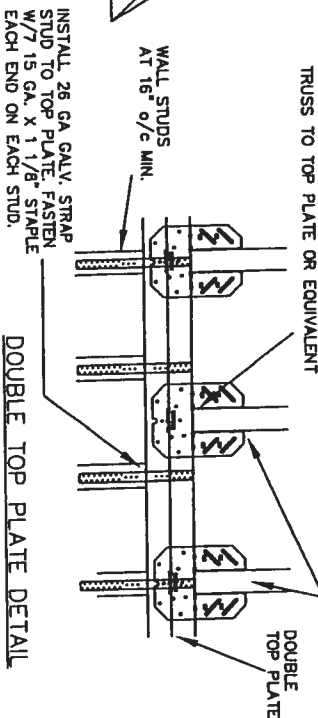
ROOF - CERTAINTED FIRESCREEN +2000 SHINGLES ASTM D3462, U/L 790, 997 ACCEPTED, MAINT DAGE ACCEPTED, (NO. 940516.15), TYPE 1, CLASS A, (OR EQUIVALENT) INSTALLED PER MANUFACTURER'S SPECS. SHINGLES SHALL BE INSTALLED OVER 15# FELT, 2 LAYERS FOR PITCHES UP TO 4/12 AND 1 LAYER FOR 4/12 AND STEEPER.

WALL - 5/8" 1-11 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

2x8 JOIST (MIN.)

FASTEN INNER 2x8 RIM TO JOIST W/3-16d NAILS OR 5-15ga. x 2 1/2" STAPLES. OPTION: FASTEN INNER 2x10 RIM TO JOIST W/6-16d NAILS OR 8-15ga. x 2 1/2" STAPLES.

OPTION: OUTER 2x10 RIM FASTENED TO INTER RIM W/16d NAILS 10" o/c STAGGERED TOP AND BOTTOM OR 15ga. x 2 1/2" STAPLES @ 7" o/c TOP AND BOTTOM.

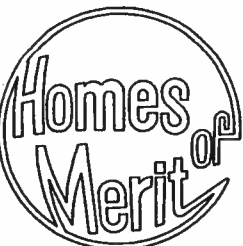


DOUBLE TOP PLATE DETAIL



HOMES OF MERIT

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HWY 100 EAST  
LAKE CITY, FLORIDA 32056



Date: 10-14-05	Revisions	Cad#: FL-TYP7
Dr'n STAFF		
Scale: N.T.S.		
Code: D (06)		
FLORIDA	Model: DCA TYPICAL PACKAGE	Print: CROSS SECTION OFF STEEL FRAME



THE FOUNDATION DESIGN IS IN ACCORDANCE WITH 2001 FBC WITH W/2005 SUPPLEMENT CHAPTERS 16, 18, 19, & 21 AND IS BASED ON 130 MPH WIND.

★ OR EQUIVALENT

Diagram illustrating the corner detail of a wall assembly. The assembly consists of exterior wall sheathing, foam sill sealers, and Simpson's Connectors. The connectors are installed at the corner, with a maximum spacing of 1'-4" O.C. The remaining walls have a maximum spacing of 2'-8" O.C.

Labels in the diagram include:

- EXTERIOR WALL SHEATHING
- AMFOAM SILL SEALER OR EQUAL
- SIMPSON'S CONNECTOR OR EQUAL, FOR 6" OF WALL FROM EACH CORNER MAX. SPACING S = 1'-4" O.C.
- REMAINING WALLS: S = 2'-8" O.C.

#10x4" WOOD SCREW  
FROM RIM RAIL INTO  
MUD SILL @ 16" O.C.

2" MIN

4

1- #4 REBAR CONTINUOUS  
IN UNTEL

**EXTERIOR FINISH**

EXTERIOR SIDEWALL  
OF MODULE

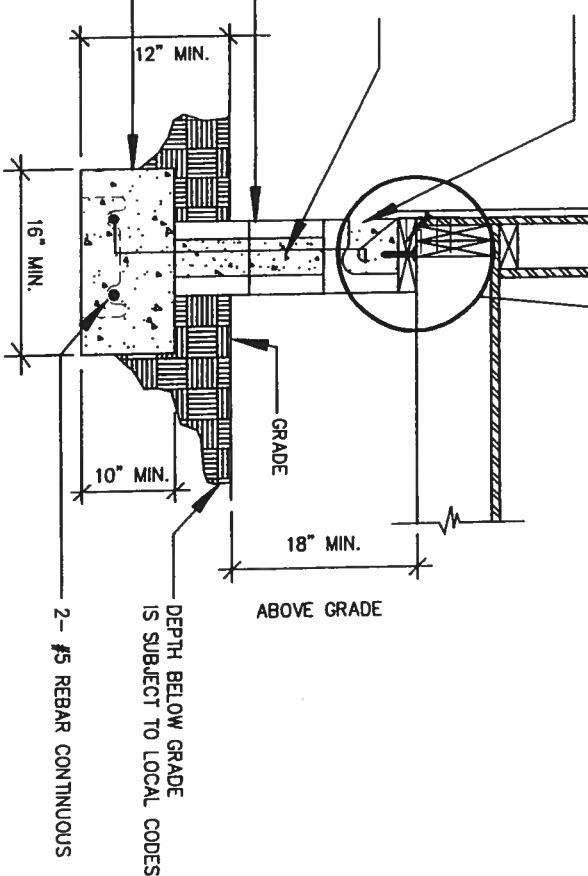
EXTERIOR FINISH EXTENDING  
OVER FOUNDATION  
WALL

KNOCK OUT SIDE OF BLOCK  
AT EACH CONNECTOR  
LOCATION AND CAP WHEN  
UNTEL IS POURED SO  
CONNECTOR PASSES THRU  
TO OUTSIDE OF BLDG. LINE

#4 VERTICAL BAR 4'-0" O.C.  
AND AT EACH CORNER  
FILL CELLS W/CONCRETE

8x16 CMU CONTINUOUS  
FOUNDATION WALL

CONTINUOUS CONCRETE  
FOOTING (2500 PSI  
CONCRETE MINIMUM)



2 1/2" EXTERIOR WALL SHEATHING  
AMOFAM SILL SEALER

FASTEN CONNECTOR TO RIM JOIST USING (4) 10d NAILS OR (4) #8x2 1/2" WOOD SCREWS.

#10x4" WOOD SCREW—  
FROM RIM RAIL INTO  
MUD SILL @ 12" O/C.  
ALONG SIDEWALLS AND  
8" O/C. ALONG ENDWALLS

8" O/C. ALONG ENDWALLS

EXTERIOR FINISH

## EXTERIOR FINISH

1/2" J-BOLT W/7" MIN EMBEDMENT  
FROM EACH CORNER MAX. SPACING S = 1'-0"  
REMAINING SIDEWALLS: S = 4'-0" O.C.  
REMAINING ENDWALLS: S = 2'-0" O.C.

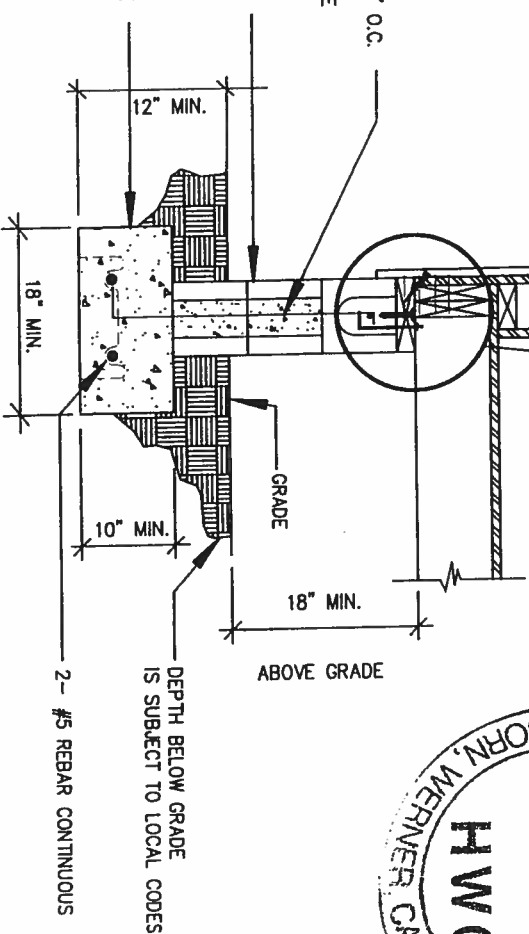
EXTERIOR SIDEWALL  
OF MODULE

## EXTERIOR FINISH EXTENDING OVER FOUNDATION WALL

#4 VERTICAL BAR 4'-0" O.C.  
AND AT EACH CORNER  
FILL CELLS W/CONCRETE

8x16 CMU CONTINUOUS  
FOUNDATION WALL

CONTINUOUS CONCRETE  
FOOTING (2500 PSI  
CONCRETE MINIMUM)



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Cad#: FL-TYP8

## Revisions

Date: 5-5-04

Dr'n CP

Scale: N.T.S.

D (04)

**DCA:**

DCA TYPICAL  
PACKAGE

**Print:**

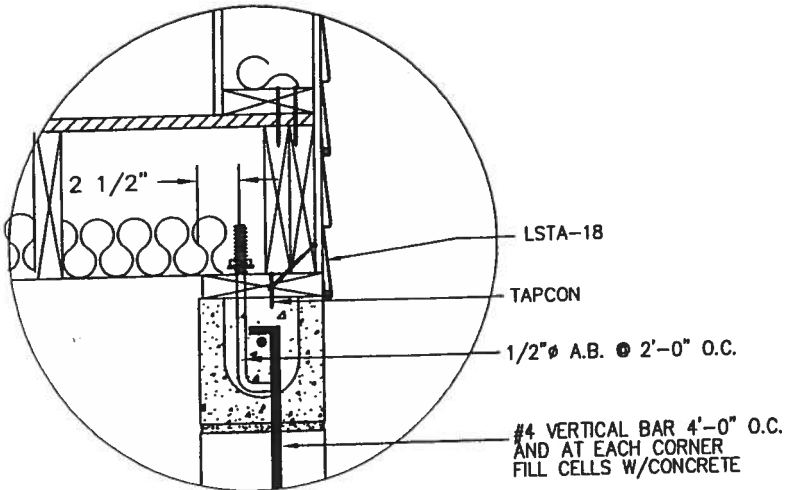
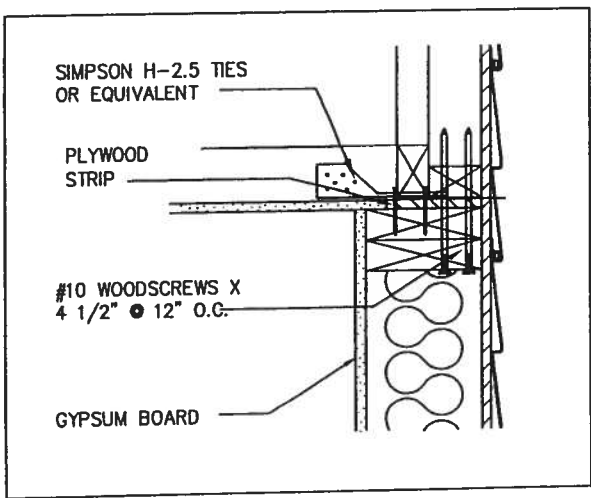
PAGE 8

## FOUNDATION DETAILS

HOMES OF MERIT, INC.  
P.O. BOX 2097  
HWY 100 EAST  
LAKE CITY, FLORIDA 32056

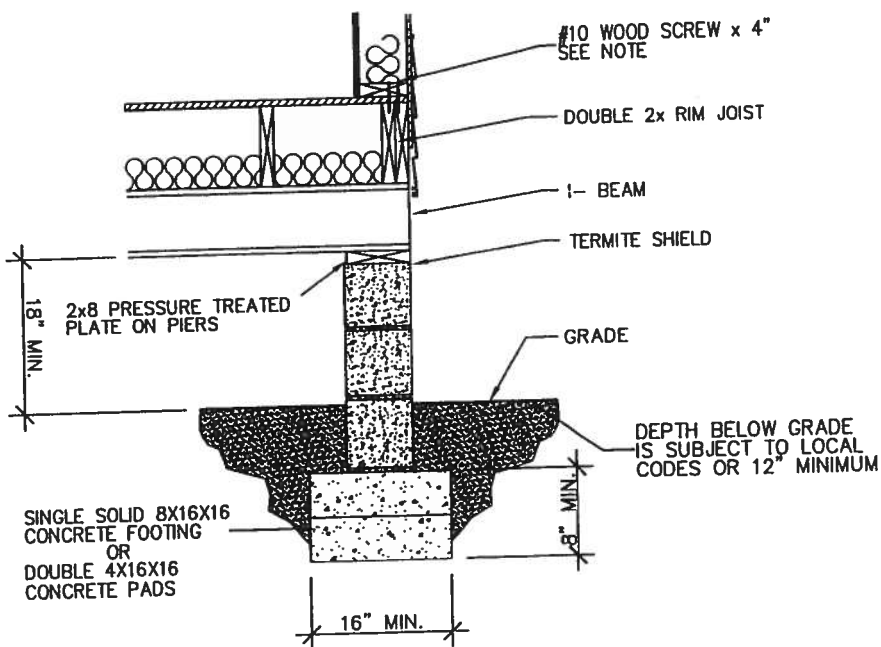


PAGE 8  
E 5.7

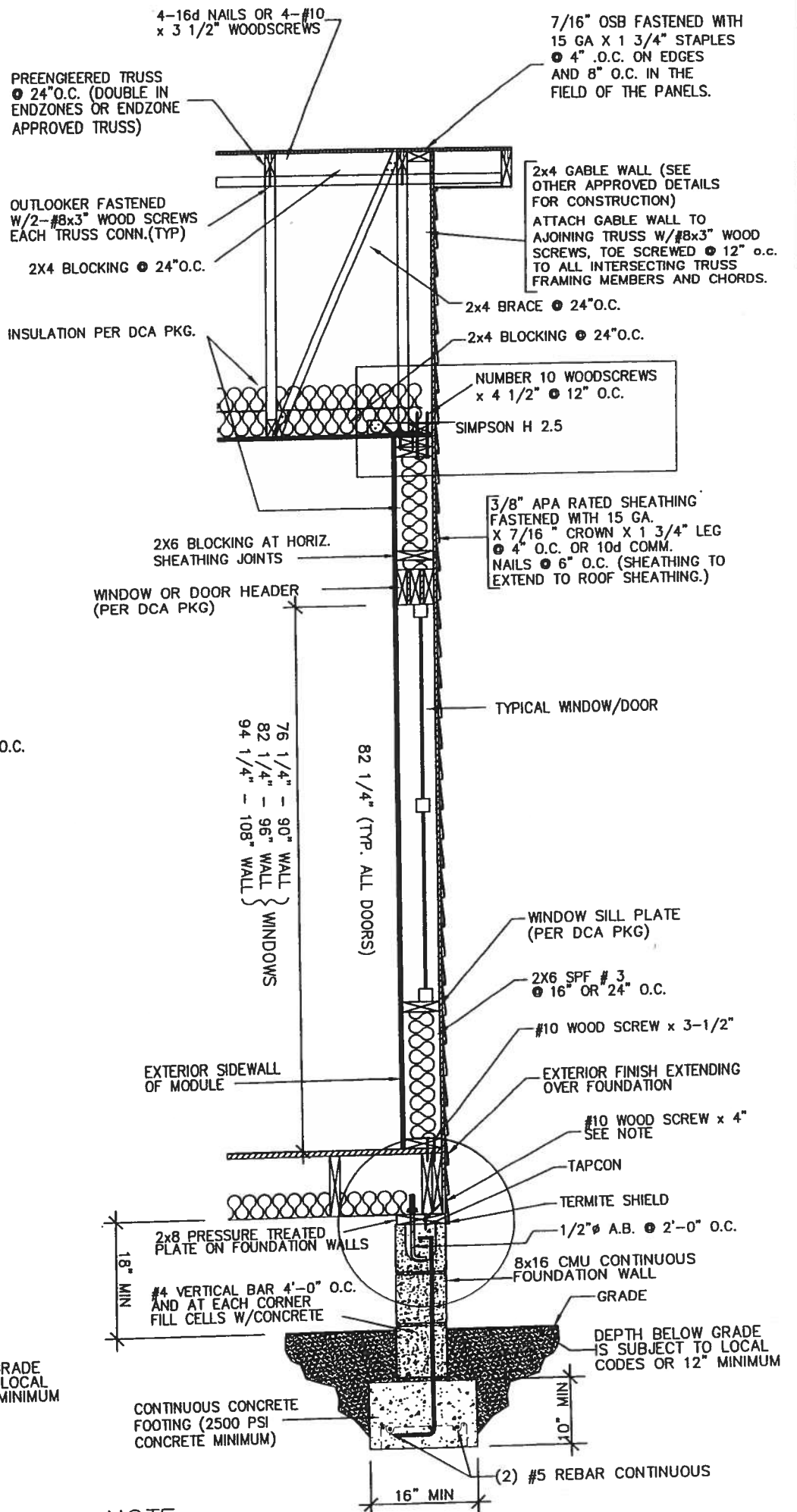


NOTE:  
J-BOLT WITH LSTA MAY BE REPLACED WITH MUDSILL ANCHORS. SEE FOUNDATION PAGE FOR DETAILS ON OPTION #1 OR OPTION #2.

**ENDWALL SECTION DETAILS**

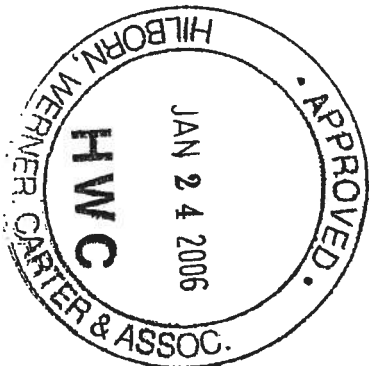


**ENDWALL SECTION W/FRAME**



NOTE:  
#10 WOOD SCREW x 4" (MIN. 1" PENETRATION INTO SILL PLATE) SPACED 6" O.C. ALONG PERIMETER OF HOME. TOE SCREW FROM FLOOR RIM RAIL TO SILL PLATE.

**ENDWALL SECTION W/O FRAME**



**THIRD PARTY**

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Date: 5-5-04	Revisions	Cad#: FL-TYP9
Dr'n ROB	10-17-05 FP	
Scale: N.T.S.		
Code: D (06)		
FLORIDA	Model: DCA TYPICAL PACKAGE	Print: PAGE 9 ENDWALL SECTION DETAILS

APPROVED JAN 24 2006



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

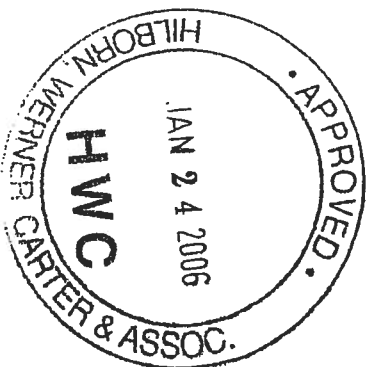
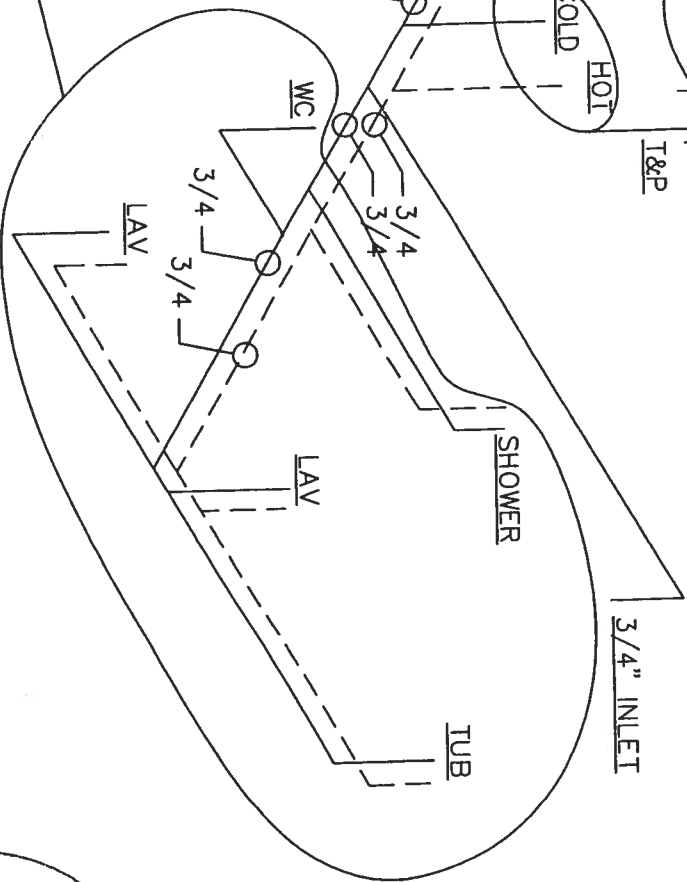
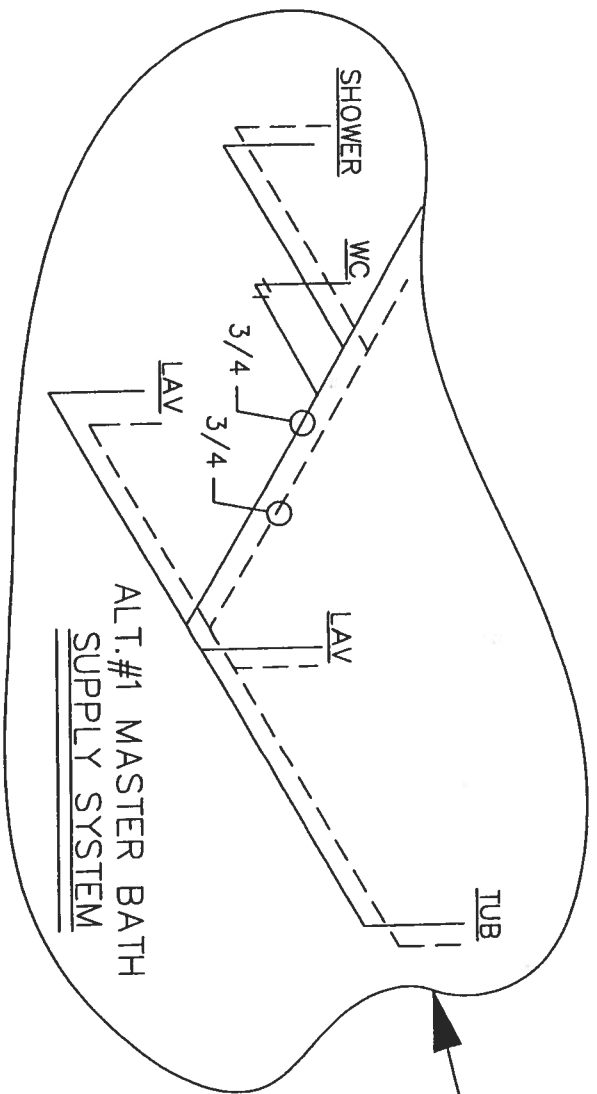
HOT WATER SUPPLY IS ON LEFT SIDE OF FIXTURE

SUPPLY LINE SIZING IS BASED ON AN ASSUMED AVAILABLE PRESSURE OF 46 TO 60 PSI AT MAIN INLET, AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.

ALL SUPPLY LINE SHALL BE 3/4". ALL STUB-UPS SHALL BE 1/2" UNLESS OTHERWISE SPECIFIED.

HOT  
COLD

### SUPPLY SYSTEM



### THIRD PARTY

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LAKE CITY, FLORIDA 32056



Date: 5-5-04	Revisions	Cad#: FL-TYP10
Dr'n CP		
Scale: 3/16"=1'		
Code: D (06)		
FLORIDA	DCA: DCA TYPICAL PACKAGE	Print: PAGE 10 TYP SUPPLY POTABLE WATER