

SHEET SCHEDULE	
CS	COVER SHEET, GENERAL DATA
A1	LEVEL 1 FLOOR PLAN
A2	LEVEL 1 FLOOR PLAN DIMENSIONS
A3	LEVEL 1 UPPER CEILING PLAN
A4	LEVEL 2 FLOOR PLAN
A5	LEVEL 2 FLOOR PLAN DIMENSIONS
A6	EXTERIOR VIEWS
A7	EXTERIOR VIEWS
A8	SECTIONAL DETAILS
A9	SECTIONAL DETAILS
S1	STRUCTURAL COVER SHEET
S2	FOOTING PLAN
S3	SLAB PLAN
S4	LEVEL 1 FRAMING PLAN
S5	LEVEL 1 CEILING FRAMING
S6	LEVEL 2 CEILING FRAMING
S7	ROOF FRAMING PLAN

RESIDENTIAL CODE SUMMARY	
PLANS ARE DESIGNED TO MEET REQUIREMENTS OF 2018 NORTH CAROLINA RESIDENTIAL CODE	
STRUCTURE IS DESIGNED TO WITHSTAND 120 MPH, 3 SECOND GUST (104 FASTEST WIND), EXPOSURE B.	
ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER & SHALL EXTEND A MINIMUM 7" INTO MASONRY OR CONCRETE. ANCHOR BOLTS TO BE NO MORE THAN 6' O.C. AND WITHIN 12" OF THE CORNERS.	
MEAN ROOF HEIGHT= 25'-3"	
COMPONENT AND CLADDING ARE DESIGNED FOR THE FOLLOWING LOADS:	
MEAN ROOF HEIGHT	UP TO 30' 30'-1"-35' 35'-1"-40' 40'-1"-45'
ZONE 1	16.5,-18.0 17.3,-18.9 18.0,-19.6 18.5,-20.2
ZONE 2	16.5,-21.0 17.3,-22.1 18.0,-22.9 18.5,-23.5
ZONE 3	16.5,-21.0 17.3,-22.1 18.0,-22.9 18.5,-23.5
ZONE 4	18.0,-19.5 18.9,-20.5 19.6,-21.3 20.2,-21.8
ZONE 5	18.0,-24.1 18.9,-25.3 19.6,-26.3 20.2,-27.0

INSULATION DESIGN VALUES:	
ZONE 4	
MAXIMUM GLAZING U-FACTOR=0.35	
SLAB EDGE UNDER CONDITIONED SPACES R-10 (NOTE 1)	
2X4 WOOD FRAME WALLS R-15	
2X6 WOOD FRAME WALLS R-19 LABEL, R-18 WITH COMPRESSION	
CEILING R-30 (UNCOMPRESSED) OR R-38 (NOTE 2)	

NOTES APPENDED TO INSULATION DESIGN VALUES:	
1. FLOOR SLAB PERIMETER EDGES UNDER CONDITIONED SPACES SHALL HAVE RIGID INSULATION APPLIED, EXTENDING TO THE BOTTOM OF THE FOUNDATION WALL OR 24", WHICHEVER IS LESS.	
2. R-30 SHALL BE INSTALLED WHEREVER THE FULL HEIGHT OF UNCOMPRESSED R-30 INSULATION CAN BE APPLIED. OTHERWISE R-38 INSULATION IS REQUIRED.	

AREA CALCULATIONS	
LEVEL 1 CONDITIONED SPACE + GARAGE	2875 SF
LEVEL 1 CONDITIONED AREA	1764 SF
LEVEL 1 GARAGE	1111 SF
LEVEL 1 PORCH	1321 SF
LEVEL 2 CONDITIONED AREA	583 SF
LEVEL 2 UNFINISHED ATTIC SPACE	1673 SF

VENTILATION CALCULATIONS	
ATTIC:	
NOT APPLICAPABLE FOR THIS PROJECT SINCE ATTIC WALLS AND ROOF DECK ARE SPECIFIED TO HAVE CONTINUOUS SPRAY FOAM INSULATION.	
CRAWL SPACE:	
NOT APPLICAPABLE FOR THIS PROJECT SINCE FLOORS ARE ON SLAB.	

STRUCTURAL EVALUATION BY:
HOWERTON SERVICES, PLLC
LICENCE # P-1716
3513 CATHEDRAL BELL ROAD, RALEIGH N.C. 27614

BUILDING DESIGN BY:
S&S CONTRACTING
6349 RIVER ROAD, FLOQUAY, NC 27536

ROBERT AND JILL GRIFFIS
CUSTOM PLAN - HARNETT COUNTY RESIDENCE
MATTHEWS ROAD AND CHESLEY DRIVE, HARNETT COUNTY N.C.

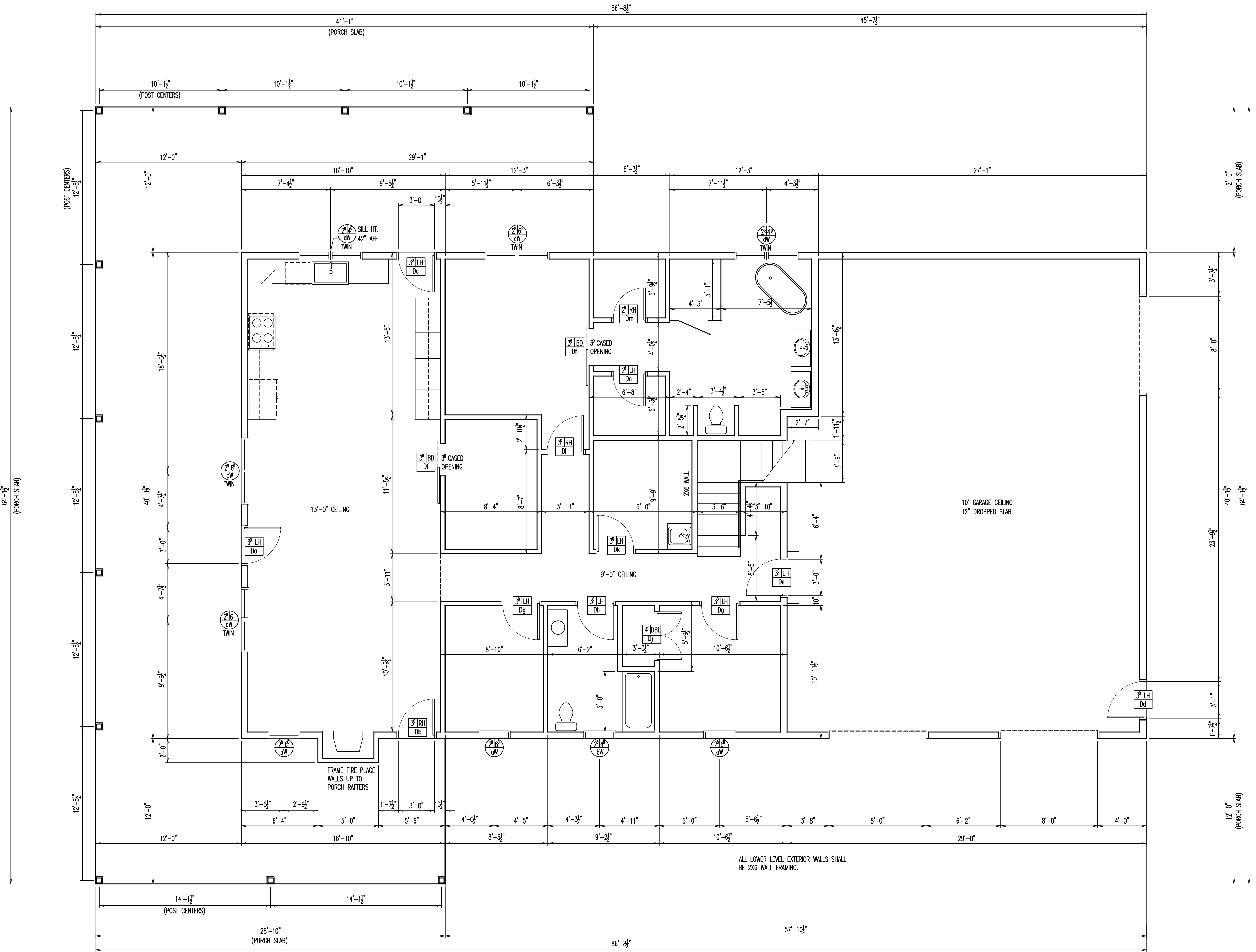
DESCRIPTION:
COVER SHEET
GENERAL DATA

REVISION:

DATE:
FEB/06/2025

DRAWING:

CS



A2 LEVEL 1 FLOOR PLAN-DIMENSIONS
01 SCALE: 1/4" = 1'-0"

ROBERT AND JILL GRIFFIS
CUSTOM PLAN - HARNETT COUNTY RESIDENCE
MATTHEWS ROAD AND CHESLEY DRIVE, HARNETT COUNTY N.C.

BUILDING DESIGN BY:
S&S CONTRACTING
6349 RIVER ROAD, FLOUAT, NC 27526

STRUCTURAL EVALUATION BY:
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3513 CATHEDRAL BELL ROAD, RALEIGH NC 27614

DESCRIPTION:
LEVEL 1 FLOOR
PLAN DIMENSIONS

REVISION:

DATE:
FEB/06/2025

DRAWING:

A2

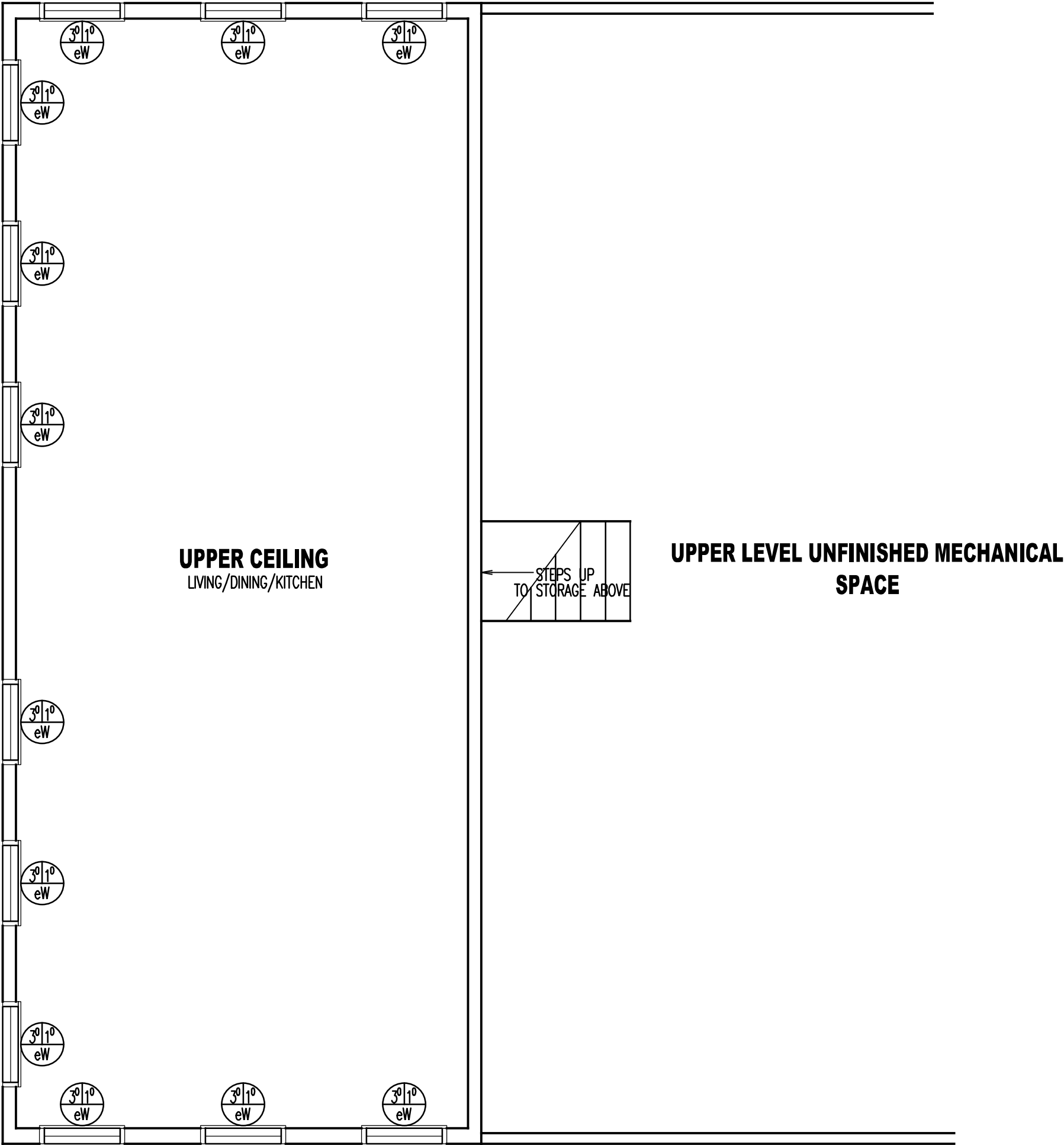
DOOR SCHEDULE							
MARK	WIDTH	HEIGHT	SWING	DESCRIPTION	HARDWARE	GLAZING	COMMENTS
Da	3'-0"	6'-8"	LH	FRONT ENTRY	ENTRY AND DEADBOLT	FOUR LITE	WEATHERSTRIP
Db	3'-0"	6'-8"	RH	SIDE ENTRY	ENTRY AND DEADBOLT	FOUR LITE	WEATHERSTRIP
Dc	3'-0"	6'-8"	LH	SIDE ENTRY	ENTRY AND DEADBOLT	FOUR LITE	WEATHERSTRIP
Dd	3'-0"	6'-8"	LH	GARAGE ENTRY	ENTRY AND DEADBOLT	FOUR LITE	WEATHERSTRIP
De	3'-0"	6'-8"	LH	FIRE RATED REAR ENTRY	ENTRY AND DEADBOLT	N/A	WEATHERSTRIP
Df	3'-6"	7'-0"	BD	SLIDING BARN DOOR	HEADER BAR AND ROLLERS	N/A	4" WIDER THAN OPENING
Dg	3'-0"	6'-8"	LH	INTERIOR	PASSAGE WITH LOCK	N/A	---
Dh	3'-0"	6'-8"	LH	INTERIOR	BATH WITH LOCK	N/A	---
Dj	4'-0"	6'-8"	DBL	DOUBLE OUT SWING CLOSET	DUMMY	N/A	BALL CATCH
Dk	3'-0"	6'-8"	LH	INTERIOR	PASSAGE	N/A	---
Di	3'-0"	6'-8"	RH	INTERIOR	PASSAGE WITH LOCK	N/A	---
Dm	2'-8"	6'-8"	RH	INTERIOR	PASSAGE	N/A	---
Dn	2'-8"	6'-8"	RH	INTERIOR	PASSAGE	N/A	---
Do	3'-0"	6'-8"	LH	INTERIOR	PASSAGE	N/A	---
Dp	3'-0"	6'-8"	RH	SOLID CORE INTERIOR	PASSAGE WITH LOCK	N/A	WEATHERSTRIP
Dq	2'-0"	6'-8"	RH	INTERIOR	PASSAGE WITH LOCK	N/A	WEATHERSTRIP

- DOORS SCHEDULE NOTES:
- OWNER TO SELECT HARDWARE FINISHES.

WINDOW SCHEDULE					
MARK	SIZE	DESCRIPTION	JAMB SIZE	EGRESS	NOTES
dW	2'-8"W X 6'-0"H	DOUBLE HUNG	6 3/8"	<input checked="" type="checkbox"/>	1,2,3
bW	2'-8"W X 4'-0"H	DOUBLE HUNG	6 3/8"	<input type="checkbox"/>	1,3
cW	2'-8"W X 6'-0"H (TWIN)	DOUBLE HUNG (TWIN)	6 3/8"	<input checked="" type="checkbox"/>	1,2,3,4
dW	2'-8"W X 4'-0"H (TWIN)	DOUBLE HUNG	6 3/8"	<input type="checkbox"/>	1,3,4
eW	3'-0"W X 1'-0"H (TRANSOM)	FIXED TRANSOM	6 3/8"	<input type="checkbox"/>	1
fW	2'-8"W X 5'-0"H	DOUBLE HUNG	6 3/8"	<input type="checkbox"/>	1,2,3
gW	3'-0"W X 3'-0"H	FIXED	6 3/8"	<input type="checkbox"/>	1,3

WINDOW SCHEDULE NOTES:

- ALL WINDOWS SHALL BE LOW E, DOUBLE INSULATED
PROVIDE SAFETY GLAZING FOR FOR ALL HAZARDOUS LOCATIONS DEFINED IN GLAZING
SECTION OF NC BUILDING CODE-RESIDENTIAL CODE.
- ALL EGRESS WINDOWS SHALL BE SIZED AND MOUNTED TO MEET THE EMERGENCY ESCAPE
AND RESCUE OPENING REQUIREMENTS OF NC BUILDING CODE-RESIDENTIAL CODE.
- MUTTON PATTERNS TO BE SELECTED BY THE OWNER.
- TWIN WINDOW, FACTORY MULLED.



A3 LEVEL 1 UPPER CEILING PLAN
01 SCALE: 1/4" = 1'-0"

STRUCTURAL EVALUATION BY:
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3515 CATHEDRAL BELL ROAD, RALEIGH NC. 27614

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6349 RIVER ROAD, FLOUQUAY NC 27536

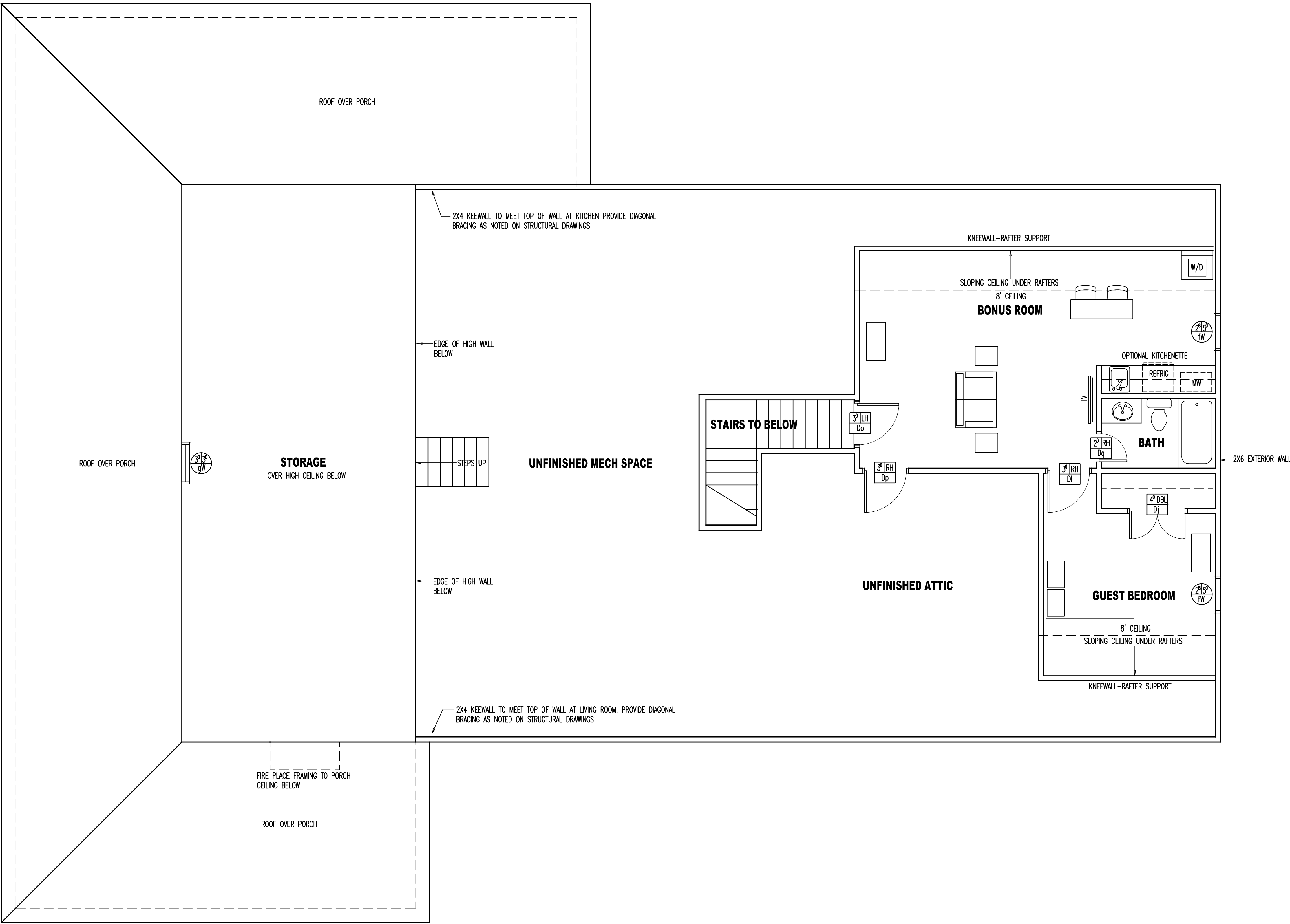
ROBERT AND JILL GRIFFIS
CUSTOM PLAN - HARNETT COUNTY RESIDENCE
MATTHEWS ROAD AND CHESLEY DRIVE, HARNETT COUNTY N.C.

DESCRIPTION:
LEVEL 1 UPPER
LEVEL CEILING
PLAN

REVISION:

DATE:
FEB/06/2025

DRAWING:
A3



A4 LEVEL 2 FLOOR PLAN
01 SCALE: 1/4" = 1'-0"

ROBERT AND JILL GRIFFIS
CUSTOM PLAN - HARNETT COUNTY RESIDENCE
MATTHEWS ROAD AND CHESLEY DRIVE, HARNETT COUNTY N.C.

DESCRIPTION:
LEVEL 2 FLOOR
PLAN
REVISION:
DATE:
FEB/06/2025

DRAWING:
A4

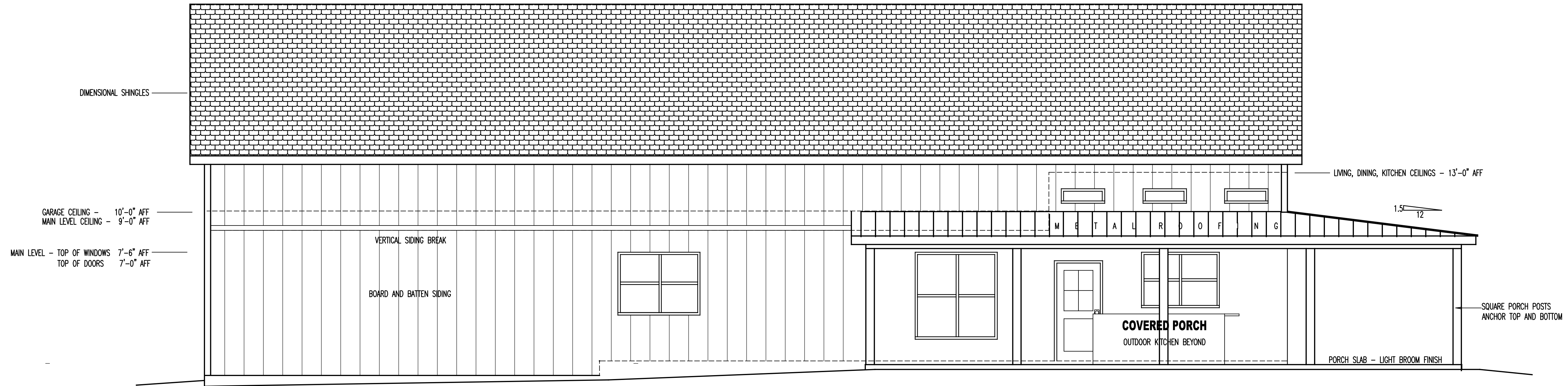
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LICENSE # P-1716
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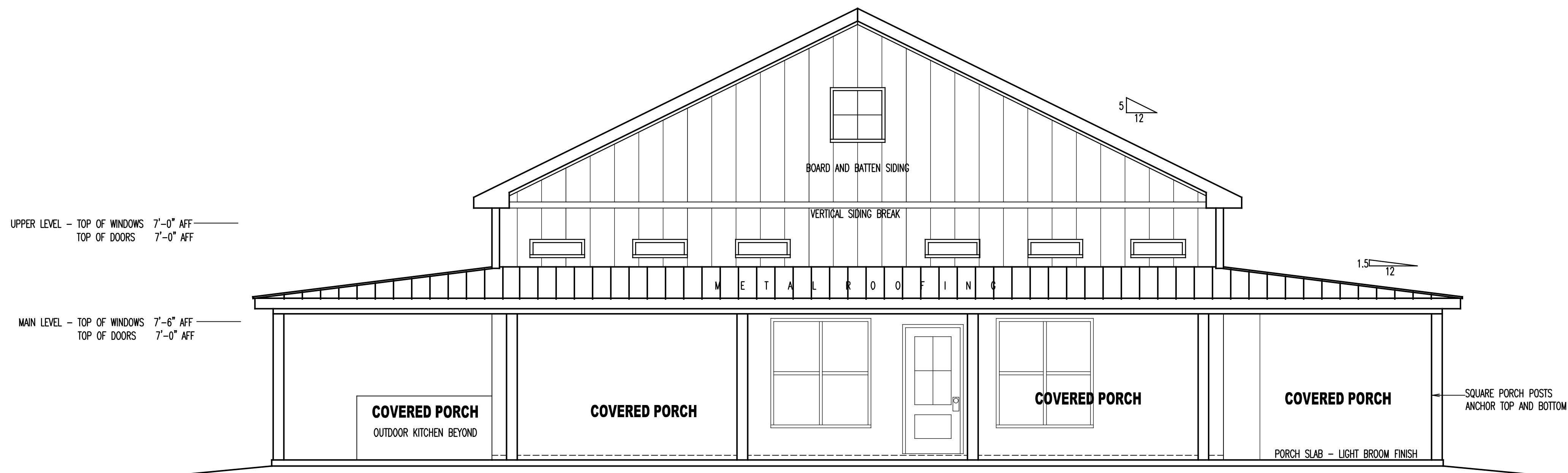


DRAWING:

A5



LEFT SIDE VIEW



FRONT VIEW

A6 EXTERIOR VIEWS
01 SCALE: 1/4" = 1'-0"

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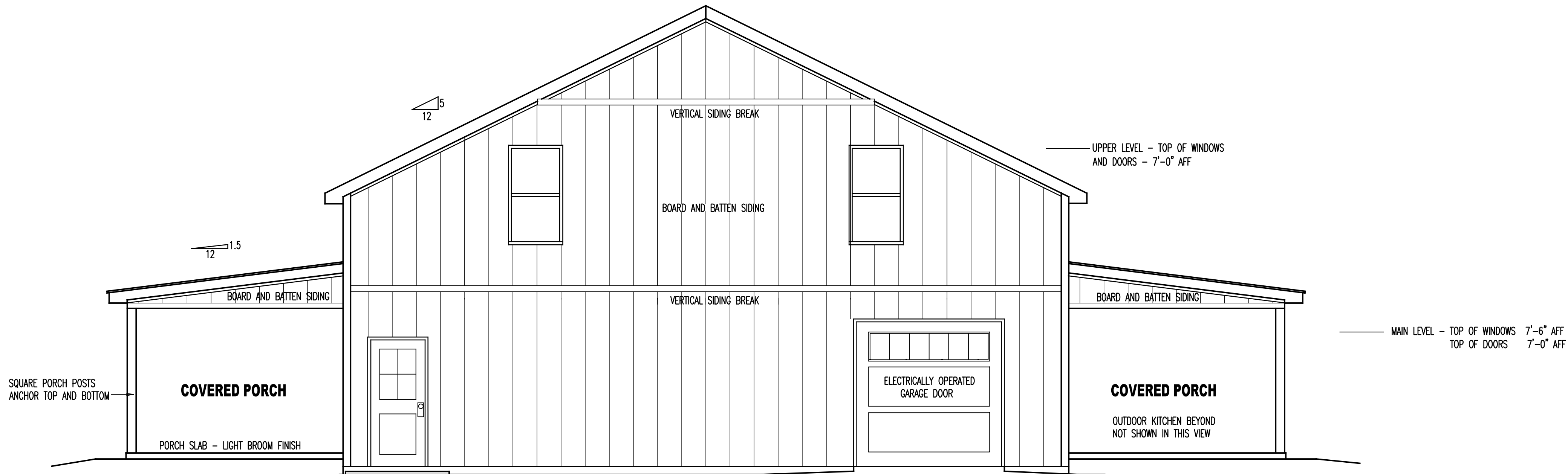
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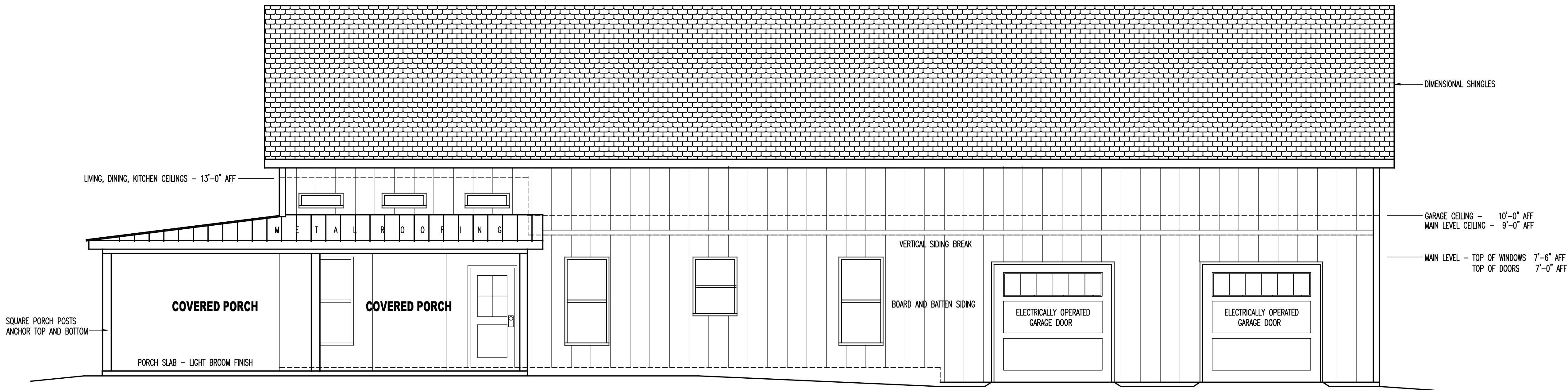
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DRAWING:

A6



REAR VIEW



RIGHT SIDE VIEW

A7 EXTERIOR VIEWS
01 SCALE: 1/4" = 1'-0"

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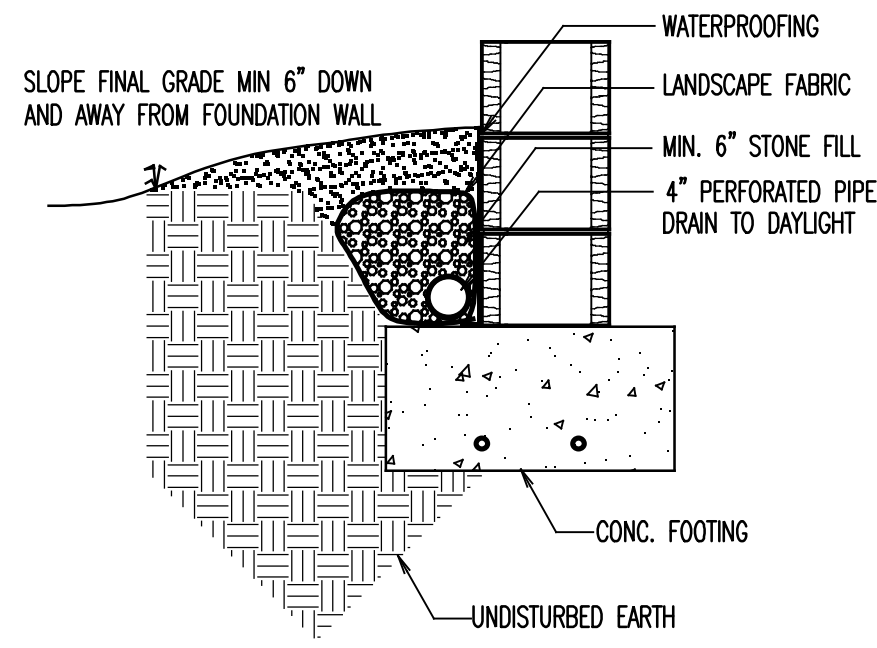
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EXTERIOR VIEWS

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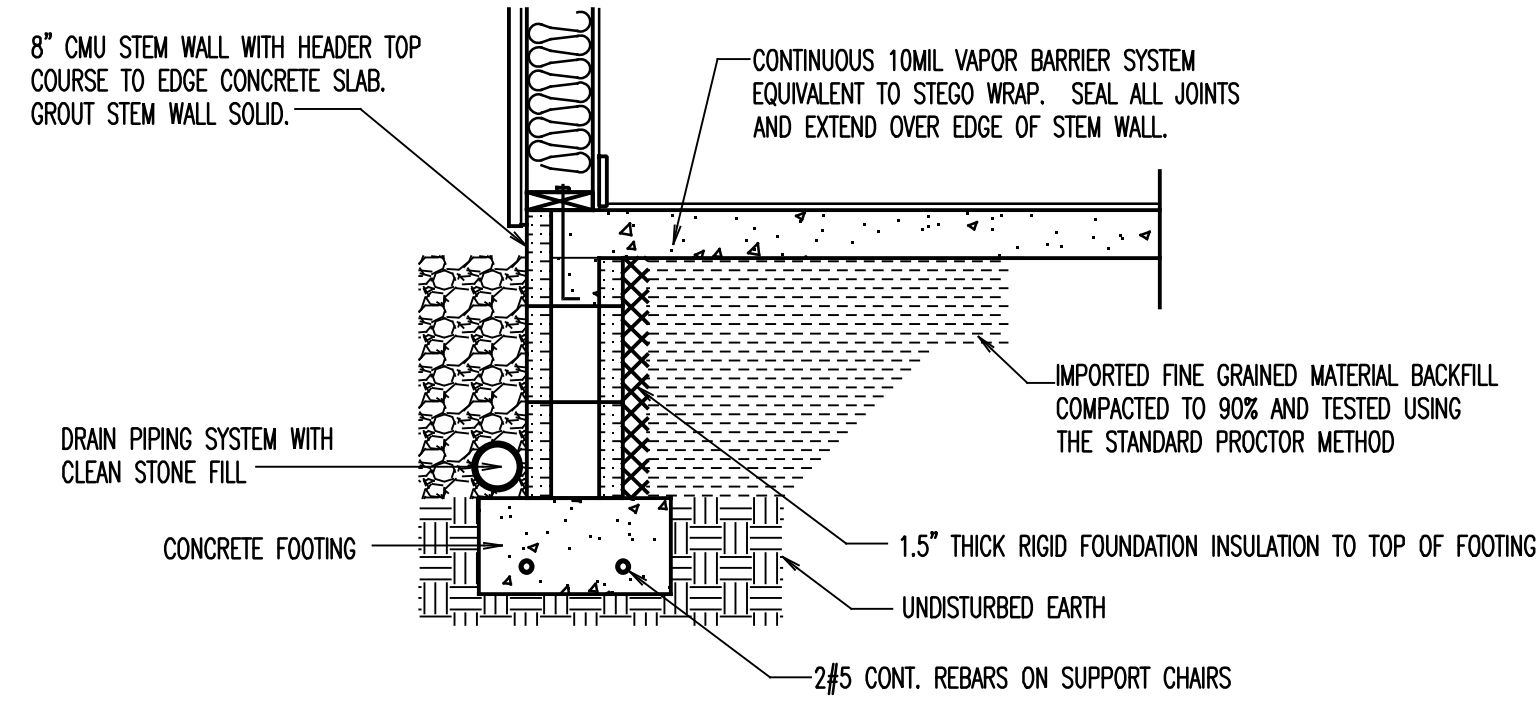
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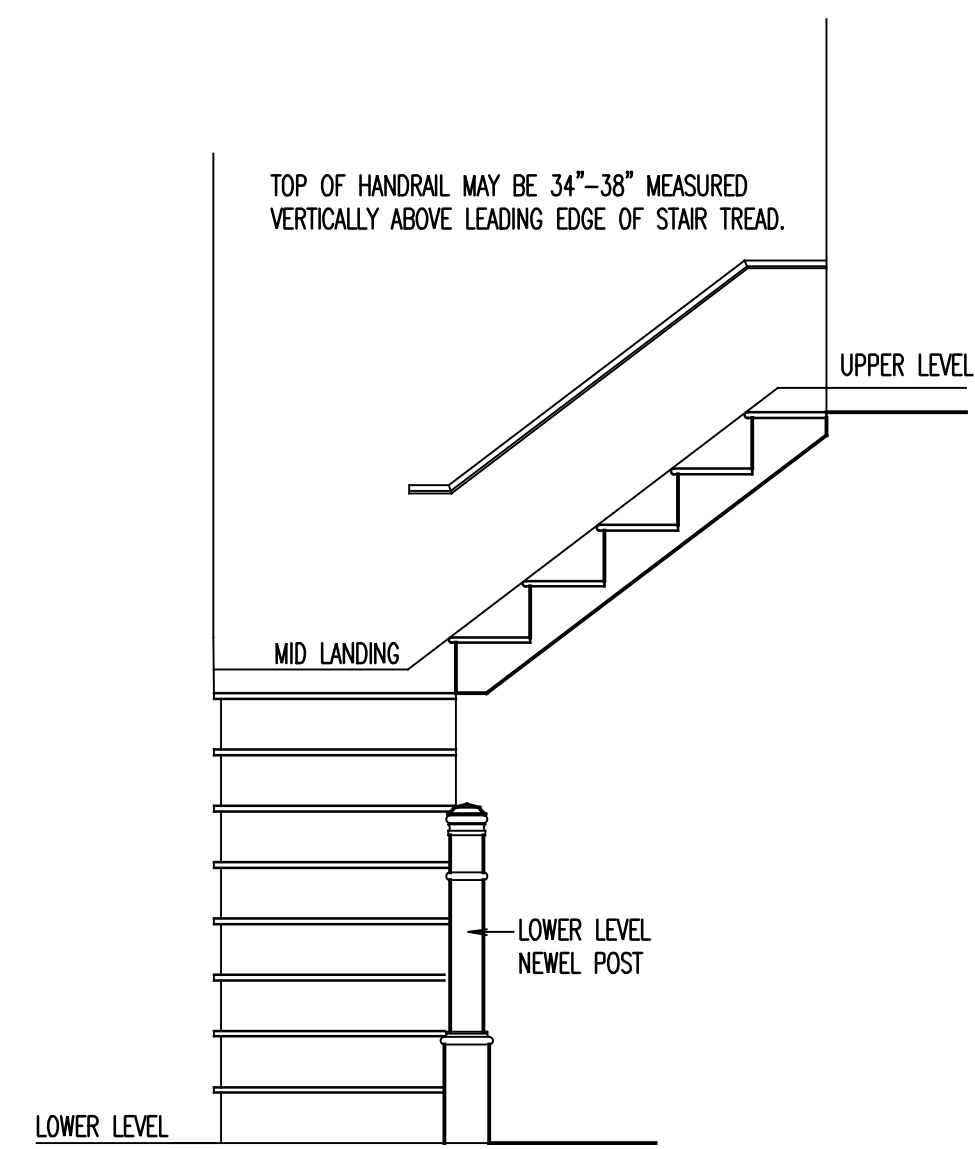
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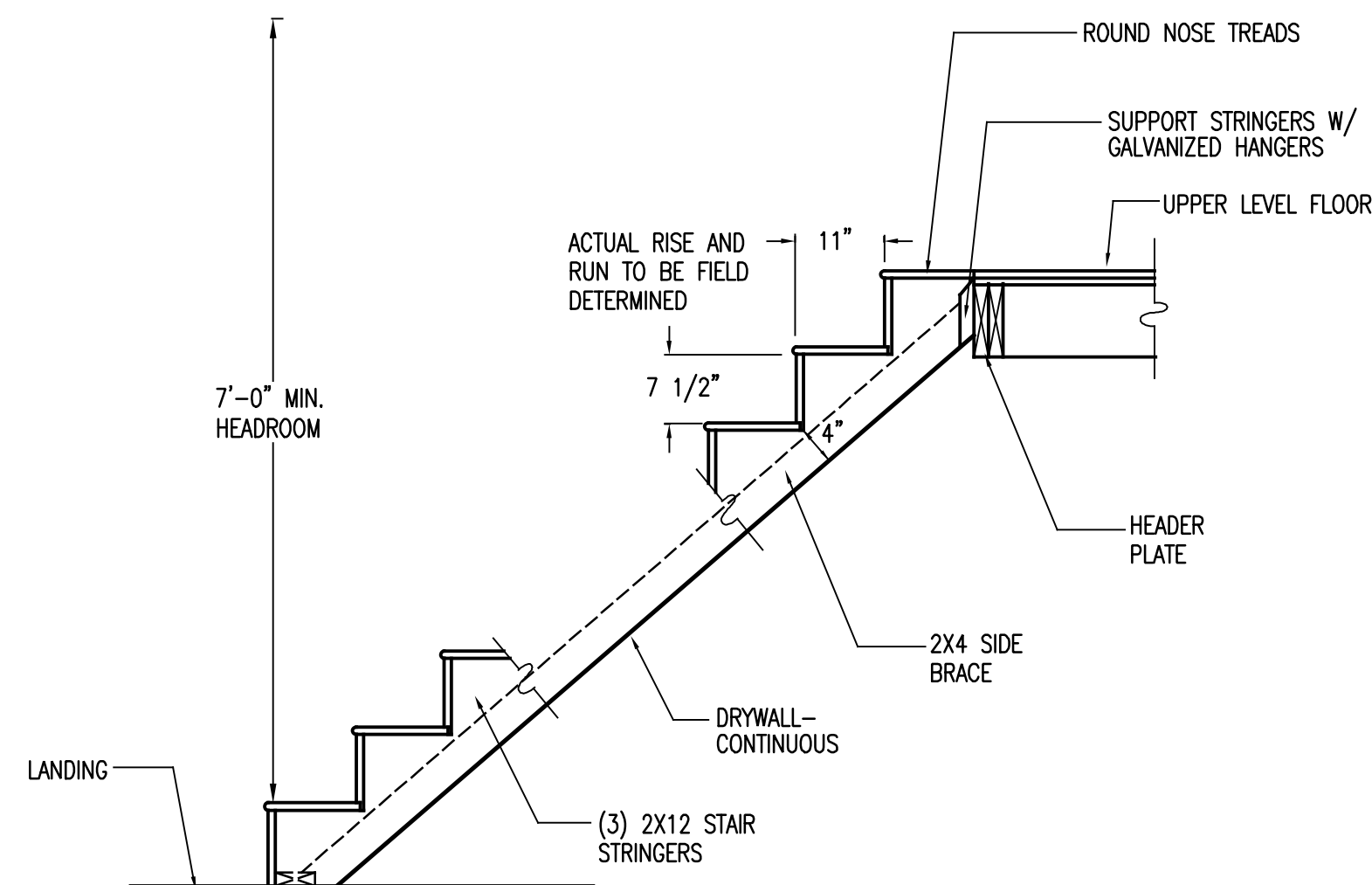
FOUNDATION DRAINAGE



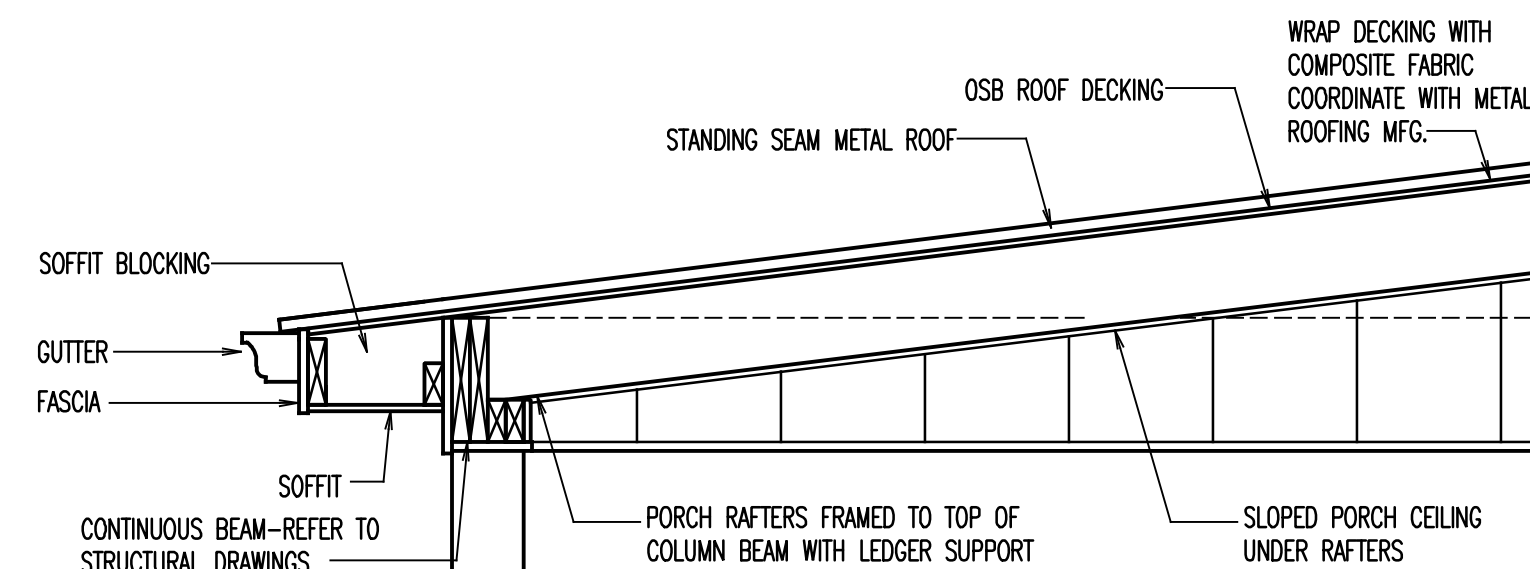
STEM WALL DETAIL



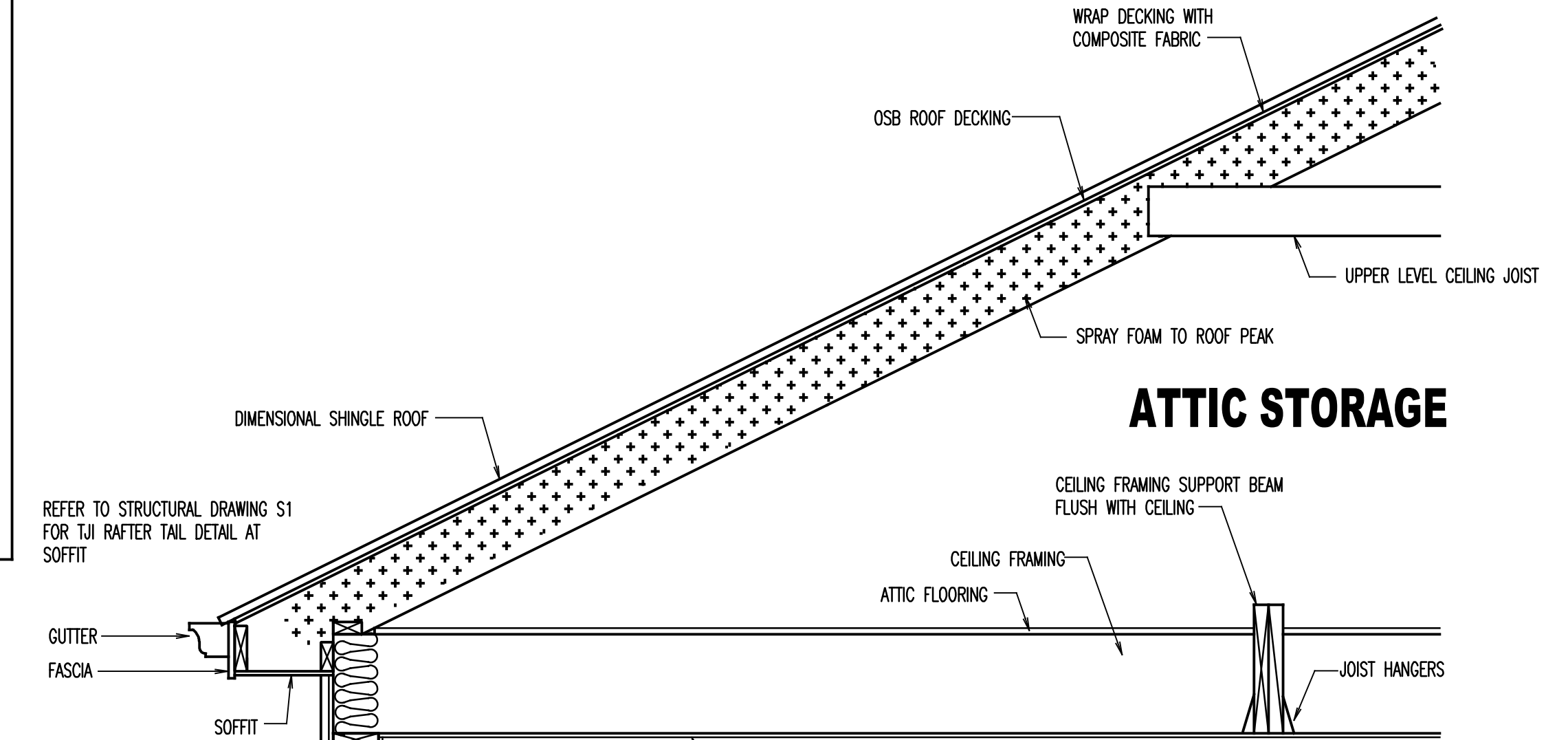
INTERIOR STAIR DETAIL



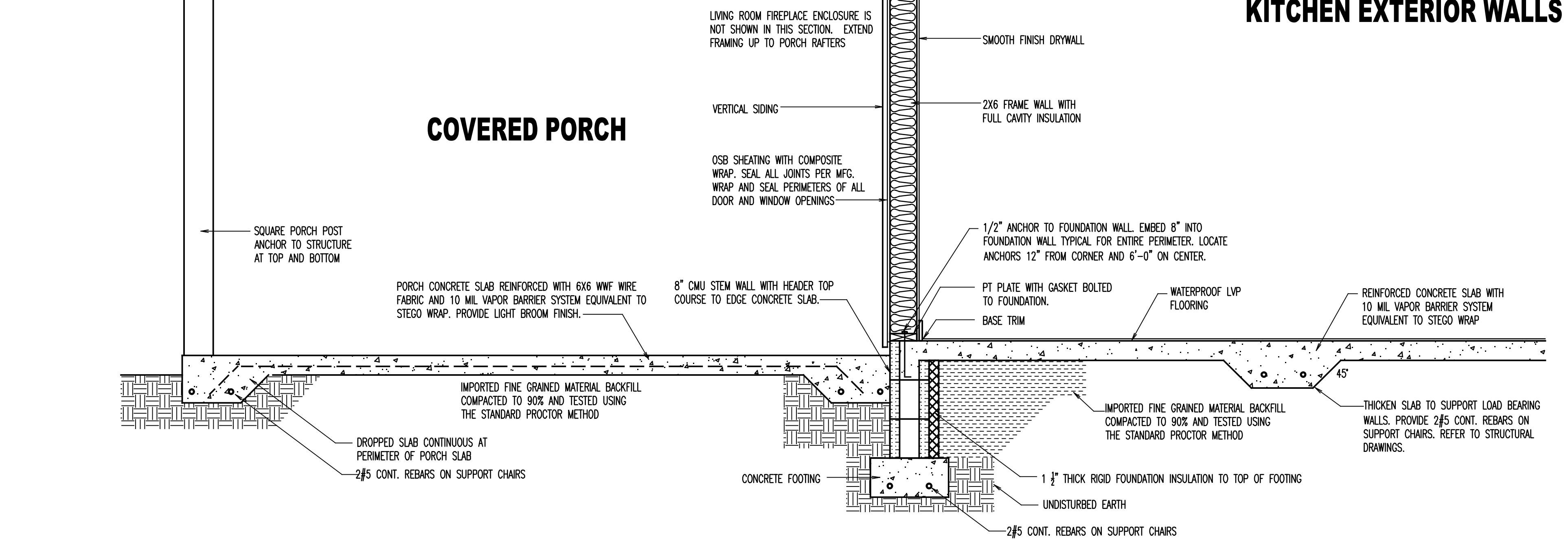
TYPICAL STAIR SECTION



COVERED PORCH



ATTIC STORAGE



SECTION THRU PORCH AND HIGH CEILING AREAS

A8 SECTIONAL DETAILS
01 NTS

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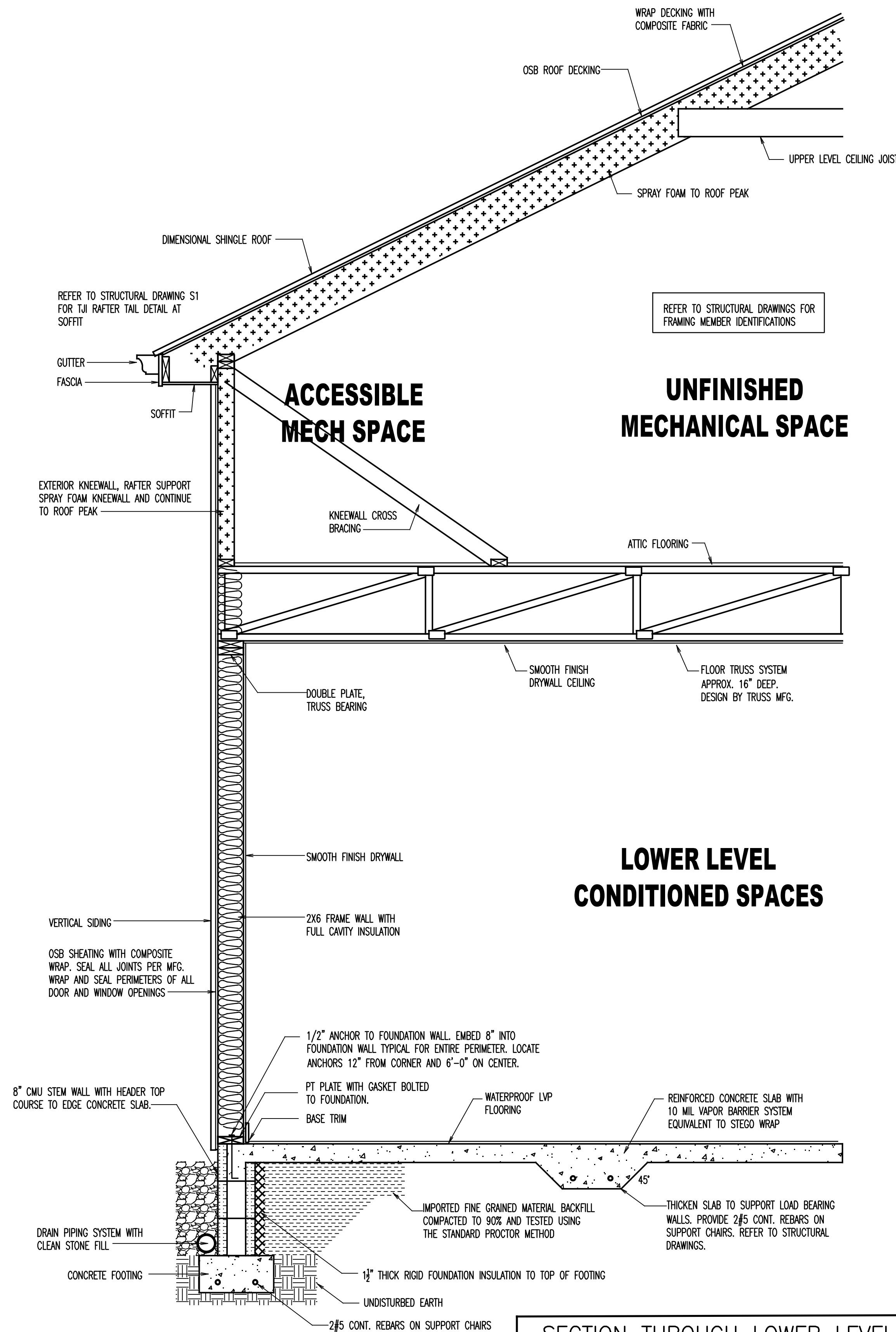
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SECTIONAL DETAILS

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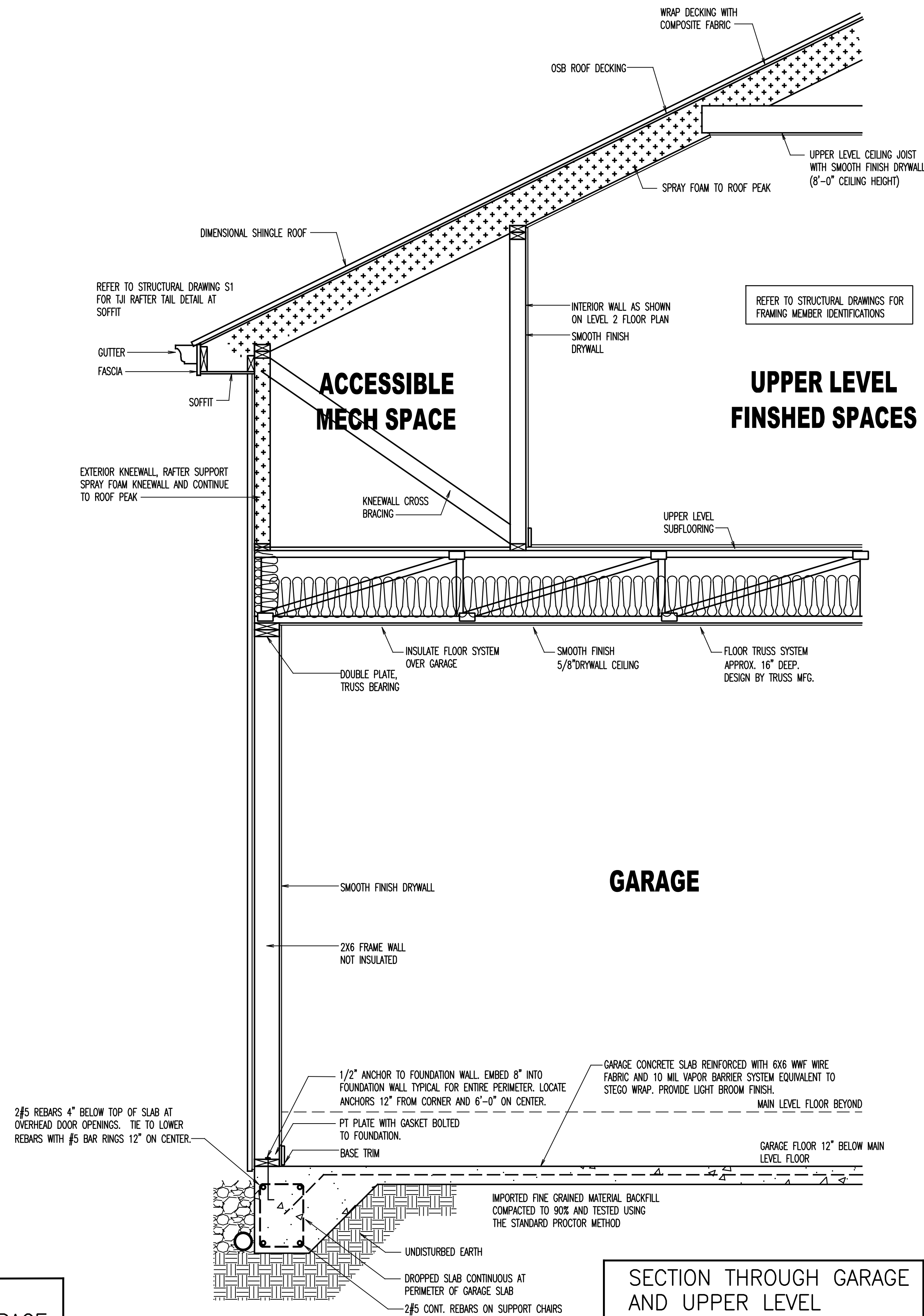
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DRAWING:

A8



SECTION THROUGH LOWER LEVEL
AND UPPER LEVEL MECHANICAL SPACE



SECTION THROUGH GARAGE
AND UPPER LEVEL