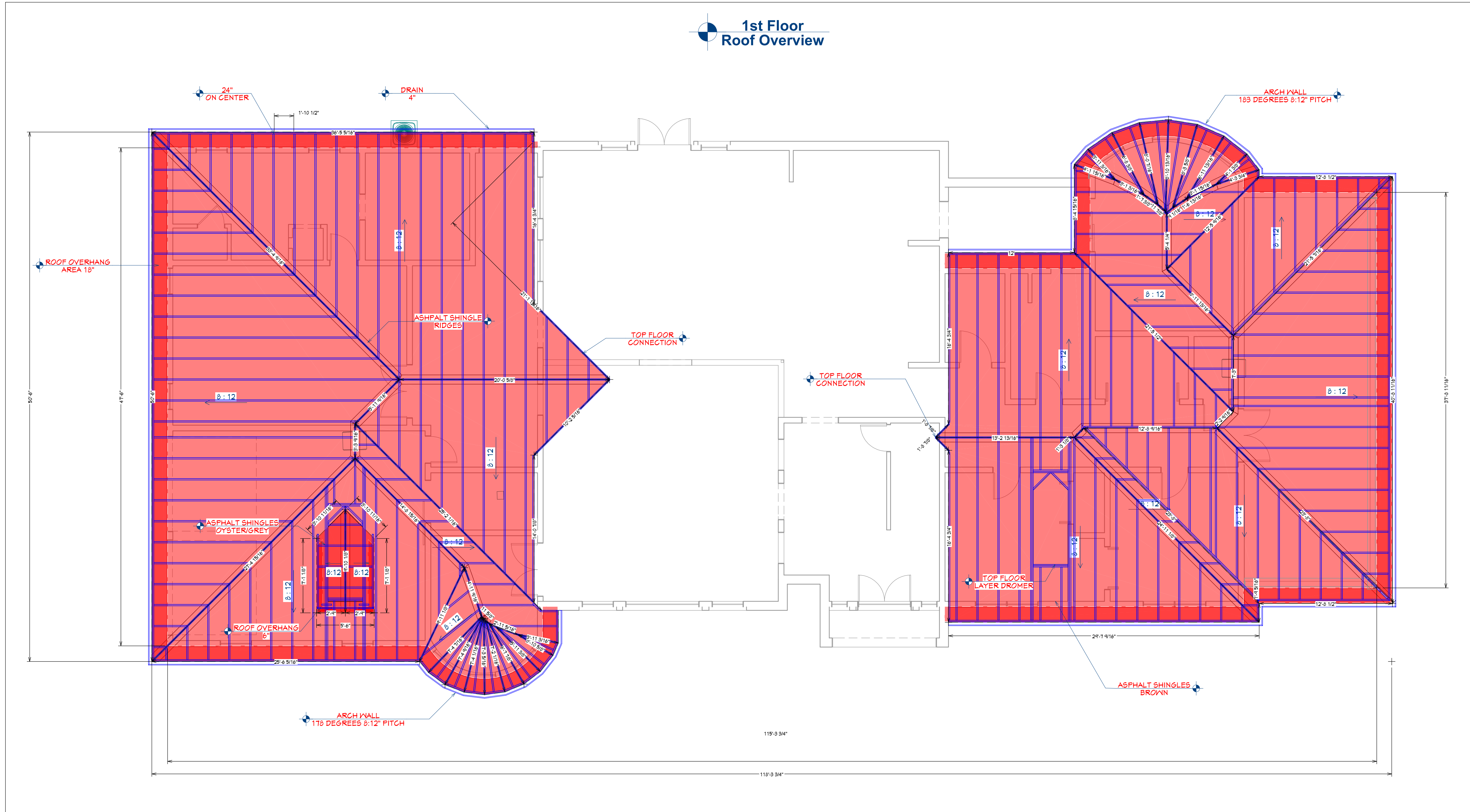


# Roof Construction Plan



## ROOF FRAMING / TRUSS NOTES:

TRUSS DRAWING IS FOR ILLUSTRATION ONLY. ALL TRUSSES SHALL BE INSTALLED & BRACED TO MANUFACTURERS DRAWINGS & SPECIFICATIONS.

ALL TRUSSES SHALL CARRY MANUFACTURERS STAMP.

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ALL TRUSSES SHALL HAVE DESIGN DETAILS & DRAWINGS ON SITE FOR FRAMING INSPECTION.

ALL CONNECTIONS OF RAFTERS, JACK OR HIP TRUSSES TO MAIN GIRDER TO BE PROVIDED BY TRUSS MANUFACTURER.

ALL ROOF FRAMING 24" O.C.

ALL OVERHANGS 18".

INSTALL POLYISOCYANURATE FOAM TYPE INSULATION AT FLOOR AND PLATE LINES. OPENINGS IN PLATES, CORNER STUD CAVITIES AND AROUND DOOR AND WINDOW ROUGH OPENING CAVITIES.

ATTIC VENTILATION: REQUIRED ABOVE HOUSE.

MIN. SNOW LOAD 50 LBS PER SQUARE FOOT.

WALL HEADERS: (2) 2 X 10 DF 2 TYP. UNO

ROOF & FLOOR TRUSS MANUFACTURER:

## NAILING NOTES: (PER IRC TABLE R602.3(1))

### JOIST TO SILL OR GIRDER

TOE NAIL (3)-8d

### BRIDGING TO JOIST

TOE NAIL EA. END (2)-8d

### SOLE PLATE TO JOIST OR BLK'G

FACE NAIL 16d @ 16" OC

### STUD TO SOLE PLATE

TOE NAIL (4)-8d, END NAIL (2) 16d

### TOP PLATE TO STUD

END NAIL (2)-16d

### DOUBLE STUDS

FACE NAIL 16d @ 24" OC

### DOUBLE TOP PLATES

FACE NAIL 16d @ 16" OC

### CONTINUOUS HEADER, TWO PIECES

@ 16" OC ALONG EA. EDGE

### BUILT-UP HEADER, TWO PIECES

W/ 1/2" SPACER

16d @ 16" OC ALONG EA. EDGE

### TOP PLATES, LAPS AND INTERSECTIONS

FACE NAIL (2)-16d

### CEILING JOISTS TO PLATE

TOE NAIL (3)-8d

### CONTINUOUS HEADER TO STUD

TOE NAIL (4)-8d

### CEILING JOISTS, LAPS OVER PARTITIONS

FACE NAIL (3)-10d

### CEILING JOISTS TO PARALLEL RAFTERS

FACE NAIL (3)-10d

### RAFTER TO PLATE

TOE NAIL (2)-16d

### 1" BRACE TO EACH STUD AND PLATE

FACE NAIL (2)-8d

### BUILT-UP CORNER STUDS

10d @ 24" OC

### 2" PLANKS

(2)-16d @ EA.BRG.

### 1/2" PLYWOOD ROOF AND WALL

EDGES 8d @ 6" OC

### SHEATHING

INTERMEDIATE 8d @ 12" OC

### 3/4" PLYWOOD SUBFLOOR

EDGES 8d @ 6" OC

### INTERMEDIATE 8d @ 12" OC

### 2x MULTIPLE JOISTS - STAGGER @ 15" OC

W/(2) @ EA. END OR SPLICE

(3) OR FEWER

16d NAILS

(4) OR MORE

1/2" DIA M.B. W/ STANDARD NUT AND WASHERS

## VENTILATION NOTES:

ALL COMBUSTION APPLIANCES WILL BE VENTED DIRECTLY TO THE EXTERIOR. FURNACE FIREBOX AND TANKLESS WATER HEATER SHALL HAVE OUTSIDE COMBUSTION AIR SUPPLY PURSUANT TO REGIONAL AND LOCAL CODES.

ATTIC SHALL HAVE VENTILATION EQUAL TO 1 SQ. FOOT PER 150 SQ. FEET OF ATTIC SPACE. VENTILATION SHALL BE PROTECTED FROM SNOW AND RAIN AND SHALL BE COVERED WITH GALVANIZED WIRE SCREEN. OPENINGS SHALL BE LOCATED TO PROVIDE CROSS VENTILATION.

EXHAUST ALL VENTS AND FANS DIRECTLY TO OUTSIDE VIA METAL DUCTS. PROVIDE 90 CFM (MIN) FANS TO PROVIDE 5 AIR CHANGES PER HOUR IN BATHS CONTAINING TUB AND / OR SHOWER AND IN LAUNDRY ROOMS.

GARAGES SHALL BE VENTED WITH 60 SQUARE INCHES LOCATED 6" ABOVE THE FLOOR SURFACE.

## LUMBER SPECIES:

1. POSTS, BEAMS, HEADERS, JOISTS, AND RAFTERS TO BE DF-#2.
2. EXPOSED ARCH BEAMS TO BE DF-#1 OR BETTER.
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## FLOOR AND ROOF NOTES:

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PROVIDE INSULATION BAFFLES AT EAVE VENTS BETWEEN RAFTERS.

SPECIFIC MANUFACTURES AND MODEL NUMBERS SHOWN ON THE PLANS ARE INDICATIONS OF QUALITY ONLY. THE OWNER/BUILDER SHALL NOT BE PROHIBITED FROM SUBSTITUTING MATERIALS AND/OR APPLIANCES OF EQUAL QUALITY/STRENGTHS FROM NON-SPECIFIED MANUFACTURERS.

THE OWNER/BUILDER SHALL NOT BE SUBSTITUTING MATERIALS PROVIDED THEY MEET CURRENT BLDG. CODE, AND ARE APPROVED FOR THAT SPECIFIC USE BY THE BUILDING OFFICIAL

## PROJECT INFORMATION

### PROPERTY OWNER:

### PROJECT LOCATION:

### LEGAL:

### FIRE DISTRICT: TBD

### WATER DISTRICT: TBD

### PERMITS: TBA

### DESIGNER: Jerod Williams

### CONTRACTOR: TBD

### ENGINEERING: Jerod Williams

BUILDING CONTRACTOR/HOME OWNER TO REVIEW AND VERIFY ALL DIMENSIONS, SPECS, AND CONNECTIONS BEFORE CONSTRUCTION BEGINS.

ELECTRICAL SYSTEM CODE: SEC.2701  
MECHANICAL SYSTEM CODE: SEC.2801  
PLUMBING SYSTEM CODE: SEC.2901

PROPERTY OWNER WILL TAKE NECESSARY PRECAUTIONS TO REMOVE OR RELOCATE ITEMS OF VALUE TO BE REUSED AND/ OR SAVED, OR IN ANY DANGER OF BEING DAMAGED DUE TO CONSTRUCTION PROCESS.

Approvals

Project Overview

DRAWINGS PROVIDED BY: Jerod Williams

Drawings Created For:

DATE:

7/16/2024

SCALE:

3/16"=1'

SHEET:

P-1



# Roof Construction Plan



REVISION TABLE	NUMBER	DATE	REVISED BY	DESCRIPTION

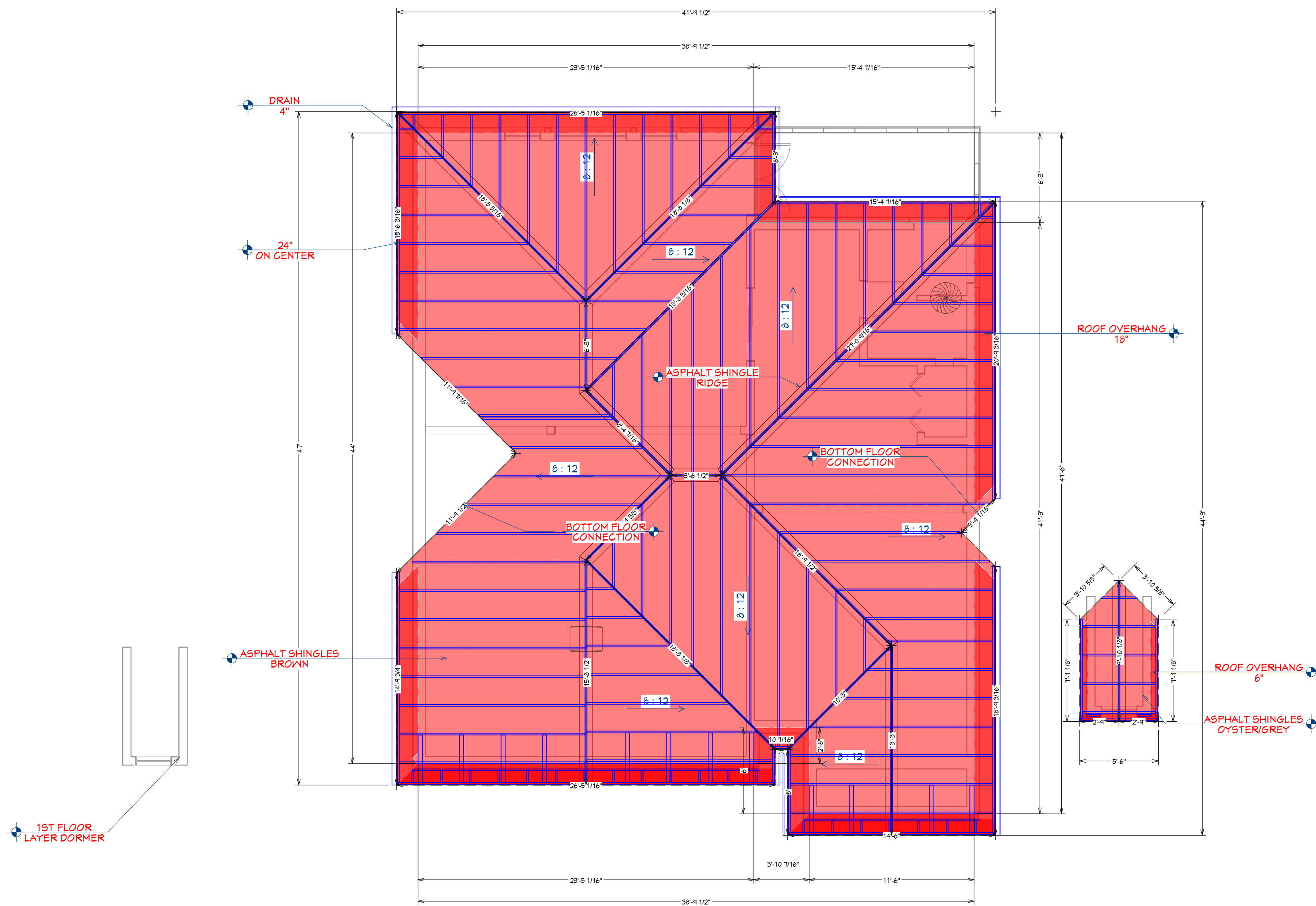
APPROVALS	NAME	TITLE	DATE

PROJECT OVERVIEW	PROJECT NAME	PROJECT ADDRESS	PROJECT PHONE	PROJECT EMAIL

DRAWINGS PROVIDED BY: Jerod Williams	DRAWING NUMBER	DATE	DESCRIPTION

DATE:	7/16/2024
SCALE:	3/16"=1'
SHEET:	P-2

## 2nd Floor Roof Overview



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