PROJECT INFORMATION / NOTES:

DESIGN VALUES/LOADS & CODES WIND DESIGN SPEED: 110 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

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: 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 DISCREPANCIES 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.

INORGANIC ARSENICAL PRESSURE TREATED WOOD

SOME FRAMING MATERIALS SPECIFIED FOR THE CONSTRUCTION OF YOUR PROJECT SUCH AS SILLS OR EXTERIOR FRAMING ARE PRESSURE TREATED. EACH PIECE IS CLEARLY MARKED FOR EASY IDENTIFICATION AND IS USUALLY GREENISH IN COLOR.

THIS WOOD HAS BEEN PRESERVED BY PRESSURE-TREATMENT WITH AN EPAREGISTERED PESTICIDE CONTAINING INORGANIC ARSENIC TO PROTECT IT FROM INSECT ATTACK AND DECAY. EXPOSURE TO TREATED WOOD MAY PRESENT CERTAIN HAZARDS, THEREFORE, PRECAUTIONS SHOULD BE TAKEN BOTH WHEN HANDLING THE TREATED WOOD AND IN DETERMINING WHERE TO USE OR DISPOSE OF THE TREATED WOOD.

FOR FURTHER INFORMATION ON THE USE OF AND DISPOSAL OF INORGANIC ARSENIC PRESSURE TREATED WOOD, PLEASE REFER TO THE EPA MATERIAL SAFETY SHEET DEALING WITH THIS PRODUCT.

CONCRETE / MASONRY / METALS GENERAL NOTES:

I. DESIGN SOIL BEARING PRESSURE: 1000 PSF.

- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS TESTS AS SPECIFIED SHALL BE PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- 3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 95% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 2500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- 4. REINFORCING STEEL SHALL BE GRADE 40 AND MEET THE REQUIRE-MENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- 5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIRE-MENTS OF ASTM A185 - MIN. YEILD STRESS = 85 KSI.
- 6. CONCRETE SHALL BE STANDARD MIX F'C = 2500 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'C = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACE-MENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH -F'm = 1500 PSI.
- 8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A3Ø1 / GRADE I OR A325, AS PER PLAN REQUIREMENTS.
- 10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

ELICTRICAL NOTES

- NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHI-ECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL QUIPMENT. CONFIRM WITH OWNER.
- 2. NSTALL ALL ELECTRICAL WORK IN CONFORMANCE WITH THE NEC ATEST EDITION, AND IT'S AMENDMENTS AS ADOPTED BY THE PERMIT ISSUING AUTHORITY AT THE TIME OF CONSTRUCTION.
- 3. FROUNDING: GROUND ALL MAIN DISCONNECTS TO STANDARD FROUND ROD(S) AND TO COLD WATER SUPPLY AS PER ARTICLE 50 OF NEC-1994.
- 4. NSTALL ONLY COPPER WIRING ON THIS PROJECT: THW, TW, HWN, THHN OR NM CABLE, UNLESS NOTED OTHERWISE. ALL CONDUCTORS #10 & SMALLER MAY BE SOLID. ALL CONDUCTORS 3 AND LARGER SHALL BE STRANDED TYPE.
- 5. PROVIDE CONTINUITY OF NEUTRAL ON MULTI-BRANCH CIRCUITS 3Y SPLICING AND BRINGING OUT A TAP, ASSURING NO OPEN-VGS OF NEUTRAL IN REPLACEMENT OF A DEVICE.
- 6. COLOR CODE MULTI-CIRCUIT WIRING AS FOLLOWS: NEUTRAL JHITE, GROUND GREEN, LINE ALL OTHER COLORS.
- 7. NSTALL ONLY HIGH POWER FACTOR BALLASTS AT FLUORESCENT IXTURES.
- 8. NOTALL GFI BREAKERS OF DEVICES AT ALL BATHROOM, REST-ROOM, KITCHEN, GARAGE AND EXTERIOR RECEPTACLES AND AS NOTED ON THE DRAWINGS.
- 9. NSTALL ONLY THOSE ELECTRICAL DEVICES THAT BEAR A "UL"

 OR OTHER RECOGNIZED TESTING LAB LABEL. ALL MATERIALS

 HALL BE NEW.
- 10. NSTALL NON-FUSED DISCONNECT SWITCHES AT ALL PIECES OF ELECTRICAL EQUIPMENT LOCATED WHERE SAID EQUIPMENT IS NOT VISIBLE FROM THE CIRCUIT BREAKER THAT PROTECTS IT: NIZE IN ACCORD WITH THE LOAD. ALL DISCONNECT SWITCHES HALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE QUICK-SREAK TYPE ENCLOSURES SHALL BE AS REQ'D FOR EXPOSURE.
- 11. 10TOR STARTERS SHALL BE MANUAL OR MAGNETIC WITH OVER-OAD RELAYS IN EACH HOT LEG.
- 12. 30LATE DISSIMILAR CONDUIT AND TUBING METALS FROM SOIL, JATER AND GAS PIPING AND OTHER BUILDING MATERIALS WHERE DAMAGE BY FRICTION OR ELECTROLYSIS MAY OCCUR, EXCEPT THERE ELECTRICAL GROUND IS PROVIDED.
- 13. URNISH AND INSTALL ALL ELECTRICAL DEVICES AND ITEMS REQUIRES FOR A COMPLETE, OPERATING SYSTEM, PROVIDING THE FUNCTIONS AS DETAILED IN THE PLANS (AND SPECS).
- 14. DUTLET 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. IOT CHECK ALL SYSTEMS WITH THE OWNER'S REPRESENTATIVE PRESENT TO VERIFY PROPER FUNCTION PRIOR TO C.O.
- PRDINATE WITH HVAC CONTRACTOR AND ELECTRONICS SYSTEMS CONTRACTORS SO THAT A COMPLETE, FUNCTIONING SYSTEM IS NOTALLED, IN EACH CASE, WITH NO EXTRA COST TO THE DUNER.

16. CORDINATE ALL WORK THROUGH GC TO AVOID CONFLICTS. CO-

- 17. :MERGENCY LIGHTING AND EXIT SIGNS, IF INDICATED ON THE PLANS, SHALL BE WIRED PER NEC 100-12F.
- 18. ALL PANEL SCHEDULES SHALL BE FULLY FILLED OUT AND SHALL BE TYPEWRITTEN. EA. CIRCUIT SHALL BE CLEARLY IDENTI-IED A TO WHAT IS INCLUDED ON SAID CIRCUIT.
- 19. I IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY 11NOR DETAIL OF THE CONSTRUCTION.
- 20. HE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF THE POWER COMPANY & TELEPHONE COMPANY.
- 21. URNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR IVAC 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, HALL BE CURRENT LIMITED TYPE (C.L.) RATED 200,000 AIC.
- 25. :LECTRICAL 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. JRCUITS ON PANEL SCHEDULE (AND PLANS) ARE TO DETERMINE .OAD DATA AND SIZE. THE CONTRACTOR SHALL PROVIDE CIR-JUITS AND ROUTING OF CONDUITS AND WIRING TO SUIT JOB JONDITIONS, 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 JUMBER AND SIZES OF CIRCUITS.
- 29. HEN CONDUIT RUNS EXCEED 200 FEET, PULL BOXES SHALL BE NSTALLED SO THAT NO PULL EXCEEDS THIS DISTANCE.
- 30. :LECTRICAL EQUIPMENT AIC RATING AND FEEDER SIZE SHOWN IN THE PLANS ARE DESIGNED FOR MAX. AVAILABLE FAULT :URRENT AND MAX. ALLOWABLE VOLTAGE DROP, RESPECTIVELY.

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL INDERMINIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENT'S ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
- 2. THE CONTRACTOR AND/OR SUBB-CONTRACTORS SHALL WAR-RANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION ANND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORK-MANSHIP SHALL BE CORRECTEED 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 ELEVIVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURE-POSE OF DETERMINING ANY WALRRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SCHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY: THE OWNER.
- 4. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAYY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE (OR FEDERAL
- 5. THE OWNER SHALL FILE A "NOTITICE OF COMMENCEMENT" PRIOR TO THE BEGINNING THE THE PREQUECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER": AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUELESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
- 6. ANY AND ALL DISPUTES ARISINNG FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATIONN.
- ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCL; LUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIRER: MENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BEE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMMENCEMENT 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 COONCRETE 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 UNCONDITIONNED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA
- 11. INTERIOR STUD WALLS SEPARA ATING LIVING AREA FROM GARAGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING R-1-11 BATT INSULATION.
- 12. CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIFIRECODE "C" GWB ON IX3 WOOD FURRING AT 16" O.C., ATTACHED) W/ I 1/4" BUGLEHEAD SCREWS 06" O.C. ALONG EACH POINT COF BEARING.

GENERAL MILLWORK NOTHES:

- MILLWORK SUB-CONTRACTOR ! PROVIDING CASEWORK, MILLWORK OR THE LIKE FOR THIS PROJECT SCHALL BE SUBJECT TO THE PROVISIONS OF NOTES I THRU 6 OF THE GENERAL NOTES, THIS SHEET.
- 2. SCOPE OF WORK INCLUDES, BUJUT IS NOT LIMITED TO THE FOLLOWING:
 FABRICATION AND DELIVERY & OF MILLWORK, SHOWN IN THE DRAWINGS,
 TO THE JOB SITE, INSTALLATIODN OF CABINET HINGES, CATCHES,
 DRAWER & TRAY GUIDES, ADJUJUSTABLE SHELF STANDARDS & SURFACE
- 3. ALL APPLICABLE STANDARDS'S OF "AWI QUALITY STANDARDS & GUIDE SPECIFICATIONS" APPLY TO THHIS PROJECT, UNLESS NOTED OTHERWISE.
- 4. AWI "CUSTOM" GRADE EXCEPT T AS OTHERWISE NOTED OR DIRECTED BY THE OWNER, SHALL BE THEE BASE STANDARD OF QUALITY REQ'D
- 5. MILLWORK SUB-CONTRACTOR & SHALL SUBMIT FOR APPROVAL BY THE OWNER, THE FOLLOWING ITEMS, I, PRIOR TO FABRICATING ANY MAT'LS OR MILLWORK: COMPLETE SET T OF SHOP DRAWINGS, SAMPLES OF WD. SPECIES RECEIVING TRANSPARRENT FINISH, MFR'S LITERATURE FOR ALL SPECIALTY ITEMS NOT MFD. BY, Y THE ARCHITECTURAL WOODWORK FIRM AND HARDWARE SCHEDULLE, SHOWING HARDWARE USED AT EA. LOCATION & CONFORMANCE W/J/ THE DESIGN INTENT OF THE DRAWINGS OR DIRECTIVES ISSUED BY THE OWNER.
- 6. ASSEMBLE WORK AT MILL & DELIVER TO JOB SITE READY TO INSTALL INSOFAR AS POSSIBLE.
- 7. PROTECT MILLWORK FROM MODISTURE & DAMAGE WHILE IN TRANSIT TO THE JOB SITE, UNLOAD AND ST; TORE IN A PLACE WHERE IT WILL BE PROTECTED FROM MOISTURE AND DAMAGE AND BE CONVENIENT FOR INSTALLATION.
- 8. FABRICATE WORK IN ACCORDIANCE WITH MEASUREMENTS TAKEN AT THE JOB SITE.
- 9. INSTALL HARDWARE IN ACCORROANCE WITH MANUFR'S DIRECTIONS. LEAVE OPERATING HARDWARE OPERATING SMOOTHLY & QUIETLY.
- 10. DAMAGED SURFACES SHALL BBE REPAIRED TO MATCH UNDAMAGED ADJACENT PORTION OF THE WORK.

GENERAL ROOFING NOTES:

DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE: ASPHALT SHINGLES

FASTENERS:

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.

UNDERLAYMENT:

UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE 1, OR ASTM D 4869, TYPE 1.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1910.

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

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.

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 101-95.

UNDERLAYMENT APPLICATION: FOR ROOF SLOPES FORM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:

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:

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 TILBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS:

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 1507.3.9.2.

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 1 AND 2 ABOVE, COMBINED.

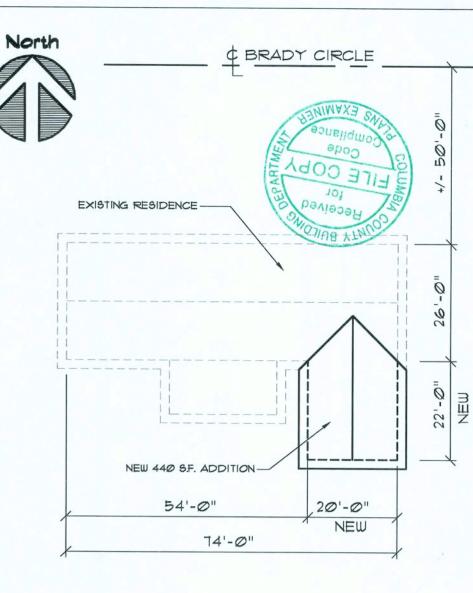
2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND

COMPLYING WITH ASTM D 224.

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

WOOD STRUCTURAL NOTES:

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES 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 INFORMATION IN THE CONNECTOR SCHEDULE.



Site/Key PLAN

LEGAL DESCRIPTION:

448 NW BRADY CIRCLE, LAKE CITY, FL 32055
PARCEL I.D. NO. 25-36-16-02293-000 HX
COLUMBIA COUNTY, FLORIDA.
CONTAINING 100 ACRES MORE OR LESS,

FIELD NOTES:

THE PROPERTY OF STATE OF STATE

Copyright 208 C N.P. Geisler, rchitect

DJR

P S T

DRAWN:

HOLAS FAUL EISLER 1758 NW Brown Rd.

DATE:

Ø2MAY:009

COMM:

SHEET:

1 OF 2

CUSTOM DESIGNED ADDITION FOR:

448 NW BRAY CIRCLE

AL & MARTHA WILLIAMS

COLUMBIA COUNTY, FLORIDA

M C = 288 - 5005 A C 397 - 5812 Received Rec

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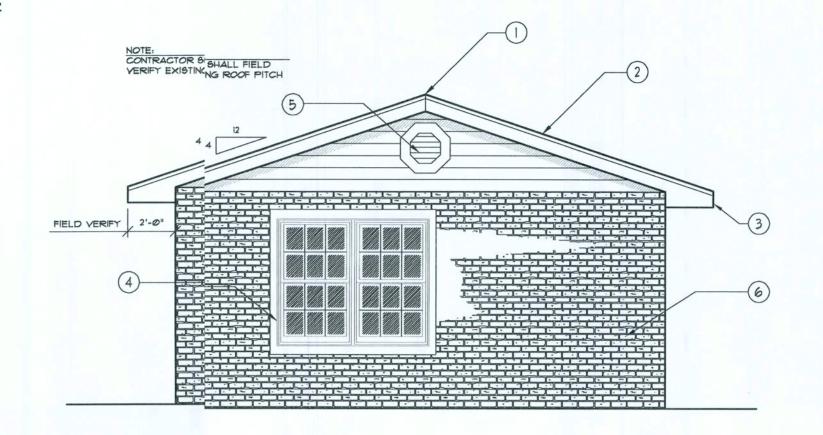
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440.0 SF ADDITION

EXTERIOR FINISH MATERIALS:

- ONT. RIDGE VENT TO MATCH ROOFING
- 2 FINISH ROOFING AS SELECTED BY OWNER
- 3 MTL. FLASHING ON IX6 CYPRESS FASCIA
- (4) SINGLE HUNG ALUMINUM WINDOWS W/ DBL. GLAZING, AS SELECTED BY OWNER
- (5) 24" GABLE END VENT
- (6) 4" BRICK VENEER

AREA CALCULATION



Side ELEVATION SCALE 1/4" = 1'1'-0"

ECH (1988) 1964) 1962 (1989) 1964) 1962 (1963) 1964) 1965 (1964) 1966) 1966 (1964) 1966 (1964) 1966 (1964) 1966 Langer (1964) 1964 (1964) 1966 (1964) 1966 (1964) 1966 (1964) 1966 (1964) 1966 (1964) 1966 (1964) 1966 (1964) FIELD VERIFY

Front ELEVATION SCALE 1/4" = 1'-0"

WI	NDOW SCHEDULE			
MARK	DESCRIPTION	INSTALLATION	MODEL	NOTES
3030	SINGLE HUNG ALUM, SASH W/ INSUL, GLASS	I" ROOFING NAILS - 3 PER FLANGE, MA. 18" O.C.	SERIES 650	-
3050	SINGLE HUNG ALUM. SASH W/ INSUL. GLASS	I" ROOFING NAILS - 3 PER FLANGE, MA. 18" O.C.	SERIES 650	-
4050	SINGLE HUNG ALUM. SASH W/ INSUL. GLASS	I" ROOFING NAILS - 4 PER FLANGE, MA. 18" O.C.	SERIES 650	-

ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY "MI HOME PRODUCTS, IN."
- OTHER MANUFACTURERS/PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WIND DESIGN PERFOMANCE MEETS OR EXCEEDS THESE UNITS

NOTE, VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION. EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

SCALE 1/4" = 1'-0"

WINDOW ASSEMBLIES SHALL IEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWIG PRODUCTS:

"MI HOME PRODUCTS, INC."; ERIES 450/650 ALUMINUM WINDOWS, SINGLE HUNG, 1, 2: 3 MULLED UNITS, PICTURE SERIES ENTERGY 6-8 W/E INSWING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

WINDOWS, SINGLE HUNG, 1, 2: 3 MULT WINDOWS & SLIDING GLASSOORS PER ASTM E 283, ASTM E 30 & AST	
ASTENING SCHEDULE	TABLE 1609.2B (FBC) COMPONENT & CLADDING WIND LOADS BLDG MEAN HGT LESS THAN 30.0' EXPOSURE B
PANELS	ZONE EFFECTIVE WIND SPEED WIND AREA 130 MPH
FASTENER SPACING	ZONE 4 10.0 25.9 -28.1

WIND-BORNE DE	BRIS PROTE			DULE	COMPON	TABLE 1609.2B ENT & CLADDIN MEAN HGT LES EXPOSURE	G WIND LOADS 5 THAN 30.0'	
FOR WOOD STRUCTURAL PANELS					ZONE	EFFECTIVE WIND AREA	WIND SPEED 130 MPH	
FASTENER TYPE			ASTENER SPA	CING	ZONE 4	- 1		
	PANEL SPAN ≤ 2 FT	2 FT < PANEL SPAN < 4 FT	4 FT < PANEL SPAN < 6 FT	6 FT< RNEL SPA< 8 FT	ZONE 4 ZONE 4 ZONE 4	50.0	23.2 -25.4 22.0 -24.2	
#6 × 2½" WOOD SCREW #8 × 2½" WOOD SCREW DOUBLE-HEADED NAILS	16" 16" 12"	16" 16" 6"	12" 16" 4"	5 1' 5	ZONE 5 ZONE 5 ZONE 5 ZONE 5	20.0 50.0	25.9 -34.7 24.7 -32.4 23.2 -29.3 22.0 -26.9	

- 1. THIS TABLE IS BASED ON A MAXIMUM WIND SPEED OF 130 MPH AND MEAN ROOF HEIGHT OF 33' OR LEGS.
- 2. FASTENERS SHALL BE INSTALLED AT OPPOSITE ENDS OF THE STRUCTURAL
- 3. WHERE SCREWS AT ATTACHED TO MASONRY OR MASONRY/STUCCO, THEY SHALL BE ATTACID UTILIZING YIBRATION-RESISTANT ANCHORS HAVING A MINIMUM WITHDRAIL CAPACITY OF 490 LBS.
- 4. NAILS SHALL BE I COMMON 12d BOX DOUBLE-HEADED NAILS.

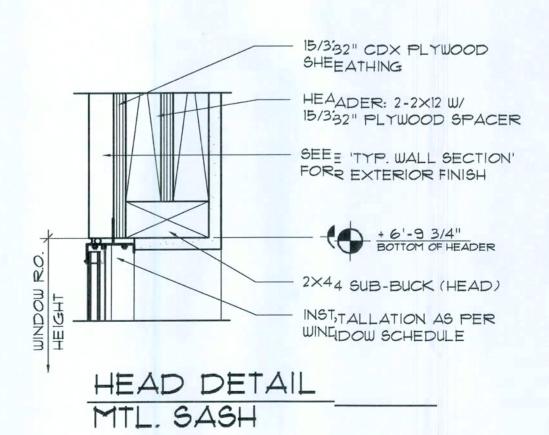
Rear ELEYATION

SCALE 1/4" = 1'-0"

SCALE: 3" = 1'-0"

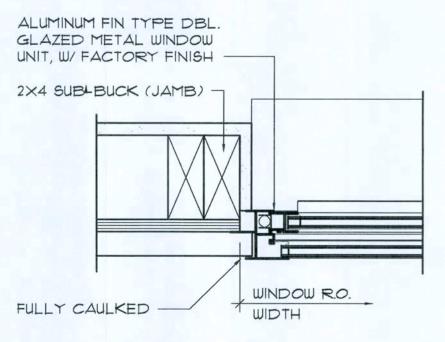
EXTERIOR DOORS SHALL MEET COR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

SERIES ENTERGY 6-8 W/E INSWING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEEL 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



JAMB DETAILS MTL. SASH

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

GLASS-SEAL AR ELITE GLASS-SEAL AR HERITAGE 30 AR

HERITAGE 40 AR

2007 FLORIDA BUILDING CODE

Compliance Summary

Roof: Gable End Roof Construction, Wood Trusses @ 24" O

Floor: 4" Thk Concrete Slab W/ Fibermesh Concrete Additive

Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing

Fasteners: 8d Common Nails @ 6" O.C. Edges & 12" O.C. Interior Dragstrut: Double Top Plate (S.Y.P.) W/16d Nails @ 12" O.C.

Corner Hold-down Device: (1) HD5a @ each corner W/ 5/8" A.B.

Footing: 24"x12" W/2-#5 Bars Cont. ON WIRE CHAIRS @ 36" O.C.

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2007 EDITION.

COMPONENTS & CLADING PER TABLES | OP'NGS: + 21.8 / - 29.1 PSF

110 MPH

1 = 1.00

+/- 0.18

"B"

CATAGORY II

ROOF: - 23.1 PSF

WALLS: + 26.6 PSF EAVES: - 32.3 PSF

EAVES: - 63.3 PSF

ROOF: + 19.9 / - 25.5 PSF

Wall Tension: Wall Sheath'g Nailing is Adequate - 8d @ 6" O.C. Top & Bot.

TYPE OF CONSTRUCTION

ROOF DECKING

SHEARWALLS

Walls: 2x4 Wood Stude @ 16" O.C.

Foundation: Continuous Footer/Stem Wall

Material: 15/32" CD Plywood or 7/16" O.S.B.

Fasteners: See Nail Pattern Detail, this Sheet

Material: 15/32" CD Plywood or 7/16" O.S.B. Sheet Size: 48"x96" Sheets Placed Vertical

Truss Anchors: "SIMPSON" HI6 @ Ea. Truss End

Stemwall: 8" C.M.U. W/I-#5 Vertical Dowel @ 48" O.C.

Wall Studs: 2x4 Hem Fir Studs @ 16" O.C.

Anchor Bolts: 1/2" A307 Bolts @ 48" O.C.

HURRICANE UPLIFT CONNECTORS

FOOTINGS AND FOUNDATIONS

BASIC WIND SPEED

BUILDING CATAGORY

DESIGN WIND PRESSURES:

DESIGN WIND PRESSURES:

1609.2B \$ 1609.2C (FBC 2004)

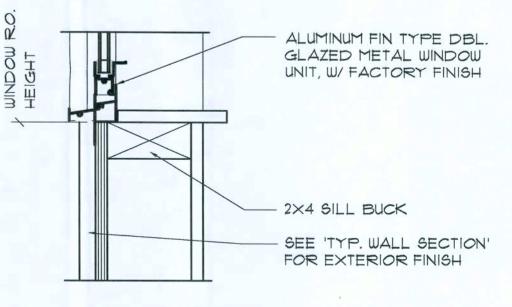
WIND EXPOSURE:

WIND IMPORTANCE FACTOR (1):

INTERNAL PRESSURE COEFFICIENT:

MWFRS PER TABLE 1609.2A (FBC 2004)

HERITAGE 50 AR THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE I MODIFIED TO 110 MPH WINDS & FBC TAS 100, USING 4 NAILS/SHINGLE



SILL DETAIL MTL. SASH

Typ. Window DETAILS

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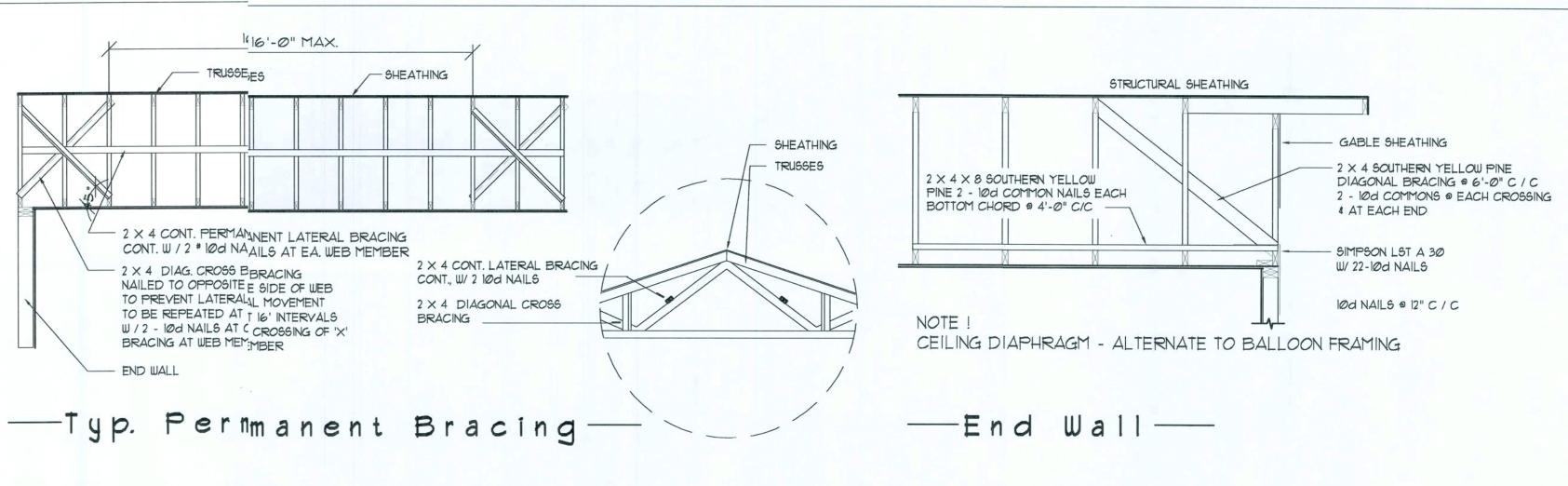
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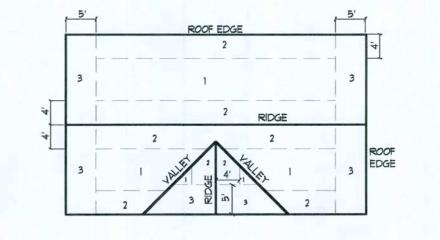


1/truss Bracing DETAILS

SCALE : NONE

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

F	ROOF SHEA	ATHINGS FAS	TENINGS
NAILING ZONE	SHEATHING TYPE	FASTEIENER	SPACING
1		8d COMMUMON OR 8d HOT F DIPPED	6 in. o.c. EDGE 12 in. o.c. FIELD
2	1/16 " 0.5B. OR 15/32 CDX	BOX N. NAILS	4 in. o.c. EDGE 8 in. o.c. FIELD
3		IOD CONTIMON OR IOD HOT IT DIPPED GALVANANIZED BOX N. NAILS	4 in. o.c. @ GABLE ENDWALI OR GABLE TRU96 4 in. o.c. EDGE 8 in. o.c. FIELD



ROOF SHEATHING NAILING ZONES (GABLE ROOF)

CONT. RIDGE VENT AS PER "GAF" "COBRA RIGID RIDGE VENT II" W/ SHINGLE COVERING SHINGLE ROOFING AS PER SCHEDULE ON PLANS - SEE ROOFING NOTES 1/2" CDX PLYWOOD OR 1/16" O.S.B. SHEATHING AS PER NAILING SCHEDULE ON PLANS FRAMING AS PER ROOF FRAMING PLAN (TRUSSES OR LUMBER)

AREA OF REQ'D L.F. NET FREE OF VENT AREA OF 1600 SF 410 SQ.IN 1900 SF 24 LF 490 SQ.IN 2200 SF 28 LF 570 SQ.IN. 2500 SF 32 LF 650 SQ.IN 2800 SF 36 LF 730 SQ.IN. 3100 SF 40 LF 820 SQ.IN. 3600 SF 44 LF 900 SQ.IN.

MIAMI/DADE PRODUCT APPROVAL REPORT: *98-0713.05

Ridge Vent DETAIL

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

Roof Nail Pattern DETAIL

SCALE: NONE

SHEATH ROOF W/ 15/32" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d NAILS - AS PER DETAIL ON THIS SHEET

NOTE! THE DESIGN WIND SPEED FOR THIS PROJECT IS 110 MPH PER FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

SHOP DWG COORDINATION: THE TRUSS ANCHOR STRAPS AS INDICATED IN THE CONSTRUCTION DOCUMENTS ARE SUGGESTED STRAPS AND THAT THE TRUSS ENGINEERED SHOP DRAWING LOADS TAKE PRECEDENCE OVER THAT INDICATED IN THE CONSTRUCTION DOCUMENTS THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRAWINGS MAY BE MATCHED TO STANDARD PRODUCT UPLIFT RATINGS FOR COMPARABLE UPLIFT CONNECTORS, AND THAT THE PRODUCTS THAT PROVIDE EQUAL OR GREATER UPLIFT RESISTANCE FOR THE LISTED LOADS

MAY BE USED IN LIEU OF THOSE INDICATED IN THE CONSTRUCTION DOCUMENTS

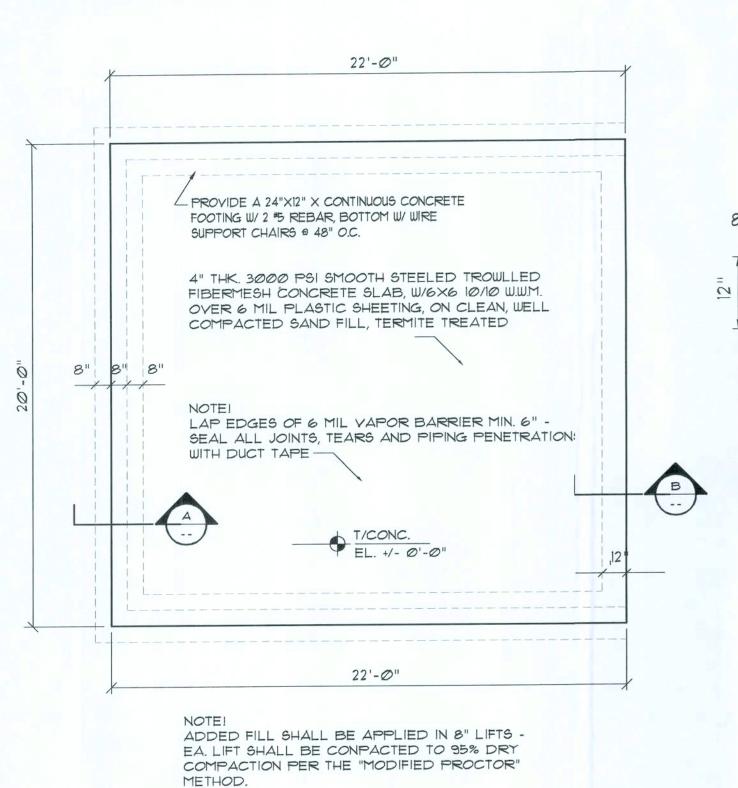
SCALE 1/4" = 1'-0"

OR AS APPROVED BY THE BUILDING OFFICIAL.

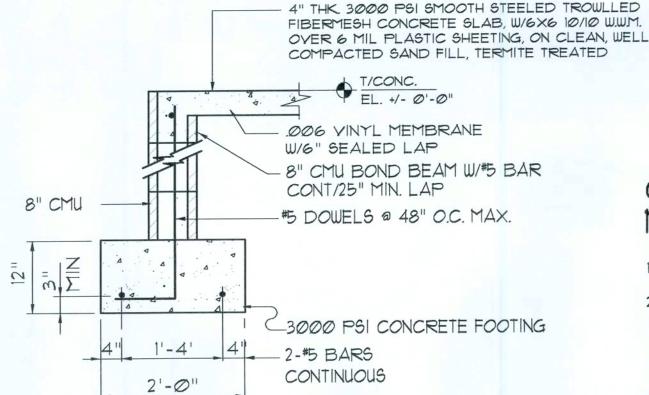
Roof Framing PLAN

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. SOME OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS OR GREATER.

TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACIT THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

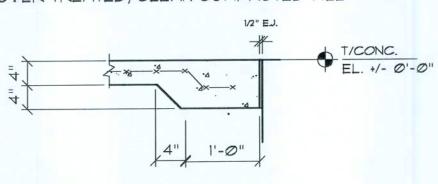


NOTE: ASSUMED SOIL BEARING CAPACITY 1000PSF





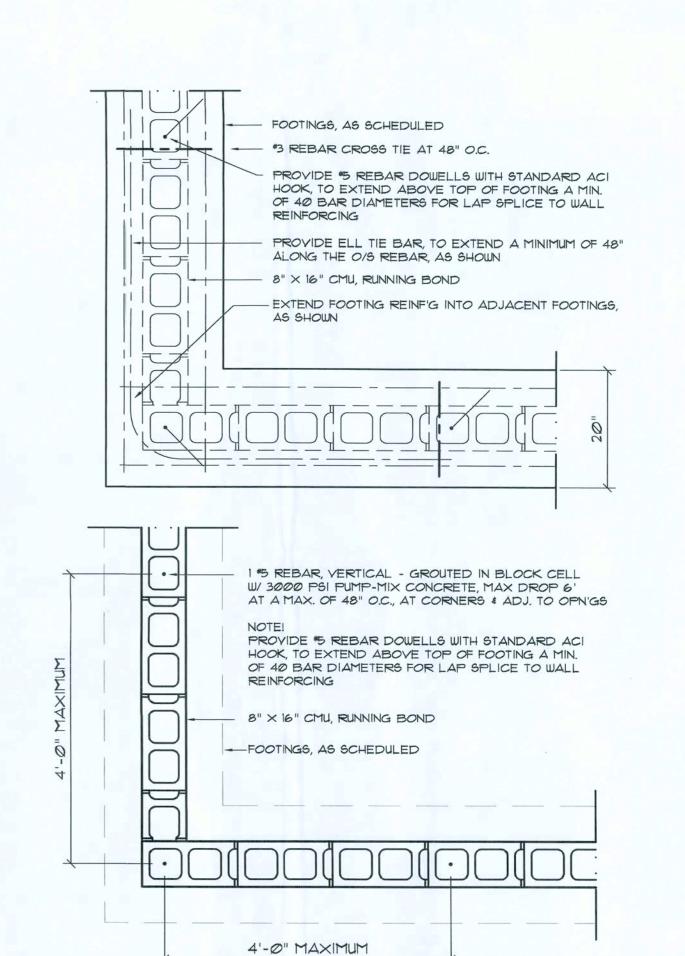
4" THK. 3000 PSI CONCRETE SLAB W/ FIBERMESH CONCRETE ADDITIVE, OVER TREATED, CLEAN COMPACTED FILL



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

CONCRETE / MASONRY / MEETALS GENERAL NOTES:

- 1. DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- 2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- 3. 'CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 8" LIFTS. BOTH SUB-SOIL AND FILL COMPAC-TION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIRE-MENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- 5. | WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIRE-MENTS OF ASTM A185 - MIN. YEILD STRESS = 85 KSI.
- 6. CONCRETE SHALL BE STANDARD MIX F'C = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'C = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACE-MENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH -F'm = 1500 PSI.
- 8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- 9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- 10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.



Wall/Found. Reinf'g DETAIL

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

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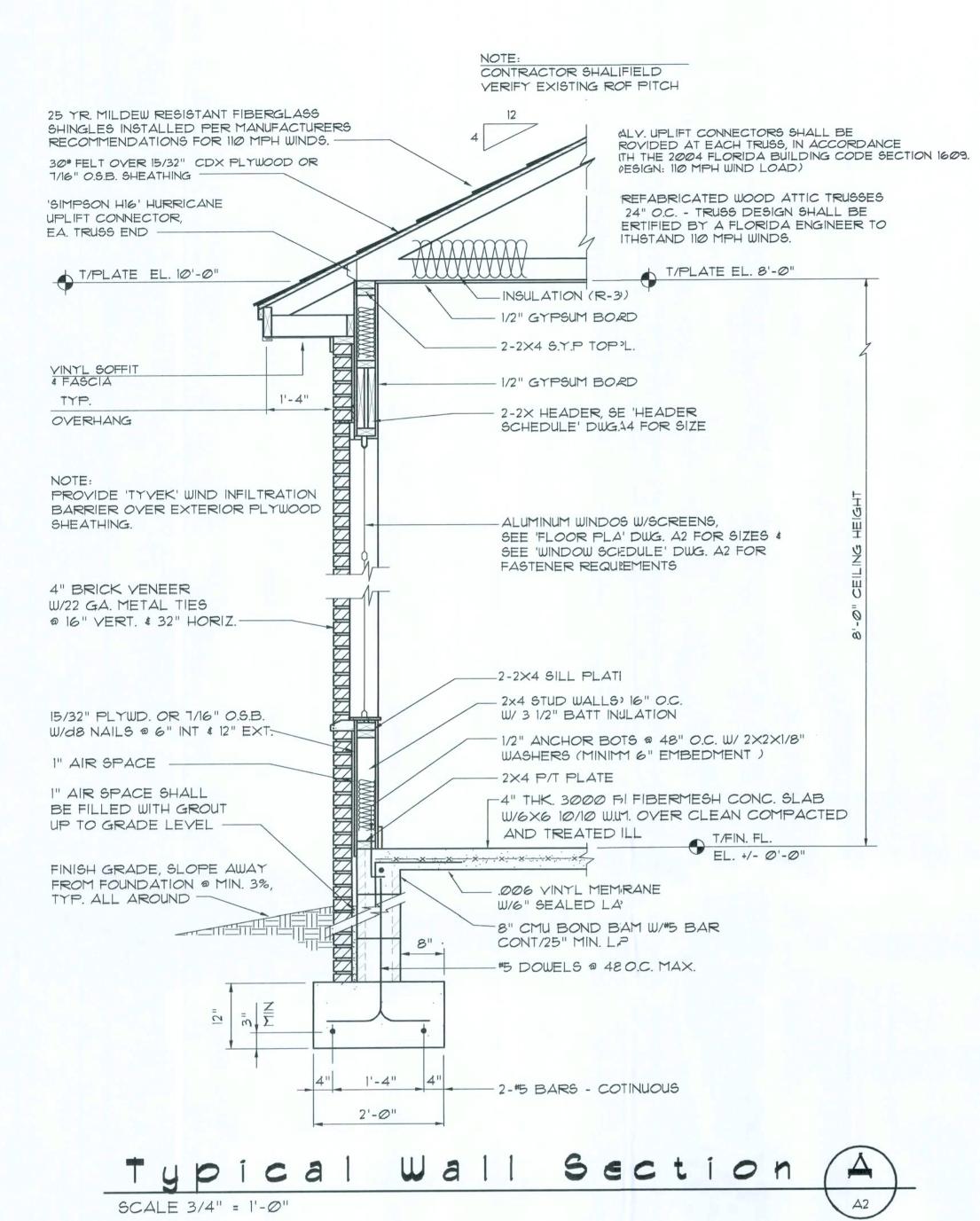
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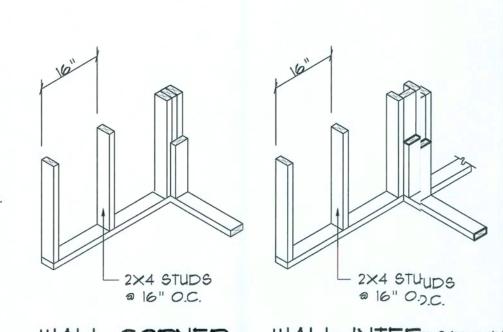
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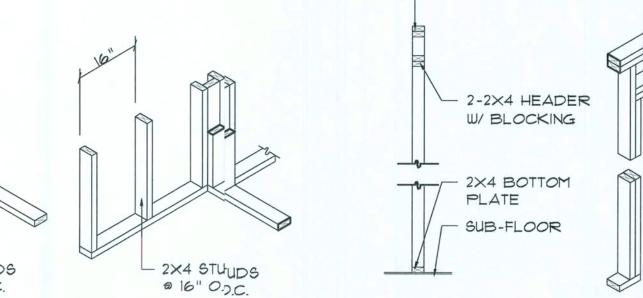
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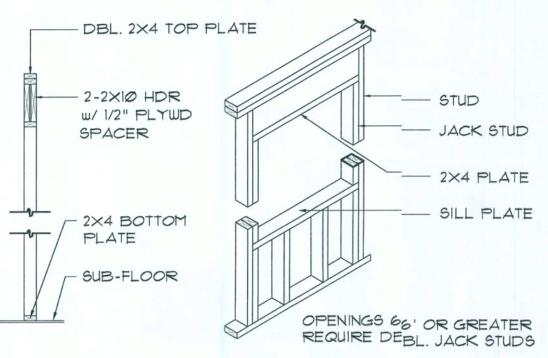
Foundation PLAN SCALE 1/4" = 1'-0"

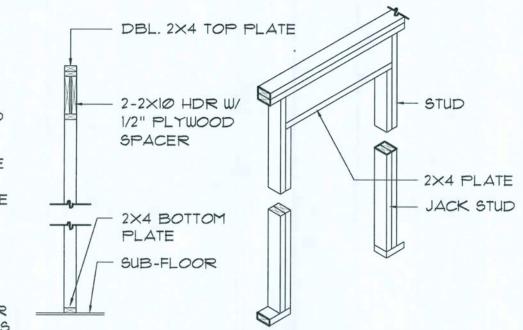






WALL INTERRSECTION WALL CORNER NON-BEARING WALL HEADER





BEARING WALL HEADER

DBL. 2X4 TOP PLATE

- STUD

NOTE: ALL INTERIOR DOOR OPENINGS SHOULD BE

FRAMED 2" WIDER THAN

THEIR SPECIFIED SIZE.

JACK STUD

- 2-2×4 HDR

W/ BLOCK'G

Wall Framing/Header DETAILS SCALE: NONE

TRUSS TO TOP PLATE

TYPICAL WINDOW HEADER

FIREBLOCKING NOTES:

SCALE: NONE

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 HORIZONTA 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.



NONCOMBUSTIBLE FIREBLOCK 2x SCAB TO ADD 2x FIREBL(LOCK REDUCE OPENING CUT BETWEEN STUDS SOFFIT/DROPPEED CLG. PENETRATIONS

WOOD STRUCTURAL NOTES

- 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
- 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.

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF'R/MODEL	CAP.
TRUSS TO WALL: (INT. ZONE) TRUSS TO WALL: (EXT. ZONE)	SIMPSON HIG, W/6 - 100 NAILS SIMPSON HIG, W/6 - 100 NAILS	1470# 1470#
GIRDER TRUSS TO POST/HEADER: HEADER TO KING STUD(S): PLATE TO STUD: STUD TO SILL: MISC. JOINTS	SIMPSON LGT, W/ 28 - 16d NAILS SIMPSON ST22 SIMPSON SP2 SIMPSON SP1 SIMPSON A34	1785# 137@# 1065# 585# 315#/24@#

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.

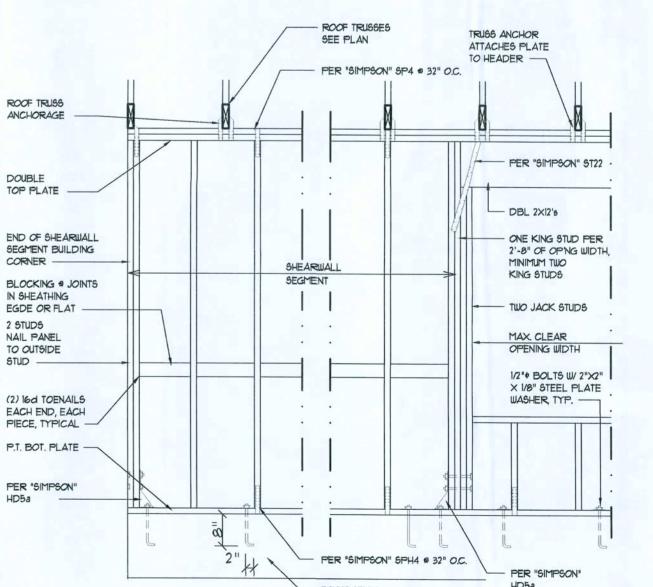
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

"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

HEADER	RSPANS	FOR E	XIERIC	R BE	ARING L	UALLS		
			В	UILDING	WIDTH (F	T)		
HEADERS	HEADER		20'		28'		36'	
SUPPORTING:	SIZE	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	10'-7"	2	9'-5"	2	



1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS

- AS DEFINED BY STD 10-91 SBBCI 305.43. 2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/2" O.S.B. OR 1/2" CDX PLYWD. INCLUDING AREAS ABOVE AND BELOW
- 3. 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
6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3

Shear Wall DETAILS

SCALE: NONE

DRAWN: DJR

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