



Company: CUSTOM DESIGN BUILDERS
 Builder: Ben Woody
 Phone: (719) 488-9600
 Email: ben@customdesignbuilders.net

ROCKWELL RESIDENCE
 5675 Blue Bell Lane
 Colorado Springs, CO 80908

PROJECT INFORMATION

DESIGNER INFO:
 J.P. Design, LLC
 Jason Pederson, AIBD
 jason@jpdesignhomes.com

DATE: 4-11-2024
 SCALE: 1/4" = 1'-0"
 STATUS: Construction



ROCKWELL HOME

5675 Blue Bell Lane, Colorado Springs CO 80908

Separation between the two floors (potential ALQ) are to be cased openings and not doors
 Per JK



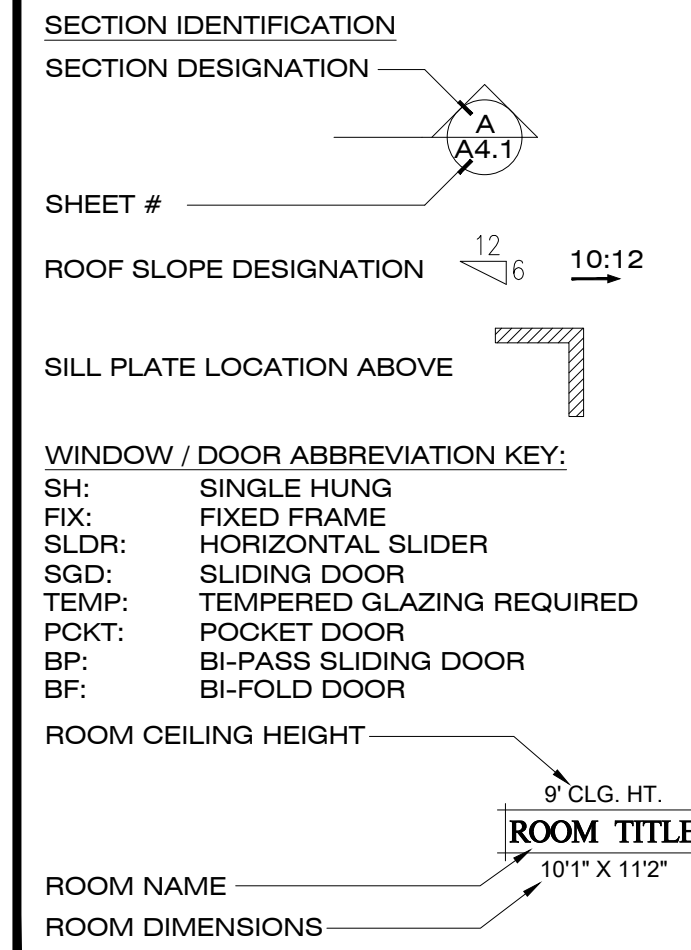
GENERAL CONSTRUCTION NOTES

- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED BY REGULATORY AUTHORITIES.
- ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES, LAWS, AND ORDINANCES APPLICABLE TO THIS PROJECT.
- THE CONTRACTOR SHALL VERIFY ALL SETBACKS, EASEMENTS, UTILITIES, AND MEASUREMENTS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, THE EXACT LOCATION OF UTILITY TAPS, THE CONNECTION OF UTILITY LINES FROM THE BUILDING TO SERVICE LINES, AND ALL FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL WORK DONE OUTSIDE THE PROPERTY LINES SHALL BE DONE IN ACCORDANCE WITH THE REGULATORY AUTHORITIES.
- ALL MECHANICAL, ELECTRICAL AND PLUMBING ENGINEERING REQUIRED FOR THIS PROJECTS BY OTHERS.
- FOUNDATION DESIGN TO BE COMPLETED ON SITE INSPECTION OF SOILS BY A STATE REGISTERED ENGINEER. DESIGN TO BE ON HAND AT TIME OF FIRST INSPECTION. ALL STRUCTURAL ENGINEERING DESIGN SHALL BE COORDINATED BY A PROFESSIONAL ENGINEER.
- CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM SITE AS REQUIRED.
- ALL INTERIOR FINISHES SUCH AS CARPET, PAINT, TILE, HARDWOOD, ETC. SHALL BE SELECTED BY THE CONTRACTOR WITH THE CONTRACTOR COORDINATING ALL SELECTIONS.
- ALL CABINETS, BUILT-INS, SHELVING, ETC. SHALL BE COORDINATED BY THE CONTRACTOR.
- ALL FIRE PROTECTION, LIGHTING PROTECTION, SECURITY SYSTEMS, AND HOME MANAGEMENT SYSTEMS AND ENGINEERING REQUIRED FOR THESE SYSTEMS IS BY THE CONTRACTOR AND SHALL BE COORDINATED BY THE CONTRACTOR.
- ALL DOORS, INTERIOR AND EXTERIOR, AND HARDWARE SHALL BE AS SELECTED BY AND COORDINATED BY THE CONTRACTOR.
- BUILDER TO COORDINATE INSULATION OF RESIDENCE PER LOCAL CODES, TYPICAL.
- IT IS IMPERATIVE THAT THE CONTRACTOR OBSERVE MANUFACTURERS INSTRUCTIONS AND PROCEDURES IN INSTALLING ALL MATERIAL AND EQUIPMENT. ALL INSTRUCTIONS AND WARRANTIES OF ALL MATERIALS AND EQUIPMENT TO BE DELIVERED TO THE BUILDER PRIOR TO CONSTRUCTION.
- IT IS RECOGNIZED THAT THE CONTRACT DOCUMENTS ARE DIAGRAMMATIC IN SHOWING CERTAIN PHYSICAL RELATIONSHIPS OF THE VARIOUS ELEMENTS AND SYSTEMS AND THEIR INTERFACING WITH OTHER ELEMENTS AND SYSTEMS. ESTABLISHMENTS AND COORDINATION OF THESE RELATIONSHIP IS THE EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR. DO NOT SCALE THE DRAWINGS. LAYOUT AND ARRANGE ALL ELEMENTS TO CARRY THE HARMONY OF THE DESIGN THROUGHOUT THE WORK.
- DESIGNER NOT RESPONSIBLE FOR ANY CHANGES MADE TO THIS PLAN DURING CONSTRUCTION BY OWNER, CONTRACTOR OR SUBCONTRACTORS.
- THE BUILDER IS RESPONSIBLE FOR ALL CONSTRUCTION METHODS, TYPICAL.

ABBREVIATION LEGEND

ABV.	ABOVE ANCHOR BOLT	INSUL.	INSULATION INTERIOR
A.B.	AIR CONDITIONING	INT.	INTERIOR
A.C.	ABOVE FINISH FLOOR ANGLE	MANUF. MAT.	MANUFACTURED MATERIAL
A.F.F.	ANGLE	MTL.	METAL
BD.	BOARD BLOCKING	N.I.C.	NOT IN CONTRACT
BLK.G.	BEAM	N.T.S.	NOT TO SCALE
BM.	BOTTOM OF FOOTING	O.	OVER
B.O.F.		O.C.	ON CENTER
C.J.	CONTROL JOINT CENTER LINE	O.H.	OVERHEAD
CLG.	CEILING	P.	PLATE
CLR.	CLEAR	P. LAM.	PLASTIC LAMINATE
CMU.	CONCRETE MASONRY UNIT	PLYWD.	PLYWOOD
COL.	COLUMN	PR.	PAIR
CONC.	CONCRETE	P.T.	PRESSURE TREATED
CONT.	CONTINUOUS	R	RISER
OPT.	CARPET CASEMENT	R REFR.	REFRIGERATOR
CSMT.		REQD.	REQUIRED
d	PENNY DOUBLE DIMENSION	R.O.	ROUGH OPENING
DBL.	DOUBLE DIMENSION	S.C.	SOLID CORE SHEATHING
DN.	DOWN	SHIM.	SIMILAR
DS.	DOWNSPOUT	S.S.	STAINLESS STEEL
D.W.	DISHWASHER DRAWINGS	STL.	STEEL STRUCTURAL
DWGS.		T.	TREAD
EA.	EACH	TEMP.	TEMPERED
E.F.	EXHAUST FAN ELEVATION	TH.	THICK
ELEV.	EXISTING	T.O.C.	TOP OF CURB
EXISTG.	EXISTING	T.O.M.	TOP OF MASONRY
EXT.	EXTERIOR	T.O.P.	TOP OF PARAPET
F.D.	FLOOR DRAIN	T.O.S.	TOP OF SLAB
F.F.	FINISH FLOOR	T.O.W.	TOP OF WALL
FIN.	FINISH	TYP.	TYPICAL
FLR.	FLOOR	UNFIN.	UNFINISHED
F.O.F.	FACE OF FOAM	UN.O.	UNLESS NOTED OTHERWISE
F.O.M.	FACE OF MASONRY	VAR.	VARIABLE
F.O.S.	FACE OF STUD	V.T.R.	VARIES VENT THRU ROOF
FTG.	FOOTING	W.	WOOD
F.V.	FIELD VERIFY	WO	WITHOUT
GALV.	GALVANIZED	W.I.	WROUGHT IRON
G.I.	GALVANIZED IRON	W.P.	WEATHERPROOF
GYP. BD.	GYP. BOARD		
HT.	HEIGHT		
HDR.	HEADER		

SYMBOL LEGEND



PROJECT DIRECTORY

BUILDER:	Custom Design Builders Ben Woody ben@customdesignbuilders.net (719)488-9600
ARCHITECTURAL:	J.P. DESIGN - Forever Homes Jason Pederson, AIBD jason@jpdesignhomes.com
STRUCTURAL:	MIBAR Engineering 6825 Silver Ponds Heights #101 Colorado Springs, CO 80908 719.487.0812

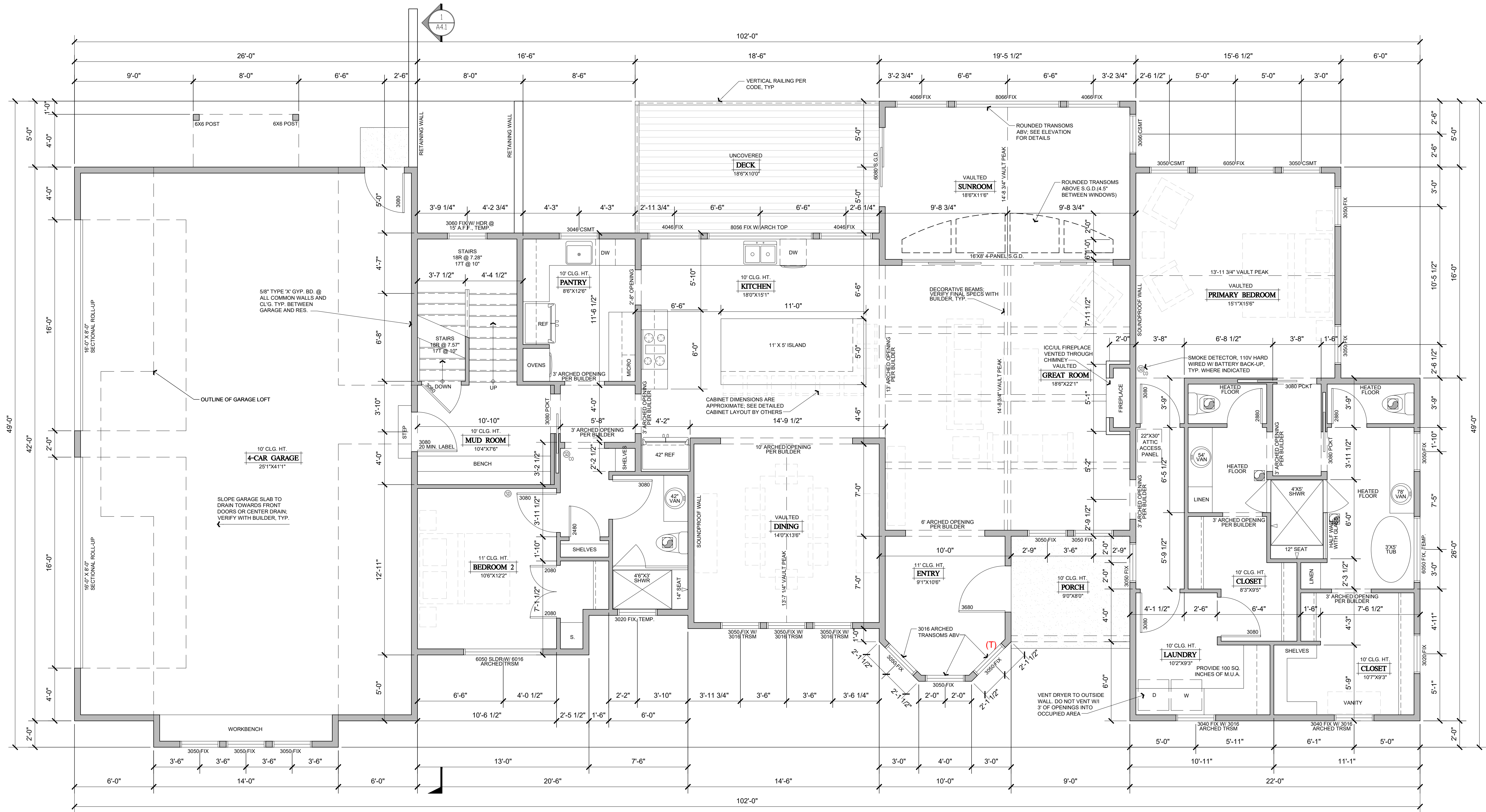
PROJECT DATA

BUILDING TYPE:	V-B
BUILDING OCCUPANCY:	R-3
BUILDING HEIGHT ABOVE TOP OF FOUNDATION:	29'-7"
MAIN LEVEL TOTAL	2,627 S.F.
UPPER LEVEL AREA	784 S.F.
LOWER LEVEL AREA	2,435 S.F.
UPPER DECK	32 S.F.
FRONT PORCH	72 S.F.
REAR DECK	185 S.F.
GARAGE TOTAL	1,120 S.F.

SHEET INDEX

SHEET NO.	DESCRIPTION
A1.0	COVER SHEET / PROJECT INFORMATION
A1.1	MAIN LEVEL FLOOR PLAN
A1.2	LOWER LEVEL FLOOR PLAN
A1.3	UPPER LEVEL FLOOR PLAN
A2.1	FRONT AND REAR ELEVATIONS
A2.2	LEFT AND RIGHT ELEVATIONS
A3.1	ROOF PLAN
A4.1	BUILDING SECTION
ELECTRICAL	
SHEET NO.	DESCRIPTION
E1.1	SCHEMATIC MAIN FLOOR ELECTRICAL
E1.2	SCHEMATIC LOWER FLOOR ELECTRICAL
E1.3	SCHEMATIC UPPER FLOOR ELECTRICAL
PLUMBING	
SHEET NO.	DESCRIPTION
P1.1	SCHEMATIC MAIN FLOOR PLUMBING
P1.2	SCHEMATIC LOWER FLOOR PLUMBING
P1.3	SCHEMATIC UPPER FLOOR PLUMBING
STRUCTURAL	
SHEET NO.	DESCRIPTION
S1.1	MAIN FLOOR FRAMING PLAN
S1.2	UPPER FLOOR FRAMING PLAN
S1.3	ROOF FRAMING PLAN

PROJECT INFORMATION



GENERAL FLOOR PLAN NOTES

- ALL NEW EXTERIOR WALLS TO BE 2X6 STUDS AT 16" O.C. WITH DOUBLE TOP PLATE AND SINGLE BOTTOM PLATE, U.O.N. WITH INSULATION, VAPOR BARRIER, AND SHEATHING PER CODE, TYPICAL.
- ALL INTERIOR WALLS TO BE 2X4 STUDS U.O.N.
- WINDOWS SHOWN SHALL BE PER OWNER SELECTION.
- CEILING HEIGHT MAY VARY DUE TO STRUCTURAL ISSUES.
- ALL WINDOWS AND DOORS TO BE CENTERED IN ROOM U.N.O.
- ALL WINDOW HEADER HEIGHTS SHALL BE 8'-0" U.N.O.
- OWNER TO SELECT ALL FINISHES FOR FLOORS, WALLS, CEILINGS, DOORS, TRIM, CABINETS, TOPS, ELEC & PLUMBING FIXTURES, ETC. AS REQUIRED, WITH THE BUILDER TO COORDINATE.

GENERAL FLOOR PLAN NOTES (CONTINUED)

- STRUCTURAL FLOOR AND ROOF SYSTEMS PER OWNER, BUILDER AND ENGINEER, TYPICAL.
- GARAGE FINISH REQUIREMENTS: INSULATE PER CODE AND APPLY 5/8" FIRECODE TYPE "X" GYPSUM BOARD TO ALL WALLS ADJACENT TO LIVABLE SPACE. INSULATE GARAGE CEILINGS PER CODE AND APPLY 5/8" FIRECODE TYPE "X" GYPSUM BOARD WHERE LIVABLE SPACE OCCURS ABOVE THE GARAGE. WRAP ALL STRUCTURAL AND MECHANICAL COMPONENTS IN GARAGES TO CREATE CONTINUOUS FIRE RATED ASSEMBLY. PROVIDE SOLID CORE DOOR (MINIMUM 20 MINUTE RATING) WITH SPRING LOADED SELF CLOSING HINGES WITH TIGHT FITTING WEATHER-STRIPPING AT HOUSE TO GARAGE DOOR OPENING.
- STAIRWAYS ARE TO CONFORM TO SECTION R311.5 OF THE IRC. TOP OF STAIR HANDRAILS TO BE MINIMUM 34" TO A MAXIMUM OF 38" ABOVE THE STAIR NOSING AND SHOULD BE CONTINUOUS THE FULL LENGTH OF THE STAIR RUN. HANDRAILS TO BE A MINIMUM OF 1-1/2" TO A MAXIMUM OF 2" IN DIAMETER SPACED 1-1/2" FROM THE WALL TERMINATING IN NEVEL POSTS OR RETURN TO WALL. MINIMUM HEADROOM CLEARANCE MEASURED ABOVE THE STAIR NOSING IS 6'-8". ALL GUARDRAILS TO BE MINIMUM 36" ABOVE THE FINISHED FLOOR OR STAIR NOSING. OPEN RAILINGS TO HAVE A MAXIMUM CLEAR OPENING OF 4" BETWEEN SPINDLES. RISERS NOT TO EXCEED 7-3/4" IN HEIGHT AND TREADS TO BE A MINIMUM OF 10".
- ALL WORK TO COMPLY WITH LOCAL CODES AND ORDINANCES, TYPICAL.

MAIN FLOOR PLAN

SCALE: 1/4" = 1'-0"
 MAIN FLOOR AREA: 2,627 S.F.
 GARAGE AREA: 1,120 S.F.
 FRONT PORCH AREA: 72 S.F.
 REAR DECK AREA: 185 S.F.

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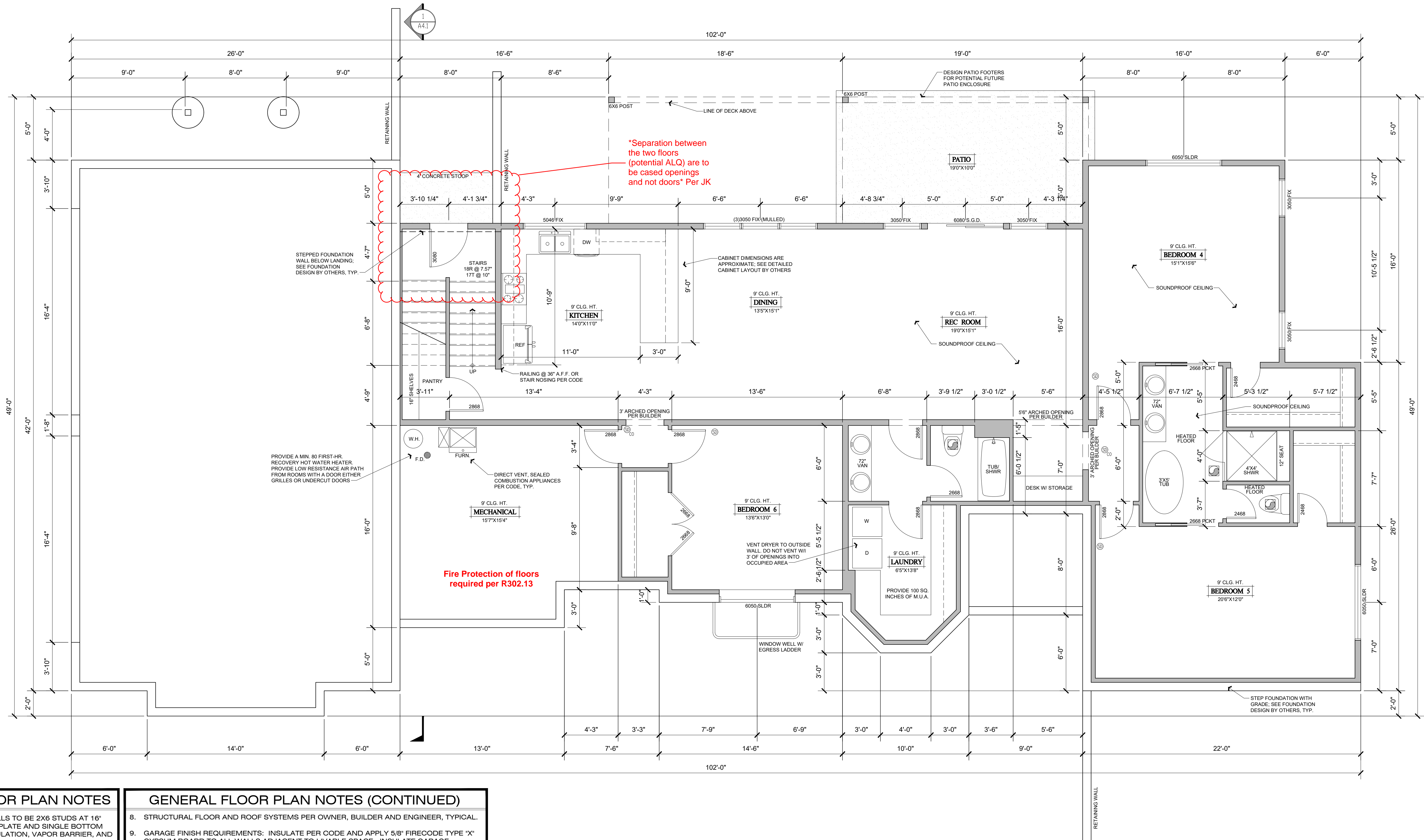
PROJECT INFORMATION:
ROCKWELL RESIDENCE
 5675 Blue Bell Lane
 Colorado Springs, CO 80908

SHEET TITLE:
MAIN FLOOR PLAN

DESIGNER INFO:
 JP Design, LLC
 Jason Pederson, AIA
 jason@jpedesign.com

DATE: 4-11-2024
SCALE: 1/4" = 1'-0"
STATUS: Construction
SHEET: A 1.1





GENERAL FLOOR PLAN NOTES

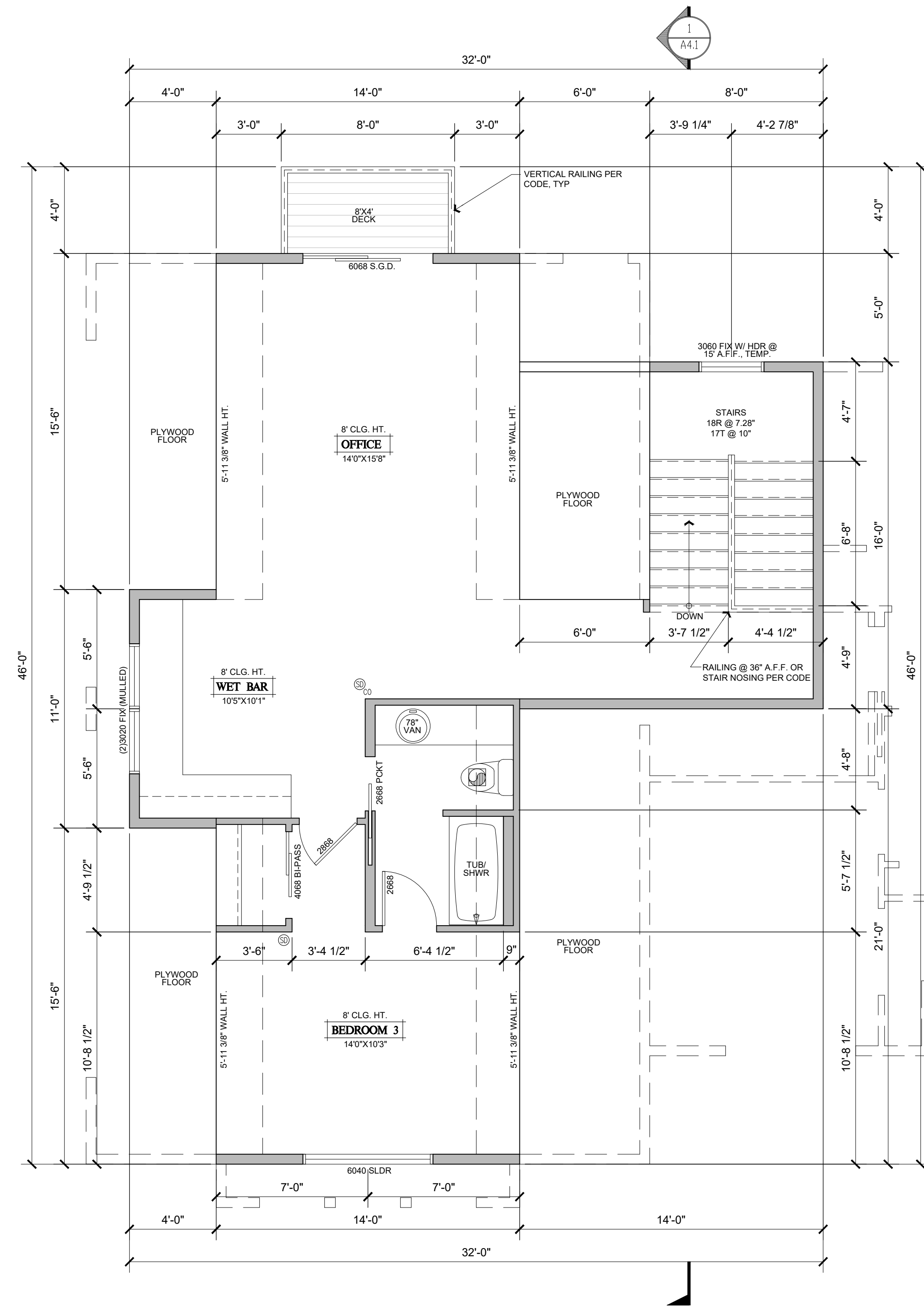
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GENERAL FLOOR PLAN NOTES (CONTINUED)

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- ALL WORK TO COMPLY WITH LOCAL CODES AND ORDINANCES, TYPICAL.

BASEMENT FLOOR PLAN

SCALE: 1/4" = 1'-0" FINISHED LOWER LEVEL: 2093 S.F.
UNFINISHED LOWER LEVEL: 342 S.F.



- GENERAL FLOOR PLAN NOTES**
- ALL NEW EXTERIOR WALLS TO BE 2X6 STUDS AT 16" O.C. WITH DOUBLE TOP PLATE AND SINGLE BOTTOM PLATE, U.O.N. WITH INSULATION, VAPOR BARRIER, AND SHEATHING PER CODE, TYPICAL.
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- GENERAL FLOOR PLAN NOTES (CONTINUED)**
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 - ALL WORK TO COMPLY WITH LOCAL CODES AND ORDINANCES, TYPICAL.

LOFT FLOOR PLAN

SCALE: 1/4" = 1'-0" LOFT FLOOR AREA: 784 S.F.
LOFT DECK AREA: 32 S.F.



SHEET TITLE: UPPER FLOOR PLAN

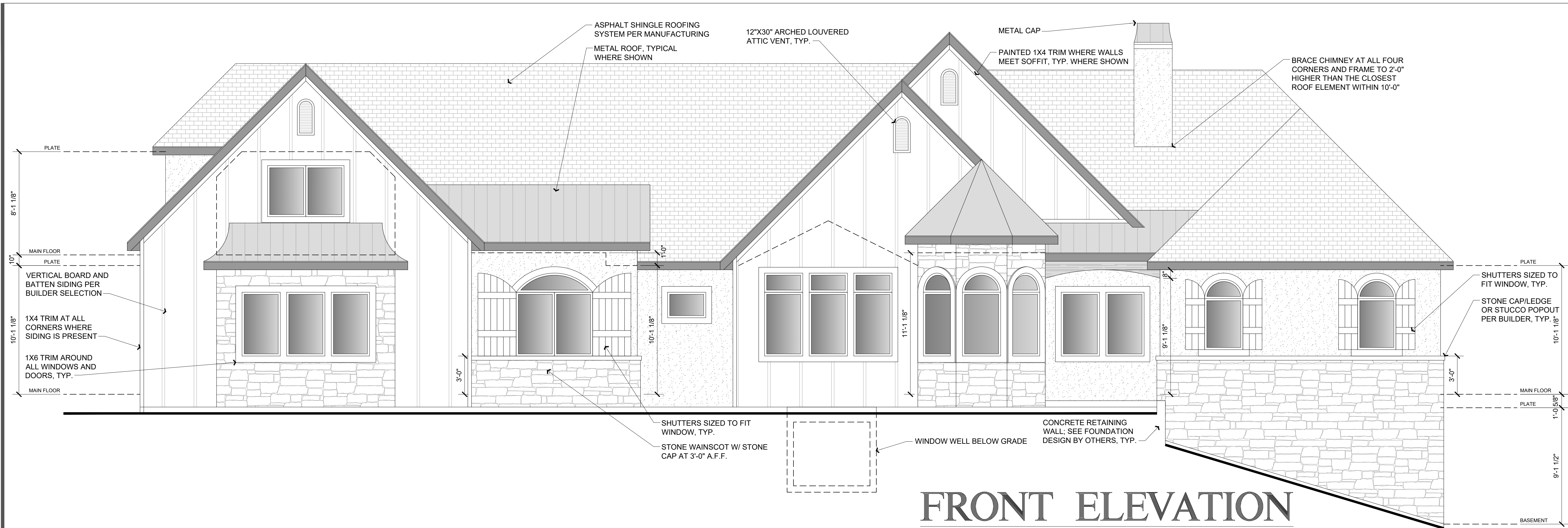
DESIGNER INFO: JP Design, LLC
Jason Pederson, AIBD
jason@jpedesignhomes.com

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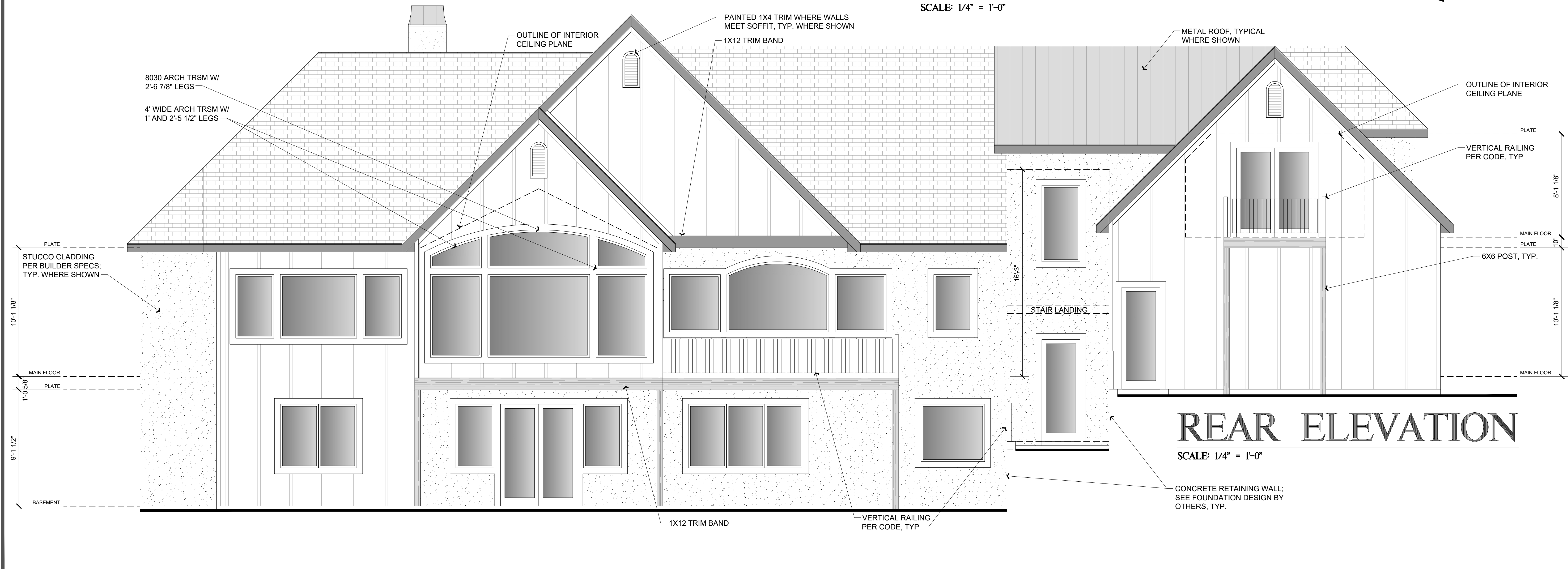
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Builder: Ben Woody
Phone: (719) 488-9600
Email: ben@customdesignbuilders.net

PROJECT INFORMATION: ROCKWELL RESIDENCE
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FRONT ELEVATION

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



REAR ELEVATION

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

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SHEET TITLE:

FRONT AND REAR BUILDING ELEVATIONS

DESIGNER INFO:

JP Design, LLC
 Jason Pederson, AIBD
 jason@jpedesignhomes.com



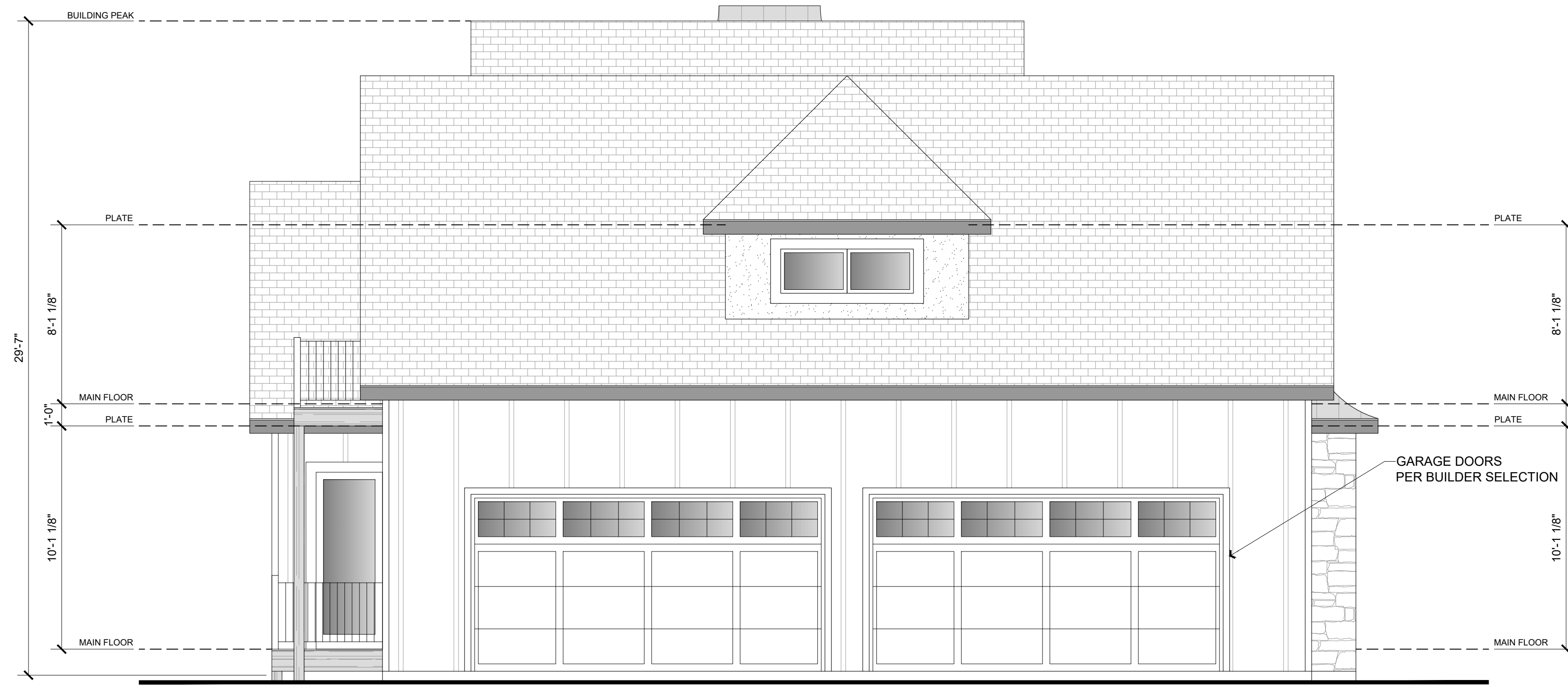
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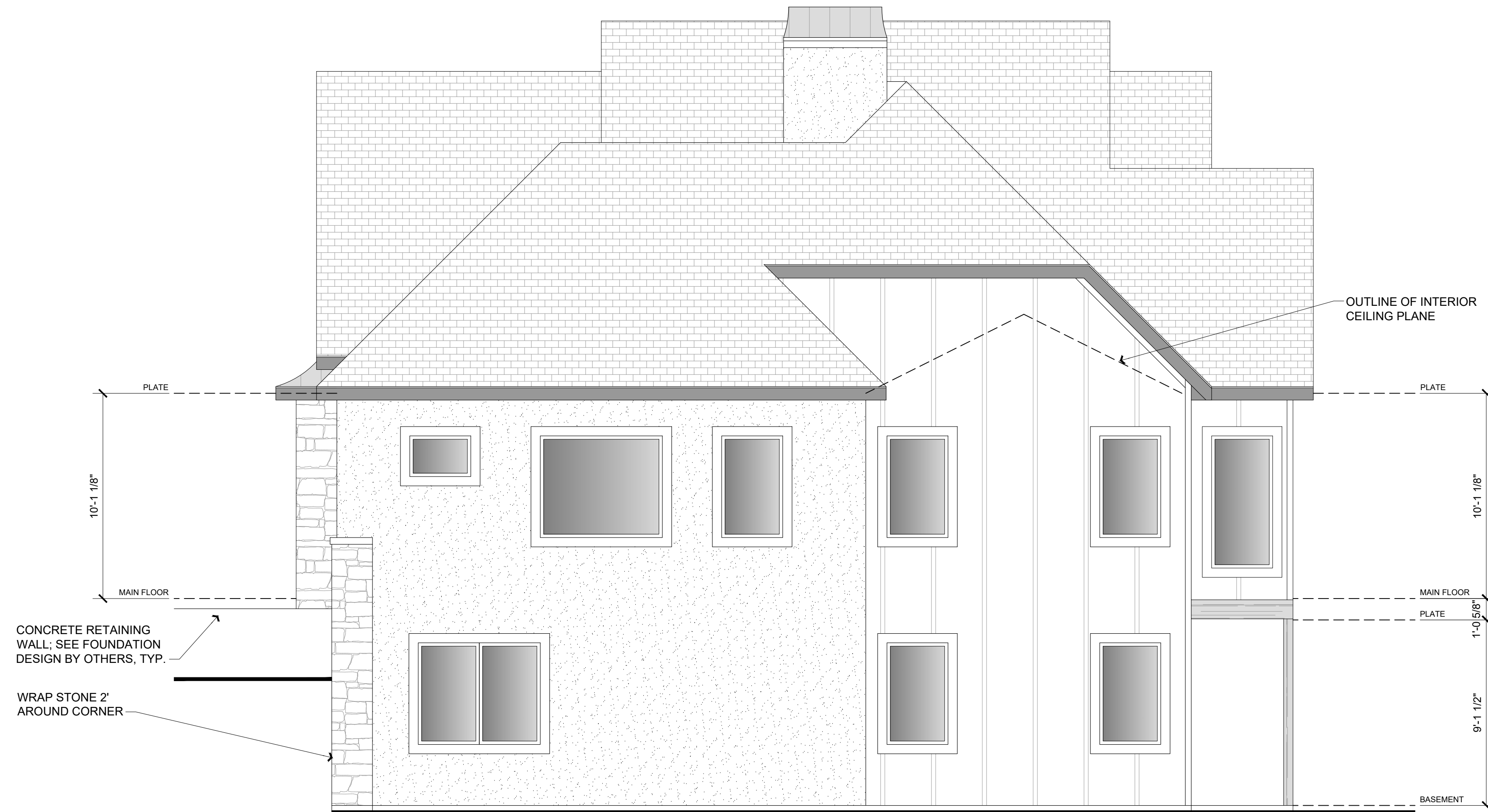
GENERAL ELEVATION NOTES

- BUILDER TO VENT ALL ROOFS PER CODE.
- PROVIDE ALL FLASHING AS REQUIRED FOR WEATHER TIGHT CONSTRUCTION. INSTALL AND DETAIL PER SMACNA STANDARDS.
- SLOPE GRADE AWAY FROM FOUNDATION PER SOILS REPORT. SOILS REPORT SHALL GOVERN FOUNDATION DRAINAGE AND SLABS.
- INSTALL ALL MATERIALS PER MANUFACTURERS SPECIFICATIONS AND PER CODES, BUILDER TO COORDINATE.
- WINDOW ROUGH OPENINGS TO BE VERIFIED WITH WINDOW SUPPLIER AND BUILDER TO COORDINATE.
- BUILDER TO COORDINATE ALL EXTERIOR LIGHTING.
- PROVIDE TEMPERED GLASS AT ALL SIDELIGHTS, EXTERIOR DOORS HAVING GLAZING AND WINDOWS AS REQUIRED BY LOCAL CODES, TYPICAL, BUILDER TO COORDINATE.
- BUILDER TO PROVIDE AND INSTALL GUTTERS AND DOWNSPOUTS AS REQUIRED. PAINT TO MATCH ADJACENT SURFACES, BUILDER TO COORDINATE.



LEFT ELEVATION

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



RIGHT ELEVATION

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



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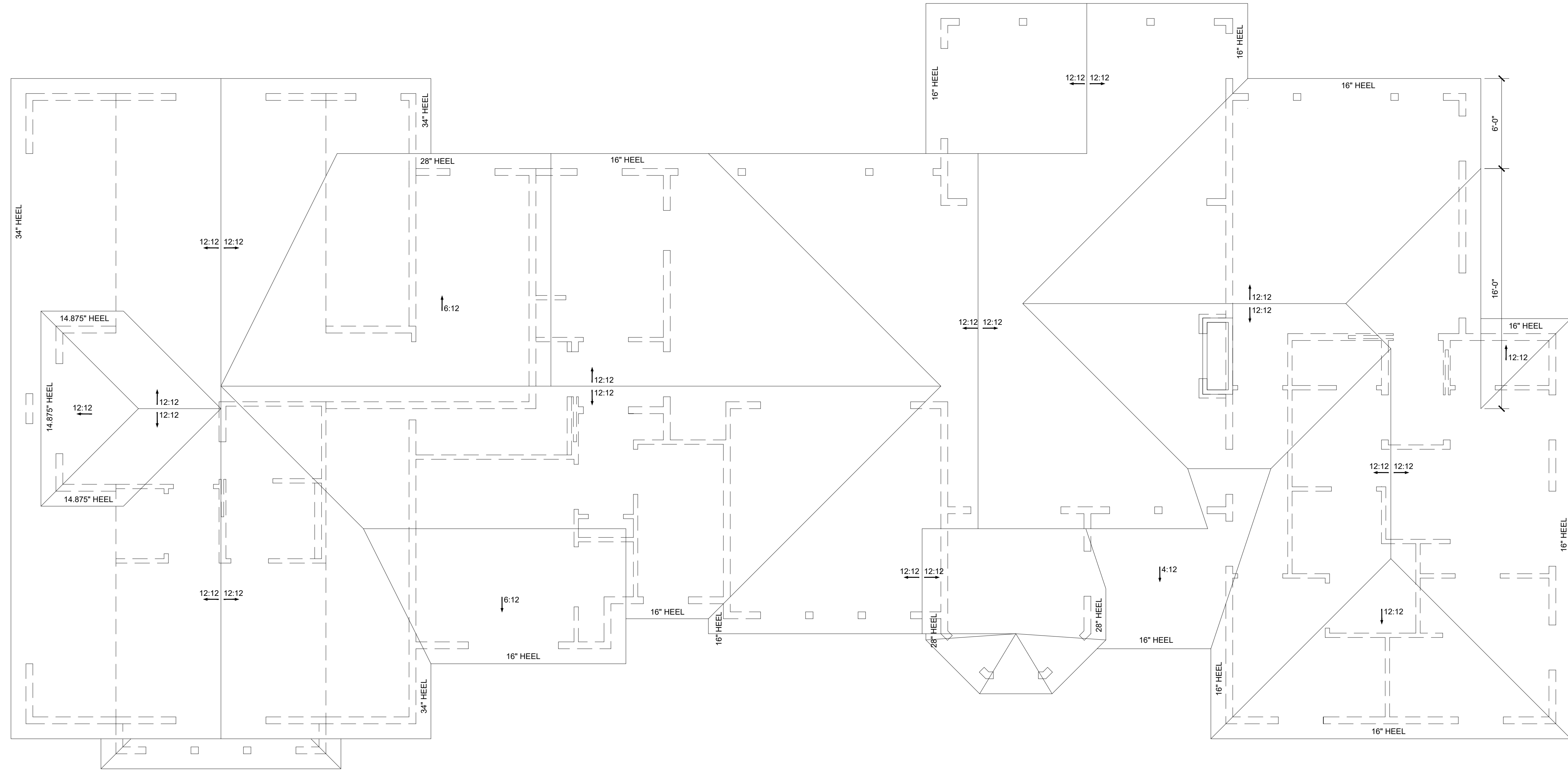
SHEET TITLE:
LEFT AND RIGHT BUILDING ELEVATIONS

DESIGNER INFO:
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 jason@jpedesignhomes.com

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STATUS: Construction

SHEET:





GENERAL ROOF PLAN NOTES

1. ROOF COVERING SHALL BE LOCALLY APPROVED MATERIAL ON FELTS (BUILDER TO VERIFY FELT WT. WITH MANUFACTURER) ON EXTERIOR GRADE ROOF SHEATHING PER CODE.
2. BUILDER TO VENT ALL ROOFS PER LOCAL CODES.
3. PROVIDE ALL FLASHING PER SMACNA STANDARDS AS REQUIRED. BUILDER TO COORDINATE.
4. AS MUCH AS POSSIBLE, ALL ROOF PENETRATIONS SUCH AS FLUES, PLUMBING VENTS, ROOF VENTS, ETC. SHALL OCCUR ON THE BACKSIDE OF ALL RIDGES AWAY FROM STREET VIEW.
5. PAINT ALL VENTS, FLUES, ETC. TO MATCH ROOF COVERING, TYPICAL.
6. BUILDER TO PROVIDE AND INSTALL GUTTERS AND DOWNSPOUTS AS REQUIRED. PAINT TO MATCH ADJACENT SURFACES, BUILDER TO COORDINATE.
7. ROOFING VARIES PER SITE. BUILDER TO COORDINATE ROOFING MATERIAL AND FELT WT. PROVIDE ICE & WATER SHIELD UNDERLAYMENT AT LOCATIONS ABOVE 7000 FT. ELEVATION - CONTINUOUS FROM EDGE OF ROOF / EAVE TO A POINT 2'-0" INSIDE EXTERIOR WALL LINE.

ROOF VENTING CALCULATION

ROOF AREA = 3747 S.F.
 1:300 = 12.49 S.F. x 144 SQ.IN. = 1798.56 SQ.IN. REQUIRED
 EAVE VENTING: 50% = CONTINUOUS
 ROOF VENTING: 50% = 900 SQ.IN. REQUIRED
 ROOF VENTING: >50% = 901 SQ.IN. PROVIDED
 RV-53 ROOF VENTS = 53 SQ.IN. EACH
 17 RV-53 REQUIRED IN UPPER 50% OF ROOF

ROOF PLAN

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

Released for Permit
 05/17/2024 3:55:57 PM



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SHEET TITLE:

ROOF PLAN

DESIGNER INFO:

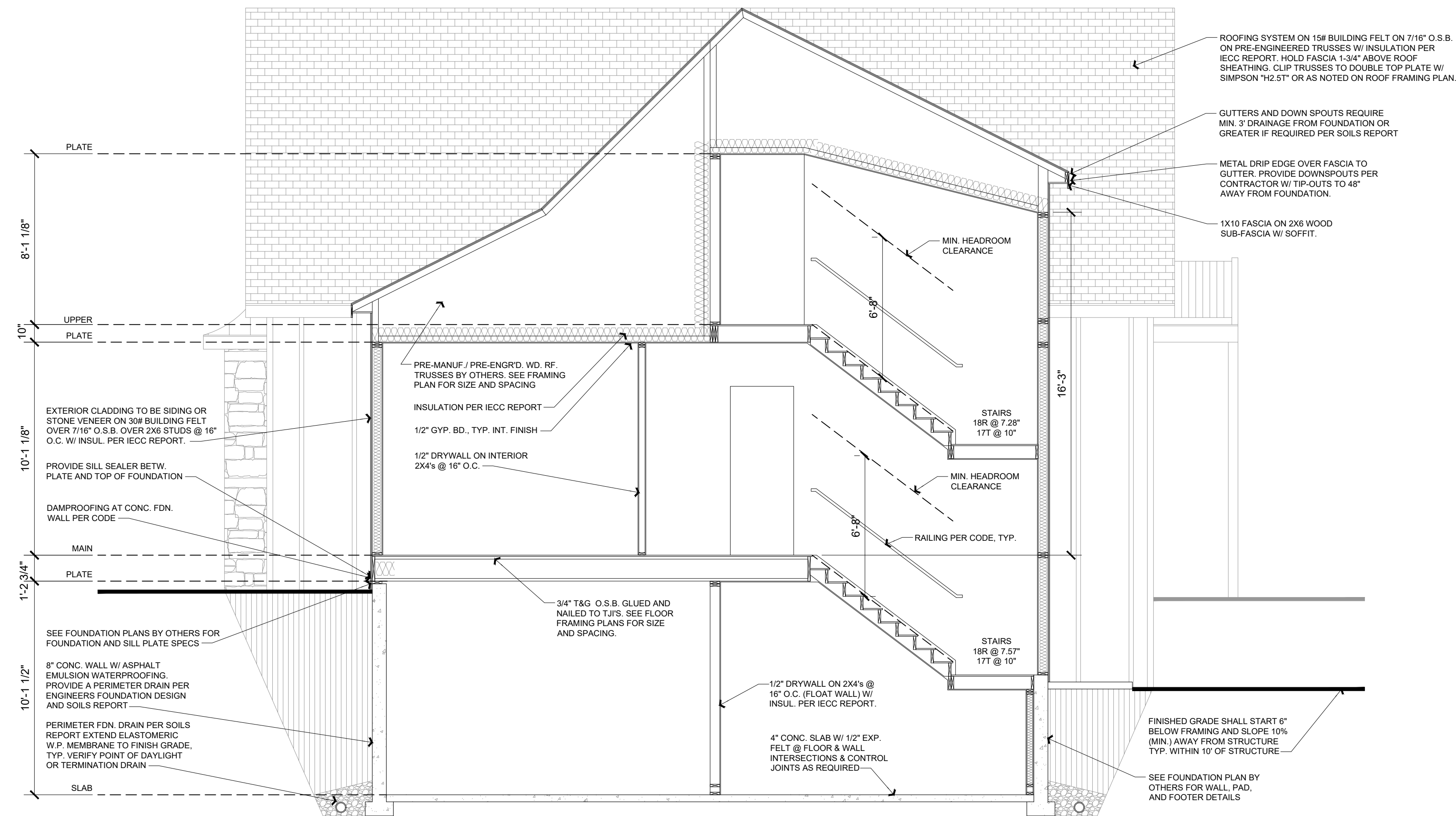
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SHEET:





BUILDING SECTION

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

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SHEET TITLE:
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