



SOFTHAN ARCHITECTURAL DISIONS
ARCHITECTURAL DISION SOFTWARE

TYPICAL WALL SECTION
SCALE:

FRONT & REAR ELEVATIONS
SCALE:

1/4"=1'-0"

WESTFIELD CONSTRUCTION GROUP:

THE PRESERVES', LAKE CITY, FLORIDA 32025

PROJECT ADDRESS: LOT 110, 'THE PRESERVES', LAKE CITY, FLORIDA 32025

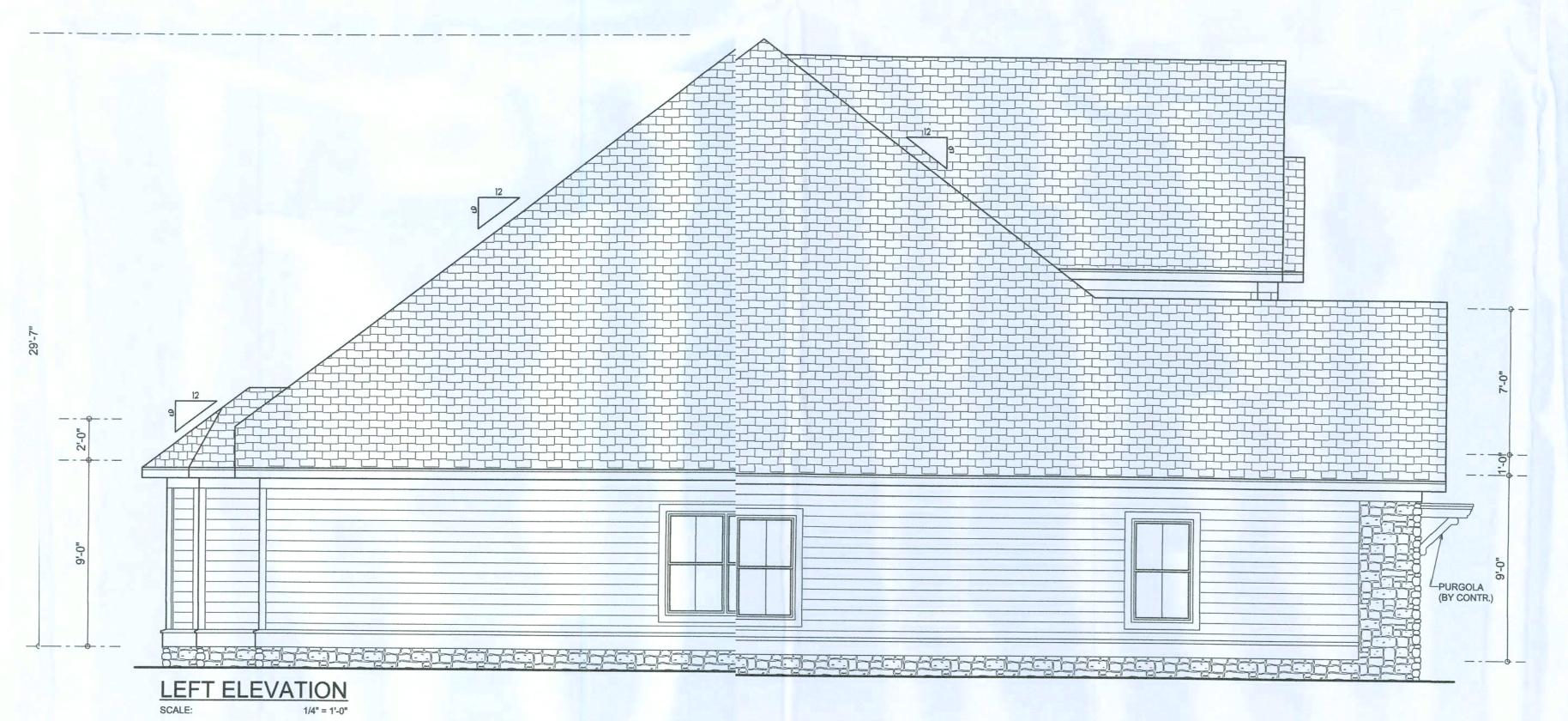


JOB NUMEER 080906

A.1







SOFTPI ARCHITECTURAL DESIGN SETWARE

RIGHT ELEVATION SCALE: 1/4" = 1'.0" LEFT ELEVATION SCALE: 1/4" = 1'-0"

CENTER CONSTRUCTION GROUP:

(PREST SERVES', LAKE CITY, FLORIDA 32025 WESTFIELD

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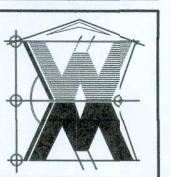
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P.O. BOX 1513

LAKE CITY, FL 32056

(386) 758-8406

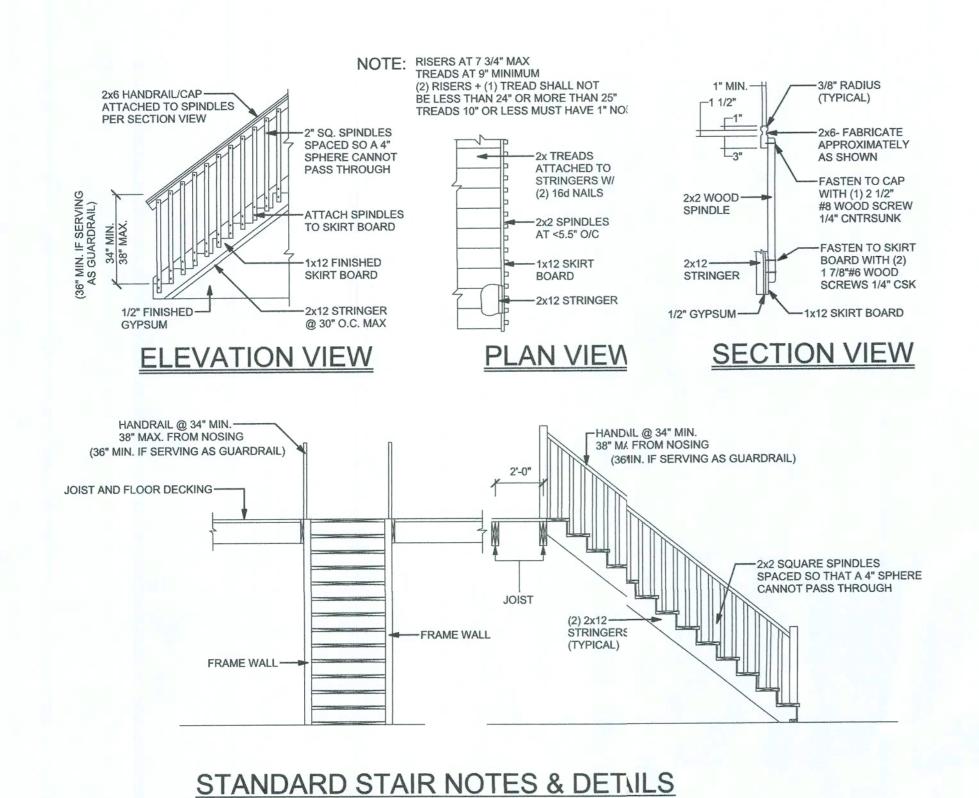
will@willmyers.net

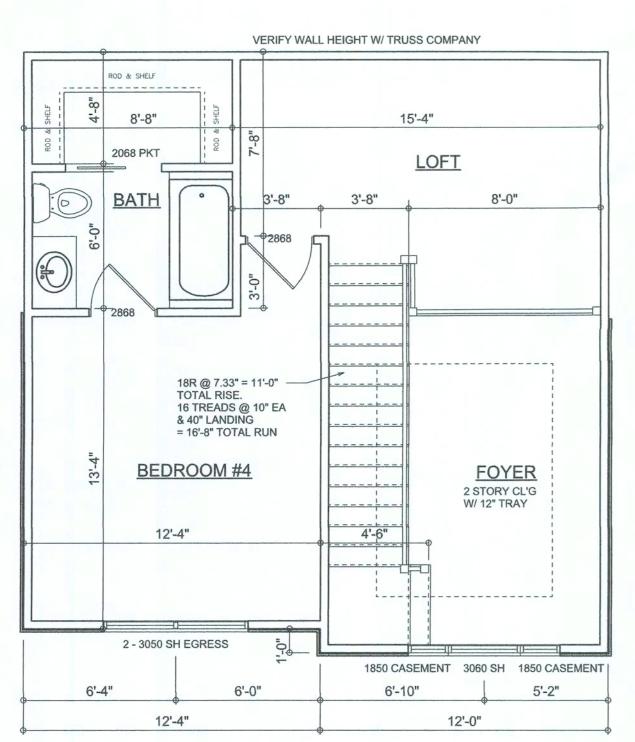


JOB NUMBER 080906

SHEET NUMBER

OF 4 SHEET\$





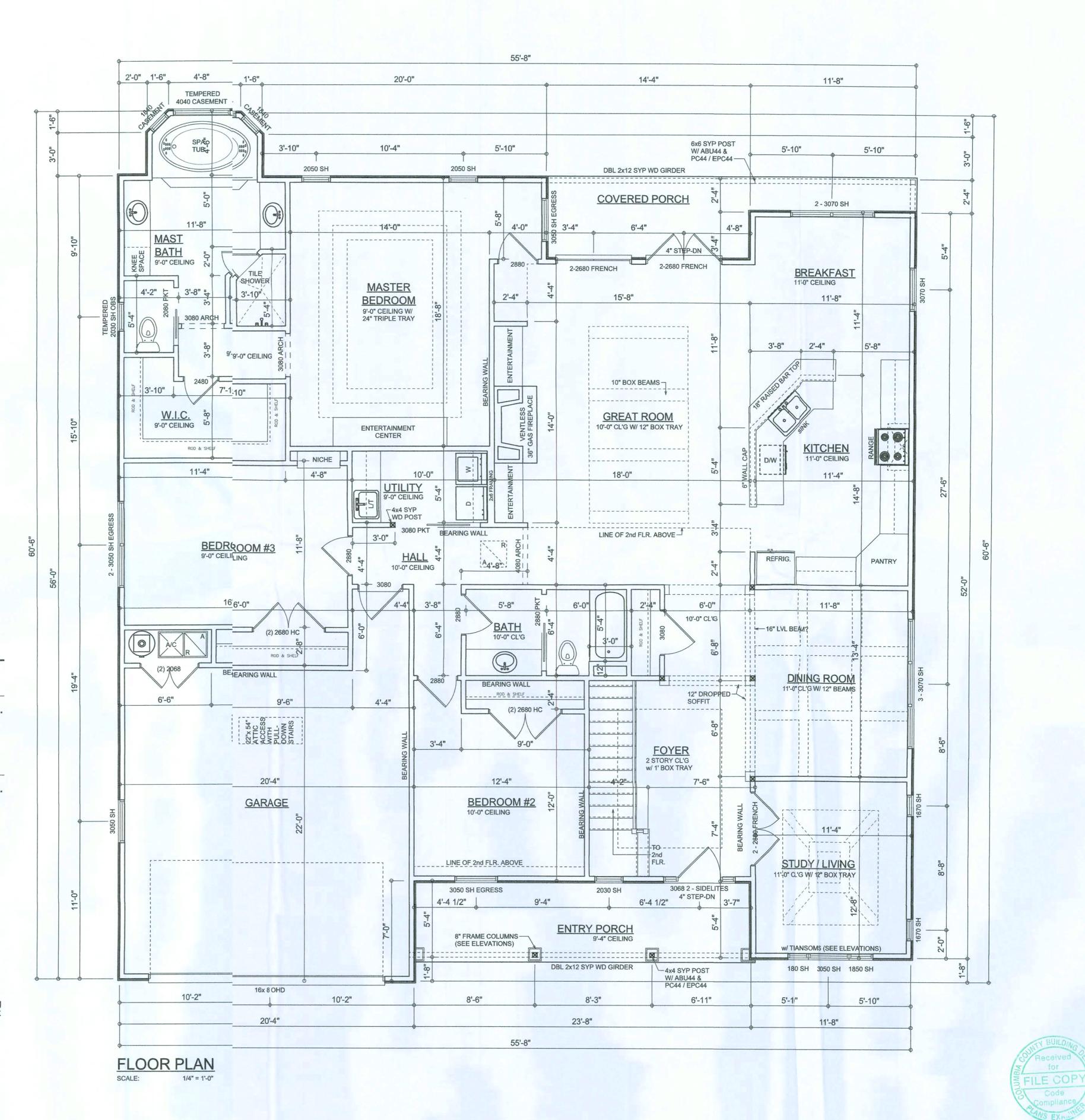
AREA SUMMARY

MAINIEL COD ADEA	0007	0.5
MAIN FLOOR AREA	2387	S.F.
2nd FLOOR AREA	406	S.F.
TOTAL LIVING	2793	S.F
GARAGE AREA	450	S.F.
ENTRY PORCH AREA	207	S.F.
COVERED PORCH AREA	149	S.F.
TOTAL AREA	3599	S.F

SECOND FLOOR PLAN

Garage fire separations shll comply with the following:

- 1. The private garage shall be seprated from the dwelling unit and its attic area by means of a minimum ½-inch (12.7 mm) gysum board applied to the garage side. Garages beneath habitable rooms shall be separate from all habitable rooms above by not less than 5/8-inch Type X gypsum board or equivaler. Door openings between a private garage and the dwelling unit shall be equipped with either slid wood doors, or solid or honeycomb core steel doors not less than 13/8 inches (34.9 mm) thk, or doors in compliance with Section 715.3.3. Openings from a private garage directly into room used for sleeping purposes shall not be permitted.
- Ducts in a private garage and dcts penetrating the walls or ceilings separating the dwelling unit from the garage shall e constructed of a minimum 0.019-inch (0.48 mm) sheet steel and shall have no opengs into the garage.
- 3. A separation is not required beteen a Group R-3 and U carport provided the carport is entirely open on two or more sides ind there are not enclosed areas above.
- 4. When installing an attic access nd/or pull-down stair unit in the garage, devise shall have a minimum 20 min. fire rating



FLOOR PLAN SECOND SCALE:

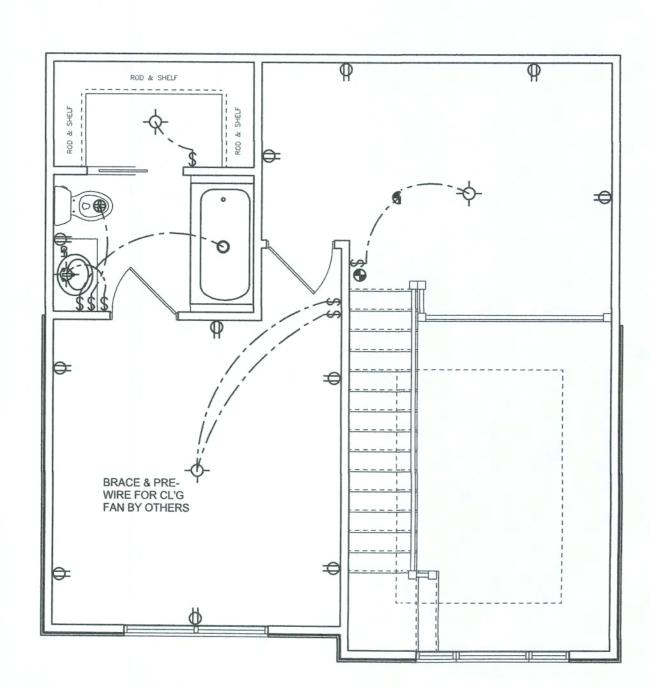
MODE 5 SERVE PRE THE

OWILLIAM MYERS P.O. BOX 1513 LAKE CITY, FL32056 (386) 758-8406 will@willmyes.net



JOB NUMBER 0809(6

SHEET NUMBER



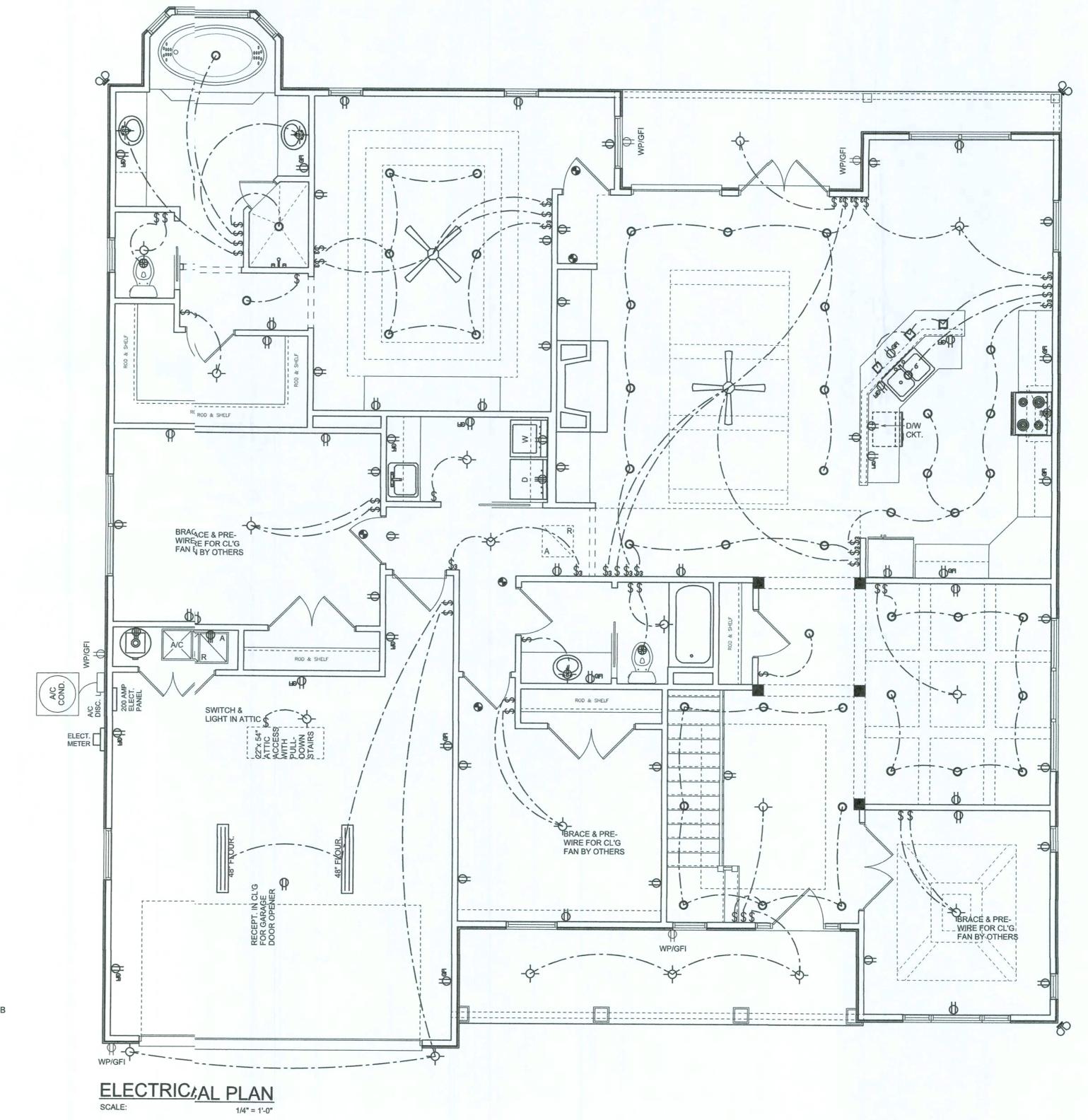
SECOND FLOOR PLAN SCALE: 1/4" = 1'-0"

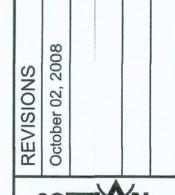
	ELECTRICAL LEGEND
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
QP	DOUBLE SECURITY LIGHT
0	RECESSED CAN LIGHT
₩	BATH EXHAUST FAN
	LIGHT FIXTURE
Ф	DUPLEX OUTLET
₩	220v OUTLET
Фан	GFI DUPLEX OUTLET
†V	TELEVISION JACK
PH	TELEPHONE JACK
•	SMOKE DETECTOR (see note below)
\$	WALL SWITCH
\$3	3 WAY WALL SWITCH
₩P/GFI	WATER PROOF GFI OUTLET
48" FLOUR.	2 OR 4 TUB FLUORESCENT FIXTURE

NOTE: ALL BEDROOM RECEPTACLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPT)

ALL SMOKE DETECTORS SHALL HAVE BATTERY BACKUP POWER AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY ALL ACTIVATE.

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT MEANS. CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR SUB PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR SHALL BE USED AS AN EQUIPMENT GROUND.





SOFTRAN ARCHITECTURAL ESIGN SOFTRANS

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

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

SECOND FLOOR ELECTRICAL

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

MODE. D CONSTRUCTION GROUP:

(PREST OF 110, THE PRESERVES', LAKE)

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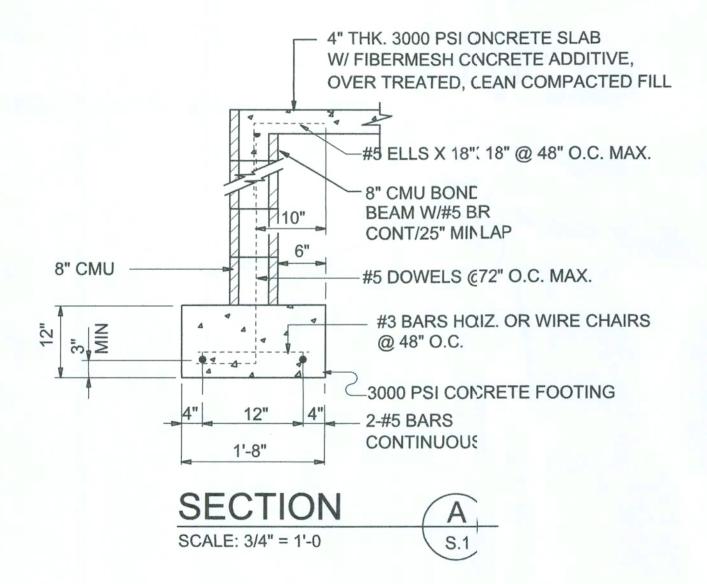


JOB NUMBER 080906

SHEET NJMBER OF 4 SHEETS

CONCRETE / MASONRY / **METALS 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 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 -
- 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.
- 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 2007 FBC 1609

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

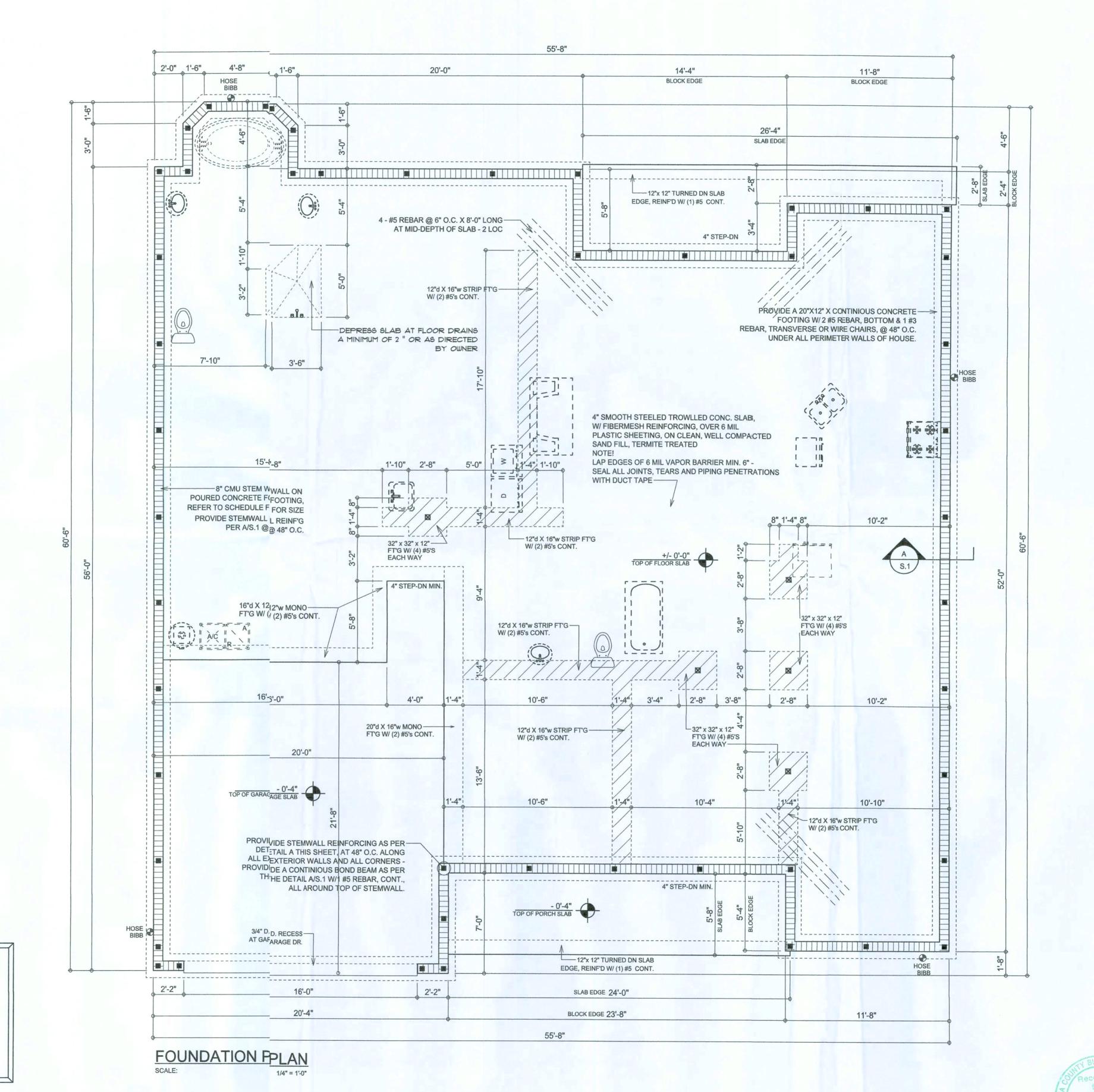
AND LOCAL JURISDICTION REQUIREMENTS

NOTE:

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.

PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING LOCATION CONDITIONS PER THE TRUSS ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION PLAN. ANY INTERIOR BEARING LOCATIONS OR ANY POINT LOADS OF 4.0 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN TAKING THESE LOADS INTO CONSIDERATION. THE CONTRACTOR SHALL MAKE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF RENDERING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.



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N.C.A.R.

JOB NUMBER

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SHEET NUMBER

OF 4 SHEETS

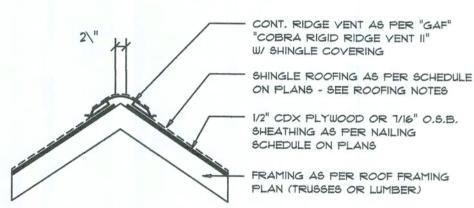
THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS, SOME OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN ADDITION TO TYPICAL NAILING, ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS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

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

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.

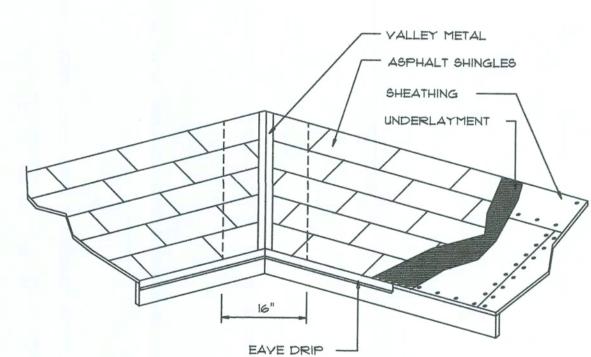
THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRAWINGS MAY BE MATCHED TO STANDARD PRODUCT UPLIFT RATINGS FOR COMPARABLE UPLIFT CONNECTORS, AND THAT THE PRODUCTS THAT PROVIDE EQUAL OR GREATER UPLIFT RESISTANCE FOR THE LISTED LOADS MAY BE USED IN LIEU OF THOSE INDICATED IN THE CONSTRUCTION DOCUMENTS OR AS APPROVED BY THE BUILDING OFFICIAL.

AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	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	130 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 Yent DETAIL SCALE: 3/4" = 1'-0"



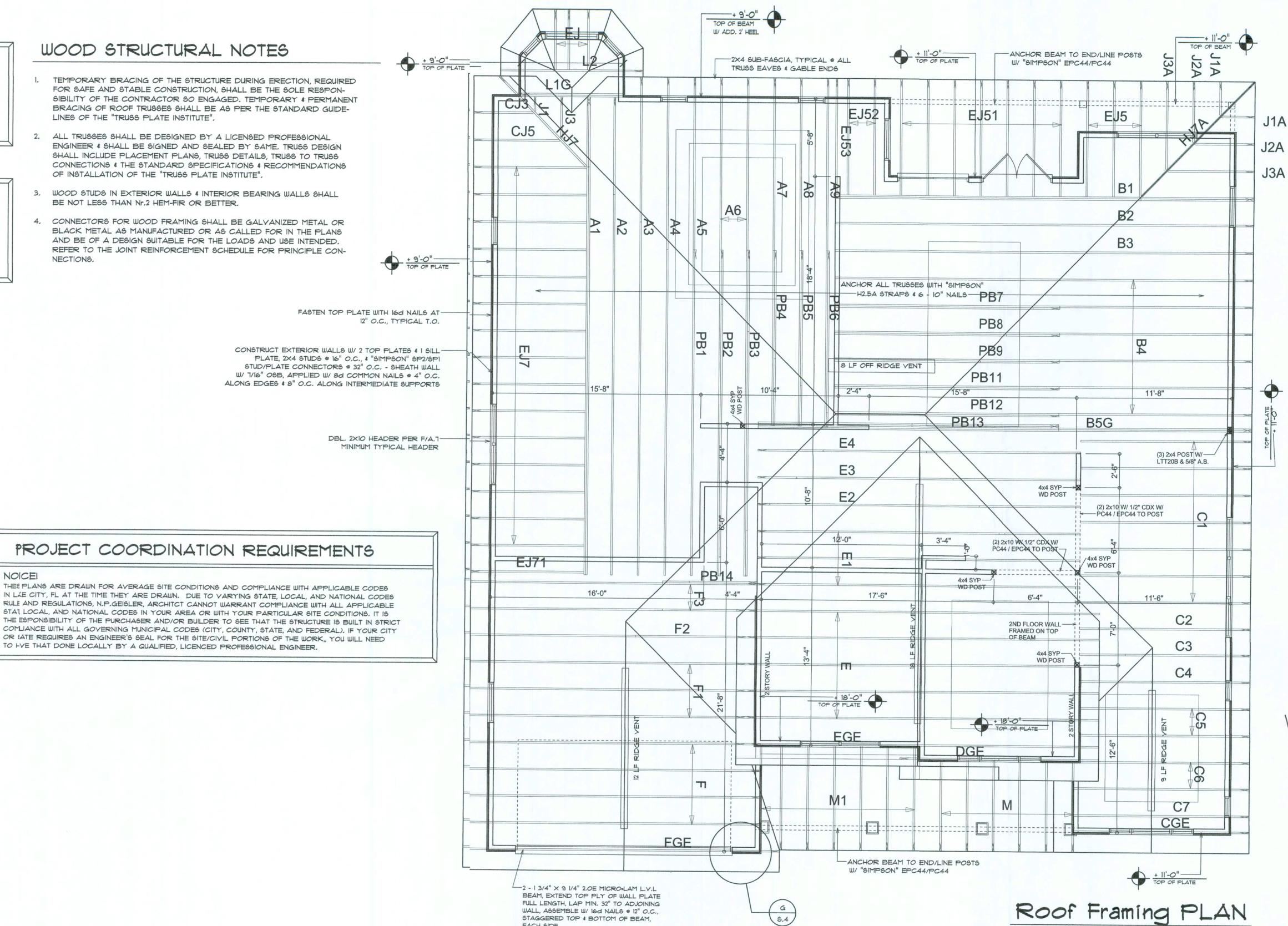
VALLEY FLASHING

ROOFING METALS FOR FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS				
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT	
COPPER			16	
ALUMINUM	0.024			
STAINLESS STEEL		. 28		
GALVANIZED STEEL	er10.0	26 (ZINC COATED G90)		
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20	

Roofing/Flashing DETS.

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".
- 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".
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN Nr.2 HEM-FIR OR BETTER.
- 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.



RULE AND REGULATIONS, N.P.GEISLER, ARCHITCT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE STAT LOCAL, AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS THE ESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT COMLIANCE WITH ALL GOVERNING MUNICIPAL CODES (CITY, COUNTY, STATE, AND FEDERAL). IF YOUR CITY OR (ATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/CIVIL PORTIONS OF THE WORK,, YOU WILL NEED TO HYE THAT DONE LOCALLY BY A QUALIFIED, LICENCED PROFESSIONAL ENGINEER.

ROOF PLAN NOTES

SEE EXTERIOR ELEVATIONS FOR ROOF PITCH

ALL OVERHANG 18" UNLESS OTHERWISE NOTED

PROVIDE ATTIC VENTILATION IN AC-CORDANCE WITH SCHEDULE ON SD.3

SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS

MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

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 PLILACED W/ LONG DIMENSION PERPENDICULAR TOO THE ROOF TRUSSES, SECURE TO FRAMING W/ / 8d NAILS - AS PER DETAIL ON SHEET SD.4

NOTE

THE DESIGN WIND SPEED FOR THIS PROJECT IS 110 MPH PER 2001 FBC ; 1609 AND LOCAL JURISDICTION REQUIREMMENTS

GENERAL TRUSS NOTES:

WALL, ASSEMBLE W/ 16d NAILS @ 12" O.C., STAGGERED TOP & BOTTOM OF BEAM,

EACH SIDE

- 1. TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND IT'S CONNECTIONS", LATEST Ed., ALONG W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, & TRUSS TO TRUSS CONNECTIONS.
- 2. TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- 3. FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIRMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS, THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE, ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

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

ANCHOR GIRDER TRUSS(ES) TO HEADER WITH 2 "SIMPSON" LGT(2, 3 OR 4), ANCHOR HEADER TO KING STUDS W/ 2 "SIMPSON" ST22 EA. END - TYP., T.O.

REFER TO THE WINDOW/DOOR HEADER SCHEDULE ON SHEET SD.4 FOR ALL MINIMUM SIZE HEADERS AND ALTERNATES MINIMUM SIZE ALLOWABLE IS 2-2×10.



JOB NUMEER 080903

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OF 4 SHEETS



FLORIDA BUILDIG CODE

Compliance Sumiary

TYPE OF CONSTRUCTION

Roof: Hip Construction, Wood Trusses @ 24" O Walls: 2x4 Wood Studs @ 16" O.C. Floor: 4" Thk. Concrete Slab W/ Fibermesh Concre Additive Continuous Footer/Stem Wall Foundation:

ROOF DECKING

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

SHEARWALLS

Material: 1/2" CD Plywood or 7/16" O.S.B. Sheet Size: 48"x96" Sheets Placed Vertical Fasteners: 8d Common Nails @ 4" O.C. Edges 8" O.C. Interior Dragstrut: Double Top Plate (S.Y.P.) W/16d Na @ 12" O.C. Wall Studs: 2x4 Hem Fir Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: SEMCO HDPT2 @ Ea. Truss En(Typ. U.O.N.) Wall Tension: Wall Sheathing Nailing is Adequat- 8d @ 4" O.C. Top & Bot. Anchor Bolts: 1/2" A307 Bolts @ 48" O.C. - 1stolt 6" from corner Corner Hold-down Device: (1) HD5a @ earcorner Porch Column Base Connector: Simpson AJ44/ABU66 @ each column Porch Column to Beam Connector: SimpscEPC44/PC44 @ each column

FOOTINGS AND FOUNDATIONS

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

ALL WIND LOADS ARE IN ACCORDANCE FLORIDA BUILDING CODE, 2	
BASIC WIND SPEED:	110 MPH
WIND IMPORTANCE FACTOR (I):	I = 1.00
BUILDING CATAGORY:	CATAGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MWFRS PER TABLE 1606.2A (FBC 2004) DESIGN WIND PRESSURES:	ROOF: - 23.1 PSF WALLS: + 26.6 PSF EAVES: - 32.3 PSF
COMPONENTS & CLADING PER TABLES 1609.2B & 1609.2C (FBC 2007) DESIGN WIND PRESSURES:	OP'NGS: + 21.8 / - 29.1 PSF EAVES: - 68.3 PSF ROOF: + 19.9 / - 25.5 PSF

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

- 1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMI: TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CORRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THWATER HEATER OR ELECTRIC PANEL. FBC 104.2.6 2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DICHARGE AT LEAST 1'-0"
- AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4
- 3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL BERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM FILDING SIDE WALLS. FBC 1503.4.4
- 4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BEESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FISH LESS THAN 5/8"
- THICK ADHERED DIRECTLY TO THE FOUNDATION WAL FBC 1403.1.6 5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXAVATION AND
- BACKFILL IS COMPLETE. FBC 1816.1.1 6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHLL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.:
- 7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUIT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT MTAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND EPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INIAL TREATMENT. FBC 1816.1.3
- 8. MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALID TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEORE VAPOR RET-ARDER PLACEMENT, RETREATMENT IS REQUIRED. FB1816.1.4
- 9. CONCRETE OVERPOUR AND MORTAR ALONG THE FUNDATION PERIMETER
- MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMET. FBC 1816.1.5 10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXERIOR CONCRETE
- OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWAL). FBC 1816.1.6 11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUSTE INSTALLED AFTER
- CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPI3 AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IAPPLIED, SHALL BE RETREATED. FBC 1816.1.6 12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CON(RUCTION TREATMENT.
- FBC 1816.1.7 13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED) THE BUILDING DEPART-MENT BY # LICENSED PEST CONTROL COMPANY BEFCE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF CUPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATME! FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN CORDANCE WITH THE
- UMER SERVICES". FBC 1816.1.7 14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AN FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THISICLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHE CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3

RULES AND LAWS OF THE FLORIDA DEPARTMENT OF ARICULTURE AND CONS-

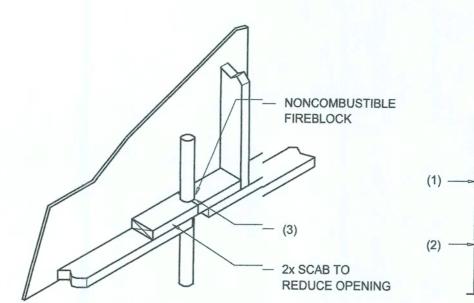
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TISH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDIN. FBC 2303.1.4

FRAMING ANCHOR SCHEDULE

APPLICATION 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.: MANUF'R/MODEL SIMPSON H2.5A (OR EQUIVALENT), W/ 6 - 10d NAILS 960# SIMPSON LGT, W/ 28 - 16d NAILS 1785# SIMPSON ST22 1370# SIMPSON SP2 SIMPSON SP1 SIMPSON SP1 SIMPSON PC44/EPC44 1700# SIMPSON ABU44 2200# SIMPSON A34 315#/240#			
GIRDER TRUSS TO POST/HEADER: SIMPSON H2.5A (OR EQUIVALENT), W 6 - 10d NAILS 960# HEADER TO KING STUD(S): SIMPSON LGT, W/ 28 - 16d NAILS 1785# PLATE TO STUD: SIMPSON ST22 1370# SIMPSON SP2 1065# SIMPSON SP1 585# PORCH BEAM TO POST: SIMPSON PC44/EPC44 1700# PORCH POST TO FND.: SIMPSON ABU44 2200#	APPLICATION	MANUF'R/MODEL	CAP.
310#/240#	GIRDER TRUSS TO POST/HEADER: : HEADER TO KING STUD(S): PLATE TO STUD: STUD TO SILL: PORCH BEAM TO POST: PORCH POST TO FND.:	SIMPSON H2.5A (OR EQUIVALENT), W/ 6 - 10d NAILS SIMPSON LGT, W/ 28 - 16d NAILS SIMPSON ST22 SIMPSON SP2 SIMPSON SP1 SIMPSON PC44/EPC44 SIMPSON ABU44	960# 1785# 1370# 1065# 585# 1700# 2200#
			010112-10

ALL ANCHORS SHALL BE SECUREDD W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOOINT STRENGTH, UNLESS NOTED OTHERWISE. REFER TO THE INCLUDED STRUCTYURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTERNERS. 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

MIAMI/DADE COUNTY REPORT #97-C-0107.05, #96-1126.11, #99-0623.04



FIREBLOCKING NOTES:

PENETRATIONS

"SIMPSON" PRODUCT APPROVALS:

SBCC1 NER-443, NER-393

FIREBLOCKING SHALL BE INSTALLED IN $\c \L$ WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

- 1. IN CONCEALED SPACES OF STUD WWALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
- 2. AT ALL INTERCONNECTIONS BETWE/EEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFILITS, DROP CEILINGS, COVE CEILINGS, ETC. 3. AT OPENINGS AROUND VENTS, PIPEES, DUCTS, CHIMNEYS AND FIREPLACES AT
- CEILING AND FLOOR LEVELS WITH "I "PYROPANEL MULTIFLEX SEALANT" 4. AT ALL INTERCONNECTIONS BETWE/EEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALE ED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SISHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND O'DVER THE SUPPORTS.

Fire Stopping DETAILS

SCALE: NONE



ADD 2x FIREBLOCK

SOFFIT/DROPPED CLG.

CUT BETWEEN STUDS

General Roofing NOTES:

DECK REQUIREMENTS:

THROUGH THE SHEATHING.

WITH ASTM D 3161 OR M-DC PA 107-95.

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

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 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

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

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 STAY IN PLACE.
- 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 OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LBS 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. FOR 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. FOR 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. FOR 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 AND COMPLYING

NOTE!!! ROOFSHINGLES 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 HERITAGE 50 AR

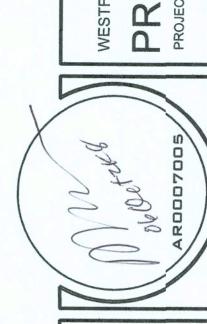
WITH ASTM D 1970.

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE 1 MODIFIED TO 110 MPH WINDS & FBC TAS 100, USING 4 NAILS/SHINGLE



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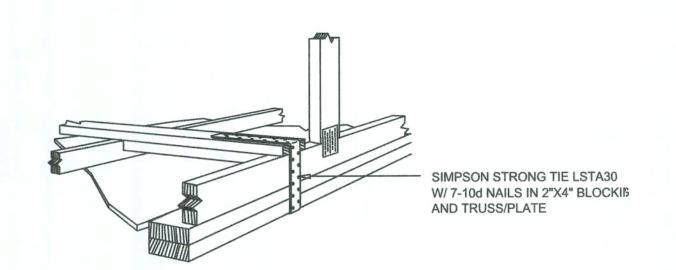


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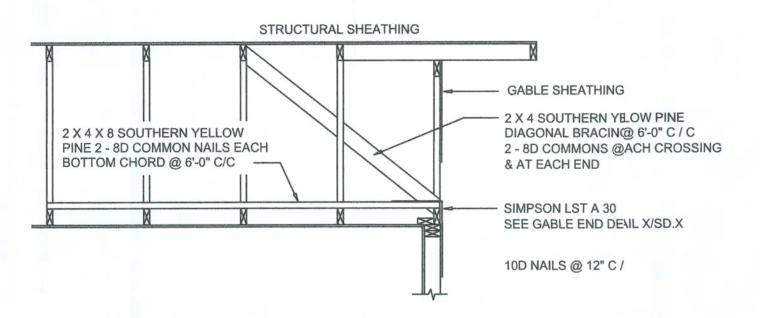
SHEET NUMBER

OF 4 SHEETS



GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE

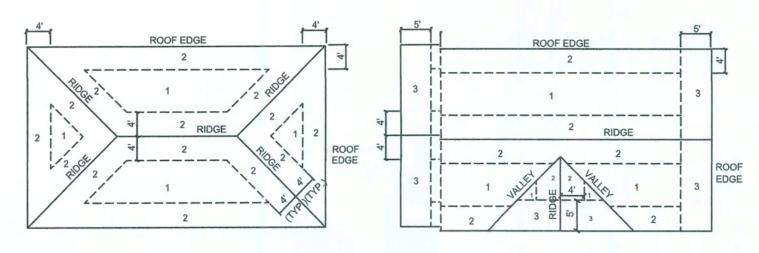


END WALL BRACING FOR **CEILING DIAPHRAGM**

(ALTERNATIVE TO BALLOON FRAMING)

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

ROOF SHEATHING FASTENINGS 6 in. o.c. EDGE 12 in. o.c. FIELD 8d COMMON OR 6 in. o.c. EDGE 7/16 " O.S.B. 8d HOT DIPPED OR 15/32 CDX GALVANIZED 4 in. o.c. @ GABLE ENDWA **BOX NAILS** OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD



ROOF SHEATHING NAILING ZONES (HIP ROOF)

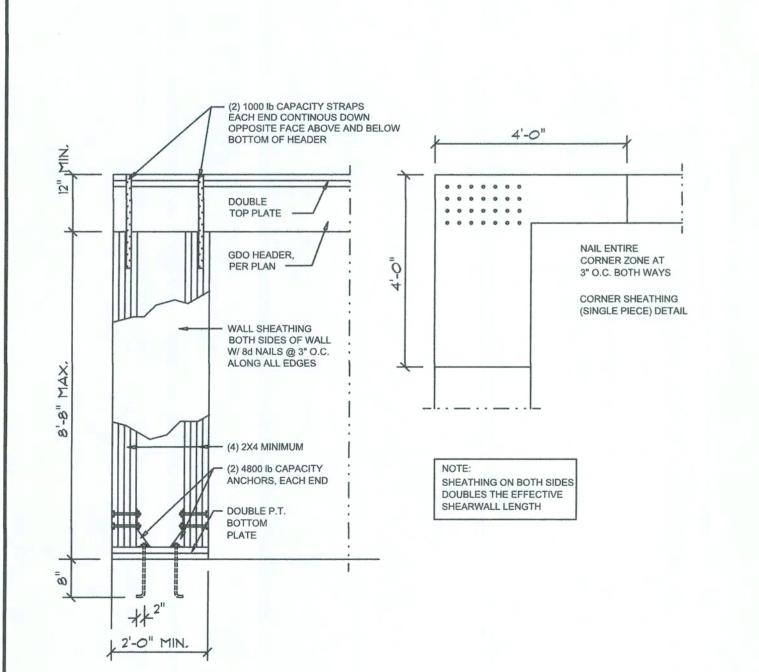
RGOOF SHEATHING NAILING ZONES (GABLE ROOF)



SCALE: NONE

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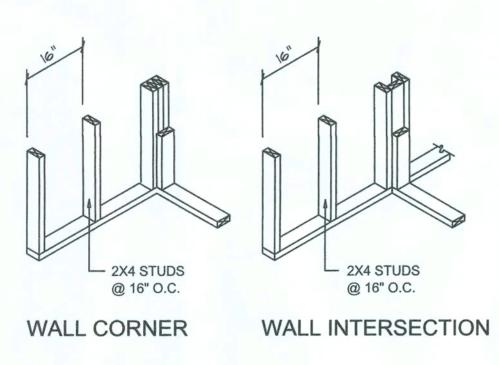
		BUILDING WIEIDTH (FT)					
HEADERS SUPPORTING:	HEADER SIZE		20'		28'8'	3	6'
		SPAN	# JACKS	SPAN	## JACKS	SPAN	# JACKS
	2-2x4	3'-6"	1	3'-2"	1	2'-10"	1
	2-2x6	5'-5"	1	4'-8"	1	4'-2"	1
ROOF, CEILING	2-2x8	6'-10"	1	5'-11"	2	5'-4"	1
	2-2x10	8'-5"	2	7'-3"	2	6'-6"	2
	2-2x12	9'-9"	2	8'-5"	2	7'-6"	2
	3-2x8	8'-4"	1	7'-5"	1	6'-8"	1
	3-2x10	10'-6"	1	9'-1"	2	8'-2"	1
	3-2x12	12'-2"	2	10'-7"	2	9'-5"	2
	4-2x8	9'-2"	1	8'-4"	1	9'-2"	1
	4-2x10	11'-8"	1	10'-6"	1	9'-5"	1
	4-2x12	14'-1"	1	12'-2"		10'-11"	1

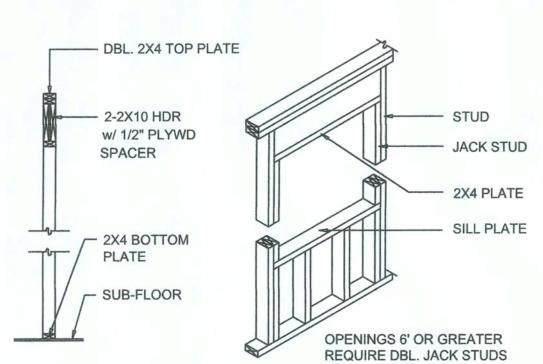


Garage End Wall DETAILS

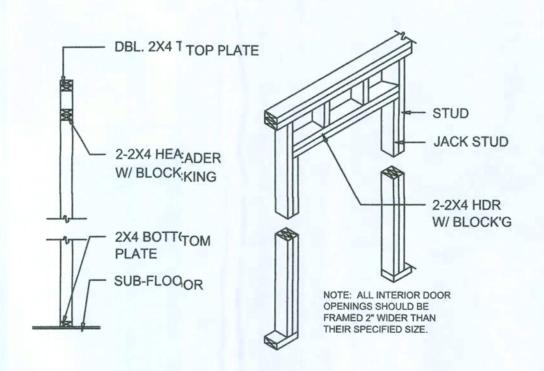
SCALE: 1/2" = 1'-0"

G

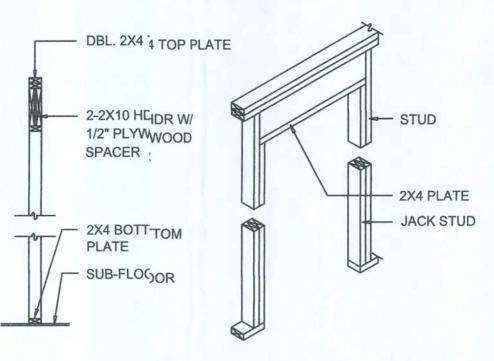




TYPICAL WINDOW HEADER



NON-BEARING WALL HEADER

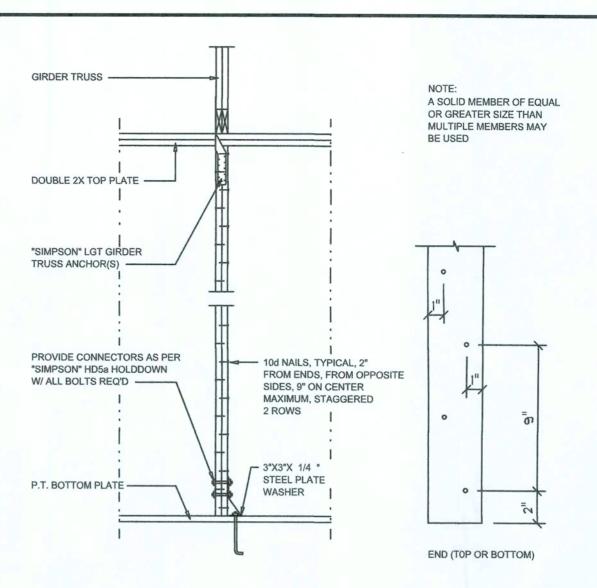


BEARING WAALL HEADER



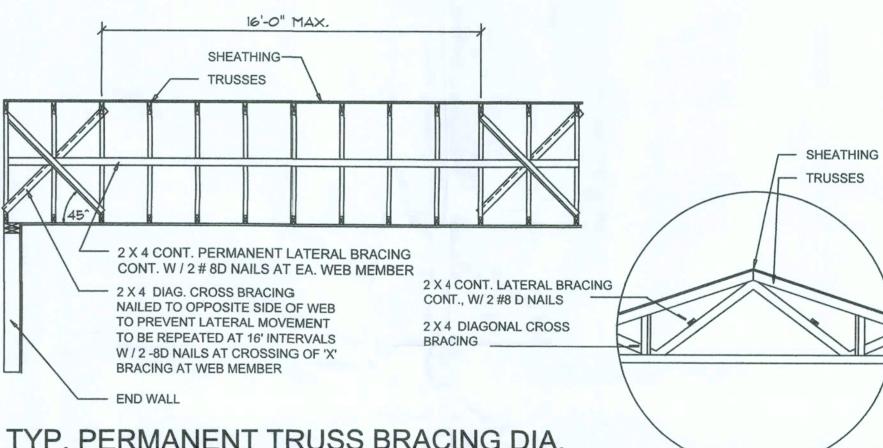
SCALE: NONE





Girder Truss Column DET.

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

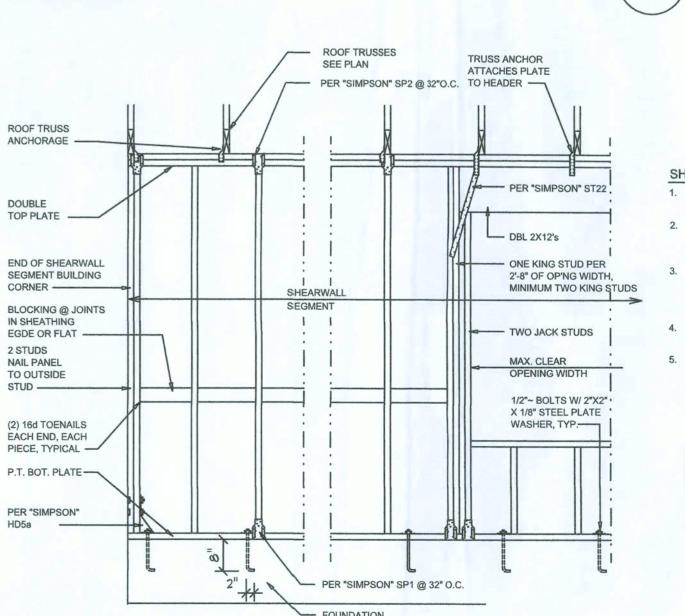


TYP. PERMANENT TRUSS BRACING DIA.

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

Truss Bracing DETAILS

SCALE: AS NOTED



Shear Wall DETAILS

SCALE: NONE

 ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-97 SBBCI 305.4.3.

2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16 " O.S.B. 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").

16d TOE NAILS UP TO 6'-0" (1) 2x4 OR (1) 2x6 > 6' TO 9'-0" (3) 2x4 OR (1) 2x6 > 9' TO 12'-0" (5) 2x4 OR (2) 2x6

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SOFTPIAN

TACAS ISCER

JOB NUMBER

SHEET NUMBER OF 4 SHEETS