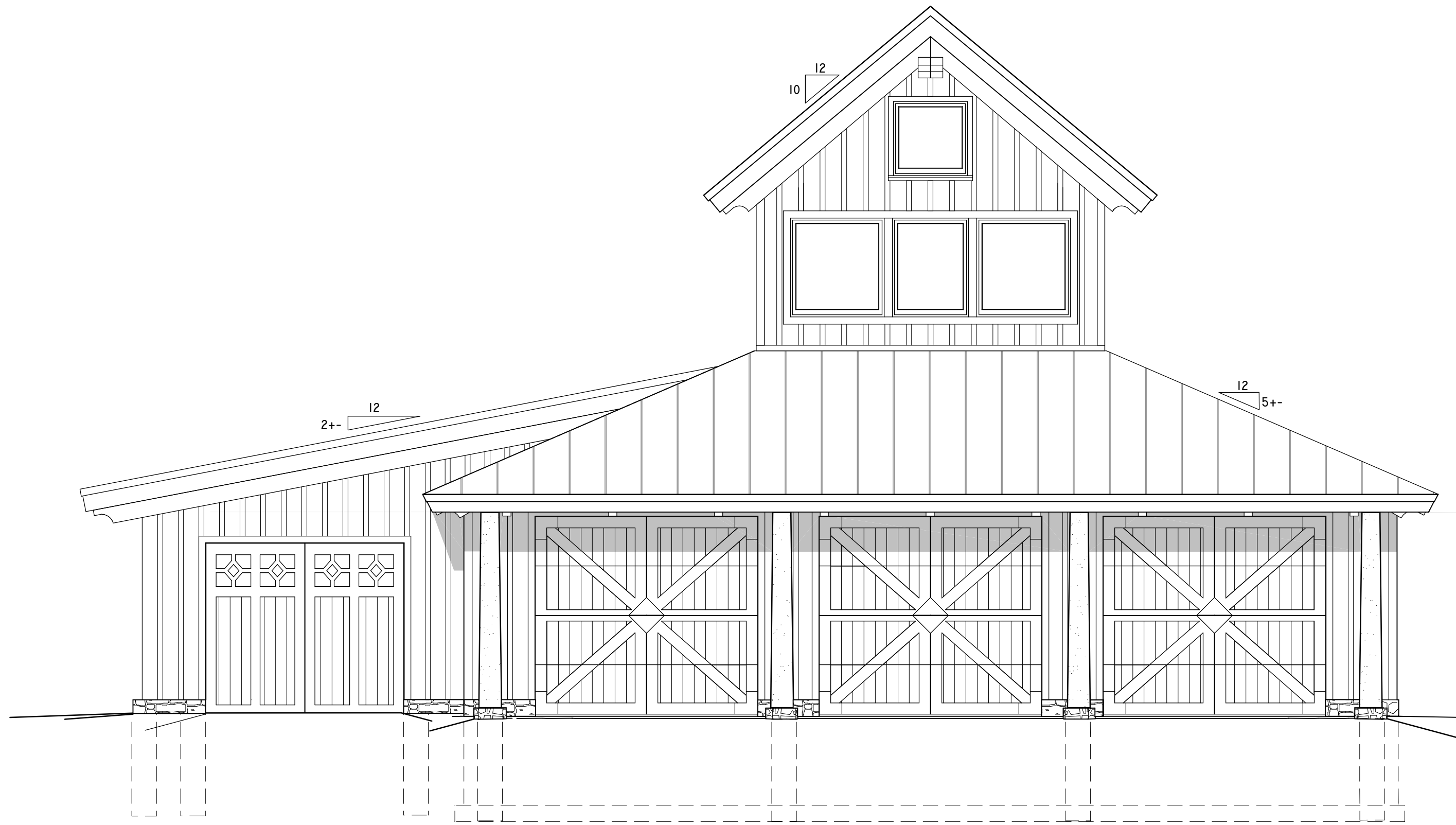


SHEET INDEX

PG#1-ELEVATIONS
PG#2-ELEVATIONS
PG#3-FOUNDATION PLAN
PG#4-FIRST FLOOR PLAN
PG#5-SECOND FLOOR PLAN
PG#6-SECTIONS
PG#7-SECTIONS
PG#8-SECTIONS & NOTES



FRONT ELEVATION

1/4" = 1'-0"



REAR ELEVATION

1/4" = 1'-0"

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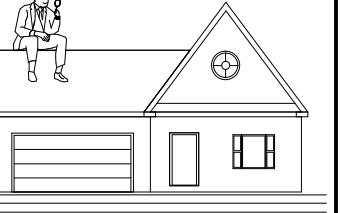
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SHEET #:

2

SHEET INDEX

- PG#1-ELEVATIONS
- PG#2-ELEVATIONS
- PG#3-FOUNDATION PLAN
- PG#4-FIRST FLOOR PLAN
- PG#5-SECOND FLOOR PLAN
- PG#6-SECTIONS
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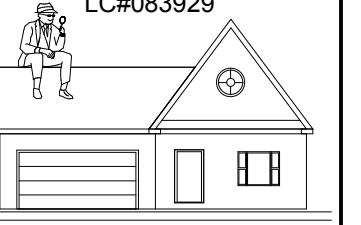
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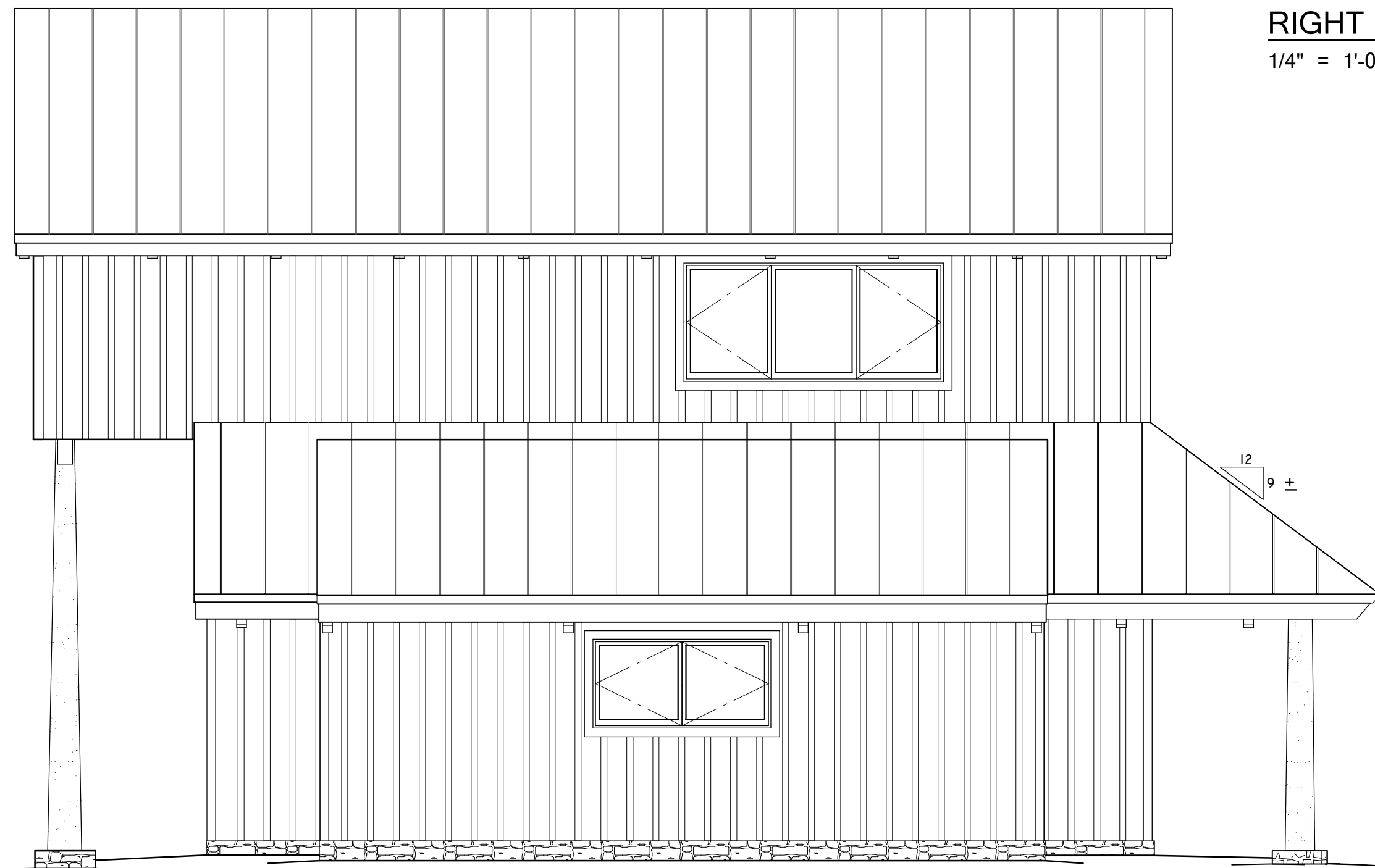
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RIGHT ELEVATION

1/4" = 1'-0"



LEFT ELEVATION

1/4" = 1'-0"

PITCH FINAL GRADE AWAY FROM STRUCTURE A MINIMUM OF 6" WITHIN THE FIRST TEN FEET
 KEEP ALL UNTREATED WOOD A MINIMUM OF 8" ABOVE FINISHED GRADE

SHEET INDEX

PG#1-ELEVATIONS
 PG#2-ELEVATIONS
 PG#3-FOUNDATION PLAN
 PG#4-FIRST FLOOR PLAN
 PG#5-SECOND FLOOR PLAN
 PG#6-SECTIONS
 PG#7-SECTIONS
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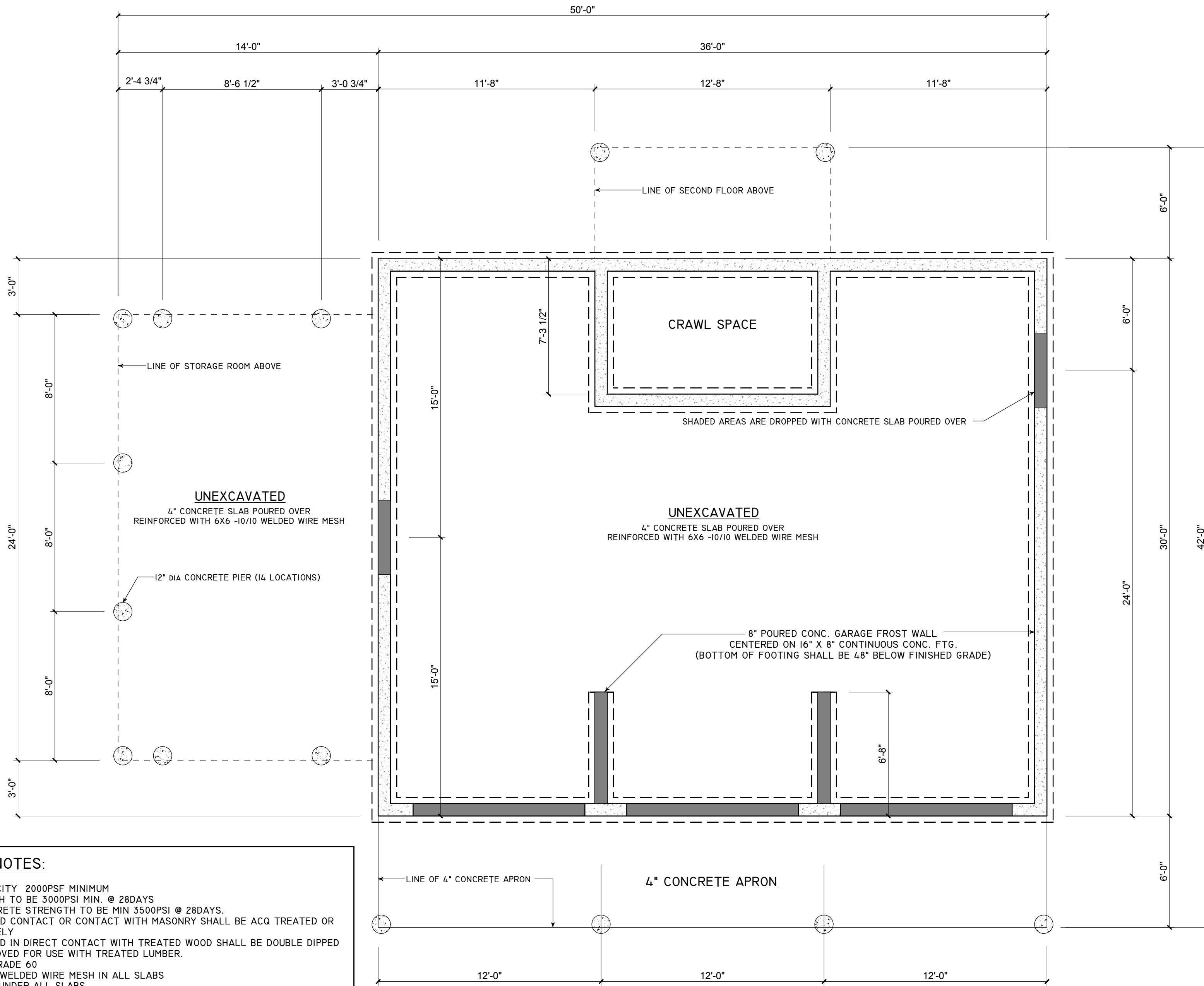
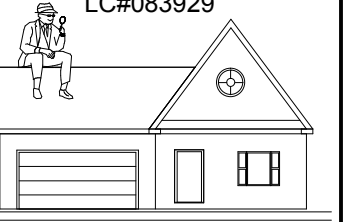
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FOUNDATION PLAN

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

FOUNDATION NOTES:

- * SOIL BEARING CAPACITY 2000PSF MINIMUM
- * CONCRETE STRENGTH TO BE 3000PSI MIN. @ 28DAYS
- * GARAGE SLAB CONCRETE STRENGTH TO BE MIN 3500PSI @ 28DAYS.
- * ANY WOOD IN GROUND CONTACT OR CONTACT WITH MASONRY SHALL BE ACQ TREATED OR FLASHED APPROPRIATELY
- * ALL FASTENERS USED IN DIRECT CONTACT WITH TREATED WOOD SHALL BE DOUBLE DIPPED GALVANIZED OR APPROVED FOR USE WITH TREATED LUMBER.
- * ALL REBAR TO BE GRADE 60
- * INSTALL 6X6 #10/10 WELDED WIRE MESH IN ALL SLABS
- * INSTALL 6MIL POLY UNDER ALL SLABS
- * 1/2" X 12" ANCHOR BOLTS TO BE INSTALLED @ 72" O.C. MAX & WITHIN 12" OF ALL JOINTS AND OPENINGS
- * CONTROL JOINTS- PROVISIONS FOR CONTRACTION OR EXPANSION MOVEMENTS DUE TO TEMPERATURE AND/OR MOISTURE SHALL BE PROVIDED WITH CONSTRUCTION OF CONTROL JOINTS BY SAWING, FORMING OR TOOLING A GROOVE ABOUT 1/4 THE THICKNESS OF THE SLAB, NO FURTHER APART THAN 30 TIMES THE THICKNESS. OFTEN CLOSER SPACING OF CONTROL JOINT WILL BE NECESSARY. THE LENGTH OF AN AREA SHOULD NOT EXCEED ABOUT 1.5 TIMES THE WIDTH. ISOLATION JOINTS SHOULD BE PROVIDED WHENEVER RESTRICTION TO FREEDOM OF EITHER VERTICAL OR HORIZONTAL MOVEMENT IS ANTICIPATED. THIS SHOULD BE DONE WHERE FLOORS MEET WALLS, COLUMNS OR FOOTING. THESE SHOULD BE FULL DEPTH JOINTS AND SHOULD BE CONSTRUCTED BY INSERTING A BARRIER OF SOME TYPE TO PREVENT BOND BETWEEN THE SLAB AND OTHER ELEMENTS. NOLAN ENGINEERING ASSUMES NO RESPONSIBILITY FOR CRACKING OF CONCRETE.

SHEET INDEX

PG#1-ELEVATIONS
 PG#2-ELEVATIONS
 PG#3-FOUNDATION PLAN
 PG#4-FIRST FLOOR PLAN
 PG#5-SECOND FLOOR PLAN
 PG#6-SECTIONS
 PG#7-SECTIONS
 PG#8-SECTIONS & NOTES

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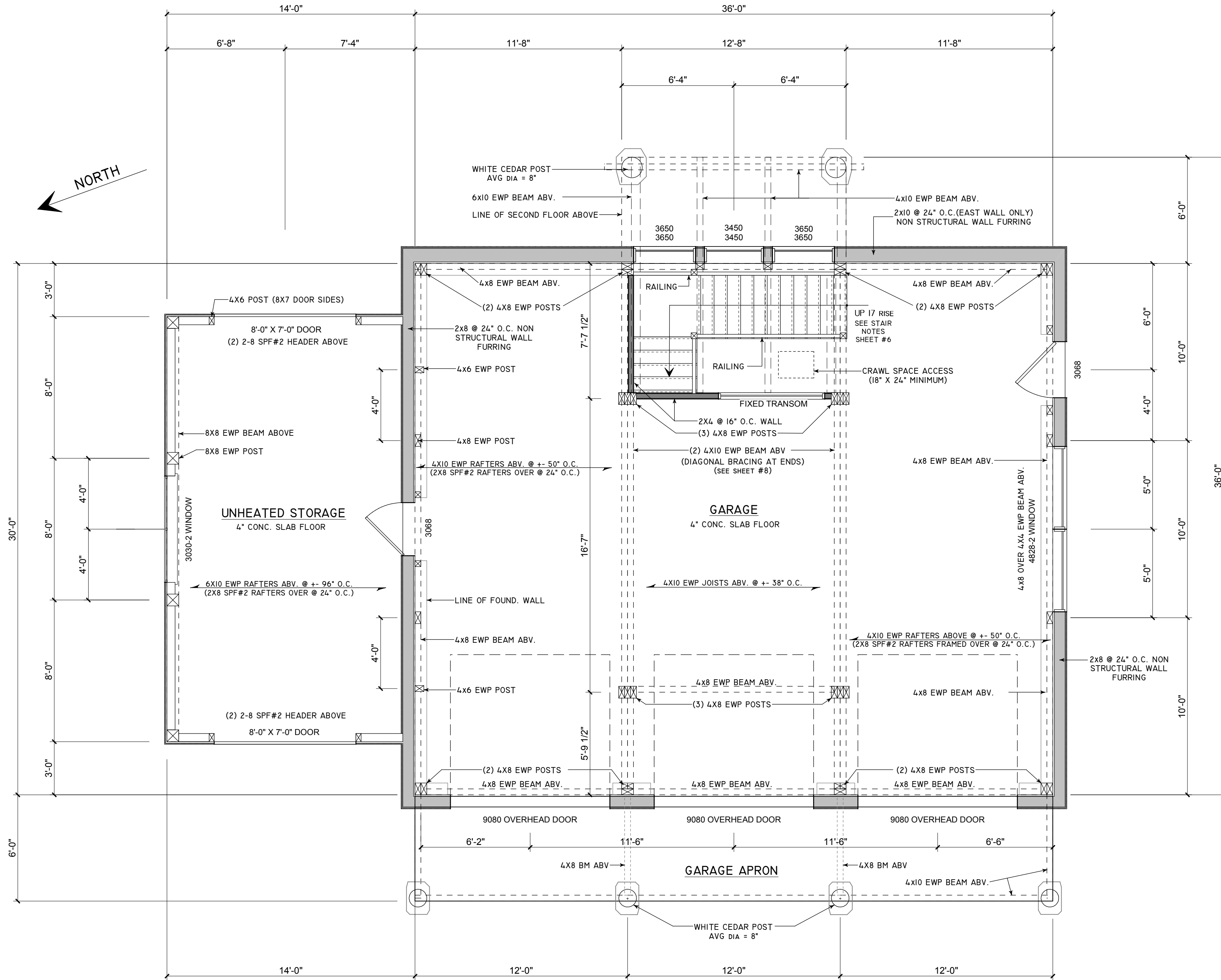
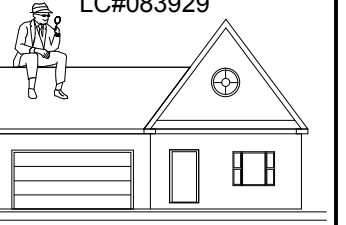
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FIRST FLOOR PLAN

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

NOTE:

INFORMATION PRESENTED IS BASED ON FIELD MEASUREMENTS, FIELD OBSERVATIONS AND INFORMATION PROVIDED BY THE CONTRACTOR. UNGRADED LUMBER HAS BEEN VISUALLY ASSESSED FOR STRUCTURAL ACCEPTABILITY.

SHEET INDEX

PG#1-ELEVATIONS
 PG#2-ELEVATIONS
 PG#3-FOUNDATION PLAN
 PG#4-FIRST FLOOR PLAN
 PG#5-SECOND FLOOR PLAN
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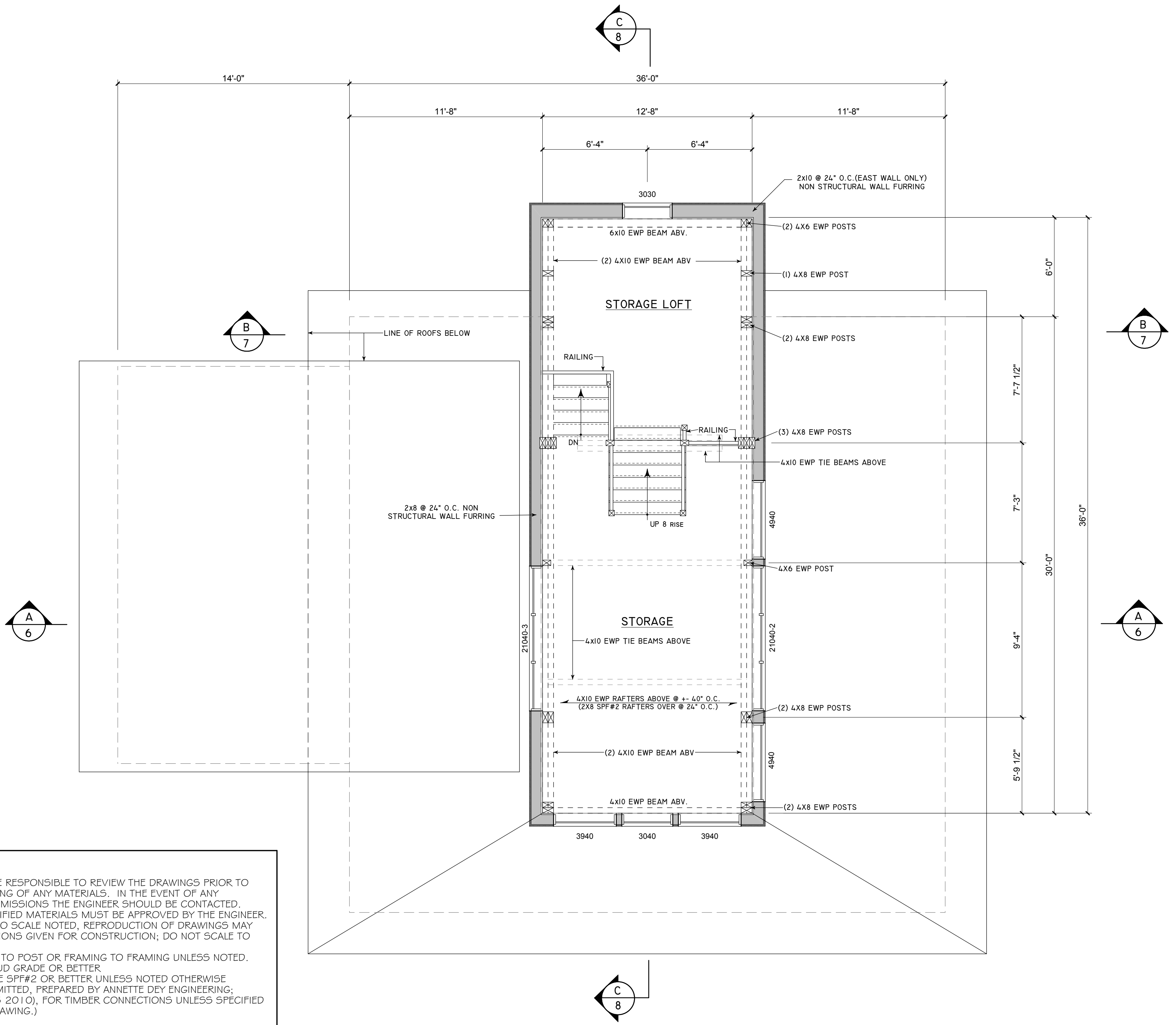
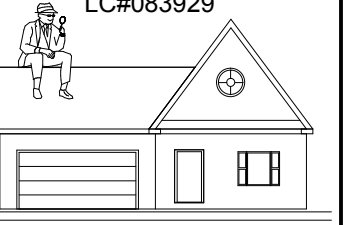
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GENERAL NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW THE DRAWINGS PRIOR TO CONSTRUCTION OR ORDERING OF ANY MATERIALS. IN THE EVENT OF ANY DISCREPANCIES AND / OR OMISSIONS THE ENGINEER SHOULD BE CONTACTED. ANY DEVIATION FROM SPECIFIED MATERIALS MUST BE APPROVED BY THE ENGINEER. DRAWINGS ARE PREPARED TO SCALE NOTED, REPRODUCTION OF DRAWINGS MAY ALTER SCALE. USE DIMENSIONS GIVEN FOR CONSTRUCTION; DO NOT SCALE TO DETERMINE DIMENSIONS.
 ALL DIMENSIONS ARE POST TO POST OR FRAMING TO FRAMING UNLESS NOTED.
 WALL STUDS TO BE SPF STUD GRADE OR BETTER
 ALL FRAMING LUMBER TO BE SPF#2 OR BETTER UNLESS NOTED OTHERWISE
 REFER TO PRIOR PLAN SUBMITTED, PREPARED BY ANNETTE DEY ENGINEERING; WALPOLE NH (DATED OCT. 5 2010), FOR TIMBER CONNECTIONS UNLESS SPECIFIED OTHERWISE WITHIN THIS DRAWING.)

SECOND FLOOR PLAN

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

SHEET INDEX

PG#1-ELEVATIONS
 PG#2-ELEVATIONS
 PG#3-FOUNDATION PLAN
 PG#4-FIRST FLOOR PLAN
 PG#5-SECOND FLOOR PLAN
 PG#6-SECTIONS
 PG#7-SECTIONS
 PG#8-SECTIONS & NOTES

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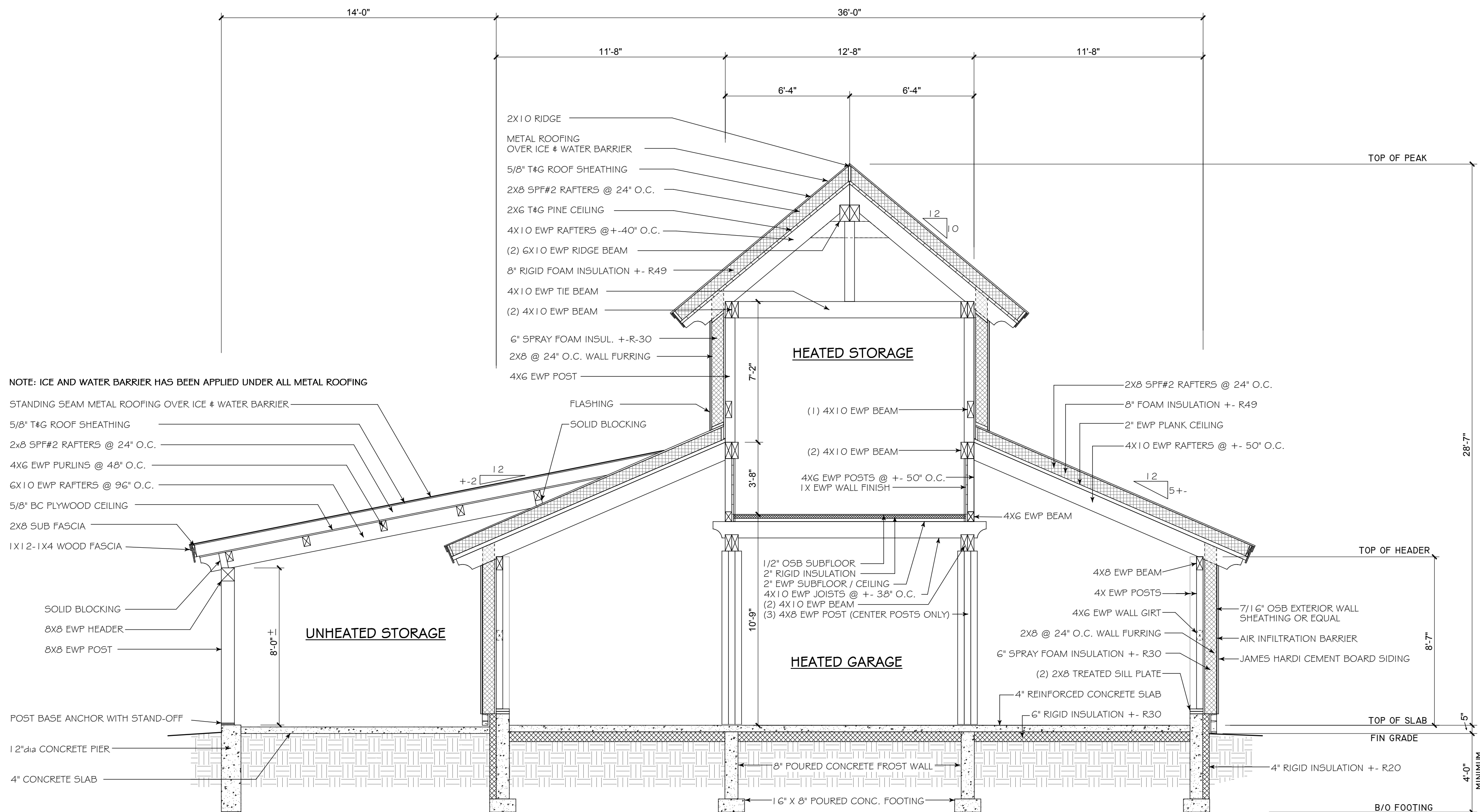
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CROSS SECTION -A-

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

Stairways.

Width. Stairways shall not be less than 36 inches (914 mm) in clear width at all points above the permitted handrail height and below the required headroom height. Handrails shall not project more than 4.5 inches (114 mm) on either side of the stairway and the minimum clear width of the stairway at and below the handrail height, including treads and landings, shall not be less than 31.5 inches (787 mm) where a handrail is installed on one side and 27 inches (698 mm) where handrails are provided on both sides.

Headroom. The minimum headroom in all parts of the stairway shall not be less than 6 feet 8 inches (2036 mm) measured vertically from the sloped plane adjoining the tread nosing or from the floor surface of the landing or platform.

Stair treads and risers.

Riser height. The maximum riser height shall be 8 1/4 inches (209 mm). The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm).

Tread depth. The minimum tread depth shall be 9 inches (229 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm). Winder treads shall have a minimum tread depth of 10 inches (254 mm) measured as above at a point 12 inches (305 mm) from the side where the treads are narrower. Winder treads shall have a minimum tread depth of 6 inches (152 mm) at any point. Within any flight of stairs, the largest winder tread depth at the 12 inch (305 mm) walk line shall not exceed the smallest by more than 3/8 inch (9.5 mm).

Landings for stairways. There shall be a floor or landing at the top and bottom of each stairway.

The width of each landing shall not be less than the width of the stairway served. Every landing shall have a minimum dimension of 36 inches (914 mm) measured in the direction of travel.

Exception: A floor or landing is not required at the top of an interior flight of stairs, including stairs in an enclosed garage, provided a door does not swing over the stairs.

A flight of stairs shall not have a vertical rise larger than 12 feet (3658 mm) between floor levels or landings.

Illumination. All stairs shall be provided with illumination in accordance with Section R303.6.

Handrails.

R311.5.6 Handrails. Handrails shall be provided on at least one side of each continuous run of treads or flight with four or more risers.

R312.1 Guards. Porches, balconies, ramps or raised floor surfaces located more than 30 inches (762 mm) above the floor or grade below shall have guards not less than 36 inches (914 mm) in height. Open sides of stairs with a total rise of more than 30 inches (762 mm) above the floor or grade below shall have guards not less than 34 inches (864 mm) in height measured vertically from the nosing of the treads.

Porches and decks which are enclosed with insect screening shall be equipped with guards where the walking surface is located more than 30 inches (762 mm) above the floor or grade below.

R312.2 Guard opening limitations. Required guards on open sides of stairways, raised floor areas, balconies and porches shall have intermediate rails or ornamental closures which do not allow passage of a sphere 4 inches (102mm) or more in diameter.

Exceptions:

1. The triangular openings formed by the riser, tread and bottom rail of a guard at the open side of a stairway are permitted to be of such a size that a sphere 6 inches (152 mm) cannot pass through.

SHEET INDEX

PG#1-ELEVATIONS
 PG#2-ELEVATIONS
 PG#3-FOUNDATION PLAN
 PG#4-FIRST FLOOR PLAN
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 PG#6-SECTIONS
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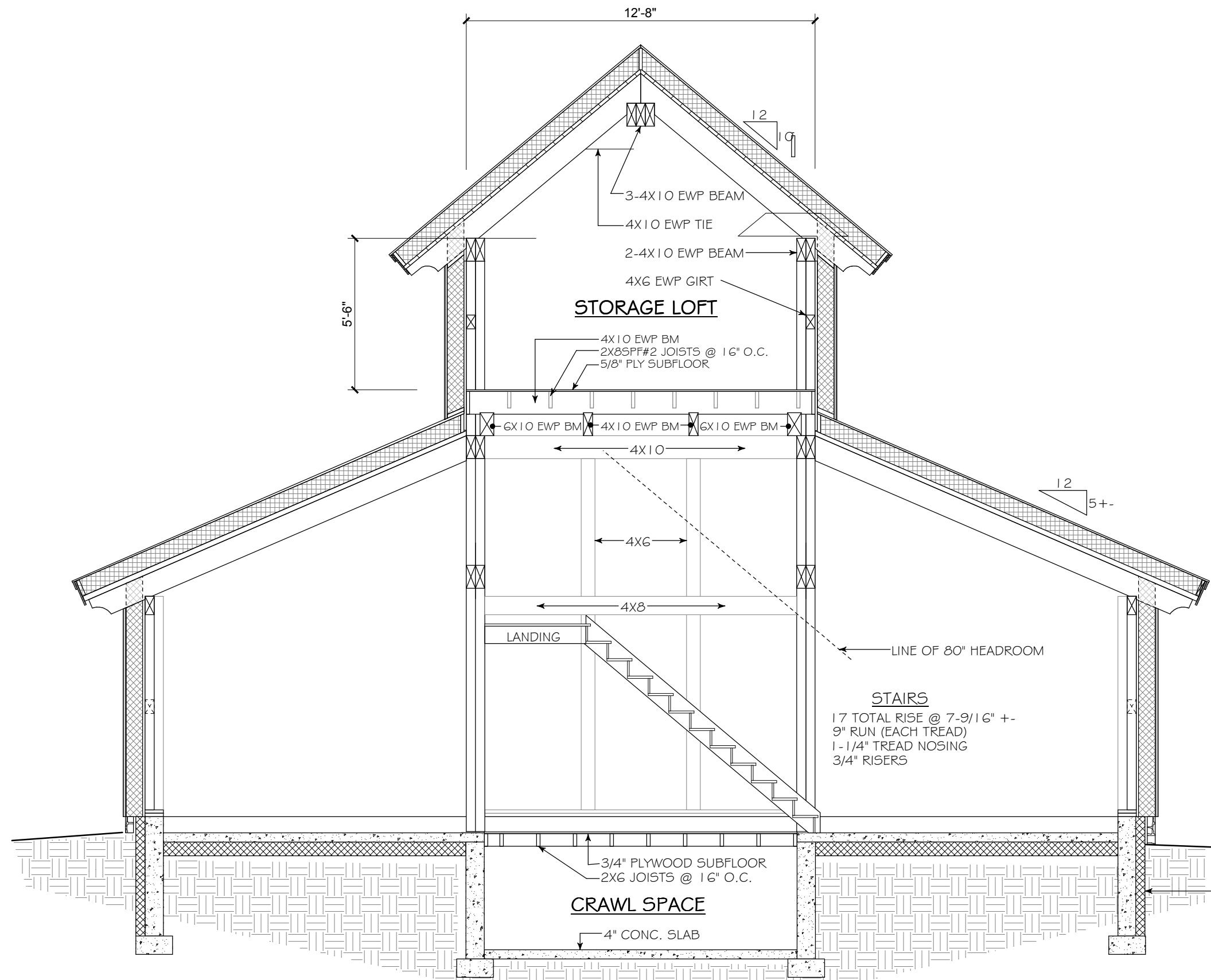
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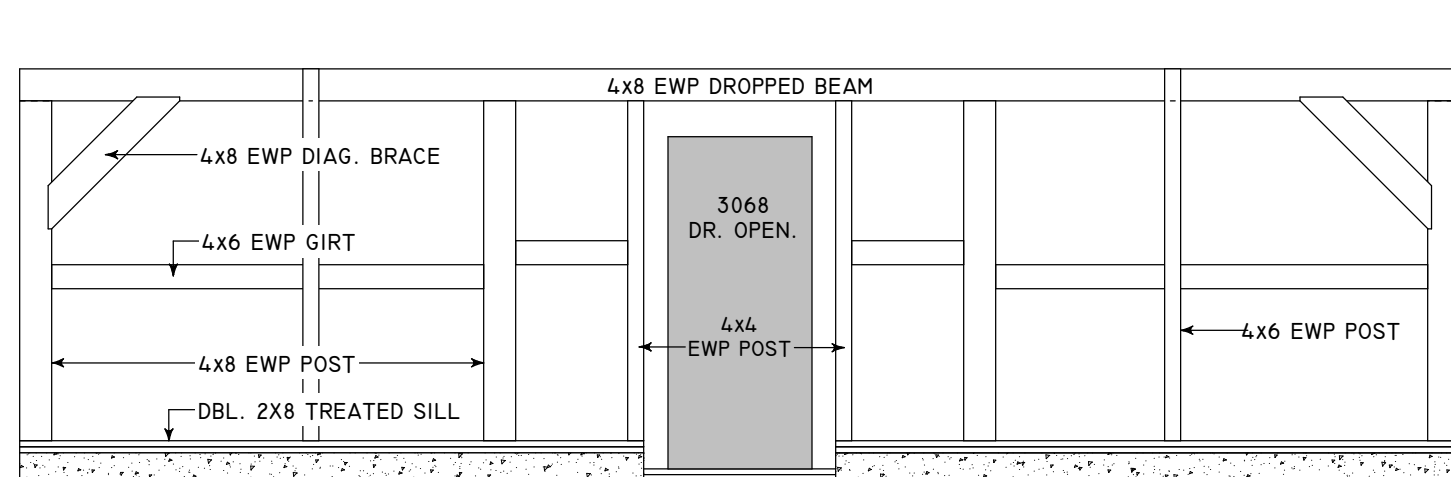
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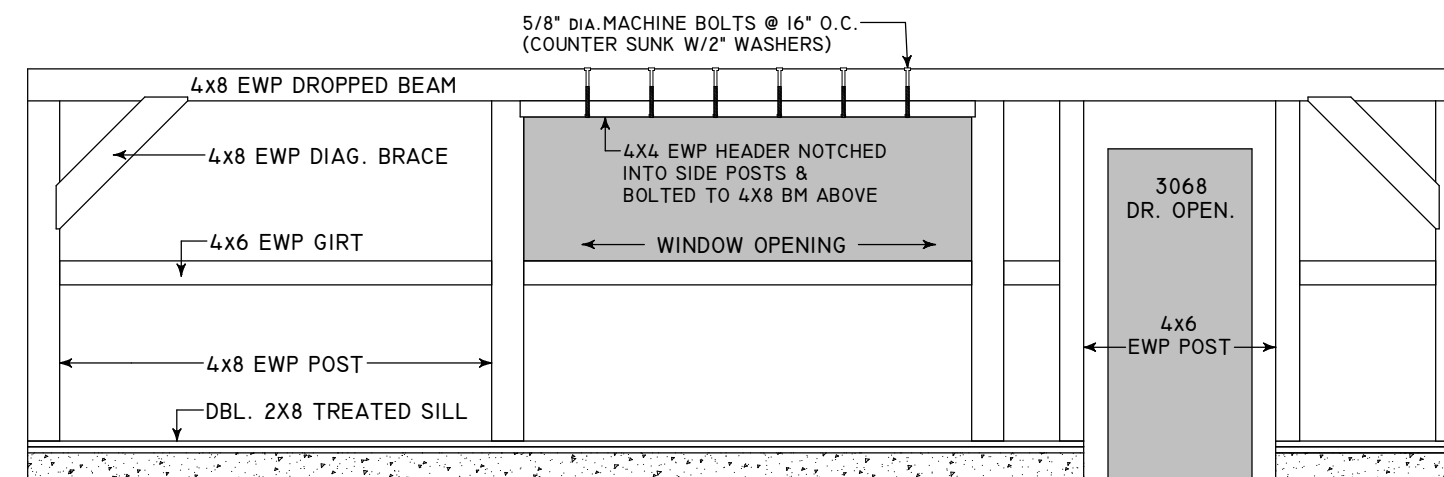
CROSS SECTION -B-

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



GARAGE NORTH WALL DETAIL

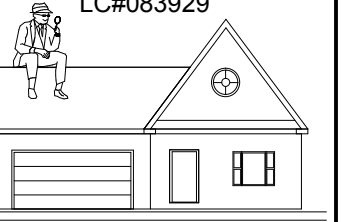
SCALE: 1/4" = 1'-0"



GARAGE SOUTH WALL DETAIL

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

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SHEET INDEX

PG#1-ELEVATIONS
 PG#2-ELEVATIONS
 PG#3-FOUNDATION PLAN
 PG#4-FIRST FLOOR PLAN
 PG#5-SECOND FLOOR PLAN
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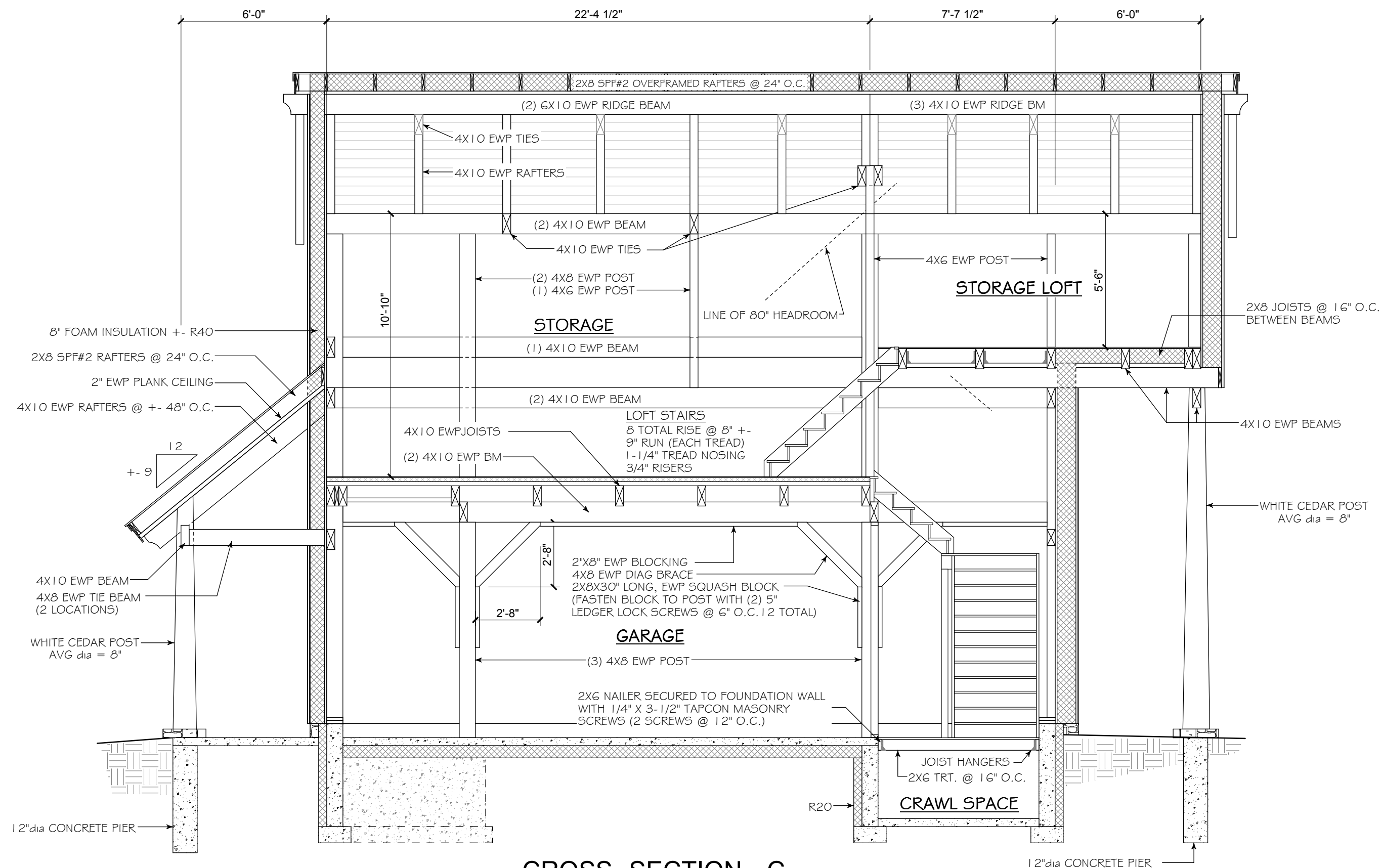
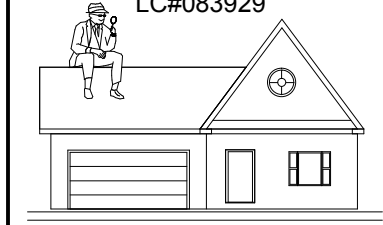
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CROSS SECTION -C-
 SCALE: 1/4" = 1'-0"

MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS (in pounds per square foot)

| USE | LIVE LOAD |
|--|-----------|
| Attics with limited storage | 20 |
| Attics without storage | 10 |
| Decks | 40 |
| Exterior balconies | 60 |
| Fire escapes | 40 |
| Handrails-(A single concentrated load applied in any direction at any point along the top) | 200 |
| Guardrails in-fill components (Balusters and panel fillers shall be designed to withstand a horizontally applied normal load of 50 pounds on an area equal to 1 square foot) | 50 |
| Rooms other than sleeping rooms | 40 |
| Sleeping rooms | 30 |
| Stairs | 40 |

CLIMATIC & GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD = 50 #/SF
WIND SPEED = 90 MPH
SEISMIC DESIGN CATEGORY = B
SUBJECT TO DAMAGE FROM WEATHERING = SEVERE
FROST LINE DEPTH = 48"
SUBJECT TO DAMAGE FROM TERMITES = SLIGHT TO MODERATE
ICE BARRIER UNDERLAYMENT REQ.= YES
FLOOD HAZARDS = NO

THIS BUILDING COMPLIES WITH THE 2010 NYS ENERGY CONSERVATION CONSTRUCTION CODE USING THE PRESCRIPTIVE METHOD FOR CLIMATE ZONE 6

TABLE 402.1.1 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT

| CLIMATE ZONE | FENESTRATION U-FACTOR ^a | SKYLIGHT ^b U-FACTOR | CEILING R-VALUE | WOOD FRAME WALL R-VALUE ^c | MASS WALL R-VALUE ^c | FLOOR R-VALUE | BASEMENT WALL R-VALUE | SLAB ^d R-VALUE & DEPTH | CRAWL SPACE WALL R-VALUE |
|--------------|------------------------------------|--------------------------------|-----------------|--------------------------------------|--------------------------------|-----------------|-----------------------|-----------------------------------|--------------------------|
| 4 | 0.35 | 0.60 | 38 | 13 | 5/10 _e | 19 | 10/13 _e | 10.2 R _e | 10/13 _e |
| 5 | 0.35 | 0.60 | 38 | 20 or 13+5 _f | 13/17 _e | 30 _e | 10/13 _e | 10.2 R _e | 10/13 _e |
| 6 | 0.35 | 0.60 | 49 | 20 or 13+5 _f | 15/19 _e | 30 _e | 15/19 _e | 10.4 R _e | 10/13 _e |

ABBREVIATIONS

| | | | |
|----------|--------------------------------|--------|------------------------|
| AFF | ABOVE FINISHED FLOOR | O.C. | ON CENTERS |
| BSMT | BASEMENT | OPT | OPTIONAL |
| CLG | CEILING | O.S.B. | ORIENTED STRAND BOARD |
| CL (CL0) | CLOSET | POLY | POLYETHYLENE |
| CMU | CONCRETE MASONART UNIT (BLOCK) | P.S.I. | POUNDS PER SQUARE INCH |
| CONC | CONCRETE | P.S.F. | POUNDS PER SQUARE FOOT |
| DBL | DOUBLE | REBAR | REINFORCING BAR |
| DN | DOWN | SPF | SPRUCE-PINE FIR |
| EWP | EASTERN WHITE PINE | SYR | SOUTHERN YELLOW PINE |
| LVL | LAMINATED VENEER LUMBER | STOR | STORAGE |
| MAX | MAXIMUM | TYP | TYPICAL |
| MIN | MINIMUM | U.N.O. | UNLESS NOTED OTHERWISE |
| M.O. | MASONRY OPENING | W.W.M. | WOVEN WIRE MESH |
| SQFT | SQUARE FOOT | | |
| LNFT | LINEAL FEET | | |

ENERGY NOTES

1. CAULK ALL EXTERIOR TOE PLATES WITH LATEX CAULK.
2. CAULK ALL WIRE AND PIPE HOLES WHERE THEY PENETRATE ALL UPPER AND LOWER EXTERIOR PLATES.
3. USE BLOWN-IN WALL INSULATION IF AT ALL POSSIBLE. IF BAT INSULATION IS USED PACK BEHIND ALL ELECTRICAL BOXES.
4. SEAL ALL JOINTS IN HVAC DUCTS, WITH LEAKAGE NO MORE THAN 3%. 3" FIBER MESH TAPE SHOULD BE USED ON ALL COLLAR TO FLENUM CONNECTIONS AND ALL GAPS THAT ARE 1/4" OR WIDER. INSULATE DUCTS WITH R-6.5 OR GREATER.
5. FOAM INSULATE BETWEEN ALL EXTERIOR WINDOW AND DOOR EDGES AND ROUGH OPENING FRAME. USE NON-EXPANDING FOAM (W.R. GRACE/ POLY-CELL ONE OR EQUAL).
6. PROVIDE BACK DRAFT DAMPER ON KITCHEN HOOD VENT, DRYER VENT, AND BATHROOM VENT.
7. INSULATE ALL HOT WATER PIPES.
8. INSTALL WRAP KIT ON WATER HEATER.