

MORTON BUILDINGS GENERAL SPECIFICATION

LAMINATED COLUMNS - NO. 1 OR BETTER SOUTHERN YELLOW PINE NAIL LAMINATED 3 MEMR S4S COLUMNS USED IN MORTON BUILDINGS ARE PRESSURE TREATED BELOW GRADE TO A RETENTION OF .8 DUNDS PER CUBIC FOOT WITH CHROMATED COPPER ARSENATE TYPE III, OXIDE IN CONFORMANCE WITH JSEPA GUIDELINES AND AWP STANDARD C28. THE TREATED PORTION OF THE COLUMN EMBEDDED IN GROUND SHALL BE LAMINATED WITH STAINLESS STEEL NAILS.

FOOTINGS AND ANCHORAGE - COLUMN HOLES ARE DUG A MINIMUM DEPTH OF 4'-8" BELOW GRADE (SEE PLANS FOR DIAMETER AND DEPTH). COLUMNS WITH GALVANIZED SUPPORT SILTS ARE PLACED IN THE HOLE. CONCRETE (MINIMUM COMPRESSIVE STRENGTH 2500 PSI) IS POURED IN PLACE TO THE SPECIFIED THICKNESS (SEE PLANS FOR REQUIRED THICKNESS ABOVE AND BELOW THE COLUMN). THE COLUMN IS THEN BACKFILLED WITH SOIL AND COMPACTED AT 8" INTERVALS OR BACKFILLED WITH CONCRETE (SEE PLANS).

TREATED LUMBER - PRESSURE PRESERVATIVE TREATED LUMBER OTHER THAN LAMINATED COLUMNS ARE NO. 1 OR BETTER SOUTHERN YELLOW PINE AND CENTER MATCHED OR NOTCHED AND GROOVED, RESSURE TREATED TO A NET RETENTION OF .4 POUNDS PER CUBIC FOOT WITH A CODE AND INDUSTRY PROVED PRESERVATIVE TREATMENT IN ACCORDANCE WITH AWP USE CATEGORY UC4A.

FRAMING LUMBER - SIDING NAILERS ARE 2x4 S4S OR 2x6 SPF NO. 2 OR BETTER SPACED APPROXIMATELY 36" O.C. WITH ALL JOINTS STAGGERED AT ATTACHMENT TO COLUMNS. ROOF PURLINS ARE 2x4 S NO. 2 OR BETTER ON EDGE SPACED APPROXIMATELY 24" O.C. ALL OTHER FRAMING LUMBER IS NO. 2 OR BETTER.

ROOF TRUSSES - FACTORY ASSEMBLED WITH 18 OR 20 GAUGE GALVANIZED STEEL TRUSS PLATE AS REQUIRED AND KILN DRIED LUMBER AS SPECIFIED, IN-PLANT QUALITY CONTROL INSPECTION IS CONDUCTED UNDER THE AUSPICES OF THE TPI INSPECTION BUREAU. TRUSSES ARE DESIGNED IN ACCORDANCE WITH CURRENT STANDARDS AND SPECIFICATIONS FOR THE STATED LOADING.

SIDING & ROOFING PANELS [KYNAR 500 / HYLAR 5000] - 0.019" MIN., G90 GALVANIZED OR A55 GALVALUME, WITH AN ADDITIONAL BAKED-ON KYNAR 500 / HYLAR 5000 FINISH WITH A NOMINAL 1 MIL. PAINT THICKNESS ON EXTERIOR.

TRIM - DIE-FORMED TRIM OF 0.017" MIN., G90 GALVANIZED OR AZ55 GALVALUME STEEL ON GABLES, RIDGES, CORNERS, BASE WINDOWS, AND DOORS WITH SAME FINISH AS ROOFING OR SIDING PANELS

GUTTERS - 5" K-STYLE, .030 HIGH TENSILE ALUMINUM GUTTER, KYNAR 500 / HYLAR 5000 FINISH TO MATCH TRIM, ON BOTH SIDES OF THE BUILDING.

ADDITIONAL NOTES

- 1.) ALL PLOT PLANS AND RELATED DETAILS SHALL BE PROVIDED BY OWNER UNLESS INCORPORATED AS PART OF THESE DRAWINGS.
- 2.) ALL INTERIOR PARTITIONS AND ROOM FINISHES IF NOT INCLUDED WITH THESE DRAWINGS SHALL BE PROVIDED BY OWNER. STANDARD FINISHES SHALL HAVE LESS THAN 200 FLAME SPREAD RATING AS REQUIRED BY ASTM E84 FOR ORDINARY CONDITIONS AND 25 OR LESS FOR EXITS, PASSAGEWAYS, AND CORRIDORS.
- 3.) FLOOR COVERINGS JUDGED TO REPRESENT AN UNUSUAL HAZARD SHALL MEET THE SAMTESTING PROCEDURES AS REQUIRED FOR WALL AND CEILING FINISHES.
- 4.) MORTON BUILDINGS GENERAL SPECIFICATIONS APPLY UNLESS INDICATED DIFFERENTLY ON SPECIFIC JOB DRAWINGS OR SUPPLEMENTAL INFORMATION.
- 5.) KYNAR 500 IS A REGISTERED TRADEMARK OF ATOFINA CHEMICAL, INC., HYLAR 5000 IS A TRADEMARK OF SOLVAY SOLEXIS.

2x4KK 11/05

SHEET INDEX	
SHEET#	DESCRIPTION
G1 OF G1	SPECIFICATIONS & SHEET INDEX
S1 OF S8	COLUMN PLAN
S2 OF S8	TRUSS PLAN & DETAILS
S3 OF S8	TRUSS DRAWING, PURLIN LAYOUT & DETAILS
S4 OF S8	ELEVATIONS
S5 OF S8	SECTIONS & DETAILS
S6 OF S8	SECTIONS & DETAILS
S7 OF S8	DETAILS
S8 OF S8	FASTENING SCHEDULE

TYPICAL LUMBER SPECIFICATIONS - 2001 NDS		
SIZE	DESCRIPTION	BENDING VALUE Fb
2x4	NO. 1 & 2 SPF	1313 PSI
2x4	2100f MSR SPF	2100 PSI
2x6	NO. 1 & 2 SPF	1138 PSI
2x6	NO. 1 SYP	1650 PSI
2x8	NO. 1 SYP	1500 PSI
2x10	NO. 1 SYP	1300 PSI
2x12	NO. 1 SYP	1250 PSI
ALL	1950f MSR SYP	1950 PSI
1 1/2"x16	LAMINATED VENEER LUMBER	2800 PSI
3 1/2"x15	GLU-LAM	1650 PSI
5 1/4"x16 1"	GLU-LAM	2400 PSI
5 1/4"x19 1"	GLU-LAM	2400 PSI
NOTE: HIGHER GRADE MATERIAL REQUIRED AS NOTED ON PLANS.		



BUILDING DESIGN CRITERIA		
BUILDING CODE	2004 FBC W/2007 SUPPLEMENTS	
USE GROUP	R-3 ACCESSORY	
CONSTRUCTION TYPE	VB	
FLOOR AREA	900 SQ FT	
MEAN ROOF HEIGHT	17.3 FT	
BUILDING CATEGORY	I	
MINIMUM LIVE ROOF LOAD DESIGN	SEE BELOW	
WIND SPEED (V <sub>3s</sub> )	110 MPH	
WIND IMPORTANCE FACTOR	0.77	
EXPOSURE CATEGORY	B	
INTERNAL PRESSURE COEFFICIENT	±0.18	
BUILDING DESIGN CONDITION	ENCLOSED	
WIND LOAD DESIGN	ASCE 7 METHOD 2	
MAIN WINDFORCE RESISTING SYSTEM (ALL FORCES ACT NORMAL TO THE SURFACE) (FOR ZONES SEE MWFRS ON ELEVATIONS PAGE) (MAXIMUM VALUE SHOWN)	ZONE 1E	12.89 F PSF
	ZONE 2E	-5.26 F PSF
	ZONE 3E	-10.87 F PSF
	ZONE 4E	-10.16 F PSF
	ZONE 5E	12.89 F PSF
	ZONE 6E	-10.16 F PSF
COMPONENT & CLADDING WIND LOADS (ALL FORCES ACT NORMAL TO THE SURFACE) (FOR ZONES SEE ELEVATIONS)	ZONE 1	10.36 F PSF
	ZONE 2	-3.96 F PSF
	ZONE 3	8.91 F PSF
	ZONE 4	-8.10 F PSF
	ZONE 5	10.36 F PSF
	ZONE 6	8.10 F PSF
	ZONE 1	9.66, -15.34 PSF
	ZONE 2	9.66, -26.70 PSF
	ZONE 3	9.66, -39.49 PSF
	ZONE 4	16.76, -18.18 PSF
	ZONE 5	16.76, -22.44 PSF

MINIMUM LIVE ROOF LOAD DESIGNS FOR CONSTRUCTION, MAINTENANCE, REPAIR, AND OTHER TEMPORARY LOADS PER SECTION 1607.11.2

- 1. ROOF PURLINS AND OTHER SECONDARY STRUCTURAL MEMBERS = **20 PSF**
- 2. ROOF TRUSSES, HEADERS, COLUMNS AND OTHER PRIMARY STRUCTURAL MEMBERS = **18 PSF**
- 3. FOOTINGS = **12 PSF** (DESIGNED FOR ROOF SNOW LOAD AND OTHER NON-TEMPORARY LOADS WITH APPROVAL FROM BUILDING OFFICIAL)

I HEREBY CERTIFY THAT THE STRUCTURAL DESIGN FOR THIS BUILDING WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED/REGISTERED PROFESSIONAL ENGINEER.

*Ronald L. Sutton*  
RONALD L. SUTTON  
DATE: 03.03.09 REG.# 34487

NOTE:  
NO ONE MAY ALTER ANY ENGINEERING ITEM UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ENGINEER.

OFFICE:  
GAINESVILLE, FL  
JOB NO.  
131-0772

DAVID OR GLORIA FRIAR

FT. WHITE, FL

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA 8400  
PHONE NUMBER: 309-263-4105

DRAWN BY:	MOSIER
DATE:	2/20/2009
CHECKED BY:	B. DAVIS
DATE:	02/24/09
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----

RONALD L. SUTTON, P.E.  
REG. # 34487

SCALE: AS NOTED  
SHEET NO.  
G1 OF G1

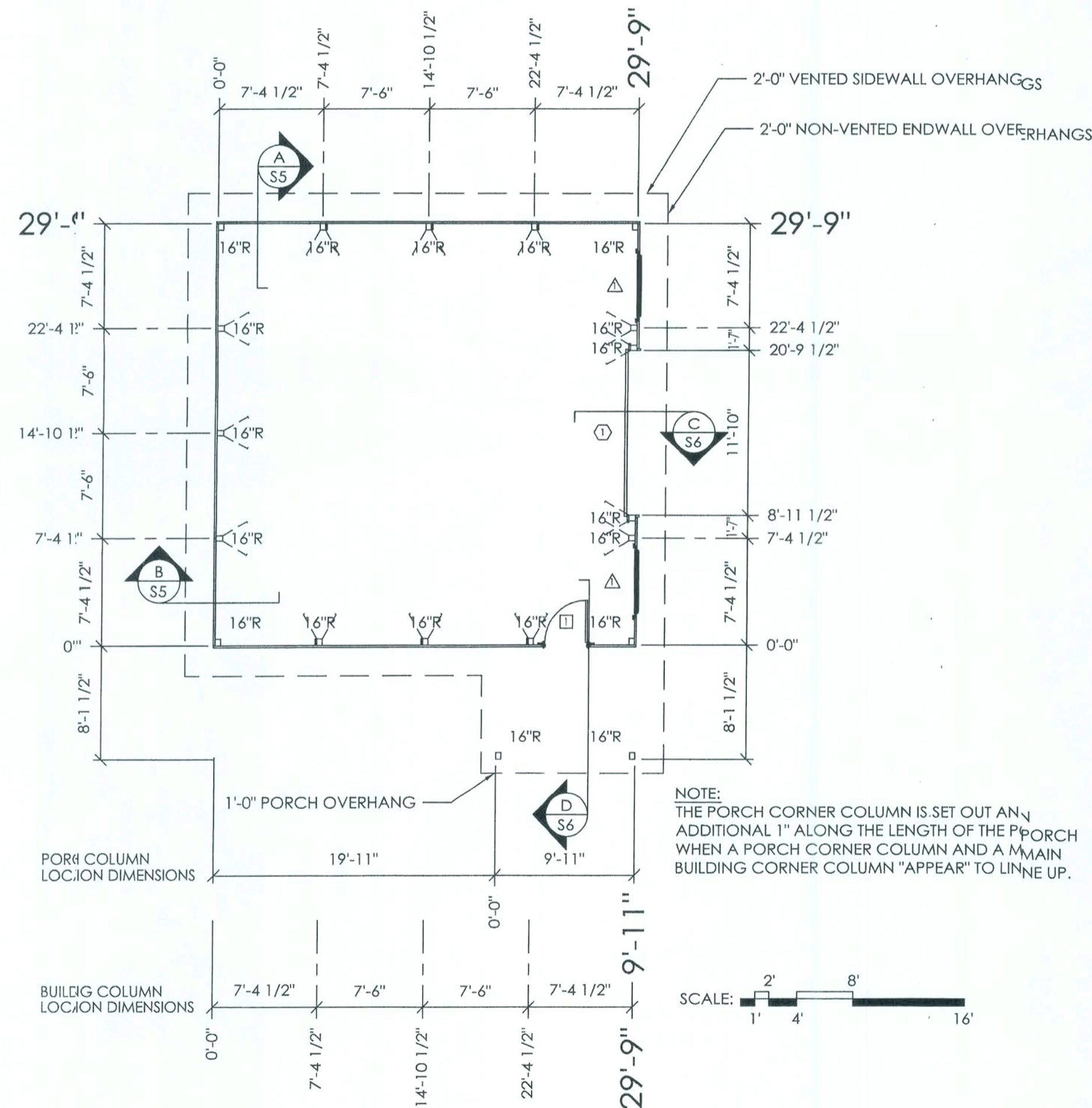
DAVID OR GLORIA FRIAR  
FT. WHITE, FL

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550  
PHONE NUMBER: 309-263-4105  
COA 8-400

DRAWN BY:	MOSIER
DATE:	2/20/2009
CHECKED BY:	B. DAVIS
DATE:	02/24/09
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----

*Ronald L. Sutton*  
03.03.09  
RONALD L. SUTTON, P.E.  
REG. # 34487

SCALE: AS NOTED  
SHEET NO.  
S1 OF S8



ROUGH OPENING SCHEDULE		
UNIT SYMBOL FROM LEGEND	WIDTH	HEIGHT
□	38 1/4"	81"
△	52 1/4"	33 5/8"

### COLUMN PLAN LEGEND

- - 3-2x6 LAMINATED COLUMN LOCATION
- - 3-2x6 LAMINATED COLUMN W/SPLICE STIFFENER LOCATION
- 81M BASE ANCHORS
- (2) 3065 SKYLITE(S) (VERIFY LOCATION)
- ALL STEEL FASTENED WITH STAINLESS STEEL SCREWS
- ROOF LAP RIB SEALANT TAPE
- 16"R - 16" DIAMETER FOOTING WITH 8" THICK MINIMUM READY-MIX CONCRETE BELOW BOTTOM OF LOWER COLUMN WITH ADDITIONAL READY-MIX TO TOP OF 218M STILT (9"±). PLACE CONCRETE BELOW AND ABOVE BOTTOM OF LOWER COLUMN IN ONE OPERATION.

### COLUMN PLAN

DOOR SCHEDULE							
MBOL	QTY.	DOOR SIZE	MANUFACTURER / DISTRIBUTOR	STYLE	FRAME TYPE	HARDWARE	REMARKS
□	1	3068	MORTON BUILDINGS	FIBERSTEEL	FIBERGLASS	LOCKSET W/ SINGLE CYLINDER DEADBOLT	9-LITE TEMPERED GLASS W/EMBOSSED CROSSBUCKS IN SWING, LEFT HINGE
①	1	12'-0"x12'-1"	MID AMERICA DOOR CO.	OVERHEAD	BUILDING FRAMEWORK	INSIDE LOCK	W/CORNER ENCLOSURES
WINDOW SCHEDULE							
MBOL	QTY.	UNIT SIZE	MANUFACTURER	STYLE	GLAZING	REMARKS	FBC APPROVAL #
△	2	4429	HAYFIELD	SLIDING	INSULATING GLASS	-	FL-6127

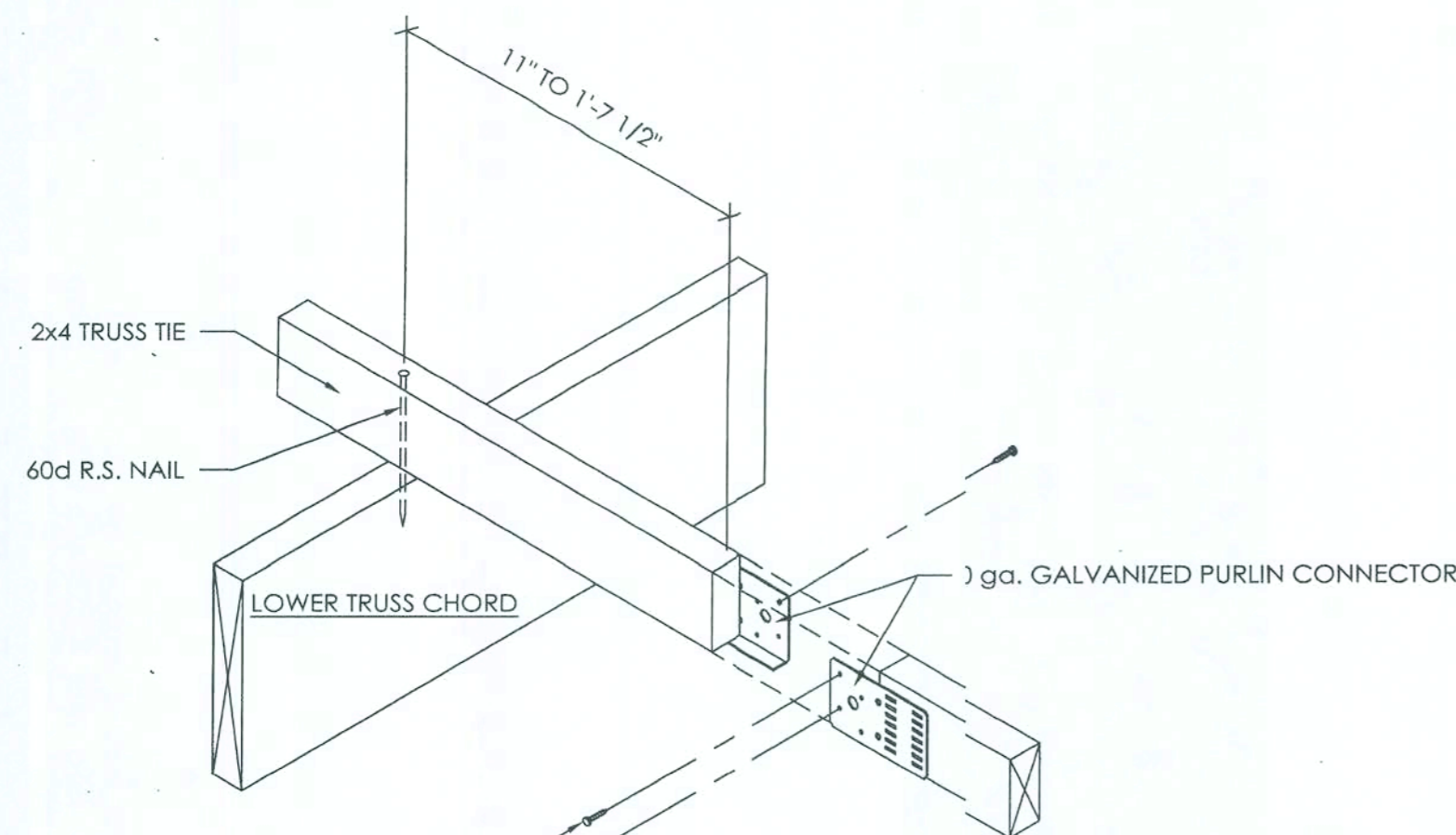
DAVID OR GLORIA FRIAR  
FT. WHITE, FL

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA 8,400  
PHONE NUMBER: 309-263-4105

DRAWN BY:	MOSIER
DATE:	2/20/2009
CHECKED BY:	B. DAVIS
DATE:	02/24/09
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----

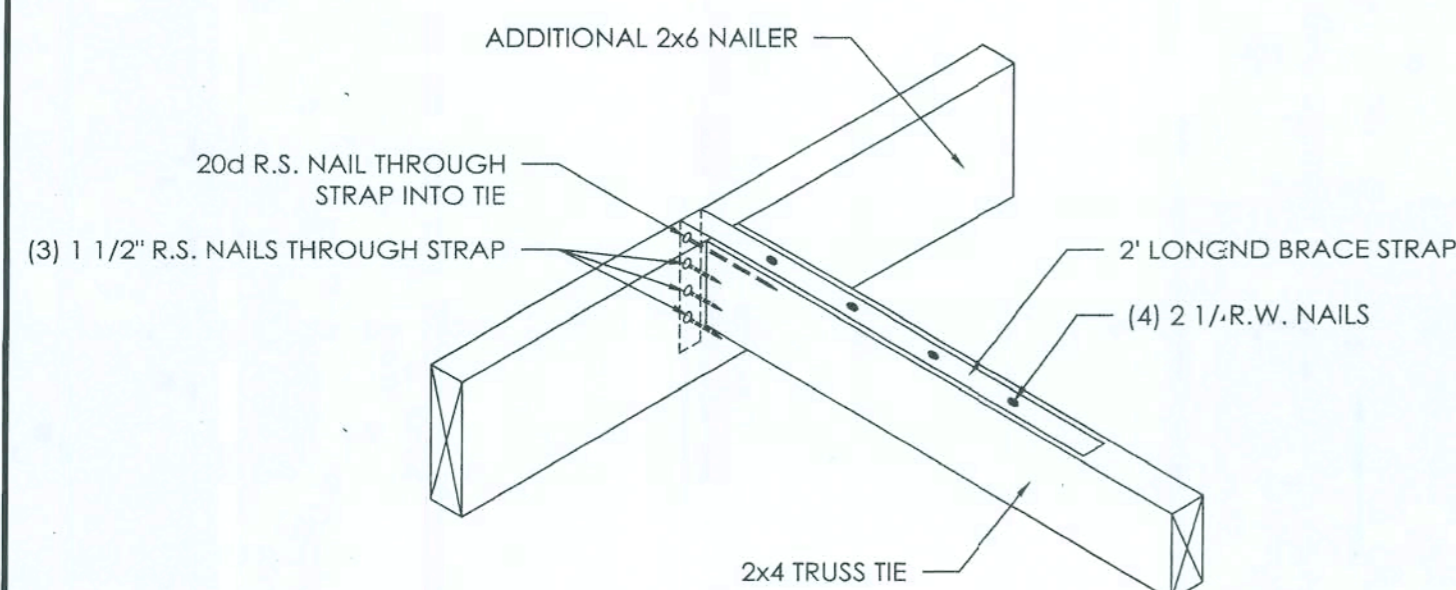
*Ronald L. Sutton*  
03.03.09  
RONALD L. SUTTON, P.E.  
REG. # 34487

SCALE: AS NOTED  
SHEET NO.  
S2 OF S8

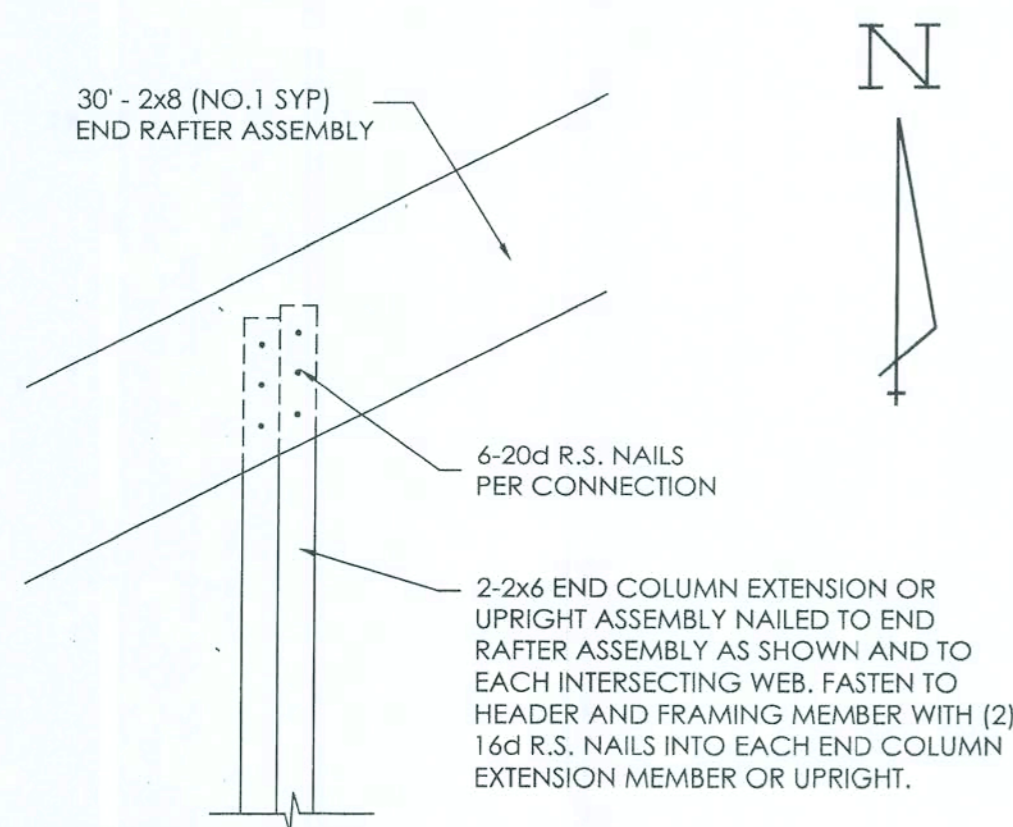


(1) #9x1\" TRU-GRIP SCREWS ON PEAK SIDE AND  
(2) ON EAVE SIDE IN HOLES SHOWN.  
(JOINT MUST BE TIGHT BEFORE FASTENING CLIPS)

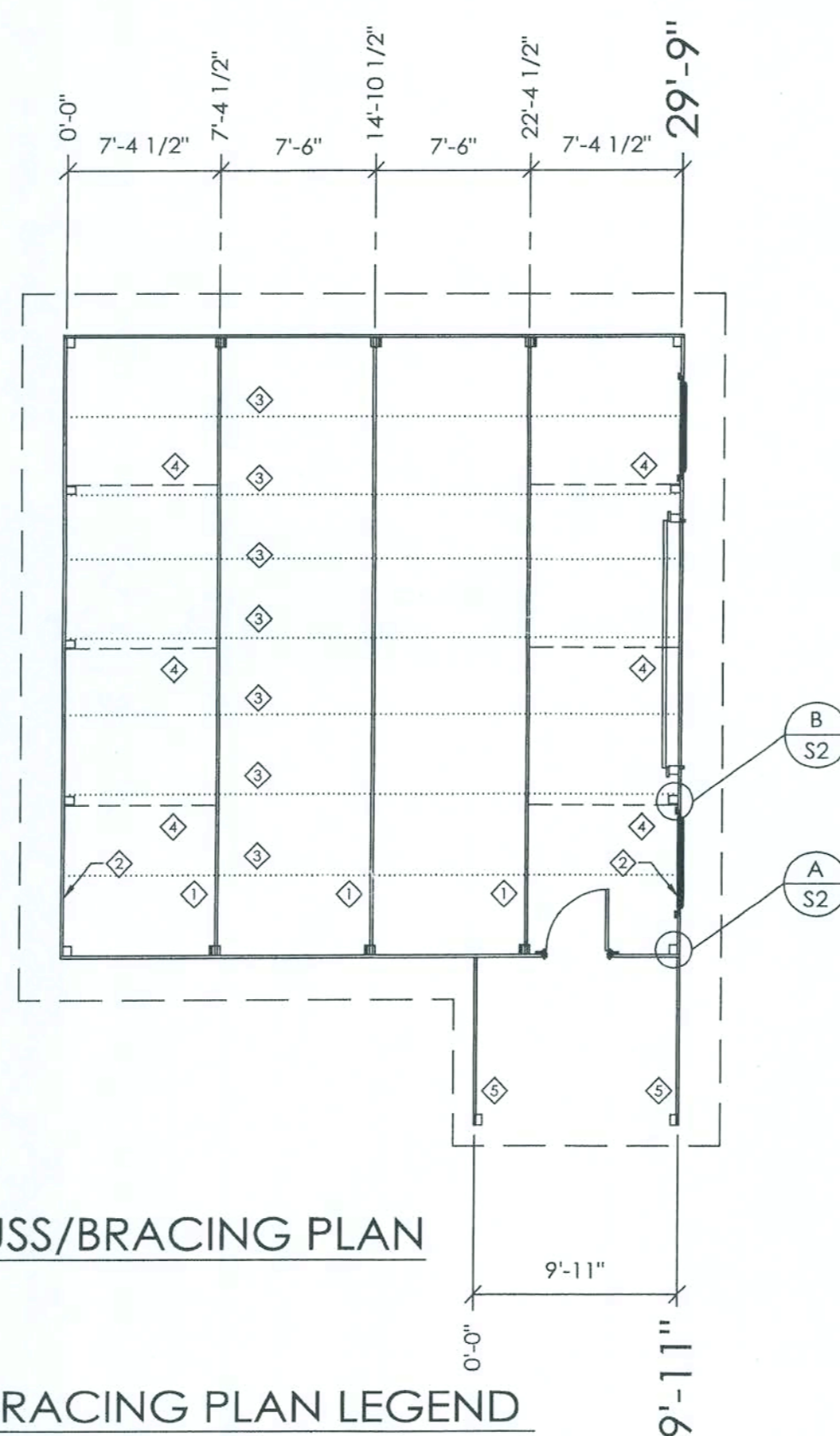
2x4 TRUSS TIE DETAIL



2x4 TRUSS TIE TO ENDWALL DETAIL

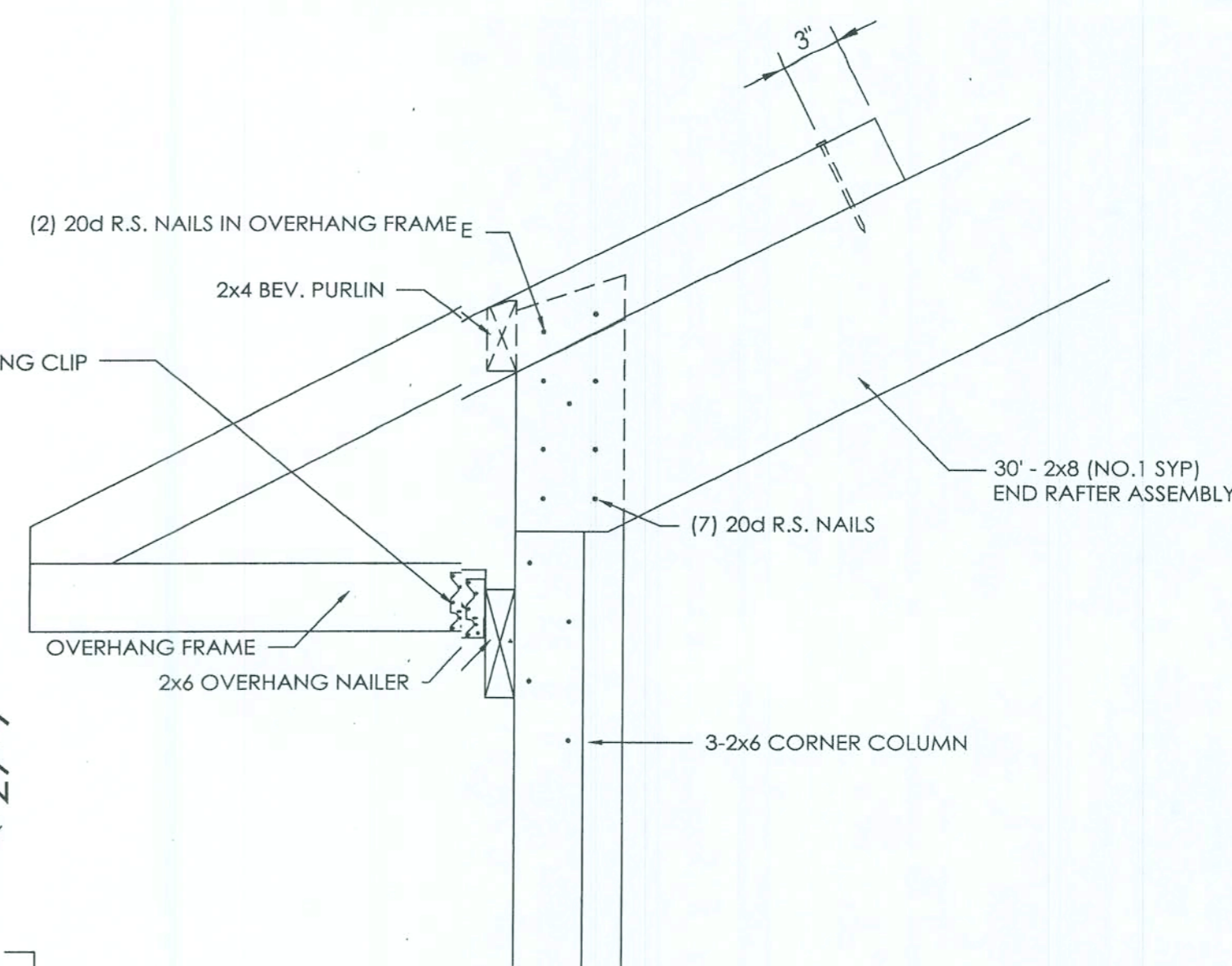


DETAIL B  
SCALE: 1 1/2\" = 1'-0\"



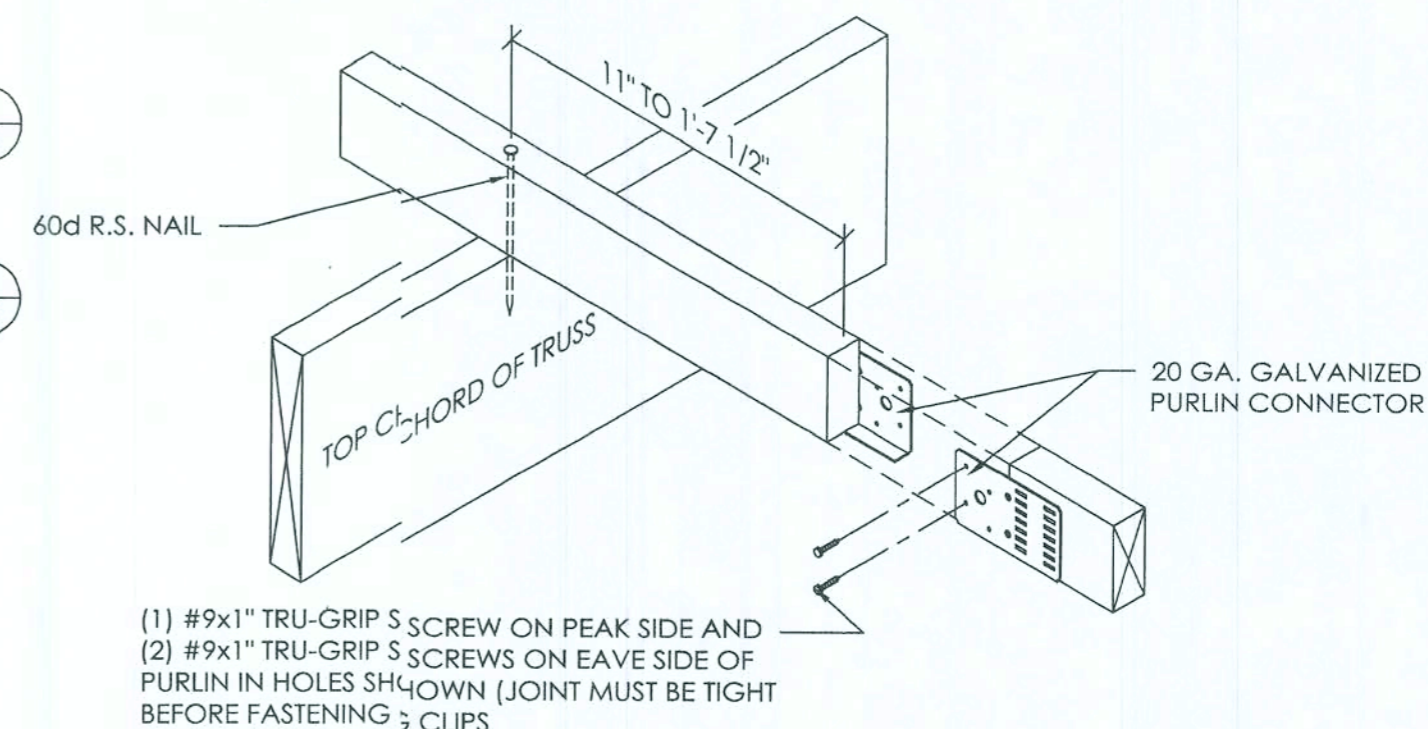
TRUSS/BRACING PLAN LEGEND

- ◇ - 30' 4075 R.C. TRUSSES @ 7'-6\" O.C.
- ◇ - 30' END RAFTER ASSEMBLY
- ◇ - 2x4 TRUSS TIES @ 3'-9\" O.C.
- ◇ - 2x6 DIAGONAL END BRACES @ 7'-6\" O.C.  
(TO EXTEND TO FIRST TRUSS IN FROM ENDWALL)
- ◇ - 8' PORCH END FRAMES



DETAIL A

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



2x4 EBUTTED PURLIN DETAIL

(PURLIN CONNECTED WITH 60D R.S. NAIL)  
SCALE: 1 1/2\" = 1'-0\"

SCALE: 1\" = 4'  
2' 4' 8' 16'

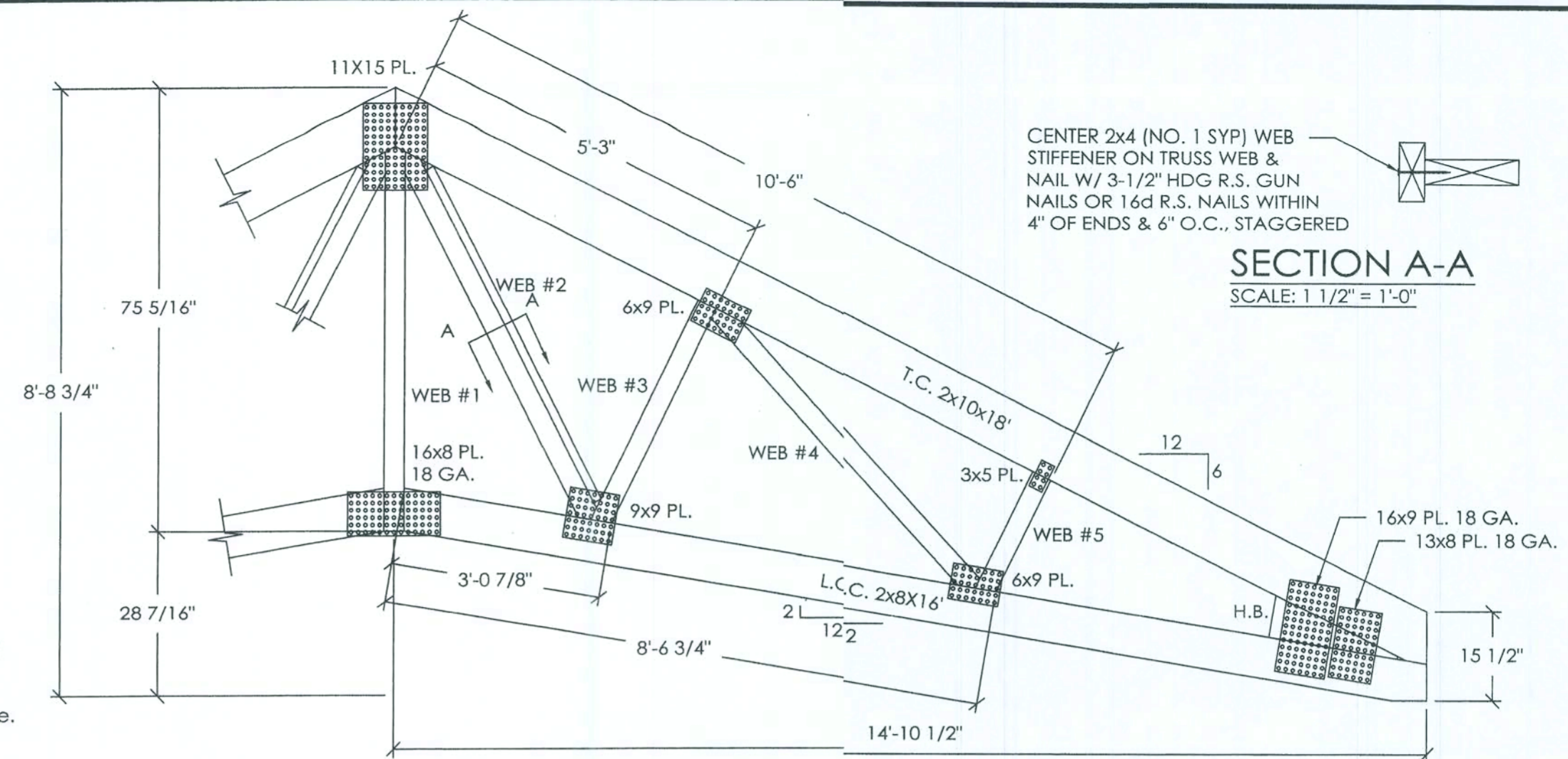
TRUSS SPACING	7'-6"	O.C.
LIVE LOAD	18	PSF
DEAD LOAD	4	PSF
CEILING LOAD	-	PSF
TOTAL LOAD	22	PSF

TRUSS DESIGN SPECIFICATION:  
Truss has been designed by computer using the Purdue Plane Structure Analyzer (AW current standards and specifications of recognized engineering principles. Trusses are manufactured by Morton Buildings, Inc.

LUMBER SPECIFICATION (2001 NDS for Wood Construction):  
Lower Chord — No. 1 K.D. - 19 Southern Pine  
Top Chord — No. 1 K.D. - 19 Southern Pine  
Web Members — No. 1 K.D. - 19 Southern Pine

TRUSS PLATE SPECIFICATION (ICBO Evaluation report No. 2929):  
ASTM A-653, Grade A 20 Ga. and 18 Ga. where noted, galvanized steel Morton truss plates identified by a hexagon stamped every 1/4" along the center of the plate.

RAFTER LENGTH 16'-7 9/16"  
Webs are 2x4's



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

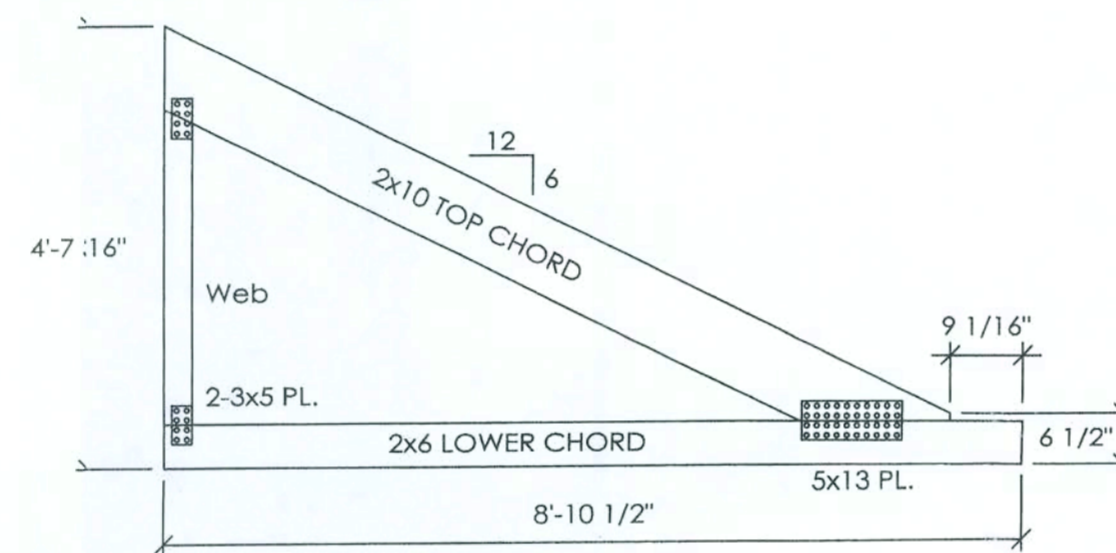
30' R.C. 4075 TRUSS  
SCALE: 1/2" = 1'-0"

LIVE LOAD	18	PSF
DEAD LOAD	4	PSF
CEILING LOAD	0	PSF
TOTAL LOAD	22	PSF

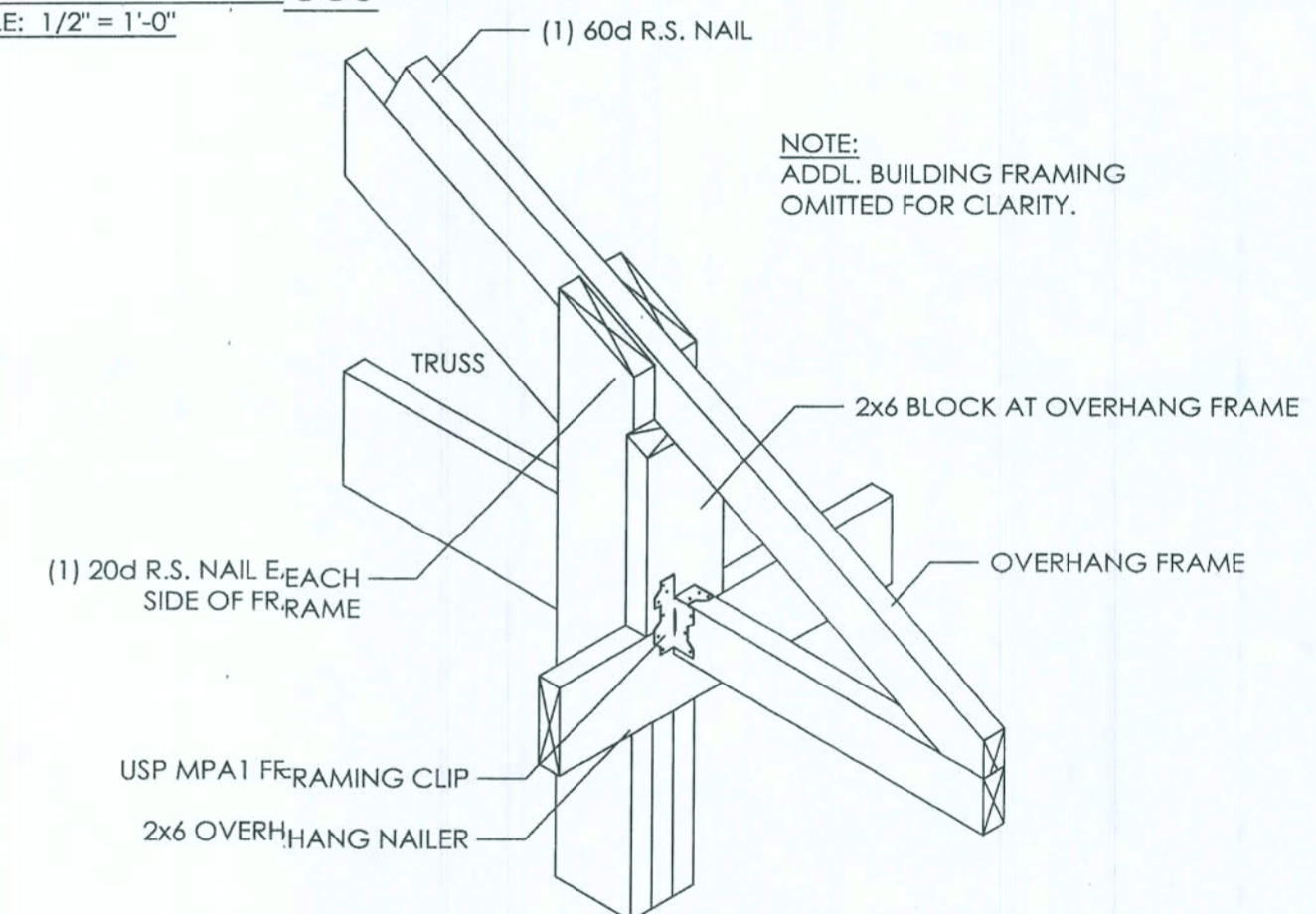
TRUSS DESIGN SPECIFICATION:  
Truss has been designed by computer using the Purdue Plane Structure Analyzer (AW current standards and specifications of recognized engineering principles. Trusses are manufactured by Morton Buildings, Inc.

LUMBER SPECIFICATION (2001 NDS for Wood Construction):  
Lower Chord — No. 1 K.D. - 19 Southern Pine  
Top Chord — No. 1 K.D. - 19 Southern Pine  
Web Members — No. 1 K.D. - 19 Southern Pine

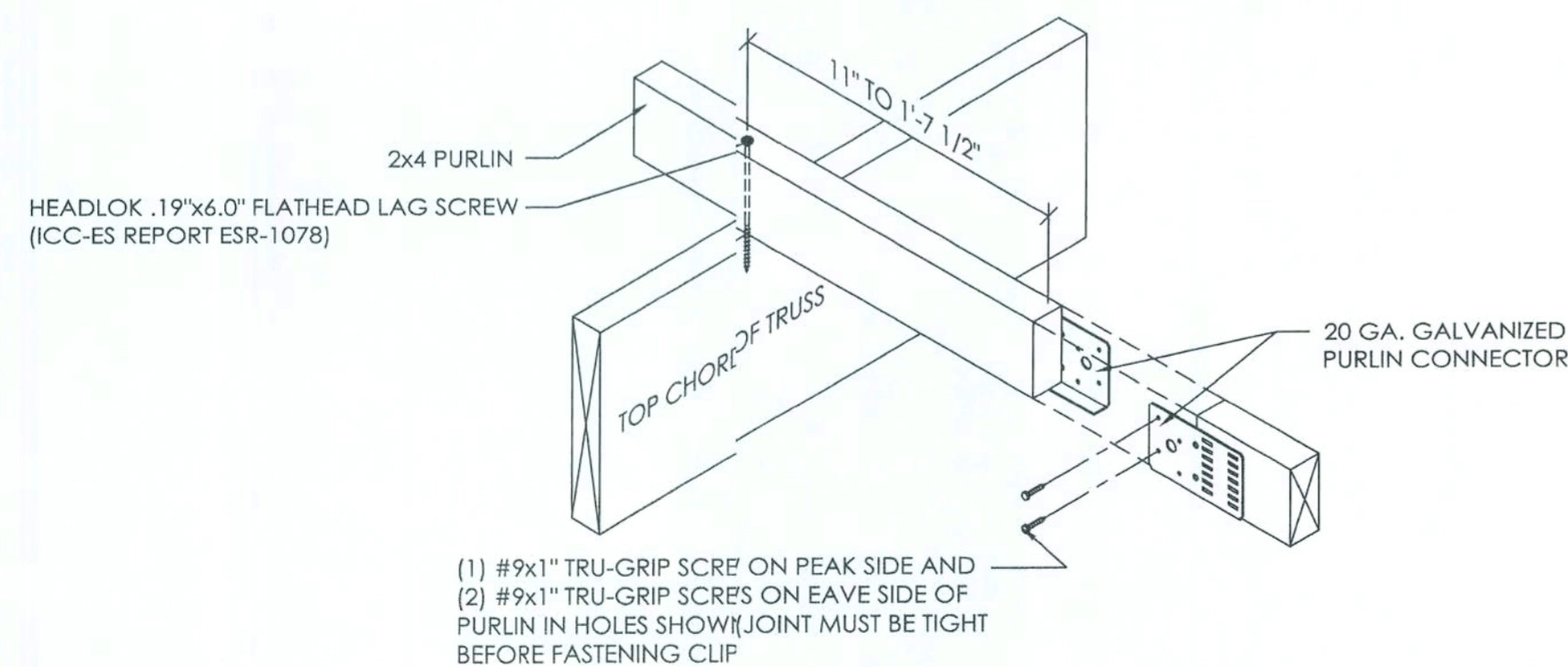
TRUSS PLATE SPECIFICATION (ICBO Evaluation report No. 2929):  
ASTM A-653, Grade A 20 Ga. and 18 Ga. where noted, galvanized steel Morton truss plates identified by a hexagon stamped every 1 1/4" along the center of the plate.



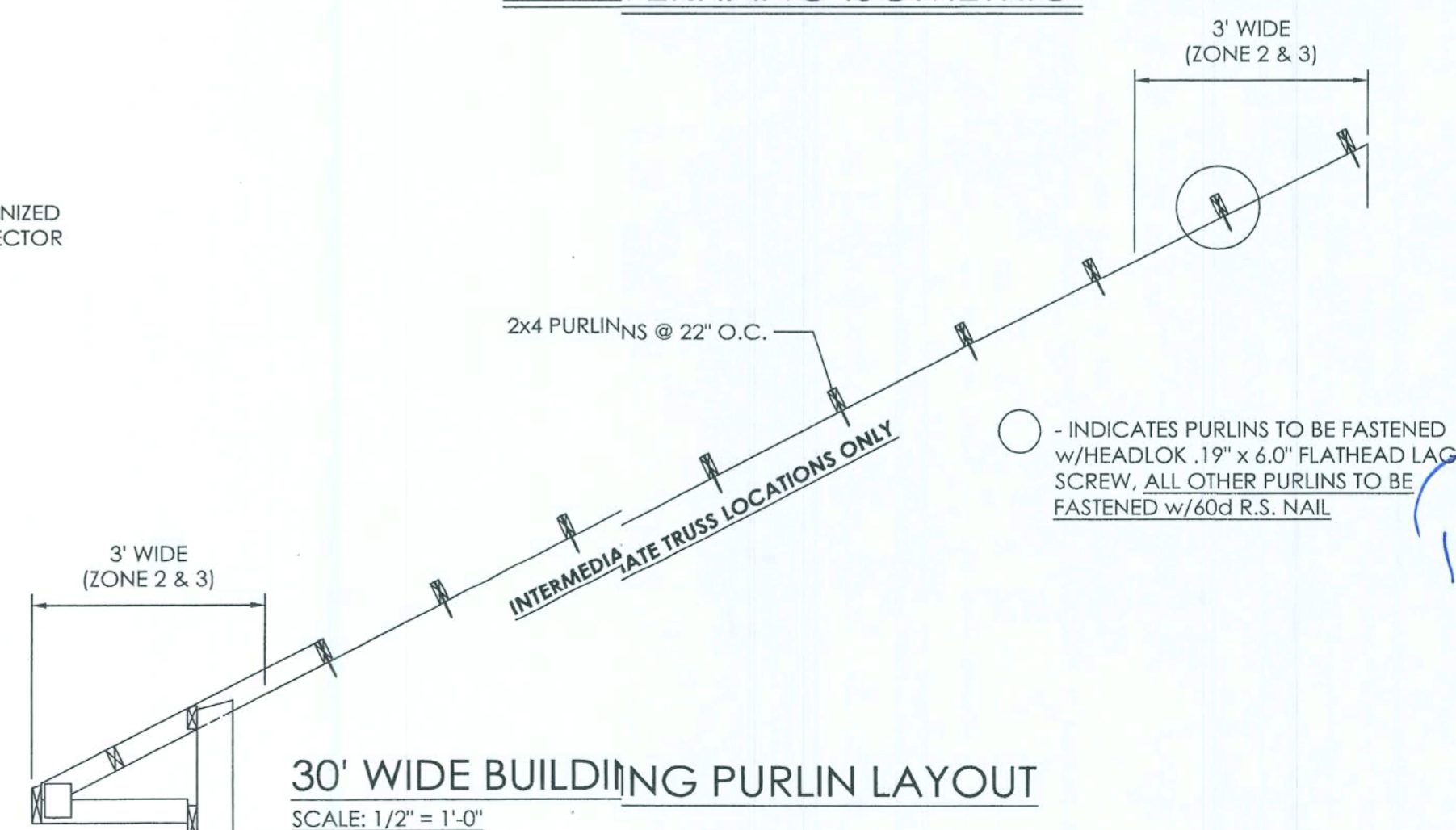
8' PORCH END FRAME  
SCALE: 1/2" = 1'-0"



2' OVERHANG ISOMETRIC



2x4 BUTED PURLIN DETAIL  
PURLIN CONNECTED WITH  
6" HEADLOK FLATHEAD LAG SCREW  
SCALE: 1 1/2" = 1'-0"



30' WIDE BUILDING PURLIN LAYOUT  
SCALE: 1/2" = 1'-0"

OFFICE:  
GAINESVILLE, FL

JOB NO.  
131-0772

DAVID OR GLORIA FRIAR

FT. WHITE, FL

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA 8-400  
PHONE NUMBER: 309-263-4105

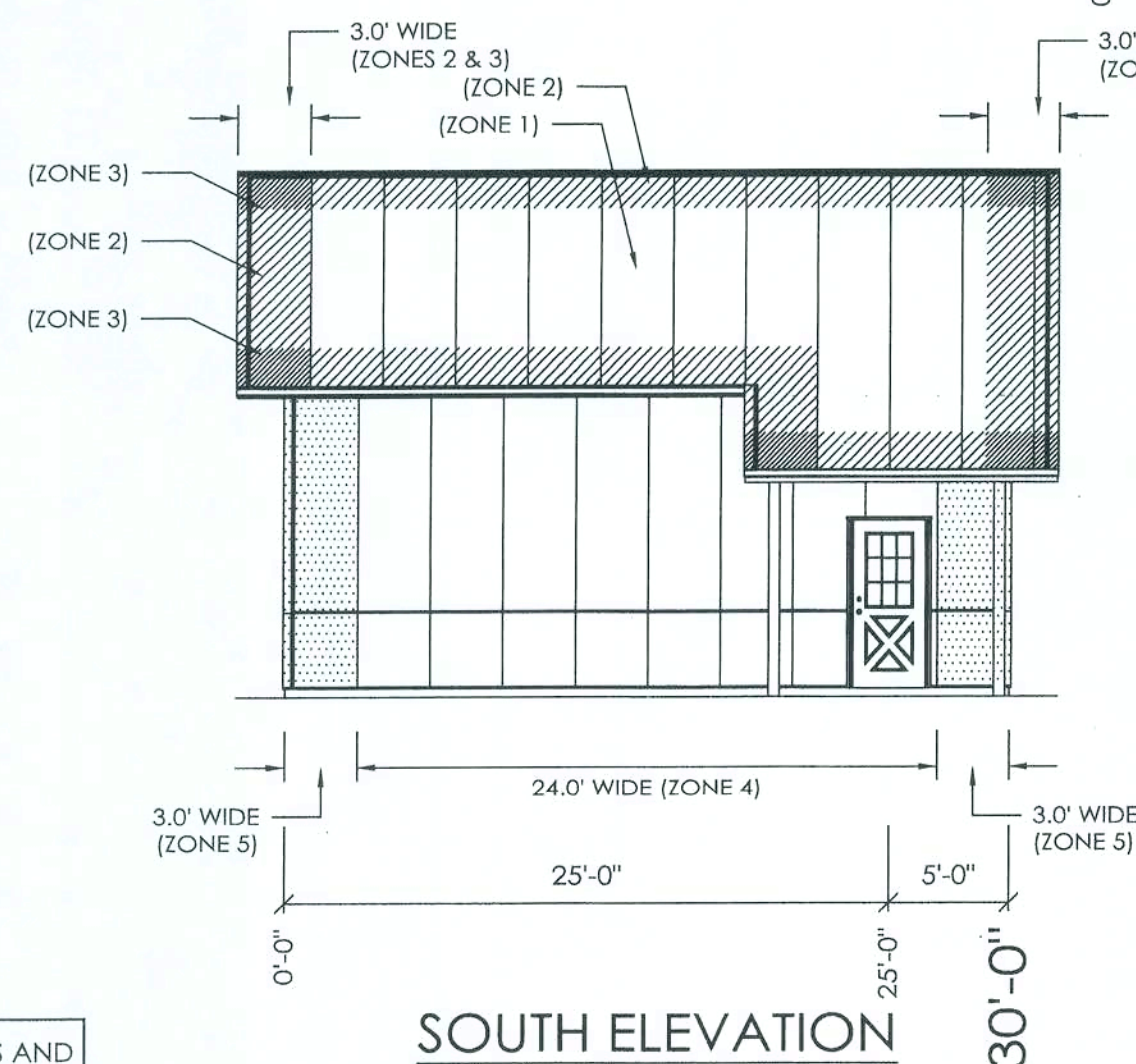
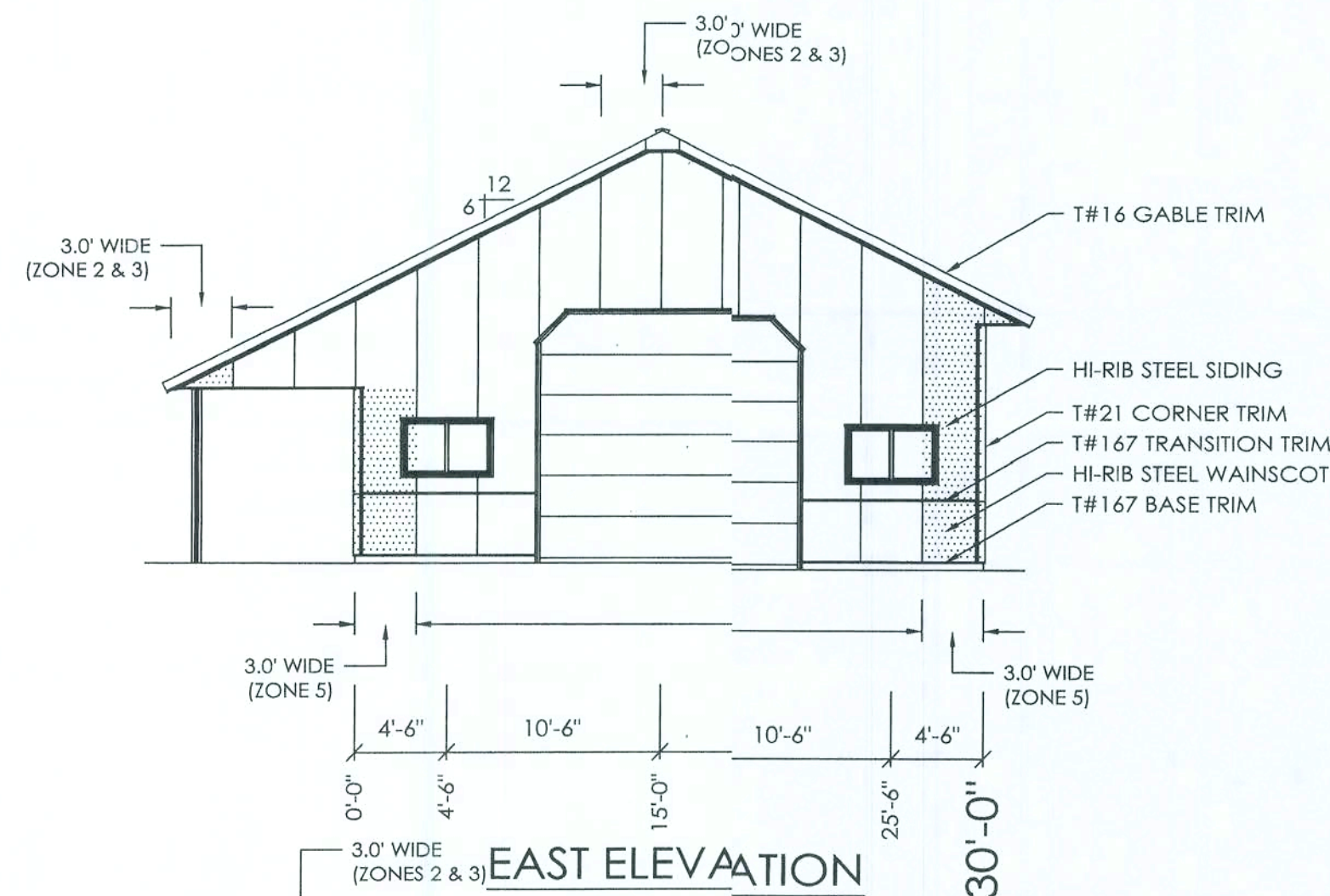
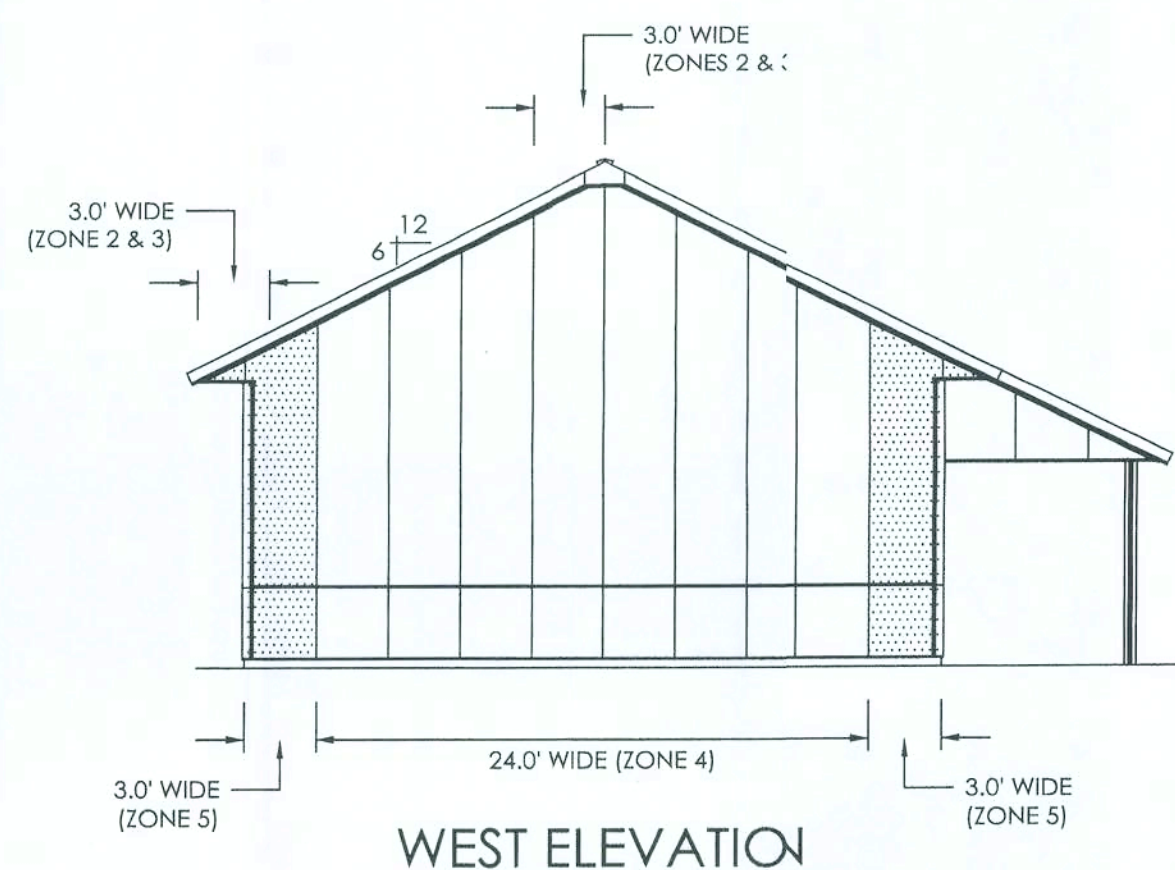
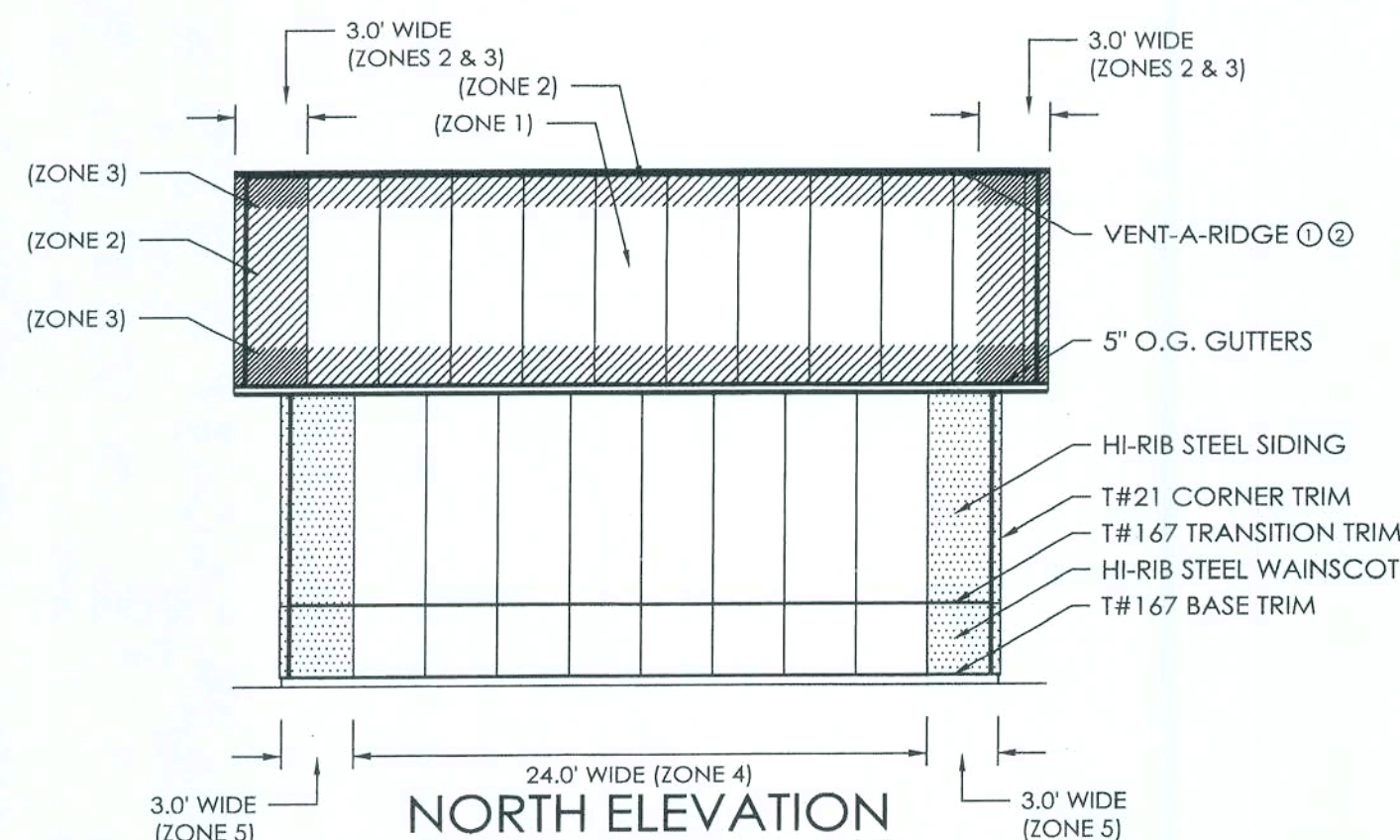
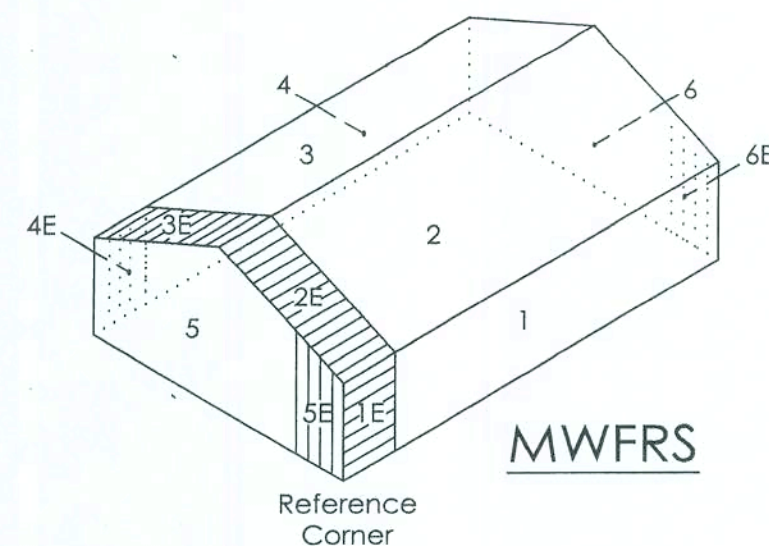
DRAWN BY:	MOSIER
DATE:	2/20/2009
CHECKED BY:	B. DAVIS
DATE:	02/24/09
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----

RONALD L. SUTTON, P.E.  
REG. # 34487

SCALE: AS NOTED

SHEET NO.

S3 OF S8



NOTE: DOOR AND WINDOW LOCATIONS ARE TAKEN FROM THE EXTERIOR FACE OF THE AILERS AND ARE TO THE CENTER OF THE DOOR AND WINDOW UNITS. VERIFY ALL LOCATIONS WITH TE OWNER.

OFFICE:  
GAINESVILLE, FL  
JOB NO.  
131-0772

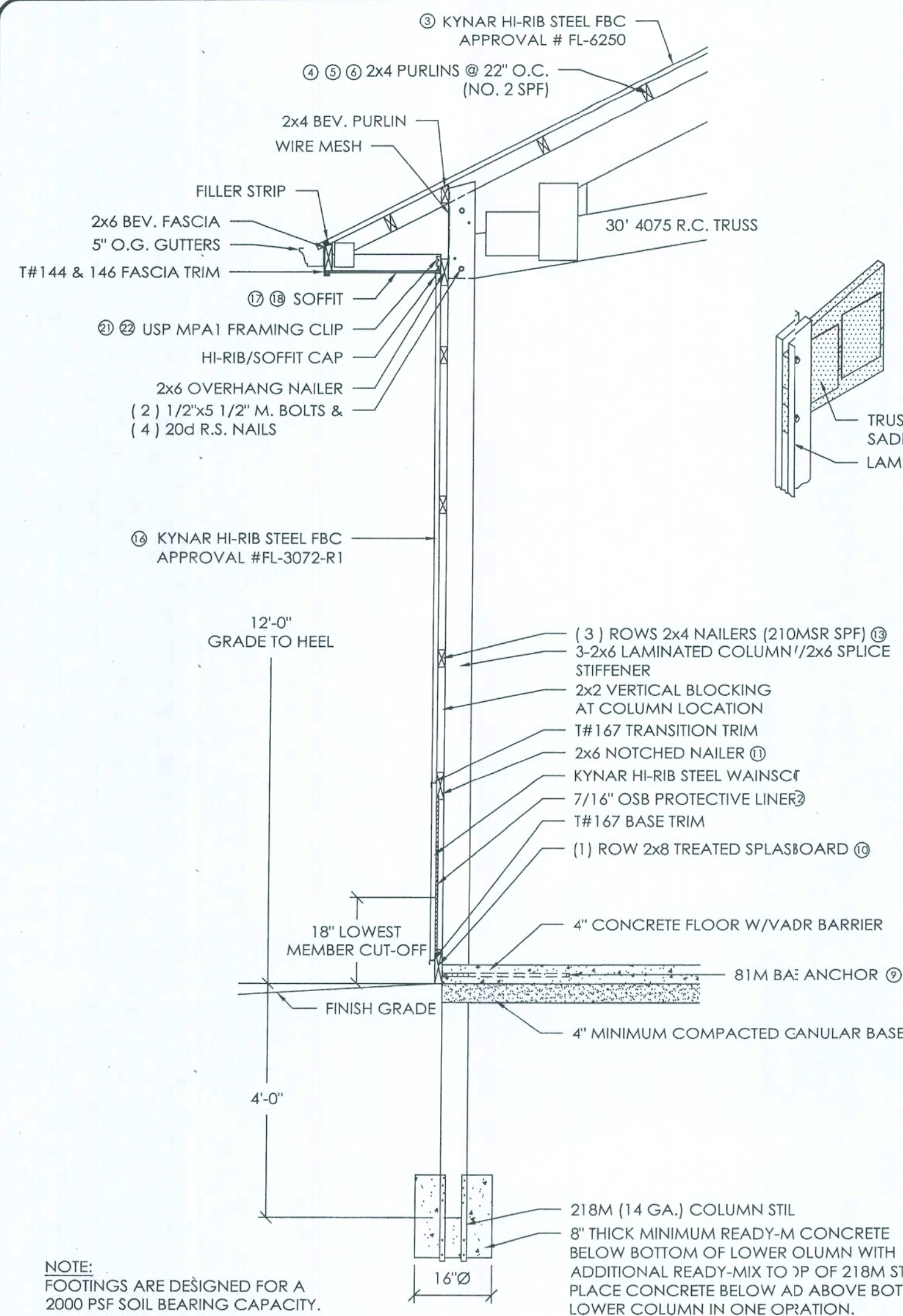
DAVID OR GLORIA FRIAR  
FL WHITE, FL

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
PHONE NUMBER: 309-263-4105  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA 8400

DRAWN BY: MOSIER  
DATE: 2/20/2009  
CHECKED BY: B. DAVIS  
DATE: 02/24/09  
REVISED DATE: ----  
REVISED DATE: ----  
REVISED DATE: ----  
REVISED DATE: ----

RONALD L. SUTTON, P.E.  
REG. # 34487

SCALE: AS NOTED  
SHEET NO.  
S4 OF S8

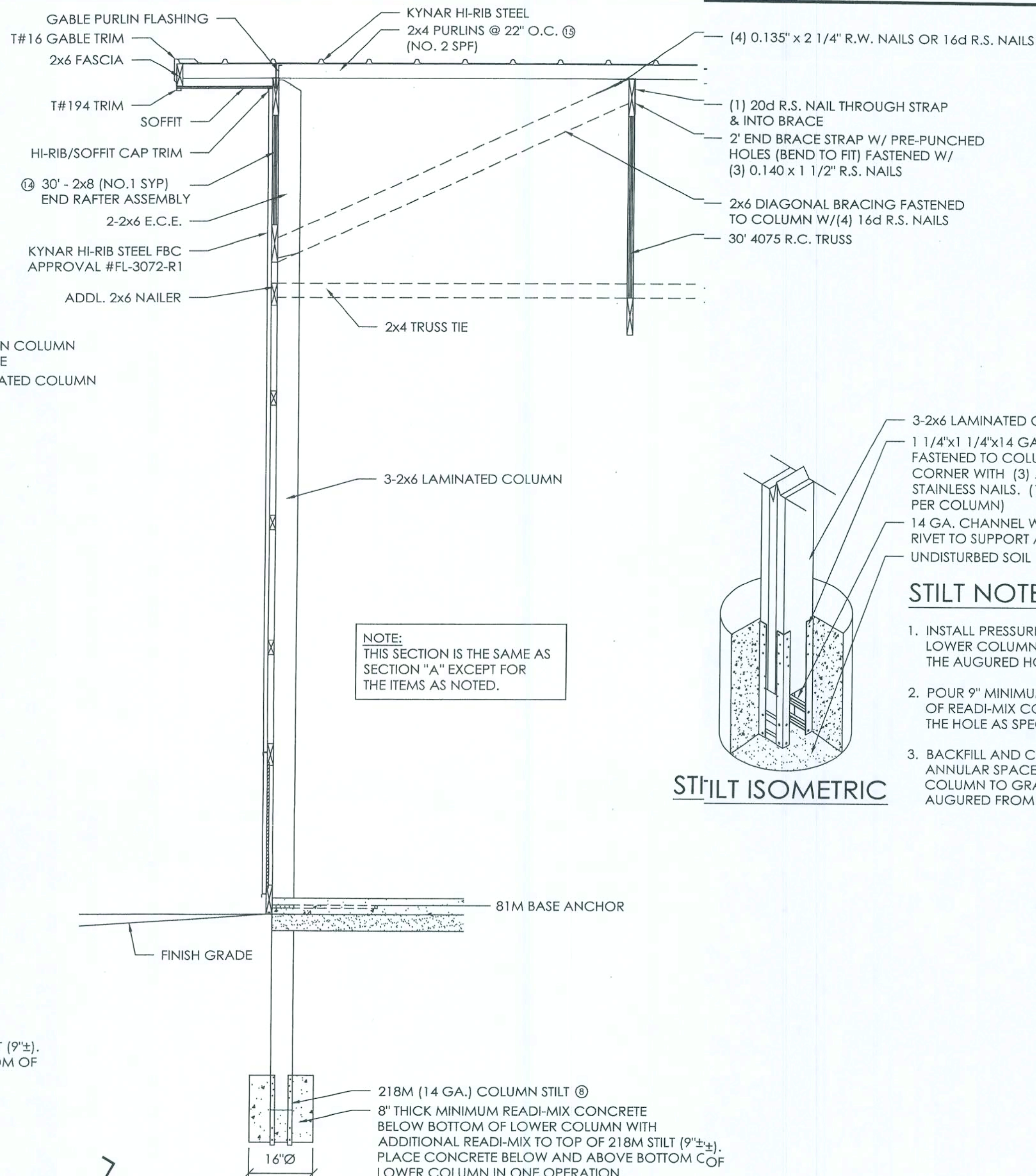
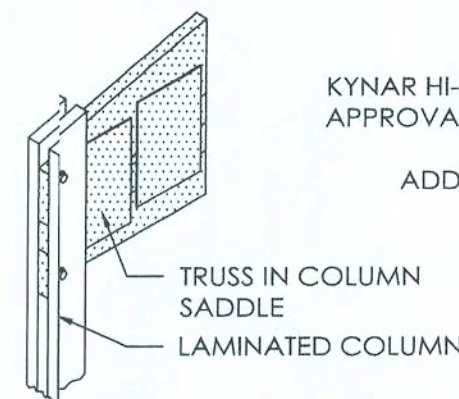


**SIDEWALL SECTION A**  
SCALE: 1/2" = 1'-0"

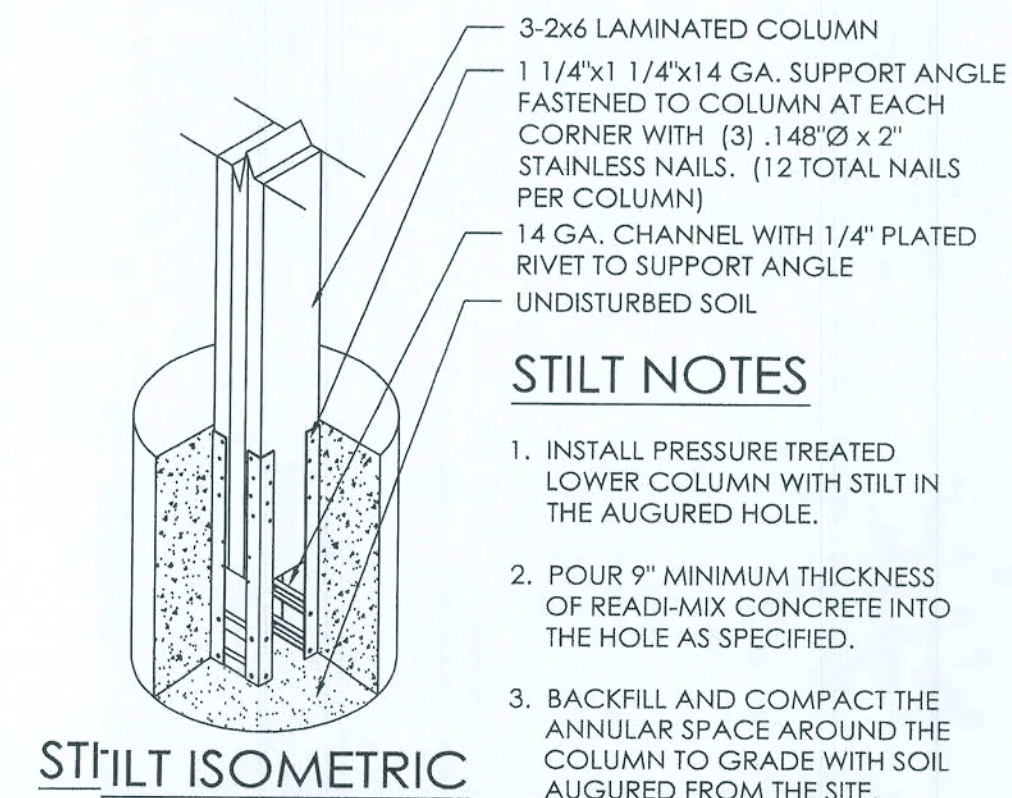
- CONCRETE FLOOR NOTES**
- 3500 PSI, 5 1/2 BAG MIX CONCRETE
  - SLOPE GRADE AWAY FROM BUILDING @ 1" PER FOOT FOR A MINIMUM DISTANCE OF 10' PLUS OVERHANG WIDTH
  - PLACE A MINIMUM 6 MIL POLYETHYLENE VAPOR RETARDER OVER A COMPACTED GRANULAR BASE AND DIRECTLY BELOW THE CONCRETE FLOOR
  - CONTRACTION JOINTS UNIFORMLY SPACED 12' O.C. OR LESS

NOTE:  
♦ IDENTIFIES ITEMS THAT ARE NOT PROVIDED BY MORTON BUILDINGS, INC. OR MORTON BUILDINGS' SUBCONTRACTORS AND ARE THE OWNER'S RESPONSIBILITY.

**81M BASE ANCHOR FASTENING DETAIL**  
SCALE: 1/2" = 1'-0"

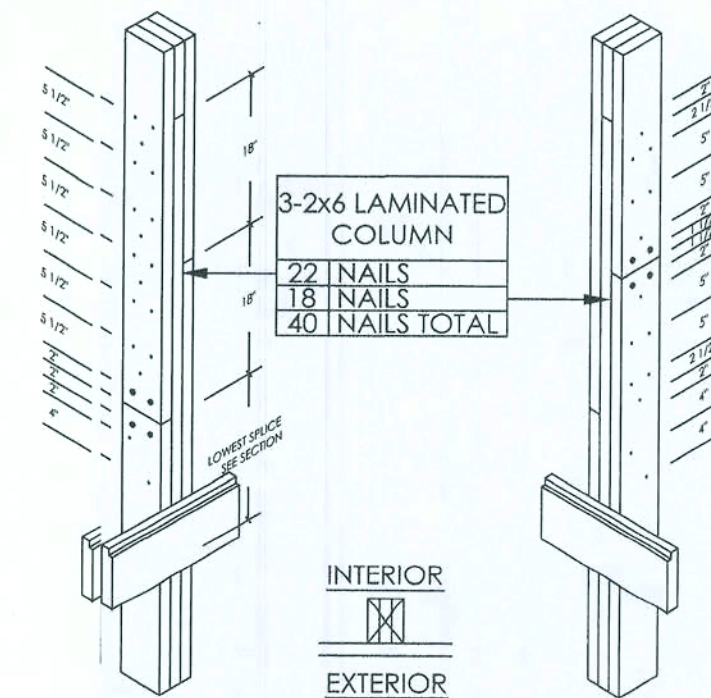


**ENDWALL SECTION B**  
SCALE: 1/2" = 1'-0"



**STILT NOTES**

- INSTALL PRESSURE TREATED LOWER COLUMN WITH STILT IN THE AUGURED HOLE.
- POUR 9" MINIMUM THICKNESS OF READY-MIX CONCRETE INTO THE HOLE AS SPECIFIED.
- BACKFILL AND COMPACT THE ANNULAR SPACE AROUND THE COLUMN TO GRADE WITH SOIL AUGURED FROM THE SITE.



**3-2x6 COLUMN SPLICE FASTENING DETAIL**  
SCALE: 1/2" = 1'-0"

OFFICE:  
GAINESVILLE, FL  
JOB NO.  
131-0772

DAVID OR GLORIA FRIAR

FT. WHITE, FL

**ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.**  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA 8400  
PHONE NUMBER: 309-263-4105

DRAWN BY: MOSIER  
DATE: 2/20/2009  
CHECKED BY: B. DAVIS  
DATE: 02/24/09  
REVISED DATE: ---  
REVISED DATE: ---  
REVISED DATE: ---  
REVISED DATE: ---

*Ronald Sutton*  
03.03.09  
RONALD L. SUTTON, P.E.  
REG. # 34487

SCALE: AS NOTED  
SHEET NO.  
S5 OF S8

DAVID OR GLORIA FRIAR  
FT. WHITE, FL

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA 8,400  
PHONE NUMBER: 309-263-4105

DRAWN BY:	MOSIER
DATE:	2/20/2009
CHECKED BY:	B. DAVIS
DATE:	02/24/09
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----

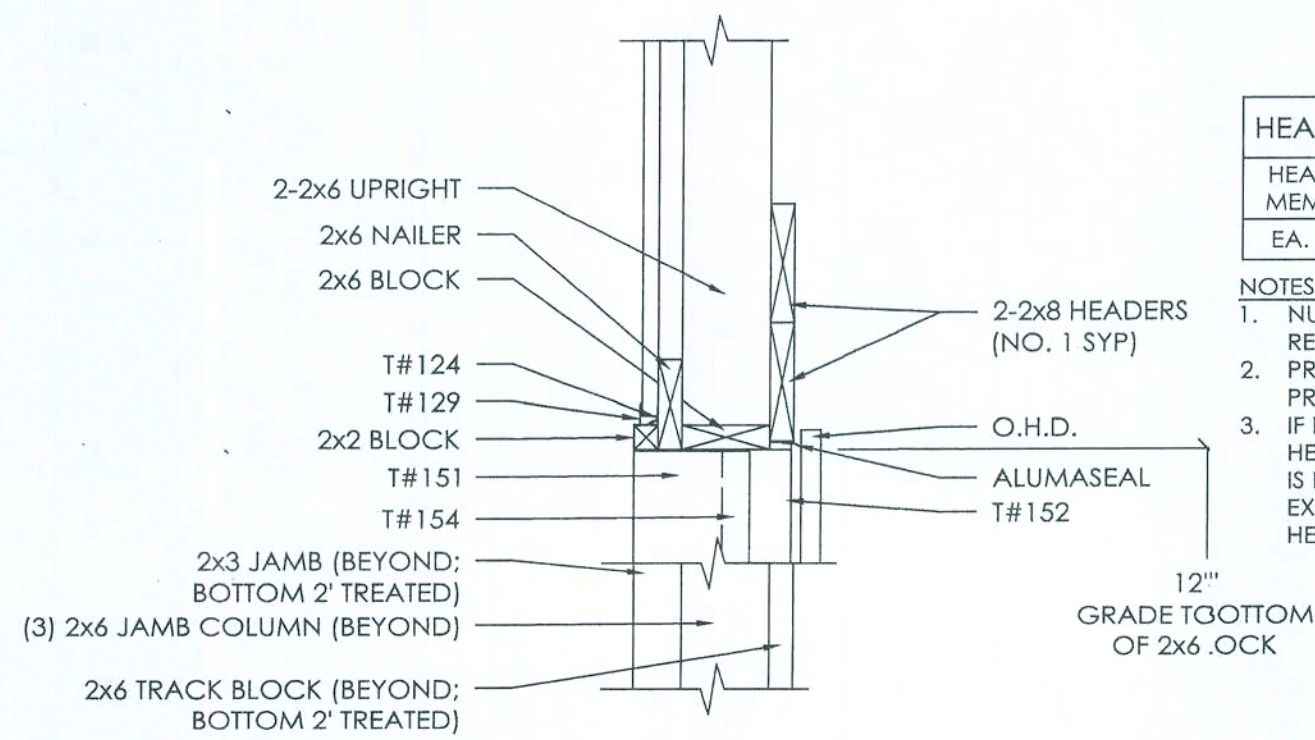
*Ronald Sutton*  
03.03.09

RONALD L. SUTTON, P.E.  
REG. # 34487

SCALE: AS NOTED

SHEET NO.

S6 OF S8



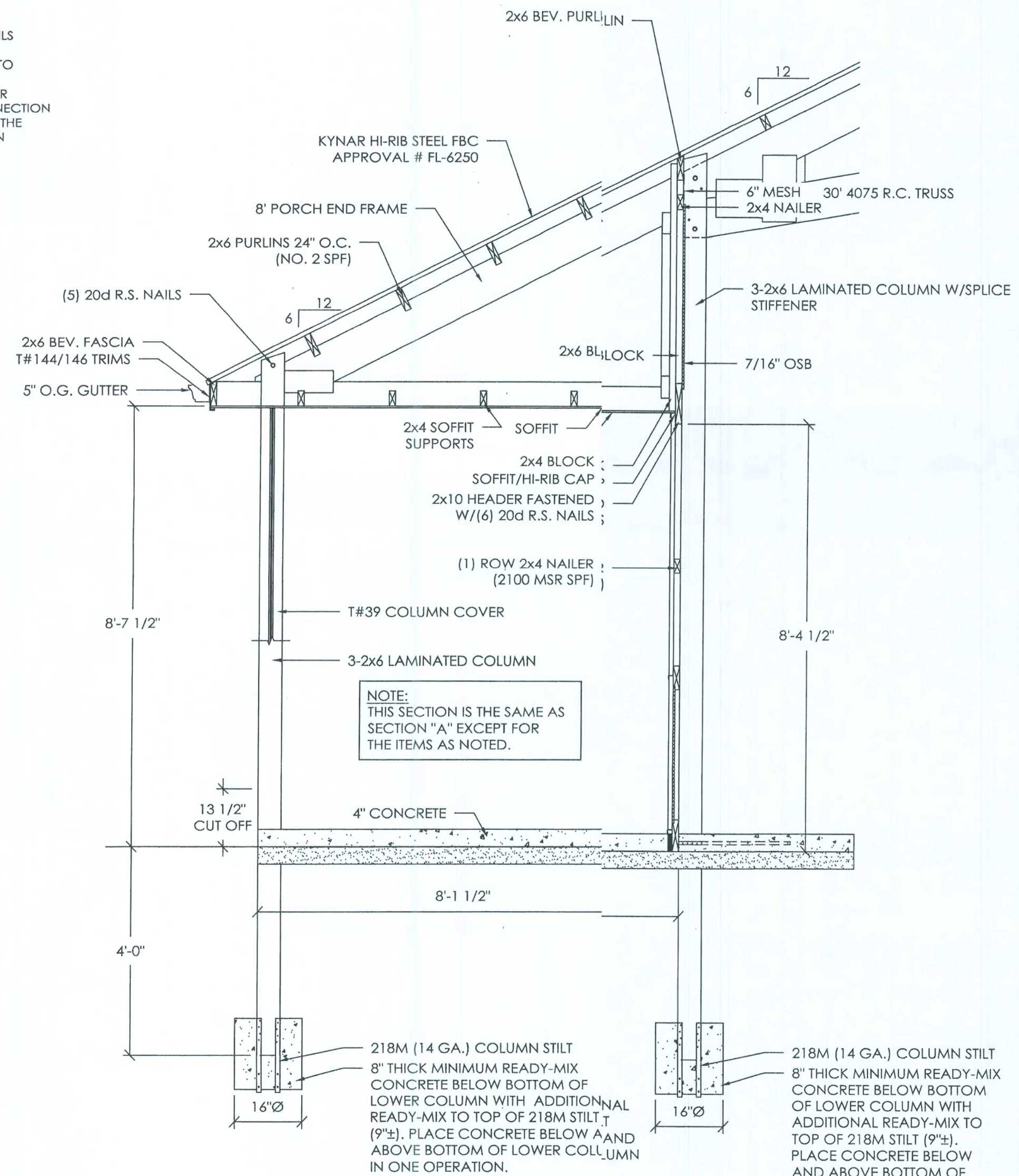
OHD HEADER SECTION C

SCALE: 1" = 1'-0"

HEADER NAILING SCHEDULE

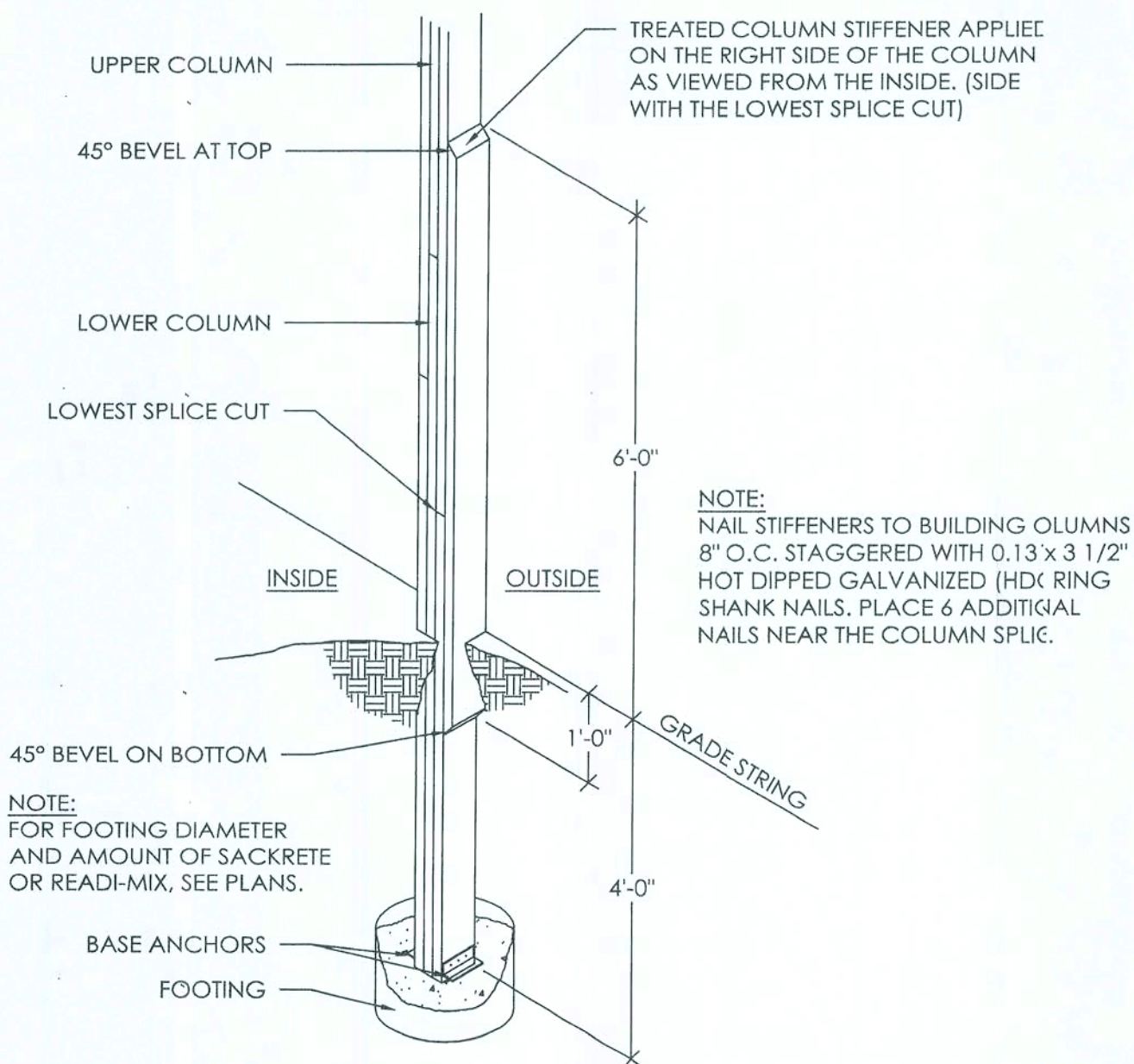
HEADER MEMBER	UPRIGHT	JAMB COLUMN
EA. 2X8	4	4

- NOTES:
- NUMBERS ABOVE ARE 20d R.S. NAILS REQUIRED PER CONNECTION.
  - PRE-DRILL HEADERS AS REQUIRED TO PREVENT SPLITTING.
  - IF NUMBER OF NAILS REQUIRED FOR HEADER TO JAMB COLUMN CONNECTION IS EXCESSIVE TO CAUSE SPLITTING, THE EXCESS NAILS MAY BE INSTALLED IN HEADER SUPPORT BLOCKING.



8' PORCH SECTION D

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



COLUMN SPLICE STIFFENER DETAIL

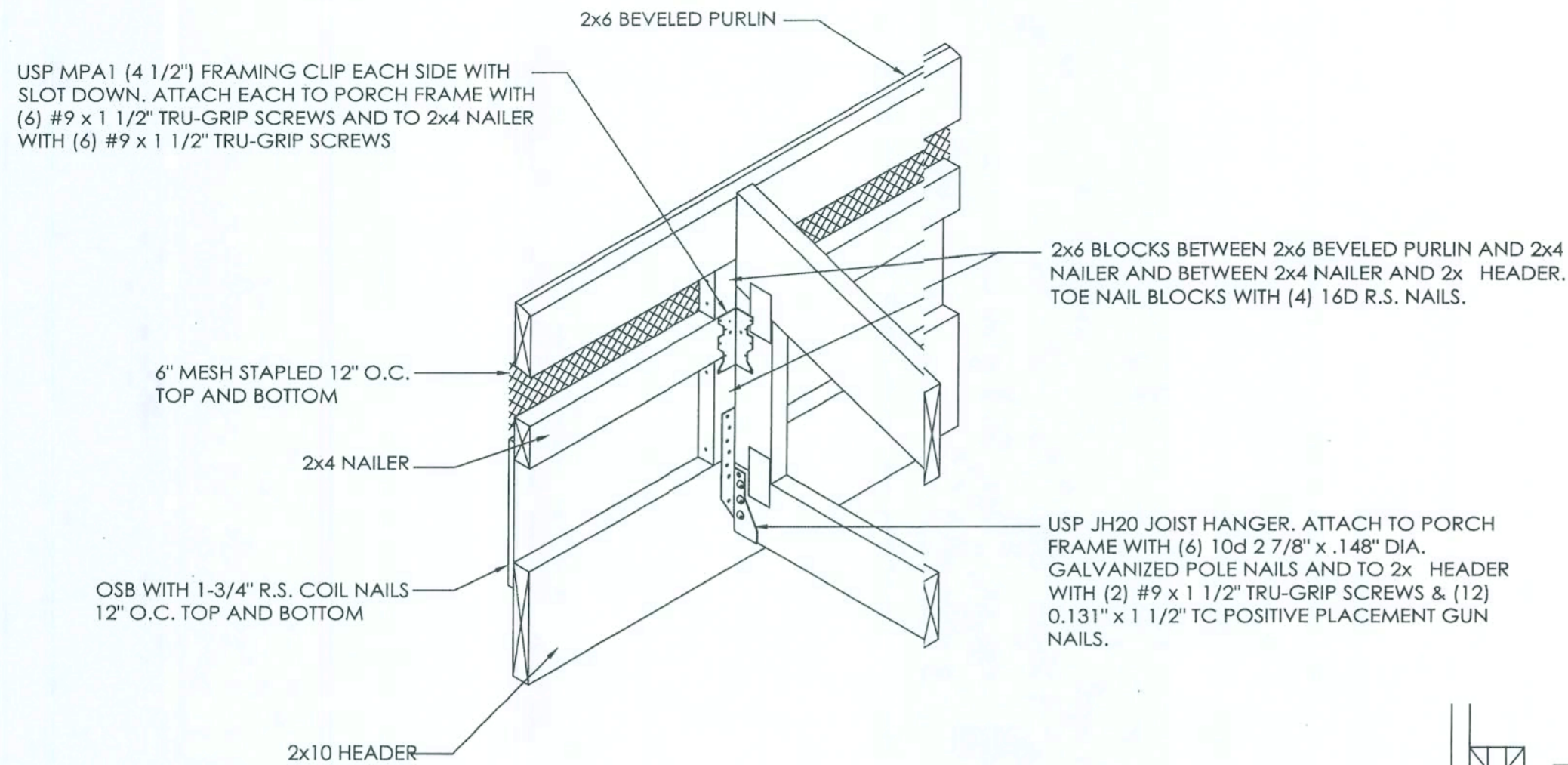
DAVID OR GLORIA FRIAR  
FT. WHITE, FL

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550  
PHONE NUMBER: 309-263-4105  
COA 8-405

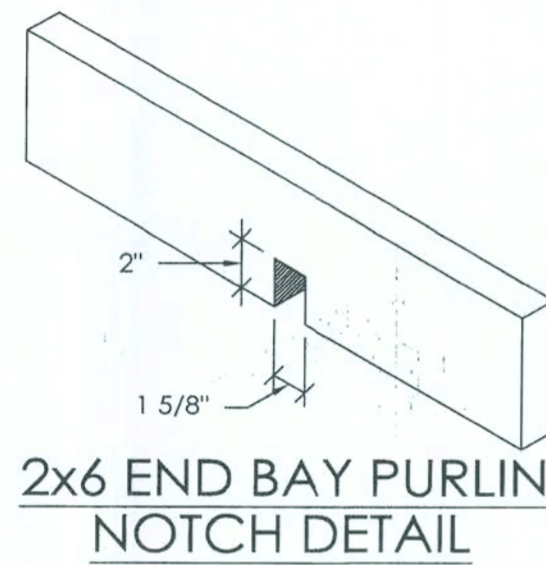
DRAWN BY:	MOSIER
DATE:	2/20/2009
CHECKED BY:	B. DAVIS
DATE:	02/24/09
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----

RONALD L. SUTTON, P.E.  
REG. # 34487

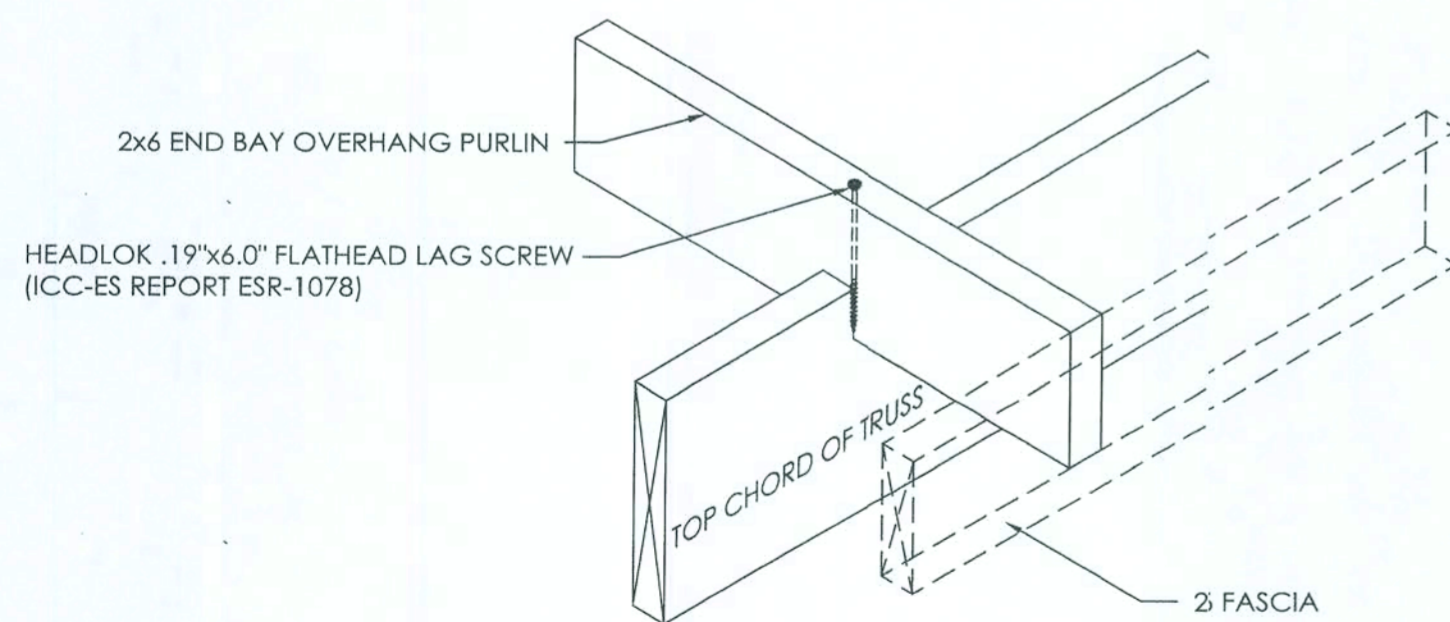
SCALE: AS NOTED  
SHEET NO.  
S7 OF S8



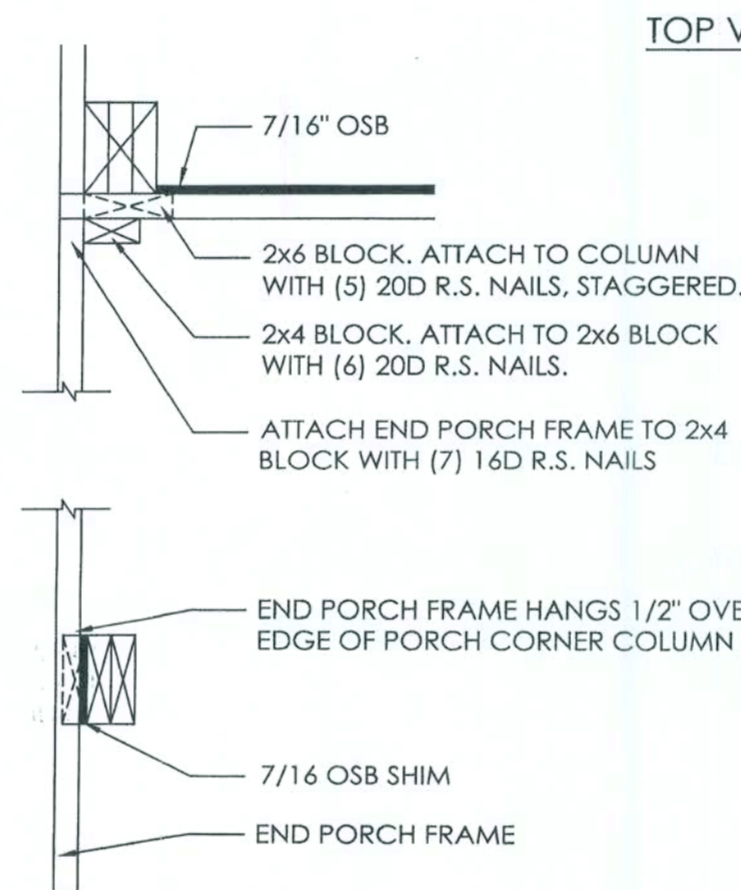
PORCH FRAME ATTACHED BETWEEN COLUMNS



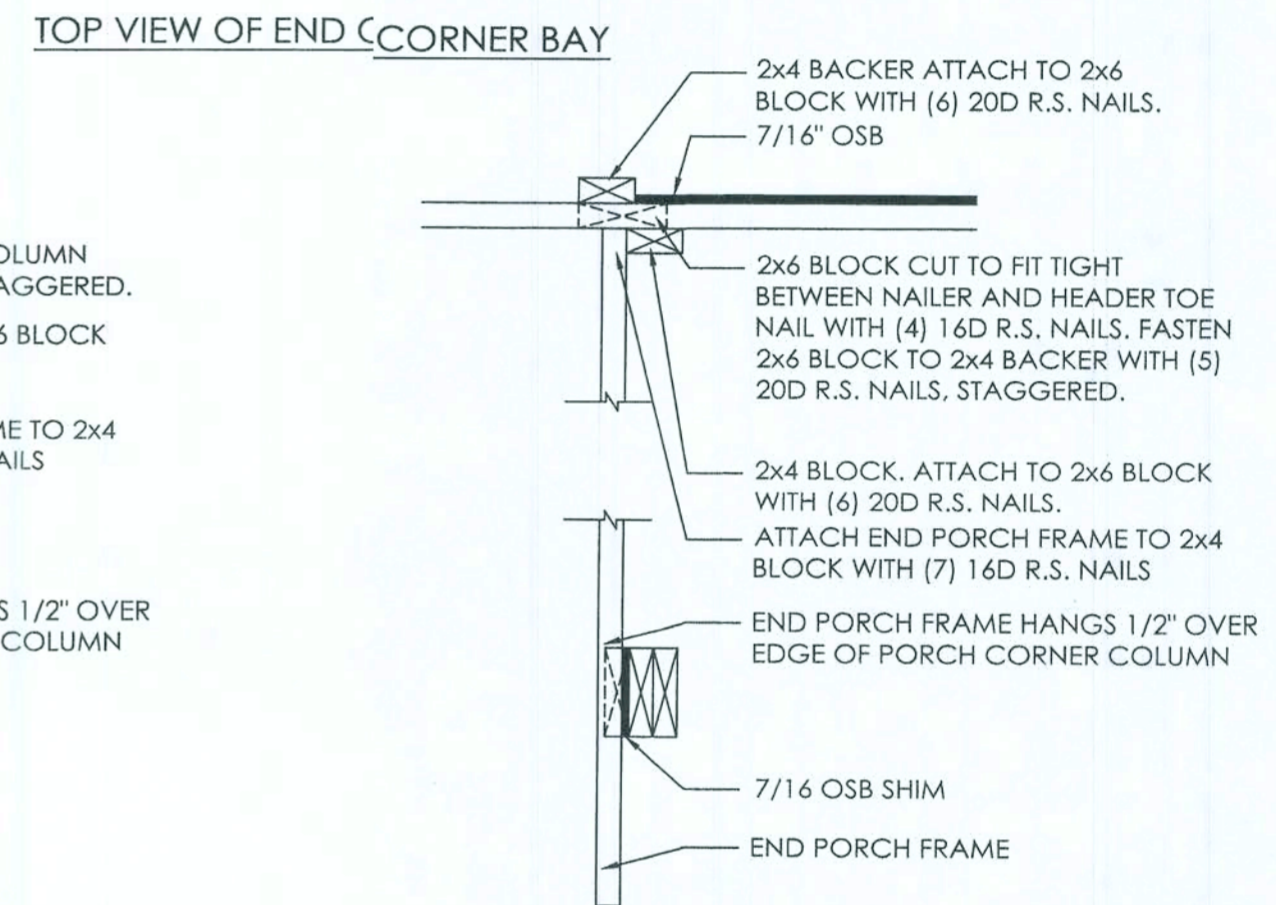
2x6 END BAY PURLIN  
NOTCH DETAIL



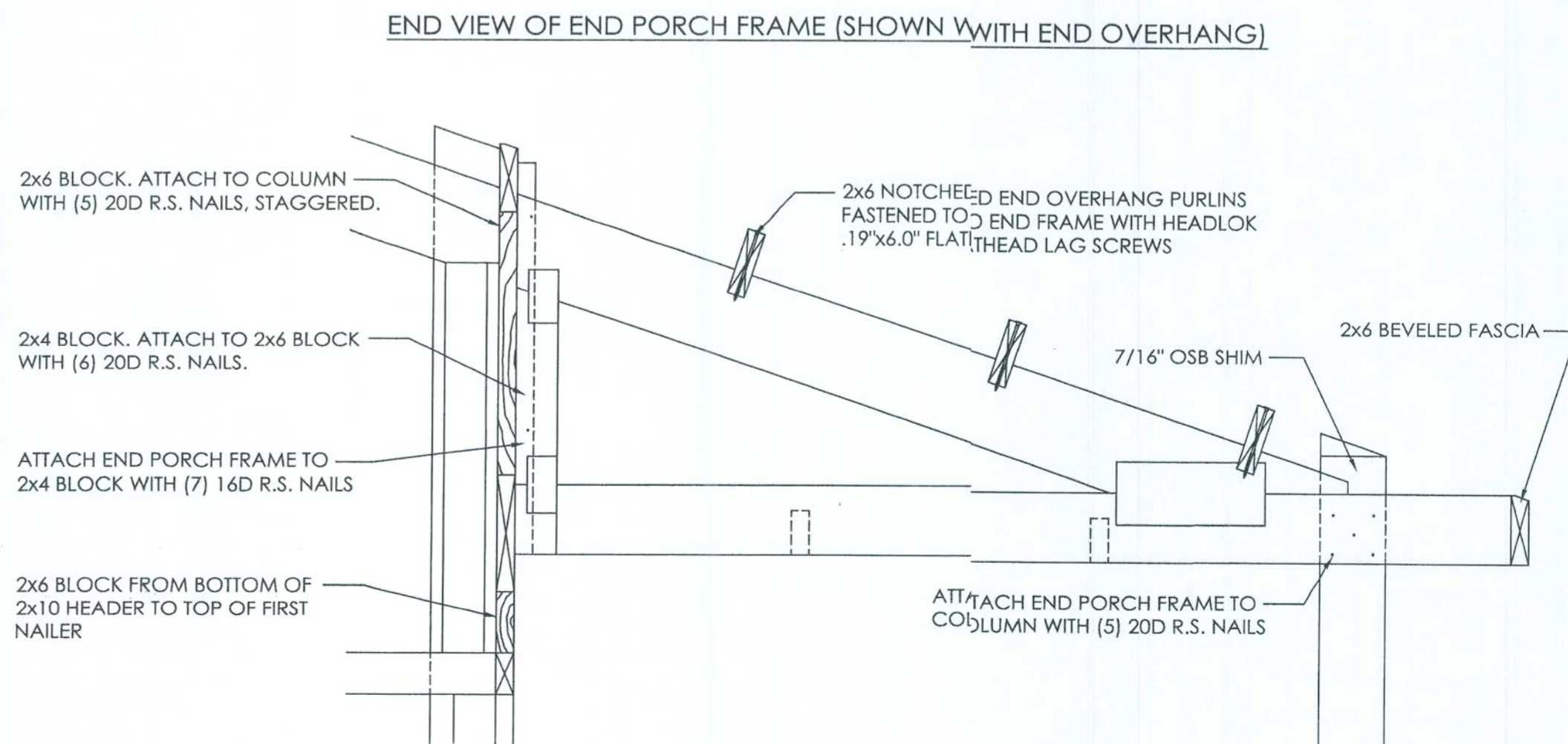
2x6 END OVERHANG DETAIL  
(PURLIN CONNECTED WITH 6\"/>



PORCH ENDS AT CORNER COLUMN



PORCH ENDS ALONG BUILDING



2x6 BLOCK. ATTACH TO COLUMN  
WITH (5) 20D R.S. NAILS, STAGGERED.

2x4 BLOCK. ATTACH TO 2x6 BLOCK  
WITH (6) 20D R.S. NAILS.

ATTACH END PORCH FRAME TO  
2x4 BLOCK WITH (7) 16D R.S. NAILS

2x6 BLOCK FROM BOTTOM OF  
2x10 HEADER TO TOP OF FIRST  
NAILER

2x6 NOTCHED END OVERHANG PURLINS  
FASTENED TO END FRAME WITH HEADLOK  
1/2\"/>

7/16\"/>

ATTACH END PORCH FRAME TO  
COLUMN WITH (5) 20D R.S. NAILS

DAVID OR GLORIA FRIAR

FT. WHITE, FL

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA 8-400  
PHONE NUMBER: 309-263-4105

ROOF STRUCTURE FASTENING SCHEDULE		
①	VENT-A-RIDGE TO BASE TRIM	#9 x 1" STAINLESS STEEL RUBBER WASHER PANHEAD INTERNAL DRIVE SCREWS @ 8" o.c.
②	RIDGE BASE TRIM TO 2x4 PURLINS	#9 x 2" STAINLESS STEEL RUBBER WASHER PANHEAD INTERNAL DRIVE SCREWS AT EVERY HI-RIB (1'-0" o.c.)
③	HI-RIB STEEL TO 2X4 PURLINS	#9 x 2" STAINLESS STEEL RUBBER WASHER PANHEAD INTERNAL DRIVE SCREWS AT EVERY HI-RIB (1'-0" o.c.)
④	20 ga. GALVANIZED PURLIN CONNECTORS	#9 x 1" TRU-GRIP SCREWS
⑤	2x4 PURLINS TO TRUSS (INTERIOR ZONES)	0.200" x 6" (60d) RING SHANK NAILS IN PRE-DRILLED HOLE
⑥	2x4 PURLINS TO TRUSS (EXTERIOR ZONES)	HEADLOK .19"x6.0" FLATHEAD LAG SCREW IN PRE-DRILLED HOLE
⑦	30' RAISED CHORD TRUSS TO COLUMN	(2) 1/2" x 5 1/2" M.BOLTS & (4) 0.177" x 4" (20d) RING SHANK NAILS
WALL FRAMING FASTENING SCHEDULE		
⑧	COLUMN STILT (14 GA.) TO COLUMN	(12) 0.148" x 2" (6d) STAINLESS STEEL RING SHANK NAILS
⑨	81M BASE ANCHOR TO COLUMN	0.177" x 2-1/2" STAINLESS STEEL NAILS (4) PER ANCHOR
⑩	2x8 SPLASHBOARD TO COLUMN	(4) 0.177" x 4" (20d) STAINLESS STEEL RING SHANK NAILS @ SPLICE/ (3) 0.177" x 4" (20d) RING SHANK NAILS @ STANDARD CONNECTION
⑪	2x6 NOTCHED NAILER TO COLUMN	(4) 0.148" x 3-1/2" (16d) NAILS @ SPLICE/ (3) 0.148" x 3-1/2" (16d) NAILS @ STANDARD CONNECTION
⑫	7/16" OSB TO SPLASHBOARD & NOTCHED NAILER	0.099" x 1-1/4" ASBESTOS SIDING NAILS
⑬	2x4 NAILER TO COLUMN	(4) 0.148" x 3-1/2" (16d) RING SHANK NAILS @ SPLICE/ (3) 0.148" x 3-1/2" (16d) RING SHANK NAILS @ STANDARD CONNECTION
⑭	END RAFTER ASSEMBLY TO 2-2x6 END COLUMN EXTENSIONS	(6) 0.177" x 4" (20d) RING SHANK NAILS
⑮	2x4 PURLIN TO END RAFTER ASSEMBLY	0.200" x 6" (60d) RING SHANK NAILS IN PRE-DRILLED HOLE
⑯	HI-RIB STEEL TO NAILERS	#9 x 2" STAINLESS STEEL RUBBER WASHER PANHEAD INTERNAL DRIVE SCREWS AT EVERY HI-RIB (1'-0" o.c.)
⑰	SOFFIT TO WALL	INSERTED IN PRE-FORMED SLOT IN SOFFIT/HI-RIB CAP
⑱	SOFFIT TO FASCIA	T-50 MONEL STAPLES (2) PER PIECE
PORCH FASTENING SCHEDULE		
⑲	10' PORCH END FRAME TO PORCH COLUMN	(5) 0.177" x 4" (20d) RING SHANK NAILS
⑳	2x6 PURLIN TO PORCH END FRAME	HEADLOK .19"x6.0" FLATHEAD LAG SCREW
㉑	USP MPA1 FRAMING CLIP TO OVERHANG NAILER BLOCK	(3) 1-1/2" SHINGLE NAILS
㉒	USP MPA1 FRAMING CLIP TO OVERHANG FRAME	(3) #9x1" TRU-GRIP SCREWS

DRAWN BY:	MOSIER
DATE:	2/20/2009
CHECKED BY:	B. DAVIS
DATE:	02/24/09
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----

RONALD L. SUTTON, P.E.  
REG. # 34487

SCALE: AS NOTED

SHEET NO.

S8 OF S8