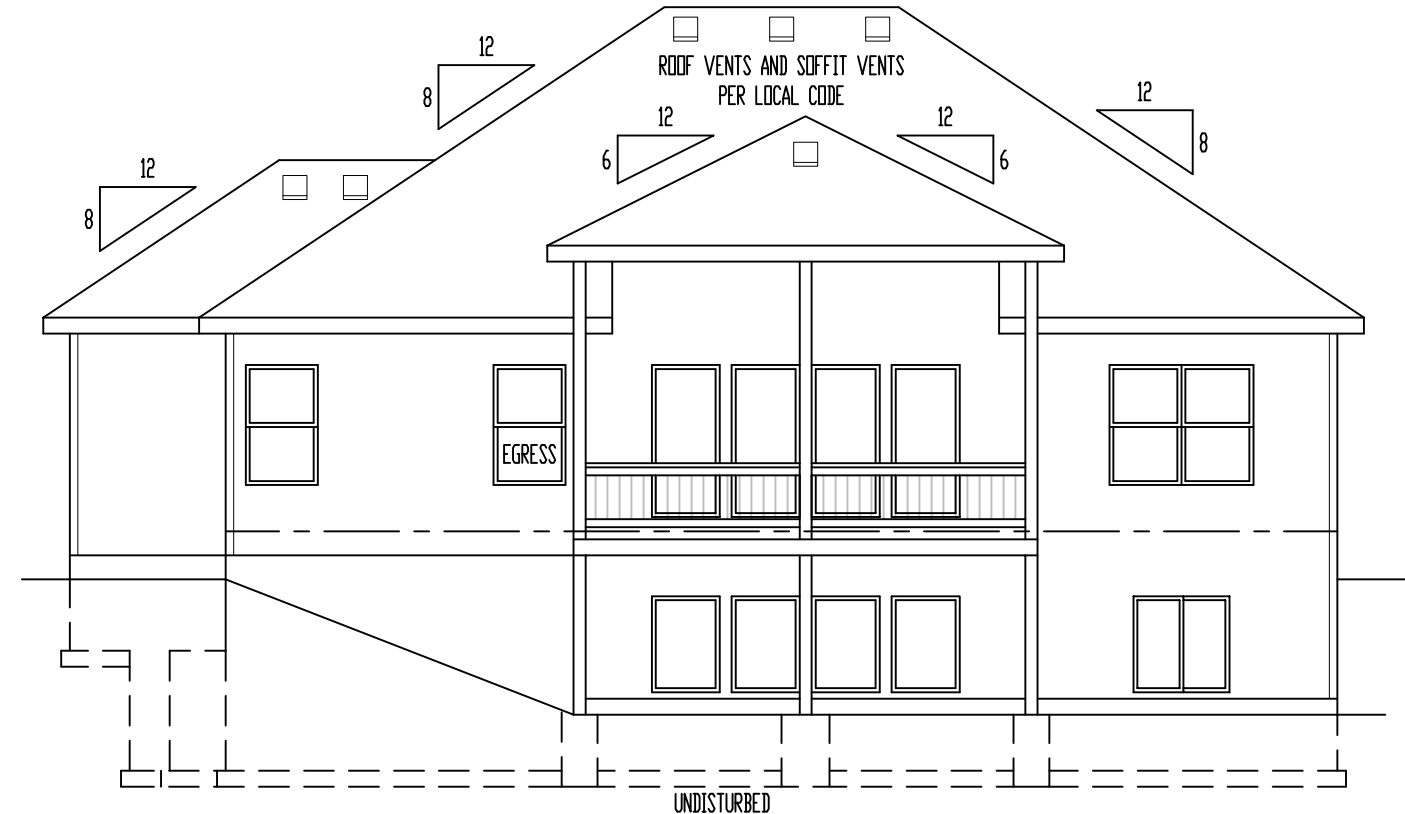
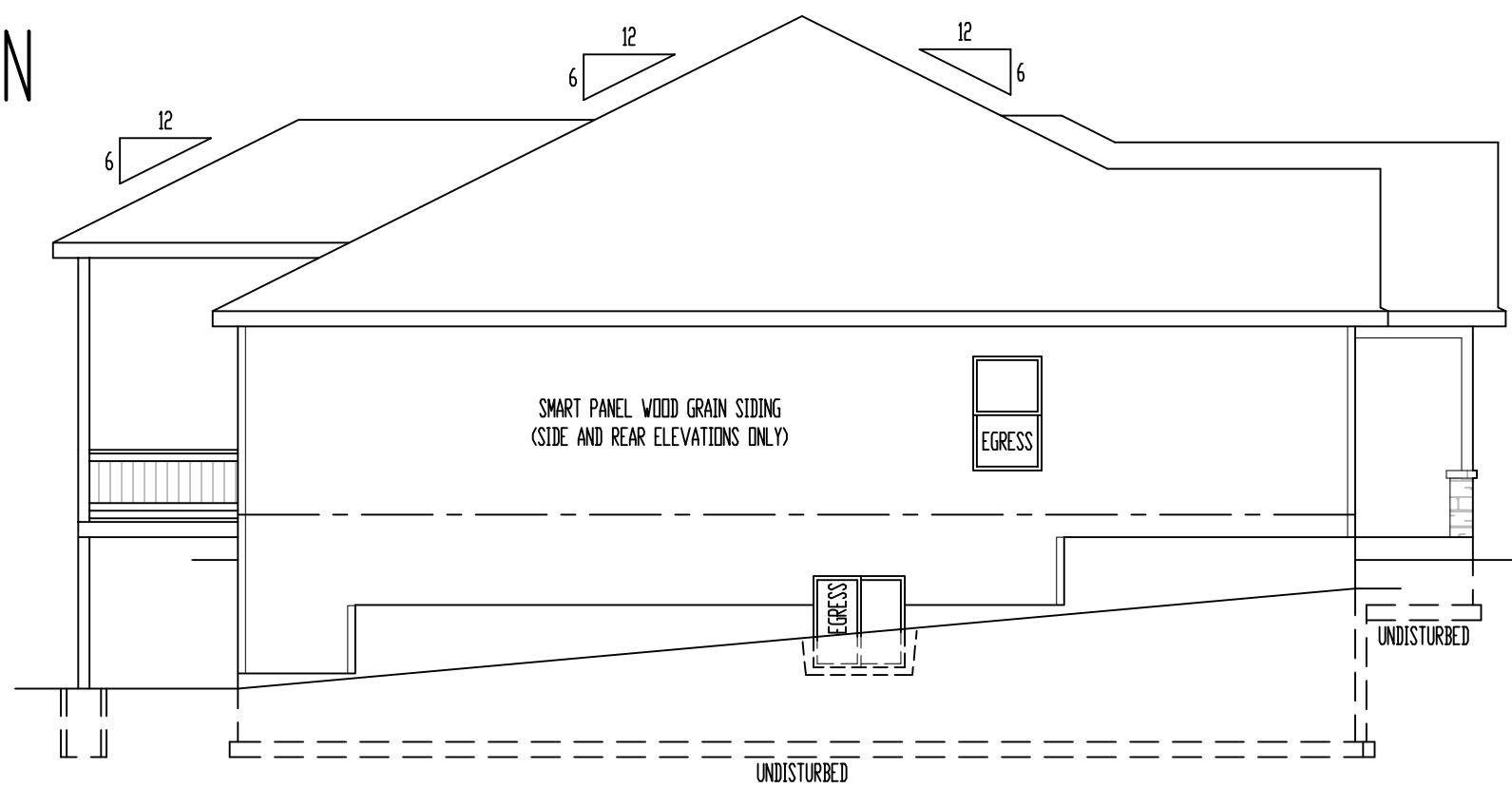


RIGHT ELEVATION
SCALE: 1/8" = 1'-0"



REAR ELEVATION
SCALE: 1/8" = 1'-0"



LEFT ELEVATION
SCALE: 1/8" = 1'-0"

ELEVATIONS:
SMART PANEL WOOD GRAIN SIDING ON SIDE AND REAR ELEVATIONS
COMPOSITION ROOF SHINGLES
LOCATE ROOF AND SOFFIT VENTS PER CODE
ADJUST FOUNDATION TO GRADE

DECK:
DECK CONSTRUCTION TO COMPLY WITH MUNICIPALITY'S
RESIDENTIAL DECK STANDARDS
2" X 10" #2 TTD. @ 16" O.C. FLOOR JOISTS (MAX. SPAN: 14'-0")
2" X 6" CEDAR DECKING
6" X 6" CEDAR/TTD. POSTS
2" X 2" CEDAR SPINDLES
2" X 6" CEDAR TOP RAIL
DETERMINE OPTIONAL STAIRS ON SITE

RELEASE FOR
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AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
09/17/2020

ONE-TIME-BUILD LICENSE AGREEMENT

NOTE: GOVERNING CODES &
GENERAL CONTRACTOR'S WRITTEN SPECIFICATIONS
TAKE PRECEDENCE OVER THESE PLANS.

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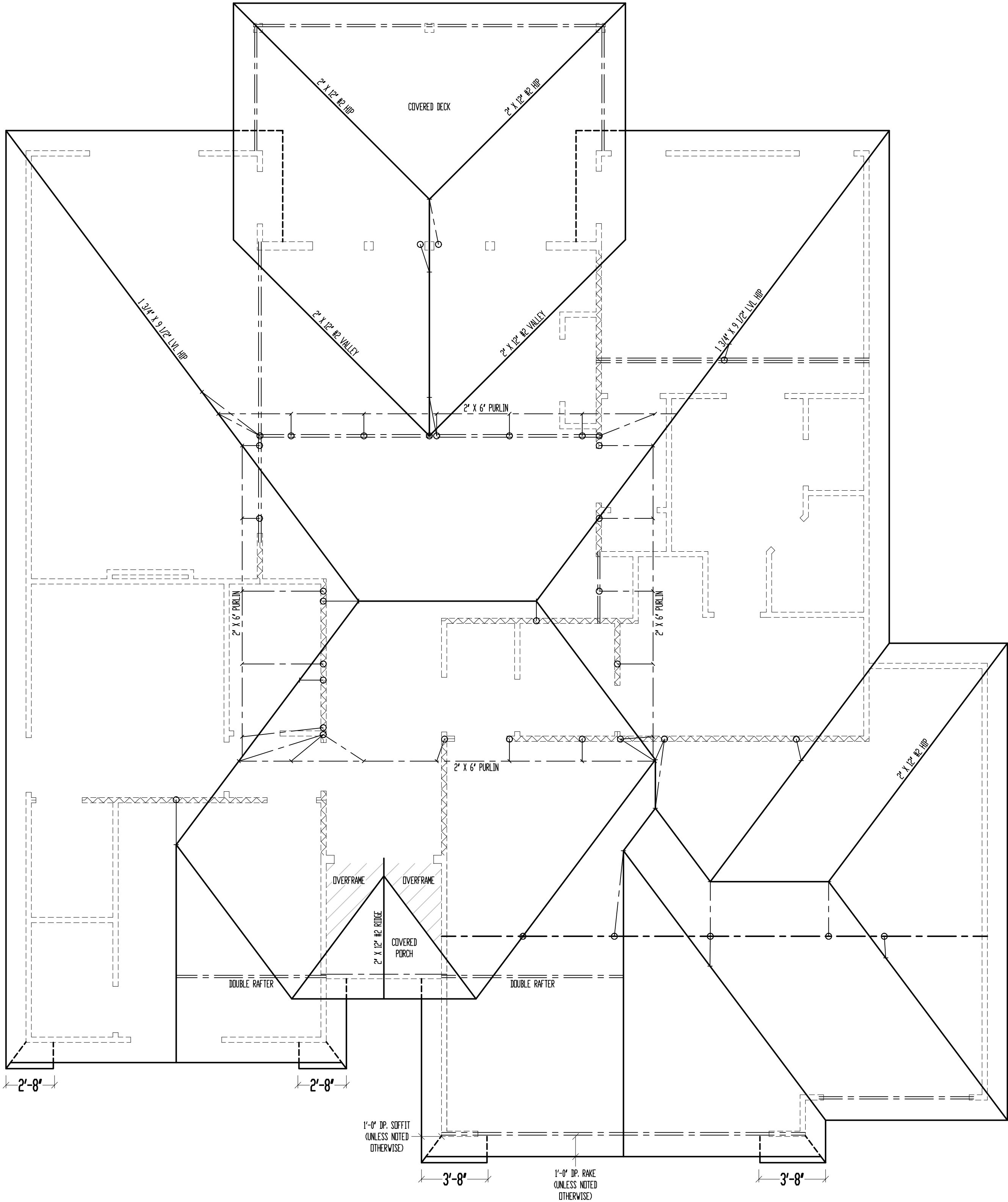
Drawing title:
The CATALINA
Site Description:
Lot 708, Eagle Creek
Street Address:
2366 SW River Trail Rd., Lee's Summit, Missouri
General Contractor:
IQ Construction



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Sheet Title:
ELEVATIONS

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A-1 of 4



ROOF

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

ALL RAFTERS SHALL BE 2" X 6" #2 @ 16" O.C., UNLESS NOTED OTHERWISE.

FLASHING NOTE:
DRIP EDGE, VALLEYS AND FLASHINGS TO BE METAL CLAD.

ROOF NOTES:
ROOF DESIGNED FOR LIGHT ROOF COVERING
30psf TOTAL LOAD (10psf DL, 20psf LL (SL))

* RAFTERS (HEM-FIR, DOUG-FIR, OR EQUAL):
SEE SPAN CHARTS BELOW

CODE MINIMUM		
RAFTERS	SPACING	MAX HORIZONTAL CLEARSPAN
#2-2x6	@24" O.C.	11'-7"
#2-2x6	@16" O.C.	14'-2"
#2-2x8	@24" O.C.	14'-8"
#2-2x8	@16" O.C.	17'-11"
#2-2x10	@24" O.C.	17'-10"
#2-2x10	@16" O.C.	21'-11"

NOTE: CODE MINIMUM ALLOWS FOR A RAFTER DEFLECTION OF L/180 TOTAL LOAD

HIGHER PERFORMANCE (RECOMMENDED)		
RAFTERS	SPACING	MAX HORIZONTAL CLEARSPAN
#2-2x6	@24" O.C.	8'-6"
#2-2x6	@16" O.C.	9'-9"
#2-2x8	@24" O.C.	11'-3"
#2-2x8	@16" O.C.	12'-9"
#2-2x10	@24" O.C.	14'-3"
#2-2x10	@16" O.C.	16'-3"

DEFLECTION = L/360 LIVE LOAD, L/240 TOTAL LOAD

- * VAULTS TO BE 2x10 DEPTH
- * RIDGE BOARDS ARE: (UNLESS OTHERWISE NOTED)
 - #2- 2X8 UP TO 10/12 PITCH
 - #2- 2X10 OVER 10/12 PITCH
- * ALL HIPs & VALLEYS ARE: (UNLESS OTHERWISE NOTED)
 - #2- 2X8 UP TO 10/12 PITCH
 - #2- 2X10 OVER 10/12 PITCH
- * PURLINS ARE 2X6 MIN.
 - PURLIN STRUTS ARE AT 4'-0" O.C.
 - PURLIN STRUTS SHALL BE INSTALLED AT NOT LESS THAN A 45 DEGREE ANGLE WITH THE HORIZONTAL
 - ALL PURLIN STRUTS SHALL HAVE A MAXIMUM UNBRACED LENGTH OF 8'-0"
 - PURLIN STRUTS SHALL BE CONSTRUCTED IN A "T" CONFIGURATION AND PER THE FOLLOWING CHART:

PURLIN STRUT	MAX PURLIN STRUT LENGTH
(2) 2x4	8'-0"
(1) 2x4 & (1) 2x6	12'-0"
(1) 2x6 & (1) 2x8	20'-0"
(2) 2x6 & (1) 2x8	30'-0"
CONSULT ARCH/ENGR. >	30'-0"

- * RIDGE BRACES ARE SAME AS PURLIN BRACES- SPACING, SIZE, CONFIGURATION, & INSTALLATION (SEE PURLIN BRACE NOTES ABOVE)
- * HIP & VALLEY BRACES ARE SAME AS PURLIN SIZE, CONFIGURATION, & INSTALLATION (SEE PURLIN BRACE NOTES ABOVE)

- * VERTICAL BRACE IF DOT IS UNDER HIP OR VALLEY
- * SLASH IS TOP END OF BRACE (/), DOT IS BOTTOM OF BRACE (o)
- * ~~~~~ DENOTES BEARING WALL
- * --- DENOTES ROOF BRACE
- * --- DENOTES PURLIN
- * --- DENOTES BEARING STRUCTURE

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
9/10/2024

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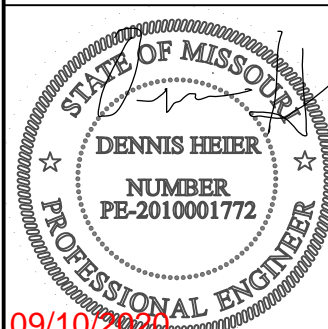
M/T: (816)547-4437 E: Plans@ViewpointDesign.net

Drawing title:
The CATALINA

Site Description:
Lot 708, Eagle Creek

Street Address:
2366 SW River Trail Rd., Lee's Summit, Missouri

General Contractor:
IQ Construction



Date: 9 - 1 - AD 2020
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Sheet Title:
ROOF PLAN

Sheet No.:
A-2 of 4



JOIST SCHEDULE	
E	2' X 6' #2 CEILING JOIST @ 16' O.C.
F	2' X 8' #2 CEILING JOIST @ 16' O.C.

+++++ = WALL BRACING PER FRAMING NOTE #1
AND PER CALCULATIONS ON SHEET S1.1.

FRAMING NOTES
1. MAIN LEVEL EXTERIOR WALLS SHALL BE SHEATHED W/ 7/16" O.S.B.
A.P.A. PANELS W/ 8d COMMON NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN
THE FIELD. SMART PANEL, OR EQUAL, INSTALLED PER MANUFACTURER'S
SPECIFICATIONS.

[illegible]

5. LOW TIES @ 4'-0" O.C. (TYPICAL)
6. RUN STUDS THE FULL HEIGHT OF RAISED PLATE WALLS.
7. BLOCK JOISTS ABOVE BEAMS; CANTILEVERS AND LOAD BEARING WALLS WITH JOIST MATERIAL (NOT REQUIRED WITH I-JOISTS).
8. PROVIDE MULTIPLE STUDS FOR SOLID BEARING BELOW ALL BEAMS.
9. ALL DESIGNATED 2" X 6" WALLS SHALL HAVE DOUBLE KING STUDS AT DOOR AND WINDOW OPENINGS.

10. ALL UNSQUARE WALLS SHALL BE 4", UNLESS NOTED OTHERWISE.
11. ALL WALLS TO BE FRAMED W/ MIN. STUD GRADE 2" X 4'S @ 16" O.C., UNLESS NOTED OTHERWISE.
12. EXTERIOR WALL BOTTOM PLATES SHALL BE NAILED TO FRAMING BELOW WITH 16d COMMON NAILS @ 8" O.C. MAX. (WHERE APPLICABLE.)

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LEE'S SUMMIT, MISSOURI**

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Drawing title:
***The
CATALINA***

Site Description:
***Lot 708, Eagle
Creek***

Street Address:
***2366 SW River Trail
Rd., Lee's Summit,
Missouri***

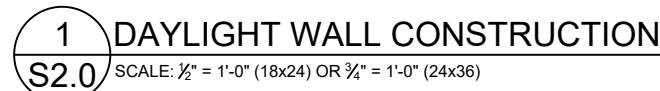
General Contractor:
IQ Construction

STATE OF MISSOURI
DENNIS HEIER
NUMBER
PE-2010001772
PROFESSIONAL ENGINEER
09/10/2020

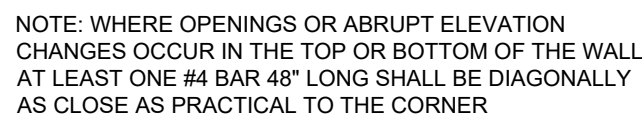
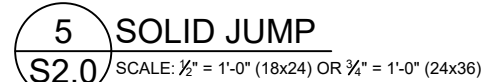
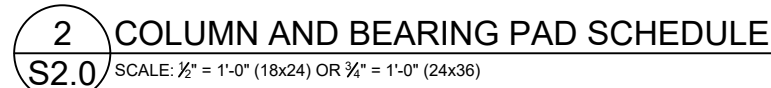
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**MAIN LEVEL
PLAN**

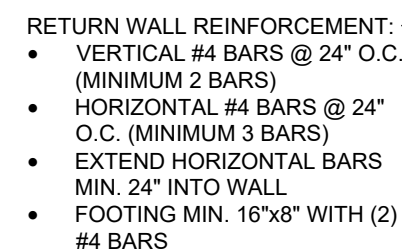
Sheet No.:
A-3 of 4



3 CONCRETE WALL SECTION
S2.0 SCALE: $\frac{1}{2}" = 1'-0"$ (18x24) OR $\frac{3}{4}" = 1'-0"$ (24x36)



**6 REINFORCEMENT AT OPENING CORNERS
S2.0 AND STEP CORNERS @ INSIDE CORNERS**
SCALE: $\frac{1}{2}" = 1'-0"$ (18x24) OR $\frac{3}{4}" = 1'-0"$ (24x36)

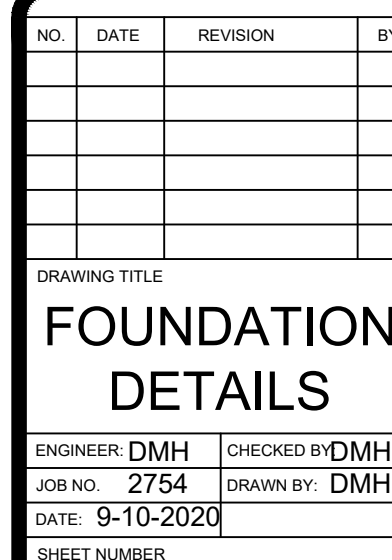


7 RETURN WALL DETAIL
S2.0 SCALE: $\frac{1}{2}" = 1'-0"$ (18x24) OR $\frac{3}{4}" = 1'-0"$ (24x36)

FOOTNOTES:

- 1) WALL HEIGHT IS MEASURED FROM THE TOP OF THE WALL TO THE TOP OF THE FLOOR SLAB
- 2) HORIZONTAL REINFORCEMENT FOR CONCRETE WALLS THAT ARE NOT FULL HEIGHT, AND FOR REINFORCEMENT SPACING 24" OC, REINFORCEMENT MAY BE PLACED IN THE MIDDLE OF THE WALL. OTHER WALLS SHALL HAVE VERTICAL REINFORCEMENT AS FOLLOWS:
 - A) 8" WALL - MINIMUM 5" FROM THE OUTSIDE FACE
 - B) 10" WALL - MINIMUM 6¾" FROM THE OUTSIDE FACE
 - C) EXTEND BARS TO WITHIN 8" OF THE TOP OF THE WALL
- 3) REINFORCEMENT CLEARANCES:
 - A) CONCRETE EXPOSED TO EARTH - MINIMUM 1½"
 - B) NOT EXPOSED TO WEATHER (INTERIOR SIDE OF WALLS) - ¾"
 - C) CONCRETE EXPOSED TO WEATHER (TOP CLEARANCE IN GARAGE AND DRIVEWAY SLABS) - 1½"
- 4) HORIZONTAL REINFORCEMENT:
 - A) ONE BAR SHALL BE PLACED WITHIN 12" OF THE TOP OF THE WALL
 - B) OTHER BARS SHALL BE EQUALLY SPACED WITH SPACING NOT TO EXCEED 24" OC
 - C) HORIZONTAL BARS SHOULD BE AS CLOSE TO THE TENSION FACE AS POSSIBLE (INTERIOR) AND BEHIND THE VERTICAL REINFORCEMENT (I.E. 2" TOWARD THE INSIDE)
 - D) SUPPLEMENTAL REINFORCEMENT AT CORNERS - PLACE (1) #4 BAR 48" LONG AT 45 DEGREE ANGLE AT CORNERS OF OPENINGS. PLACE REINFORCEMENT WITHIN 6" OF THE EDGE OF INSIDE CORNERS.
- 5) REINFORCEMENT SHALL BE LAPPED A MINIMUM 24" AT ENDS, SPLICES, AND AROUND CORNERS.
- 6) AT MASONRY LEDGES THE MINIMUM WALL THICKNESS SHALL BE 3¾". LEDGES SHALL NOT EXCEED A DEPTH OF MORE THAN 24" BELOW THE TOP OF THE WALL. FOR WALL THICKNESSES LESS THAN 4" PROVIDE #4 BARS AT MAX. 24" OC TO WITHIN 8" OF THE TOP OF THE WALL.
- 7) STRAIGHT WALLS MORE THAN 5' TALL AND MORE THAN 16 FEET LONG SHALL BE PROVIDED WITH EXTERIOR BRACED RETURN WALLS. WALL LENGTH SHALL BE MEASURED USING INSIDE THE SHORTEST DIMENSION BETWEEN INTERSECTING WALLS
- 8) WALL SHALL NOT BE BACKFILLED UNTIL FLOOR SYSTEM AND DIAPHRAGM ARE IN PLACE

4 FOUNDATION WALL REINFORCEMENT TABLE



S2.0

VISTA

STRUCTURAL

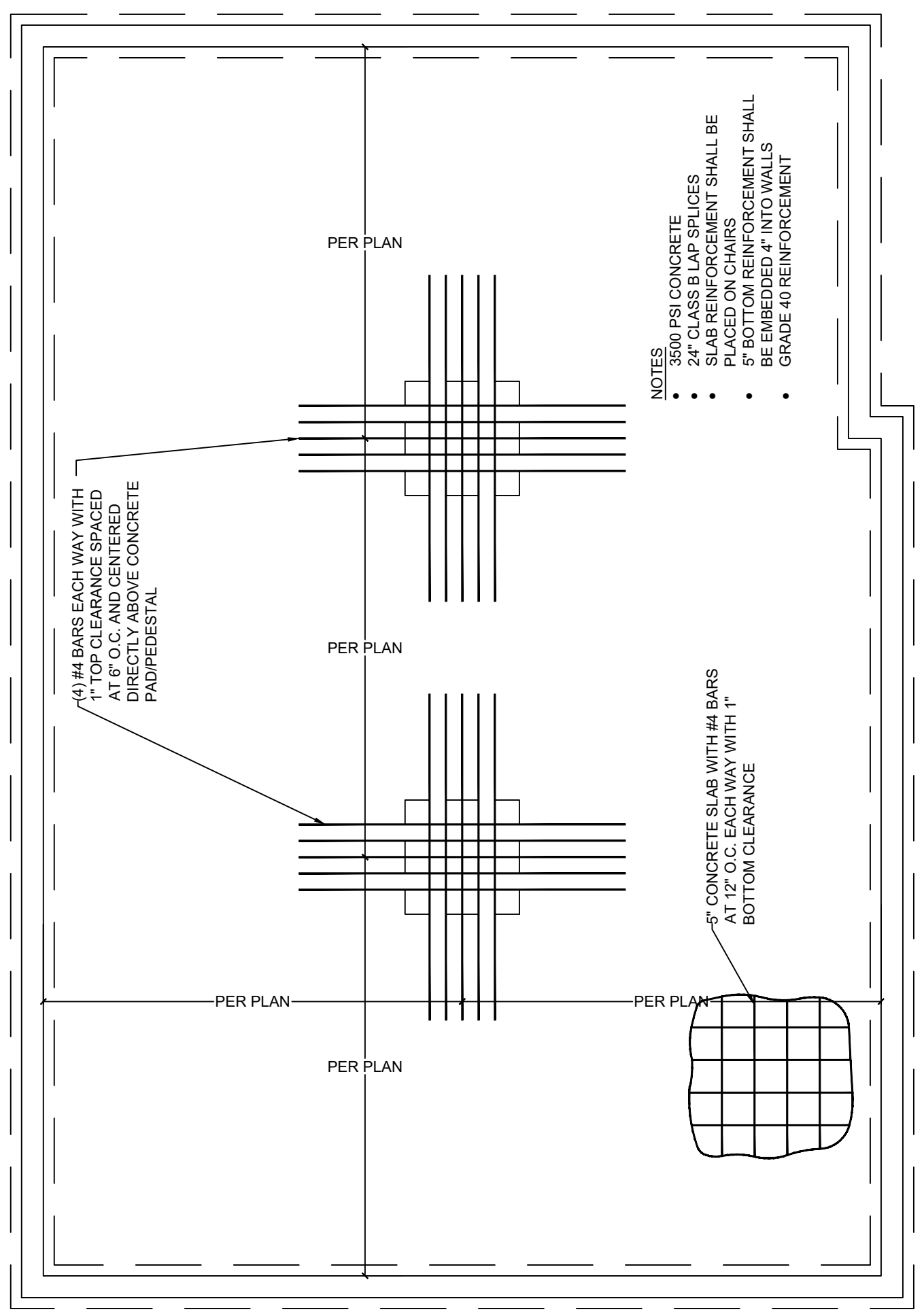
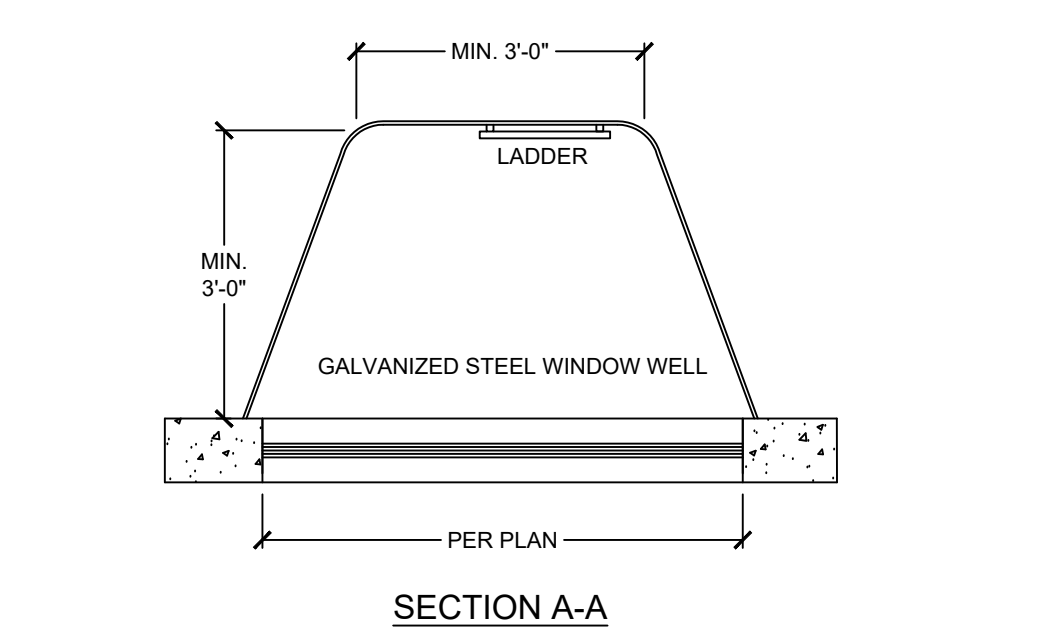
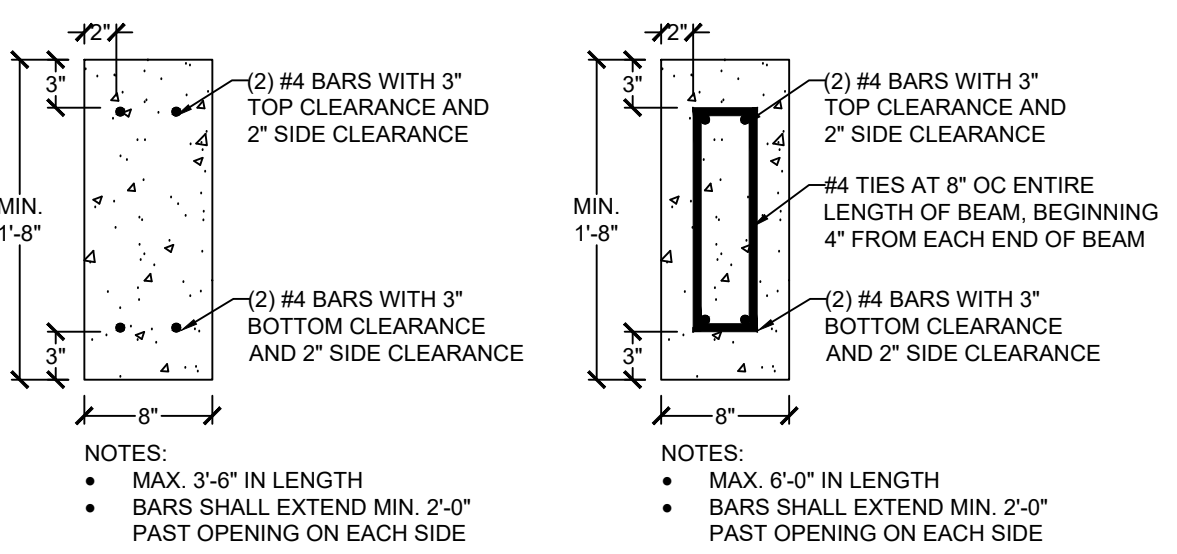
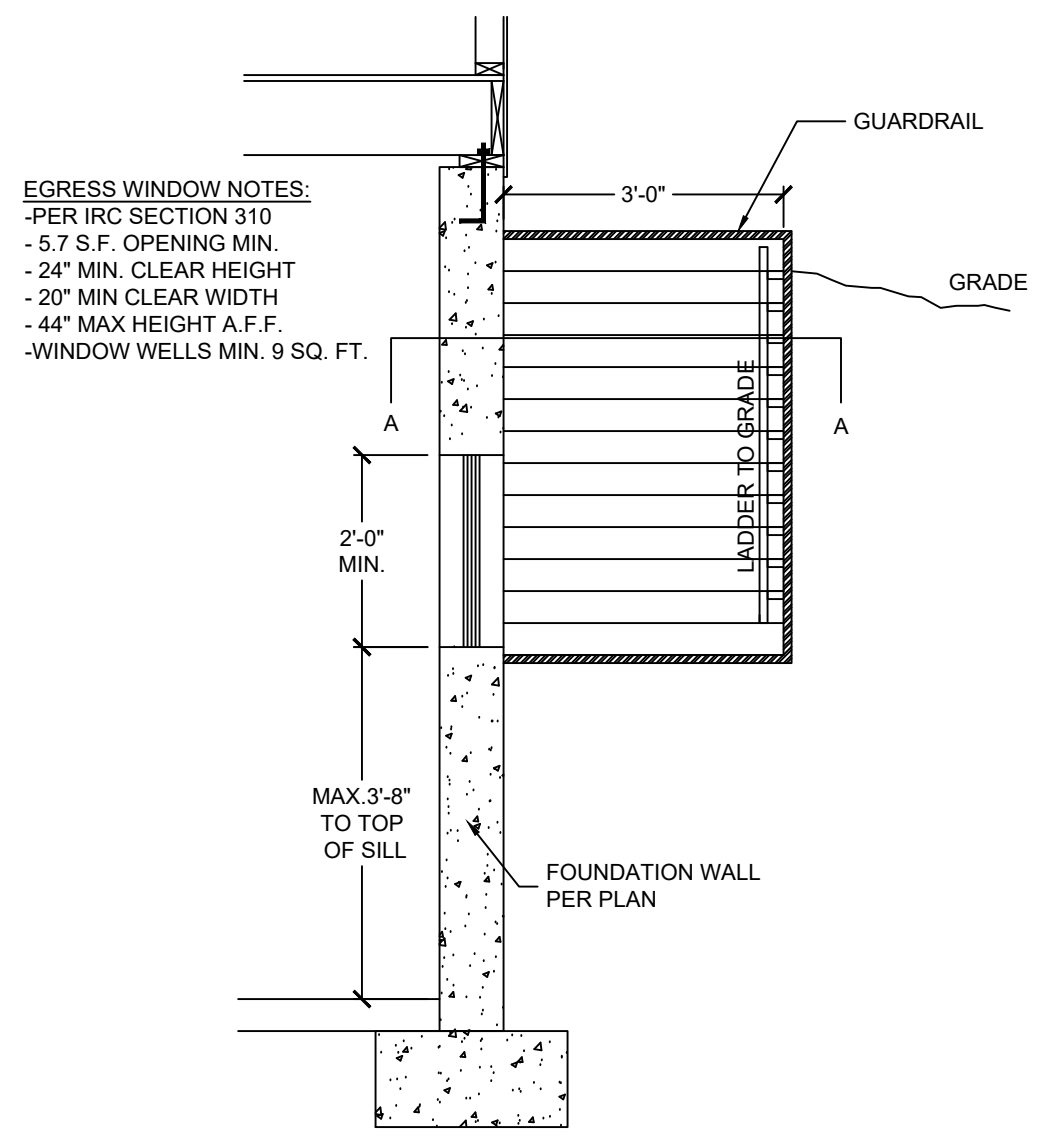
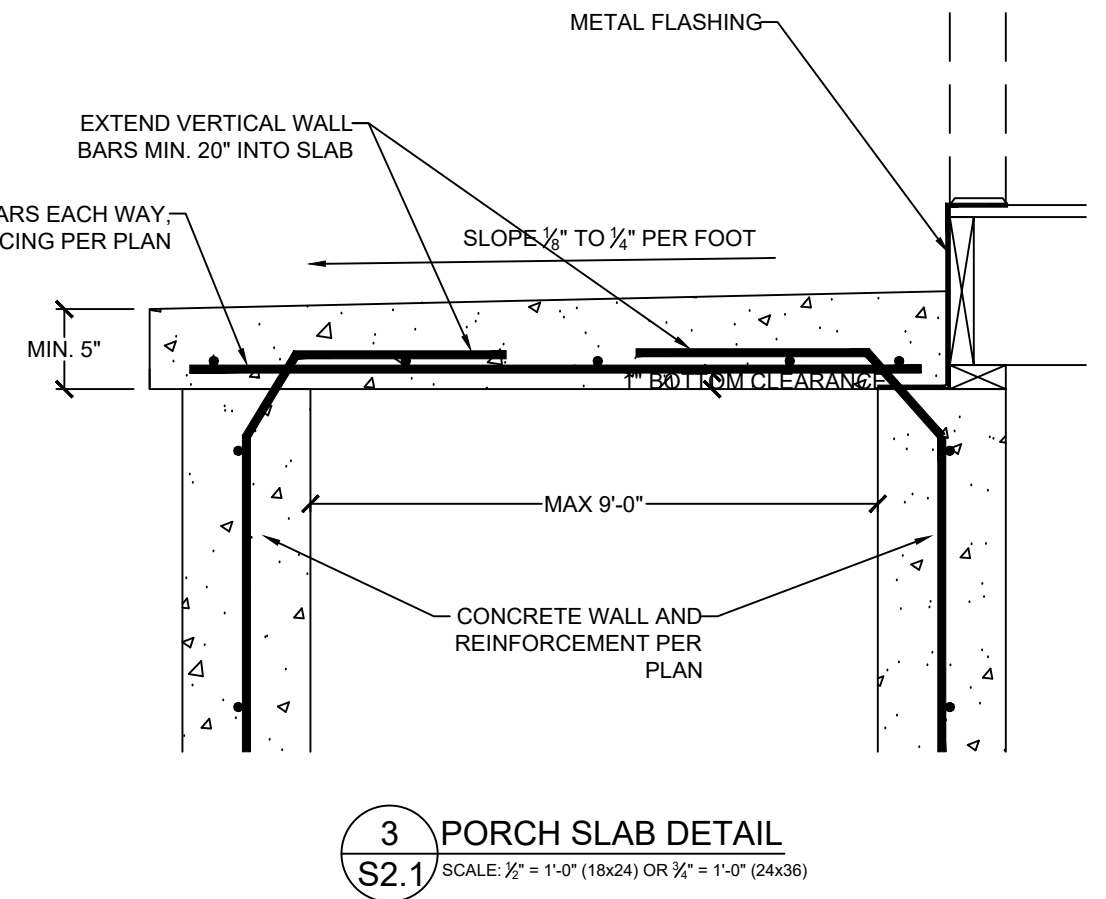
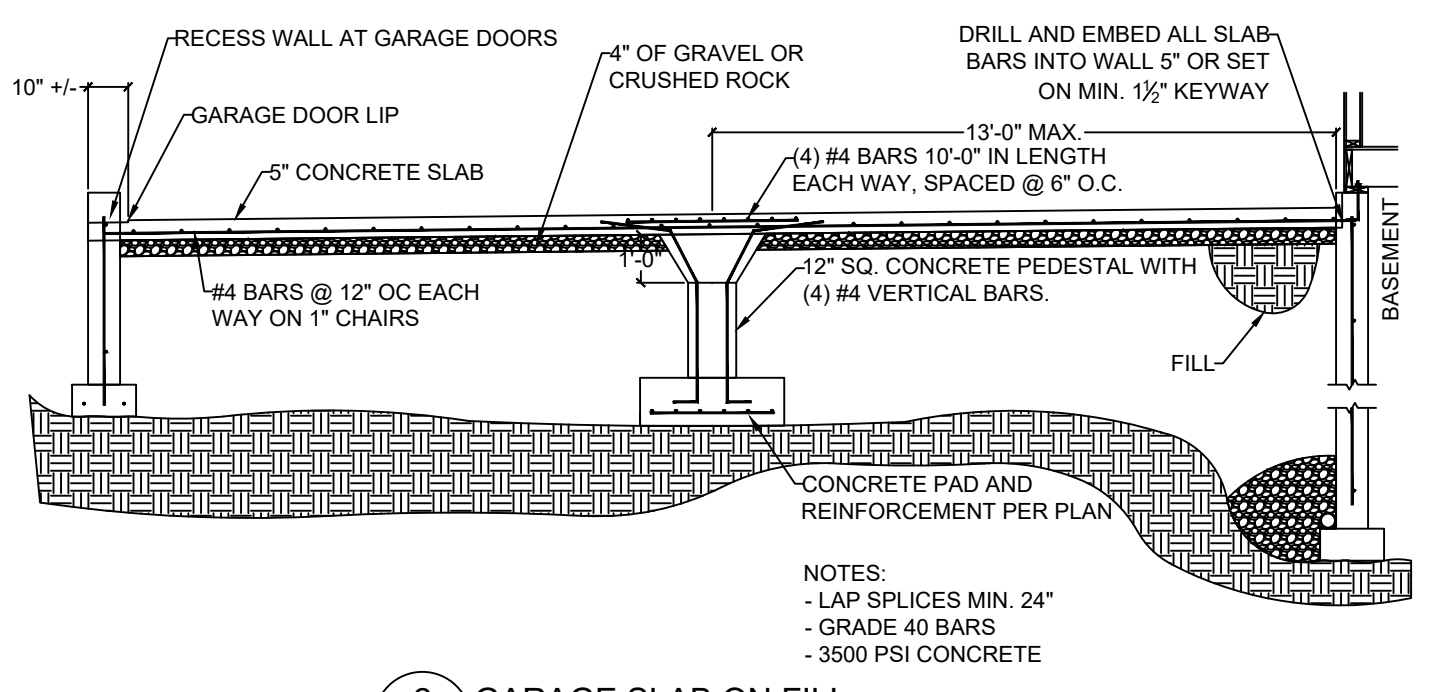
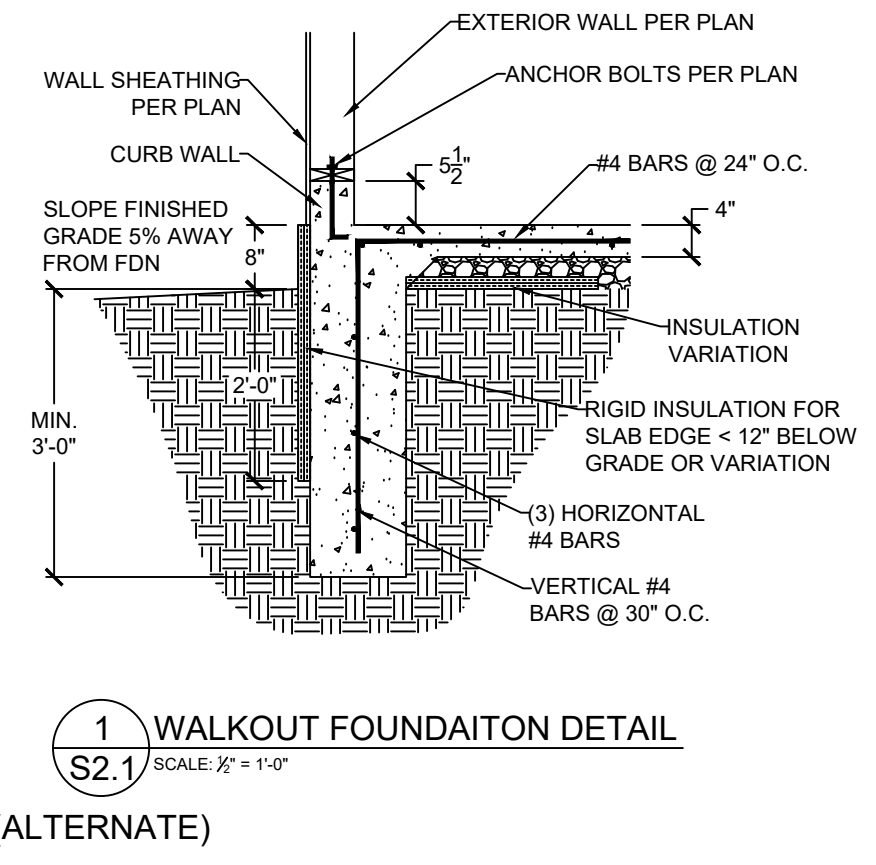
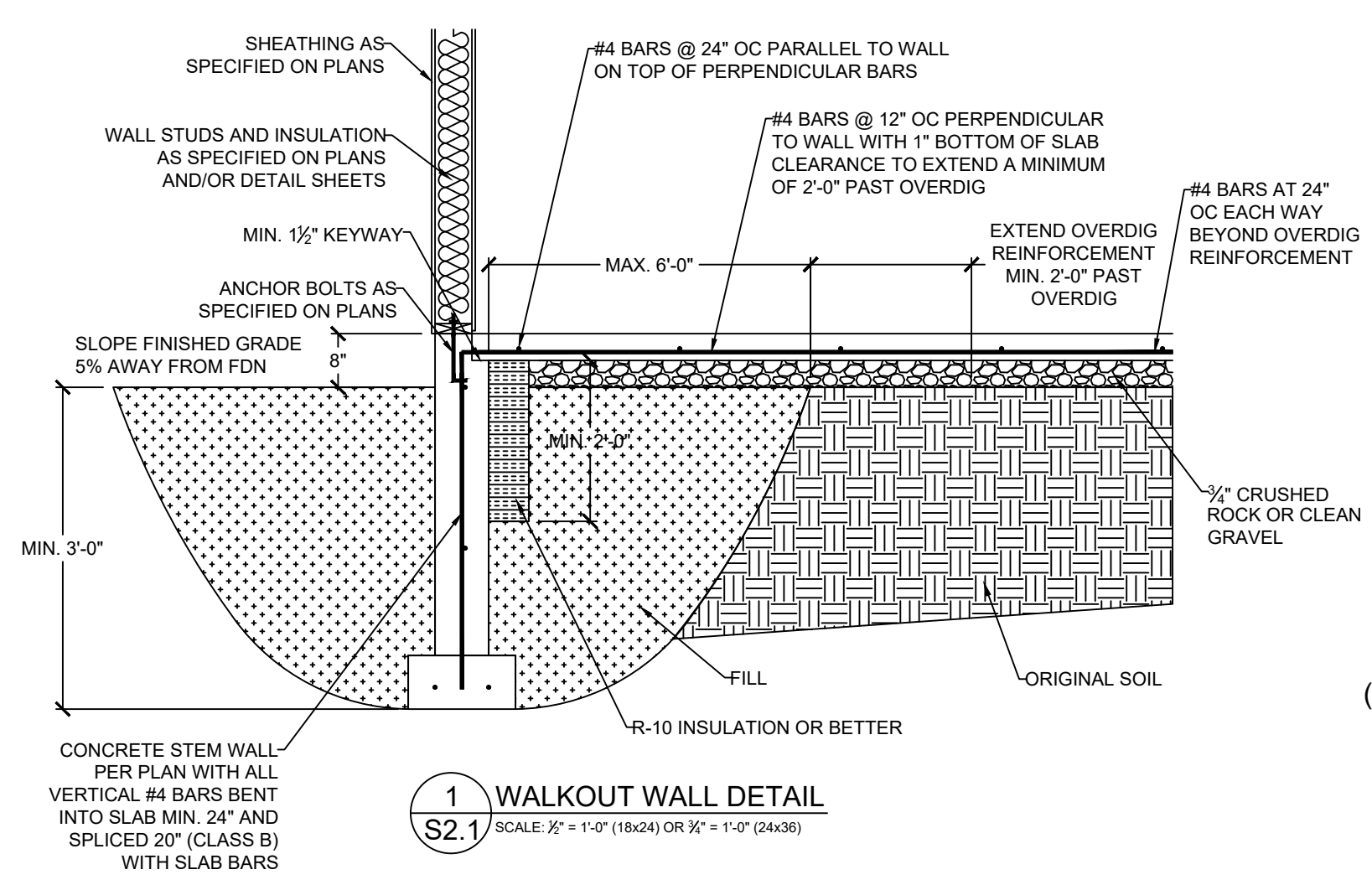
ENGINEERING, LLC

09/17/2020

14718 NW DELIA STREET * PORTLAND, OREGON 97229

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EMAIL: DENNIS@VISTASTRUCTURAL.COM



CLIENT: IQ CONSTRUCTION

JOB TITLE: EGC708 Spec - THE CATALINA LOT 708, EAGLE CREEK

LOCATION: LEE'S SUMMIT, MISSOURI

STATE OF MISSOURI

DENNIS HEIER

NUMBER PE-2010001772

PROFESSIONAL ENGINEER

9-10-2020

NO.	DATE	REVISION	BY

DRAWING TITLE

FOUNDATION DETAILS

ENGINEER: DMH CHECKED BY: DMH

JOB NO. 2754 DRAWN BY: DMH

DATE: 9-10-2020

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S2.1

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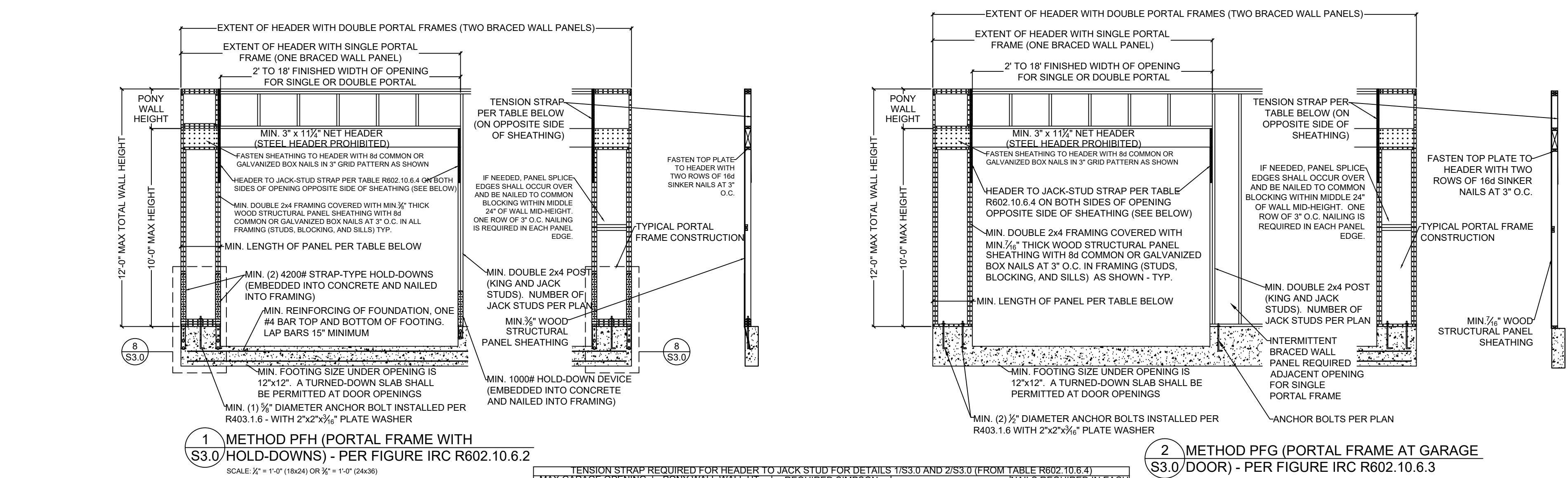
FRAMING
DETAILS

ENGINEER: DMH
JOB NO.: 2754
DATE: 9-10-2020

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SHEET NUMBER

S3.0

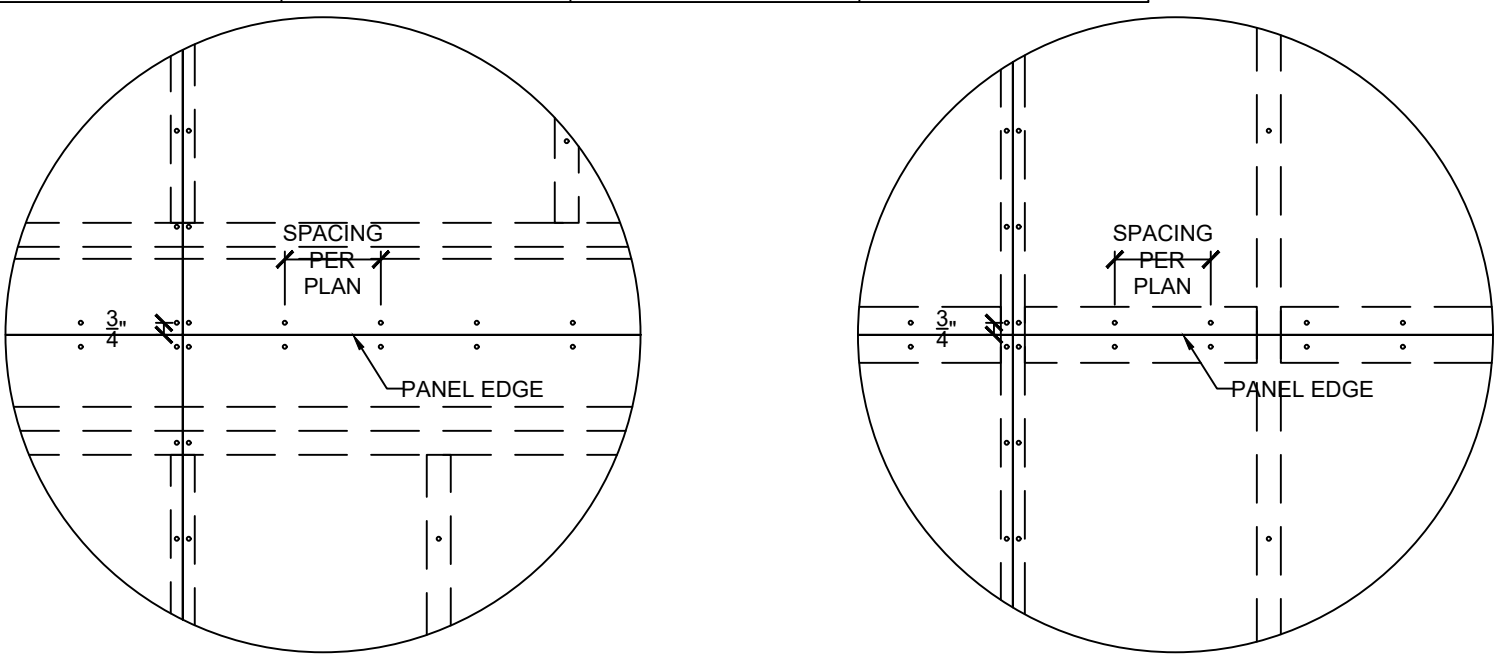
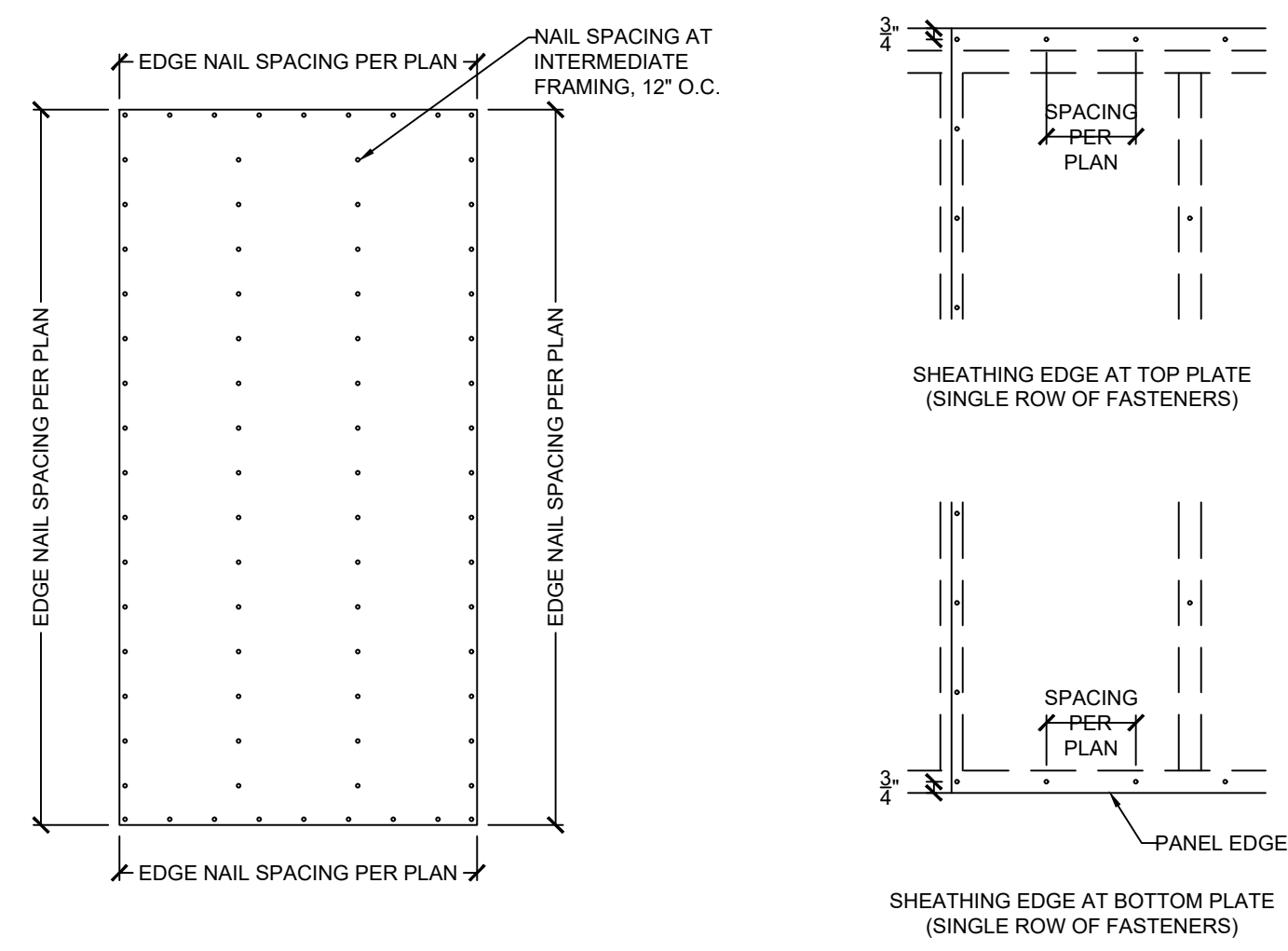


	MINIMUM PANEL LENGTH FOR DETAIL 1/S3.0 (INCHES)				
	WALL HEIGHT				
	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET
SUPPORTING ROOF ONLY	16	16	16	18	20
SUPPORTING ONE STORY AND ROOF	24	24	24	27	29

MAX GARAGE OPENING (FT.)	PONY WALL HT. (FT.)	REQUIRED SIMPSON STRAP	MIN. STRAP END LENGTH	NAILS REQUIRED IN EACH STRAP END LENGTH
18'-0"	0'-0"	CS20	0'-9"	(7) 8d
9'-0"	1'-0"	CS20	0'-9"	(7) 8d
18'-0"	1'-0"	CS14	1'-4"	(15) 8d
9'-0"	2'-0"	CS18	0'-11"	(9) 8d
18'-0"	2'-0"	CMSTC16	1'-8"	(25) 16d SINKER
9'-0"	4'-0"	CMSTC16	1'-8"	(25) 16d SINKER
16'-0"	4'-0"	CMST14	2'-6"	(33) 10d

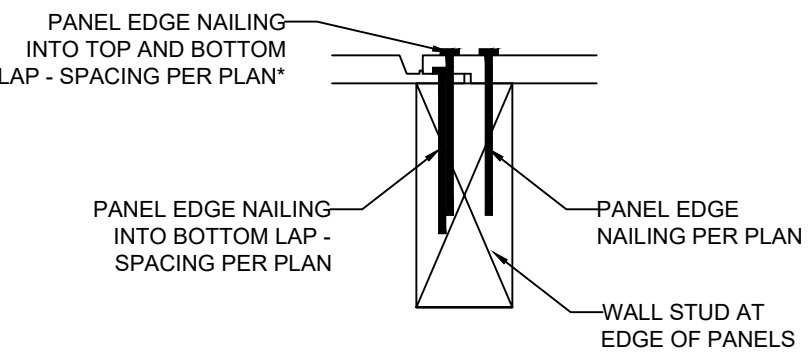
MINIMUM PANEL LENGTH FOR DETAIL 2/S3.0 (INCHES)				
WALL HEIGHT				
8 FEET	9 FEET	10 FEET	11 FEET	12 FEET
24	27	30	33 ^a	36 ^a

a. Maximum opening height for PFG is 10 feet in accordance with Figure R602.10.6.3, but wall height may be increased to 12 feet with pony wall



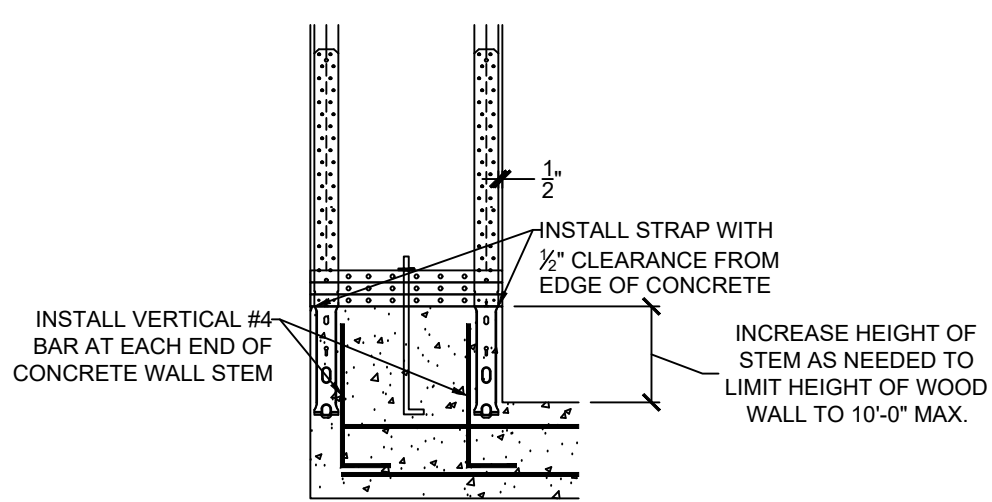
5 SHEATHING EDGE AT HORIZONTAL FRAMING MEMBER
SCALE: 1" = 1'-0" (18x24) OR 1/2" = 1'-0" (24x36)

6 SHEATHING EDGE AT PANEL SPLICE ACROSS STUDS
SCALE: 1" = 1'-0" (18x24) OR 1/2" = 1'-0" (24x36)



*NOTE: NAILING INTO TOP AND BOTTOM LAP IS IN ADDITION TO NAILING REQUIRED INTO BOTTOM LAP. FOR EXAMPLE, IF PLAN CALLS FOR NAILS @ 6" O.C. AT EDGES, BOTTOM LAP SHALL BE FASTENED AT 6" O.C. AND, IN ADDITION, NAILING SHALL ALSO BE INSTALLED THROUGH TOP AND BOTTOM LAP @ 6" O.C. STAGGERED 3" FROM BOTTOM LAP NAILING

7 FASTENING INSTRUCTIONS FOR SHIPLAP PANEL SHEATHING
SCALE: 4" = 1'-0" (18x24) OR 6" = 1'-0" (24x36)



8 GARAGE HOLD-DOWN STRAP INSTALLATION
SCALE: 1/2" = 1'-0" (18x24) OR 3/4" = 1'-0" (24x36)

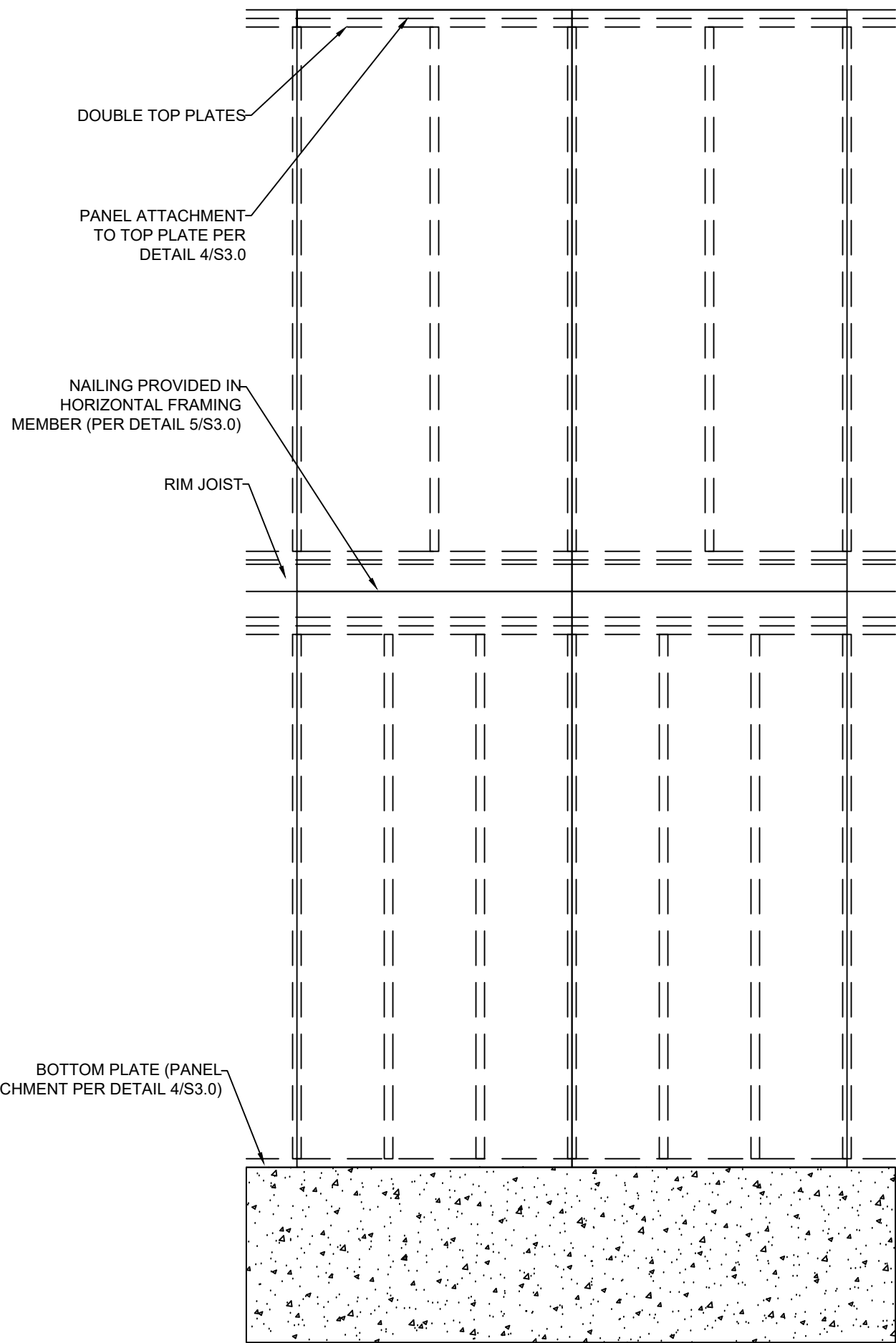


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JOB TITLE: EGC708 Spec - THE CATALINA
LOT 708, EAGLE CREEK
LOCATION: LEE'S SUMMIT, MISSOURI

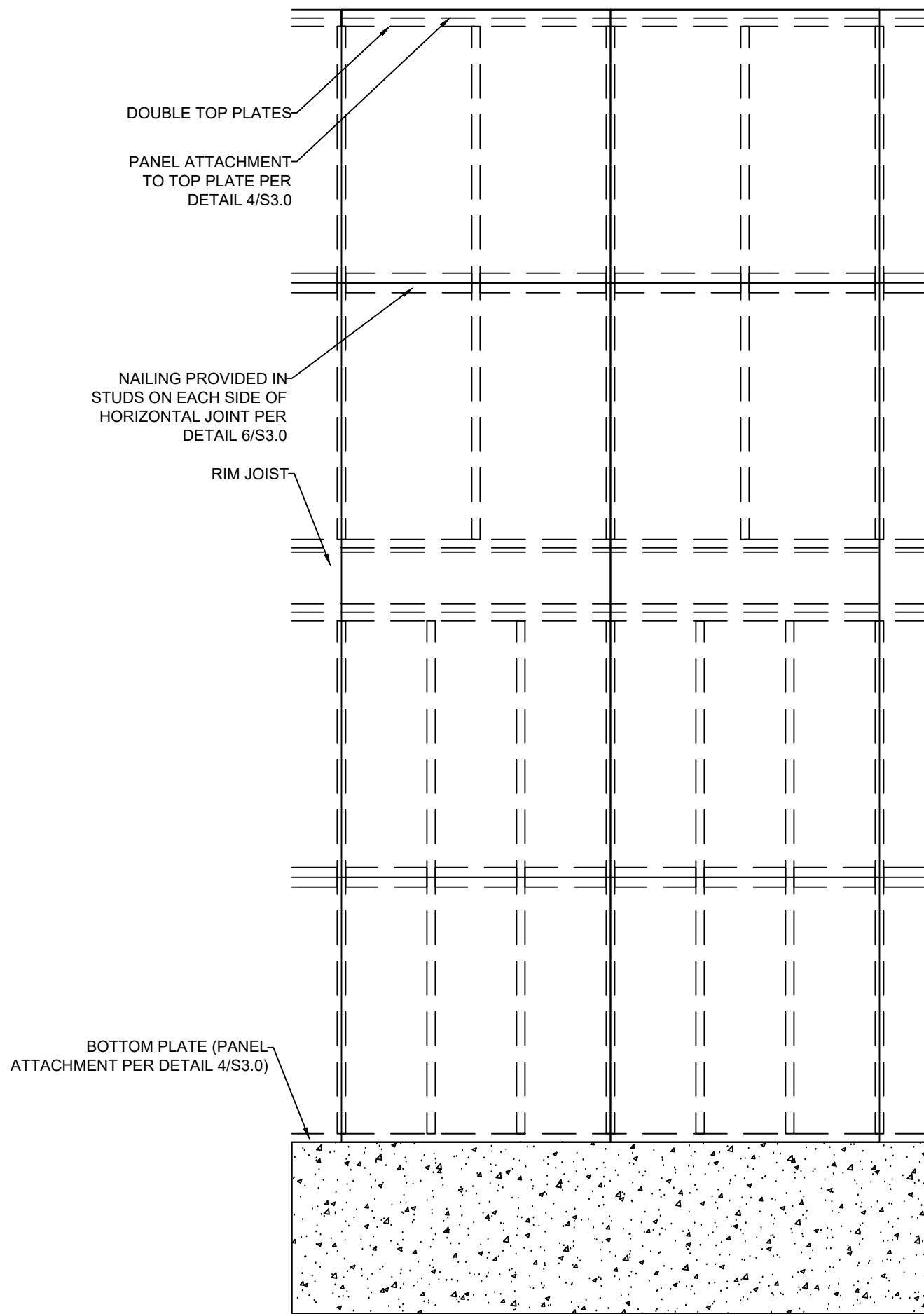


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FRAMING DETAILS			
ENGINEER: DMH		CHECKED BY: DMH	
JOB NO. 2754		DRAWN BY: DMH	
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S3.1

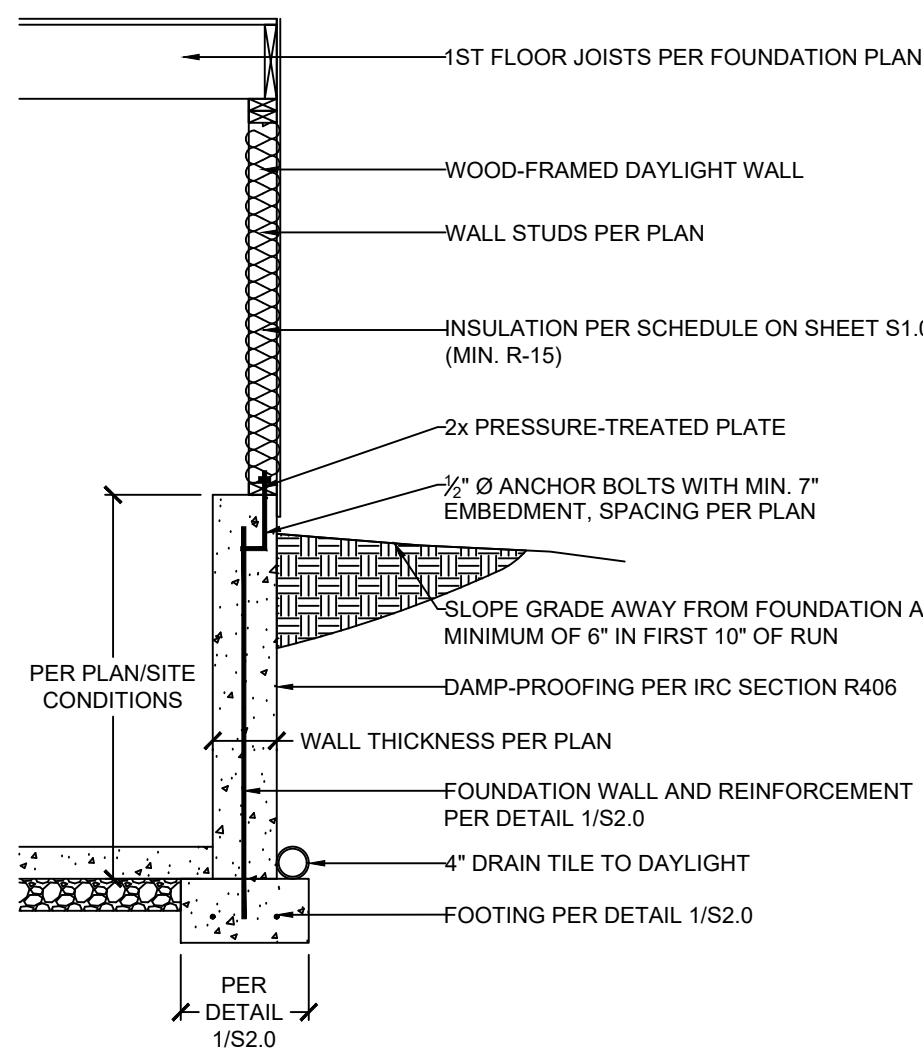


1 EXTERIOR WALL SHEATHING PANEL ATTACHMENT
S3.1 PANEL SPLICE OVER HORIZONTAL FRAMING MEMBER
SCALE: $\frac{1}{2}" = 1'-0"$ (18x24) OR $\frac{3}{4}" = 1'-0"$ (24x36)

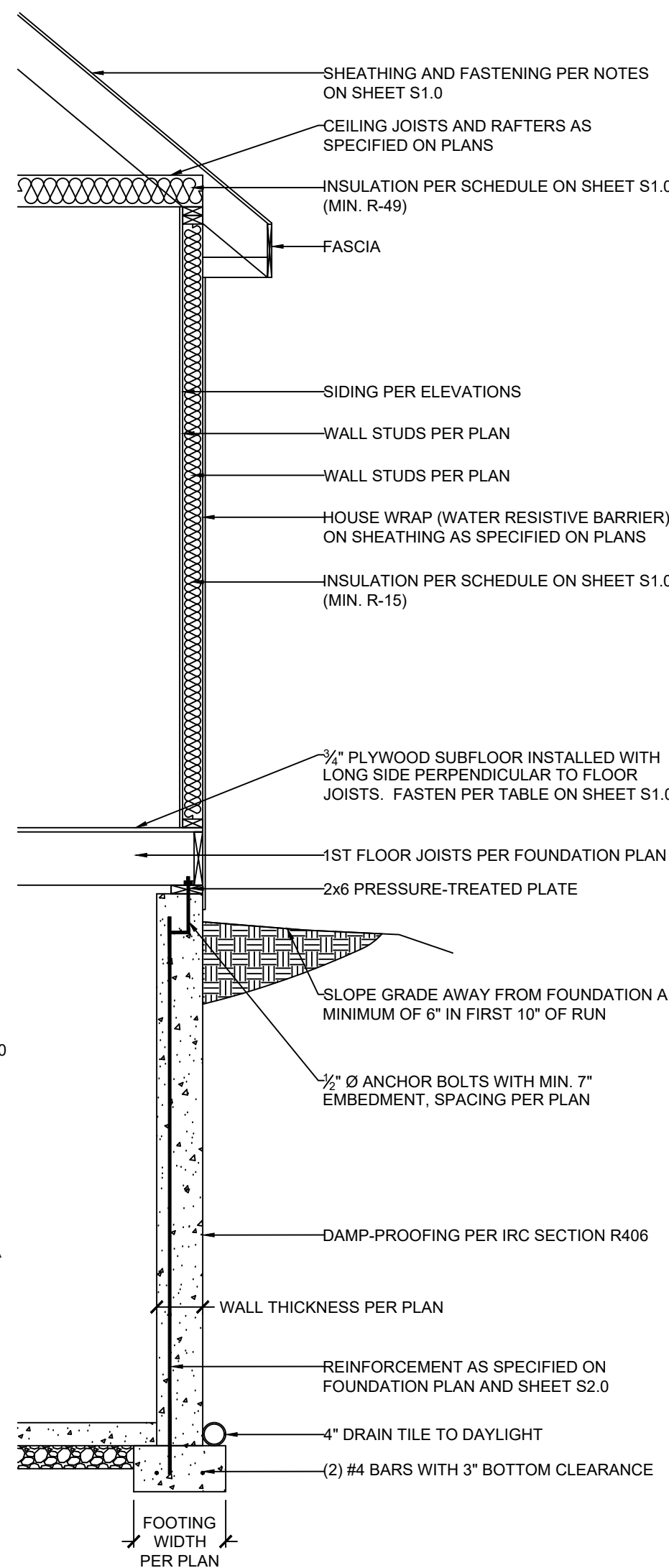


2 EXTERIOR WALL SHEATHING PANEL ATTACHMENT
S3.1 PANEL SPLICE OCCURRING ACROSS STUDS
SCALE: $\frac{1}{2}" = 1'-0"$ (18x24) OR $\frac{3}{4}" = 1'-0"$ (24x36)

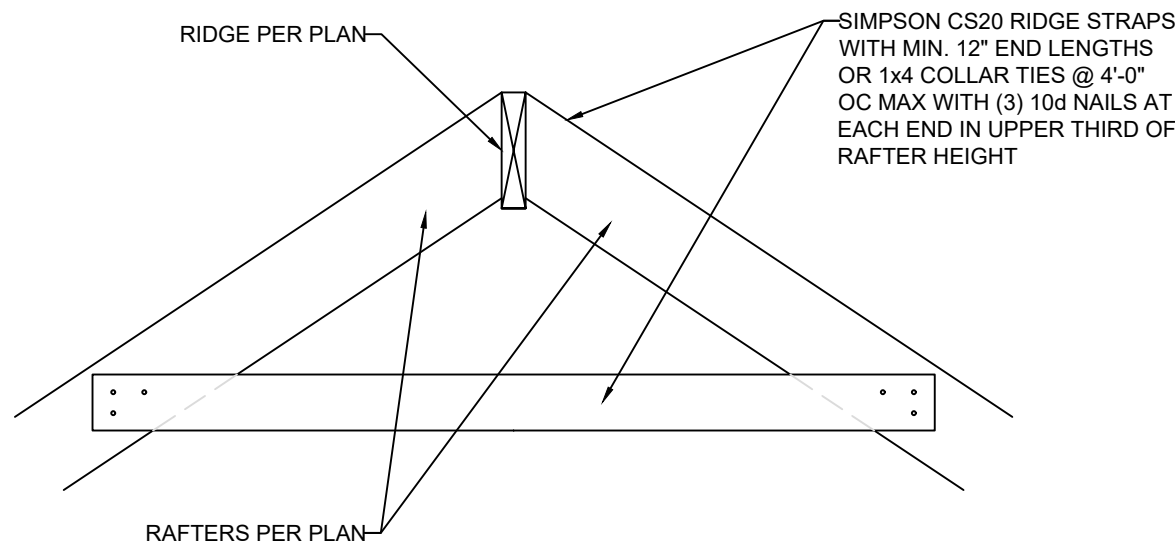
3 EXTERIOR WALL SECTION
S3.1 SCALE: $\frac{1}{2}" = 1'-0"$ (18x24) OR $\frac{3}{4}" = 1'-0"$ (24x36)



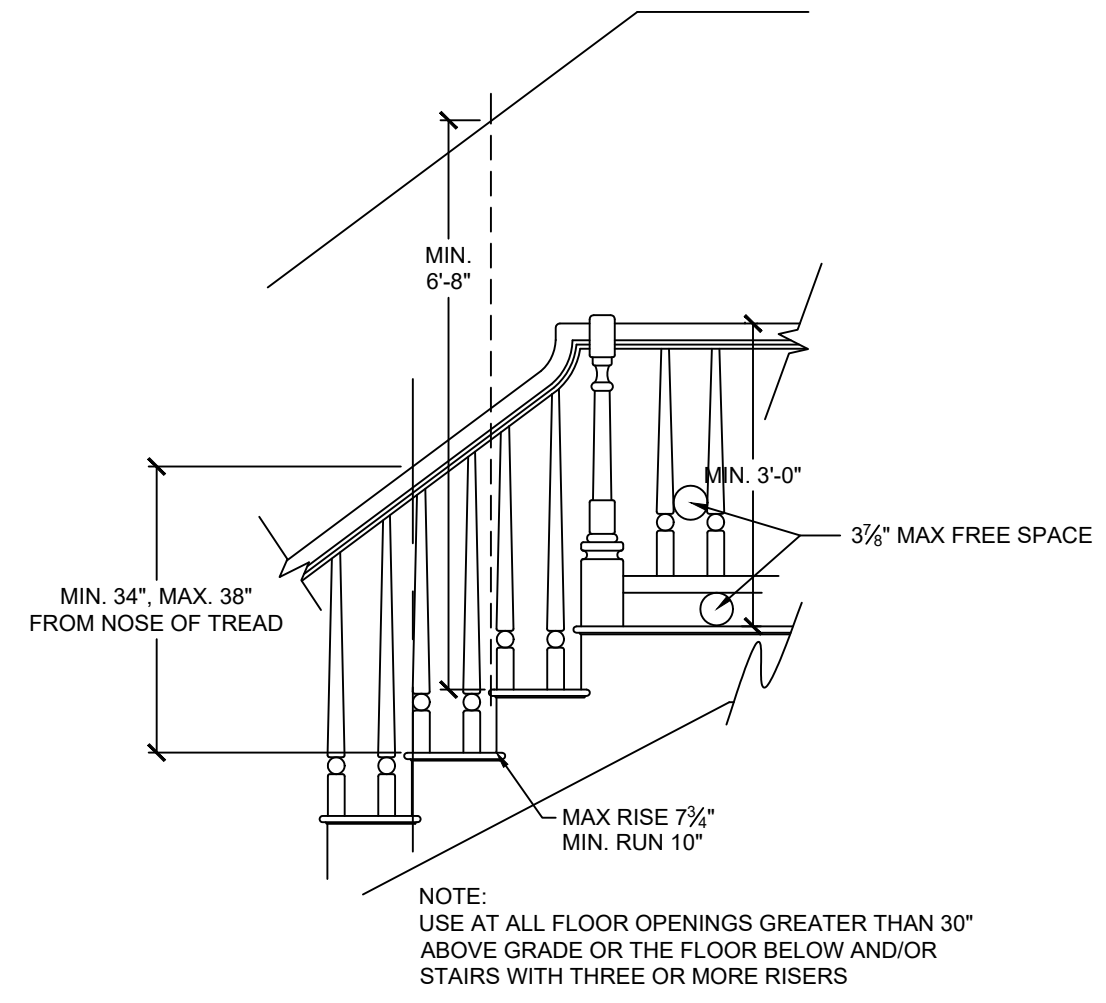
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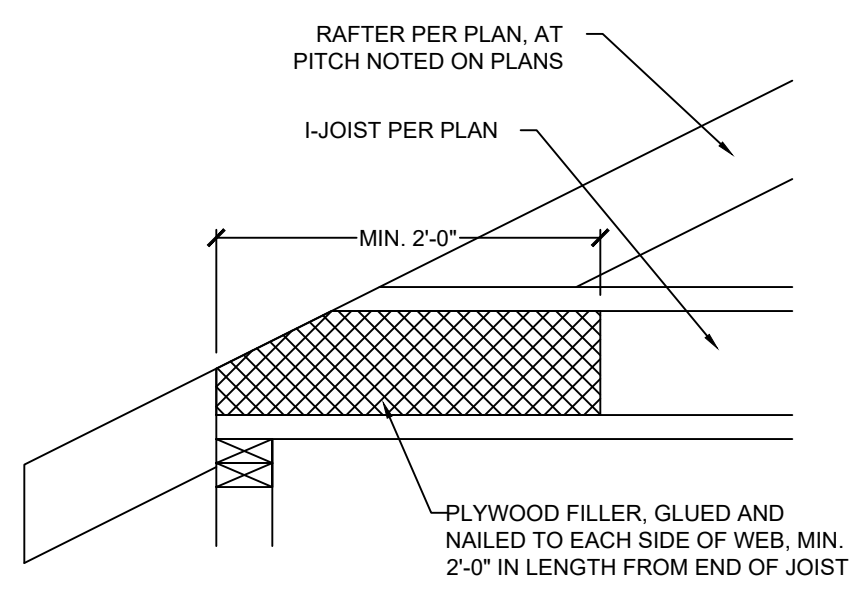
FULL-HEIGHT CONCRETE WALL OPTION



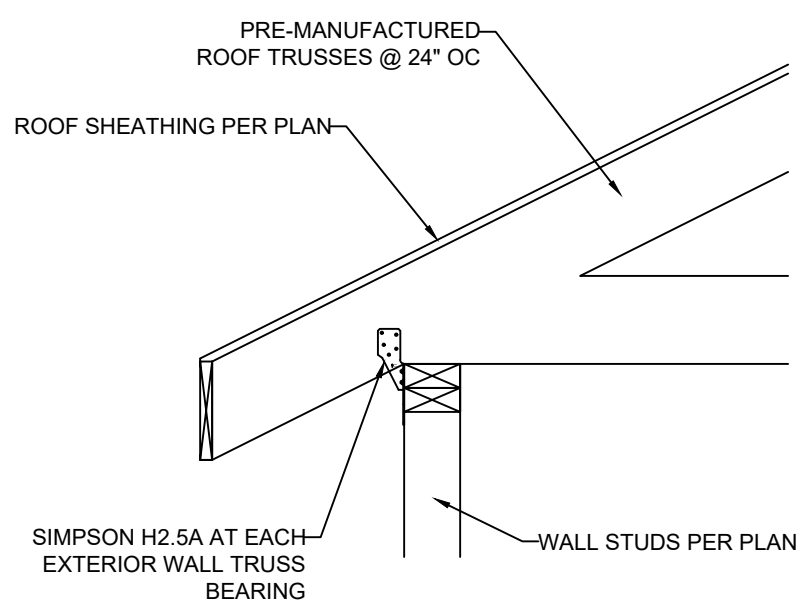
1 RIDGE FRAMING DETAIL
S3.2 SCALE: 1" = 1'-0" (18x24) OR 1/2" = 1'-0" (24x36)



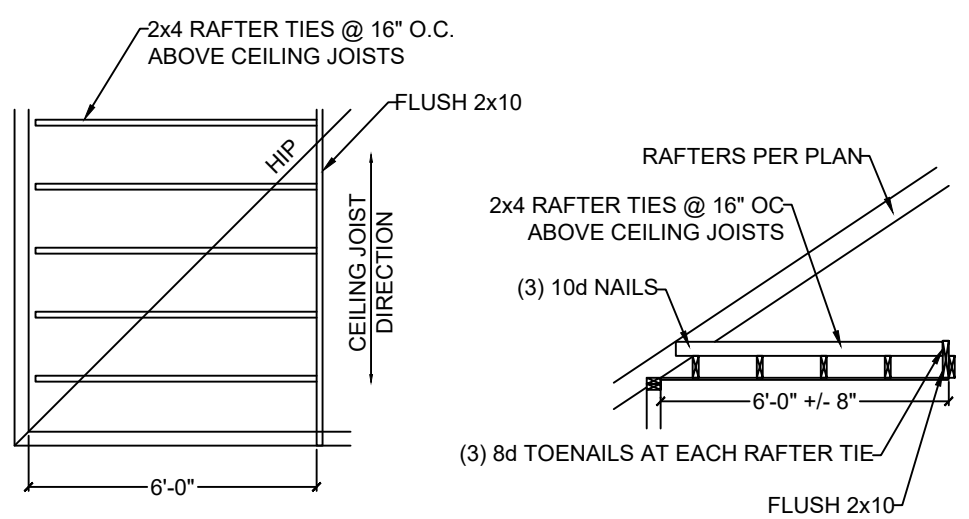
4 STAIR AND HANDRAIL/GUARDRAIL DETAIL
S3.2 SCALE: 1/2" = 1'-0" (18x24) OR 3/8" = 1'-0" (24x36)



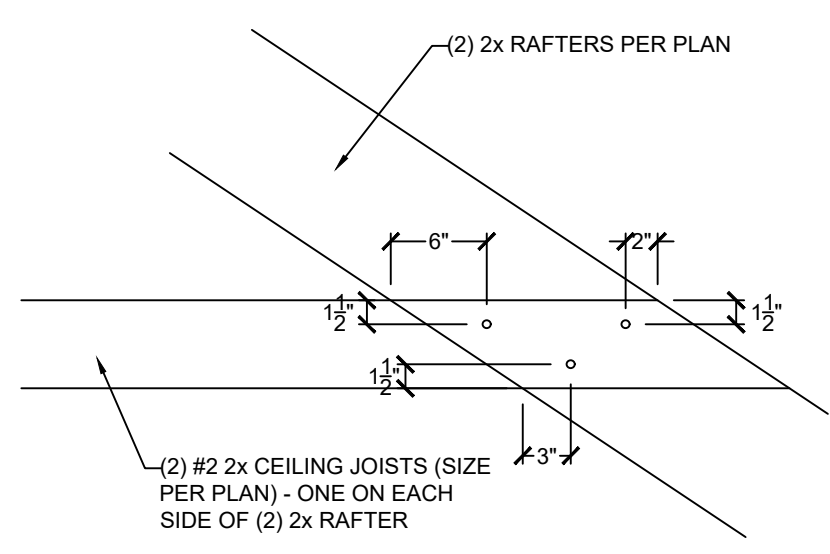
9 COPED I-JOIST REINFORCEMENT
S3.2 SCALE: 1" = 1'-0" (18x24) OR 1/2" = 1'-0" (24x36)



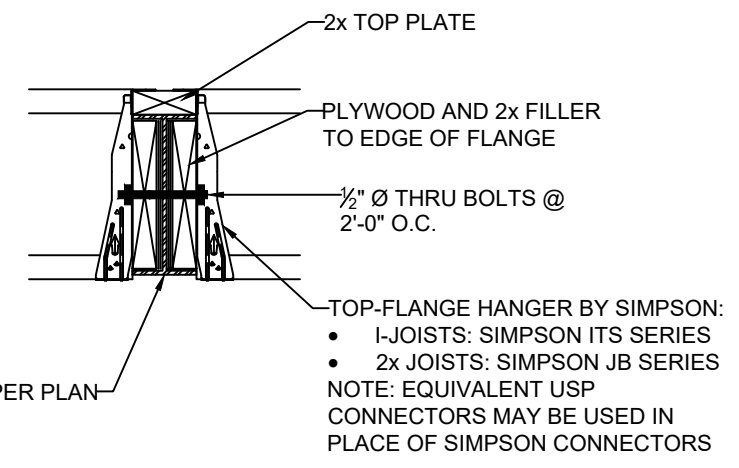
2 TRUSS CONNECTION TO EXT. WALL BEARING
S3.2 SCALE: 1" = 1'-0" (18x24) OR 1/2" = 1'-0" (24x36)



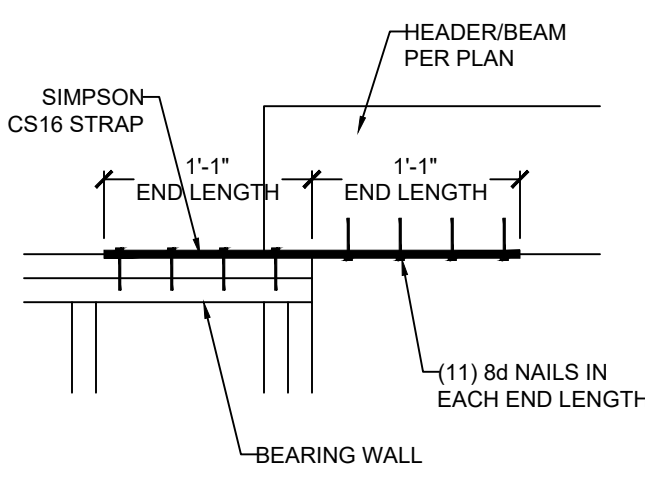
5 RAFTER TIES AT CEILING JOISTS PERP. TO RAFTERS
S3.2 SCALE: 1/2" = 1'-0" (18x24) OR 3/8" = 1'-0" (24x36)



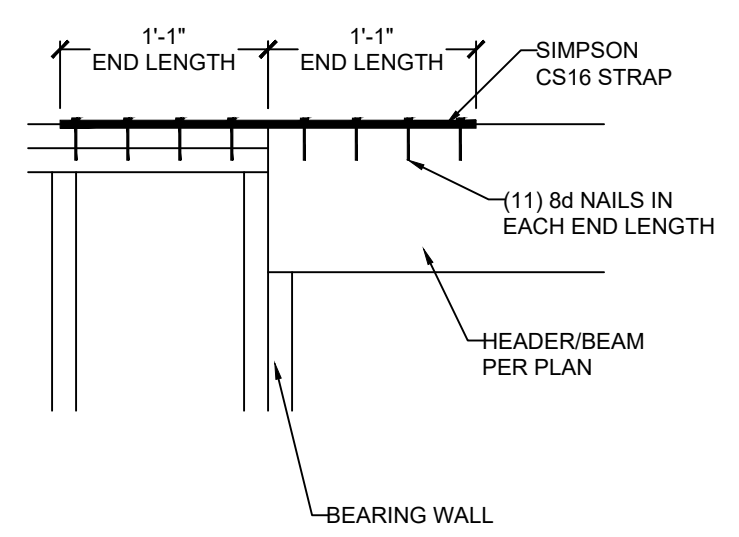
6 FIELD-CONSTRUCTED A-FRAME DETAIL
S3.2 SCALE: 1" = 1'-0" (18x24) OR 1/2" = 1'-0" (24x36)



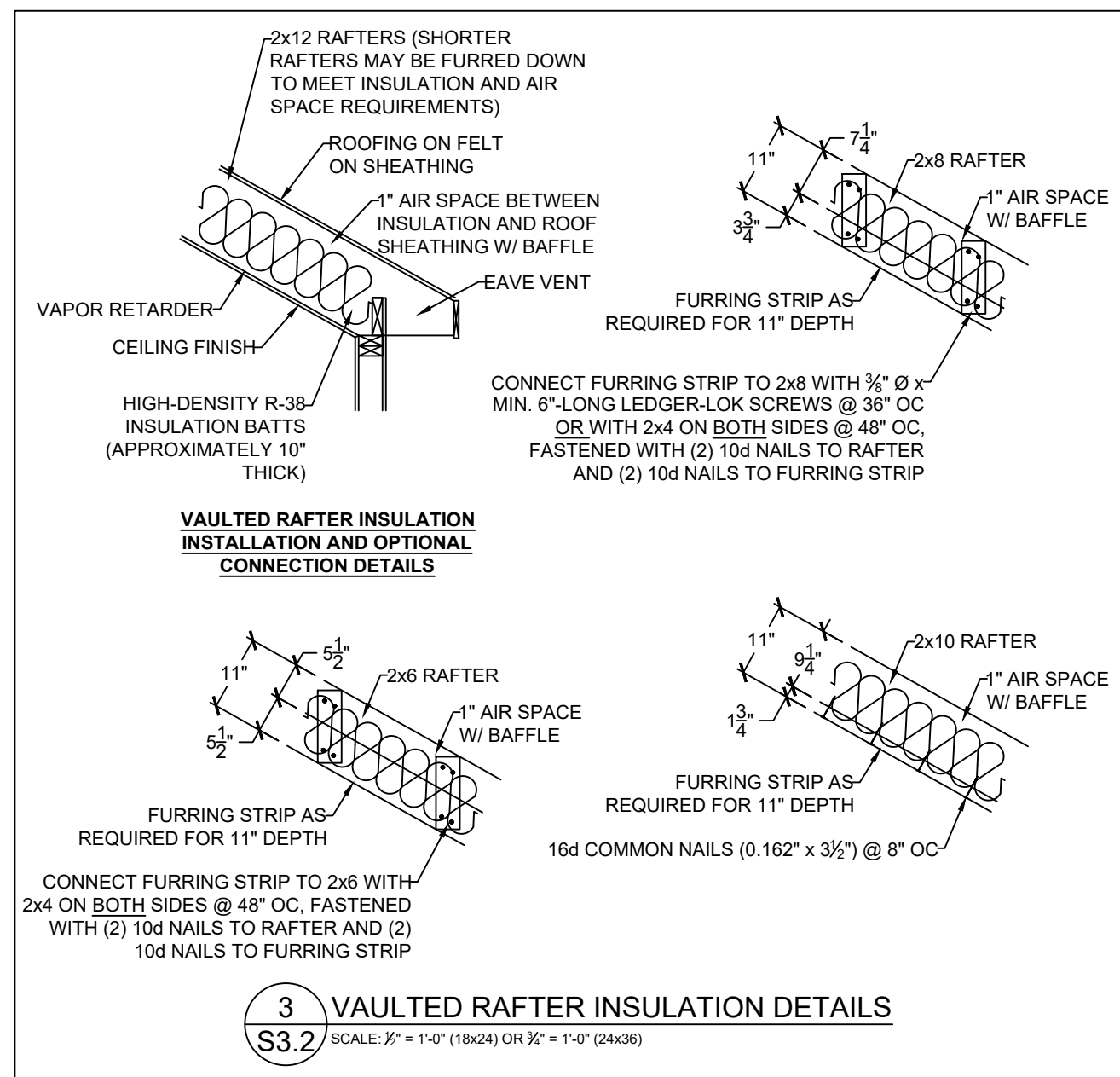
7 FLOOR JOIST TO FLUSH STEEL BEAM DETAIL
S3.2 SCALE: 1" = 1'-0" (18x24) OR 1/2" = 1'-0" (24x36)



10 HEADER/BEAM CONNECTION OPTIONS AT OUTDOOR/OPEN SPACE
S3.2 SCALE: 1" = 1'-0" (18x24) OR 1/2" = 1'-0" (24x36)



8 MAXIMUM ALLOWABLE LENGTH OF WOOD WALL STUDS (IRC TABLE 602.3.1)
S3.2



3 VAULTED RAFTER INSULATION DETAILS
S3.2 SCALE: 1/2" = 1'-0" (18x24) OR 3/4" = 1'-0" (24x36)

HEIGHT (FT.)	SPACING (INCHES O.C.)			
	24	16	12	8
SUPPORTING A ROOF ONLY				
10 OR LESS	2x4	2x4	2x4	2x4
12	2x6	2x4	2x4	2x4
14	2x6	2x6	2x6	2x4
16	2x6	2x6	2x6	2x4
18	DR	2x6	2x6	2x6
20	DR	DR	2x6	2x6
SUPPORTING ONE FLOOR AND A ROOF				
10 OR LESS	2x6	2x4	2x4	2x4
12	2x6	2x6	2x6	2x4
14	2x6	2x6	2x6	2x6
16	DR	2x6	2x6	2x6
18	DR	2x6	2x6	2x6
20	DR	DR	2x6	2x6
SUPPORTING TWO FLOORS AND A ROOF				
10 OR LESS	2x6	2x6	2x4	2x4
12	2x6	2x6	2x6	2x6
14	2x6	2x6	2x6	2x6
16	DR	2x6	2x6	2x6
18	DR	DR	2x6	2x6
20	DR	DR	DR	2x6

NOTES:
 1) DR = DESIGN REQUIRED
 2) UTILITY, STANDARD, STUD AND #3 GRADE LUMBER OF ANY SPECIES ARE NOT PERMITTED
 3) THIS TABLE DOES NOT APPLY FOR STUDS SUPPORTING MEMBERS WITH A TRIB. LENGTH GREATER THAN 6'-0"

RELEASE FOR CONSTRUCTION
 AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES
 LEE'S SUMMIT, MISSOURI

VISTA-STRUCTURAL-ENGINEERING, LLC
 09/17/2020
 14718 NW DELIA STREET * PORTLAND, OREGON 97229
 OFFICE: 971.645.0901 * MOBILE: 971.645.0901
 EMAIL: DENNIS@VISTASTRUCTURAL.COM

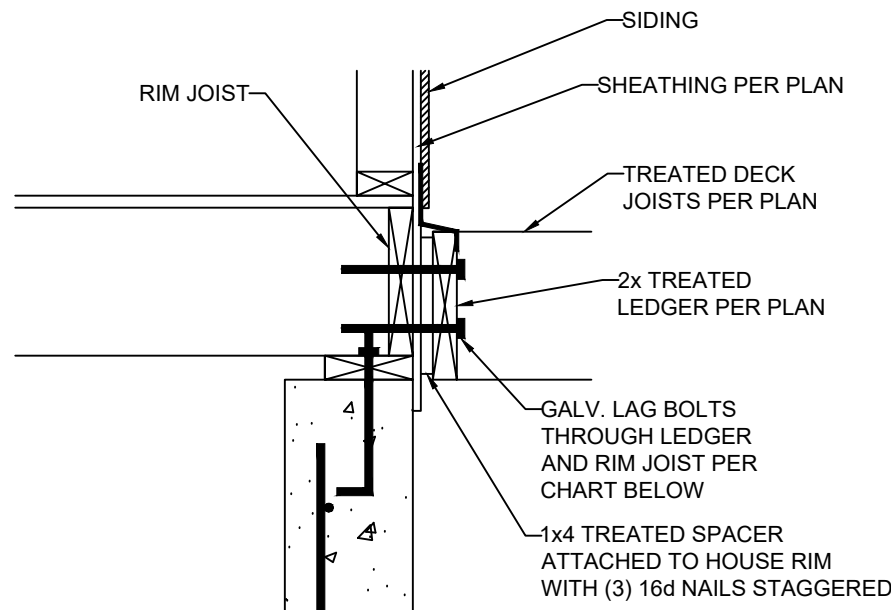
CLIENT: IQ CONSTRUCTION
 JOB TITLE: EGC708 Spec - THE CATALINA LOT 708, EAGLE CREEK
 LOCATION: LEE'S SUMMIT, MISSOURI

STATE OF MISSOURI
 DENNIS HEIER
 NUMBER: PE-2010001772
 PROFESSIONAL ENGINEER
 9-10-2020

NO.	DATE	REVISION	BY

DRAWING TITLE
FRAMING DETAILS

ENGINEER: DMH CHECKED BY: DMH
 JOB NO. 2754 DRAWN BY: DMH
 DATE: 9-10-2020
 SHEET NUMBER
S3.2

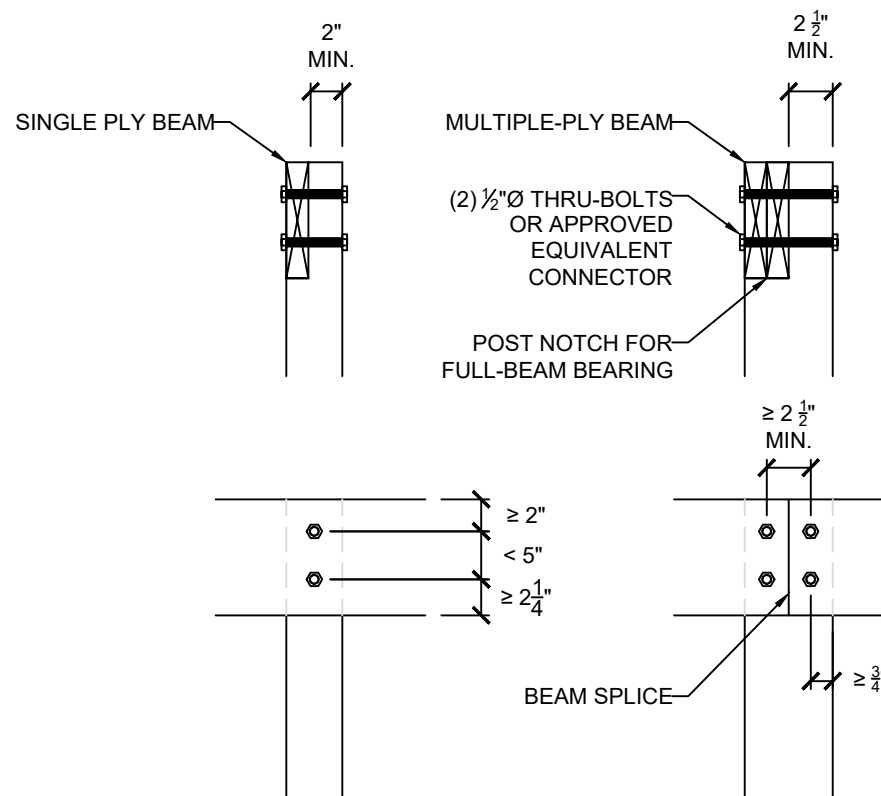


DECK LEDGER ATTACHMENT GUIDE

DECK JOIST SPAN	$\frac{1}{2}$ " \varnothing GALV. LAG OR $\frac{3}{8}$ " \varnothing LEDGER-LOK SPACING
10'-0" OR LESS	16" OC
10'-0" - 13'-11"	12" OC OR @ 16" OC DOUBLED EVERY OTHER
14'-0" - 18'-0"	8" OC OR @ 16" OC DOUBLED

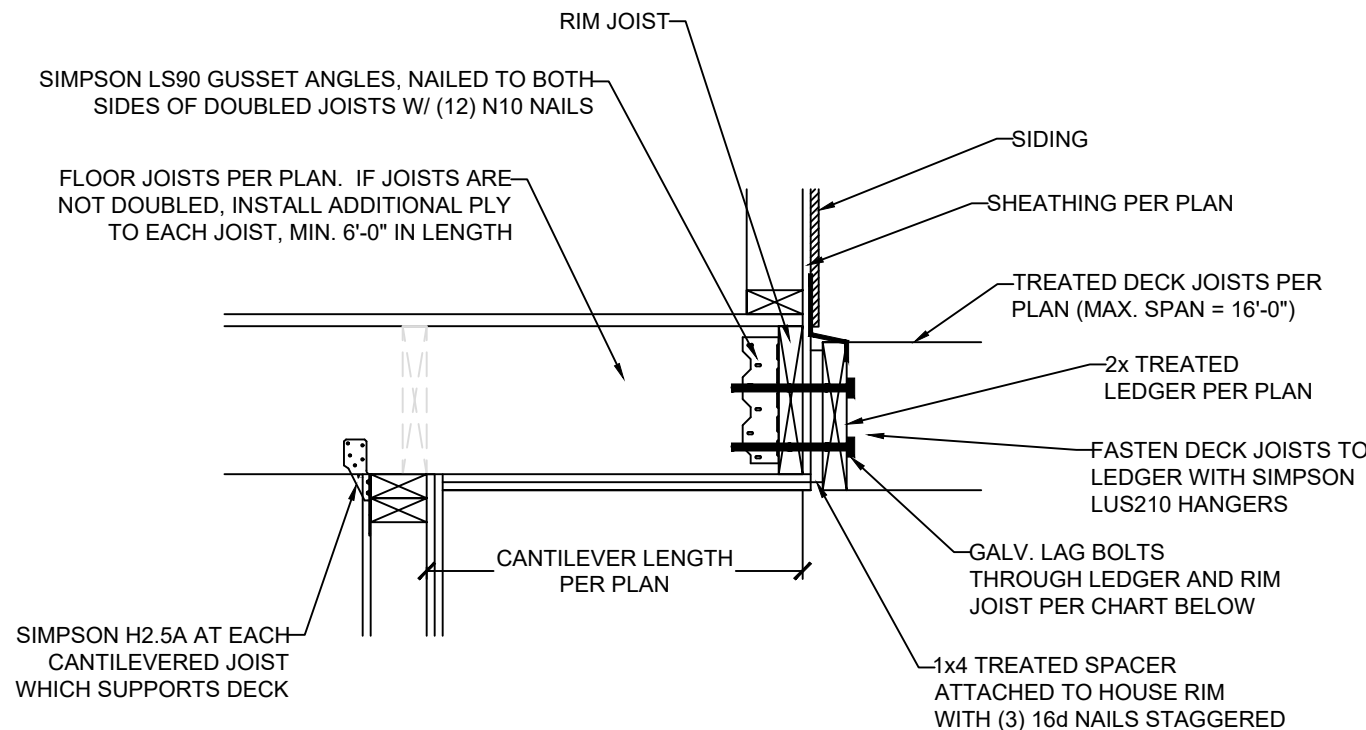
1 LEDGER ATTACHMENT

SCALE: 1" = 1'-0" (18x24) OR $\frac{1}{2}$ " = 1'-0" (24x36)



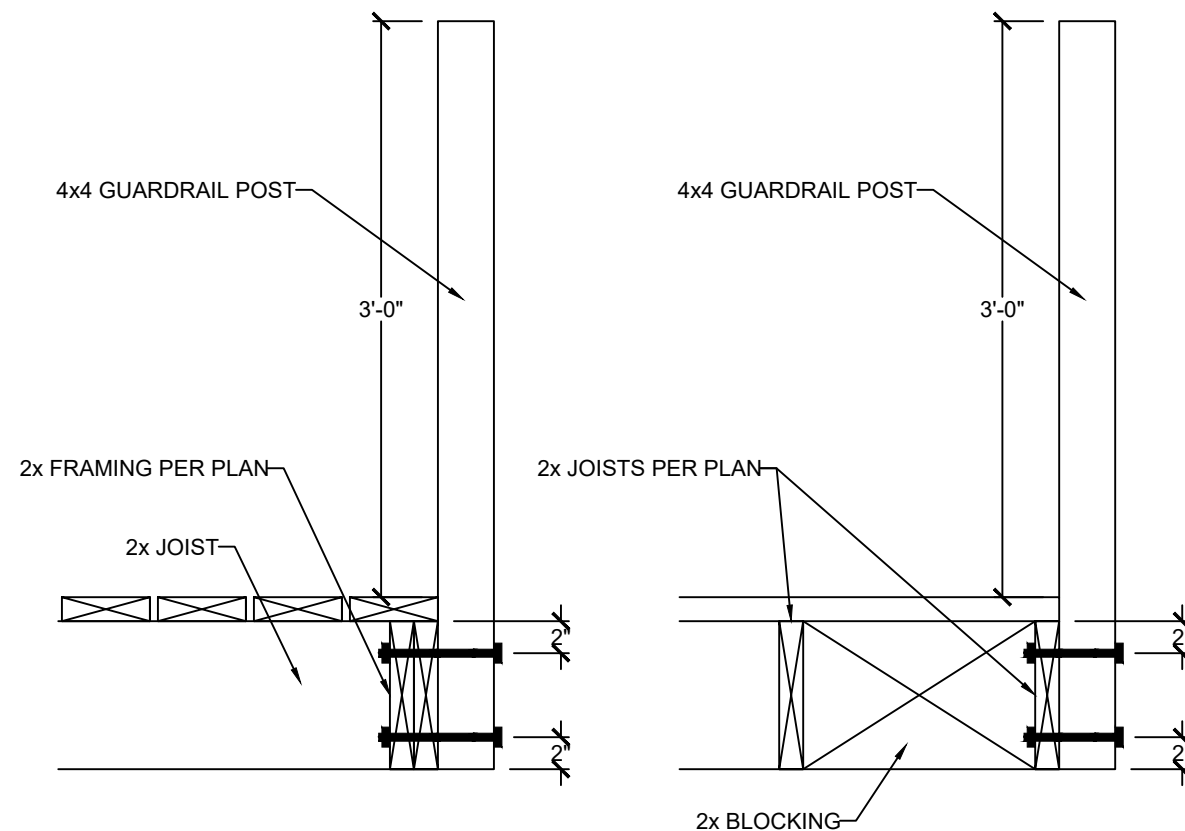
5 LET-IN (COVERED) DECK BEAM CONNECTION

SCALE: 1" = 1'-0" (18x24) OR $\frac{1}{2}$ " = 1'-0" (24x36)



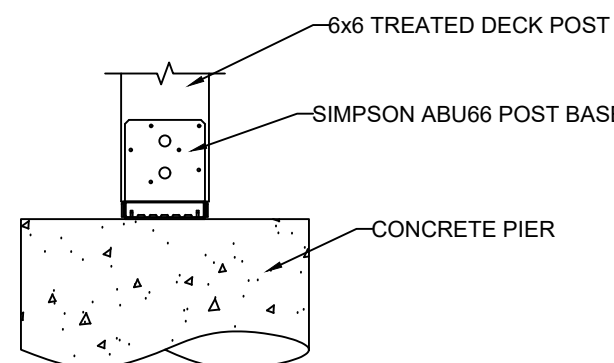
2 CANTILEVER WITH DECK ATTACHMENT

SCALE: 1" = 1'-0" (18x24) OR $\frac{1}{2}$ " = 1'-0" (24x36)



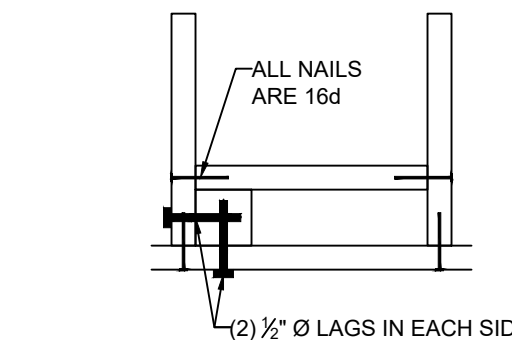
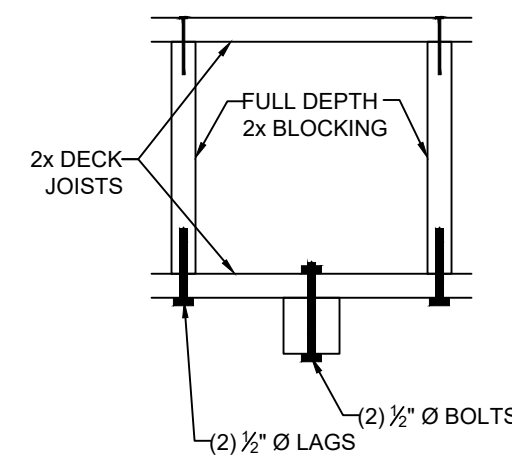
6 GUARDRAIL CONNECTION

SCALE: 1" = 1'-0" (18x24) OR $\frac{1}{2}$ " = 1'-0" (24x36)



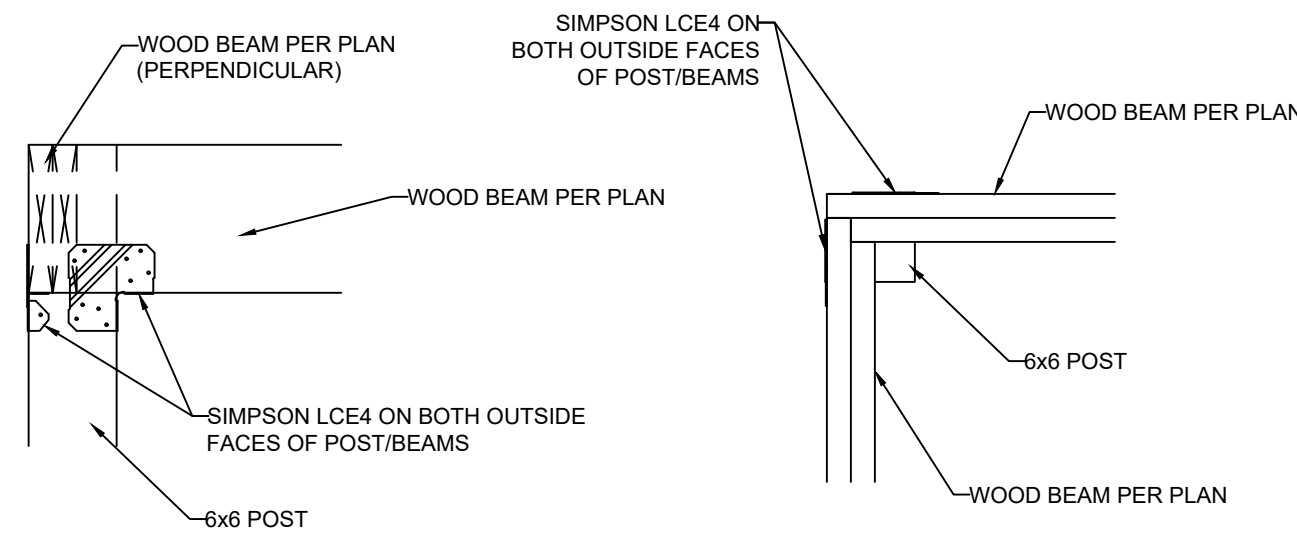
3 DECK POST BASE

SCALE: 1" = 1'-0" (18x24) OR $\frac{1}{2}$ " = 1'-0" (24x36)



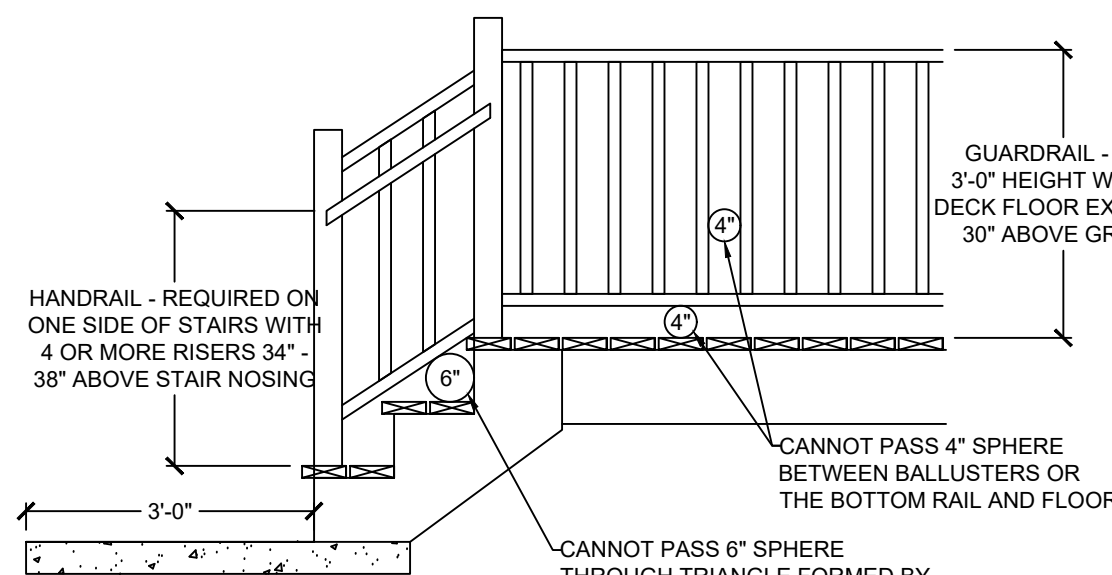
4 REINF. POST CONNECTIONS

SCALE: 1" = 1'-0" (18x24) OR $\frac{1}{2}$ " = 1'-0" (24x36)



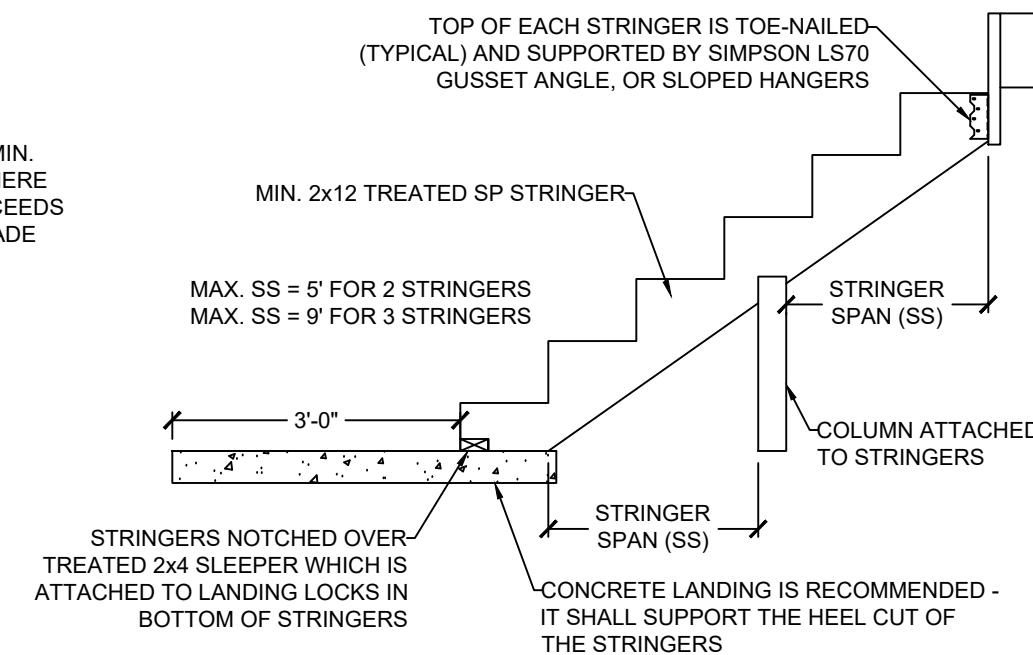
7 ALTERNATE COVERED DECK/PORCH INTERSECTION

SCALE: 1" = 1'-0" (18x24) OR $\frac{1}{2}$ " = 1'-0" (24x36)



8 GUARDRAIL DETAIL

SCALE: $\frac{1}{2}$ " = 1'-0" (18x24) OR $\frac{3}{4}$ " = 1'-0" (24x36)



9 STAIR STRINGER DETAIL (MAX. 5' STAIR WIDTH)

SCALE: $\frac{1}{2}$ " = 1'-0" (18x24) OR $\frac{3}{4}$ " = 1'-0" (24x36)

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ENGINEERING, LLC

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EMAIL: DENNIS@VISTASTRUCTURAL.COM

CLIENT: IQ CONSTRUCTION

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LOCATION: LEE'S SUMMIT, MISSOURI

STATE OF MISSOURI

DENNIS HEIER

NUMBER
PE-2010001772

PROFESSIONAL ENGINEER

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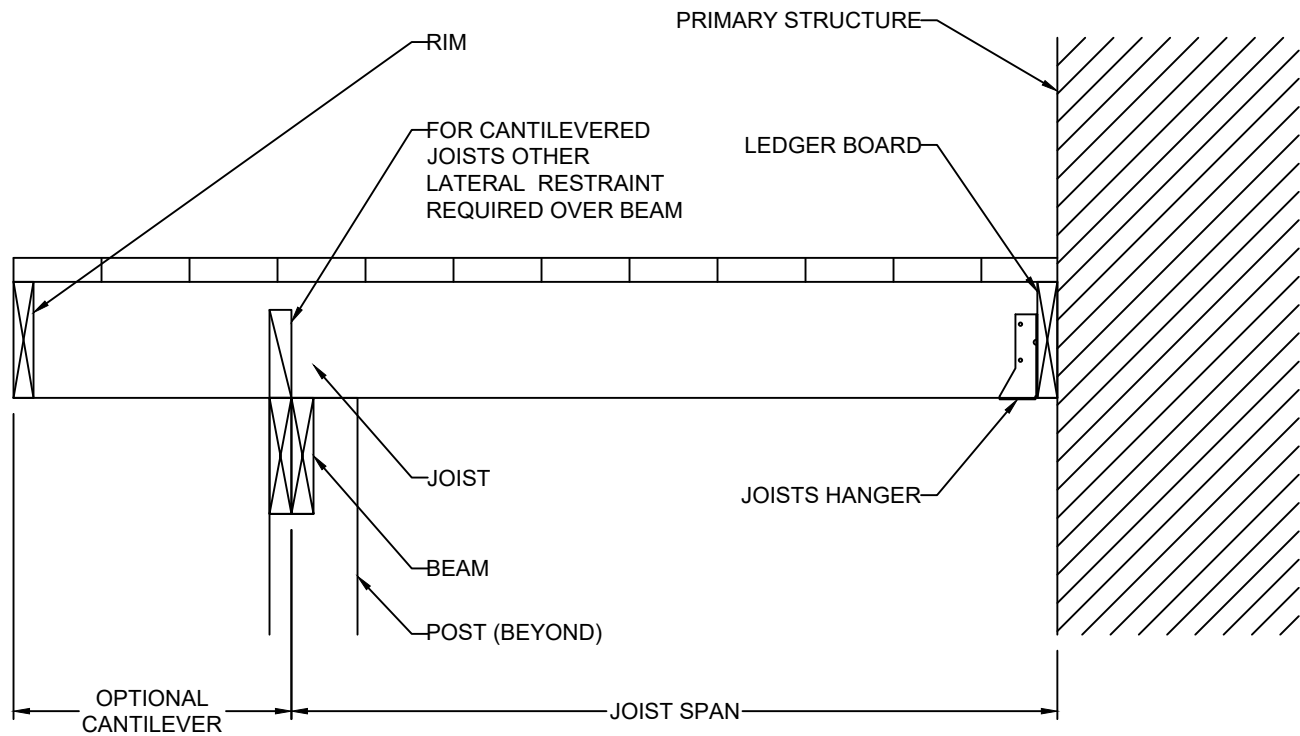
NO.	DATE	REVISION	BY

DRAWING TITLE

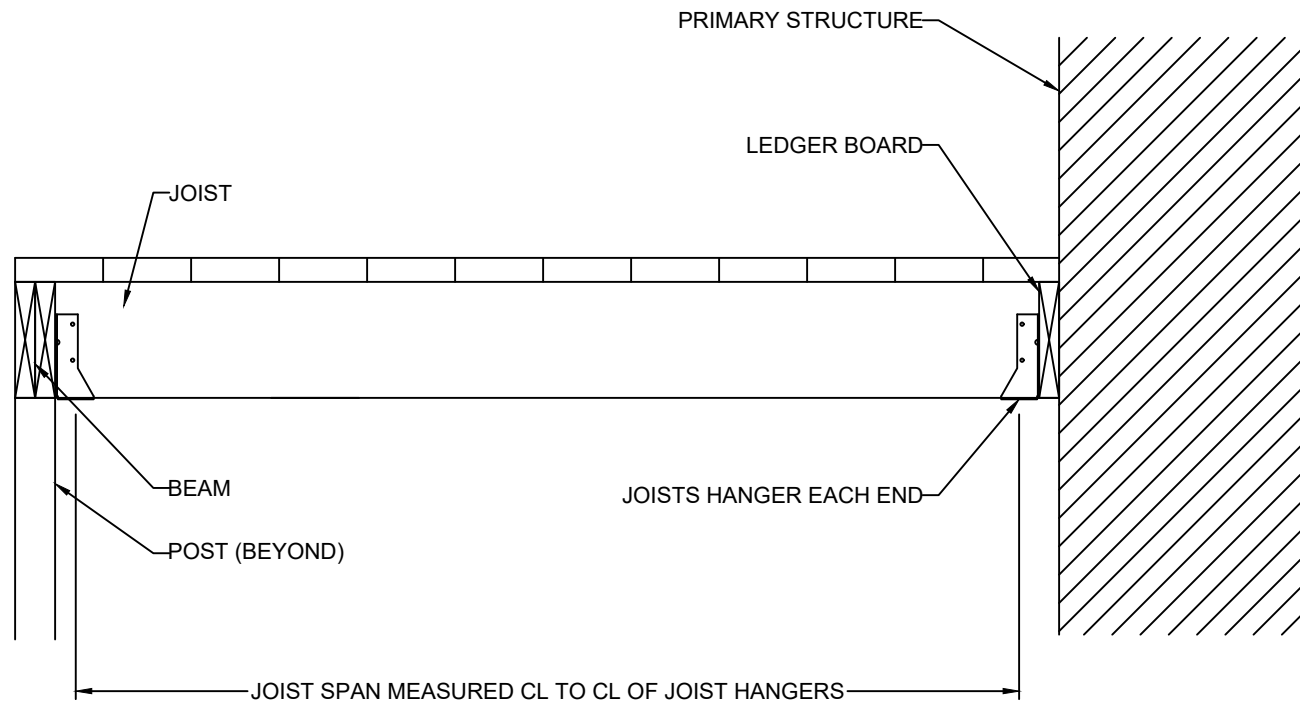
**FRAMING
DETAILS**

ENGINEER: DMH CHECKED BY: DMH
JOB NO. 2754 DRAWN BY: DMH
DATE: 9-10-2020
SHEET NUMBER

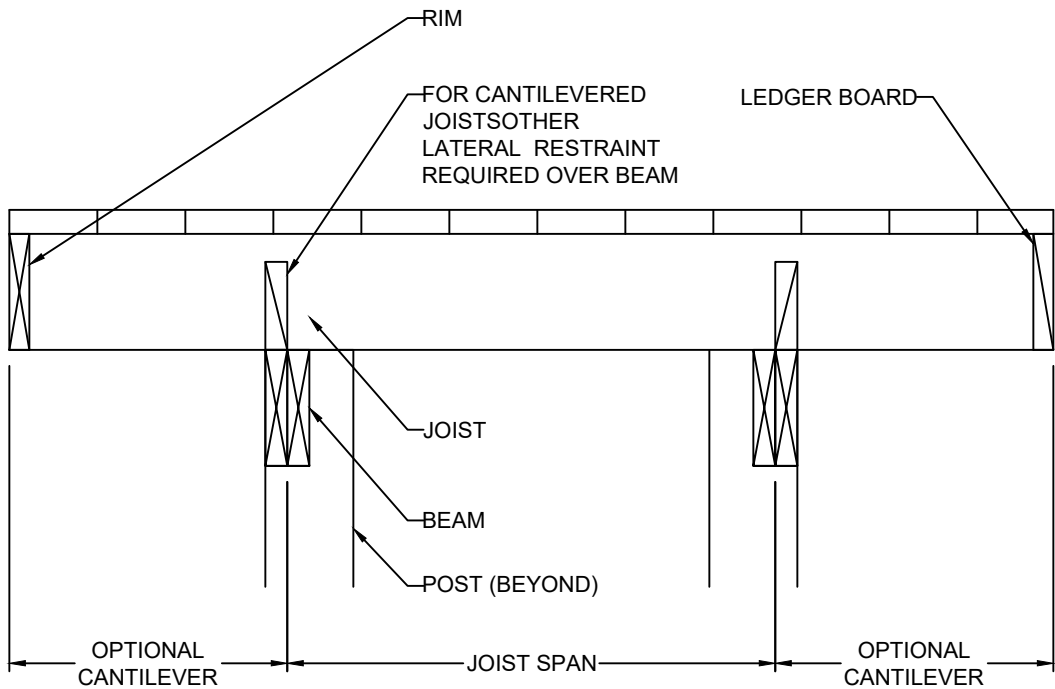
S3.3a



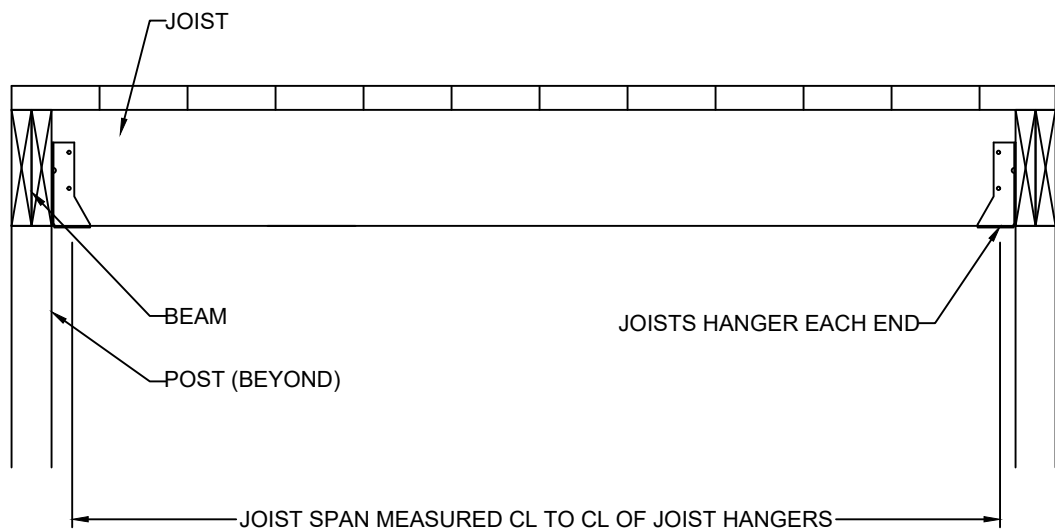
CANTILEVERED JOISTS
WITH DROPPED BEAM



JOISTS WITH FLUSH BEAM

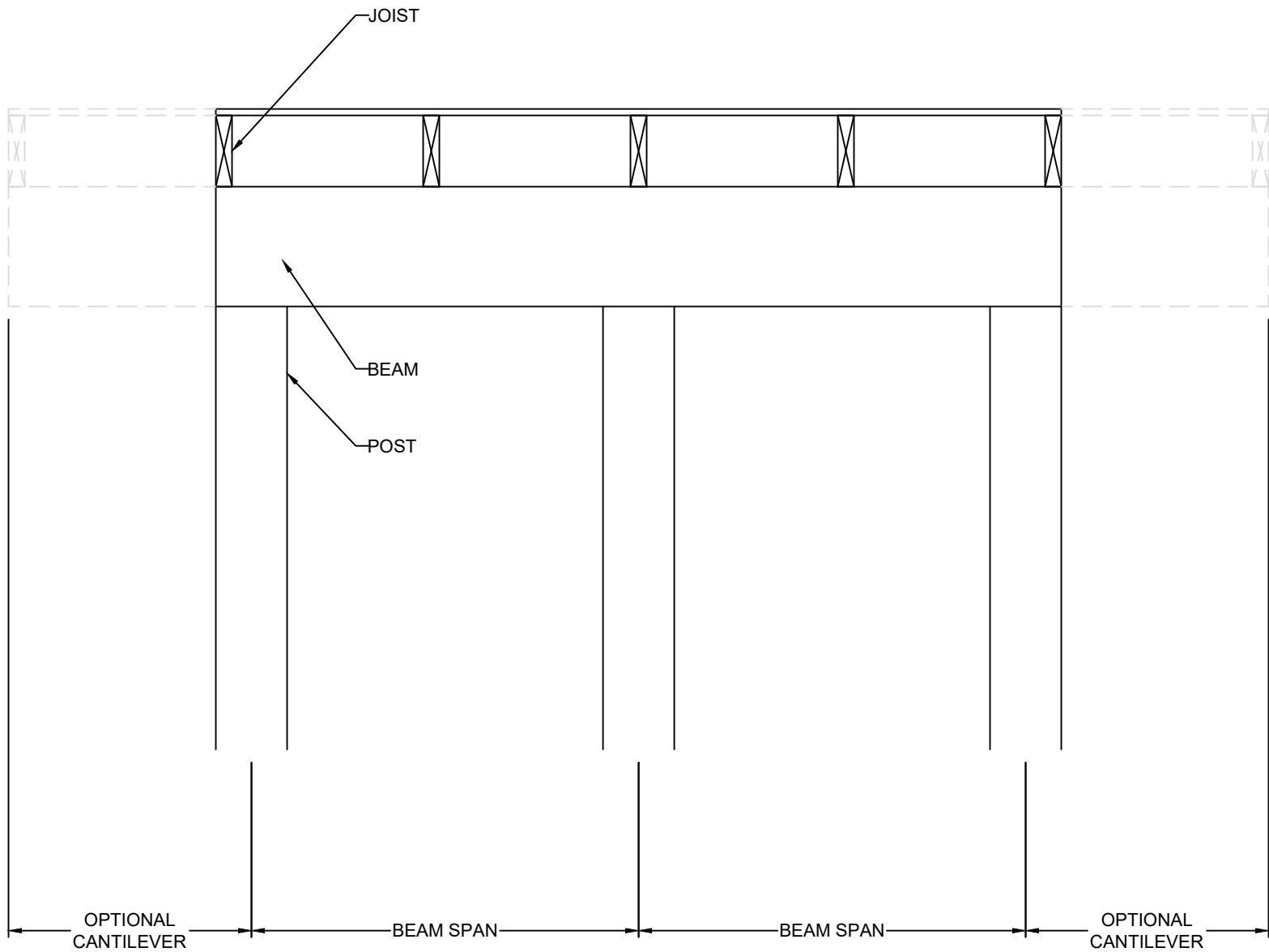


JOISTS ON FREE-STANDING
DECK WITH DROPPED BEAM

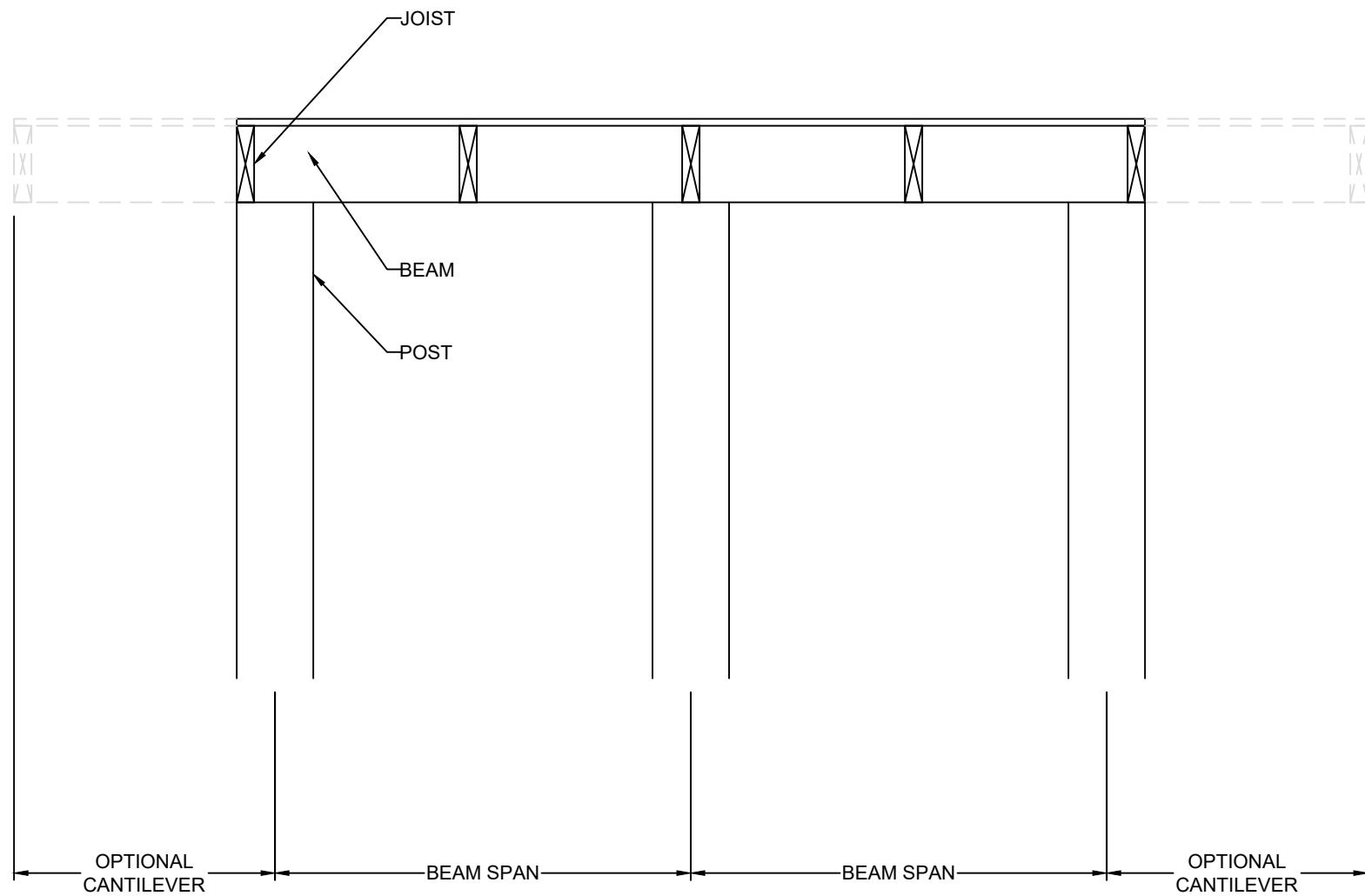


JOISTS WITH FLUSH BEAM

10 TYP. DECK JOIST SPANS
S3.3 SCALE: 1" = 1'-0" (18x24) OR 1/2" = 1'-0" (24x36)



DROPPED BEAM



FLUSH BEAM

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S3.3b