

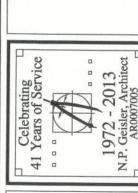
## Custom Residential Plan for:

# Dawn and Aron Tash

Columbia County, Florida

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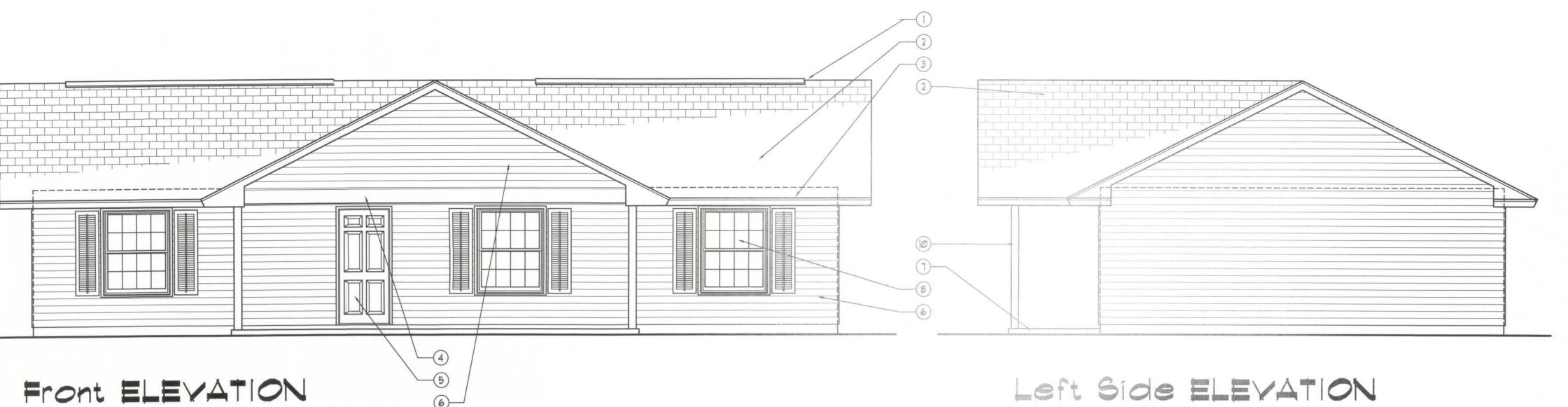
ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION IN FLORIDA BUILDING CODE, 2010 EDITION.					
BASIC WIND SPEED:	120 MPH				
WIND IMPORTANCE FACTOR (1):	l = 1.00				
BUILDING RISK CATAGORY:	CATAGORY II				
WIND EXPOSURE:	"B"				
INTERNAL PRESSURE COEFFICIENT:	+/- Ø.18				
MWFRS PER TABLE 1609.2A (FBC 2010) DESIGN WIND PRESSURES:	ROOF: - 27.4 PSF WALLS: + 22.8 PSF EAVES: + 38.4 PSF				
COMPONENTS & CLADING PER TABLES 1609.2B & 1609.2C (FBC 2010) DESIGN WIND PRESSURES:	OP'NGS: + 25.9 / - 34.7 PSF EAVES: - 81.2 PSF ROOF: + 23.7 / - 30.3 PSF				



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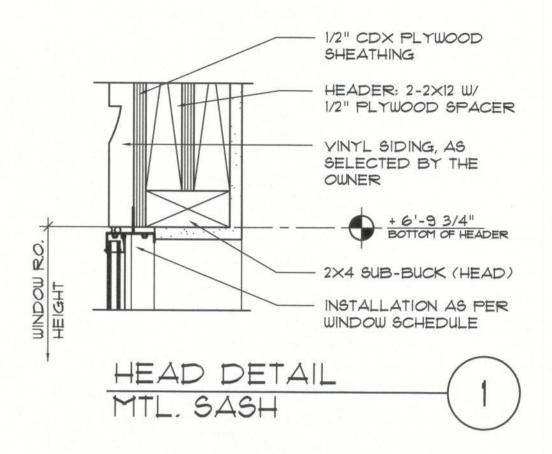


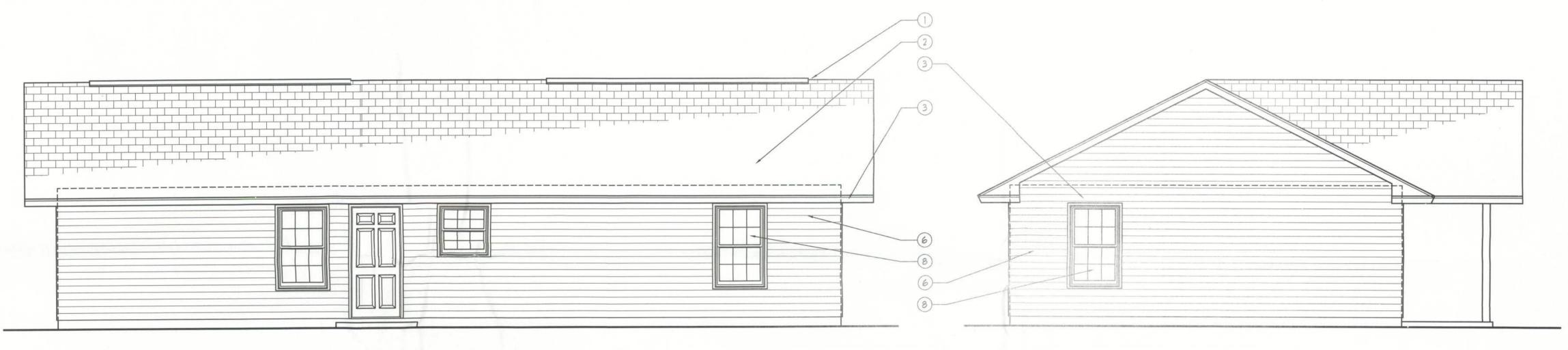




Left Side ELEVATION

SCALE: 1/4" = 1'-0"





UNIT, W/ FACTORY FINISH 2X4 SUB-BUCK (JAMB) WINDOW R.O.

ALUMINUM FIN TYPE DBL GLAZED METAL WINDOW

> JAMB DETAILS MTL. SASH

## Rear ELEVATION

SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

SERIES ENTERGY 6-8 W/E INSWING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

ROOF SHINGLES SHALL BE AS MANUFACTURED BY "TAMIKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:

GLASS-SEAL AR ELITE GLASS-SEAL AR HERITAGE 30 AR HERITAGE 40 AR HERITAGE 50 AR

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE I MODIFIED TO 120 MPH WINDS & FBC TAS 100, USING 4 NAILS/SHINGLE

WINDOW ASSEMBLIES SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCTS:

"MI HOME PRODUCTS, INC." SERIES 450/650 ALUMINUM WINDOWS, SINGLE HUNG, 1, 2 \$ 3 MULLED UNITS, PICTURE WINDOWS & SLIDING GLASS DOORS PER ASTM E 283, ASTM E 330 & ASTM E 547

#### EXTERIOR FINISH MATERIALS:

- ONT. RIDGE VENT TO MATCH ROOFING
- 2 FINISH ROOFING AS SELECTED BY OWNER
- 3 MTL. FLASHING ON IX6 CYPRESS FASCIA
- 4 PORCH BEAM SEE PLANS FOR SIZE
- 5 STEEL ENTRY DOOR, STYLE AS SELECTED BY THE OWNER - PAINTED FINISH
- 6 VINTL SIDING AS SELECTED BY THE OWNER
- 1 CONCRETE PORCH DECK, W/ WOOD FLOAT FINISH & TOOLED EDGES
- 8 SINGLE HUNG ALUMINUM WINDOWS W/ DBL. GLAZING, AS SELECTED BY OWNER
- 9 N/A
- P/T WOOD PORCH POSTS, PRIMED & PAINTED

#### WINDOW SCHEDULE MARK DESCRIPTION INSTALLATION MODEL NOTES SINGLE HUNG ALUM. SASH W/ INSUL. GLASS 1" ROOFING NAILS - 3 PER FLANGE, MAX. 18" O.C. SERIES 650 SINGLE HUNG ALUM. SASH W/ INSUL. GLASS 1" ROOFING NAILS - 3 PER FLANGE, MAX. 18" O.C. SERIES 650 SINGLE HUNG ALUM SASH W/ INSUL. GLASS 1" ROOFING NAILS - 4 PER FLANGE, MAX. 18" O.C. SERIES 650

Right Side ELEVATION

ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY "MI HOME PRODUCTS, INC."
- OTHER MANUFACTURERS/PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WIND DESIGN PERFORMANCE MEETS OR EXCEEDS THESE UNITS NOTE, VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.

SCALE: 1/4" = 1'-0"

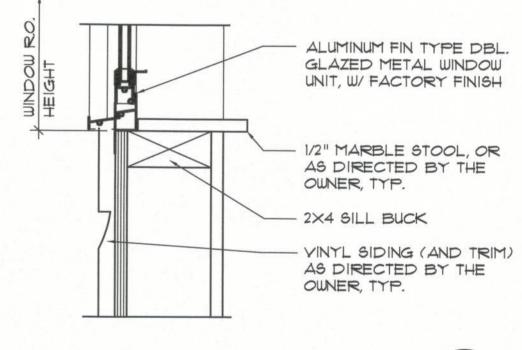
EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

SERIES ENTERGY 6-8 W/E INSWING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

WINDOW ASSEMBLIES SHALL MEET OR EXCEED THE WIND

RESISTANCE OF THE FOLLOWING PRODUCTS:

"MI HOME PRODUCTS, INC." SERIES 450/650 ALUMINUM WINDOWS, SINGLE HUNG, 1, 2 & 3 MULLED UNITS, PICTURE WINDOWS & SLIDING GLASS DOORS PER ASTM E 283, ASTM E 330 & ASTM E 547



SILL DETAIL MTL. SASH

Typ. Window DET'S SCALE: 3" = 1'-0"

3

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SHEET:

OF 8

## Dimension PLAN

SCALE: 1/4" = 1'-0"

CABINETS, COUNTERS, SHELVES AND THE LIKE, SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED "GENERAL MILLWORK NOTES", AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL LOCATION AND EXTENT OF THE WORK - UNLESS DETAILED CABINET PLANS ARE INCLUDED WITH THIS PLANS PACKAGE ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF

#### AREA CALCULATION

BACKING TO BE 1'-0" AFF.

1152.0 SF GROSS LIVING AREA: COVERED PORCH AREA: 120.0 SF 1272.0 SF TOTAL AREA:

NOTE! ALL INTERIOR PARTITION WALLS ARE 3 1/2" THICK, UNLESS NOTED OTHERWISE.

NOTE! ALL EXTERIOR WALLS ARE 2X4 STUDS W/ 1/2" THICK CDX PLYWD. SHEATHING (4")

#### ELECTRICAL PLAN NOTES

INSTALLATION SHALL BE PER 2008 NAT'L. ELECTRIC CODE. WIRE ALL APPLIANCES, HYAC UNITS AND OTHER EQUIPMENT PER MANUF, SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

PROVIDE & INSTALL CARBON MONOXIDE DETECTORS IN ALL BEDROOMS, @ 12" ABY. FIN. FL., INTERLOCKED TOGETHER.

TELEPHONE, TELEVISION AND OTHER LOW YOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ALL RECEPTICALS, NOT OTHERWISE DESIGNATED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS.

ALL RECEPTICALS IN KITCHEN AND BATHS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI).

ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF GROUND FAULT INTERRUPTER TYPE (WP/GFI).

ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT. # ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE I COPY OF AS-BUILT DWGS TO OWNER & I COPY TO THE PERMIT ISSUING AUTHORITY.

SPST WALL SWITCH

P DUPLEX WALL RECEPTACLE

DUPLEX WALL RECPT, BELOW COUNTER

P 240Y OUTLET

WEATHER PROOF OF DUPLEX RECEPT.

6 MOTOR ELECTRICAL PANEL

ØER EXHAUST FAN OBL LAMP INC. FLOOD LIGHT

MOMENTARY PUSHBUTTON SWITCH, LIGHTED SWITCH/FIXTURE WIRING

CONTROL WIRE - LOW VOLTAGE

V TELEPHONE

1 HVAC THERMOSTAT, 9 60" AFF

### Electrical SYMBOLS

\$3 DPIDT WALL SWITCH (3-WAY)

OF GND FAULT INTERRUPTER DUPLEX RECEPT.

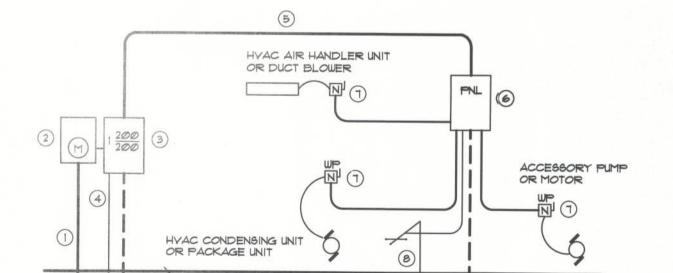
DUPLEX WALL RECEPTACLE, 1/2 SWITCHED

CEILING FAN, W/ INC. LIGHT FIXTURE O INC. LIGHT FIXTURE MOKE DETECTOR, 120V

4 TUBE FLU. PRISMATIC WRAP SURFACE FIXTURE CHIME

NON-FUSED DISC. SWITCH

TELEVISION OUTLET



5 ALTERNATE LOCATION

1) Service/Feeder Entrance Conductors: 2½" rigid conduit, min. 18" deep, w/ continuous Ground Bonding Conductor, Service/Entrance Conductors shall not be spliced except that bolted connections at the Meter, Disconnecting Devices and Panel

(2) Meter Enclosure, weatherproof, U.L. Listed.

FINISH GRADE

BEDROOM Nr. 11'8" × 8'8"

Floor PLAN

SCALE: 1/4" = 1'-0"

3 Main Disconnect Switch: fused or Main BRKR, weatherproof,

4) Service entrance Ground: 5%" \$ iron/steel rod x 8'-0" long and/or concrete encased foundation steel rebar x 20'-0" long. Grounding Conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per Item 5, below.

5 200 AMPERE SERVICE: 3-2/0-USE-Cu, 1-4-Cu-GND, 2" Conduit.

6 House Panel (PNL), U.L. Lised, sized per schedule.

SCALE: NONE

Equipment Disconnect Switch: non-fused, in weatherproof enclosure, size according to Panel Schedule loads.

8 Provide Ground Bond Wire to metal piping, size in accordance with the Service Ground Conductor.

THE MINIMUM AIC RATING FOR PANEL BOARDS, BRKRS AND DISCONNECT SWITCHES SHALL BE 22,000 AIC. ELECTRICAL RISER DIAGRAM: 200A

### ELECTRICAL COMPUTATIONS

MASTER BEDROOM

4050

General Lighting/Receptacles @ 3w/sf 1153.0 sf x 3w = 3456.0W Washer Circuit 1500.0w Dishwasher Circuit 1500.0w

48'-0"

GREAT ROOM

COVERED PORCH

DINING AREA

Sm. Appliance Circuits (3 @ 1500w) 4500.0w Sub-Total 10956.0W 1st 3KW @ 100% 3000.0w Bal. of KW @ 35% 2784.6W Fixed Appliances:

Refrigerator 1200.0W Clg. Fans (4 @ 250w) 1000.0W Water Well Pump 1200.0w 4500.0W Spares (8 @ 400w) 3200.0W

Sub-Total 11100.0w Load a 75% D.F. 8325.0W 100% Demand Factor Loads:

5000.0W 8000.0w HVAC System (8.0km Strip Heat) 8000.0W Total Demand Load: 351096W

SERVICE SIZE: 35109.6w / 240v = 146.29 Amperes USE: 3 \*2/0 THW w/ 1 \*4 Cu GND / 21/2" C.

#### PANEL SCHEDULE

Dryer

PANEL "L": 200A - MLO - 120/240V - 10 - 4 WIRE 40 SLOT - FLUSH MOUNT

Cir. Nr.	Location	Trip Poles	Wire Size	Load
1-8	Lighting/Recept.	15A/IP	14NM	3456W
9	Dishwasher	п	н	1500W
10-12	Sm. Kit. Appliances	20A/IP	12NM	4500W
13-14	Ceiling Fans	15A/IP	14NM	1200W
15,17	EWH	30A/2P	IONM	3000W
16	Refrigerator	15A/IP	14NM	1200W
18	Spare	-	-	400W
19,21	Range	50A/2P	6NM	8000W
20,22	Water Well	20A/2P	12NM	1200W
23,25	Dryer	30A/2P	IONM	5000W
24,26	HVAC CU	40A/2P	MMS	(3600W)
27,29	HYAC AHU	45A/2P	MAS	8000W
30-36	Spare	-	-	2800W
37-40	Space	-	-	ØW

TOTAL CONNECTED LOAD:

40256W

DRAWN:

DATE: 21 MAY 2013

COMM: 2K1334 SHEET:

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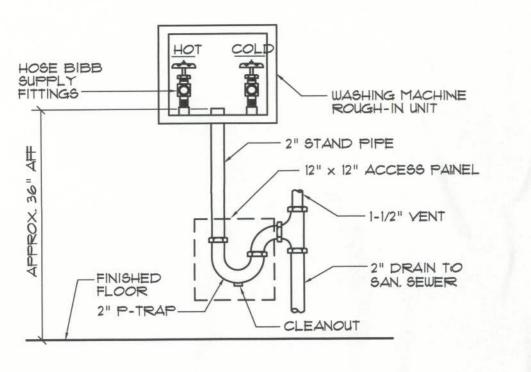


SCALE: NONE

## Closet Rod & Shelf Detail

2" / 3" PLUMBING VENT 6" ABOVE ROOF-SANITARY CROSS OR DOUBLE SANITARY TEE-LAVATORY TRAP ARM TUB TRAP | 1/2" IF NO NOT LONGER THAN 42", 3" SANITARY TEE 2" IF LONGER W/2" INLET--4"X3" CLOSED BEND

N.T.S. - THIS PLUMBING DIAGRAM IS GENERAL IN NATURE, REFER TO THE 'PLUMBING RISER DIAGRAM' FOR INFORMATION.



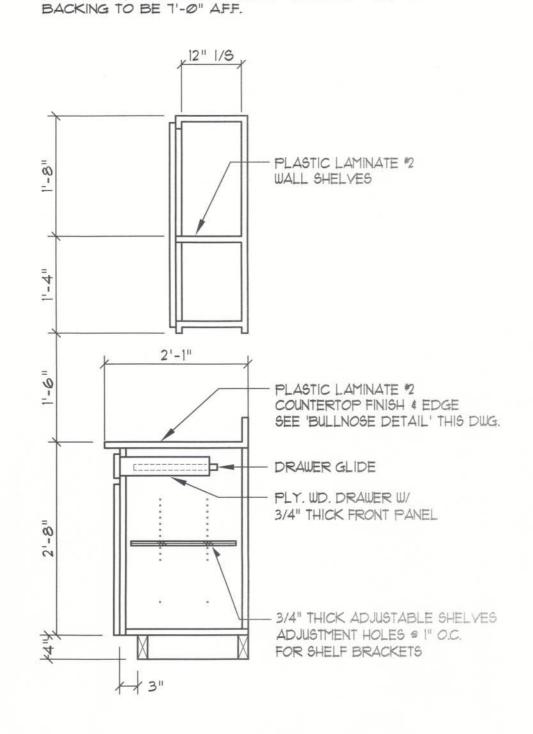
## Washing Machine DET.

- CLEANOUT PLUG BOX FRAME & LID -24" SQUARE CONC. PAD BY GEN. PVC PIPE SLEEVE WYE FITTING-

## Outdoor Cleanout DETAIL

THESE CABINET DET'S ARE GENERAL IN NATURE & PROVIDE A BASIS FOR ACTUAL CABINET CONSTRUCTION.

### PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF



### Base & O/H Cab.

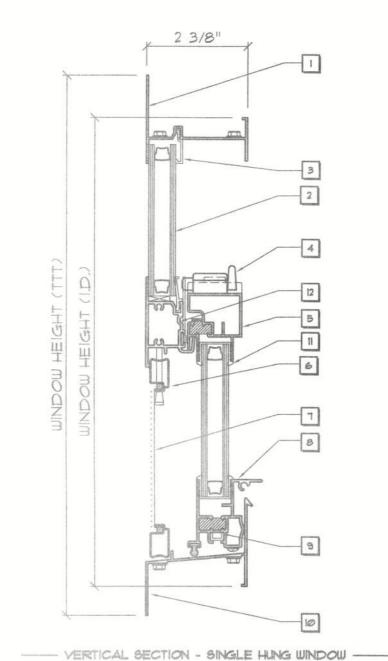
SCALE 3/4" = 1'-0"

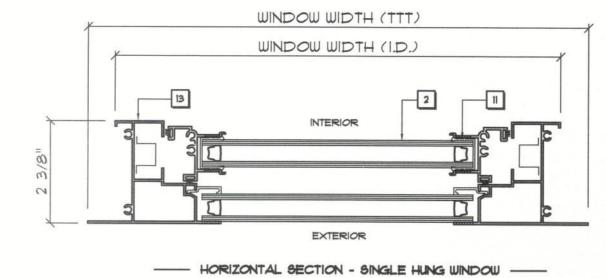
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## Typ. Cabinet DET'S

SCALE 3/4" = 1'-0"







NSTALLATION	MODEL
ROOF'G. NAILS @ 6" FROM CORNERS, 18" O.C.	SERIES 450
- 1" ROOF'G. NAILS EA. FLANGE, MAX. 18" O.C.	SERIES 650

BY "MI HOME PRODUCTS, INC." - OTHER MANUFACTURERS/PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WIND DESIGN PERFORMANCE MEETS OR EXCEEDS THESE UNITS.

NOTE, VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION. NI - COMPLETE WITH FAN LITE AS PER SERIES 450

### NOTE !!!

ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED

N2 - TESTING AS PER ASTM EI300

## Window Sash DETAILS

Door Notes

A STEEL SKIN - 26 GA.

B POLYURETHANE FOAM CORE

COMPRESSION WEATHER STRIP

WOOD HEAD JAMB

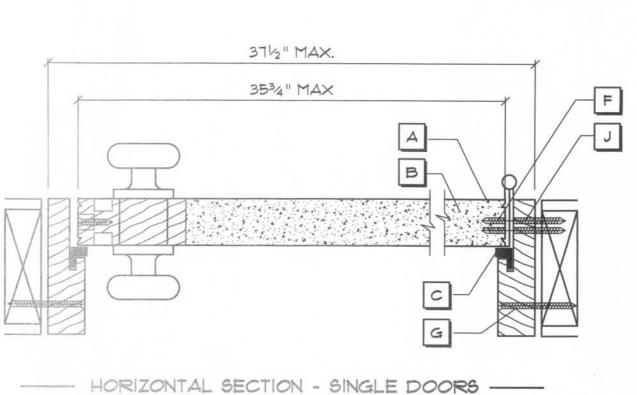
E ALUMINUM BUMPER THRESHOLD

F #10-24 × 1/2" F.H.M.S. (4) SCREWS PER HINGE INTO DOOR

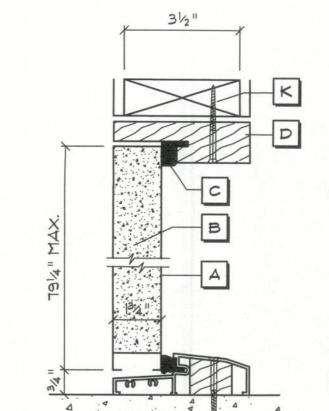
\*10 × 3" F.H.W.S. (5) SCREWS THROUGH HINGE JAMB, 8" DOWN FROM TOP, MAX. 18" O.C. THEREAFTER.

 $\#0 \times 2 \ \text{F.H.W.S} \ (4) \text{ SCREWS THROUGH EACH HINGE INTO DOOR JAMB.}$ 

#10 imes 2" F.H.W.S (2) SCREWS THROUGH HEAD INTO HEADER.



NOTE, VERIFY ROUGH OPENING DOOR REQUIREMENTS PRIOR TO CONSTRUCTION.



\* WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

POSITIVE

NEGATIVE

SERIES ENTERGY 6-8 W/E INSWING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

DESIGN PRESSURE RATINGS

+76.0 PSF

-76.0 PSF

----- VERTICAL SECTION ----

## Exterior Door DETAILS

SCALE : NONE

Window Notes

FLANGED HEAD

INSULATED GLASS

GLAZING BEAD

LOCK

SASH TOP RAIL SCREEN FRAME

FIBERGLASS MESH

BOTTOM SASH RAIL

PIVOT BAR

FLANGED SILL MARINE GLAZING

FIXED MEETING RAIL

FLANGED JAMB

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FASTEN TOP PLATE WITH 2-16d NAILS AT + 8'-0"
TOP OF WALL PLATE 12" O.C., TYPICAL T.O. — DBL. 2X HEADER PER F/A.5 - 9 LOC. TR-1 WOOD TRUSSES AS PER SHOP DRAWINGS @ 24" O.C. CONSTRUCT EXTERIOR WALLS W/ 2 TOP PLATES # 1 SILL PLATE, 2X4 STUDS @ 16" O.C., & "SIMPSON" SP2/SP1 STUD/PLATE CONNECTORS @ 32" O.C. - SHEATH WALL W/ 7/16" OSB, APPLIED W/ 8d COMMON NAILS @ 4" O.C. ALONG EDGES & 8" O.C. ALONG INTERMEDIATE SUPPORTS 20 LF RIDGE VENT 20 LF RIDGE VENT 2X6 NAILER ON FLAT, SECURED W/ 2 16d NAILS @ EACH TRUSS STRAP TRUSSES THRU PLYWOOD TO TR-1 TRUSSES BELOW W/ "SIMPSON" STIS W/ 4-16d NAILS EACH END OF STRAP -2X4 SUB-FASCIA, TYPICAL @ ALL TRUSS EAVES & GABLE ENDS ANCHOR TR-1 TRUSSES W/ "SIMPSON" H2.5a STRAPS, FILL ALL HOLES W/ 100 × 11/2" NAILS TR-1 WOOD TRUSSES AS PER SHOP DRAWINGS @ 24" O.C. ANCHOR BEAM TO END POSTS W/ "SIMPSON" EPC44 2 - 1 3/4" × 11 1/4" 2.0E MICRO=LAM L.Y.L BEAM, EXTEND TOP PLY OF WALL PLATE FULL LENGTH, LAP MIN. 32" TO ADJOINING WALL, ASSEMBLE W/ 16d NAILS @ 12" O.C.,

## Roof Framing PLAN

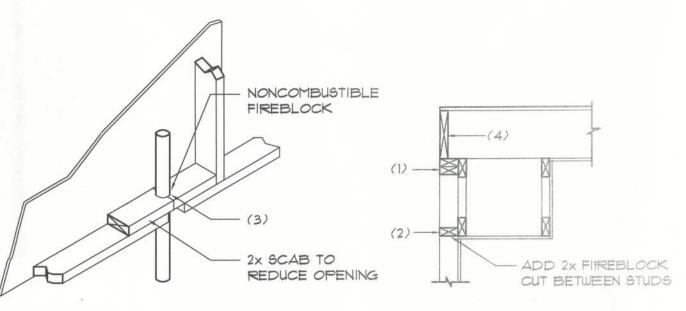
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE

SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/8d NAILS - AS PER DETAIL ON SHEET A.T NOTE!

THE DESIGN WIND SPEED FOR THIS

PROJECT 16 120 MPH PER 2010 FBC 1609

AND LOCAL JURISDICTION REQUIREMENTS



#### FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE

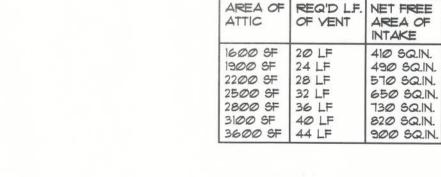
- 1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
- 2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
- 3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPANEL MULTIFLEX SEALANT"
- 4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

### Fire Stopping DETAILS

SCALE: NONE

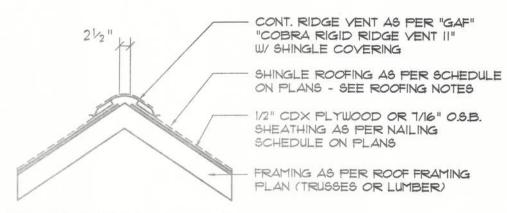


SOFFIT/DROPPED CLG.



STAGGERED TOP & BOTTOM OF BEAM,

EACH SIDE



MIAMI/DADE PRODUCT APPROVAL REPORT: \*98-0113.05

Ridge Vent DETAIL B SCALE: 3/4" = 1'-0"

#### FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF'R/MODEL	CAP.
TRUSS TO WALL: GIRDER TRUSS TO POST/HEADER: HEADER TO KING STUD(S): PLATE TO STUD: STUD TO SILL: PORCH BEAM TO POST: PORCH POST TO FND.: MISC. JOINTS	SEMCO HDPT2, W/6 - 10d NAILS SIMPSON LGT, W/28 - 16d NAILS SIMPSON ST22 SIMPSON SP2 SIMPSON SP1 SIMPSON PC66/EPC66 SIMPSON ABU66 SIMPSON A34	960* 1785* 1370* 1065* 585* 1700* 2300* 315*/240

ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

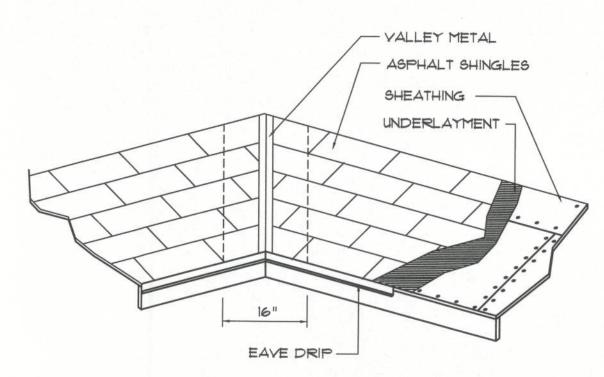
NOTE: "SEMCO" PRODUCT APPROVAL:

MIAMI/DADE COUNTY REPORT #95-0818.15

"SIMPSON" PRODUCT APPROVALS: MIAMI/DADE COUNTY REPORT #97-0107.05, #96-1126.11, #99-0623.04 SBCCI NER-443, NER-393

### WOOD STRUCTURAL NOTES

- 1. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPON-SIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDE-LINES OF THE "TRUSS PLATE INSTITUTE".
- 2. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- 3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN Nr.2 HEM-FIR OR BETTER.
- 4. CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CON-NECTIONS.



### VALLEY FLASHING

MINIMUM THICKNESS REQUIREMENTS						
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGH			
COPPER			16			
ALUMINUM	0.024					
STAINLESS STEEL		28				
GALVANIZED STEEL	er1@.@	26 (ZINC COATED G90)				
ZINC ALLOY LEAD PAINTED TERNE	Ø.Ø27		4Ø 2Ø			

Roofing/Flashing DETS.

SCALE: NONE



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REVISION:

DATE: 21 MAY 2013 COMM:

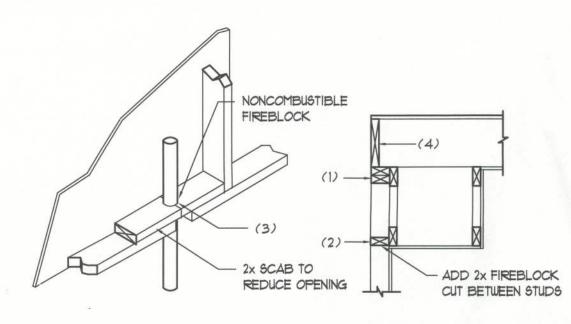
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SHEET:

of 8







SOFFIT/DROPPED CLG.

### FIREBLOCKING NOTES:

PENETRATIONS

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

- 1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
- 2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
- 3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPANEL MULTIFLEX SEALANT"
- 4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

## Fire Stopping DETAILS

SCALE: NONE

#### GENERAL NOTES:

- THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
- THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WAR-RANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORK-MANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
- AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURE-POSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER
- 4. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE YAR-IOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.
- 5. THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING THE THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
- 6. ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
- 7. ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK
- 8. ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABLES LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
- 9. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- 10. INTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COM-PLIANCE WITH "UL Design U333", BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.
- INTERIOR STUD WALLS SEPARATING LIVING AREA FROM GAR-AGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING R-11 BATT INSULATION.
- 12. CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECODE "C" GUB ON IX3 WOOD FURRING AT 16" O.C., ATTACHED W/ 1 1/4" BUGLEHEAD SCREWS @ 6" O.C. ALONG EACH POINT OF BEARING.

#### PROJECT INFORMATION / NOTES:

DESIGN VALUES/LOADS & CODES WIND DESIGN SPEED: 110 MPH, UNLESS NOTED OTHERWISE

#### SOIL DESIGN STATEMENT:

FOOTING DESIGN IS BASED UPON 1000PSF SOIL BEARING PRESSURE PRO-VIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDITIONS Ie: CLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOILS SHALL REQUIRE FOUNDATION MODIFACATIONS.

LIVE LOADS: 1st FLOOR: 40PSF, 2nd FLOOR: 40PSF, ROOF: AS DETERMINED BY SHAPE FACTORS APPLIED TO THE WIND FORCE GENERATED BY THE DESIGN WIND SPEED.

#### BUILDING CODE: 2007 FLORIDA BUILDING CODE

ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - LATEST LIFE SAFETY: NFPA-101 - LATEST

### CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DIS-CREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRACATION OF ANY MATERIALS.

#### DO NOT SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

#### CHANGES TO FINAL PLAN SETS

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

### STANDARD ABBREVIATIONS

0	AT	GALV.	GALVANIZED
	NUMBER or POUND(6)	HORZ	HORIZONTAL
	EQUAL6	INS.	INSULATION
ф	DIAMETER	INT.	INTERIOR
W/	WITH	LAV.	LAVATORY
W/O	WITHOUT	LVL.	LAMINATED VENEER LUMBER
¢	CENTERLINE	MAX.	MAXIMUM
4	AND	MIN.	MINIMUM
+/- or ±	PLUS OR MINUS	MISC.	MISCELLANEOUS
ľ	ONE FOOT	M.O.	MASONRY OPENING
1"	ONE INCH	No. or Nr.	NUMBER
1/4" or 14"	ONE QUARTER INCH	O.C.	ON CENTER
8d	8 PENNY	O/H	OVERHEAD
BM	BIAM	OHD	OVERHEAD DOOR
B.O.	BY OTHERS	PLYWD.	PLYWOOD
BOT.	BOTTOM	P/T	PRESSURE TREATED
CLG.	CEILING	REINF.	REINFORCING (ED)
co	CLEANOUT	REQ'D	REQUIRED
CONC.	CONCRETE	RM.	ROOM
COTG	CLEANOUT TO GRADE	RO.	ROUGH OPENING
DBL.	DOUBLE	SF	SQUARE FEET
DIM.	DIMENSION	9GD	SLIDING GLASS DOOR
DN	DOWN	SHT.	SHEET
ELEV.	ELEVATION	SRLH	SUWANNEE RIVER LOG HOMES
EXT.	EXTERIOR	TYP.	TYPICAL
F	FRENCH (DOORS)	VERT.	VERTICAL
FDN.	FOUNDATION	WC	WATERCLOSET (TOILET)

TERMITE PROTECTION NOTES

#### SOIL CHEMICAL BARRIER METHOD:

I. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 1042.6

2. CONDENSATE AND ROOF DIOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4 3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY

HEADS SHALL NOT BE INSTALLED WITHIN 1'-O" FROM BUILDING SIDE WALLS. 4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTHI GRADE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8"

THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.16 5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1

6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED NCLUDING SPACES BOXED OR FORMED. FBC 1816.12

1. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUIST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT.

8. MINIMUM 6 MIL VAPOR RETAIRDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RET-ARDER PLACEMENT, RETREATIMENT IS REQUIRED. FBC 1816.1.4

9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.15 10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE: STRUCTURE SIDEWALLS. FBC 1816.16

II. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.16

12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7

13. A CERTIFICATE OF COMPLIAINCE MUST BE ISSUED TO THE BUILDING DEPART-MENT BY \* LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONS-UMER SERVICES". FBC 1816.1.7

14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" (OF THE BUILDING, THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.13

15. NO WOOD, VEGETATION, STUMIPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.14

### FLORIDA BUILDING CODE

#### Compliance Summary

#### TYPE OF CONSTRUCTION

Roof: Gable Construction, Wood Trusses @ 24" O.C.

Walls: 2x4 Wood Studs @ 16" O.C. Floor: 4" Thk Concrete Slab W/ Fibermesh Concrete Additive Foundation: Continuous Monolithic Slab/Footer

#### ROOF DECKING

Material: 1/2" CD Plywood or 7/16" O.S.B. Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing Fasteners: 8d Common Nails per schedule on sheet SD2

#### SHEARWALLS

Material: 1/16" O.S.B. "WindSTORM": 48"  $\times$  97", 109", 121" OR 145" Sheet Size: 48"x97" (109", 121" OR 145") Sheets Placed Vertical Fasteners: 8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior Dragstrut: Double Top Plate (S.Y.P.) W/2 - 16d Nails @ 12" O.C. Wall Studs: 2x4 SPF Studs @ 16" O.C.

#### HURRICANE UPLIFT CONNECTORS

Truss Anchors: Simpson H2.5a @ Ea. Truss End (Typ. U.O.N.) Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top \$ Bot. Anchor Bolts: 1/2" A307 @ 48" O.C. - 1st Bolt 8" from corner Corner Hold-down Device: Simpson HD2a, ea. corner

#### FOOTINGS AND FOUNDATIONS

Footing: 16"X18" Cont. Mono.W/2-#5 Cont. \$ wire chairs # 48" O.C.

4		2	BUILDING (	BUILDING COMPONENTS & CLADDING MEAN BUILDING HEIGHT = 300', EXP ROOF ANGLE TO 27°		
	ZONE	AREA	Vult 110 MPH	Yult 120 MPH	Yult 130 MPH	Yult 140 MPH
	1 1 1	10 20 50	12.0 / -19.9 11.4 / -19.4 10.0 / -18.6	14.9 / -23.7 13.6 / -23.0 11.9 / -22.2	17.5 / -27.8 16.0 / -27.0 13.9 / -26.0	203 / -323 185 / -31.4 16.1 / -302
F 7° TO 27	2 2 2	10 20 50	12.5 / -34.7 11.4 / -31.9 10.0 / -282	14.9 / -41.3 13.6 / -38.0 11.9 / -33.6	17.5 / -48.4 16.0 / -44.6 13.9 / -39.4	2 <i>0.</i> 3 / -56 <i>2</i> 18.5 / -51.7 16.1 / -45.7
ROOF	3 3 3	10 20 50	12.5 / -51.3 11.4 /-47.9 10.0 / -43.5	14.9 / -61.0 13.6 / -57.1 11.9 / -51.8	17.5 / -71.6 16.0 / -67.0 13.9 / -60.8	203 / -83.1 18.5 / -77.7 16.1 / -70.5
MALL	4 4 4	10 20 50	21.8 / -23.6 20.8 / -22.6 19.5 / -21.3	25.9 / -34.7 24.7 / -26.9 23.2 / -25.4	30.4 / -33.0 29.0 / -31.6 27.2 / -29.8	35.3 / -38.2 33.7 / -36.7 31.6 / -34.6
7m	5 5 5	10 20 50	21.8 / -29.1 20.8 / -27.2 19.5 / -24.6	25.9 / -34.7 24.7 / -32.4 23.2 / -29.3	30.4 /-40.7 29.0 / -38.0 27.2 / -34.3	35.3 / -47.2 33.7 / -44.0 31.6 / -39.8

HEIGHT & FOR BUIL	EXPOSURE AD. DING COMPONE	JUSTMENT COEI	FICIENTS NG
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE
5 20 25 30	1.00 1.00 1.00	121 129 135 1.40	1.47 1.55 1.61 1.66

#### STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2010 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.

2. WIND LOAD CRITERIA: RISK CATAGORY: 2

BASED ON ANSI/ASCE 7-10. 2010 FBC 1609-A WIND VELOCITY: Vuilt = 120 MPH

3. ROOF DESIGN LOADS: SUPERIMPOSED DEAD LOADS: ..... 20 PSF SUPERIMPOSED LIVE LOADS: ..... 20 PSF

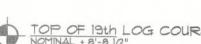
4. FLOOR DESIGN LOADS: SUPERIMPOSED DEAD LOADS: ..... 25 PSF SUPERIMPOSED LIVE LOADS: RESIDENTIAL ..... 40 PSF BALCONIES ..... 60 PSF

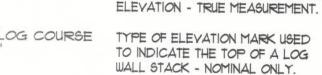
5. WIND NET UPLIFT: ARE AS INDICATED ON PLANS

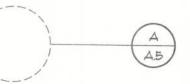
#### SYMBOLS

THESE SYMBOLS ARE MOST OFTEN ENCOUNTERED IN THE FOLLOWING DRAWINGS: ELEVATIONS, DIMENSION PLANS, SECTIONS & STRUCTURAL PLANS



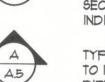












TYPE OF DETAIL MARK USED TO INDICATE A SECTION IE: SECTION "A" ON SHEET "A5", TAIL INDICATES DIRECTION OF VIEW

TYPE OF DETAIL MARK USED TO INDICATE A SECTION OR DETAIL

ASSOCIATED WITH A PLAN VIEW

TYPE OF ELEVATION MARK USED

TO INDICATE A PREFERRED TARGET

TYPE OF SECTION MARK USED TO INDICATE A VIEW TAKEN IN THE DIRECTION OF THE ARROW ie: SECTION "A" FOUND ON "D6a" OF THE PROJECT MANUAL

#### FRAMING ANCHOR SCHEDULE

APPLICATION TRUSS TO WALL: GIRDER TRUSS TO POST/HEADER: HEADER TO KING STUD(S): PLATE TO FOUNDATION: PORCH BEAM TO POST: PORCH POST TO FND.: MISC. JOINTS	MANUF'R/MODEL SIMPSON H2.5a SIMPSON LGT, W/ 28 - 16d NAILS SIMPSON ST22 5/8" + THRU-BOLT SIMPSON PC44/EPC44 SIMPSON ABU44	CAP. 535* 1785* 1370* 3340* 1700* 2200*
MISC. JOINTS	SIMPSON A34	315#/240#

ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

"SEMCO" PRODUCT APPROVAL: MIAMI/DADE COUNTY REPORT \*95-0818.15

"SIMPSON" PRODUCT APPROVALS: MIAMI/DADE COUNTY REPORT #97-0107.05, #96-1126.11, #99-0623.04 SBCCI NER-443, NER-393

#### GENERAL NAILING SCHEDULE:

CONNECTION	COMMON NAILS	Nr. / SPACING
BRIDGING TO JOIST, TOE NAIL 2" SUBFLOOR TO JOIST,	16d	2 EA, END
BLIND & FACE NAILING SOLE PLATE TO JOIST OR BLOCKING	16d	2
FACE NAILED  OP OR SOLE PLATE TO STUD	16d	16" O.C.
END NAILED	16d	2
STUD TO SOLE PLATE, TOE NAILED	8d	3 OR 2 16d
DOUBLE STUDS, FACE NAILED	16d	24" O.C.
DOUBLE TOP PLATES, FACE NAILED TOP PLATES - LAPS & INTERSECTION	16d 3	16" O.C.
FACE NAILED X 6 SHEATHING TO EACH POINT	16d	2
OF BEARING, FACE NAILED BUILT-UP CORNER STUDS, FACE	8d	2
NAILED	16d	30" O.C.
UILT-UP GIRDERS & BEAMS	20d	32" O.C. ® TOP & BOTTOM & STAGGERED - 2 ® EA. END
3/4" PLYWOOD SUBFLOORING	8d	# @ SPLICES 6" O.C. @ EDGE: 10" O.C. @
OSB SHEATHING, 7/16" THICK	8d	INTERMEDIATE 6" O.C. @ EDGES 10" O.C. @
/8" FIBERBOARD SHEATHING	6d	INTERMEDIATE 3" O.C. @ EDGES 6" O.C. @ INTERMEDIATE

A. NAILS, BOLTS AND OTHER METAL CONNECTORS WHICH ARE USED IN LOCATIONS EXPOSED TO THE WEATHER SHALL BE GALVANIZED OR OTHERWISE CORROSION RESISTANT.

B. IN GENERAL, NAILS SHALL PENETRATE THE SECOND MEMBER A DIS-TANCE EQUAL TO THE THICKNESS OF THE MEMBER BEING NAILED THERETO, OR GREATER.

C. THERE SHALL BE NOT LESS THAN 2 NAILS PER CONNECTION.

D. GLUING SHALL NOT BE CONSIDERED AN ACCEPTABLE CONNECTOR IN LIEU OF THOSE SPECIFIED HEREIN.

E. FORMED METAL CONNECTORS, AS PER THE SCHEDULE HEREIN, SHALL HAVE THE NUMBER OF NAILS INSTALLED AS REQUIRED BY THE MANUFACTURER, OR AS DIRECTED BY THE PLANS.

F. NAILS PROJECTING BEYOND THE LAST WOOD MEMBER SHALL BE CLINCHED, WHEREVER POSSIBLE.

G. NOTES IN THE "PLANS" PACKAGE OF THE CONSTRUCTION DOCUMENTS SUPERSEDE SIZES & SPACINGS OF NAILS CONTAINED HEREIN.

REVISION:

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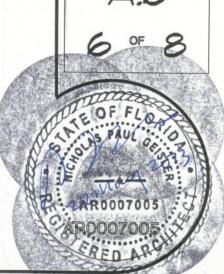


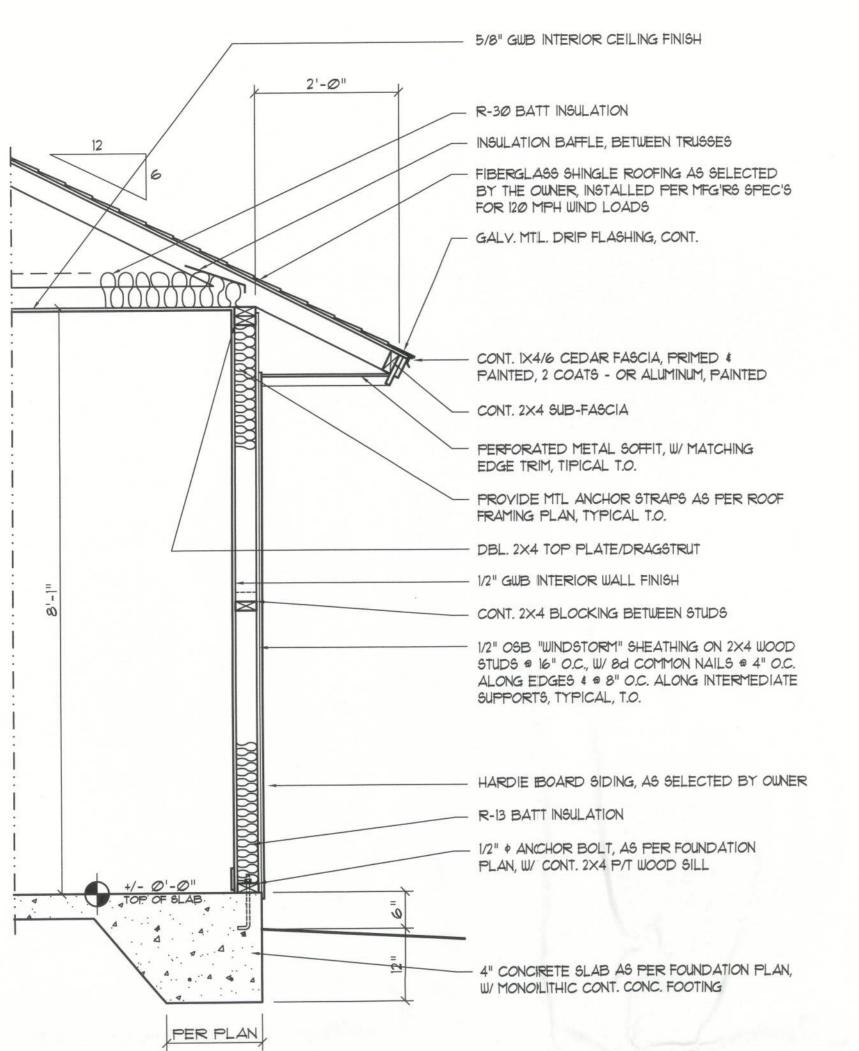


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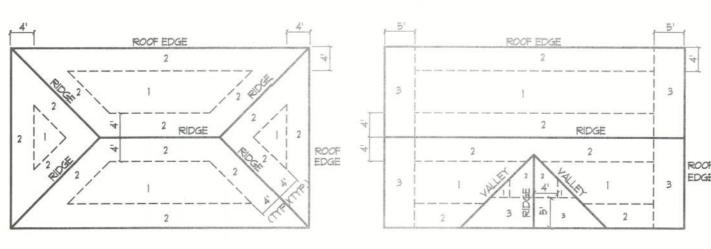


ROOF SHEATHING FASTENINGS

NAILING SHEATHING TYPE FASTENER SPACING

1
2 T/16 " 0.5B. OR 15/32 CDX 8d HOT DIPPED GALVANIZED BOX NAILS 6 in. o.c. EDGE 6 in. o.c. FIELD

4 in. o.c. @ GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. FIELD



ROOF SHEATHING NAILING ZONES (HIP ROOF)

ROOF SHEATHING NAILING ZONES (GABLE ROOF)

## Roof Nail Pattern DET.

SCALE: NONE

			В	UILDING	WIDTH (F	(1	
HEADERS	HEADER SIZE	20'		28'		36'	
SUPPORTING:		SPAN	# JACKS	SPAN	# JACKS	SPAN	# JACKS
	2-2×4	3'-6"	1	3'-2"	1	2'-10"	1
	2-2×6	5'-5"	1	4'-8"	1	4'-2"	1
ROOF, CEILING	2-2×8	6'-10"	1 -	5'-11"	2	5'-4"	1
	2-2×10	8'-5"	2	7'-3"	2	6'-6"	2
	2-2×12	9'-9"	2	8'-5"	2	7'-6"	2
	3-2×8	8'-4"	1	7'-5"	1	6'-8"	1
	3-2×10	10'-6"	1	9'-1"	2	8'-2"	1
	3-2×12	12'-2"	2	101-711	2	9'-5"	2

4-2×10 11'-8"

4-2x8 9'-2" 1 8'-4" 1 9'-2"

12'-2"

1 10'-6" 1 9'-5"

## Typical Wall SECTION

SCALE: 3/4" = 1'-0"

SCALE: 1/2" = 1'-0"

EXTERIOR WALL SHEATHING:

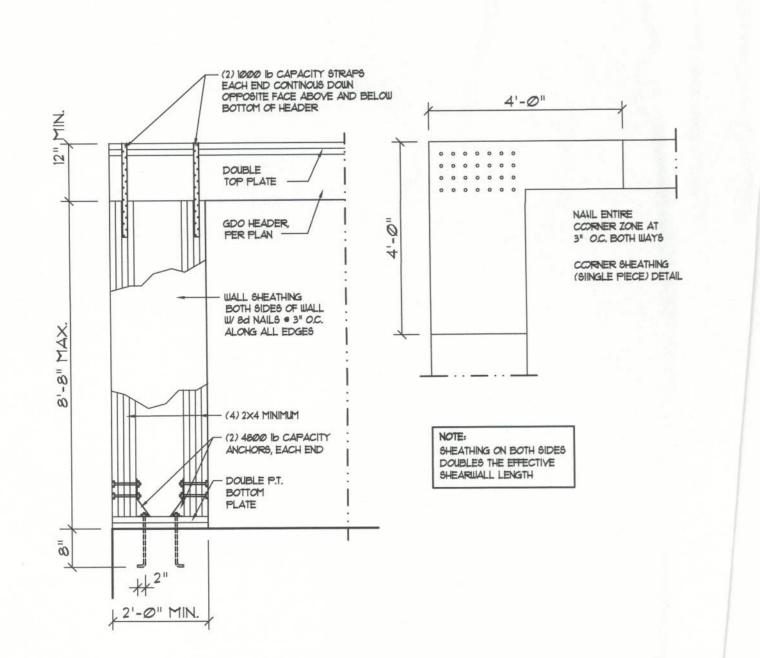
APPLY VERTICALLY, "WINDSTORM" T/16" OSB 48" X 97", 109", 121" OR 145"

SHEATHING. FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER

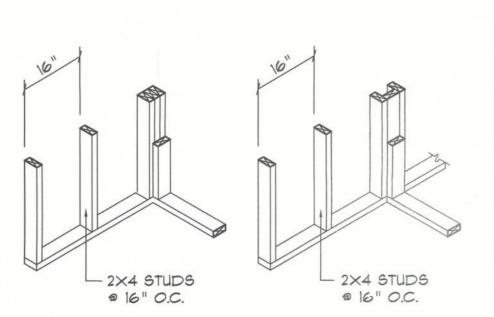
6d COMMON NAILS @ 3" O.C. OR 8d COMMON NAILS @ 4" O.C. FASTEN TO

EACH STUD WITH EITHER 6d COMMON NAILS @ 6" O.C. OR 8d COMMON!

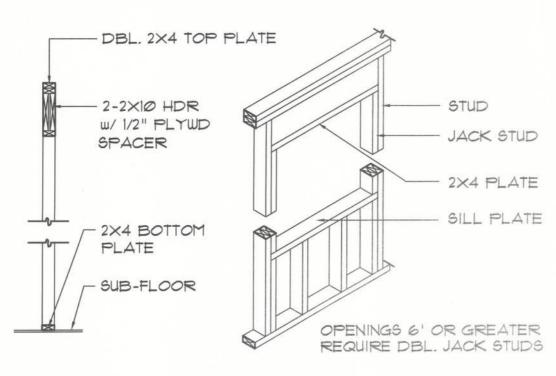
NAILS @ 8" O.C.



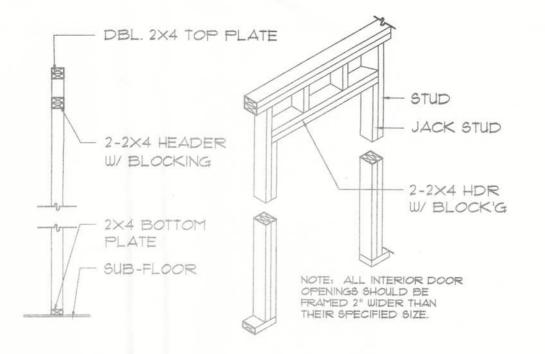
Garage End Wall DETAILS



WALL CORNER WALL INTERSECTION

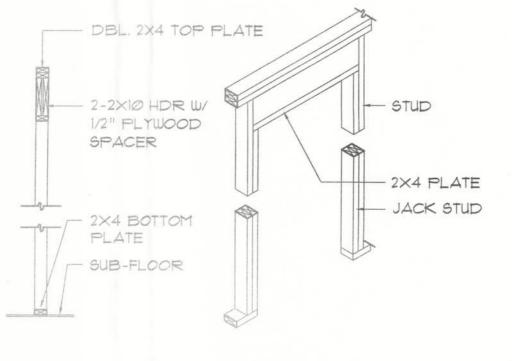


TYPICAL WINDOW HEADER



2 10'-11"

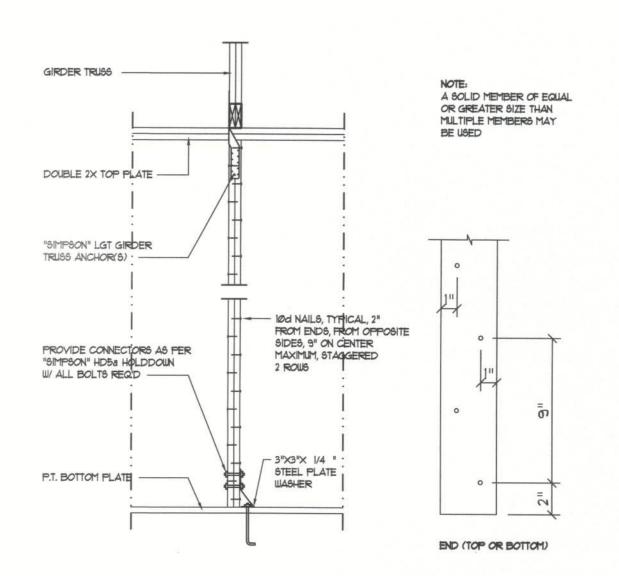
NON-BEARING WALL HEADER



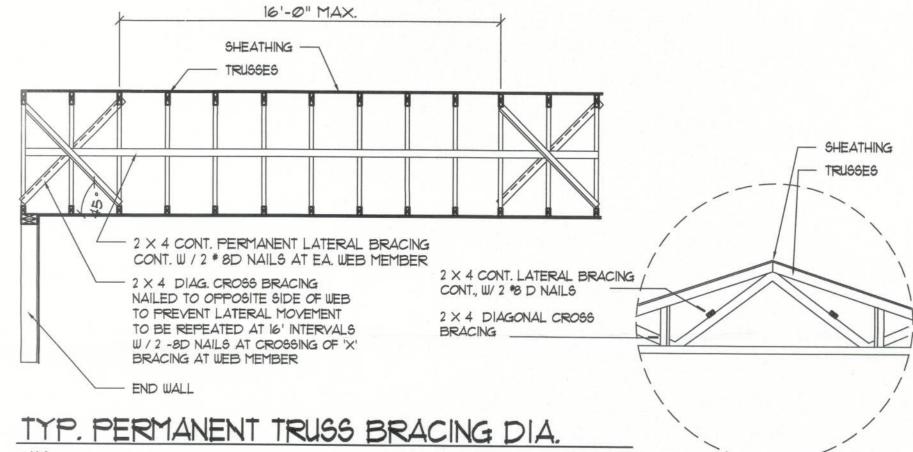
BEARING WALL HEADER

## Wall Framing/Header DETAILS SCALE: NONE





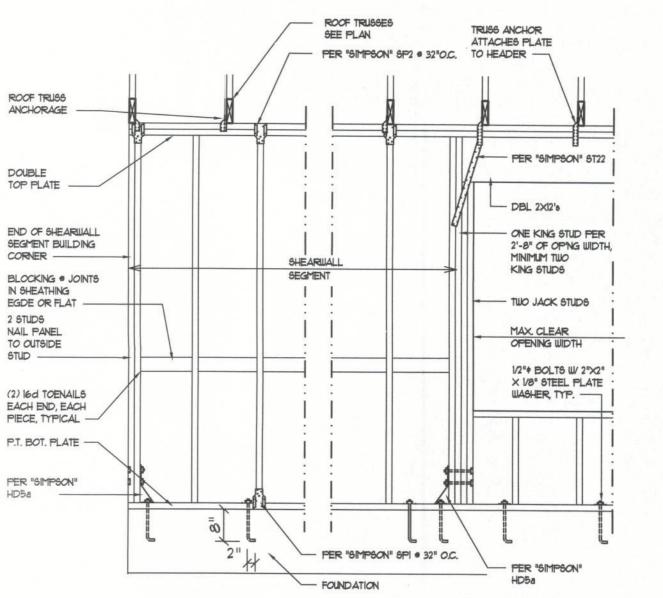




NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

## Truss Bracing DETAILS

SCALE: AS NOTED



D

- I. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS
  AS DEFINED BY STD 10-91 SBBCI 305.43.
- THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/16 " O.S.B. INCLUDING AREAS ABOVE AND BELOW OPENINGS
- ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
- 4. NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN THE FIELD.
- 5. TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 5/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 FOR 8'-0" WALLS (2'-3").

OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
P 6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
P 9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3

### Shear Wall DETAILS

SCALE: NONE



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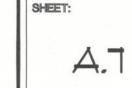
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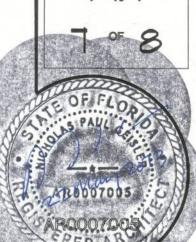
Celebrating
41 Years of Service
1972 - 2013
N.P. Geisler, Architect
AR0007005

HOLAS
PAUL
ISLER
1758 NW Brown Rd.
TECT Lake City, FL 32055
Certified 386–365–4355

21 MAY 2013

сомм: 2K1334





#### GENERAL NOTES:

- THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
- 2. THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WAR-RANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORK-MANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
- 3. AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURE-POSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.
- 4. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VAR-IOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.
- 5. THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING THE THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
- ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
- 7. ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK
- ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABLES LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
- ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- 10. INTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COM-PLIANCE WITH "UL Design U333", BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.
- 11. INTERIOR STUD WALLS SEPARATING LIVING AREA FROM GAR-AGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING R-11 BATT INSULATION.
- 12. CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECODE "C" GWB ON IX3 WOOD FURRING AT 16" O.C., ATTACHED W/ 1 1/4" BUGLEHEAD SCREWS @ 6" O.C. ALONG EACH POINT OF BEARING.

### AS - BUILT DRAWING REQUIREMENTS:

- A. ELECTRICAL "AS-BUILT" DRAWINGS ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE I COPY OF AS-BUILT DWGS TO OWNER & I COPY TO THE PERMIT ISSUING AUTHORITY.
- B. H.Y.A.C. "AS-BUILT" DRAWINGS H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.Y.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONT'R SHALL PROVIDE I COPY OF AS-BLT. DWGS TO OWNER & I COPY TO THE PERMIT ISSUING AUTHORITY.
- C. PLUMBING "AS-BUILT" DRAWINGS PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONT'R SHALL PROVIDE I COPY OF AS-BUILT DWGS TO OWNER AND I COPY TO THE PERMIT ISSUING AUTHORITY.

#### GENERAL MILLWORK NOTES:

- MILLWORK SUB-CONTRACTOR PROVIDING CASEWORK, MILLWORK OR THE LIKE FOR THIS PROJECT SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6 OF THE GENERAL NOTES, THIS SHEET.
- 2. SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: FABRICATION AND DELIVERY OF MILLWORK, SHOWN IN THE DRAWINGS, TO THE JOB SITE, INSTALLATION OF CABINET HINGES, CATCHES, DRAWER & TRAY GUIDES, ADJUSTABLE SHELF STANDARDS & SURFACE
- 3. ALL APPLICABLE STANDARDS OF "AWI QUALITY STANDARDS & GUIDE SPECIFICATIONS" APPLY TO THIS PROJECT, UNLESS NOTED OTHERWISE
- 4. AWI "CUSTOM" GRADE EXCEPT AS OTHERWISE NOTED OR DIRECTED BY THE OWNER, SHALL BE THE BASE STANDARD OF QUALITY REQ'D FOR THIS WORK
- 5. MILLWORK SUB-CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE OWNER, THE FOLLOWING ITEMS, PRIOR TO FABRICATING ANY MAT'LS OR MILLWORK: COMPLETE SET OF SHOP DRAWINGS, SAMPLES OF WD. SPECIES RECEIVING TRANSPARENT FINISH, MFR'S LITERATURE FOR ALL SPECIALTY ITEMS NOT MFD. BY THE ARCHITECTURAL WOODWORK FIRM AND HARDWARE SCHEDULE, SHOWING HARDWARE USED AT EA. LOCATION & CONFORMANCE W/ THE DESIGN INTENT OF THE DRAWINGS OR DIRECTIVES ISSUED BY THE OWNER.
- 6. PRODUCTS SHALL INCLUDE THE FOLLOWING: SOFTWOOD - SOLID STOCK PINE, C OR BETTER HARDWOOD - SPECIES AS SELECTED BY OWNER PLYWOOD, OPAQUE FINISH - FIR, GRADE A/B PLYWOOD, TRANSPARENT FINISH - SPECIES AS SELECTED BY OWNER PARTICLE BOARD - HIGH DENSITY, W/ RESIN BINDER LAM. PLASTIC - MFG, COLORS, PATTERNS & TEXTURES AS SELECTED BY OWNER LAMINATING ADHESIVES - POLYVINYL ACETATE, UREA-FORMALDEHYDE, CASEIN
- 1. ASSEMBLE WORK AT MILL & DELIVER TO JOB SITE READY TO INSTALL INSOFAR AS POSSIBLE.
- 8. PROTECT MILLWORK FROM MOISTURE & DAMAGE WHILE IN TRANSIT TO THE JOB SITE, UNLOAD AND STORE IN A PLACE WHERE IT WILL BE PROTECTED FROM MOISTURE AND DAMAGE AND BE CONVENIENT FOR INSTALLATION.
- 9. FABRICATE WORK IN ACCORDANCE WITH MEASUREMENTS TAKEN AT THE JOB SITE.
- 10. INSTALL HARDWARE IN ACCORDANCE WITH MANUFR'S DIRECTIONS. LEAVE OPERATING HARDWARE OPERATING SMOOTHLY & QUIETLY.
- 11. DAMAGED SURFACES SHALL BE REPAIRED TO MATCH UNDAMAGED ADJACENT PORTION OF THE WORK

#### GENERAL H.V.A.C. NOTES:

- SUB-CONTRACTORS PROVIDING HYAC INSTALLATION SHALL BE SUB-JECT TO THE PROVISIONS OF NOTES 1 THRU 6, GENERAL NOTES/D.la.
- 2. HVAC SUB-CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE & OPERATING HYAC SYSTEM.
- 3. HYAC SYSTEM SHALL BE AS DETAILED IN THE PLANS (IF INCLUDED), OR SHALL BE AS DIRECTED BY THE OWNER IN CONSULTATION WITH THE HYAC SUB-CONTRACTOR.
- 4. HVAC SUB-CONTRACTOR SHALL FURNISH SHOP DWGS FOR DUCTWORK, CONDENSING UNIT & AIR HANDLER, EXHAUST FANS AND AIR DEVICES.
- 5. IT IS THE HYAC SUB-CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES.
- 6. FLEXIBLE DUCT SHALL BE FULLY ANNEALED, CORRUGATED ALUM-INUM W/1 3/4 LB. DENSITY FIBERGLASS INSULATION AND SHALL BE U.L. LISTED. SHEET METAL DUCT SHALL BE LINED W/ 1" MATFACED DUCT LINER & WRAPPED W/ 13/4 LB. FOILFACED FIBERGLASS INSULATION. ALL FIBERGLASS DUCT SHALL BE FOILFACED, R42/R6.0 DUCTBOARD.
- 7. ALL EXHAUST AND OUTSIDE AIR DUCT SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHREA AND SMACNA STANDARDS.
- 8. ALL AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCTION FOR WALL AND CEILING APPLICATIONS AND STEEL CONSTRUCTION IN FLOOR APPLICATIONS. ACCEPTABLE MANUFACTURER'S SHALL BE TITUS, METALAIRE, NAILORHART, HART & COOLIE OR AS DIRECTED BY THE
- 9. IF REQUIRED BY THEOWNER, THE HVAC SUB-CONTRACTOR SHALL SUPPLY A TEST ANDBALANCE REPORT IN ACCORDANCE WITH AIR BALANCE COUNCIL STANDARDS, SIGN AND SEALED BY A REGISTERED ENGINEER.
- 10. HVAC SUB-CONTRACTOR SHALL SUPPLY ALL CONTRACTORS, RELAYS, AND THERMOSTATE THE ELECTRICAL SUB-CONTRACTOR SHALL PRO-VIDE ALL SWITCHE, DISCONNECTS & CONTROL WIRING. THERMOSTATS SHALL BE APPROED BY THE EQUIPMENT MFG'R.
- 11. ALL DUCT SIZES IDICATED IN THE PLANS (IF INCLUDED) ARE NET INSIDE DIMENSION.
- 12. ALL EQUIPMENT SALL BE FULLY WARRANTED FOR I YEAR AND THE COMPRESSOR(S) HALL BE WARRANTED 5 YEARS FROM DATE OF FINAL ACCEPTANCE, BITHE OWNER.
- 13. ALL WORK IN THITRADE SHALL BE COORDINATED WITH ALL OTHER TRADES SO AS ? AVOID CONFLICTS OR HINDERANCE TO COMPLETION OF THE JOB.
- 14. CONDENSATE DAIN PIPING SHALL BE INSULATED WITH 1/2" THICK ARMAFLEX INSUATION.
- 15. FILTERS SHALLSE DISPOSABLE TYPE AND HAVE INITIAL SHARE WEIGHT ARRESINCE OF 10% AND A CLEAN PRESSURE DROP OF 0.15. PROVIDE 2 SET ONE DURING CONSTRUCTION AND ONE FOR USE AT FINAL ACCEPTICE.
- 16. HYAC SUB-CO'RACTOR SHALL PROVIDE & INSTALL ALL NECESSARY OFFSETS, TRANTIONS & BENDS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NADDITIONAL COST TO THE OWNER.
- 17. IT IS THE RESONSIBILITY OF THE HVAC SUB-CONTRACTOR TO CO-ORDINATE LOATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD TH THE ELECTRICIAN, LIGHTS AND ARCHITECTURAL
- 18. COORDINATE/ THE ELECTRICIAN, PARTICULARLY ELECTRICAL NOTE Nr. 29, TO ASRE SUITABLE SIZES OF BREAKERS, SWITCHES AND WIRING.

#### GENERAL PLUMBING NOTES:

- SUB-CONTRACTORS PROVIDING PLUMBING MATERIALS AND INSTALL-ATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES I THRU 6.
- 2. ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
- 3. ALL MATERIALS SHALL BE NEW.
- 4. ALL WORK SHALL BE PREFORMED BY A LICENSED PLUMBING CON-TRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL.
- 5. ALL EXCAVATION & BACKFILL AS REQUIRED FOR THIS PHASE OF THE CONSTRUCTION SHALL BE PART OF THE PLUMBING SUB-CONTRACTOR'S
- 6. PLUMBING FLAT PLANS AND RISER DIAGRAMS (IF INCLUDED) ARE DIA-GRAMATIC. DO NOT SCALE THE DRAWINGS FOR EXACT LOCATIONS OF THE PLUMBING FIXTURES.
- 1. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF THE CONSTRUCTION.
- 8. WATER PIPING SHALL BE TYPE L COPPER UP TO I", & TYPE K FOR ALL LARGER SIZES. ALL UNDERGROUND PIPING SHALL BE TYPE K COPPER. AT THE OWNERS OPTION SUPPLY PIPING MAY BE C.P.V.C., SCHEDULE 40 OR SCHEDULE 80.
- 9. DO NOT USE LEAD BASED SOLDER FOR JOINING SUPPLY PIPING.
- 10. SOIL, WASTE, VENT & RAINWATER PIPING SHALL BE CAST IRON NO-HUB 301-72 ABOVE GRADE WITH NEOPRENE GASKETS AND STAINLESS STEEL BANDS & BELL & SPIGOT CAST IRON BELOW GRADE W/ LEAD & OAKUM JOINTS OR AT THE OWNERS OPTION, P.V.C., SCHEDULE 40, SEE NOTE 12.
- 11. AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE THREADED STEEL PIPE, COPPER DRAIN, WASTE OR VENT PIPE AND FITTINGS, OR P.Y.C., SEE NOTE 12, BELOW. INSULATE ALL CONDENSATE PIPING EXCEPT WHERE UNDERGROUND, AND ELECTRIC HEAT WRAP WHERE EXPOSED TO FREEZING CONDITIONS.
- 12. P.V.C. SCHEDULE 40 PIPE AND FITTINGS MAY BE USED FOR SOIL, WASTE, VENT, RAINWATER OR CONDENSATE PIPING AS APPROPRIATE, WHERE APPROVED BY LOCAL BUILDING CODES & OFFICIALS, P.V.C. MAY NOT BE USED TO PENETRATE CHASES OR FIRE RATED WALLS / CEILINGS.
- 13. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND WHERE PROVIDED, MARKED ACCESS PANELS.
- 14. FURNISH AND INSTALL APPROVED AIR CHAMBERS AT EACH PLUMBING FIXTURE AND APPROVED SHOCK ARRESTERS ON MAIN LINE OR RISERS.
- 15. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METALS IN PIPING AND EQUIPMENT CONNECTIONS.
- 16. ISOLATE COPPER PIPING FROM HANGERS OR SUPPORTS W/ HAIR FELT
- INSULATOR PADS.
- 17. PROVIDE 1/2" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM NEAR-EST PLUMBING FIXTURE, DO NOT MANIFOLD.
- 18. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES.
- 19. PROVIDE COMBINATION COVERPLATE / CLEANOUT PLUG FOR ALL WALL CLEANOUTS, FINISH AS DIRECTED BY THE OWNER.
- 20. FIXTURES, HARDWARE, EQUIPMENT, COLORS AND FINISHES SHALL BE AS SELECTED BY THE OWNER.

### GENERAL WELL & SEPTIC NOTES

- SUB-CONTRACTORS PROVIDING WATER WELLS AND/OR SEPTIC TANKS AND DRAINFIELDS SHALL BE SUBJECT TO THE PROVISIONS OF NOTES I THRU 6. THIS SHEET
- 2. LOCATION OF POTABLE WATER WELLS SHALL BE DETERMINED BY THE OWNER IN CONSULTATION WITH THE WELL DRILLING CONTRACTOR WELLS SHALL NOT BE LOCATED CLOSER THAN 15'-0" TO ANY PROPOSED OR EXISTING SEPTIC TANK OR DRAINFIELD, EITHER ON SUBJECT PROPERTY OR ADJACENT/ADJOINING PROPERTY.
- 3. POTABLE WATER WELLS SHALL BE A MINIMUM 4" WITH BLACK IRON CASING TO A DEPT'H OF 80'-0". PUMPS SHALL BE OF THE SUBMERSIBLE TYPE, THREE WIRE SYSTEM, MINIMUM HORSEPOWER SHALL BE 1/2 H/P OR AS DIRECTED BY THE OWNER MOTOR STARTER SHALL BE ENCLOSED IN A WEATHERPROOF HOUSING, MOUNTED ON A P/T 4X4 POST AT THE WELL HEAD.
- 4. WELL HEAD SHALL PROJECT 12" ABOVE GRADE.
- 5. ALL REQUIRED COMPONENTS FOR A COMPLETE OPERATING SYSTEM SHALL BE PROVIDIED, INCLUDING ANTI-FREEZE BLEEDER FITTING, CHECKVALVE, AIR BLEEDERS, SHUTOFF VALVE, HOSE BIBB, PRESSURE REGULATOR/CONTACTOR, UNIONS AND PRESSURE GAUGE.
- 6. PRESSURE TANK SHALL BE GALVANIZED 82 GALLON CAPACITY, UNLESS DIRECTED OTHERWISE BY THE OWNER.
- 1. SEPTIC TANK LOCATION & DRAINFIELD INVERT SHALL BE DETERMINED BY THE LOCAL HE, ALTH DEPARTMENT, IN CONSULTATION W/ THE OWNER.
- 8. SEPTIC TANKS SHALL BE OF A SIZE & CONSTRUCTION AS DETERMINED BY THE LOCAL HE, ALTH DEPARTMENT, TANK MAT'L SHALL BE POURED CONCRETE OR FIBIERGLASS AS ALLOWED BY THE SEPTIC TANK PERMIT.
- 9. SEPTIC DRAINFIELIDS SHALL BE CONSTRUCTED TO THE STANDARDS OF THE LOCAL HEALTH DEPARTMENT. DRAINFIELD PIPING SHALL BE CLAY TILE OR P.V.C. OR POLY AS ALLOWED BY THE SEPTIC TANK PERMIT. DRAINFIELD BEDS, SHALL BE 3/4" WASHED ROCK, INSTALLED THICKNESS SHALL BE AS PER SEPTIC TANK PERMIT.
- 10. SAND FILTER BEADS, MOUND SYSTEMS, DOSING TANKS, GREASE TRAPS, DISTRIBUTION BOXES, GRINDER PUMPS, SUMP PUMPS AND OTHER SUCH RELATED ITEMS (IF REQUIRED OR REQUESTED) SHALL BE AS PER THE DESIGN STANDARDS OF THE LOCAL HEALTH DEPARTMENT.

#### ELECTRICAL NOTES: General

- DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHI-TECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT, CONFIRM WITH OWNER.
- 2. INSTALL ALL ELECTRICAL WORK IN CONFORMANCE WITH THE NEC 1997 EDITION, AND IT'S AMENDMENTS AS ADOPTED BY THE PERMIT ISSUING AUTHORITY AT THE TIME OF CONSTRUCTION.
- 3. GROUNDING: GROUND ALL MAIN DISCONNECTS TO STANDARD GROUND ROD(S) AND TO COLD WATER SUPPLY AS PER ARTICLE 250 OF NEC-1994.
- 4. INSTALL ONLY COPPER WIRING ON THIS PROJECT: THW, TW, THUN, THHN OR NM CABLE, UNLESS NOTED OTHERWISE, ALL CONDUCTORS #10 & SMALLER MAY BE SOLID. ALL CONDUCTORS \*8 AND LARGER SHALL BE STRANDED TYPE.
- 5. PROVIDE CONTINUITY OF NEUTRAL ON MULTI-BRANCH CIRCUITS BY SPLICING AND BRINGING OUT A TAP, ASSURING NO OPEN-INGS OF NEUTRAL IN REPLACEMENT OF A DEVICE.
- 6. COLOR CODE MULTI-CIRCUIT WIRING AS FOLLOWS: NEUTRAL -WHITE, GROUND - GREEN, LINE - ALL OTHER COLORS.
- 7. INSTALL ONLY HIGH POWER FACTOR BALLASTS AT FLUORESCENT FIXTURES.
- 8. INSTALL GFI BREAKERS OF DEVICES AT ALL BATHROOM, REST-ROOM, KITCHEN, GARAGE AND EXTERIOR RECEPTACLES AND AS NOTED ON THE DRAWINGS.
- 9. INSTALL ONLY THOSE ELECTRICAL DEVICES THAT BEAR A "UL" OR OTHER RECOGNIZED TESTING LAB LABEL. ALL MATERIALS SHALL BE NEW.
- 10. INSTALL NON-FUSED DISCONNECT SWITCHES AT ALL PIECES OF ELECTRICAL EQUIPMENT LOCATED WHERE SAID EQUIPMENT IS NOT VISIBLE FROM THE CIRCUIT BREAKER THAT PROTECTS IT: SIZE IN ACCORD WITH THE LOAD. ALL DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE - QUICK-BREAK TYPE - ENCLOSURES SHALL BE AS REQ'D FOR EXPOSURE.
- MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC WITH OVER-LOAD RELAYS IN EACH HOT LEG.
- 12. ISOLATE DISSIMILAR CONDUIT AND TUBING METALS FROM SOIL, WATER AND GAS PIPING AND OTHER BUILDING MATERIALS WHERE DAMAGE BY FRICTION OR ELECTROLYSIS MAY OCCUR, EXCEPT WHERE ELECTRICAL GROUND IS PROVIDED.
- 13. FURNISH AND INSTALL ALL ELECTRICAL DEVICES AND ITEMS REQUIRES FOR A COMPLETE, OPERATING SYSTEM, PROVIDING THE FUNCTIONS AS DETAILED IN THE PLANS (AND SPECS).
- 14. OUTLET BOXES SHALL BE PRESSED STEEL OR PLASTIC OR ALL DRY LOCATIONS, FOR WET LOCATIONS, CAST ALLOY WITH THREADED HUB OUTLET BOXES SHALL BE INSTALLED.
- 15. HOT CHECK ALL SYSTEMS WITH THE OWNER'S REPRESENTATIVE PRESENT TO VERIFY PROPER FUNCTION PRIOR TO C.O.
- 16. COORDINATE ALL WORK THROUGH GC TO AVOID CONFLICTS. CO-ORDINATE WITH HYAC CONTRACTOR AND ELECTRONICS SYSTEMS CONTRACTORS SO THAT A COMPLETE, FUNCTIONING SYSTEM IS INSTALLED, IN EACH CASE, WITH NO EXTRA COST TO THE
- 17. EMERGENCY LIGHTING AND EXIT SIGNS, IF INDICATED ON THE PLANS, SHALL BE WIRED PER NEC 700-12F.
- 18. ALL PANEL SCHEDULES SHALL BE FULLY FILLED OUT AND SHALL BE TYPEWRITTEN. EA. CIRCUIT SHALL BE CLEARLY IDENTI-FIED A TO WHAT IS INCLUDED ON SAID CIRCUIT.
- 19. IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION.
- 20. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF THE POWER COMPANY & TELEPHONE COMPANY.
- 21. FURNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR HYAC SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. CONTROLS ARE TO BE SUPPLIED BY THE HVAC CONTRACTOR, AND CONNECTED BY THE ELECTRICAL CONTRACTOR
- 22. ALL RACEWAYS BELOW GROUND SHALL BE A MINIMUM OD 3/4".
- 23. ALL CIRCUIT BREAKERS, TWO AND THREE POLE, SHALL BE COMMON TRIP. NO TIE HANDLES OR TANDEMS SHALL BE ACCEPTABLE.
- 24. ALL FUSES, UNLESS NOTED OTHERWISE ON THE DRAWINGS, SHALL BE CURRENT LIMITED TYPE (C.L.) RATED 200,000 AIC.
- 25. ELECTRICAL CONTRACTOR SHALL VERIFY ALL COMPONENTS FOR ALL ELECTRICAL APPLICATIONS & DETERMINE THE CORRECTNESS OF SAME. ANY DISCREPANCY SHALL BE REPORTED TO THE OWNER PRIOR TO FABRICATING ANY MATERIALS, ORDERING COMPONENTS OR DOING ANY WORK.
- 26. CIRCUITS ON PANEL SCHEDULE (AND PLANS) ARE TO DETERMINE LOAD DATA AND SIZE. THE CONTRACTOR SHALL PROVIDE CIR-CUITS AND ROUTING OF CONDUITS AND WIRING TO SUIT JOB CONDITIONS, AND BALANCE THE JOB, THROUGHOUT.
- 27. CHECK EQUIPMENT FOR PROPER VOLTAGE, PHASE AND AMPERAGE RATING PRIOR TO CONNECTION TO CIRCUITS.
- 28. PANEL BOARDS SHALL BE CIRCUIT BREAKER TYPE, VERIFY NUMBER AND SIZES OF CIRCUITS. 29. WHEN CONDUIT RUNS EXCEED 200 FEET, PULL BOXES SHALL BE
- 30. ELECTRICAL EQUIPMENT AIC RATING AND FEEDER SIZE SHOWN ON THE PLANS ARE DESIGNED FOR MAX. AVAILABLE FAULT CURRENT AND MAX. ALLOWABLE VOLTAGE DROP, RESPECTIVELY.

INSTALLED SO THAT NO PULL EXCEEDS THIS DISTANCE.

#### PROJECT INFORMATION / NOTES:

DESIGN VALUES/LOADS & CODES

### WIND DESIGN SPEED: 120 MPH, UNLESS NOTED OTHERWISE

SOIL DESIGN STATEMENT: FOOTING DESIGN IS BASED UPON 1500PSF SOIL BEARING PRESSURE PRO-VIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDITIONS IE: CLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOILS SHALL

REQUIRE FOUNDATION MODIFACATIONS. LIVE LOADS: 1st FLOOR: 40PSF, 2nd FLOOR: 30PSF, ROOF: AS DETERMINED BY SHAPE FACTORS APPLIED TO THE WIND FORCE GENERATED BY THE DESIGN WIND SPEED.

BUILDING CODE: 2010 FLORIDA BUILDING CODE

ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - LATEST LIFE SAFETY: NFPA-101 - LATEST

#### CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DIS-CREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRACATION OF ANY MATERIALS.

#### DO NOT SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

#### CHANGES TO FINAL PLAN SETS

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

### General Roofing NOTES

ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

#### ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL. UNDERLAYMENT IS REQUIRED.

UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226,

#### TYPE I, OR ASTM D 4869, TYPE I. SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:

#### SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1970. ASPHALT SHINGLES:

#### ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT: ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE, WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR M-DC PA 107-95.

- UNDERLAYMENT APPLICATION: FOR ROOF SLOPES FORM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS: 1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO
- 2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS: STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

#### BASE AND CAP FLASHINGS:

STAY IN PLACE.

BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 11 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED. 1. OPEN VALLEYS LINED WITH METAL: THE VALLEY LINING SHALL BE

AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 15073.92. 2. OPEN VALLEYS: VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.

3. CLOSED VALLEYS: VALLEY LINING SHALL BE ONE OF THE FOLLOWING: 1. BOTH TYPES I AND 2 ABOVE, COMBINED. 2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.

3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE & COMPLYING WITH ASTM D 1970.

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