

## DESIGN CRITERIA

## GOVERNING CODES

2015 INTERNATIONAL RESIDENTIAL CODE (IRC)  
ASCE/SEI 7-05 MIN DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES

## LOADINGS

FLOOR	DEAD LOAD	12 PSF
	LIVE LOAD	40 PSF
ROOF	DEAD LOAD	15 PSF
	LIVE (SNOW) LOAD	
	GROUND LOAD	130 PSF
	FLAT ROOF	100 PSF
	EXPOSURE FACTOR	Ce = 1.0
	THERMAL FACTOR	
	WARM COLD	Ct = 1.1
		Ct = 1.1
	IMPORTANCE FACTOR	Is = 1.0

## WIND DESIGN

ULTIMATE WIND SPEED	115 MPH
IMPORTANCE FACTOR	$I_w=1.0$
EXPOSURE	C

## SEISMIC

SEISMIC DESIGN CATEGORY B

### FROST DEPTH

SOIL

GEOTECHNICAL STUDY	NOT AVAILABLE FOR DESIGN
ALLOWABLE BEARING	1,500 PSF
SITE CLASS	D

## WCLH DESIGN CRITERIA

ATTENTION:

1. SITE PLANS: SITE PLANS SHALL BE PREPARED AND SUBMITTED BY THE OWNER/CONTRACTOR AS REQ'D BY THE LOCAL JURISDICTION. ITEMS REQUIRED AND SHOWN MAY INCLUDE BUT ARE NOT LIMITED TO: IDENTIFICATION AND LOCATION OF ALL BUILDINGS, EXISTING AND PROPOSED, LABEL ALL EXISTING AND PROPOSED STREETS, EASEMENTS, FLOOD PLAINS AND ADJACENT PROPERTY LINES (FRONT, REAR, & SIDES.).
2. FIRE RESISTIVE CONSTRUCTION: FIRE RESISTIVE CONSTRUCTION AND/OR FIRE SPRINKLER SYSTEMS NOT ADDRESSED ON THESE PLANS AND REQUIRED BY THE LOCAL JURISDICTION AND ADOPTED CODES ARE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR.
3. LATERAL DESIGN: BECAUSE OF THE RANDOM AND UNPREDICTABLE NATURE OF WIND AND EARTHQUAKE LOADING EVEN A RELATIVELY COMPLETE ANALYSIS, METHODOLOGY, AND DESIGN CANNOT ENSURE THAT THERE WILL BE NO DAMAGE TO STRUCTURES DURING MAJOR EVENTS, local ADOPTED CODES ARE BASED ON LIFE SAFETY AND NOT "DAMAGE PROOFING". IT IS EXTREMELY IMPORTANT THAT ATTENTION BE PAID TO THE PLACEMENT OF REINFORCING, HOLDOWN EMBEDS, ETC. IN THE FOUNDATIONS, NAILING OF VERTICAL AND HORIZONTAL SHEATHING (WALLS, FLOORS, AND ROOF) AND TO DETAILING SHOWN ON THE PLANS. PROPER IMPLEMENTATION IS REQUIRED TO ENSURE THE DESIRED DESIGN RESPONSE.
4. MODIFICATIONS: STRUCTURAL MODIFICATIONS TO PLANS, FRAMING AND LOADING (DIMENSIONS, MATERIALS, DETAILS, LOCATION AND/ OR SIZE OF OPENINGS IN WALLS, HOT TUB LOADING, ETC.) FROM THAT SHOWN ON THE WCLH PLANS CAN ALTER THE STRUCTURAL PERFORMANCE AND WILL VOID ANY LIABILITY BY WCLH OR A/EOR, WITHOUT ADDITIONAL REVIEW AND ANALYSIS AND PRIOR WRITTEN APPROVAL. NEW AND RELOCATED LOADS CAN CAUSE EXCESSIVE DEFLECTION AND EVEN STRUCTURAL FAILURE. INCREASING THE SIZE, NUMBER OR LOCATION OF OPENINGS IN SHEAR WALLS CAN VARY THE LOADING ON SHEAR PANELS BEYOND THEIR LOAD CARRYING CAPACITIES. THE OWNER AND CONTRACTOR SHALL CAREFULLY REVIEW PLANS AND SPECIFICATIONS PRIOR TO INITIATION OF CONSTRUCTION.
5. SOILS INVESTIGATION: WHERE REQUIRED BY THE LOCAL SITE CONDITIONS OR JURISDICTION A GEOTECHNICAL INVESTIGATION (SOILS REPORT) SHALL BE PREPARED BY A QUALIFIED PROFESSIONAL AND SUBMITTED TO THE A/EOR BY THE OWNER/CONTRACTOR FOR REVIEW AND INCORPORATED INTO THE DESIGN. WHEN EXPANSIVE OR COLLAPSE SENSITIVE SOILS ARE PRESENT SPECIAL PROVISIONS MAY BE REQUIRED IN THE FOUNDATION DESIGN. ADDITIONAL FEES WILL BE WARRANTED.

## SHEET LIST

SHEET#	SHEET NAME
COVER	
A0.0	COVER SHEET
ARCHITECTURAL	
A1.0	WALKOUT PLAN
A1.1	MAIN FLOOR PLAN
A2.0	FRONT & RIGHT ELEVATION
A2.1	BACK & LEFT ELEVATION
A3.0	SCHEDULES
A4.0	COMPONENT ISOMETRIC
A5.0	SECTIONS
A5.1	SECTIONS
A6.0	FRAMING DETAILS
A6.1	FRAMING DETAILS
STRUCTURAL	
S1.0	FOUNDATION PLAN
S2.0	MAIN FLOOR FRAMING PLAN
S3.0	ROOF FRAMING PLAN
S4.0	STRUCTURAL DETAILS
S4.0.I	BRACKET DETAILS

## AREA SCHEDULE

NAME	AREA
HEATED	
MAIN LIVING	1 600 SF
WALK OUT	1 200 SF
	2 800 SF
UN-HEATED	
GARAGE	400 SF
	400 SF

PLAN NO.: **7014-000**

# A0.0



1883 Highway 93 South  
Hamilton, MT 59840  
ph. 406.363.5680  
fx. 406.363.6537  
wclhdesign@rmlh.com

THESE PLANS, DRAWINGS, AND  
DESIGNS ARE THE PROPERTY OF  
WHISPER CREEK LOG HOMES (WCLH).  
ALL RIGHTS RESERVED AND SHALL  
NOT BE REPRODUCED OR COPIED  
WITHOUT THE EXPRESSED WRITTEN  
CONSENT FROM AN OFFICER OF  
WCLH. UNDER PENALTY OF  
PROSECUTION. THESE PLANS ARE  
RELEASED FOR CONSTRUCTION ON  
THE SITE DESCRIBED HEREON AND  
NO OTHER.

THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION, DESIGN, AND ENGINEERING PRACTICE IN VARIOUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGN OF AN APPROPRIATE WHISKY BREKER LOG HOOD (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH A DESIGN ENGINEER (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND TO MAKE ANY CHANGES. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICATION OF ANY OF THE ASSUMPTIONS AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATION TO THE PLANS AND WALLS.

ARCHITECT/ ENGINEER OF RECORD:

## REVISIONS

PROJECT NAME:

## SUMMIT

OWNER:

**JUSTIN MEYER**

ADDRESS:

CABIN SITE 66  
SAN MIGUEL COUNTY, CO

DRAWING TITLE:

# COVER SHEET

PROJECT NO.:

## FINALS

DRAWN BY:

CHECKED BY: **MANAGER**

DATE: 6/18/2020 11:23:44 AM

**A0.0**

7014-



WALKOUT PLAN NOTES

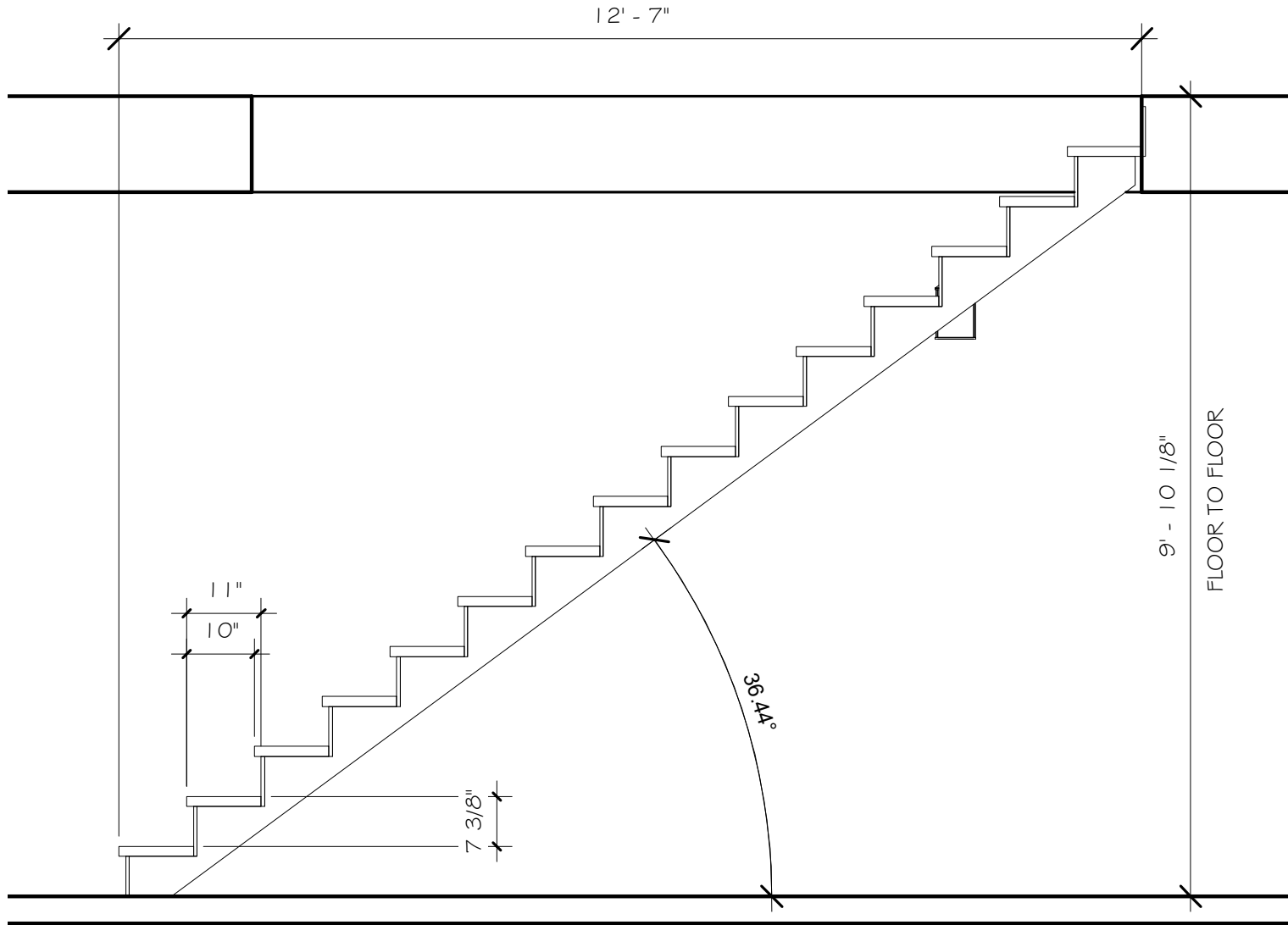
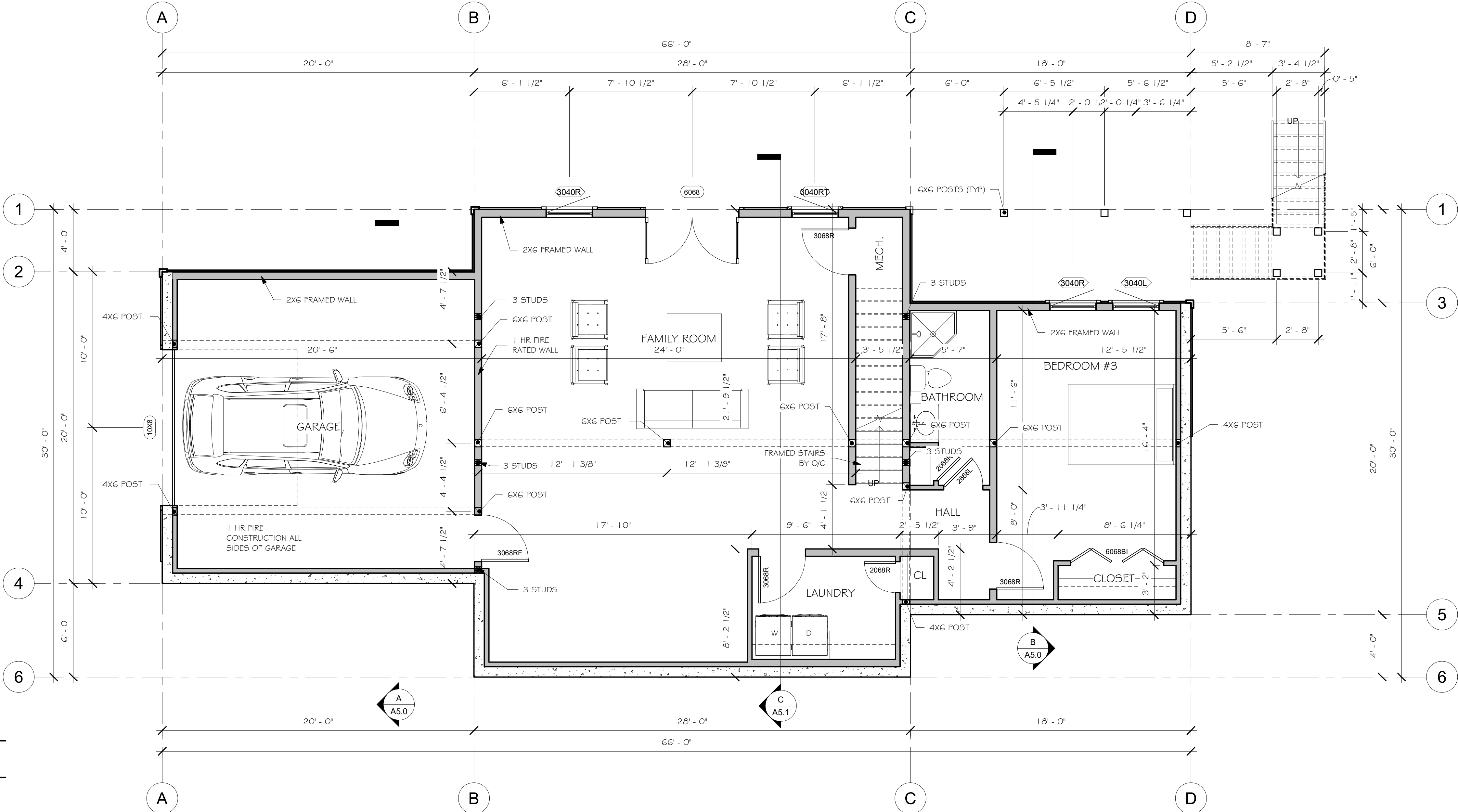
- 1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS & CONDITIONS SHOWN ON THESE PLANS AND W/ BUILDING SITE PRIOR TO COMMENCING ANY WORK ON PROJECT.
- 2. ALL EXTERIOR WALLS ARE DIMENSIONED TO THE FACE OF SHEATHING OR FOUNDATION. ALL INTERIOR WALLS ARE DIMENSIONED TO THE FACE OF STUDS.
- 3. PROVIDE WINDOW WELLS AS REQUIRED BY FINISH GRADE. (CONTRACTOR TO VERIFY). SEE WINDOW WELL DETAIL.
- 4. BASEMENTS ENCLOSING CONDITIONED SPACE SHALL BE INSULATED.
- 5. UNFINISHED AND FINISHED SPACES SHALL BE SEPARATED BY A DOOR.

ABBREVIATIONS

- O/C INDICATES BUILDING COMPONENT PROVIDED BY OWNER/CONTRACTOR
- WC INDICATES BUILDING COMPONENT PROVIDED BY WHISPER CREEK LOG HOMES
- A/EOR INDICATES ARCHITECT/ENGINEER OF RECORD

GARAGE NOTES

- 1. OPENING PROTECTION: DOORS LEADING FROM A DWELLING TO A GARAGE SHALL BE 1-3/8 INCH MIN, SOLID WOOD OR STEEL OR HONEYCOMB CORE STEEL DOORS, OR 20-MINUTE LABELED FIRE-RATED SELF CLOSING, TIGHT FITTING DOORS. DIRECT OPENINGS FROM GARAGE TO SLEEPING ROOMS ARE NOT PERMITTED.
- 2. FIRE SEPARATION: THE GARAGE SIDE OF INTERIOR WALLS SHALL BE 1/2 INCH GYPSUM BOARD (5/8 INCH TYPE "X" RECOMMENDED AND REQUIRED IN SOME JURISDICTIONS). WHERE THE SEPARATION IS A FLOOR-CEILING ASSEMBLY THE STRUCTURE SUPPORTING THE CEILING SUCH AS, BEARING WALLS, COLUMNS AND BEAMS, SHALL BE PROTECTED WITH NOT LESS THAN 5/8 INCH TYPE "X" GYPSUM BOARD, WITH SUPPORTING WALLS ALSO COVERED WITH 5/8 INCH TYPE "X" GYPSUM BOARD.
- 3. ELECTRICAL PANELS: ELECTRICAL PANELS SHALL NOT PENETRATE THE GARAGE SIDE GYPSUM BOARD MEMBRANE OR SHALL BE WRAPPED WITH 5/8 INCH TYPE "X" GYPSUM BOARD ON THE TOP, BOTTOM, SIDES AND BACK.
- 4. SLOPED FLOOR: GARAGE FLOORS SHALL BE SLOPED TO DRAIN TO THE GARAGE DOOR.
- 5. ATTIC ACCESS: WHEN REQUIRED PROVIDE ATTIC ACCESS DOORS (22 INCH X 30 INCH MIN OPENING) WITH A 30 INCH MIN UNOBSTRUCTED HEADROOM. ACCESS DOOR SHALL BE A MIN OF 20 MINUTE RATED WITH LABEL, OR EQUIVALENT CONSTRUCTION WITH POSITIVE LATCH AND HINGE.
- 6. APPLIANCES IN GARAGE: PROVIDE PROTECTION FROM AUTOMOTIVE IMPACT. APPLIANCES HAVING AN IGNITION SOURCE SHALL BE ELEVATED SUCH THAT THE SOURCE IS NOT LESS THAN 18 INCH ABOVE THE GARAGE FLOOR.
- 7. PENETRATIONS: PLUMBING PENETRATIONS THOROUGH GARAGE WALL SHALL BE WITH METAL PIPING. INCLUDING WASTE LINES, VACUUM LINES, ETC. AN APPROVED FIRE STOP MATERIAL MUST BE USED. DUCT PENETRATIONS SHALL BE BY MIN 26 GAUGE SHEET METAL, WITH ANY OPENINGS INTO THE GARAGE PROTECTED BY FIRE DAMPERS. NO WINDOWS ARE PERMITTED IN GARAGE FIRE WALL OR IN DOOR BETWEEN THE HOUSE AND GARAGE.
- 8. ELECTRICAL OUTLETS: FIRE-RESISTIVE WALLS AND PARTITIONS MAY HAVE OPENINGS FOR STEEL ELECTRICAL OUTLET BOXES NOT EXCEEDING 16 SQUARE INCHES IN AREA, PROVIDED THE AGGREGATE AREA OF SUCH OPENINGS IS NOT MORE THAN 100 SQUARE INCHES FOR ANY 100 SQUARE FEET OF WALL OR PARTITION AREA. OUTLET BOXES ON OPPOSITE SIDES OF WALLS AND PARTITIONS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF AT LEAST 24 INCHES. ELECTRICAL BOXES IN WALL BETWEEN HOUSE AND GARAGE SHALL BE STEEL OR RATED FOR AT LEAST 1-HOUR CONSTRUCTION BY AN APPROVED TESTING AGENCY.



WALK OUT PLAN

1/4" = 1'-0"

WALKOUT PLAN

PLAN NO: 7014-000

SHEET NO: A1.0

**Whisper Creek**  
By Rocky Mountain Homes

1893 Highway 93 South  
Hamilton, MT 59840  
ph. 406.363.5680  
fx. 406.363.0537  
wchdesign@rnmh.com

THESE PLANS, DRAWINGS, AND DESIGNS ARE THE PROPERTY OF WHISPER CREEK LOG HOMES (WCLH). ALL RIGHTS RESERVED AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE EXPRESSED WRITTEN CONSENT FROM AN OFFICER OF WCLH. UNDER PENALTY OF PROSECUTION THESE PLANS ARE RELEASED FOR CONSTRUCTION ON THE SITE DESCRIBED HEREON AND NO OTHER.

THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION DESIGN AND ENGINEERING PRACTICE IN NUMEROUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGNS INCORPORATED IN WHISPER CREEK LOG HOMES (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH ARCHITECT OR ENGINEER OF RECORD (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND DESIGNS PRESENTED. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICABILITY OF THE DESIGN. ANY AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED IN WRITING BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATIONS TO THE PLANS AND WALLS.

ARCHITECT/ENGINEER OF RECORD:

REVISIONS		
No.	By:	Date:

PROJECT NAME:

SUMMIT

OWNER:

JUSTIN MEYER

ADDRESS:

CABIN SITE 66  
SAN MIGUEL COUNTY, CO

DRAWING TITLE:

WALKOUT PLAN

PROJECT NO:

7014-000

FINAL

DRAWN BY: JCF

CHECKED BY: MANAGER

DATE: 6/18/2020 11:34:27 AM

SHEET NO:

A1.0

6/18/2020 11:34:27 AM  
H:\Tools\Minor\Consulting\Work\Rocky Mountain Homes\WCLH\01\_Finished Projects\2017\MeYer - Summit\Rev\MeYer-Summit\_2019.rvt  
FILE PATH: T:\Tools\Minor\Consulting\Work\Rocky Mountain Homes\WCLH\01\_Finished Projects\2017\MeYer - Summit\Rev\MeYer-Summit\_2019.rvt



FLOOR PLAN NOTES

1. CONTRACTOR WILL VERIFY ALL DIMENSIONS & CONDITIONS SHOWN ON THESE PLANS AND W/ BUILDING SITE PRIOR TO COMMENCING ANY WORK ON PROJECT.
2. ALL EXTERIOR WALLS ARE DIMENSIONED TO THE FACE OF SHEATHING OR FOUNDATION. ALL INTERIOR WALLS ARE DIMENSIONED TO THE FACE OF STUDS.
3. THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF EXTERIOR DOORS. WIDTH NOT LESS THAN THE DOOR SERVED. MIN DIMENSION 36 INCH MEASURED IN THE DIRECTION OF TRAVEL.

ABBREVIATIONS

- O/C INDICATES BUILDING COMPONENT PROVIDED BY OWNER/CONTRACTOR
- WC INDICATES BUILDING COMPONENT PROVIDED BY WHISPER CREEK LOG HOMES
- A/EOR INDICATES ARCHITECT/ENGINEER OF RECORD

HANDRAIL NOTES:

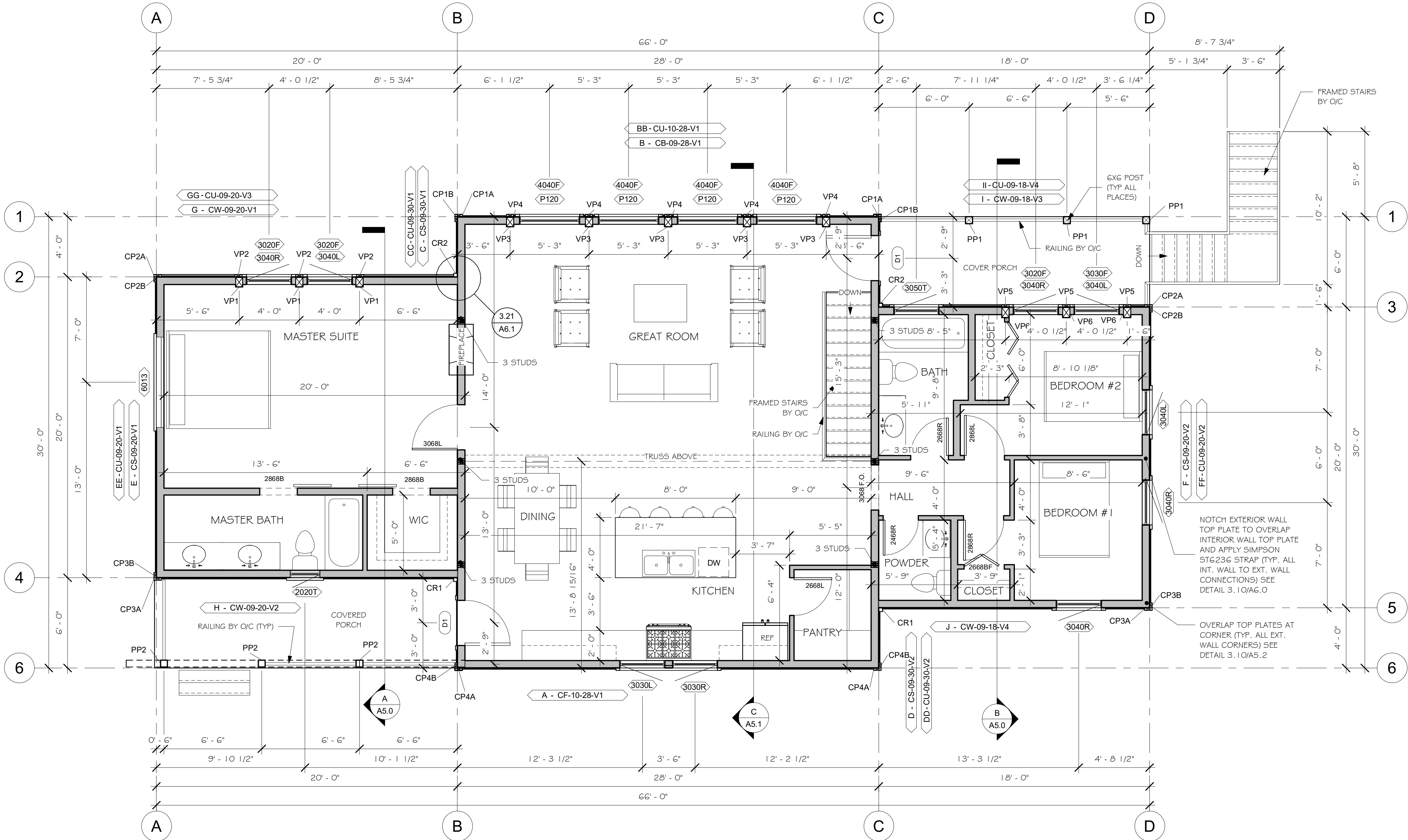
1. RESIDENTIAL STAIRS REQUIRE HANDRAILS ON A MINIMUM OF ONE SIDE.
2. HANDRAIL SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS WITH ENDS RETURNED TO NEWEL POST OR WALL.
3. THE HANDGRIP PORTION OF THE HANDRAILS SHALL NOT BE LESS THAN 1 1/4" INCHES NOR MORE THAN 2 INCHES IN CROSS-SECTIONAL DIMENSION OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. THE HANDGRIP PORTION OF THE HANDRAILS SHALL HAVE A SMOOTH SURFACE WITH NO SHARP CORNERS. HANDRAILS PROJECT FROM A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1 1/2 INCHES BETWEEN THE HANDRAIL AND ANY ABUTTING CONSTRUCTION SO AS TO AVOID INJURY TO FINGERS.

GUARDRAIL NOTES:

1. 36" (MIN) HIGH GUARDRAILS ARE REQUIRED FOR UNENCLOSED FLOOR AND ROOF OPENINGS, OPEN AND GLAZED SIDES OF STAIRWAYS, LANDINGS, DECKS, RAMPS, AND PORCHES, WHICH ARE MORE THAN 30 INCHES ABOVE GRADE OR A FLOOR OR OTHER SURFACE BELOW.
2. OPEN GUARDRAILS SHALL HAVE INTERMEDIATE RAIL SPACING OR PATTERN SUCH THAT A 4-INCH SPHERE CANNOT PASS THROUGH AND THE TRIANGULAR AREA FORMED BY TREAD, RISER AND GUARDRAIL SO THAT 6-INCH SPHERE CANNOT PASS THROUGH

STAIRWAY NOTES:

1. STAIRWAYS SHALL NOT BE LESS THAN 36 INCHES IN WIDTH.
2. THE RISE OF STEPS SHALL NOT BE LESS THAN 4 INCHES OR GREATER THAN 7-3/4 INCHES. THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH.
3. THE RUN SHALL NOT BE LESS THAN 11 INCHES AS MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES OF THE FURTHER MOST PROJECTION OF ADJACENT TREADS. THE LARGEST TREAD RUN WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY 3/8 INCH.
4. WINDER TREADS SHALL HAVE A MINIMUM OF TREAD DEPTH OF 10" MEASURED AT A POINT 12" FROM THE NARROW SIDE OF THE TREAD, AND HAVE A MINIMUM DEPTH OF 6". WITHIN ANY FLIGHT OF STAIRS THE GREATEST WINDER TREAD DEPTH AT THE 12" WALK LINE SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8".



MAIN FLOOR PLAN

1/4" = 1'-0"

MAIN FLOOR PLAN

7014-000

A1.1

Whisper Creek

By Rocky Mountain Homes

1893 Highway 93 South  
Hamilton, MT 59840  
ph. 406.363.5680  
fx. 406.363.6537  
wchdesign@rnmh.com

THESE PLANS, DRAWINGS, AND DESIGNS ARE THE PROPERTY OF WHISPER CREEK LOG HOMES (WCLH). ALL RIGHTS RESERVED AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE EXPRESSED WRITTEN CONSENT FROM AN OFFICER OF WCLH. UNDER PENALTY OF PROSECUTION THESE PLANS ARE RELEASED FOR CONSTRUCTION ON THE SITE DESCRIBED HEREON AND NO OTHER.

THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION DESIGN AND ENGINEERING PRACTICE IN NUMEROUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGNS INCORPORATED IN WHISPER CREEK LOG HOMES (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH ARCHITECT OR ENGINEER OF RECORD (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND DESIGNS PRESENTED. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICABILITY OF THE DESIGN. ANY AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED IN WRITING BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATIONS TO THE PLANS AND WALLS.

ARCHITECT/ENGINEER OF RECORD:

REVISIONS

PROJECT NAME:

SUMMIT

OWNER:

JUSTIN MEYER

ADDRESS:

CABIN SITE 66  
SAN MIGUEL COUNTY, CO

DRAWING TITLE:

MAIN FLOOR PLAN

PROJECT NO.:

FINAL

FILE NAME:

7014-000

7014-000

FILE NAME:

7014-000



ELEVATION NOTES

- 1. CONTRACTOR WILL VERIFY ANY AND ALL STEPS IN FOOTINGS & FOUNDATION AS REQUIRED BY EXISTING FINISH GRADES.
- 2. MODIFICATIONS TO THE STRUCTURE MUST BE APPROVED BY THE A/EOR IN WRITING PRIOR TO MAKING ANY CHANGES. GRADES INDICATED ARE APPROXIMATE AND MAY BE MODIFIED SUBJECT TO FINAL SITE CONDITIONS. DRAINAGE AWAY FROM THE STRUCTURE MUST BE MAINTAINED.
- 3. LOTS SHALL BE GRADED TO DRAW SURFACE WATER AWAY FROM FOUNDATION WALLS. THE GRADE SHALL FALL A MINIMUM OF 6 INCHES WITHIN THE FIRST 10 FEET.
- 4. CONTRACTOR TO INSTALL SNOW STOPS ON ROOF.

ABBREVIATIONS

- O/C INDICATES BUILDING COMPONENT PROVIDED BY OWNER/CONTRACTOR
- WC INDICATES BUILDING COMPONENT PROVIDED BY WHISPER CREEK LOG HOMES
- A/EOR INDICATES ARCHITECT/ENGINEER OF RECORD

TIMBER ACCENTS: CORNERS, POST RAFTERS, FASCIA  
STAIN: ROCKY MTN BROWN STAIN

NOTE: ALL EXTERIOR LIGHTING TO BE DARK SKY COMPLIANT

ROOF HEIGHT  
121' - 2 1/8"

T.O. WALL 10'  
110' - 1 1/8"

T.O. WALL  
109' - 1 1/8"

SIDING: LIVE EDGE LAP BOARD  
COLOR: ROCKY MTN BROWN

MAIN FLOOR  
100' - 0"

T.O. FND  
98' - 9 7/8"

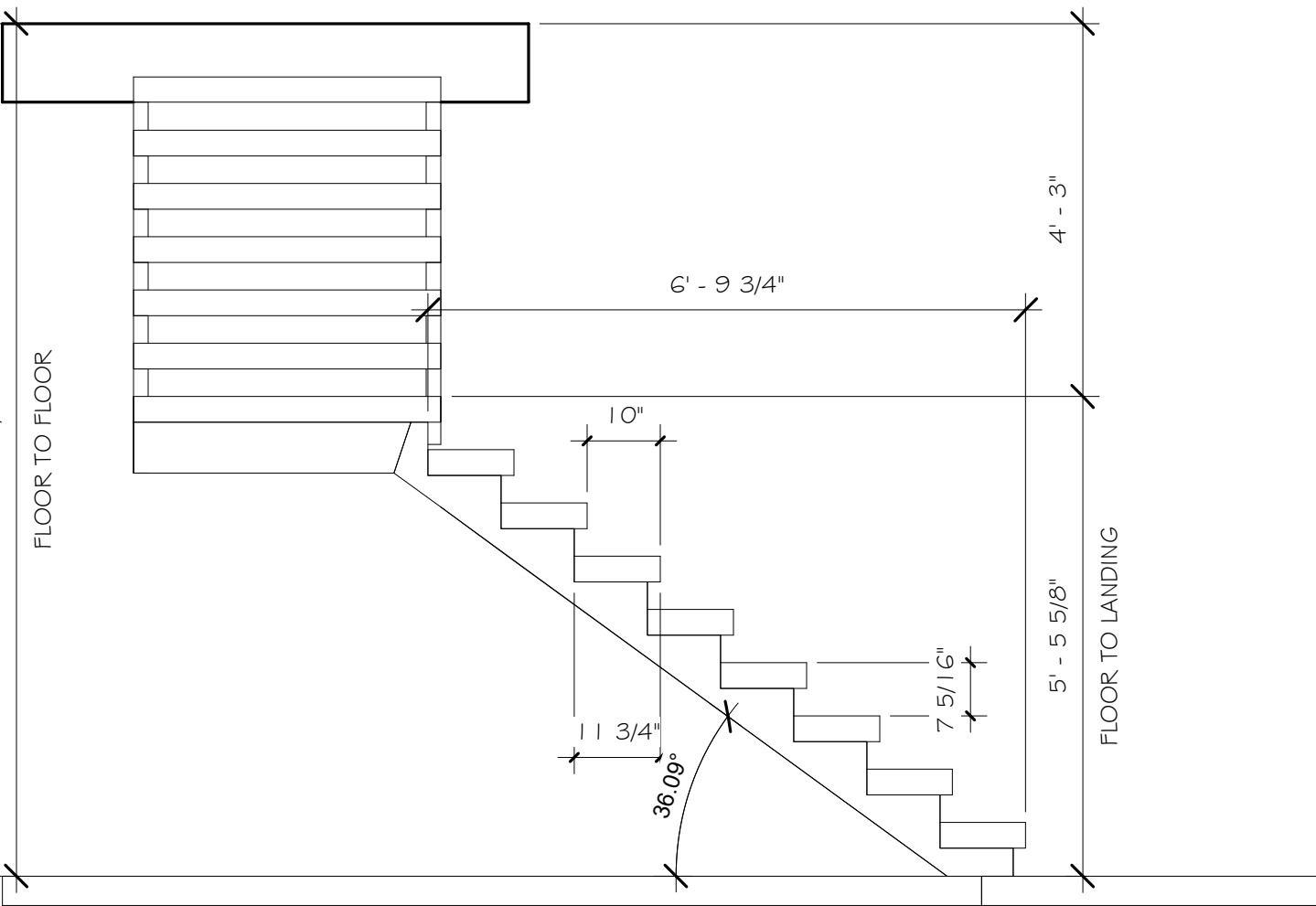
INDICATES FINISH GRADE  
CONTRACTOR TO VERIFY

WALK OUT  
90' - 1 7/8"

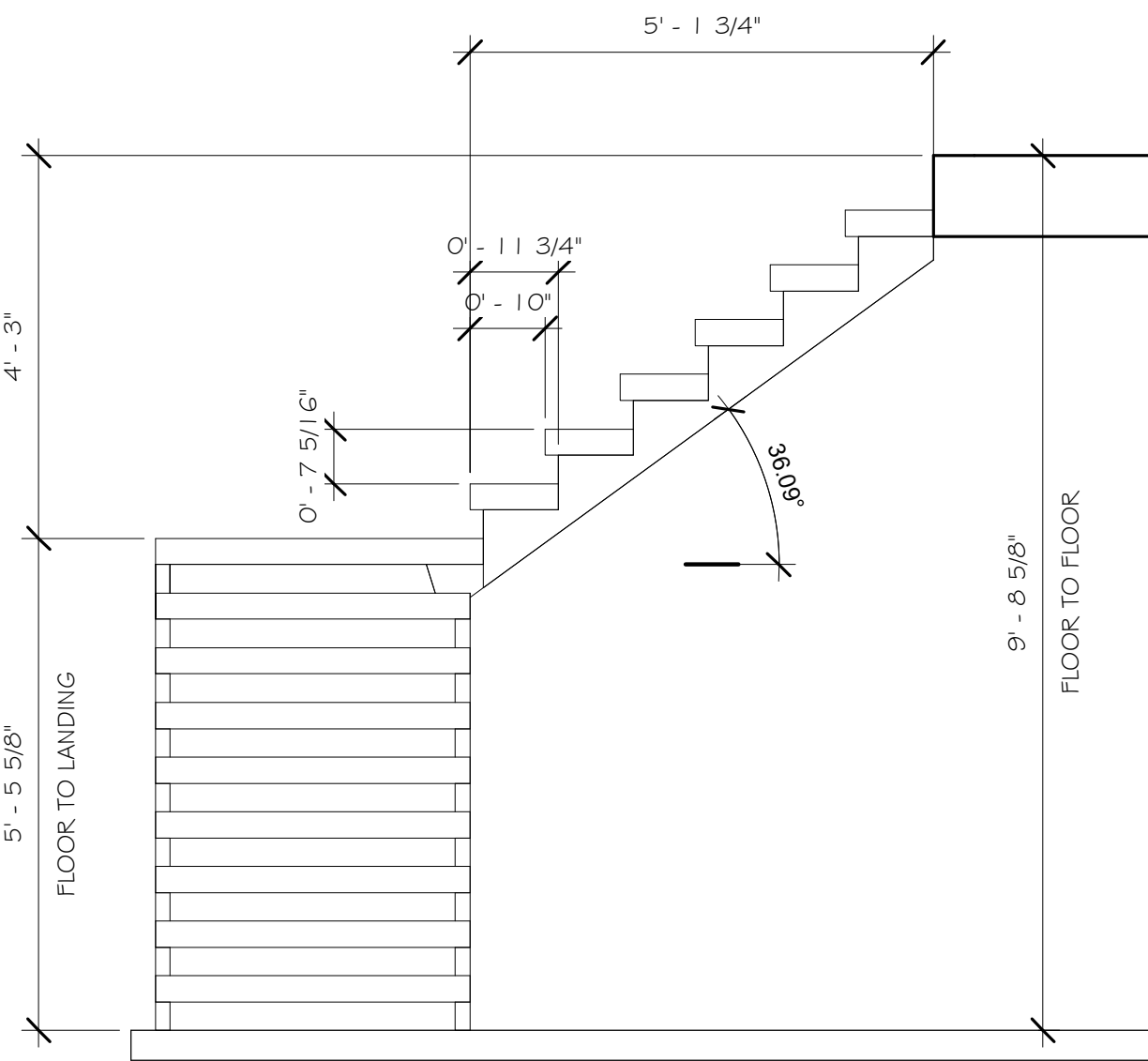
T.O. FTG  
89' - 9 7/8"

FRONT ELEVATION

1/4" = 1'-0"



3 EXTERIOR STAIR SECTION - BOTTOM  
1/2" = 1'-0"



4 EXTERIOR STAIRS SECTION - TOP  
1/2" = 1'-0"

TIMBER ACCENTS: CORNERS, POST RAFTERS, FASCIA  
STAIN COLOR: ROCKY MTN BROWN STAIN

INDICATES FINISH GRADE  
CONTRACTOR TO VERIFY

O/C TO STEP DOWN FOOTING AS NEEDED  
TO MAINTAIN FROST DEPTH

ROOF HEIGHT  
121' - 2 1/8"

NOTE: ALL EXTERIOR LIGHTING TO BE DARK SKY COMPLIANT

SIDING: LIVE EDGE LAP BOARD  
COLOR: ROCKY MTN BROWN

T.O. WALL 10'  
110' - 1 1/8"

T.O. WALL  
109' - 1 1/8"

MAIN FLOOR  
100' - 0"

T.O. FND  
98' - 9 7/8"

TRIM: ROUGH SAWN TIMBER  
STAIN COLOR: ROCKY MTN BROWN

WALK OUT  
90' - 1 7/8"

T.O. FTG  
89' - 9 7/8"

SIDING: CORRUGATED METAL  
COLOR: NATURAL RUST FINISH

RIGHT ELEVATION

1/4" = 1'-0"

FRONT & RIGHT ELEVATION

7014-000

A2.0

Whisper Creek

By Rocky Mountain Homes

1883 Highway 93 South  
Hamilton, MT 59840  
ph. 406.363.5680  
fx. 406.363.6537  
wchdesign@rmtl.com

THESE PLANS, DRAWINGS, AND DESIGNS ARE THE PROPERTY OF WHISPER CREEK LOG HOMES (WCLH). ALL RIGHTS RESERVED AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE EXPRESSED WRITTEN CONSENT FROM AN OFFICER OF WCLH. UNDER PENALTY OF PROSECUTION THESE PLANS ARE RELEASED FOR CONSTRUCTION ON THE SITE DESCRIBED HEREON AND NO OTHER.

THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION DESIGN AND ENGINEERING PRACTICE IN NUMEROUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGNS INCORPORATED IN WHISPER CREEK LOG HOMES (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH ARCHITECT OR ENGINEER OF RECORD (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND DESIGNS PRESENTED. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICABILITY OF THE DESIGN. ANY AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED IN WRITING BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATIONS TO THE PLANS AND WALLS.

ARCHITECT/ENGINEER OF RECORD:

REVISIONS

No.	By:	Date:

PROJECT NAME:

SUMMIT

OWNER:

JUSTIN MEYER

ADDRESS:

CABIN SITE 66  
SAN MIGUEL COUNTY, CO

DRAWING TITLE:

FRONT & RIGHT ELEVATION

PROJECT NO.:

7014-000

FINAL

DRAWN BY:

JCF

CHECKED BY:

MANAGER

DATE:

6/18/2020 11:23:46 AM

SHEET NO.:

A2.0

ELEVATION NOTES

1. CONTRACTOR WILL VERIFY ANY AND ALL STEPS IN FOOTINGS & FOUNDATION AS REQUIRED BY EXISTING FINISH GRADES.
2. MODIFICATIONS TO THE STRUCTURE MUST BE APPROVED BY THE A/EOR IN WRITING PRIOR TO MAKING ANY CHANGES. GRADES INDICATED ARE APPROXIMATE AND MAY BE MODIFIED SUBJECT TO FINAL SITE CONDITIONS. DRAINAGE AWAY FROM THE STRUCTURE MUST BE MAINTAINED.
3. LOTS SHALL BE GRADED TO DRAW SURFACE WATER AWAY FROM FOUNDATION WALLS. THE GRADE SHALL FALL A MINIMUM OF 6 INCHES WITHIN THE FIRST 10 FEET.
4. CONTRACTOR TO INSTALL SNOW STOPS ON ROOF.

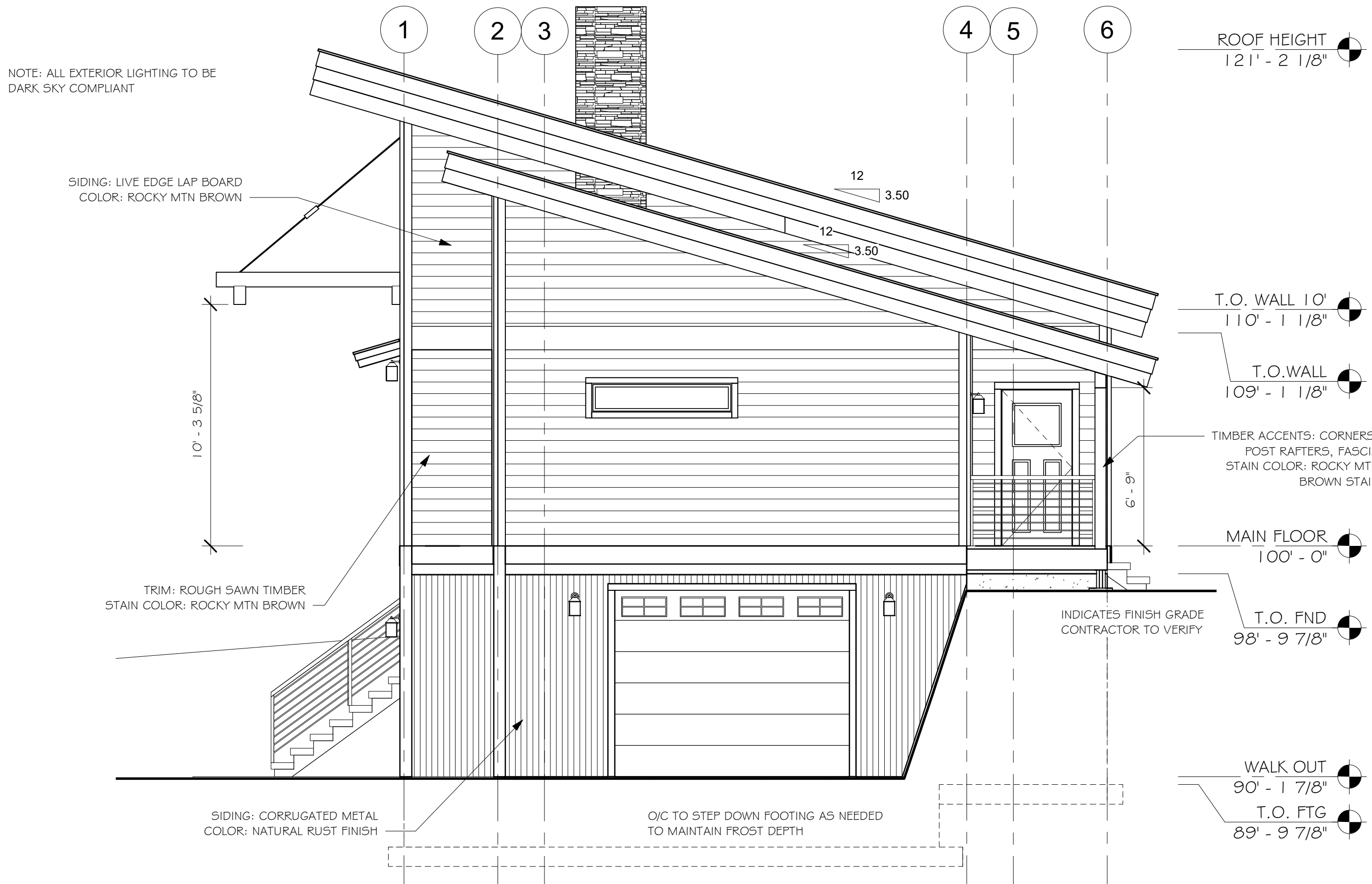
ABBREVIATIONS

- O/C INDICATES BUILDING COMPONENT PROVIDED BY OWNER/CONTRACTOR
- WC INDICATES BUILDING COMPONENT PROVIDED BY WHISPER CREEK LOG HOMES
- A/EOR INDICATES ARCHITECT/ENGINEER OF RECORD



BACK ELEVATION

1/4" = 1'-0"




LEFT ELEVATION

1/4" = 1'-0"

BACK & LEFT ELEVATION

SHEET NO.: 7014-000

**Whisper Creek**  
By Rocky Mountain Homes

1883 Highway 93 South  
Hamilton, MT 59840  
ph. 406.363.6680  
fx. 406.363.6537  
wchdesign@rnmh.com

THESE PLANS, DRAWINGS, AND DESIGNS ARE THE PROPERTY OF WHISPER CREEK LOG HOMES (WCLH). ALL RIGHTS RESERVED AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE EXPRESSED WRITTEN CONSENT FROM AN OFFICER OF WCLH. UNDER PENALTY OF PROSECUTION THESE PLANS ARE RELEASED FOR CONSTRUCTION ON THE SITE DESCRIBED HEREON AND NO OTHER.

THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION, DESIGN, AND ENGINEERING PRACTICE IN NUMEROUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGNS INCORPORATED IN WHISPER CREEK LOG HOMES (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH ARCHITECT OR ENGINEER OF RECORD (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND DESIGNS PRESENTED. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICABILITY OF THE DESIGN. ANY AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED IN WRITING BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATIONS TO THE PLANS AND WALLS.

ARCHITECT/ENGINEER OF RECORD:

REVISIONS			
No.	By:	Date:	

PROJECT NAME:

SUMMIT

OWNER:

JUSTIN MEYER

ADDRESS:

CABIN SITE 66  
SAN MIGUEL COUNTY, CO

DRAWING TITLE:

BACK & LEFT ELEVATION

PROJECT NO.: 7014-000

FINALS

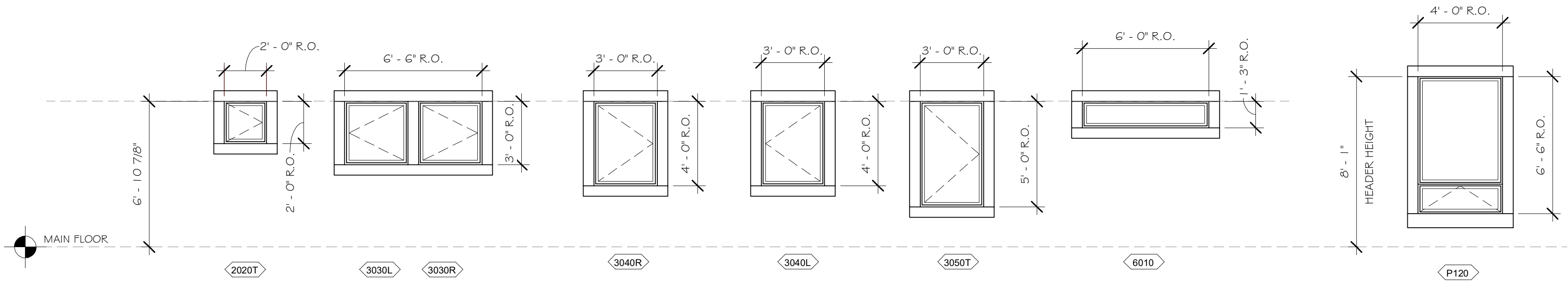
DRAWN BY: JCF

CHECKED BY: MANAGER

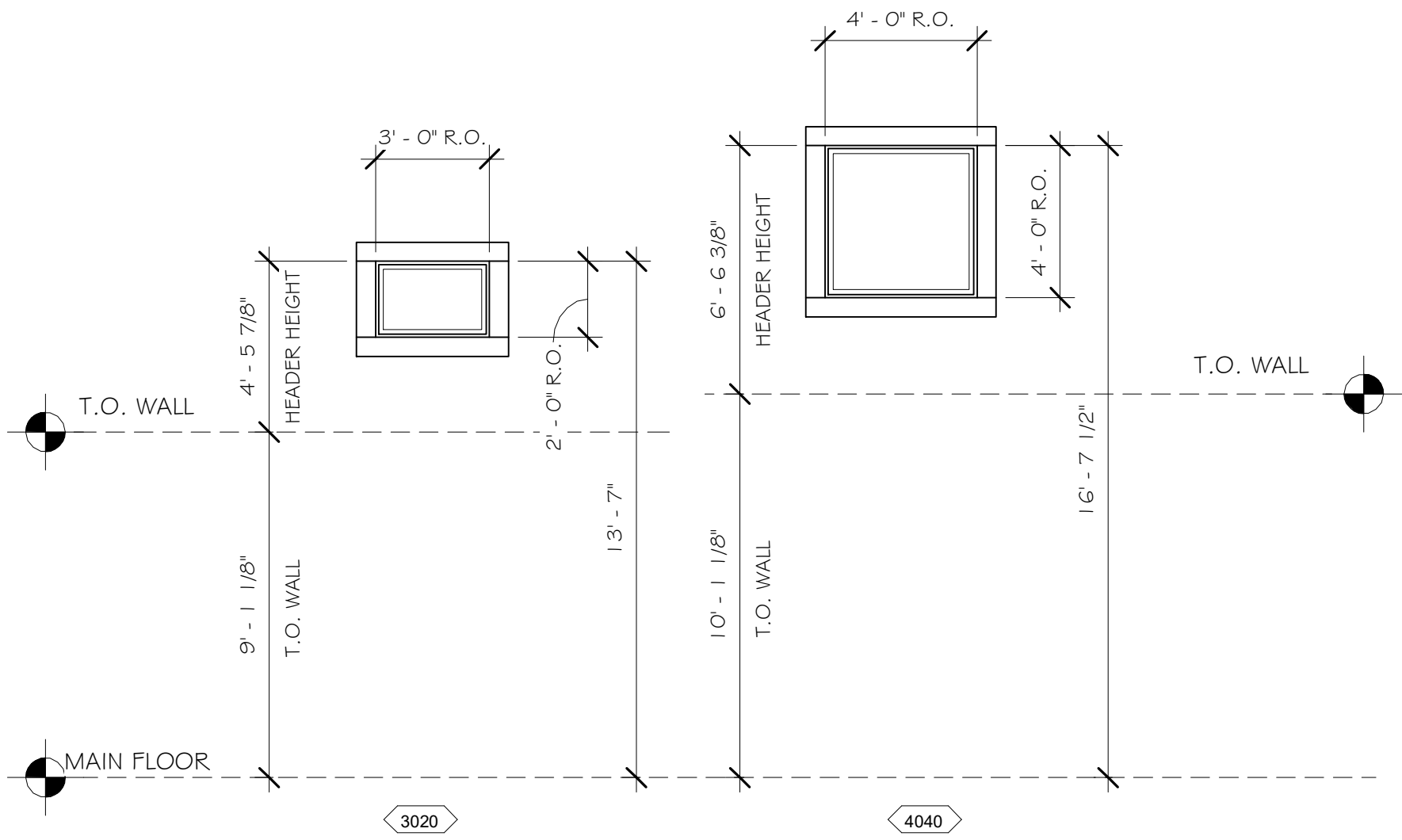
DATE: 6/18/2020 11:23:48 AM

SHEET NO.: A2.1





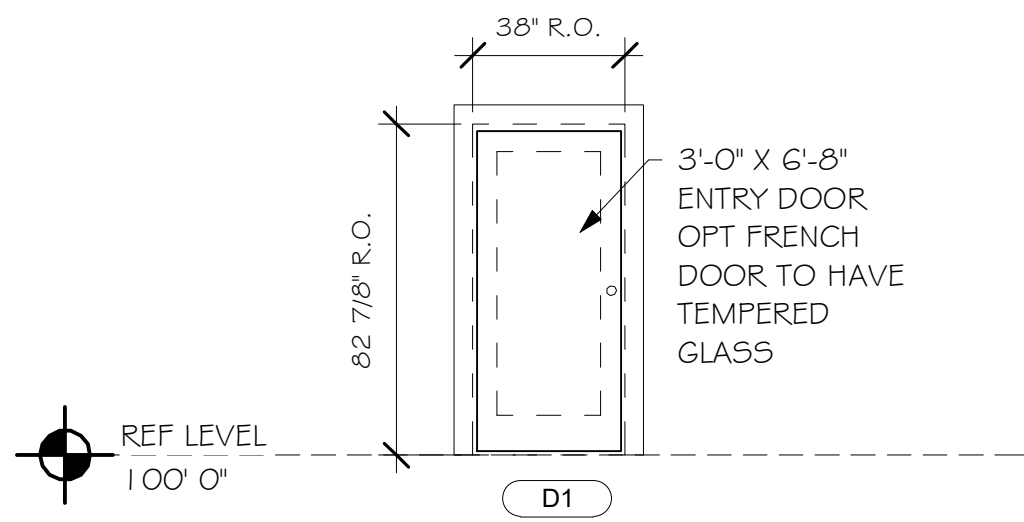
MAIN LEVEL WINDOWS



UPPER WINDOWS

WINDOW ELEVATIONS

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



DOOR ELEVATION

1/4" = 1'-0"

ALL WINDOWS NEED TO BE RATED FOR HIGH ALTITUDE

WINDOW SCHEDULE												
ITEM #	COUNT	WIDTH	HEIGHT	ROUGH WIDTH	ROUGH HEIGHT	STYLE	MATERIAL	FINISH	EGRESS	TEMPERED	U-VALUE	
MAIN FLOOR												
2020T	1	1' - 11 1/2"	1' - 11 1/2"	2' - 0"	2' - 0"	RIGHT CASEMENT	VINYL (1)	ALMOND	No	Yes	0.29	
3020	4	2' - 11 1/2"	1' - 11 1/2"	3' - 0"	2' - 0"	FIXED	VINYL (1)	ALMOND	No	No	0.26	
3030L	1	2' - 11 1/2"	2' - 11 1/2"	3' - 0"	3' - 0"	LEFT CASEMENT	VINYL (1)	ALMOND	No	No	0.29	
3030R	1	2' - 11 1/2"	2' - 11 1/2"	3' - 0"	3' - 0"	RIGHT CASEMENT	VINYL (1)	ALMOND	No	No	0.29	
3040L	3	2' - 11 1/2"	3' - 11 1/2"	3' - 0"	4' - 0"	LEFT CASEMENT	VINYL (1)	ALMOND	Yes	No	0.29	
3040R	4	2' - 11 1/2"	3' - 11 1/2"	3' - 0"	4' - 0"	RIGHT CASEMENT	VINYL (1)	ALMOND	Yes	No	0.29	
3050T	1	2' - 11 1/2"	4' - 11 1/2"	3' - 0"	5' - 0"	RIGHT CASEMENT	VINYL (1)	ALMOND	No	Yes	0.29	
4040F	4	3' - 11 1/2"	3' - 11 1/2"	4' - 0"	4' - 0"	FIXED	VINYL (1)	ALMOND	No	No	0.26	
6013	1	5' - 11 1/2"	1' - 2 1/2"	6' - 0"	1' - 3"	FIXED	VINYL (1)	ALMOND	No	No	0.26	
P120	4	3' - 11 1/2"	6' - 5 1/2"	4' - 0"	6' - 6"	AWNING	VINYL (1)	ALMOND	No	No	0.30	
WALKOUT												
3040L	1	2' - 11 1/2"	3' - 11 1/2"	3' - 0"	4' - 0"	LEFT CASEMENT	VINYL (1)	ALMOND	Yes	No	0.29	
3040R	2	2' - 11 1/2"	3' - 11 1/2"	3' - 0"	4' - 0"	RIGHT CASEMENT	VINYL (1)	ALMOND	Yes	No	0.29	
3040RT	1	2' - 11 1/2"	3' - 11 1/2"	3' - 0"	4' - 0"	RIGHT CASEMENT	VINYL (1)	ALMOND	No	Yes	0.29	

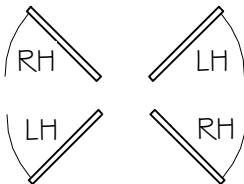
NOTE:

- ALL WALKOUT LEVEL WINDOWS PROVIDED BY OWNER/CONTRACTOR U.N.O. IN CONTRACT
- ALL WALKOUT LEVEL WINDOWS LESS THAN 18" ABOVE FINISH GRADE (SUCH AS IN WINDOW WELLS) ARE REQUIRED TO BE TEMPERED.

DOOR SCHEDULE						
DOOR #	WIDTH	COUNT	SWING	HEIGHT	R.O. WIDTH	R.O. HEIGHT
Exterior						
10X8	10' - 0"	1	OVERHEAD	8' - 0"	PER MFG'S SPECS	PER MFG'S SPECS
D1	3' - 0"	2	RIGHT HAND	6' - 8"	3' - 2"	6'-8"
Interior						
20G8R	2' - 0"	2	RIGHT HAND	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS
24G8R	2' - 4"	1	RIGHT HAND	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS
26G8BF	2' - 8"	1	BI-FOLD	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS
26G8L	2' - 6"	2	LEFT HAND	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS
26G8R	2' - 6"	1	RIGHT HAND	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS
28G8B	2' - 8"	2	SLIDER "BARN" STYLE	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS
28G8L	2' - 8"	1	LEFT HAND	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS
28G8R	2' - 8"	1	RIGHT HAND	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS
30G8L	3' - 0"	1	LEFT HAND	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS
30G8R	3' - 0"	3	RIGHT HAND	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS
30G8RF	3' - 0"	1	RIGHT HAND	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS
50G8BI	5' - 0"	1	BI-FOLD	7' - 0"	PER MFG'S SPECS	PER MFG'S SPECS
60G8	6' - 0"	1	DOUBLE	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS
60G8BI	6' - 0"	1	BI-FOLD	6' - 8"	PER MFG'S SPECS	PER MFG'S SPECS

NOTE:

- ALL DOORS PROVIDED BY OWNER/CONTRACTOR U.N.O. IN CONTRACT
- ALL DOORS PURCHASED FOR PRE-MANUFACTURED WALLS SHOULD MATCH ROUGH OPENING SIZES PROVIDED IN SCHEDULE ABOVE



WALL SCHEDULE		
WALL LOCATION	WALL NUMBER	WALL CONTENTS
A	CF-10-28-V1	3030R, 3030L
B	CB-09-28-V1	(4) X P120
BB	CU-10-28-V1	(4) X 4040
C	C5-09-30-V1	30G8, D1
CC	CU-10-30-V1	SHED UPPER WALL MAIN SECTION
D	C5-09-30-V2	30G8FO, D1
DD	CU-10-30-V2	SHED UPPER WALL MAIN SECTION
E	C5-09-20-V1	6013
EE	CU-09-20-V1	SHED UPPER WALL
F	C5-09-20-V2	3040R, 3040L
FF	CU-09-20-V2	SHED UPPER WALL
G	CW-09-20-V1	3040R, 3040L
GG	CU-09-20-V3	(2) X 3020
H	CW-09-20-V2	2020
I	CW-09-18-V3	3040R, 3040L, 3050L
J	CU-09-20-V4	(2) X 3020
J	CW-09-18-V4	3040L, 3040R

SCHEDULES

PLAN NO.: 7014-000

SHEET NO.: A3.0

1893 Highway 93 South  
Hamilton, MT 59840  
ph. 406.363.5680  
fx. 406.363.6537  
wchdesign@rmh.com

THESE PLANS, DRAWINGS, AND DESIGNS ARE THE PROPERTY OF WHISPER CREEK LOG HOMES (WCLH). ALL RIGHTS RESERVED AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE EXPRESSED WRITTEN CONSENT FROM AN OFFICER OF WCLH. UNDER PENALTY OF PROSECUTION, THESE PLANS ARE RELEASED FOR CONSTRUCTION ON THE SITE DESCRIBED HEREON AND NO OTHER.

THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION DESIGN, AND ENGINEERING PRACTICE IN NUMEROUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGNS INCORPORATED IN WHISPER CREEK LOG HOMES (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH ARCHITECT OR ENGINEER OF RECORD (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND DESIGNS PRESENTED. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICABILITY OF THE DESIGN. ANY AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED IN WRITING BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATIONS TO THE PLANS AND WALLS.

ARCHITECT/ENGINEER OF RECORD:

REVISIONS

No.	By:	Date:	

PROJECT NAME: SUMMIT

OWNER: JUSTIN MEYER

ADDRESS: CABIN SITE 66  
SAN MIGUEL COUNTY, CO

DRAWING TITLE: SCHEDULES

PROJECT NO.: 7014-000

FINAL

DRAWN BY:	JCF
CHECKED BY:	MANAGER
DATE:	6/18/2020 11:34:29 AM
SHEET NO.:	A3.0

FILE PATH: T:\1004\Editor\Consulting\Work\Rocky Mountain Homes\WCLH\1004\_Final\Drawn\Project\2017\Myer - Summit\Rev\Myer-Summit\_2018.rvt



## SECTION NOTES

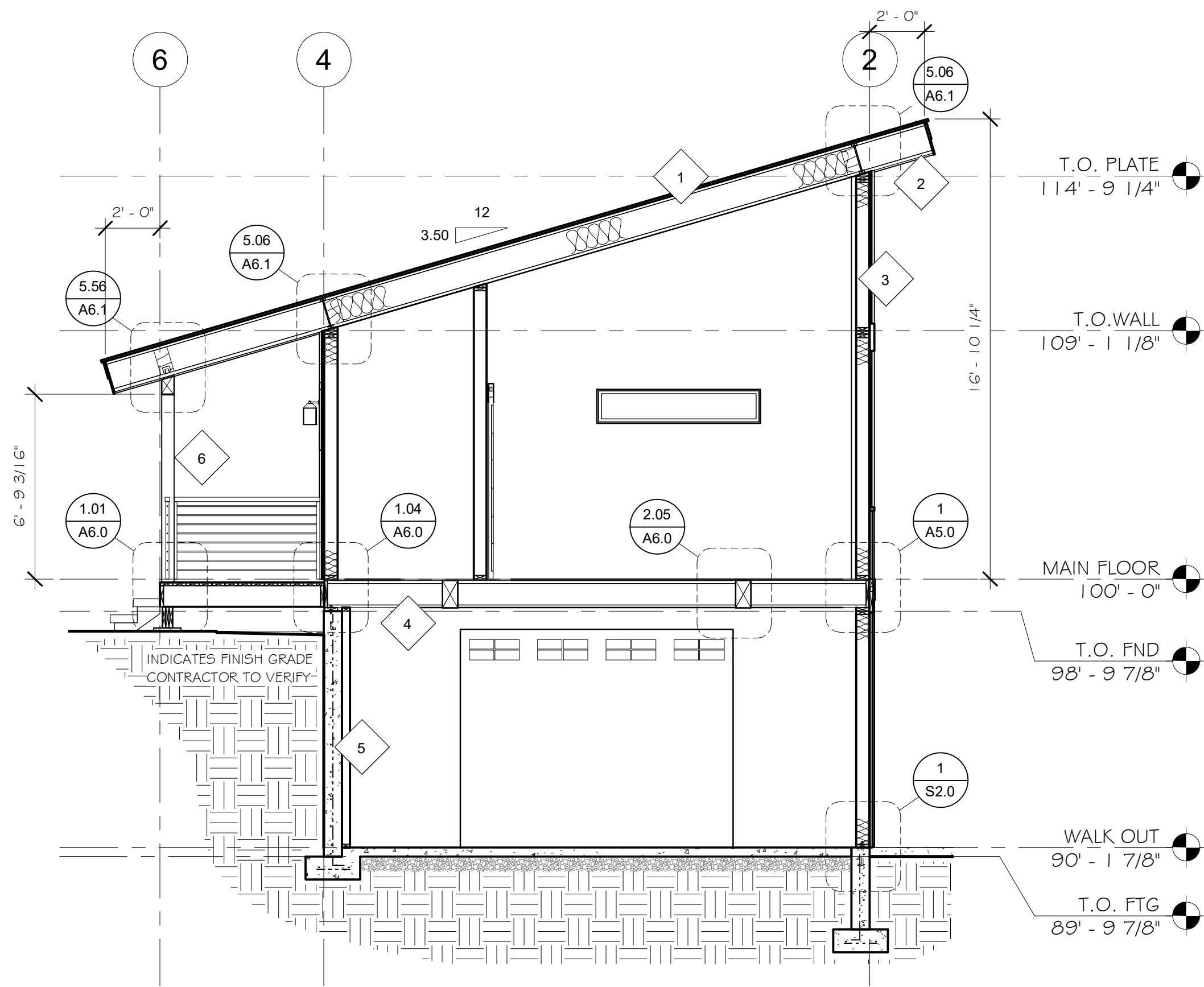
- CONTRACTOR WILL VERIFY ANY AND ALL STEPS IN FOOTINGS & FOUNDATION AS REQUIRED BY EXISTING FINISH GRADES.
- MODIFICATIONS TO THE STRUCTURE MUST BE APPROVED BY THE A/EOR IN WRITING PRIOR TO MAKING ANY CHANGES. GRADES INDICATED ARE APPROXIMATE AND MAY BE MODIFIED SUBJECT TO FINAL SITE CONDITIONS. DRAINAGE AWAY FROM THE STRUCTURE MUST BE MAINTAINED.
- CONTRACTOR TO INSTALL SNOW STOPS ON ROOF.

## ABBREVIATIONS

O/C	INDICATES BUILDING COMPONENT PROVIDED BY OWNER/CONTRACTOR
WC	INDICATES BUILDING COMPONENT PROVIDED BY WHISPER CREEK LOG HOMES
A/EOR	INDICATES ARCHITECT/ENGINEER OF RECORD

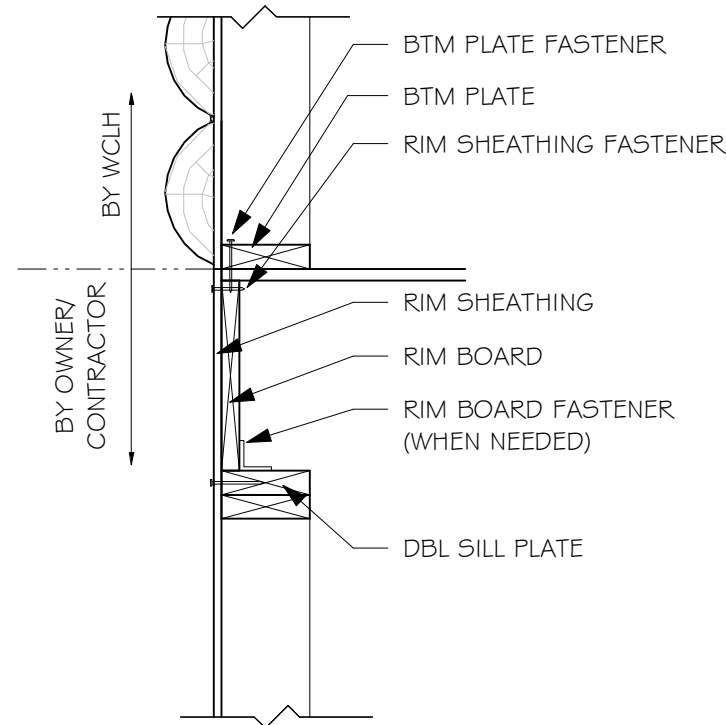
## DECK NOTES

- CLEARANCE: NO WOOD SHALL BE NEARER THAN 6 INCH TO EARTH UNLESS SEPARATED BY CONCRETE AT LEAST 3 INCH THICK WITH IMPERVIOUS MEMBRANE INSTALLED BETWEEN THE EARTH AND THE CONCRETE UNLESS PRESERVATIVELY TREATED WOOD IS USED.
- DECKING: 2 INCH NOMINAL THICK MIN PLANKS SHALL BE USED FOR PLANKING WHERE DECK JOIST SPACING IS 16 INCH O.C. OR GREATER. 1 INCH NOMINAL THICK PLANKING SHALL NOT BE USED WHERE DECK JOISTS ARE SPACED GREATER THAN 12 INCH O.C. DECKS AND TERRACES SHALL BE CONSTRUCTED TO SUPPORT APPLICABLE HORIZONTAL AND VERTICAL LOADING, INCLUDING A MIN LIVE LOAD OF 60 PSF.



SECTION A

1/4" = 1'-0"

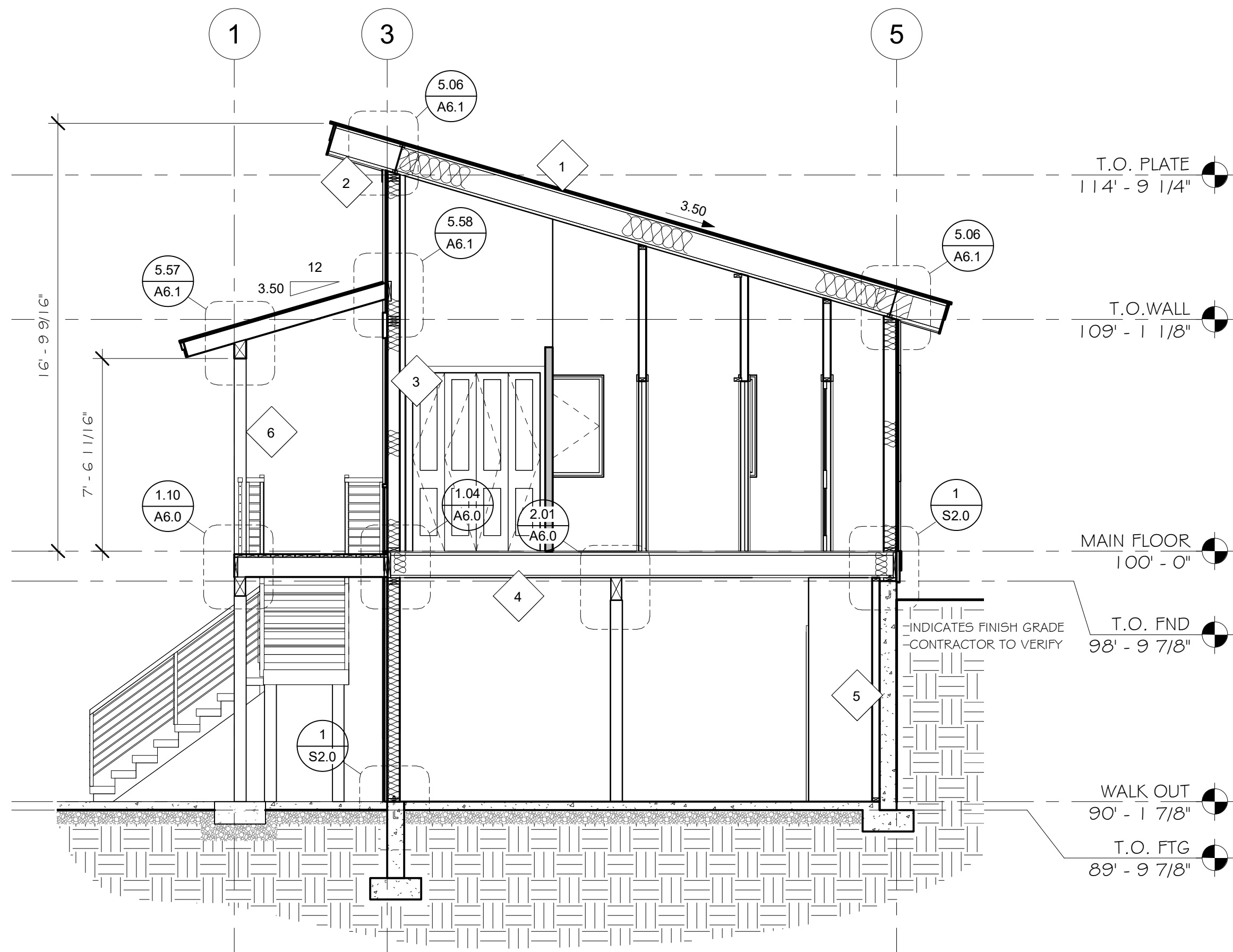


WALL BASE CONNECTION SCHEDULE	
LOCATION	FASTENER OR MEMBER
BOTTOM PLATE	2X6 X CONT
FASTENER	16d NAILS @ EA JST, BLKG & CONT @ 3-1/2" O.C.
RIM SHEATHING	7/16" APA 2 4/16 EXT SHTG
FASTENER	8d NAILS @ 3-1/8" O.C. ALL EDGES
RIM BOARD	1-1/8" MIN LVL RIM BOARD
FASTENER TO SILL PLATE OR TOP PLATE	A355 @ 24" O.C. (ONLY REQ'D W/GABLE END DOOR OR WINDOW FEATURE WALLS) STAINLESS TSTL OR Z-MAS @ TREATED PLATE

1 FRAMED WALL TO FLOOR TO FRAMED WALL  
1" = 1'-0"

## MATERIAL BREAKDOWN

- |  |   |
|--|---|
| <b>1 ROOF SYSTEM</b> <ul style="list-style-type: none"><li>STANDING SEAM METAL ROOFING - O/C</li><li>30# FELT - O/C</li><li>ICE &amp; WATER SHIELD - O/C</li><li>1/2" APA RATED ROOF SHEATHING - WCLH</li><li>1 1/2" JOIST ROOF FRAMING (PER PLAN) - WCLH</li><li>INSULATION BAFFLES - O/C</li><li>R-49 MIN INSULATION - O/C</li><li>5/8" GYPSUM BOARD (VERIFY FINISH W/ OWNER) - O/C</li><li>LATEX PAINT VAPOR BARRIER (VERIFY FINISH W/ OWNER) - O/C</li></ul> | <b>4 MAIN FLOOR SYSTEM</b> <ul style="list-style-type: none"><li>T&amp;G OSB FLOOR SHEATHING - O/C</li><li>1 1/8" (MIN) X 11 7/8" RIM BOARD - O/C</li><li>1 1/2" JOIST FLOOR FRAMING (PER PLAN) - O/C</li><li>CULTURED STONE VENEER @ RIM JOIST - O/C</li></ul>   |
| <b>2 SOFFIT/ FASCIA SYSTEM</b> <ul style="list-style-type: none"><li>ALUMINUM DRIP EDGE - O/C</li><li>ROUGH CUT WOOD FASCIA - O/C</li><li>3/4" OSB FASCIA BACKER - WCLH</li><li>VENTED SOFFIT (VERIFY TYPE W/ OWNER) - O/C</li></ul>   | <b>5 FOUNDATION SYSTEM</b> <ul style="list-style-type: none"><li>2X6 TREATED SILL PLATE - O/C</li><li>8" CONCRETE FOUNDATION WALLS - O/C</li><li>R-10 CONTINUOUS INSULATION OR R-13 CAVITY INSULATION - O/C</li><li>CLEAN GRAVEL FILL 12" ABOVE TOP OF FOOTING &amp; 8" CLEAR AROUND SIDES OF FOOTING - O/C</li><li>FRENCH DRAIN PIPED TO STORM DRAIN SYSTEM - O/C</li><li>CONCRETE FOOTING - O/C</li></ul>   |
| <b>3 EXTERIOR WALL SYSTEM</b> <ul style="list-style-type: none"><li>LIVE EDGE LAP SIDING (ROCKY MTN BROWN) - WCLH</li><li>CORRUGATED METAL (NATURAL RUST FINISH) - WCLH</li><li>TYPAR BUILDING PAPER - WCLH</li><li>APA RATED SHEATHING - WCLH</li><li>2X6 FRAMING - WCLH</li><li>R-20 BLOWN IN CELLULOSE INSULATION - O/C</li><li>4 MIL (MIN) VAPOR BARRIER - O/C</li><li>1/2" GYPSUM BOARD (VERIFY FINISH W/ OWNER) - O/C</li></ul>                            | <b>6 PORCH SYSTEM</b> <ul style="list-style-type: none"><li>STANDING SEAM METAL ROOFING - O/C</li><li>1/2" APA RATED ROOF SHEATHING - WCLH</li><li>ROUGH CUT WOOD FASCIA - O/C</li><li>3/4" OSB SUB-FASCIA BACKER - WCLH</li><li>VENTED T&amp;G CEDAR SOFFIT - O/C</li><li>2X ROOF FRAMING (PER PLAN) - WCLH</li><li>TIMBER BEAM (PER PLAN) - WCLH</li><li>TIMBER POST (PER PLAN) - WCLH</li><li>2X DECK FRAMING (PER PLAN) - WCLH</li><li>2X B.U. BEAM - WCLH</li><li>CONCRETE PIER (PER PLAN) - O/C</li><li>CONCRETE FOOTING (PER PLAN) - O/C</li></ul> |



SECTION B

1/4" = 1'-0"

SHEET TITLE: <b>SECTIONS</b>	PLAN NO.: <b>7014-000</b>
	SHEET NO.: <b>A5.0</b>

**Whisper Creek**  
By Rocky Mountain Homes

1893 Highway 93 South  
Hamilton, MT 59840  
ph. 406.363.5680  
fx. 406.363.6537  
wclhdesign@rnmh.com

THESE PLANS, DRAWINGS, AND DESIGNS ARE THE PROPERTY OF WHISPER CREEK LOG HOMES (WCLH). ALL RIGHTS RESERVED AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE EXPRESSED WRITTEN CONSENT FROM AN OFFICER OF WCLH. UNDER PENALTY OF PROSECUTION, THESE PLANS ARE RELEASED FOR CONSTRUCTION ON THE SITE DESCRIBED HEREON AND NO OTHER.

THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION DESIGN, AND ENGINEERING PRACTICE IN NUMEROUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGNS INCORPORATED IN WHISPER CREEK LOG HOMES (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH ARCHITECT OR ENGINEER OF RECORD (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND DESIGNS PRESENTED. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICABILITY OF THE DESIGN. ANY AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED IN WRITING BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATIONS TO THE PLANS AND WALLS.

ARCHITECT/ENGINEER OF RECORD:			

REVISIONS			
No.	By:	Date:	

PROJECT NAME:	
<b>SUMMIT</b>	

OWNER:	
<b>JUSTIN MEYER</b>	

ADDRESS:	
<b>CABIN SITE 66 SAN MIGUEL COUNTY, CO</b>	

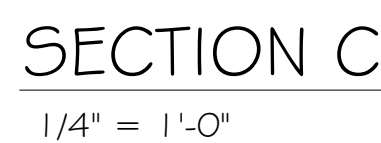
DRAWING TITLE:	
<b>SECTIONS</b>	

PLAN NO.: <b>7014-000</b>	PROJECT NO.:	<b>FINALS</b>
	DRAWN BY:	JCF
	CHECKED BY:	MANAGER
	DATE:	6/18/2020 11:34:30 AM
	SHEET NO.:	<b>A5.0</b>



1. CONTRACTOR WILL VERIFY ANY AND ALL STEPS IN FOOTINGS & FOUNDATION AS REQUIRED BY EXISTING FINISH GRADES.
2. MODIFICATIONS TO THE STRUCTURE MUST BE APPROVED BY THE A/EOR IN WRITING PRIOR TO MAKING ANY CHANGES. GRADES INDICATED ARE APPROXIMATE AND MAY BE MODIFIED SUBJECT TO FINAL SITE CONDITIONS. DRAINAGE AWAY FROM THE STRUCTURE MUST BE MAINTAINED.
3. CONTRACTOR TO INSTALL SNOW STOPS ON ROOF.

O/C	INDICATES BUILDING COMPONENT PROVIDED BY OWNER/CONTRACTOR
WC	INDICATES BUILDING COMPONENT PROVIDED BY WHISPER CREEK LOG HOMES
A/EOR	INDICATES ARCHITECT/ENGINEER OF RECORD



**1 ROOF SYSTEM**

- STANDING SEAM METAL ROOFING - O/C
- 30# FELT - O/C
- ICE & WATER SHIELD - O/C
- 19/32" APA RATED ROOF SHEATHING - WCLH
- 14" I-JOIST ROOF FRAMING (PER PLAN) - WCLH
- INSULATION BATTLES - O/C
- R-49 MIN INSULATION - O/C
- 5/8" GYPSUM BOARD (VERIFY FINISH W/ OWNER) - O/C
- LATEX PAINT VAPOR BARRIER (VERIFY FINISH W/ OWNER) - O/C

**4 MAIN FLOOR SYSTEM**

- T&G OSB FLOOR SHEATHING - O/C
- 1 1/8" (MIN) X 11 7/8" RIM BOARD - O/C
- 1 1/8" I-JOIST FLOOR FRAMING (PER PLAN) - O/C
- CULTURED STONE VENEER @ RIM JOIST - O/C

**2 SOFFIT/ FASCIA SYSTEM**

- ALUMINUM DRIP EDGE - O/C
- ROUGH CUT WOOD FASCIA - O/C
- 3/4" OSB FASCIA BACKER - WCLH
- VENTED SOFFIT (VERIFY TYPE W/ OWNER) - O/C

**5 FOUNDATION SYSTEM**

- 2X6 TREATED SILL PLATE - O/C
- 8" CONCRETE FOUNDATION WALLS - O/C
- R-10 CONTINUOUS INSULATION OR R-13 CAVITY INSULATION - O/C
- CLEAN GRAVEL FILL 12" ABOVE TOP OF FOOTING & 8" CLEAR AROUND SIDES OF FOOTING - O/C
- FRENCH DRAIN PIPED TO STORM DRAIN SYSTEM - O/C
- CONCRETE FOOTING - O/C

**3 EXTERIOR WALL SYSTEM**

- LIVE EDGE LAP SIDING (ROCKY MTN BROWN) - WCLH
- CORRUGATED METAL (NATURAL RUST FINISH) - WCLH
- TYPAR BUILDING PAPER - WCLH
- APA RATED SHEATHING - WCLH
- 2X6 FRAMING - WCLH
- 2X20 BLOWN IN CELLULOSE INSULATION - O/C
- 4 MIL (MIN) VAPOR BARRIER - O/C
- 1/2" GYPSUM BOARD (VERIFY FINISH W/ OWNER) - O/C

**6 PORCH SYSTEM**

- STANDING SEAM METAL ROOFING - O/C
- 19/32" APA RATED ROOF SHEATHING - WCLH
- ROUGH CUT WOOD FASCIA - O/C
- 3/4" OSB SUB-FASCIA BACKER - WCLH
- VENTED T&G CEDAR SOFFIT - O/C
- 2X ROOF FRAMING (PER PLAN) - WCLH
- TIMBER BEAM (PER PLAN) - WCLH
- TIMBER POST (PER PLAN) - WCLH
- 2X DECK FRAMING (PER PLAN) - WCLH
- 2X B.U. BEAM - WCLH
- CONCRETE PIER (PER PLAN) - O/C
- CONCRETE FOOTING (PER PLAN) - O/C



2)  $1/2" = 1'-0"$

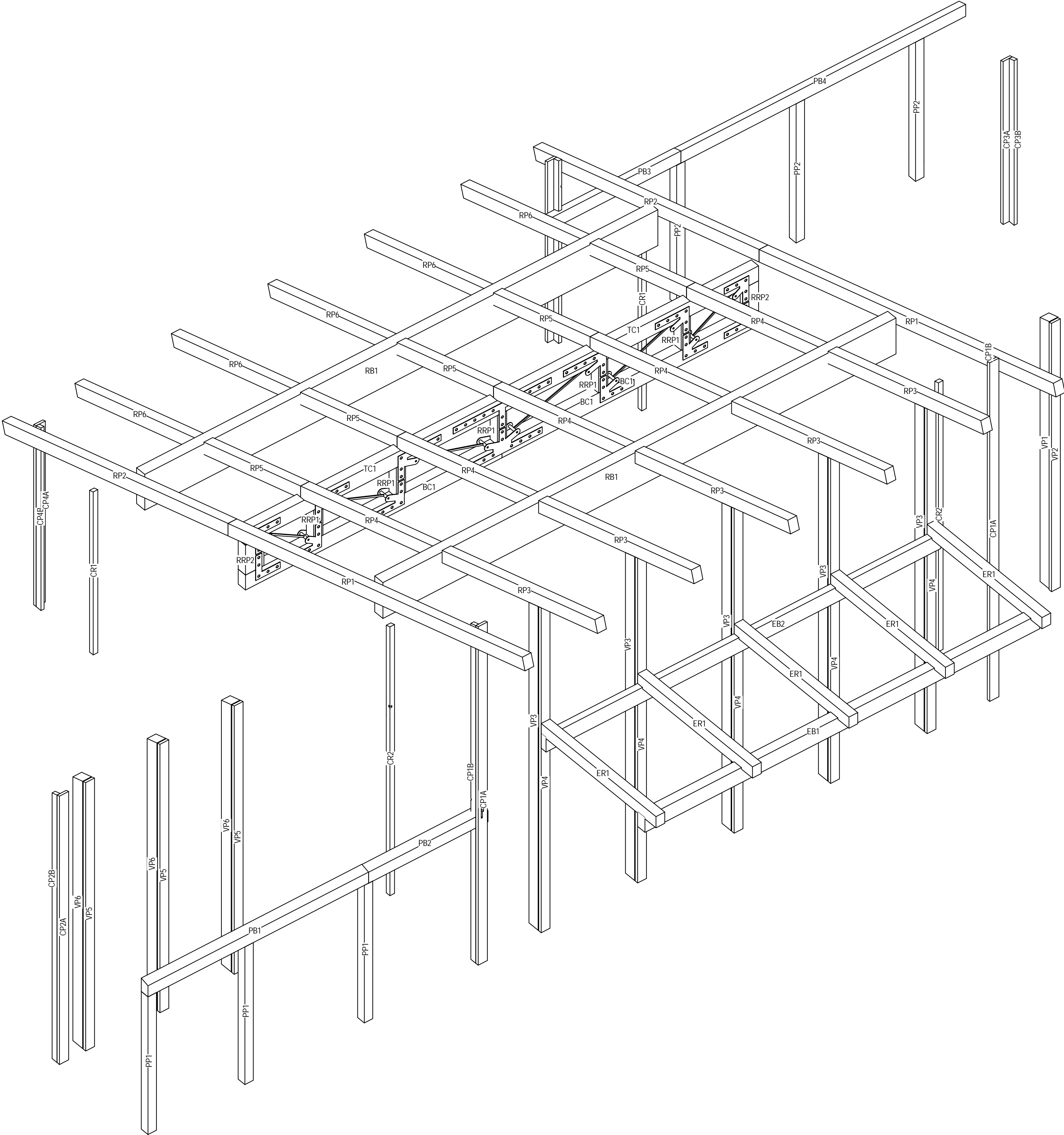
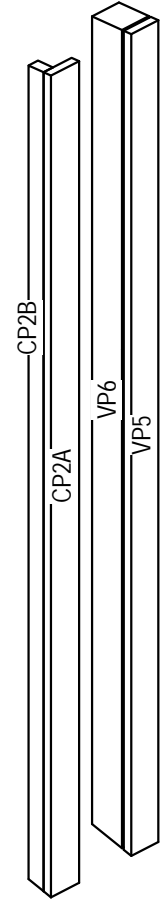
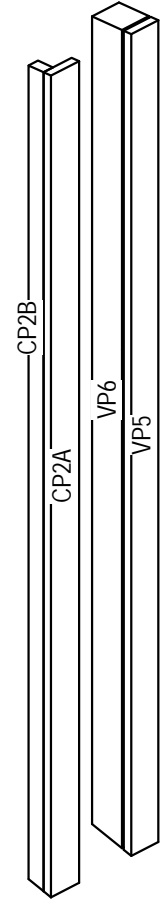


4)  $\frac{3}{4}'' = 1'-0''$

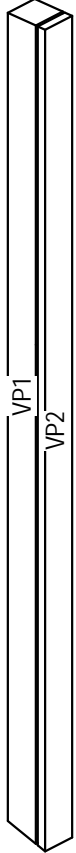


COMPONENT SCHEDULE				
ITEM #	COUNT	LENGTH	DESCRIPTION	
CORNER TRIM				
CP1A	2	18' - 10 11/16"	2X6 R.S. TIMBER W/ PITCH CUT TOP	
CP1B	2	18' - 10 1/8"	2X4 R.S. TIMBER W/ PITCH CUT TOP	
CP2A	2	14' - 11 11/16"	2X6 R.S. TIMBER W/ PITCH CUT TOP	
CP2B	2	14' - 11 1/8"	2X4 R.S. TIMBER W/ PITCH CUT TOP	
CP3A	2	9' - 1 1/8"	2X6 R.S. TIMBER W/ PITCH CUT TOP	
CP3B	2	9' - 2 5/16"	2X4 R.S. TIMBER W/ PITCH CUT TOP	
CP4A	2	10' - 1 1/8"	2X6 R.S. TIMBER W/ PITCH CUT TOP	
CP4B	2	10' - 2 5/16"	2X4 R.S. TIMBER W/ PITCH CUT TOP	
EYEBROW BEAM				
EB1	1	21' - 5 3/4"	6X10 R.S. TIMBER BEAM	
EB2	1	21' - 5 3/4"	4X10 R.S. TIMBER BEAM	
EYEBROW RAFTER				
ER1	5	7' - 10'	5 3/4" X8 R.S. TIMBER BEAM	
INTERIOR CORNER POST				
CR1	2	9' - 1 1/8"	3X3 R.S. TIMBER POST W/ PITCH CUT TOP	
CR2	2	15' - 0"	3X3 R.S. TIMBER POST W/ PITCH CUT TOP	
PORCH BEAM				
PB1	1	12' - 0"	5 1/2" X 8" R.S. TIMBER BEAM W/ PITCH CUT TOP	
PB2	1	6' - 6"	5 1/2" X 8" R.S. TIMBER BEAM W/ PITCH CUT TOP	
PB3	1	7' - 0"	5 1/2" X 8" R.S. TIMBER BEAM W/ PITCH CUT TOP	
PB4	1	15' - 6"	5 1/2" X 8" R.S. TIMBER BEAM W/ PITCH CUT TOP	
PORCH POST				
PP1	3	8' - 6 15/16"	5 1/2 X 5 1/2 R.S. TIMBER POST	
PP2	3	7' - 9 3/16"	5 1/2 X 5 1/2 R.S. TIMBER POST	
RAILROAD TRUSS				
BC1	1	13' - 11 1/2"	6X10 TIMBER BEAM	
RRP1	5	1' - 7 7/8"	6X6 R.S. TIMBER POST	
RRP2	2	1' - 7 7/8"	6X12 R.S. TIMBER POST	
TC1	1	13' - 11 1/2"	6X10 TIMBER BEAM	
ROOF RAFTER				
RP1	2	21' - 1 3/8"	5 3/4" X 8" R.S. TIMBER RAFTER	
RP2	2	16' - 0 9/16"	5 3/4" X 8" R.S. TIMBER RAFTER	
RP3	5	11' - 0 5/8"	5 3/4" X 8" R.S. TIMBER RAFTER	
RP4	5	9' - 5 11/16"	5 3/4" X8 R.S. TIMBER BEAM	
RP5	5	6' - 10 7/16"	5 3/4" X 8" R.S. TIMBER RAFTER	
RP6	5	8' - 7 1/8"	5 3/4" X 8" R.S. TIMBER RAFTER	
ROOF SUPPORT BEAM				
RB1	2	27' - 11"	6 3/4" X 24" GLULAM BEAM	
VERTICAL POST - EXTERIOR				
VP2	3	14' - 11 11/16"	5 3/4" X 2 R.S. TIMBER POST W/ PITCH CUT TOP	
VP4	5	18' - 1 5/8"	5 3/4" X 2 R.S. TIMBER POST W/ PITCH CUT TOP	
VP5	3	14' - 11 3/4"	5 3/4" X 2 R.S. TIMBER POST W/ PITCH CUT TOP	
VERTICAL POST - INTERIOR				
VP1	3	14' - 11"	5 3/4" X 7 1/2" R.S. TIMBER POST W / PITCH CUT TOP	
VP3	5	18' - 0 7/8"	5 3/4" X 7 1/2" R.S. TIMBER POST W / PITCH CUT TOP	
VP6	3	14' - 11"	5 3/4" X 7 1/2" R.S. TIMBER POST W / PITCH CUT TOP	

NOTE: COMPONENTS SHOWN ARE INCLUDED IN PACKAGE



SEE SHOP DRAWINGS FOR  
RAILROAD TRUSS BRACKET SPECS




## COMPONENT ISOMETRIC

SHEET TITLE:  
**COMPONENT ISOMETRIC**

SHEET NO.:

PLAN NO.:  
**7014-000**

**Whisper Creek**  
By Rocky Mountain Homes

1883 Highway 83 South  
Hamilton, MT 59840  
ph. 406.363.5680  
fx. 406.363.0537  
wchdesign@rnmh.com

THESE PLANS, DRAWINGS, AND DESIGNS ARE THE PROPERTY OF WHISPER CREEK LOG HOMES (WCLH). ALL RIGHTS RESERVED AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE EXPRESSED WRITTEN CONSENT FROM AN OFFICER OF WCLH. UNDER PENALTY OF PROSECUTION, THESE PLANS ARE RELEASED FOR CONSTRUCTION ON THE SITE DESCRIBED HEREON AND NO OTHER.

THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION, DESIGN, AND ENGINEERING PRACTICE IN NUMEROUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGNS INCORPORATED IN WHISPER CREEK LOG HOMES (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH ARCHITECT OR ENGINEER OF RECORD (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND DESIGNS PRESENTED. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICABILITY OF THE DESIGN. ANY AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED IN WRITING BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATIONS TO THE PLANS AND WALLS.

ARCHITECT/ENGINEER OF RECORD:

REVISIONS

No.	By:	Date:	

PROJECT NAME:  
**SUMMIT**

OWNER:  
**JUSTIN MEYER**

ADDRESS:  
**CABIN SITE 66  
SAN MIGUEL COUNTY, CO**

DRAWING TITLE:  
**COMPONENT ISOMETRIC**

PROJECT NO.:  
**7014-000**

FINAL

DRAWN BY:  
JCF

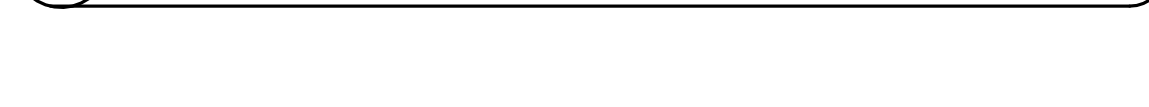
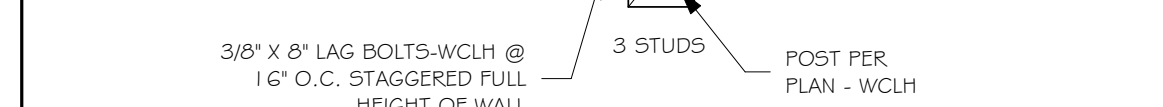
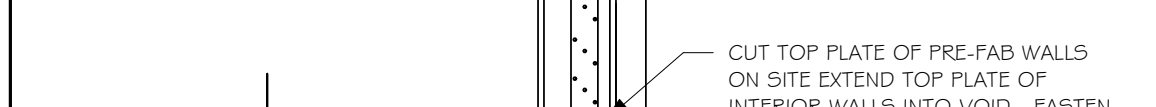
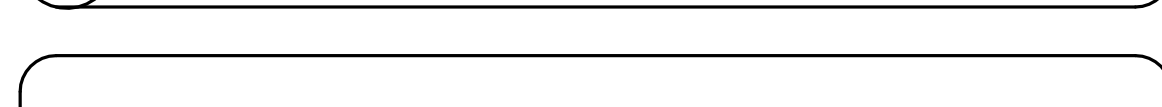
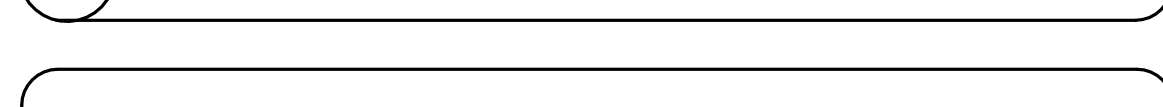
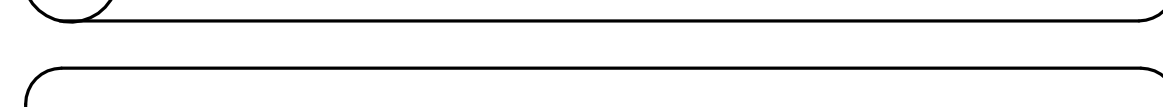
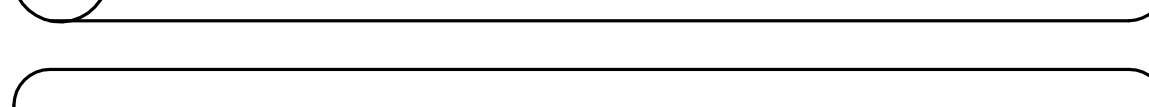
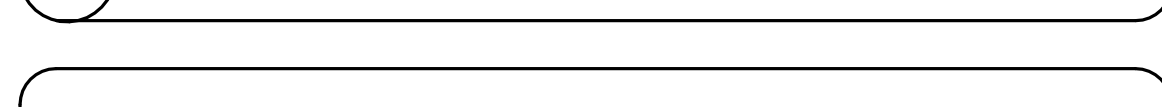
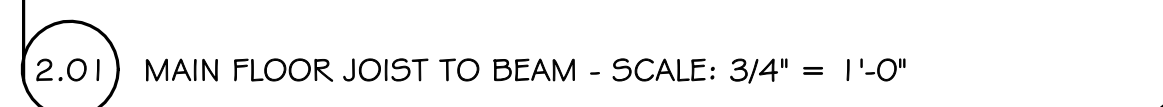
CHECKED BY:  
MANAGER

DATE:  
11/22/2017 8:53:12 AM

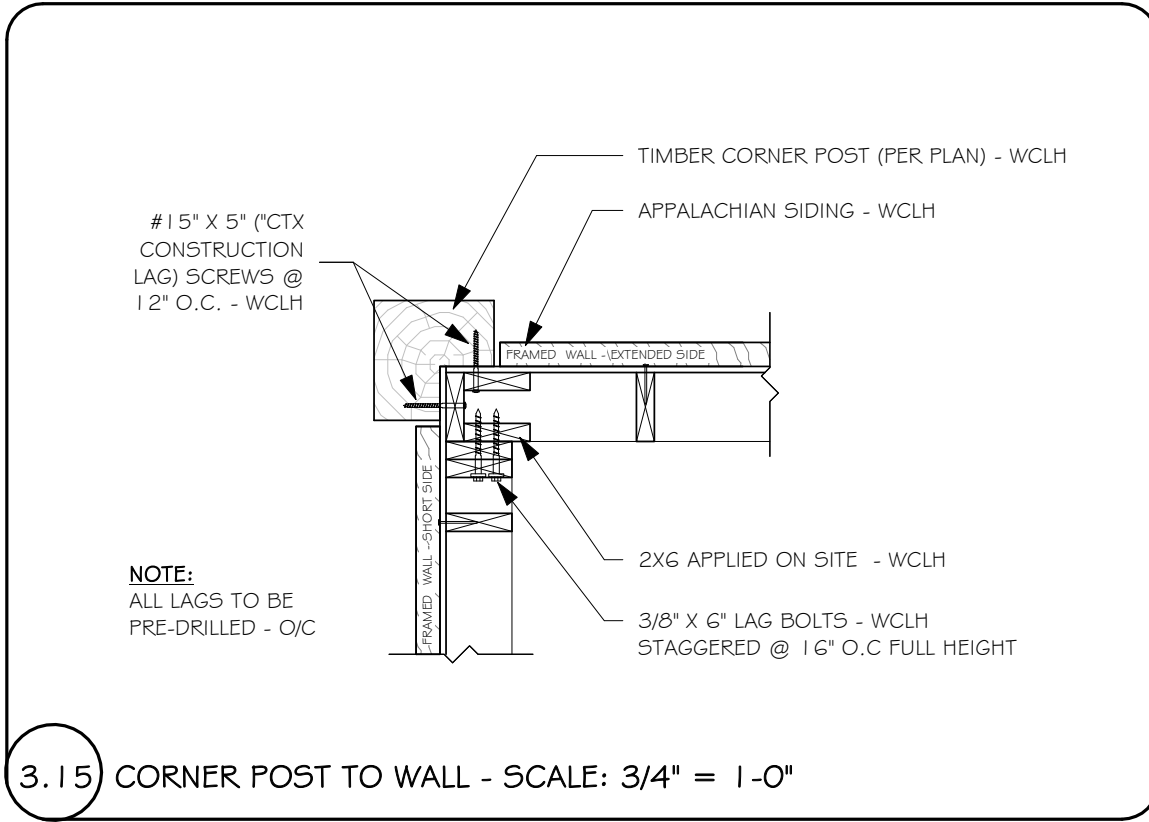
SHEET NO.:  
**A4.0**

FILE PATH: F:\Consulting\Work\Body Mountain Homes\WCL\Hilgner - Summit\BayMeyer-Summit\_11-17-2017.rvt

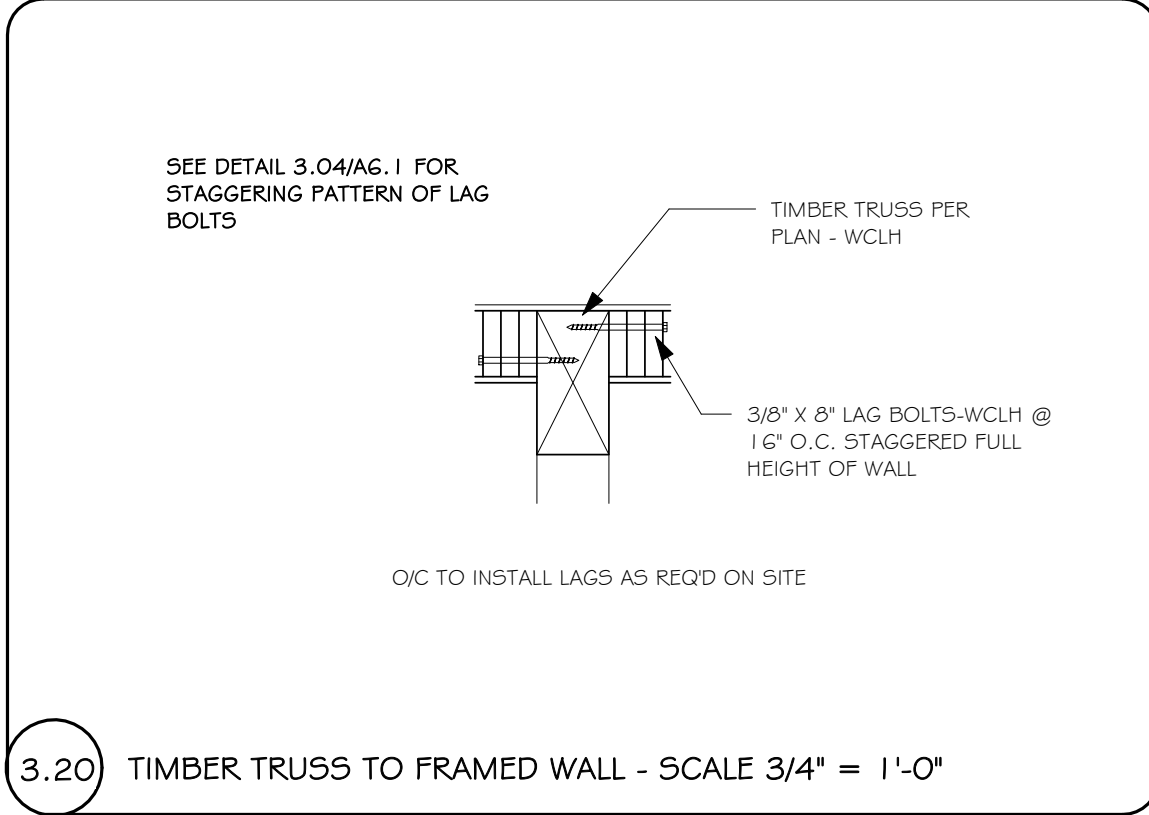




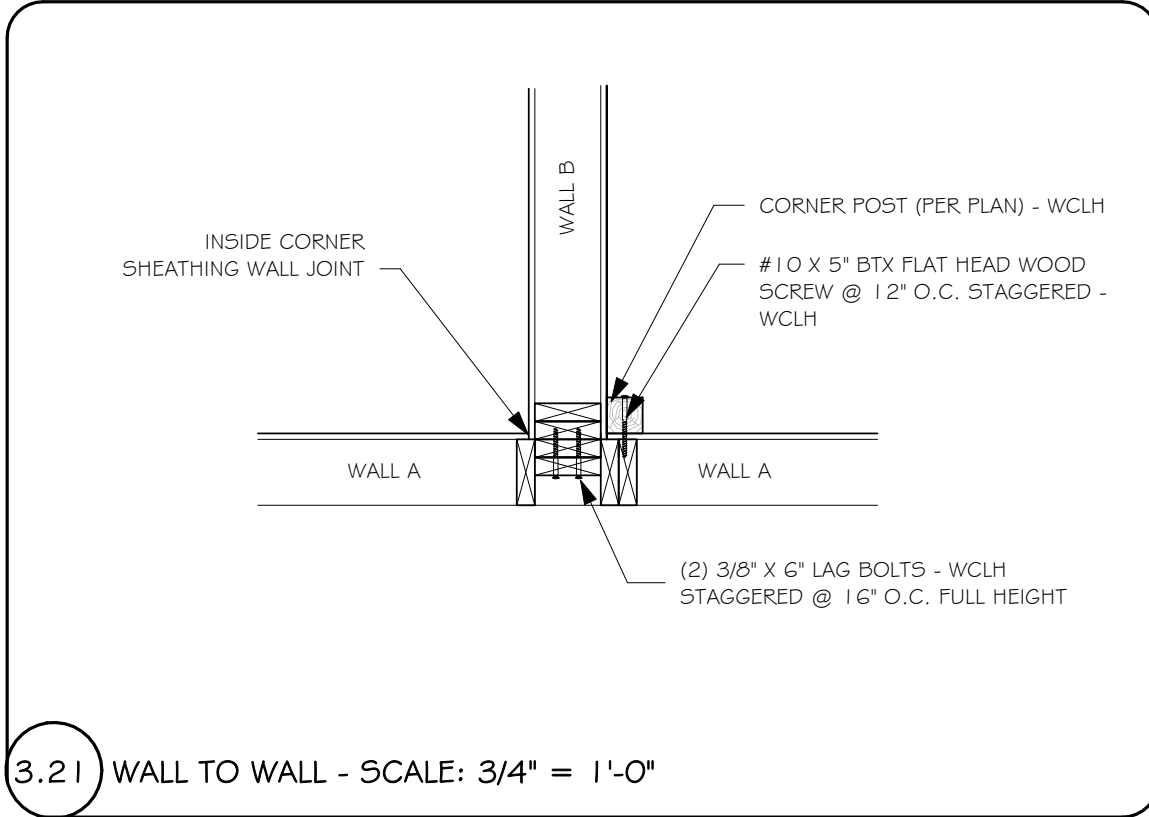




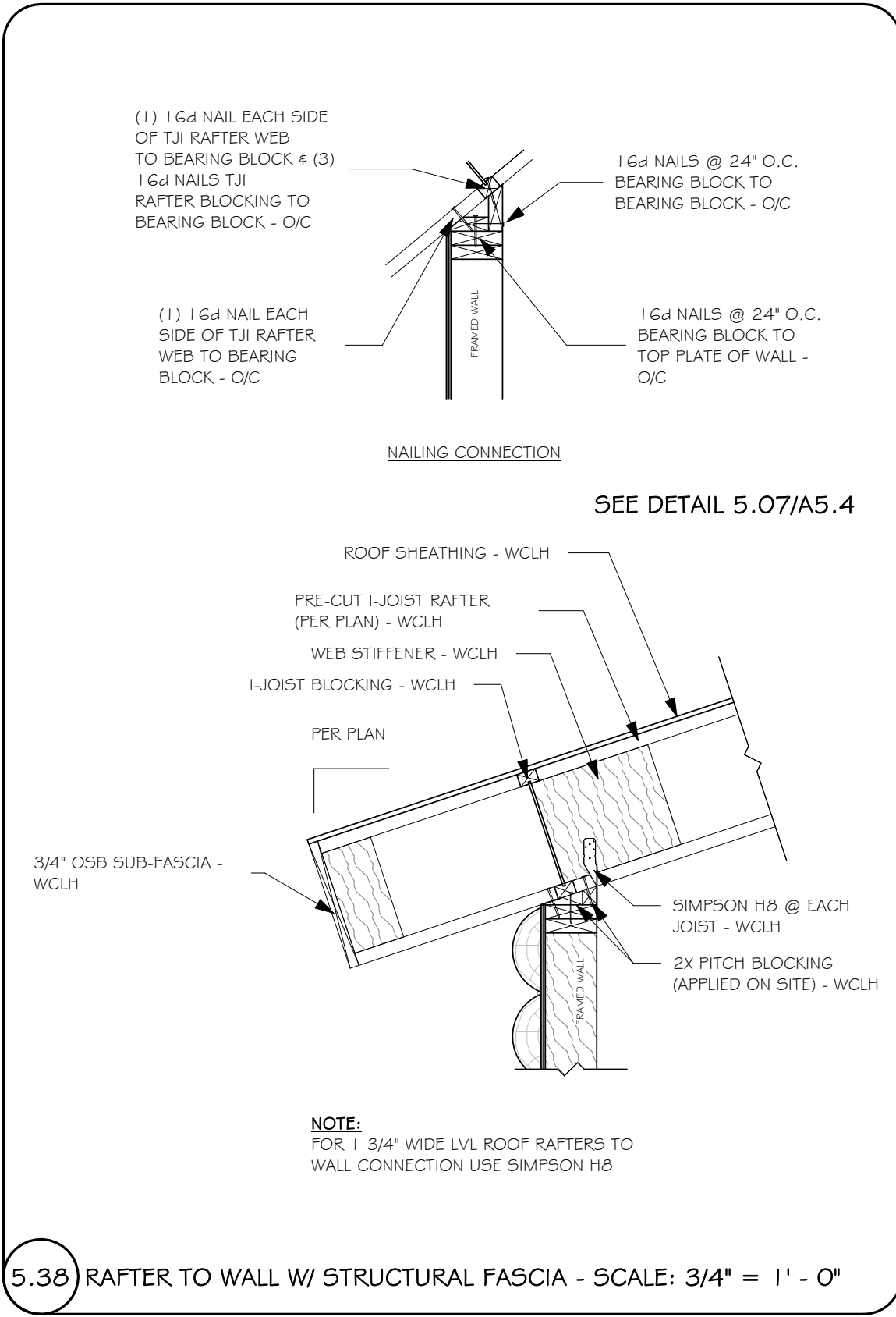
3.15 CORNER POST TO WALL - SCALE: 3/4" = 1'-0"



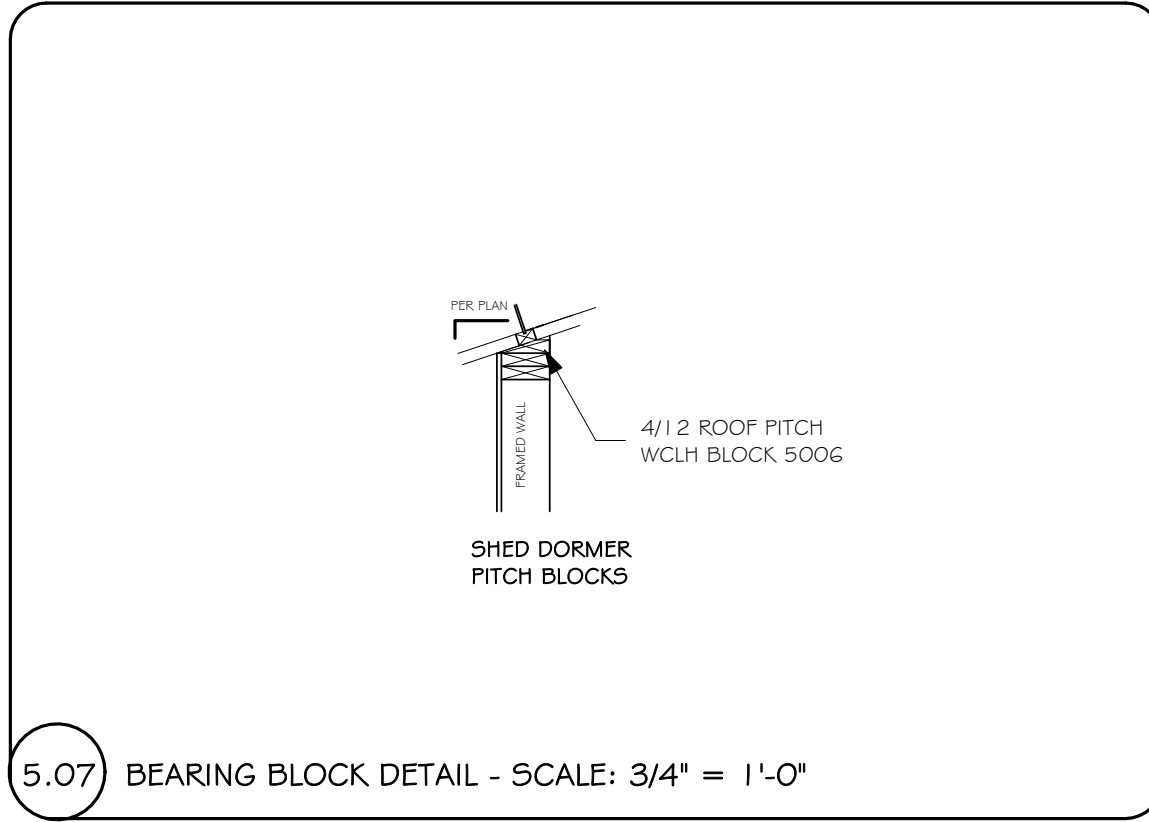
3.20 TIMBER TRUSS TO FRAMED WALL - SCALE 3/4" = 1'-0"



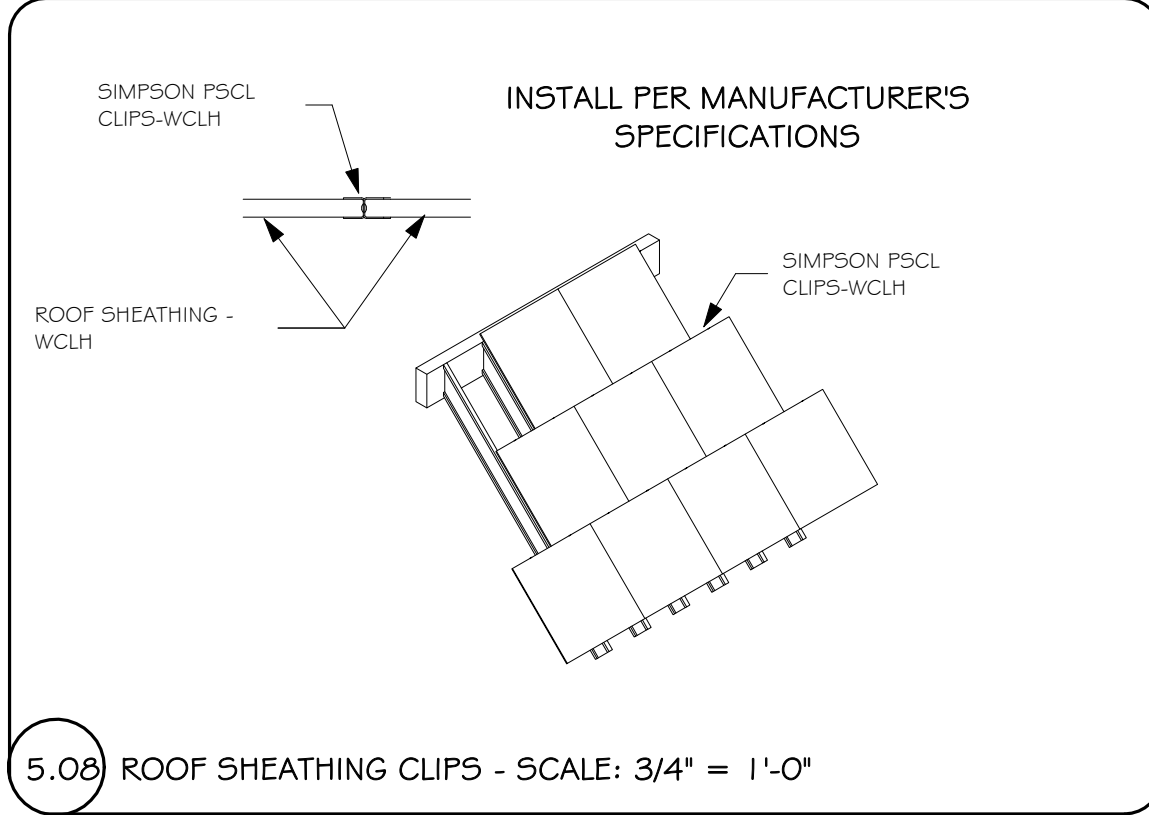
3.21 WALL TO WALL - SCALE: 3/4" = 1'-0"



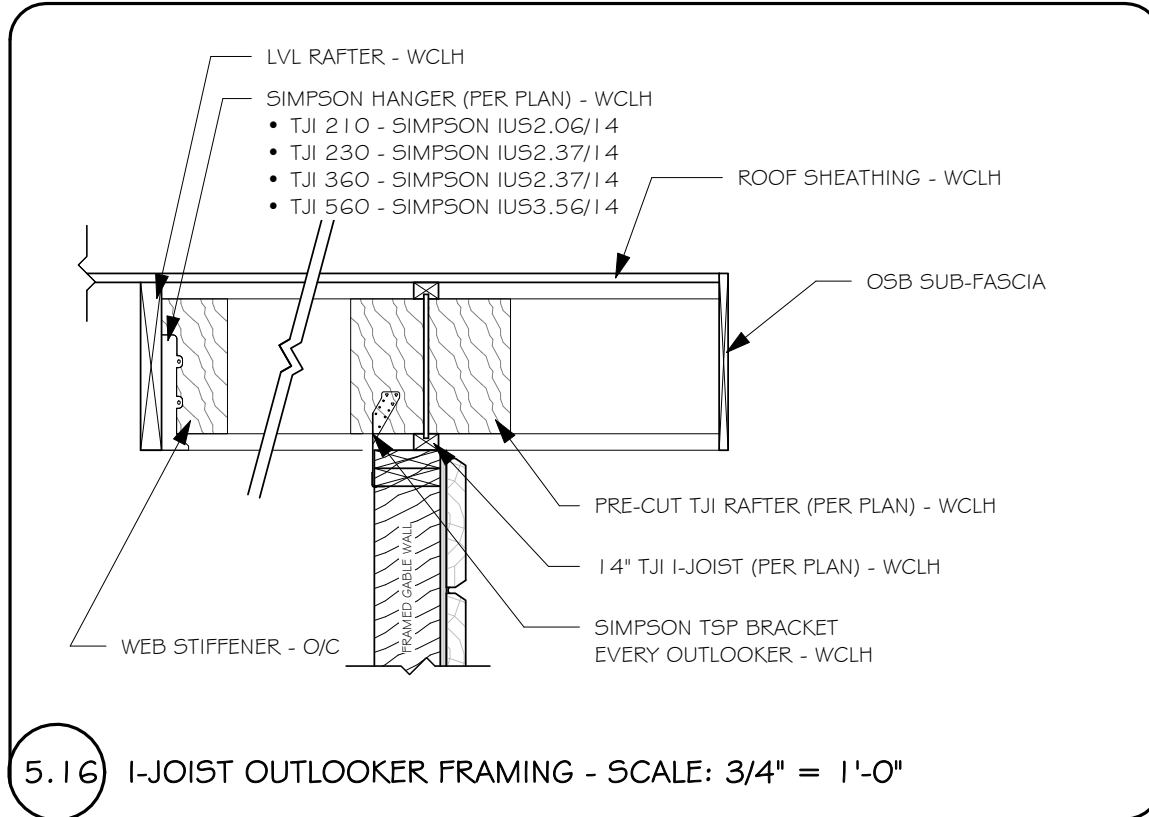
5.38 RAFTER TO WALL W/ STRUCTURAL FASCIA - SCALE: 3/4" = 1' - 0"



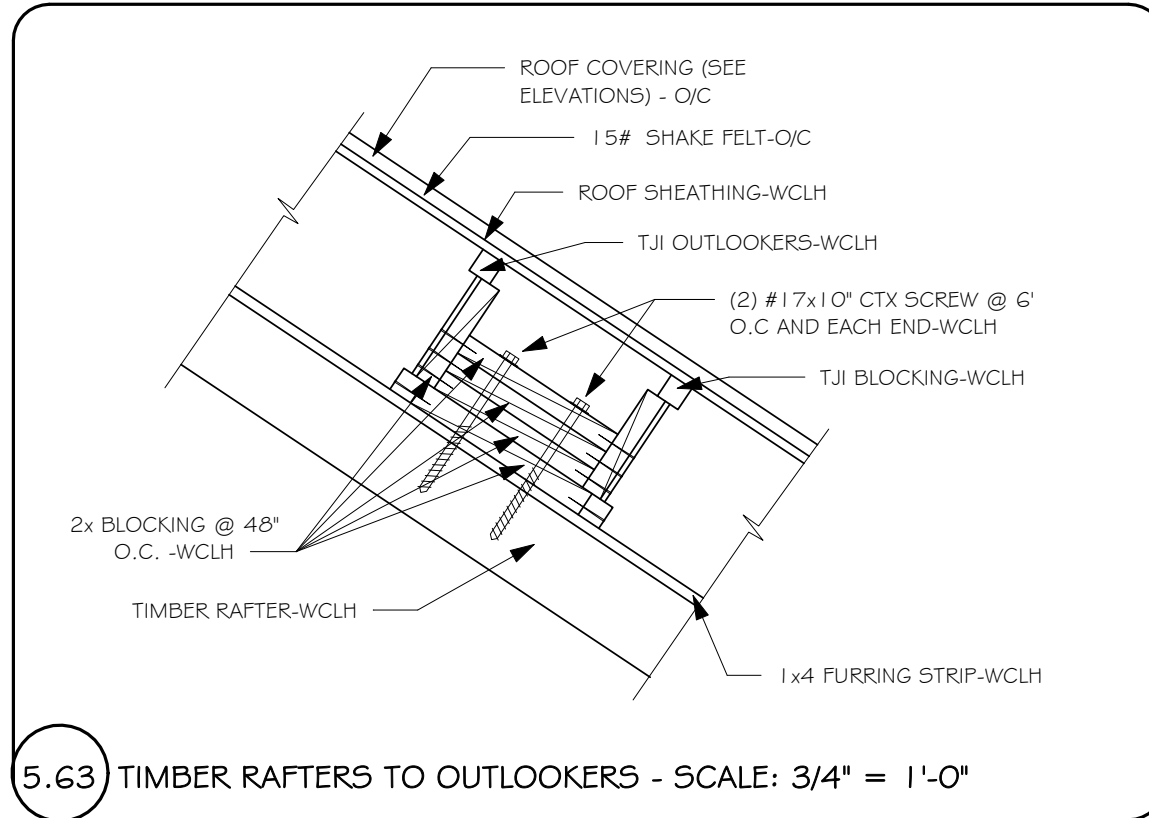
5.07 BEARING BLOCK DETAIL - SCALE: 3/4" = 1'-0"



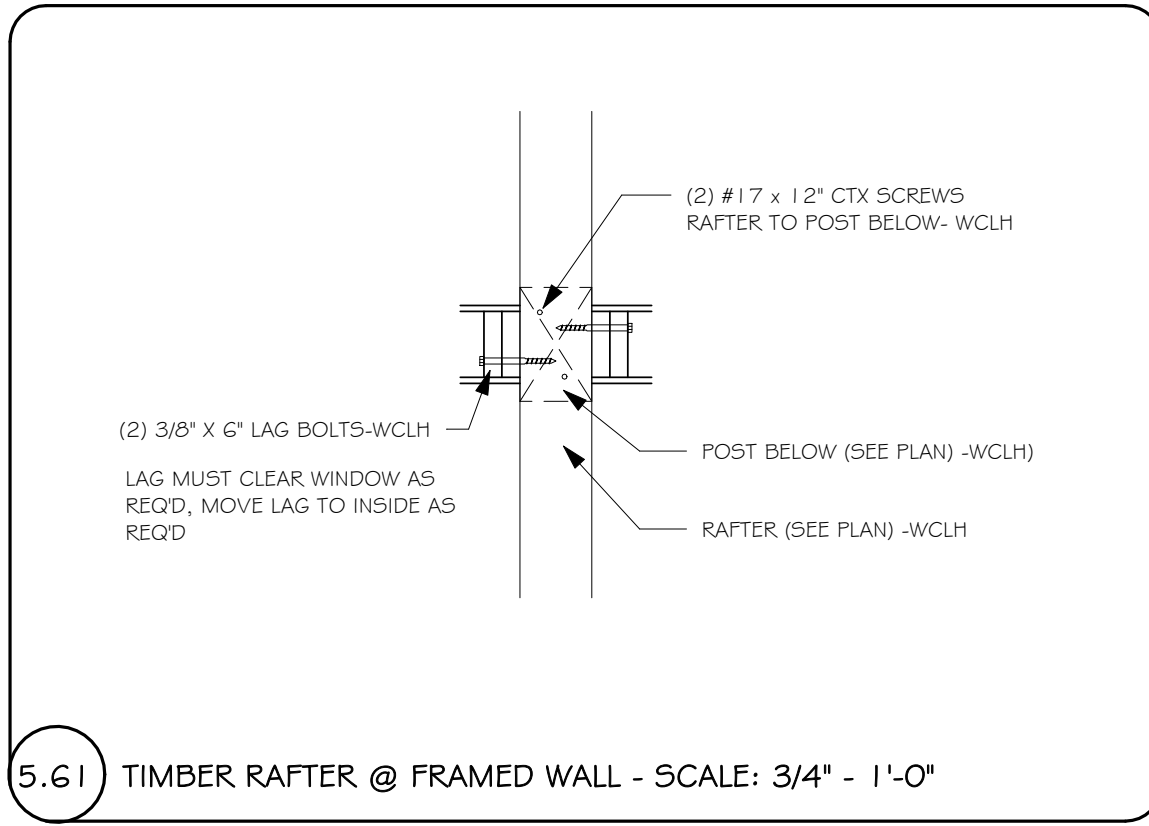
5.08 ROOF SHEATHING CLIPS - SCALE: 3/4" = 1'-0"



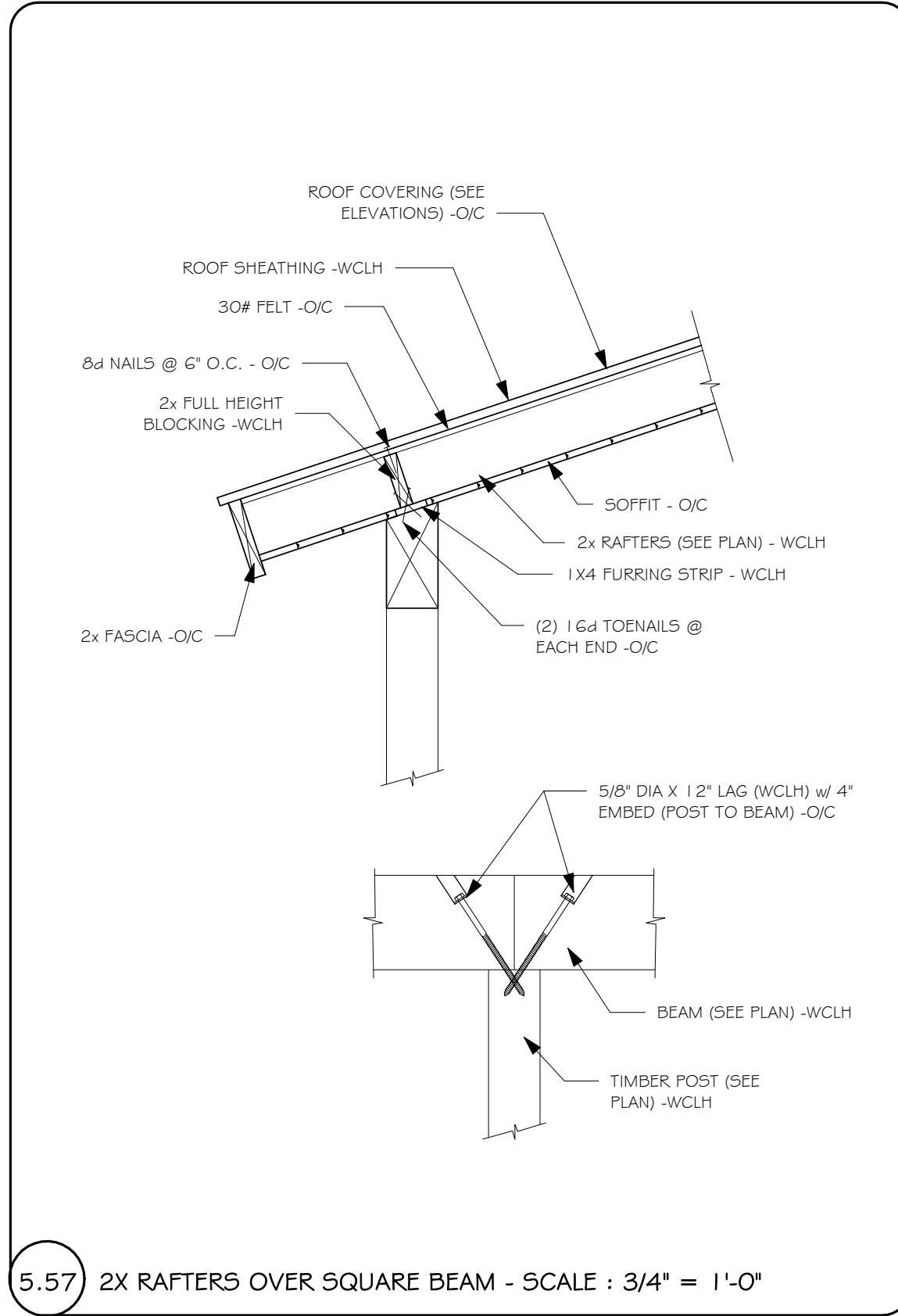
5.16 I-JOIST OUTLOOKER FRAMING - SCALE: 3/4" = 1'-0"



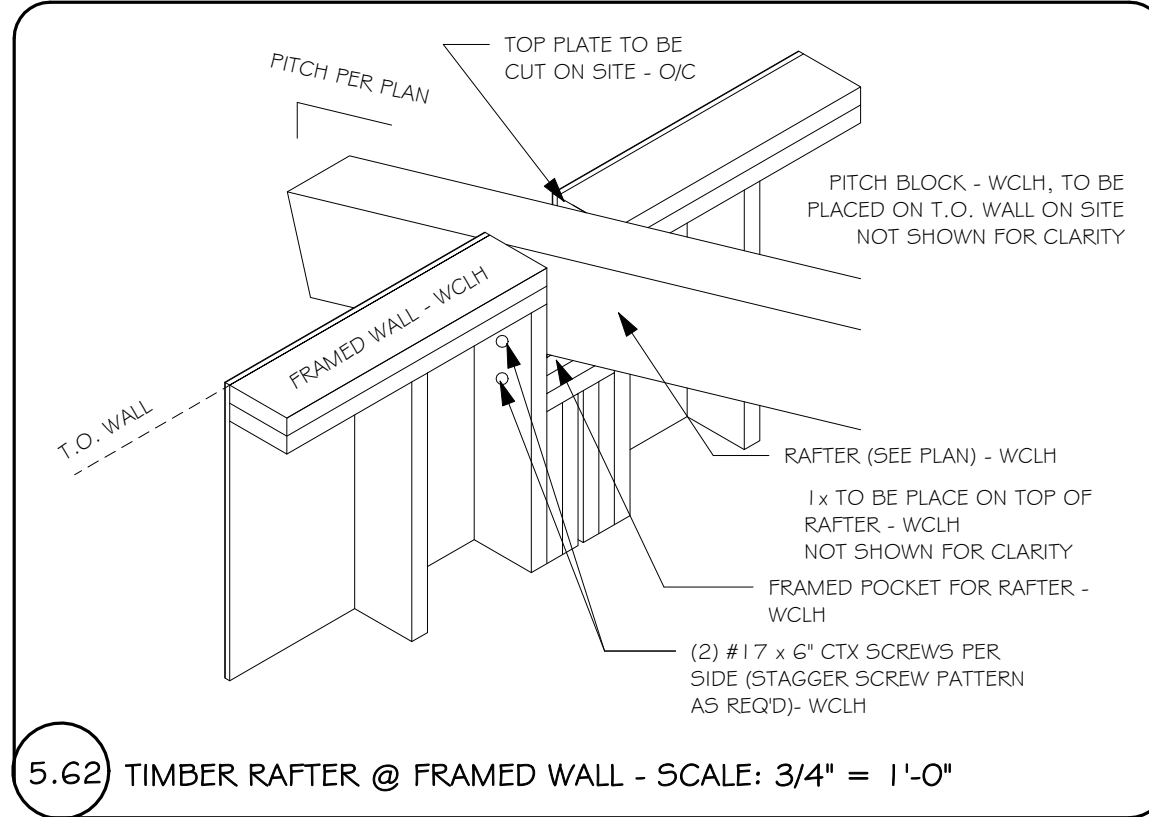
5.63 TIMBER RAFTERS TO OUTLOOKERS - SCALE: 3/4" = 1'-0"



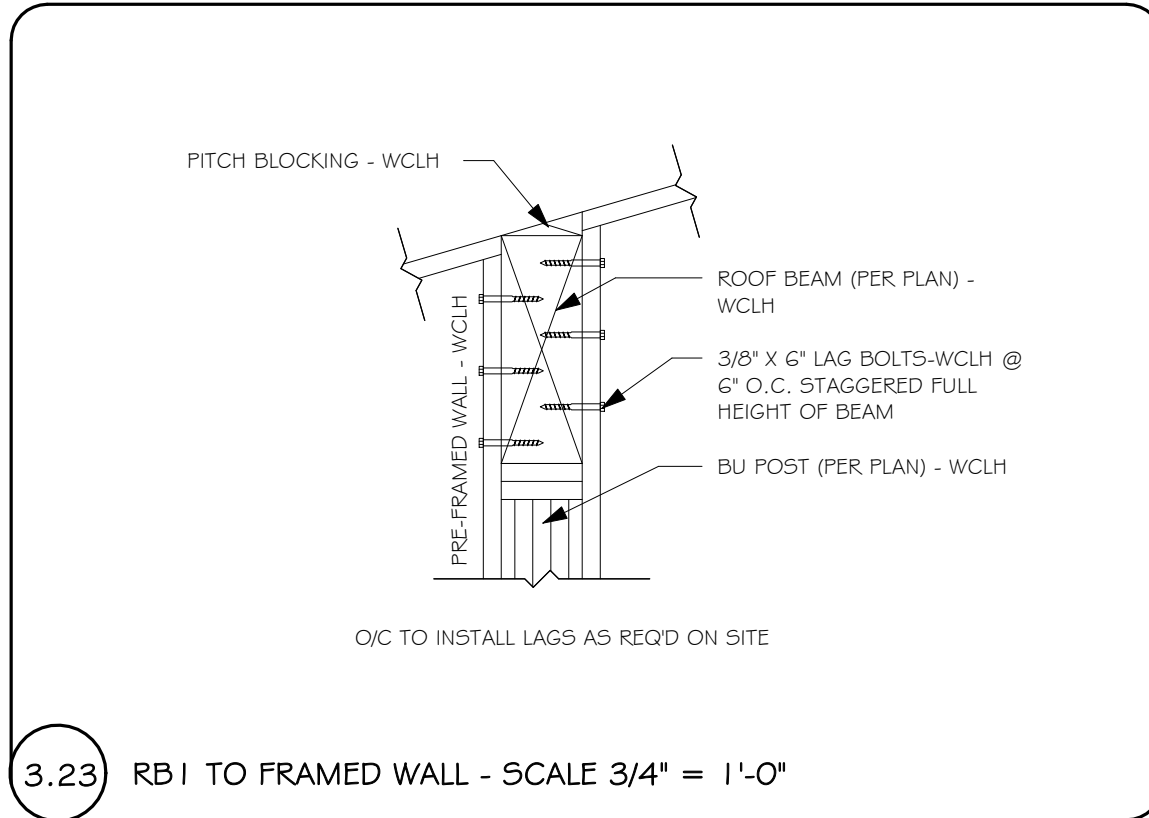
5.61 TIMBER RAFTER @ FRAMED WALL - SCALE: 3/4" - 1'-0"



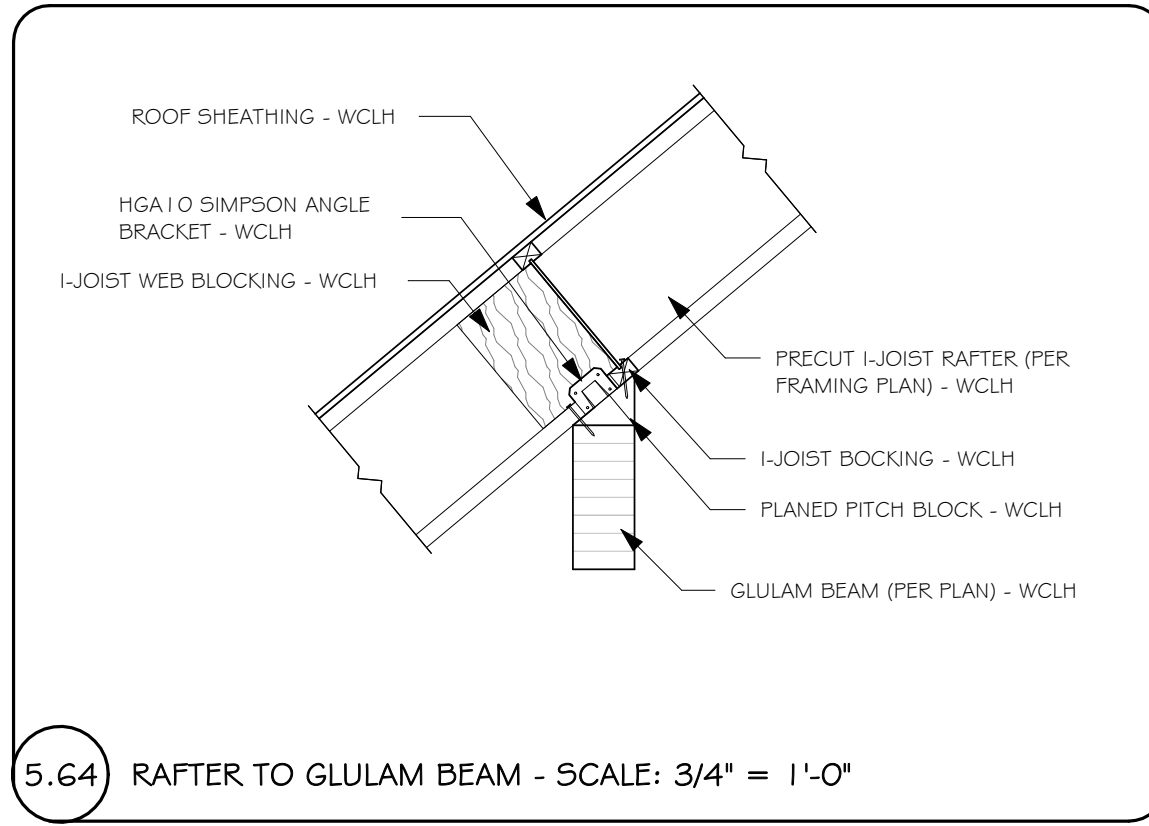
5.57 2X RAFTERS OVER SQUARE BEAM - SCALE : 3/4" = 1'-0"



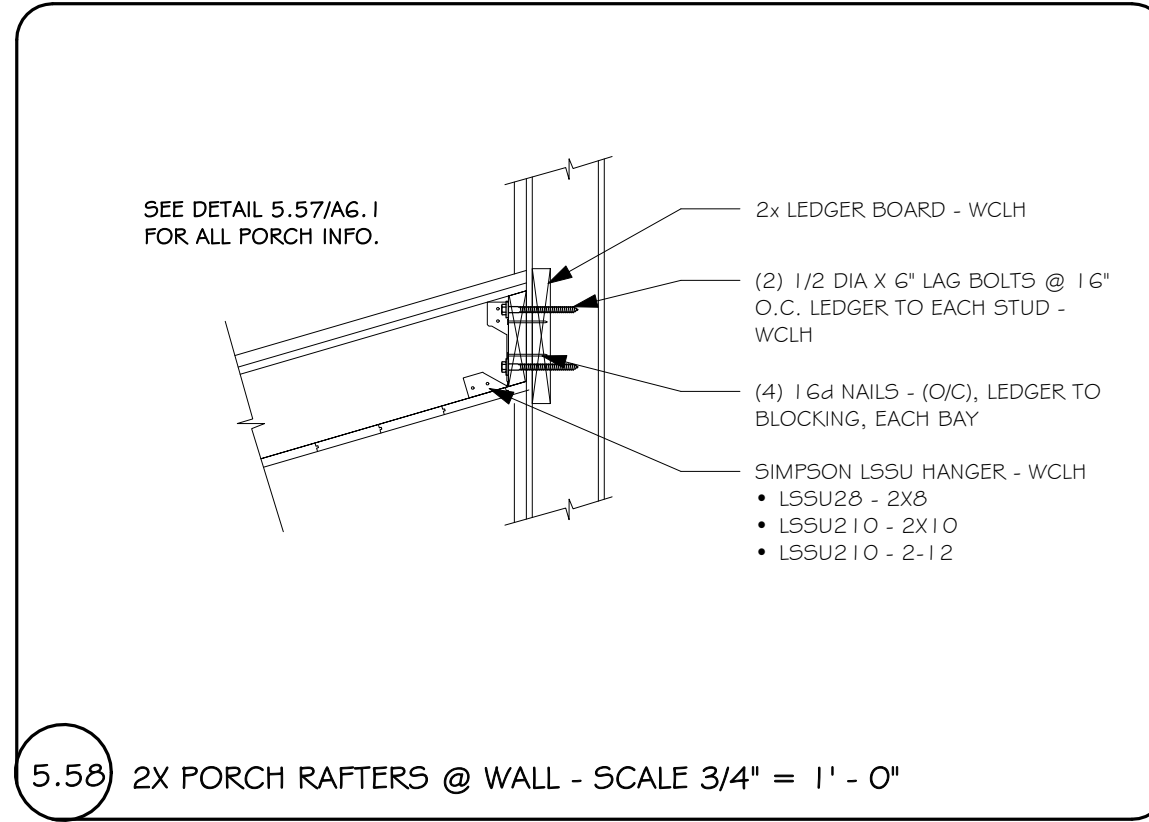
5.62 TIMBER RAFTER @ FRAMED WALL - SCALE: 3/4" = 1'-0"



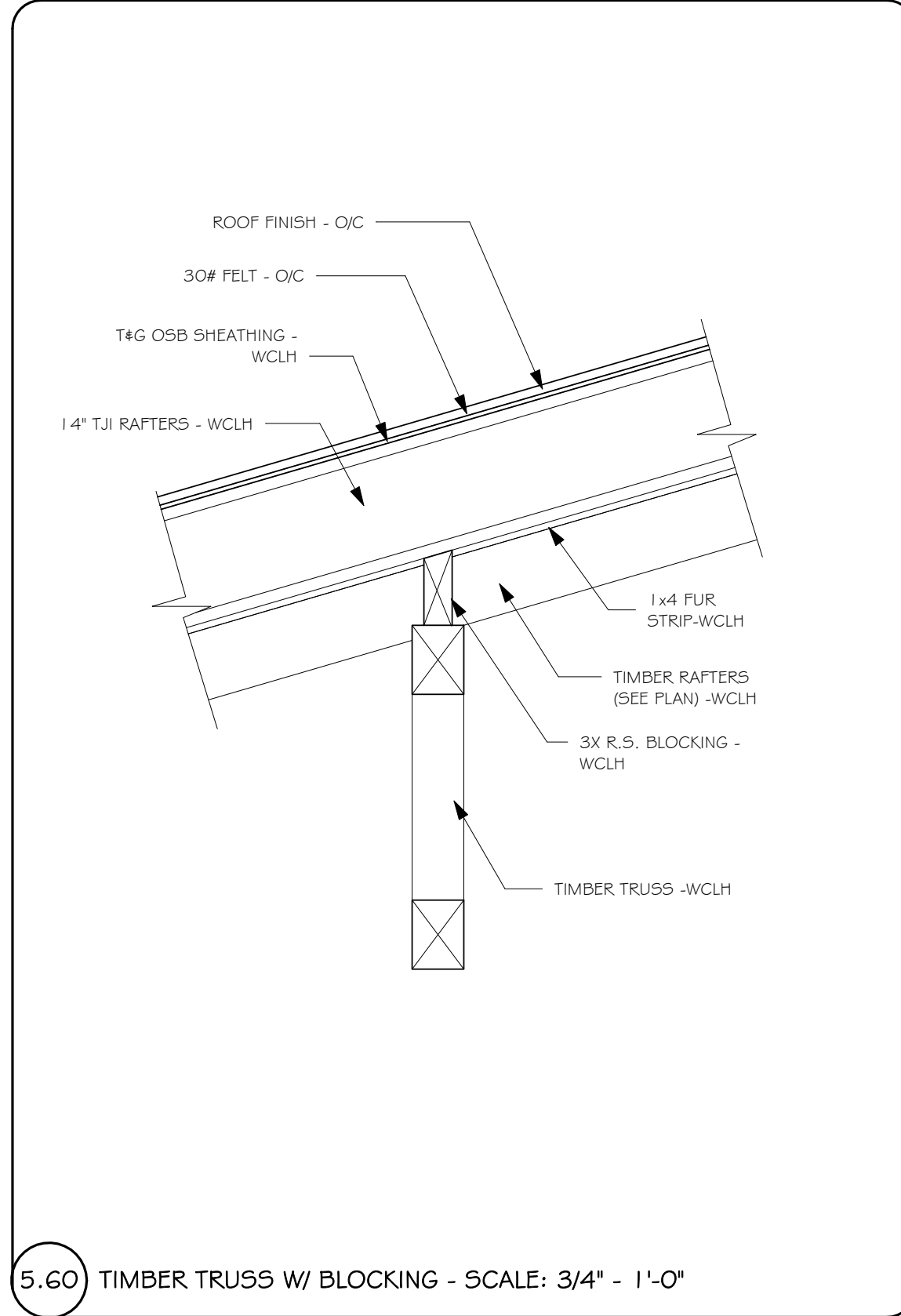
3.23 RB1 TO FRAMED WALL - SCALE 3/4" = 1'-0"



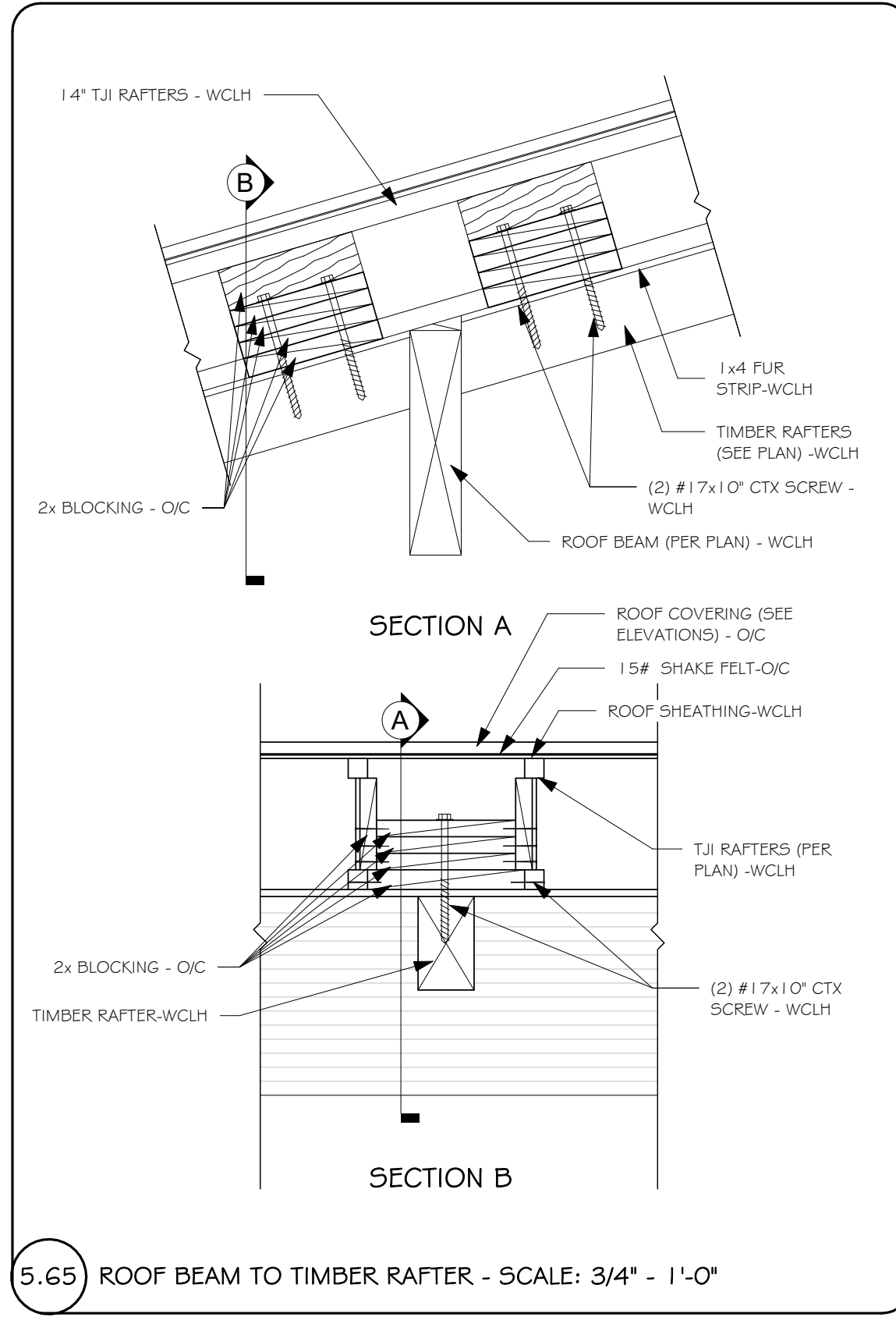
5.64 RAFTER TO GLULAM BEAM - SCALE: 3/4" = 1'-0"



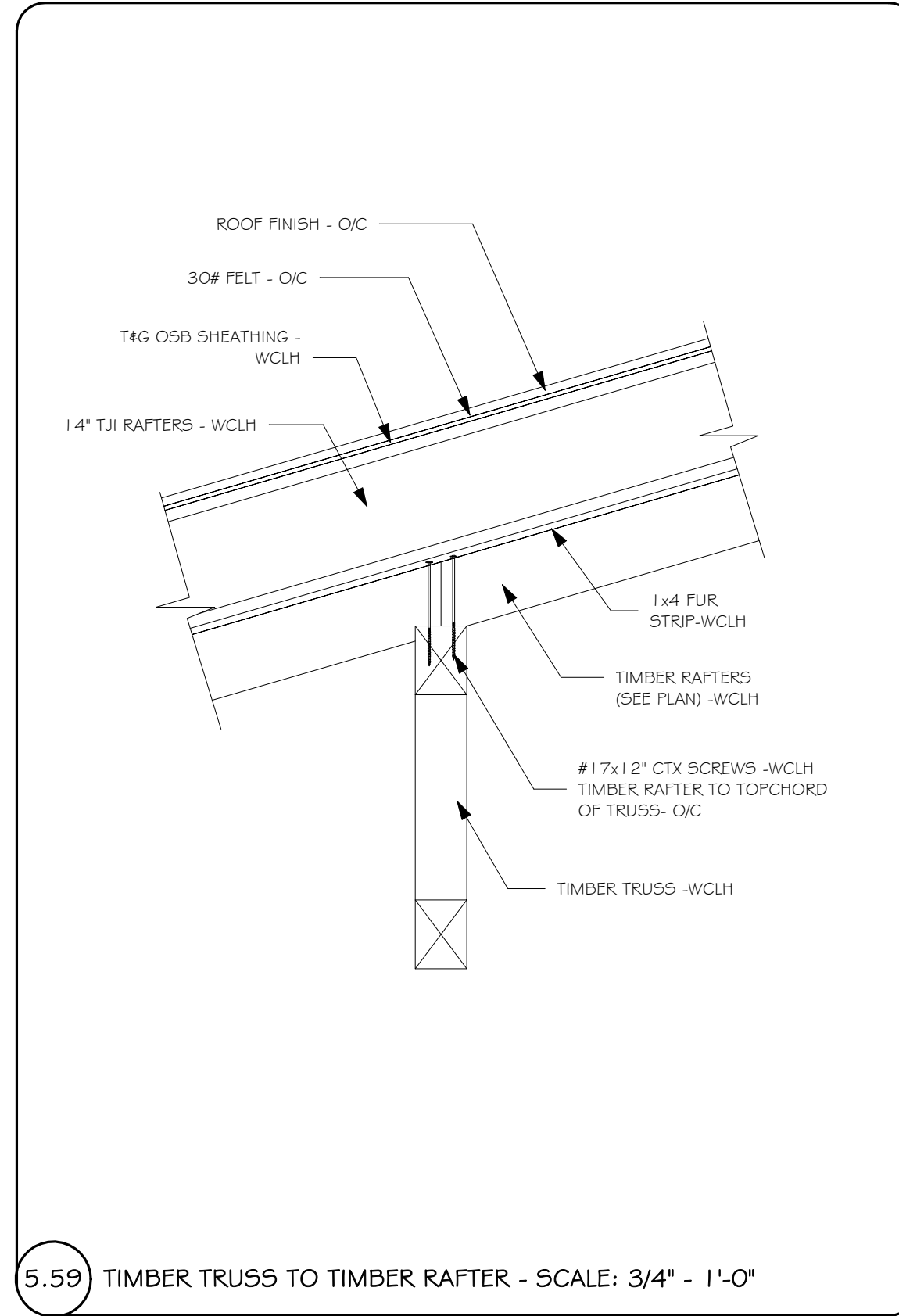
5.58 2X PORCH RAFTERS @ WALL - SCALE 3/4" = 1' - 0"



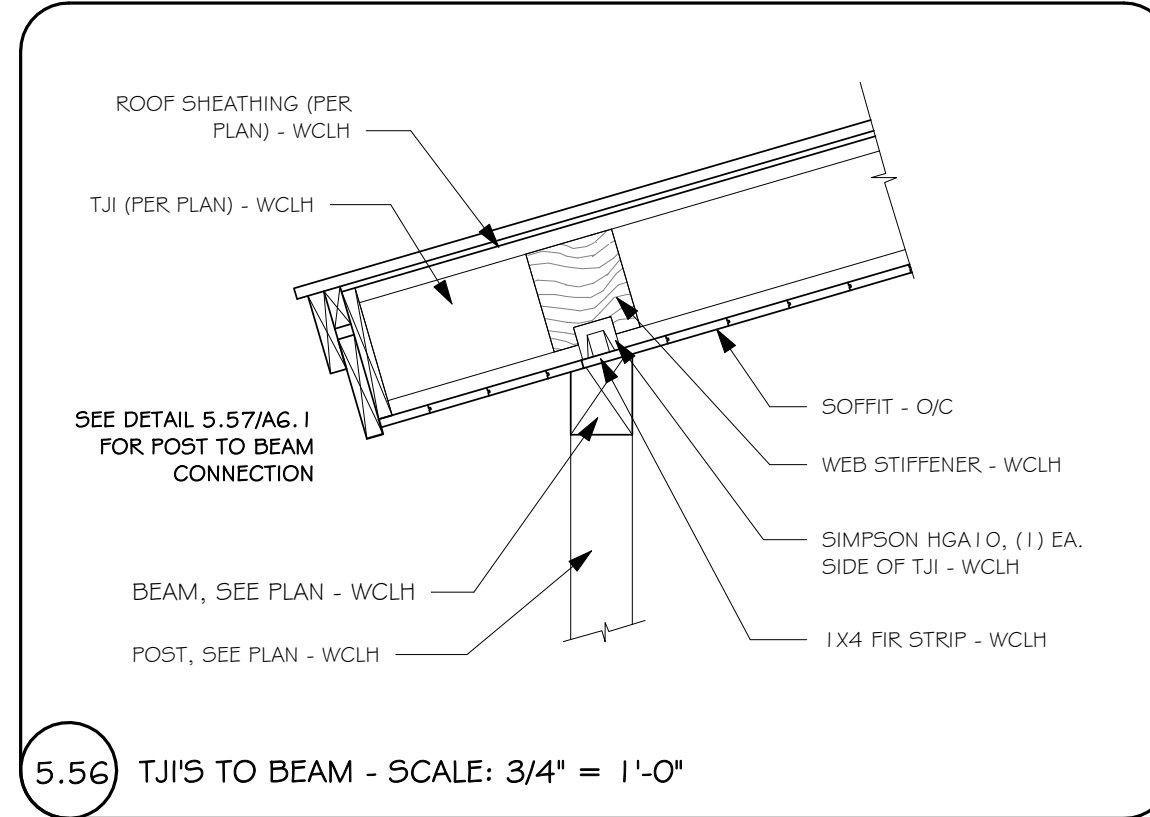
5.60 TIMBER TRUSS W/ BLOCKING - SCALE: 3/4" - 1'-0"



5.65 ROOF BEAM TO TIMBER RAFTER - SCALE: 3/4" - 1'-0"



5.59 TIMBER TRUSS TO TIMBER RAFTER - SCALE: 3/4" - 1'-0"



5.56 TJ1'S TO BEAM - SCALE: 3/4" = 1'-0"

FRAMING DETAILS

SHEET NO. 7014-000

A6.1

Whisper Creek

By Rocky Mountain Homes

1883 Highway 93 South  
Hamilton, MT 59840  
ph. 406.363.6680  
fx. 406.363.6537  
wchdesign@rnmh.com

THESE PLANS, DRAWINGS, AND DESIGNS ARE THE PROPERTY OF WHISPER CREEK LOG HOMES (WCLH). ALL RIGHTS RESERVED AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE EXPRESSED WRITTEN CONSENT FROM AN OFFICER OF WCLH. UNDER PENALTY OF PROSECUTION THESE PLANS ARE RELEASED FOR CONSTRUCTION ON THE SITE DESCRIBED HEREON AND NO OTHER.

THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION DESIGN, AND ENGINEERING PRACTICE IN NUMEROUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGNS INCORPORATED IN WHISPER CREEK LOG HOMES (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH ARCHITECT OR ENGINEER OF RECORD (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND DESIGNS PRESENTED. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICABILITY OF THE DESIGN. ANY AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED IN WRITING BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATIONS TO THE PLANS AND WALLS.

ARCHITECT/ENGINEER OF RECORD:  
KIMLY C. MANGUM  
ARC-305652  
8/2/2017 May 2, 2017  
STRUCTURAL ONLY

REVISIONS  
No. By: Date:  


PROJECT NAME:  
SUMMIT

OWNER:  
JUSTIN MEYER

ADDRESS:  
CABIN SITE 66  
SAN MIGUEL COUNTY, CO

DRAWING TITLE:  
FRAMING DETAILS

PROJECT NO.:  
7014-000

FINAL

DRAWN BY: JCF  
CHECKED BY: MANAGER  
DATE: 11/22/2017 8:53:26 AM  
SHEET NO.:  
A6.1

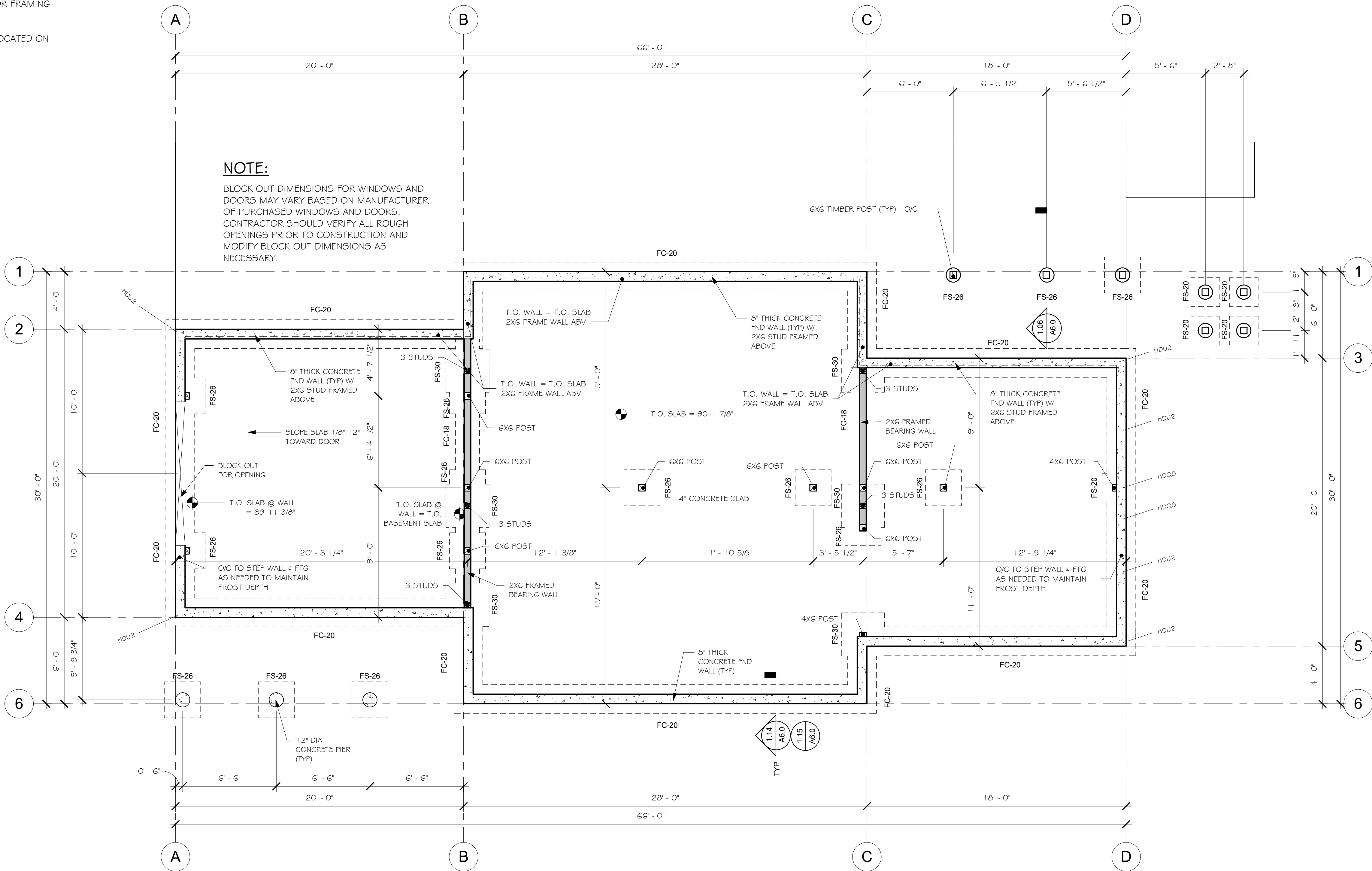


1/22/2017 8:53:27 AM F:\Consulting\Work\Rocky Mountain Homes\WCL\Hillier - Summit\Bentley\Summit\_11-17-2017.rvt

1/22/2017 8:53:27 AM

## FOOTING & FOUNDATION PLAN NOTES

1. THIS IS ONE PAGE OF A SET OF PROJECT DOCUMENTS, AND MAY NOT BE USED ALONE. THE CONTRACTOR, SUBCONTRACTORS AND OWNER, AS PART OF THE PROJECT TEAM, SHALL REVIEW AND BE RESPONSIBLE FOR INFORMATION CONTAINED IN ALL PROJECT DOCUMENTS PRIOR TO INITIATION OF ANY WORK ON THE PROJECT.
2. DETAILS ARE NOTED ON THE PLANS IN TYPICAL LOCATIONS AND SHALL BE REPEATED WHERE SIMILAR CONDITIONS EXIST. SEE TYPICAL DETAILS AND GENERAL NOTES.
3. SEE SHEETS S-4.0 FOR STRUCTURAL NOTES & DETAILS.
4. SEE PLANS, SHEAR WALL NOTES, AND SCHEDULE FOR WALL SHEATHING AND ANCHOR BOLTS. U.N.O. MINIMUM ANCHOR BOLTS SHALL BE 5/8" Ø WITH 7 INCHES MIN EMBED INSTALLED AT 32 INCHES MAX ON CENTER. PLATE WASHERS A MINIMUM OF 3 INCHES BY 3 INCHES BY 1/4 INCH THICK SHALL BE USED ON EACH BOLT.
5. FOUNDATION WALLS SHALL BE LATERALLY SUPPORTED UNTIL SUPPORT MEMBERS (FLOOR FRAMING AND SLABS) HAVE BEEN INSTALLED.
6. BASEMENT WINDOWS SHALL BE INSTALLED TO MEET EGRESS, LIGHT AND VENTILATION REQUIREMENTS PER IBC. WINDOWS, FRAMES AND AREA WELLS ARE FURNISHED AND LOCATED ON SITE BY CONTRACTOR.



### LEGEND

- FC-18 INDICATES FOOTING TYP. SEE FOOTING SCHEDULE.  
F- -S INDICATES STP IN FOOTING SEE FOOTING & FOUNDATION DETAIL.  
HDQ&PHD2/MST48 INDICATES LOCATIONS FOR SIMPSON HOLDOWN. SEE NOTES & HOLDOWN DETAILS.

### FOOTING SCHEDULE

SEE STRUCTURAL DESIGN INFORMATION & STRUCTURAL NOTES FOR DESIGN CRITERIA

CROSSWISE REINFORCING				LENGTHWISE REINFORCING			
NO.	WIDTH	LENGTH	THICKNESS	NO.	SIZE	LENGTH	NO. SIZE LENGTH
FC-18	1' - 8"	CONT.	8"	2	#4	CONT.	
FC-20	2' - 0"	CONT.	10"	2	#4	CONT.	
FS-20	2' - 0"	2' - 0"	10"	2	#4	1' - 6"	2 #4 1' - 6"
FS-26	2' - 6"	2' - 6"	10"	3	#4	2' - 0"	3 #4 2' - 0"
FS-30	3' - 0"	3' - 0"	10"	3	#4	2' - 6"	3 #4 2' - 6"
FS-36	3' - 6"	3' - 6"	12"	4	#4	3' - 0"	4 #4 3' - 0"

SPACE REINF. EVENLY THROUGH FOOTING W/ 3" CLEARANCE AT OUTSIDE EDGE

### FTG & FOUNDATION PLAN

1/4" = 1'-0"

FOUNDATION PLAN  
SHEET NO. 7014-000  
S1.0

**Whisper Creek**  
By Rocky Mountain Homes  
1883 Highway 93 South  
Hamilton, MT 59840  
ph. 406.363.6680  
fx. 406.363.6537  
wchdesign@rmh.com

THESE PLANS, DRAWINGS, AND DESIGNS ARE THE PROPERTY OF WHISPER CREEK LOG HOMES (WCLH). ALL RIGHTS RESERVED AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE EXPRESSED WRITTEN CONSENT FROM AN OFFICER OF WCLH. UNDER PENALTY OF PROSECUTION THESE PLANS ARE RELEASED FOR CONSTRUCTION ON THE SITE DESCRIBED HEREON AND NO OTHER.

THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION DESIGN, AND ENGINEERING PRACTICE IN NUMEROUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGNS INCORPORATED IN WHISPER CREEK LOG HOMES (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH ARCHITECT OR ENGINEER OF RECORD (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND DESIGNS PRESENTED. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICABILITY OF THE DESIGN. ANY AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED IN WRITING BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATIONS TO THE PLANS AND WALLS.

ARCHITECT/ENGINEER OF RECORD:  
**KIMMY C. MANGUM**  
ARC-305652  
8/2/2017 May 2, 2017  
STRUCTURAL ONLY

REVISIONS		
No.	By:	Date:

PROJECT NAME:  
**SUMMIT**

OWNER:  
**JUSTIN MEYER**

ADDRESS:  
**CABIN SITE 66  
SAN MIGUEL COUNTY, CO**

DRAWING TITLE:  
**FOUNDATION PLAN**

PROJECT NO.:  
**7014-000**  
DRAWN BY: JCF  
CHECKED BY: MANAGER  
DATE: 11/22/2017 8:53:27 AM  
SHEET NO.:  
**S1.0**

FILE PATH: F:\Consulting\Work\Rocky Mountain Homes\WCL\Hillier - Summit\Bentley\Summit\_11-17-2017.rvt

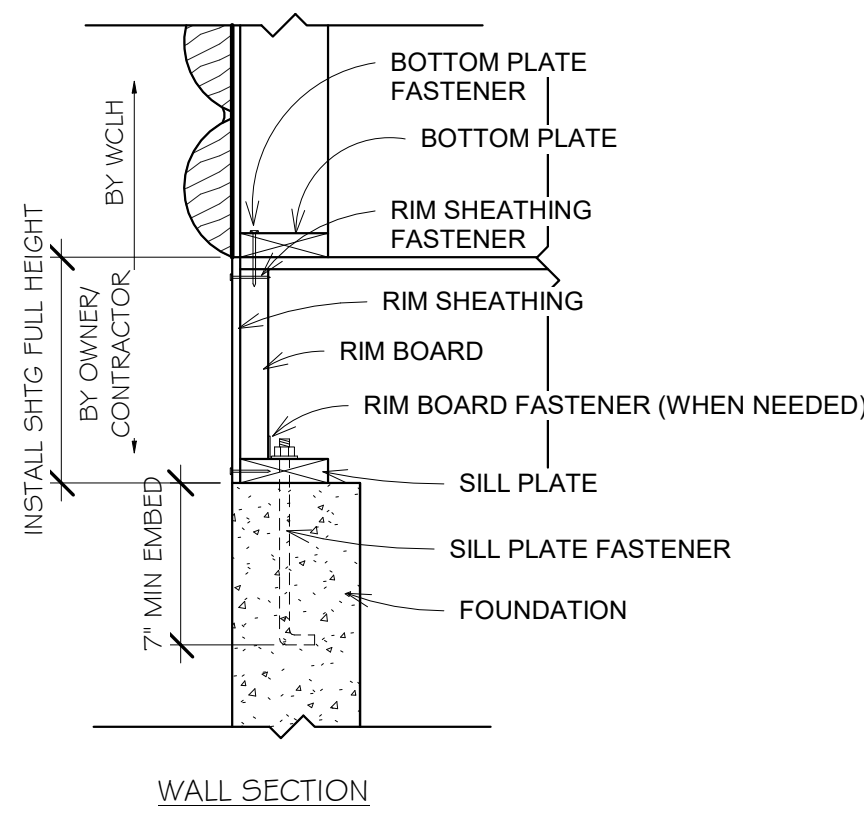


FLOOR FRAMING PLAN NOTES

1. THIS IS ONE PAGE OF A SET OF PROJECT DOCUMENTS, AND MAY NOT BE USED ALONE. THE CONTRACTOR, SUBCONTRACTORS AND OWNER, AS PART OF THE PROJECT TEAM, SHALL REVIEW AND BE RESPONSIBLE FOR INFORMATION CONTAINED IN ALL PROJECT DOCUMENTS PRIOR TO INITIATION OF ANY WORK ON THE PROJECT.
2. DETAILS ARE NOTED ON THE PLANS IN TYPICAL LOCATIONS AND SHALL BE REPEATED WHERE SIMILAR CONDITIONS EXIST. SEE TYPICAL DETAILS AND GENERAL NOTES.
3. SEE SHEETS 5-4.0 & 5-5.0 FOR STRUCTURAL NOTES & DETAILS.
4. PLACE 2 STUDS MINIMUM AT ALL BEAMS, HEADERS AND GIRDER TRUSS BEARING POINTS WITH SPANS GREATER THAN SIX FEET, UNLESS NOTED OTHERWISE. MULTIPLE STUDS AND COLUMNS SHALL EXTEND CONTINUOUS TO FOUNDATION OR SUPPORTING BEAM BELOW. USE MULTIPLE SOLID BLOCKING AT FLOORS.
5. SEE FLOOR SHEATHING NOTES FOR FLOOR SHEATHING SIZE & NAILING.
6. AT FLUSH BEAMS USE SIMPSON ITT SERIES (WEB JOISTS) OR JB SERIES (WOOD JOISTS) TOP FLANGE JOIST HANGERS EACH JOIST U.N.O.
7. ARRANGE JOIST LOCATIONS AT BATHROOM AND KITCHEN AREAS TO AVOID CONFLICT WITH PLUMBING.
8. FLOOR JOISTS UNDER FIREPLACE HEARTHS MAY NEED SPACING REDUCED AND/OR SUBSTITUTED W/ LVL'S TO SUPPORT THE ADDED LOADING. VERIFY W/ ENGINEER.
9. HOT TUBS OR OTHER OWNER INSTALLED ITEMS THAT IMPOSE HEAVY LOADS ON STRUCTURAL MEMBERS WILL REQUIRE ADDITIONAL ENGINEERING IF NOT SHOWN ON ORIGINAL PLANS USED FOR DESIGN. STRUCTURAL MEMBERS MAY NEED TO BE INCREASED FOR THE ADDITIONAL IMPOSED LOADING.
10. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED LUMBER OR FOUNDATION REDWOOD. ALL WOOD SUPPORT MEMBERS EXPOSED TO WEATHER SHALL BE TREATED OR PROTECTED TO PREVENT MOISTURE OR WATER ACCUMULATION ON THE SURFACE.D FOR THE ADDITIONAL IMPOSED LOADING.

KEYED NOTES

1. INSTALL LVL BEAMS IN PLACE OF JOISTS FOR HEAVY FIREPLACE/HEARTH (VERIFY w/ ARCHITECT OR RECORD).



WALL BASE CONNECTION

NOT TO SCALE

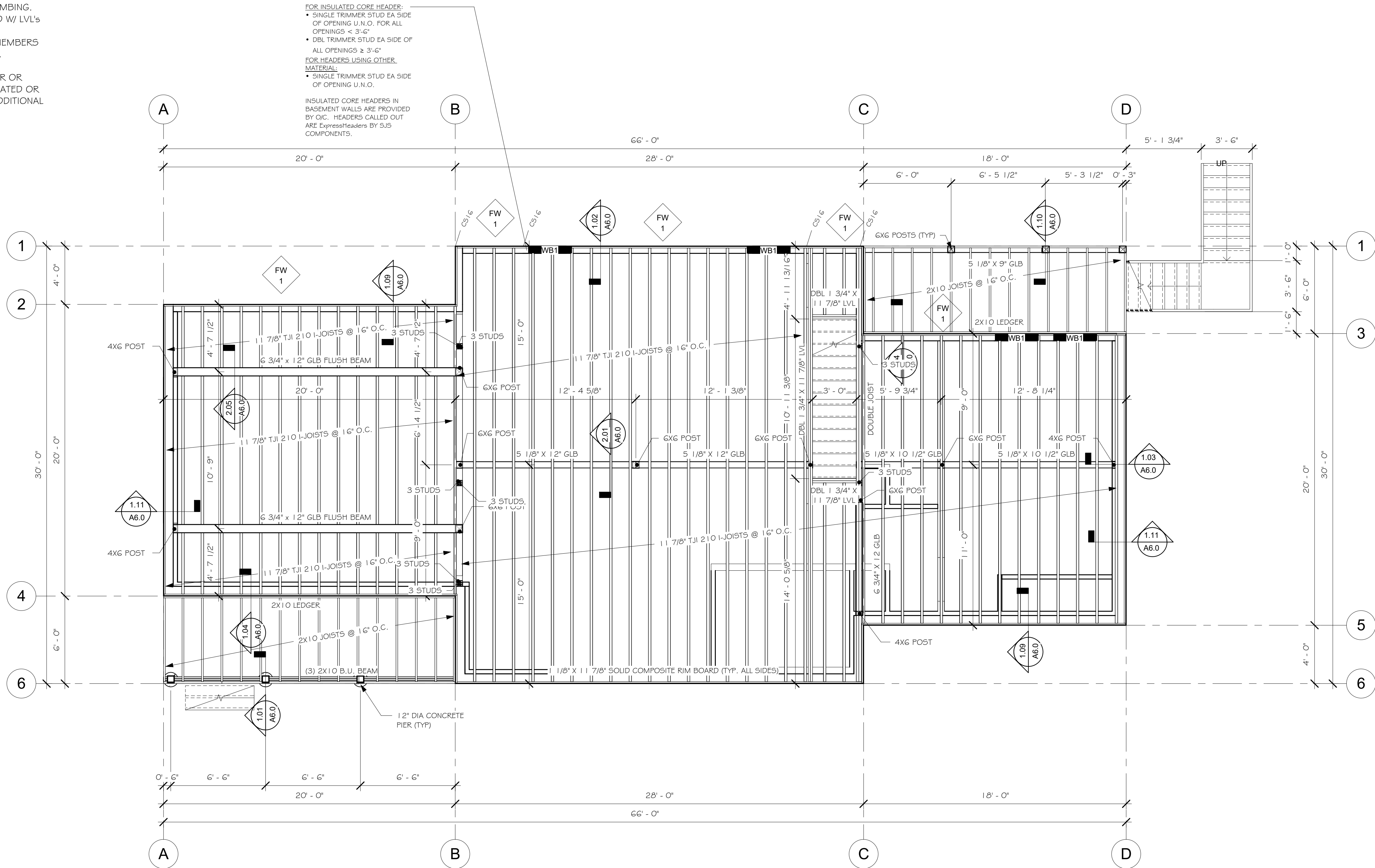
WALL BASE CONNECTION SCHEDULE	
LOCATION	FASTENER OR MEMBER
BOTTOM PLATE	2X6 X CONT
FASTENER	1 6d NAILS @ EA JST, BLKG # CONT @ 3-1/2" O.C.
RIM SHEATHING	7/16" APA 2 4/16 EXT SHTG
FASTENER	8d NAILS @ 3-1/8" O.C. ALL EDGES
RIM BOARD	1-1/8" MIN LVL RIM BOARD
FASTENER TO SILL PLATE OR TOP PLATE	A35'S @ 24" O.C. (ONLY REQ'D W/GABLE END DOOR OR WINDOW FEATURE WALLS)STAINLESS TSTL OR Z-MAS @ TREATED PLATE
SILL PLATE	2X6 X CONT PRESSURE TREATED
FASTENER	5/8" DIA A.B @ 32" O.C. U.N.O. (2,3)

1 WALL BASE CONNECTION

SCALE: NOT TO SCALE

FLOOR SHEATHING

1. TYPICAL FLOOR SHEATHING SHALL BE 3/4 IN., T&G APA RATED 48/24 EXPOSURE I SHEATHING NAILED WITH 10d NAILS AT 6 IN. O.C. AT ALL PANEL ENDS, SUPPORTED EDGES, TOP OF SHEAR WALLS (ALL EXTERIOR WALLS ARE SHEAR WALLS) AND ALL BLOCKING; 10d AT 12 IN. O.C. ALONG INTERMEDIATE FRAMING MEMBERS. NAILING SHALL BE SPACED AT 3/8 IN. MIN FROM EDGE OF PANEL.
2. LAY SHEATHING WITH FACE GRAIN AT RIGHT ANGLES TO FRAMING WITH END JOINTS STAGGERED (SEE TYPICAL DETAILS).
3. BLOCK JOISTS SOLID AT ALL BEARING POINTS.



MAIN FLOOR FRAMING PLAN

1/4" = 1'-0"

7014-000

MAIN FLOOR FRAMING PLAN

7014-000

Whisper Creek

By Rocky Mountain Homes

1883 Highway 93 South  
Hamilton, MT 59840  
ph. 406.363.5680  
fx. 406.363.0537  
wchdesign@gmail.com

THESE PLANS, DRAWINGS, AND DESIGNS ARE THE PROPERTY OF WHISPER CREEK LOG HOMES (WCLH). ALL RIGHTS RESERVED AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE EXPRESSED WRITTEN CONSENT FROM AN OFFICER OF WCLH. UNDER PENALTY OF PROSECUTION, THESE PLANS ARE RELEASED FOR CONSTRUCTION ON THE SITE DESCRIBED HEREON AND NO OTHER.

THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION DESIGN, AND ENGINEERING PRACTICE IN NUMEROUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGNS INCORPORATED IN WHISPER CREEK LOG HOMES (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH ARCHITECT OR ENGINEER OF RECORD (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND DESIGNS PRESENTED. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICABILITY OF THE DESIGN. ANY AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED IN WRITING BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATIONS TO THE PLANS AND WALLS.

ARCHITECT/ENGINEER OF RECORD:  

STATE OF COLORADO

KIMLY C. MANGUM

APC 305652

8/2/2017 May 2, 2017

LICENSED ARCHITECT

STRUCTURAL ONLY

REVISIONS

No.	By:	Date:

PROJECT NAME:

SUMMIT

OWNER:

JUSTIN MEYER

ADDRESS:

CABIN SITE 66  
SAN MIGUEL COUNTY, CO

DRAWING TITLE:

MAIN FLOOR FRAMING PLAN

PROJECT NO.:

7014-000

FINAL

DRAWN BY: JCF

CHECKED BY: MANAGER

DATE: 11/22/2017 8:53:29 AM

SHEET NO.:

7014-000

S2.0

FILE PATH: F:\Consulting\Workbooks\Mountain Homes\WCLH\Homes\Summit\JustinMeyer-Summit\_11-17-2017.rvt

11/22/2017 8:53:29 AM



1. THIS IS ONE PAGE OF A SET OF PROJECT DOCUMENTS, AND MAY NOT BE USED ALONE. THE CONTRACTOR, SUBCONTRACTORS AND OWNER, AS PART OF THE PROJECT TEAM, SHALL REVIEW AND BE RESPONSIBLE FOR INFORMATION CONTAINED IN ALL PROJECT DOCUMENTS PRIOR TO INITIATION OF ANY WORK ON THE PROJECT.
2. DETAILS ARE NOTED ON THE PLANS IN TYPICAL LOCATIONS AND SHALL BE REPEATED WHERE SIMILAR CONDITIONS EXIST. SEE TYPICAL DETAILS AND GENERAL NOTES.
3. SEE SHEETS 5-4.0, 5-5.0, & 5-5.1 FOR STRUCTURAL NOTES & DETAILS.
4. SEE DESIGN PLANS FOR DIMENSIONS. DO NOT SCALE STRUCTURAL DRAWINGS.

ALL VENTILATION OF THE ROOF SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR

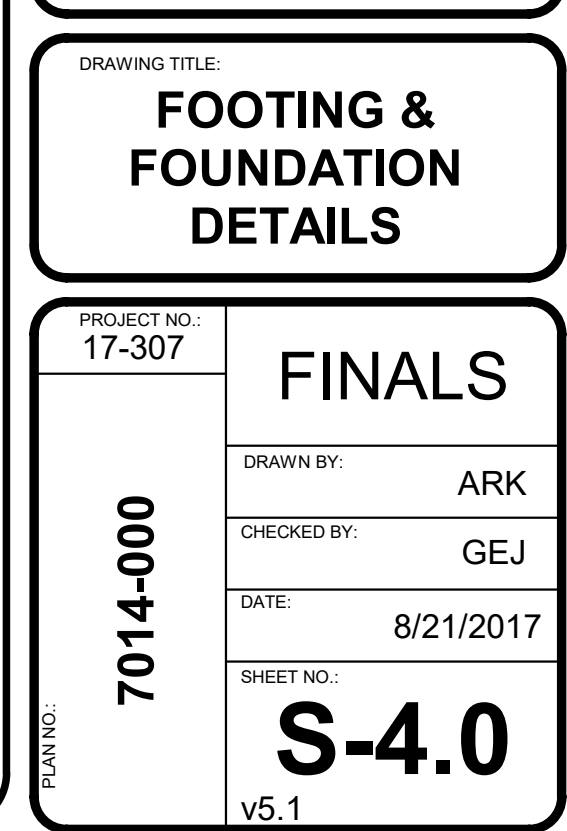
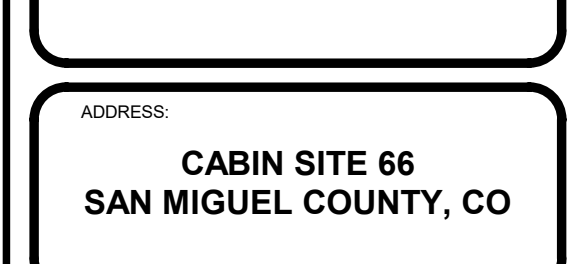
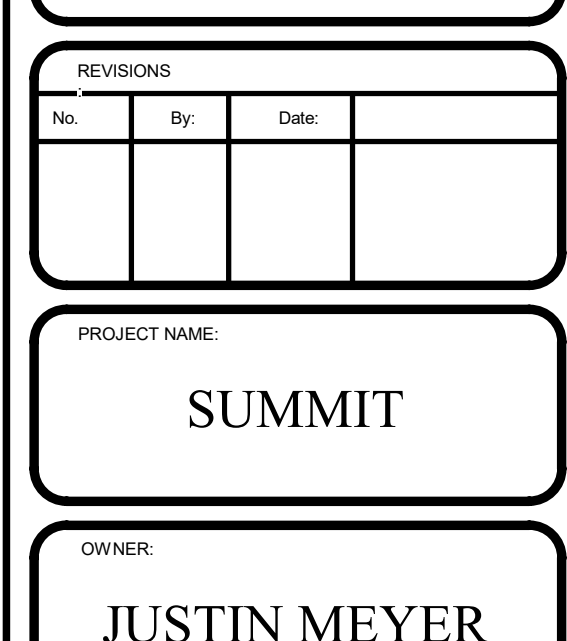
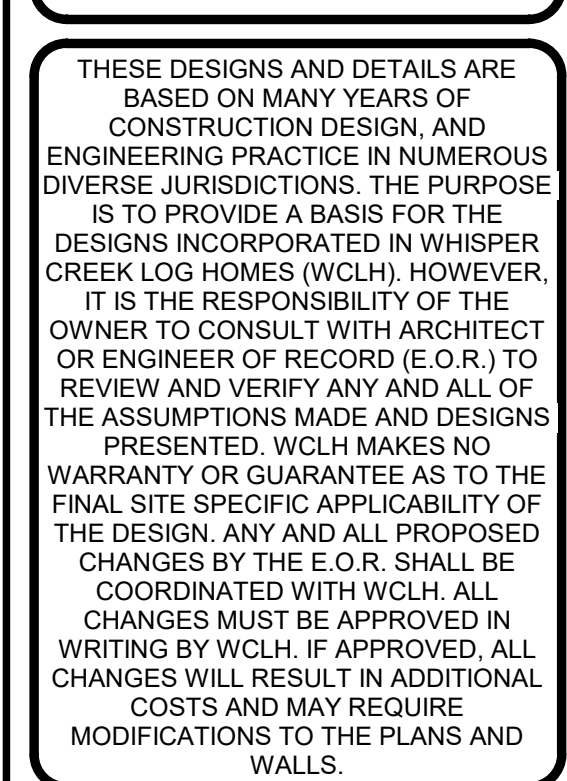
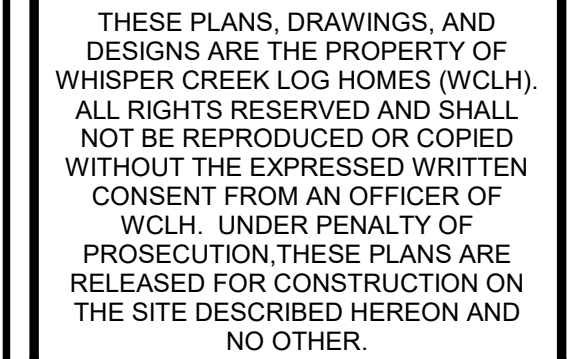
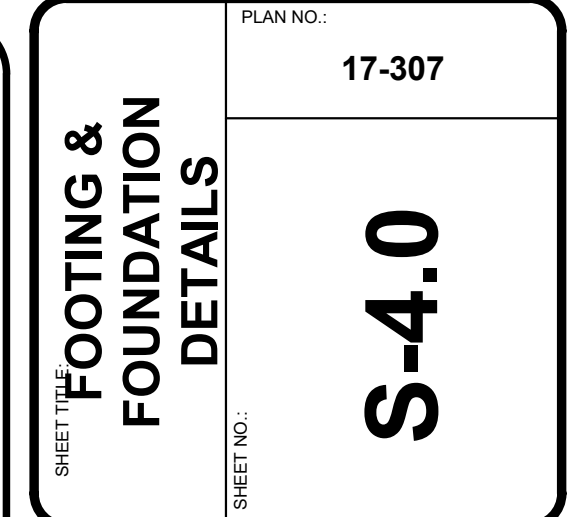
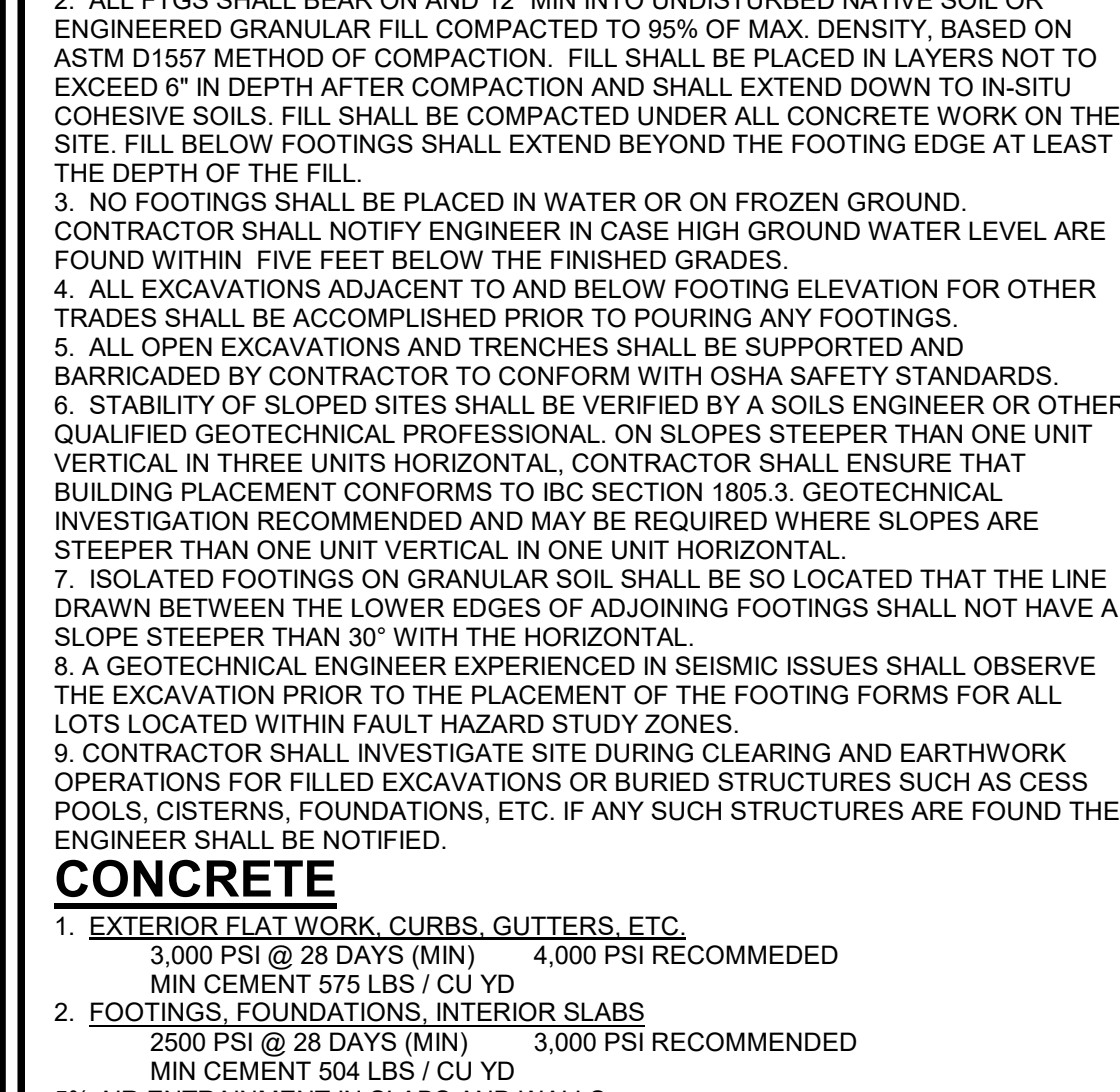
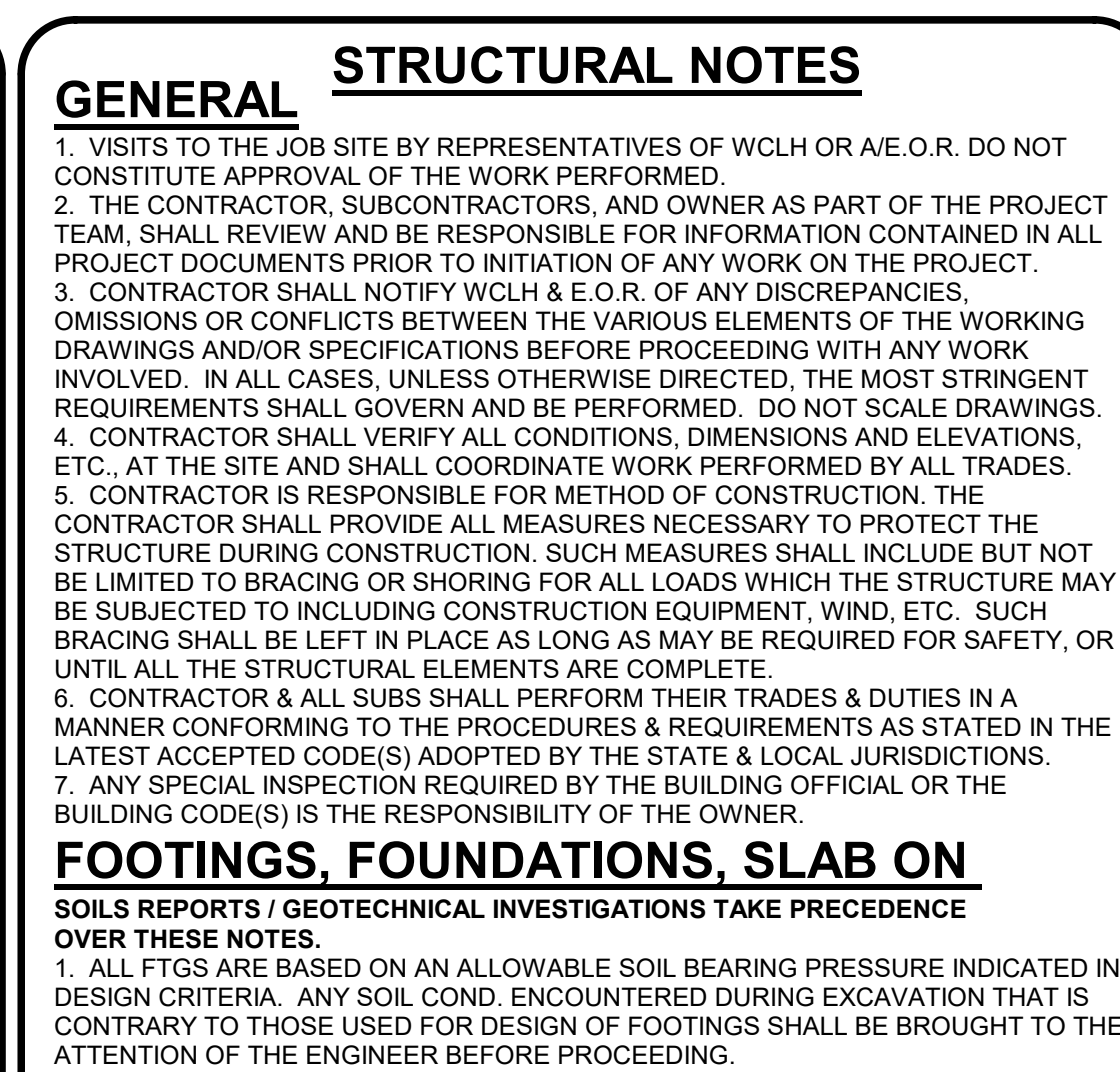
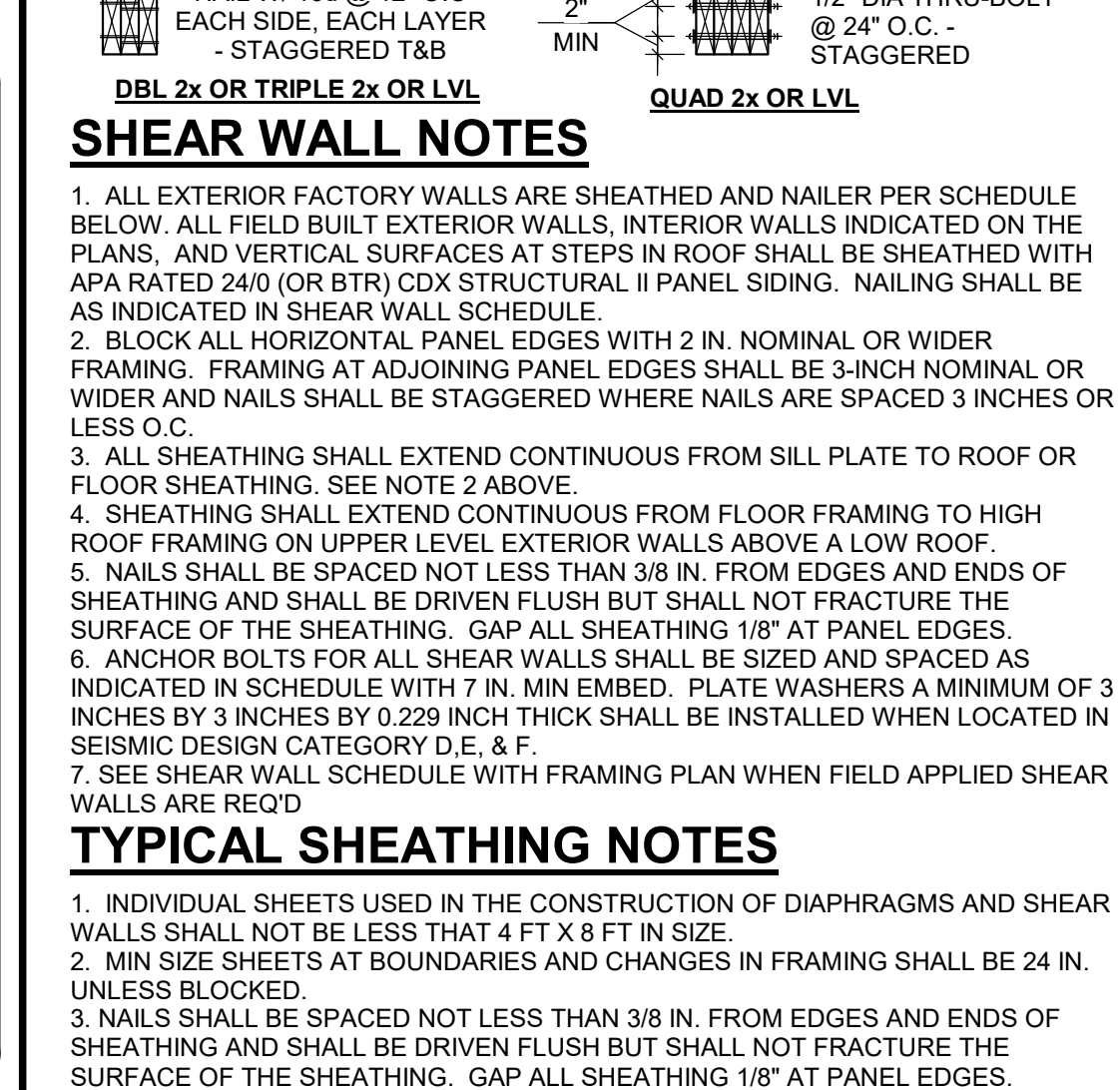
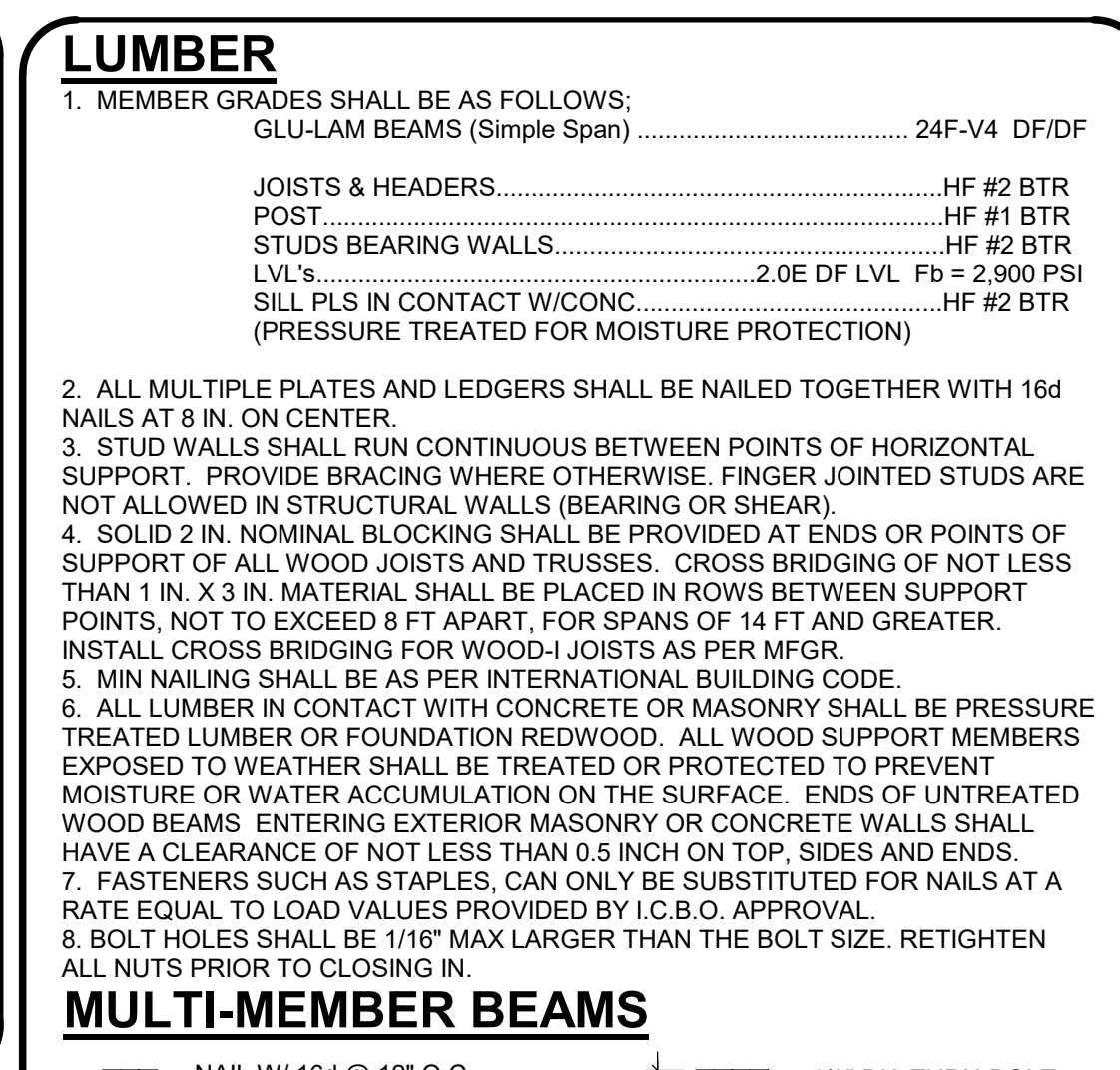
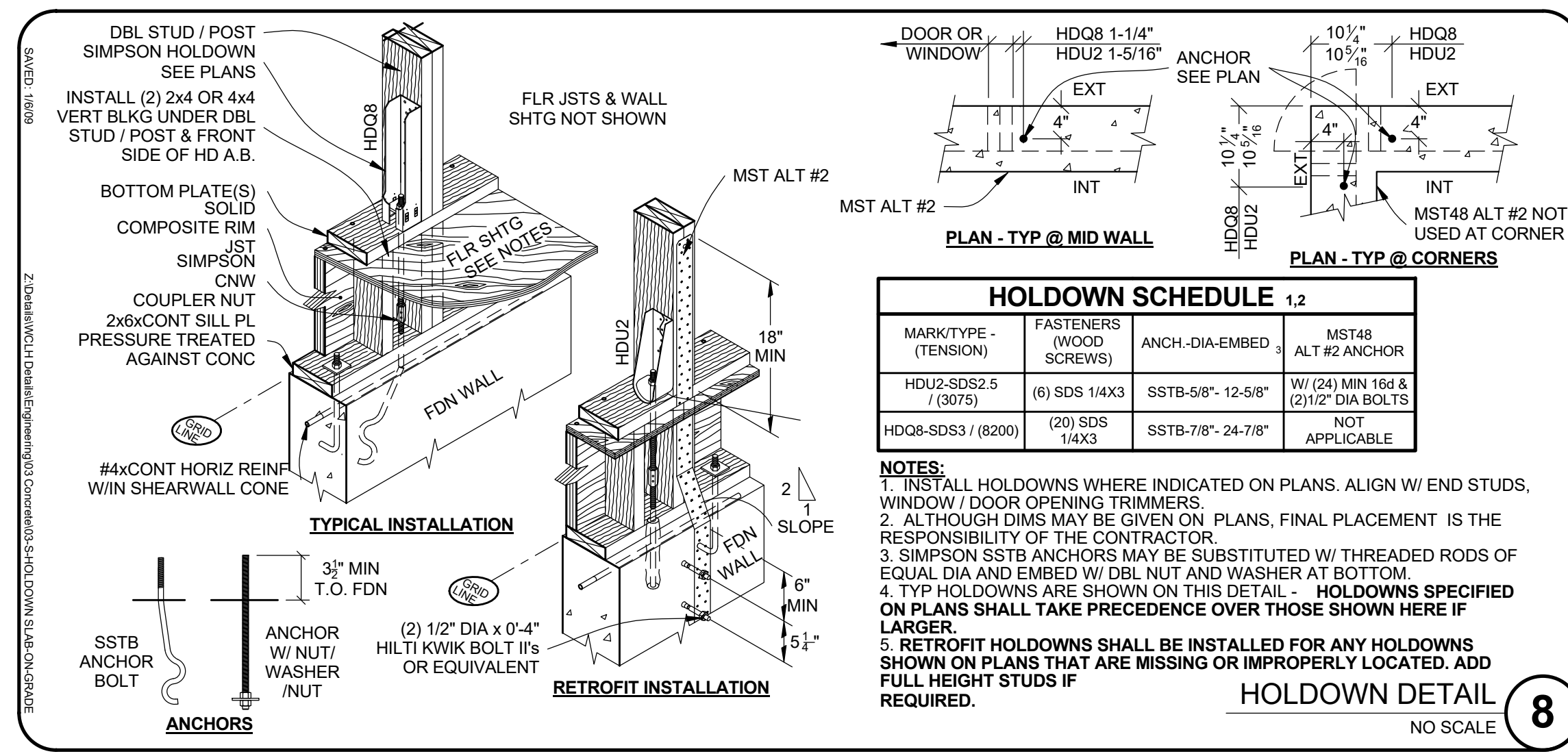
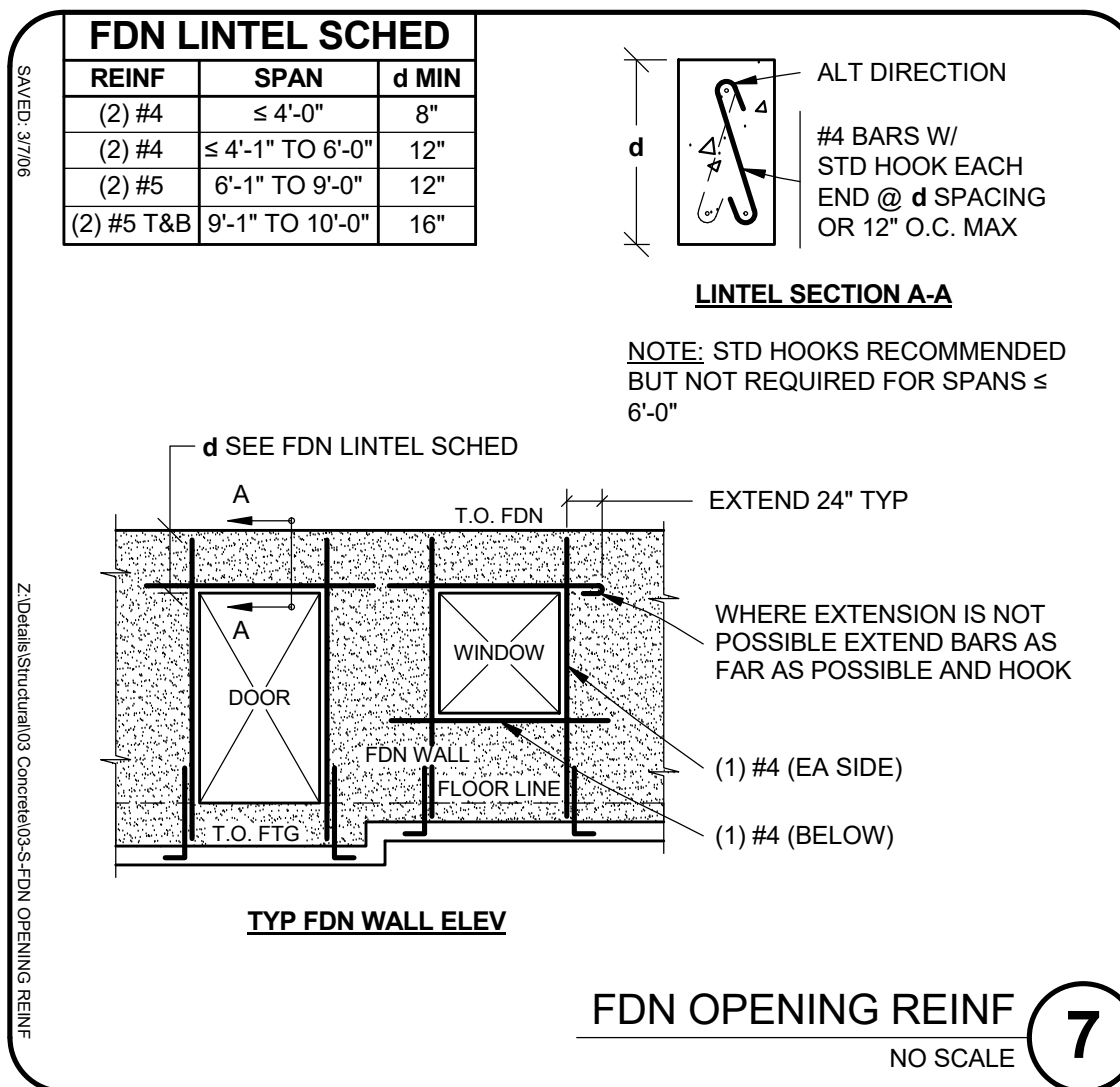
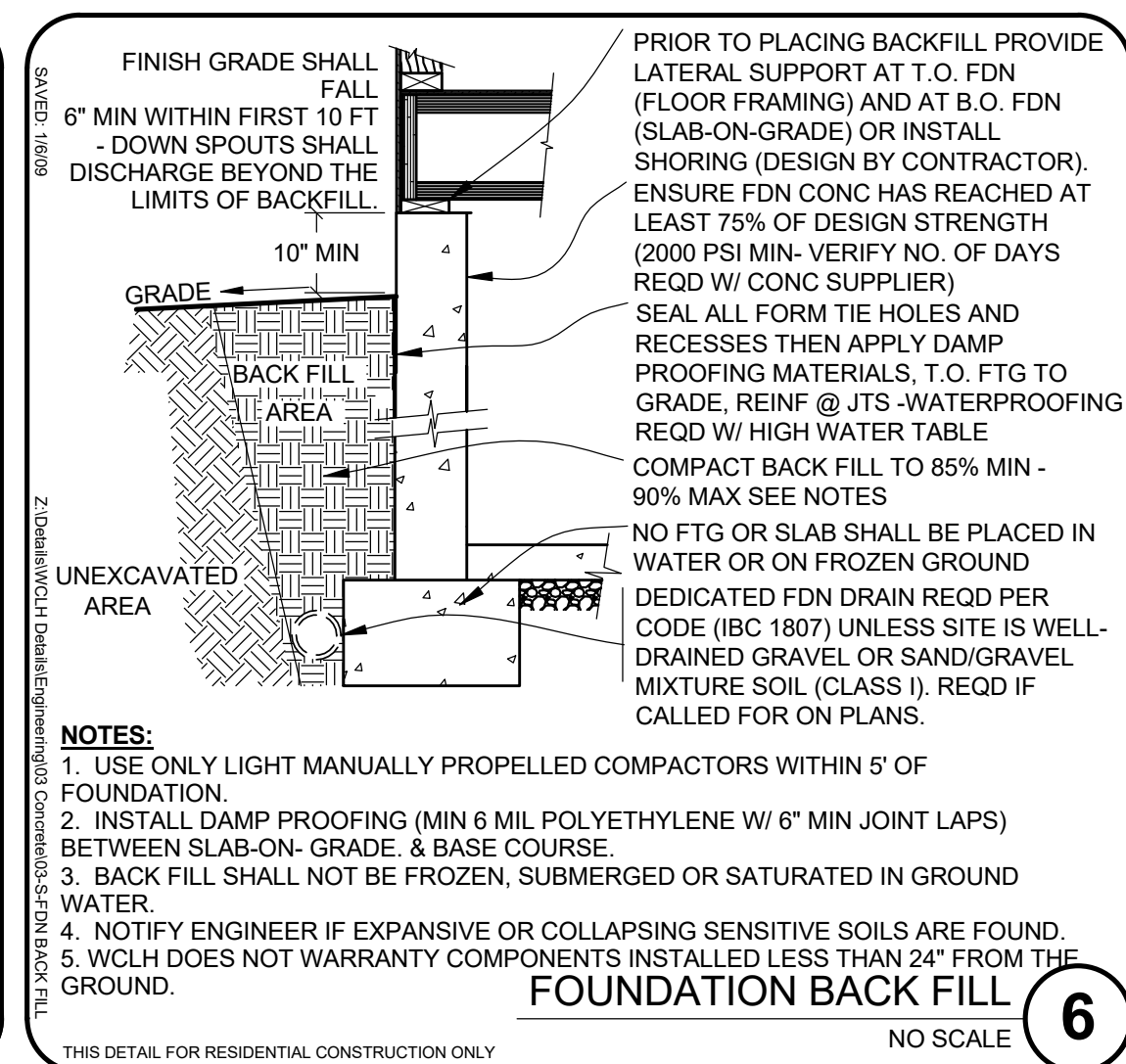
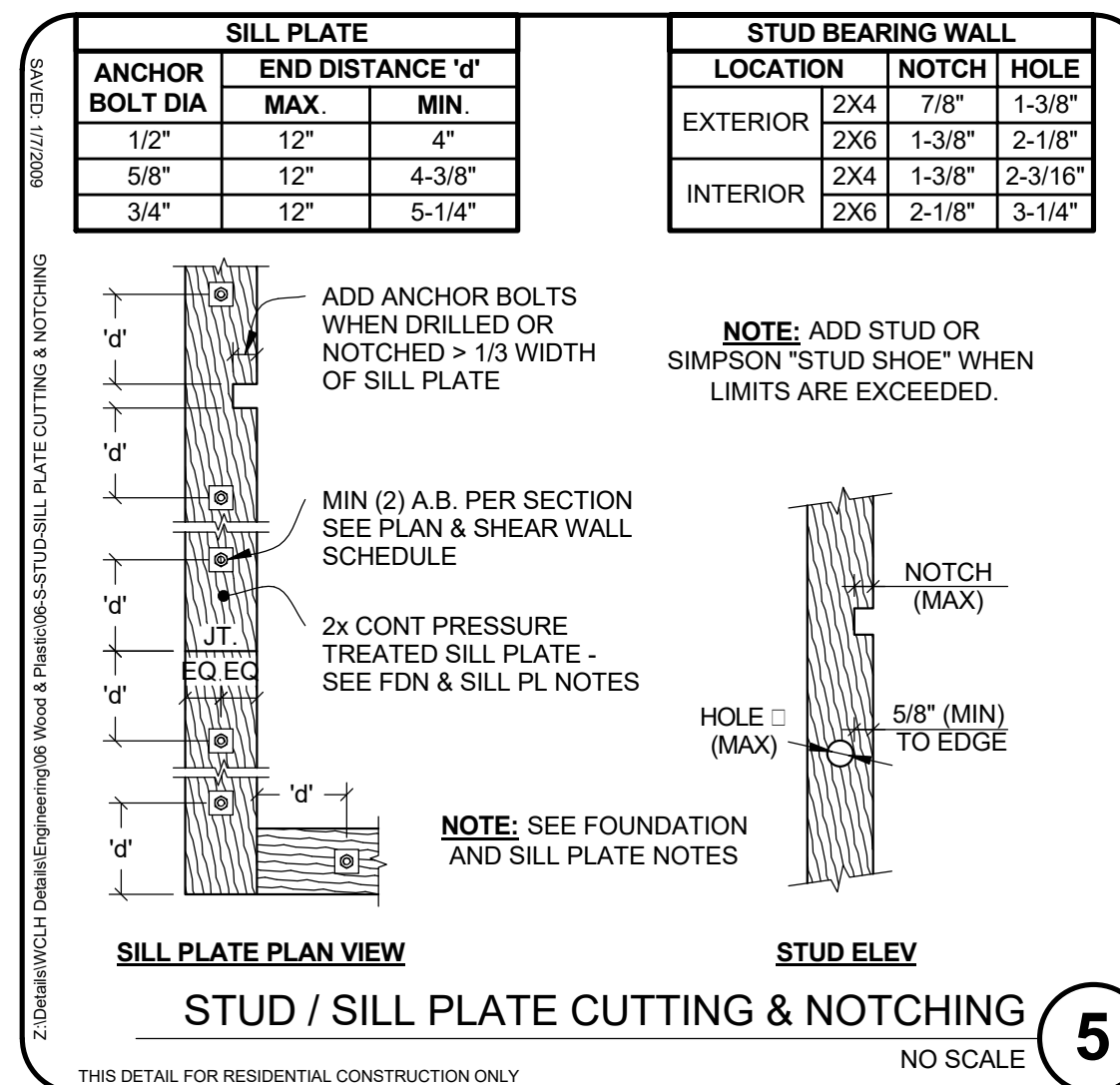
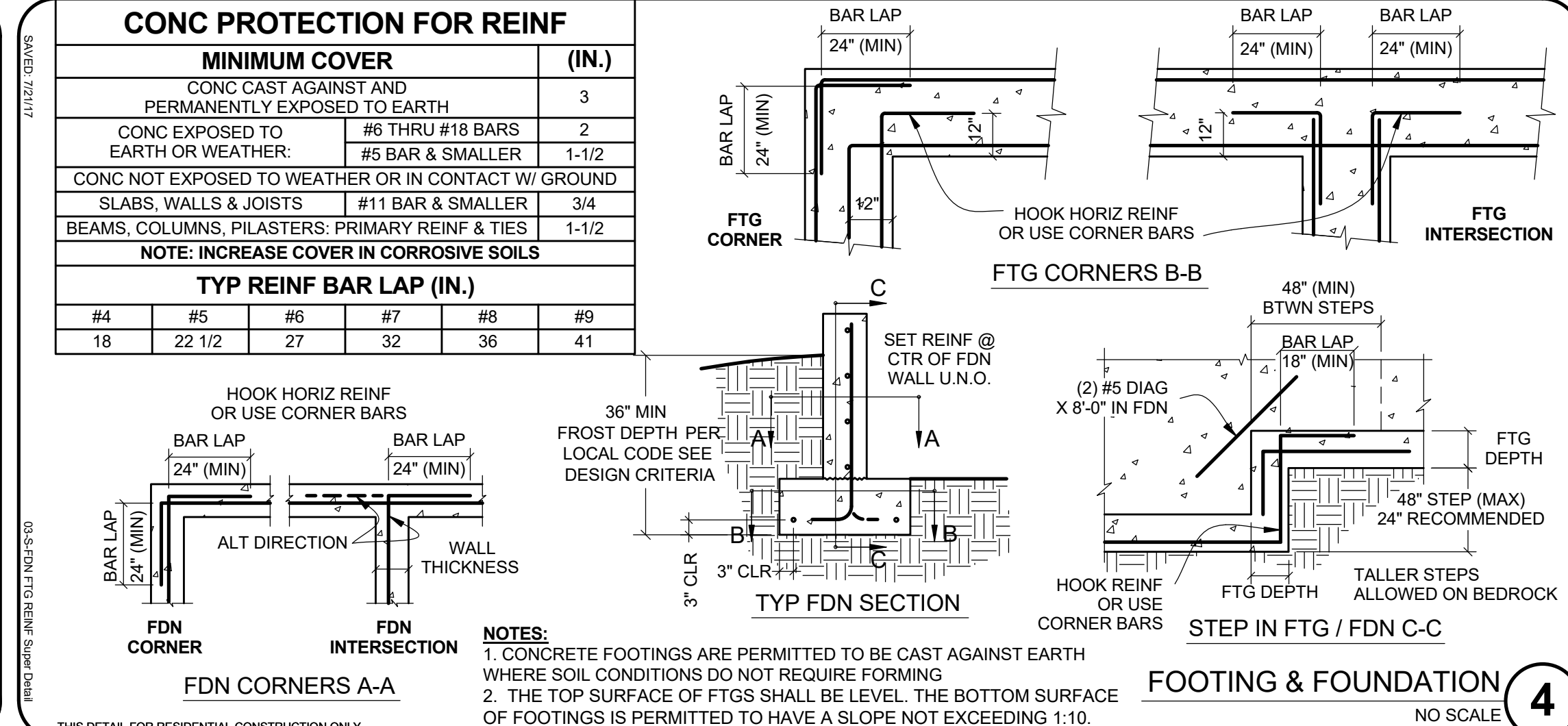
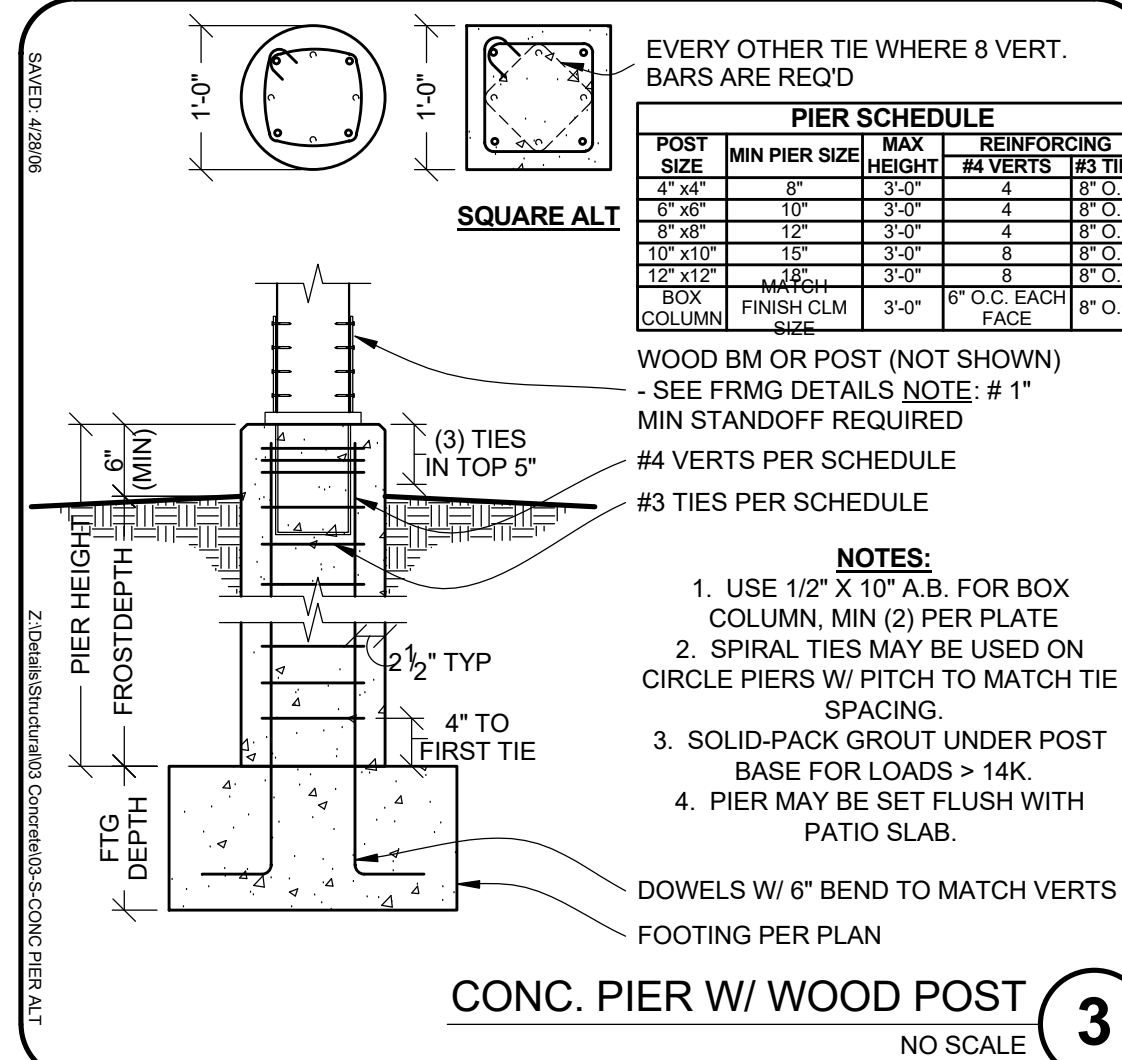
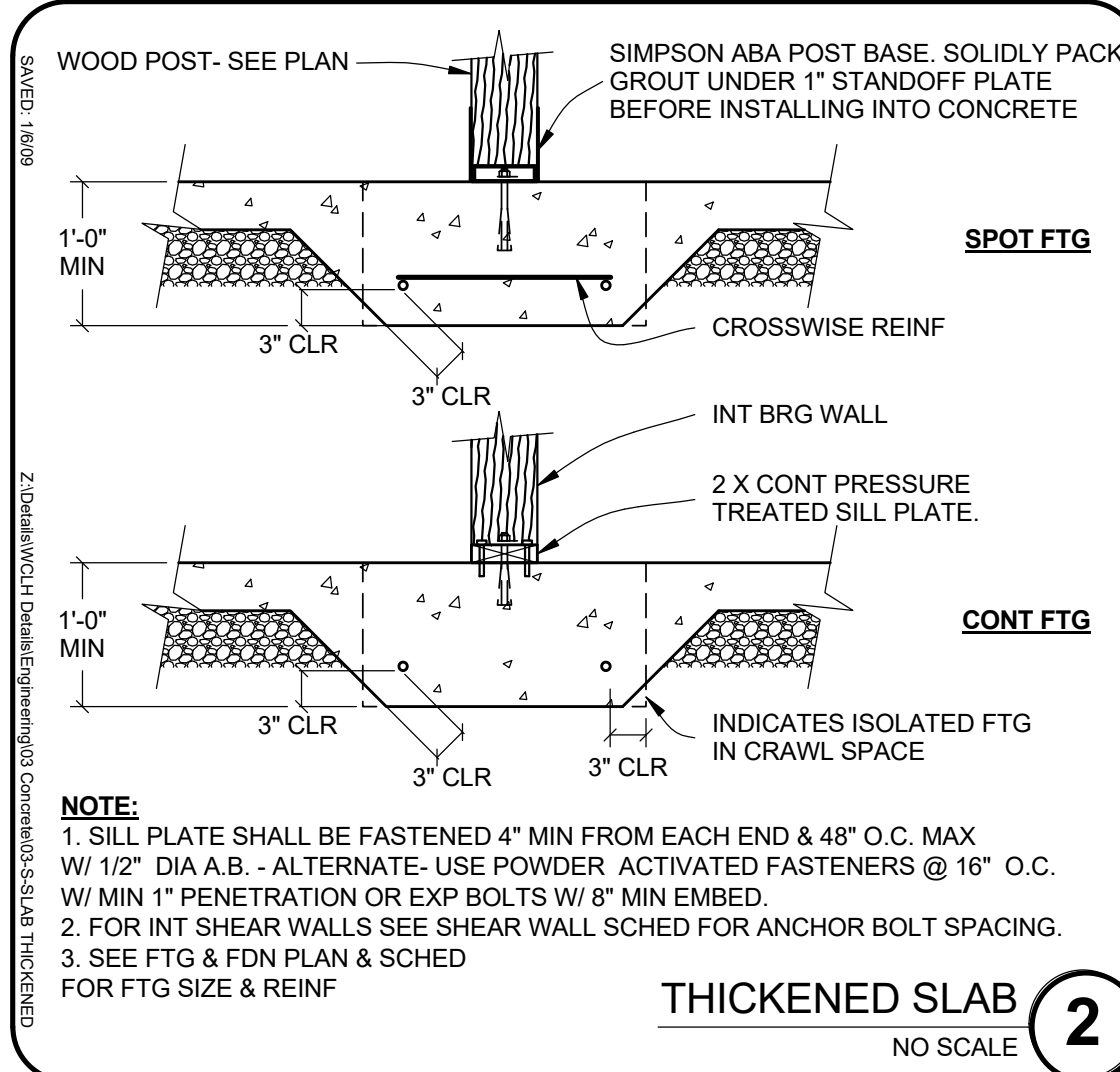
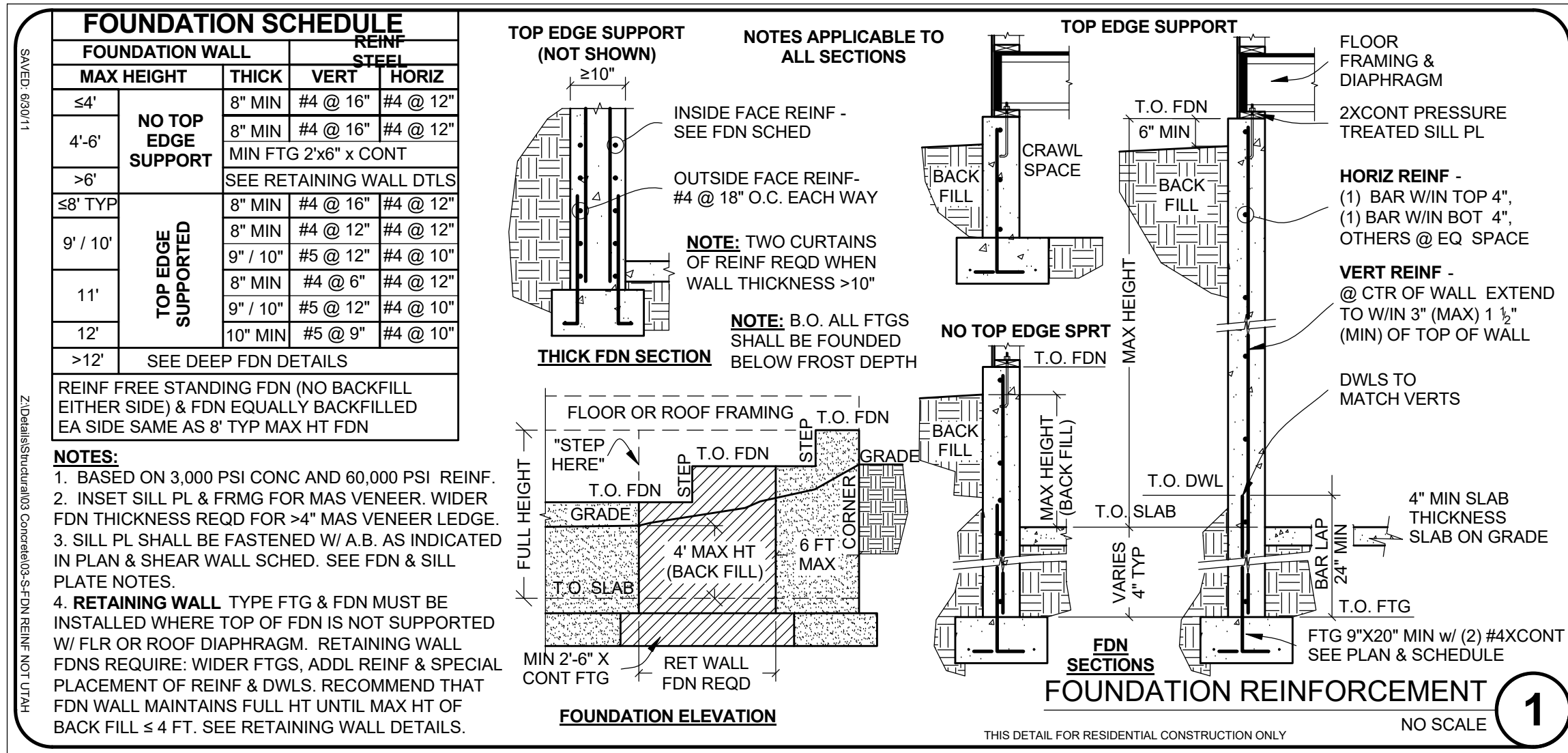
PROVIDE FOR CROSS VENTILATION FOR ENCLOSED ATTICS AND SPACES BETWEEN RAFTERS FOR EACH SEPARATE SPACE. VENTILATION OPENINGS SHALL BE PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW. THE TOTAL NET FREE VENTILATION AREA SHALL NOT BE LESS THAN 1 TO 150 OF THE AREA OF THE SPACE VENTILATED. THIS MAY BE REDUCED TO NOT LESS THAN 1 TO 300 IF: (1) OPENINGS ARE PROVIDED IN THE UPPER AND LOWER PORTIONS OF THE VENTILATED SPACE, OR (2) A 1 PERM VAPOR BARRIER IS INSTALLED ON THE WARM SIDE OF THE CEILING. PROVIDE A 1 INCH INSULATION BAFFLE BETWEEN THE INSULATION AND THE ROOF SHEATHING AT ALL LOCATIONS OF THE VENT. PROVIDE VENTILATION OPENINGS WITH CORROSION-RESISTANT WIRE MESH WITH 1/8 INCH MIN TO 1/4 INCH MAX OPENINGS.

RAFTER SCHEDULE			
RAFTER #	COUNT	LENGTH	MATERIAL
LVL RAFTER			
R4	2	36' - 11 3/4"	1 3/4" x 14" LVL
R5	1	31' - 3"	1 3/4" x 14" LVL
R6	1	25' - 0 1/16"	1 3/4" x 14" LVL
R8	1	6' - 0"	1 3/4" x 14" LVL
R10	1	9' - 2 1/8"	1 3/4" x 14" LVL
RAFTER			
R1	9	36' - 11 3/4"	14" TJI 210 I-JOIST
R2	12	31' - 3"	14" TJI 560 I-JOIST
R3	11	25' - 0"	14" TJI 560 I-JOIST
R7	65	6' - 0"	14" TJI 210 I-JOIST
R9	5	5' - 10 1/4"	14" TJI 210 I-JOIST

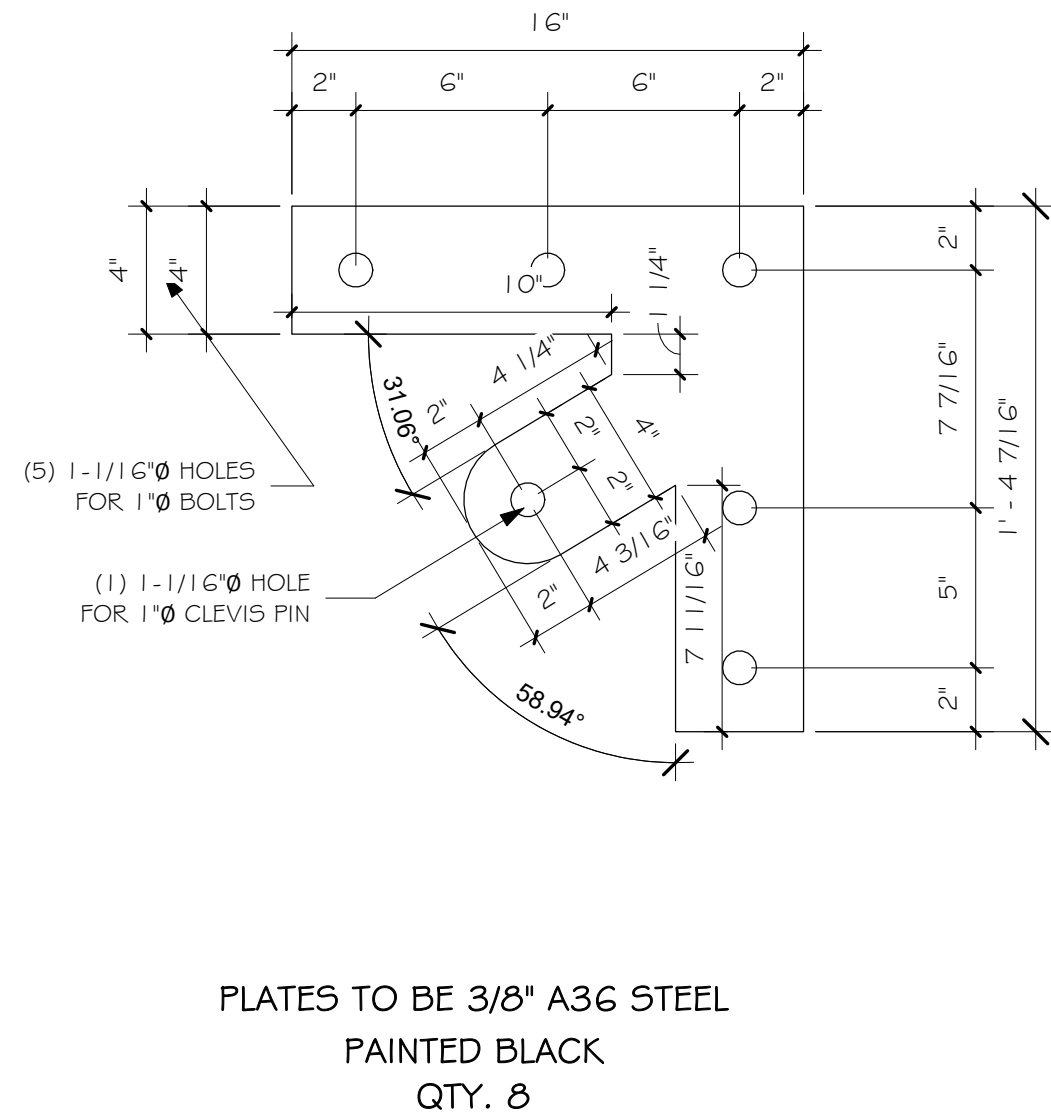
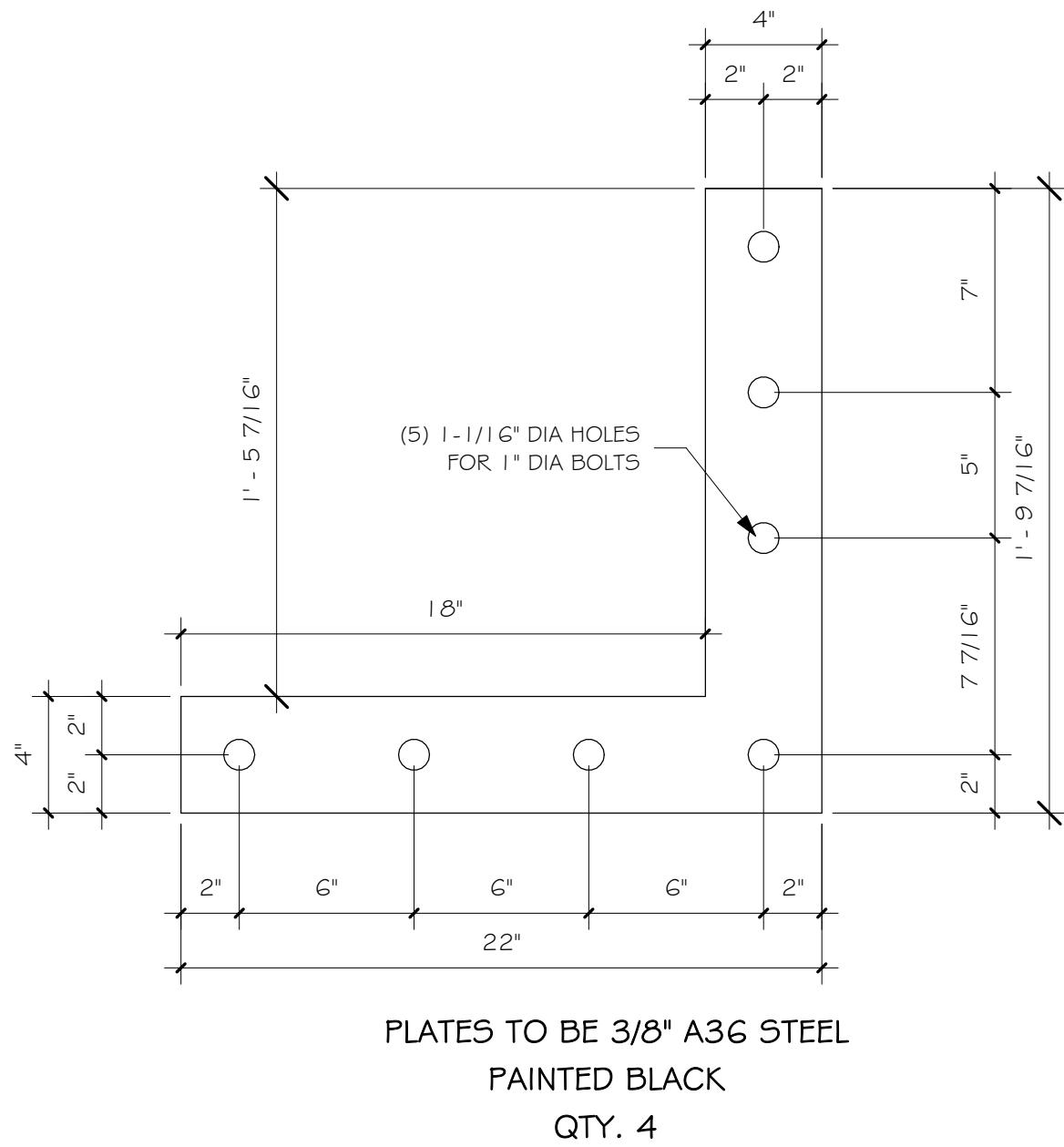
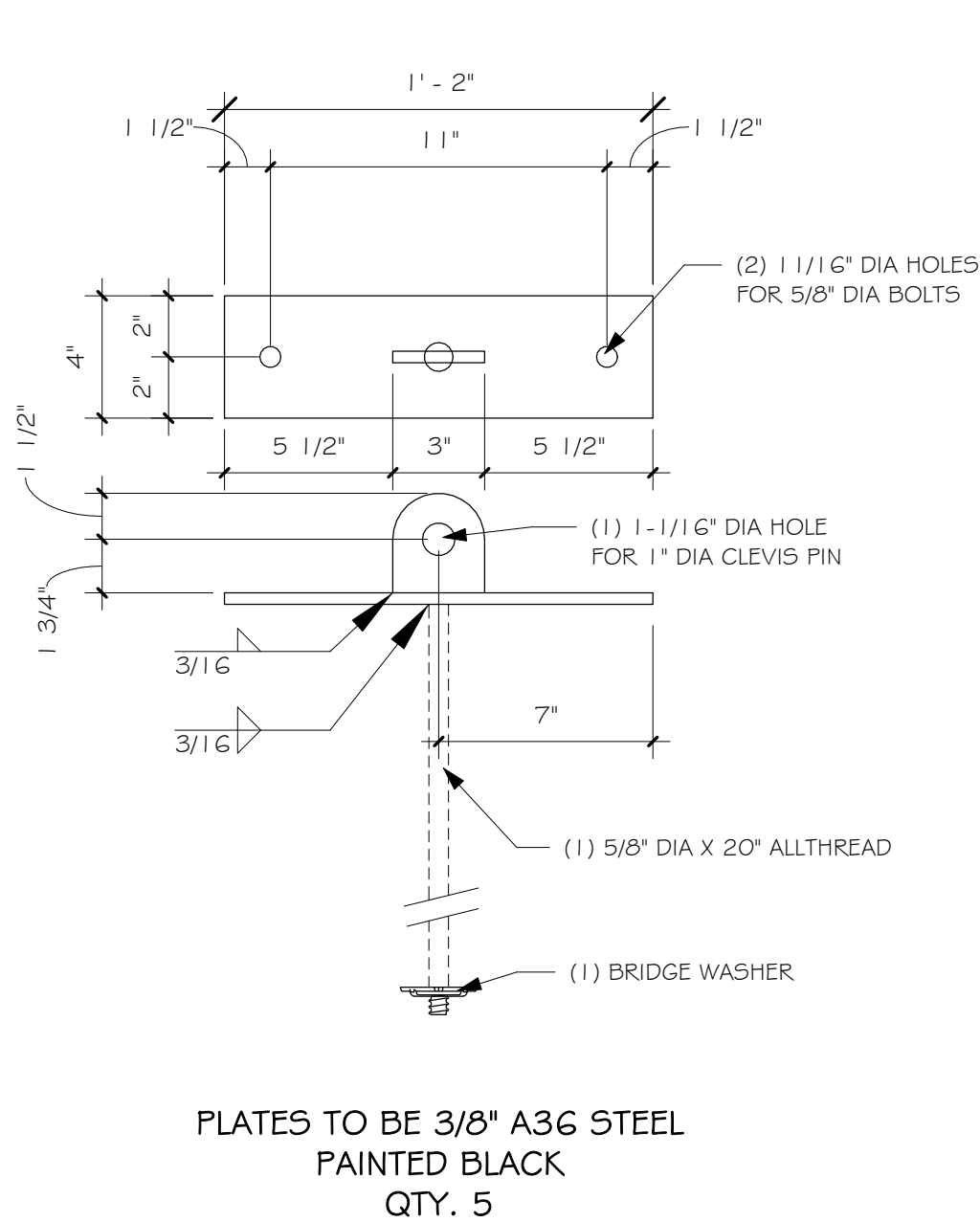
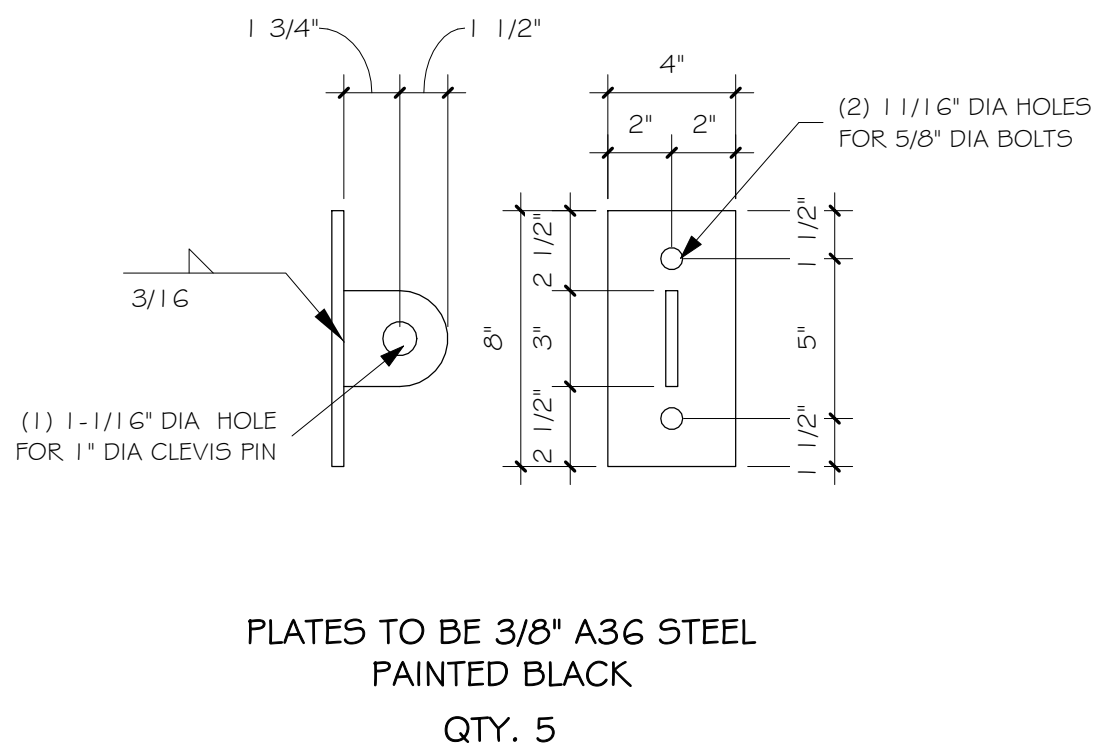
ROOF BEAM SCHEDULE			
ITEM #	COUNT	LENGTH	DESCRIPTION
PORCH BEAM			
PB1	1	12' - 0"	5 1/2" X 8" R.S. TIMBER BEAM W/ PITCH CUT TOP
PB2	1	6' - 6"	5 1/2" X 8" R.S. TIMBER BEAM W/ PITCH CUT TOP
PB3	1	7' - 0"	5 1/2" X 8" R.S. TIMBER BEAM W/ PITCH CUT TOP
PB4	1	15' - 6"	5 1/2" X 8" R.S. TIMBER BEAM W/ PITCH CUT TOP
RAILROAD TRUSS			
BC1		13' - 11 1/2"	6X10 TIMBER BEAM
RRP1	5	1' - 7 7/8"	6X6 R.S. TIMBER POST
RRP2	2	1' - 7 7/8"	6X12 R.S. TIMBER POST
TC1	1	13' - 11 1/2"	6X10 TIMBER BEAM
ROOF SUPPORT BEAM			
RB1	2	27' - 11"	6 3/4" X 24" GLULAM BEAM





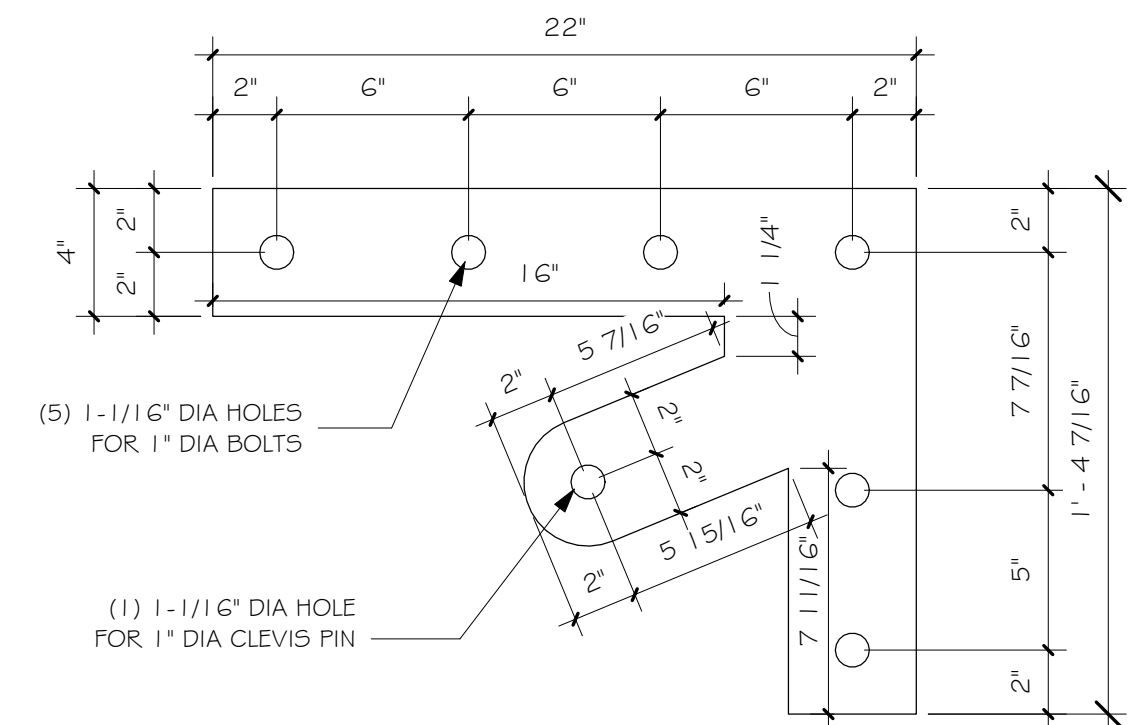






## 1 STEEL PLATE "A"

2" = 1'-0"

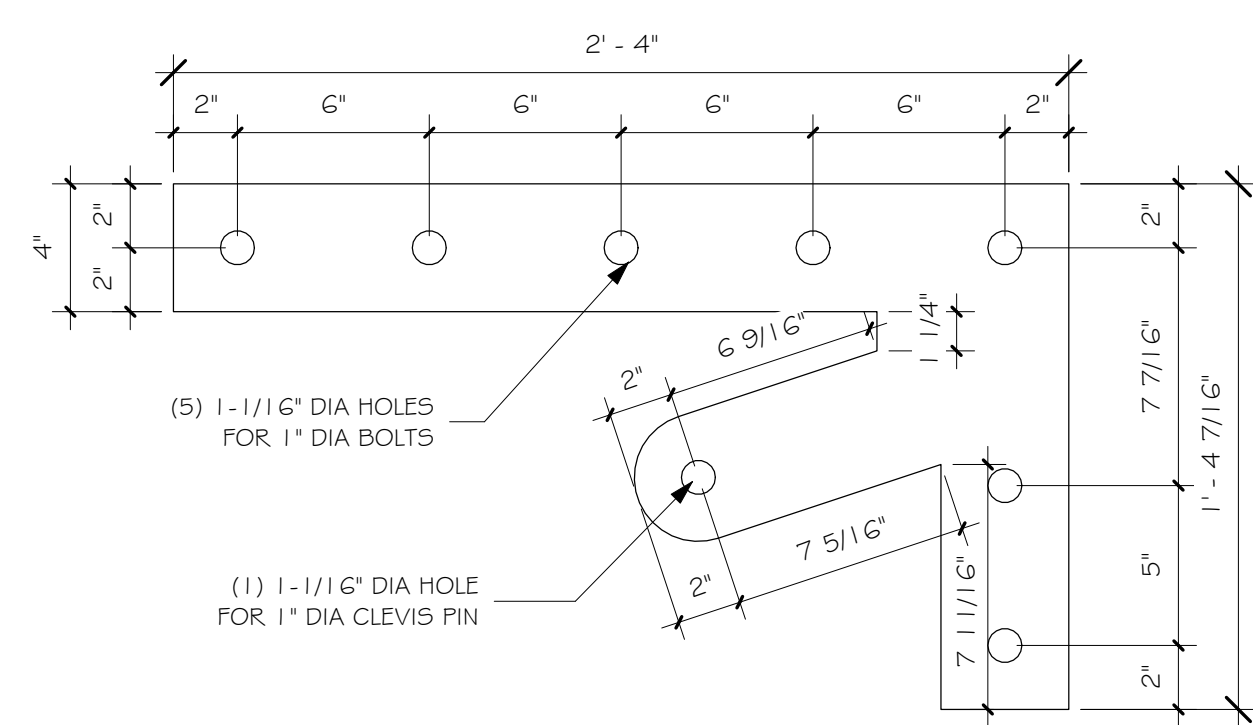


## 5 STEEL PLATE "E"

2" = 1'-0"

## 2 STEEL PLATE "B"

2" = 1'-0"

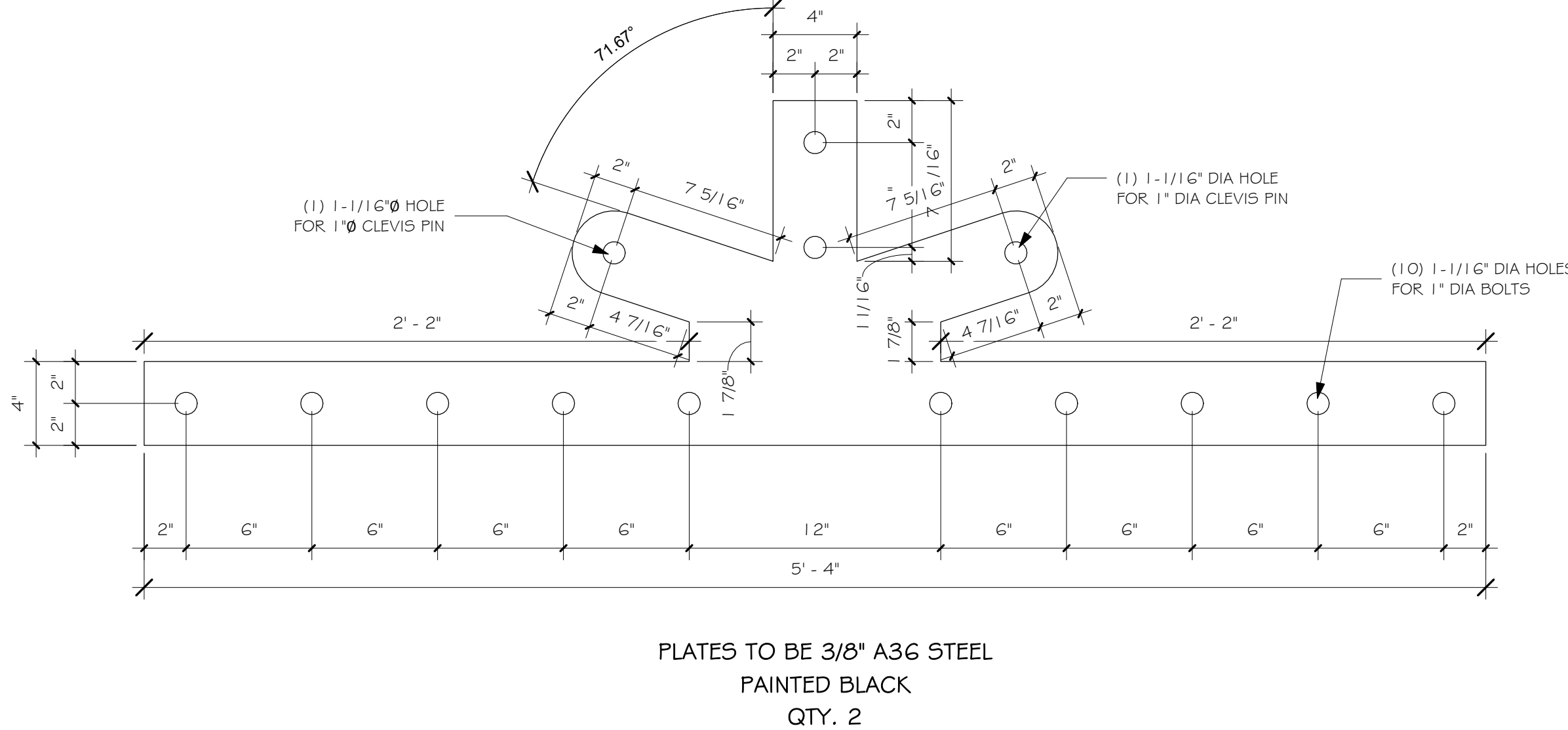


## 6 STEEL PLATE "F"

2" = 1'-0"

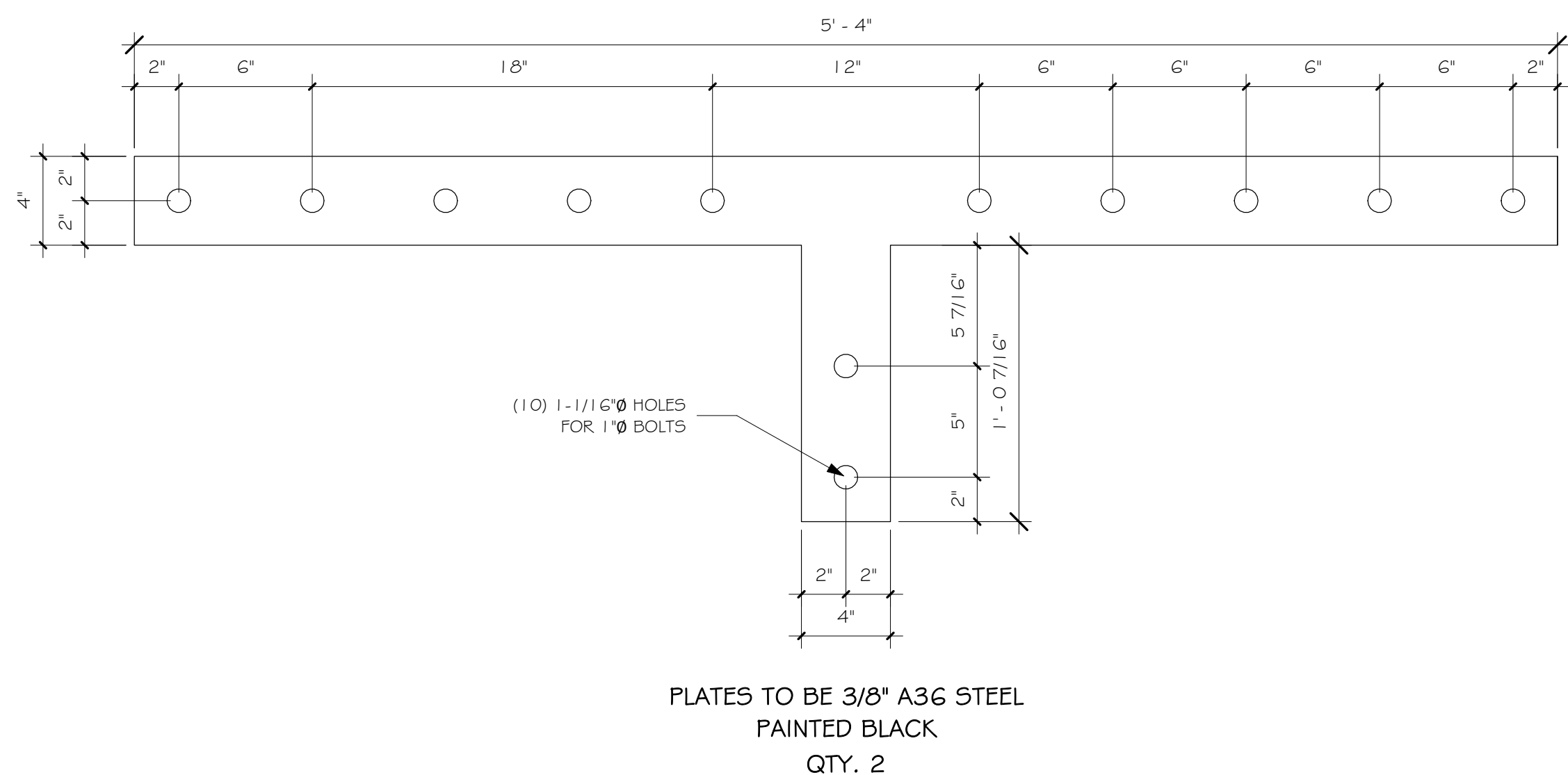
## 3 STEEL PLATE "C"

2" = 1'-0"



## 7 STEEL PLATE "G"

2" = 1'-0"



## 8 STEEL PLATE "H"

2" = 1'-0"

BRACKET DETAILS

SHEET NO. 7014-000

S4.01

Whisper Creek

By Rocky Mountain Homes

1883 Highway 93 South  
Hamilton, MT 59840  
ph. 406.363.5680  
fx. 406.363.0537  
wchl@design@rmh.com

THESE PLANS, DRAWINGS, AND DESIGNS ARE THE PROPERTY OF WHISPER CREEK LOG HOMES (WCLH). ALL RIGHTS RESERVED AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE EXPRESSED WRITTEN CONSENT FROM AN OFFICER OF WCLH. UNDER PENALTY OF PROSECUTION, THESE PLANS ARE RELEASED FOR CONSTRUCTION ON THE SITE DESCRIBED HEREON AND NO OTHER.

THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION, DESIGN, AND ENGINEERING PRACTICE IN NUMEROUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGNS INCORPORATED IN WHISPER CREEK LOG HOMES (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH ARCHITECT OR ENGINEER OF RECORD (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND DESIGNS PRESENTED. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICABILITY OF THE DESIGN. ANY AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED IN WRITING BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATIONS TO THE PLANS AND WALLS.

ARCHITECT ENGINEER OF RECORD:

REVISIONS

No.	By:	Date:

PROJECT NAME:

SUMMIT

OWNER:

JUSTIN MEYER

ADDRESS:

CABIN SITE 66  
SAN MIGUEL COUNTY, CO

DRAWING TITLE:

BRACKET DETAILS

PROJECT NO.:

7014-000

FINAL

DRAWN BY: JCF

CHECKED BY: MANAGER

DATE: 11/22/2017 8:53:34 AM

SHEET NO.:

S4.01

F:\Consulting\Work\Rocky Mountain Homes\WCLH\Homes\Summit\Rev\JustinMeyer-Summit\_11-17-2017.rvt

11/22/2017 8:53:34 AM

FILE PATH: F:\Consulting\Work\Rocky Mountain Homes\WCLH\Homes\Summit\Rev\JustinMeyer-Summit\_11-17-2017.rvt