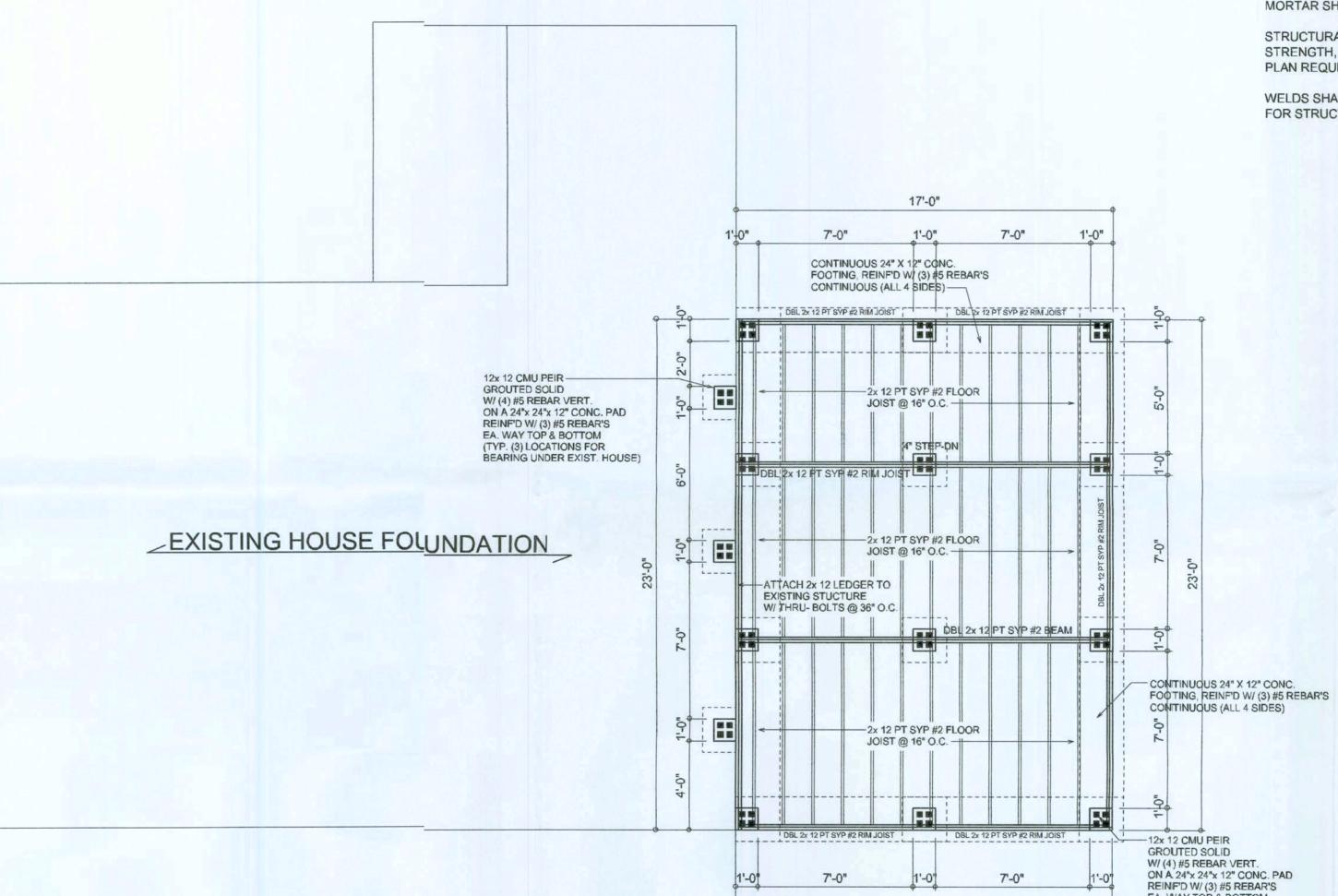
FILECOPY



CONCRETE / MASONRY / METALS GENERAL NOTES:

REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIRE-MENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.

WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIRE-MENTS OF ASTM A185 - MIN. YEILD STRESS = 85 KSI.

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.

MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.

THE DESIGN WIND SPEED FOR THIS PROJECT IS 110 MPH PER 2004 FBC 1609

METHOD.

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"

1 COPY TO THE PERMIT ISSUING AUTHORITY.

PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP

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.

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

STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.

WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

PLAN 1/4" = 1'.0" FRAMING

SOTTPIXN

N $\mathbf{\Omega}$

of J

PAUL SLER TECT

JOBNUMBER

SHEET NUMBER OF & SHEETS

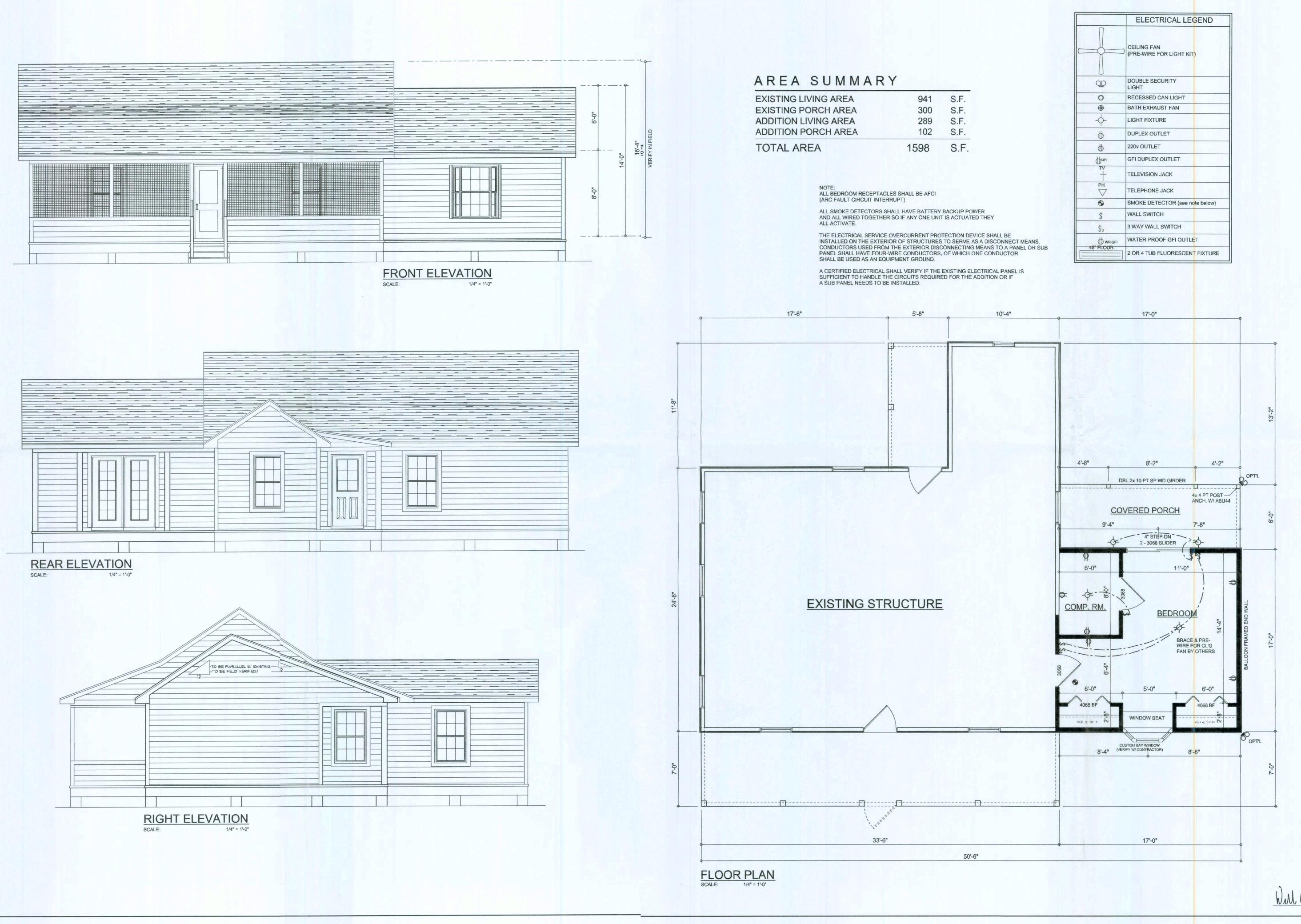
FOUNDATION / FLOOR FRAMING PLAN

EA. WAY TOP & BOTTOM

(TYP. ALL 12 LOCATIONS)

N.C.A.R.

070406



REVISIONS

May 09, 2007

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

DEPOSECT ADDRESS: 11824 N US HWY 441, LAKE CITY, FL 32055

©NVILLIAM MYERS

DESIGN

1.0. BOX 1513

LAKE CITY, FL 32056

(386) 758-8406

wi@willmyers.net

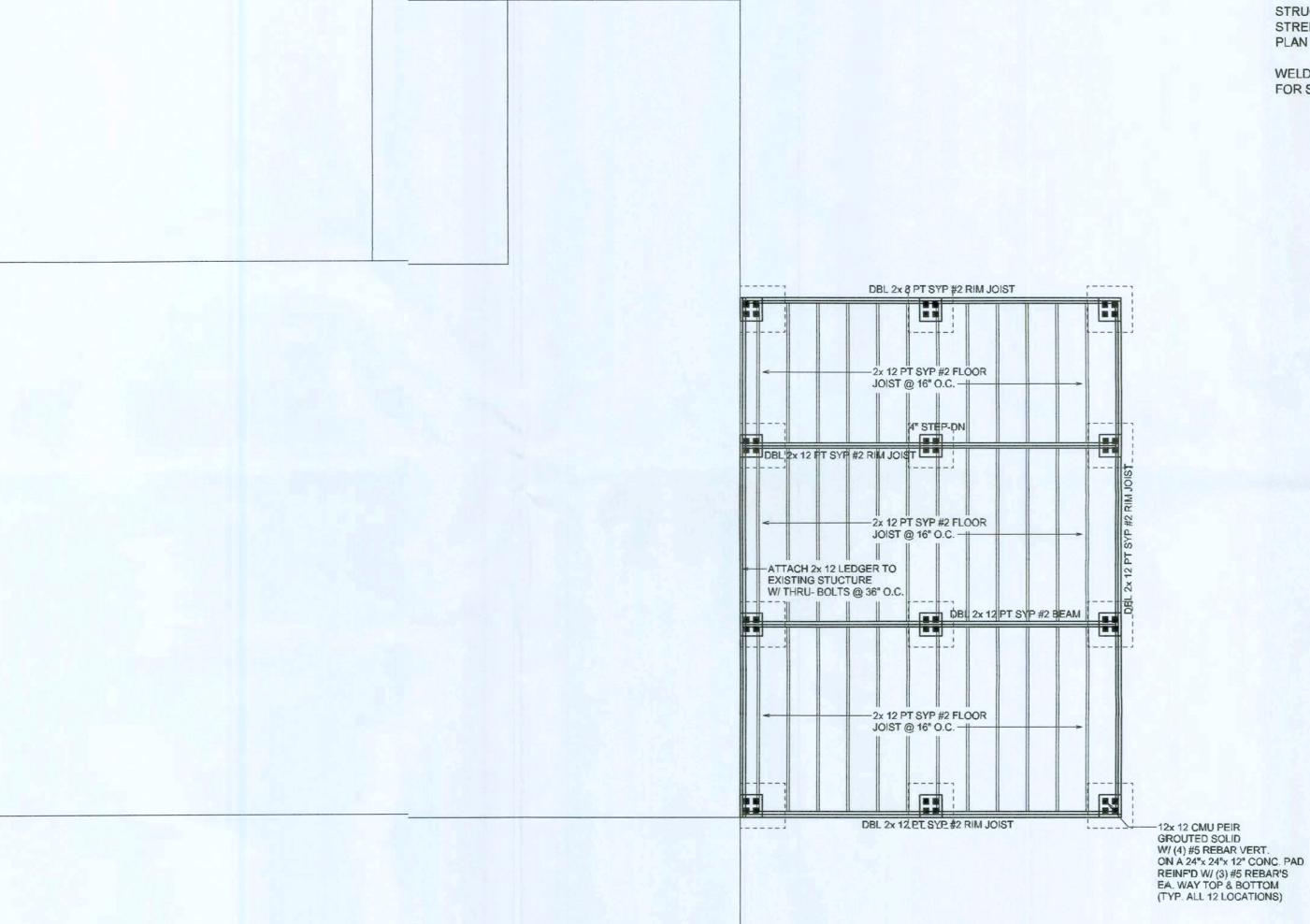


JOB NUMBER 070406

SHEET NUMBER

A.1 OF 1 SHEETS

LC-Ag 0=



CONCRETE / MASONRY / METALS GENERAL NOTES:

REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIRE-MENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.

WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIRE-MENTS OF ASTM A185 - MIN. YEILD STRESS = 85 KSI.

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.

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.

WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

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

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" METHOD.

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.

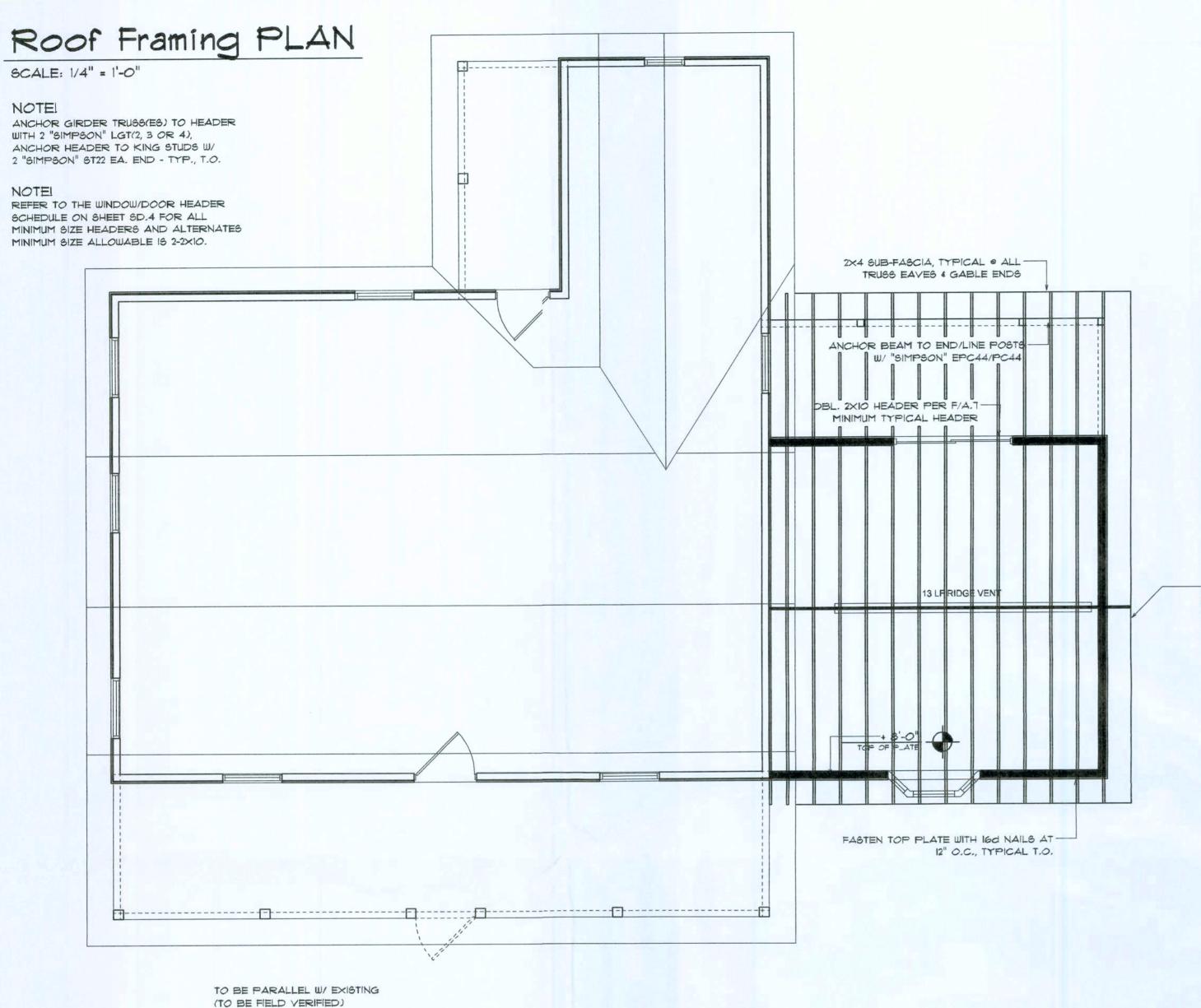
NICHOLAS BEISLER ARCHITECT

JOB NUMBER 070406

SHEET NUMBER

SOFTPIAN

N



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

SHOP DUG 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.

PROJECT COORDINATION REQUIREMENTS

THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES IN LAKE CITY, FL AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES

RULES AND REGULATIONS, N.P.GEISLER, ARCHITCT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE STATE, LOCAL, AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS, IT IS THE RESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT

COMPLIANCE WITH ALL GOVERNING MUNICIPAL CODES (CITY, COUNTY, STATE, AND FEDERAL). IF YOUR CITY OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/CIVIL PORTIONS OF THE WORK, YOU WILL NEED

SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED

W/ LONG DIMENSION PERPENDICULAR TO THE

PROJECT IS 110 MPH PER 2004 FBC 1609

AND LOCAL JURISDICTION REQUIREMENTS

ROOF TRUSSES, SECURE TO FRAMING W/ 8d

NAILS - AS PER DETAIL ON SHEET SD.4

THE DESIGN WIND SPEED FOR THIS

TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENCED PROFESSIONAL ENGINEER.

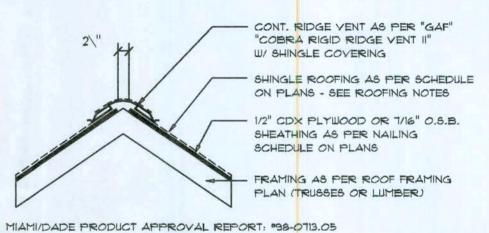
CONSTRUCT EXTERIOR WALLS W/ 2 TOP PLATES \$ 1 SILL PPLATE, 2X4 STUDS . 16" O.C., & "SIMPSON" SP2/SP1 S'STUD/PLATE CONNECTORS @ 32" O.C. - SHEATH WALL W.W/ 7/16" OSB, APPLIED W/ 8d COMMON NAILS 9 4" O.C. ALONG EDGES & 8" O.C. ALONG INTERMEDIATE SUPPORTS

SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

WOOD STRUCTURAL NOTES

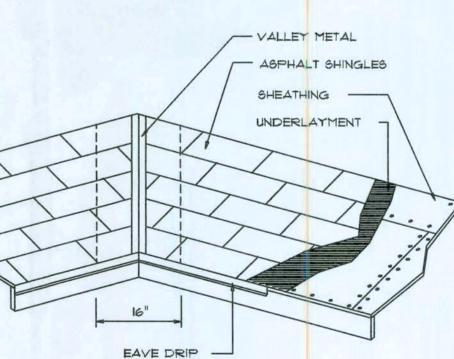
- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPON-SIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDE-LINES OF THE "TRUSS PLATE INSTITUTE".
- 2. ALL TRUSSES SHALL 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-NECTIONS.

AREA OF	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	730 SQ.IN.
3100 SF	40 LF	820 SQ.IN.
3600 SF	44 LF	900 SQ.IN.



Ridge Vent DETAIL





VALLEY FLASHING

ROOF PLAN NOTES

- SEE EXTERIOR ELEVATIONS FOR ROOF PITCH
- R-2 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 YENTS AND OTHER ROOF PENETRATIONS TO REAR

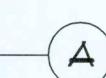
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-O". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN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

GENERAL TRUSS NOTES:

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, 4 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.

	SS REQUIREMENTS		
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGH
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	er10.0	26 (ZINC COATED G90)	
ZING ALLOY LEAD PAINTED TERNE	0.021		40



JOB NUMBER (70406

LAU LER TER

SOTTPEN

PLAN

ROOF

AZZ

Ш

O

 $\mathbf{\Omega}$

0

7

SHEET NUMBER

OF4 SHEETS

- (3) 16d's, CLINCHED 2x 8 SYP AT 16" O.C. -- 2x 6 SYP CEILING RAFTER —(3) 16d's, CLINCHED (PORCH ONLY) AT 24" O.C. -2x 6 SYP COLAR TIE AT 48" O.C. 2x _ SYP FASCIA BOARD SIMPSON H2.5A-SIMPSON H2.5A -2× 8 SYP CEILING RAFTER AT 24" O.C. -(2) 2x 10 WD GIRDER W/ 1/2" PLYWOOD SPACER

17'-0"

1/2 = 1'-0"

TRANSVERSE SECTON

- 2x 12 SYP RIDGE BOARD

- 2x 10 SYP AT 16" O.C.

SIMPSON ST 18 -

SCALE:

SIMPSON LSSU 28

EA. RAFTER

Roofing/Flashing DETS. SCALE: NONE

Roof Framing PLAN

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.

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.

-CONSTITUECT EXTERIOR WALLS W/ 2 TOP PLATES & 1 SILL PLATEE, 2x4 STUDS . 16" O.C., & "SIMPSON" SP2/SP1 STUD/FPLATE CONNECTORS @ 32" O.C. - SHEATH WALL W/ 7/166" OSB, APPLIED W/ 8d COMMON NAILS @ 4" O.C. ALONGG EDGES & 8" O.C. ALONG INTERMEDIATE SUPPORTS

PROJECT COORDINATION REQUIREMENTS

THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES IN LAKE CITY, FL AT THE TIME THEY ARE DRAWN, DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES RULES AND REGULATIONS, N.P.GEISLER, ARCHITCT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE STATE, LOCAL, AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS THE RESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT COMPLIANCE WITH ALL GOVERNING MUNICIPAL CODES (CITY, COUNTY, STATE, AND FEDERAL). IF YOUR CITY OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/CIVIL PORTIONS OF THE WORK, YOU WILL NEED TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENCED PROFESSIONAL ENGINEER.

FR-1 SEE EXTERIOR ELEVATIONS FOR ROOF PITCH

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

SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED

W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d

NAILS - AS PER DETAIL ON SHEET SD.4

MOTE

WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TTO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH AS TOP PLATES, NOTED ABOVE

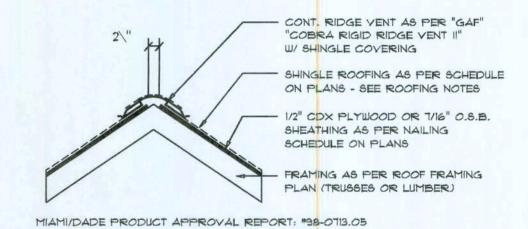
GENERAL TRUSS NOTES:

- 1. 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, 4 TRUSS TO TRUSS CONNECTIONS.
- 2.2. TRUSS SHOP DRAWINGS SHALL BE SIGNED 4 SEALED BY THE DESIGNING ENGINEER.
- 3.3. 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.

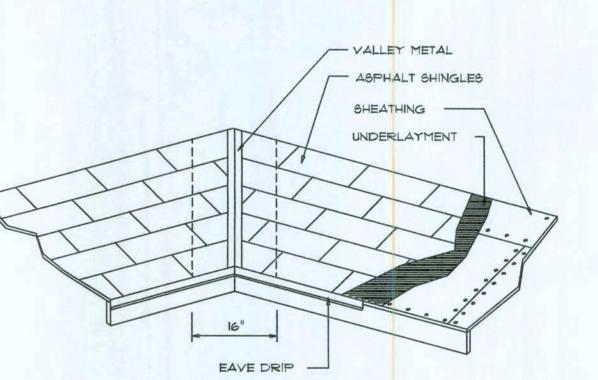
WOOD STRUCTURAL NOTES

- 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-NECTIONS.

AREA OF	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	730 SQ.IN.
3100 SF	40 LF	820 SQ.IN.
3600 SF	44 LF	900 SQ.IN.







VALLEY FLASHING

	T		
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	PTIO.0	26 (ZINC COATED G90)	
ZING ALLOY LEAD PAINTED TERNE	0.027		40 20

Roofing/Flashing DETS. SCALE: NONE



OF 4 SHEETS

A A L L

JOB NUMBER 070406 SHEET NUMBER

SOFTPIAN

N

 $\mathbf{\Omega}$

FROOF PLAN NOTES

FR-2 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

R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING

SOUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER

FLORIDA BUIDING CODE

Compliance Simmary

TYPE OF CONSTRUCTION

Roof: Hip Construction, Wood Trusses @ 2-0 Walls: 2x4 Wood Studs @ 16" O.C. Floor: 4" Thk. Concrete Slab W/ Fibermesh oncrete Additive Continuous Footer/Stem Wal Foundation:

ROOF DECKING

Material: 1/2" CD Plywood or 7/16" O.S.B. 48"x96" Sheets Perpendiculan Roof Framing Sheet Size: Fasteners: 8d Common Nails per schedulen sheet A.7

SHEARWALLS

Wall Studs:

1/2" CD Plywood or 7/16" O.S.B 48"x96" Sheets Placed Vertica Sheet Size: Fasteners: 8d Common Nails @ 4" O.C. Eges & 8" O.C. Interior Dragstrut: Double Top Plate (S.Y.P.) W/d Nails @ 12" O.C.

2x4 Hem Fir Studs @ 16" O.C

HURRICANE UPLIFT CONNECTORS

Truss Anchors: SEMCO HDPT2 @ Ea. Tris End (Typ. U.O.N.) Wall Tension: Wall Sheathing Nailing is Aequate - 8d @ 4" O.C. Top & Bot. Anchor Bolts: 1/2" A307 Bolts @ 48" O.(- 1st Bolt 6" from corner Corner Hold-down Device: (1) HD5@ each corner Simjon ABU44/ABU66 @ each column Porch Column Base Connector: mpson EPC44/PC44 @ each column Porch Column to Beam Connector:

FOOTINGS AND FOUNDATIONS

Footing: 20"x12" Cont. W/2-#5 Bars Cont. 11-#3 Transverse @ 24" O.C. Stemwall: 8" C.M.U. W/1-#5 Vertical Dowel (48" O.C.

ALL WIND LOADS ARE IN ACCORDADE W FLORIDA BUILDING COE, 200	
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 2004) 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 THEERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMET CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED N&R THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6

2. CONDENSATE AND ROOF DOWNSPOUTS SALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4

3. IRRIGATION/SPRINKLER SYSTEMS INCLUDIN ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" ROM BUILDING SIDE WALLS.

FBC 1503.4.4 4. TO PROVIDE FOR INSPECTION FOR TERMITENFESTATION, BETWEEN WALL

COVERINGS AND FINAL EARTH GRADE SHALL DT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CEMENDUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATIN WALL. FBC 1403.1.6

5. INITIAL TREATMENT SHALL BE DONE AFTERILL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1

6. SOIL DISTURBED AFTER THE INITIAL TREATMNT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC816.1.2

7. BOXED AREAS IN CONCRETE FLOOR FOR SUSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMAENT METAL OR PLASTIC FORMS, PERMANENT FORMS MUST BE OF A SIE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER HE INITIAL TREATMENT.

8. MINIMUM 6 MIL VAPOR RETARDER MUST BE ISTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCURS BEFORE VAPOR RET-

ARDER PLACEMENT, RETREATMENT IS REQUIED. FBC 1816.1.4 9. CONCRETE OVERPOUR AND MORTAR ALONITHE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TEATMENT. FBC 1816.1.5

10. SOIL TREATMENT MUST BE APPLIED UNDEFALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SEWALLS. FBC 1816.1.6

11. AN EXTERIOR VERTICAL CHEMICAL BARRIE MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.6

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

13. A CERTIFICATE OF COMPLIANCE MUST BE ISUED TO THE BUILDING DEPART-MENT BY # LICENSED PEST CONTROL COMPAY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICAT OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TRATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMEL IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMET OF AGRICULTURE AND CONS-UMER SERVICES". FBC 1816.1.7

14. AFTER ALL WORK IS COMPLETED, LOOSE WOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDIG. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING R OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3

15. NO WOOD, VEGETATION, STUMPS, CARDBCRD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSEDUILDING. FBC 2303.1.4

FRAMING ANCHOR SCHEDULE

APPLICATION MANUF'R/MODEL TRUSS TO WALL: SEMCO HDPT2. W/6 - 10d NAILS GIRDER TRUSS TO POST/HEAIADER: SIMPSON LGT, W/ 28 - 16d NAILS HEADER TO KING STUD(S): SIMPSON ST22 PLATE TO STUD: SIMPSON SP2 STUD TO SILL: SIMPSON SP1 PORCH BEAM TO POST: SIMPSON PC44/EPC44 PORCH POST TO FND.: SIMPSON ABU44 MISC. JOINTS SIMPSON A34

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

960#

1785#

1370#

1065#

585#

1700#

2200#

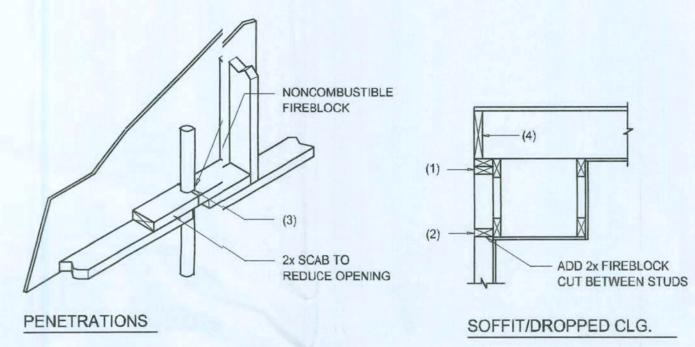
315#/240#

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

ALL UNLISTED JOINTS IN THE E LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHHORS, TYPICAL T.O. NOTE:

"SEMCO" PRODUCT APPROVAAL: MIAMI/DADE COUNTY REPORT #95-0818.15

"SIMPSON" PRODUCT APPROVVALS: MIAMI/DADE COUNTY REPORT(T #97-0107.05, #96-1126.11, #99-0623.04 SBCC1 NER-443, NER-393



FIREBLOCKING NOTES:

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

1. IN CONCEALED SPACES OF \$ STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLCOOR LEVELS.

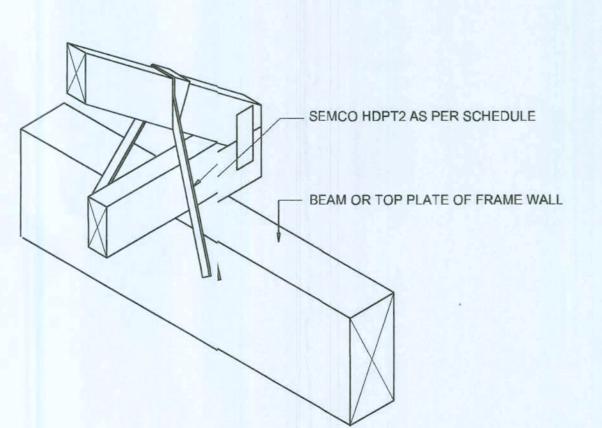
2. AT ALL INTERCONNECTIONS S BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT, T SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.

3. AT OPENINGS AROUND VENTITS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS S WITH "PYROPANEL MULTIFLEX SEALANT"

4. AT ALL INTERCONNECTIONS'S BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONNCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOGCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping, DETAILS

SCALE: NONE



SEMCO HIDPT2

SCALE: 1/2" = 1'-0" TRUSS TO WOOD BEAM



General Roofing NOTES:

ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

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

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: FASTENER'S FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS

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

ATTACHMENT:

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

UNDERLAYMENT APPLICATION:

FOR ROOF SLOPES FORM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS: 1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE

APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO 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.

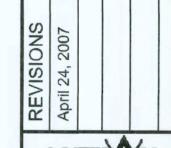
FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING: 1. BOTH TYPES 1 AND 2 ABOVE, COMBINED. 2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND

COMPLYING WITH ASTM D 224. 3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

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

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



SOFTPIAN

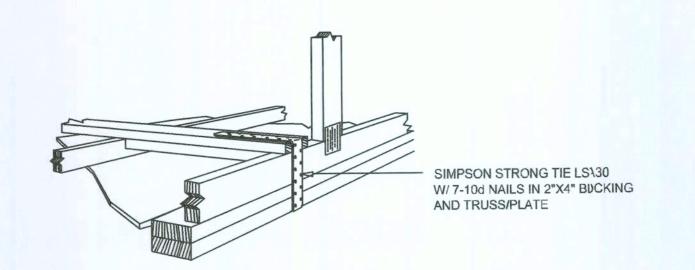
X Z Ш N $\mathbf{\Omega}$



V□M

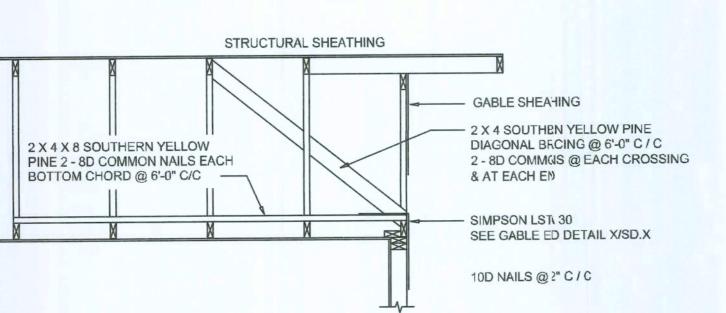
JOENUMBER 070406

SHEET NUMBER



GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE

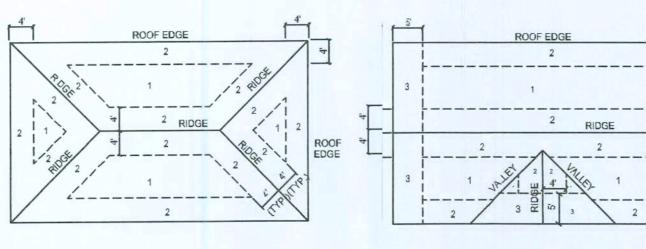


END WALL BRACING FOR CEILING DIAPHRAGM

(ALTERNATIVE TO BALLOON FRAMING)

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

ROOF SHEATHING FASTENINGS				
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING	
1		8d COMMON OR	6 in. o.c. ED _{DGE} 12 in. o.c. FI _{FIELD}	
2	7/16 " O.S.B. OR 15/32 CDX	8d HOT DIPPED GALVANIZED	6 in. o.c. EDC _{DGE} 6 in. o.c. FIE _{JELD}	
3		BOX NAILS	4 in. o.c. @ GABLE E ENDWAL OR GABLE TR RUSS 6 in. o.c. EDOGE 6 in. o.c. FIELELD	



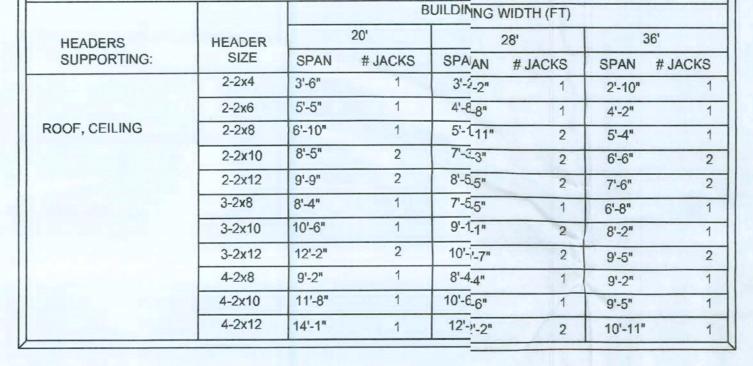
ROOF SHEATHING NAILING ZONES (HIP ROOF)

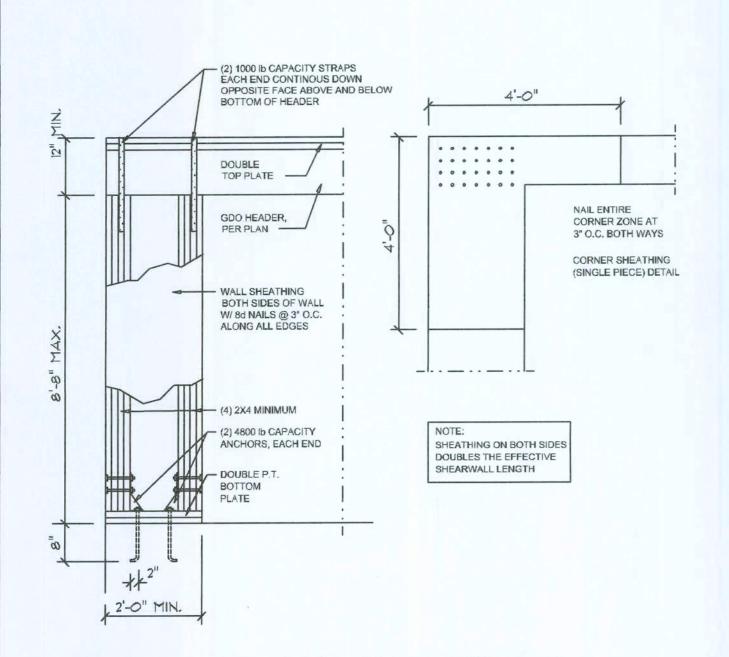
ROOF SHEATHING NAILING ZONES (GABLE ROOF)

Roof Nail Pattern DET.

SCALE: NONE

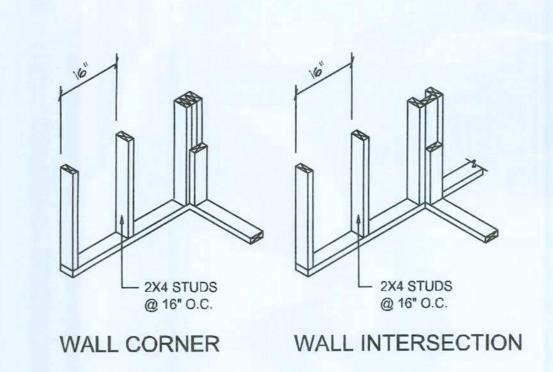
		BUILDINNG WIDTH (FT)			E WELL		
HEADERS	HEADER		20'		28'	3	36'
SUPPORTING:	SIZE	SPAN	# JACKS	SPAAN	# JACKS	SPAN	# JACKS
2	2-2x4	3'-6"	1	3'-2-2"	1	2'-10"	1
	2-2x6	5'-5"	1	4'-8-8"	1	4'-2"	1
ROOF, CEILING	2-2x8	6'-10"	1	5'-111"	2	5'-4"	1
	2-2x10	8'-5"	2	7'-3-3"	2	6'-6"	2
	2-2x12	9'-9"	2	8'-5_5"	2	7'-6"	2
	3-2v8	Q1 //"	1	7'-5 5"			-

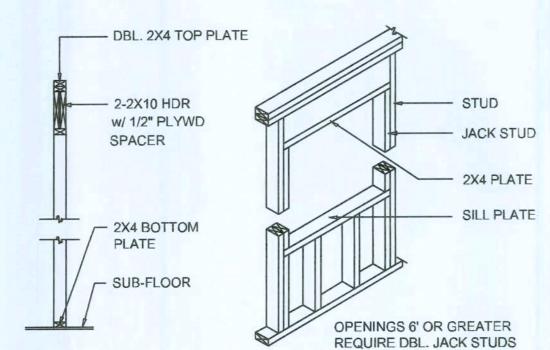




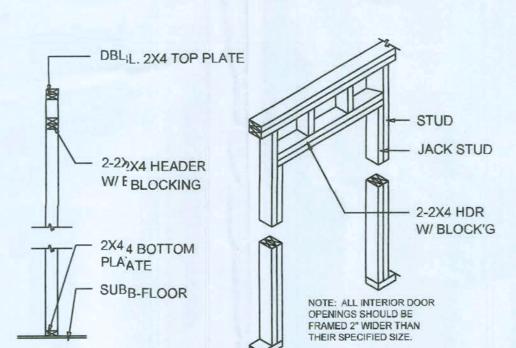
Garage End Wall DETAILS SCALE: 1/2" = 1'-0"

G

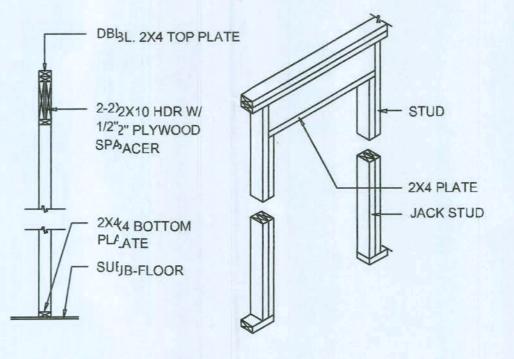




TYPICAL WINDOW HEADER



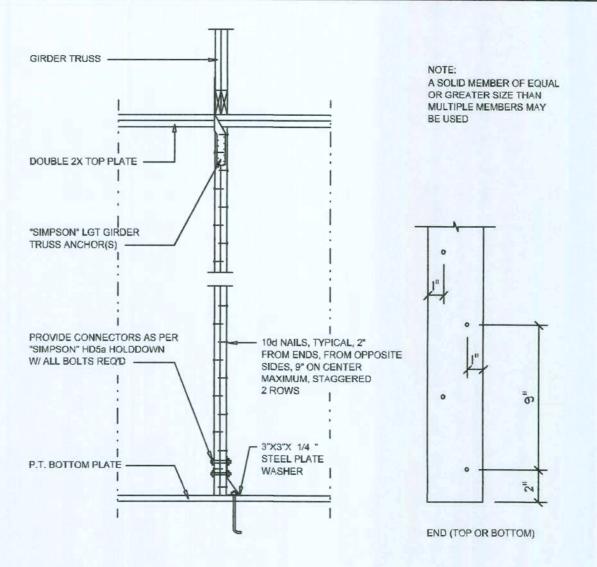
NON-BEARING WALL HEADER



BEARING WALL HEADER

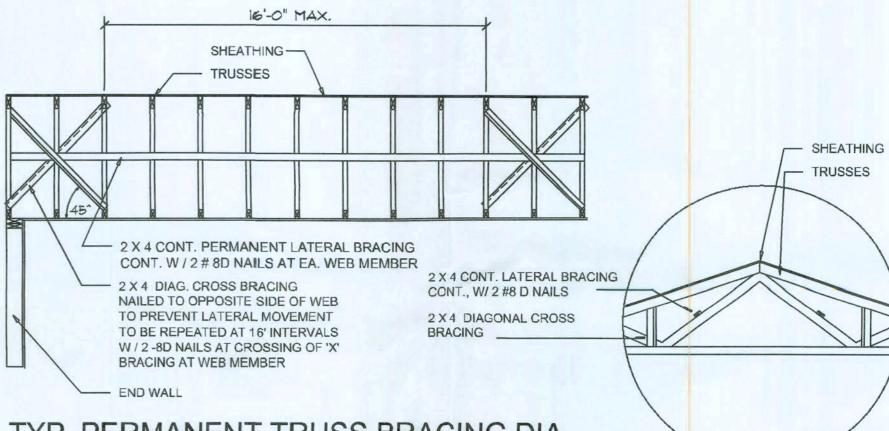
Wall Framing/Header DETAILS SCALE: NONE





Girder Truss Column DET.

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

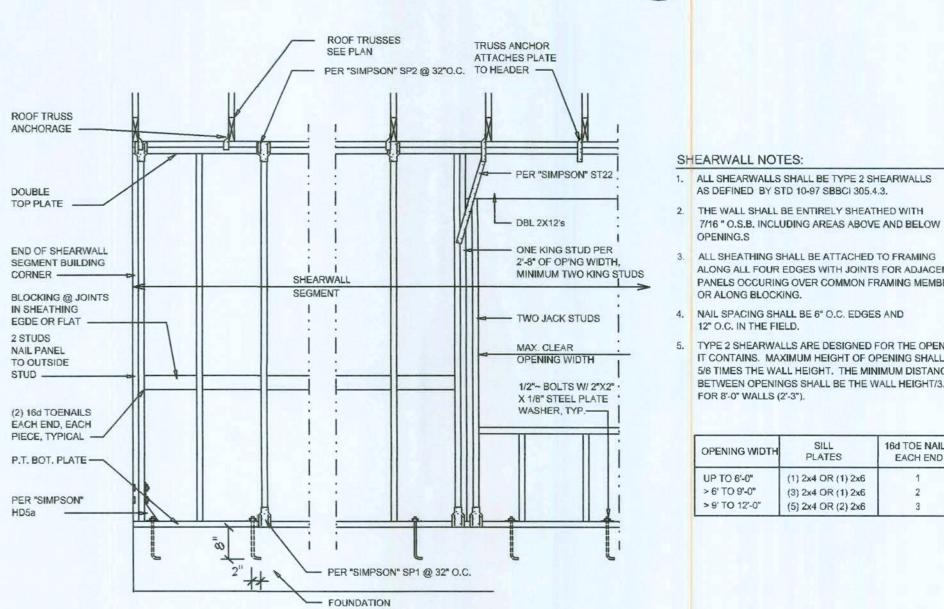


TYP. PERMANENT TRUSS BRACING DIA.

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

Truss Bracing DETAILS

SCALE: AS NOTED



Shear Wall DETAILS

SCALE: NONE

Y903 3 113

8

SHEARWALL NOTES: ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-97 SBBCI 305.4.3. THE WALL SHALL BE ENTIRELY SHEATHED WITH

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.

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

JCB NUMBER 070406

CHOLAS SEISLER SHITECT

N.C.A.R.

SOFTPLAN

SHEET

ETAILS

 $\mathbf{\Omega}$

SHEET NUMBER

OF 4 SHEETS