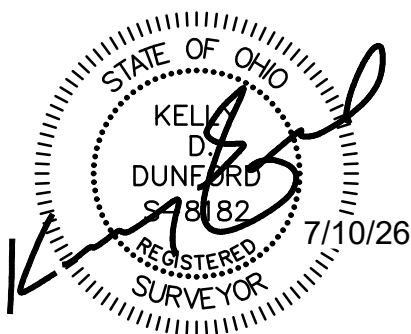




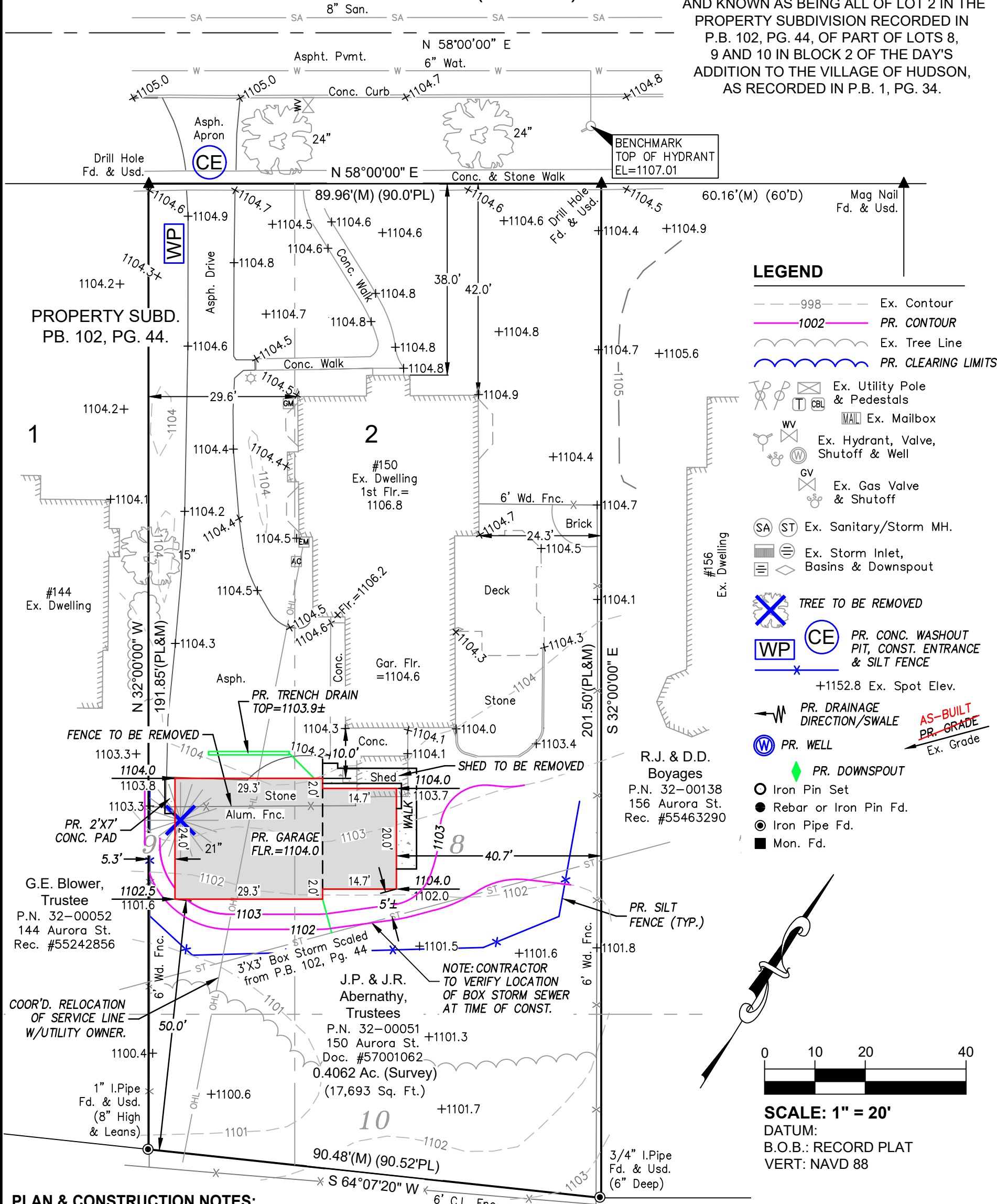
DATE OF SURVEY: MAR. 2026
REVISIONS:
Exist. Cond. Topo - 3/24/26
1.) Site Plan Update - 7/10/26



TOPOGRAPHIC SURVEY & SITE PLAN FOR ~ THE ABERNATHY RESIDENCE ~ 150 AURORA ST. HUDSON, OH 44236 P.N. 32-00051

SITUATED IN THE CITY OF HUDSON,
COUNTY OF SUMMIT AND STATE OF OHIO:
AND KNOWN AS BEING ALL OF LOT 2 IN THE
PROPERTY SUBDIVISION RECORDED IN
P.B. 102, PG. 44, OF PART OF LOTS 8,
9 AND 10 IN BLOCK 2 OF THE DAY'S
ADDITION TO THE VILLAGE OF HUDSON,
AS RECORDED IN P.B. 1, PG. 34.

AURORA STREET (60' R/W)



PLAN & CONSTRUCTION NOTES:

- Contractor must verify all foundation dimensions and proposed grades shown on this plan. Any errors resulting from failure to check or to notify the surveyor of any changes shall not be the responsibility of Apex Land Surveying.
- Contractor to notify utilities protection services/ O.U.P.S. prior to construction.
- Silt fence must surround all excavation areas so that no silt escapes site.
- All grades shall comply w/corresponding government office.
- Maintain positive yard drainage away from all existing and proposed structures and a minimum slope of 1% along all swales.
- Footer drain & downspouts are to be tied into the storm

- drain. Splash block are not permitted. Refer to house plans for downspout locations.
- All storm drains shall be installed with a minimum slope of 1%.
- The location of utilities shown hereon are based on observed evidence of above ground appurtenances ONLY. The location of these utilities may vary and are subject to field verification prior to construction. No other search for utilities was performed and additional utilities may be encountered.
- There was no search for easements of record, right-of-ways, restrictive covenants, encumbrances, ownership title evidence, or any other facts that a title search may disclose.



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www.apexlandsurveying.com

PROJ: 2026014



The Abernathy Residence

NEW CONSTRUCTION - DETACHED GARAGE

150 AURORA STREET - HUDSON, OHIO

DRAWING INDEX		
SHEET	DESCRIPTION	REVISION
G101	COVER SHEET	
G102	SPECIFICATIONS	
A101	FLOOR PLANS, FOUND. PLAN & ROOF PLAN	
A201	EXTERIOR ELEVATIONS & DETAILS	

GENERAL DISCLAIMER NOTES:

NOTE 1: SOJOURN ARCHITECTS LLC IS NOT A SURVEYING COMPANY. IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO RETAIN THE SERVICES OF A REGISTERED SURVEYOR OR ENGINEER TO COMPLETE AN ACCURATE SITE AND GRADING PLAN PRIOR TO THE COMPLETION OF THE "DESIGN PHASE". DURING THE DESIGN PROCESS ANY SITE STUDY DRAWN BY SOJOURN ARCHITECTS, LLC WILL BE USED TO DETERMINE AN ESTIMATED BUILDABLE AREA AND AT NO TIME IS SOJOURN ARCHITECTS, LLC RESPONSIBLE FOR THE LOCATION OF THE HOUSE ON THE LOT, ANY UTILITIES, BUILDING ELEVATIONS OR GRADING INFORMATION.

NOTE 2: SOJOURN ARCHITECTS, LLC IS NOT A MECHANICAL ENGINEER AND DOES NOT ALWAYS CONSULT WITH A MECHANICAL ENGINEER FOR MECHANICAL SCHEMATICS DRAWN BY SOJOURN ARCHITECTS, LLC. ALL HVAC, PLUMBING AND/OR ELECTRICAL SCHEMATICS DRAWN BY SOJOURN ARCHITECTS, LLC ARE SUGGESTED. IT WILL BE THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO HAVE ALL ACTUAL MECHANICAL SYSTEMS DESIGNED AND INSTALLED BY LICENSED MECHANICAL SPECIALISTS. SOJOURN ARCHITECTS, LLC ASSUMES NO RESPONSIBILITY FOR ANY MECHANICAL INSTALLATIONS AND/OR ISSUES RELATED TO THEIR INSTALLATION.

NOTE 3: SOJOURN ARCHITECTS, LLC IS NOT A TRUSS MANUFACTURER OR DESIGNER. ENGINEERED ROOF TRUSSES ARE THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER, LUMBER COMPANY AND TRUSS MANUFACTURER. TRUSS DESIGNED ROOF PLANS ARE TO BE REVIEWED BY THE TRUSS MANUFACTURER PRIOR TO PRINTING FINAL CONSTRUCTION SETS. DURING THIS REVIEW PROCESS IT WILL BE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER TO VERIFY THAT ALL PLATE HEIGHTS, HEEL HEIGHTS AND ROOF PITCHES WILL CREATE A BUILDABLE TRUSS PACKAGE. THE TRUSS MANUFACTURER IS ALSO RESPONSIBLE TO VERIFY, AND IF NECESSARY, ADJUST THE SIZE OF OR ADD ANY BEAM, POST OR HEADER THAT IS DIRECTLY EFFECTED OR REQUIRED TO CARRY THE ROOF LOADS. IN THIS EVENT, THE TRUSS MANUFACTURER, BUILDER AND/OR OWNER SHALL CONTACT SOJOURN ARCHITECTS, LLC TO UPDATE THE PLAN SET. IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO FIELD VERIFY ALL AS-BUILT DIMENSIONS OF FOUNDATION AND FRAMING PRIOR TO ORDERING TRUSSES. SOJOURN ARCHITECTS, LLC ASSUMES NO RESPONSIBILITY FOR TRUSSES ORDERED SOLELY FROM THIS SET OF CONSTRUCTION DOCUMENTS. SOJOURN ARCHITECTS, LLC ASSUMES NO RESPONSIBILITY FOR ANY CONSTRUCTION SCHEDULE CHANGES OR DELAYS DUE TO ANY ENGINEERED ROOF TRUSS ISSUES.

NOTE 4: THE BUILDER, SUB-CONTRACTORS AND / OR OWNER ARE RESPONSIBLE TO VERIFY THAT ALL THE BUILT STRUCTURE MATCHES THE PLANS AND SPECIFICATIONS. SOJOURN ARCHITECTS, LLC IS NOT RESPONSIBLE FOR STRUCTURAL OR NON STRUCTURAL ISSUES RELATED TO SOIL CONDITIONS.

NOTE 5: ALL WINDOWS ON PLANS ARE DRAWN IN NOMINAL INCH SIZES. IT IS THE RESPONSIBILITY OF THE BUILDER, WINDOW SALES REPRESENTATIVE AND / OR OWNER TO VERIFY WINDOW MANUFACTURER'S CUT SHEET MATCHES THE FLOOR PLANS AND EXTERIOR ELEVATION DRAWINGS. WINDOW VENDOR TO CONTACT ARCHITECT IF ANY DISCREPANCIES.

NOTE 6: ANY DESIGN, PLAN FLIP, SITE STUDY, MECHANICAL OR TRUSS RELATED CHANGES AND/OR ISSUES BROUGHT TO SOJOURN ARCHITECTS, LLC AFTER THE PRINTING OF FINAL CONSTRUCTION SETS WILL BE CONSIDERED A CHANGE ORDER TO THE DRAWINGS.



PROJECT DESCRIPTION:

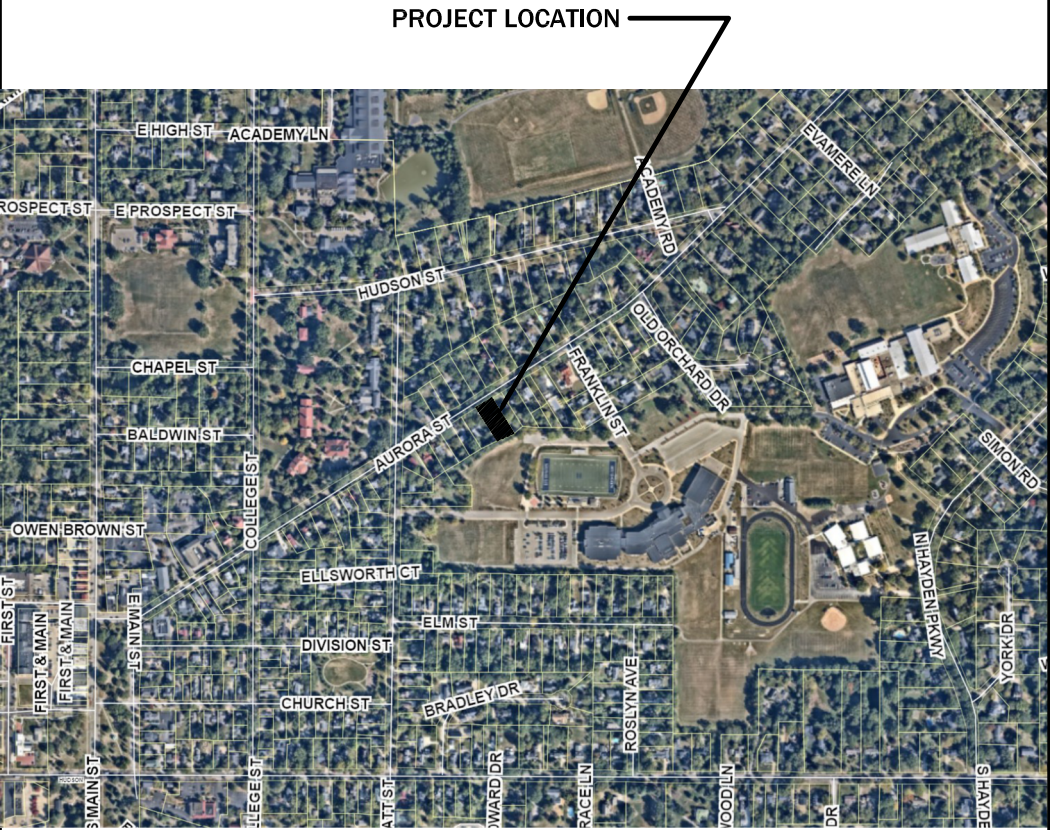
SCOPE OF WORK: NEW DETACHED GARAGE STRUCTURE WITH STORAGE ABOVE AND BONUS ROOM ON GROUND LEVEL.

SQUARE FOOTAGE TABLE:

TOTAL FOOTPRINT:	997.33	SF
FIRST FLOOR:	997.33	SF
SECOND FLOOR:	400.77	SF
TOTAL SF:	1398.10	SF

BUILDING CODES

2019 Residential Code of Ohio (RCO)
2023 National Electric Code (NEC)
2017 Ohio Mechanical Code (OMC)
2017 Ohio Plumbing Code (OPC)
2018 International Energy Conservation Code (IECC)



NOT FOR CONSTRUCTION

DESIGN CRITERIA:			
DEAD:		SNOW:	
FLOORS:	15 PSF	GROUND SNOW:	20 PSF
CEILING ASSEMBLY:	5 PSF	ROOF SNOW:	20 PSF
ROOF ASSEMBLY:	15 PSF		
WALLS:	120 PLF	WIND:	
LIVE:		WIND SPEED IS REPORTED AS 3-SEC GUST W/ 7% PROBABILITY OF EXCEEDENCE IN 50 YEARS.	
FLOOR (OTHER):	40 PSF	WIND SPEED:	115 MPH
FLOOR (SLEEPING):	30 PSF	EXPOSURE CATEGORY:	B
CEILING ASSEMBLY:	10 PSF		
ROOF ASSEMBLY:	20 PSF		

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA (301.2)
301.3 ALLOWABLE STORY HEIGHT: (AS PERMITTED BY SECTION 611 TABLES PLUS FLOOR FRAMING HEIGHT)
301.4 DEAD LOADS: THE ACTUAL WEIGHTS OF MATERIALS AND CONSTRUCTION SHALL BE USED FOR DETERMINING DEAD LOAD WITH CONSIDERATION FOR THE DEAD LOAD OF FIXED SERVICE EQUIPMENT.

LIVE LOADS (301.5):
ATTICS WITHOUT STORAGE: 20 PSF
BALCONIES (EXTERIOR) AND DECKS: 60 PSF
ROOMS OTHER THAN SLEEPING ROOM: 40 PSF
SLEEPING ROOMS: 30 PSF
STAIRS: 40 PSF

ROOF LOADS (301.6)
SLOPES UP TO 12:12: 16 PSF
SLOPES @ 12:12: 12 PSF

ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS:
RAFTERS HAVING SLOPES GREATER THAN 3:12 WITH NO FINISHED CEILING ATTACHED TO RAFTERS:
INTERIOR WALLS AND PARTITIONS: L/180
FLOORS AND PLASTERED CEILINGS: L/360
ALL OTHER STRUCTURAL MEMBERS: L/240
EXTERIOR WALLS - WIND LOADS WITH FLEXIBLE FINISHES: L/120
LINTELS SUPPORTING MASONRY VENEER WALLS: L/600

Climatic Zone (N1101.7): 5

INTERIOR DESIGN CONDITIONS (N1101.9):
COOLING LOAD: MAX 72 DEG F
HEATING LOAD: MIN 75 DEG F

PRESCRIPTIVE DESIGN FOR NEW BUILDINGS (TABLE N1102.1.2):
FENESTRATION U-FACTOR: 0.30
SKYLIGHT U-FACTOR: 0.55
GLAZED FENESTRATION SHGC: NR
CEILING R-VALUE: 49
WOOD FRAME R-VALUE: R20 OR R-13 + R-5CI
STAIRS: R-30 OR ENOUGH TO FILL THE CAVITY, BUT NOT LESS THAN R-19
BASEMENT: R-10CI OR R-13 BATT
SLAB R-VALUE & DEPTH: R-20, 2 FEET
CRAWL SPACE WALL: R-10CI OR R-13 BATT

PRESCRIPTIVE DESIGN FOR EXISTING BUILDINGS (TABLE N1107.4.1):
FENESTRATION U-FACTOR: 0.35
SKYLIGHT U-FACTOR: 0.60
GLAZED FENESTRATION SHGC: NR
CEILING R-VALUE: 38
WOOD FRAME R-VALUE: R20 OR R-13 + R-5CI
STAIRS: R-30 OR ENOUGH TO FILL THE CAVITY, BUT NOT LESS THAN R-19
BASEMENT: R-10CI OR R-13 BATT
SLAB R-VALUE & DEPTH: R-20, 2 FEET
CRAWL SPACE WALL: R-10CI OR R-13 BATT

FOUNDATION NOTES

FOUNDATION DESIGN IS BASED ON SOIL BEARING CAPACITY 2,500 P.S.F., TO BE VERIFIED IN FIELD BY TESTING AGENCY, PRIOR TO PLACING FOUNDATIONS.

WALLS ARE DESIGNED FOR AN EQUIVALENT FLUID PRESSURE OF 55 pcF. IT IS THE RESPONSIBILITY OF THE BUILDER AND/ OR OWNER TO DETERMINE THAT THE SOIL IS ADEQUATE TO SUPPORT THIS BUILDING ON THE FOUNDATION AND THE WALLS SHOWN, AND ALSO, DETERMINING THAT THE TOTAL AND DIFFERENTIAL SETTLEMENTS OF THE FOUNDATIONS ARE WITH IN THE TOLERABLE LIMITS OF THIS STRUCTURE AND THAT 55 pcF IS THE CORRECT WALL LOADING. BUILDER AND/ OR OWNER TO OBTAIN THE SERVICES OF A SOILS ENGINEERING FRM TO DETERMINE THE SUITABILITY OF THE FOUNDATIONS AND THE WALLS SHOWN ON THESE DRAWINGS TO SAFELY SUPPORT THE STRUCTURE WITH NO DETRIMENTAL EFFECT TO THE BUILDING.

ASSUMED BEARING PRESSURE SHALL BE CONFIRMED BEFORE ANY FOUNDATIONS ARE CONCRETED.

NOTIFY ARCHITECT OF UNUSUAL SOIL CONDITION BEFORE PROCEEDING WITH WORK.

FOOTING ELEVATIONS SHOWN ON PLAN ARE TO TOP OF FOOTING.

PLACE FOOTINGS AT ELEVATIONS SHOWN OR TO UNDISTURBED SOIL OF DESIGN CAPACITY WHICHEVER IS LOWER.

FOOTING DEPTHS SHOWN ARE MINIMUM. ALL FOOTINGS SHALL BEAR ON FIRM UNDISTURBED EARTH, AT LEAST 3'-6" BELOW FINISH GRADE.

FOOTING EXCAVATIONS TO HAVE FLAT BOTTOMS WITH BEARING SURFACES UNDISTURBED BY METHOD OF EXCAVATION AND PROTECTED FROM WATER ACCUMULATION AND FREEZING.

FOOTING STEPS MAY BE 1 VERTICAL TO 2 HORIZONTAL WITH A MAXIMUM STEP OF 2 FEET.

DO NOT BACKFILL AGAINST BASEMENT WALLS UNTIL FIRST FLOOR DECK IS IN PLACE AND ABLE TO RESIST THE IMPOSED FORCES.

A MORE ELABORATE FOUNDATION AND OR WATERPROOFING/ DAMPPROOFING SYSTEM MAY BE REQUIRED. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS.

FOUNDATION WALLS SHALL BE BACK FILLED WITH FREE DRAINING GRANULAR MATERIALS #57 STONE.

REMOVE ALL MAN-MADE FILL AND RUBBLE FROM THE BUILDING SITE.

CAST-IN-PLACE CONCRETE
ALL CONCRETE WORK SHALL CONFORM WITH THE REQUIREMENTS OF ACI-318 & ACI-301, LATEST EDITION.

ALL CONCRETE SHALL COMPLY WITH ACI 318-08: "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" AND ACI 318-03: "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 psi. ALL EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED PER RCO SECTION 402.2.

CAST-IN-PLACE CONCRETE WORK SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE CODES AND STANDARDS, EXCEPT AS MODIFIED ON THE DRAWINGS.

ADMIXTURES:
A. USE AN APPROVED WATER REDUCING AGENT FOR ALL CONCRETE EXCEPT FOOTINGS.
B. USE AN APPROVED 2ND AND 3RD GENERATION HIGH RANGE WATER REDUCER (WRWR) FOR ALL SLABS ON GRADE.
C. USE AN APPROVED AIR ENTRAINING AGENT FOR ALL CONCRETE EXPOSED TO WEATHER, USE 6% ENTRAINED AIR.
D. THE USE OF CALCIUM CHLORIDE OR ADMIXTURES CONTAINING CHLORIDES IS PROHIBITED.
E. USE CRYSTALLINE WATERPROOFING FOR ALL CONCRETE WALLS BELOW GRADE.

CURING COMPOUND: USE AN APPROVED CURING COMPOUND ON ALL FLAT SURFACES.

REINFORCING BARS: ASTM A185

REINFORCING STEEL:
A. REINFORCING BARS #4 AND LARGER PER ASTM A615, GRADE 60.
B. LAP REINFORCEMENT 36 DIAMETERS UNLESS OTHERWISE NOTED.

PROTECTION TO REINFORCEMENT: AGAINST SOIL - 3" EXPOSED CONCRETE - 2"

CONCRETE SLAB ON GRADE SHALL BE PLACED ON 4" MINIMUM COMPACTED GRANULAR SUB-DRAINAGE MATERIAL OVER 6 MIL. VAPOR BARRIER PLACED ON BEARING SOIL.

UNVENTED CRAWL SPACES ARE TO HAVE A CONTINUOUS CLASS I VAPOR RETARDER. JOINTS OF THE VAPOR RETARDER SHALL OVERLAP BY 6 INCHES AND SHALL BE SEALED OR TAPED. THE EDGES OF THE VAPOR RETARDER SHALL EXTEND NOT LESS THAN 6 INCHES UP THE STEM WALL AND SHALL BE ATTACHED AND SEALED TO THE STEM WALL OR INSULATION.

LOCATION	STRENGTH	SLUMP	REMARKS
SPREAD & WALL FOOTINGS	3000 PSI	4" +/- 1"	-
SLABS ON GRADE	4000 PSI	2"-6" / HRWR	-
MUD MAT	2000 PSI	4" +/- 1"	-
CONCRETE FILL FOR BLOCK	3000 PSI	8" +/- 1"	3/8" MAX. AGG.
LINTEL BEAMS	4000 PSI	4" +/- 1"	-

ANCHORS TO BE:
A. NELSON FLUXED, HEADED ANCHOR STUDS (NS) OR DEFORMED BAR ANCHORS (DBA).
B. REBAR PER ASTM 615, GRADE 40
C. "SIMPSONS" STRONG-TIE CONNECTORS

PROVIDE 6X6-W1.4XW1.4 WELDED WIRE FABRIC IN ALL SLABS ON GRADE, UNLESS OTHERWISE NOTED.

PROVIDE CONTROL JOINTS IN ALL SIDEWALKS SPACING EQUAL TO THE WIDTH OF THE WALK.

STRUCTURAL STEEL

STRUCTURAL STEEL SHALL BE NEW AND TO CONFORM TO AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS." LATEST EDITION.

ALL STEEL BEAMS AND COLUMNS ARE DESIGNED FOR A36 GR. 36 STEEL. ANCHOR BOLTS SHALL CONFORM TO ASTM A307-07b. ALL REINFORCING STEEL SHALL BE GRADE 60. FOR ALL STEEL COLUMNS, BEARING PLATES AND ANCHOR BOLTS BELOW GRADE, ENCASE WITH A MINIMUM OF 3" CONCRETE COVER.

BOLTS PER ASTM A325, BEARING TYPE CONNECTIONS.

ANCHOR BOLTS INTO CONCRETE OR MASONRY TO BE PER ASTM A307 OR ASTM A36. USE WITH HEAVY DUTY PLATE WASHERS

ALL STEEL TO BE PER ASTM A36

ALL STRUCTURAL STEEL DETAILS AND CONNECTIONS SHALL CONFORM TO THE STANDARDS OF AISC.

STEEL COLUMNS AND BEAMS IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE SHOP COATED WITH A RUST-INHIBITIVE PAINT, EXCEPT FOR LINTELS MADE OF CORROSION-RESISTANT STEEL OR STEEL TREATED WITH COATINGS TO PROVIDE CORROSION RESISTANCE.

LINTELS
A. THE LINTELS SHALL HAVE A LENGTH OF BEARING NOT LESS THAN 4 INCHES.
B. STEEL LINTELS SHALL BE SHOP COATED WITH A RUST-INHIBITIVE PAINT, EXCEPT FOR LINTELS MADE OF CORROSION-RESISTANT STEEL OR STEEL TREATED WITH COATINGS TO PROVIDE CORROSION RESISTANCE.

STRUCT. WOOD CONSTRUCTION

STRUCTURAL SAWN LUMBER:
A. SIZES 2" THICK X 5" AND WIDER SHALL BE SPRUCE PINE-FIR #2 OR BETTER PER LATEST EDITION OF NATIONAL DESIGN SPECIFICATION SUPPLEMENT MAXIMUM 19% MOISTURE CONTENT
B. ALLOWABLE STRESSES FOR SAWN LUMBER SHALL BE IN ACCORDANCE WITH THE EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION PLUS SUPPLEMENT," DESIGN VALUES FOR WOOD CONSTRUCTION" BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.

EXTERIOR WALLS & ROOF SHALL BE CONTINUOUSLY SHEATHED WITH MIN. 7/16" OSB OR PLYWOOD PER SECTION 602.10. NAILED W/ 8d NAILS AT 6" o.c. AT ALL PANEL EDGES AND 12" o.c. AT INTERMEDIATE SUPPORTS

DETAIL, FABRICATE AND ERECT STRUCTURAL WOOD IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF TIMBER

CONSTRUCTION STANDARDS AND SPECIFICATIONS, THE PROJECT MANUAL AND THESE DRAWINGS.

ALL LUMBER CONNECTORS SHALL HAVE ICC APPROVAL.

ENGINEERED STRUCTURAL WOOD PRODUCTS (I.E. LVL, PSL) SHALL BE SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION AND SHALL HAVE THE FOLLOWING MINIMUM STRUCTURAL PROPERTIES:

LVL BEAMS & HEADERS	
PRODUCT:	WEYERHAEUSER MCROLLAM 2.0E OR EQUAL
FLEXURAL STRESS (FB):	2,800 PSI
MODULUS OF ELASTICITY (E):	2,000 KSI
FC:	2,635 PSI
FC (PERPENDICULAR):	750 PSI
FV:	285 PSI

A. MULTIPLE MEMBERS SHALL BE FASTENED TOGETHER WITH 16D NAILS AT 12 INCHES O.C. ALONG THE TOP AND BOTTOM EDGES. ALL MULTIPLE MEMBERS, (3) THREE OR MORE, SHALL BE BOLTED PER MANUFACTURERS REQUIREMENTS.
B. FOLLOW MANUFACTURERS STANDARD DETAILS
C. LAMINATED VENEER LUMBER MEMBERS DESIGNATED LVL ON PLAN

ALL WOOD USED FOR SILL PLATES, DECKS, AND RAILINGS SHALL BE TREATED LUMBER.

ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE TREATED.

ALL SILL PLATES SHALL BE FULL WIDTH OF CONCRETE FOUNDATION OR WALL.

REPAIR/REPLACE ALL FRAMING DAMAGED BY MECHANICAL SYSTEMS.

ALL WOOD PLATES SHALL BE ANCHORED TO MASONRY FOUNDATION WALL WITH 1/2" DIA X 16" LONG ANCHOR BOLTS 6'-0" O.C. MAXIMUM AND 12" FROM ALL CORNERS AND ENDS OF PLATES - MINIMUM.

ALL FABRICATION AND ERECTION PER NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION

DO NOT DRILL OVERSIZE HOLE FOR MISFITS WITHOUT ARCHITECT'S APPROVAL.

ALL LUMBER SHALL BE STAMPED WITH THE GRADE MARK OF AN APPROVED TESTING AGENCY.

ALL WINDOW AND DOOR HEADERS IN WOOD FRAMED WALLS TO BE 2-X10'S S W/1/2" PLYWOOD SHIM. UNLESS OTHERWISE NOTED

ALL JACKS SHALL BE BLOCKED BELOW THE DECK.

ALL PARTITIONS OVER 10'-0" HIGH SHALL BE FRAMED @ 12" O.C.

PROVIDE 3-2X4 STRUCTURAL COLUMN @ WOOD BEAM BEARING POINTS, U.N.O.

PROVIDE 2X6 TOP PLATE ON ALL STEEL BEAMS - STAGGER BOLT @ 24" O.C. W/ 3/8" BOLTS.

PROVIDE GALVANIZED JOIST HANGERS @ ALL FLUSH BEAMS.

PROVIDE 1/2" PAINTED TREATED SHEATHING AT ALL JOIST OVERHANGS.

PROVIDE FIRESTOPPING AT ALL SOFFITS AND FURRED OFF SPACES.

ALL HEADERS SHALL BE FREE FROM SPLITS, CHECKS & SHAKES.

PROVIDE DOUBLE HEADER JOIST & TRIMMER AT ALL FLOOR OPENINGS.

PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS.

PROVIDE 1"X3" "X" BRIDGING @ 6'-0" O.C.

FASTENERS TO BE PER SCHEDULE 602.3(1).

(IF INCLUDED IN PROJECT) WOOD STRUCTURAL PANELS SHALL CONFORM TO DOC PS 1 OR DOC PS 2 OR, WHEN MANUFACTURED IN CANADA, CSA 0437 OR CSA 0325. ALL PANELS SHALL BE IDENTIFIED BY A GRADE MARK OR CERTIFICATE OF INSPECTION ISSUED BY AN APPROVED AGENCY.

(IF INCLUDED IN PROJECT) INSULATED STRUCTURAL PANELS TO COMPLY WITH MANUFACTURER SPECIFICATIONS. FASTENERS ARE TO BE SCREWS AS RECOMMENDED BY MANUFACTURER.

LIVE LOADS

PROVIDE 1/2" REGULAR GYPSUM BOARD THROUGHOUT ENTIRE STRUCTURE EXCEPT AS NOTED.

PROVIDE 5/8" TYPE "X" FIRE CODE GYPSUM BOARD THROUGHOUT GARAGE & WALLS COMMON TO HOUSE IN GARAGE ATTIC. PROVIDE 5/8" GYPSUM BOARD ON ALL ATTIC ACCESS PANELS.

PROVIDE WATER-RESISTANT GYPSUM BOARD IN ALL BATH & TOILET AREAS.

USE 5/8" GYPSUM BOARD ON CEILINGS WHEN SUPPORTING MEMBERS EXCEED 24" O.C.

TRUSSES:

ALL TRUSSES ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER WITH DETAILED DRAWINGS DESCRIBING TRUSS LAYOUTS AND LOAD CALCULATIONS USED TO DESIGN THE TRUSSES. IT IS THE BUILDER AND/ OR OWNERS RESPONSIBILITY TO SUPPLY ANY/ OR ALL OF THIS INFORMATION IF REQUESTED BY THE BUILDING DEPARTMENT TO ISSUE BUILDING PERMITS.

GYPSUM BOARD

PROVIDE 1/2" REGULAR GYPSUM BOARD THROUGHOUT ENTIRE STRUCTURE EXCEPT AS NOTED.

PROVIDE 5/8" TYPE "X" FIRE CODE GYPSUM BOARD THROUGHOUT GARAGE & WALLS COMMON TO HOUSE IN GARAGE ATTIC. PROVIDE 5/8" GYPSUM BOARD ON ALL ATTIC ACCESS PANELS.

PROVIDE WATER-RESISTANT GYPSUM BOARD IN ALL BATH & TOILET AREAS.

USE 5/8" GYPSUM BOARD ON CEILINGS WHEN SUPPORTING MEMBERS EXCEED 24" O.C.

INSULATION

INSULATION SHALL BE INSTALLED AND ALSO COMPLY WITH ALL MINIMUM ORDINANCES SET FORTH THE BY THE LOCAL GOVERNING BUILDING AND ZONING DEPARTMENTS. REFER TO THE TYPICAL WALL SECTION FOR R-VALUES AND LOCATIONS.

MINIMUM R-VALUES
EXTERIOR STUD WALLS.....R-20 OR R-13 BATT + R5 CI
FLAT CEILINGS.....R-49 IN NEW CONSTRUCTION, R-38 IN EXISTING CONSTRUCTION
CATHEDRAL CEILINGS.....R-21

PROVIDE VENTILATION BAFFLES @ ALL RAFTER SPACES.

CAULK ALL OPENINGS IN EXTERIOR WALLS.

FOAM ALL OPENINGS IN TOP PLATES.

ROOFING

PROVIDE ICE & WATER SHIELD AT ALL EAVES, HIPS, VALLEYS AND RIDGES.

ROOF SHEATHING TO BE 1/2" PLYWOOD WITH 32/16 SPAN RATING. FASTEN WITH 8D NAILS. 6" O.C. AT EDGES AND 12" O.C. INTERMEDIATE.

ROOF SHINGLES TO BE 50 YEAR, DIMENSIONS SHINGLES. ROOF SHINGLES SHALL BE APPLIED OVER A MINIMUM OF ONE PLY OF #15 FELT. FELT SHALL BE LAID PARALLEL TO THE EAVES, WITH A 2" TOP LAP AND 4" END LAP. FOR A ROOF WITH A 4/12 OR LESS PITCH REFER TO RCO SECTION 905.2.

CONTINUOUS AIR FLOW REQUIRED BETWEEN THE SOFFITS AND THE RIDGE.
- PROVIDE CONTINUOUS RIDGE VENT AT ALL ROOF RIDGES.
- ALL EAVE SOFFITS TO BE VENTED.
- PROVIDE BAFFLES WHERE ATTIC INSULATION MEETS ROOF SHEATHING.

ATTICS:

ALL ENCLOSED ATTICS AND RAFTER SPACES SHALL HAVE CROSS VENTILATION WITH THE NET FREE VENTILATING AREA NOT LESS THAN 1/300 OF THE AREA TO BE VENTILATED. ALL OPENINGS SHALL BE PROTECTED AGAINST THE ENTRANCE OF SNOW AND RAIN.

WINDOWS & DOORS:

PROVIDE EXTERIOR WINDOWS AND DOORS SHOP DRAWINGS AND OR LISTS FOR ARCHITECTS REVIEW AND APPROVAL. ARCHITECT SHALL NOT BE RESPONSIBLE FOR WINDOWS OR DOORS ORDERED WITHOUT SHOP DRAWING APPROVAL.

INTERIOR FINISHES

TO BE COORDINATED WITH THE BUILDERS STANDARDS.

FLAME SPREAD INDEX TO BE LESS THAN 200

SMOKE DEVELOPING INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH ASTM E84

CABINETS & KITCHEN EQUIPMENT

TO BE COORDINATED WITH THE BUILDERS STANDARDS & KITCHEN MANUFACTURER/ DESIGNER/ SUPPLIER LAYOUT.

COORDINATE APPLIANCE ELECTRICAL REQUIREMENTS PRIOR TO CABINET INSTALLATION.

MECHANICAL

ALL MECHANICAL WORK MUST BE PERFORMED BY A LICENSED, BONDED AND INSURED MECHANICAL CONTRACTOR

MECHANICAL CONTRACTOR TO PROVIDE MANUAL J CALCULATIONS OR EQUIVALENT.

MECHANICAL CONTRACTOR TO PROVIDE DUCTWORK SCHEMATIC. IDENTIFY MODIFICATIONS REQUIRED TO FRAMING.

MECHANICAL SYSTEM TO BE DIRECT VENT, HIGH EFFICIENCY, FORCED AIR.

WATER HEATER TO BE TANKLESS, DIRECT VENT.

BOD: RHEEM CONDENSING TANKLESS RTGH-C95DVL-CM95DVL

VERIFY ALL MECHANICAL REQUIREMENTS BEFORE FRAMING.

RETURNS COMPLETE SYSTEM W/ PANS BETWEEN JOIST AND STUDS.

S.A. ROUNDS FEED TO ROOMS W/ DAMPERS.

SUPPLY AND RETURN REGISTERS SHOWN ON PLANS ARE FOR BASIC REFERENCE. MECHANICAL CONTRACTOR TO DETERMINE APPROPRIATE SIZE AND LOCATION BASED ON MANUAL J CALCULATIONS.

PLUMBING

ALL PLUMBING WORK MUST BE PERFORMED BY A LICENSED, BONDED AND INSURED PLUMBING CONTRACTOR.

ALL PLUMBING WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL PLUMBING CODE AND LOCAL ORDINANCES.

SMOKE AND CARBON DETECTORS

ALL SMOKE & CARBON DETECTORS SHALL BE HARDWIRED & INTERCONNECTED WITH A BATTERY BACK-UP. THEY SHALL BE INSTALLED IN EACH SLEEPING ROOM, OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS AND ON EACH ADDITIONAL STORY OF THE BUILDING PER RCO SECTIONS 314.3 AND 315.1.

FIRESTOPPING

SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS: CONCEALED SPACES OF STUD WALLS AND PARTITIONS AT THE CEILING AND FLOOR, OR ROOF LEVELS. AT ALL INTERCONNECTIONS BETWEEN VERTICAL AND HORIZONTAL SPACES SUCH AS OCCURS AT SOFFITS OVER CABINETS, DROP CEILINGS, ETC. ALSO AROUND VENTS, PIPES, AND CHIMNEYS AT CEILING AND FLOOR LEVELS, WITH NONCOMBUSTIBLE MATERIALS.

FIREPLACES

ALL CHIMNEYS AND FIREPLACES SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF 2019 RCO AND INSTALLED PER THE ORDINANCES SET FORTH THE BY THE LOCAL GOVERNING BUILDING AND ZONING DEPARTMENTS. IT IS THE RESPONSIBILITY OF THE BUILDER AND/ OR OWNER TO VERIFY THE ROUGH-OPENING DIMENSIONS FOR ALL PRE-FAB FIREPLACES WITH THE ACTUAL UNIT TO BE INSTALLED, PRIOR TO FRAMING.

RADON

IT IS THE RESPONSIBILITY OF THE BUILDER AND/ OR OWNER TO PROVIDE PROPER RADON MITIGATION AS DEEMED NECESSARY TO MEET ADEQUATE LEVEL PROVIDED BY UNITED STATES ENVIRONMENTAL PROTECTION AGENCY.

ELECTRICAL

ALL ELECTRICAL WORK MUST BE PERFORMED BY A LICENSED, BONDED AND INSURED ELECTRICAL CONTRACTOR.

ALL ELECTRICAL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND LOCAL ORDINANCES

ALL UNDERGROUND ELECTRIC LINES SHALL BE EMBEDDED IN SAND.

VERIFY ALL LIGHTING, PHONE AND CABLE LOCATIONS WITH OWNER PRIOR TO INSTALLATION OF DRYWALL, OR FINISH MATERIALS.

PROVIDE HARDWIRED, INTERCONNECTED SMOKE DETECTORS INSIDE EACH BEDROOM AND DIRECTLY OUTSIDE EACH BEDROOM. MINIMUM ONE SMOKE DETECTOR PER FLOOR.

PROVIDE INTERCONNECTED CARBON DIOXIDE DETECTORS ON EACH FLOOR.

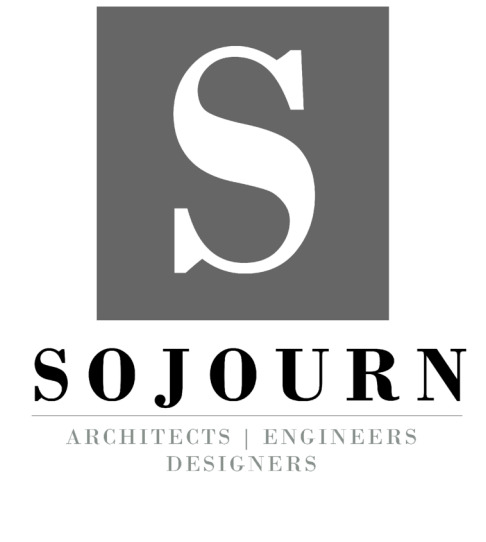
ALL EXTERIOR RECEPTACLES ARE TO BE GFCI AND TO HAVE WEATHERPROOF PROTECTION.

ALL RECEPTACLES AND LIGHTING CIRCUITS TO BE PROTECTED WITH AFCI BREAKERS.

ALL RECEPTACLES IN BATHROOMS, LAUNDRY ROOMS AND KITCHEN AREAS TO BE PROTECTED WITH AFCI/ GCFI BREAKERS

GENERAL NOTES

- ALL WORK SHALL COMPLY WITH STATE AND LOCAL BUILDING CODES, FIRE DEPARTMENT REGULATIONS, UTILITY COMPANY STANDARDS, AND THE BEST TRADE PRACTICES.
- THE GENERAL CONTRACTOR SHALL ARRANGE ALL INSPECTIONS AND TESTS AS SPECIFIED OR REQUIRED BY THE BUILDING DEPARTMENT AND SHALL PAY ALL COSTS AND FEES FOR SAME. THE CONTRACTOR SHALL SECURE ALL BUILDING PERMITS AND UPON COMPLETION OF THE PROJECT (PRIOR TO FINAL PAYMENT) DELIVER TO THE OWNER A CERTIFICATE OF OCCUPANCY OR USE FROM THE BUILDING DEPARTMENT.
- ALL PLUMBING AND ELECTRICAL WORK SHALL BE PERFORMED BY STATE LICENSED CONTRACTORS. CONTRACTORS SHALL SUBMIT ALL REQUIRED PERMITS, CERTIFICATES, AND SIGN-OFFS TO OWNER AND ARCHITECT FOR THEIR RECORDS.
- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, BE FAMILIAR WITH THE EXISTING CONDITIONS, AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO SUBMISSION OF CONSTRUCTION PROPOSAL AND BEFORE BEGINNING WORK. THE DRAWINGS REFLECT CONDITIONS REASONABLY INFERRED FROM THE EXISTING VISIBLE CONDITIONS BUT CANNOT GUARANTEED BY THE ARCHITECT. DRAWINGS MAY BE SCALED FOR ESTIMATING PURPOSES AND FOR GENERAL REFERENCE ONLY. FOR ALL OTHER DIMENSIONS OR LOCATIONS CONSULT THE ARCHITECT OR REFER TO DIMENSIONS ON DRAWINGS. VERIFY ALL DIMENSIONS IN THE FIELD.
- THE GENERAL CONTRACTOR SHALL LAY OUT ALL WORK AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS FOR TRADES SUCH AS ELECTRICAL, PLUMBING, ETC.
- THE GENERAL CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO THE PREMISES AT ALL TIMES.
- THE CONSTRUCTION MANAGER SHALL MAKE THE PREMISES SECURE FROM THE ELEMENTS AND TRESPASS ON A DAILY BASIS.
- THE GENERAL CONTRACTOR SHALL KEEP THE CONSTRUCTION SITE FREE AND CLEAR OF ALL DEBRIS AND KEEP OUT ALL UNAUTHORIZED PERSONS. UPON COMPLETION OF WORK, THE ENTIRE CONSTRUCTION AREA IS TO BE THOROUGHLY CLEANED AND PREPARED FOR OCCUPANCY BY OWNER. ALL MATERIALS AND DEBRIS RESULTING FROM THE CONTRACTOR'S WORK SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY. CARE SHALL BE TAKEN DURING CONSTRUCTION THAT NO DEBRIS OR MATERIALS ARE DEPOSITED IN ANY RIGHT OF WAY AREA.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING AND NEW CONDITIONS AND MATERIALS ON THE SITE. ANY DAMAGE CAUSED BY OR DURING THE EXECUTION OF THE WORK IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
- NO CUTTING OR DAMAGE TO BUILDING STRUCTURAL COMPONENTS WILL BE ALLOWED WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.
- ALL UTILITIES SHALL BE CONNECTED TO PROVIDE GAS, ELECTRIC, AND WATER TO ALL EQUIPMENT WHETHER SAID EQUIPMENT IS IN CONTRACT OR NOT. EQUIPMENT SHALL BE GUARANTEED TO FUNCTION PROPERLY UPON COMPLETION.
- MANUFACTURER'S STANDARD SPECIFICATIONS AND MATERIALS APPROVED FOR PROJECT USE ARE HEREBY MADE PART OF THESE NOTES WITH SAME FORCE AND EFFECT AS IF WRITTEN OUT IN FULL HEREIN. ALL APPLIANCES, FIXTURES, EQUIPMENT, HARDWARE, ETC. SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND PROCEDURES.
- WRITTEN WORDS TAKE PRECEDENCE OVER DRAWN LINES. LARGE-SCALE DETAILS AND PLANS TAKE PRECEDENCE OVER SMALLER DETAILS AND PLANS. SHOULD A CONFLICT ARRIVE BETWEEN THE SPECIFICATIONS AND DRAWINGS, THE REQUIREMENTS DEEMED MOST STRINGENT SHALL BE USED.
- MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED BUT NECESSARY FOR PROPER AND ACCEPTABLE CONSTRUCTION, INSTALLATION, OR OPERATION OF ANY PART OF THE WORK AS DETERMINED BY THE ARCHITECT SHALL BE INCLUDED IN THE WORK AS IF IT WERE SPECIFIED OR INDICATED ON THE DRAWINGS.
- ALL ARCHITECTURAL DRAWINGS AND CONSTRUCTION NOTES ARE COMPLIMENTARY. WHAT IS INDICATED AND CALLED FOR BY ONE SHALL BE BINDING AS THOUGH CALLED FOR BY ALL.
- NO DEVIATION FROM THE DRAWINGS OR SPECIFICATIONS OR INTENT OF SAME SHALL BE MADE WITHOUT THE ARCHITECT'S WRITTEN AUTHORIZATION.
- ALL WORK SHALL BE GUARANTEED FOR ONE YEAR AFTER FINAL APPROVAL. THE GENERAL CONTRACTOR SHALL SIGN THE WRITTEN GUARANTEE AS PROVIDED BY THE OWNER. THE GUARANTEE SHALL COVER ALL GENERAL AND SUBCONTRACTOR WORK. ALL DEFECTS DISCOVERED DURING THIS PERIOD SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
- ALL DIMENSIONS ARE TO FACE OF STUD OR CENTERLINE OF STRUCTURE UNLESS OTHERWISE NOTED (UON).
- DOOR AND WINDOW DIMENSIONS ARE TO CENTERLINES OF UNITS UNO.



SOJOURN ARCHITECTS
34 RAVENNA ST #2
HUDSON, OH 44236
216-396-4395
www.sojournarchitects.com

Project Team
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HUDSON, OH 44236
STRUCTURAL ENGINEER
CARUSO ENGINEERING
5545 WILSON MILLS RD STE 106
HIGHLAND HEIGHT



SOJOURN
ARCHITECTS | ENGINEERS
DESIGNERS

SOJOURN ARCHITECTS
34 RAVENNA ST #2
HUDSON, OH 44236
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www.sojournarchitects.com

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Project No.

26016

Revisions

2026-04-30	PRELIM PLANS
2026-06-26	CITY SUBMISSION

Project

ABERNATHY GARAGE

150 AURORA ST
HUDSON, OH 44236

DETACHED GARAGE

Client

JACOB & JENNIE ABERNATHY

Date Issued

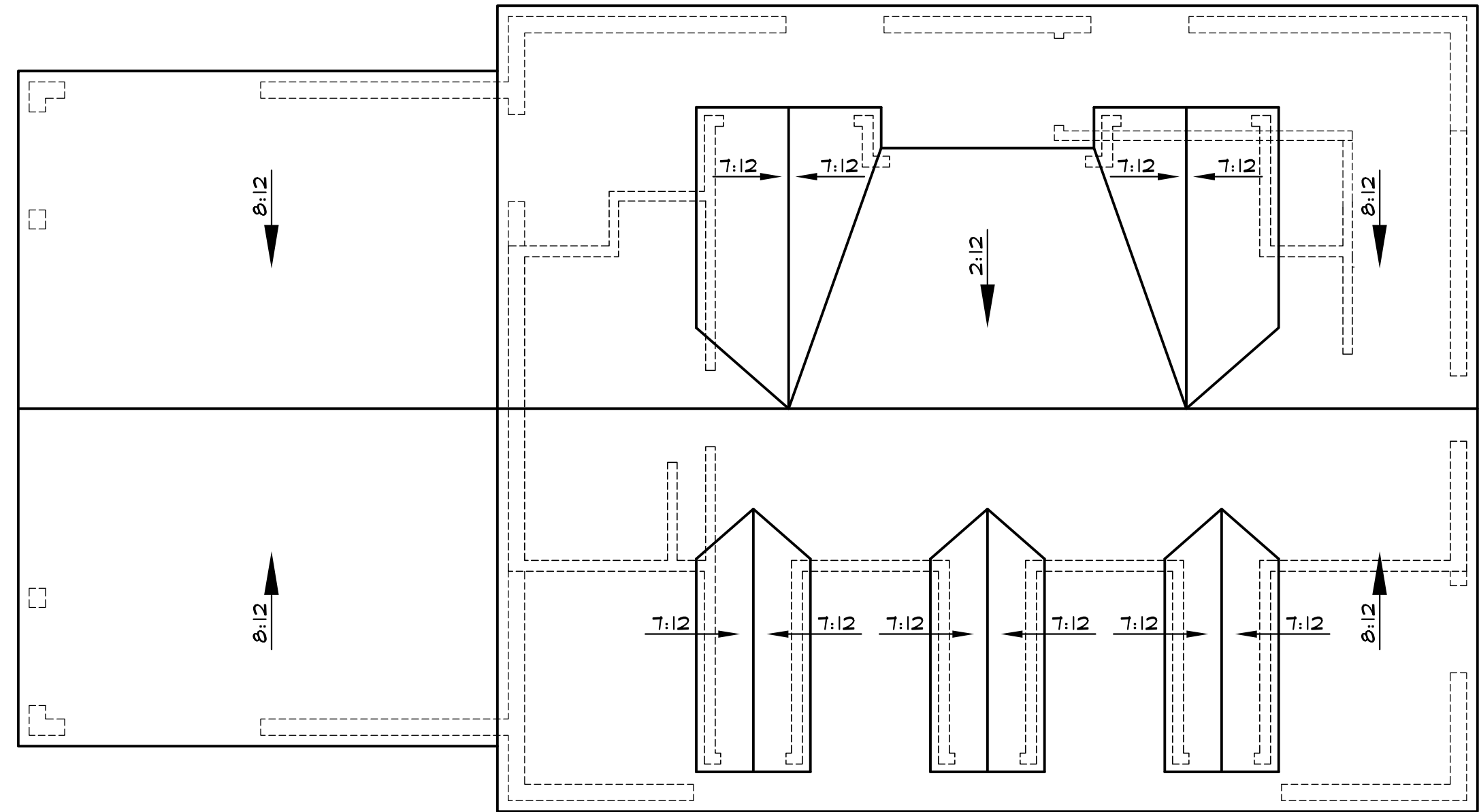
2026.06.26

**FLOOR PLANS,
FOUND. PLAN &
ROOF PLAN**

A101

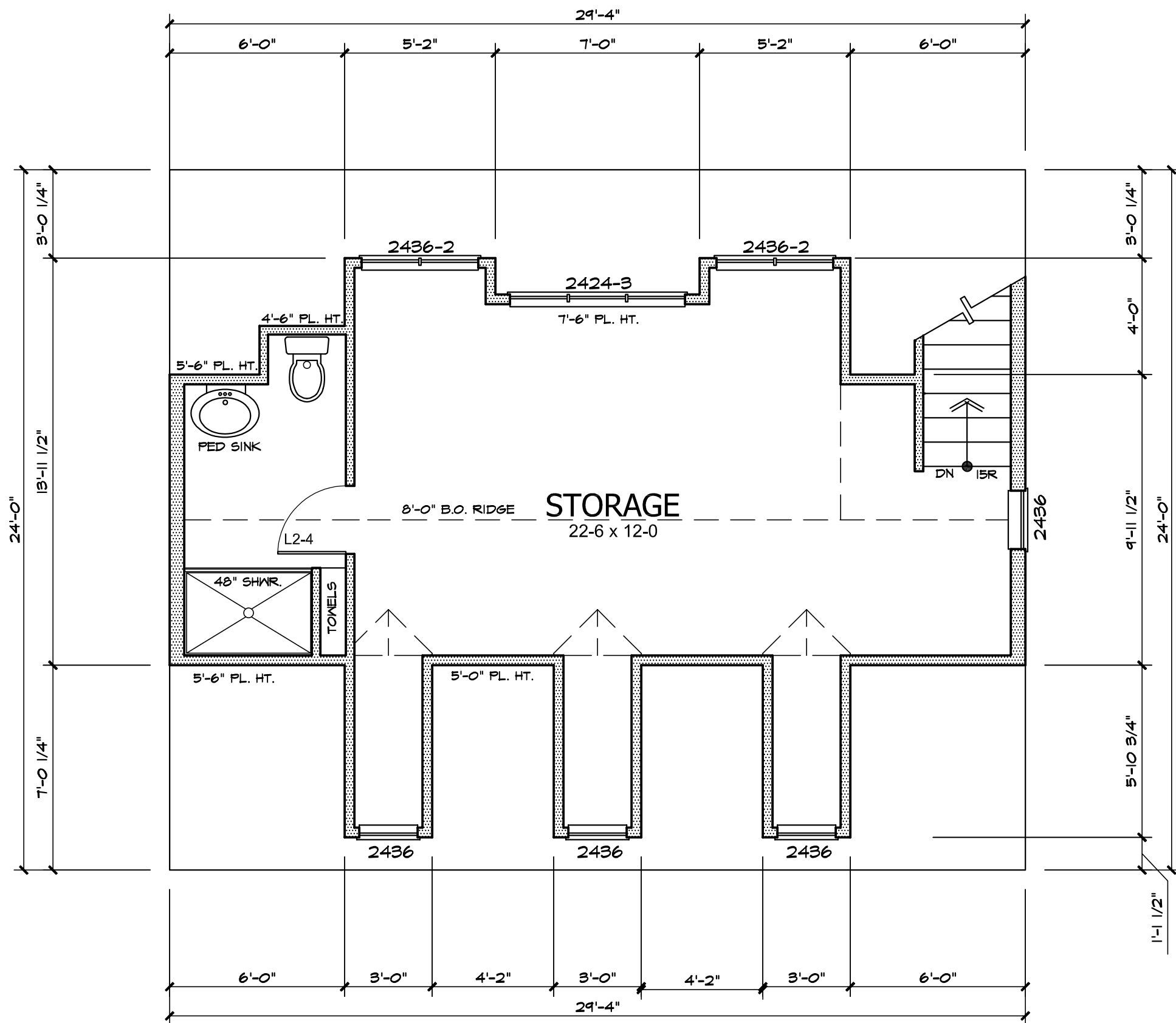
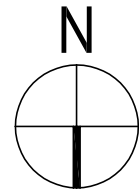
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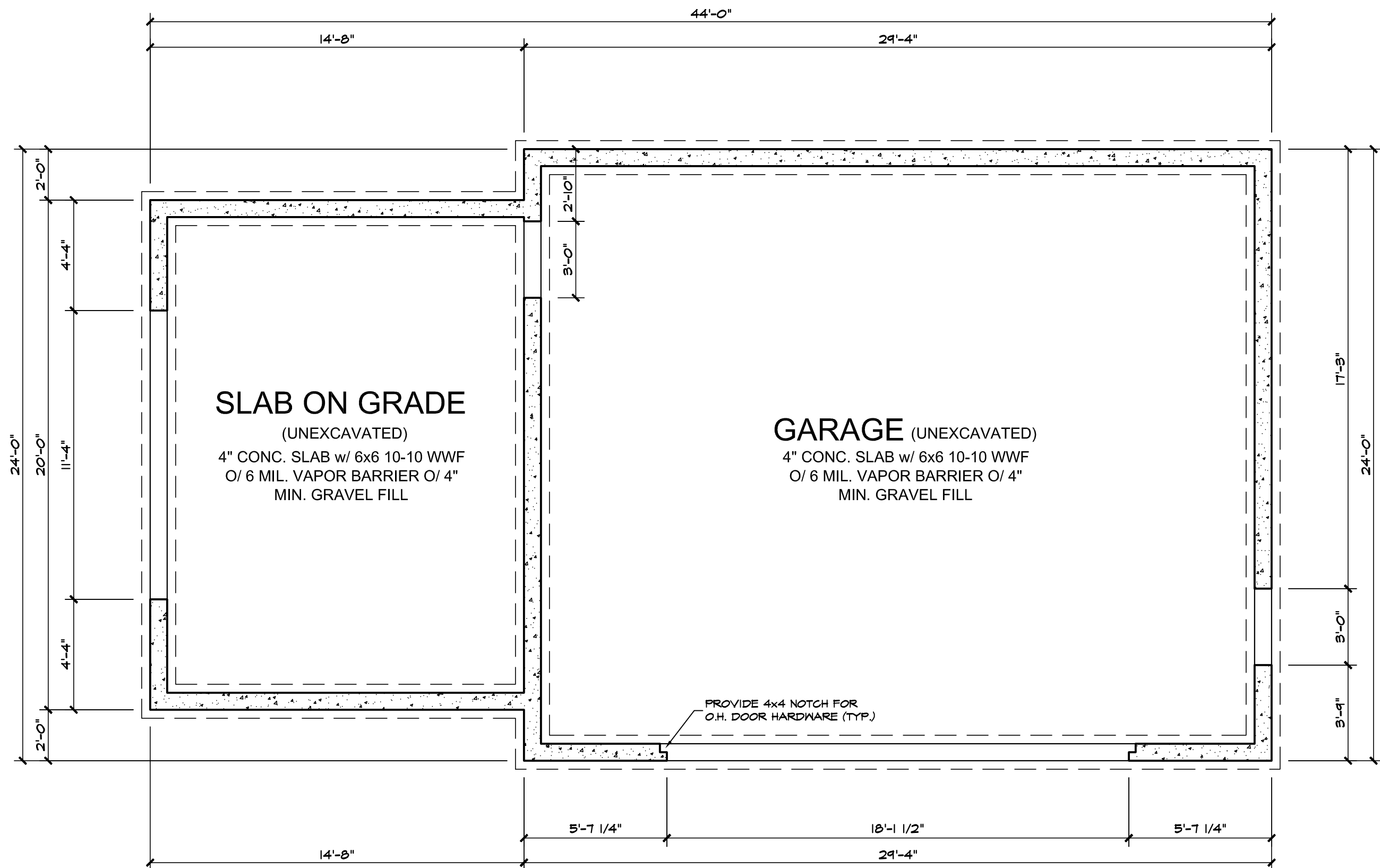
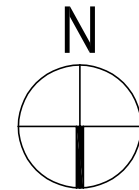
ROOF PLAN

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



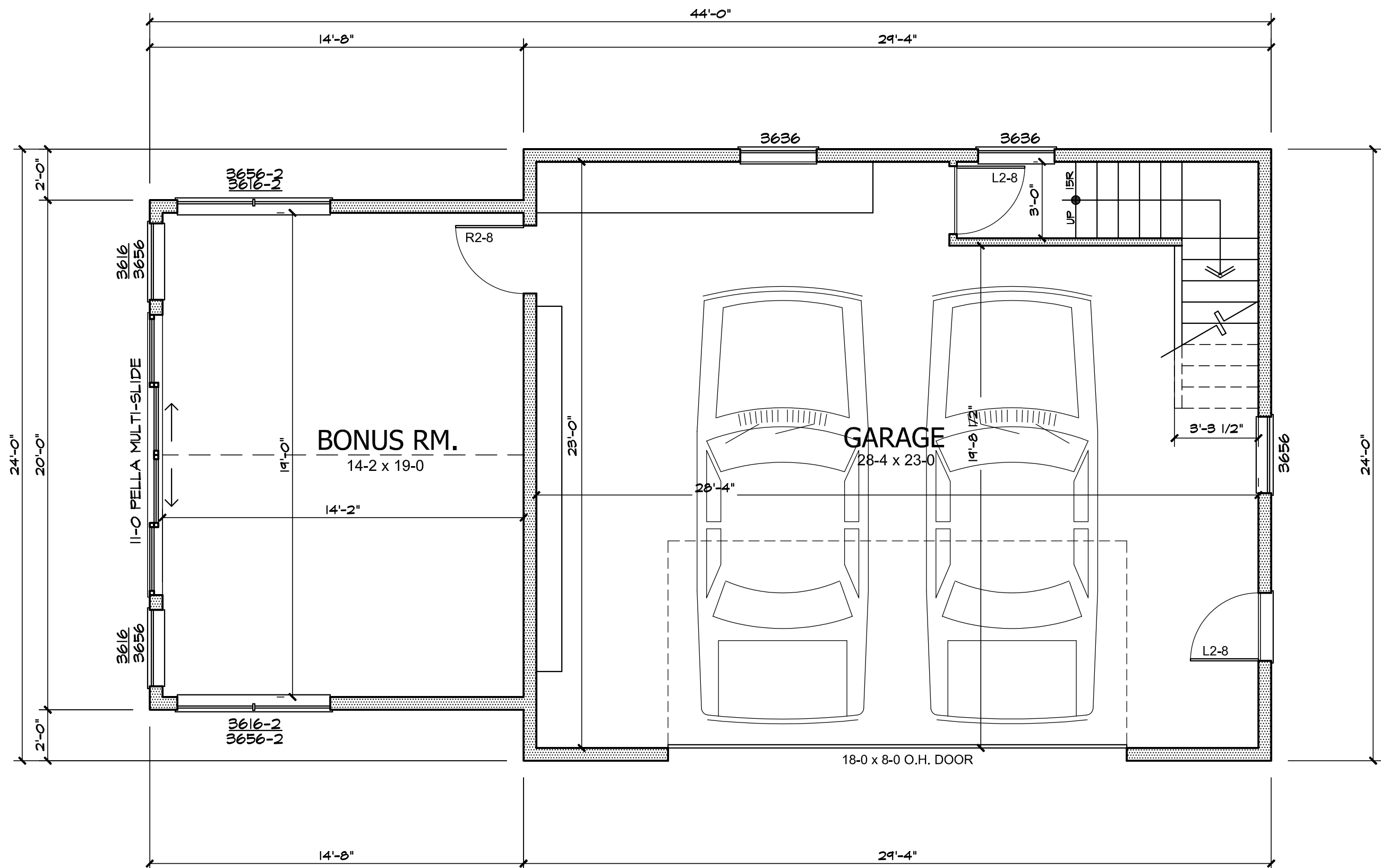
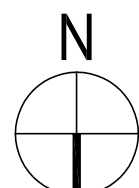
SECOND FLOOR PLAN

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



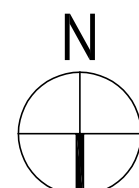
FOUNDATION PLAN

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



FIRST FLOOR PLAN

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



FOOTPRINT / FIRST FLOOR: _____ 997.33 _____ S.F.
SECOND FLOOR: _____ 400.77 _____ S.F.
TOTAL SQ. FEET: _____ 1398.10 _____ S.F.
WIDTH: _____ 44'-0" **DEPTH:** _____ 24'-0"



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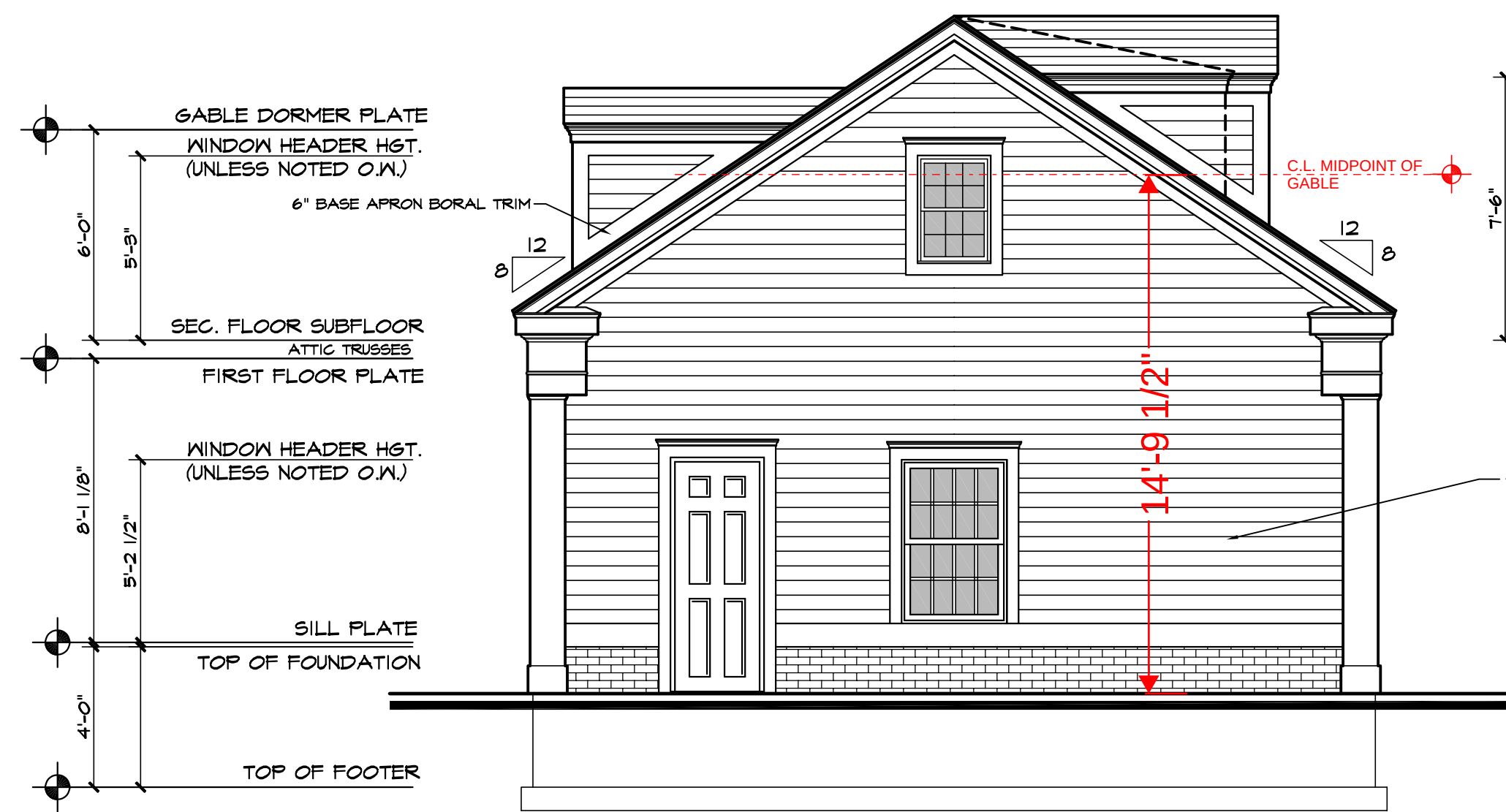
2026.06.26

EXTERIOR
ELEVATIONS &
DETAILS

A201

Sheet No.

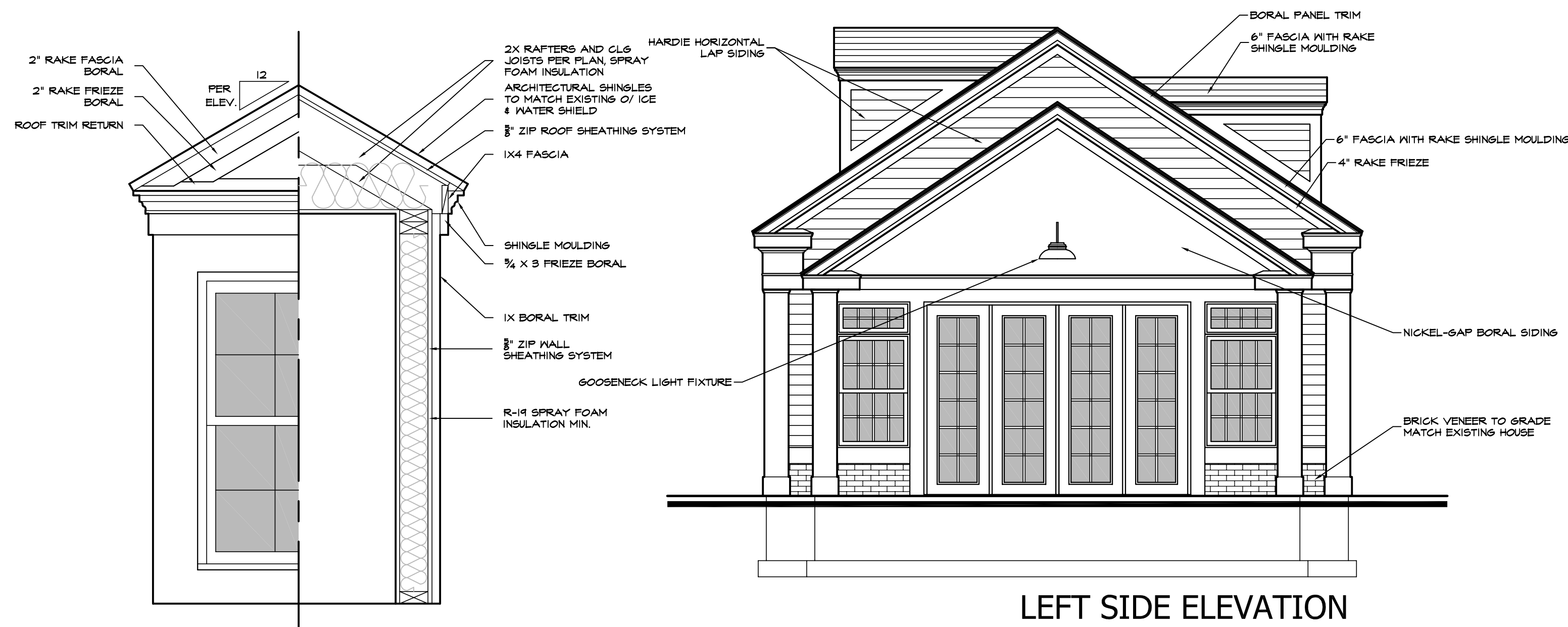
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RIGHT SIDE ELEVATION
S: 1/4" = 1'-0"



REAR ELEVATION
S: 1/4" = 1'-0"

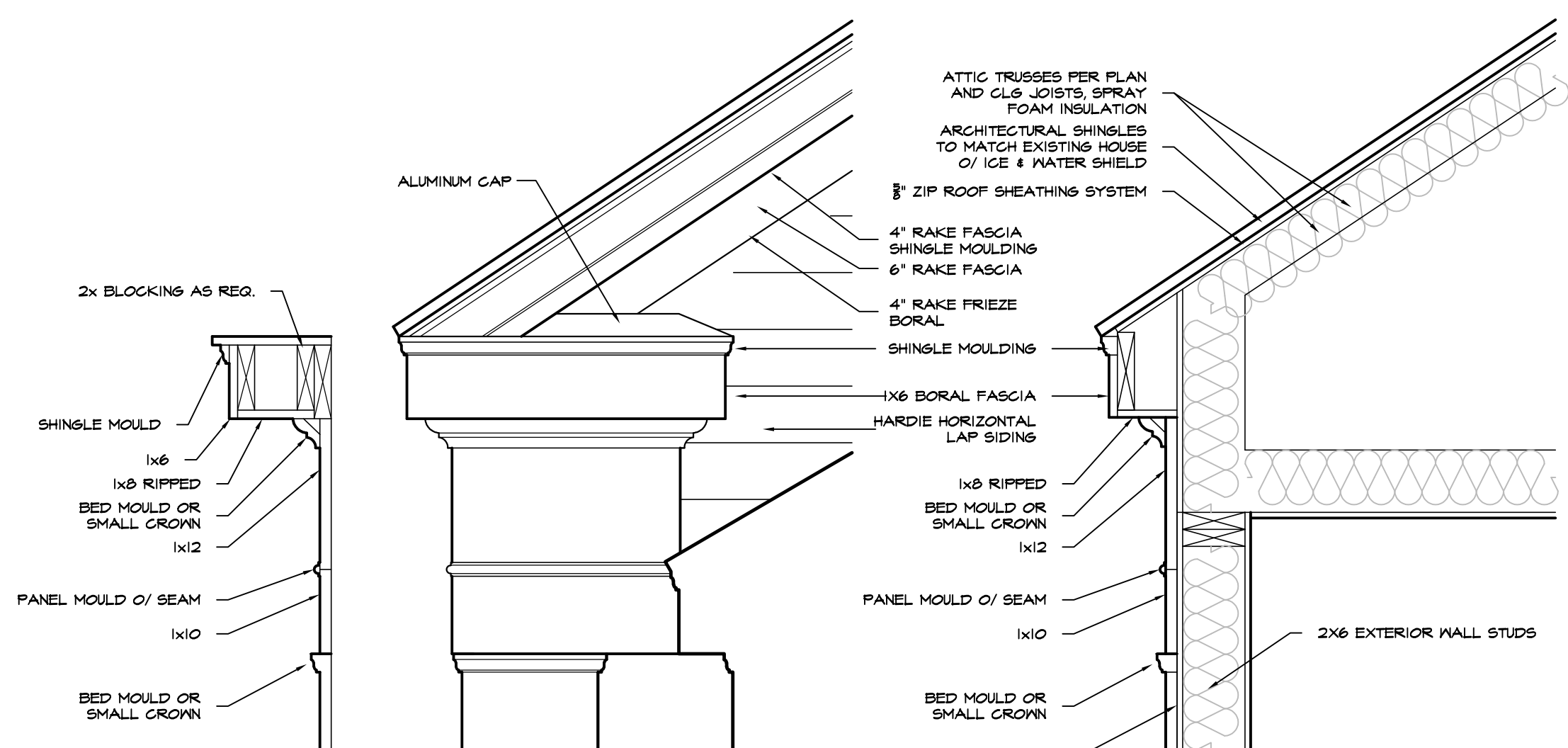


LEFT SIDE ELEVATION
S: 1/4" = 1'-0"



FRONT ELEVATION
S: 1/4" = 1'-0"

DORMER DETAIL
S: 1" = 1'-0"



GABLE ELEVATION/TRIM DETAIL
S: 1" = 1'-0"

GABLE SECTION DETAIL
S: 1" = 1'-0"



FRONT ELEVATION
S: 1/4" = 1'-0"















YOUR EZDOOR™ SUMMARY

Thank you for designing your door with EZDoor™

COACHMAN® - PREMIUM SERIES CG12

The options included in this application when you select a stock image represent the most common size doors. If you do not see the specific size or design you need, please consult your local dealer or retailer for more information. Size, actual door, and certain designs may vary from screen presentation.

Additional options available, please contact your local dealer.

*Based upon your Zip Code, you may require a WindCode® Configuration.

+Configuration values recommended by EZDoor.

**SIZE**

18'0" x 8'0"

WINDCODE*

W0

MODEL

CG12

DESIGN

Design12

CONSTRUCTION

4-layer 2" Polystyrene Insulation
R-value 9.0

BASE COLOR

Standard White

OVERLAY COLOR

Standard White

TOP SECTION

Sq24

GLASS TYPE

Double Pane Clear Glass
(insulated)

SPRING*

Coated Torsion

TRACK SIZE*

2" Assembled

TRACK TYPE*

Standard

MOUNT TYPE*

Bracket

TRACK RADIUS*

15

ROOF PITCH*

HANDLES
Spade Lift Handle X1

HINGES
No Hinge X0

STEP PLATES
Spade Step Plate X1

LOCK*
No Lock

LOCK OPTIONS*
No Lock Hole (Std with no lock
and inside slide lock)

**LEARN MORE**

Visit clopaydoor.com/where-to-buy

Siding | Trim | Soffit



jameshardie.com

The best homes leave a
lasting impression.

#1

Brand of Siding in
North America*

Hardie® Plank & Hardie® Shingle Light Mist
Hardie® Trim Arctic White

KENTUCKY, INDIANA, MICHIGAN, OHIO & PITTSBURGH
COLOR & PRODUCT AVAILABILITY

NOW FEATURING:
Hardie® Architectural Panel, Hardie™ Architectural Metal Trim & Hardie® Artisan® Trim

Build with the best to protect the beauty of your home.

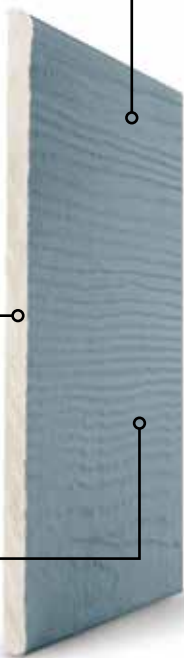
TRUSTED PROTECTION WITH HARDIE® FIBER CEMENT.

	HARDIE® SIDING	VINYL SIDING	WOOD- BASED SIDING
Will not burn; noncombustible**	✓	⊘	⊘
Will not melt	✓	⊘	✓
Does not appeal to pests	✓	✓	⊘
Hail and impact resistant	✓	⊘	✓
Resistant to warping, shrinking, and swelling	✓	⊘	⊘
Easily painted	✓	⊘	✓
Real wood look and feel	✓	⊘	✓

Warm woodgrain texture without the cost and high maintenance of real wood.

5x thicker than vinyl siding provides deep shadow lines and less visible seams.

ColorPlus® Technology finishes are baked on at the factory for a long-lasting consistent finish.



All Hardie® fiber cement products come with a transferable 30-year, non-prorated limited substrate warranty, meaning we stand 100% behind Hardie® fiber cement siding, trim and soffit products for 30 years.

ColorPlus® Technology finishes come with a 15-year limited warranty.

30-YEAR, NON-PRORATED SIDING, TRIM AND SOFFIT SUBSTRATE WARRANTY COVERAGE BY JAMES HARDIE



Scan to learn more about the lifetime value of Hardie® products.

Complete Exterior™ by James Hardie

ONE MATERIAL

Only Hardie® fiber cement products are **Engineered for Climate®**, resisting damage from fire, water, and insects and delivering optimal performance for your home's specific region.

ONE SOURCE

The #1 brand of siding in North America that is made in the U.S.A. With 11 manufacturing sites and nationwide distribution, your product is available when your contractor needs it.

ONE WARRANTY

Rest easy knowing that all your siding, trim and soffit is backed with a 30-year non-prorated warranty from a single trusted manufacturer. One manufacturer to contact makes your life easier, giving you more time to enjoy your home.

(from cover) * Based on Freedonia 2022 Global Siding (Cladding) demand estimates and James Hardie sales in North America.
** Hardie® fiber cement products are noncombustible and/or have a Class A fire rating when tested in accordance with ASTM E84. Fiber cement fire resistance does not extend to applied paints or coatings, which may be damaged or char when exposed to flames. The use of noncombustible siding, combined with other fire mitigation measures, may help harden a home against external fire.



Unmatched performance & protection.



Fire Resistant

Help prepare your home for the unpredictable with noncombustible siding that won't burn or ignite when exposed to a direct flame.

- Verified noncombustible per ASTM E136
- Will not contribute fuel to a fire
- Class A fire rated per ASTM E84, with a flame spread index / smoke developed index of less than 0/5
- Verified in wall assemblies with 1-hour and 2-hour fire-ratings per ASTM E119



Water Resistant

From rain to ice to snow, precipitation patterns can lead to warping, swelling and cracking in wood-based siding. Take shelter from the storm knowing that your siding is built to resist water damage.

- FEMA Class 5 flood damage resistance (highest rating)
- Rated for use in High Velocity Hurricane zones by Miami-Dade County, Florida*

*Applies to most products by James Hardie.
For full list go to: www.jameshardie.com/miami-dade-NOA



Pest Resistant

Creatures can wreak havoc on wood-based siding. It can be pecked by birds or be damaged by woodpeckers, termites and other pests. Hardie® fiber cement holds no appeal for these critters, saving you the maintenance hassle.



Watch our
durability videos.



Building a Better Future for All™.



Building a Culture of Sustainability

Throughout our company and across our value chain, sustainability is foundational at James Hardie. Our sustainability goals are integrated into our business operations, governance structure and company culture. We have ambitious targets that align with our purpose of **Building a Better Future for All™**, the issues that matter most to our stakeholders and our overall corporate objectives. From our frontline employees to the builders who use our products, each person plays a role in putting our sustainability initiatives into action.



Scan code to find out more about our sustainability efforts.

ADDING VALUE TO OUR COMMUNITIES

We recognize our ability to impact the communities in which we live and work. While maintaining a global mindset, we put great care into how our business affects local communities. We contribute by sourcing, employing, delivering and giving locally.

CREATING AN IMPACT

We invest in the local community and aim to locate the plants close to suppliers, customers and potential new employees, as well as sustainable transportation opportunities.



Above statistics are the James Hardie impact from fiscal year 2024.

SETTING AMBITIOUS GOALS AS RESPONSIBLE STEWARDS



Reducing Scope 1+2 Emission
Reduce absolute Scope 1+2 GHG emissions by 42% by 2030 from 2021 baseline and work towards net zero by 2050



Minimizing Waste
Zero manufacturing waste to landfill by 2035



Recycling Water
Recycle an additional 20M cubic feet of water per year by 2030, compared to 2019

Hardie® Plank

From Victorians to Colonials, Hardie® Plank is the perfect siding for your style, and has the durability and long lasting beauty that can transform your home's exterior. With a variety of colors, textures, and sizes, you'll discover a Hardie® Plank style that transforms your home's aesthetic.



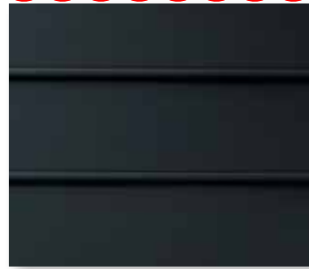
Hardie® Plank Mountain Sage



Hardie® Plank
Smooth



Hardie® Plank
Select Cedarmill®



Hardie® Plank
Beaded Smooth



Hardie® Plank
Beaded Select Cedarmill®

Hardie® Shingle

Restore the look of your grand Cape Cod home or add distinction to your handsome bungalow. Hardie® Shingle embodies the enchanting look of cedar shingles with lower maintenance. You can create your perfect exterior style using Hardie® Shingle around your entire home, or place it in accent areas for an added boost of charm you'll love.

Better than the real thing, Hardie® Shingle resists rotting, curling, warping and splitting.



Hardie® Shingle
Straight Edge Panel



Hardie® Shingle
Staggered Edge Panel



Hardie® Shingle Staggered Edge
Arctic White

Hardie® Panel

Hardie® Panel delivers style and substance. When combined with Hardie® Trim Batten, it achieves the rustic board-and-batten look that defines your charming cottage or modern farmhouse. Its crisp, clean lines and ability to pair beautifully with other siding products make Hardie® Panel a smart choice for the home of your dreams.



Hardie® Panel
Select Cedarmill®



Hardie® Panel
Smooth



Hardie® Panel
Stucco



Hardie® Panel
Sierra 8



Hardie® Panel & Hardie® Trim Batten
Evening Blue - 2025 Color of the Year

Hardie® Trim Batten



Hardie® Trim Batten
Smooth



Hardie® Trim Batten
Rustic Grain



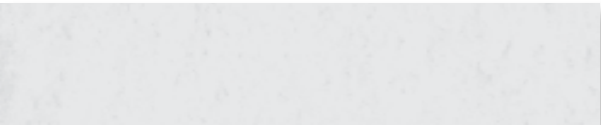
Hardie® Panel & Hardie® Trim Batten
Iron Gray

Hardie® Trim

Hardie® Trim provides design flexibility for columns, friezes, doors, windows and other accent areas. More durable than wood, Hardie® Trim is the perfect option for a long lasting home. Hardie® Trim is a low maintenance and durable accent for your exterior.



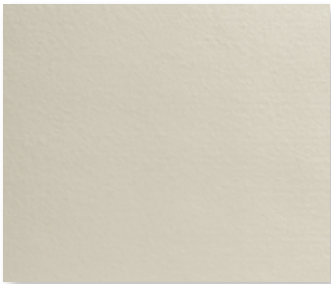
Hardie® Trim
Roughsawn



Hardie® Trim
Smooth

Hardie® Soffit

A home is only as strong as its most vulnerable areas. With Hardie® Soffit panel, you can live confidently, knowing that the gap between eaves and exterior walls is covered. These panels complete your look and help protect it from moisture and pests.



Hardie® Soffit Non-Vented
Smooth



Hardie® Soffit Vented
Smooth



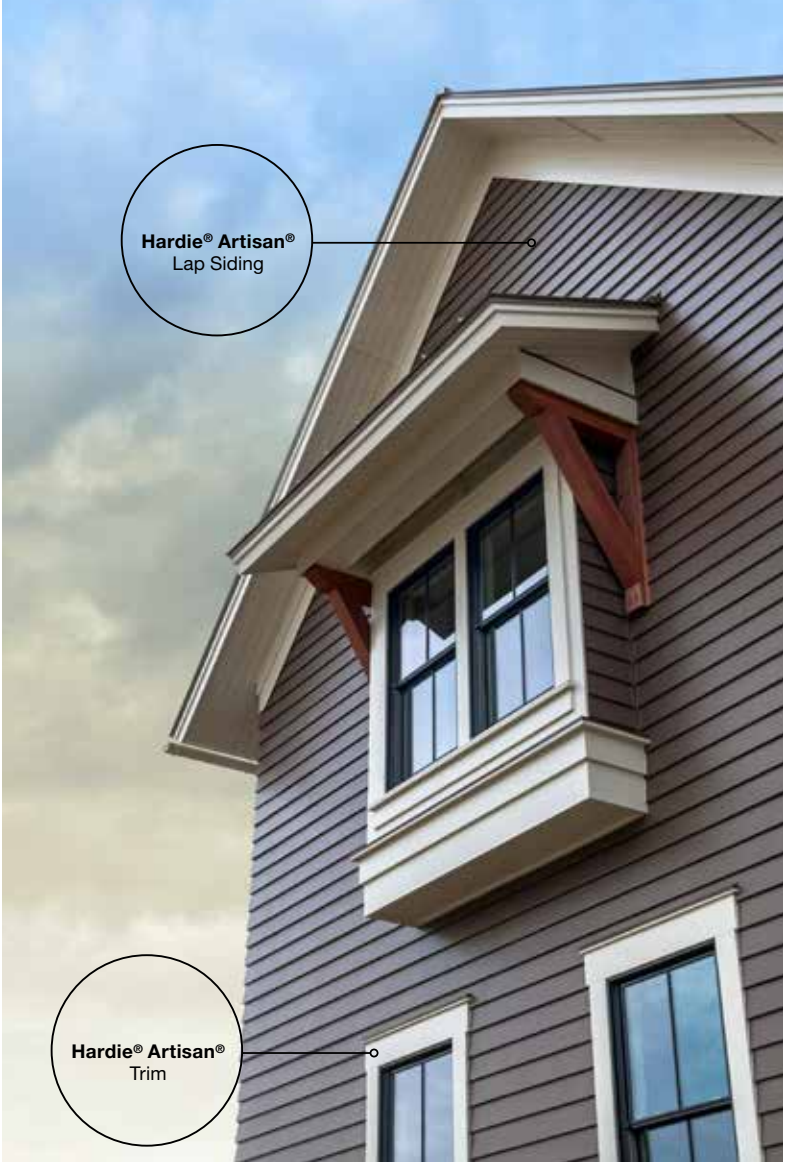
Hardie® Soffit Non-Vented
Select Cedarmill®



Hardie® Soffit Vented
Select Cedarmill®

Hardie® Artisan® Siding & Trim

Offering gorgeous, deep shadow lines and extra thick boards, Hardie® Artisan® Siding and Trim will set your home apart. The 5/8-inch thickness and unique features of Hardie® Artisan® siding provide precise fit and finish as well as the freedom to miter corners for attractive, streamlined styling.



MITERED CORNERS
Add sophistication to your design with mitered corners that can be crafted on-site with any Hardie® Artisan® Siding profile.



LOCK JOINT SYSTEM
Hardie® Artisan® Siding flat wall profiles have a lock joint system that helps enable faster, cleaner installation.



DESIGN FLEXIBILITY
Hardie® Artisan® Siding flat wall profiles can be oriented vertically, horizontally or used as soffit.



Lap Siding



Trim



Shiplap



Square Channel



V-Groove

Flat wall profiles

All Hardie® Artisan® products come with a primed finish and a smooth texture



Hardie® Architectural Panel

Going from beyond wood-look designs, the clean lines of Hardie® Architectural Panel can help achieve a range of styles from traditional to more modern looks. Infuse your exterior with nature-inspired textures and stucco inspired designs. Mix and match with other Hardie® products to create a unique and beautiful exterior for your home.



Sea Grass

Gentle, linear pattern with a dynamic finish



Fine Sand

Even texture with a consistent finish

All Hardie® Architectural Panel products come with a primed finish

Hardie™ Architectural Metal Trim

Transition trim

	Low Profile Inside Corner Transition	Use for transition from panel siding to lap siding on an inside corner.
	2-piece J Trim	Use at openings, edges of panels & at metal trim transitions.
	Low Profile Outside Corner Transition	Use for transition from panel siding to lap siding on an outside corner.
	J Trim	Use as a trim at abutments (e.g. soffit, masonry, windows, etc.).
	Vertical Siding H-Mold Transition	Cover vertical joints where you transition from panel siding to lap siding.

Joint & end trim

	Vertical Y Trim	Use along vertical butt joints.
	Vertical H Trim	
	Vertical T Trim	
	Low Profile Horizontal Z Trim	Use along horizontal control joints.
	Horizontal Z Flashing Trim	
	Horizontal Angled T Flashing Trim	

Corner trim

	Low Profile Inside Corner Trim	Use for corners.
	Inside Corner Trim	
	Low Profile Outside Corner Trim	
	Low Profile 45° Inside Corner Trim	Use for bay windows.
	Low Profile 45° Outside Corner Trim	

Base trim

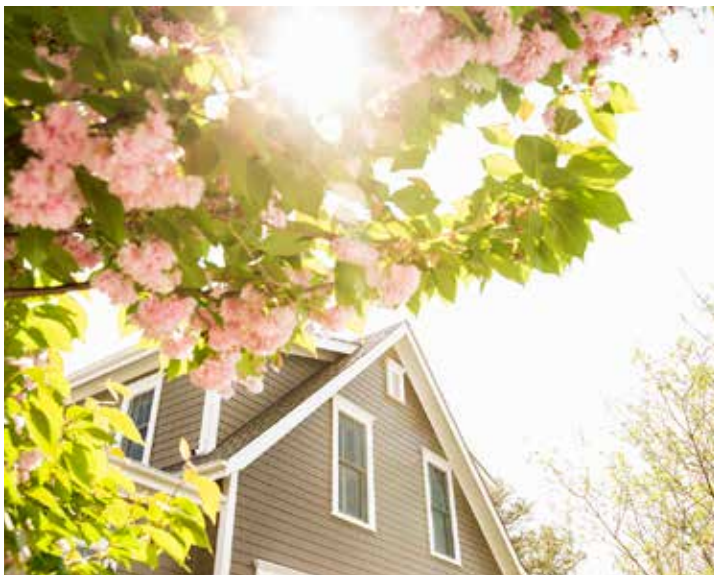
	Raised Reveal Base Trim	Reveal & ledge to rest panels.
	L Base Trim	Low profile starter strip.



Take pride in timeless beauty.

PRIMER

A quality primer is the first step to ensuring that the paint color you select expresses your home's true beauty now – and for years to come. Our distinctive primer is climate tested and engineered to enhance the performance of paint on Hardie® fiber cement exterior solutions. It helps to provide consistent, long lasting paint adhesion, even in demanding conditions.



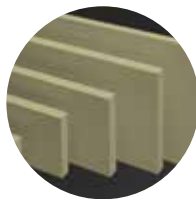
COLORPLUS® TECHNOLOGY

ColorPlus® Technology finishes are fully cured on our boards in a controlled factory environment and arrive at your home ready for installation year-round. With prefinished color products, you'll have peace of mind, knowing you'll have a more consistent color and finish that doesn't depend on good weather.

With a variety of color options available to help bring your vision to life, ColorPlus® Technology finishes help keep your home looking beautiful longer.

- **Exceptional finish adhesion**
- **Superior color retention**
- **Superior UV resistance**

Find the perfect finish for your home.



Primed



Statement Collection®



Dream Collection®

ColorPlus® Technology Finishes

Primed & ready to paint	Your region's most popular colors	Nearly 700 finish options
Locally stocked & readily available	Locally stocked & readily available	Made to order in a wide variety of siding & trim styles (Made specifically for you, products may incur additional cost and lead time.)

Statement Collection® Color Availability



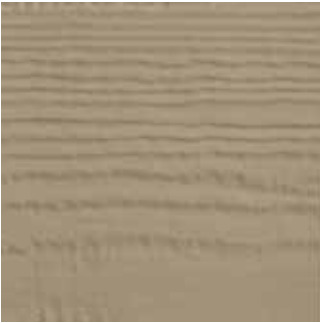
ARCTIC WHITE 1 | 2 | 3



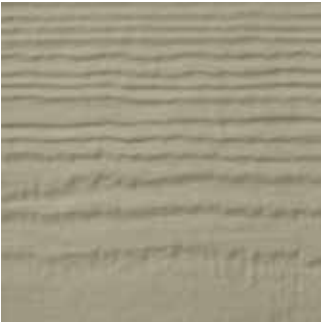
COBBLE STONE 1 | 2 | 3



NAVAJO BEIGE 1



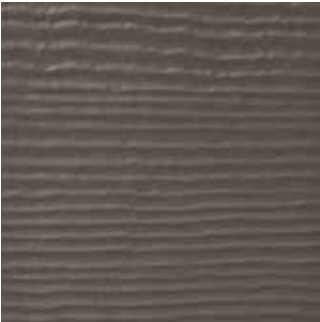
KHAKI BROWN 1



MONTEREY TAUPE 1 | 2



TIMBER BARK 1 | 2 | 3



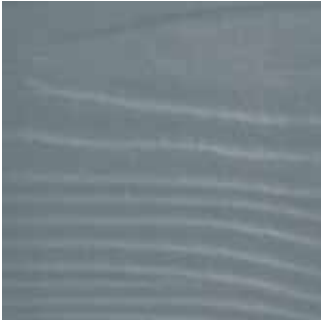
RICH ESPRESSO 1 | 2



MOUNTAIN SAGE 1



GRAY SLATE 1



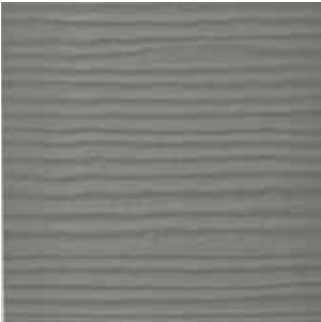
BOOTHBAY BLUE 1



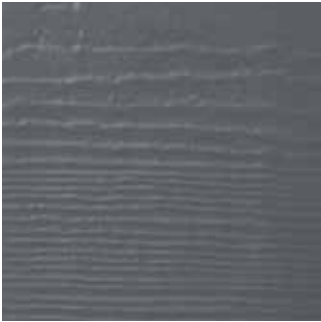
LIGHT MIST 1



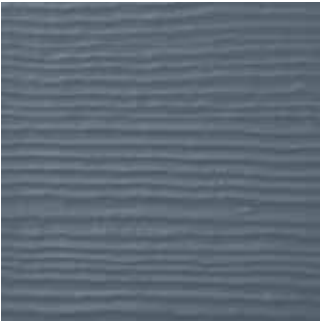
PEARL GRAY 1 | 2



AGED PEWTER 1 | 2



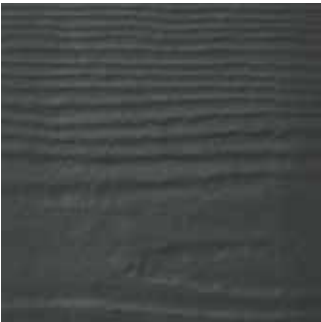
NIGHT GRAY 1



EVENING BLUE 1 | 2



DEEP OCEAN 1



IRON GRAY 1 | 2 | 3



COUNTRYLANE RED 1



MIDNIGHT BLACK 1 | 2 | 3

PRODUCT
AVAILABILITY KEY

1 Hardie® Siding
Hardie® Plank, Hardie®
Shingle, Hardie® Panel,
Hardie® Trim Batten

2 Hardie® Trim

3 Hardie® Soffit

Colors shown are as accurate as printing methods will permit. Go to jameshardie.com to order a color sample.

Midwest East Product Availability



match existing plank size

	Primed	Statement Collection®	Dream Collection®	Exposure	Primed Pcs/Pallet	ColorPlus® Pcs/Pallet	Pcs/Sq.
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Hardie® Plank Thickness 5/16 in.

12 ft. x 5.25 in.	••		••	4 in.	360	324	25.0
12 ft. x 6.25 in.	••		••	5 in.	308	280	20.0
12 ft. x 7.25 in.	••	••	••	6 in.	252	252	16.7
12 ft. x 8.25 in.	••	••	••	7 in.	230	210	14.3
12 ft. x 9.25 in.	••			8 in.	190	-	12.5

Hardie® Plank - Beaded Thickness 5/16 in.

12 ft. x 8.25 in.	••		••	7 in.	240	210	14.3
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Hardie® Shingle - Straight Edge Panel Thickness 1/4 in.

48 in. x 14 in.			•	5 in.	-	120	60
48 in. x 15.25 in.	•	•	•	7 in.	86	86	43

Hardie® Shingle - Staggered Edge Panel Thickness 1/4 in.

48 in. x 15.25 in.	•	•	•	6 in.	100	100	50
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Hardie® Panel Thickness 5/16 in.

4 ft. x 8 ft.	••	••	••	-	50	50	3.2
4 ft. x 9 ft.	••			-	50	-	2.8
4 ft. x 10 ft.	••	••	••	-	50	50	2.5

Hardie® Panel - Stucco Thickness 5/16 in.

4 ft. x 8 ft.	•		•	-	50	50	3.2
4 ft. x 9 ft.	•			-	50	-	2.8
4 ft. x 10 ft.	•		•	-	50	50	2.5

Hardie® Panel - Sierra 8 Thickness 5/16 in.

4 ft. x 8 ft.	•			-	50	-	3.2
4 ft. x 9 ft.	•			-	50	-	2.8
4 ft. x 10 ft.	•			-	50	-	2.5

	Primed	Statement Collection®	Dream Collection®	Primed Pcs/Pallet	Arctic White Pcs/Pallet	ColorPlus® Pcs/Pallet	Pcs/Sq.
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4/4 Hardie® Trim Thickness 3/4 in.

12 ft. x 3.5 in.	••	••	••	312	312	144	28.6
12 ft. x 5.5 in.	••	••	••	208	208	96	18.2
12 ft. x 7.25 in.	••	••	••	156	156	72	13.8
12 ft. x 9.25 in.	••	••	••	104	104	48	10.8
12 ft. x 11.25 in.	••	••	••	104	104	48	8.9

5/4 Hardie® Trim Thickness 1 in.

12 ft. x 3.5 in.	••	••	••	240	240	120	28.6
12 ft. x 4.5 in.	••	•	••	200	200	100	22.2
12 ft. x 5.5 in.	••	••	••	160	160	80	18.2
12 ft. x 7.25 in.	••	••	••	120	120	60	13.8
12 ft. x 9.25 in.	••	••	••	80	80	40	10.8
12 ft. x 11.25 in.	••	••	••	80	80	40	8.9

Hardie® Trim Batten Thickness 3/4 in.

12 ft. x 2.5 in.	••	••	••	437	190	190	40
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Hardie® Soffit - Vented Thickness 1/4 in.

12 ft. x 12 in.	••	••	••	200	216	104	8.3
12 ft. x 16 in.	••	••	••	150	156	78	6.3
8 ft. x 24 in.	••	••	••	100	108	52	6.3

Hardie® Soffit - Non-Vented Thickness 1/4 in.

12 ft. x 12 in.	••	••	••	200	216	104	8.3
12 ft. x 16 in.	••	••	••	150	156	78	6.3
8 ft. x 24 in.	••	••	••	100	108	52	6.3
8 ft. x 48 in.	••			50	-	-	3.1

Product Texture Key

Smooth •

Textured •

Hardie® Artisan® Siding

	Primed	Exposure	Pcs/Pallet	Pcs/Sq.
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Lap Siding - Thickness 5/8 in.

12 ft. x 7.25 in.	•	6 in.	144	16.7
12 ft. x 8.25 in.	•	7 in.	125	14.3

V-Groove - Thickness 5/8 in.

12 ft. x 8.25 in.	•	7 in.	126	14.3
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Shiplap - Thickness 5/8 in.

12 ft. x 10.25 in.	•	9 in.	105	11.1
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Square Channel - Thickness 5/8 in.

12 ft. x 10.25 in.	•	9 in.	105	11.1
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Trim - Thickness 1.5 in.

12 ft. x 3.5 in.	•	-	192	28.6
12 ft. x 5.5 in.	•	-	120	18.2

Hardie® Architectural Panel

	Primed	Pcs/Pallet	Pcs/Sq.
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Fine Sand - Thickness 5/16 in.

4 ft. x 8 ft.	•	50	3.1
4 ft. x 10 ft.	•	50	3.2
4 ft. x 12 ft.	•	40	2.5

Sea Grass - Thickness 5/16 in.

4 ft. x 8 ft.	•	50	3.1
4 ft. x 10 ft.	•	50	3.2
4 ft. x 12 ft.	•	40	2.5

All Hardie® Architectural Panels now have a flat edge.

Hardie™ Architectural Metal Trim - Length 10 ft.

Transition trim	Qty	Joint & end trim	Qty	Corner trim	Qty
J Trim	25	Vertical Y Trim	15	Inside Corner Trim	10
2-piece J Trim	25	Vertical T Trim	25	Low Profile 45° Inside Corner Trim	10
Low Profile Outside Corner Transition	10	Vertical H Trim	25	Low Profile Inside Corner Trim	10
Low Profile Inside Corner Transition	10	Low Profile Horizontal Z Trim	25	Low Profile 45° Outside Corner Trim	10
Vertical H-Mold Transition	25	Horizontal Z Flashing Trim	25	Low Profile Outside Corner Trim	10
		Horizontal Angled T Flashing Trim	25		
Base trim					
Raised Reveal Base Trim	15				
L Base Trim	25				

Hardie™ Moisture Management Products

Hardie™ Flex Flashing - Thickness 60 mil.

75 ft. x 6 in. | 75 ft. x 9 in.

Hardie™ Pro-Flashing - Thickness 20 mil.

75 ft. x 4 in. | 75 ft. x 6 in. | 75 ft. x 9 in.

Hardie™ Seam Tape - Thickness 3.2 mil.

165 ft. x 1 7/8 in.

Hardie™ Weather Barrier - Thickness 11 mil.

100 ft. x 3 ft. | 100 ft. x 9 ft. | 150 ft. x 9 ft.

INSTALLATION ACCESSORIES



Touch-Up Kits for ColorPlus® Technology finishes



OSI® QUAD® MAX Color-Matched Caulk*



Hardie™ Blade Saw Blades



PacTool® Gecko Gauge

Joint Flashing - Adding flashing behind butt joints provides an extra level of protection against the entry of water at the joint.

Hardie™ Trim Flat Tabs - Eliminate face nails and improve the aesthetic of trim applications around windows, doors and band boards.

Hardie™ Trim Corner Tabs - To eliminate face nail holes that would detract from the finished look of corner trim installations.



*For matching Dream Collection® products, contact your local James Hardie representative.
PacTool and PacTool Gecko Gauge are registered trademarks for General Tools & Instruments Company LLC .
QUAD MAX is a registered trademark for HENKEL AG & CO. KGAA.
Diablo is a registered trademark of Freud America, Inc.



Hardie®
Artisan® Siding
Shiplap

Bring your vision to life.

HARDIE™ DESIGNER,
POWERED BY HOVER

See how beautifully things can come together with the Hardie™ Designer, powered by Hover. Using just one photo of your exterior, you can instantly visualize your home in a variety of architectural styles and product designs.



Start Your Design



What The Best Are Made Of™

1.888.542.7343

jameshardie.com



TimberlineHDZ[®]

High Definition[®] Lifetime[†] Shingles



Engineered to be first. Built to last.

Our #1-selling shingle represents a legacy of relentless innovation — delivering the peak performance and dependability customers trust.

We protect what matters most™





Peace of mind starts here

We stand behind our #1-selling shingle with industry-first technologies and powerful warranties.



Infinite windspeed protection¹

Timberline HDZ[®] Shingles are eligible for the industry's first wind warranty with no windspeed limit when installed with four required GAF accessories.



25-year advanced algae protection²

Powered by industry-first time-release algae-fighting technology, protect your roof investment with algae resistance so powerful it allows us to offer a 25-year limited warranty against blue-green algae discoloration.



Lifetime[†] Limited Warranty

Timberline HDZ[®] Shingles come with a Lifetime[†] Limited Warranty against manufacturing defects.



Strong impact-resistance rating⁴

Timberline HDZ[®] Shingles pass UL 2218 Impact-Resistance Test with a Class 3 rating and may qualify for insurance discounts.³

¹ Lifetime refers to the length of warranty coverage provided and means as long as the original individual owner(s) of a single-family detached residence [or eligible second owner(s)] owns the property where the qualifying GAF products are installed. For other owners/structures, Lifetime coverage is not applicable. Lifetime coverage on shingles requires the use of GAF Lifetime shingles only. See the *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products. Lifetime coverage on shingles and accessories requires the use of any GAF Lifetime shingle and at least 3 qualifying GAF accessories. See the *GAF Roofing System Limited Warranty* for complete coverage and restrictions. For installations not eligible for the *GAF Roofing System Limited Warranty*, see the *GAF Shingle & Accessory Limited Warranty*. Visit gaf.com/LRS for qualifying GAF products.

² 15-year WindProven[™] Limited Wind Warranty covers GAF shingles with LayerLock[®] Technology only and requires the use of GAF starter strips, roof deck protection, ridge cap shingles, and leak barrier or attic ventilation. See *GAF Roofing System Limited Warranty* for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products. For installations not eligible for the WindProven[™] Limited Wind Warranty, see *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

³ 25-year StainGuard Plus[™] Algae Protection Limited Warranty against blue-green algae discoloration is available only on products sold in packages bearing the StainGuard Plus[™] logo. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

⁴ Only Timberline HDZ[®] Shingles sold in packages bearing the UL 2218 Class 3 Classification statement are rated for Class 3 impact resistance. Test performed under controlled laboratory conditions. GAF makes no express or implied warranty about the impact performance of this product against hail. Hail damage is not covered under the limited warranty. Insurance discounts may not be available in your area. Where available, insurance discounts may vary. Contact your insurance provider for information.

Choose a system built to protect

Much more than high-quality shingles, the GAF residential roofing system has multiple layers that work together to provide durable, weather-resistant protection.

Install any GAF Lifetime[†] shingle and any 3 qualifying GAF accessories and get a Lifetime[†] Limited Warranty on your qualifying GAF products plus non-prorated coverage for the first 10 years.

For even stronger coverage, ask your GAF factory-certified contractor¹ about enhanced GAF warranties.

Rooftop Accessories
Specialty accessories engineered to help keep the system dry, strong, and looking its best

Ridge Cap Shingles

Helps defend against leaks at the hips and ridges

Attic Ventilation

Helps reduce attic moisture and heat

Lifetime[†] Shingles

Helps beautify and protect for years to come

Starter Strip Shingles

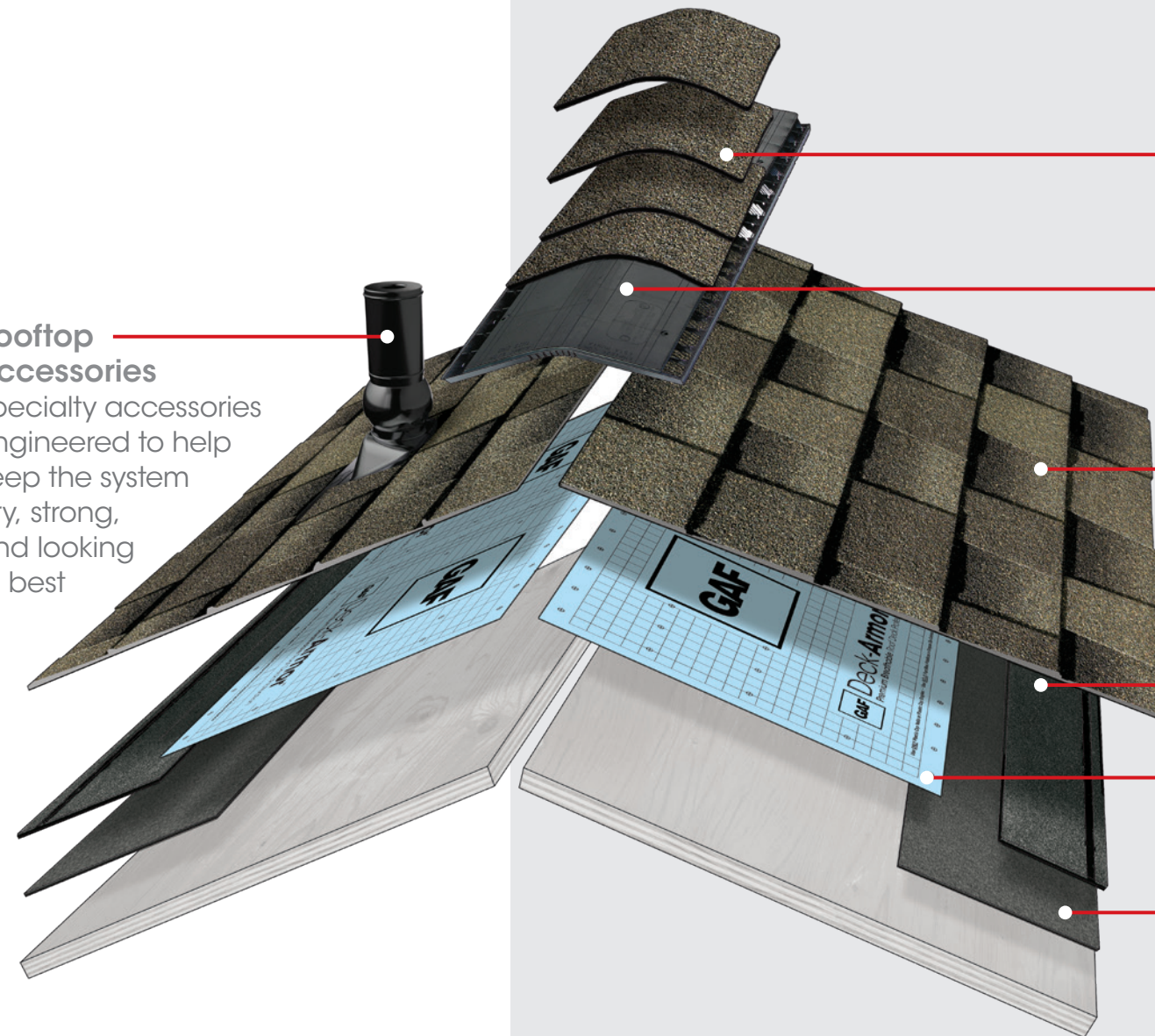
Helps guard against shingle blow-offs

Roof Deck Protection

Helps shield the roof deck from moisture infiltration

Leak Barrier

Helps prevent leaks caused by wind-driven rain and ice dams



Visit gaf.com/system to learn about the GAF Roofing System



[†] Lifetime refers to the length of warranty coverage provided and means as long as the original individual owner(s) of a single-family detached residence [or eligible second owner(s)] owns the property where the qualifying GAF products are installed. For other owners/structures, Lifetime coverage is not applicable. Lifetime coverage on shingles requires the use of GAF Lifetime shingles only. See the *GAF shingle & Accessory Limited Warranty* for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products. Lifetime coverage on shingles and accessories requires the use of any GAF Lifetime shingle and at least 3 qualifying GAF accessories. See the *GAF Roofing System Limited Warranty* for complete coverage and restrictions. For installations not eligible for the *GAF Roofing System Limited Warranty*, see the *GAF Shingle & Accessory Limited Warranty*. Visit gaf.com/LRS for qualifying GAF products.

¹ Contractors enrolled in GAF certification programs are not employees or agents of GAF, and GAF does not control or otherwise supervise these independent businesses. Contractors may receive benefits, such as loyalty rewards points and discounts on marketing tools from GAF for participating in the program and offering GAF enhanced warranties, which require the use of a minimum amount of GAF products. Your dealings with a Contractor, and any services they provide to you, are subject to the *Contractor Terms of Use*. Visit gaf.com/gaf-contractor-terms-of-use for details.

Two distinct color collections to complement any home

Timberline HDZ® Shingles provide two distinct color collections, delivering unrivaled beauty that demands a second look.

For the Timberline® look you know and love, High Definition® colors are designed to create exceptional depth and dimension with their patented shadow bands. For a shingle that makes a statement, Bold Definition colors are bursting with rich tones and striking contrasts curated to deliver distinct looks that never go out of style.

With two great looks to choose from, Timberline HDZ® Shingles always make a great first impression.



Shakewood

An appealing blend of browns, tans, and gold, warm radiant Shakewood pairs equally well with neutral beige and clay tones, as well as deeper jewel tones.



Charcoal

Charcoal is the most neutral of shades, and works wonderfully with blues, grays, whites, yellow, gold, sage, and green.

Note: It is difficult to reproduce the color clarity and actual color blends of these products. Before selecting your color, please ask to see several full-size shingles.

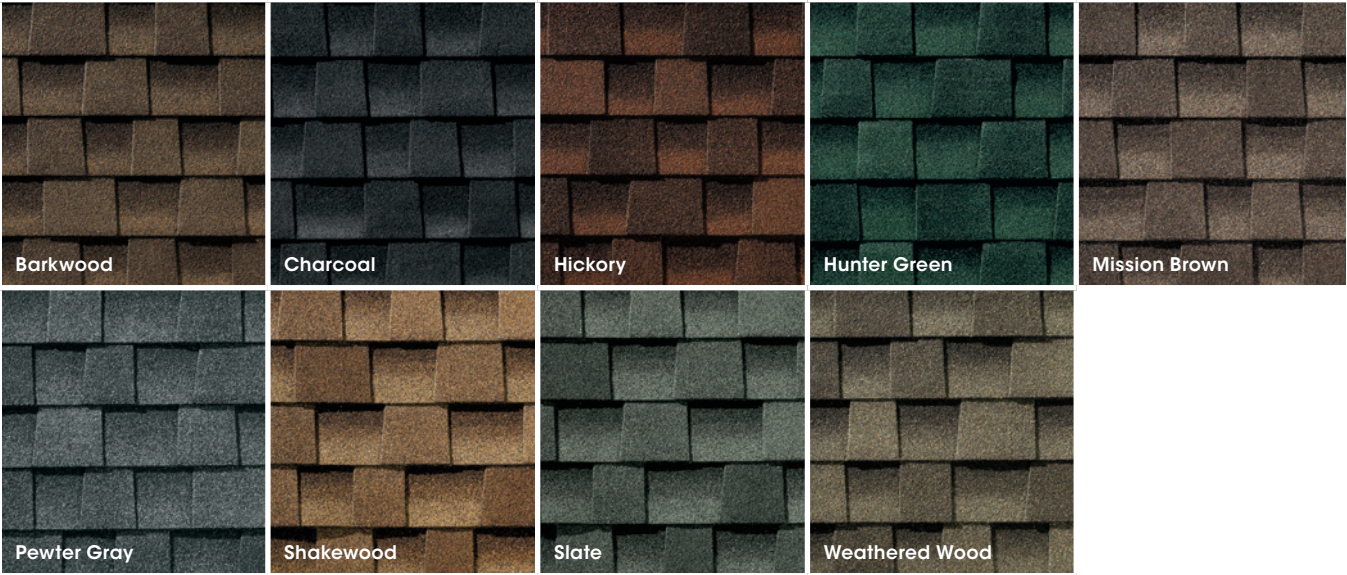


Midnight Mesa

A subtle blend of dark grays, browns, and black capturing the stillness of a desert evening.

Note: It is difficult to reproduce the color clarity and actual color blends of these products. Before selecting your color, please ask to see several full-size shingles.

Nationally Available High Definition[®] Colors



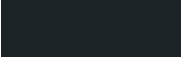
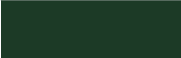
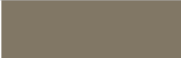
Bold Definition Colors

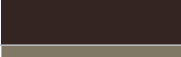


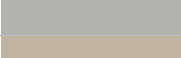
Regionally Available High Definition[®] Colors



Note: It is difficult to reproduce the color clarity and actual color blends of these products. Before selecting your color, please ask to see several full-size shingles.

							
National High Definition [®] Colors		NE	CE	SW	WE	TU	TA
Barkwood		✓	✓	✓	✓	✓	✓
Charcoal		✓	✓	✓	✓	✓	✓
Hickory		✓	✓	✓	✓	✓	✓
Hunter Green		✓	✓	✓	✓	✓	✓
Mission Brown		✓	✓	✓	✓	✓	✓
Pewter Gray		✓	✓	✓	✓	✓	✓
Shakewood		✓	✓	✓	✓	✓	✓
Slate		✓	✓	✓	✓	✓	✓
Weathered Wood		✓	✓	✓	✓	✓	✓

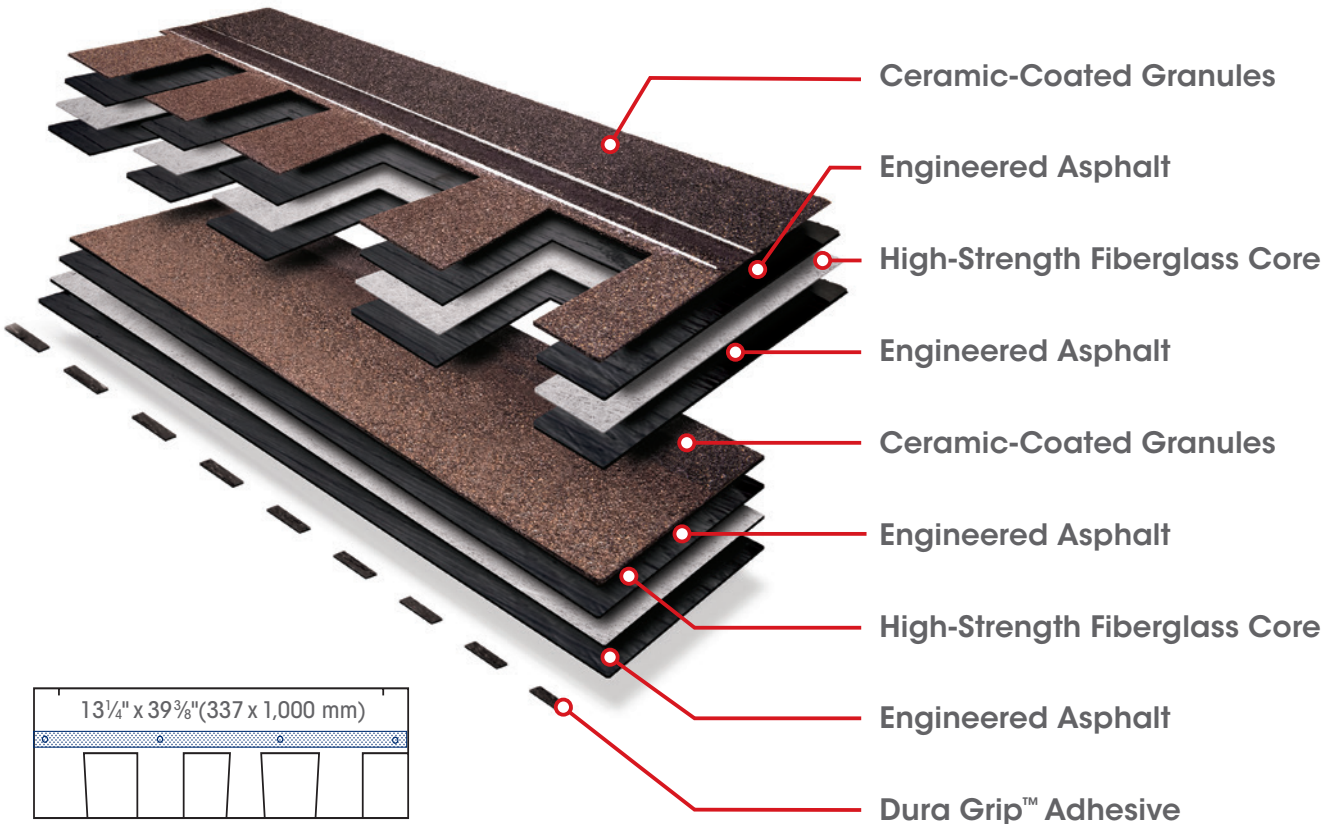
Bold Definition Colors							
Chestnut Valley		✓	✓	✓	✓	✓	✓
Cliffside		✓	✓	✓	✓	✓	✓
Midnight Mesa		✓	✓	✓	✓	✓	✓
Sierra Sand		✓	✓	✓	✓	✓	✓

Regional High Definition [®] Colors							
Birchwood			✓		✓	✓	✓
Biscayne Blue		✓					
Copper Canyon					✓		
Driftwood							✓
Fox Hollow Gray		✓	✓				
Golden Amber					✓		
Oyster Gray		✓				✓	✓
Patriot Red		✓					
Sunset Brick							✓
Williamsburg Slate		✓	✓				

For more details visit gaf.com/TimberlineHDZ

Put your trust in the protective layers of a Timberline HDZ® Shingle

Built without compromise, Timberline HDZ® Shingles represent a legacy of relentless innovation — delivering the peak performance and dependability customers trust.



Product/system specifics:

- Fiberglass asphalt construction
- Dimensions (approx.): 13 1/4" x 39 3/8" (337 mm x 1,000 mm)
- Exposure: 5 5/8" (143 mm)
- Bundles/Square: 3
- Pieces/Square: 64
- StainGuard Plus™ Algae Protection Limited Warranty¹
- Hip/Ridge: TimberTex®³; TimberCrest®; Seal-A-Ridge®³; Z®Ridge; Ridglass®
- Starter: Pro-Start®; QuickStart®; WeatherBlocker™

Applicable standards & protocols:

- Passes UL 2218 Impact-Resistance Test with Class 3 rating
- State of Florida approved
- Classified by UL in accordance with ICC-ES AC438
- Meets ASTM D7158, Class H
- Meets ASTM D3161, Class F
- Meets ASTM D3018 Type 1
- Meets ASTM D34622
- Miami-Dade County Product Control approved
- ICC-ES Evaluation Reports ESR-1475 and ESR-3267
- Meets Texas Department of Insurance Requirements
- Birchwood, Copper Canyon, and Golden Amber are rated by the CRRC; Can be used to comply with 2022 Title 24 Part 6 Cool Roof Requirements of the California Code of Regulations.

TimberTex® and TimberCrest® Premium Ridge Cap Shingles

Hip & ridge cap shingles accentuate the natural beauty of your architectural shingle roof. They're the perfect finishing touch that helps defend against leaks at the hips and ridges.



TimberTex® and TimberCrest® Premium Ridge Cap Shingles are designed to complement the color of your Timberline® shingles. To ensure the closest color consistency for your roof, ask your contractor to use genuine TimberTex® or TimberCrest® Premium Ridge Cap Shingles.¹

- Accentuate the beauty of your newly installed shingle roof
- Protect against leaks and blow-offs at the hip and ridge areas of your roof
- Complement the color of your GAF shingles with hip and ridge cap shingles manufactured by GAF
- 25-year StainGuard Plus™ Algae Protection Limited Warranty² against blue-green algae discoloration uses GAF time-release algae-fighting technology to help protect your ridge cap shingles from unsightly stains.

Also available¹



Visit gaf.com/ridgecaps

¹ 25-year StainGuard Plus™ Algae Protection Limited Warranty against blue-green algae discoloration is available only on products sold in packages bearing the StainGuard Plus™ logo. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

² Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.

¹ These products are not available in all areas. See gaf.com/ridgecapavailability for details.

² 25-year StainGuard Plus™ Algae Protection Limited Warranty against blue-green algae discoloration is available only on products sold in packages bearing the StainGuard Plus™ logo. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.



Color shown: Mission Brown



Pella®
Reserve™
Traditional

Photograph(s):
© Scott Barrow
Photography



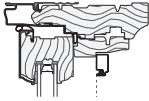
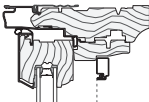
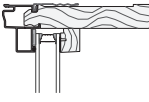
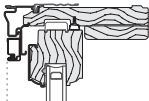
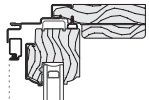
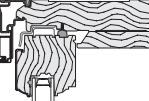
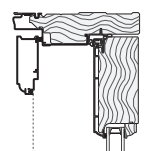
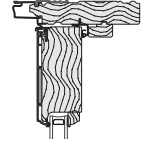
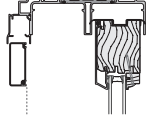
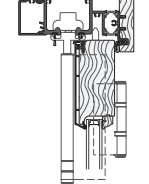
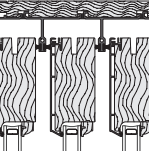
Authentically Detailed.

Meticulously designed to replicate the historical millwork process, Pella® Reserve™ Traditional offers unparalleled authenticity. Each piece is original, featuring excellent craftsmanship to reflect your project's unique personality and customized to fit your vision.

- A wide range of glazing options, including impact-resistant.
- Divided light options available in Integral Light Technology® grilles, or grilles-between-the-glass with standard or custom patterns.
- Wide range of historically authentic features and attributes including butt joinery and through stiles.
- Two exterior sash and grille profiles are available: Ogee and Putty Glaze.
- Virtually unlimited exterior color options with EnduraClad® protective finish, including custom colors.



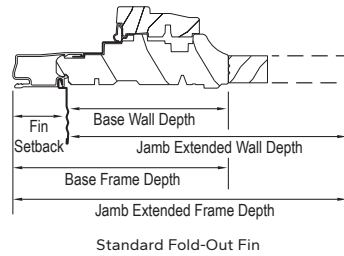
Wood Windows
and Patio Doors

	Cross Section	Frame / Install	Wall Depth Range	Performance Range
Awning Vent and Fixed		Fold-out Fin Block Frame EnduraClad Exterior Trim / Brickmould	Base Frame Depth: 5" Std. Fin Setback: 1-5/16" Base Wall Depth: 3-11/16" Jamb extended wall depth: 3-11/16" – 9-3/16"	LC30 – CW50 U: 0.20 – 0.49 SHGC: 0.16 – 0.54 STC: up to 33
Casement Vent and Fixed		Fold-out Fin Block Frame EnduraClad Exterior Trim / Brickmould	Base Frame Depth: 5" Std. Fin Setback: 1-5/16" Base Wall Depth: 3-11/16" Jamb extended wall depth: 3-11/16" – 9-3/16"	LC30 – CW50 U: 0.19 – 0.51 SHGC: 0.16 – 0.64 STC: up to 34
Fixed Frame Direct Set		Standard Fold-out Fin Block Frame EnduraClad Exterior Trim / Brickmould	Base Frame Depth: 5" Std. Fin Setback: 1-3/16" Base Wall Depth: 3-11/16" Jamb Extended Wall Depth: 3-11/16" – 9-3/16"	F-CW30 – F-AW90 U: 0.17 – 0.48 SHGC: 0.20 – 0.68 STC: up to 38
Single and Double-Hung		Fold-out Fin Block Frame EnduraClad Exterior Trim / Brickmould	Base Frame Depth: 5" Std. Fin Setback: 1-5/16" Base Wall Depth: 3-11/16" Jamb extended wall depth: 3-11/16" – 9-3/16"	CW30 – CW50 U: 0.24 – 0.46 SHGC: 0.19 – 0.60 STC: up to 33
Precision Fit Double-Hung		Pocket Replacement	Overall frame depth: 4" Pocket frame depth: 3-1/4"	CW40 – CW50 U: 0.25 – 0.46 SHGC: 0.19 – 0.61
Monumental-Hung		Fold-out Fin Block Frame EnduraClad Exterior Trim / Brickmould	Base Frame Depth: 5-7/8" Std. Fin Setback: 1-5/16" Base Wall Depth: 4-9/16" Jamb extended wall depth: 4-9/16" – 7-3/16"	LC25 – CW50 U: 0.20 – 0.44 SHGC: 0.16 – 0.54 STC: up to 33
In-Swing Patio Door		Fold-out Fin Block Frame EnduraClad Exterior Trim / Brickmould	Base Frame Depth: 5-7/8" Std. Fin Setback: 1-5/16" Base Wall Depth: 4-9/16" Extended wall depth: 4-9/16" – 7-5/16"	LC40 – LC55 U: 0.23 – 0.42 SHGC: 0.13 – 0.45 STC: up to 34
Out-Swing Patio Door		Fold-out Fin Block Frame EnduraClad Exterior Trim / Brickmould	Base Frame Depth: 5-7/8" Std. Fin Setback: 1-5/16" Base Wall Depth: 4-9/16" Jamb Extended wall depth: 4-9/16" – 9-3/16"	LC50 – LC70 U: 0.22 – 0.42 SHGC: 0.13 – 0.44 STC: up to 35
Sliding Patio Door		Fold-out Fin Block Frame EnduraClad Exterior Trim / Brickmould	Base Frame Depth: 5-7/8" Std. Fin Setback: 1-5/16" Base Wall Depth: 4-9/16" Jamb Extended wall depth: 4-9/16" – 9-3/16"	R20 – LC50 U: 0.26 – 0.47 SHGC: 0.18 – 0.58 STC: up to 33
Bifold Patio Door		Contact your local Pella sales representative or Pella Architectural Solutions for assistance and additional details.		Out-Swing, Standard Sill: R15 - LC25 U: 0.26 – 0.44 SHGC: 0.13 – 0.45
Multi-slide Patio Door		Contact your local Pella sales representative or Pella Architectural Solutions for assistance and additional details.		1-1/2" Weep sill: R15 – LC35 Varies by sill type: U: 0.32 – 0.48 SHGC: 0.15 – 0.46

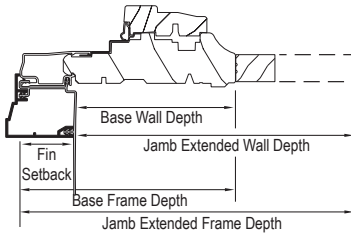
Performance ranges shown are for single units and do not account for combinations (multiple units mulled together) or include Impact-Resistant performance. ASTM E 1425 defines standard sizes for acoustical testing. Sound ratings achieved are representative of all sizes of the same configuration. Drawings are not to scale.

Brand Overview

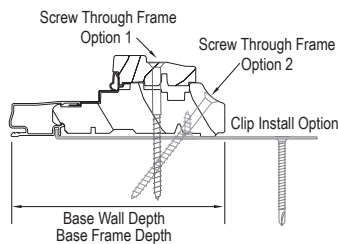
Window Frame Dimensions



Standard Fold-Out Fin

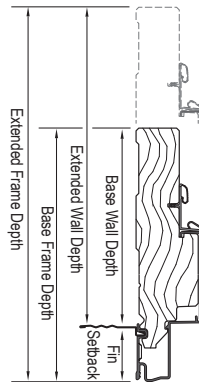


EnduraClad Exterior Trim / Brickmould

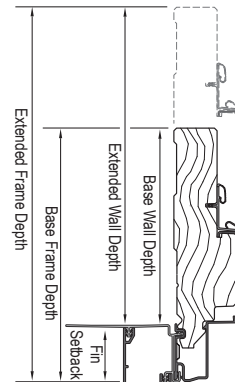


Block Frame/ Installation Clip

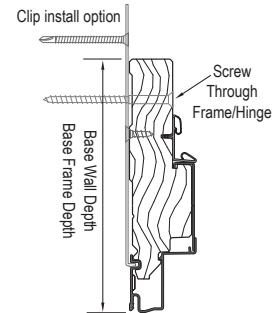
In-Swing Door Frame Dimensions



Standard Fold-Out Fin

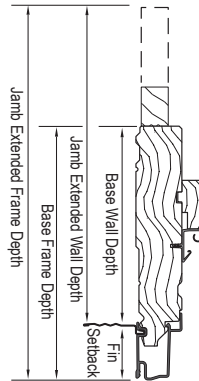


EnduraClad Exterior Trim / Brickmould

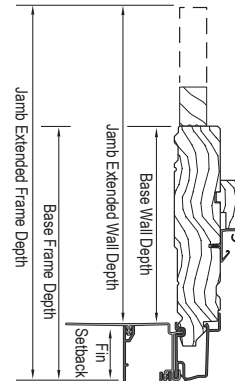


Block Frame/ Installation Clip

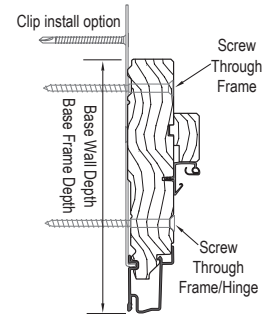
Out-Swing Door Frame Dimensions



Standard Fold-Out Fin



EnduraClad Exterior Trim / Brickmould



Block Frame/ Installation Clip

Window and door frames shown are typical products only and may not apply to specialty windows, custom products or multi-panel patio doors.



For installation instructions visit <https://www.pella.com/professionals/installation-instructions/>

Use this Quick-Read (QR) code with your mobile device for quick access.

Internet connection is required.



Rolscreen® Retractable Screens

Optional Rolscreen Retractable Screen rolls out of sight when you're not using it, so the screen stays protected.

Soft-closing retractable screens are available for casement windows.

Integrated Rolscreen® Retractable Screen

Our patented retractable screen that moves seamlessly with the sash of a single- or double-hung window – appearing when you open the window and rolling out of sight when you close it. Providing a cleaner, more polished look that allows more natural light into the space than a full screen.

This feature is exclusively offered on Pella® Reserve™ windows.

WARNING: Screen will not stop child or pet from falling out of window or door. Keep child or pet away from open window or door.

Finishes

EnduraClad® Protective Finish Options + Virtually Unlimited Custom Colors and Wood Options



Interior Prefinished Colors



Screens



InView™ Screen

Standard screen on Pella wood windows, as well as Rolscreen® retractable screen on casement windows, and Integrated Rolscreen® on Pella® Reserve™ single- and double-hung windows.

Vinyl coated 18/18 mesh fiberglass. Complies with performance requirements of SMA 1201.

TuffScreen® by Phifer®

The TuffScreen is 2.5x stronger than a standard screen. It is tear, puncture and damage resistant, standing up to pets, children and harsh weather. Now available on Pella wood sliding patio doors.

Vinyl coated 17 x 12.5 mesh Polyester. Complies with performance requirements of SMA 1201.

Because of printing and display limitations, actual colors may vary from those shown.

(1) Based on the composite results of a 5-panel strength analysis comparing Tuffscreen and standard screening. The TuffScreen trademark is property of Phifer Incorporated.

WARNING: Screen will not stop child or pet from falling out of window or door. Keep child or pet away from open window or door.

Brand Overview

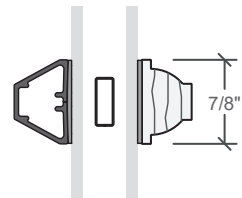
Grilles

For a full list of grille size and pattern availability, contact your local Pella sales representative.

Integral Light Technology® Grilles

- Extruded aluminum or wood grilles are adhered to the exterior face
- Wood grilles are adhered to the interior face
- Between-the-glass non-glare spacers, which are aligned with the interior and exterior grilles, replicate the appearance of true divided lights
- Typical grilles are 7/8" wide Putty Glazed or Ogee profile, other standard and custom widths are available
- Custom grille patterns are available

Grille Profile

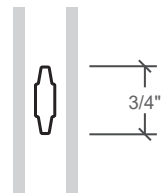


5/8", 7/8", 1-1/4", and 2" widths

Grilles-Between-the-Glass¹

- Permanent aluminum grilles are factory-installed inside the airspace of insulating glass
- Black, White, Brown, Fossil, Ivory, Harvest, or Cordovan.
- Colors complement today's most popular interior finishes; choose a color to coordinate with the window or door frame, or select a contrasting grille color for a one-of-a-kind look
- Grilles are 3/4" wide

Grille Profile



3/4" width

GBG Colors



Available Patterns

Traditional	9-Lite Prairie	Top Row	Cross	Custom Equally Divided

Pattern availability may vary depending on size of unit.

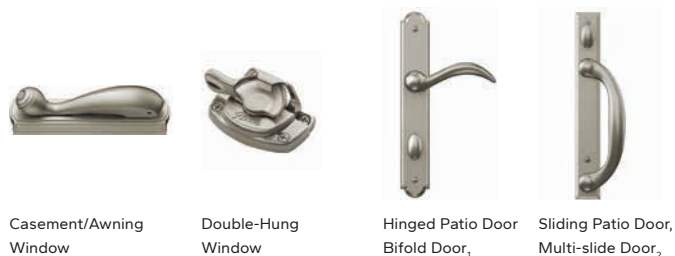
Custom configurations are also available; for details contact your local Pella sales representative.

¹) Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.

Hardware

Consult your local Pella sales representative for a full list of available hardware options.

Rustic Collection



Finishes



Classic Collection



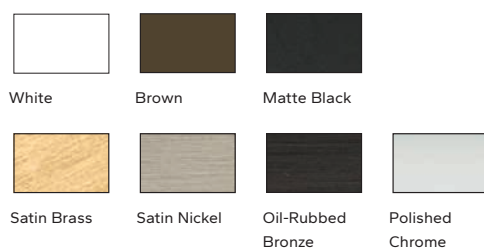
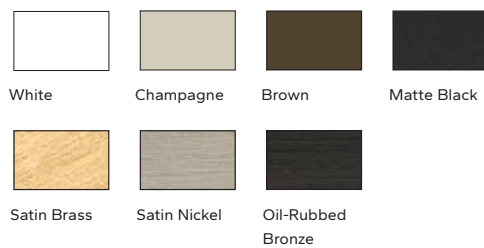
Finishes



Essential Collection

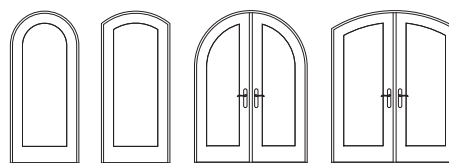
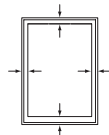
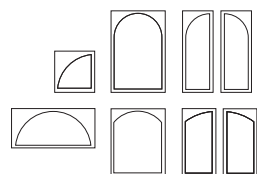


Finishes



Custom Capabilities

Consult your local Pella sales representative for available options.



(1) Only available on Bifold configurations with a passage door. (2) Will not allow lead panel to stack completely. Because of printing and display limitations, actual colors may vary from those shown.