

**Building Data Summary**

Project ID:	Prantil Residence
Location:	Mount Crested Butte, Colorado
Scope of Work:	Structural Steel
Date:	

Item #	Ref. Sheet #	Item Description	Unit	Weight in Lbs.	Wastage Percentage	Quantity with Wastage	
<b>DIVISION 05- Metal</b>							
		<b>Columns</b>					
1	A108 - SB3.01	5"x5"x1/4" H.S.S Column "C5" (33 EA , 4' H) - 132 LF — Rounded to 135 LF	Lbs.	2144	2.27%	2193	
2		5"x5"x1/4" H.S.S Column "C5" (31 EA , 10' H) - 310 LF	Lbs.	5034	0.00%	5034	
3		3.5"x3.5"x1/4" H.S.S Column "C6" (4 EA , 10' H) - 40 LF	Lbs.	432	0.00%	432	
4		3.5"x3.5"x1/4" H.S.S Column "C6" (4 EA , 4' H) - LF 16 — Rounded to 20 LF	Lbs.	173	25.00%	216	
			<b>Base Plate</b>				
5		Columns Base Plate (Detail Not Given)	EA	46	0.00%	46	
			<b>Beam</b>				
6		W4x13 (58 LF) — Rounded to 60 LF	Lbs.	754	3.45%	780	
7		W8x18 (16 LF) — Rounded to 20 LF	Lbs.	288	25.00%	360	
8		W12x26 (30 LF)	Lbs.	780	0.00%	780	
9		W12x40 (74 LF) — Rounded to 80 LF	Lbs.	2960	1.35%	3000	
10		W12x50 (95 LF)	Lbs.	4750	0.00%	4750	
11		W14x26 (24 LF) — Rounded to 25 LF	Lbs.	624	4.17%	650	
12		W8x21 (176 LF) — Rounded to 180 LF	Lbs.	3696	2.27%	3780	
13		5x5x1/4" HSS (5 LF)	Lbs.	81	0.00%	81	
14		C12x25 C Channel (39 LF) — Rounded to 40 LF	Lbs.	975	2.56%	1000	
15		C8x11.5 C Channel (89 LF) — Rounded to 90 LF	Lbs.	1024	1.12%	1036	
16		C8x11.5 Roof Joist (289 LF) — Rounded to 290 LF	Lbs.	3324	0.35%	3336	
			<b>Angle</b>				
17	4"x6"x1/2" Steel Angle (89 LF) w/ 5/8"x5" Wedge Anchors@ 24" OC	LF		5.00%	93		
		<b>Guard &amp; Handrail</b>					
18	Metal Guardrail w/ Post (3' H )	LF		5.00%	47		
19	(1 1/2" Dia) Metal Handrail (3' H)	LF		5.00%	64		
			<b>Total Lbs.</b>	<b>27039</b>		<b>27427</b>	



NOTE: RENDERINGS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

# Prantil Residence

Mount Crested Butte, Colorado

**OWNER**

Brian & Holly Prantil

**ARCHITECT**

SHM Architects, PLLC  
 Mark Hoesterey, AIA, NCARB  
 Audrey Ward  
 Sofija Andrew

126 Elk Avenue, Suite 1W  
 Crested Butte, CO 81224

Email: award@shmarchitects.com  
 Phone: 214.293.3705

**LANDSCAPE ARCHITECT**

SCJ Studio Landscape Architecture  
 Margaret Loperfido  
 Jenna Biondoililo

523 Riverland Drive, Suite 3C  
 Crested Butte, CO 81224

Email: margaret.loperfido@scjalliance.com  
 Phone: 970.641.2499

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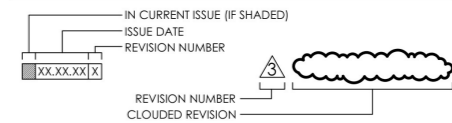
**STRUCTURAL**

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**LANDSCAPE**

- L1.0 Preliminary Landscape Plan
- L1.1 Preliminary Drainage Plan
- L1.2 Preliminary Plan List
- L1.3 Character Imagery

**DRAWING ISSUE:**



**REVISION LOG**

REVISION NO.	REVISION DATE	DESCRIPTION
1	00.00.00	DESCRIPTION

**STRUCTURAL ENGINEER**

Alpine Edge Engineering LLC  
 Matthew D. Hepp, P.E.

605 River Park Dr.  
 Ridgway, CO 81432

Email: mattheppeng@gmail.com  
 Phone: 970.318.1469



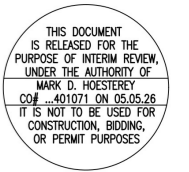
126 Elk Avenue, Suite 1W  
 Crested Butte, Colorado  
 81224

970-713-0700 – Direct  
 214-252-3840 – Fax

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Design Development  
 (NOT FOR CONSTRUCTION)

**Prantil Residence**  
 Mount Crested Butte, Colorado

SHM Project #  
 25-079

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Issue Date  
 May 05, 2026

Cover Sheet /  
 Index

**A1.00**

SHM 25-079 Prantil Residence, A1.dwg 14 October 2025

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Design Development  
(NOT FOR CONSTRUCTION)

**Prantil Residence**  
Mount Crested Butte, Colorado

SHM Project # 25-079

Issue Date  
May 05, 2026

First Floor Plan

**A2.01**



22.6 FT

FLOOR PLAN KEY

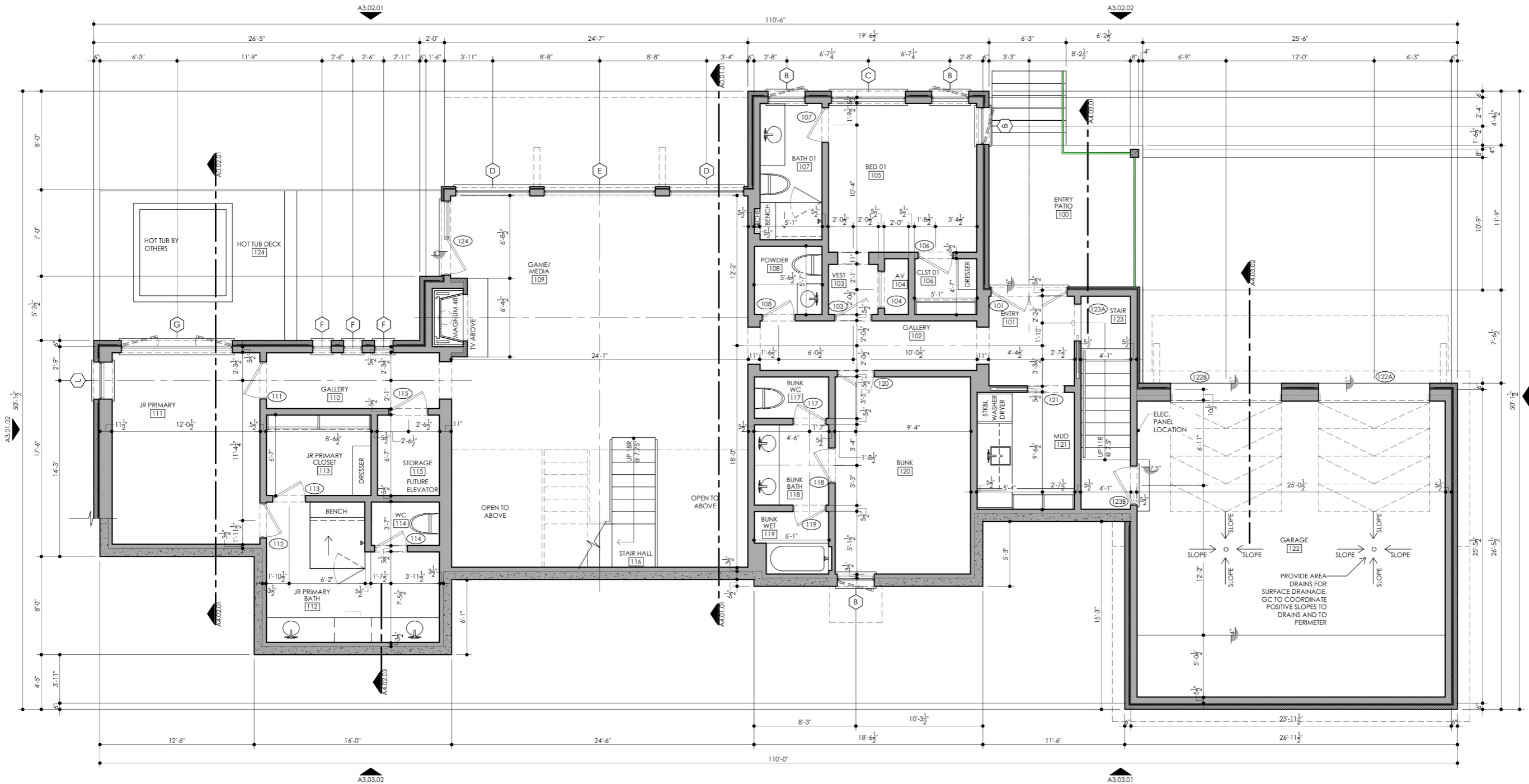
- ROOM  
[XXX]
- DOOR NUMBER  
[000]
- WINDOW TYPE  
[X]

FLOOR PLAN LEGEND

- [Hatched Box] STONE OVER FRAME CONSTRUCTION
- [Hatched Box] WOOD SIDING OVER FRAME CONSTRUCTION
- [Hatched Box] STAGGERED 2x4 STUD WALL WITH SOUND BATTS REFER DETAIL A1.01.04

GENERAL NOTES

1. ALL DIMENSIONS TO FACE OF STUD U.N.O.
2. DIMENSIONS NOTED W/ AN ASTERISK (\*) ARE TO FINISH MATERIAL
3. ELEVATION DROPS AT SHOWERS NOTED ON A2 ARE TO SUBFLOOR: SLOPE SHOWER FLOOR SYSTEM AND/OR FINISH TO DRAIN
4. REFER A9 SHEETS FOR FINISH MATERIAL ELEVATION CHANGES
5. REFER SHEET A1.01 DIV. 10 FOR SPECIALTIES NOTES
6. REFER SHEET A1.01 DIV. 11 FOR EQUIPMENT NOTES
7. REFER SHEET A1.01 DIV. 13 FOR SPECIAL CONSTRUCTION NOTES
8. REFER SHEET A1.01 DIV. 22 FOR PLUMBING NOTES
9. REFER SHEET A1.01 DIV. 23 FOR HVAC NOTES
10. FOR GARAGE SEPARATION FROM MAIN HOUSE REFER CODE (IRC R302.6)
11. WINDOWS/DOORS MAY REQUIRE OVER FRAMING TO ALLOW FOR DRYWALL RETURN AND/OR BASEBOARD RETURN AT JAMBS REFER A6 FOR DETAILS.



01 FIRST FLOOR PLAN  
SCALE: 1/4" = 1'-0"

SHM 25-079 Prantil Residence\_A2.dwg 24 November 2025

Guard Rail  
Handrail

60.8 FT  
22.3 FT

FLOOR PLAN KEY

- ROOM  
[XXX]
- DOOR NUMBER  
[000X]
- WINDOW TYPE  
[X]

FLOOR PLAN LEGEND

- [Pattern] STONE OVER FRAME CONSTRUCTION
- [Pattern] WOOD SIDING OVER FRAME CONSTRUCTION
- [Pattern] STAGGERED 2x4 STUD WALL WITH SOUND BATS REFER DETAIL A1.01.04

GENERAL NOTES

1. ALL DIMENSIONS TO FACE OF STUD U.N.O.
2. DIMENSIONS NOTED W/ AN ASTERISK (\*) ARE TO FINISH MATERIAL
3. ELEVATION DROPS AT SHOWERS NOTED ON A2 ARE TO SUBFLOOR; SLOPE SHOWER FLOOR SYSTEM AND/OR FINISH TO DRAIN
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7. REFER SHEET A1.01 DIV. 13 FOR SPECIAL CONSTRUCTION NOTES
8. REFER SHEET A1.01 DIV. 22 FOR PLUMBING NOTES
9. REFER SHEET A1.01 DIV. 23 FOR HVAC NOTES
10. FOR GARAGE SEPARATION FROM MAIN HOUSE REFER CODE (IRC R302.4)
11. WINDOWS/DOORS MAY REQUIRE OVER FRAMING TO ALLOW FOR DRYWALL RETURN AND/OR BASEBOARD RETURN AT JAMBS REFER A6 FOR DETAILS.



126 Elk Avenue, Suite 1W  
Crested Butte, Colorado  
81224

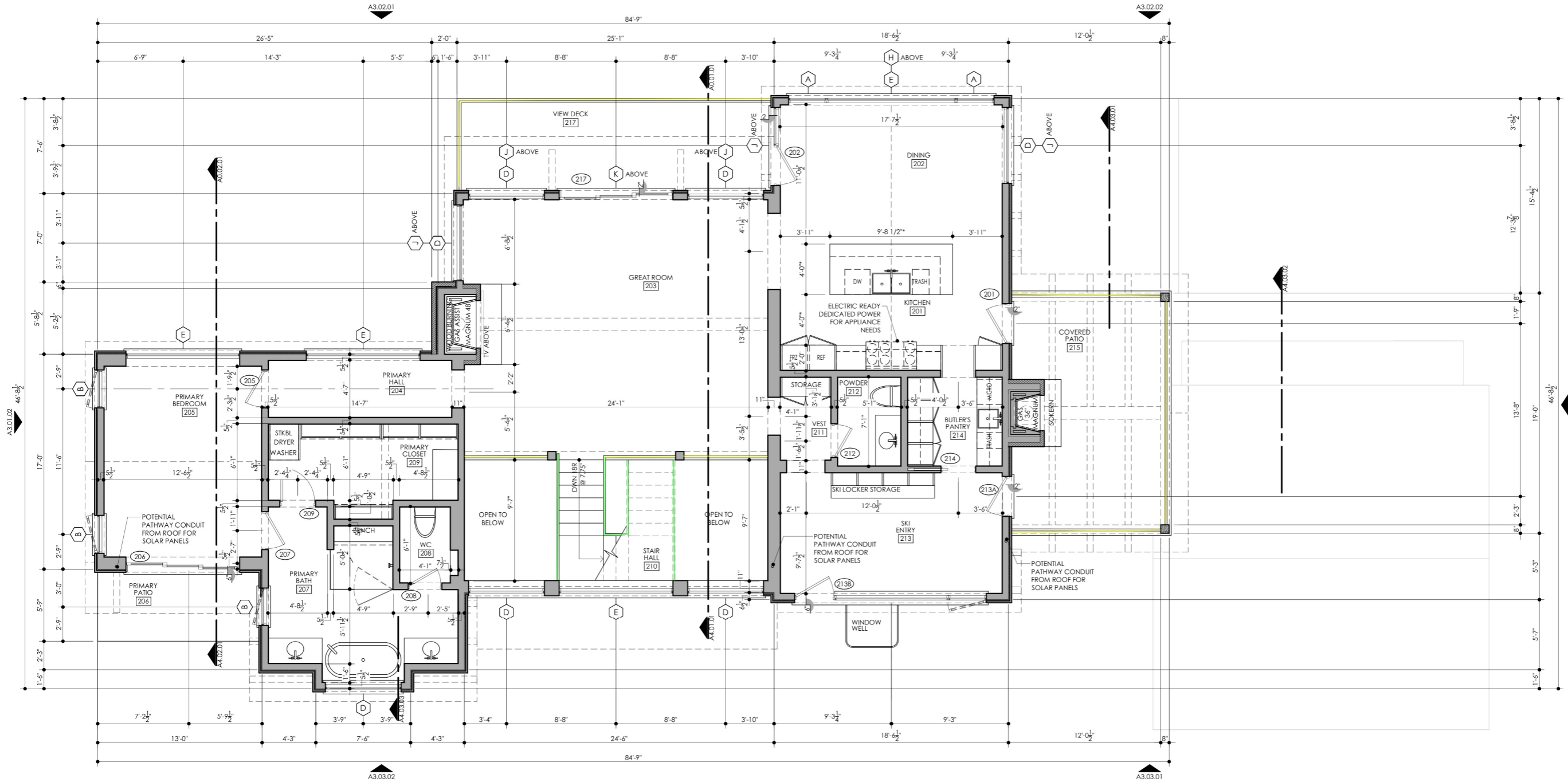
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Design Development  
(NOT FOR CONSTRUCTION)

Prantil Residence  
Mount Crested Butte, Colorado

SHM Project #  
25-079

Issue Date  
May 05, 2026

Second Floor Plan



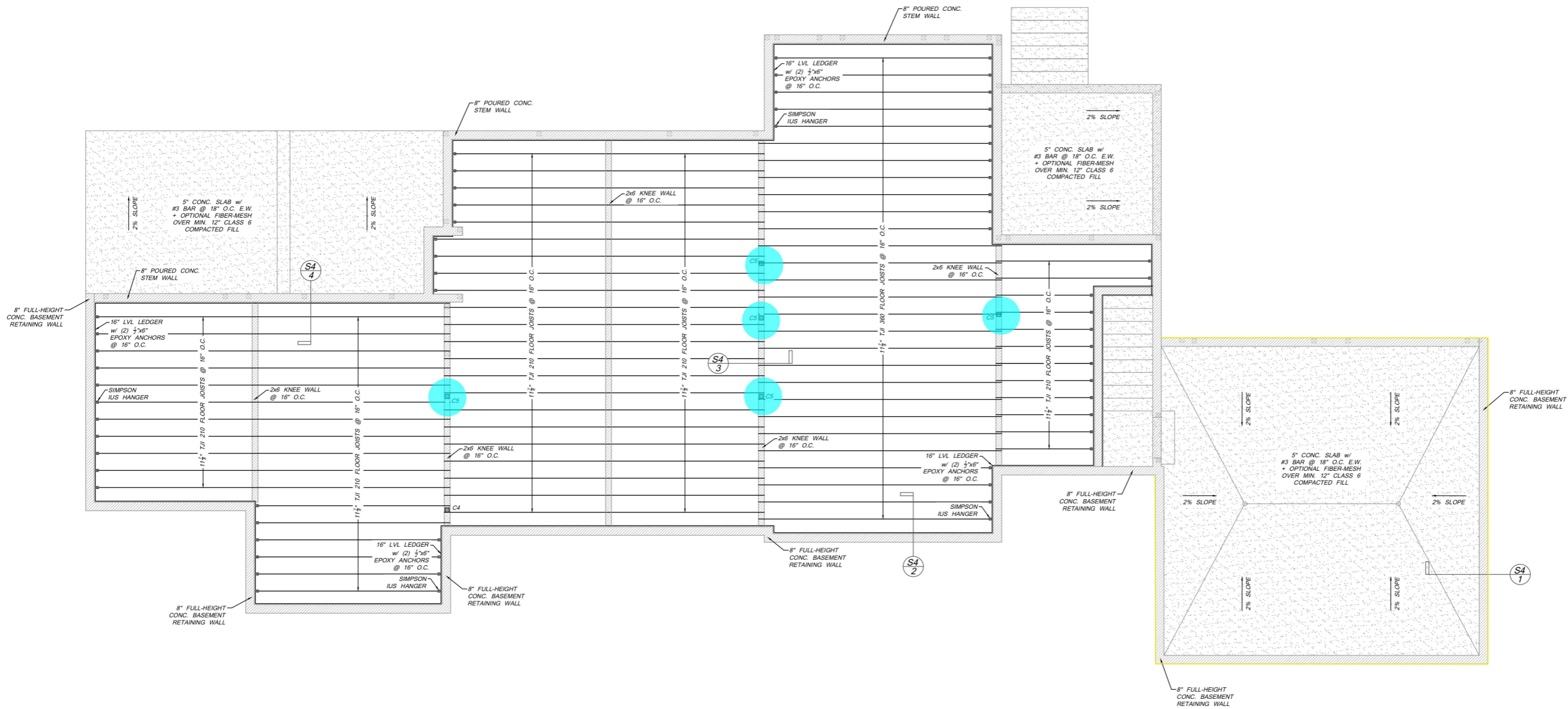
01 SECOND FLOOR PLAN  
SCALE: 1/4" = 1'-0"

A2.02

4"x6"x1/2" Steel Anglew/ 5/8"x5" Wedge Anchors @ 24" OC  
 C5

88.6 FT  
 5.0 EA

REVISIONS	DATE	BY



COLUMN SCHEDULE:

SYMBOL	DESCRIPTION
C0	8x8 D.F. #2 POST
C1	(1) 2x TRIMMER
C2	(2) 2x TRIMMER
C3	(3) 2x TRIMMER
C4	(4) 2x TRIMMER
C5	5x5x1/2" H.S.S.
C6	3.5x3.5x1/2" H.S.S.
□	BELOW ONLY
⊠	ABOVE ONLY
■	ABOVE AND BELOW

LOWER FLOOR FRAMING PLAN

SCALE: 1/4"=1'



ALPINE EDGE ENGINEERING LLC  
 MATTHEW D. HEPP, P.E.  
 605 RIVER PARK DR  
 RIDGWAY, CO 81432  
 970-318-1469

PRANTIL RESIDENCE  
 726 PROSPECT DRIVE, LOT E-15  
 MOUNT CRESTED BUTTE, COLORADO

APR. 30, 2026

COSTING SET

S3

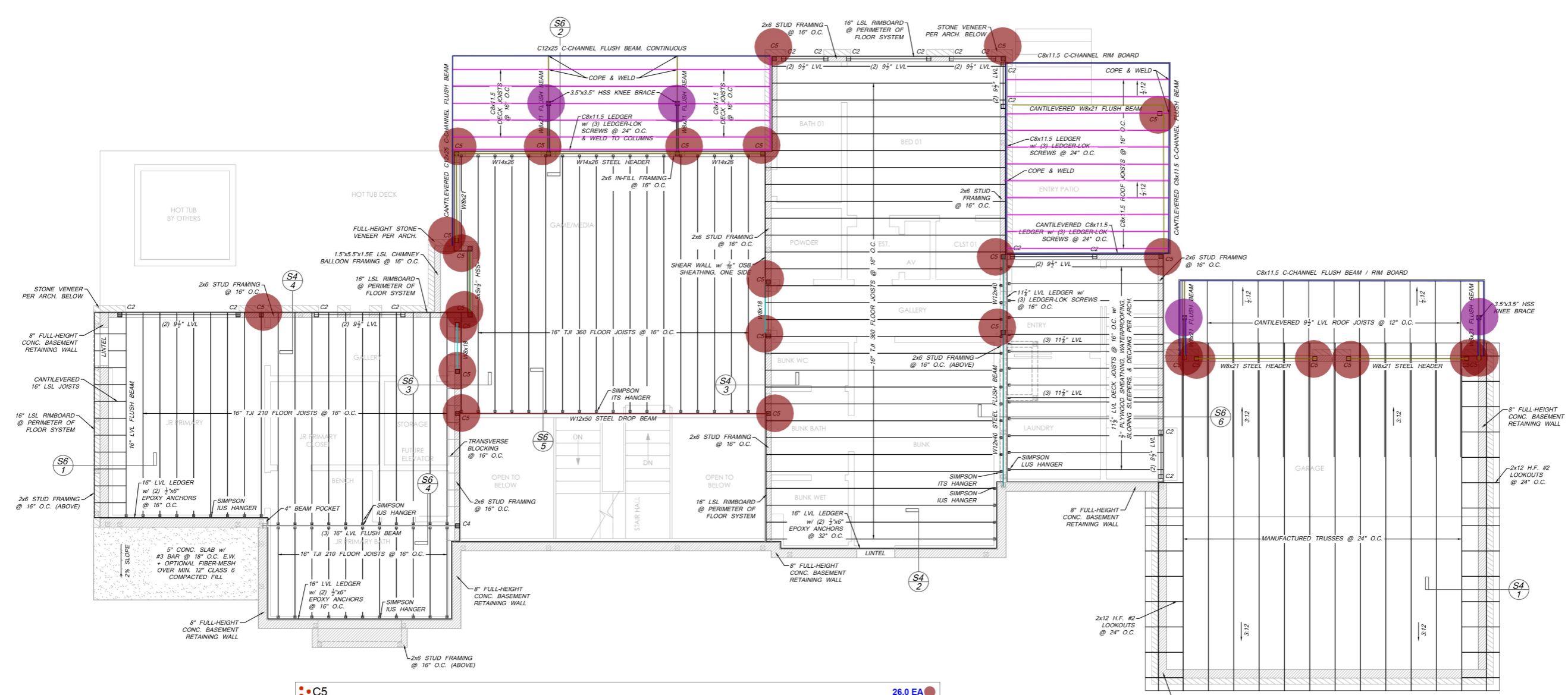
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PRANTIL RESIDENCE  
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APR. 30, 2026

S5



**COLUMN SCHEDULE:**

SYMBOL	DESCRIPTION
C0	8x8 D.F. #2 POST
C1	(1) 2x TRIMMER
C2	(2) 2x TRIMMER
C3	(3) 2x TRIMMER
C4	(4) 2x TRIMMER
C5	5x5x1/2" H.S.S.
C6	3.5x3.5x1/2" H.S.S.
□	BELOW ONLY
▨	ABOVE ONLY
■	ABOVE AND BELOW

● C5	26.0 EA
■ W8x21	74.5 FT
■ C8x11.5 C Channel Flush Beam	88.5 FT
■ W12x40	17.6 FT
■ W4x13 Or 3.5"x3.5" HSS Knee Brace	13.1 FT
■ C8x11.5 Roof Joist	288.7 FT
■ W8x18	7.2 FT
■ W12x50	23.9 FT
■ 5x5x1/4" HSS Beam	4.7 FT
■ W14x26	23.6 FT
■ C12x25 C Channel Flush Beam	38.7 FT
● C6	4.0 EA

**MAIN FLOOR FRAMING PLAN**

SCALE: 1/4"=1'



COSTING SET

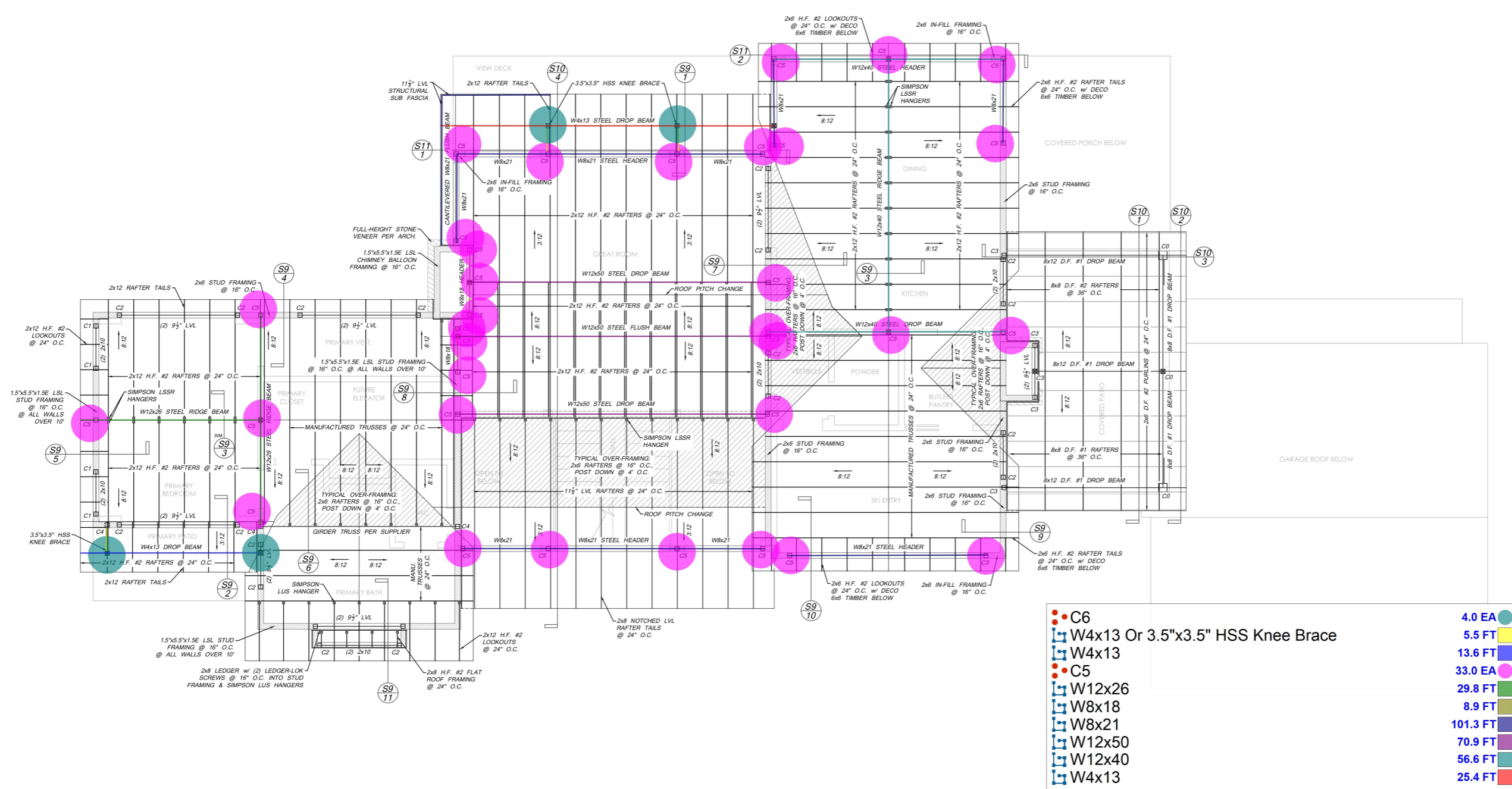
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PRANTIL RESIDENCE  
 726 PROSPECT DRIVE, LOT E-15  
 MOUNT CRESTED BUTTE, COLORADO

APR. 30, 2026

S8



ROOF FRAMING PLAN

SCALE: 1/4"=1'



COSTING SET