



FRONT ENTRANCE VIEW



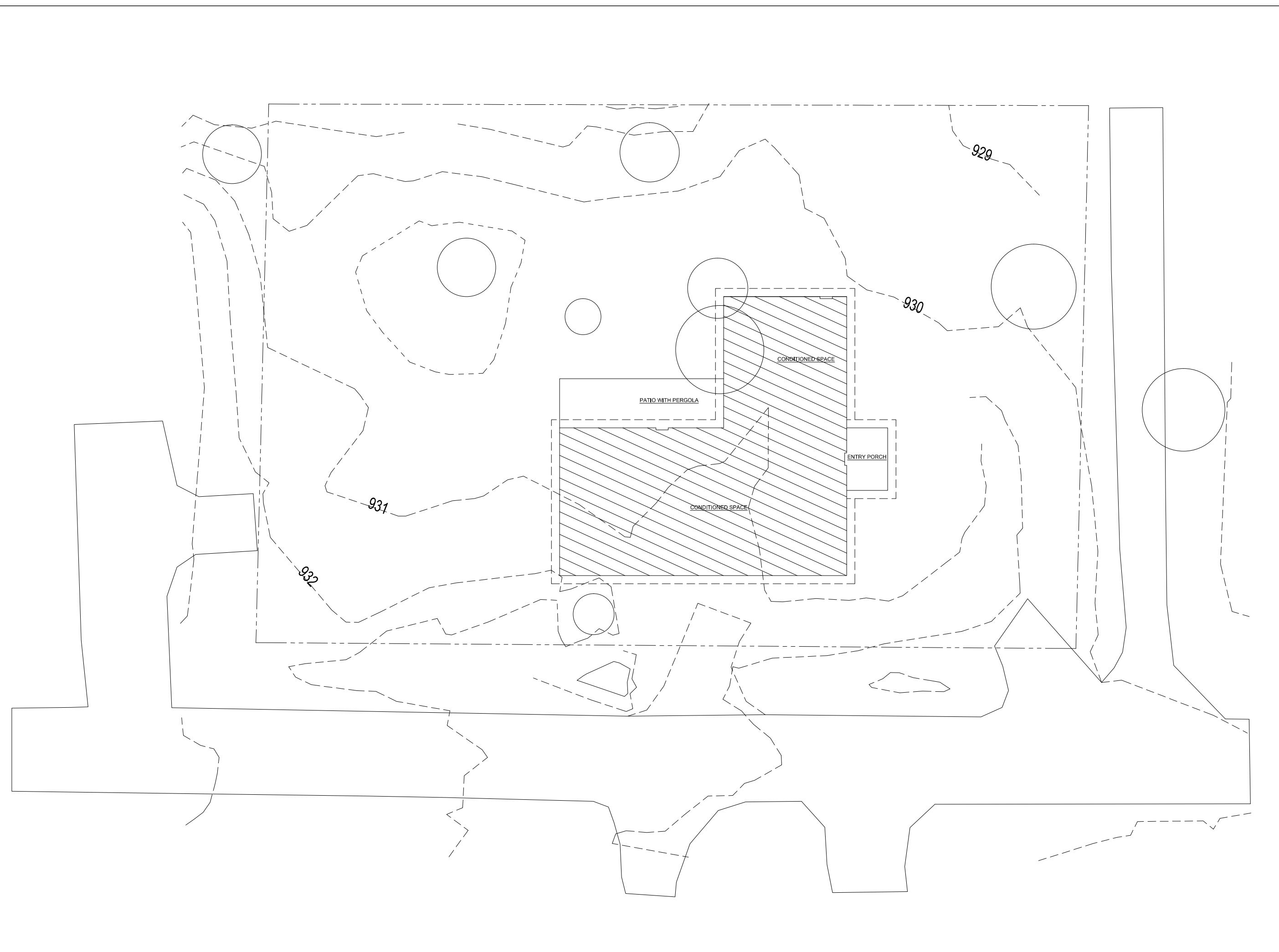
BEAN ROAD VIEW

**JAMES D. SMITH,
ARCHITECT**

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NO.	DESCRIPTION	BY	DATE
1	90% Set	JDS	04/15/21



CODE / DESIGN CRITERIA

	LIVE	DEAD	DEFLECTION
FLOOR LOADING:	40	12	L/480
ROOF LOADING:	30	12	L/240
WIND SPEED:	110 MPH		
SEISMIC ZONE:	C		
CODE USED:	IBC 2018 (w/ STATE ADMENDMENTS)		

- Uniform Floor Live Loads (reduced as allowed by the Building Code):
 - Uninhabitable attics without storage: 10 psf
 - Uninhabitable attics with limited storage: 20 psf
 - Habitable attics and sleeping: 30 psf
 - Rooms other than sleeping rooms: 40 psf
 - Decks & stairs: 40 psf
- Uniform Roof Live Loads:
 - Ground Snow Load, P_g (Per SENH): 80 psf
 - Flat Roof Snow Load, P_f : 38 psf
 - Snow Exposure Coefficient, C_e : = 1.0
 - Importance Factor, I : = 1.0
 - Thermal Factor, C_t : = 1.0
 - Roof Slope Factor: = 1.0
 - Plus Drifting & Unbalanced Snow Loads per ASCE-7
- Dead Loads (in addition to structure self-weight):
 - Roof: Roofing: 5 psf
 - Plywood Sheathing: 3 psf
 - Insulation & Miscellaneous: 7 psf
- Wind Loads:
 - Basic Wind Speed (3 second gust): = 95 mph
 - Importance Factor: = 1.00
 - Exposure B
 - Component & Cladding Design Pressure (10 s.f.): = 20 psf
- Earthquake Loads:
 - Seismic Design Category: B
 - Occupancy Category: II
 - Spectral Response Coefficient, S_{ds} : = 0.308
 - Spectral Response Coefficient, S_{d1} : = 0.118
 - Site Class D (Assumed)
 - Basic Structural System: Bearing Wall System
 - Seismic Resisting System: Light-framed Wood Walls with Shear Panels
 - Response Modification Factor, R : = 6
 - Deflection Amplification Factor, C_d : = 4
 - Analysis Procedure: Equivalent Lateral Force Procedure
- No provisions have been made for future horizontal or vertical expansion.

DRAWING INDEX

SPECS = SPECIFICATIONS SHEETS

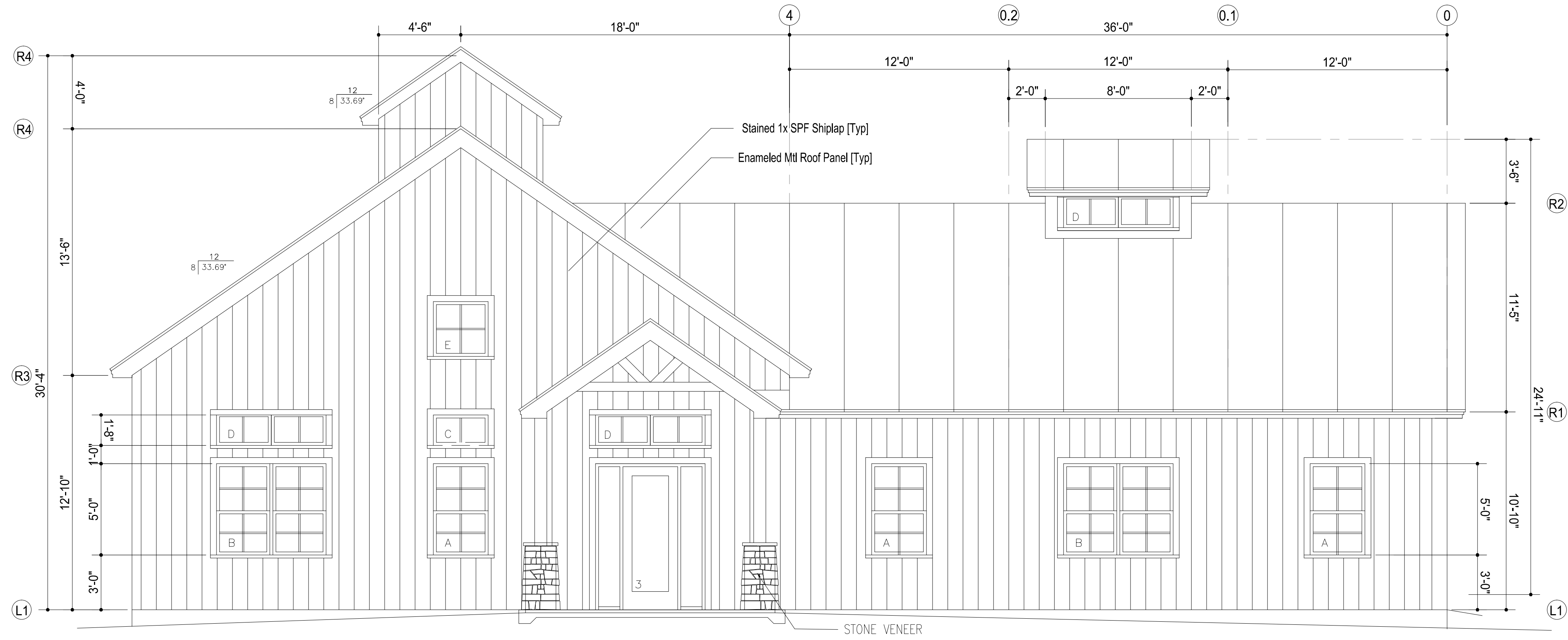
- COVER
- SHEET NUMBERS
 - GENERAL CONSTRUCTION NOTES
 - LIST OF PERSON CONSULTANTS
 - DRAWING INDEX
 - LIST OF ABBREVIATIONS & SYMBOLS
 - BUILDING CODE REVIEW AND CRITERIA
- A = ARCHITECTURAL DRAWINGS**
- A1.1-A1.2 FOUNDATION PLAN AND DETAILS
 - A2.1 FLOOR PLAN AND MECH LOFT PLAN
 - A2.2 FURNITURE PLAN
 - A2.3 WINDOW, DOOR, INT. FINISH SCHEDULES
 - A2.4 ENLARGED PLANS (TOILET / KITCHEN) AND INTERELEVATIONS
 - A3.1-A3.4 BUILDING ELEVATIONS: W/S/E/N
 - A4.0 TYPICAL DETAIL SECTIONS AND ASSEMBLIES
 - A4.1-A4.4 BUILDING SECTIONS
 - A4.5-A4.6 STRUCTURAL DETAILS AND MECH LOFT
 - A4.7 ROOF FRAMING
 - A5.1-A5.4 EXTERIOR WALL FRAMING DIAGRAMS
- P = PLUMBING**
- P1.1 PLUMBING FIXTURE LAYOUT AND ADA REQUIREMENTS

COMMONLY USED ABBREVIATIONS:

@	AT	GALV.	GALVANIZED	SM.	SIMILAR
AC	AIR CONDITIONING	G.C.	GENERAL CONTRACTOR	S.P.	STRUCTURAL
A.F.F.	ABOVE FINISH FLOOR	GWB	GYPSUM WALL BOARD	S.F.	SQUARE FOOT
ALT.	ALTERNATE	HDR.	HEADER	SFS	SURFACE FOUR SIDES
ALUM.	ALUMINUM	HWWD	HARDWOOD	SHT	SHEET
BRG.	BEARING	HT.	HEIGHT	SS	SINGLE SPLINE
C/C	CENTER TO CENTER	INSUL.	INSULATION	STD	STANDARD
CL	CENTERLINE	INT.	INTERIOR	STL	STEEL
CLG.	CEILING	LAM.	LAMINATE	T.O.B.	TOP OF BEAM
C.T.	CERAMIC TILE	L.F.	LINEAL FEET	T.O.D.	TOP OF DECK
CMU	CONCRETE MASONRY UNIT	L.V.L.	LAMINATED VENEER LUMBER	T.O.S.	TOP OF SLAB
CONC.	CONCRETE	MAX.	MAXIMUM	T.O.W.	TOP OF WALL
CONT.	CONTINUOUS	MECH.	MECHANICAL	TYP.	TYPICAL
COL.	COLUMN	M.O.	MASONRY OPENING	U.N.O.	UNLESS NOTED OTHERWISE
DBL.	DOUBLE	N.I.C.	NOT IN CONTRACT	U.O.S.	UNLESS OTHERWISE SPECIFIED
DN.	DOWN	N.T.S.	NOT TO SCALE	V.I.F.	VERIFY IN FIELD
DNV.	DRIP WASHER	NOM.	NOMINAL	W/W	WEIGHT
DRG.	DRAWING	N.R.O.	NORTHERN RED OAK	W/L	WATER HEATER
DS.	DOUBLE SPLINE	O.C.	ON CENTER	W.I.C.	WALK IN CLOSET
EA.	EACH	OSB	ORIENTED STRAND BOARD	W/W	WELDED WIRE FABRIC
E.I.F.S.	EXTERIOR INSULATING FINISH SYSTEM	P	PLATE	WT.	WEIGHT
ELEC.	ELECTRICAL	PSF	POUNDS PER SQUARE FOOT	W/	WITH
ELEV.	ELEVATION	P/LF	POUNDS PER LINEAL FOOT	W/O	WITHOUT
EQ.	EQUAL	P.T.	PRESSURE TREATED		
EPS	EXPANDED POLYSTYRENE	PBL	PARALLEL STRAND LUMBER		
FLR.	FLOOR	REIN.	REINFORCEMENT		
FN	FOUNDATION	REQ.	REQUIRED		
FR	FULL ROUT	R.O.	ROUGH OPENING		

JOB LOCATION:
New Building for the Meriden Library
22 Bean Road Meriden, New Hampshire
MERIDEN LIBRARY

SHEET
SPECS-1
FILE#: JDS-Geo1
DATE: 04/15/21
PROJ. MGR. JDS
C.M. Geobarns LLC



WEST ELEVATION

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

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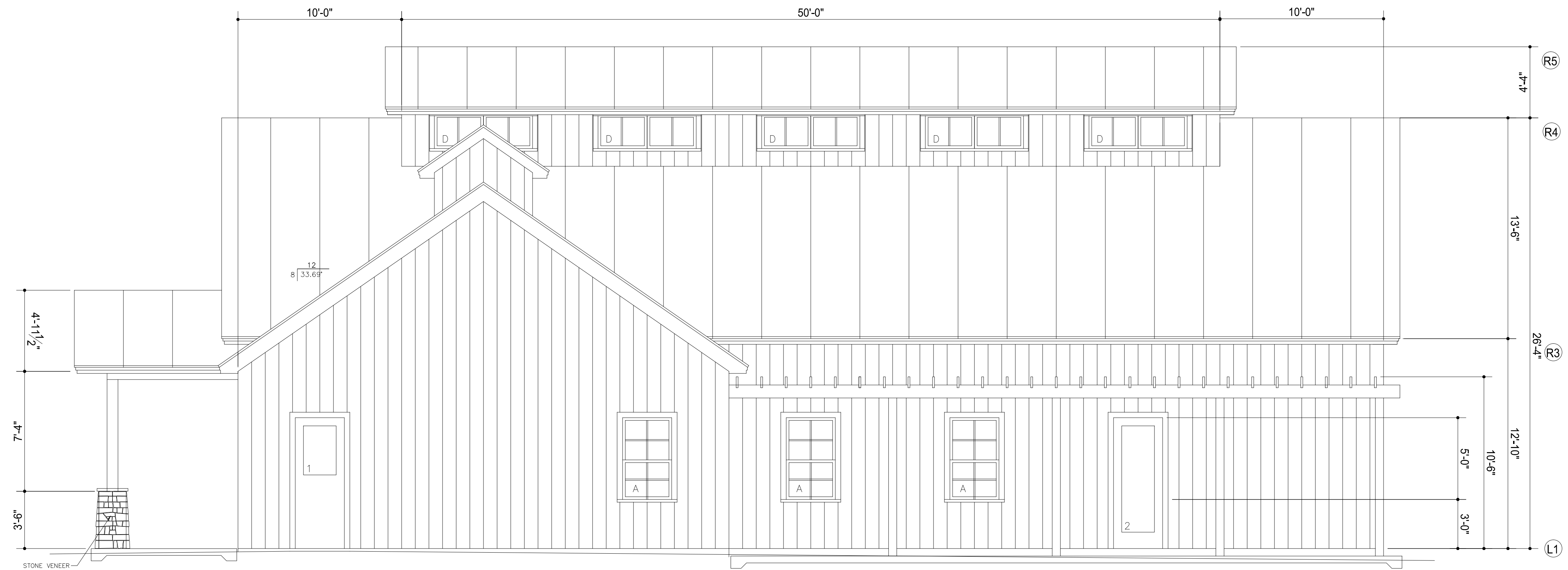
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A3.1

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

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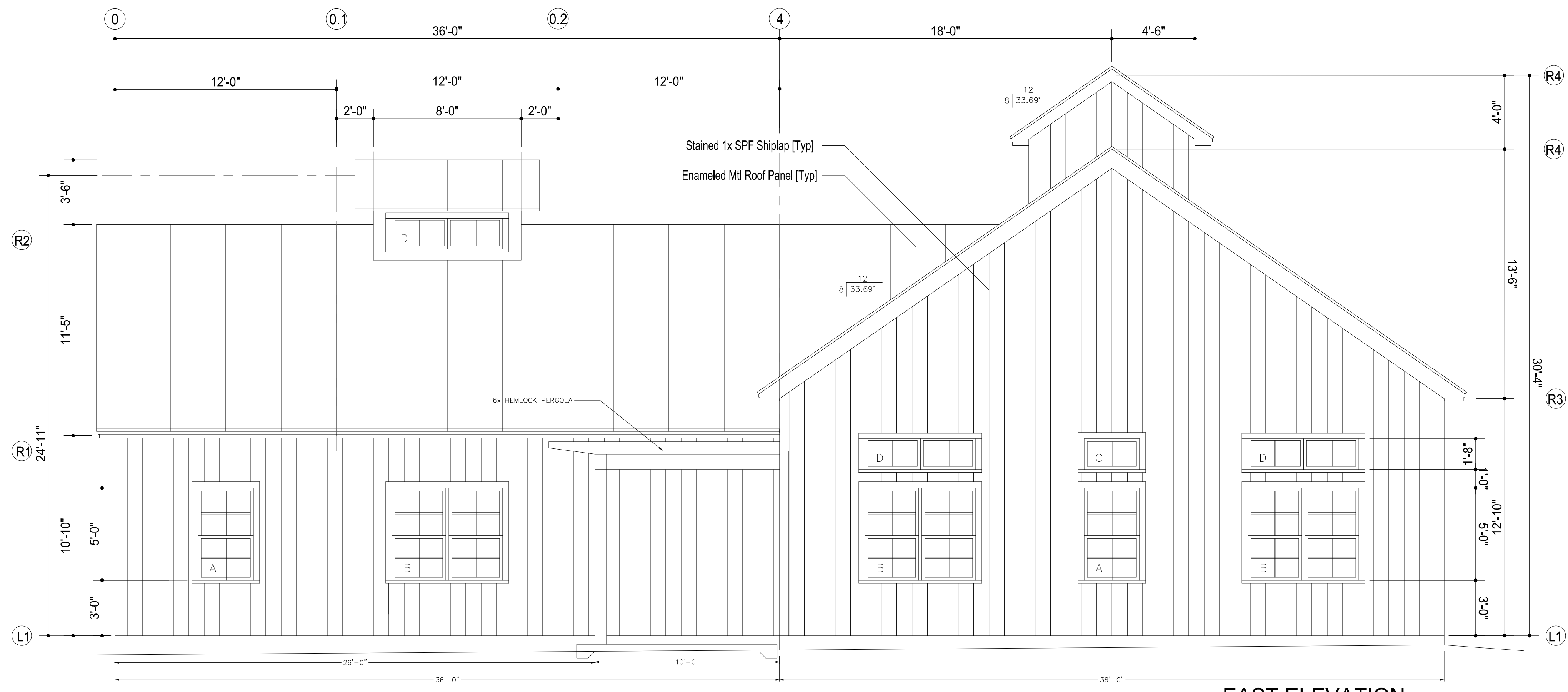
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EAST ELEVATION
SCALE: 1/4" = 1'-0"

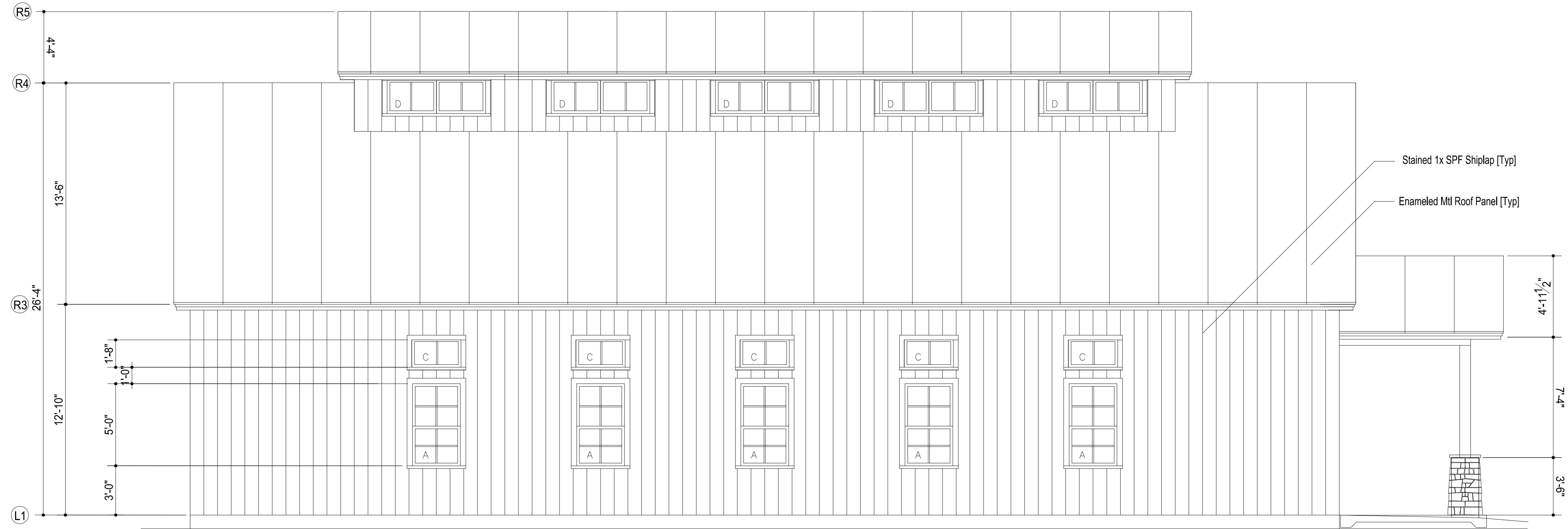
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NORTH ELEVATION
SCALE: 1/4" = 1'-0"

Stained 1x SPF Shiplap [Typ]
Enameled Mtl Roof Panel [Typ]

REVISIONS			
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