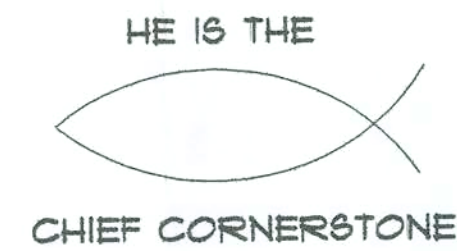


PROFESSIONAL
BUILDING DESIGN



JANUARY S. JERNIGAN
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PHONE: 386-208-1340
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GTC DESIGN GROUP

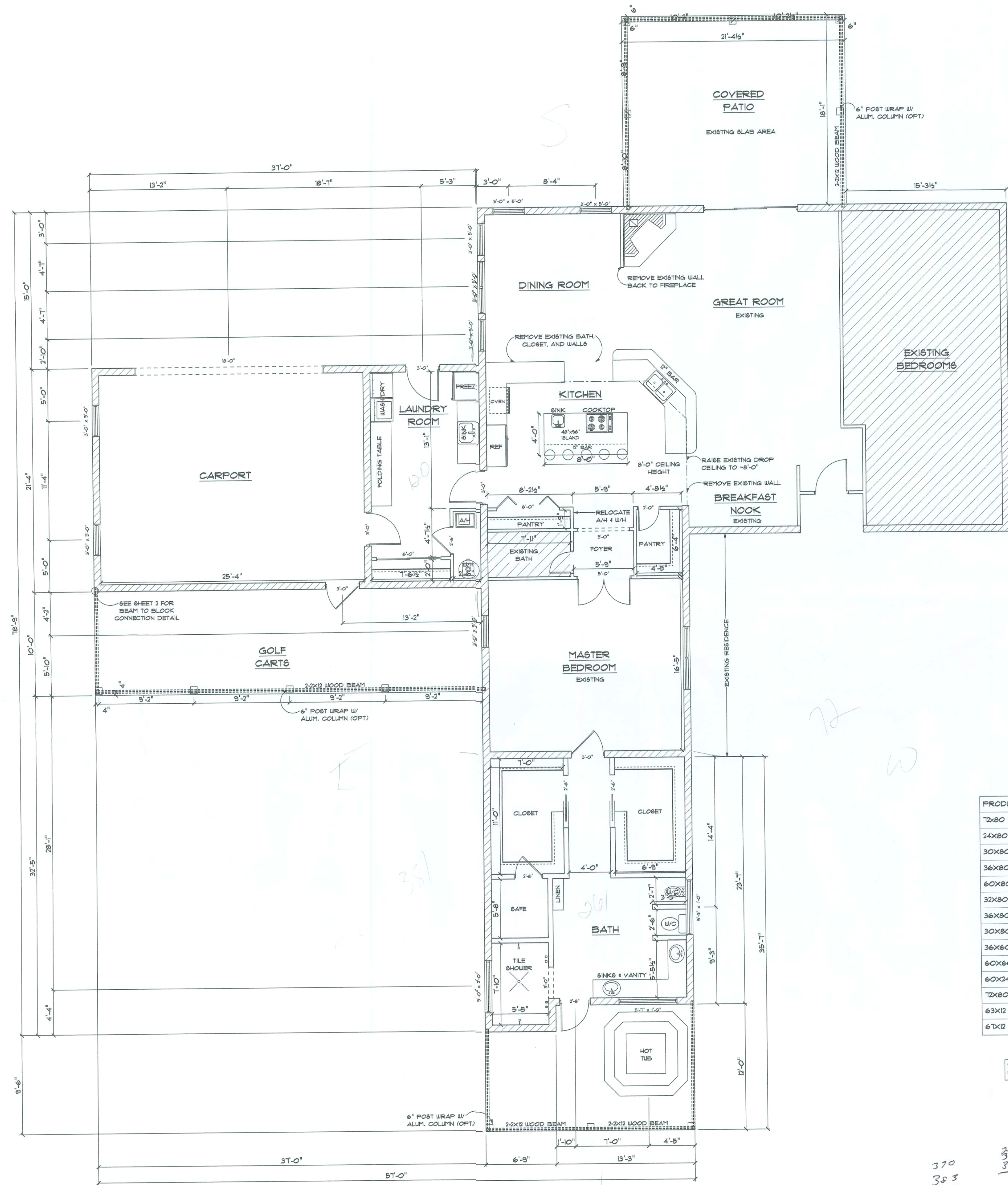
Gary Gill, P.E.
Lic#51942 Auth#9461
130 West Howard Street
Live Oak, FL 32064
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AN ADDITION FOR: HUNT/GAVERE

SHEET INDEX:

FLOOR PLAN	1
FOUNDATION PLAN	2
ELECTRICAL PLAN	3
ELEVATIONS	4
DETAILS	5-6

John
1/5/04



HEATED ADDITION AREA: 1,381 SF
 PORCH ADDITION AREA: 964 SF
 GARAGE ADDITION AREA: 554 SF
 TOTAL ADDITION AREA: 2,299 SF
 TOTAL 1,899

OPENING SCHEDULE

PRODUCT CODE	SIZE	COUNT
12X80 BIFOLD COLONIAL 2	6'-0"	1
24X80 COLONIAL A 1	2'-0"	1
30X80 COLONIAL A 1	2'-6"	2
36X80 COLONIAL A 1	3'-0"	2
60X80 COLONIAL A 2	5'-0"	1
32X80 FRENCH A 1	2'-8"	1
36X80 FRENCH A 1	3'-0"	3
30X80 COLONIAL POCKET 1	2'-6"	2
36X60 SINGLE HUNG 1	3'-0" x 5'-0"	7
60X60 SINGLE HUNG 2	5'-0" x 5'-0"	1
60X24 SLIDER	5'-0" x 2'-0"	1
12X80 SLIDING COLONIAL 2	6'-0"	1
63X12 TRANSOM (OWNER)	5'-3" x 1'-0"	1
6TX12 TRANSOM (OWNER)	5'-1" x 1'-0"	1

NOTE: VERIFY ALL WINDOW TYPES & SIZES WITH HOMEOWNER PRIOR TO ORDER/INSTALL

370
353
340
341

11/2/05

HE IS THE
 CHIEF
 CORNERSTONE

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A ADDITION FOR:
 GAYERE

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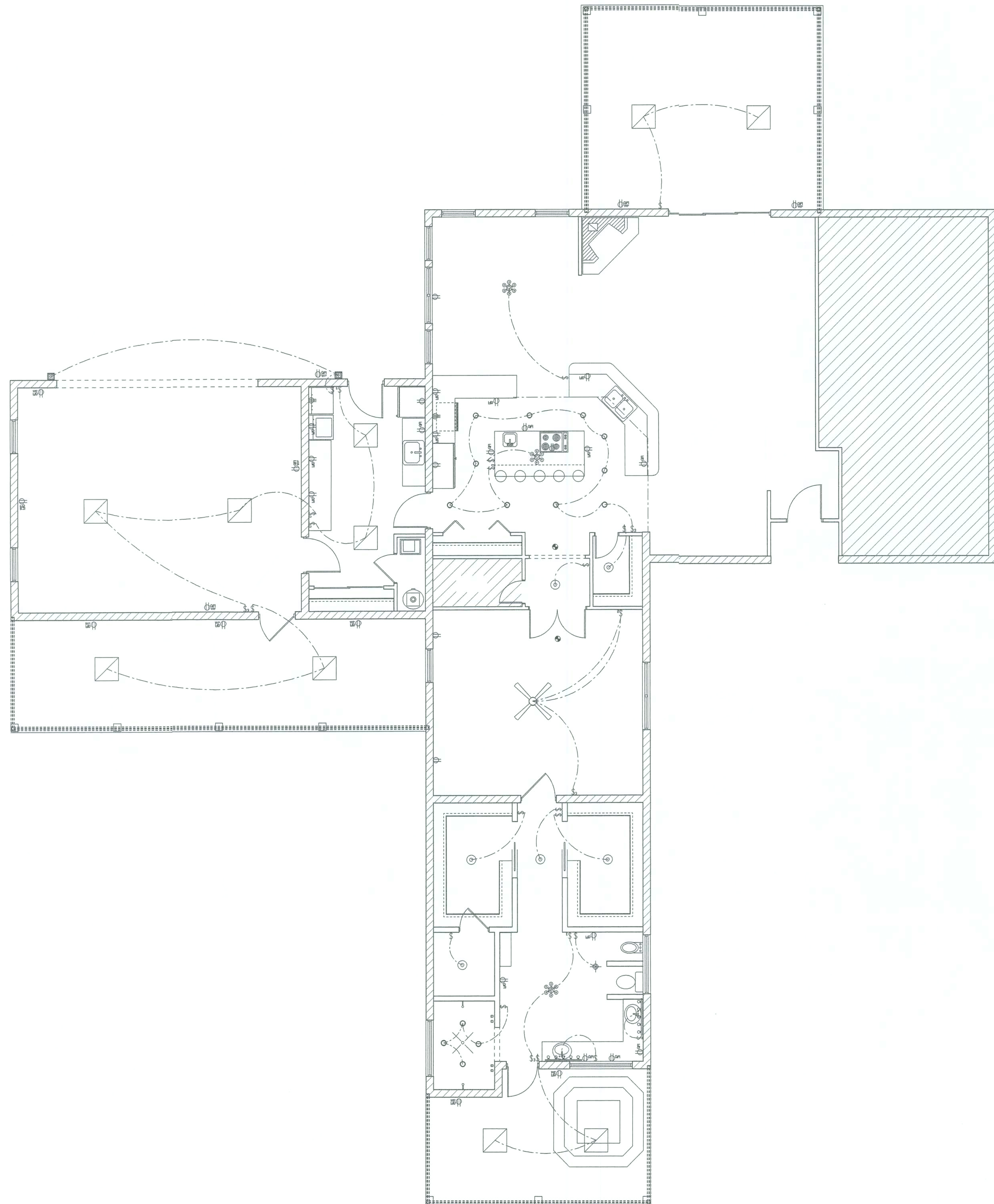
FLOOR LAYOUT
 Date: 9/3/06

Sheet Number:

1

Drawn By: JSJ

Scale: 3/16" = 1'



ELECTRICAL	COUNT	SYMBOL
ceiling fan globe	1	
ceiling lamp square	10	
ceiling globe light	6	
chandelier	3	
fan light combo	1	
pot light	14	
vanity bar light	2	
wall mount 2	2	
outlet up	12	
outlet	5	
outlet 220v	3	
outlet gf	17	
smoke detector	2	
switch	16	
switch 3 way	3	
switch double	1	

NOTE: LICENSED ELECTRICIAN MUST
VERIFY THAT ADDITIONAL LOAD MAY
BE ADDED TO MAIN PANEL

NOTE:
1. OUTLETS LOCATED IN KITCHEN, BATH,
MEDIA CENTER & BEHIND REFRIGERATOR
SHALL BE A MINIMUM OF 4'-0" A.F.F.
2. ALL OTHER OUTLETS SHALL BE A MINIMUM
OF 12" A.F.F. UNLESS OTHERWISE SPECIFIED.
3. PLACE SWITCH PLATES A MINIMUM OF 2 1/2"
FROM DOOR TRIM
4. ALL PHONE/MULTIMEDIA OUTLETS SHALL BE
PLACED PER OWNER
5. SMOKE ALARMS SHALL BE BATTERY OPERATED
AND HARD-WIRED INTO THE ELECTRICAL SYSTEM
(ONE CIRCUIT CONNECTION TO PANEL) OR TO BE
PLUG-IN ALARM
6. TOILET ROOMS AND BATHROOMS REQUIRE
OUTDOOR VENTILATION AREA-50 CFM (INTERMITTENT)
OR 20 CFM (CONTINUOUS)
7. ALL BRANCH-CIRCUITS THAT SUPPLY 125 VOLT,
SINGLE PHASE, 15 20AMP OUTLETS LOCATED IN
DWELLING-UNIT BEDROOMS MUST BE PROTECTED BY
AN ARC-FAULT CIRCUIT INTERRUPTER TO PROVIDE
PROTECTION OF THE ENTIRE BRANCH-CIRCUIT

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GAYERE

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ELECTRICAL LAYOUT

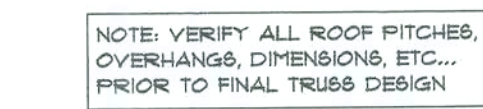
Date: 9/9/06

Sheet Number:
3

Drawn By: JSJ

Scale: 3/16" = 1'

11/8/06



Scale: $3/16" = 1'$

11/8/06

TYPICAL SECTION

SCALE: NTS

SHINGLES(MATCH EXIST) ON 30# FELT
ON 15/32" OSB ON PRE-ENGINEERED
TRUSS (SEE PACKET FROM TRUSS MANUF.)
W/ 18" TYPICAL OVERHANG (OR MATCH EXIST)
AT 2' O.C. (OSB NAILED W/ 8d COMMONS
@ 4" O.C. ON EDGES & 6" O.C. IN FIELD)

R30 CEILING INS.

EMBED SIMPSON HETA @
EACH END OF TRUSS
WRAP EXCESS OVER
TOP AND NAIL.

2 X 6 SPRUCE FASCIA W/
VENTED ALUM. SOFFIT

5/8" SHEETROCK
SIMPSON SSTB ANCHOR
BOLT (SEE DETAIL RIGHT)

8" CMU BOND BEAM UNIT
OR LINTEL. FILL ALL CELLS WITH GROUT.

4-#5 REBAR REINFORCEMENT
(ABOVE OPENINGS)

OPENING (SEE FLOORPLAN
FOR EXACT SIZES AND
PLACEMENT)

1/2" SHEETROCK

APPLY STUCCO SCRATCH COAT @ 3/8"
DIRECTLY TO CLEAN CMU WALL. APPLY
FINISH COAT @ 1/4" THICK.

#9 LAT. EVERY OTHER COURSE

4" CONCRETE SLAB W/ WIRE MESH
ON VAPOR BARRIER ON CLEAN,
COMPACTED SANDY LOAM

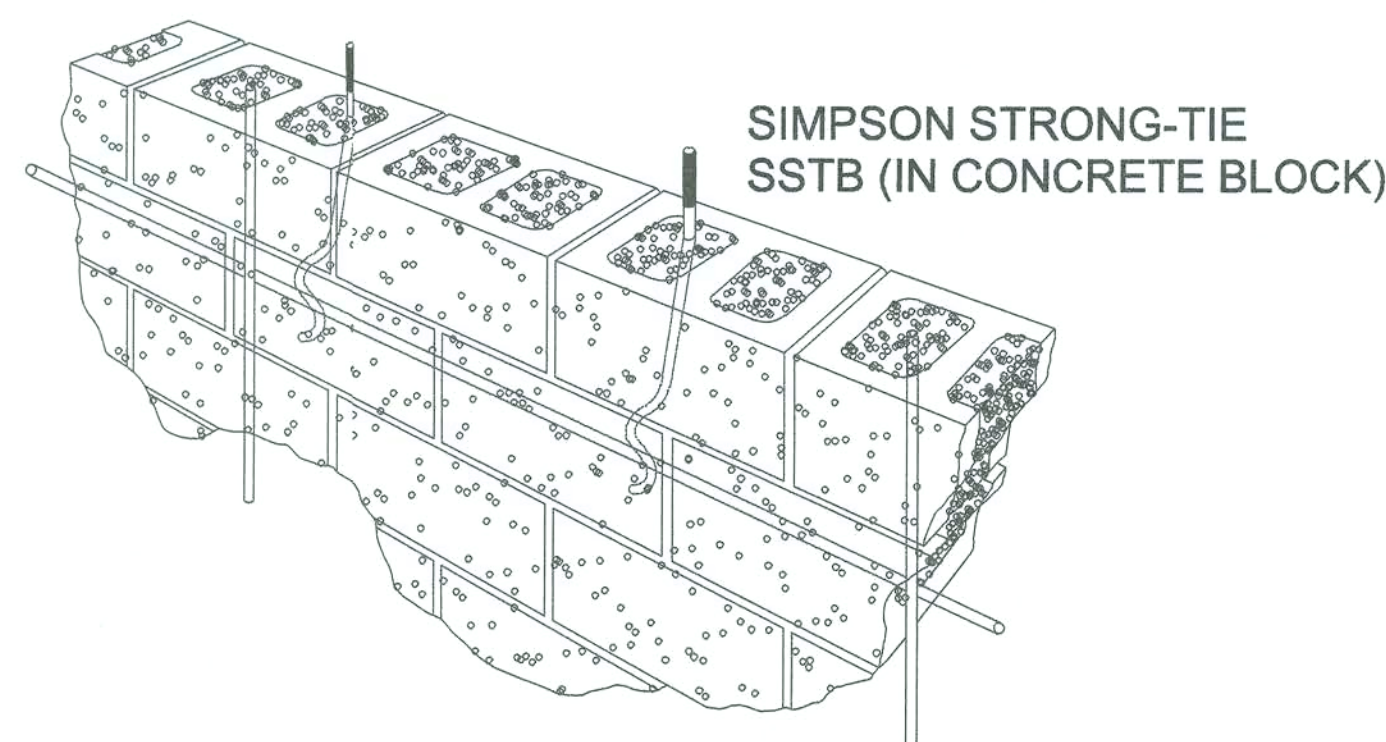
8 X 8 X 16 C.M.U.
W/ TYPE S MORTAR

GRADE

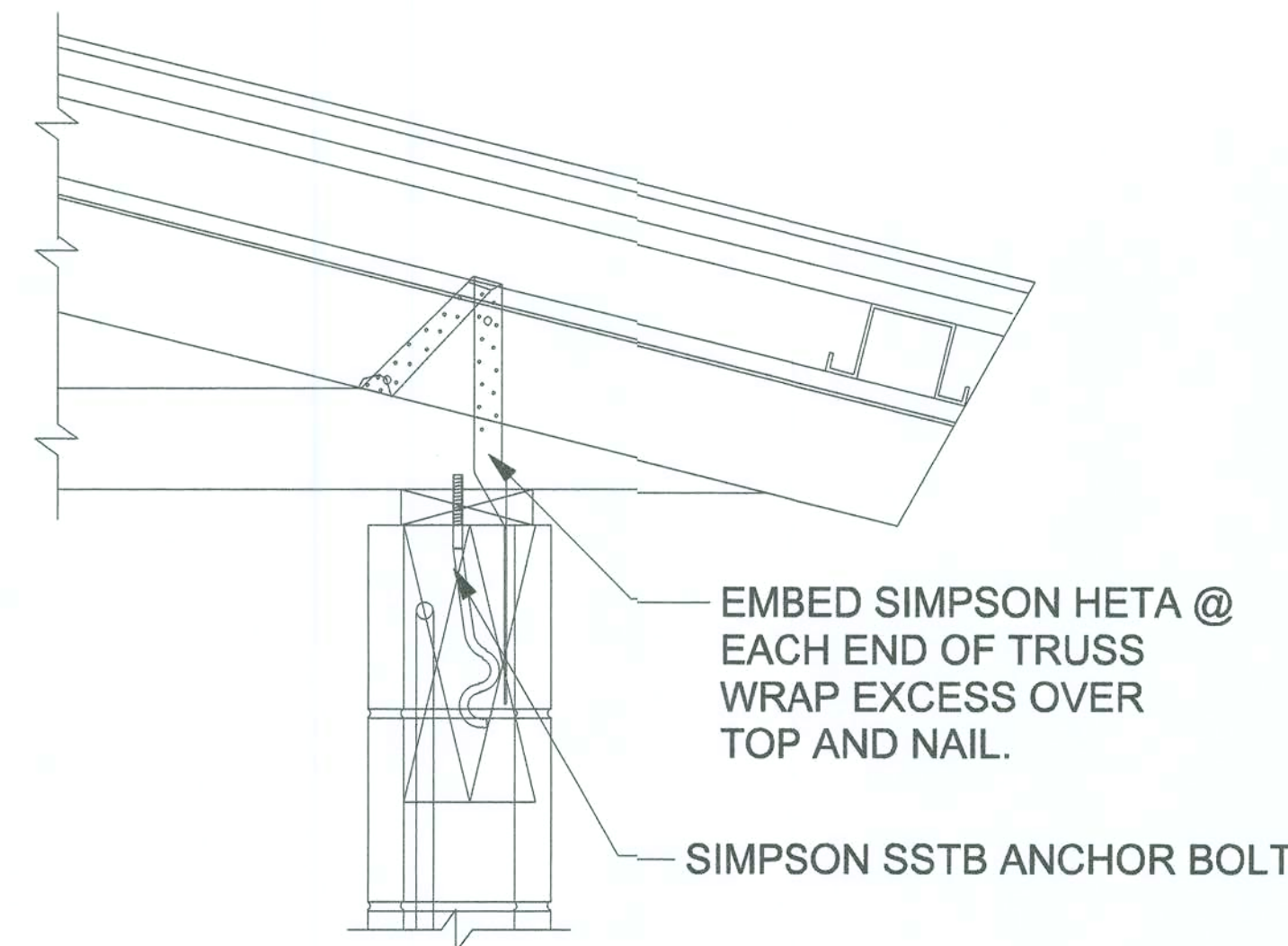
10" X 20" FOOTER W/ 3 #5 REBAR

#5 REBAR CONT. FROM FOOTER
TO TOP OF STEM WALL @ 4' O.C.
AND CORNERS W/ GROUTED CELL
TIE TO #5 IN BLOCK WALL AT 32"

(1) #5 REBAR CONT.
REBAR TO HAVE MIN.
3" COVERAGE

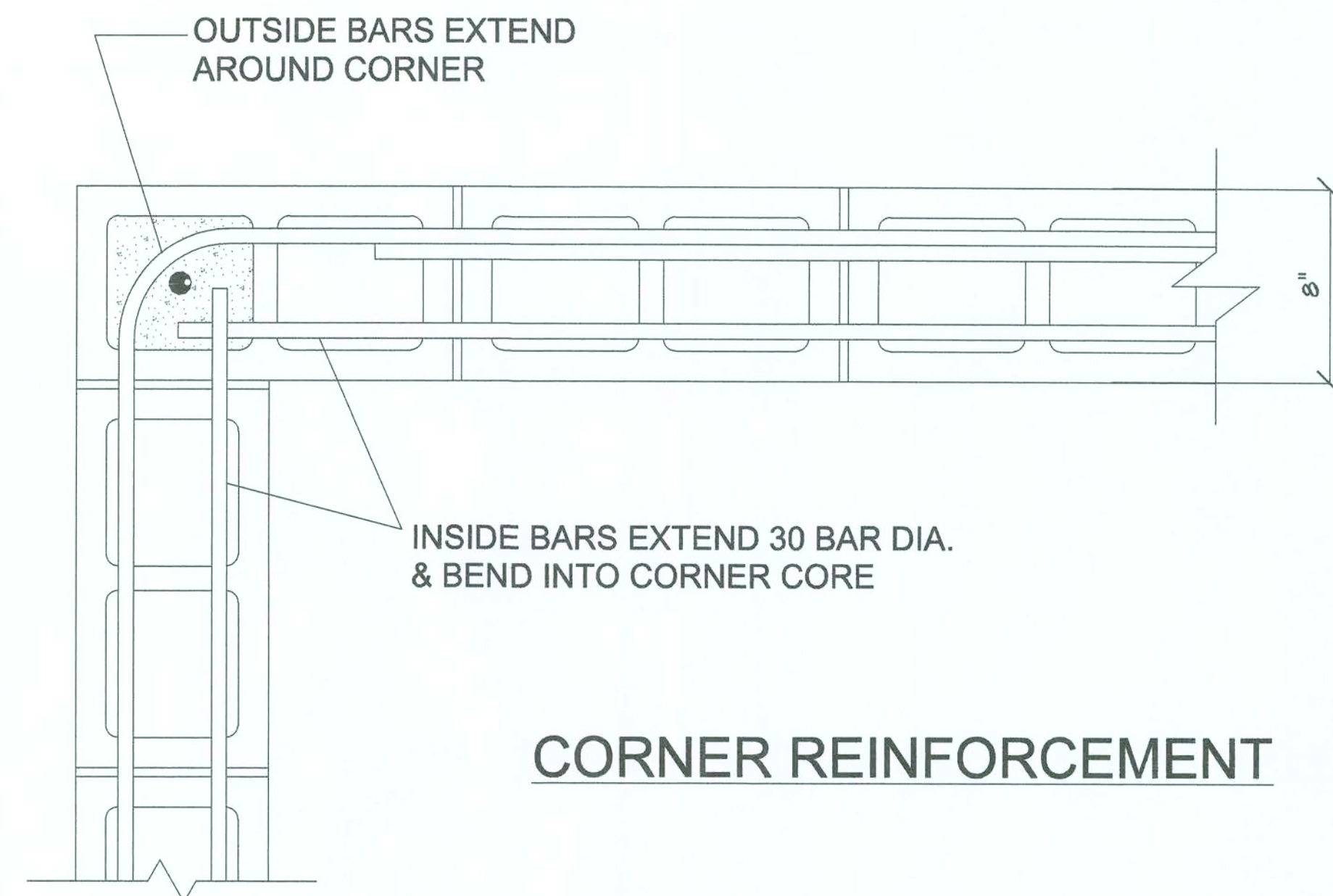


SIMPSON STRONG-TIE
SSTB (IN CONCRETE BLOCK)



EMBED SIMPSON HETA @
EACH END OF TRUSS
WRAP EXCESS OVER
TOP AND NAIL.

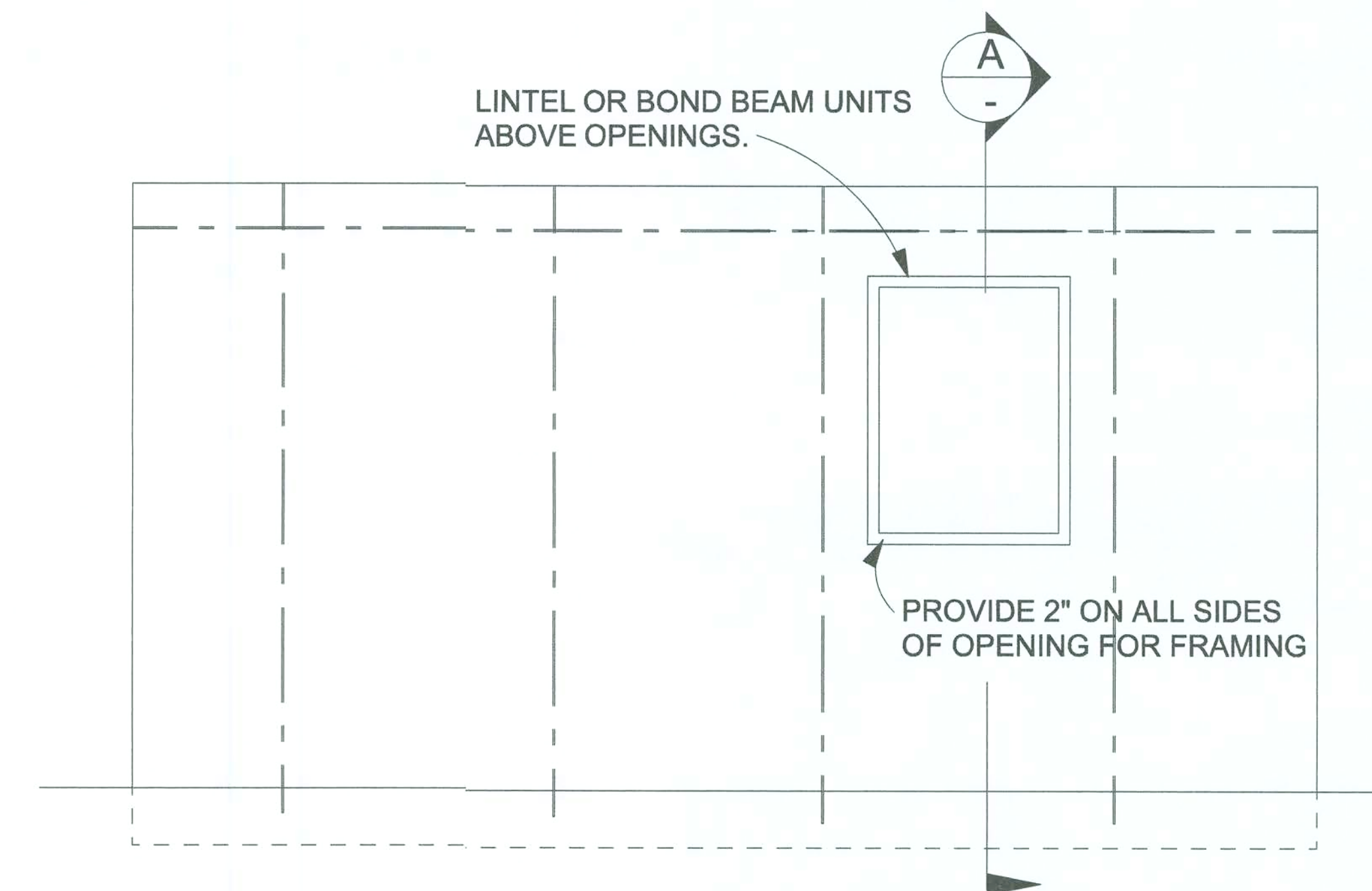
SIMPSON SSTB ANCHOR BOLT



OUTSIDE BARS EXTEND
AROUND CORNER

INSIDE BARS EXTEND 30 BAR DIA.
& BEND INTO CORNER CORE

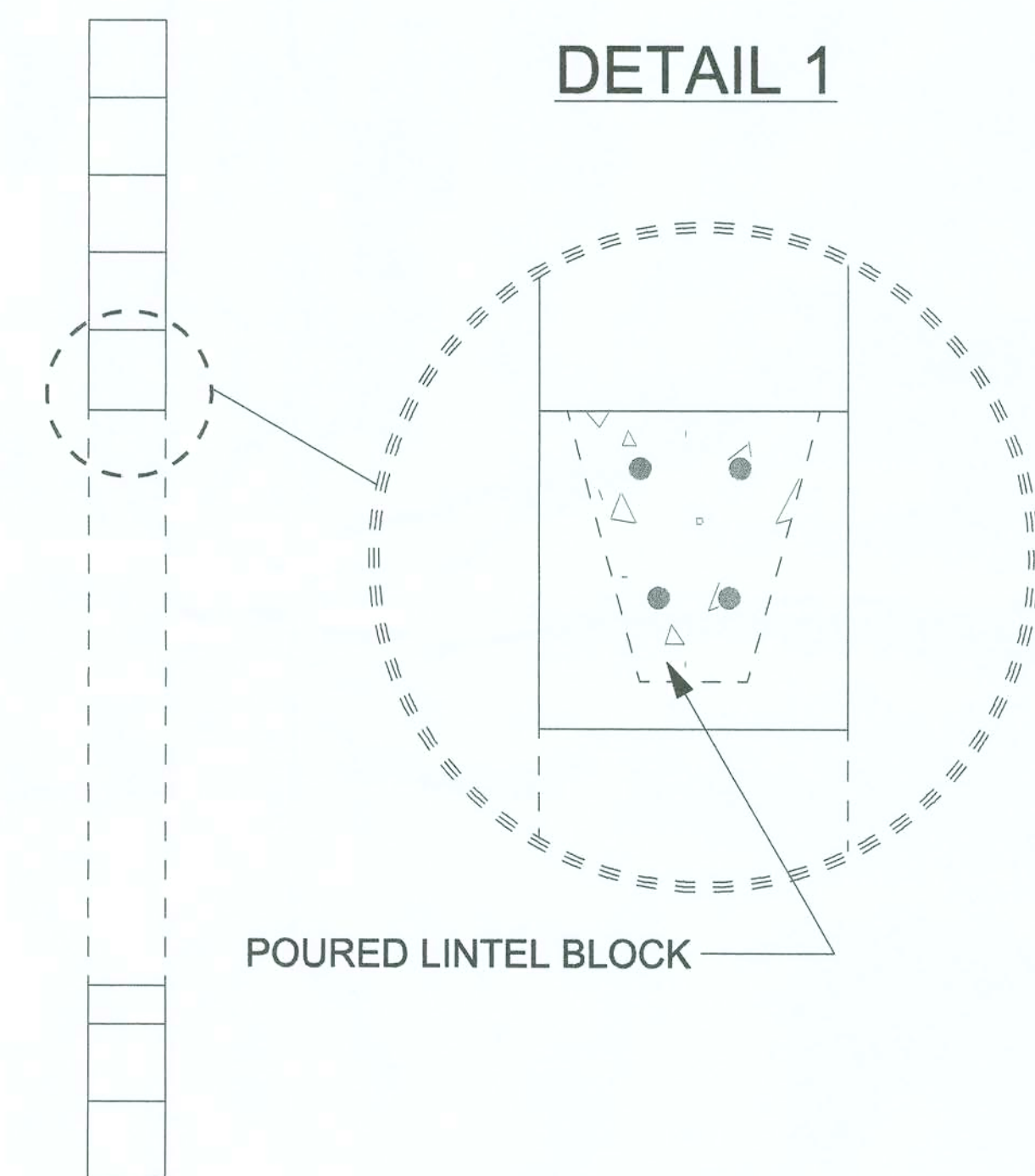
CORNER REINFORCEMENT



LINTEL OR BOND BEAM UNITS
ABOVE OPENINGS.

PROVIDE 2" ON ALL SIDES
OF OPENING FOR FRAMING

CMU WALL DETAIL

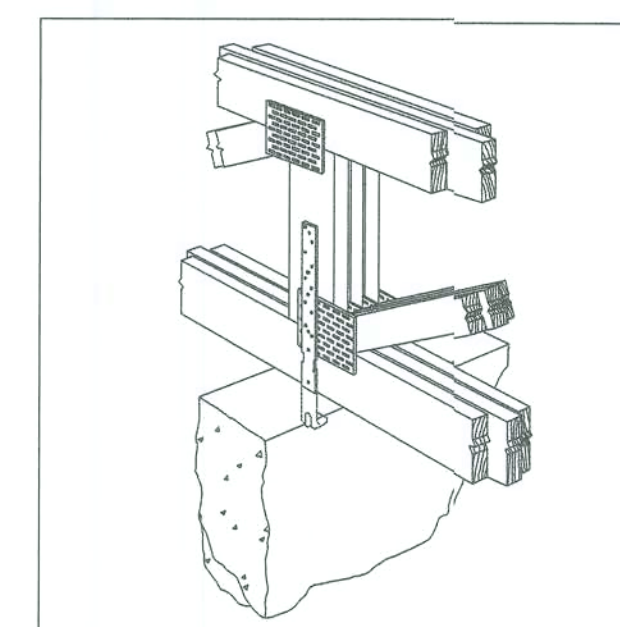


DETAIL 1

POURED LINTEL BLOCK

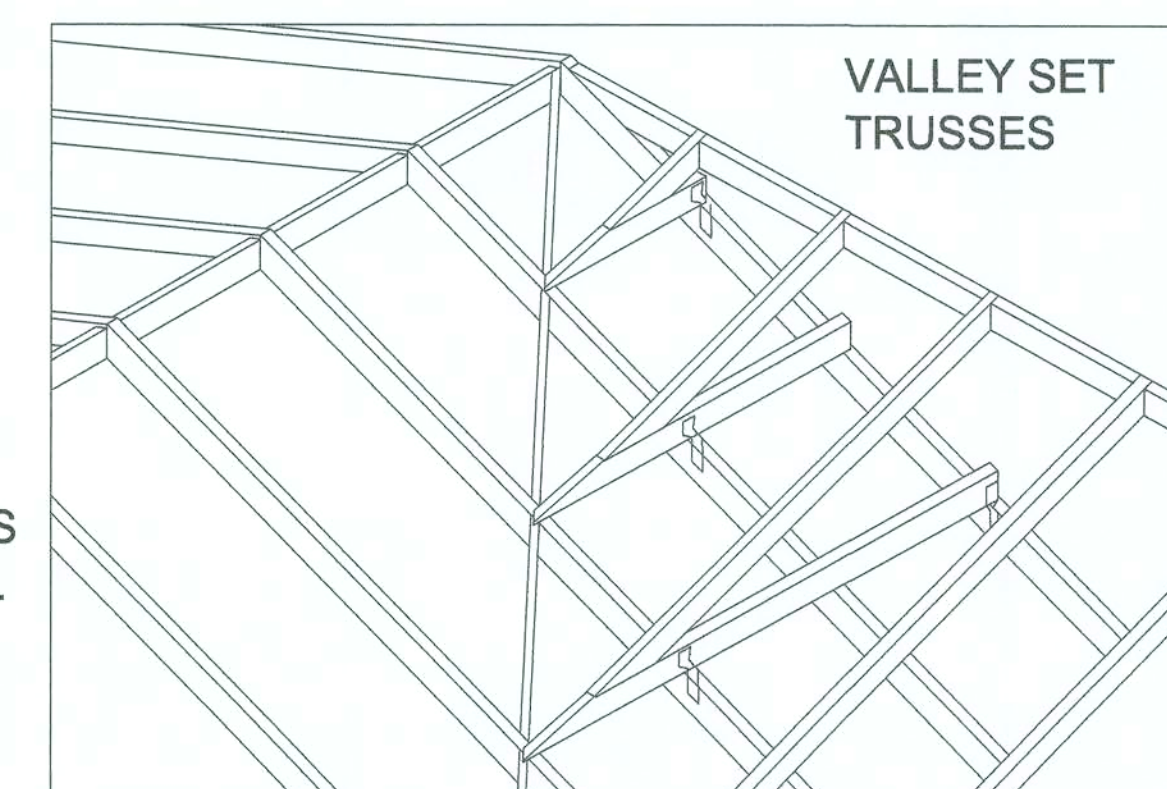
OPENING SECTION A

SIMPSON STRONG-TIE
HETA20



(3)16d TOENAILS
EACH END, TYP.

ROOF TRUSS
TOP CHORDS



VALLEY SET
TRUSSES

PROVIDE CLIPS AT ALTERNATE
LOCATIONS EACH WAY, 370 POUND
CAPACITY EACH.

2x4 BLOCKING ALONG
ENTIRE HIP LINE

CONTINUOUS 2x4 MIN. VALLEY
BLOCKING, (2)16d TOENAILS EACH
END, EACH PIECE. THIS SHEATHING
FROM ADJACENT PLANES TO BE
CONNECTED TO COMMON TRUSSES
AND BLOCKING

HE IS THE
CHIEF
CORNERSTONE

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DETAIL 1

Date: 9-9-06

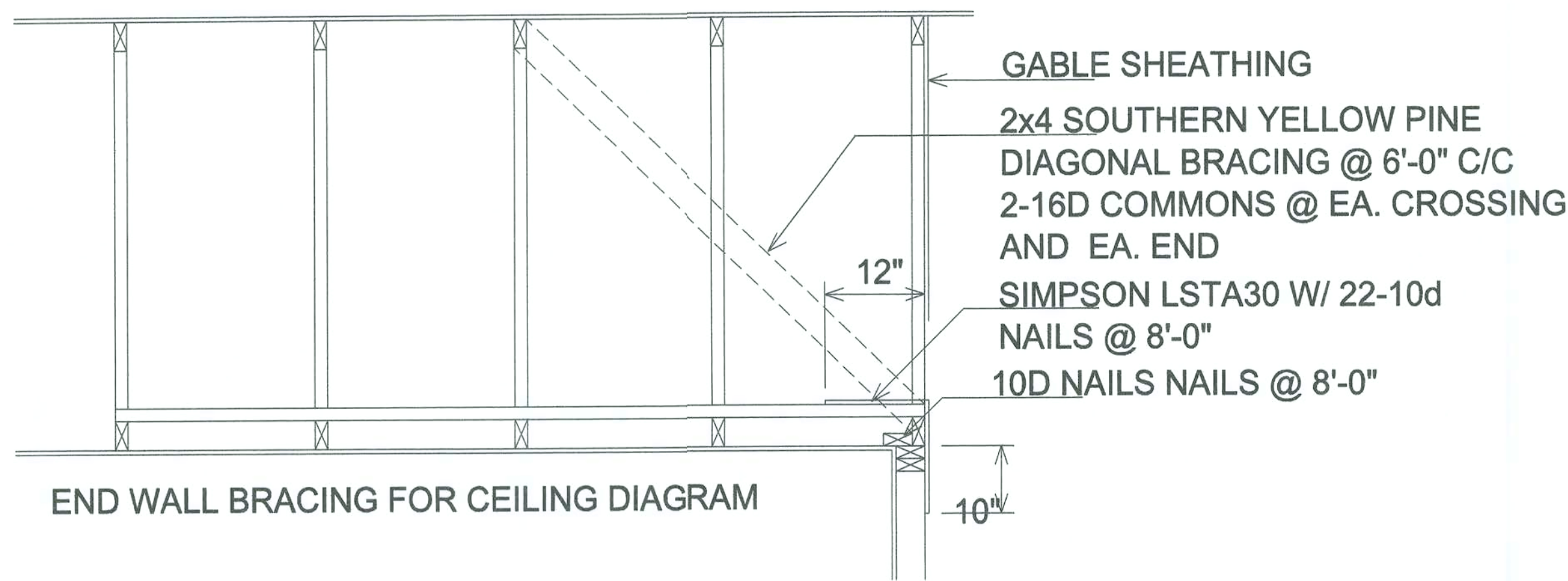
Sheet Number:

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Drawn By: JSJ

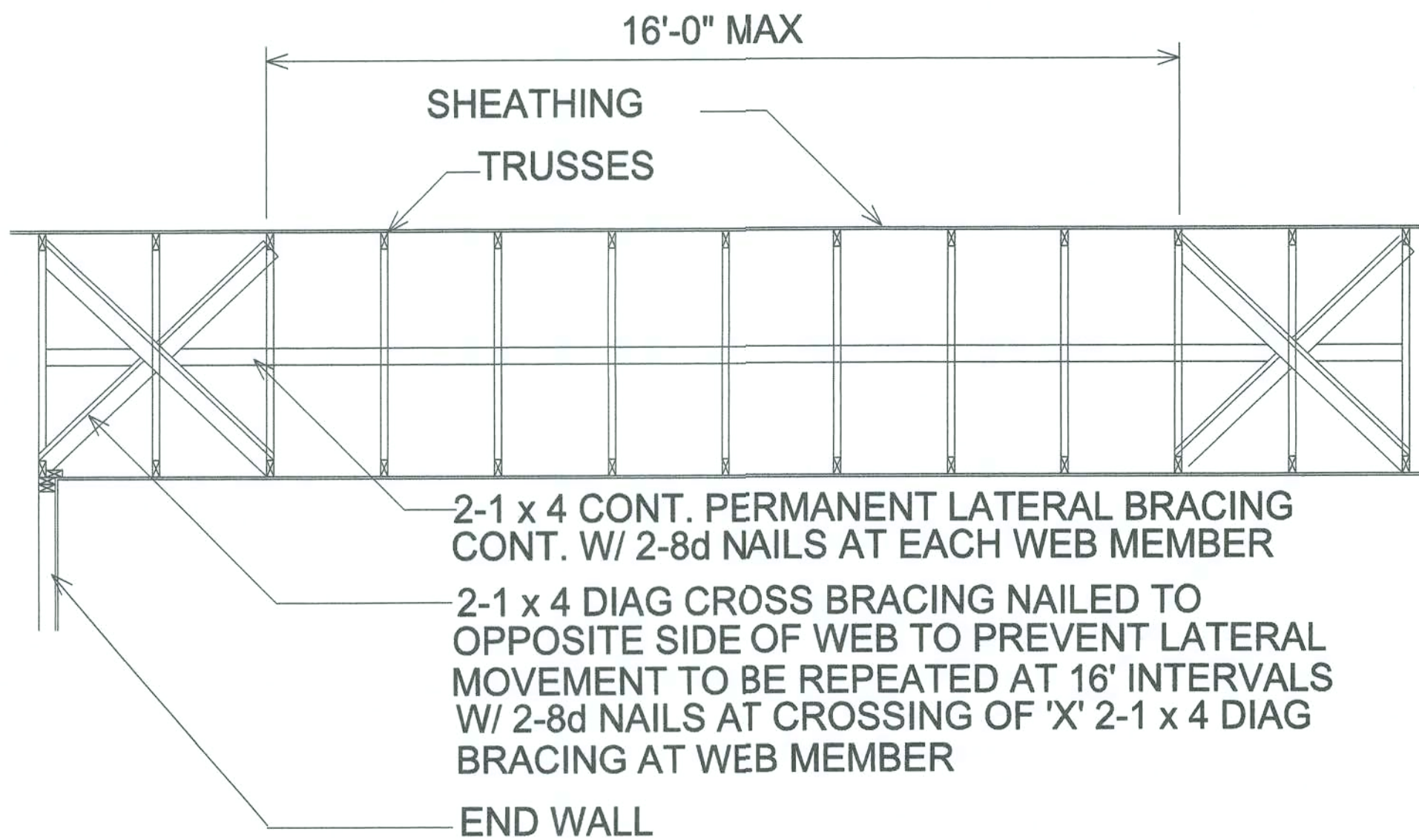
Scale: N.T.S.

6/11/10



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

TYPICAL PERMANENT TRUSS BRACING DIAGRAM



BETTERBILT
PRODUCT CATEGORY: WINDOWS
SUB CATEGORY: SINGLE HUNG

PRODUCT	STATE OF FL APPROVAL#
SINGLE HUNG	FL-0663, 2786
FIXED	FL-0676
DOUBLE HUNG	FL-0667, 0684

RELIABILT
PRODUCT CATEGORY: DOORS
SUB CATEGORY: EXTERIOR

PRODUCT	STATE OF FL APPROVAL#
ENTRY DOOR	FL-1031,1034

PELLA CORP.
PRODUCT CATEGORY: DOOR
SUB CATEGORY: SWINGING

PRODUCT	STATE OF FL APPROVAL#
ALUM FRENCH	FL-0429
ENTRY DOOR	FL-1121.1

NOTE: DOORS/WINDOWS TO
BE EQUAL OR BETTER

DESIGN LOAD

- LIVE LOAD = 20 PSF
- DEAD LOAD = 10 PSF
- WIND LOADS
BASIC WIND SPEED = 110 MPH (3 SEC GUST)
IMPORTANCE (I) = 1.0
WIND EXPOSURE = "B"

COMPONENT AND CLADDING WIND LOAD
WINDOWS/DOORS: 21.77/-29.15
ROOFING: 12.54/-19.92

SIMPSON ANCHOR SYSTEMS
PRODUCT CATEGORY: STRUCTURAL COMPONENT
SUB CATEGORY: WOOD CONNECTORS ANCHORS
MANUFACTURER: SIMPSON STRONG-TIE CO.

PRODUCT	STATE OF FL APPROVAL#	EXPIRATION DATE
ACRYLIC TIE (AT)	FL-2304.1	4-20-06
DROP-IN (DIA)	FL-0402.1	10-01-05
ET EPOXY	FL-0402.2	10-01-05
SET EPOXY	FL-0402.3	10-01-05
SLEEVE ANCHOR	FL-0402.5	10-01-05
TITEN HD (THD)	FL-2304.2	4-20-06
TITEN (TTN)	FL-2355.1	PENDING
WEDGE ANCHOR	FL-0402.4	10-01-05

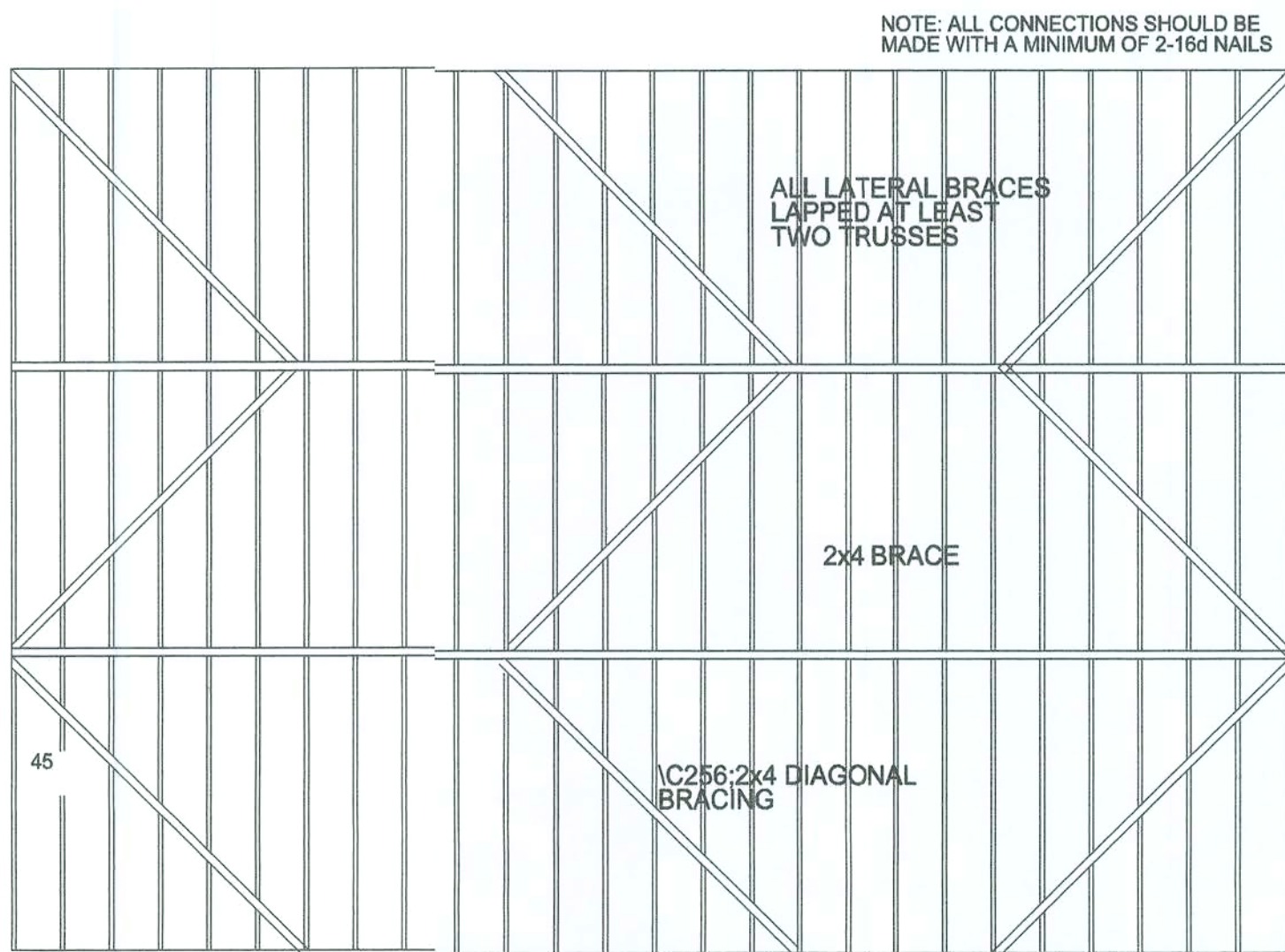
SHEATHING NOTES:

- ROOF SHEATHING TO BE WOOD STRUCTURAL PANEL RATED SHEATHING OR BETTER, EXPOSURE 1
- ROOF SHEATHING SHALL BE 15/32" THICKNESS OR GREATER
- ROOF TRUSSES @24" O.C. MINIMUM

NAILING PATTERN

ZONE ① 12" O.C. MAX IN FIELD, 6" O.C. MAX PANEL EDGES
ZONE ② 6" O.C. MAX IN FIELD AND AT EDGES

NAILS SHALL BE 8d COMMON FOR 7/16" & 15/32"
10d COMMON FOR 1/2", 19/32" & 5/8"



TRUSS BOTTOM CHORD BRACING PLAN

SCALE: N.T.S.

GENERAL NOTES

SPECIFICATIONS

DESIGN, MATERIAL, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING STANDARDS, UNLESS OTHERWISE MODIFIED ON THE DRAWINGS:

ASCE 7 MINIMUM DESIGN LOAD FOR BUILDINGS & OTHER STRUCTURES.
ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
ACI 315 MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES.
ACI 301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
CRSI RECOMMENDED PRACTICE FOR PLACING REINFORCING STEEL.
ACI 530/ASCE 5/TMS 402 BUILDING CODE FOR MASONRY STRUCTURES
2001 FLORIDA BUILDING CODE 2002 REV.

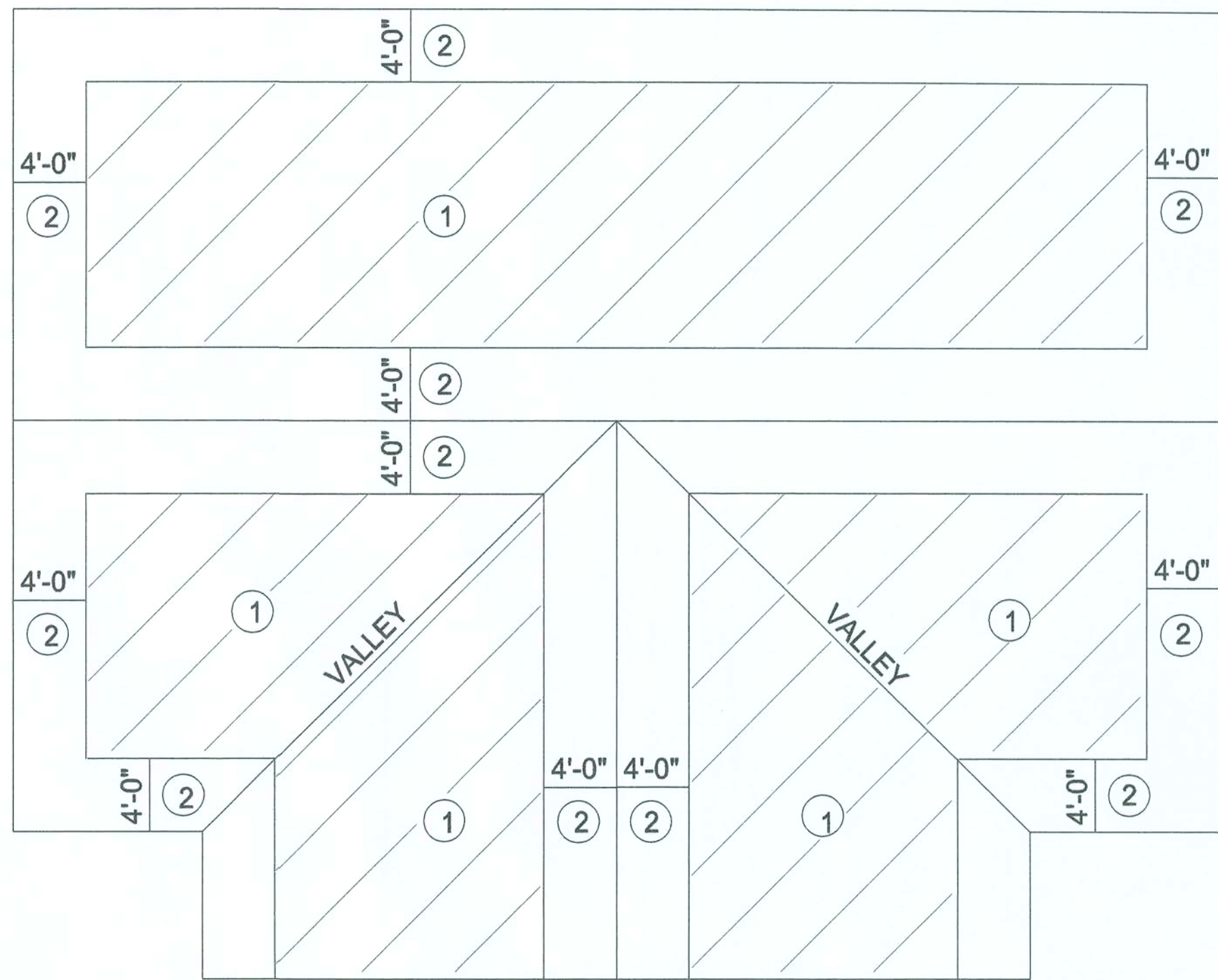
BUILDING MATERIAL

1. ROOF

- ROOF SHEATHING SHALL BE 15/32 APA RATED SHEATHING NAILED W/ 8d COMMON NAILS SPACED 6" MAXIMUM AT SUPPORTED EDGES. SPACE NAILS MAXIMUM 12" ALONG INTERMEDIATE FRAMING MEMBERS. FASTENERS SHALL BE LOCATED 3/8" FROM PANEL EDGES. MINIMUM NAIL PENETRATION SHALL BE 1 3/8" TYP.
- NAIL SPACING SHALL BE 4" O.C. WITH 8d COMMON NAILS ALONG ROOFING MEMBER OVER GABLE END TRUSS.
- PER APA, STRUCTURAL DIAPHRAGM CAPACITY = 240 plf (NOT INCLUDING 40% INCREASE PER FBC 2313.2.4.

SIMPSON CONNECTOR SCHEDULE

TYPE	UPLIFT CAPACITY (LBS)	LATERAL CAPACITY (LBS)	LOCATION
LTA1	1,470	1250 PAR/350 PERP	TRUSS TO BLOCK
H3.0	455	160 PAR/125 PERP	TRUSS TO BEAM
HETA20	1,890	750 PAR/335 PERP	GABLE END CONNECTION
ABU66	2,300	-/-	POST TO BEAM
AC66	1,430	-/715 PERP	POST TO CONCRETE



2. TRUSSES

- TRUSSES SHALL BE PRE-ENGINEERED ACCORDING TO DESIGN LOAD.
- TRUSSES SHALL BE BRACED PER TRUSS PLATE INSTITUTE (TPI) HIB-91. SEE DRAWING S-2 FOR DETAILS.

3. INTERIOR FINISHES

- ALL GYPSUM BOARD SHALL HAVE A MINIMUM THICKNESS OF 5/8"
- GYPSUM BOARD ON WALL SHALL BE ATTACHED WITH 1 3/8" DRYWALL NAILS @ 8" O.C.
- GYPSUM BOARD ON CEILING (FIRE RATED) SHALL BE ATTACHED 1 3/8" DRYWALL NAILS @ 7" O.C.

4. MASONRY WALLS

- ASSUMED MAXIMUM COMPRESSIVE STRENGTH = 1500 psi (GROUTED HOLLOW CONCRETE UNITS - GRADE N)
- VERTICAL REINFORCING IN WALLS SHALL BE #5 RE-BAR SPACED 48" OC (TYP).
- HORIZONTAL REINFORCING IN WALLS SHALL BE LADDER TYPE JOINT REINFORCING 9 GAUGE WIRE
- THE REINFORCING SHALL BE A MINIMUM GRADE 40.
- PROVIDE CLEANOUTS IN THE BOTTOM COURSE OF MASONRY FOR EACH GROUT POUR, WHEN THE GROUT POUR EXCEEDS 5 FT. CONSTRUCT CLEANOUTS ADJACENT TO EACH VERTICAL BAR.

5. CONCRETE FOOTINGS AND SLABS

- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSF IN 28 DAYS.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 40.
- WELDED WIRE MESH SHALL CONFORM TO ASTM A185.
- PROVIDE A MINIMUM COVER OF 3" FOR REINFORCING STEEL WHEN THE CONCRETE IS PLACED DIRECTLY AGAINST THE GROUND. CONCRETE EXPOSED TO EARTH OR WEATHER SHALL HAVE A MINIMUM COVER OF 1 1/2" INCHES.
- WELDED WIRE FABRIC SHALL HAVE A MINIMUM YIELD STRENGTH OF 65,000 psi.
- MINIMUM WWF FOR SLAB ON GRADE SHALL BE 6x6-W1.4x1.4
- A VAPOR RETARDER CONSISTING OF 6 MIL MINIMUM POLYETHYLENE WITH JOINTS LAPPED 6 INCHES AND SEALED WITH 2" APPROVED TAPE OR MASTIC, OR OTHER APPROVED MATERIALS HAVING A MAXIMUM PERM RATING OF 0.5
- 6. SOIL PREPARATION AND PROPERTIES
 - AREA UNDER FOOTINGS, FOUNDATIONS, AND CONCRETE SLABS SHALL HAVE ALL VEGETATION, STUMPS, ROOTS, AND FOREIGN MATTERS SHALL BE REMOVED TO THEIR CONSTRUCTION.
 - FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL
 - ALLOWABLE BEARING PRESSURE = 1500 psf

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DETAIL 2

Date: 9-9-06

Sheet Number:

6

Drawn By: JSJ

Scale: NTS