

SOFTPIAN ARCHITEC: RAL DESIGN SOFTWARE

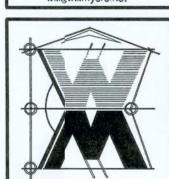
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NICHOLAS PAUL GEISLER ARCHITECT

JOINT VENTURED WITH

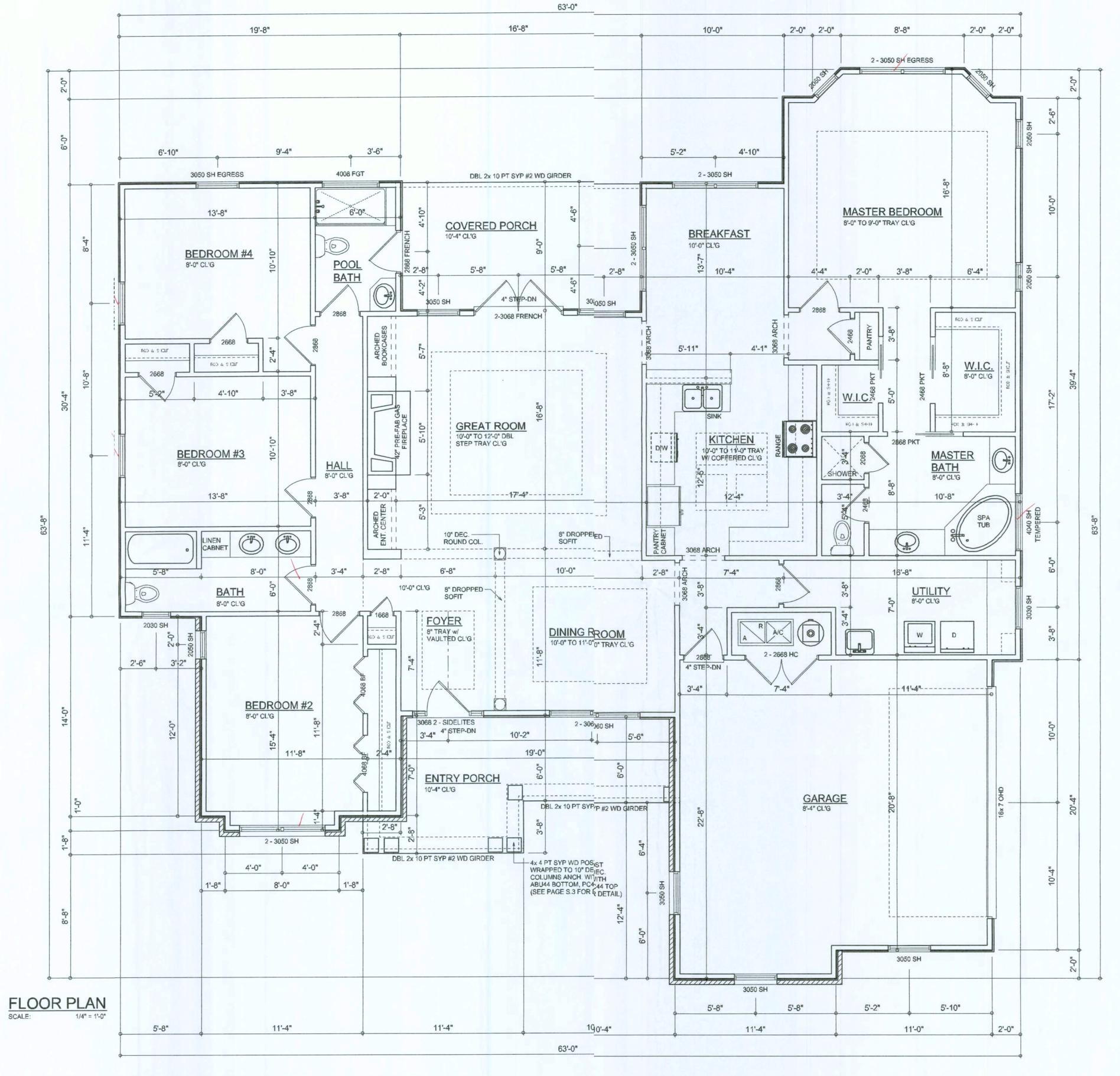
OWILLIAM MYERS CESIGN P.(. BOX 1513 LAKE SITY, FL 32056 (386) 758-8406 will@willmyers.net



JOBNUMBER 070109

SHEET NUMBER

A.2



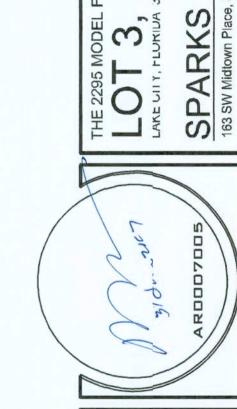
Garage fire separations shall comply with the following:

1. The private garage shall be separated from the dwelling unit and its attic area by means of a minimum ½-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch Type X gypsum board or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors, or solid or honeycomb core steel doors not less than 13/8 inches (34.9 mm) thick, or doors in compliance with Section 715.3.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted.

- Ducts in a private garage and ducts penetrating the walls or ceilings separating the dwelling unit from the garage shall be constructed of a minimum 0.019-inch (0.48 mm) sheet steel and shall have no openings into the garage.
- A separation is not required between a Group R-3 and U carport provided the carport is entirely open on two or more sides and there are not enclosed areas above.
- 4. When installing an attic access and/or pull-down stair unit in the garage, devise shall have a minimum 20 min. fire rating.

REVISIONS	January 30, 2007			
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CONSTRUCTION ME,



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AREA SUMMARY

2295 S.F.

475 S.F.

153 S.F.

150 S.F.

3073 S.F.

LIVING AREA

GARAGE AREA

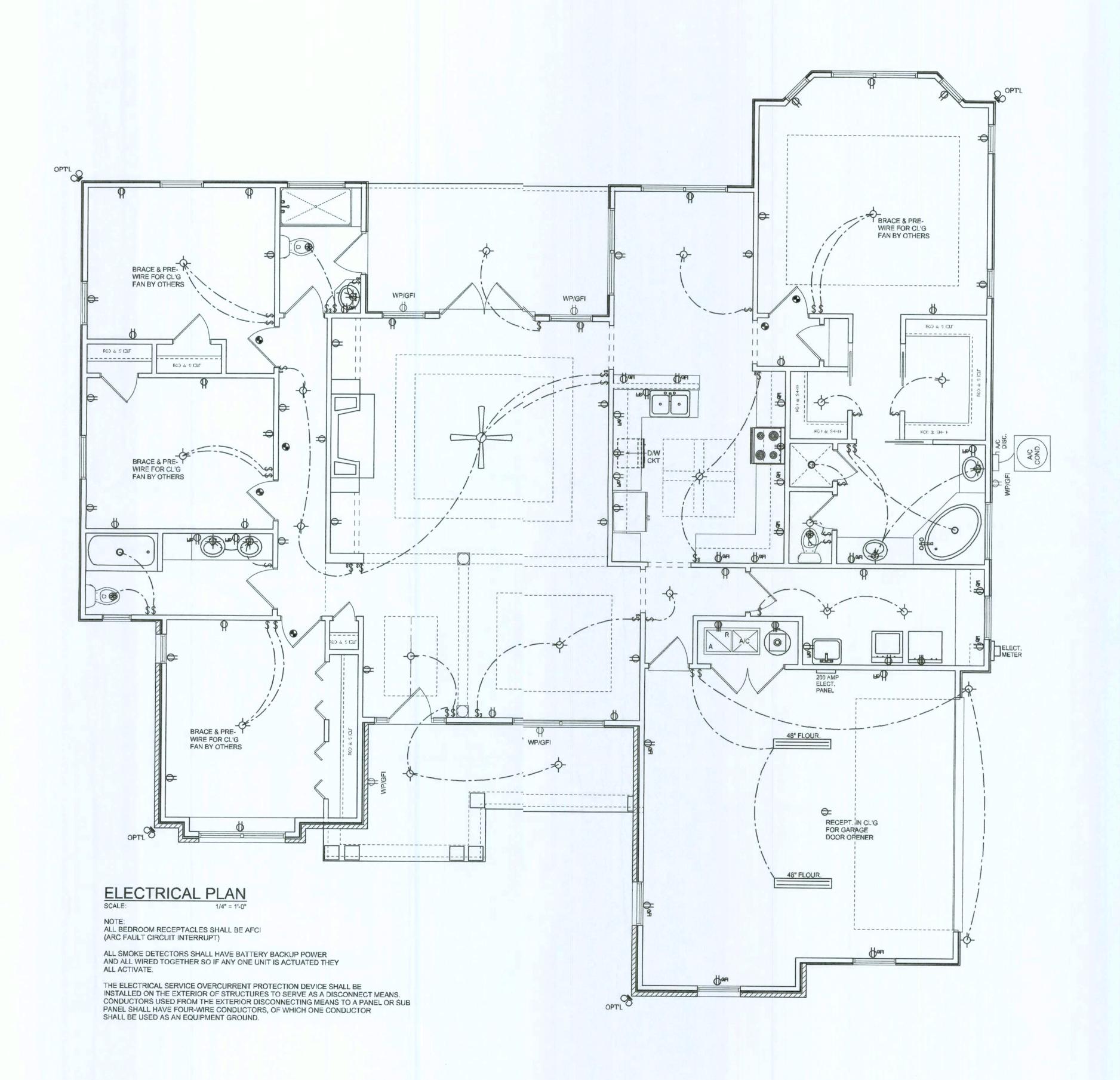
TOTAL AREA

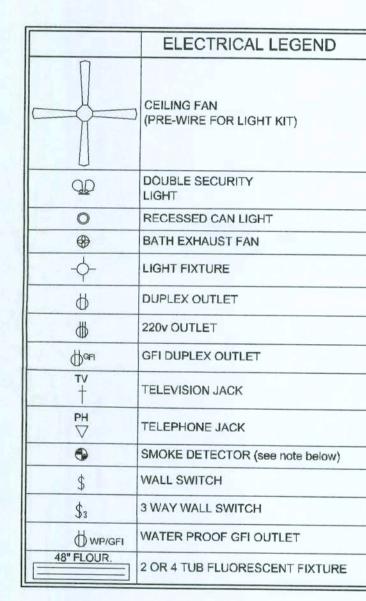
ENTRY PORCH AREA

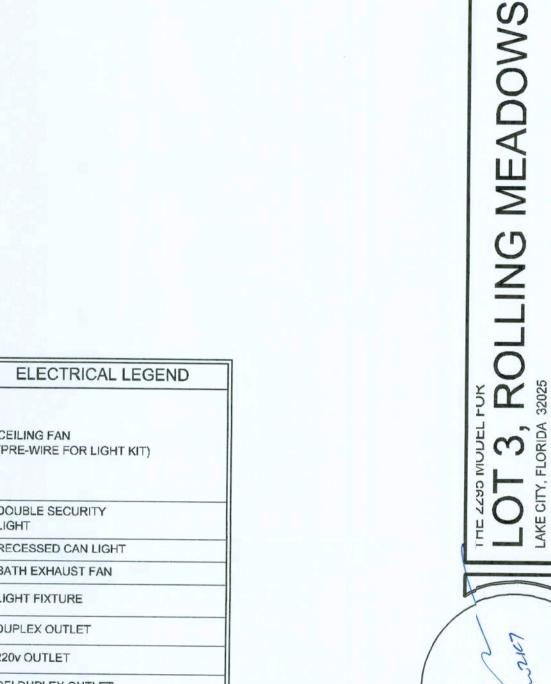
COVERED PORCH AREA

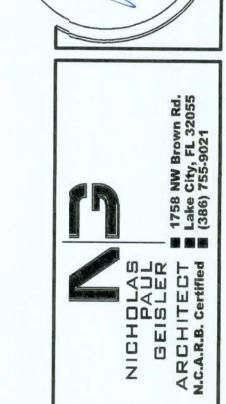
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CONSTRUCTION
Suite 105, Lake City, Florida 32025

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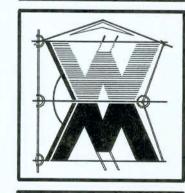
DESIGN

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LAKE CITY, FL 32056

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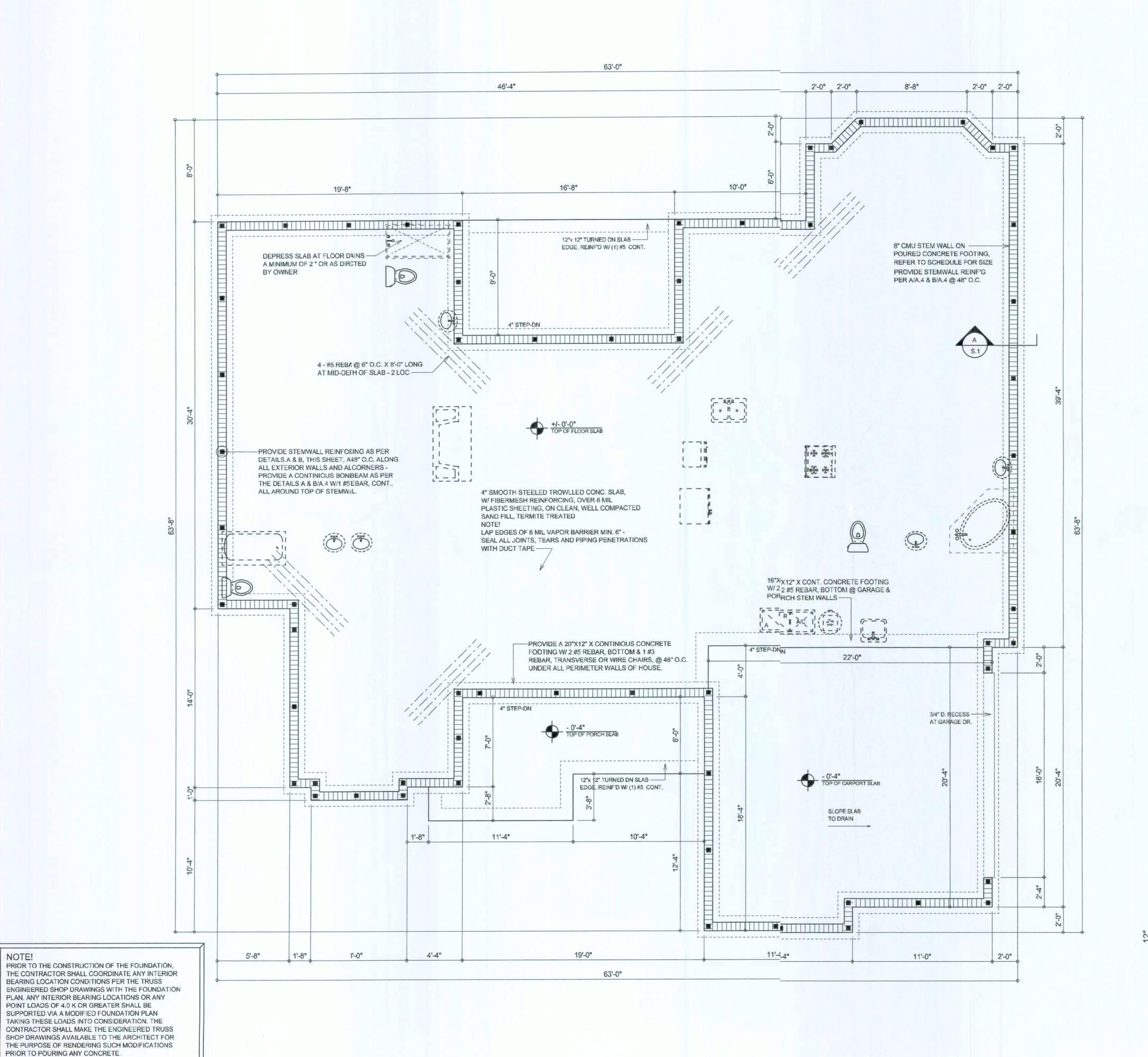
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JOB NUMBER 070109

A.4
OF 9 SHEETS

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PRIOR TO POURING ANY CONCRETE.

CONCRETE / MASONRY / METALS GENERAL NOTES:

- 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.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" 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.
- 4. 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.
- 7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH -F'm = 1500 PSI.
- 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 A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- 10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 11. 2X4 P/T WOOD SILL, CONT., ALL AROUND, W/ 5/8"~ A.B. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 6" FROM EACH CORNER, EA. WAY, & WITHIN 6" FROM ALL WALL OPENINGS / ENDS - 1/2"~ A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C., MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.

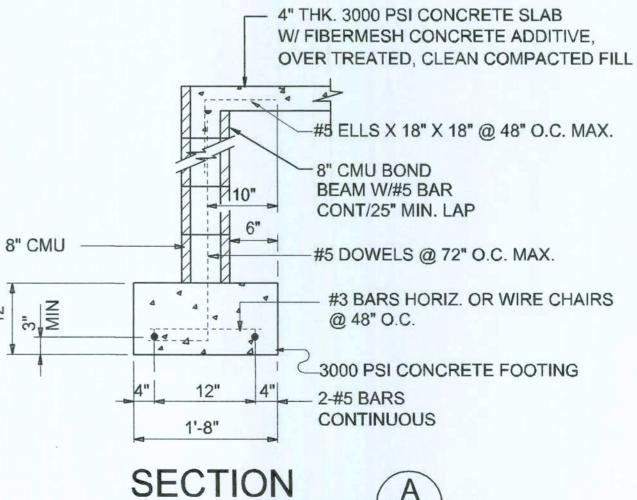
THE DESIGN WIND SPEED FOR THIS PROJECT IS 110 MPH PER 2004 FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

ADDED FILL SHALL BE APPLIED IN 8" LIFTS -EA. LIFT SHALL BE CONPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR"

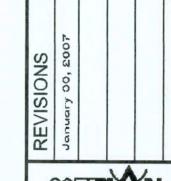
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONT'R SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONT'R SHALL PROVIDE 1 COPY OF AS-BUILT DWGS

TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

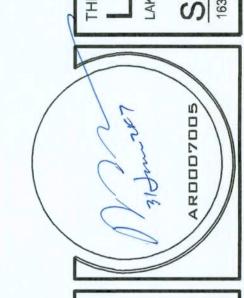


SCALE: 3/4" = 1'-0



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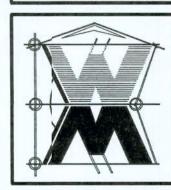


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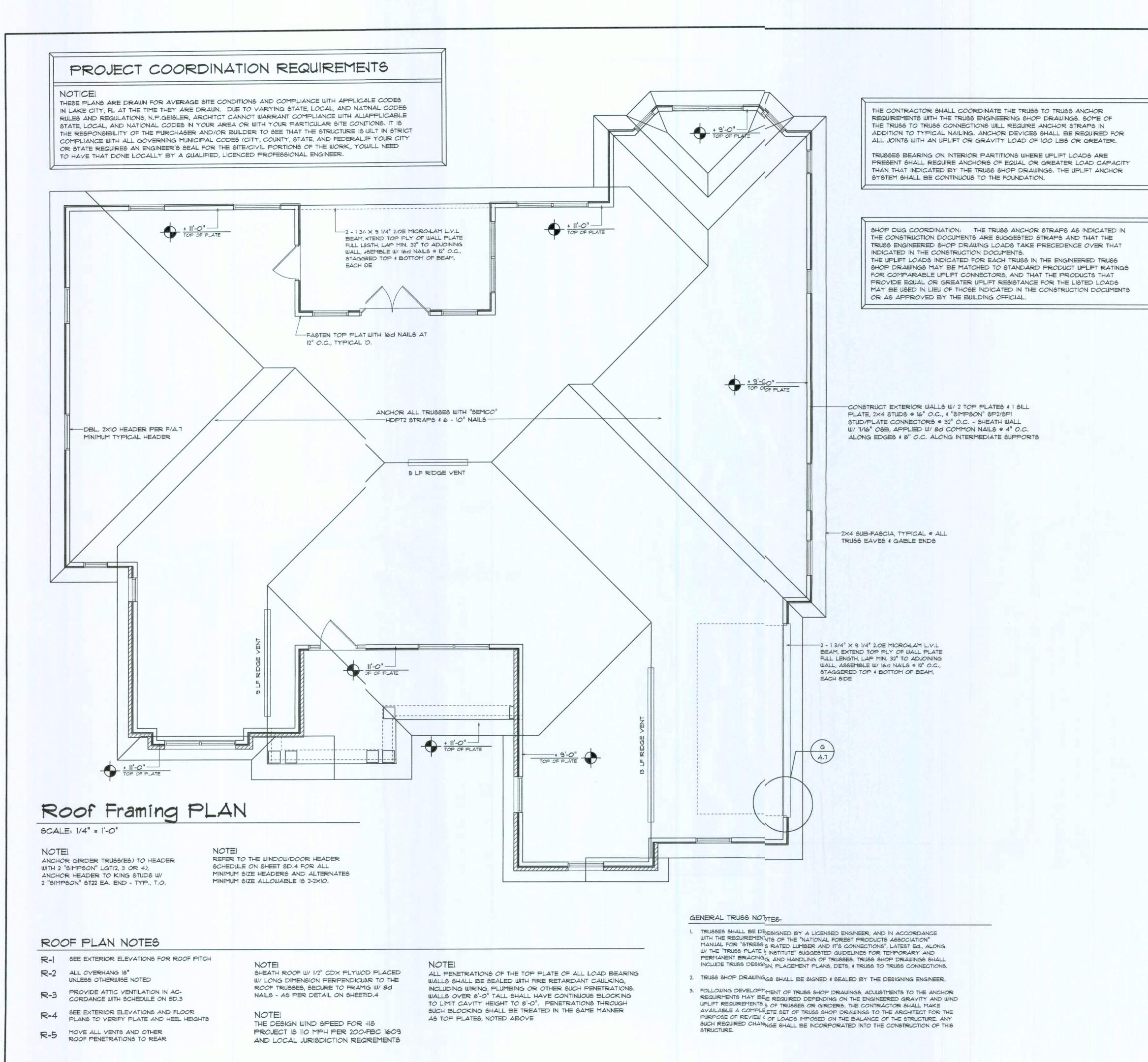
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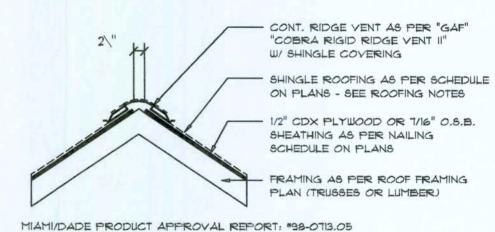
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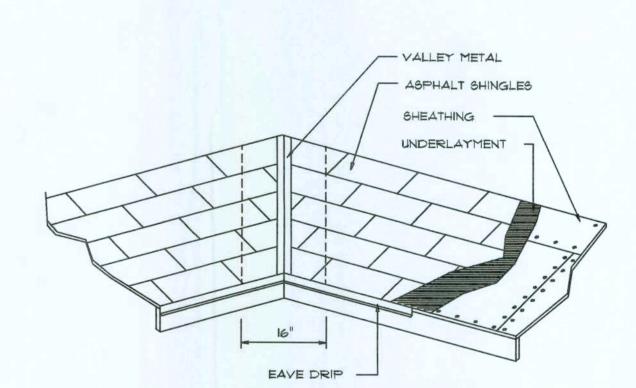


WOOD STRUCTURAL NOTES

- 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 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-

AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 5Q.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.



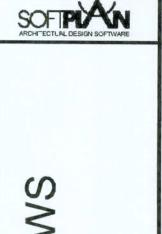


VALLEY FLASHING

	ESS REQUIREMENTS		
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	PTIO.0	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

Roofing/Flashing DETS.

SCALE: NONE



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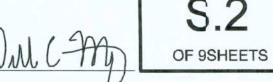
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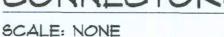
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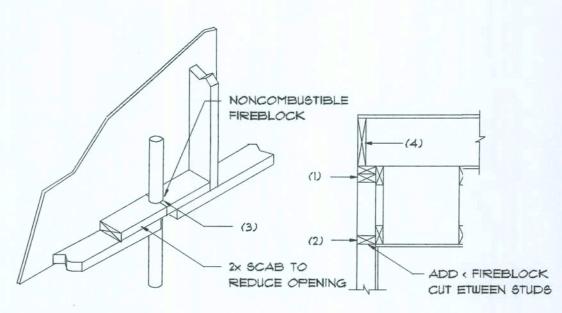


JOB NUMBER 070109

SHEET NUMBER







PENETRATIONS

SOFFIT/DROPED CLG.

FIREBLOCKING NOTES

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

- I. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLOING FURRED SPACES AT CEILING AND FLOOR LEVELS.
- 2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AD HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CILINGS, ETC.
- 3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIEPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPANEL MULTIFLEX SEAANT"
- 4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL SID WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY A 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:

- 1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORRK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
- 2. THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARZ-RANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWINER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORRK-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 EBE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE: COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PUREE. POSE OF DETERMINING ANY WARRANTY WORK THAT MAY BEE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING TITHIS 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" PRIGOR TO THE BEGINNING THE THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF,E LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
- 6. ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATEDD WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVUED THROUGH BINDING ARBITRATION.
- 1. ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODDES 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 ARCHITEIECT 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-1-PLIANCE WITH "UL Design U333", BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATEED FROM HEATED / COOLED AREA.
- II. INTERIOR STUD WALLS SEPARATING LIVING AREA FROM GARQ-AGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING R-II BATT INSULATION.
- 12. CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECODE "C" GWB ON IX3 WOGOD FURRING AT 16" O.C., ATTACHED W/ 1 1/4" BUGLEHEAD SCREWING 9 6" O.C. ALONG EACH POINT OF BEARING.

PROJECT INFORMATION / NOTES:

DESIGN VALUES/LOADS & CODES

WIND DESIGN SPEED: 120 MPH, UNLESS NOTED OTHERWISE

SOIL DESIGN STATEMENT: FOOTING DESIGN IS BASED UPON 1000PSF SOIL BEARING PRESSIGNE PRO-VIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDIDITIONS ie: CLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOOILS SHALL REQUIRE FOUNDATION MODIFACATIONS.

LIVE LOADS: let FLOOR: 40PSF, 2nd FLOOR: 40PSF, ROOF: AS DISTERMINED BY SHAPE FACTORS APPLIED TO THE WIND FORCE GENERATED EBY THE DESIGN WIND SPEED.

BUILDING CODE: 2001 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. AANY DIS-CREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TOO 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 ITIEMS. 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 PLAANS WITHOUT CONSULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANNY 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 WIJOOD 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 EPA-REGISTERED PESTICIDE CONTAINING INORGANIC ARSENIC TO PROOTECT IT FROM INSECT ATTACK AND DECAY. EXPOSURE TO TREATED WOODD MAY PRESENT CERTAIN HAZARDS, THEREFORE, PRECAUTIONS SHOULD I BE TAKEN BOTH WHEN HANDLING THE TREATED WOOD AND IN DETERMINING I WHERE TO USE OR DISPOSE OF THE TREATED WOOD.

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

HARDWARE RETIGHTENING REQUIREMENTS

ALL LAG SCREW AND BOLT CONNECTIONS ON COMPOUND BEAMS, POSTS. GIRDERS, TIMBER TRUSSES AND OTHER STRUCTURAL MEMBERS TOO BE INSPECTED PERIODICALLY AND RETIGHTENED AS NECESSARY.

FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Hip Construction, Wood Trusses € 24" O.C. Walls: 2x4 Wood Stude @ 16" O.C.

Floor: 4" Thk. Concrete Slab W/ Fibermesh Concrete Additive Foundation: Continuous Footer/Stem Wall

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 Nalls per schedule on sheet 3D.2

SHEARWALLS

Material: 7/16" O.S.B. "WindSTORM": 48" × 97", 109", 121" OR 145" Sheet Size:48"x97" (109", 121" OR 145") Sheets Placed Vertical Fasteners: 8d Common Nalls @ 4" O.C. Edges & 8" O.C. Interior Dragetrut: Double Top Plate (S.Y.P.) W/16d Nails @ 12" O.C. Wall Stude: 2x4 SPF Stude @ 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 THRU-BOLTS @ 64" O.C. - 1st Bolt 8" from corner Corner Hold-down Device(1) Anchor THRU-BOLT Porch Column Base Connecto6 impson ABU44/ABU66 @ each column Porch Column to Beam Connectobimpeon EPC44/PC44 @ each column

FOOTINGS AND FOUNDATIONS

Footing: 20"x12" Cont. W/2-#5 Bars Cont. 4 1-#3 Transverse @ 24" O.C. Stemmall: 8" C.M.U. W/1-#5 Vertical Dowel @ 48" O.C.

BASIC WIND SPEED:	IIO MPH
WIND IMPORTANCE FACTOR (I):	I = 1.00
BUILDING CATAGORY:	CATAGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MWFRS PER TABLE 1609.2A (FBC 2004)	
DESIGN WIND PRESSURES:	WALLS: + 26.6 PSF EAVES: - 32.3 PSF
COMPONENTS & CLADING PER TABLES	OP'NGS: + 21.8 / - 29.1 PSF
1609.2B # 1609.2C (FBC 2004) DESIGN WIND PRESSURES:	EAVES: - 68.3 PSF ROOF: + 19.9 / - 25.5 PSF

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 104.2.6
- 2. CONDENSATE AND ROOF DOWNSPOUTS 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 I'-O" FROM BUILDING SIDE WALLS.
- 4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH 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 1403.1.6
- 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 INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2
- 7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1816.1.3
- 8. MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RET-ARDER PLACEMENT, RETREATMENT 16 REQUIRED. FBC 1816.1.4
- 9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5 IO. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN I'-O" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6
- 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 1816.1.6
- 12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7
- 13. A CERTIFICATE OF COMPLIANCE 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'-O" OF THE BUILDING, THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
- 15. NO WOOD, YEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF'R/MODEL	CAP,
TRUSS TO WALL:	SIMPSON H2.5a	535*
GIRDER TRUSS TO POST/HEAD	DERSIMPSON LGT, W/ 28 - 16d N	All STAS*
HEADER TO KING STUDIS):	SIMPSON ST22	1370#
PLATE TO FOUNDATION:	5/8"~ THRU-BOLT	3340*
PORCH BEAM TO POST:	SIMPSON PC44/EPC44	1700*
PORCH POST TO FND .:	SIMPSON ABU44	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. NOTE:

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

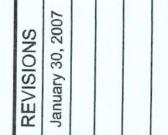
"SEMCO" PRODUCT APPROVAL: MIAMI/DADE COUNTY REPORT *95-0818.15

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

GENERAL NAILING SCHEDULE:

CONNE	CTION	COMMON NAILS	Nr. / SPACING
	ING TO JOIST, TOE NAIL	160	2 EA, END
	FLOOR TO JOIST,		
	ND & FACE NAILING PLATE TO JOIST OR BLOCKING	l6d	2
	E NAILED	16d	16" O.C.
TOP O	R SOLE PLATE TO STUD		10 0.0.
END	NAILED	160	2
STUD T	O SOLE PLATE, TOE NAILED	80	3 OR 2 16d
	E STUDS, FACE NAILED	160	24" O.C.
	E TOP PLATES, FACE NAILED LATES - LAPS & INTERSECTIONS	16d	16" O.C.
	E NAILED SHEATHING TO EACH POINT	16d	2
OF BEA	ARING, FACE NAILED P CORNER STUDS, FACE	8d	2
NAI		16d	30" O.C.
BUILT-U	P GIRDERS & BEAMS	20d	32" O.C. ®
			TOP & BOTTOM & STAGGERED - 2 @ EA. END & @ SPLICES
3/4" PL	YWOOD SUBFLOORING	8d	6" O.C. 9 EDGES
OSB SH	HEATHING, 1/16" THICK	8d	6" O.C EDGES
I/8" FIE	ERBOARD 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.



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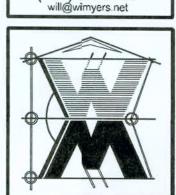
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JOINT VENTURED WITH

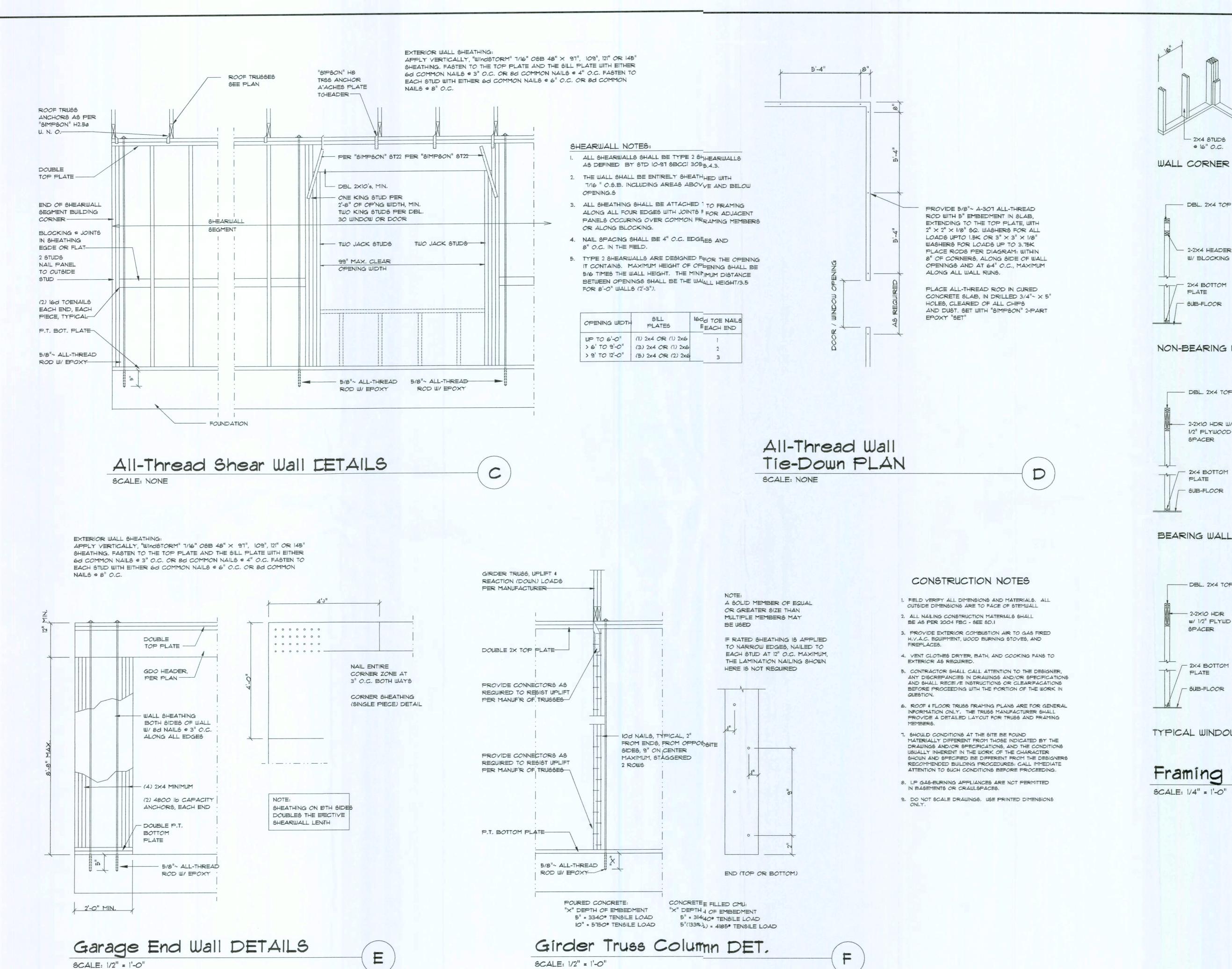
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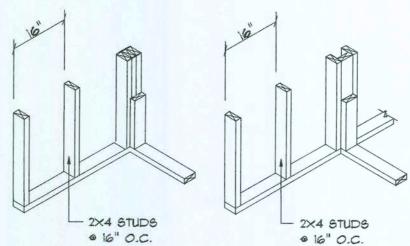


JOB NJMBER 070109

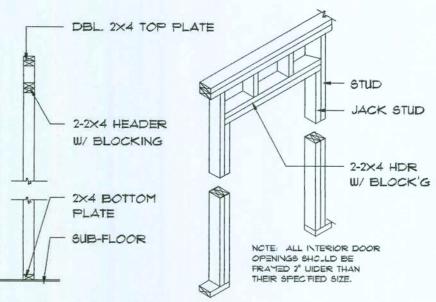
SHEETNUMBER

OF 9 \$HEETS

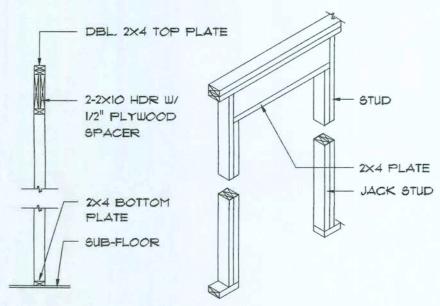




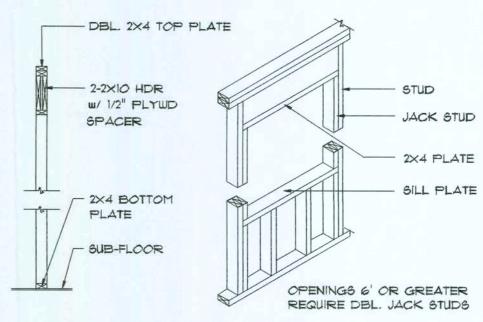
WALL INTERSECTION



NON-BEARING WALL HEADER



BEARING WALL HEADER



TYPICAL WINDOW HEADER





ME

OLLING 3 1



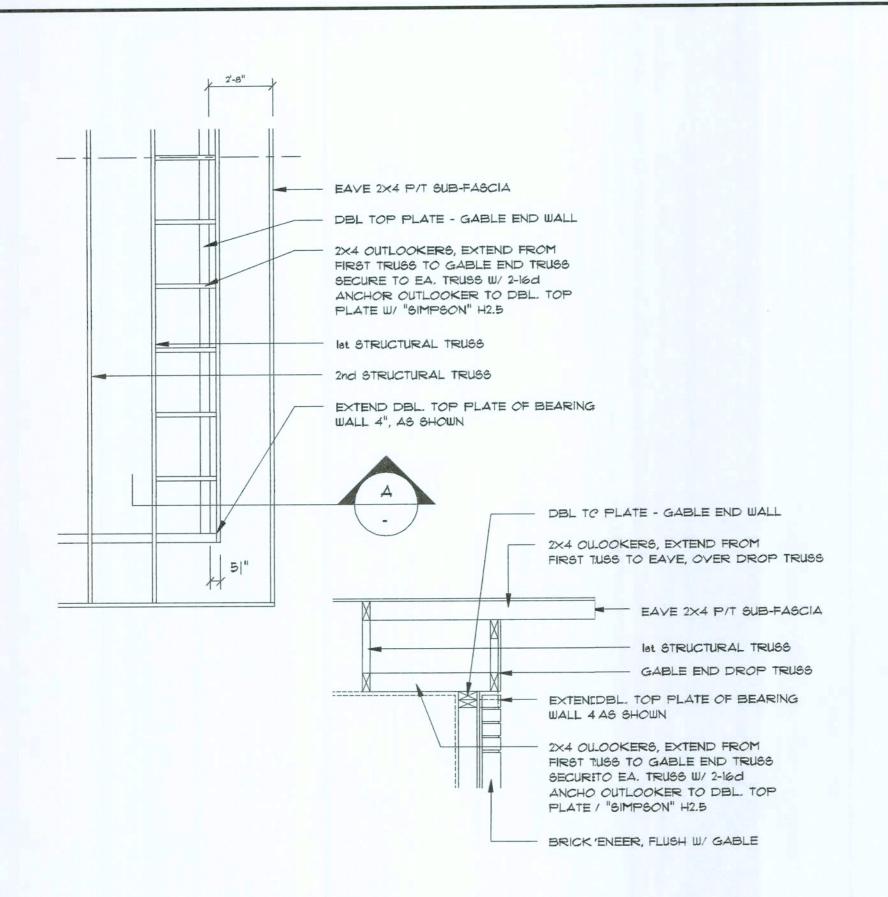
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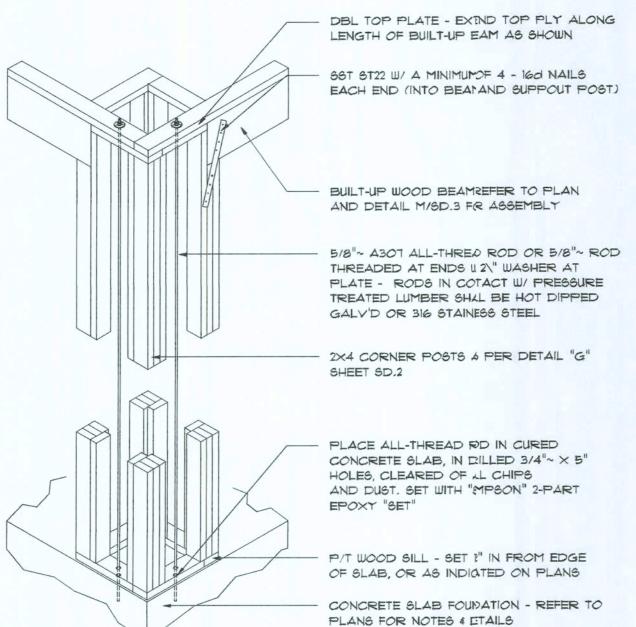


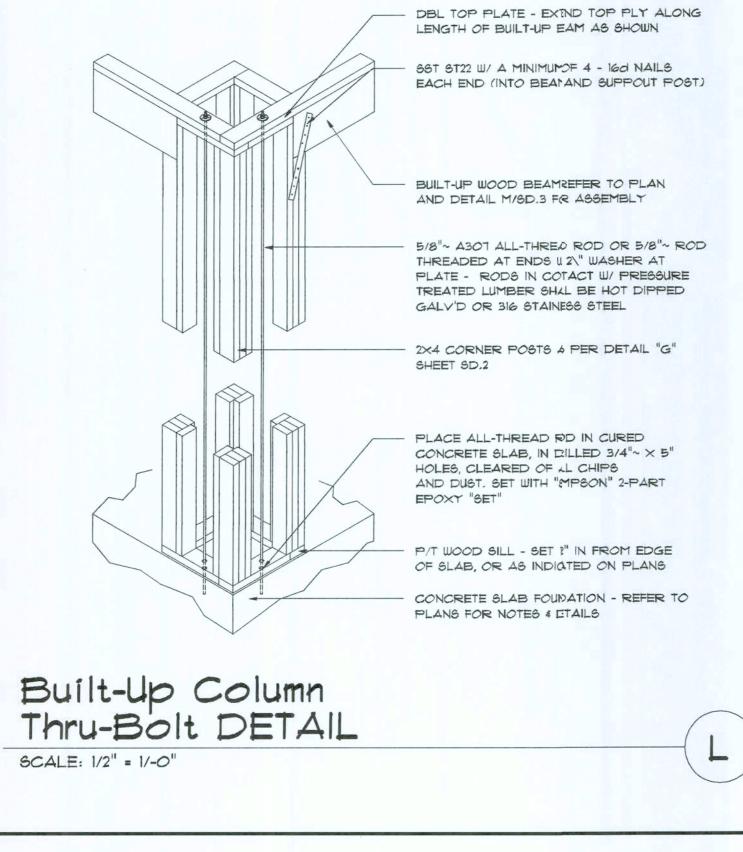
JOB NUMBER 070109

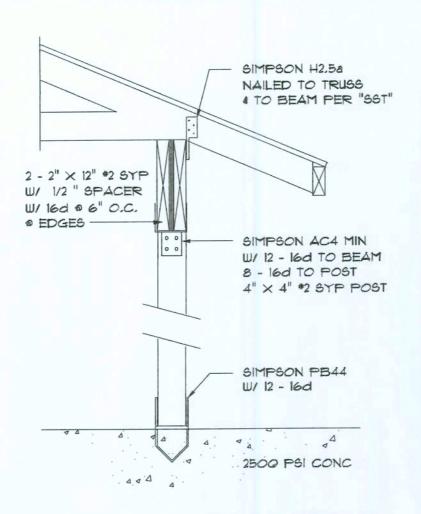
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SEE PLANS FOR ANCHOR VARIATIONS

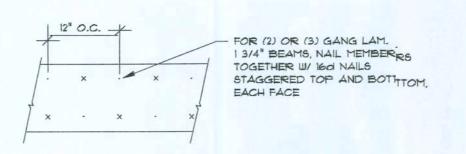
Post/Beam DETAIL. SCALE: 1" - 1'-0"

NAIL PLYWOOD FLITCH BEEAM TOGETHER W/ 16d NAILS STAGGERED TOP AND BISOTTOM, EACH FACE

WHERE BEAM SPAN IS GRREATER THAN 8'-O", CENTER 8'-O" " LONG PLYWOOD AT CENTER OF F BEAM SPAN. BUTT ADJACENT PLALYWOOD PIECES TIGHT TO CENTER & PIECE. STAGGER JOINTS AT BEATAMS WITH MORE THAN ONE PLYWOOOD PLATE

PLYWOOD FLITCH BEAM DETAIL

NOT TO SCALE



MULTIPLE GANG LAM. DETALL NOT TO SCALE

B/U Beam DETAILS

SCALE: NONE

SPACIONG	
6 In. o.c. c. EDGE 12 'n. o.c. c. FIELD	
6 in. o.c. 2. EDGE 6 in. o.c. 2. FIELD	
O.C. & GAFABLE ENDUALL OR GABLE E TRUAS	
6 in. o.c EDGE 6 in. o.c FIELD	
₹ POOF EDGE	5'
ROOF EDGE	5'
ROOF EDGE	
ROOF EDGE 2 1 1	
ROOF EDGE 2 3 1 2 RIDGE	
ROOF EDGE 2 3 1 2 RIDGE	

Roof Nail Pattern DET.

ROOF SHEATHING NAILING ZONES

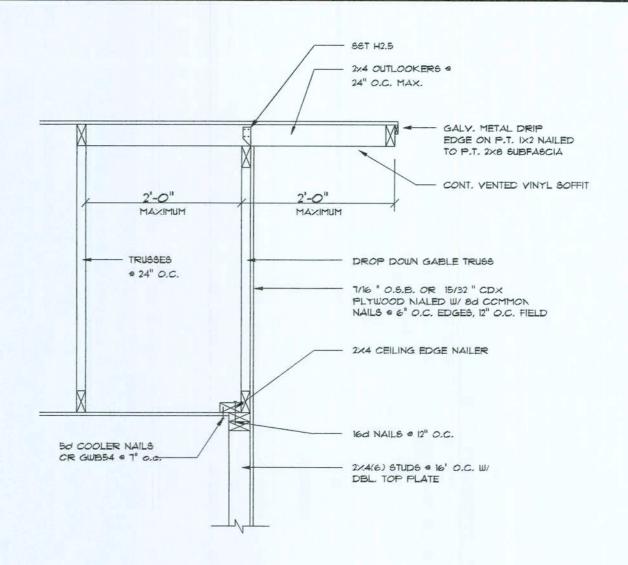
(HIP ROOF)

SCALE: NONE

N

ROOF SHEATHING NAILING ZONES

(GABLE ROOF)



Gable End DETAILS SCALE: NONE

SIMPSON STRONG TIE LSTA30 W/ 7-10d NAILS IN 2"X4" 7- 3/16 " DIA. X 2 1/4 " TAP CONS INTO MASONRY

GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE

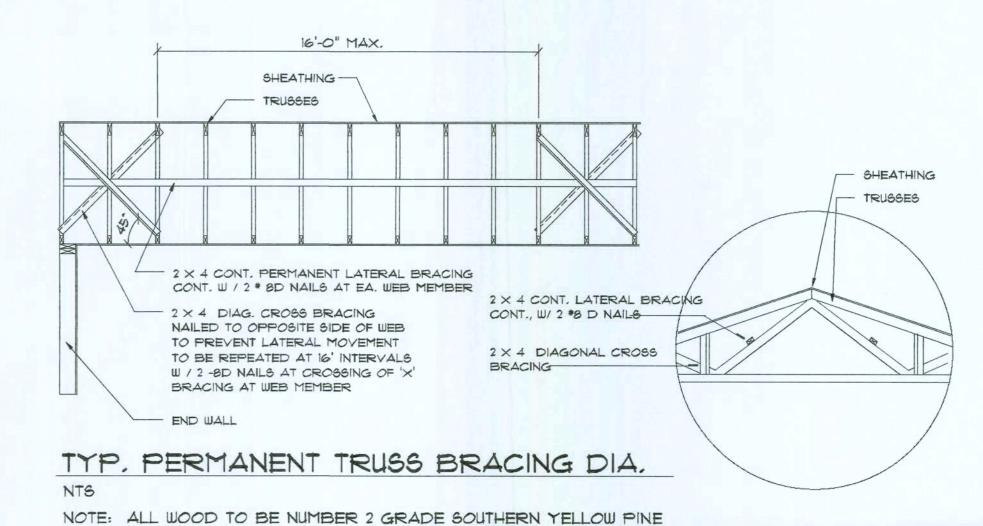


STRUCTURAL SHEATHING GABLE SHEATHING 2 × 4 SOUTHERN YELLOW PINE 2 × 4 × 8 SOUTHERN YELLOW DIAGONAL BRACING . 6'-0" C / C PINE 2 - 8D COMMON NAILS EACH 2 - 8D COMMONS @ EACH CROSSING BOTTOM CHORD @ 6'-0" C/C-& AT EACH END SIMPSON LST A 30 W/ 22-IOD NAILS IOD NAILS # 12" C / C

END WALL BRACING FOR CEILING DIAPHRAGM

(ALTERNATIVE TO BALLOON FRAMING)

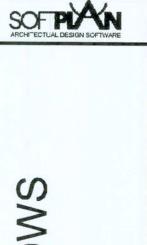
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE



Truss Bracing DETAILS

SCALE: AS NOTED





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NICHOLAS PAUL GEISLER ARCHITECT

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