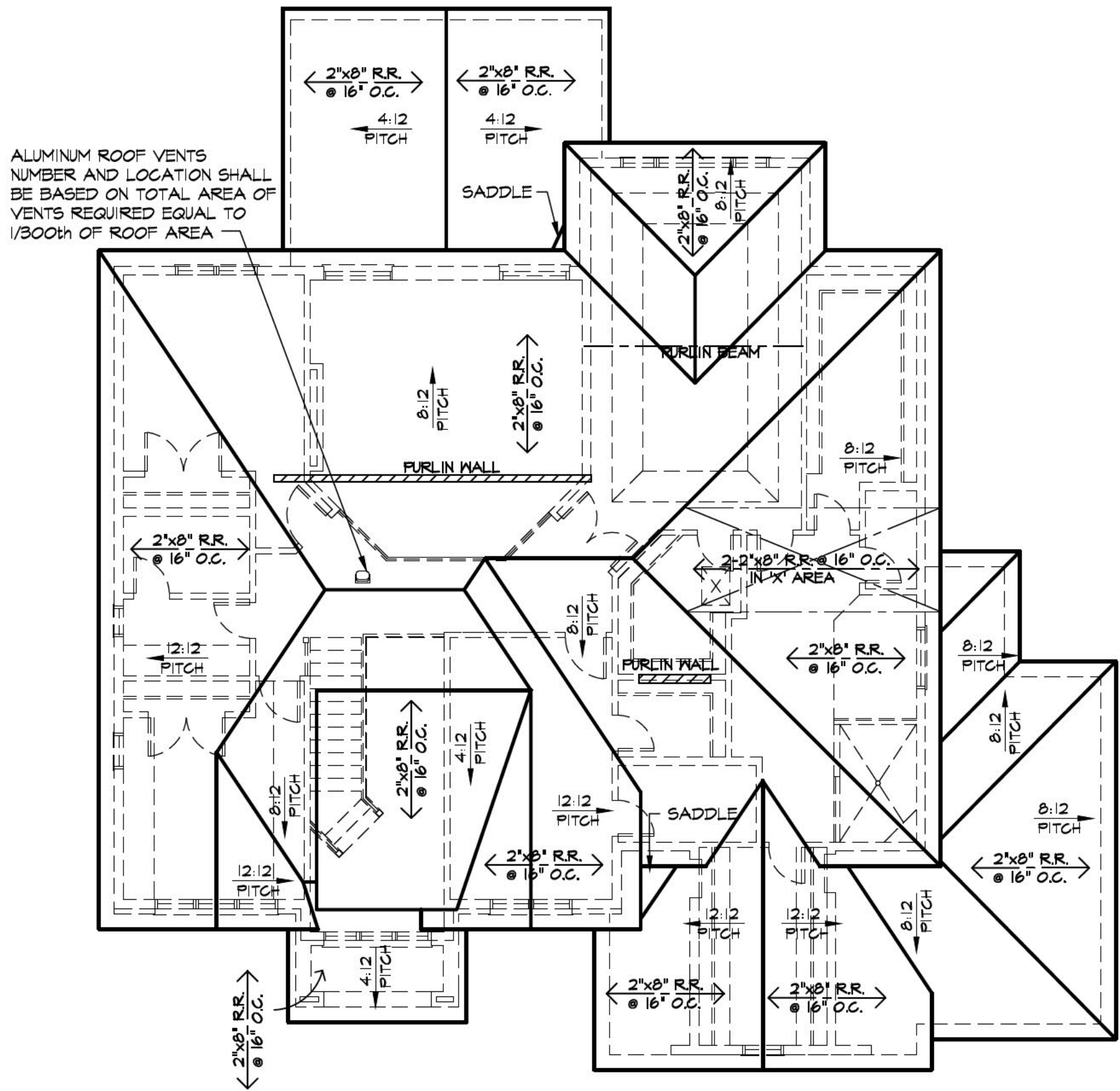




ROOF PLAN

SCALE: 1/8" = 1'-0"

ROOF NOTES

USE CANADIAN SPRUCE-PINE-FIR NO. 2 FOR ROOF RAFTERS THRU 2"x10". 2"x12" ROOF RAFTERS SHALL BE CANADIAN HEM-FIR NO. 2 PER U.S. SPAN BOOK FOR CANADIAN LUMBER. SPAN TABLES SPEC. FOR SOUTHERN LUMBER (NORTHERN LUMBER GREATER SPANS ARE ALLOWED)

2"x6" @ 12" O.C. = 13'-7" 2"x8" @ 12" O.C. = 17'-5" 2"x10" @ 12" O.C. = 21'-4" 2"x6" @ 16" O.C. = 11'-11" 2"x8" @ 16" O.C. = 15'-1" 2"x10" @ 16" O.C. = 18'-5"

HEM-FIR

2"x12" @ 12" O.C. = 24'-4"

2"x12" @ 16" O.C. = 21'-1"

1. HIP OR VALLEY RAFTERS EXCEEDING 24'-0" IN LENGTH SHALL BE 1 3/4" WIDE GANG LAM MEMBERS x RAFTER DEPTH PLUS 2" DEEP.

2. ALL HIP VALLEY CRIPPLE JACKS SHALL BE INSTALLED AND SHALL BE EQUAL IN DEPTH AND SPACING TO MAIN RAFTER FRAMING INTO HIP OR VALLEY RAFTER.

3. PROVIDE ICE AND WATER SHIELD A MIN. OF 24" MEASURED HORIZONTALLY FROM INSIDE FACE OF EXTERIOR WALL.

4. 2X6 COLLAR TIES SHALL BE INSTALLED FOR ROOF RAFTERS @ 48" O.C.

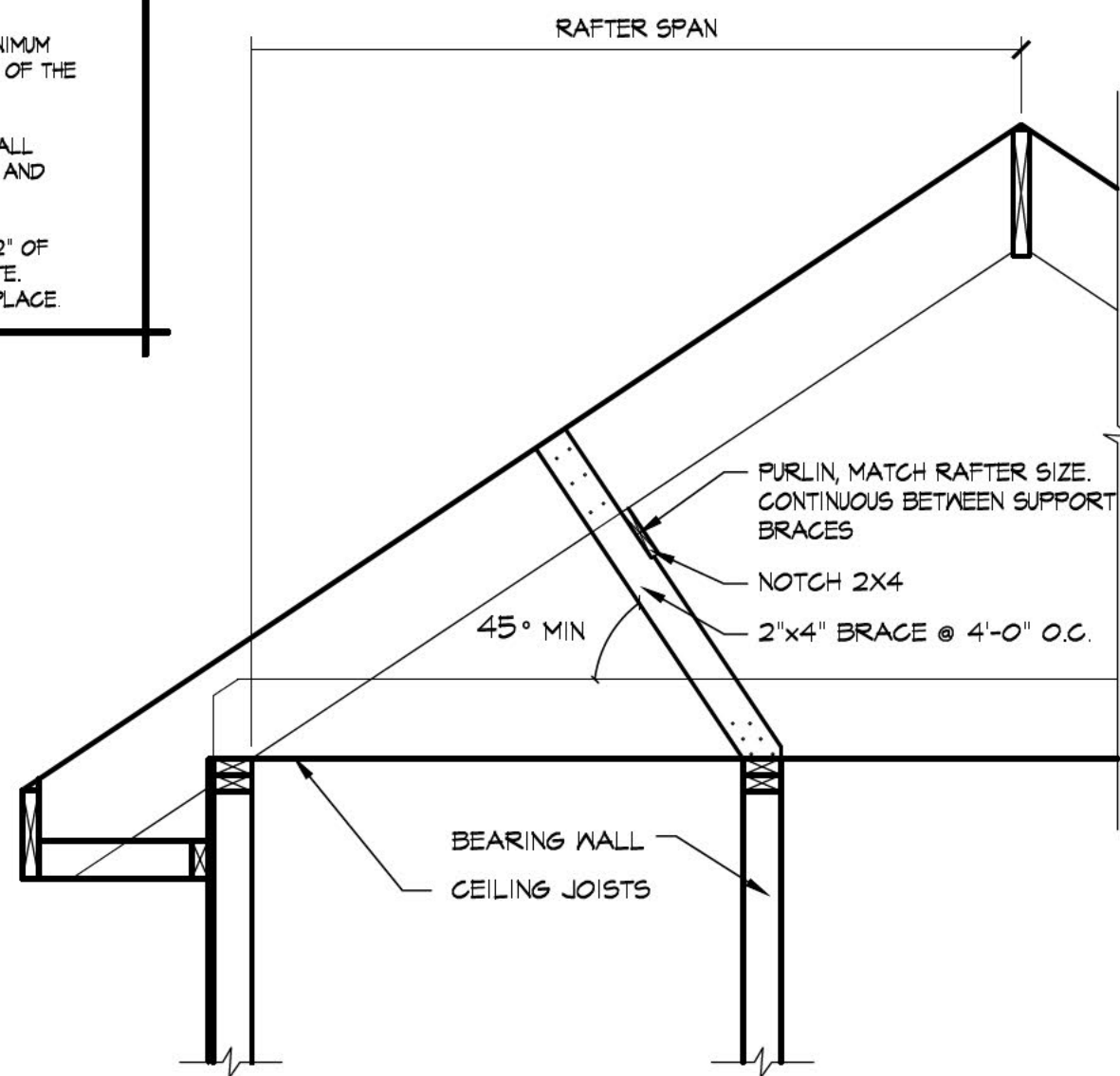
5. WHERE HIP RAFTERS FRAME PERPENDICULAR TO CEILING JOISTS PROVIDE SOLID BLOCKING AT 8'-0" O.C. BETWEEN JOISTS FOR A DISTANCE OF 10'-0" FROM EXTERIOR WALL.

6. PROVIDE FLASHING AT ALL WALL AND ROOF INTERSECTIONS WHEREVER THERE IS A CHANGE IN ROOF SLOPE OR DIRECTION AND AROUND ROOF OPENINGS.

7. RAFTERS SHALL BE FRAMED TO EACH OTHER WITH A GUSSET PLATE OR TO A MINIMUM 1-INCH NOMINAL THICKNESS RIDGE BOARD, NOT LESS IN DEPTH THAN THE CUT END OF THE RAFTER.

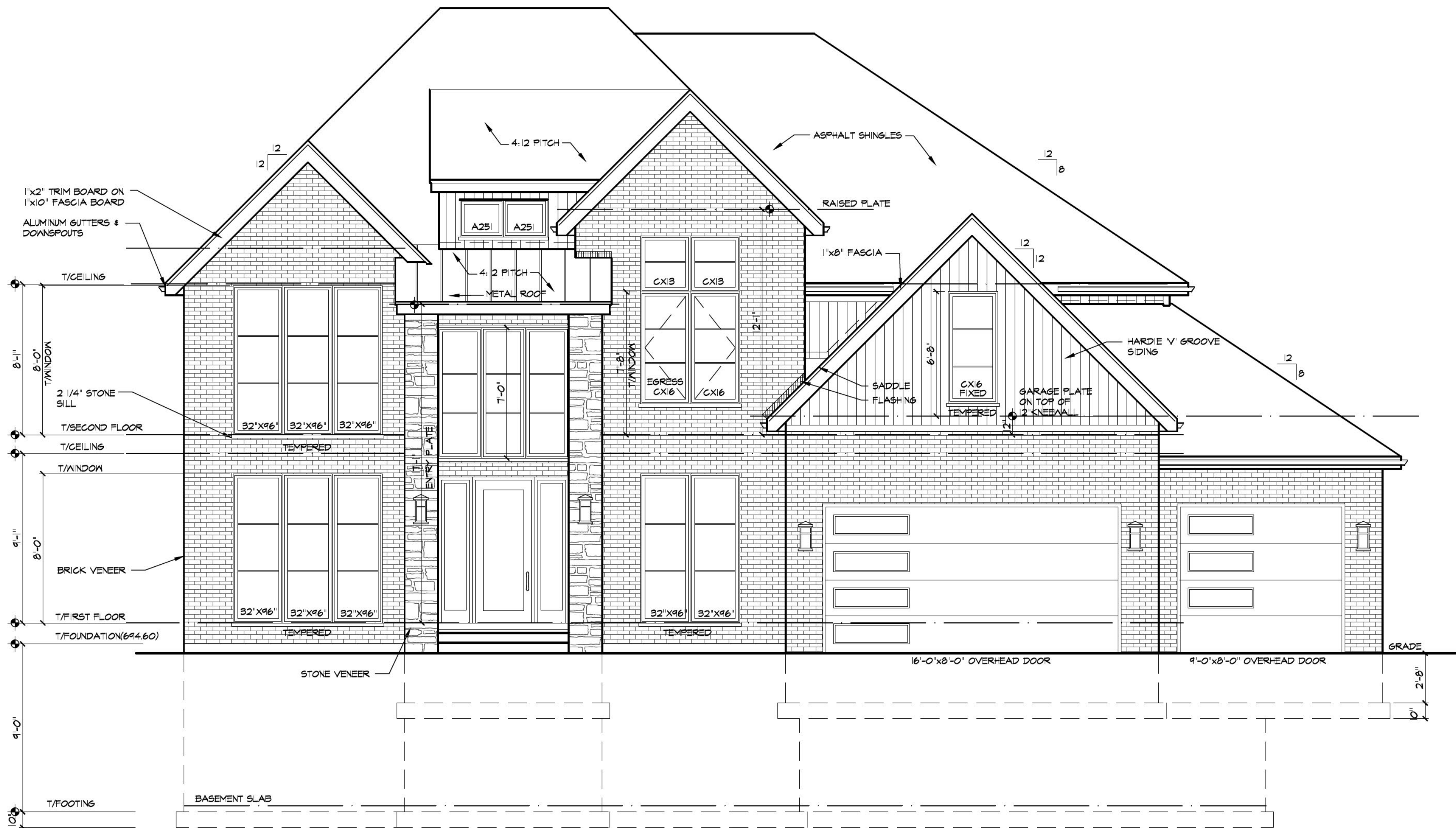
8. A MINIMUM 2-INCH NOMINAL THICKNESS VALLEY OR HIP RAFTER IS REQUIRED AT ALL VALLEYS AND HIPs, NOT LESS THAN THE DEPTH OF THE CUT END OF THE RAFTER AND SUPPORTED AT THE RIDGE BY A BRACE TO A BEARING PARTITION.

9. THE ENDS OF EACH RAFTER AND CEILING JOIST SHALL HAVE NOT LESS THAN 1/2" OF BEARING ON WOOD OR METAL AND NOT LESS THAN 3" ON MASONRY OR CONCRETE. MAINTAIN 2" CLEARANCE TO COMBUSTIBLE FRAMING MEMBER AT MASONRY FIREPLACE.



PURLIN DETAIL

NOTE:
2X8 RAFTERS TO BE BRACED @ MAX. SPAN OF 15'-11"
2X10 RAFTERS TO BE BRACED @ MAX. SPAN OF 18'-5"
ANY BRACE LONGER THAN 8'-0" SHALL BE 2X6



FRONT ELEVATION

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

GENERAL NOTES

- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, COUNTY, AND LOCAL BUILDING ORDINANCES.
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR DIMENSIONAL ACCURACY. ALL DIFFERENCES IN ANTICIPATED DIMENSIONS OR CONDITIONS SHALL BE IMMEDIATELY SUBMITTED IN WRITING TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OR CONTINUATION OF WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SAME. ANY DEVIATION FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT OF THE ARCHITECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NULLIFY AND VOID ANY ARCHITECTURAL CERTIFICATION PERTAINING TO THIS PROJECT.
- THE ARCHITECT SHALL NOT HAVE CONTROL OVER OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTIONS WITH THE WORK. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR CONTRACTORS OR SUBCONTRACTORS SCHEDULES OR FOR FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. THE ARCHITECT SHALL NOT HAVE CONTROL OVER OR CHARGE OF ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR THEIR AGENTS OR EMPLOYEES, OR OF ANY OTHER PERSONS PERFORMING PORTIONS OF THE WORK.
- CONCRETE FOOTINGS SHALL BEAR ON UNDISTURBED SOIL WITH A MINIMUM BEARING CAPACITY OF 3000 PSF.
- CONCRETE SHALL ATTAIN A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
- WOOD SILL PLATES BEARING ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED FOR ROT AND TERMITES.
- PROVIDE A CONTINUOUS 2X6 WOOD NAILER ON TOP OF ALL STEEL BEAMS EXCEPT THOSE USED FOR SUPPORTING MASONRY.
- PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS, OVERSIZED SUBS AND SOLID BLOCKING UNDER PERPENDICULAR PARTITIONS.
- BLOCK SOLID ALL POINTS LOADS DOWN TO STEEL BEAMS AND FOUNDATION WALLS.
- PROVIDE 3-2X4s MIN. AT EACH END OF ALL WOOD BEAMS, HEADERS, AND GIRDER TRUSSES CONTINUOUS TO CONCRETE FOUNDATION OR STRUCTURAL STEEL UNLESS NOTED OTHERWISE.
- FIRESTOP ALL SOFFITS, PENETRATIONS BETWEEN STORIES, THE ROOF SPACES AND DROPPED CEILINGS WITH 5/8" DRYWALL OR 3/4" PLYWOOD.
- PLUMBING SUPPLY LINES SHALL BE COPPER TYPE L.
- ALL WINDOW DESIGNATIONS ARE 'ANDERSEN'
- ALL EGRESS WINDOWS FROM SLEEPING ROOMS MUST HAVE A MIN. NET CLEAR OPENING OF 5.7 SQ. FT. THE MIN. NET CLEAR OPENING HEIGHT DIMENSION SHALL BE 24". THE MIN. NET CLEAR OPENING WIDTH DIMENSION SHALL BE 20". WHERE WINDOWS ARE PROVIDED AS A MEANS OF EGRESS THEY SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44" A.F.F.
- PROVIDE SAFETY GLAZING FOR WINDOWS LESS THAN 18" A.F.F. AND OVER ALL TUBS.
- FIREPLACE FLUES TO BE MIN. (2'-0") ABOVE ANY ROOF SURFACE WITHIN MIN. HORIZONTAL DISTANCE OF (10'-0").
- PROVIDE ICE AND WATER SHIELD AT ALL VALLEYS, SKYLIGHTS, SADDLES, ROOF/WALL INTERSECTIONS/8'-0" UP WALL AND AT EAVE'S EDGE TO A POINT AT LEAST 24" INSIDE OF THE EXTERIOR WALL LINE OF THE BUILDING MEASURED HORIZONTALLY.
- ENGINEERED LUMBER SHALL NOT BE CUT, DRILLED, OR NOTCHED UNLESS SPECIFICALLY INCLUDED IN THE DESIGN.
- ALL WINDOW WELLS TO HAVE COVERS OR GUARDS.
- WINDOW WELLS WITH VERTICAL DEPTH GREATER THAN 44" SHALL BE EQUIPPED WITH A PERMANENTLY AFFIXED LADDER OR STEPS USABLE WITH THE WINDOW IN THE FULLY OPEN POSITION. RUNGS AT LEAST 12" WIDE AT LEAST 3" FROM WALL, SPACED NO MORE THAN 18" O.C. VERTICALLY FOR FULL HEIGHT OF WINDOW WELL.
- PROVIDE 1X3 CROSS BRACING IN FLOORS WITH MAX. SPACING OF 8'-0" O.C. ONE ROW MINIMUM. PROVIDE SOLID BRIDGING IN THE CEILING JOISTS WITH MAX. SPACING OF 8'-0" O.C. ONE ROW MIN.
- HOT AND COLD AIR RETURNS/SUPPLIES MUST BE IN SHEET METAL.
- FIREPLACE OPENING OF 6 S.F. OR LESS-HEARTH EXTENSION OF 8' ON EACH SIDE AND 16' IN FRONT OF FIREPLACE OPENING. FIREPLACE OPENING OF 6 S.F. OR GREAT-HEAR EXTENSION OF 12' ON EACH SIDE AND 20' IN FRONT OF FIREPLACE.
- WHERE THE TOP OF THE SILL OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE THE FINISHED FLOOR AND GREATER THAN 12" ABOVE THE FINISHED GRADE OR OTHER SURFACE BELOW ON THE EXTERIOR OF THE BUILDING, THE OPERABLE WINDOW SHALL COMPLY WITH ONE OF THE FOLLOWING:
1. OPERABLE WINDOWS WITH OPENINGS THAT WILL NOT ALLOW A 4" DIAMETER SPHERE TO PASS THROUGH THE OPENING WHERE THE OPENING IS IN ITS LARGEST OPENED POSITION.
2. OPERABLE WINDOWS THAT ARE PROVIDED WITH WINDOW FALL PREVENTION DEVICES THAT COMPLY WITH ASTM F 3040
3. OPERABLE WINDOWS THAT ARE PROVIDED WITH WINDOW OPENING CONTROL DEVICES THAT COMPLY WITH SECTION R912.2.2

FIRST FLOOR=2,104 SQUARE FEET
SECOND FLOOR=1,911 SQUARE FEET
TOTAL=4,015 SQUARE FEET

DRAWING INDEX

A-1	ELEVATION/ROOF PLAN
A-2	ELEVATIONS
A-3	FOUNDATION PLAN
A-4	FIRST FLOOR PLAN
A-5	SECOND FLOOR PLAN
E-1	ELECTRICAL PLANS
D-1	WALL SECTIONS
D-2	DETAILS
SP-1	SPECIFICATIONS

A New Residence for
O'Malley Builders
Lot 433, The Preserves
St. John, Indiana

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ALL LEGAL FEES INCURRED.

REVISIONS:

TITLE:
FRONT ELEVATION/
ROOF PLAN

DRAWN: JK CHECKED: JK

DATE ISSUED:
10/15/25

PROJECT NUMBER:
2025-061

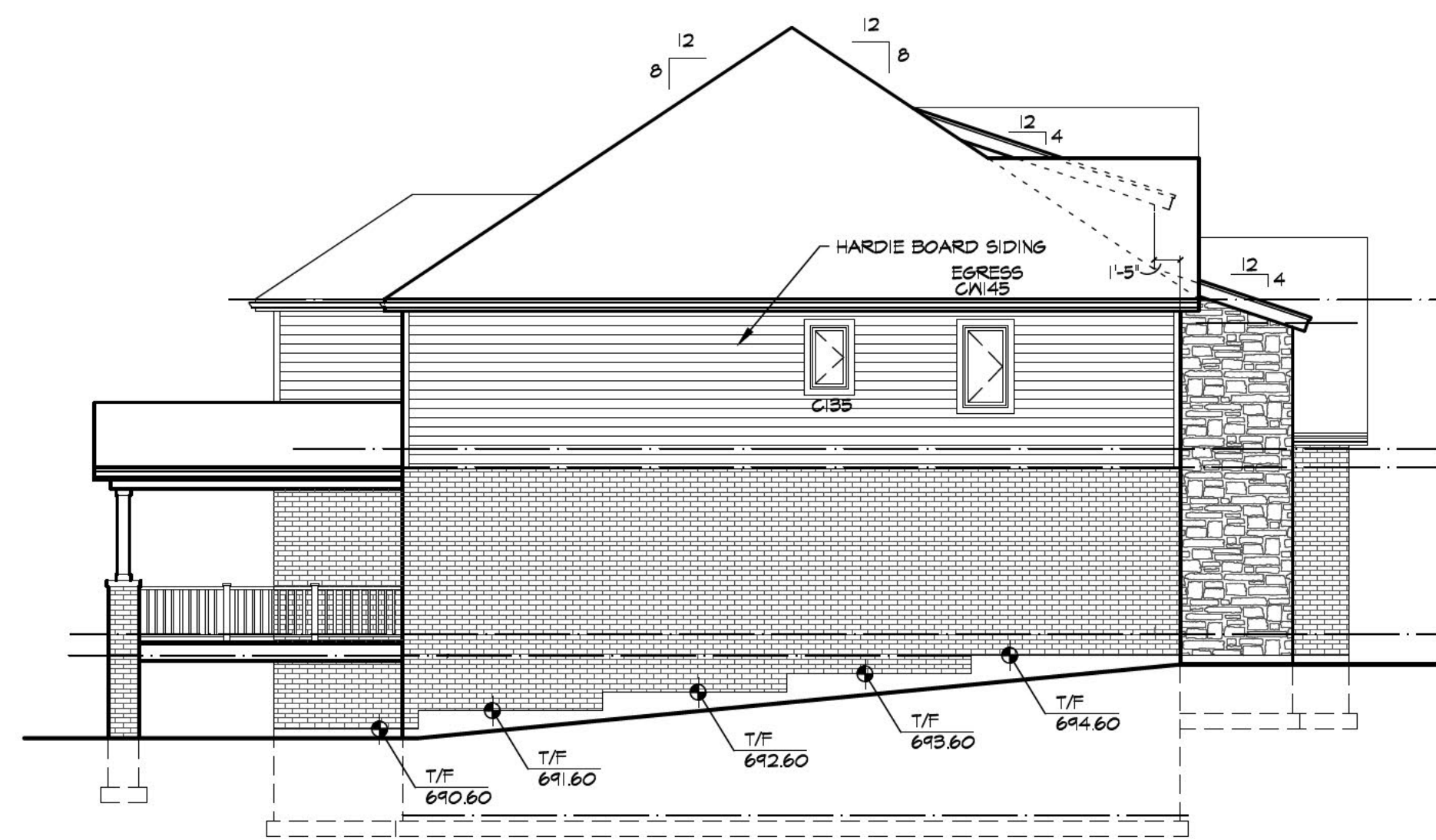
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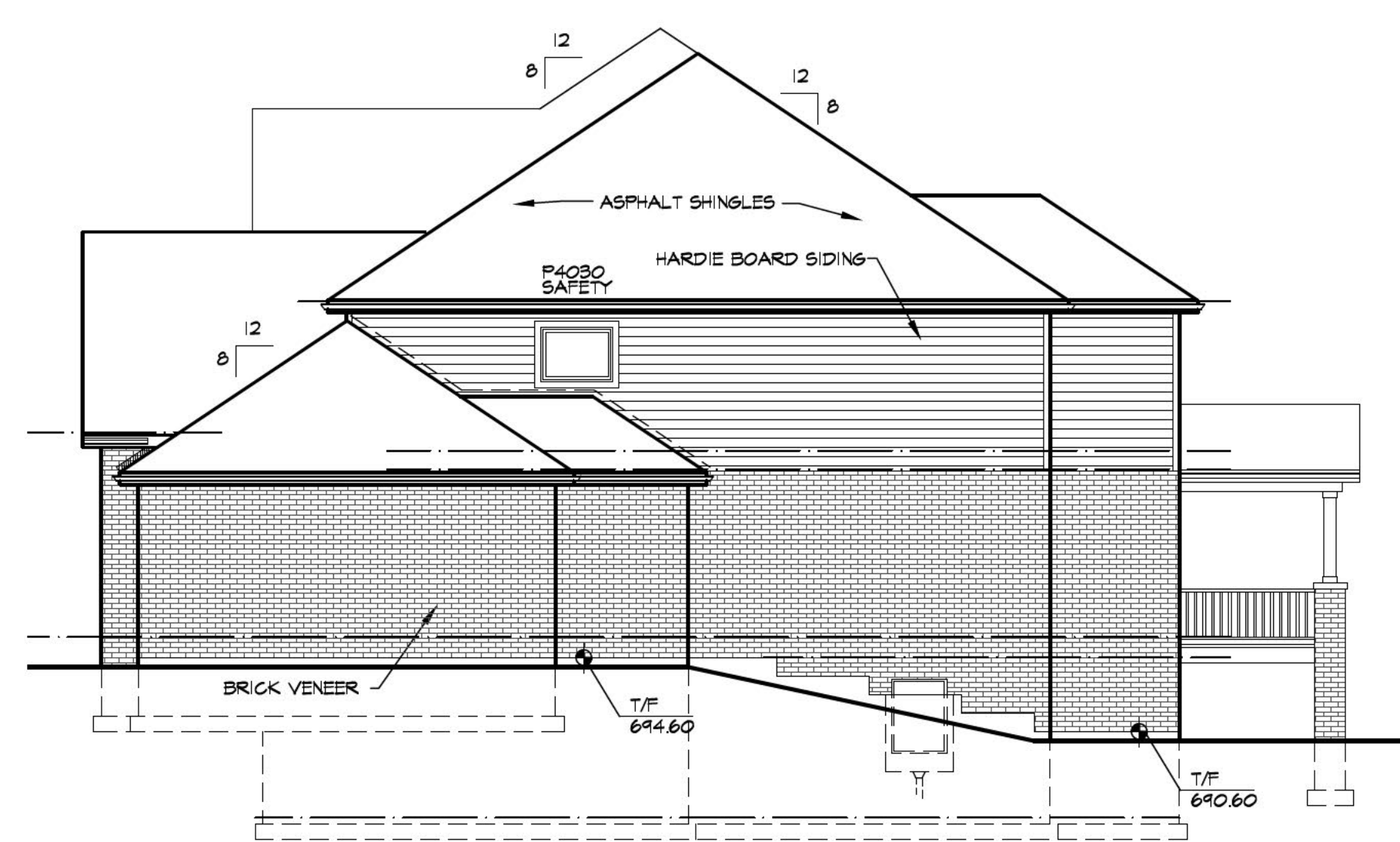
REAR ELEVATION

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



LEFT ELEVATION

SCALE: 1/8" = 1'-0"



RIGHT ELEVATION

SCALE: 1/8" = 1'-0"

A New Residence for
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REVISIONS:

TITLE:
ELEVATIONS

DRAWN: JK CHECKED: JK

DATE ISSUED:
10/15/25

PROJECT NUMBER:
2025-061

SHEET NUMBER:

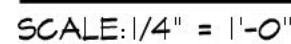
A-2

LONG LEG OF THE ANGLE SHALL BE PLACED IN A VERTICAL POSITION.

ALLOWABLE SPANS ARE AS FOLLOWS:		SPRUCE-PINE-FIR #2	HEM-FIR #2
CEILING JOISTS - 20lbs LIVE LOAD	2"x6"	2'x8"	2"x10"
	12'-0"	14'-4"	18'-4"
	12'-0"	16'-3"	19'-0"
2nd FLOOR FLOOR JOISTS - 30lbs LIVE LOAD			
1st FLOOR FLOOR JOISTS - 40lbs LIVE LOAD			

MICROLAM LVL AND PARALLAM PSL HEADERS AND BEAMS ARE MANUFACTURED BY "TRUS JOIST MAC MILLAN" OR APPROVED EQUAL.
ENGINEERED LUMBER SHALL NOT BE CUT, DRILLED, NOTCHED UNLESS SPECIFICALLY INCLUDED IN THE DESIGN

NOTE: ALL WINDOW SIZES SHOWN ARE DESIGNATED AS "ANDERSON" MANUFACTURED WINDOWS. IF A DIFFERENT MANUFACTURER IS TO BE USED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT ALL WINDOWS MEET NECESSARY LIGHT, VENT, SAFETY GLAZING, AND EGRESS REQUIREMENTS.



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REVISIONS:

TITLE:
FIRST FLOOR
PLAN

DRAWN: JK	CHECKED: JK
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DATE ISSUED:
10/15/25

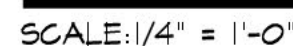
PROJECT NUMBER:
2025-061

SHEET NUMBER:

A-4

ENGINEERED LUMBER SHALL NOT BE CUT, DRILLED, NOTCHED UNLESS SPECIFICALLY INCLUDED IN THE DESIGN

USE	LL	DL
BALCONIES(EXTERIOR)	60	7
DECKS	60	7
ROOF RAFTERS	30	7
ROOF RAFTERS W/CATHEDRAL CEILING	30	15
ROOF RAFTERS(HEAVY ROOF)-EX. CLAY, TILE, CEMENT, SLATE	30	17
ATTICS(NO STORAGE WITH ROOF SLOPE NOT STEEPER THAN 3:12)	10	10
ATTICS(LIMITED ATTIC STORAGE)	20	10
FLOORS	40	10
FLOORS(SLEEPING ROOMS)	30	10
STAIRS	30	10
GUARDRAILS AND HANDRAILS (A SINGLE CONCENTRATED LOAD APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP)	200	
WALLS-STUD	10	
WALLS-BRICK(STD)	40	
PARTITIONS OR WALLS (INTERIOR), HORIZONTALLY	5	
FLEXICORE	100	



10. *Journal of the American Medical Association*, 2000; 284: 1039-1044.

LEGEND

730.00	- EXISTING SPOT ELEVATION	PXXX.X X	- PROPOSED SPOT ELEVATIONS
730----	- EXISTING GROUND CONTOUR		- PROPOSED CONCRETE
	- EXISTING STORM SEWER		- EXISTING CONCRETE
	- EXISTING SANITARY SEWER		
	- EXISTING STORM CATCH BASIN		
	- EXISTING CURB INLET		
	- EXISTING SANITARY MANHOLE		
	- PROPOSED FLOW DIRECTION ARROW		

ABBREVIATIONS

P.U. or P.U.E. - PUBLIC UTILITY EASEMENT
B.S.L. - BUILDING SETBACK LINE
D.E. - DRAINAGE EASEMENT
FGF - FINISH GARAGE FLOOR
T/F - TOP OF FOUNDATION

NOTES:

- Building setback line (BSL) and all easements shown taken from recorded plat of subdivision. No title search or survey.
- Proposed grades taken from approved Neighborhood Drainage Plan. FGF Finished Garage Floor) elevation and T/F (Top of Foundation) elevation taken from elevations indicated on Neighborhood Drainage Plan.
- Building footprint provided by others, and should be checked prior to construction.
- Building location should be established by measuring from surveyed property lines and checked by measuring distances to opposing property lines. Building setback line should be staked in the field to verify footprint location on the lot.
- Benchmark taken from previous plan/work completed in subdivision and should be verified for tying into grades indicated, such as spot checking top of curb elevations, adjacent foundation elevation, etc. prior to construction.
- No topographic survey of current ground grades or existing improvements in place has been completed and shall be the responsibility of the Owner to verify locations prior to starting construction.
- Any and all off-site disturbed areas are to be restored to existing conditions or better, if necessary.
- Prior to Excavation call Joint Utilities Location Information for Excavations "J.U.L.I.E." 1-800-892-0123
- All proposed top of window wells shall be set at T/F - 0.30', unless noted otherwise.
- Side slopes shall be 5:1 or flatter.
- The front building setback shall be a floating setback that varies from 25 feet to 40 feet unless otherwise shown hereon.

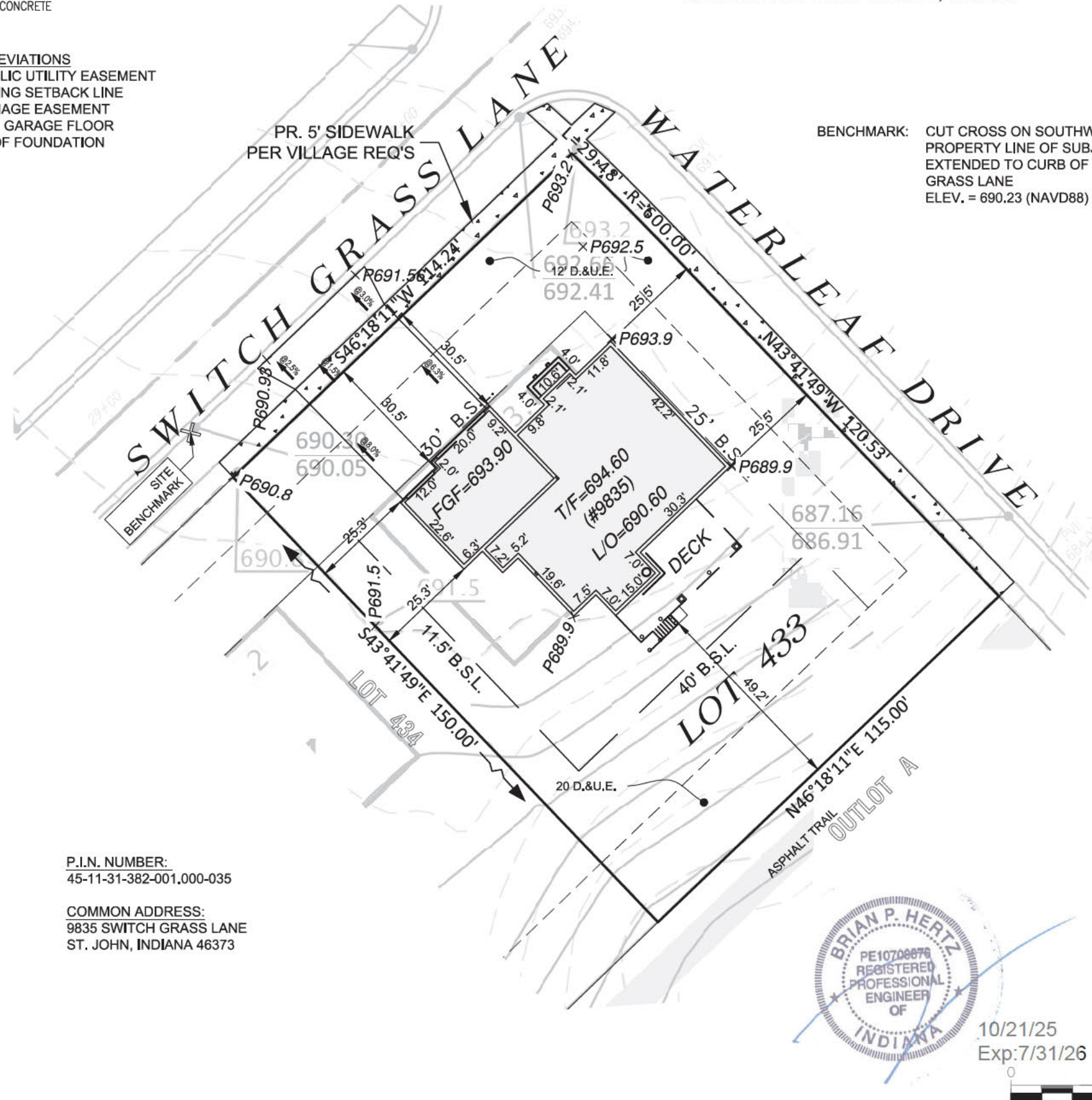
FLOOD ZONE CLASSIFICATION:

THE PROPERTY IS LOCATED IN FLOOD ZONE "X" AS PER THE CURRENT FLOOD INSURANCE RATE MAP FOR LAKE COUNTY, IN.
(MAP NO. 18089C0210E, EFFECTIVE JANUARY 18, 2012)

LAND DESCRIPTION

LOT 433 IN THE PRESERVE WEST UNIT 1, AS PER THEREOF, RECORDED IN PLAT BOOK 115, PAGE 69, IN THE OFFICE OF THE RECORDER OF LAKE COUNTY, INDIANA

BENCHMARK: CUT CROSS ON SOUTHWESTERLY PROPERTY LINE OF SUBJECT LOT EXTENDED TO CURB OF SWITCH GRASS LANE
ELEV. = 690.23 (NAVD88)



P.I.N. NUMBER:
45-11-31-382-001.000-035

COMMON ADDRESS:
9835 SWITCH GRASS LANE
ST. JOHN, INDIANA 46373



10/21/25
Exp: 7/31/26



PLAN	EDITION	MILESTONES
DATE	BY	DESCRIPTION
10/14/25	BPH	ISSUE FOR PERMIT REVIEW

DESIGN: BPH
DRAWING: JRH
CHECKED: BPH
APPROVED: BPH

LOT 433 IN PRESERVE WEST UNIT 1 ST. JOHN, INDIANA
--

DESIGN: BPH
DRAWING: JRH
CHECKED: BPH
APPROVED: BPH

LOT 433 IN PRESERVE WEST UNIT 1 ST. JOHN, INDIANA
SITE PLAN

SHEET NO. 1 OF 1

JOB NO. 25-249

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