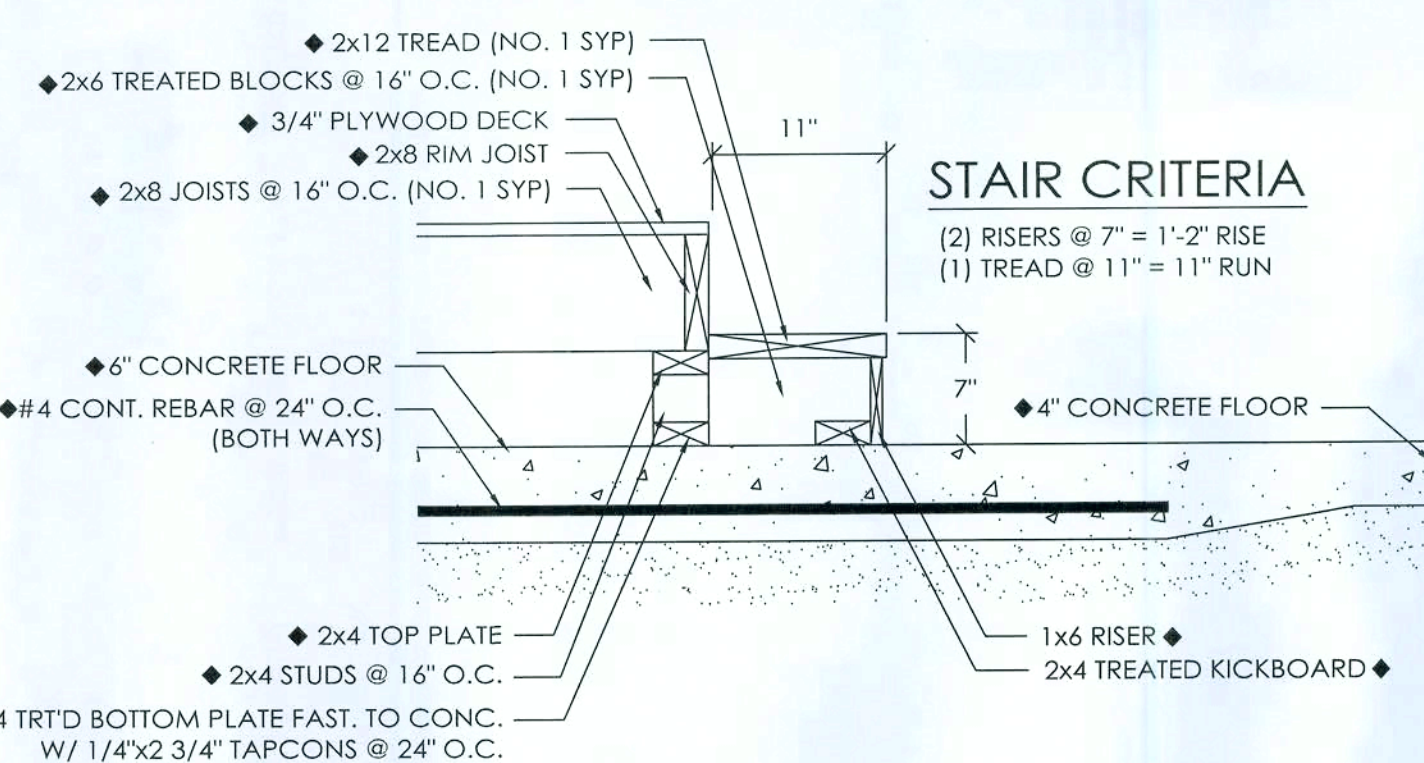
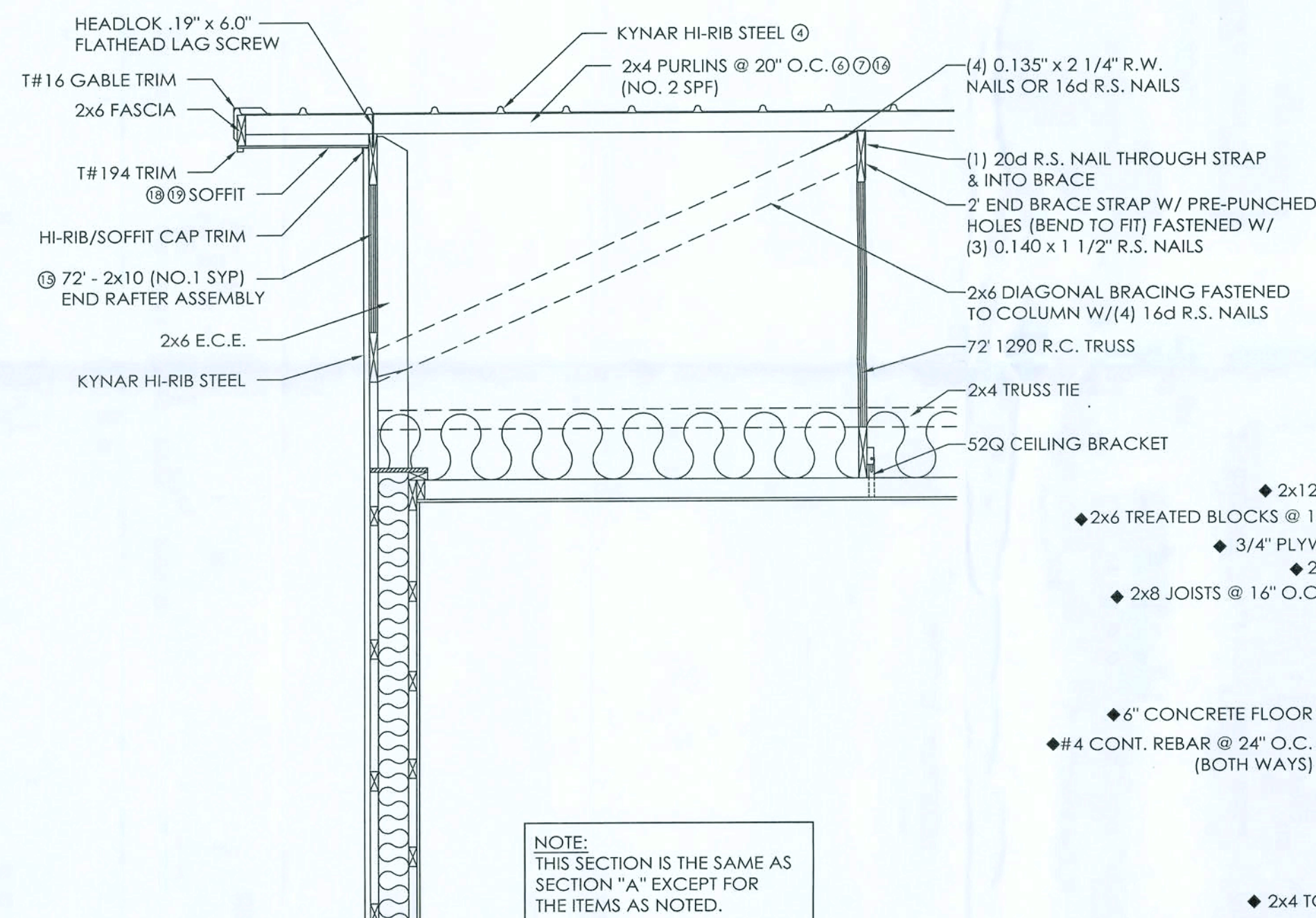
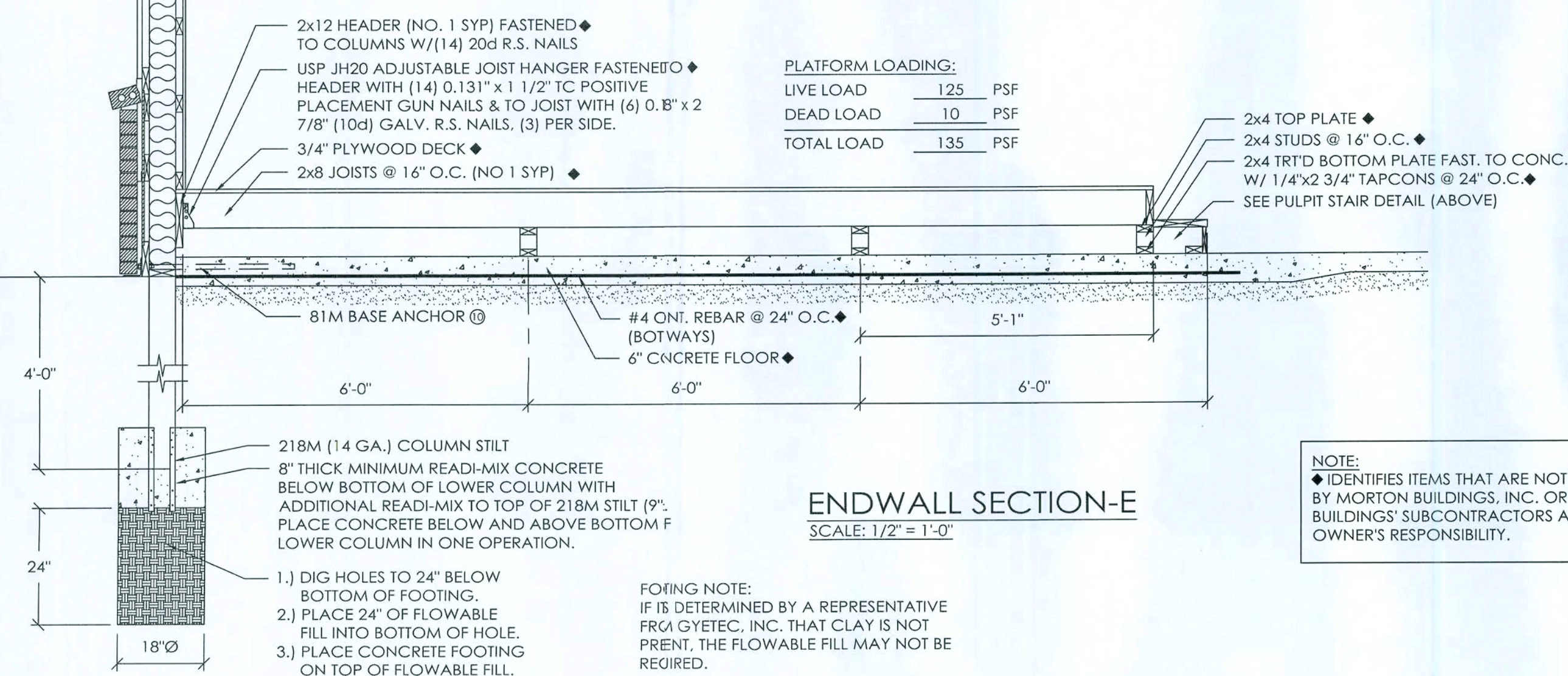


CANOPY CONNECTION SECTION-C  
SCALE: 3/4" = 1'-0"

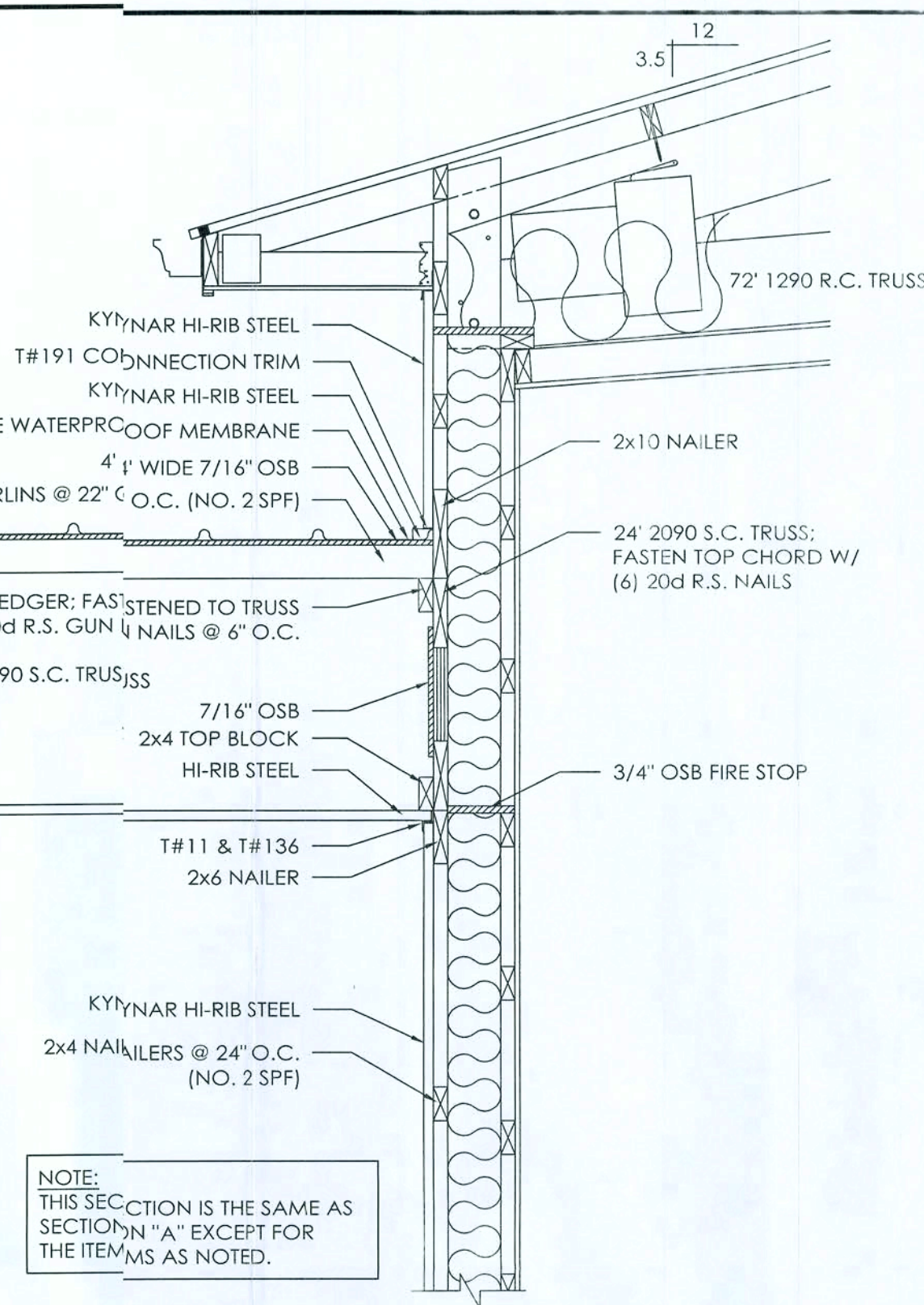


### PULPIT STAIR DETAIL

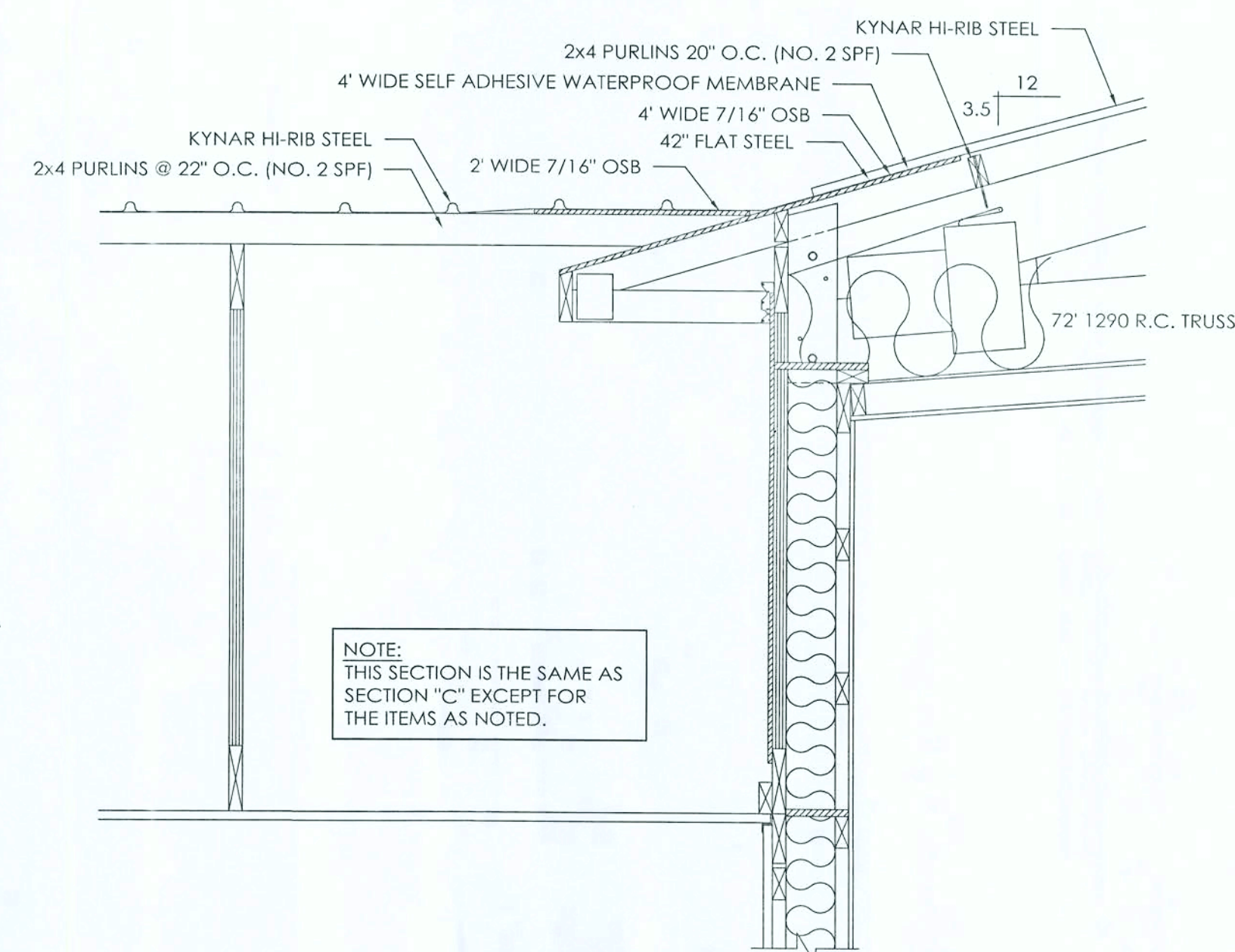
SCALE: 1" = 1'-0"



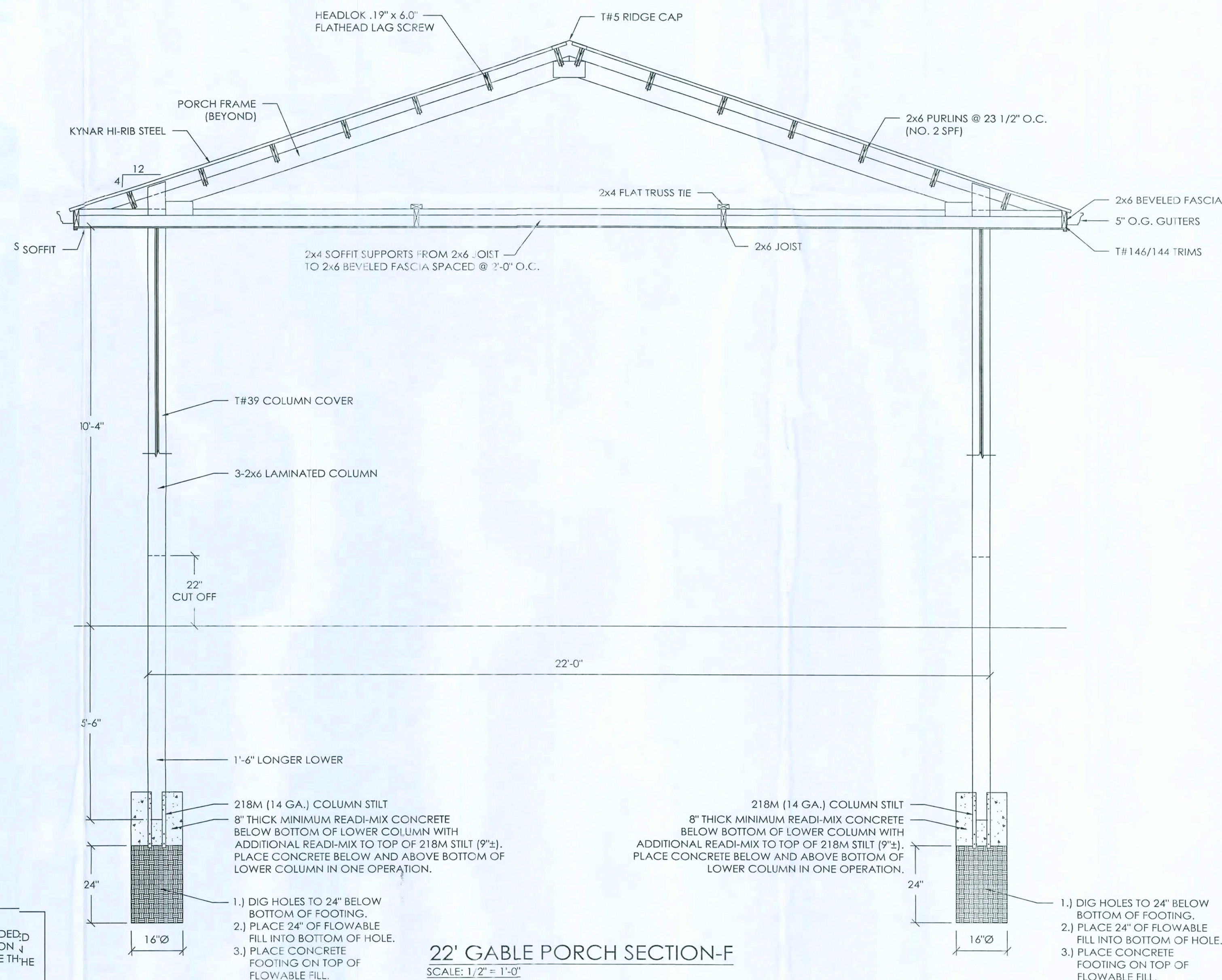
ENDWALL SECTION-E  
SCALE: 1/2" = 1'-0"



**NOTE:**  
THIS SECTION IS THE SAME AS  
SECTION "A" EXCEPT FOR  
THE ITEMS AS NOTED.



CANOPY VALLEY SECTION-D  
SCALE: 3/4" = 1'-0"



22' GABLE PORCH SECTION-F  
SCALE: 1/2" = 1'-0"

FOOTING NOTE:  
IF IT IS DETERMINED BY A REPRESENTATIVE  
FROM GYETEC, INC. THAT CLAY IS NOT  
PRESENT, THE FLOWABLE FILL MAY NOT BE  
REQUIRED.

FOOTING NOTE:  
IF IT IS DETERMINED BY A REPRESENTATIVE  
FROM GYETEC, INC. THAT CLAY IS NOT  
PRESENT, THE FLOWABLE FILL MAY NOT BE  
REQUIRED.



MORTON BUILDINGS GENERAL SPECIFICATIONS

LAMINATED COLUMNS - NO. 1 OR BETTER SOUTHERN YELLOW PINE NAIL LAMINATED 3 MEMBER S4S COLUMN USED IN MORTON BUILDINGS ARE PRESSURE TREATED BELOW GRADE TO A RETENTION OF .8 POUNDS PER CUBIC FOOT WITH CHROMATED COPPER ARSENATE TYPE III, OXIDE IN CONFORMANCE WITH USEPA GUIDELINES AND AWPA 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 STILTS 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, PRESSURE TREATED TO A NET RETENTION OF .4 POUNDS PER CUBIC FOOT WITH A CODE AND INDUSTRY APPROVED PRESERVATIVE TREATMENT IN ACCORDANCE WITH AWPA 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 S4S 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 PLATES 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 A255 GALVALUME, WITH AN ADDITIONAL BAKED-ON KYNAR 500 / HYLAR 5000 FINISH WITH A NOMINAL 1 MIL. PAINT THICKNESS ON EXTERIOR.

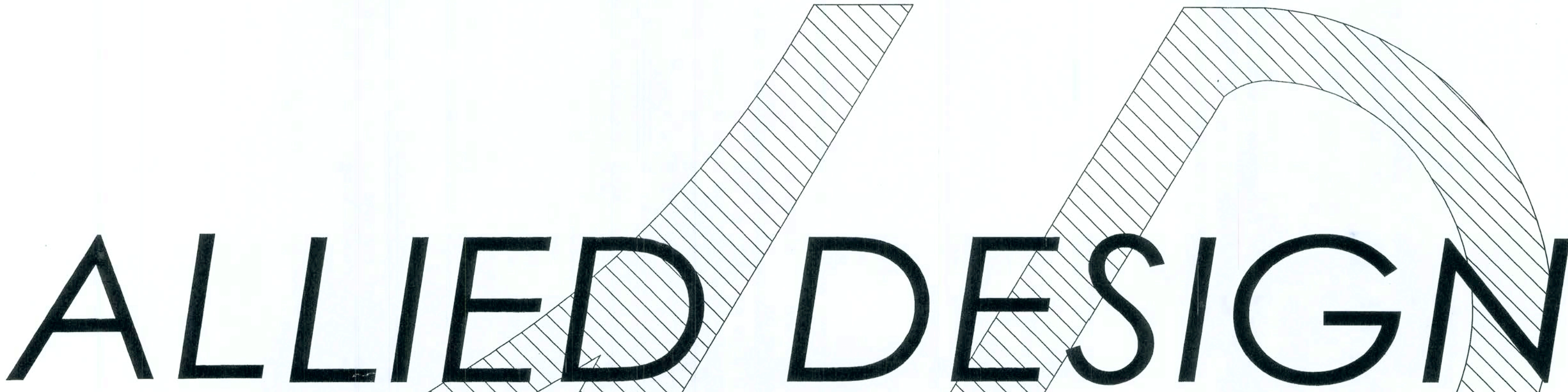
TRIM - DIE-FORMED TRIM OF 0.019" MIN., G90 GALVANIZED OR A255 GALVALUME STEEL ON GABLES, RIDGE CORNERS, BASE WINDOWS, AND DOORS WITH SAME FINISH AS ROOFING OR SIDING PANELS.

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 SAME TESTING PROCEDURES AS REQUIRED FOR WALL AND CEILING FINISHES.
- 4.) MORTON BUILDINGS GENERAL SPECIFICATIONS APPLY UNLESS INDICATED DIFFERENTLY ON SPECIFIC DRAWINGS OR SUPPLEMENTAL INFORMATION.
- 5.) KYNAR 500 IS A REGISTERED TRADEMARK OF ATOFINA CHEMICAL, INC., HYLAR 5000 IS A TRADEMARK OF SOLVAY SOLEXIS.

2x4K 11/05



BUILDING DESIGN CRITERIA	
BUILDING CODE: 2004 FLORIDA BUILDING CODE W/ 2006 SUPPLEMENT	
USE GROUP	A3, S1 *
CONSTRUCTION TYPE	VB
BUILDING AREA	7,224 SQ. FT.
MEAN ROOF HEIGHT	20'-10"
BUILDING CATEGORY	II
MIN. LIVE ROOF LOAD DESIGN	SEE BELOW
WIND SPEED (V <sub>3s</sub> )	110 MPH
WIND IMPORTANCE FACTOR	1.0
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 WINDS ON ELEVATIONS SHEET) (MAXIMUM VALUES SHOWN)	ZONE 1E 17.20 PSF
	ZONE 2E -23.06 PSF
	ZONE 3E -15.31 PSF
	ZONE 4E -14.16 PSF
	ZONE 5E 17.20 PSF
	ZONE 6E -14.16 PSF
	ZONE 1 12.50 PSF
	ZONE 2 -16.05 PSF
	ZONE 3 -11.67 PSF
	ZONE 4 -10.61 PSF
	ZONE 5 12.50 PSF
	ZONE 6 -10.61 PSF
COMPONENT & CLADDING WIND LOADS (ALL FORCES ACT NORMAL TO THE SURFACE) (FOR ZONES SEE ELEVATIONS)	ZONE 1 12.54, -19.92 PSF
	ZONE 2 12.54, -34.68 PSF
	ZONE 3 12.54, -51.28 PSF
	ZONE 4 21.77, -23.61 PSF
	ZONE 5 21.77, -29.15 PSF

MINIMUM LIVE ROOF LOAD DESIGNS FOR CONSTRUCTION, MAINTENANCE, REPAIR, AND OTHER TEMPORARY LOADS PER SECTION 1607.11.2  
1.) CANOPY TRUSSES, CANOPY HEADERS, CANOPY COLUMNS, PORCH FRAMES, PORCH COLUMNS, ROOF PURLINS AND OTHER SECONDARY STRUCTURAL MEMBERS = 20 PSF  
2.) ROOF TRUSSES, HEADERS, COLUMNS AND OTHER PRIMARY STRUCTURAL MEMBERS = 14 PSF  
3.) FOOTINGS = 12 PSF (DESIGNED FOR ROOF SNOW LOAD AND OTHER NON-TEMPORARY LOADS W/APPROVAL FROM BUILDING OFFICIAL.)

NOTE:  
THE PROPOSED MIXED USE GROUP BUILDING HAS BEEN DESIGNED WITHOUT FIRE BARRIERS TO SEPARATE OCCUPANCIES SATISFYING THE PROVISIONS OF FLORIDA BUILDING CODE SECTION 302.3.1 NONSEPARATED USES.

I HEREBY CERTIFY THAT THE ARCHITECTURAL DESIGN FOR THIS BUILDING WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ARCHITECT.

DONALD N. TIPPET, ARCHITECT  
DATE: 6/12/08 REG.# AR 92034

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  
DATE: 06.16.08 REG.# 34487

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

SHEET INDEX	
SHEET#	DESCRIPTION
G1 OF G2	SPECIFICATIONS & SHEET INDEX
G2 OF G2	BUILDING CODE SUMMARY
A1 OF A4	BUILDING LOCATION PLAN & SPECIFICATIONS
A2 OF A4	INTERIOR PLAN
A3 OF A4	ACCESSIBILITY REQUIREMENTS
A4 OF A4	ELEVATIONS
S1 OF S9	COLUMN PLAN
S2 OF S9	TRUSS/BRACING PLAN & DETAILS
S3 OF S9	TRUSS DRAWINGS, PURLIN LAYOUTS & FASTENING SCHEDULES
S4 OF S9	ELEVATIONS
S5 OF S9	SECTIONS & DETAILS
S6 OF S9	SECTIONS & DETAIL
S7 OF S9	SECTIONS
S8 OF S9	VALLEY FRAMING PLAN
S9 OF S9	VALLEY STEEL PLAN

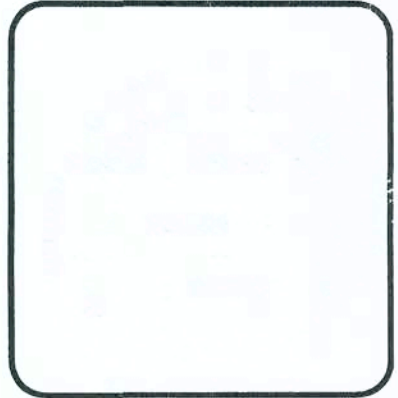
TYPICAL LUMBER SPECIFICATIONS - 2001 NDS		
SIZE	DESCRIPTION	BENDING VALUE FB
2x4	NO. 1 & 2 SPF	1313 PSI
2x4	2100F MSR SPF	2100 PSI
2x6	NO. 1 & 2 SPF	1138 PSI
2x6	NO. 1 SYP	1650 PSI
2x8	NO. 1 SYP	1500 PSI
2x10	NO. 1 SYP	1300 PSI
2x12	NO. 1 SYP	1250 PSI
ALL	1950F MSR SYP	1950 PSI
1 1/2"x16"	LAMINATED VENEER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

OFFICE:	GAINESVILLE, FL
JOB NO.	131-0732

OUR REDEEMER LUTHERAN CHURCH  
LAKE CITY, FL

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA 8-000  
PHONE NUMBER: 309-263-4105

DRAWN BY:	MBH
DATE:	04/04/08
CHECKED BY:	GMC
DATE:	05/29/08
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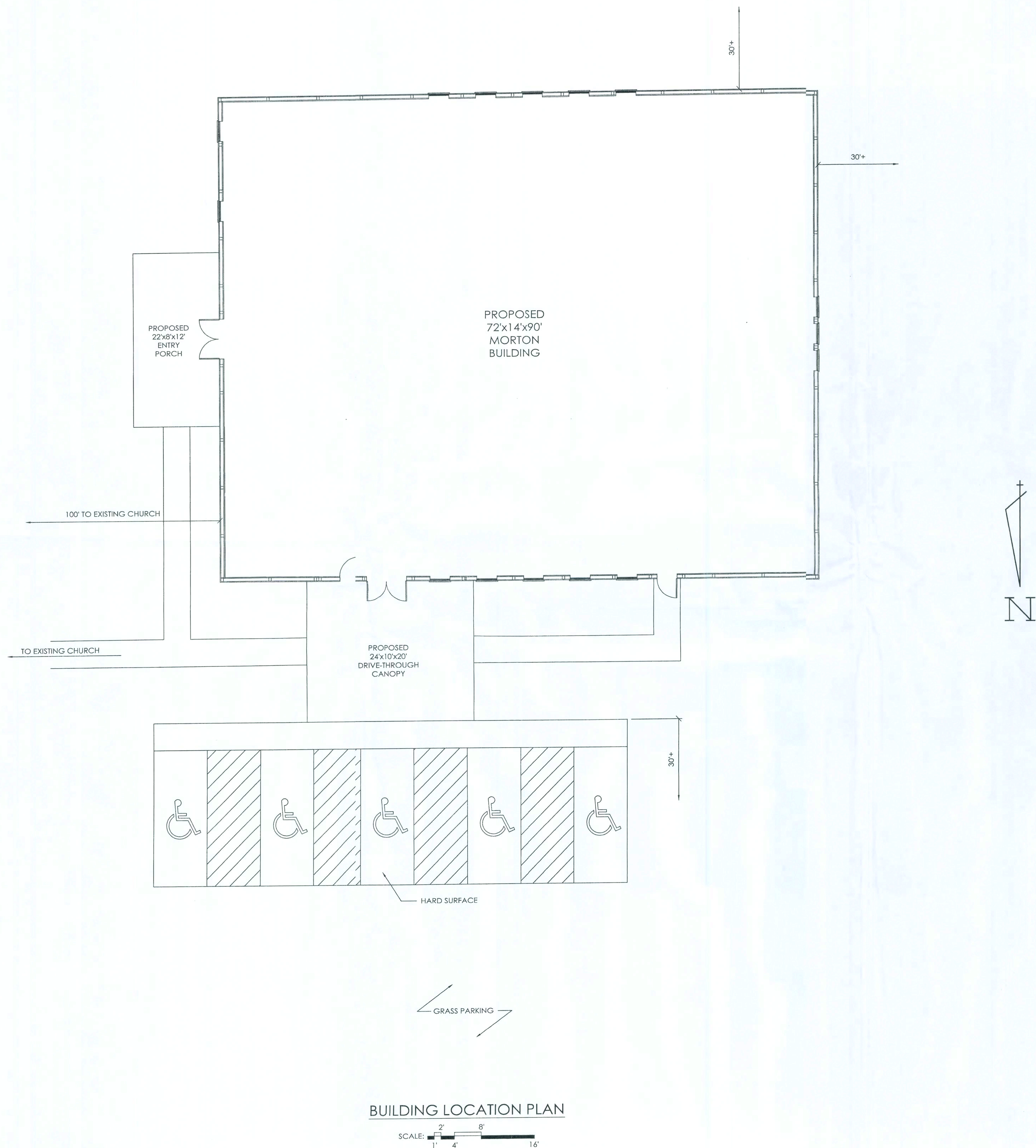


SCALE: AS NOTED  
SHEET NO.  
G1 OF G2



SCALE: AS NOTED  
SHEET NO.  
G2 OF G2

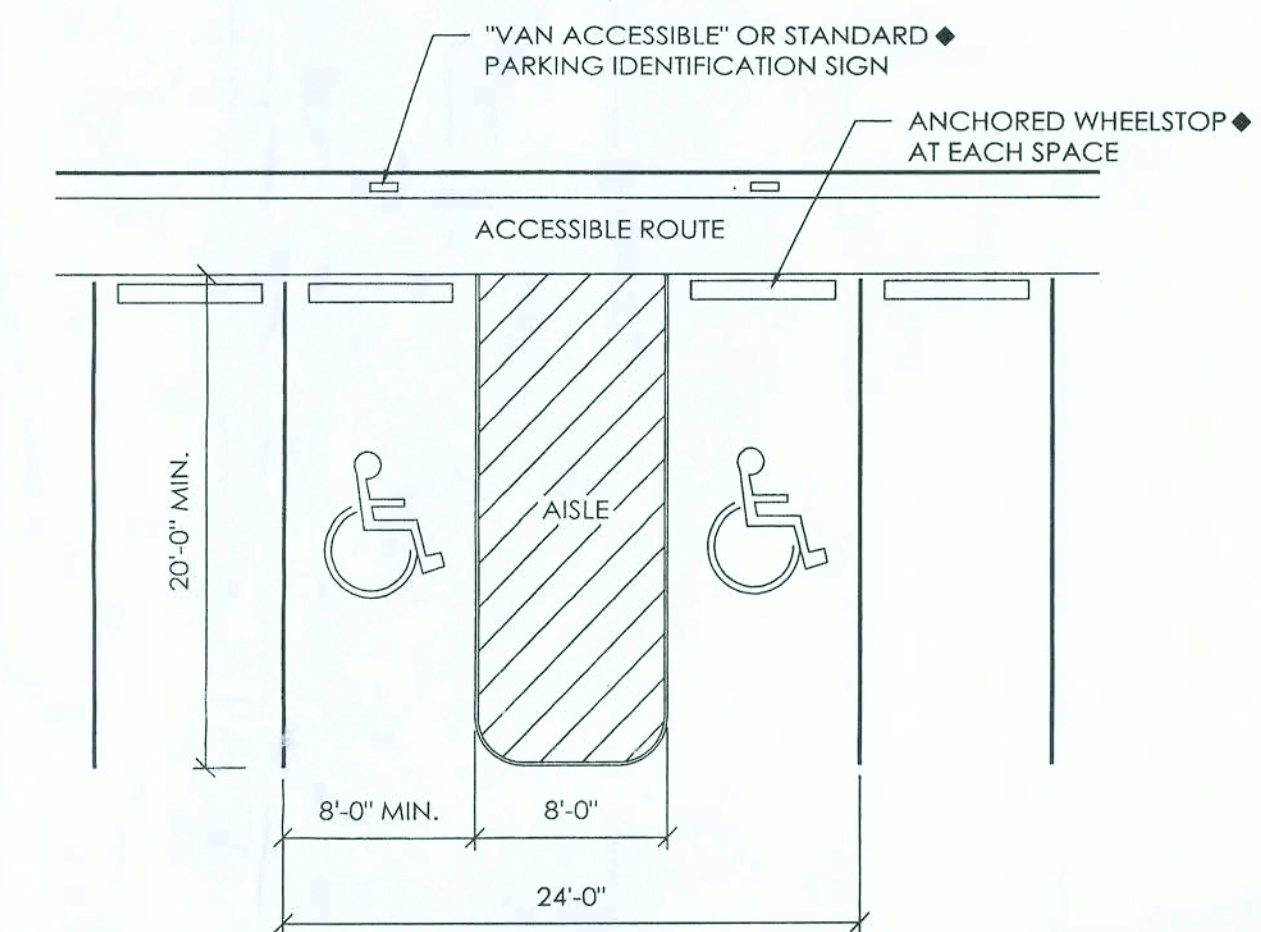




BUILDING LOCATION PLAN

SCALE: 1" = 4'

- SITE PLAN NOTES:**
- 1.) THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL BE 36" EXCEPT AT DOORS.
  - 2.) AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE OF GREATER THAN 1:20 IS A RAMP. NOWHERE SHALL THE CROSS SLOPE OF AN ACCESSIBLE ROUTE EXCEED 1:48.
  - 3.) THE MAXIMUM SLOPE OF A RAMP OR CURB RAMP SHALL BE 1:12 OR LESS IF POSSIBLE. THE MAXIMUM RISE FOR ANY RUN SHALL BE 30".
  - 4.) THE MINIMUM CLEAR WIDTH OF A RAMP 30' OR LESS SHALL BE 36". RAMP MORE THAN 30' IN LENGTH SHALL HAVE A MINIMUM CLEAR WIDTH OF 44".
  - 5.) RAMP SHALL HAVE LEVEL LANDINGS AT BOTTOM AND TOP OF EACH RAMP AND EACH RAMP RUN.
  - 6.) LANDINGS SHALL BE AT LEAST AS WIDE AS THE WIDTH OF THE RAMP RUN LEADING TO IT AND SHALL BE A MINIMUM OF 60" IN LENGTH. IF RAMP CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60'x60'.
  - 7.) IF A RAMP RUN HAS A RISE GREATER THAN 6", THEN IT SHALL HAVE HAND RAILS ON BOTH SIDES.
  - 8.) CHANGES IN LEVEL UP TO 1/4" MAY BE VERTICAL AND WITHOUT EDGE TREATMENT. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE ACCOMPLISHED BY MEANS OF A RAMP.
  - 9.) THE MINIMUM WIDTH OF A CURB RAMP SHALL BE 36", EXCLUSIVE OF FLARED SIDES.
  - 10.) THE MAXIMUM SLOPES OF ADJOINING CUTTERS, ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP, OR ACCESSIBLE ROUTE SHALL NOT EXCEED 1:20.
  - 11.) CURB RAMP TEXTURES SHALL CONSIST OF EXPOSED CRUSHED STONE AGGREGATE, ROUGHENED CONCRETE, RUBBER, RAISED ABRASIVE STRIPS, OR GROOVES EXTENDING THE FULL WIDTH AND DEPTH OF THE CURB RAMP. SURFACES THAT ARE RAISED, ETCHED, OR GROOVED IN A WAY THAT WOULD ALLOW WATER TO ACCUMULATE ARE PROHIBITED.
  - 12.) FOR PURPOSE OF WARNING, THE FULL WIDTH AND DEPTH OF CURB RAMP SHALL HAVE A LIGHT REFLECTIVE VALUE AND TEXTURE THAT SIGNIFICANTLY CONTRASTS WITH THAT OF ADJOINING PEDESTRIAN ROUTES.
  - 13.) IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, OR WHERE IT IS NOT PROTECTED BY HANDRAILS OR GUARDRAILS, IT SHALL HAVE FLARED SIDES. THE MAXIMUM SLOPE OF THE FLARE SHALL BE 1:10. CURB RAMP WITH RETURNED CURBS MAY BE USED WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP.
  - 14.) BUILT-UP CURB RAMP SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES OR INTO SPACES THAT WOULD INTERFERE WITH PERSONS ENTERING OR EXITING PARKED OR STANDING VEHICLES.
  - 15.) CURB RAMP SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES.

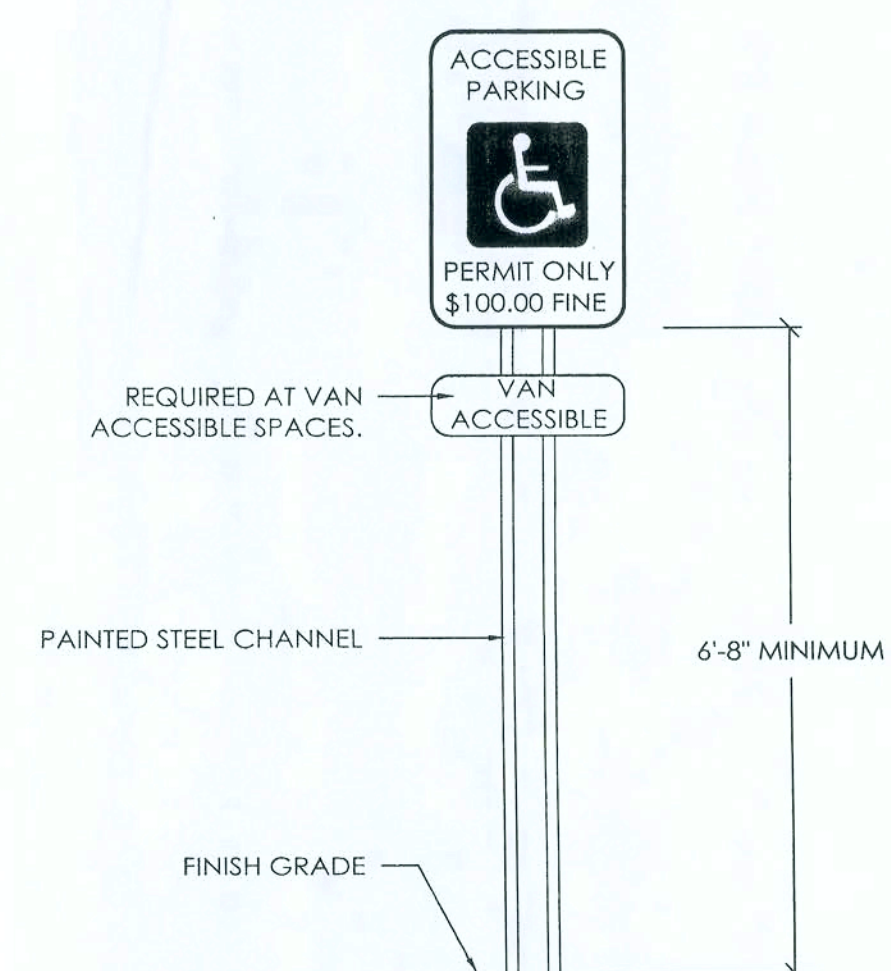


NOTE:  
ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 (2%) IN ALL DIRECTIONS.

\* NOTE:  
ONE SPACE MAY BE OMITTED WHEN ONLY ONE STALL IS REQUIRED.

ACCESSIBLE PARKING SPACE DETAIL ♦

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



ACCESSIBLE PARKING SIGN ♦

ACCESSIBILITY REQUIREMENTS

OFFICE:  
GAINESVILLE, FL  
JOB NO.  
131-0732

OUR REDEEMER LUTHERAN CHURCH  
LAKE CITY, FL

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100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 CCA 8-100  
PHONE NUMBER: 309-243-4105

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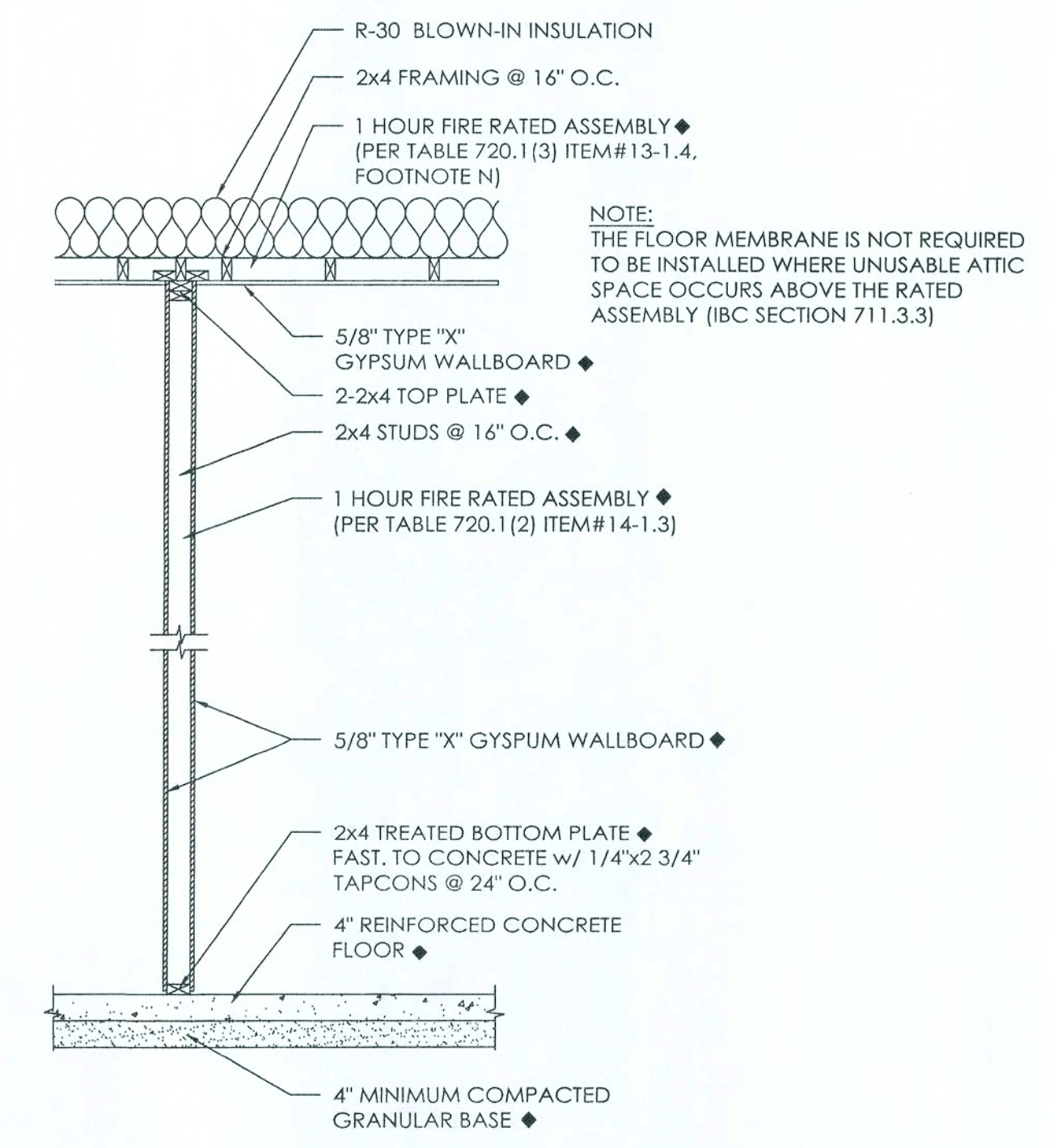
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A1 OF A4

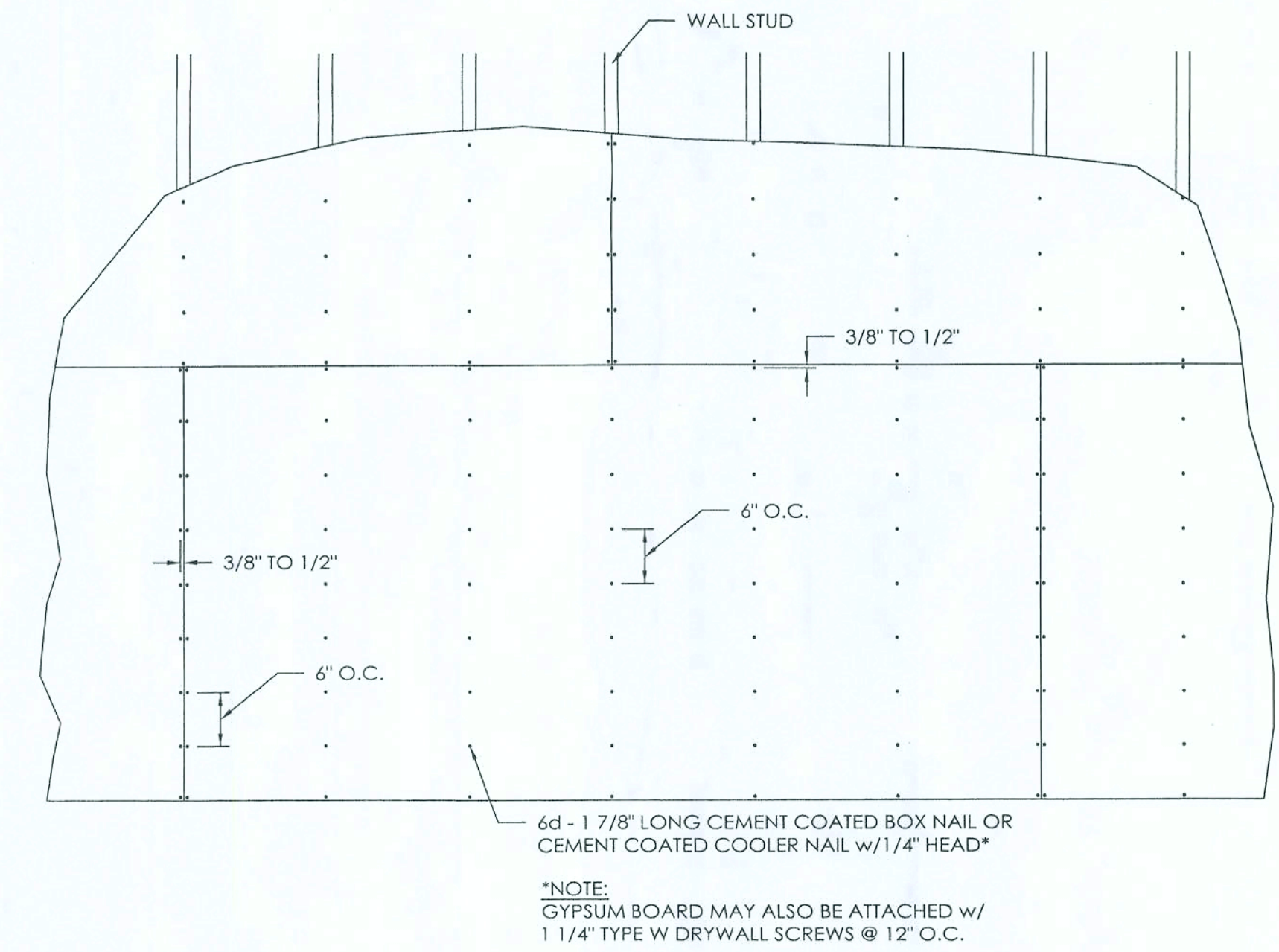


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*[Handwritten signature and initials]*

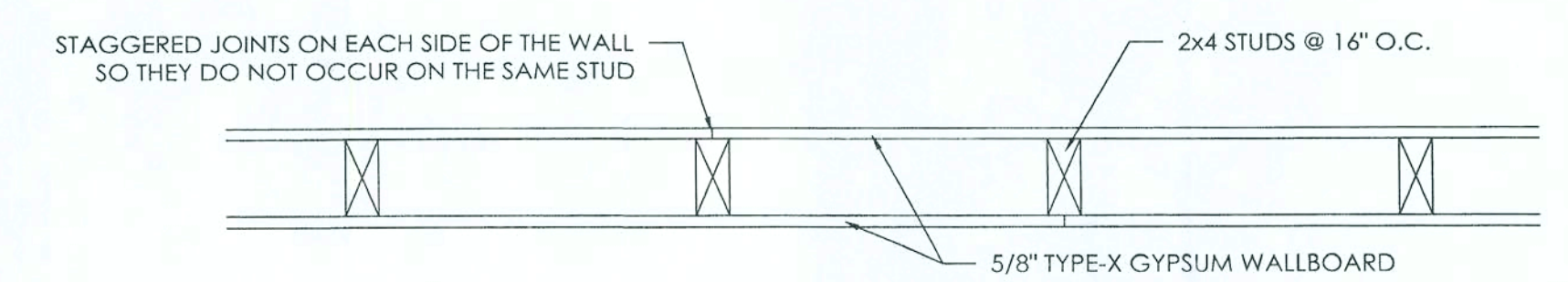


1 HOUR FIRE RESISTIVE CORRIDOR SECTION A-1  
SCALE: 1/2" = 1'-0"

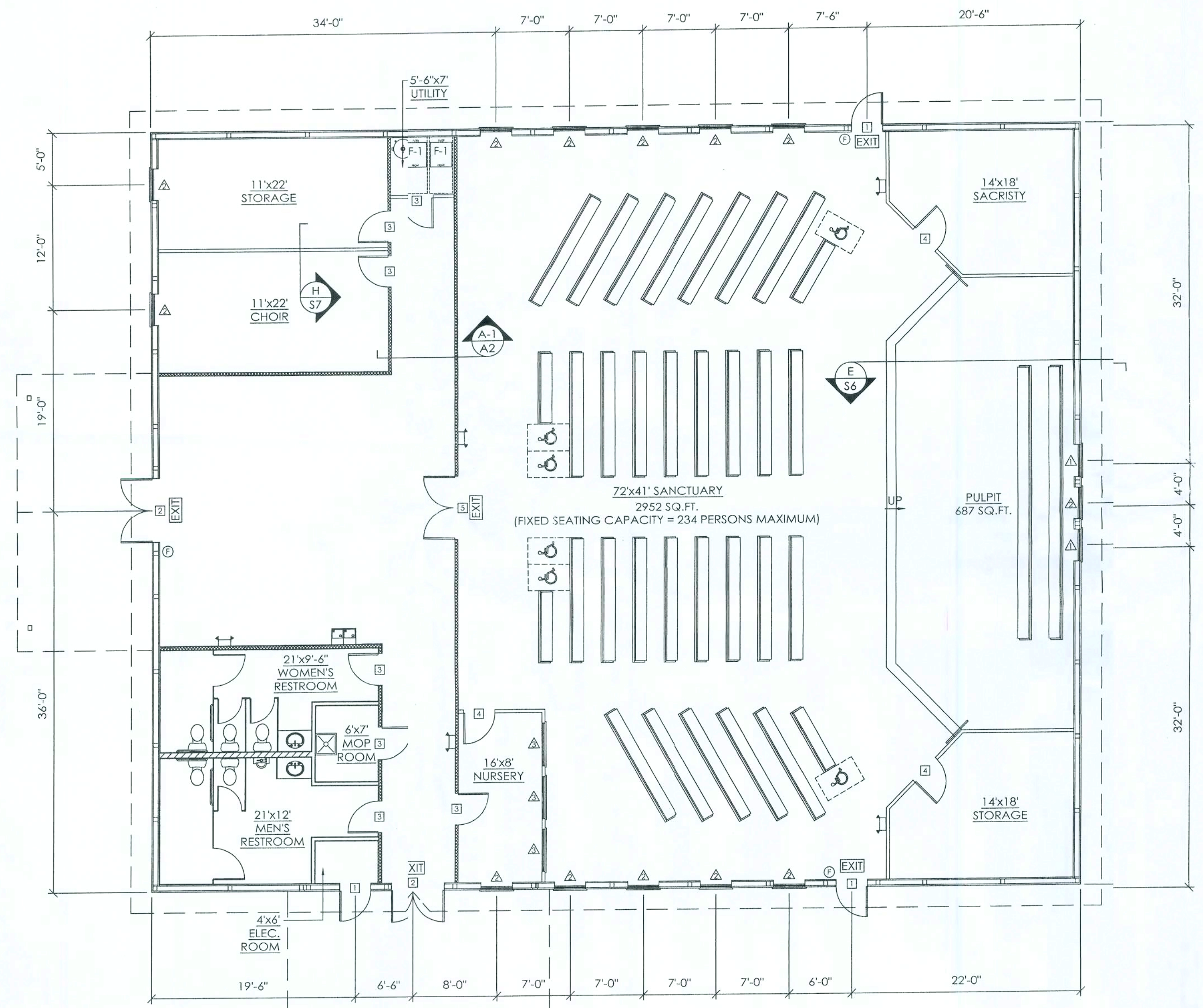


TYPICAL GYPSUM BOARD INSTALLATION ELEVATION  
SCALE: 3/4" = 1'-0" (1 HOUR FIRE RESISTIVE WALL PER IBC TABLE 720.1 (2) ITEM #14-1.3 + UL# U305)

- NOTES:
- 1.) JOINTS ARE NOT REQUIRE TO BE TAPED.
  - 2.) GYPSUM BOARD PANELS ARE PERMITTED TO BE INSTALLED WITH LONG EDGE PERPENDICULAR OR PARALLEL TO FRAMING.



TYPICAL GYPSUM BOARD INSTALLATION DETAIL  
SCALE: 1 1/2" = 1'-0" (1 HOUR FIRE RESISTIVE WALL PER IBC TABLE 720.1 (2) ITEM #14-1.3 + UL# U305)



INTERIOR LAYOUT LEGEND

- (1) - (3) 3068 FIBERSTEEL FLAT SLAB WALK DOORS W/LEVER LATCHSETS & CLOSERS
- (2) - 6068 DOUBLE GLASS ENTRY DOORS
- (7) - 3068 INTERIOR WALK DOORS (20 MIN. W/CLOSER)
- (4) - 3068 INTERIOR WALK DOORS
- (5) - 6068 DOUBLE INTERIOR WALK DOOR (20 MIN. W/CLOSER)
- (13) - PELLA PCC3559 CLAD FIXED CASEMENT WINDOWS
- (3) - PELLA PCC3559 CLAD CASEMENT WINDOWS W/CASEMENT TOPS
- (3) - PELLA PCC3559 CLAD FIXED CIRCLETOP WINDOWS
- (3) - WINDOWS (VERIFY SIZE)
- EXIT - EXIT LIGHTS
- EMERGENCY LIGHTING
- 2-A RATED FIRE EXTINGUISHERS

ROUGH OPENING SCHEDULE

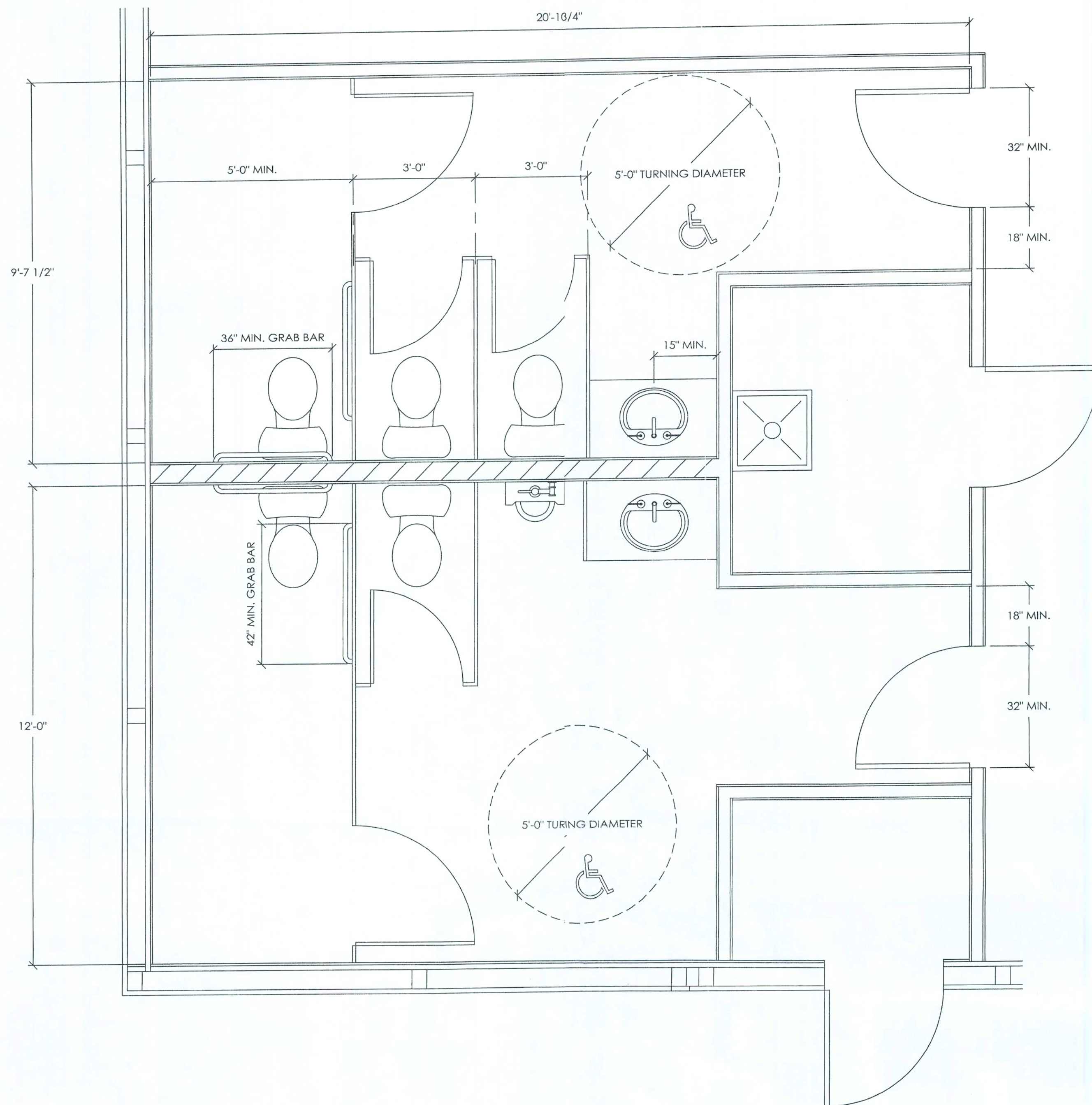
UNIT SYMBOL FROM LEGEND	WIDTH	HEIGHT
(1)	38 1/4"	81"
(2)	VERIFY	VERIFY
(3)	VERIFY	VERIFY
(4)	VERIFY	VERIFY
(5)	35 3/4"	59 3/4"
(6)	SEE SHEETS Z2, Z3 & Z4	

INTERIOR LAYOUT  
SCALE: 1" = 4'-0"

- NOTES:
- 1.) INTERIOR WALK DOORS, FIXTURES AND FINISHES ARE NOT BY MORTON BUILDINGS, INC. OR MORTON BUILDINGS' SUBCONTRACTORS AND ARE THE OWNERS RESPONSIBILITY.
  - 2.) INTERIOR STUDWALLS ARE NOT BY MORTON BUILDINGS, INC. OR MORTON BUILDINGS' SUBCONTRACTORS AND ARE THE OWNERS RESPONSIBILITY.
  - 3.) STUDWALLS ARE TO BE 2x4'S @ 16" O.C. UNLESS NOTED OTHERWISE.
  - 4.) [Hatched pattern] = 2x6 STUDWALL @ 16" O.C.
  - 5.) [Cross-hatched pattern] = 1 HOUR FIRE-RATED PARTITION (TABLE 720.1 (2) ITEM # 14-1.3)
  - 6.) EXTERIOR WINDOW AND WALK DOOR LOCATIONS ARE DIMENSIONED FROM THE EXTERIOR OF THE BUILDING NAILERS TO THE CENTERLINE OF EACH UNIT.

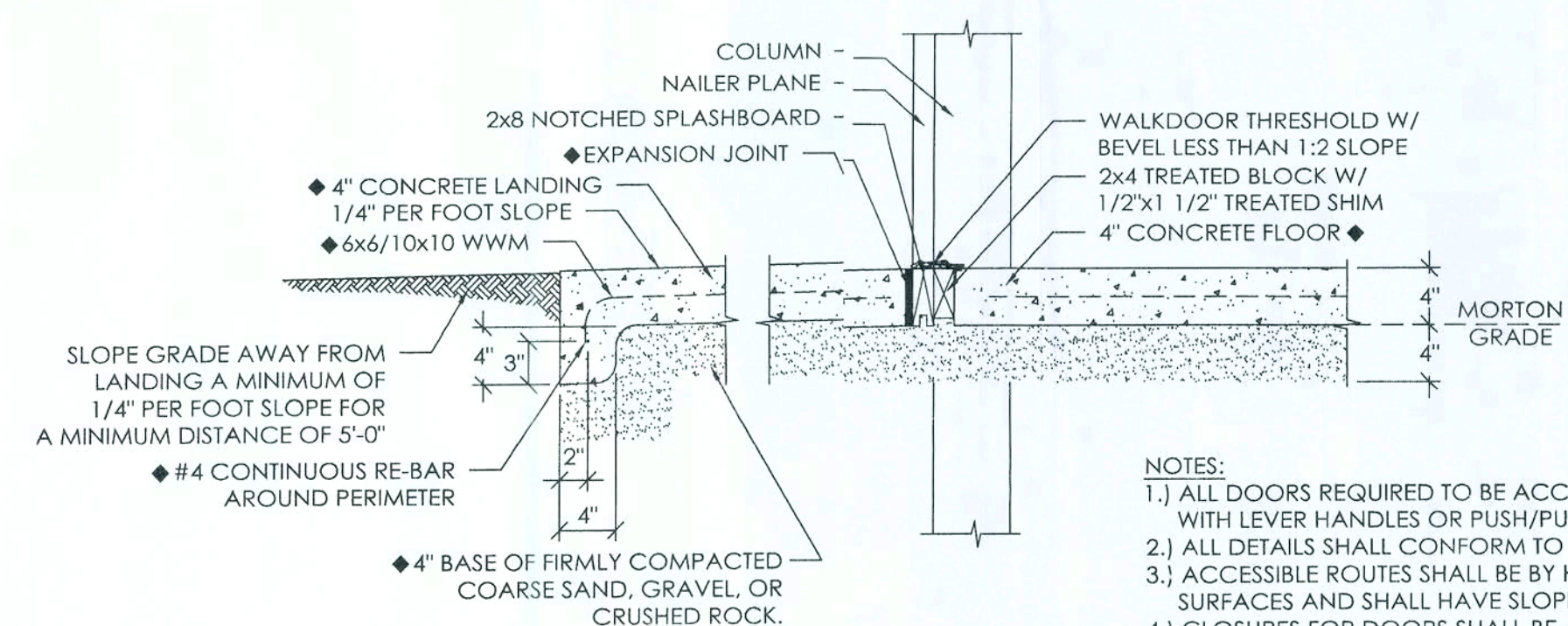
NOTE:  
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# RESTROOM CLEARANCE LAYOUT

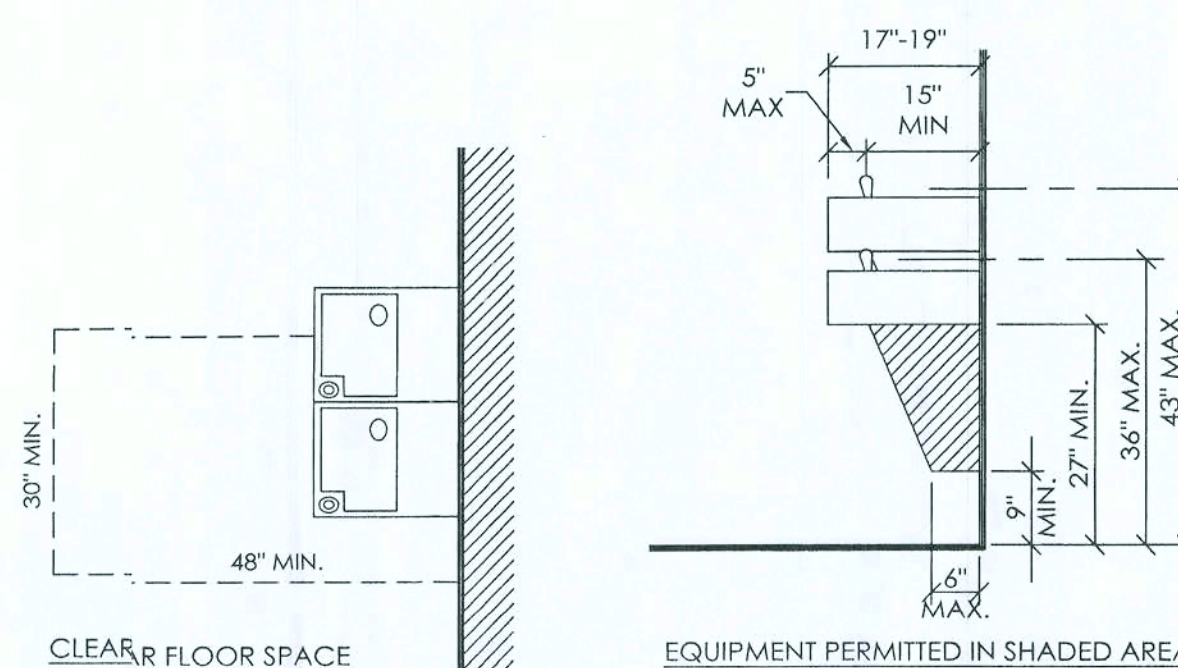
\* NOTE:  
BARRIER FREE RESTROOMS SHALL BE IDENTIFIED WITH INTERNATIONAL SYMBOL OF COMPLIANCE AND A TACTILE SIGN. THE SYMBOL OF COMPLIANCE SHALL BE LOCATED BETWEEN 60" & 96" AFF. THE TACTILE SIGN SHALL BE MOUNTED 60" AFF ADJACENT TO THE LATCH SIDE OF THE DOOR.



LANDING & THRESHOLD DETAIL FOR FIBERSTEEL WALKDOOR  
SCALE: 1" = 1'-0"

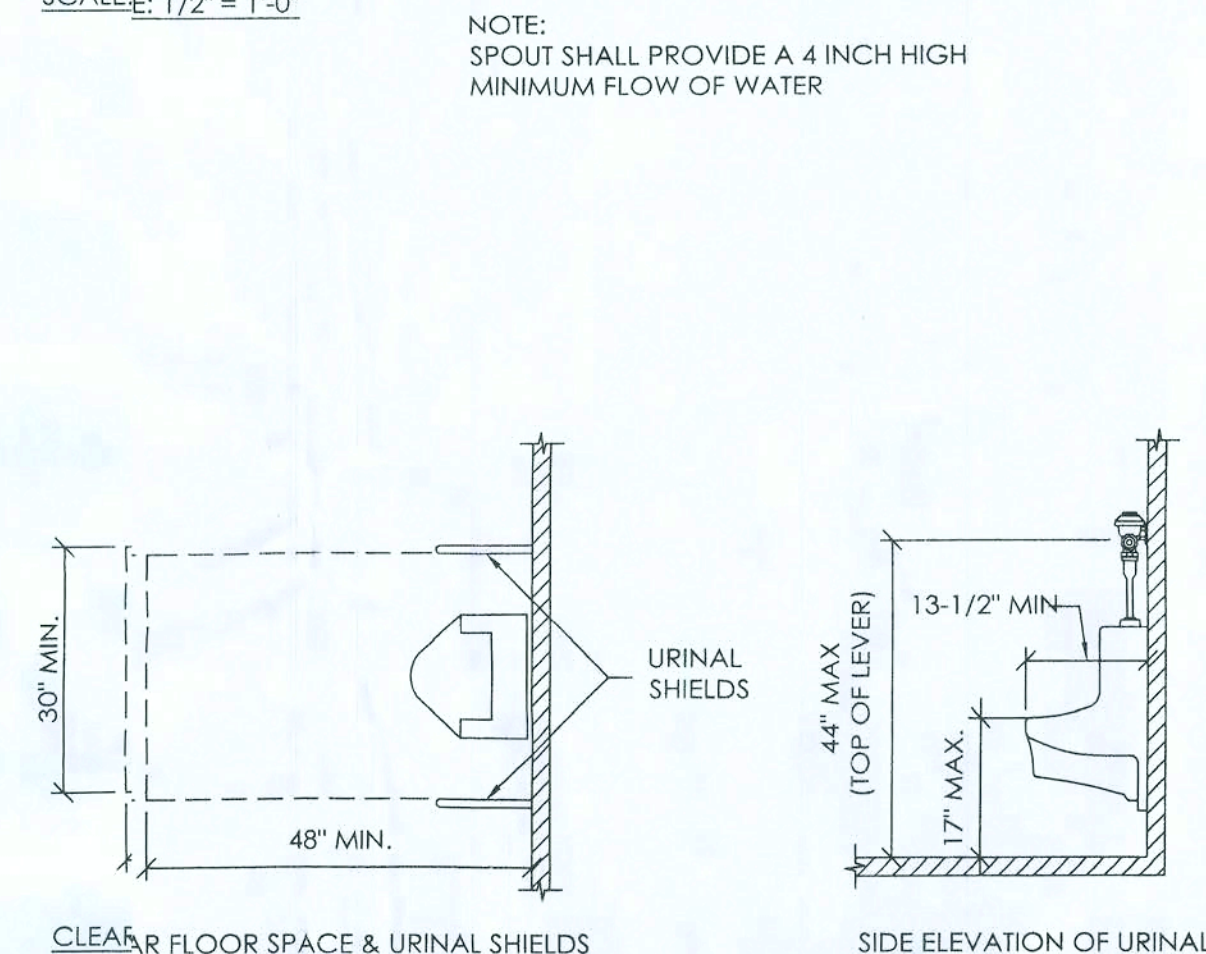
# ACCESSIBLE DRINKING FOUNTAIN ELEVATIONS

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



# ACCESSIBLE DRINKING FOUNTAIN DETAILS

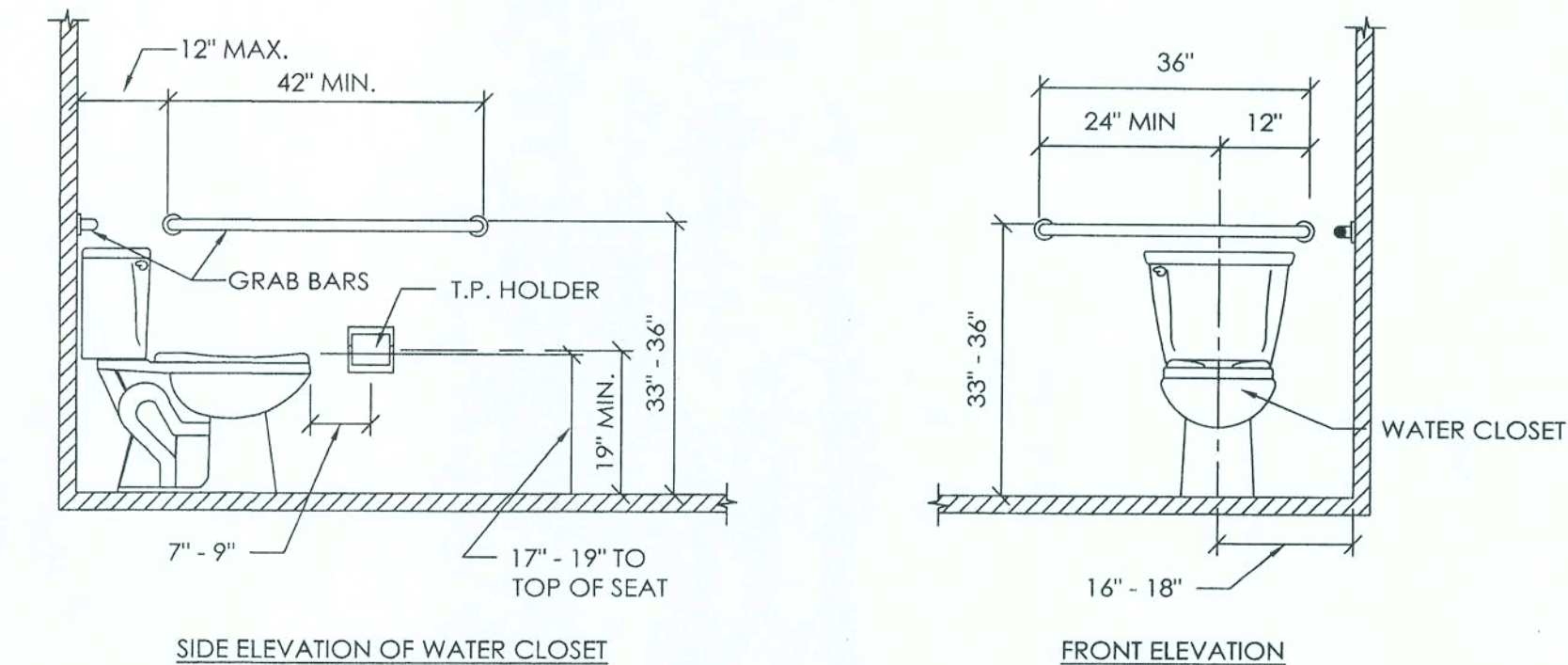
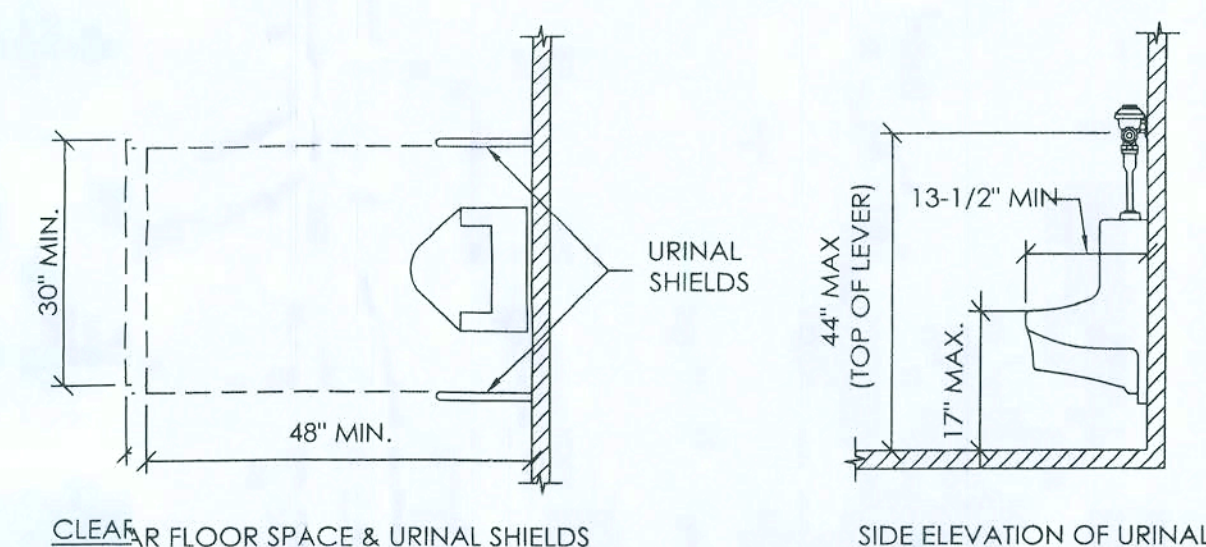
SCALE: 1/2" = 1'-0"



# ACCESSIBLE URINAL DETAIL

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

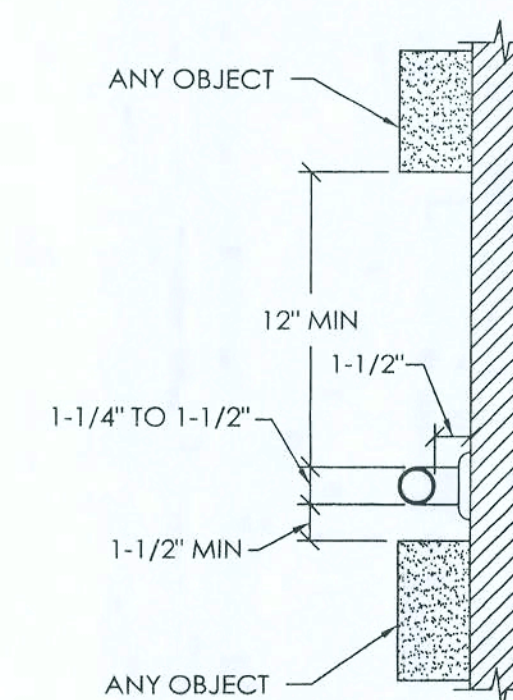
NOTE:  
IF URINAL SHIELD DEPTH DOES NOT EXCEED URINAL DEPTH, CLEAR FLOOR SPACE, ALLOWABLE, SHALL BE 29" WIDE



# ACCESSIBLE WATER CLOSET DETAILS

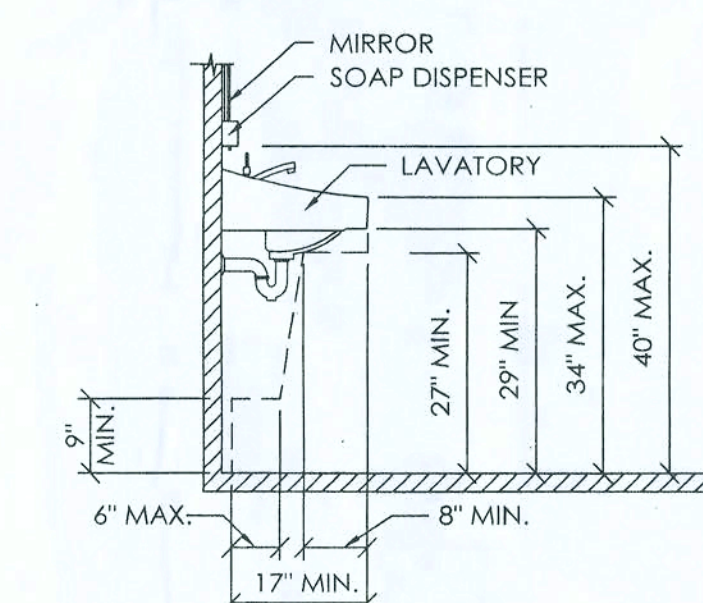
SCALE: 1/2" = 1'-0"

NOTE: FLUSH LEVER SHALL BE ON THE APPROACH SIDE OF THE WATER CLOSET



# GRAB BAR CLEARANCES

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



# SIDE ELEVATION OF WALL-HUNG LAVATORY

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

NOTE:  
BOTTOM OF MIRROR & SOAP DISPENSER AT SAME HEIGHT.

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

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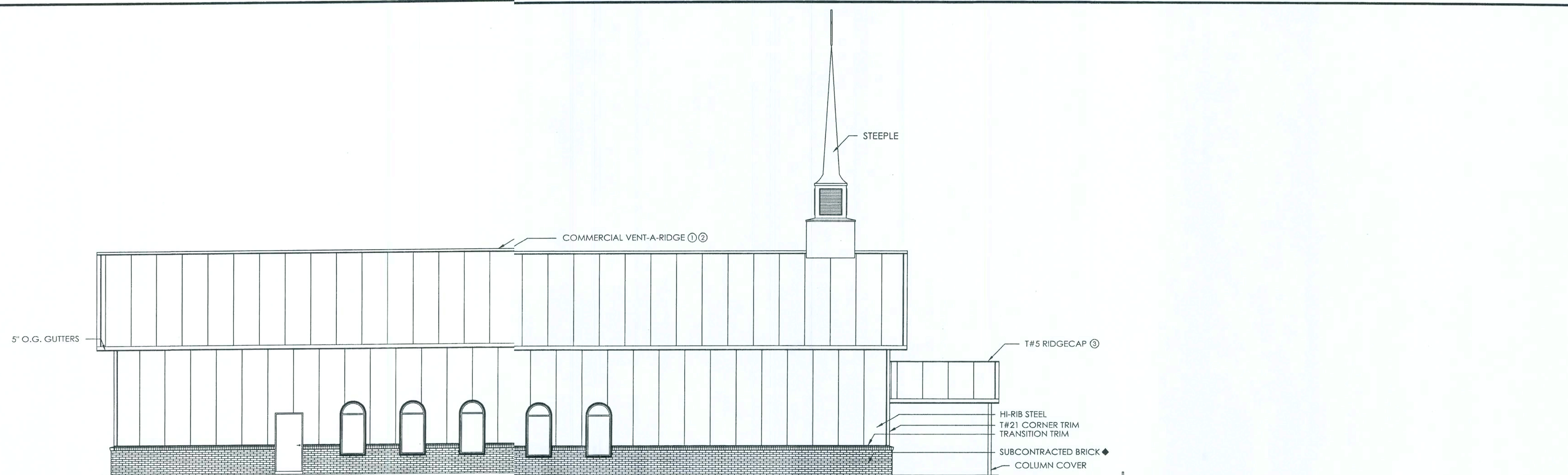
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DATE	04/04/08
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REVISED DATE:	----

4/14/08

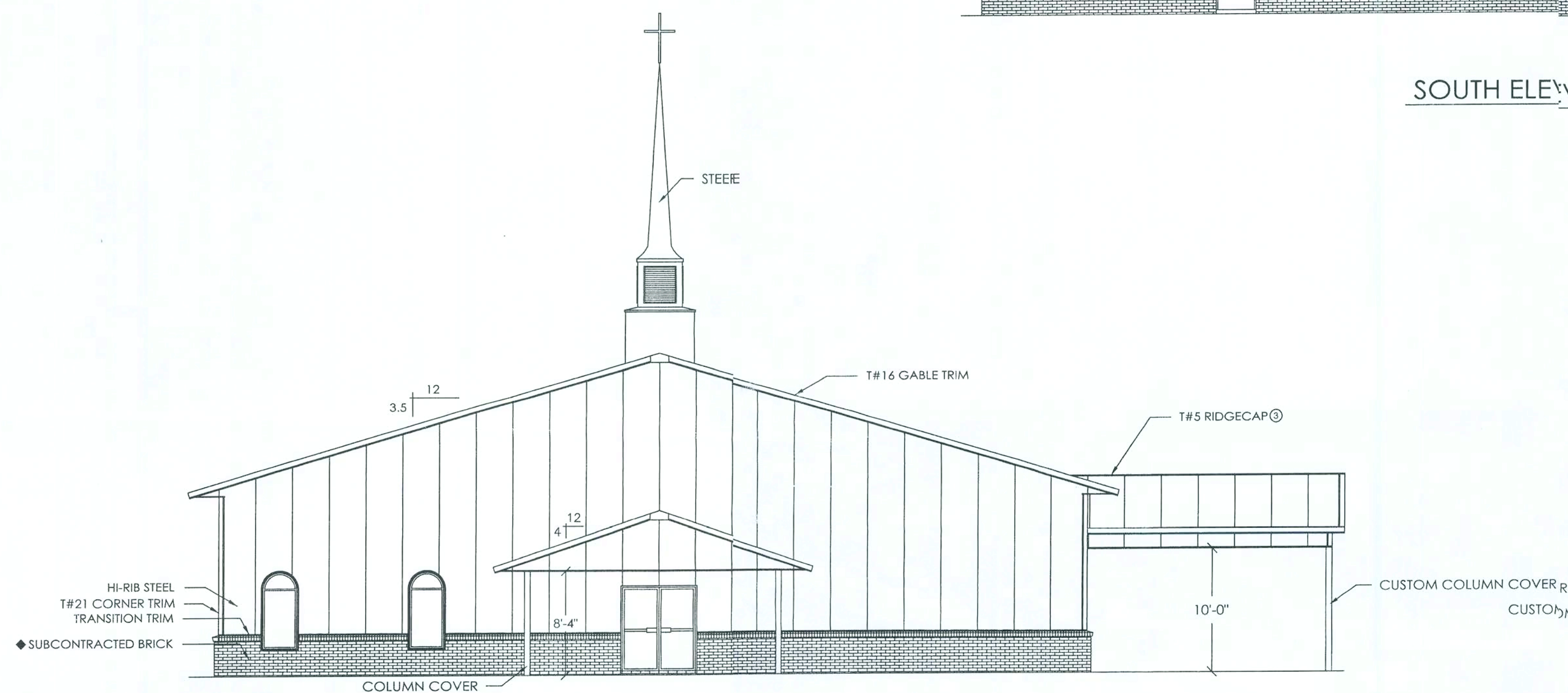
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SHEET NO. A3 OF A4

ACCESSIBILITY REQUIREMENTS

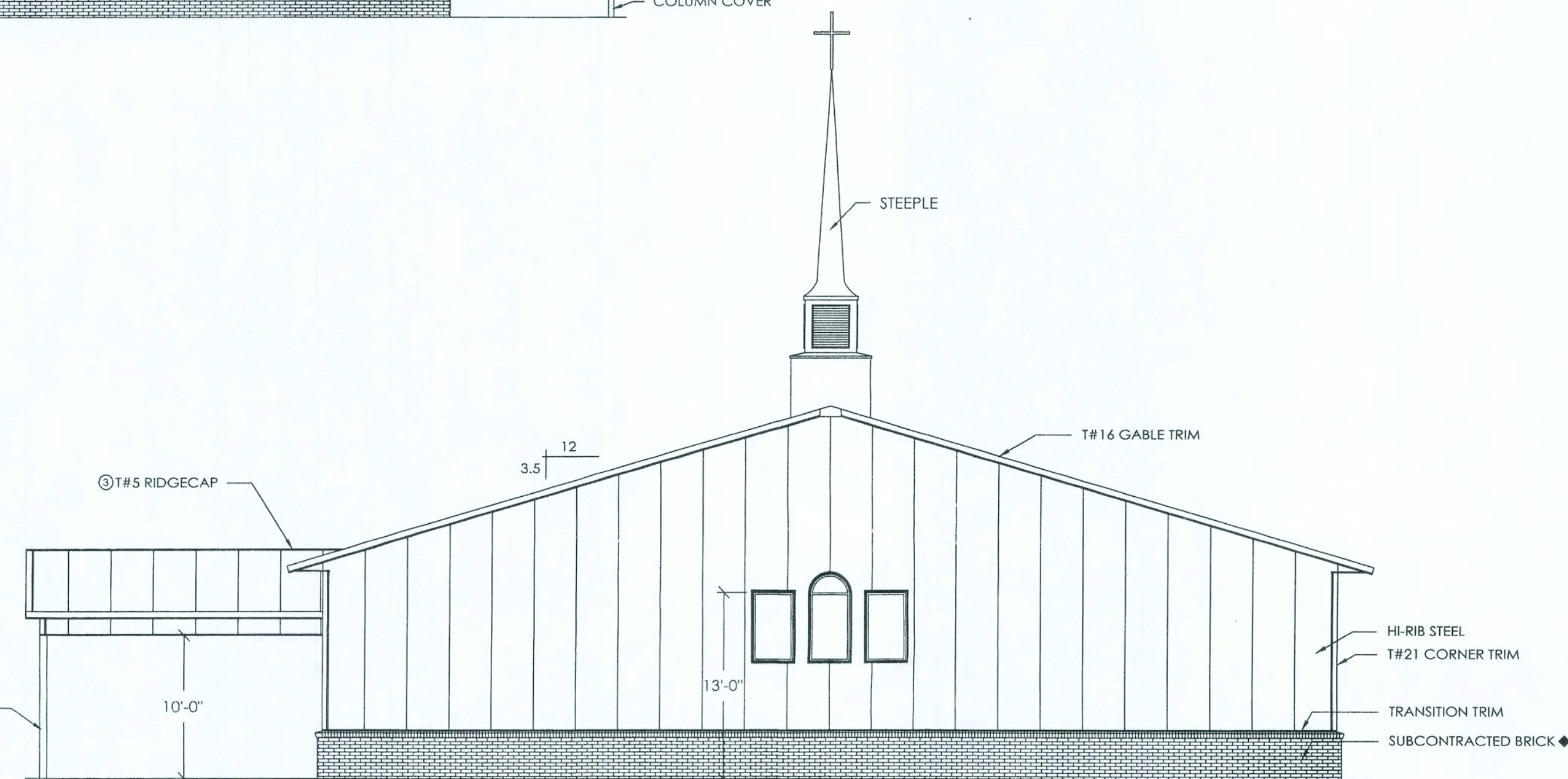




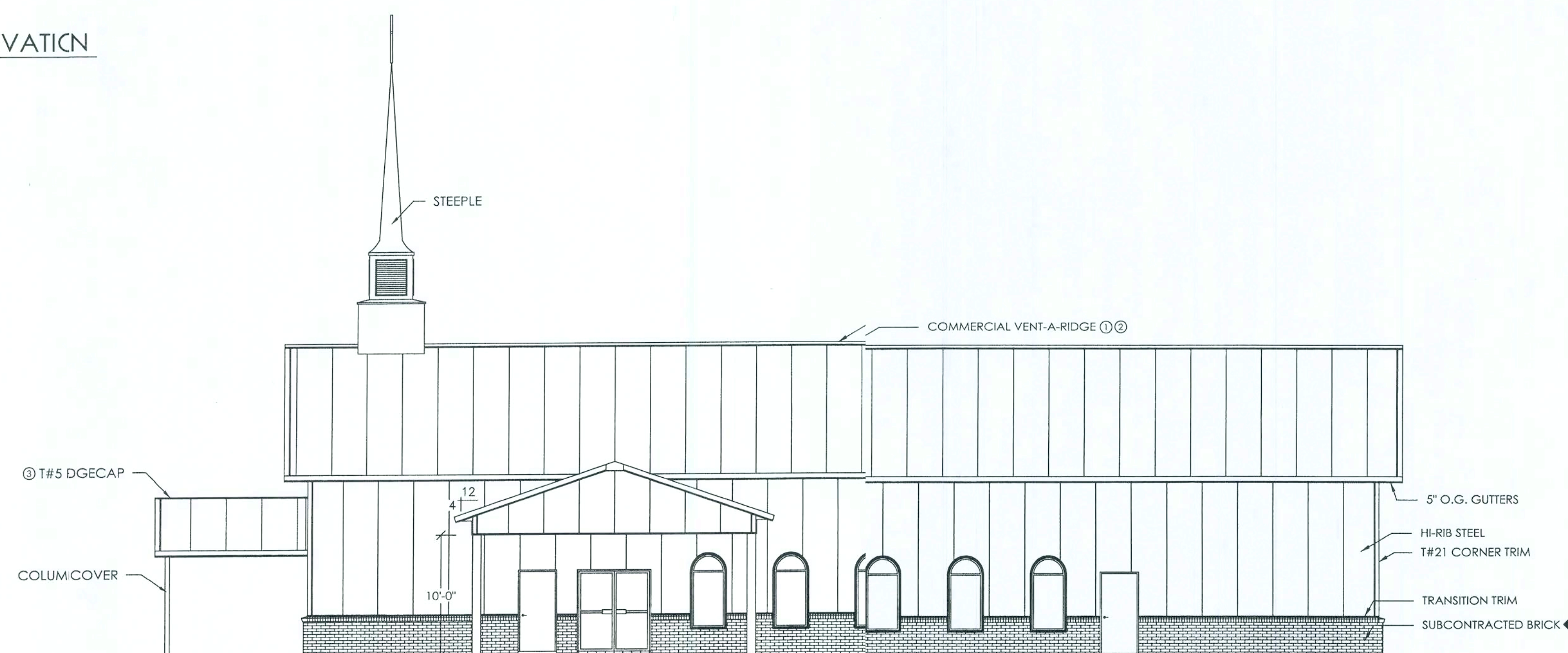
SOUTH ELEVATION



EAST ELEVATION



WEST ELEVATION



NORTH ELEVATION

NOTE:  
◆ IDENTIFIES ITEMS THAT ARE NOT PROVIDED  
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BUILDINGS' SUBCONTRACTORS AND ARE THE  
OWNER'S RESPONSIBILITY.

SCALE: 1" = 4' 8' 16'

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DATE:	05/29/08
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*[Handwritten signature]*



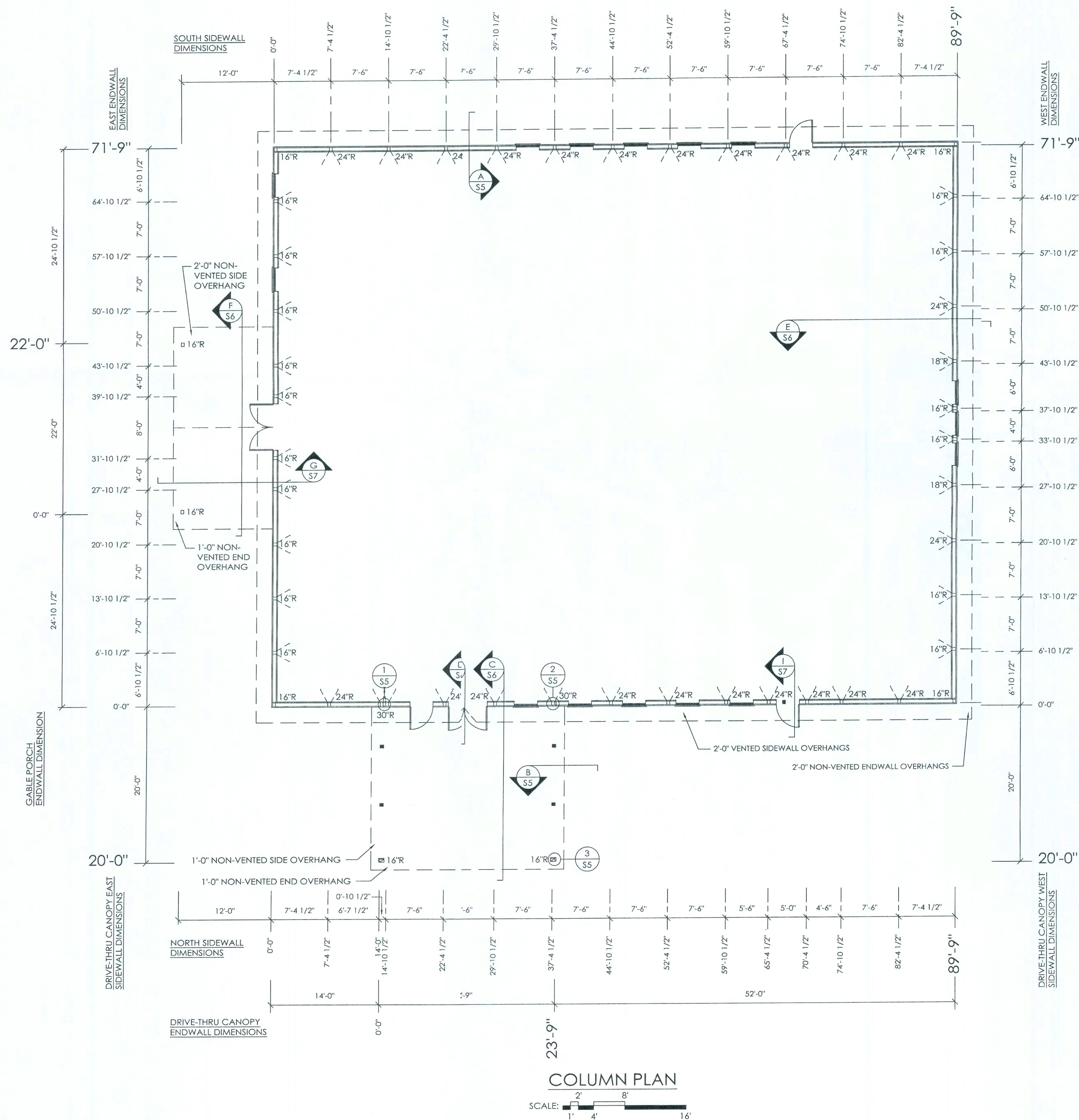
OUR REDEEMER LUTHERAN CHURCH  
LAKE CITY, FL

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

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DATE:	04/04/08
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DATE:	05/29/08
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REVISED DATE:	---
REVISED DATE:	---

*Paul J. Hutter*  
06.12.08

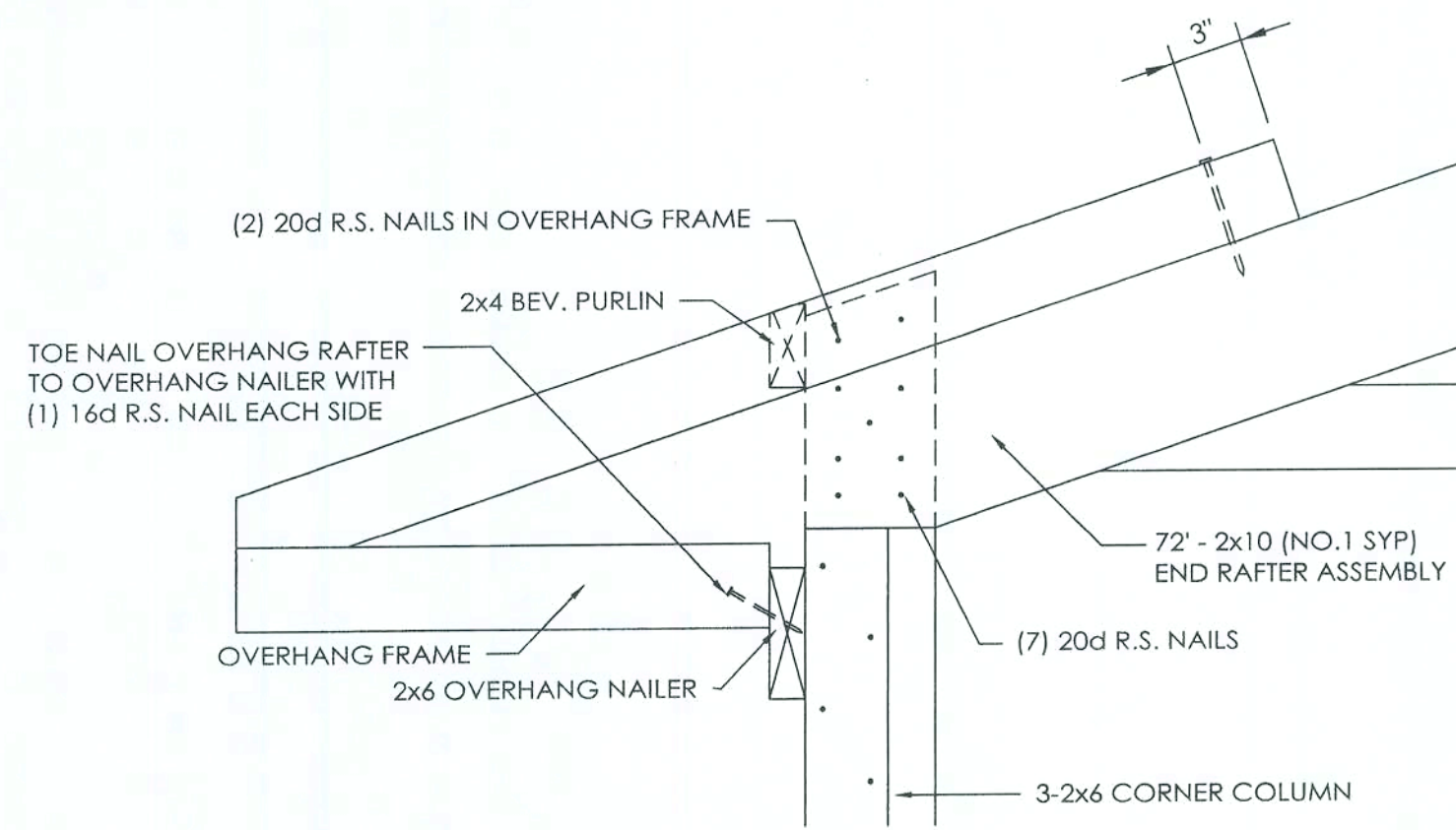
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SHEET NO.  
S1 OF S9



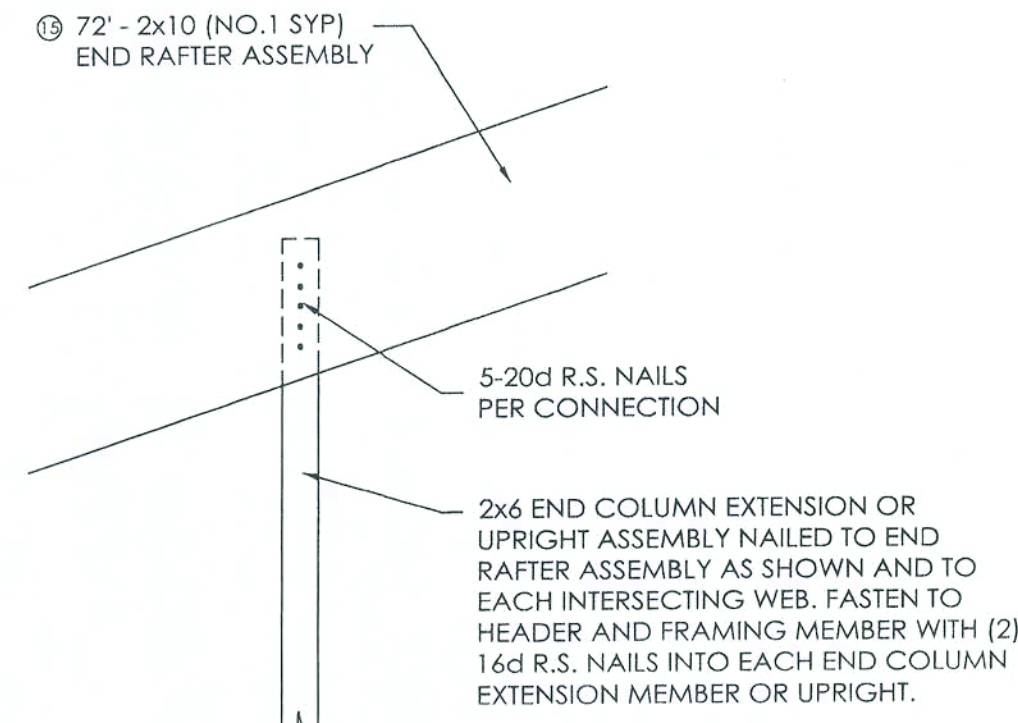
#### COLUMN PLAN LEGEND

- - 3-2x6 LAMINATED COLUMN LOCATION
- - 3-2x8 LAMINATED COLUMN LOCATION
- - HEADER TRUSS LOCATION
- - B1M BASE ANCHOR
- 16"R - 16" DIAMETER FOOTING WITH 8" THICK MINIMUM READI-MIX CONCRETE BELOW BOTTOM OF LOWER COLUMN WITH ADDITIONAL READI-MIX TO TOP OF 218M STILT (9"±). PLACE CONCRETE BELOW AND ABOVE BOTTOM OF LOWER COLUMN IN ONE OPERATION.
- 18"R - 18" DIAMETER FOOTING WITH 8" THICK MINIMUM READI-MIX CONCRETE BELOW BOTTOM OF LOWER COLUMN WITH ADDITIONAL READI-MIX TO TOP OF 218M STILT (9"±). PLACE CONCRETE BELOW AND ABOVE BOTTOM OF LOWER COLUMN IN ONE OPERATION.
- 24"R - 24" DIAMETER FOOTING WITH 10" THICK MINIMUM READI-MIX CONCRETE BELOW BOTTOM OF LOWER COLUMN WITH ADDITIONAL READI-MIX TO TOP OF 224M STILT (9"±). PLACE CONCRETE BELOW AND ABOVE BOTTOM OF LOWER COLUMN IN ONE OPERATION.
- 30"R - 30" DIAMETER FOOTING WITH 13" THICK MINIMUM READI-MIX CONCRETE BELOW BOTTOM OF LOWER COLUMN WITH ADDITIONAL READI-MIX TO TOP OF 230M STILT (9"±). PLACE CONCRETE BELOW AND ABOVE BOTTOM OF LOWER COLUMN IN ONE OPERATION.

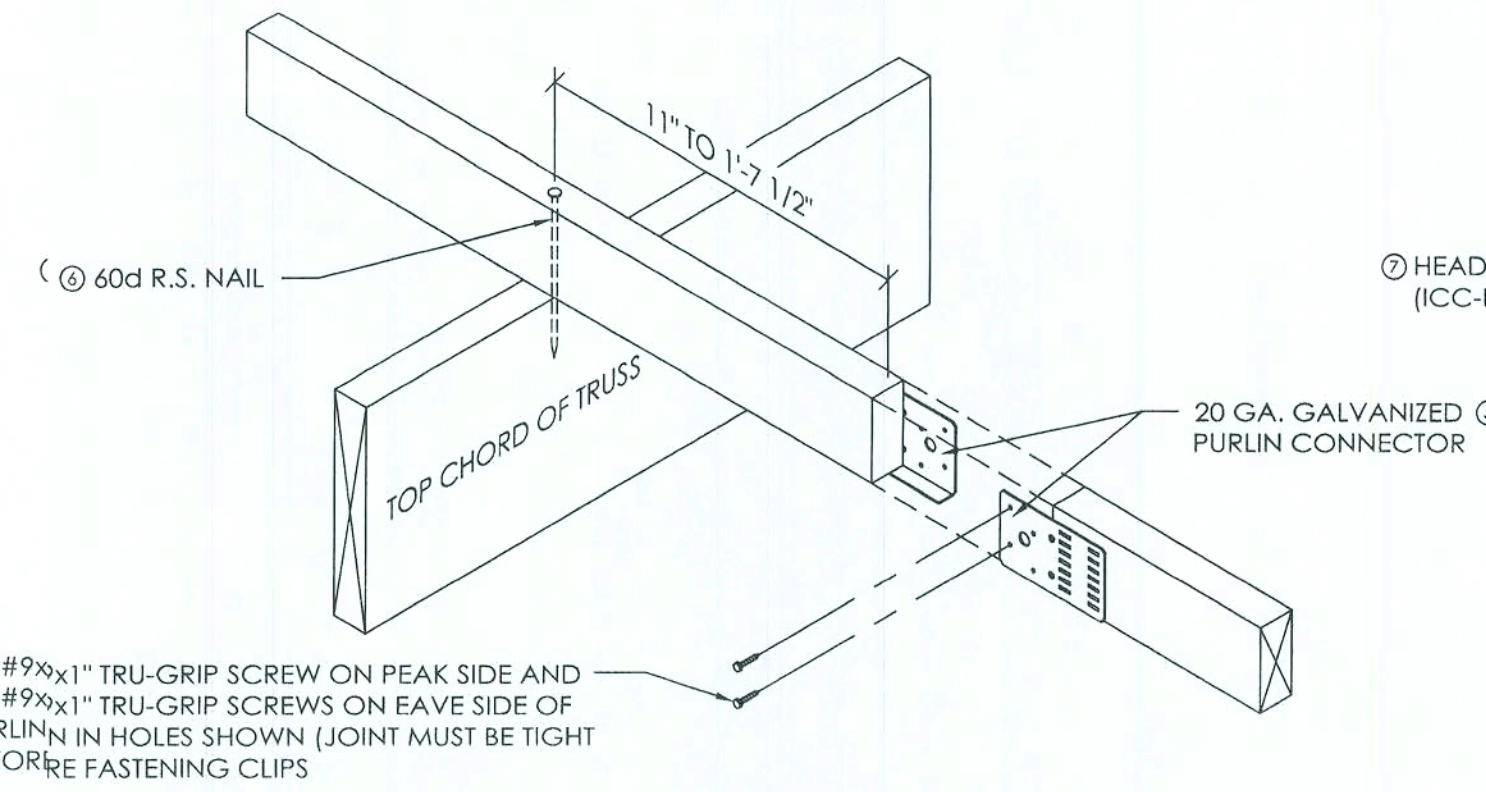




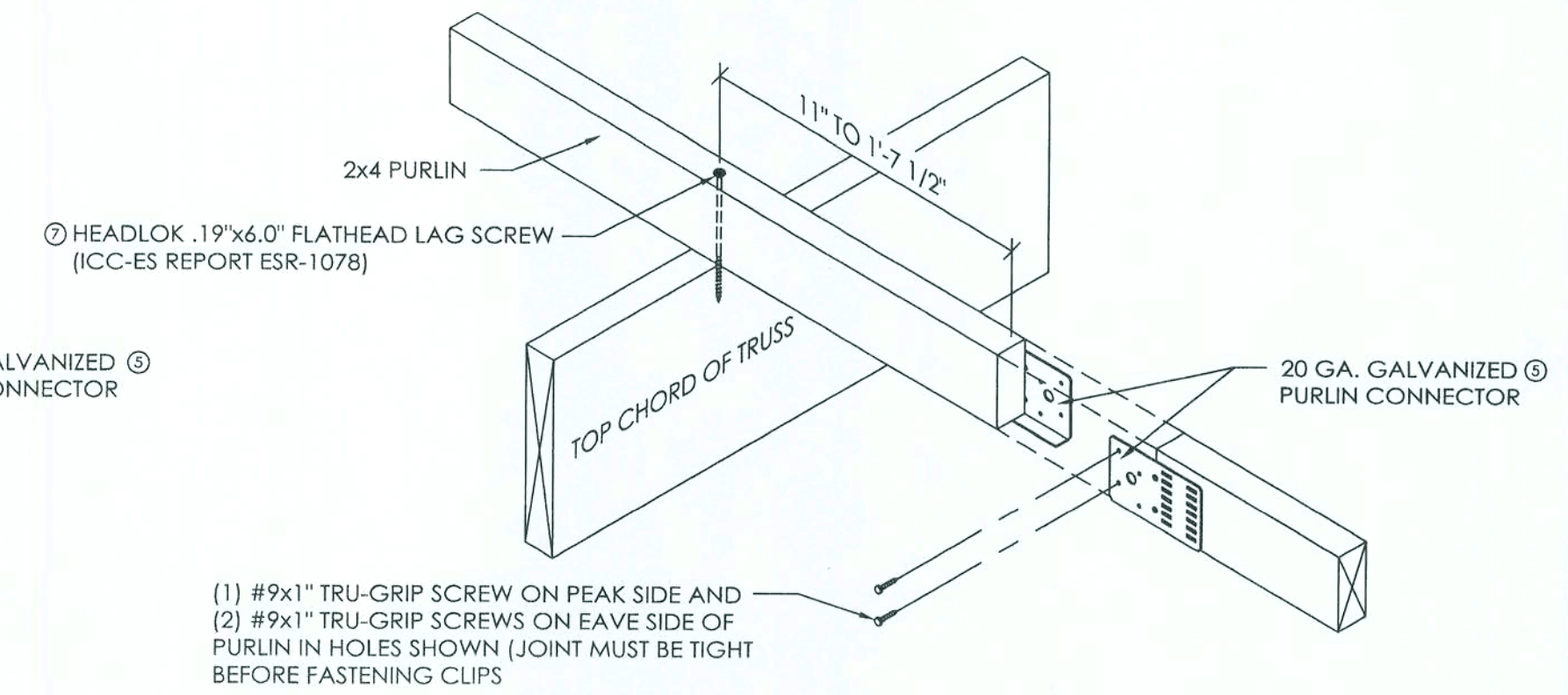
**DETAIL-A**  
SCALE: 1 1/2" = 1'-0"



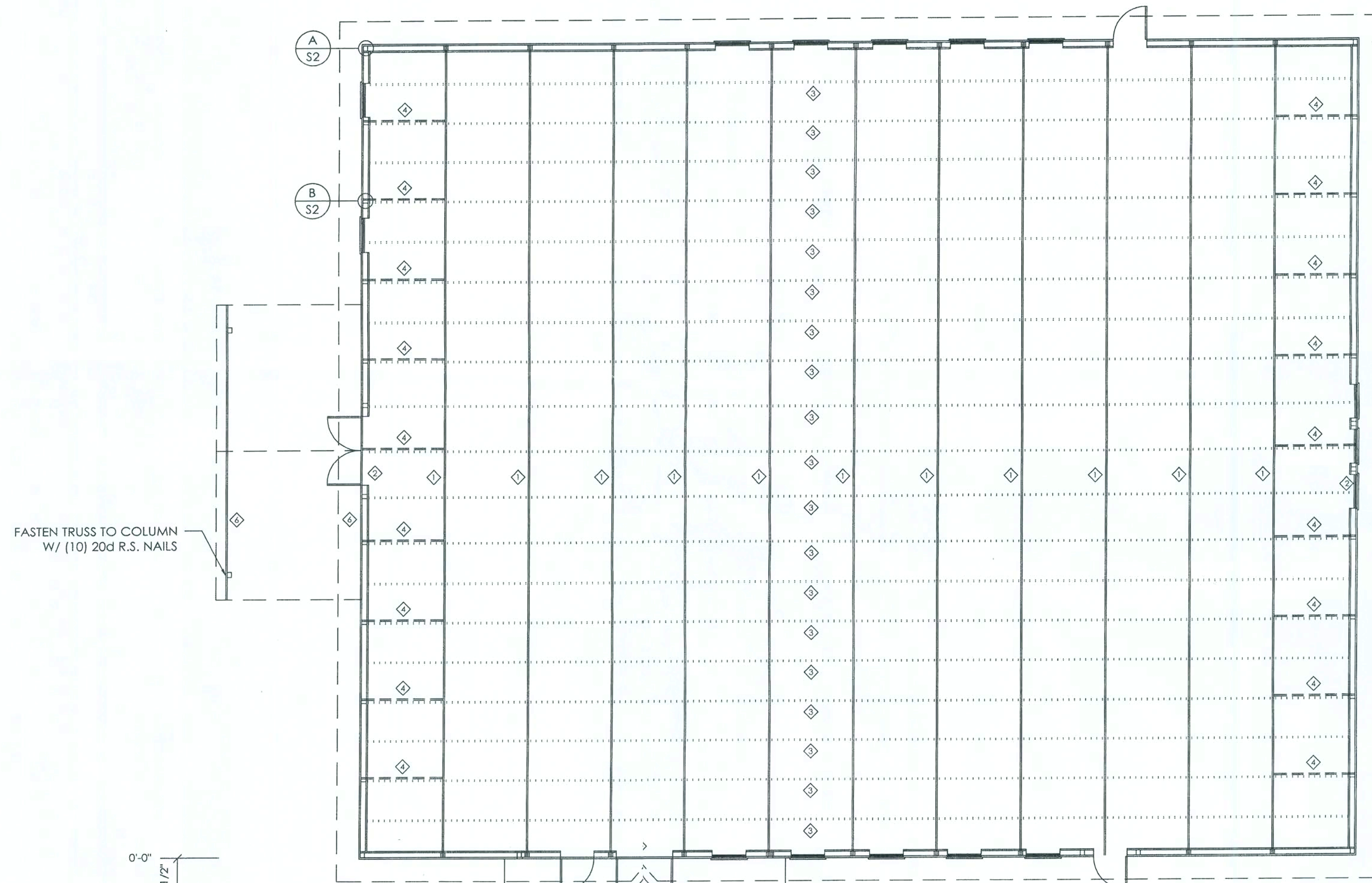
**DETAIL-B**  
SCALE: 1 1/2" = 1'-0"



**2x4 BUTTED PURLIN DETAIL**  
(PURLIN CONNECTED WITH 60d R.S. NAIL)  
SCALE: 1 1/2" = 1'-0"



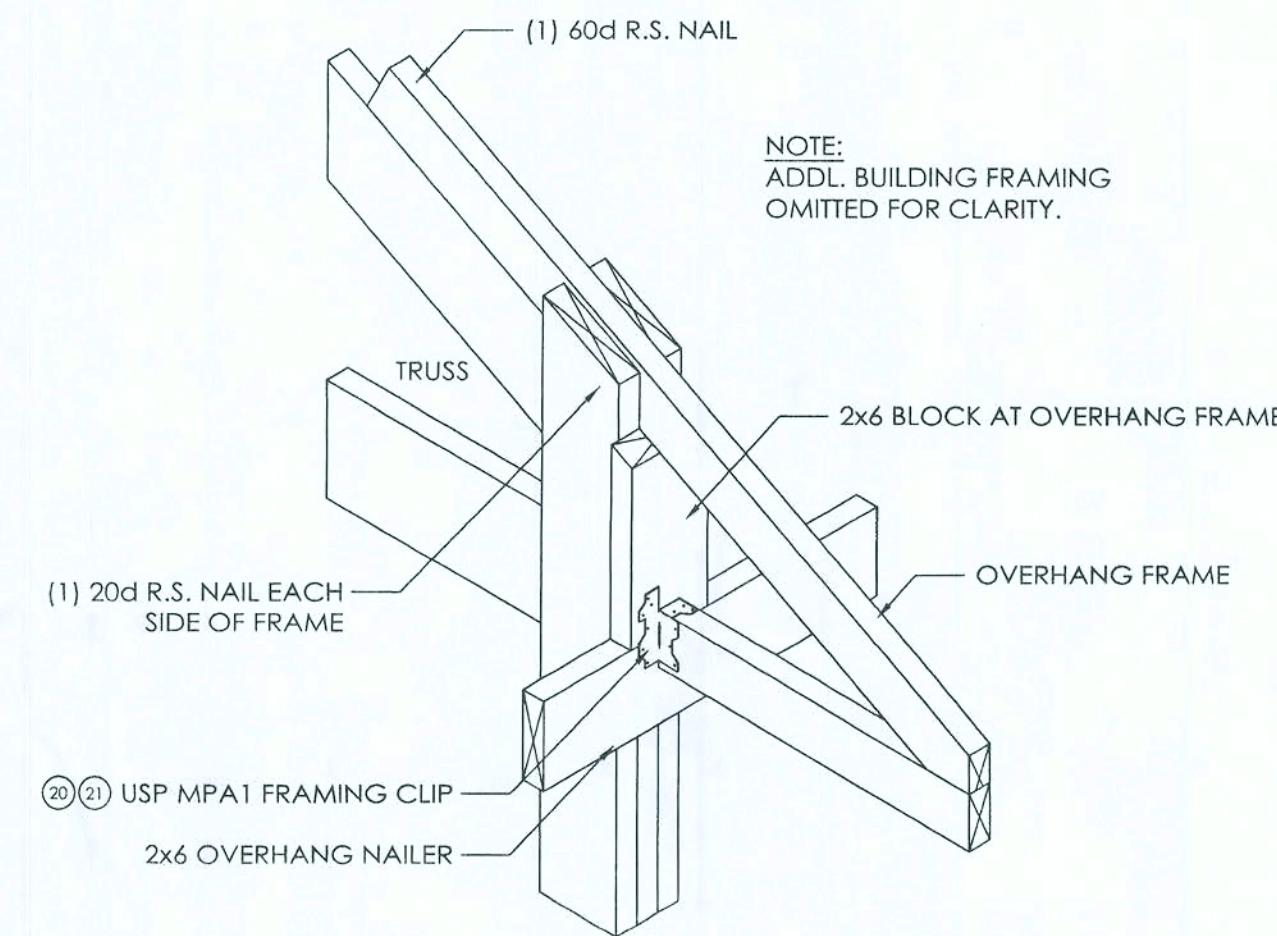
**2x4 BUTTED PURLIN DETAIL**  
(PURLIN CONNECTED WITH 6" HEADLOK FLATHEAD LAG SCREW)  
SCALE: 1 1/2" = 1'-0"



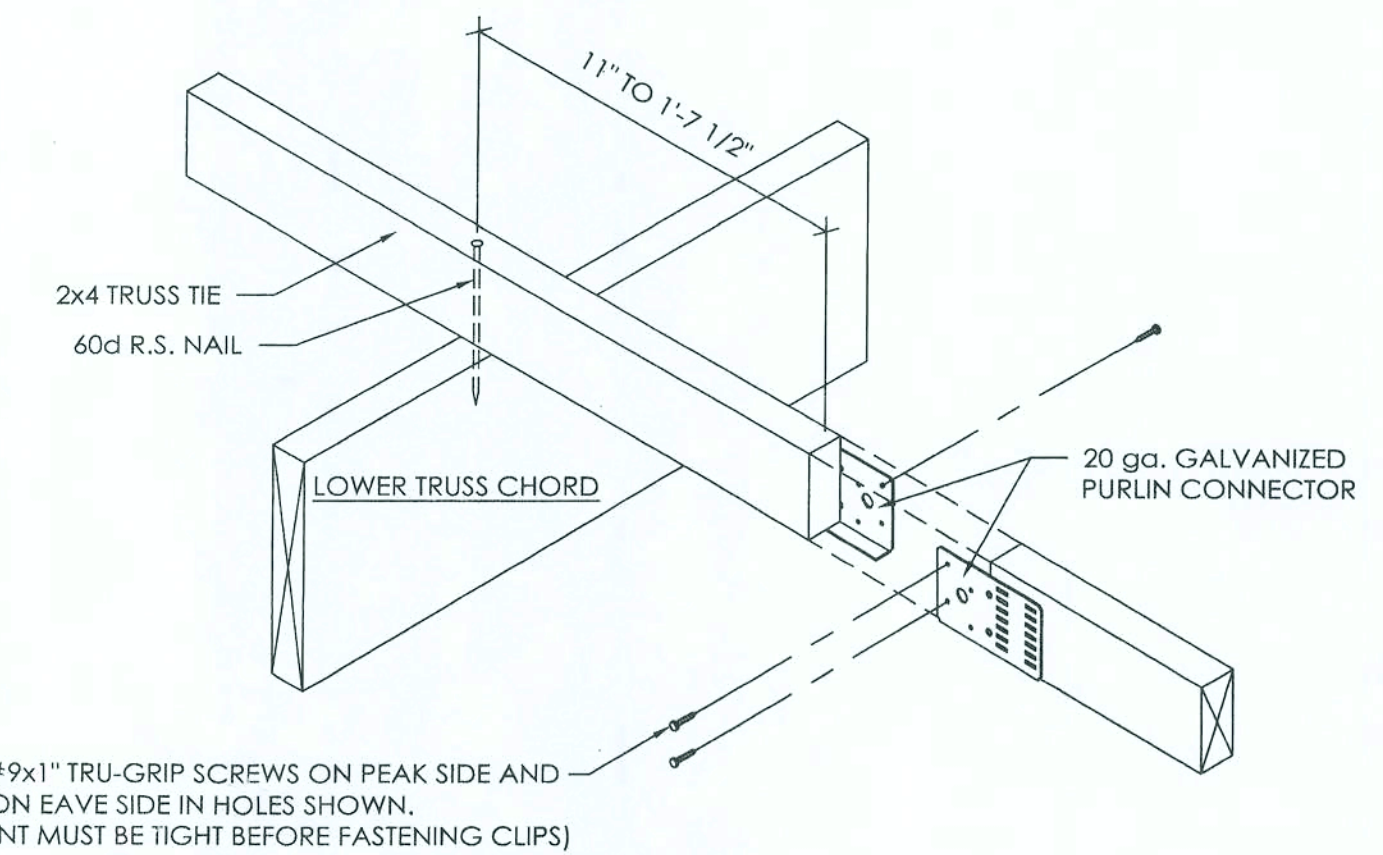
0'-0"  
5'-1 1/2"  
7'-6"  
12'-7 1/2"  
7'-4 1/2"  
20'-0"

12'-0" 7'-4 1/2" 7'-6" 7'-6" 7'-6" 7'-6" 7'-6" 7'-6" 7'-6" 7'-6" 7'-6" 7'-6" 7'-4 1/2" 89'-9"

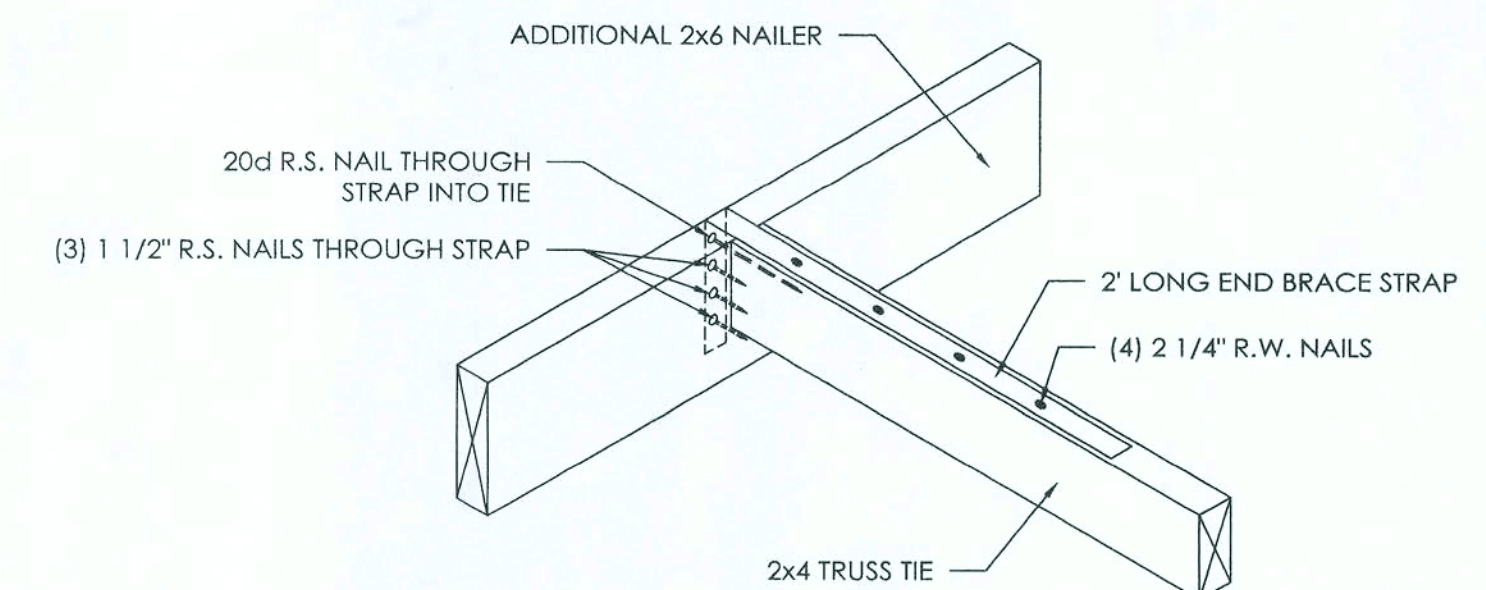
**TRUSS/BRACING PLAN**  
SCALE: 1" = 16'



**2' OVERHANG ISOMETRIC**  
SCALE: 1" = 1'-0"



**2x4 TRUSS TIE DETAIL**  
SCALE: 1 1/2" = 1'-0"



**2x4 TRUSS TIE TO ENDWALL DETAIL**  
SCALE: 1 1/2" = 1'-0"

**TRUSS/BRACING PLAN LEGEND**

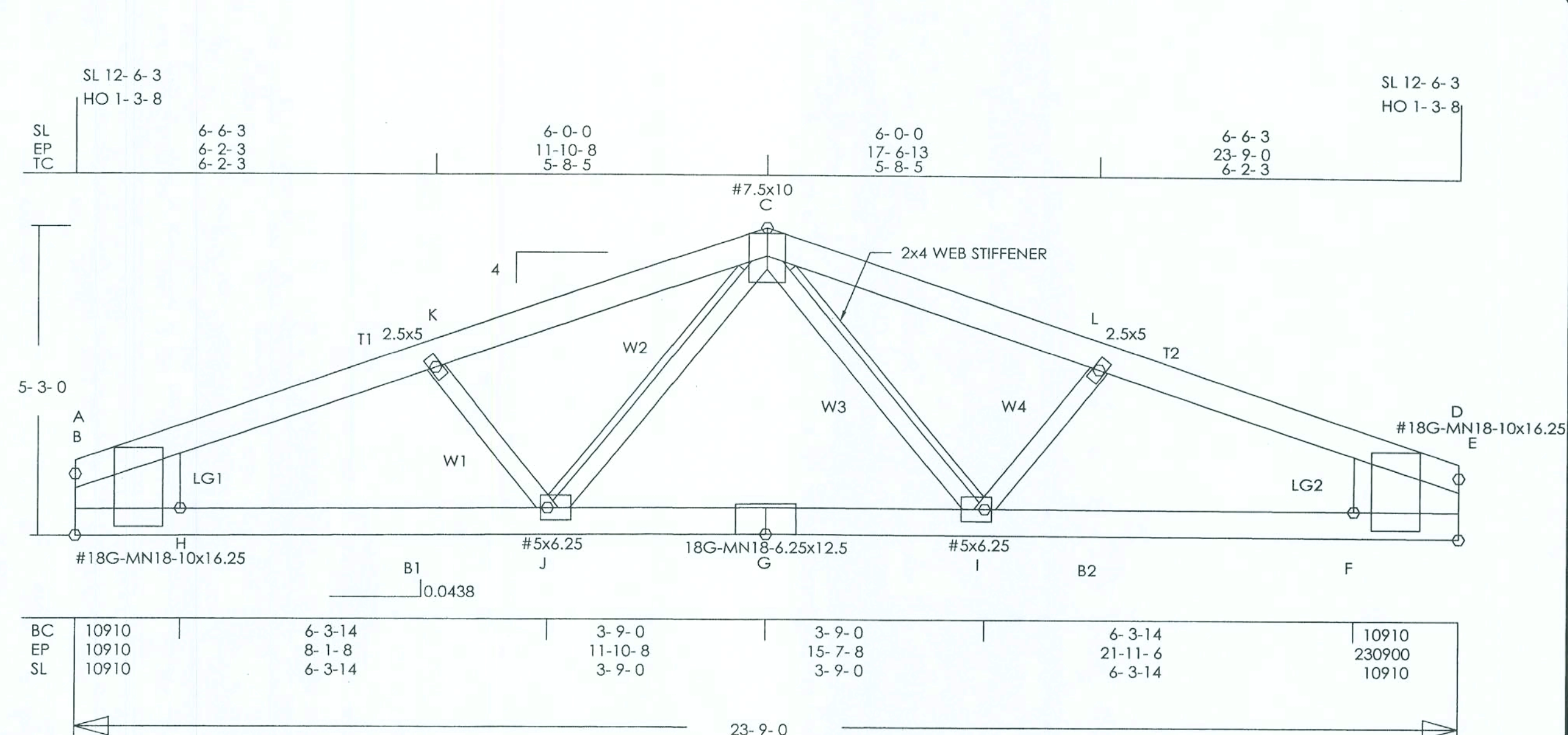
- ◇ 72' 1290 R.C. TRUSSES @ 7'-6" O.C.
- ◇ 72' 2x10 END RAFTER ASSEMBLY
- ◇ CONTINUOUS 2x4 LOWER CHORD TRUSS TIES @ 3'-6" & 4'-0" O.C.
- ◇ 2x6 DIAGONAL END BRACES @ 7'-0" & 8'-0" O.C.
- ◇ 24' 2090 S.C. TRUSSES @ 5'-0" & 7'-6" O.C.
- ◇ 22' GABLE PORCH FRAME



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REVISED DATE:	----

*Revised*  
06.12.08





REQUIRED TRUSS LOAD = 22 PSF AT 7'-6" O.C. = 165 PL

LIVE LOAD	<u>14</u>	PSF
DEAD LOAD	<u>4</u>	PSF
CEILING LOAD	<u>4</u>	PSF
TOTAL LOAD	<u>22</u>	PSF

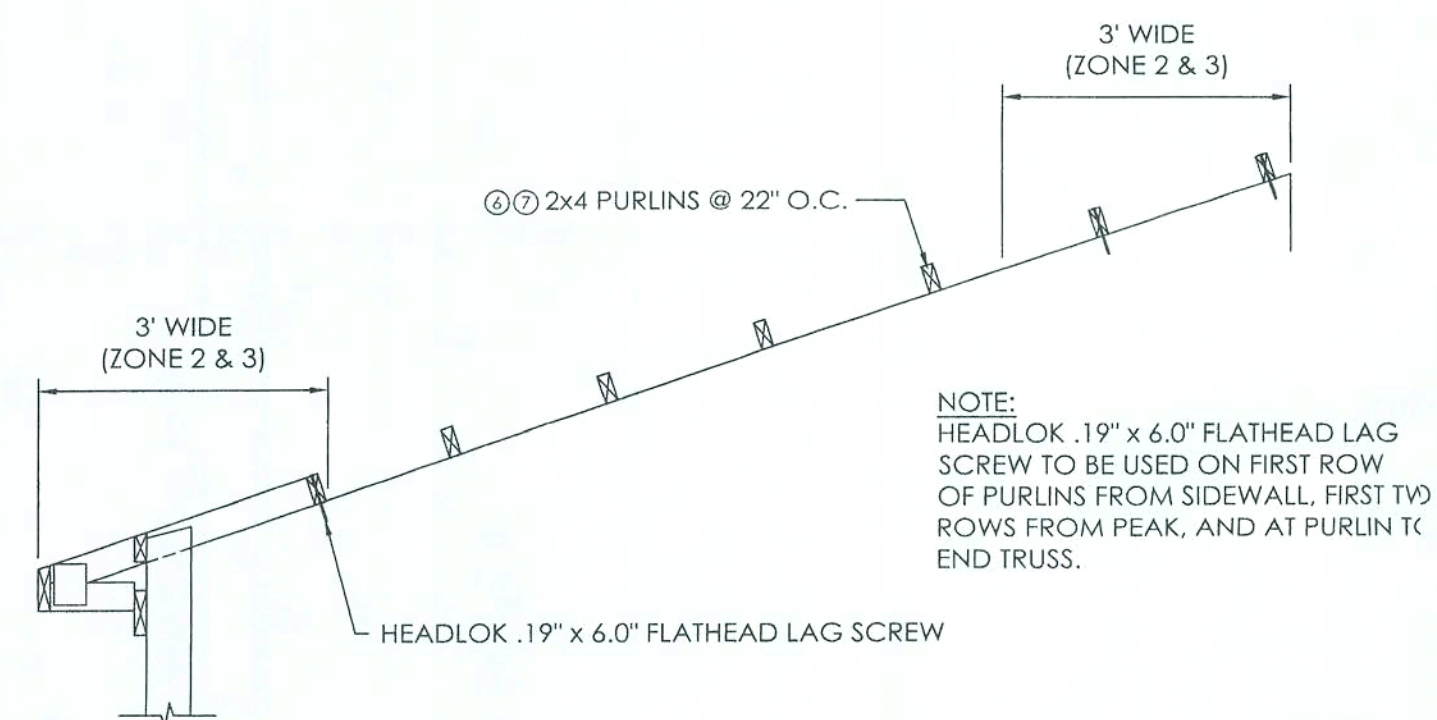
Truss has been designed by computer using Robbins Engineering Software and specifications of recognized engineering principles. Trusses are manufactured by Morton Buildings, Inc.

LUMBER SPECIFICATION (2001 NDS for Wood Construction):  
 Lower Chord -- 2250F - MSR 2.0E Southern Pine  
 Top Chord --- 2250f - MSR 2.0E 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.

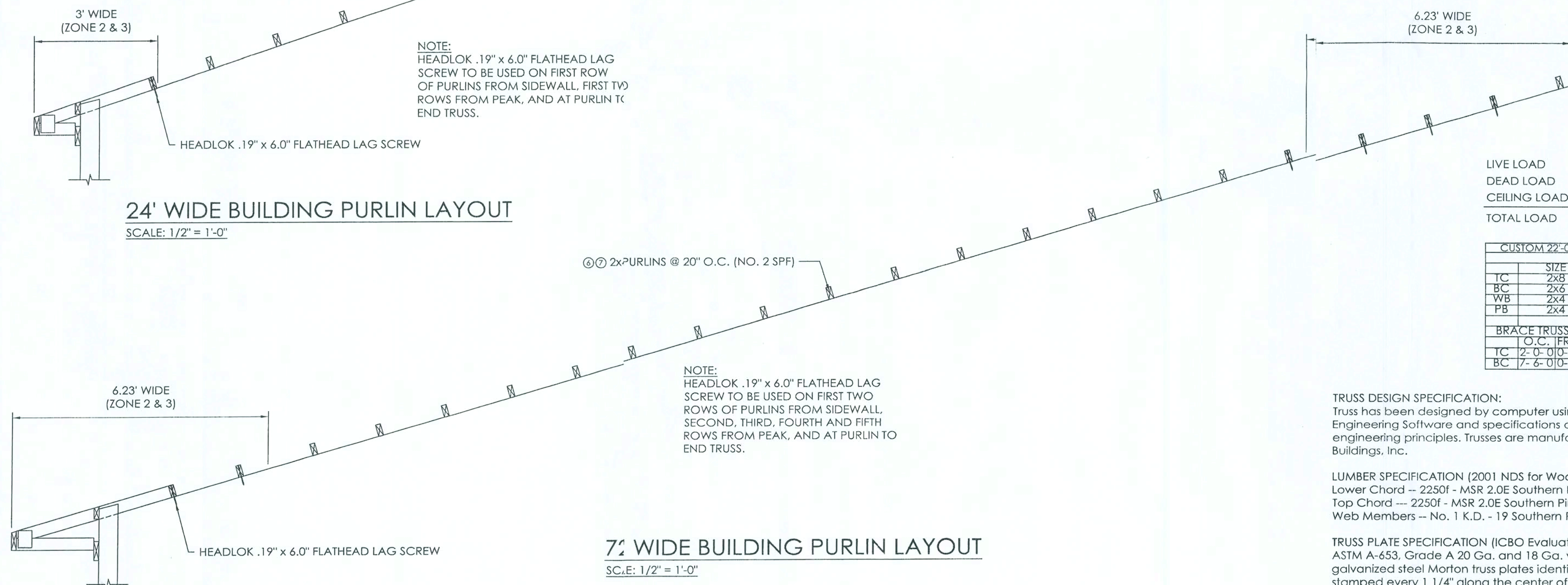
## 72' R.C. 1290 TRUSS

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



## 24' WIDE BUILDING PURLIN LAYOUT

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



## 72 WIDE BUILDING PURLIN LAYOUT

SC.E: 1/2" = 1'-0"

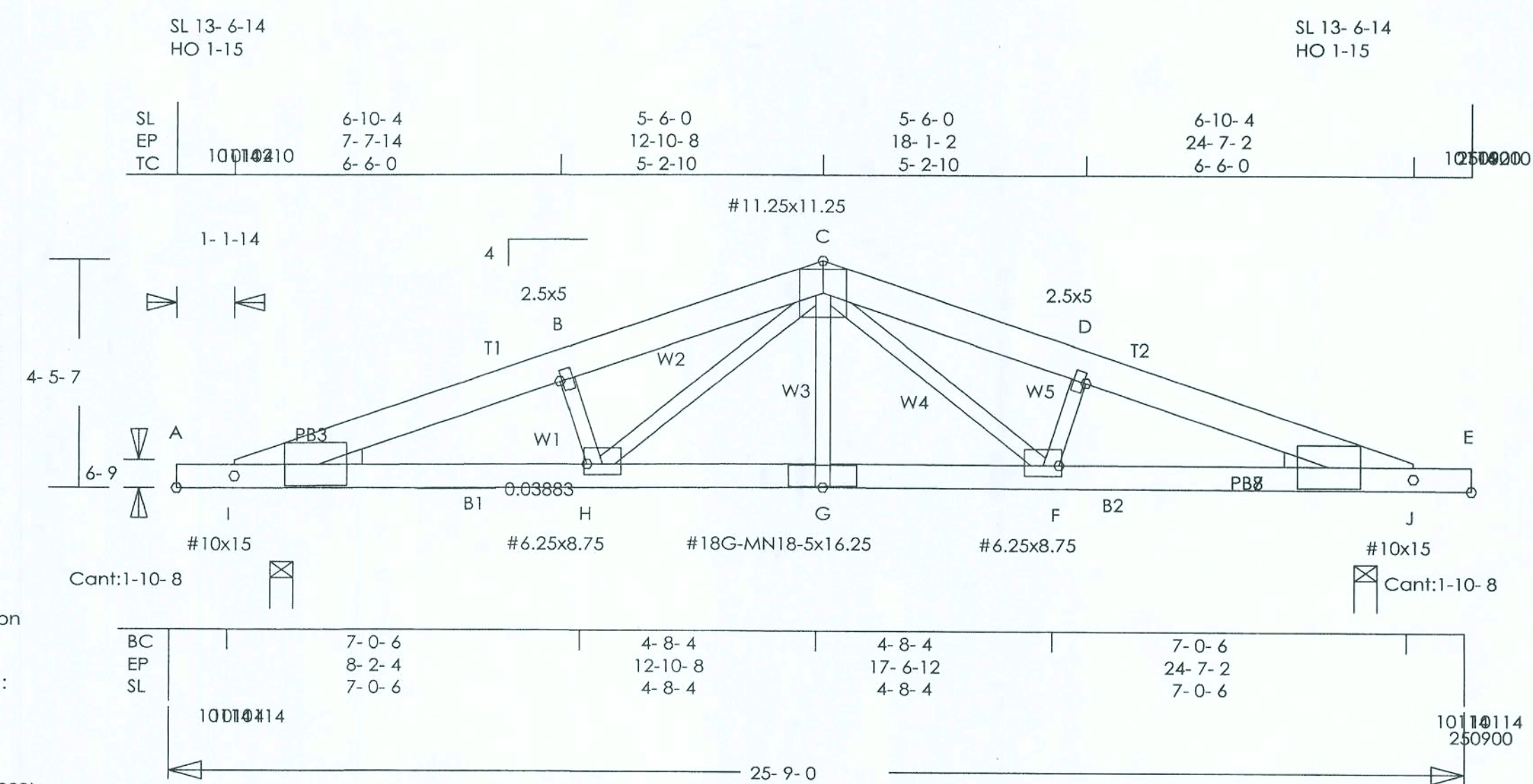
LIVE LOAD	20	PSF
DEAD LOAD	4	PSF
CEILING LOAD	2	PSF
TOTAL LOAD	26	PSF

CUSTOM 22'-0" PORCH TRUSS		
	SIZE	LUMBER
TC	2x8	SP-#1
BC	2x6	SP-#1
WB	2x4	SP-#1
PB	2x4	SP-#1
BRACE TRUSS AS FOLLOWS:		
	O.C. FROM	TO
TC	2'-0" 0'-0" 0'-0"	25'-9" 0
BC	7'-6" 0'-0" 0'-0"	25'-9" 0

**TRUSS DESIGN SPECIFICATION:**  
Truss has been designed by computer using Robbins Engineering Software and specifications of recognized engineering principles. Trusses are manufactured by Morton Buildings, Inc.

LUMBER SPECIFICATION (2001 NDS for Wood Construction):  
 Lower Chord -- 2250f - MSR 2.0E Southern Pine  
 Top Chord -- 2250f - MSR 2.0E 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.



## 22' GABLE PORCH FRAME

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

## ROOF STRUCTURE FASTENING SCHEDULE

①	COMMERCIAL VENT-A-RIDGE TO RIDGE BASE TRIM	#9 x 1" STAINLESS STEEL RIBER WASHER PANHEAD INTERNAL DRIVE SCREWS @ 8" o.c.
②	RIDGE BASE TRIM TO 2x4 PURLINS	#9 x 2" STAINLESS STEEL RIBER WASHER PANHEAD INTERNAL DRIVE SCREWS AT EVERY HI-RIB (1'-0" o.c.)
③	T#5 RIDGECAP	#9 x 2" STAINLESS STEEL RIBER WASHER PANHEAD INTERNAL DRIVE SCREWS IN LAP RIBS BETWEEN PURLINS
④	HI-RIB STEEL TO 2x4 PURLINS	#9 x 2" STAINLESS STEEL RIBER WASHER PANHEAD INTERNAL DRIVE SCREWS AT EVERY HI-RIB (1'-0" o.c.)
⑤	20 ga. GALVANIZED PURLIN CONNECTORS	#9 x 1" TRU-GRIP SCREWS
⑥	2x4 PURLINS TO TRUSS	0.200" x 6" (60d) RING SHAK NAILS IN PRE-DRILLED HOLE
⑦	2x4 PURLINS TO TRUSS IN END ZONES	HEADLOK .19"x6.0" FLATHAD LAG SCREW IN PRE-DRILLED HOLE
⑧	72" 1290 RAISED CHORD TRUSS TO COLUMN	(2) 1/2"x5 1/2" MACHINE DLTS (16) 0.177" x 4" (20d) RINGHANK NAILS

## WALL FRAMING FASTENING SCHEDULE

①	COLUMN STILT (14 GA.) TO COLUMN	(12) 0.148" x 2" (6d) STAINLESS STEEL RING SHANK NAILS
②	81M BASE ANCHORS	0.177" x 2-1/2" STAINLESS STEEL NAILS (4) PER ANCHOR
③	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
④	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
⑤	7/16" OSB TO SPLASHBOARD & NOTCHED NAILER	0.099" x 1-1/4" ASBESTOS SIDING NAILS
⑥	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
⑦	END TRUSS TO 2x6 END COLUMN EXTENSIONS	(5) 0.177" x 4" (20d) RING SHANK NAILS
⑧	2x4 PURLINS TO END TRUSS	HEADLOK .19"x6.0" FLATHEAD LAG SCREW IN PRE-DRILLED HOLE
⑨	HI-RIB STEEL TO NAILERS	#9 x 2" STAINLESS STEEL RUBBER WASHER PANHEAD INTERNAL DRIVE SCREWS AT EVERY HI-RIB (11'-0" o.c.)
⑩	SOFFIT TO WALL	INSERTED IN PRE-FORMED SLOT IN SOFFIT/HI-RIB CAP
⑪	SOFFIT TO FASCIA	T-50 MONEL STAPLES (2) PER PIECE
⑫	USP MP-1 FRAMING CLIP TO OVERHANG NAILER & BLOCK	(3) 1-1/2" SINGLE NAILS
⑬	USP MP-1 FRAMING CLIP TO OVERHANG FRAME	(3) #9x1" TRU-GRIP SCREWS
⑭	2x6 PURLIN CLIP TO TRUSS	(1) 0.140" x 1 1/2" RING SHANK NAIL IN EACH TOP TAB OF CLIPS & (1) 0.140" x 1 1/2" RING SHANK NAIL IN EACH SIDE TAB OF CLIPS
⑮	2x6 PURLIN TO END PORCH FRAME	HEADLOK .19"x6.0" FLATHEAD LAG SCREW IN PRE-DRILLED HOLE

OFFICE:  
GAINESVILLE, FL

JOENO.  
131-0732

OUR REDEEMER LUTHERAN CHURCH  
LAKE CITY, FL

LAKE CITY, FL

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA 6-400  
PHONE NUMBER: 309-263-4105

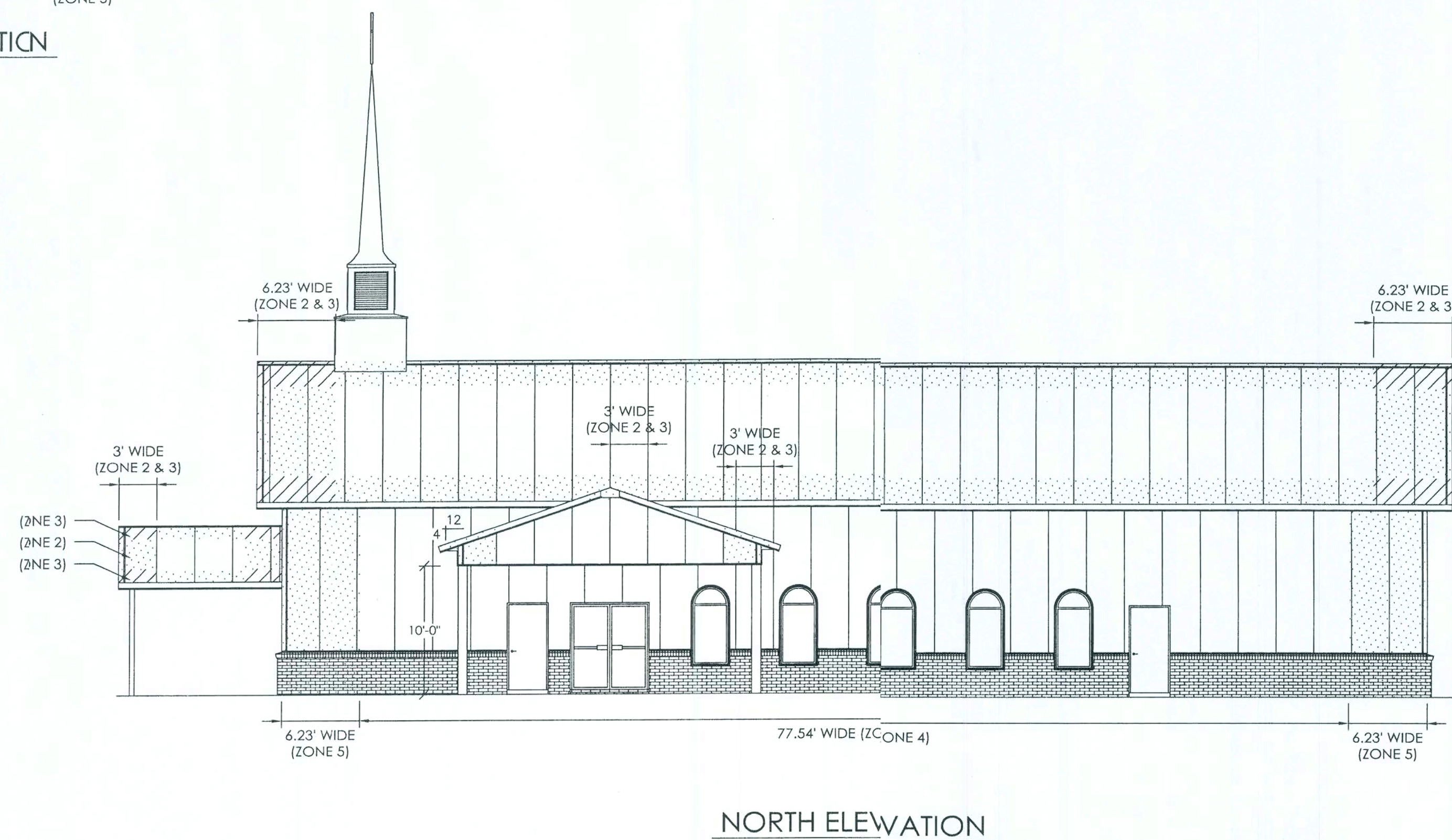
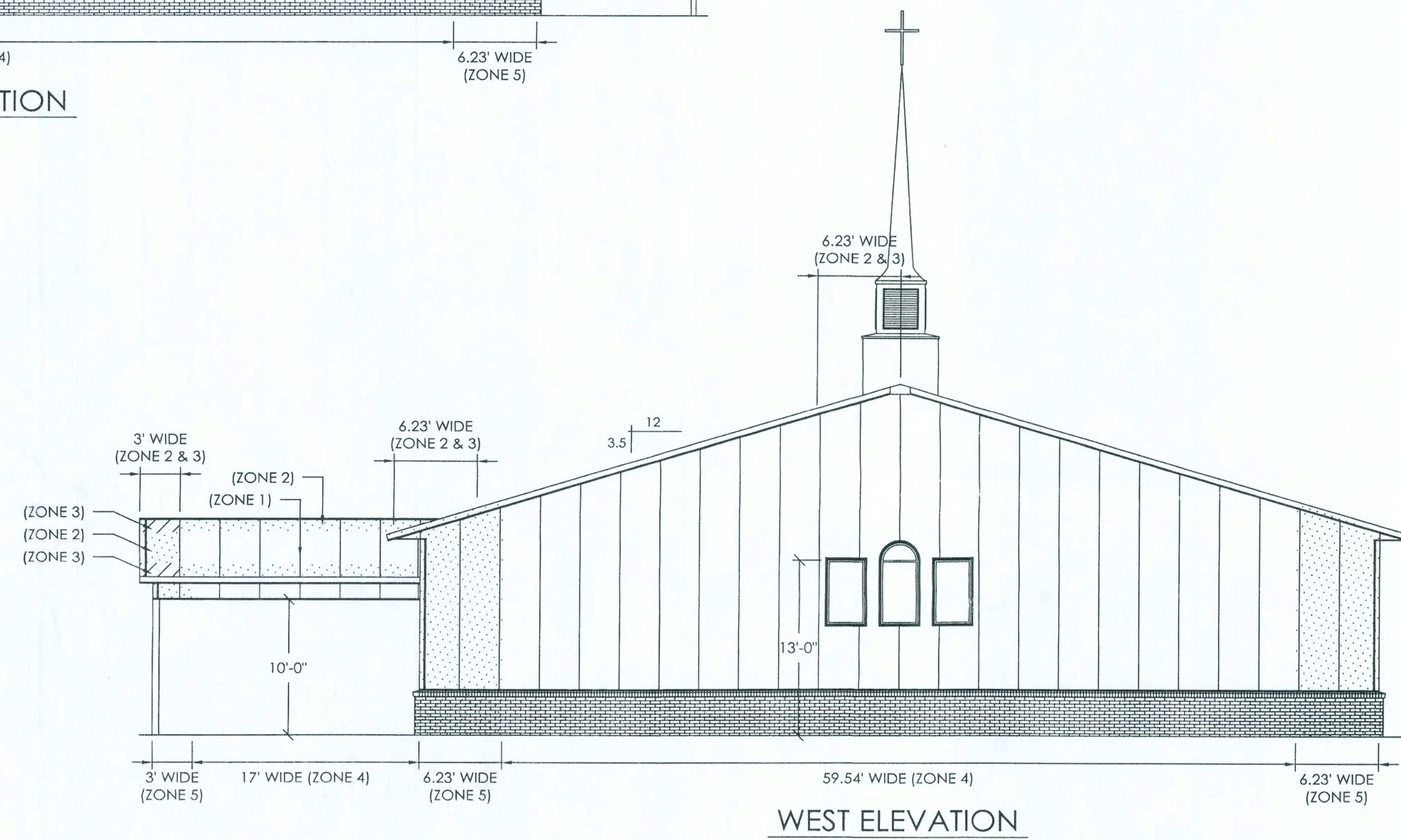
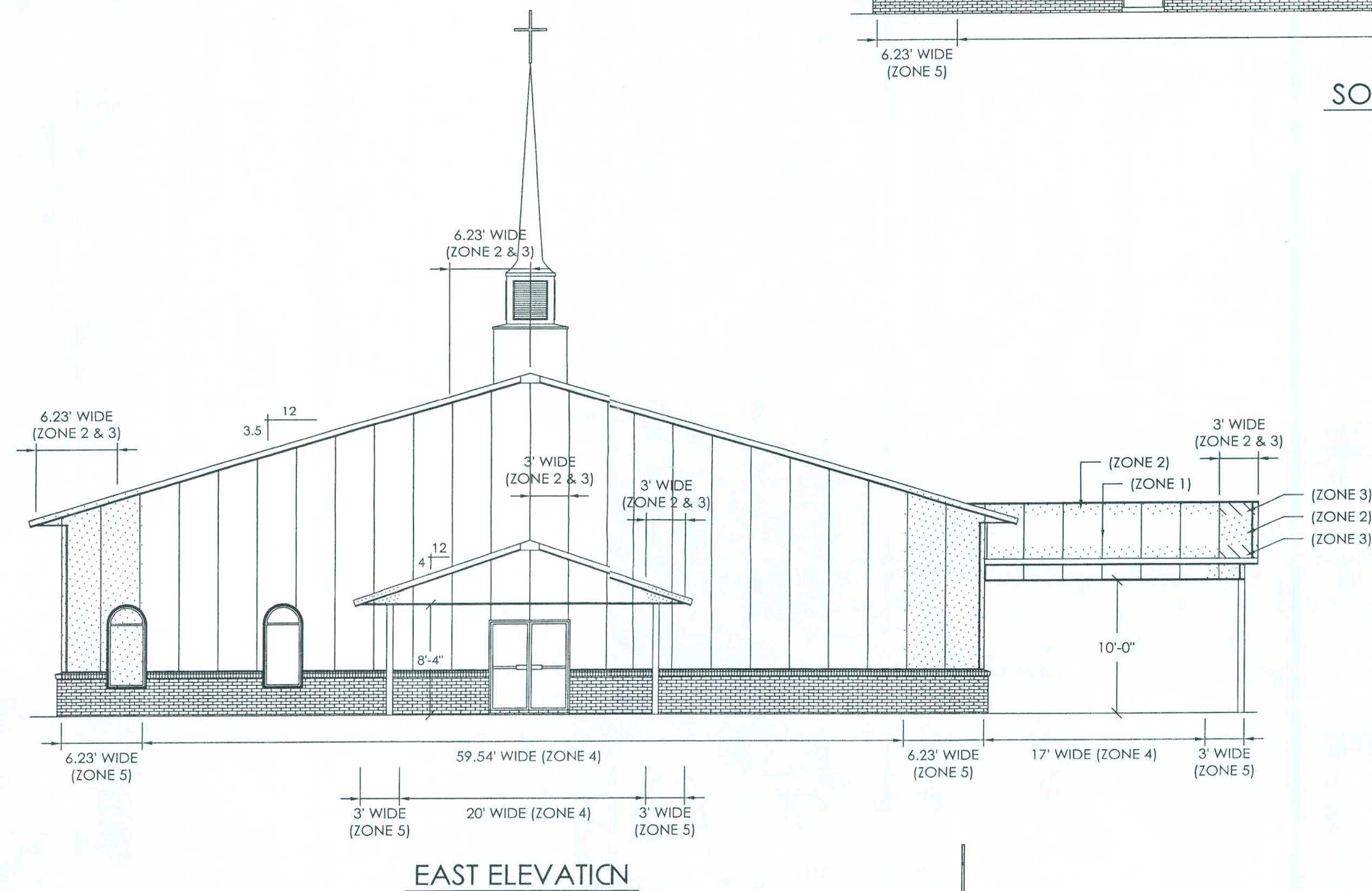
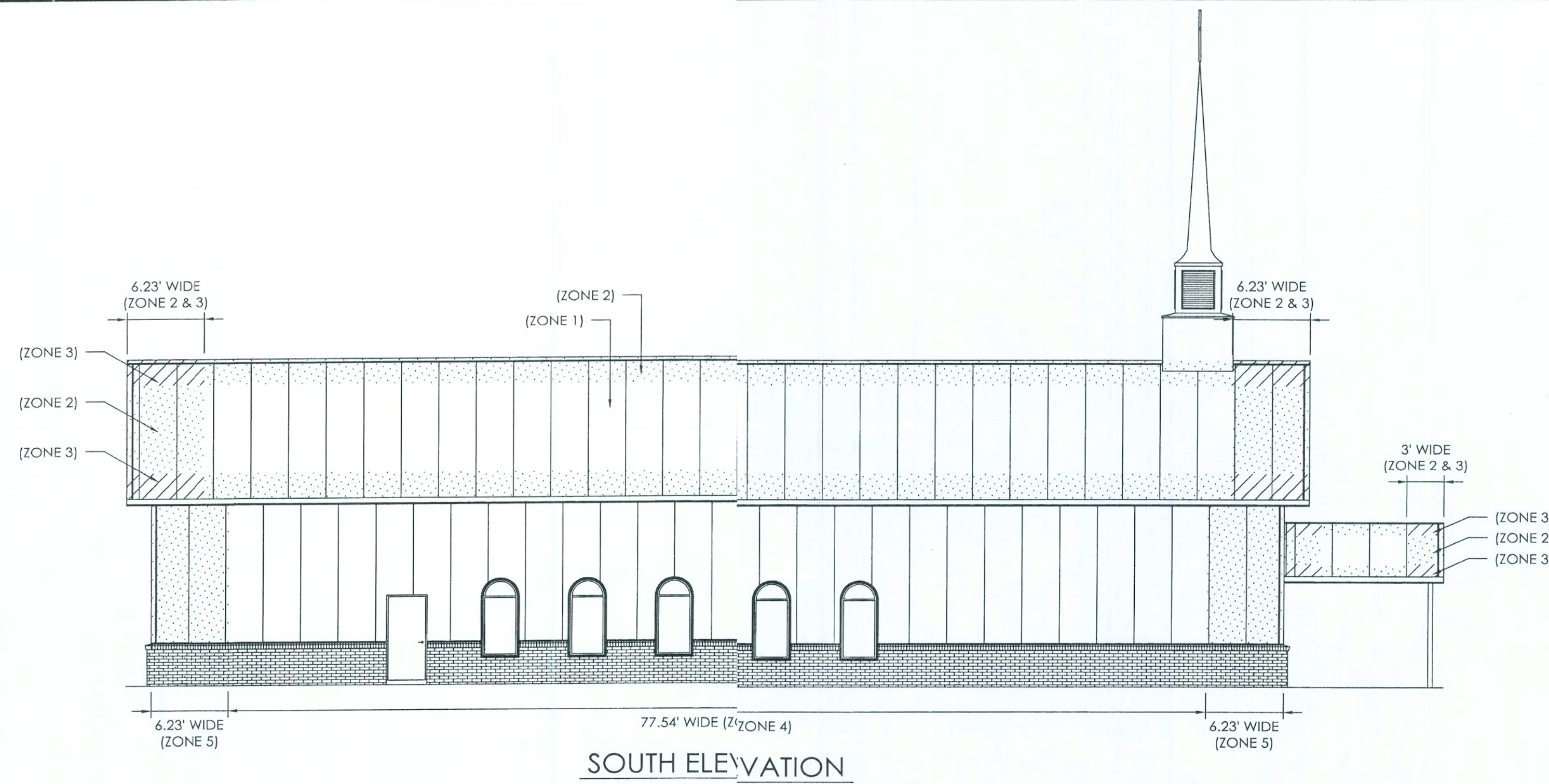
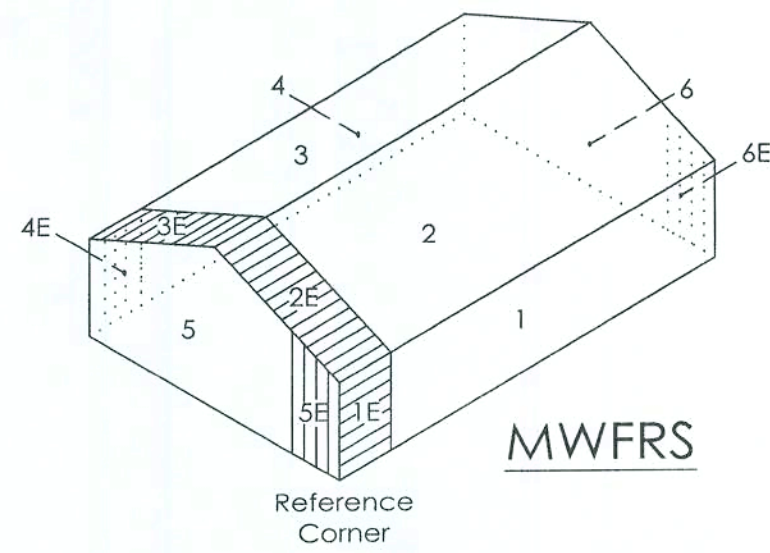
PHONE NUMBER: 309-263-4105

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James Hunter  
06.12.08

SCAE: AS NOTED  
SHEET NO.  
S3 OF S9





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

SCALE: 1" = 4' 8"

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JOB NO. 131-0732

OUR REDEEMER LUTHERAN CHURCH  
LAKE CITY, FL

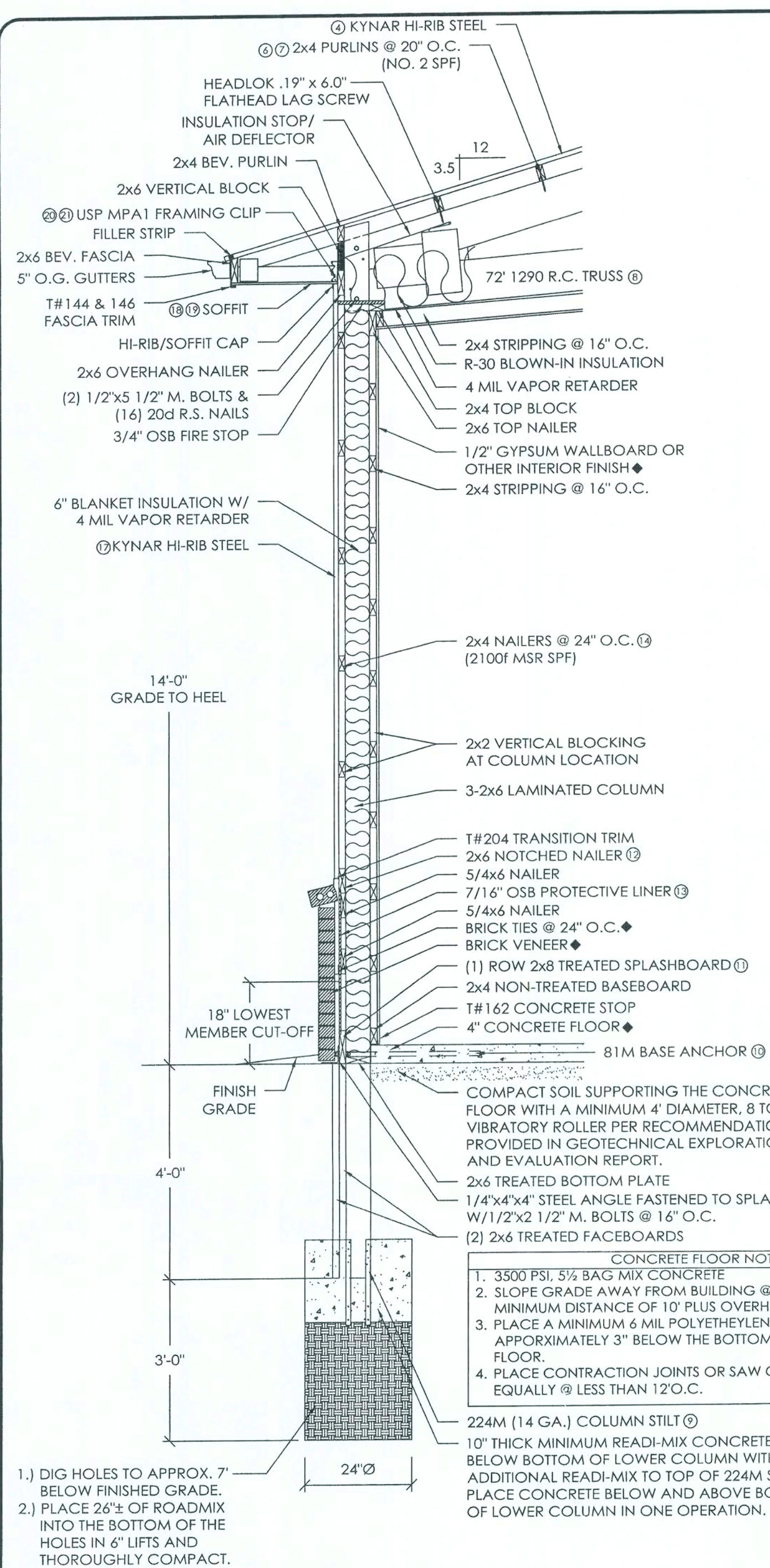
ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA #400  
PHONE NUMBER: 309-263-4105

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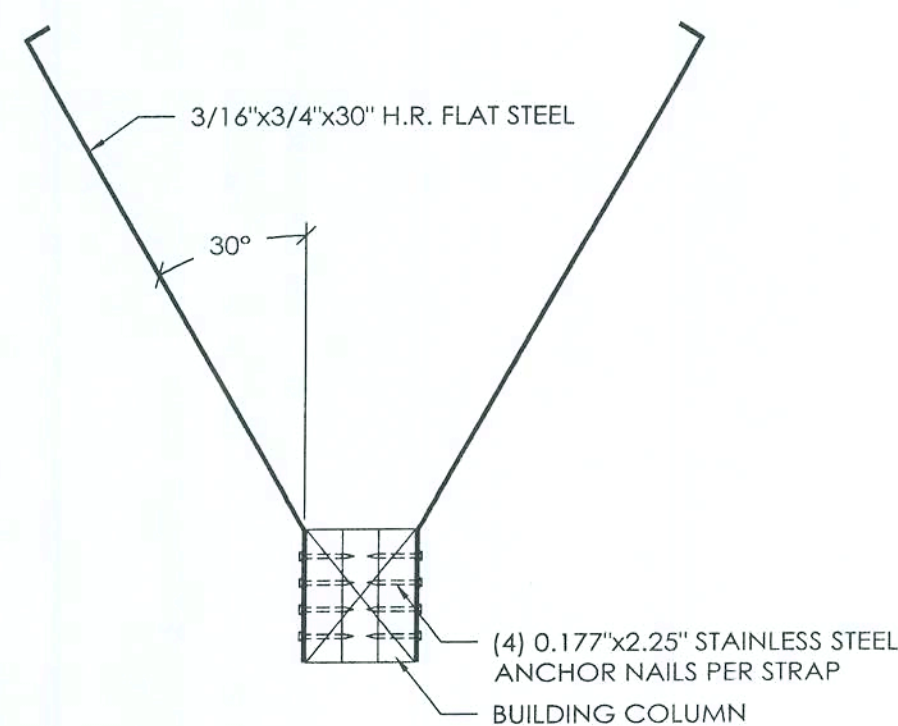
*Rene Hutter*  
06.12.08

SCALE AS NOTED  
SHEET NO. 54 OF 59

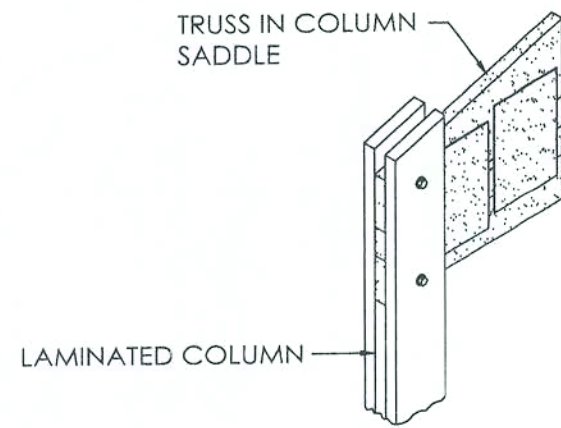




SIDEWALL SECTION-A  
SCALE: 1/2" = 1'-0"

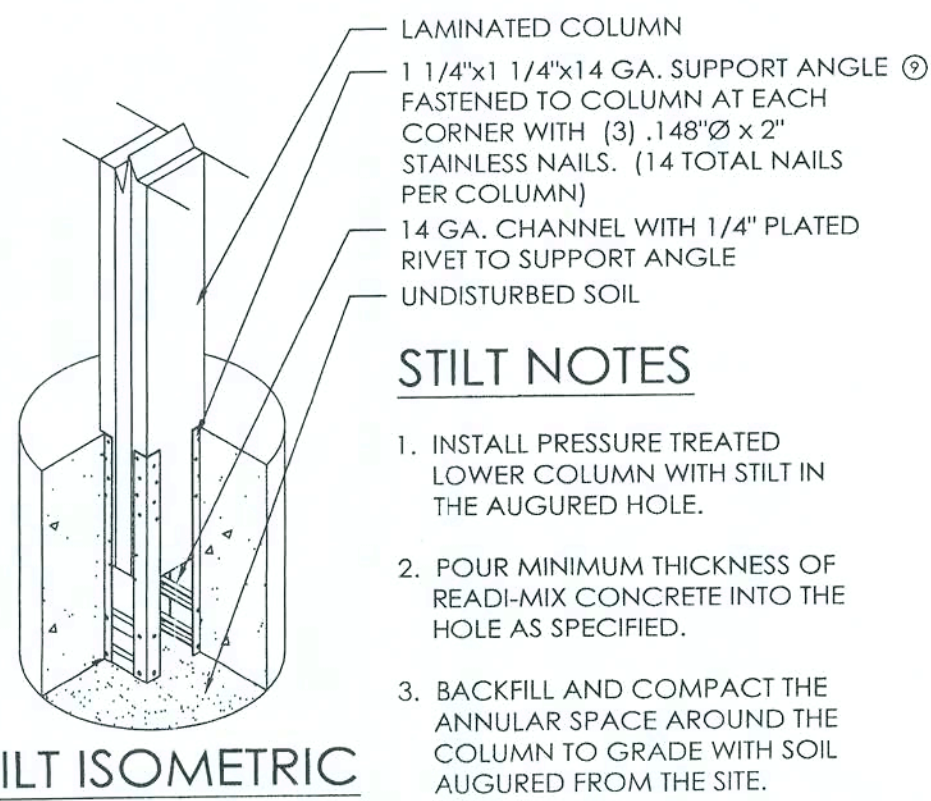


81M BASE ANCHOR  
FASTENING DETAIL  
SCALE: 1/2" = 1'-0"



TRUSS @ COLUMN DETAIL  
SCALE: 1/2" = 1'-0"

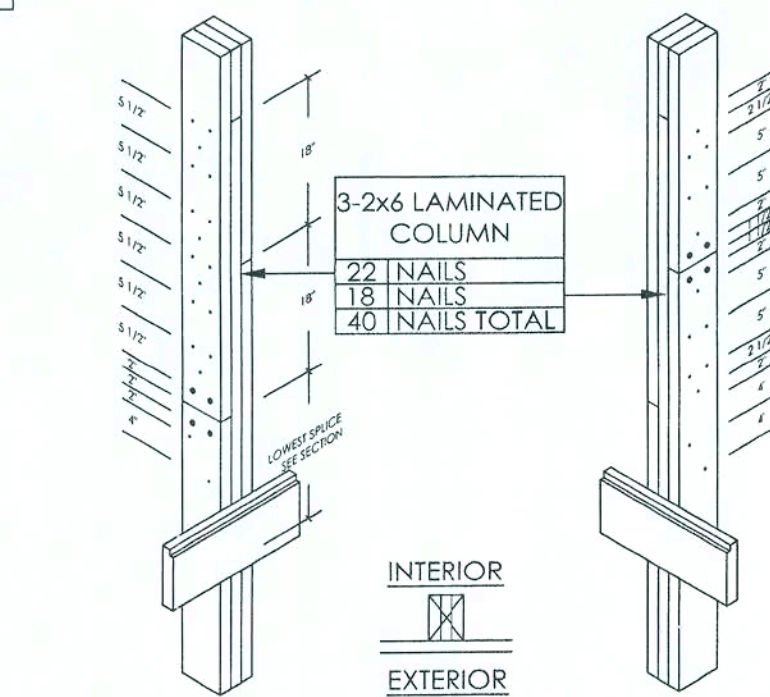
NOTE:  
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BUILDINGS' SUBCONTRACTORS AND ARE THE  
OWNER'S RESPONSIBILITY.



STILT NOTES

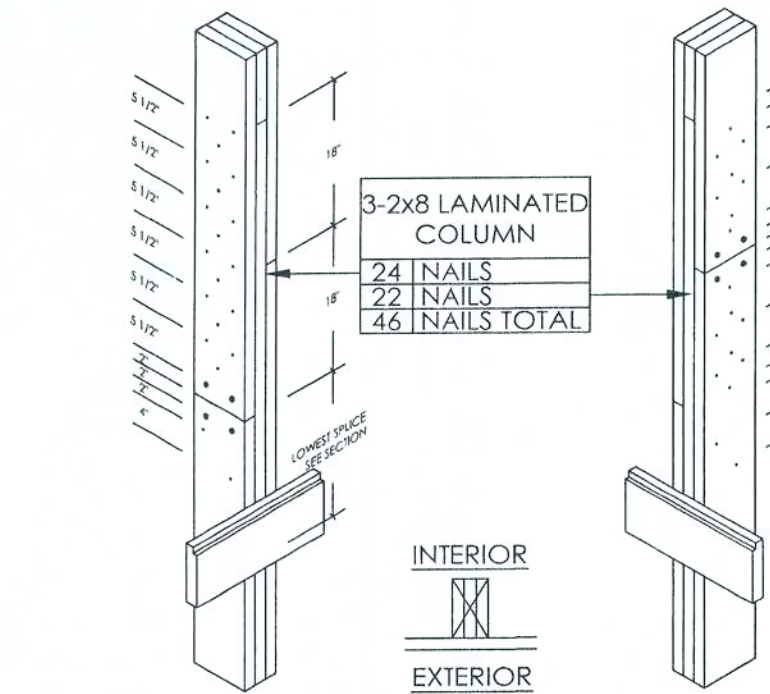
1. INSTALL PRESSURE TREATED LOWER COLUMN WITH STILT IN THE AUGURED HOLE.
2. FOUR MINIMUM THICKNESS OF READI-MIX CONCRETE INTO THE HOLE AS SPECIFIED.
3. BACKFILL AND COMPACT THE ANNULAR SPACE AROUND THE COLUMN TO GRADE WITH SOIL AUGURED FROM THE SITE.

STILT ISOMETRIC



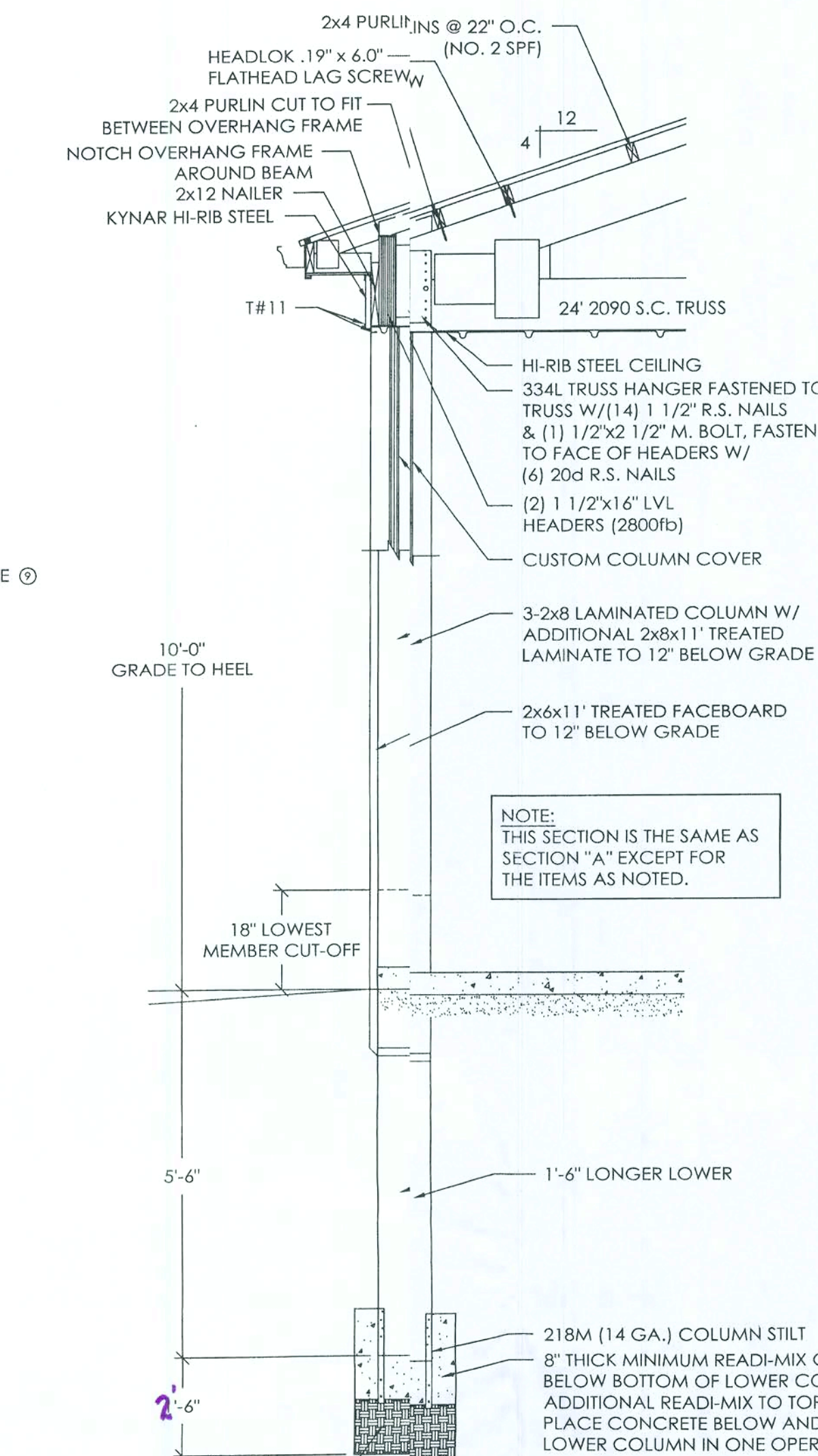
NAIL KEY	
•	0.148" x 4" (20d) NAILS
•	0.131" x 3 1/2" HOT DIPPED GALVANIZED (HDG) RING SHANK NAILS

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

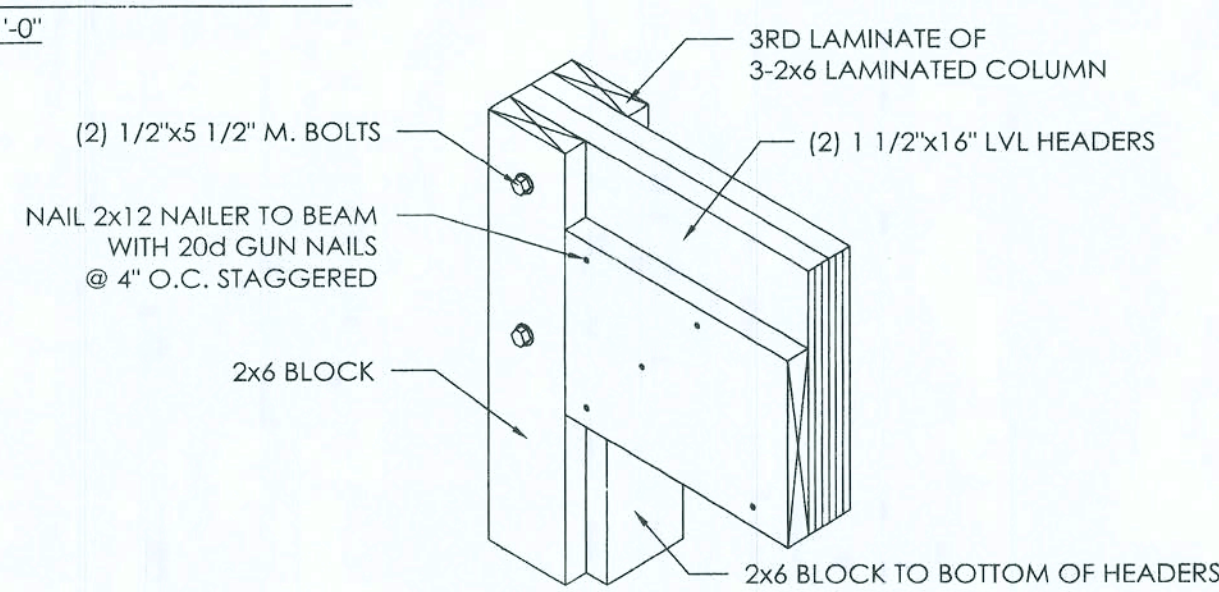


NAIL KEY	
•	0.148" x 4" (20d) NAILS
•	0.131" x 3 1/2" HOT DIPPED GALVANIZED (HDG) RING SHANK NAILS

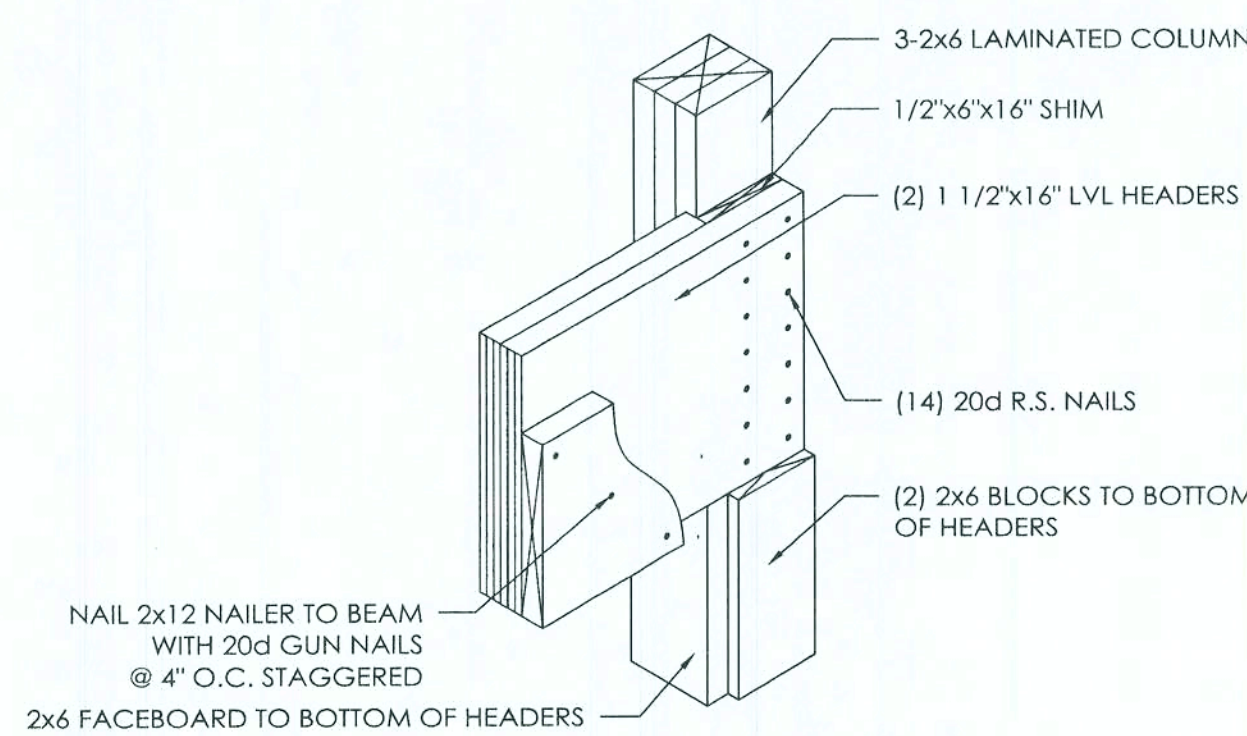
3-2x8 COLUMN SPLICE FASTENING DETAIL  
SCALE: 1/2" = 1'-0"



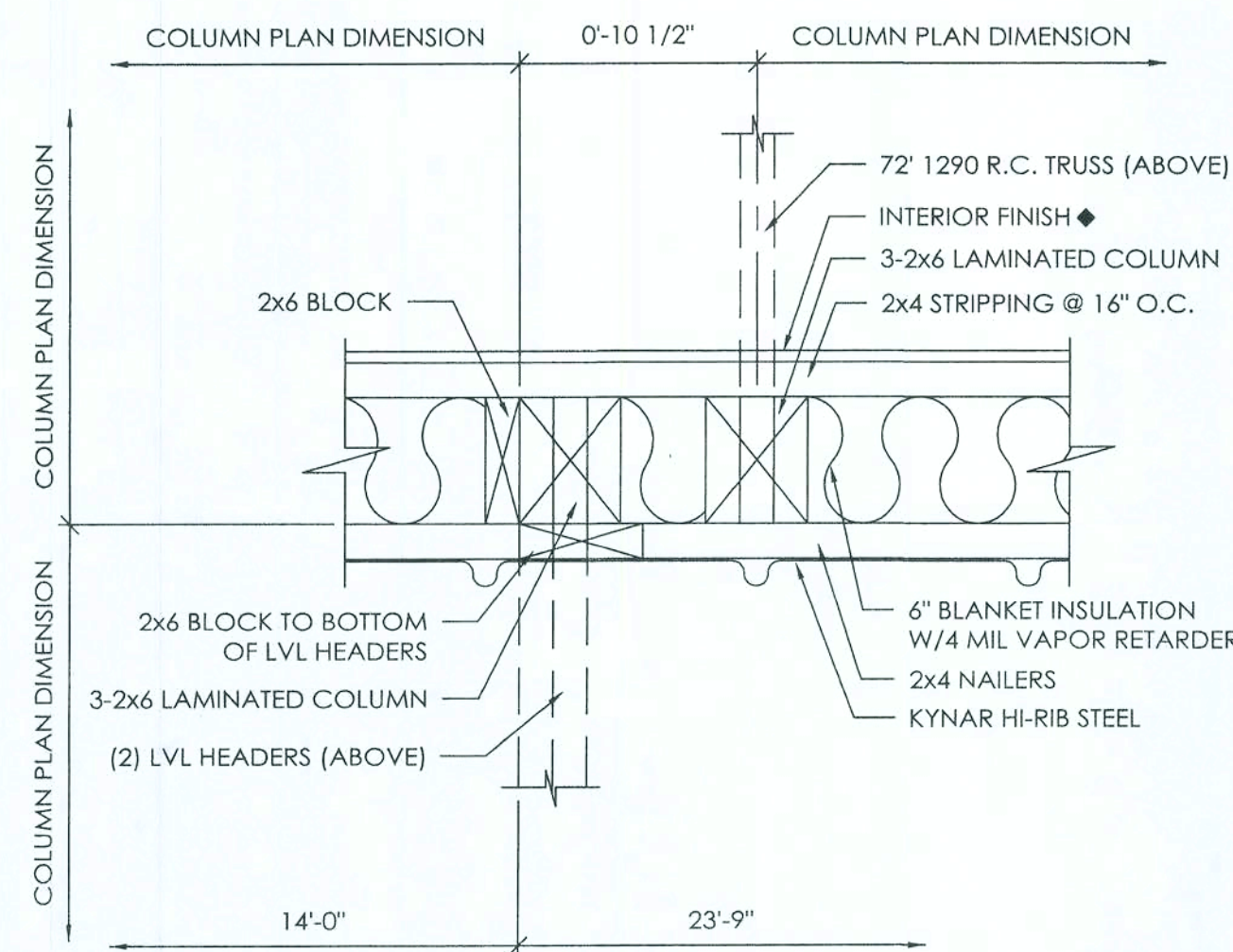
SIDEWALL SECTION-B  
SCALE: 1/2" = 1'-0"



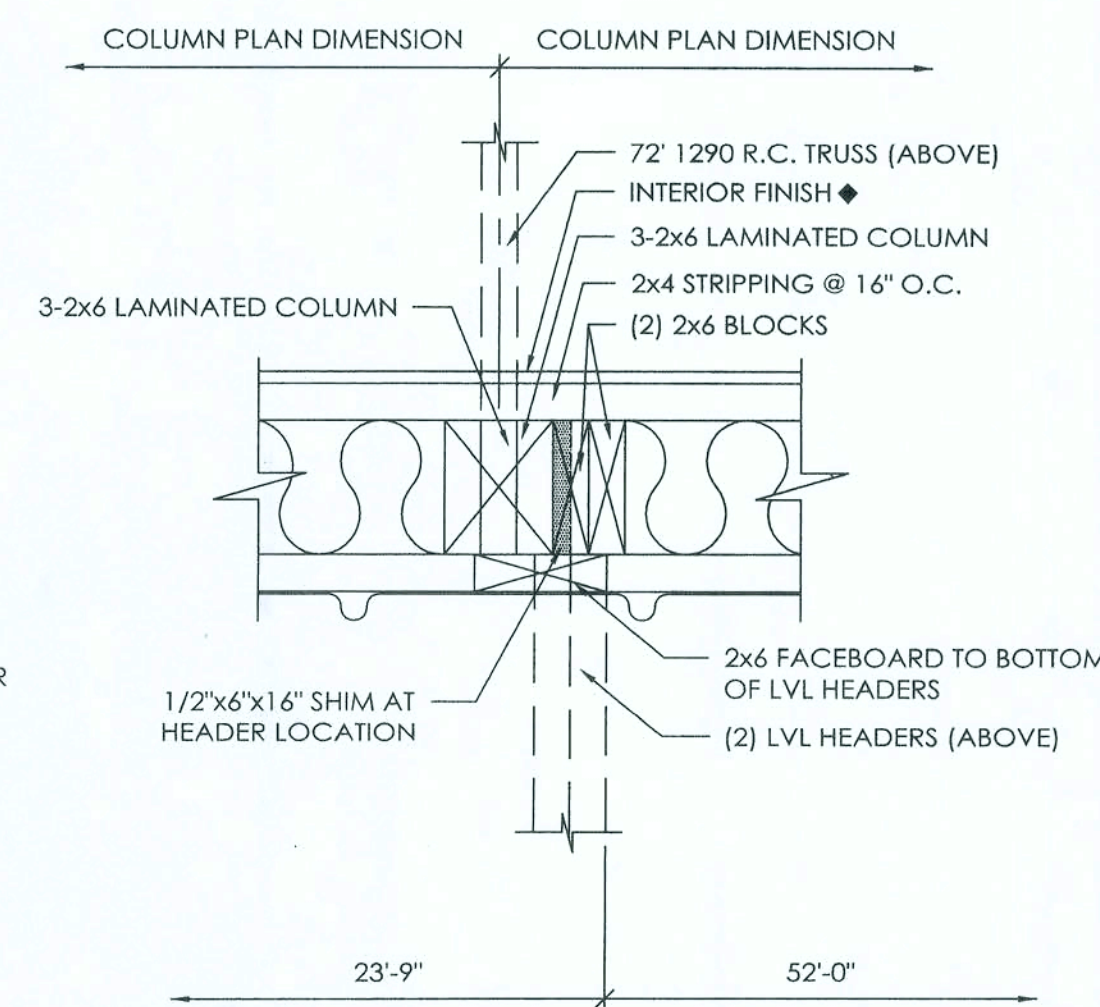
LVL HEADER CONNECTION @ MAIN BUILDING  
SCALE: 1" = 1'-0"



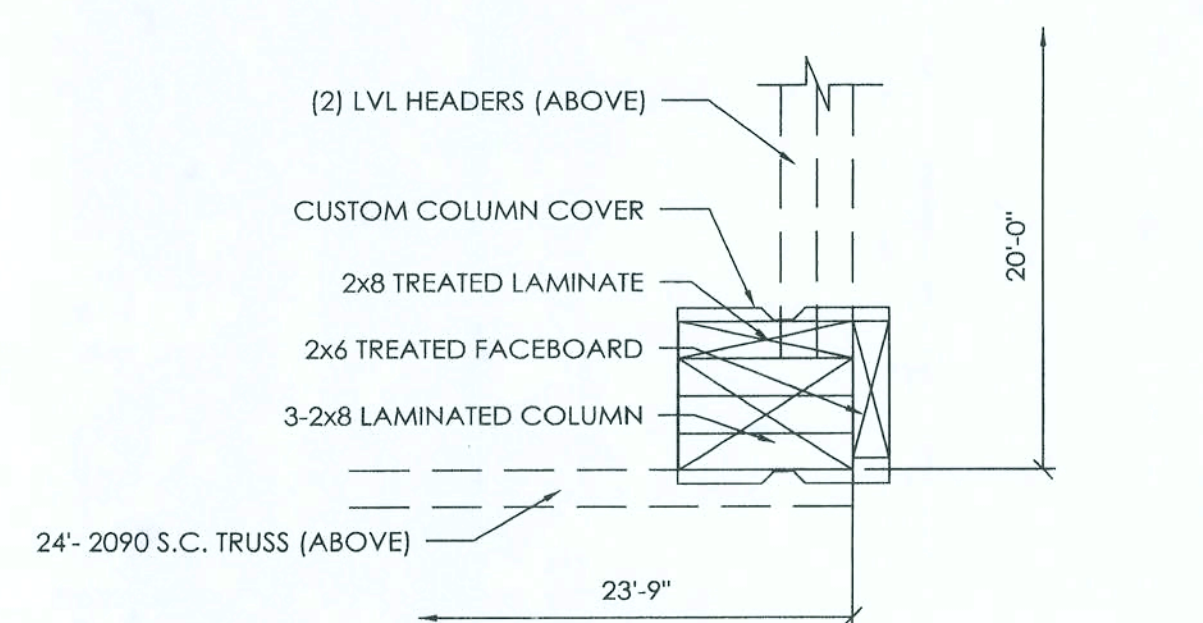
LVL HEADER CONNECTION @ MAIN BUILDING  
SCALE: 1" = 1'-0"



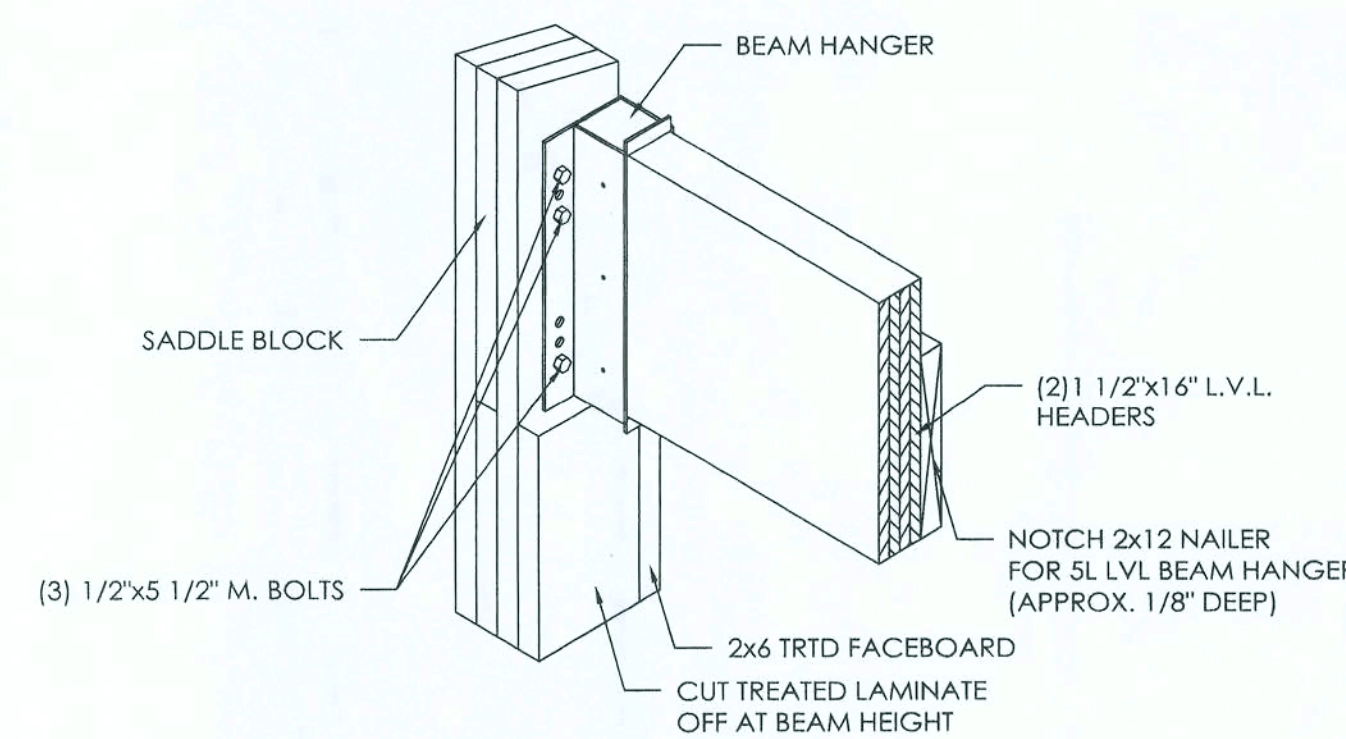
CONNECTION DETAIL-1  
SCALE: 1 1/2" = 1'-0"



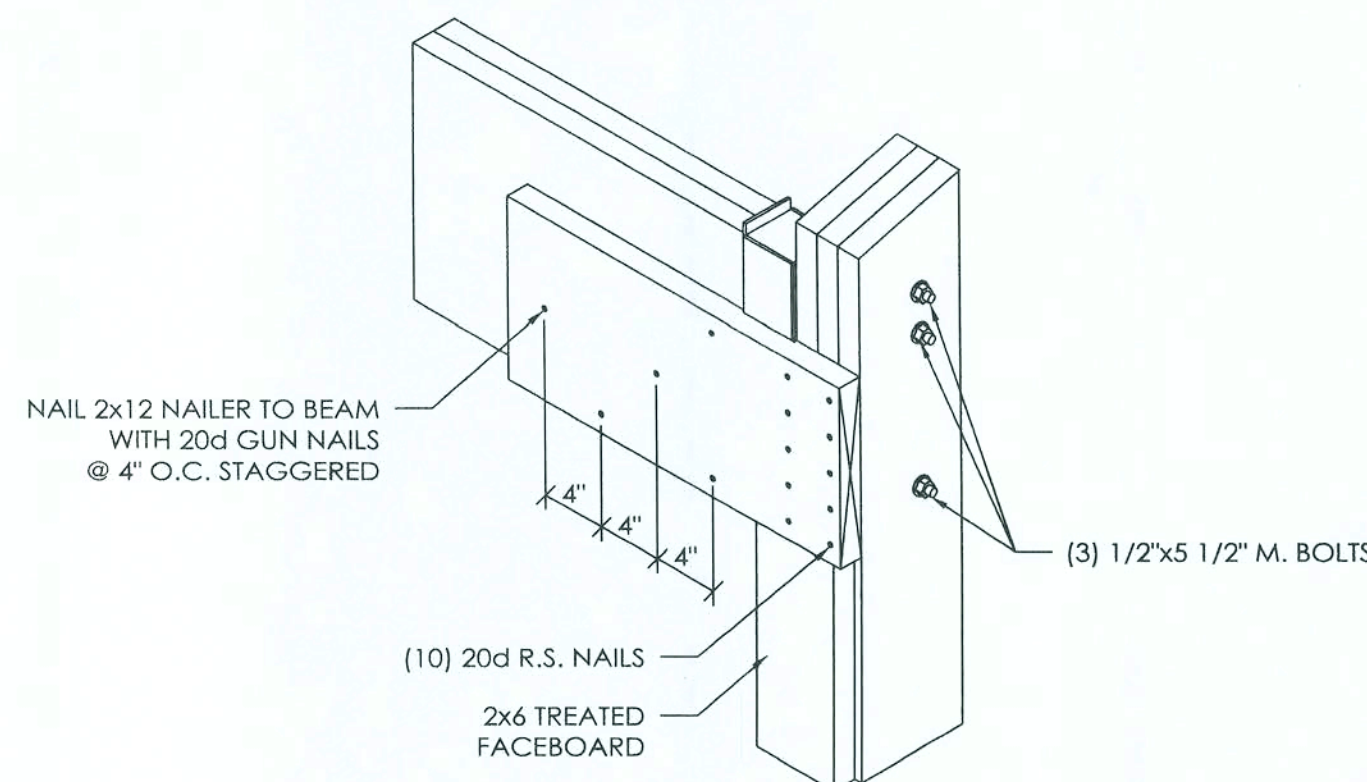
CONNECTION DETAIL-2  
SCALE: 1 1/2" = 1'-0"



CONNECTION DETAIL-3  
SCALE: 1 1/2" = 1'-0"



INSIDE VIEW



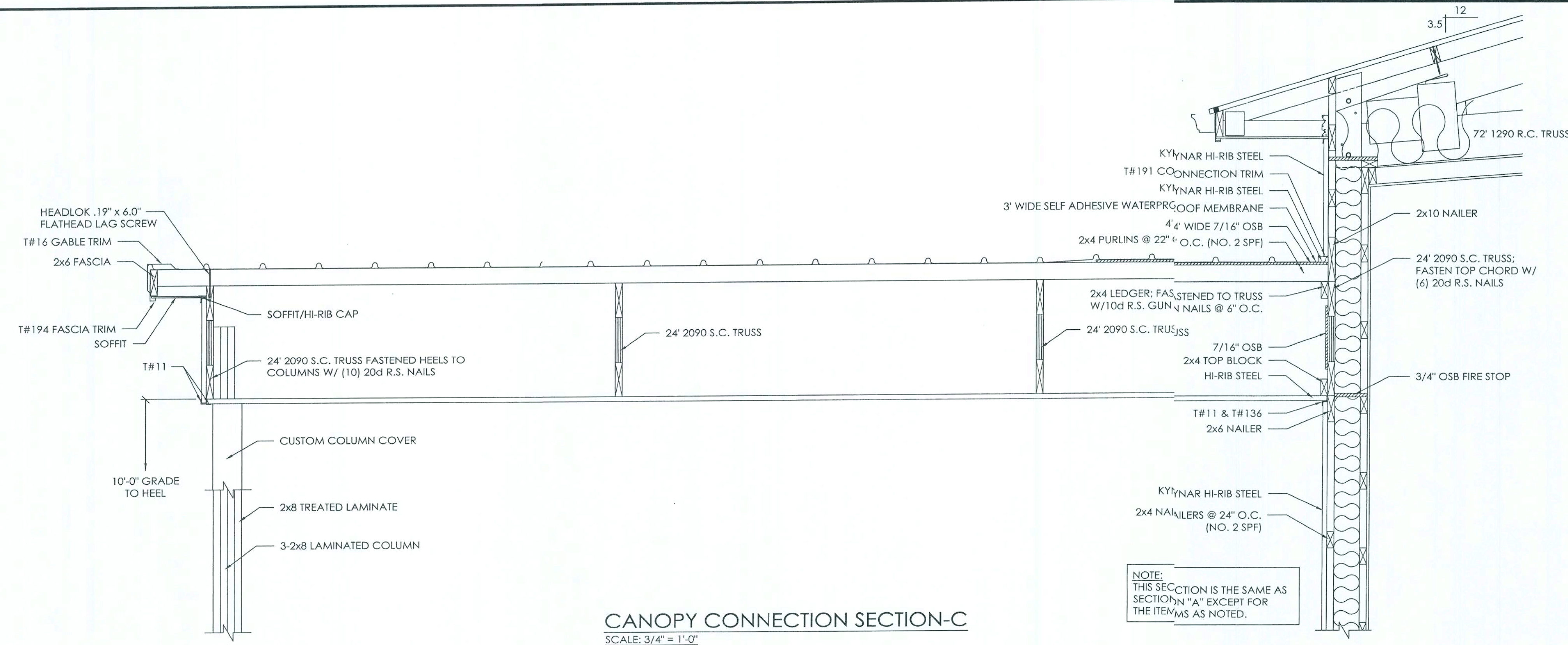
OUTSIDE VIEW

1 1/2"x16" L.V.L. BEAM JAMB DETAILS  
(REFER TO DETAIL-3 ABOVE)

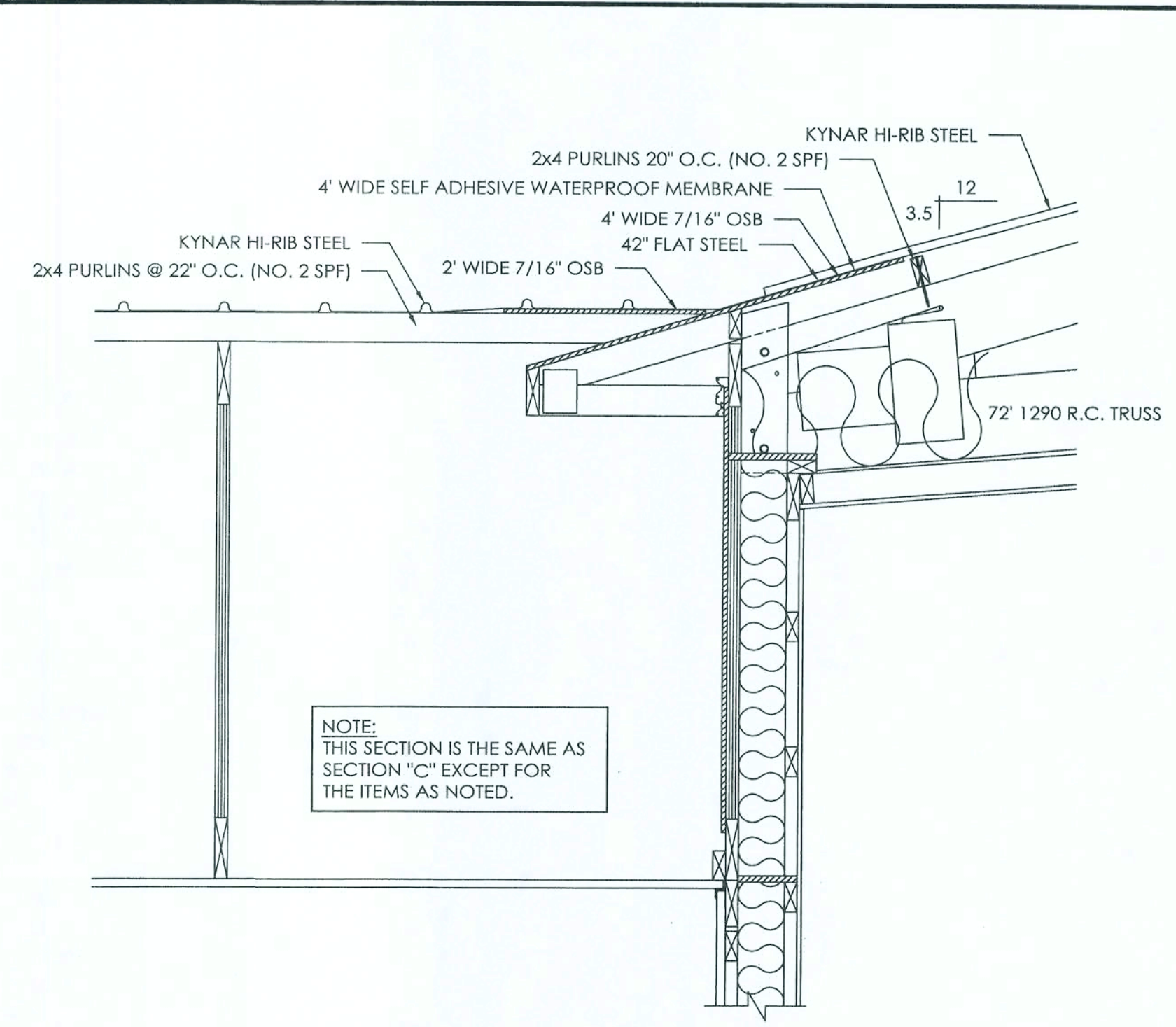


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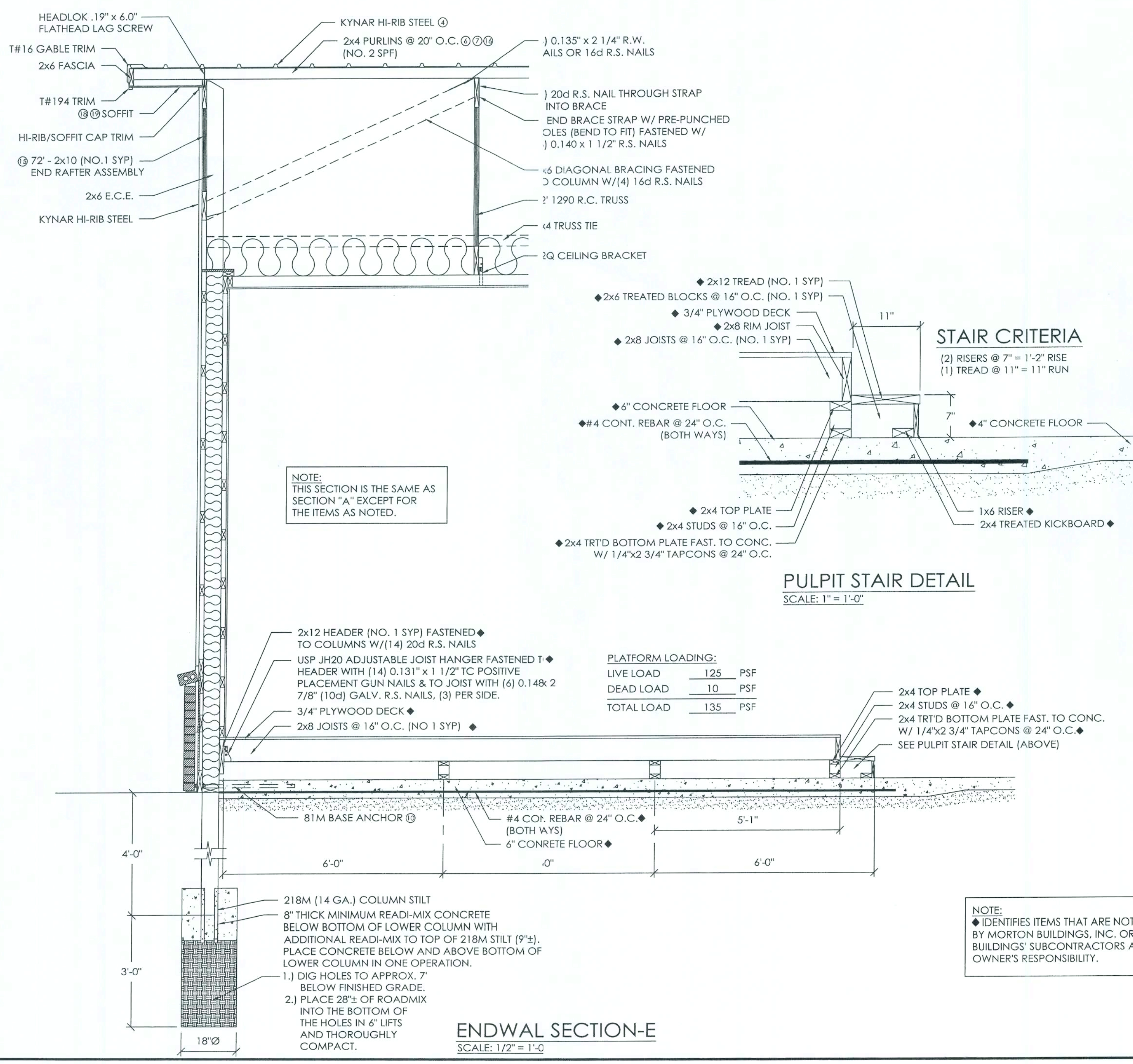
*Ronald L. Little*  
06.12.08



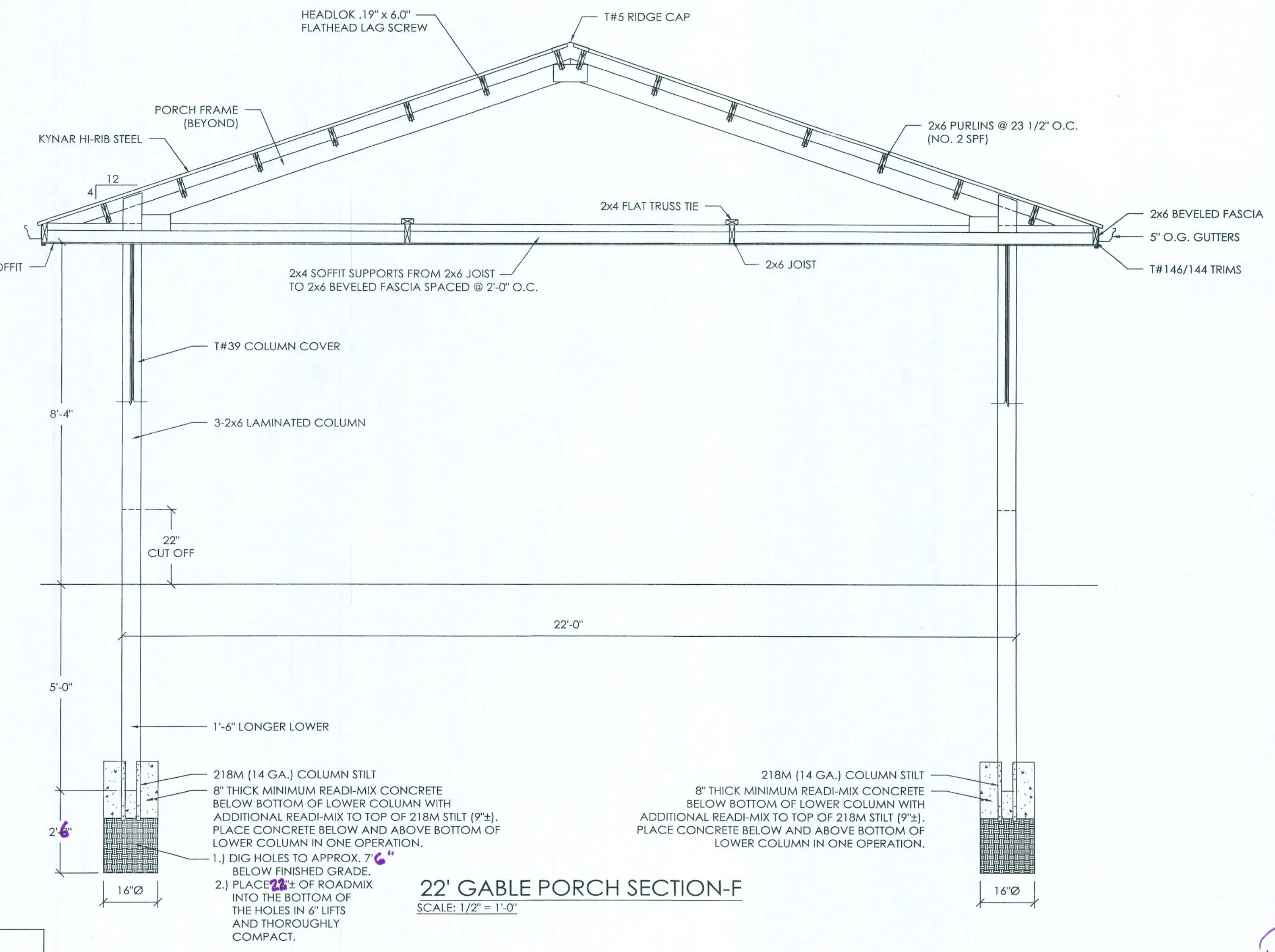
CANOPY CONNECTION SECTION-C  
SCALE: 3/4\" = 1'-0"



CANOPY VALLEY SECTION-D  
SCALE: 3/4\" = 1'-0"



PULPIT STAIR DETAIL  
SCALE: 1\" = 1'-0"

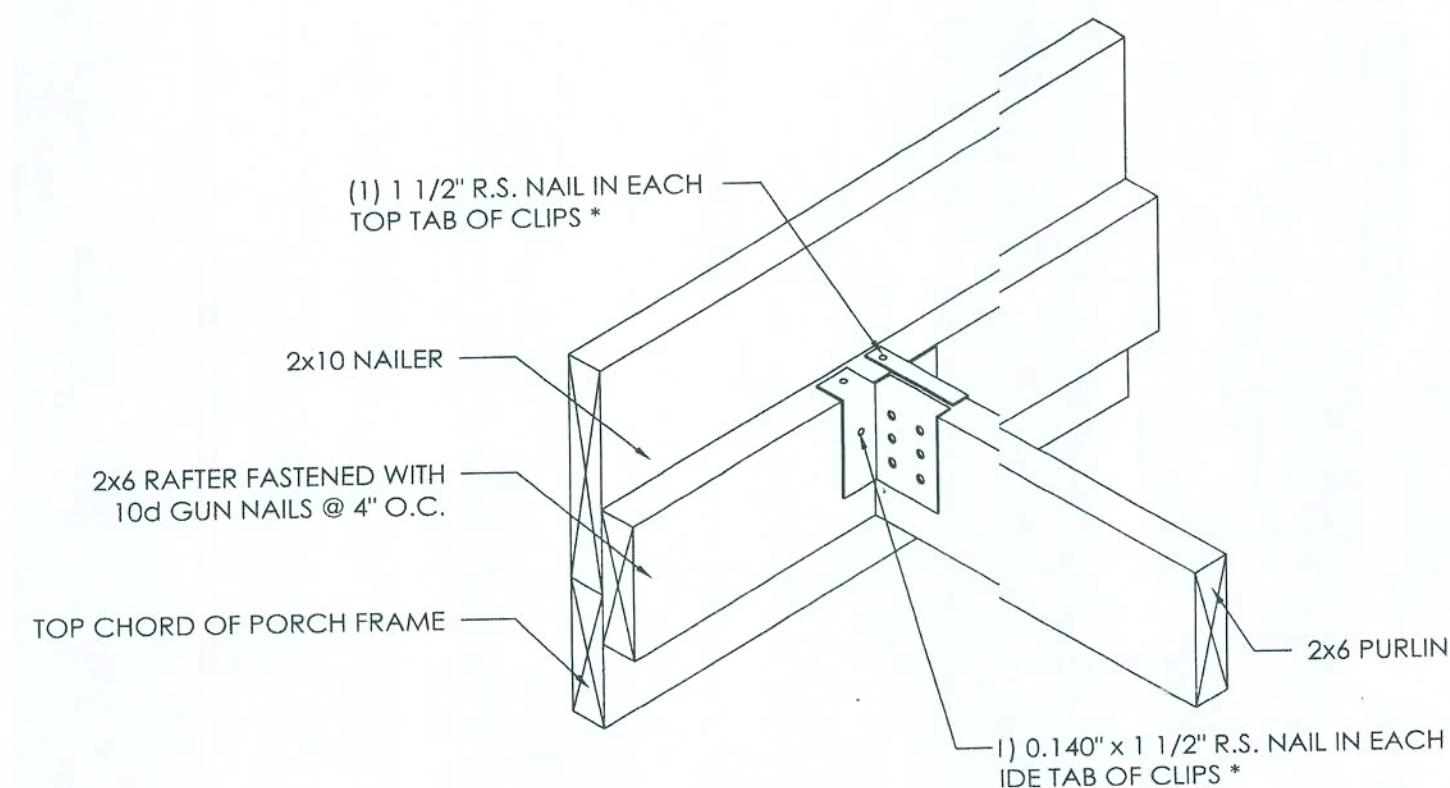


22' GABLE PORCH SECTION-F  
SCALE: 1/2\" = 1'-0"

ENDWALL SECTION-E  
SCALE: 1/2\" = 1'-0"

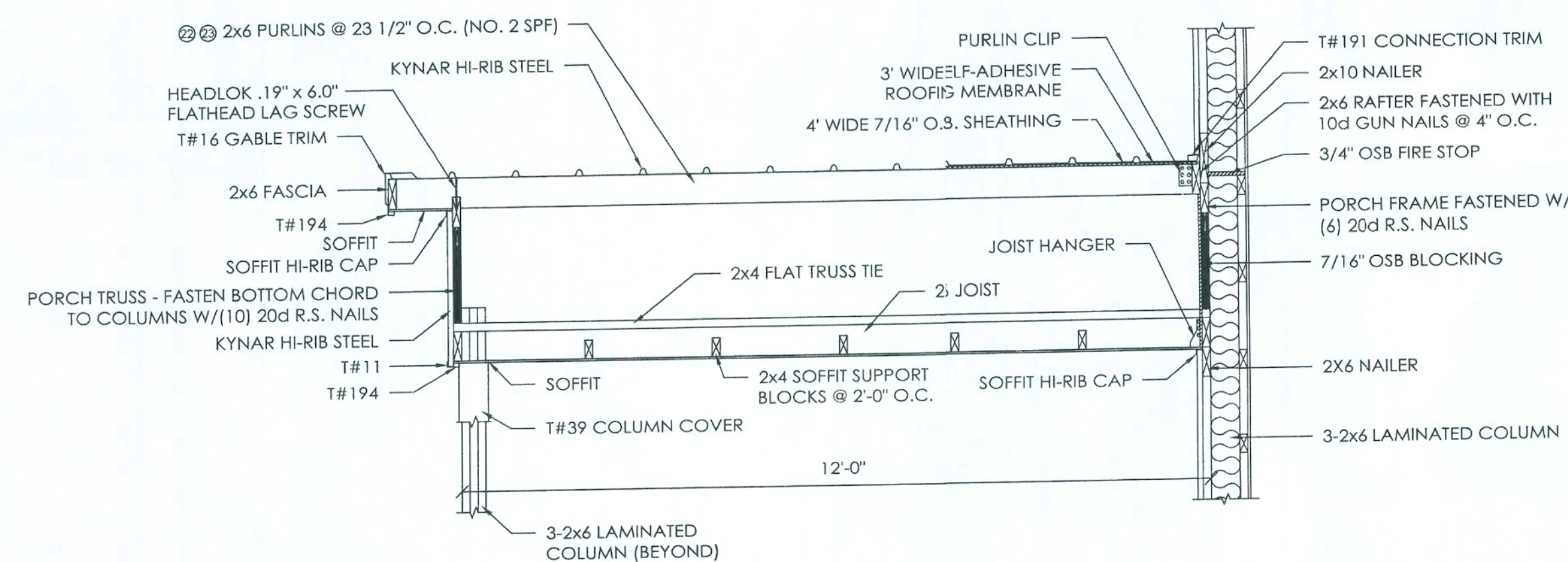
NOTE:  
◆ IDENTIFIES ITEMS THAT ARE NOT PROVIDED BY MORTON BUILDINGS, INC. OR MORTON BUILDINGS' SUBCONTRACTORS AND ARE THE OWNER'S RESPONSIBILITY.



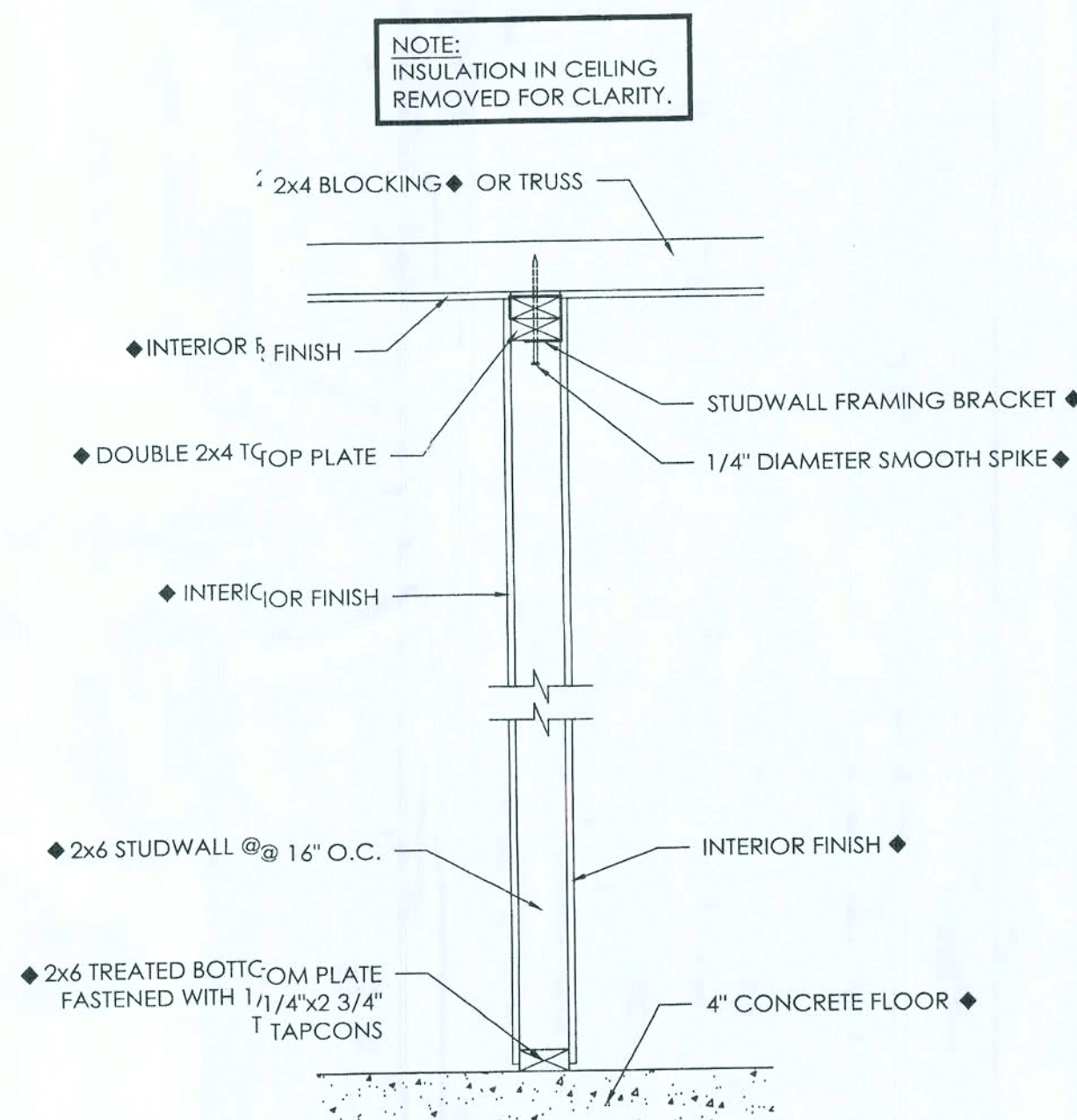


\* NOTE:  
ALWAYS USE A TOTAL OF (8) 0.140\" x 1 1/2\" R. NAILS PER PURLIN

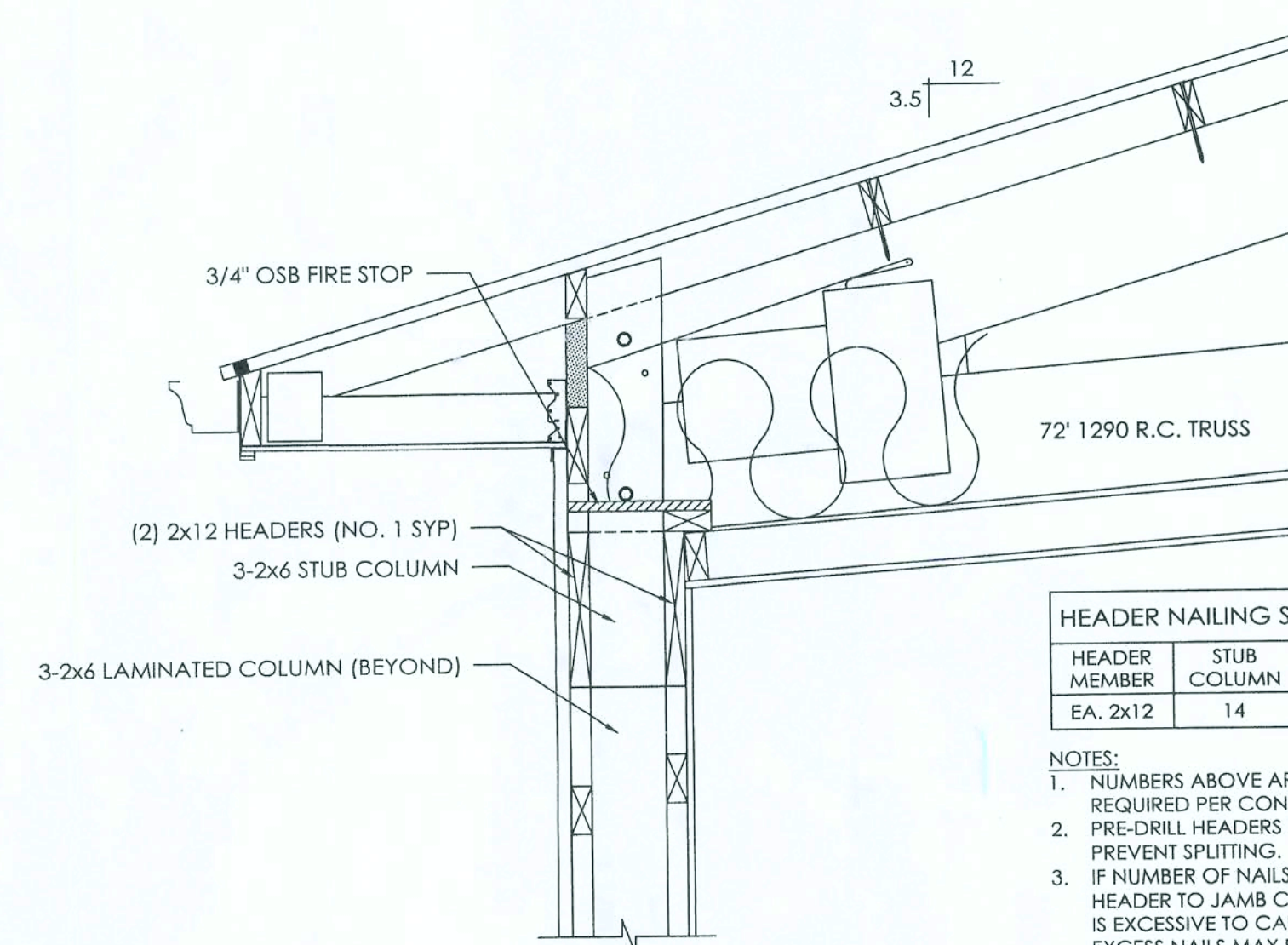
**2x6 PURLIN CLIP DETAIL**  
SCALE: 1\" = 1'-0"



**GABLE PORCH CONNECTION SECTION-G**  
SCALE: 1/2\" = 1'-0"



**STUDY WALL PARTITION SECTION-H**  
SCALE: 1\" = 1'-0"



HEADER NAILING SCHEDULE		
HEADER MEMBER	STUB COLUMN	JAMB COLUMN
EA. 2x12	14	10

NOTES:  
1. NUMBERS ABOVE ARE 20d R.S. NAILS REQUIRED PER CONNECTION.  
2. PRE-DRILL HEADERS AS REQUIRED TO PREVENT SPLITTING.  
3. 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.

**WALK DOOR HEADER SECTION-I**  
SCALE: 1\" = 1'-0"

OFFICE: CAINEVILLE, FL  
JOB NO. 131-0732

OUR REFERENCE LUTHERAN CHURCH  
LAKE CITY, FL

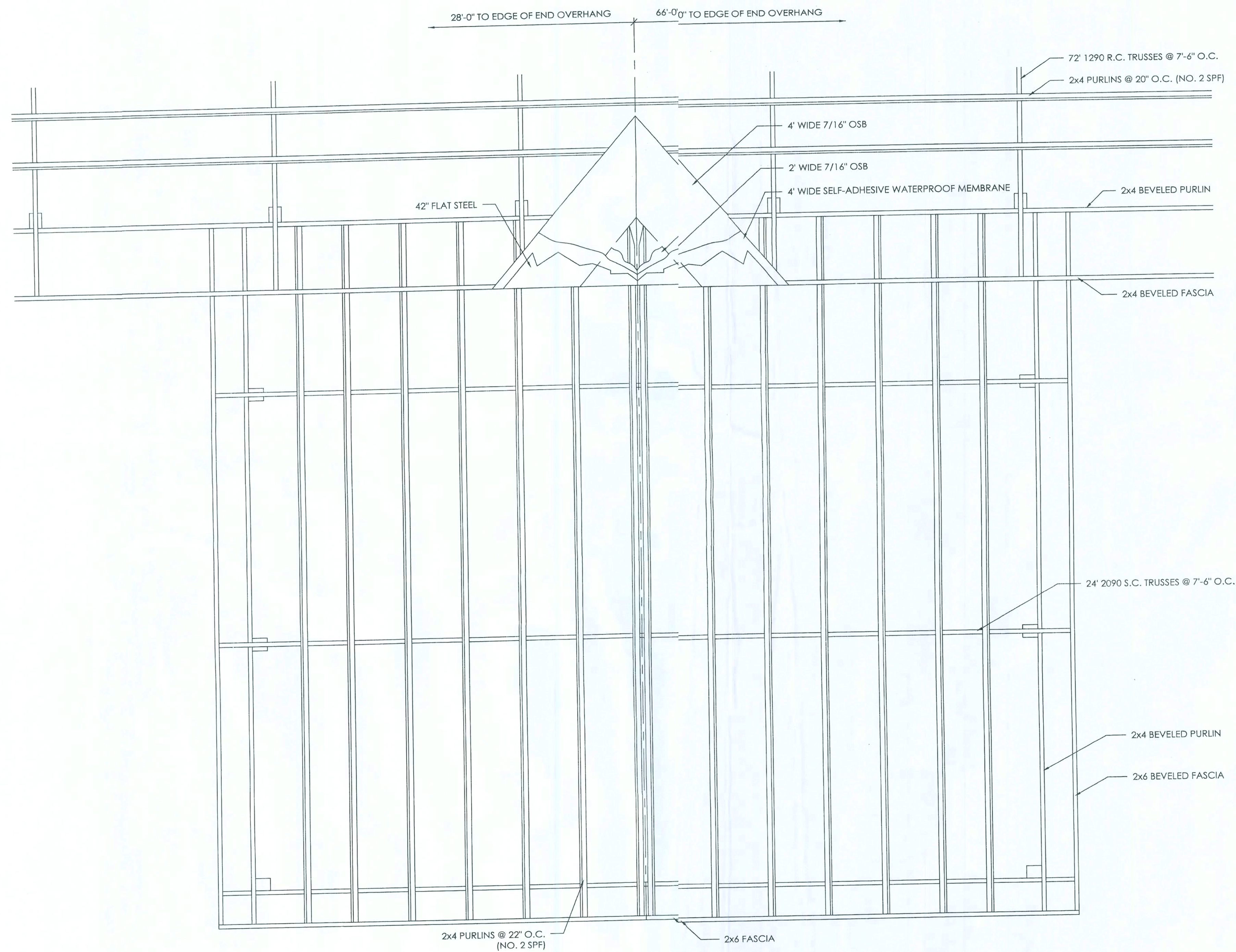
ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550  
PHONE NUMBER: 309-263-4105

DRAWN BY: MBH  
DATE: 04/04/08  
CHECKED BY: GMC  
DATE: 05/29/08  
REVISED DATE: ---  
REVISED DATE: ---  
REVISED DATE: ---  
REVISED DATE: ---

*Robert J. Sutton*  
06.12.08

SCALE: AS NOTED  
SHEET NO. S7 OF S9





VALLEY FRAMING PLAN  
SCALE: 1/2" = 1'-0"

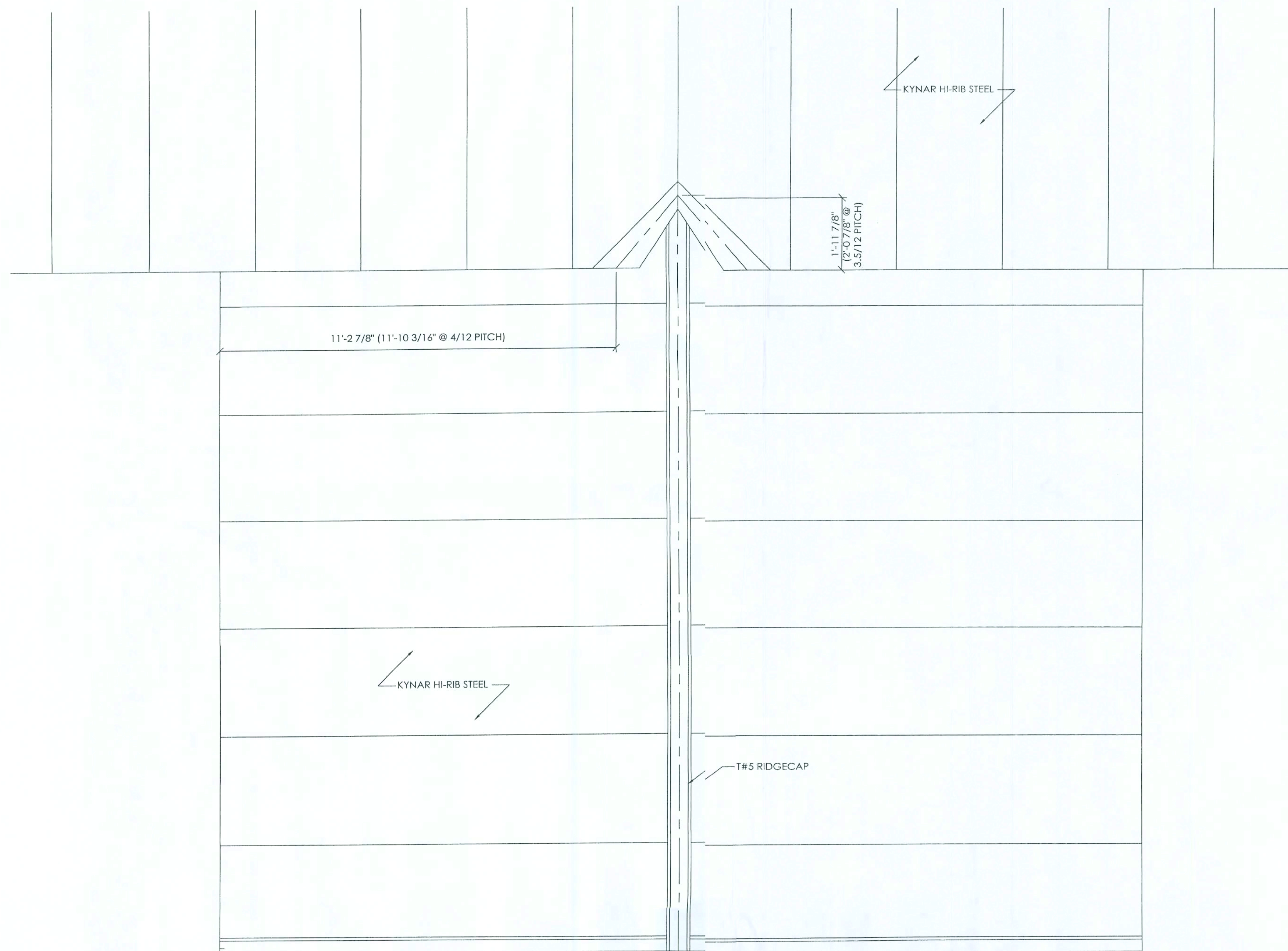
OUR REDEEMER LUTHERAN CHURCH  
LAKE CITY, FL

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA 61400 PHONE NUMBER: 309-263-4105

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DATE:	04/04/08
CHECKED BY:	GMC
DATE:	05/29/08
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----
REVISED DATE:	----

*Donald L. Little*  
06.12.08





VALLEY STEEL PLAN  
SCALE: 1/2" = 1'-0"

OUR REDEEMER LUTHERAN CHURCH  
LAKE CITY, FL

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DRAWN BY:	MBH
DATE:	04/04/08
CHECKED BY:	GMC
DATE:	05/29/08
REVISION DATE:	---
REVISION DATE:	---
REVISION DATE:	---
REVISION DATE:	---

*R. Hutton*  
06.12.08