

VILLAGE DENTAL



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ABBREVIATIONS	
ABV	ABOVE
AC	AIR CONDITIONING
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
AHJ	AUTHORITY HAVING JURISDICTION
ALUM	ALUMINUM
APPROX.	APPROXIMATELY
ARCH	ARCHITECTURAL
ASPH	ASPHALT
BD	BOARD
BLDG	BUILDING
BRG	BEARING
BOTT	BOTTOM
BTW	BETWEEN
CF	CUBIC FEET
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
DBL	DOUBLE
DEPT	DEPARTMENT
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
EA	EACH
ELEC	ELECTRICAL
EQ	EQUAL
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPOSED
EXT	EXTERIOR
FD	FLOOR DRAIN
FIN	FINISHED
FIN	FOUNDATION
FIN	FINISHED
FLR	FLOOR
FT	FOOT
FTG	FOOTING
FUR	FURRING
GA	GALVANIZED
GC	GENERAL CONTRACTOR
GYP BD	GYPSPUM BOARD
GYP	GYPSPUM
HC	HOLLOW CORE
HDWR	HARDWARE
HM	HOLLOW METAL
HVAC	HEATING, VENTILATION, AND AIR COND.
HT	HEIGHT
INSUL	INSULATION
JST	JOIST
LAM	LAMINATED
LF	LINEAR FOOT
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MFG	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MC	CONCRETE MASONRY UNIT
MTD	MOUNTED
MTL	METAL
NOM	NOMINAL
NTS	NOT TO SCALE
OV	OVER
O.C.	ON CENTER
OPN	OPENING
PRFAB	PREFABRICATED
PLYWD	PLYWOOD
P.LAM	PLASTIC LAMINATE
PR	PAIR
PSI	POUNDS PER SQUARE INCH
REF	REFERENCE
RM	ROOM
RO	ROUGH OPENING
REQ	REQUIRED
SC	SOLID CORE
SECT	SECTION
SM	SIMILAR
STRUC	STRUCTURAL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
W	WITH
WWF	WELDED WIRE FABRIC

SYMBOLS	
	DETAIL
	EXTERIOR ELEVATION
	BUILDING SECTION
	INTERIOR ELEVATION
	WALL SECTION
	CENTERLINE AND GRID
	WALL TYPE
	DOOR TAG
	CODED NOTE
	SPOT ELEVATION

MATERIALS LEGEND	
	DIMENSIONAL LUMBER
	GRAVEL
	PLYWOOD
	CONCRETE
	FINISH WOOD
	CONCRETE BLOCK
	GYPSPUM BOARD
	STEEL
	BRICK
	RIGID INSULATION
	EARTH
	SPRAY FOAM INSULATION
	STONE VENEER
	MINERAL WOOL INSULATION
	BLOCKING
	METAL DECK

PROJECT GENERAL NOTES

CONTRACTOR SHALL PROVIDE ALL MATERIALS AND WORKMANSHIP FOR ALL CONSTRUCTION REQUIRED HEREIN AND SHALL BE IN ACCORDANCE WITH THE:

COMMERCIAL BUILDING CODE: 2024 OF OHIO (IBC 2021 + AMENDMENTS)
EXISTING BUILDING CODE: 2024 OF OHIO (IBC 2021 + AMENDMENTS)
RESIDENTIAL BUILDING CODE: 2019 OF OHIO (IRC 2018 + AMENDMENTS)
MECHANICAL CODE: 2024 OF OHIO (MCC 2021 + AMENDMENTS)
ELECTRICAL CODE: 2023 OF OHIO (NFPA 70: 2023 + AMENDMENTS)
PLUMBING CODE: 2024 OF OHIO (IPC 2021 + AMENDMENTS)
ENERGY CONSERVATION CODE: 2021 OF OHIO (IECC 2021 + AMENDMENTS)
ACCESSIBILITY CODE: 2017 OF OHIO (A117.1, 2017 + AMENDMENTS)
FUEL AND GAS CODE: 2021 OF OHIO (IFGC 2021 + AMENDMENTS)
FIRE CODE: 2017 OF OHIO

THE CONTRACTOR WILL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, PERMITS, TAXES, AND INSURANCE NECESSARY TO COMPLETE THE WORK INDICATED AND/OR IMPLIED IN THE CONSTRUCTION DOCUMENTS UNLESS NOTED OTHERWISE AND WILL COORDINATE THE WORK RESPONSIBILITIES OF ALL SUBCONTRACTORS, ALL LABOR AND MATERIALS TO CARRY OUT FULLY THE INTENTIONS OF THE PLANS AND SPECIFICATIONS ARE PART OF THE CONTRACT, WHETHER OR NOT SPECIFICALLY DOCUMENTED.

ALL WORK WILL CONFORM TO THE CURRENT OHIO BUILDING, MECHANICAL & PLUMBING CODES, AS WELL AS THE CURRENT NATIONAL BOARD OF FIRE UNDERWRITERS AND ALL OTHER APPLICABLE CITY CODES, LOCAL LAWS, AND AUTHORITIES HAVING JURISDICTION, CODE STANDARDS AND PUBLICATIONS OF PRIVATE AND PUBLIC BODIES MENTIONED WITHIN THE SPECIFICATIONS OR ON THE DRAWINGS, WILL BE CONSIDERED TO BE THOSE IN FORCE AT THE TIME OF THE CONTRACT AWARD.

THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CONTROLLED INSPECTIONS AND ANY TECHNICAL TESTING REQUIRED FOR CONTROLLED INSPECTIONS AS STIPULATED BY ALL APPLICABLE CODES.

ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT WILL BE NEW AND FREE OF DEFECTS AND WILL BE SUPPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED, AND CONDITIONED AS DIRECTED BY THE RESPECTIVE MANUFACTURERS, UNLESS SPECIFIED OTHERWISE.

THE CONTRACTOR WILL NOTIFY THE ARCHITECT OF ANY ERRORS, OMISSIONS, CONFLICTS, OR AMBIGUITIES IN AND BETWEEN THE DRAWINGS AND THE SPECIFICATIONS PRIOR TO PROCEEDING WITH THE WORK. IF SUCH NOTICE IS NOT FURNISHED TO THE ARCHITECT, THE CONTRACTOR WILL BE DEEMED TO HAVE INSPECTED THE DRAWINGS AND SPECIFICATIONS AND TO HAVE FOUND THEM IN PROPER FORM FOR EXECUTION.

THE CONTRACTOR REPRESENTS THAT HE HAS HAD ADEQUATE ACCESS TO THE JOB SITE AND BUILDING AREA IN WHICH THE WORK IS TO BE PERFORMED, THAT HE HAS SATISFIED HIMSELF AS TO THE NATURE AND LOCATION OF WORK, INCLUDING ANY OBSTRUCTIONS, SCOPE OF WORK, ACTUAL LEVELS, THE EQUIPMENT AND FACILITIES NEEDED PRELIMINARY TO AND DURING THE EXECUTION OF THE WORK AND ALL OTHER MATTERS WHICH CAN IN ANY WAY AFFECT THE WORK OR THE COST THEREOF UNDER THIS CONTRACT, AND THAT HE HAS STUDIED THE CONTRACT DOCUMENTS AND ALL OTHER DOCUMENTS PERTAINING TO THE INSTALLATION OF OTHER TRADES WHOSE WORK MAY INTERFERE WITH HIS WORK.

THE CONTRACTOR WILL ASSUME FULL RESPONSIBILITY, INCLUDING RESPONSIBILITY FOR ALL RELATED COSTS FOR ANY AND ALL WORK DONE WITHOUT THE APPROVAL OF THE ARCHITECT IF SUCH WORK IS IN CONFLICT WITH THE CONTRACT, DRAWINGS, OR SPECIFICATIONS.

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE SAFE WORKING CONDITIONS AT THE SITE. THE ARCHITECT AND OWNER WILL NOT BE DEEMED TO HAVE ANY RESPONSIBILITY OR LIABILITY IN CONNECTION HEREWITH.

CONSTRUCTION OPERATIONS WILL NOT INVOLVE INTERRUPTION OF HEATING, WATER, ELECTRICAL, OR OTHER SERVICES TO ANY PORTION OF THE BUILDING OUTSIDE THE LIMITS OF THE CONSTRUCTION SITE. THE CONTRACTOR WILL BE RESPONSIBLE FOR CORRECTING ANY DEFICIENCIES CAUSED BY DEFECTIVE OR ILL-TIMED WORK AT NO ADDITIONAL COST TO THE OWNER.

NO SUBSTITUTIONS ARE PERMITTED EXCEPT WHERE THE TERM "APPROVED EQUAL" APPEARS. ALL SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ARCHITECT. THE CONTRACTOR IS TO SUBMIT SAMPLES OR CATALOG CUTS OF ALL VISIBLE MATERIALS AND EQUIPMENT FOR THE ARCHITECT'S APPROVAL PRIOR TO INSTALLATION.

CONTRACTOR TO MAINTAIN FULL SET OF PLANS AND INSTALLATION INSTRUCTIONS ON SITE.

PERFORM VISUAL INSPECTION OF ENVELOPE AND INSULATION TO MEET 2021 IECC, 402.5.1.5 *BUILDING ENVELOPE PERFORMANCE VERIFICATION* ITEM 2

PROJECT INFORMATION

TWO STORY COMMERCIAL ADDITION TO AN EXISTING HISTORIC STRUCTURE.

KNOWN AS PART OF GREAT LOT NO. 56 OF HUDSON TOWNSHIP AND PART OF BLOCK NO. 3 IN SAID VILLAGE BEGINNING AT THE INTERSECTION OF THE SOUTH LINE OF DIVISION STREET WITH THE EAST LINE OF EAST MAIN STREET WHICH POINT IS THE NORTHWEST CORNER OF SAID BLOCK; THENCE WITH THE SOUTH LINE OF SAID DIVISION STREET S 89° 47' 00" E 147.96 FEET TO AN IRON PIPE; THENCE WITH THE WEST LINE OF PREMISES SOLD TO L. LAUDENSLAGER S. 0° 28' 00" W. 30 FEET TO A POINT IN SAID LINE; THENCE WESTERLY ALONG A LINE DRAWN APPROXIMATELY PARALLEL TO THE SOUTH LINE OF DIVISION STREET TO A POINT IN THE EAST LINE OF EAST MAIN STREET, SAID BEING 30 FEET FROM THE POINT OF INTERSECTION OF THE SOUTH LINE OF DIVISION STREET WITH THE EAST LINE OF EAST MAIN STREET; THENCE WITH THE EAST LINE OF EAST MAIN STREET N. 0° 13' 00" E 30 FEET TO THE PLACE OF BEGINNING.

CITY: HUDSON
COUNTY: SUMMIT
PARCEL #: 3200737
ACRES: 0.1019
DISTRICT: 5 - VILLAGE CORE DISTRICT HISTORIC DISTRICT

SETBACKS:
FRONT YARD: AMIN. OF 75% OF THE FRONT WALL SHALL BE BUILT TO THE EDGE OF THE FRONT SIDEWALK.
REAR YARD: 10' EXCEPT WHEN ABUTTING A RESIDENTIAL USE THEN IT'S 20' 0' EXCEPT WHEN ABUTTING A RESIDENTIAL USE THEN IT'S 15'.
SIDE YARD: 10' EXCEPT WHEN ABUTTING A RESIDENTIAL USE THEN IT'S 15'.
MAX HEIGHT: 45'
ACTUAL HEIGHT: 23'-11"

USE: BUSINESS
CONSTRUCTION TYPE: V-B
PARKING: OFFICE + 1 SPACE / 400 SF AND 1 SPACE FOR EACH 200 SF AS MAX. PERMITTED PARKING
REQUIRED + 2 SPACES

GROSS ADDITION BUILDING AREAS:

SQUARE FOOTAGE	
ZONE	AREA
EXISTING FIRST FLOOR	1,105
EXISTING SECOND FLOOR	1,067
EXISTING THIRD FLOOR	620
FIRST FLOOR	576
SECOND FLOOR	525
	3,893 SF

ALLOWABLE BUILDING AREA:
B: 8,000 SF; NOT SPRINKLED

OCCUPANCY:
B: BUSINESS/OFFICE AREA = 150 GROSS
FIRST FLOOR: 272 / 150 = 4 OCCUPANTS
SECOND FLOOR: 525 / 150 = 4 OCCUPANTS
TOTAL = 8 OCCUPANTS

SECTION 1017.2: EXIT ACCESS TRAVEL DISTANCE FOR OCCUPANCY, NOT SUPPRESSED IS 200'

DRAWING INDEX

* DENOTES SHEETS PRINTED IN COLOR

*G1.00	COVER SHEET
C1.00	SITE PLAN
C-1.1	OVERALL PLAN
C-1.2	SWM PLAN
C-1.3	GENERAL NOTES
C-1.4	GENERAL NOTES
AS1.00a	SITE PHOTOS
AS1.00b	SITE PHOTOS
AS1.01	ARCHITECTURAL SITE PLAN
L0.01	LANDSCAPE PLAN
L0.02	LANDSCAPE PLANTING DETAILS
L0.03	LANDSCAPE SPECIFICATIONS
L0.04	LANDSCAPE SPECIFICATIONS
L0.05	LANDSCAPE SPECIFICATIONS
L0.06	LANDSCAPE SPECIFICATIONS
L0.07	LANDSCAPE SPECIFICATIONS
L0.08	LANDSCAPE SPECIFICATIONS
A1.00	EXISTING FLOOR PLAN
A1.01	FLOOR PLANS
A3.00	EXTERIOR ELEVATIONS
A4.00	BUILDING SECTIONS
A4.01	BUILDING SECTIONS
A5.00	ENLARGED PLANS
A6.00	SPECIFICATIONS
A6.01	SPECIFICATIONS

VILLAGE DENTAL
41 E. MAIN STREET, HUDSON, OH 44236

PROJECT #: 2501
ISSUE:
AHR REVIEW 04-01-2025
VARIANCE SET 04-17-2025
PLANNING COMMISSION 09-15-2025
PLANNING COMMISSION 10-27-2025
PLANNING COMMISSION 12-17-2025

COVER SHEET

*G1.00

**PROGRESS
NOT FOR
CONSTRUCTION**
2/16/2025

PROJECT TEAM:
P PENINSULA ARCHITECTS
CIVIL ENGINEER:
GUTOSKEY AND ASSOCIATES
P 406.543.0900
STRUCTURAL ENGINEER:
ORAVIC DESIGN BUILD
P 330.552.8211
MEP ENGINEER:
DEW ASSOCIATES
P 216.531.8880



DATE OF SURVEY: JULY 2025
REVISIONS:
1.)



0 5 10 20
SCALE: 1" = 10'

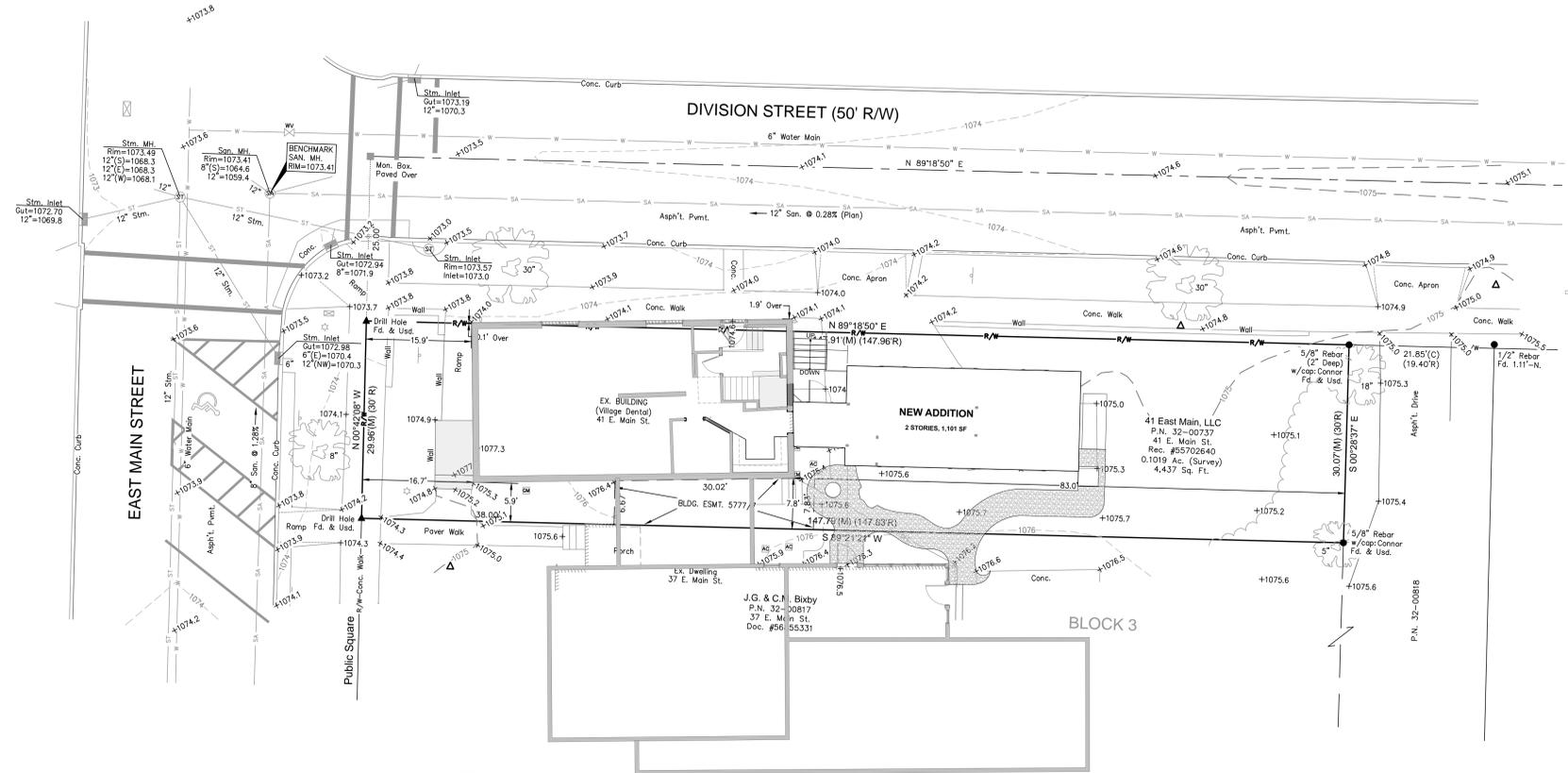
TOPOGRAPHIC SURVEY
FOR:
~ VILLAGE DENTAL HUDSON ~
41. E. MAIN ST.
HUDSON, OH 44236
SITUATED IN:
CITY OF HUDSON
SUMMIT COUNTY, OHIO:
BEING PART OF BLOCK 3, IN
FORMER VILLAGE, OF PART OF
ORIGINAL HUDSON TWP. LOT 56.

**LEGEND OF
SYMBOLS & ABBREVIATIONS**

- - 5/8"x30" Rebar Set w/cap/Dunford 8182
- △ - Nail, Drill Hole or Spike Set
- - Rebar or Iron Rod/Pin Found and Described
- ⊙ - Iron Pipe Found and Described
- - Monument Box Found and Described
- ▲ - Nail, Drill Hole or Spike Found & Described
- ST - Existing Storm Manhole
- - Existing Catch Basin
- - Existing Roof Drain
- - Existing Inlet Basin
- - Existing Sanitary Cleanout
- - Existing Sanitary Manhole
- - Existing Unidentified Manhole
- - Existing Hydrant/Auto Sprinkler
- - Existing Water Valve
- - Existing Gas Valve
- - Existing Gas Valve
- - Existing Gas Valve
- - Ex. Elec. Transformer
- - Ex. Pedestal
- - Existing Utility Pole
- - Existing Lightpole
- - Existing Guy Wire
- - Existing Mailbox
- - Existing Signal Pole
- - Existing Flag Pole
- - Existing Handhole
- - Existing Electric Meter
- - Existing Electric Meter
- - Existing Air Conditioner
- - Existing Telephone Manhole
- - Existing Electric Manhole
- - Existing Water Manhole
- - Existing Electric Manhole
- - Existing Deciduous Tree
- - Existing Conifer Tree
- - Ex. Contour
- - Existing Tree Line
- - Existing Sanitary Sewer
- - Existing Storm Sewer
- - Existing Waterline
- - Existing Underground Gas Line
- - Existing Overhead Utility Line

MISCELLANEOUS NOTES:

- 1.) The "BASIS OF BEARINGS" for this survey is GRID NORTH of the Ohio State Plane, North Zone as observed by GPS via the ODOT VRS network, based on the NAD83 (2011) reference frame; 2010.0 epoch. ALL DISTANCES SHOWN HEREON INDICATE GROUND DISTANCES IN US SURVEY FEET.
- 2.) The vertical datum for this survey is NAVD88 (Geoid18), as observed by GPS via the ODOT VRS network and referenced by benchmarks shown herein.
- 3.) The location of utilities shown hereon are based on observed evidence of above ground appurtenances used along with plan information and markings provided to the surveyor. The location of these utilities may vary and are subject to field verification prior to construction. Additional utilities may be encountered.
- 4.) 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.



BOUNDARY NOTE:
SEE BOUNDARY SURVEY PROVIDED TO
PROPERTY OWNER IN JANUARY OF 2025 FOR
FURTHER BOUNDARY RESOLUTION DETAILS.

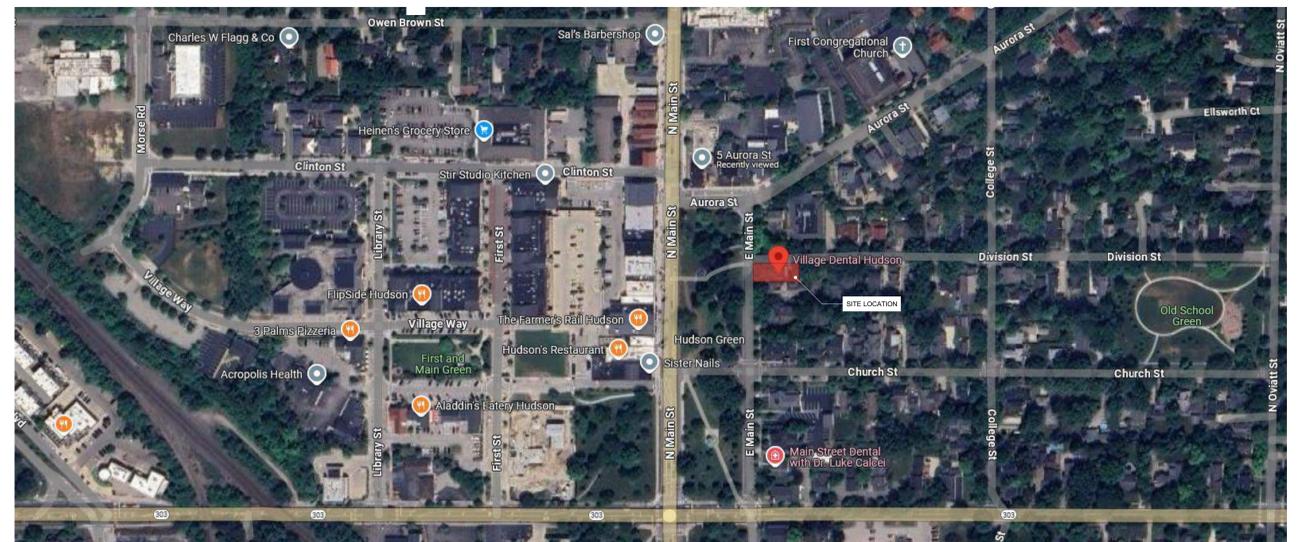


SURVEYED BY:
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PARCEL #: 3201593
PROJ: 2024093

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1 VICINITY MAP
NOT TO SCALE



PROGRESS
NOT FOR
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2/16/2025

PROJECT TEAM:
P PENINSULA
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SITE PHOTOS

AS1.00a

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PRECEDENT IMAGE 1



PRECEDENT IMAGE 2



PRECEDENT IMAGE 3



PRECEDENT IMAGE 4



RENDERED IMAGE 1



RENDERED IMAGE 2



RENDERED IMAGE 3



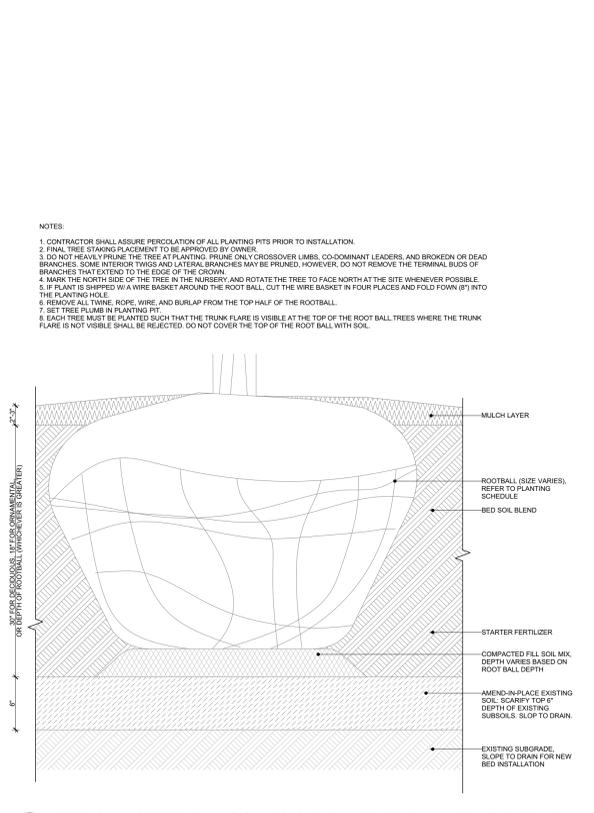
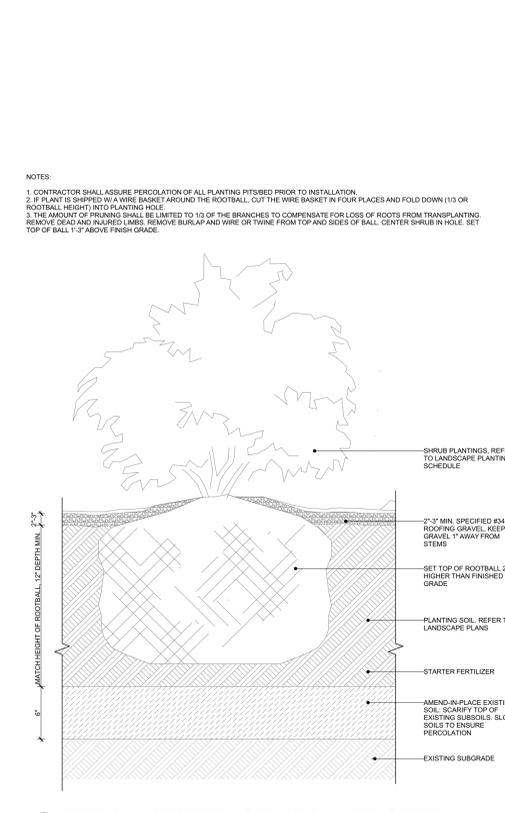
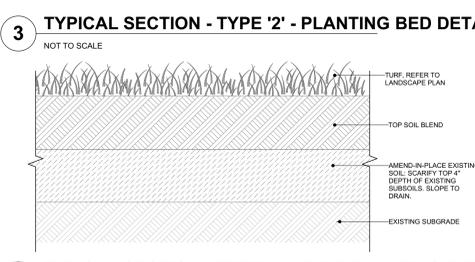
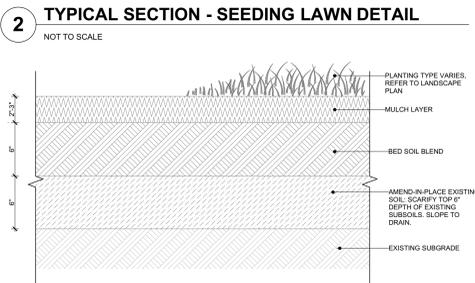
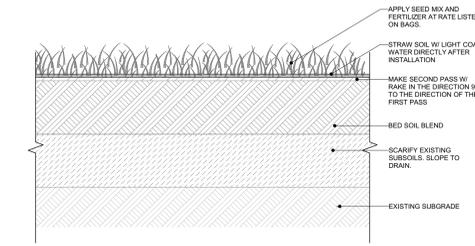
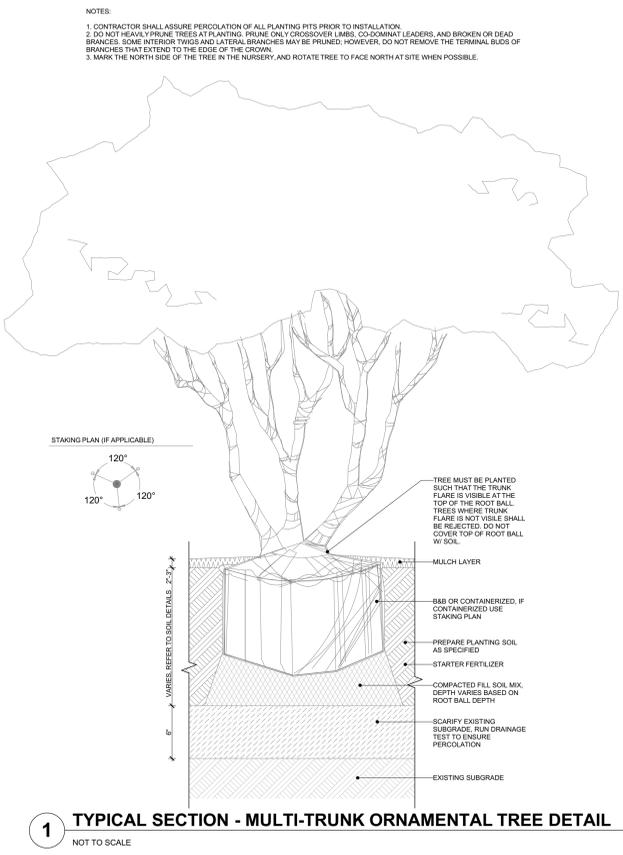
RENDERED IMAGE 4

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SITE PHOTOS

AS1.00b



Hand Crafted Copper Lighting

American Made, Hand Crafted Gas & Electric Lamps

AMERICAN GAS LAMP WORKS

ALL LAMPS AVAILABLE IN 3 SIZE OPTIONS

The Athena 401, 402, 403
 The Atlas 431, 432, 433
 The Equestrian 401, 402, 403
 The Kyro 401, 402, 403
 The Neptune 401, 402, 403
 The Oracle 401, 402, 403
 The State Street 3541, 3542, 3543
 The Vulcan 391, 392, 393

The Athena in Natural Copper with Iron Yoke Bracket Mount.

Lamp Mount Options

Iron Post Bracket Mount
 Copper Wallbox Mount
 Iron Wall Bracket Mount
 Iron Yoke Ceiling Mount

Refer to the Product Specification Sheets for compatible mounting options for each lamp.
 Pictured Above: The Atlas in all four mounting options.

Illustration Options

Open Gas Flame
 Get the original gas lamp look with Open Flame Burners that come in a charming maple leaf shape.

Electric Socket
 All lights can also come with incandescent fixtures for LED and traditional light bulbs.

Finish Options

Natural Copper
 Patina Antique
 Patina Green
 Traditional Black

Pictured Right: The Vulcan in Natural Copper with Iron Wall Bracket Mount.

For general inquiries, to place an order, or to become a retailer, please email: Sales@AmericanGasLamp.com or call (724) 274-7131 x140. For other products and options, visit our website at AmericanGasLamp.com

ATLAS

4 LEGENDARY LIGHTING

WALL MOUNT	H	W	D
AS1-W	27-1/2"	12"	15-1/16"
AS2-W	31"	14"	17-1/16"
AS3-W	40"	18"	22-1/4"

W	D		
AS1-CWB	22-5/16"	12"	14-5/8"
AS2-CWB	25-5/16"	14"	16-1/8"
AS3-CWB	32-7/8"	18"	21"

POST MOUNT	H	W	D
AS1-P	25-9/16"	12"	12"
AS2-P	28-9/16"	14"	14"
AS3-P	36-1/8"	18"	18"

CEILING MOUNT	H	W	D
AS1-Y	33-1/3/16"	23-7/8"	14-1/4"
AS2-Y	37-1/4"	25-3/4"	16-1/4"
AS3-Y	44-7/16"	33-3/4"	20-1/4"

AS2-W
 AS2-CWB
 AS2-P
 AS2GT-Y glass top

PROUDLY MADE IN THE USA

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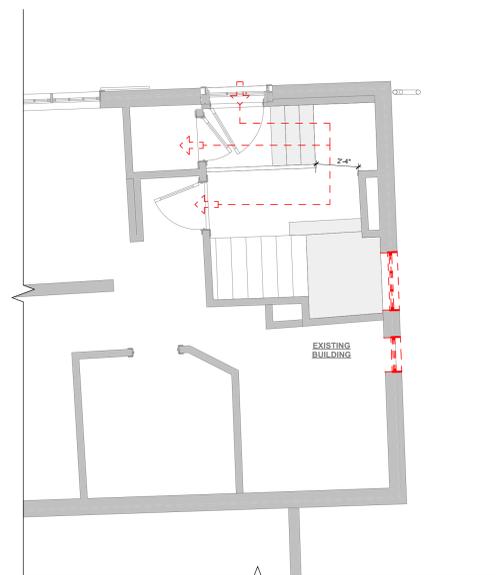
PROJECT TEAM:



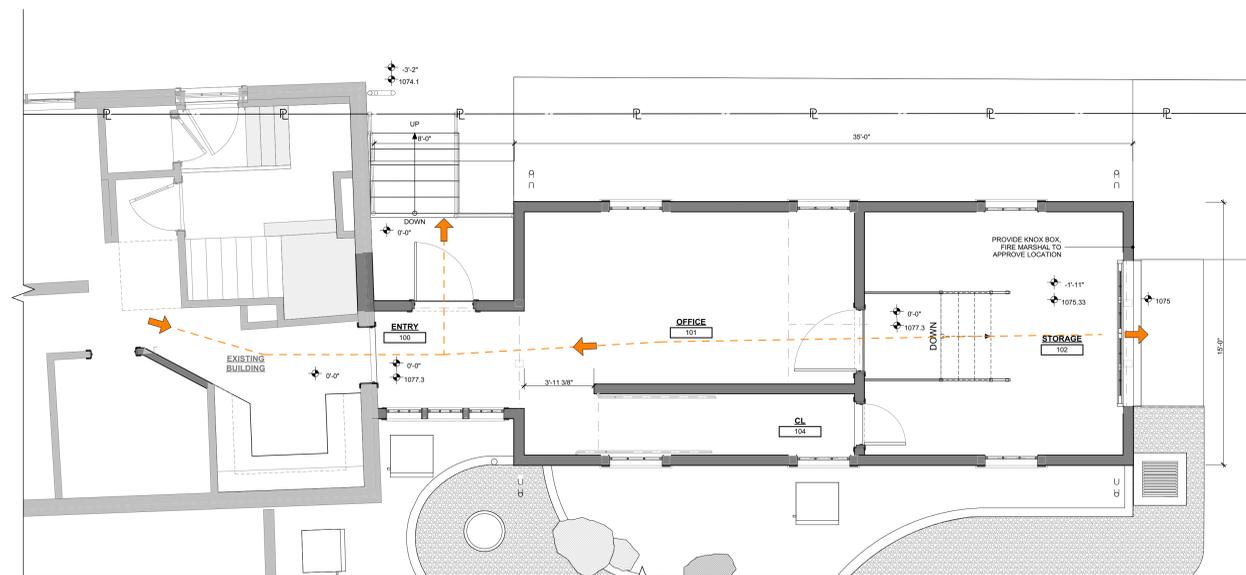
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1 EXISTING FIRST FLOOR ROUTE
SCALE: 1/4" = 1'-0"



1 PROPOSED FIRST FLOOR ROUTE
SCALE: 1/4" = 1'-0"



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EXISTING FLOOR PLAN

A1.00

FLOOR PLAN GENERAL NOTES

VERIFY DIMENSIONS AND CONDITIONS IN FIELD. WHEN DIMENSIONS AND/OR CONDITIONS AS INDICATED ON DRAWINGS CONFLICT WITH ACTUAL, CONTACT ARCHITECT FOR CLARIFICATION.
PROVIDE SOUND DEADENING INSULATION AROUND BEDROOMS, BATHROOMS, MECHANICAL ROOMS, AND PLUMBING STACKS.
BLOCK WEBS SOLID AT BEARING WALL LOCATIONS ABOVE.
CONTRACTOR TO EXTEND ALL FIRSTS DOWN TO EXISTING FOUNDATION. INSTALL FULL DEPTH SOLID BLOCKING AT ALL POINT LOAD LOCATIONS.
ALL FOOTINGS TO EXTEND DOWN TO FROST LEVEL MIN.
COORDINATE EXACT LOCATIONS OF FLOOR DRAIN WITH MECH CONTRACTOR.
PROVIDE 5/8" GYP BOARD TYPE "X" ON GARAGE CEILING.
ALL INTERIOR DOORS TO BE 1 7/8" SOLID CORE WOOD DOORS. COORDINATE WITH FINISH PLANS FOR FINAL FINISH SELECTIONS.
ALL INTERIOR TRIM TO BE POPLAR OR APPROVED EQUAL. COORDINATE WITH INTERIOR ELEVATIONS AND MILLWORK DRAWINGS FOR SELECT TYPES AND PROFILES.
ALL MILLWORK TO BE CUSTOM PER DRAWINGS.
REFER TO CONSULTANT DRAWINGS IF APPLICABLE FOR COORDINATION OF WORK BETWEEN TRADES.

FLOOR TRUSS CRITERIA
TCL= 30 PSF
TCLL= 10 PSF
BDCL= 15 PSF
NET UPLIFT= 15 PSF
180° APERTURE EXPOSURE 1.0 GB

ROOF TRUSS CRITERIA
TCLL= 25 PSF
TCL= 10 PSF
BDCL= 10 PSF
NET UPLIFT= 10 PSF
ATTIC LL= 40 PSF
ATTIC UL= 5.000
USE (2) SIMPSON SVD/C1960 SCREWS AT TRUSS BRG

WOOD HEADERS (U.N.O.)
BEARING HEADERS NON-BEARING BEARING
UP TO 4'-0" (2) 2 X 10 1 JACK, 1 KING 1 JACK, 1 KING
4'-0" TO 6'-0" (2) 2 X 10 1 JACK, 1 KING 2 JACK, 1 KING
6'-0" TO 8'-0" (2) 2 X 12 1 JACK, 1 KING 2 JACK, 1 KING
8'-0" TO 10'-0" (2) 2 X 12 1 JACK, 1 KING 3 JACK, 1 KING
10'-0" TO 12'-0" (2) 2 X 12 1 JACK, 1 KING 3 JACK, 1 KING
12'-0" TO 14'-0" (2) 2 X 12 1 JACK, 1 KING 3 JACK, 1 KING
14'-0" TO 16'-0" (2) 2 X 12 1 JACK, 1 KING 3 JACK, 1 KING
16'-0" TO 18'-0" (2) 2 X 12 1 JACK, 1 KING 3 JACK, 1 KING
18'-0" TO 20'-0" (2) 2 X 12 1 JACK, 1 KING 3 JACK, 1 KING
20'-0" TO 22'-0" (2) 2 X 12 1 JACK, 1 KING 3 JACK, 1 KING
22'-0" TO 24'-0" (2) 2 X 12 1 JACK, 1 KING 3 JACK, 1 KING

SUBSTITUTION CHART:

U.N.O. LVL	WF STEEL SIZE
(1) 2" LVL	W10 x 15
(2) 2" LVL	W10 x 15
(3) 2" LVL	W10 x 15
(4) 2" LVL	W10 x 15
(5) 2" LVL	W10 x 15
(6) 2" LVL	W10 x 15
(7) 2" LVL	W10 x 15
(8) 2" LVL	W10 x 15
(9) 2" LVL	W10 x 15
(10) 2" LVL	W10 x 15
(11) 2" LVL	W10 x 15
(12) 2" LVL	W10 x 15
(13) 2" LVL	W10 x 15
(14) 2" LVL	W10 x 15
(15) 2" LVL	W10 x 15
(16) 2" LVL	W10 x 15
(17) 2" LVL	W10 x 15
(18) 2" LVL	W10 x 15
(19) 2" LVL	W10 x 15
(20) 2" LVL	W10 x 15
(21) 2" LVL	W10 x 15
(22) 2" LVL	W10 x 15
(23) 2" LVL	W10 x 15
(24) 2" LVL	W10 x 15
(25) 2" LVL	W10 x 15
(26) 2" LVL	W10 x 15
(27) 2" LVL	W10 x 15
(28) 2" LVL	W10 x 15
(29) 2" LVL	W10 x 15
(30) 2" LVL	W10 x 15
(31) 2" LVL	W10 x 15
(32) 2" LVL	W10 x 15
(33) 2" LVL	W10 x 15
(34) 2" LVL	W10 x 15
(35) 2" LVL	W10 x 15
(36) 2" LVL	W10 x 15
(37) 2" LVL	W10 x 15
(38) 2" LVL	W10 x 15
(39) 2" LVL	W10 x 15
(40) 2" LVL	W10 x 15
(41) 2" LVL	W10 x 15
(42) 2" LVL	W10 x 15
(43) 2" LVL	W10 x 15
(44) 2" LVL	W10 x 15
(45) 2" LVL	W10 x 15
(46) 2" LVL	W10 x 15
(47) 2" LVL	W10 x 15
(48) 2" LVL	W10 x 15
(49) 2" LVL	W10 x 15
(50) 2" LVL	W10 x 15

INDICATES WEB STIFFENING BELOW BEARING WALL ABOVE
INDICATES AREA OF ADDITIONAL FRAMING REQUIRED
INDICATES POINT LOAD FROM ABOVE
INDICATES LOCATION OF BEARING WALL ABOVE
INDICATES BEARING WALL

SECTION 902.3
NOTCHES IN THE TOP OR BOTTOM OF JOISTS SHALL NOT EXCEED ONE-SIXTH THE DEPTH OF THE JOIST AND SHALL NOT BE LOCATED ON THE MIDDLE THIRD OF THE SPAN. WHERE JOISTS ARE NOTCHED ON THE END FOR A LEDGE, THE NOTCH SHALL NOT EXCEED ONE-FOURTH THE JOIST DEPTH. CANTILEVERED JOISTS SHALL NOT BE NOTCHED UNLESS THE REDUCED SECTION PROPERTIES AND LUMBER DEFECTS ARE CONSIDERED IN THE DESIGN.
HOLES DRILLED OR BORED IN JOISTS SHALL NOT BE WITHIN 2 INCHES OF THE TOP OR BOTTOM OF THE JOISTS AND THEIR DIAMETER SHALL NOT EXCEED ONE-THIRD THE DEPTH OF THE JOIST.

SECTION 902.4
ANY STUD IN AN EXTERIOR BEARING PARTITION MAY BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 25% OF ITS WIDTH. STUDS IN NON-BEARING PARTITIONS MAY BE NOTCHED TO A DEPTH NOT TO EXCEED 50% OF A SINGLE STUD WIDTH. ANY STUD MAY BE BORED OR DRILLED, PROVIDED THAT THE DIAMETER OF THE RESULTING HOLES IS NO GREATER THAN 40% OF THE STUD WIDTH. THE EDGE OF THE HOLE IS NO CLOSER THAN 36 INCH TO THE EDGE OF THE STUD, AND THE HOLE IS NOT LOCATED IN THE SAME SECTION AS A CUT OR NOTCH.

SECTION 902.5
FIREBLOCKING SHALL BE PROVIDED IN WOOD-FRAMED CONSTRUCTION IN THE FOLLOWING LOCATIONS:
1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FLURRED SPACES AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS, AS FOLLOWS:
1.1. VERTICALLY AT THE CEILING AND FLOOR LEVELS.
1.2. HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET (3049 MM).
2. AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING AND COVE CEILINGS.
3. IN CONCEALED SPACES BETWEEN STAR STRINGERS AT THE TOP AND BOTTOM OF THE RUN. ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH SECTION 902.7.
4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILING AND FLOOR LEVELS, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THE ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E-818 REQUIREMENTS.

SECTION 902.6
FIREBLOCKING SHALL CONSIST OF THE FOLLOWING MATERIALS:
1. TWO-INCH (51 MM) NOMINAL LUMBER.
2. TWO THICKNESSES OF 1-INCH (25.4 MM) NOMINAL LUMBER WITH BROKEN LAP JOINTS.
3. ONE THICKNESS OF 2X6 (152.4 MM X 152.4 MM) WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 2X3 (50.8 MM X 50.8 MM) WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 2X3 (50.8 MM X 50.8 MM) PARTICLEBOARD.
4. ONE THICKNESS OF 3/4-INCH (19.05 MM) PARTICLEBOARD WITH JOINTS BACKED BY 3/4-INCH (19.05 MM) PARTICLEBOARD.
5. ONE-HALF-INCH (12.7 MM) GYPSUM BOARD.
6. ONE-QUARTER-INCH (6.35 MM) CEMENT-BASED MILDBOARD.
7. BATHS OR BLENKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE.
8. CELLULOSE INSULATION FILLER AS TESTED IN ACCORDANCE WITH ASTM E-119 OR UL-263, FOR THE SPECIFIC APPLICATION.

DRAFTSTOPPING
IN COMBUSTIBLE CONSTRUCTION WHERE THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR OR CEILING ASSEMBLY, DRAFTSTOPPING SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1.00 SQUARE INCH (64.516 CM²). DRAFTSTOPPING SHALL COVER THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS, WHERE THE ASSEMBLY IS 2 INCH (50.8 MM) OR GREATER ABOVE AND A CEILING MEMBRANE BELOW. DRAFTSTOPPING SHALL BE PROVIDED IN THE FOLLOWING CIRCUMSTANCES:
1. CEILING IS SUSPENDED UNDER THE FLOOR FRAMING.
2. FLOOR FRAMING IS CONSTRUCTED OF TRUSS-TYPE OPEN WEB OR PERFORATED MEMBERS.
DRAFTSTOPPING MATERIALS SHALL BE NOT LESS THAN 1/2-INCH (12.7 MM) GYPSUM BOARD, 3/8-INCH (9.5 MM) WOOD STRUCTURAL PANELS OR OTHER APPROVED MATERIALS ADEQUATELY SUPPORTED. DRAFTSTOPPING SHALL BE INSTALLED PARALLEL TO THE FLOOR FRAMING MEMBERS UNLESS OTHERWISE APPROVED BY THE BUILDING OFFICIAL. THE INTEGRITY OF THE DRAFTSTOPPING SHALL BE MAINTAINED.

WEATHER BARRIERS AT ADHERED MASONRY/STONE VENEER MUST BE AT A MINIMUM, EQUIVALENT TO TWO LAYERS OF GRADE "D" PAPER.
TYPICALLY, EACH RAFTER SHALL BE TIED DOWN WITH TWO SIMPSON 5PPD/C1960 SCREWS.

WIND SEALING:
1. SEAL/TAPE EXTERIOR WEATHER BARRIER ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
2. SEAL/CALK PENETRATIONS IN WALLS FACING EXTERIOR OR UNOCCUPIED SPACE.
3. FLASH/SEAL WINDOW AND DOOR PENETRATIONS IN WALLS FACING EXTERIOR OR UNOCCUPIED SPACE.
4. SEAL/TAPE JOINTS IN DUCTWORK ACCORDING TO SMACNA RECOMMENDATIONS.

STAIRS AND RAILS
1. AT OPEN SIDES WALKING SURFACES MIN. HEIGHT, 36" A.F.F.
2. AT OPEN ENDS OF STAIR HEIGHT BETWEEN 36" AND 38" MEASURED FROM NOSINGS.
3. MEASURED FROM NOSINGS.
4. STAIRS SHALL NOT ALLOW A 4" SPHERE TO PASS.
5. SPACE AT TRIANGULAR OPENING BETWEEN STAIR RISERS, TREAD AND STRINGER SHALL NOT ALLOW A 4" SPHERE TO PASS.
6. OPEN RISER STAIRS SHALL PROVIDE NO MORE THAN 4" VERTICAL GAP.

GLAZING
LOW-E ARGON FILLED DOUBLE PANELED GLAZING PANELS (U-FACTOR: 20 OR BETTER SHGC: 50 OR BETTER)
IN ORDER TO REMAIN EXPOSED, WEBS OF L.F.S MUST BE PROTECTED WITH APPLIED FIRE PROTECTION (I.E. GYPSUM BOARD, FIBER BLANKET, INTUMESCENT COATING)

FOAM INSULATION BOARD OR SPRAY MUST BE CLASS ONE FIRE RATED OR COVERED BY A THERMAL BARRIER (I.E. GYPSUM BOARD, INTUMESCENT COATING)

SECTION 902.7
STAIRS SHALL COMPLY WITH SECTION 902.7.
4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILING AND FLOOR LEVELS, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THE ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E-818 REQUIREMENTS.

SECTION 902.8
NOTCHES IN THE TOP OR BOTTOM OF JOISTS SHALL NOT EXCEED ONE-SIXTH THE DEPTH OF THE JOIST AND SHALL NOT BE LOCATED ON THE MIDDLE THIRD OF THE SPAN. WHERE JOISTS ARE NOTCHED ON THE END FOR A LEDGE, THE NOTCH SHALL NOT EXCEED ONE-FOURTH THE JOIST DEPTH. CANTILEVERED JOISTS SHALL NOT BE NOTCHED UNLESS THE REDUCED SECTION PROPERTIES AND LUMBER DEFECTS ARE CONSIDERED IN THE DESIGN.
HOLES DRILLED OR BORED IN JOISTS SHALL NOT BE WITHIN 2 INCHES OF THE TOP OR BOTTOM OF THE JOISTS AND THEIR DIAMETER SHALL NOT EXCEED ONE-THIRD THE DEPTH OF THE JOIST.

SECTION 902.9
ANY STUD IN AN EXTERIOR BEARING PARTITION MAY BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 25% OF ITS WIDTH. STUDS IN NON-BEARING PARTITIONS MAY BE NOTCHED TO A DEPTH NOT TO EXCEED 50% OF A SINGLE STUD WIDTH. ANY STUD MAY BE BORED OR DRILLED, PROVIDED THAT THE DIAMETER OF THE RESULTING HOLES IS NO GREATER THAN 40% OF THE STUD WIDTH. THE EDGE OF THE HOLE IS NO CLOSER THAN 36 INCH TO THE EDGE OF THE STUD, AND THE HOLE IS NOT LOCATED IN THE SAME SECTION AS A CUT OR NOTCH.

SECTION 902.10
FIREBLOCKING SHALL BE PROVIDED IN WOOD-FRAMED CONSTRUCTION IN THE FOLLOWING LOCATIONS:
1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FLURRED SPACES AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS, AS FOLLOWS:
1.1. VERTICALLY AT THE CEILING AND FLOOR LEVELS.
1.2. HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET (3049 MM).
2. AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING AND COVE CEILINGS.
3. IN CONCEALED SPACES BETWEEN STAR STRINGERS AT THE TOP AND BOTTOM OF THE RUN. ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH SECTION 902.7.
4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILING AND FLOOR LEVELS, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THE ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E-818 REQUIREMENTS.

SECTION 902.11
FIREBLOCKING SHALL CONSIST OF THE FOLLOWING MATERIALS:
1. TWO-INCH (51 MM) NOMINAL LUMBER.
2. TWO THICKNESSES OF 1-INCH (25.4 MM) NOMINAL LUMBER WITH BROKEN LAP JOINTS.
3. ONE THICKNESS OF 2X6 (152.4 MM X 152.4 MM) WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 2X3 (50.8 MM X 50.8 MM) WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 2X3 (50.8 MM X 50.8 MM) PARTICLEBOARD.
4. ONE THICKNESS OF 3/4-INCH (19.05 MM) PARTICLEBOARD WITH JOINTS BACKED BY 3/4-INCH (19.05 MM) PARTICLEBOARD.
5. ONE-HALF-INCH (12.7 MM) GYPSUM BOARD.
6. ONE-QUARTER-INCH (6.35 MM) CEMENT-BASED MILDBOARD.
7. BATHS OR BLENKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE.
8. CELLULOSE INSULATION FILLER AS TESTED IN ACCORDANCE WITH ASTM E-119 OR UL-263, FOR THE SPECIFIC APPLICATION.

DRAFTSTOPPING
IN COMBUSTIBLE CONSTRUCTION WHERE THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR OR CEILING ASSEMBLY, DRAFTSTOPPING SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1.00 SQUARE INCH (64.516 CM²). DRAFTSTOPPING SHALL COVER THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS, WHERE THE ASSEMBLY IS 2 INCH (50.8 MM) OR GREATER ABOVE AND A CEILING MEMBRANE BELOW. DRAFTSTOPPING SHALL BE PROVIDED IN THE FOLLOWING CIRCUMSTANCES:
1. CEILING IS SUSPENDED UNDER THE FLOOR FRAMING.
2. FLOOR FRAMING IS CONSTRUCTED OF TRUSS-TYPE OPEN WEB OR PERFORATED MEMBERS.
DRAFTSTOPPING MATERIALS SHALL BE NOT LESS THAN 1/2-INCH (12.7 MM) GYPSUM BOARD, 3/8-INCH (9.5 MM) WOOD STRUCTURAL PANELS OR OTHER APPROVED MATERIALS ADEQUATELY SUPPORTED. DRAFTSTOPPING SHALL BE INSTALLED PARALLEL TO THE FLOOR FRAMING MEMBERS UNLESS OTHERWISE APPROVED BY THE BUILDING OFFICIAL. THE INTEGRITY OF THE DRAFTSTOPPING SHALL BE MAINTAINED.

WEATHER BARRIERS AT ADHERED MASONRY/STONE VENEER MUST BE AT A MINIMUM, EQUIVALENT TO TWO LAYERS OF GRADE "D" PAPER.
TYPICALLY, EACH RAFTER SHALL BE TIED DOWN WITH TWO SIMPSON 5PPD/C1960 SCREWS.

WIND SEALING:
1. SEAL/TAPE EXTERIOR WEATHER BARRIER ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
2. SEAL/CALK PENETRATIONS IN WALLS FACING EXTERIOR OR UNOCCUPIED SPACE.
3. FLASH/SEAL WINDOW AND DOOR PENETRATIONS IN WALLS FACING EXTERIOR OR UNOCCUPIED SPACE.
4. SEAL/TAPE JOINTS IN DUCTWORK ACCORDING TO SMACNA RECOMMENDATIONS.

STAIRS AND RAILS
1. AT OPEN SIDES WALKING SURFACES MIN. HEIGHT, 36" A.F.F.
2. AT OPEN ENDS OF STAIR HEIGHT BETWEEN 36" AND 38" MEASURED FROM NOSINGS.
3. MEASURED FROM NOSINGS.
4. STAIRS SHALL NOT ALLOW A 4" SPHERE TO PASS.
5. SPACE AT TRIANGULAR OPENING BETWEEN STAIR RISERS, TREAD AND STRINGER SHALL NOT ALLOW A 4" SPHERE TO PASS.
6. OPEN RISER STAIRS SHALL PROVIDE NO MORE THAN 4" VERTICAL GAP.

GLAZING
LOW-E ARGON FILLED DOUBLE PANELED GLAZING PANELS (U-FACTOR: 20 OR BETTER SHGC: 50 OR BETTER)
IN ORDER TO REMAIN EXPOSED, WEBS OF L.F.S MUST BE PROTECTED WITH APPLIED FIRE PROTECTION (I.E. GYPSUM BOARD, FIBER BLANKET, INTUMESCENT COATING)

FOAM INSULATION BOARD OR SPRAY MUST BE CLASS ONE FIRE RATED OR COVERED BY A THERMAL BARRIER (I.E. GYPSUM BOARD, INTUMESCENT COATING)

SECTION 902.12
STAIRS SHALL COMPLY WITH SECTION 902.12.
4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILING AND FLOOR LEVELS, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THE ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E-818 REQUIREMENTS.

SECTION 902.13
FIREBLOCKING SHALL CONSIST OF THE FOLLOWING MATERIALS:
1. TWO-INCH (51 MM) NOMINAL LUMBER.
2. TWO THICKNESSES OF 1-INCH (25.4 MM) NOMINAL LUMBER WITH BROKEN LAP JOINTS.
3. ONE THICKNESS OF 2X6 (152.4 MM X 152.4 MM) WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 2X3 (50.8 MM X 50.8 MM) WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 2X3 (50.8 MM X 50.8 MM) PARTICLEBOARD.
4. ONE THICKNESS OF 3/4-INCH (19.05 MM) PARTICLEBOARD WITH JOINTS BACKED BY 3/4-INCH (19.05 MM) PARTICLEBOARD.
5. ONE-HALF-INCH (12.7 MM) GYPSUM BOARD.
6. ONE-QUARTER-INCH (6.35 MM) CEMENT-BASED MILDBOARD.
7. BATHS OR BLENKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE.
8. CELLULOSE INSULATION FILLER AS TESTED IN ACCORDANCE WITH ASTM E-119 OR UL-263, FOR THE SPECIFIC APPLICATION.

DRAFTSTOPPING
IN COMBUSTIBLE CONSTRUCTION WHERE THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR OR CEILING ASSEMBLY, DRAFTSTOPPING SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1.00 SQUARE INCH (64.516 CM²). DRAFTSTOPPING SHALL COVER THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS, WHERE THE ASSEMBLY IS 2 INCH (50.8 MM) OR GREATER ABOVE AND A CEILING MEMBRANE BELOW. DRAFTSTOPPING SHALL BE PROVIDED IN THE FOLLOWING CIRCUMSTANCES:
1. CEILING IS SUSPENDED UNDER THE FLOOR FRAMING.
2. FLOOR FRAMING IS CONSTRUCTED OF TRUSS-TYPE OPEN WEB OR PERFORATED MEMBERS.
DRAFTSTOPPING MATERIALS SHALL BE NOT LESS THAN 1/2-INCH (12.7 MM) GYPSUM BOARD, 3/8-INCH (9.5 MM) WOOD STRUCTURAL PANELS OR OTHER APPROVED MATERIALS ADEQUATELY SUPPORTED. DRAFTSTOPPING SHALL BE INSTALLED PARALLEL TO THE FLOOR FRAMING MEMBERS UNLESS OTHERWISE APPROVED BY THE BUILDING OFFICIAL. THE INTEGRITY OF THE DRAFTSTOPPING SHALL BE MAINTAINED.

WEATHER BARRIERS AT ADHERED MASONRY/STONE VENEER MUST BE AT A MINIMUM, EQUIVALENT TO TWO LAYERS OF GRADE "D" PAPER.
TYPICALLY, EACH RAFTER SHALL BE TIED DOWN WITH TWO SIMPSON 5PPD/C1960 SCREWS.

WIND SEALING:
1. SEAL/TAPE EXTERIOR WEATHER BARRIER ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
2. SEAL/CALK PENETRATIONS IN WALLS FACING EXTERIOR OR UNOCCUPIED SPACE.
3. FLASH/SEAL WINDOW AND DOOR PENETRATIONS IN WALLS FACING EXTERIOR OR UNOCCUPIED SPACE.
4. SEAL/TAPE JOINTS IN DUCTWORK ACCORDING TO SMACNA RECOMMENDATIONS.

STAIRS AND RAILS
1. AT OPEN SIDES WALKING SURFACES MIN. HEIGHT, 36" A.F.F.
2. AT OPEN ENDS OF STAIR HEIGHT BETWEEN 36" AND 38" MEASURED FROM NOSINGS.
3. MEASURED FROM NOSINGS.
4. STAIRS SHALL NOT ALLOW A 4" SPHERE TO PASS.
5. SPACE AT TRIANGULAR OPENING BETWEEN STAIR RISERS, TREAD AND STRINGER SHALL NOT ALLOW A 4" SPHERE TO PASS.
6. OPEN RISER STAIRS SHALL PROVIDE NO MORE THAN 4" VERTICAL GAP.

GLAZING
LOW-E ARGON FILLED DOUBLE PANELED GLAZING PANELS (U-FACTOR: 20 OR BETTER SHGC: 50 OR BETTER)
IN ORDER TO REMAIN EXPOSED, WEBS OF L.F.S MUST BE PROTECTED WITH APPLIED FIRE PROTECTION (I.E. GYPSUM BOARD, FIBER BLANKET, INTUMESCENT COATING)

FOAM INSULATION BOARD OR SPRAY MUST BE CLASS ONE FIRE RATED OR COVERED BY A THERMAL BARRIER (I.E. GYPSUM BOARD, INTUMESCENT COATING)

SECTION 902.14
STAIRS SHALL COMPLY WITH SECTION 902.14.
4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILING AND FLOOR LEVELS, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THE ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E-818 REQUIREMENTS.

SECTION 902.15
FIREBLOCKING SHALL CONSIST OF THE FOLLOWING MATERIALS:
1. TWO-INCH (51 MM) NOMINAL LUMBER.
2. TWO THICKNESSES OF 1-INCH (25.4 MM) NOMINAL LUMBER WITH BROKEN LAP JOINTS.
3. ONE THICKNESS OF 2X6 (152.4 MM X 152.4 MM) WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 2X3 (50.8 MM X 50.8 MM) WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 2X3 (50.8 MM X 50.8 MM) PARTICLEBOARD.
4. ONE THICKNESS OF 3/4-INCH (19.05 MM) PARTICLEBOARD WITH JOINTS BACKED BY 3/4-INCH (19.05 MM) PARTICLEBOARD.
5. ONE-HALF-INCH (12.7 MM) GYPSUM BOARD.
6. ONE-QUARTER-INCH (6.35 MM) CEMENT-BASED MILDBOARD.
7. BATHS OR BLENKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE.
8. CELLULOSE INSULATION FILLER AS TESTED IN ACCORDANCE WITH ASTM E-119 OR UL-263, FOR THE SPECIFIC APPLICATION.

DRAFTSTOPPING
IN COMBUSTIBLE CONSTRUCTION WHERE THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR OR CEILING ASSEMBLY, DRAFTSTOPPING SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1.00 SQUARE INCH (64.516 CM²). DRAFTSTOPPING SHALL COVER THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS, WHERE THE ASSEMBLY IS 2 INCH (50.8 MM) OR GREATER ABOVE AND A CEILING MEMBRANE BELOW. DRAFTSTOPPING SHALL BE PROVIDED IN THE FOLLOWING CIRCUMSTANCES:
1. CEILING IS SUSPENDED UNDER THE FLOOR FRAMING.
2. FLOOR FRAMING IS CONSTRUCTED OF TRUSS-TYPE OPEN WEB OR PERFORATED MEMBERS.
DRAFTSTOPPING MATERIALS SHALL BE NOT LESS THAN 1/2-INCH (12.7 MM) GYPSUM BOARD, 3/8-INCH (9.5 MM) WOOD STRUCTURAL PANELS OR OTHER APPROVED MATERIALS ADEQUATELY SUPPORTED. DRAFTSTOPPING SHALL BE INSTALLED PARALLEL TO THE FLOOR FRAMING MEMBERS UNLESS OTHERWISE APPROVED BY THE BUILDING OFFICIAL. THE INTEGRITY OF THE DRAFTSTOPPING SHALL BE MAINTAINED.

WEATHER BARRIERS AT ADHERED MASONRY/STONE VENEER MUST BE AT A MINIMUM, EQUIVALENT TO TWO LAYERS OF GRADE "D" PAPER.
TYPICALLY, EACH RAFTER SHALL BE TIED DOWN WITH TWO SIMPSON 5PPD/C1960 SCREWS.

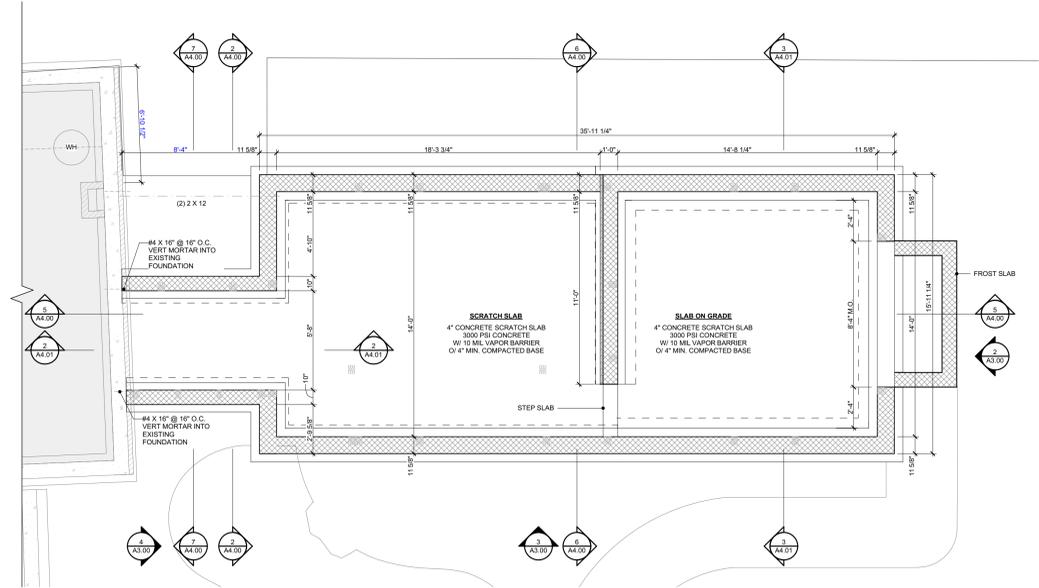
WIND SEALING:
1. SEAL/TAPE EXTERIOR WEATHER BARRIER ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
2. SEAL/CALK PENETRATIONS IN WALLS FACING EXTERIOR OR UNOCCUPIED SPACE.
3. FLASH/SEAL WINDOW AND DOOR PENETRATIONS IN WALLS FACING EXTERIOR OR UNOCCUPIED SPACE.
4. SEAL/TAPE JOINTS IN DUCTWORK ACCORDING TO SMACNA RECOMMENDATIONS.

STAIRS AND RAILS
1. AT OPEN SIDES WALKING SURFACES MIN. HEIGHT, 36" A.F.F.
2. AT OPEN ENDS OF STAIR HEIGHT BETWEEN 36" AND 38" MEASURED FROM NOSINGS.
3. MEASURED FROM NOSINGS.
4. STAIRS SHALL NOT ALLOW A 4" SPHERE TO PASS.
5. SPACE AT TRIANGULAR OPENING BETWEEN STAIR RISERS, TREAD AND STRINGER SHALL NOT ALLOW A 4" SPHERE TO PASS.
6. OPEN RISER STAIRS SHALL PROVIDE NO MORE THAN 4" VERTICAL GAP.

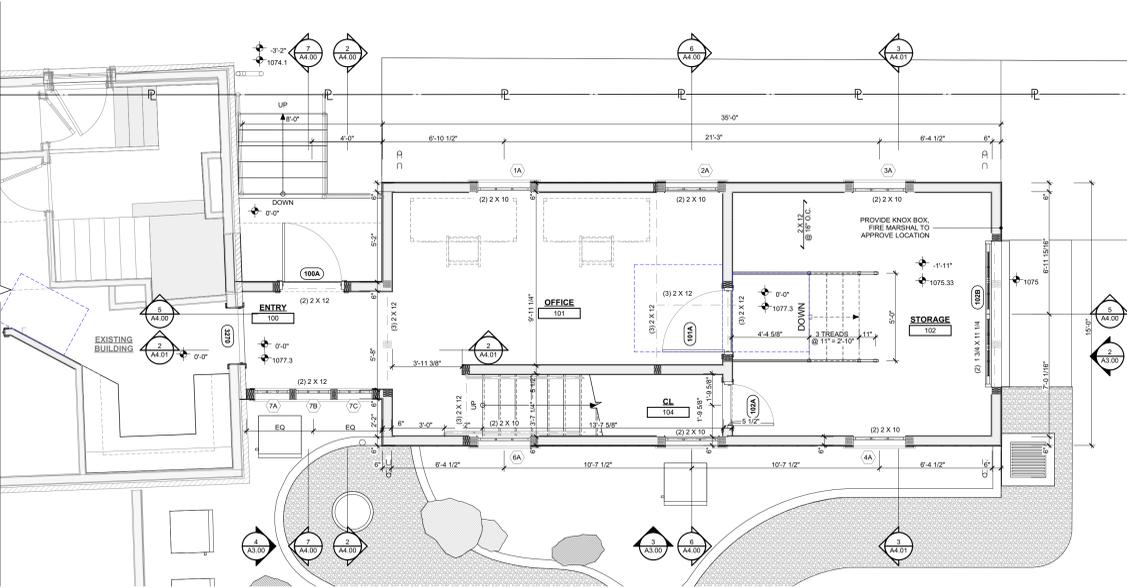
GLAZING
LOW-E ARGON FILLED DOUBLE PANELED GLAZING PANELS (U-FACTOR: 20 OR BETTER SHGC: 50 OR BETTER)
IN ORDER TO REMAIN EXPOSED, WEBS OF L.F.S MUST BE PROTECTED WITH APPLIED FIRE PROTECTION (I.E. GYPSUM BOARD, FIBER BLANKET, INTUMESCENT COATING)

FOAM INSULATION BOARD OR SPRAY MUST BE CLASS ONE FIRE RATED OR COVERED BY A THERMAL BARRIER (I.E. GYPSUM BOARD, INTUMESCENT COATING)

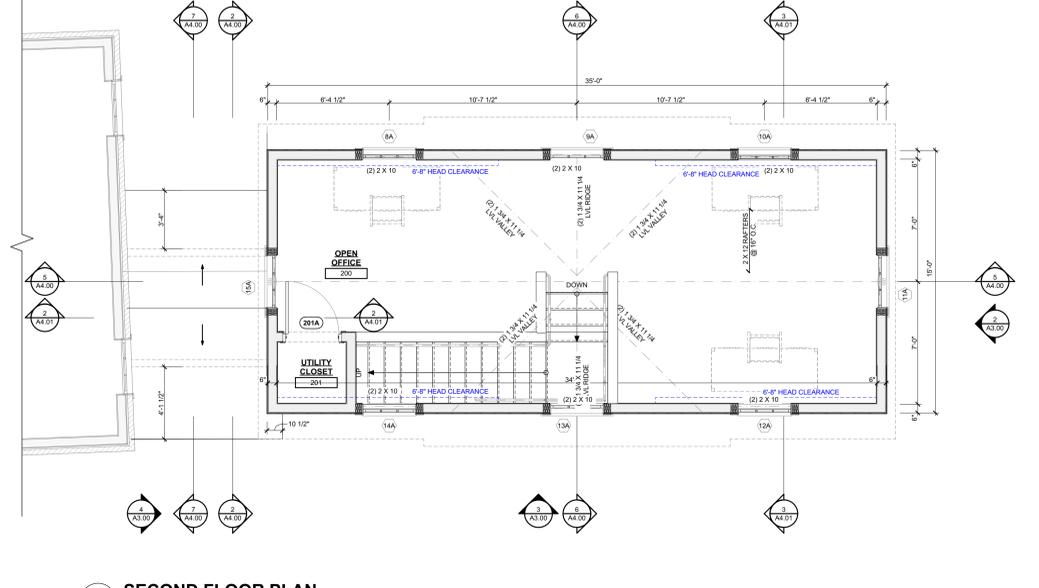
SECTION 902.16
STAIRS SHALL COMPLY WITH SECTION 902.16.
4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILING AND FLOOR LEVELS, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THE ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E-818 REQUIREMENTS.



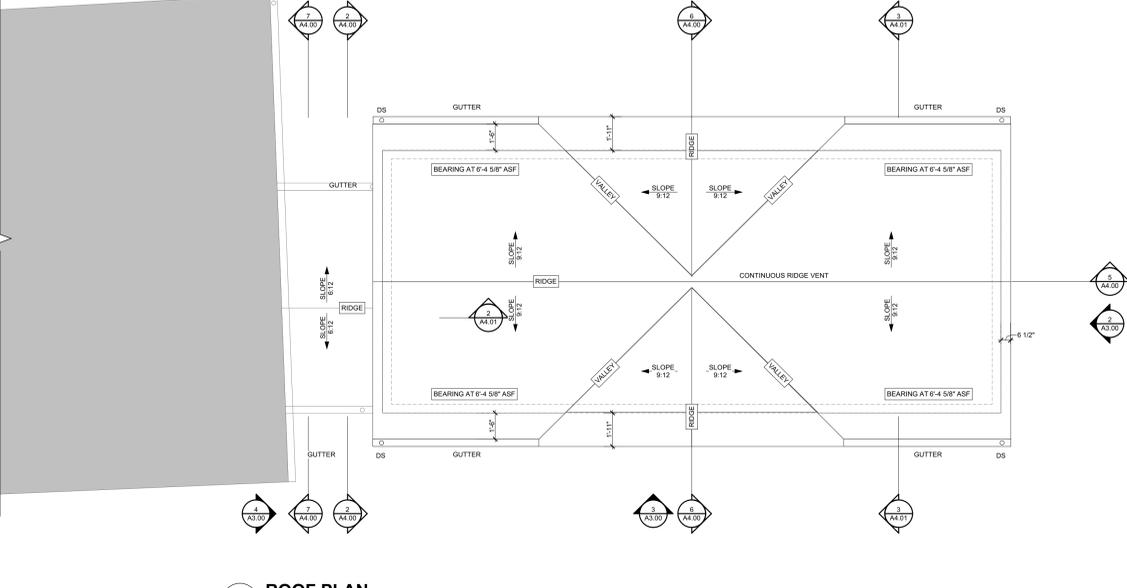
1 BASEMENT FLOOR PLAN
SCALE: 1/4" = 1'-0"



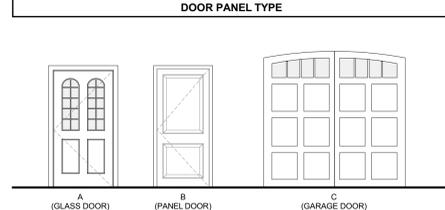
2 FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"



3 SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"



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



DOOR PANEL TYPE **DOOR FRAME TYPE**

- DOOR REMARKS**
- CLOSER
 - AUTO OPERATOR
 - PANIC HARDWARE
 - EMERGENCY RESCUE HARDWARE
 - PROVIDE THRESHOLD AND WEATHERSTRIPPING
 - INSULATED DOOR
 - DOOR PROTECTION: EDGE GUARDS AND ARMOR PLATE
 - DOOR BOTTOM WITH RUBBER BRUSH
 - PUNCH LOCK HARDWARE
 - CONCEALED SWING CLEAR HINGES

- DOOR OPERATION LEGEND**
- NS - NORMAL SWING
FD - FRAMED OPENING

- DOOR HARDWARE SETS**
- OFFICE (PRIVACY)
- LOCK LEVER HANDSET
- CYLINDER LOCK - OFFICE CLOSER
- BALL BEARING HINGES
- WALL STOP
- WEATHERSTRIPPING
- REPLACEABLE SWEEP
- ADA ALUMINUM THRESHOLD
- RESTROOM
- LOCK LEVER HANDSET
- CYLINDER LOCK - RESTROOM CLOSER
- BALL BEARING HINGES
- WALL STOP
- WEATHERSTRIPPING
- REPLACEABLE SWEEP
- ADA ALUMINUM THRESHOLD
- STOREROOM
- LOCK LEVER HANDSET
- CYLINDER LOCK - STOREROOM CLOSER
- BALL BEARING HINGES
- WALL STOP
- WEATHERSTRIPPING
- REPLACEABLE SWEEP
- ADA ALUMINUM THRESHOLD
- PASSAGE
- BALL BEARING HINGES
- WALL STOP
- ADA THRESHOLD

- DOOR PLAN AND HARDWARE GENERAL NOTES**
- FINAL HARDWARE SCHEDULE TO BE PROVIDED BY CONTRACTOR'S DOOR HARDWARE SUPPLIER AND APPROVED BY OWNER AND ARCHITECT.
 - FINAL LOCKSET FUNCTION AND KEYS SHALL BE COORDINATED WITH THE OWNER BY THE DOOR HARDWARE SUPPLIER. PROVIDE SUB AND GRAND MASTER LEVEL KEYS AND 4 KEYS FOR EACH LOCKSET.
 - ALL PASSAGE SETS, PRIVACY SETS AND LOCKSETS SHALL BE ANSI/BHMA GRADE 1 COMMERCIAL WITH ADA COMPLIANT LEVER HARDWARE. ALL LOCKS SHALL ALLOW EGRESS WITHOUT THE USE OF A KEY AND BY MEANS OF A SINGLE OPERATION.
 - STEEL DOOR FRAMES SHALL BE PREPARED TO SUIT SPECIFIED DOORS AND HARDWARE.
 - FURNISH NON-RISING TYPE PINS ON OUT SWINGING DOORS SCHEDULED TO RECEIVE LOCKSETS.
 - FINISH DOORS AND FRAMES WITH PAINT OR STAIN AS INDICATED (COLOR AS SELECTED BY OWNER) ALL SIDES.
 - PROVIDE WALL OR FLOOR MOUNTED STOP AS APPROPRIATE FOR EACH DOOR.
 - DOOR CLOSER CONFIGURATION SHALL BE IDENT

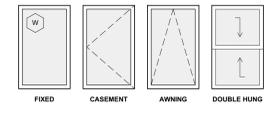
MATERIAL SCHEDULE

ALL MATERIAL ASSEMBLIES LISTED BELOW TO OCCUR OVER THE FOLLOWING UNLESS NOTED OTHERWISE:
 O WEATHER BARRIER
 O 7/16" EXTERIOR GRADE OSB SHEATHING
 O 2x6 STUDS
STONE VENEER (S-1)
 STONE SILL
SIDING (S-2)
 HORIZONTAL CEDAR SIDING
SIDING (S-2)
 2" BRICK VENEER W/ MASONRY TIES. BRICK TO BE PAINTED TO MATCH EXISTING BUILDING'S BROWN PAINT
ASPHALT SHINGLE ROOF (R-1)
 30 YEAR ARCHITECTURAL SHINGLE
 O MANUFACTURER'S RECOMMENDED UNDERLAYMENT
 O 1/2" APA-RATED EXTERIOR GRADE SHEATHING. ICE GUARDS SHOULD BE INSTALLED AT ALL EAVES AND VALLEYS, UP 7", AND WRAPPED OVER THE FACE OF ALL FASCIAS.
OUTLETS
 O HALF ROUND W/ ROUND DOWNPOUTS

EXTERIOR ELEVATION GENERAL NOTES

ROOF SOFFITS TO BE AC PLYWOOD WITH A CONTINUOUS LINEAR VENT UNLESS NOTED OTHERWISE.
 ALL FIBER CEMENT EXTERIOR TRIM TO BE AZEK OR Boral, PAINTED, OR APPROVED EQUAL.
 ALL EXPOSED WOOD ELEMENTS AND TONGUE AND GROOVE CEILINGS IS TO BE DOUG FIR, STAINED AND SEALED. COORDINATE FINAL COLOR WITH ARCHITECT AND OWNER.
 ALL ROOF PENETRATIONS TO BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION TO ENSURE AESTHETIC EXPECTATIONS ARE MAINTAINED.
 GUTTER PROFILES SHALL BE SUBMITTED FOR APPROVAL PRIOR TO ORDERING.
 SAFETY GLAZING TO BE IN ACCORDANCE WITH THE 2019 RESIDENTIAL CODE OF OHIO (SECTION R809)

WINDOW LEGEND

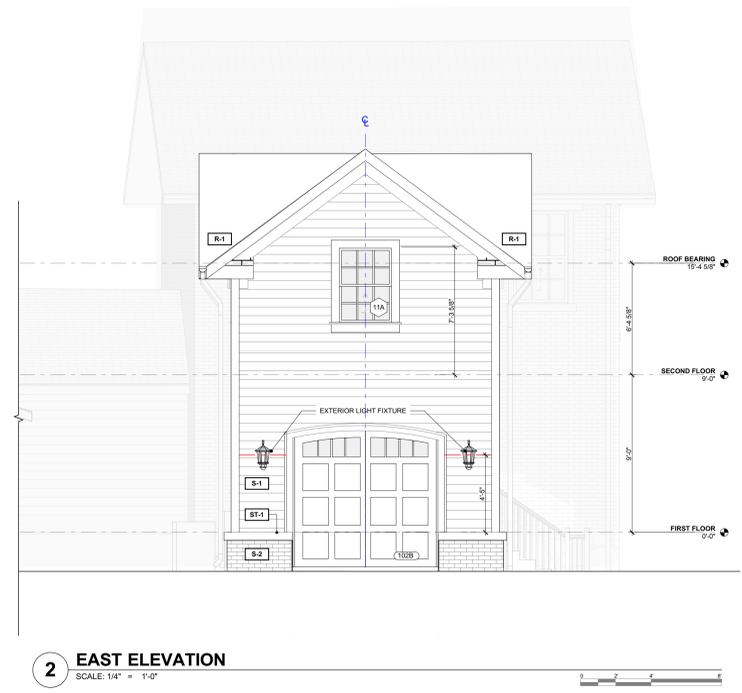


BASIS OF DESIGN:
 ALL WINDOWS ARE TO BE PELLA RESERVE - TRADITIONAL DOUBLE HUNG - OR APPROVED EQUAL.
 WINDOW HEAD GIVEN ABOVE FIRST AND SECOND FLOOR. CONFIRM WINDOW QUANTITIES WITH ELEVATIONS.
 *WINDOW COUNT PROVIDED FOR GENERAL REFERENCE AND VERIFICATION ONLY. CONTRACTOR TO VERIFY TOTAL NUMBER OF WINDOWS WITH DOCUMENTS.

ID	W x H	OPERATION	EGRESS	REMARKS
1A	3'-1"x4'-0"	DOUBLE HUNG	---	---
2A	3'-1"x4'-0"	DOUBLE HUNG	---	---
3A	3'-1"x4'-0"	DOUBLE HUNG	---	---
4A	3'-1"x4'-0"	DOUBLE HUNG	---	TEMPERED
5A	3'-1"x4'-0"	DOUBLE HUNG	---	---
6A	3'-1"x4'-0"	DOUBLE HUNG	---	---
7A	2'-1"x4'-11"	DOUBLE HUNG	---	TEMPERED
7B	2'-1"x4'-11"	DOUBLE HUNG	---	TEMPERED
7C	2'-1"x4'-11"	DOUBLE HUNG	---	TEMPERED
8A	3'-1"x2'-0"	FIXED	---	---
8A	3'-1"x4'-0"	DOUBLE HUNG	---	---
10A	3'-1"x2'-0"	FIXED	---	---
11A	3'-1"x4'-0"	DOUBLE HUNG	---	---
12A	3'-1"x2'-0"	FIXED	---	---
13A	3'-1"x4'-0"	DOUBLE HUNG	---	---
14A	3'-1"x2'-0"	FIXED	---	---
15A	3'-1"x4'-0"	DOUBLE HUNG	---	---



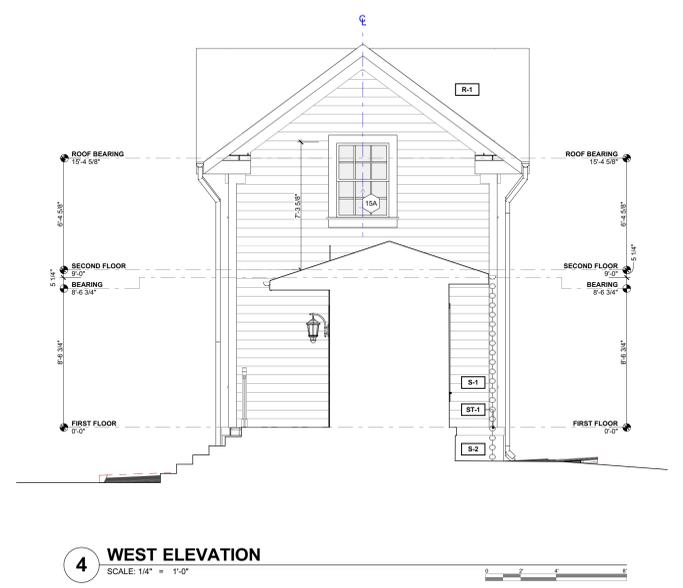
1 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



2 EAST ELEVATION
SCALE: 1/4" = 1'-0"



3 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



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



U.S. DEPARTMENT OF THE INTERIOR

INTERNATIONAL TECHNICAL ASSISTANCE PROGRAM

36 CFR Part 68, RIN 1024-AC24 - THE SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES, A RULE BY THE INTERIOR DEPARTMENT (PUBLICATION DATE: JULY 12, 1995, EFFECTIVE DATE: August 11, 1995)

[68.3, (b), (2)] THE HISTORIC CHARACTER OF A PROPERTY WILL BE RETAINED AND PRESERVED. THE REMOVAL OF DISTINCTIVE MATERIALS OR ALTERATION OF FEATURES, SPACES AND SPATIAL RELATIONSHIPS THAT CHARACTERIZE A PROPERTY WILL BE AVOIDED.

[68.3, (b), (9)] NEW ADDITIONS, EXTERIOR ALTERATIONS OR RELATED NEW CONSTRUCTION WILL NOT DESTROY HISTORIC MATERIALS, FEATURES AND SPATIAL RELATIONSHIPS THAT CHARACTERIZE THE PROPERTY. THE NEW WORK WILL BE DIFFERENTIATED FROM THE OLD AND WILL BE COMPATIBLE WITH THE HISTORIC MATERIALS, FEATURES, SIZE, SCALE AND PROPORTION, AND MASSING TO PROTECT THE INTEGRITY OF THE PROPERTY AND ITS ENVIRONMENT.

[68.3, (b), (10)] NEW ADDITIONS AND ADJACENT OR RELATED NEW CONSTRUCTION WILL BE UNDERTAKEN IN SUCH A MANNER THAT, IF REMOVED IN THE FUTURE, THE ESSENTIAL FORM AND INTEGRITY OF THE HISTORIC PROPERTY AND ITS ENVIRONMENT WOULD BE UNIMPAIRED.

THE SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES WITH GUIDELINES FOR PRESERVING, REHABILITATING, RESTORING, & RECONSTRUCTING HISTORIC BUILDINGS

(2017 REVISION OF THE SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES WITH GUIDELINES FOR PRESERVING, REHABILITATING, RESTORING & RECONSTRUCTING HISTORIC BUILDINGS (1995)):

- "THE REHABILITATION GUIDELINES EMPHASIZE THAT NEW ADDITIONS SHOULD BE CONSIDERED ONLY AFTER IT IS DETERMINED THAT MEETING SPECIFIC NEW NEEDS CANNOT BE ACHIEVED BY ALTERING NON-CHARACTER-DEFINING INTERIOR SPACES. IF THE USE CANNOT BE ACCOMMODATED IN THIS WAY, THEN AN ATTACHED EXTERIOR ADDITION MAY BE CONSIDERED. NEW ADDITIONS SHOULD BE DESIGNED AND CONSTRUCTED SO THAT THE CHARACTER-DEFINING FEATURES OF THE HISTORIC BUILDING, ITS SITE, AND SETTING ARE NOT NEGATIVELY IMPACTED. GENERALLY, A NEW ADDITION SHOULD BE SUBORDINATE TO THE HISTORIC BUILDING. A NEW ADDITION SHOULD BE COMPATIBLE, BUT DIFFERENTIATED ENOUGH SO THAT IT IS NOT CONFUSED AS HISTORIC OR ORIGINAL TO THE BUILDING. THE SAME GUIDANCE APPLIES TO NEW CONSTRUCTION SO THAT IT DOES NOT NEGATIVELY IMPACT THE HISTORIC CHARACTER OF THE BUILDING OR ITS SITE" (PG 79).

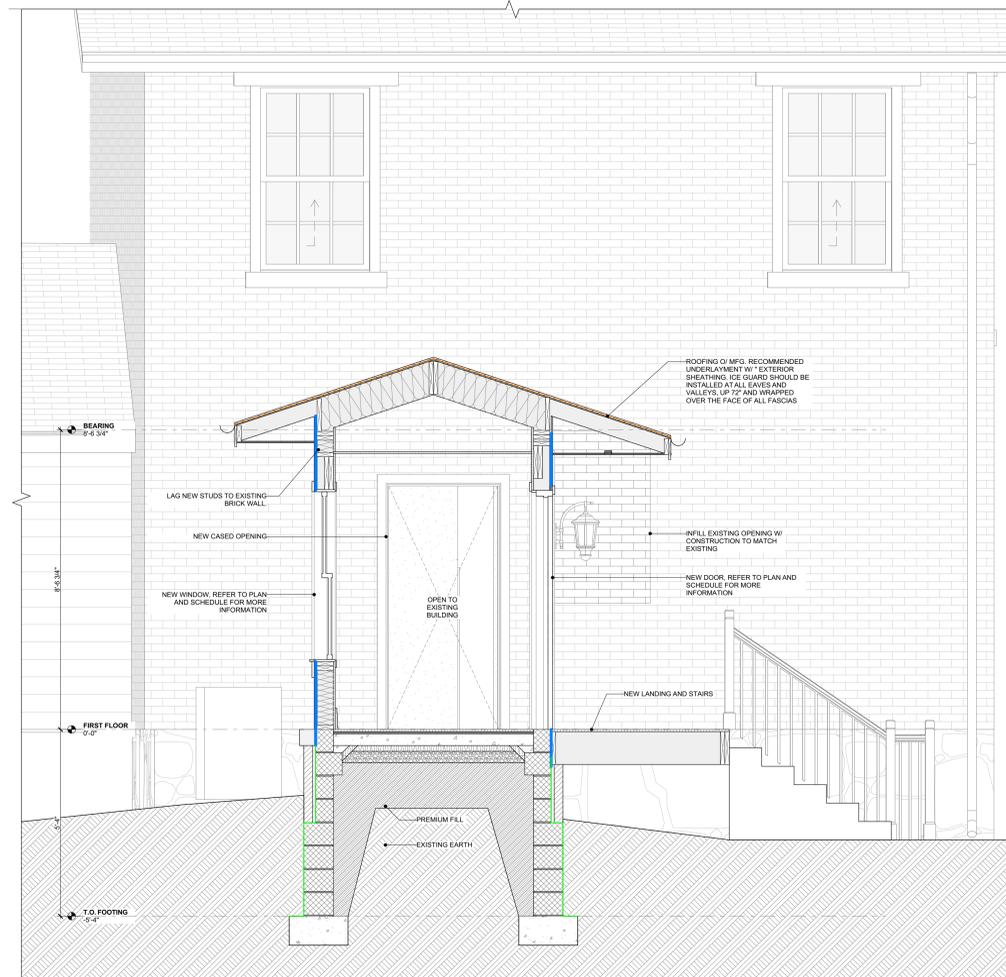
- "LIMITING ANY NEW EXCAVATIONS NEXT TO HISTORIC FOUNDATIONS TO AVOID UNDERMINING THE STRUCTURAL STABILITY OF THE BUILDING OR ADJACENT HISTORIC BUILDINGS. THE AREA NEXT TO THE BUILDING FOUNDATION SHOULD BE INVESTIGATED FIRST TO ASCERTAIN POTENTIAL DAMAGE TO SITE FEATURES OR ARCH-HEOLOGICAL RESOURCES" (PG 124).

- "CREATING OPEN WORK AREAS, WHEN REQUIRED BY THE NEW USE, BY SELECTIVELY REMOVING WALLS ONLY IN SECONDARY SPACES, LESS SIGNIFICANT UPPER FLOORS, OR OTHER LESS-VISIBLE LOCATIONS TO PRESERVE PRIMARY PUBLIC SPACES AND CIRCULATION SYSTEMS" (PG 134).

- "CONSTRUCTING A NEW ADDITION ON A SECONDARY OR NON-CHARACTERDEFINING ELEVATION AND LIMITING ITS SIZE AND SCALE IN RELATIONSHIP TO THE HISTORIC BUILDING" (PG 156).

- "CONSTRUCTING A NEW ADDITION THAT RESULTS IN THE LEAST POSSIBLE LOSS OF HISTORIC MATERIALS SO THAT CHARACTER-DEFINING FEATURES ARE NOT OBTURED, DAMAGED, OR DESTROYED" (PG 156).

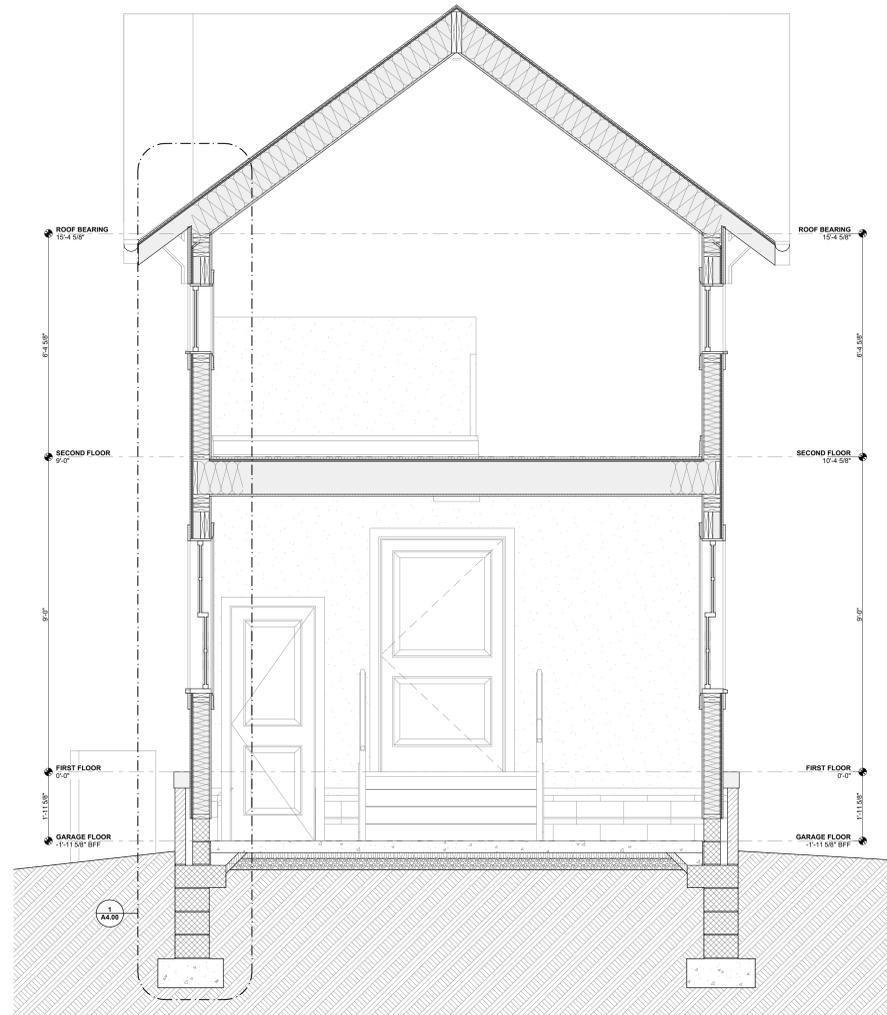
- "INCORPORATING A SIMPLE, RECESSED, SMALL-SCALE HYPHEN, OR CONNECTION, TO PHYSICALLY AND VISUALLY SEPARATE THE ADDITION FROM THE HISTORIC BUILDING" (PG. 157).



1 BUILDING SECTION THROUGH ENTRY 100
SCALE: 1/2" = 1'-0"



2 BUILDING SECTION THROUGH ENTRY
SCALE: 1/2" = 1'-0"



3 BUILDING SECTION
SCALE: 1/2" = 1'-0"

RUSSIN

WESTERN RED CEDAR

BEVEL SIDING
PANELING
TRIM BOARDS
DECOR & ACCESSORIES
DIMENSION, POSTS & TIMBERS
ENGINEERED CEDAR SIDING
FENCING
CUSTOM MILLING
FACTORY FINISHING

Western Red Cedar

An Overview of Grades

The information below is an overview of Western Red Cedar grades and the characteristics within each. For more details about grading please visit the website at the Western Red Cedar Lumber Association at www.wrclog.org.

REAL CEDAR
Clear Vertical Grain (CVG) The highest grade available. Many pieces completely clear, others have minor imperfections that do not detract from their fine appearance. These have excellent dimensional stability and hold all types of finishes exceptionally well.

Clear Grades
Clear Vertical Grain (CVG) The highest grade available. Many pieces completely clear, others have minor imperfections that do not detract from their fine appearance. These have excellent dimensional stability and hold all types of finishes exceptionally well.

Clear Vertical Grain (CVG) and Aye & Better (A&BTR)
C and Better Clear (C&BTR) High quality lumber for use where appearance is important. D and Better Clear (D&BTR) This grade permits larger and more numerous natural characteristics.

Rustic
Rustic This siding grade is recommended when the distinctive character of a wood-grained finish is desired. Grade allows limited characteristics that do not detract from serviceability.

B Clear (BCE)
This siding grade permits highly more numerous and larger growth characteristics. It is renowned for its light, renewable and often yields shorter lengths of fine appearance from longer stock.

Knotty Grades
Select Knotty (SK) Knots and other natural features are not limited as to their appearance as strictly as in a Select Knotty.

Quality Knotty (QK)
Natural growth characteristics are not limited as strictly as in a Select Knotty.

Proprietary Graded to the manufacturer's specification to meet the intended use.

RUSSIN

INTERFOR PORCUPINE

Western Red Cedar

Bevel Siding

Russin distributes a full assortment of kiln-dried Western Red Cedar bevel siding in both clear and knotty grades. Bevel is the most common bevel siding and provides an attractive shadow line which varies with the thickness of the chosen siding.

Clear Grades
Clear bevel siding is available in many different grades and sizes. Listed below are items typically available with a random length tally. All clear grades are graded on the smooth face with the exception of Rustic which is graded on saw featured side only.

Clear Vertical Grain (CVG) and Aye & Better (A&BTR)
• 12" x 4" • 3/4" x 8"
• 12" x 6" • 3/4" x 10"
• 12" x 8" • 3/4" x 12"

Rustic (B Clear (BCE))
• 12" x 6" • 3/4" x 10"
• 12" x 8" • 3/4" x 12"
• 3/4" x 8" • 3/4" x 10"
• 3/4" x 12"

Knotty Grades
When rustic appearance is desired, knotty bevel siding is a great choice. Russin maintains an inventory of select knotty grades in various sizes and thicknesses. Listed below are items typically available with a random length tally. All knotty grades are graded on the saw featured side only.

Select Knotty (SK)
• 12" x 6" • 3/4" x 10"
• 3/4" x 10" • 3/4" x 12"
• 15/8" x 10" • 3/4" x 12"

Primed Clear Fingerprint
Primed Fingerprint Bevel Siding by Russin is an ideal cost-effective alternative when a painted surface and long life are desired. Primed Fingerprint Bevel Siding provides building contractors and homeowners with the warm, beauty and natural appearance of real Western Red Cedar, plus the built-in protection of a superior quality primer. Depending upon the saw, and/or coat costs of primer in Cape Cod Style is machine applied at our state-of-the-art facility.

Bevel siding is all 16' lengths with a maximum of 1.0% VMEbacks.

Available Grades/ Sizes
Clear Vertical Grain (CVG) and Aye & Better (A&BTR)
• 12" x 6" • 3/4" x 10"
• 12" x 8" • 3/4" x 12"
• 12" x 6" • 3/4" x 10"
• 12" x 8" • 3/4" x 12"

Knotty Grades
• 12" x 6" • 3/4" x 10"
• 12" x 8" • 3/4" x 12"
• 12" x 6" • 3/4" x 10"
• 12" x 8" • 3/4" x 12"

Western Red Cedar

PANELING

Kiln-dried Western Red Cedar paneling from Russin is available in both clear and knotty grades. Paneling creates beautiful exterior siding, soffits, interior walls, and ceilings. Products may be installed vertically, horizontally, or diagonally, with each method providing a different design style.

Clear Grades
Clear tongue and groove paneling provides a formal appearance and is available in many different grades and sizes. Listed below are items typically available with a random length tally. All clear grades are graded on the smooth face with a groove back.

Clear Vertical Grain (CVG) and Aye & Better (A&BTR)
Tongue & Groove (T&G)
• 1" x 4" T&G V&E
• 1" x 6" T&G V&E
• 1" x 8" T&G V&E
Center Matched Tongue & Groove (CM T&G)
• 1" x 4" CM T&G
• 1" x 4" CM T&G

Knotty Grades
Knotty tongue and groove paneling provides a more rustic or casual appearance. Listed below are items typically available with a random length tally. Products are graded on the smooth face with a groove back. V&E means v-joints on all four edges.

Select Knotty (SK)
• 1" x 4" T&G V&E
• 1" x 6" T&G V&E
• 1" x 8" T&G V&E
• 1" x 4" CM T&G
• 1" x 4" CM T&G

Channel Rustic Lap Pattern
• 1" x 8"
• 1" x 10"

Shiplap
• 1" x 8"
• 1" x 8"

Fineline Tongue & Groove (T&G)
• 1" x 6"
• 1" x 8"

Western Red Cedar

TRIM BOARDS

Kiln-dried Western Red Cedar trim boards from Russin are available in both clear and knotty grades. Western Red Cedar trim is an ideal choice for all exterior and interior applications including corner boards, track, eave, soffit, shut, and window and door trim. Texture options include surfaced one side and two edges (S1S2E) and surfaced four sides (S4S).

Clear Grades
Clear trim boards provide a fine grain, formal appearance and are available in many different grades and sizes. Listed below are items typically available with a random length tally.

Clear Vertical Grain (CVG) and Aye & Better (A&BTR)
• 1" x 4" S1S2E
• 1" x 6" S1S2E
• 1" x 8" S1S2E
• 1" x 10" S1S2E
• 1" x 12" S1S2E
• 5/4" x 4" S1S2E
• 5/4" x 6" S1S2E
• 5/4" x 8" S1S2E
• 5/4" x 10" S1S2E
• 5/4" x 12" S1S2E

D and Better Grade (D&BTR) C and Better Grade (C&BTR)
• 1" x 4" S1S2E
• 1" x 6" S1S2E
• 1" x 8" S1S2E
• 1" x 10" S1S2E
• 1" x 12" S1S2E
• 5/4" x 4" S1S2E
• 5/4" x 6" S1S2E
• 5/4" x 8" S1S2E
• 5/4" x 10" S1S2E
• 5/4" x 12" S1S2E

Knotty Grades
Knotty trim boards provide a more rustic or casual appearance and are available in select knotty grades. Listed below are the sizes typically available. Knotty boards are graded on the beveled face with a groove back.

Select Knotty (SK)
12/25 Quantity
• 1" x 4" S1S2E
• 1" x 6" S1S2E
• 1" x 8" S1S2E
• 1" x 10" S1S2E
• 1" x 12" S1S2E
• 5/4" x 4" S1S2E
• 5/4" x 6" S1S2E
• 5/4" x 8" S1S2E
• 5/4" x 10" S1S2E
• 5/4" x 12" S1S2E

Fortress Primed Clear Vertical Grain Fingerprint
Fortress primed fingerprint trim boards by Russin are an ideal cost-effective alternative when a painted surface and long life are desired. Fortress Trim provides building contractors and homeowners with the warm, beauty and natural appearance of real Western Red Cedar, plus the built-in protection of a superior quality primer. One coat of primer in Cape Cod Style is machine applied at our state-of-the-art facility.

Fortress Trim is available in 16' lengths with a maximum of 1.0% VMEbacks.

Clear Vertical Grain Fingerprint (CVG)
• 1" x 4" S1S2E
• 1" x 6" S1S2E
• 1" x 8" S1S2E
• 1" x 10" S1S2E
• 1" x 12" S1S2E
• 5/4" x 4" S1S2E
• 5/4" x 6" S1S2E
• 5/4" x 8" S1S2E
• 5/4" x 10" S1S2E
• 5/4" x 12" S1S2E

Fortress Primed Clear Vertical Grain Fingerprint (CVG)
• 1" x 4" S1S2E
• 1" x 6" S1S2E
• 1" x 8" S1S2E
• 1" x 10" S1S2E
• 1" x 12" S1S2E
• 5/4" x 4" S1S2E
• 5/4" x 6" S1S2E
• 5/4" x 8" S1S2E
• 5/4" x 10" S1S2E
• 5/4" x 12" S1S2E

Fortress
TRIM BY RUSSIN

Western Red Cedar

DECKING & ACCESSORIES

Kiln-dried Western Red Cedar decking from Russin is available in both clear and knotty grades. Contains with timbers, dimension, posts and timbers to build exterior porches, decks, patios, arbors, pergolas and many other projects both inside and out. All deck boards are surfaced four sides (S4S) with eased edges (EE).

Clear Grades
Clear decking offers naturally beautiful color and grain variations for a formal appearance. Listed below are the grades and clear species available.

C and Better Mixed Grain (C&BTR - MG)
• 5/4" x 6" S4S EE

Knotty Grades
Knotty decking provides a more rustic or casual appearance. Listed below are the sizes typically available.

Select Knotty (SK)
• 5/4" x 6" S4S EE

Balusters
Square balusters are available unseasoned and surfaced four sides (S4S) with an eased edge (EE) in a variety of lengths to create railings and for other applications. Listed below are the sizes and lengths typically available.

C and Better (C&BTR)
• 2" x 2" S4S
• 2" x 4" S4S (Available Kiln-Dried & Green)
• 2" x 6" S4S (Available Kiln-Dried & Green)
• 2" x 8" S4S (Available Kiln-Dried & Green)
• 2" x 10" S4S (Available Kiln-Dried & Green)
• 2" x 12" S4S (Available Kiln-Dried & Green)
• 4" x 4" S4S

Aye & Better (A&BTR)
• 2" x 2" S4S
• 2" x 4" S4S (Available Kiln-Dried & Green)
• 2" x 6" S4S (Available Kiln-Dried & Green)
• 2" x 8" S4S (Available Kiln-Dried & Green)
• 2" x 10" S4S (Available Kiln-Dried & Green)
• 2" x 12" S4S (Available Kiln-Dried & Green)
• 4" x 4" S4S

Western Red Cedar

DIMENSION, POST & TIMBERS

Western Red Cedar dimensional lumber, posts and timbers are also available from Russin in both clear and knotty grades. The natural beauty and superior performance of Western Red Cedar makes it the ideal choice for many different building projects. All products are surfaced four sides (S4S).

Clear Grades
Listed below are the grades and sizes typically available with a random length tally including Export R List #2 Clear and Better.

Clear Vertical Grain (CVG) and Aye & Better (A&BTR)
• 2" x 4" S4S (Kiln-Dried)
• 2" x 6" S4S (Kiln-Dried)
• 2" x 8" S4S (Kiln-Dried)
• 2" x 10" S4S (Kiln-Dried)
• 2" x 12" S4S (Kiln-Dried)
• 4" x 4" S4S

C and Better (C&BTR)
• 2" x 2" S4S (Available Kiln-Dried & Green)
• 2" x 4" S4S (Available Kiln-Dried & Green)
• 2" x 6" S4S (Available Kiln-Dried & Green)
• 2" x 8" S4S (Available Kiln-Dried & Green)
• 2" x 10" S4S (Available Kiln-Dried & Green)
• 2" x 12" S4S (Available Kiln-Dried & Green)
• 4" x 4" S4S

Knotty Grades
Listed below are the grades and sizes typically available.

Select Knotty (SK)
• 2" x 4" S4S
• 2" x 6" S4S
• 2" x 8" S4S
• 2" x 10" S4S
• 2" x 12" S4S

Appearance Grade - No Holes No Wane (NHNW)
• 4" x 4" S4S
• 6" x 6" S4S

Thermally Modified

VG HEMLOCK

Create years of curb appeal with UPP-Edge Thermally Modified vertical grain Hemlock. The thermal modification process stabilizes the wood, making it less vulnerable to shrinking and seasonal splits. Thermally Modified VG Hemlock boards come in several patterns, end-matched, and natural or primed. Perfect for exterior or interior use.

Boards
Clear Vertical Grain (CVG)
• 1" x 4" S1S2E
• 1" x 6" S1S2E
• 1" x 8" S1S2E
• 1" x 10" S1S2E
• 1" x 12" S1S2E
• 5/4" x 4" S1S2E
• 5/4" x 6" S1S2E
• 5/4" x 8" S1S2E
• 5/4" x 10" S1S2E
• 5/4" x 12" S1S2E

VG Hemlock Trim
The perfect complement to Thermally Modified Wood Cladding. The thermal modification process stabilizes the wood, making it less vulnerable to shrinking and seasonal splits.

Clear Vertical Grain (CVG) Patterns V&E and Nickel Gap
• 1" x 4"
• 1" x 6"
• 1" x 8"

Western Red Cedar

ENGINEERED WOOD SIDING

An exceptional siding product made from Western Red Cedar tongue and groove panels with a primed and edge glued back. This engineered real wood siding offers more stability than a solid piece of wood due to its jointed construction, resulting in superior cup and twist resistance.

Engineered Cedar Siding
Each time you use this product you extend the life of the forest floor times ten!

• 1" x 4" (special order)
• 1" x 6" (in stock)

Western Red Cedar

FENCING & GARDEN BOXES

Western Red Cedar Fencing and Garden Box stock are available in clear and knotty grades.

Fencing Grades
Fencing can be S1S2E or S4S boards in widths from 1 1/4 thru 3 1/2" or shorter lengths of decking like S4S4E or 8". Fencing can also be shorter lengths of pattern stock like T&G V&E Fineline, Shiplap or Channel. Any length can be used in fencing from 2' to longer, from vertical or horizontal applications, let your imagination decide.

Fencing, Soffits, Sheds or Saunas
S1S2E is most often used with base square edge reversible. S4S is regular "sided edge".

Garden Boxes
Garden box stock is available in widths from 2 1/4 thru 2 1/2" in both S4S and S1S2E. Lengths start with 4' and 6' at more modest pricing than regular length dimension.

Knotty is stock.
Clear is generally "special order".
S1S2E is most often used with base square edge reversible.
S4S is regular "sided edge".

Available in 4' & 6' lengths
• 2" x 4"
• 2" x 6"
• 2" x 8"
• 2" x 10"
• 2" x 12"

Boards
A&BTR, C&BTR & D&BTR
Available in 3', 4', 5', 6', 7' & 8' lengths
• 1" x 4" S1S2E
• 1" x 6" S1S2E
• 1" x 8" S1S2E
• 1" x 10" S1S2E
• 1" x 12" S1S2E

PATTERNS
A & BTR, T&G (Tongue & Groove), V&E (Vee & Edge), & CM (Center Match)
Available in 3', 4', 5', 6', 7' & 8' lengths
• 1" x 4" V&E CM
• 1" x 6" V&E CM
• 1" x 8" V&E CM
• 1" x 10" V&E CM
• 1" x 12" V&E CM
• 1" x 4" T&G Fineline
• 1" x 6" T&G Fineline
• 1" x 8" T&G Fineline
• 1" x 10" T&G Fineline
• 1" x 12" T&G Fineline
• 1" x 8" Shiplap
• 1" x 8" Channel Rustic
• 1" x 10" Channel Rustic

Western Red Cedar

CUSTOM FACTORY FINISHING

We're proud to be certified applicators of both Benjamin Moore and Sherwin Williams products. The finishers that we've trained and we've been trained in proper application of their products. Because of this status, we're able to offer finishes from these companies at a factory discounted rate.

Add Value with Custom Manufacturing and Machine-Applied Coating Services from Russin!
Coatings Expertly Applied On-Site at Russin Factory Finishing. Add warranty protection with machine applied coatings from Russin Factory Finishing. Coatings are applied under ideal conditions of temperature and humidity at our state-of-the-art machine-applied coating facility. All work is meticulously inspected and sealed.

Custom Architect-Specified Projects are Easy with Our On-Site Woodworking!
Made a custom pattern in Western Red Cedar? No problem, Russin has the answer. Produced by being one of the world's highest-quality lumber equipment manufacturers, our miller was installed recently in our Montgomery, NY facility.

From Narrow to Wide and Thin to Thick... You Specify It and We Can Do It!
Custom profiles of siding and paneling... historical reproductions... virtually whatever you need in either small or large quantities can be accurately produced in an amazingly short period of time.

Benjamin Moore® Premium Translucent 326
• VOC compliant formula dries faster
• Tug and resin penetrates deep in both hard and soft woods
• Offers a larger color selection

Benjamin Moore® Arbutocut Exterior Stain - Solid 6401
• Suitable for use on all types of wood and composite siding
• Superior UV protection
• Resists blistering, peeling, staining and scuffs
• Excellent topcoat and recoat properties
• Mildew resistant

Semi-Transparent Deck and Siding Stain
• Lightly pigmented to accentuate wood grain
• Water-repellent and UV protection
• One-coat application

Australian Timber Oil
• Available in five colors
• Three-way oil protection for superior penetration

Wood Toned Deck and Siding Stain
• Manufacture of finish that protects and beautifies woods natural appearance
• Available in five colors
• Water repellent and deep penetrating

Illustrated below are different coating effects all shown on the same Western Red Cedar bevel siding substrate.

Raw Cedar Clear Sealer Toned Sealer Semi-trans. Stain Solid Stain Primer Paint

Western Red Cedar

CREATE QUALITY PROJECTS WITH THE NATURAL BEAUTY, DURABILITY, AND PERFORMANCE OF WESTERN RED CEDAR

Russin's Western Red Cedar product offering provides quality builders, architects and homeowners with an amazing array of choices for a wide variety of exterior and interior applications including siding, trim, paneling, decking, and so much more.

Western Red Cedar is well-known for its natural beauty and durability, resistance to rot and decay, dimensional stability, and ability to easily accept a wide variety of finishes with excellent results - from oils and stains, to solid primers and paint.

Western Red Cedar is lightweight, makes it easy to handle. Its texture makes it easy to cut, nail, saw and nail with standard tools. For your next project specify Western Red Cedar, one of the world's finest building materials.

CUSTOM MILLING CAPABILITIES

We're proud of our miller's product offering, but we know that sometimes you have specific needs. Our custom milling facility is here to make those specific needs a reality. Our capabilities are extensive, our equipment is state-of-the-art, and our facility staff is meticulous. We're here to mill any lumber product we sell, or any customer-supplied lumber product we don't sell. When you're ready for a specific pattern, call Russin. We're here to help you get it.

• Suitable for use on all types of wood and composite siding
• Superior UV protection
• Resists blistering, peeling, staining and scuffs
• Excellent topcoat and recoat properties
• Mildew resistant

RUSSIN

www.russin.com

GAF Timberline HDZ

High Performance Asphalt Shingles

LAYERLOCK TECHNOLOGY

STAINGUARD PLUS
ALGAE RESISTANCE

Benefits:

- LayerLock® technology** — mechanically fastens the common bond between overlapping shingle layers
- Up to 99.9% nailing occupancy** — the ShingleZone® nailing area is so easy to nail that a roofer placed 99% out of 1,000 nails correctly in our test!
- WindProven® Limited Wind Warranty** — when installed with the required combination of GAF® accessories, Timberline HDZ® shingles are eligible for a wind warranty with no maximum wind speed limitation!
- Duro Grip®** sealant points with the microgranule surface of the ShingleZone® nailing area, and an asphalt-asphalt monolithic bond cause for durability, strength, and exceptional wind-uplift performance
- 25-Year StainGuard Plus®** Algae Protection Limited Warranty against blue-green algae discoloration!
- Proprietary GAF®** time-release algacide lighting technology helps protect your shingles from unsightly stains.
- For the best look** — use Timberline® premium ridge cap shingles or TimberClear® premium S&S-modified ridge cap shingles

Product details:

- ShingleZone® asphalt construction
- Dimensional stability: 13" x 39" (330 mm x 1,000 mm)
- Weight: 2.5 lbs (1.1 kg) per sq. yd.
- Bundle/Package: 3
- Material: Recycled 50%
- Standard Plus® Algae Protection Limited Warranty
- HybridBase™ Underlayment™ TimberClear® Stain & Mildew™ TrimGuard™ Storm Pro-Start™ QuickStart™ WeatherBlocker™

Algae Protection & Protection:

- Passes 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 mph winds with Class 3 rating
- UL Listed to ANSI/APA 108 Class A
- State of Florida Approved
- Classified by ICC-ES ESR-1388, Class H
- Meets ASTM D3330, Class F
- Meets ASTM D3330, Type 1
- Meets ASTM D3422
- Meets ICC-ES ESR-1475 and ESR-1327
- Meets Texas Department of Insurance 20-1000
- Meets Florida Building Code to comply with the 24-Cyclone Roof Requirements

Learn more about the high performance coverage product and more at www.gaf.com.
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Colors:

Blackwood	Firewood	SlateBlue	Charcoal	Empire Green
Driftwood	Forest Green	Cobalt Amber	Hickory	Matter Green
Mission Brown	Galaxy Gray	Palmetto Red	Revere Gray	Shakewood
State	Swamp Black	Woodsman Wood	Windsong Birch	

Harvest Blend Colors®

Appalachian Bay	Northcreek Morning	Golden Harvest	Cedar Path
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America's #1-selling shingle just got better — again

With GAF time-release algacide-fighting technology and LayerLock® technology, Timberline HDZ® offers everything you can expect from an architectural shingle roof, and more.

WINNER

Protect what matters most!™

VILLAGE DENTAL

41 E. MAIN STREET, HUDSON, OH 44236

PROJECT #: 2501
ISSUE: ARCH REVIEW 04-01-2025
VARIANCE SET: 04-17-2025
PLANNING COMMISSION: 08-15-2025
PLANNING COMMISSION: 10-27-2025
PLANNING COMMISSION: 12-17-2025

SPECIFICATIONS

A6.00

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Peninsula

www.pa-architects.com

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Peninsula, Ohio 44264
T 330.657.2800

PROGRESS NOT FOR CONSTRUCTION
2/6/2026

PROJECT TEAM:

PENINSULA ARCHITECTS

CIVIL ENGINEER:
GUTSKY AND ASSOCIATES
P 406.543.9900

STRUCTURAL ENGINEER:
ORATEC DESIGN BUILD
P 330.552.8211

MEP ENGINEER:
DEW ASSOCIATES
P 216.531.8880

WINNER

Protect what matters most!™

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Pella® Reserve™

Traditional Wood & Clad/Wood



Exquisitely designed windows and doors with unparalleled historical detailing.

Double-Hung Interior



Double-Hung Exterior



Available in these window and patio door styles:



Special design windows also available.

**See back cover for dimensions.

- Historical details.** Our most historically authentic line of wood windows and patio doors. Featuring through-the construction, deliberate proportions and intricate profiles. Pella Reserve™ Traditional products are the ideal choice for historical renovations and traditional building projects.
- Aesthetic hardware.** Complement your project with historically authentic spoon-lock window hardware. Our dental casement window hardware is inspired by period furniture to deliver authentic traditional style.
- Architectural interest.** Featuring the industry's only foam spacer solution, Pella's Integral Light Technology™ grille helps capture the look of true-divided light without sacrificing energy performance. Further your aesthetic with the paty profile, accented with historically accurate angles - providing meaningful depth and a realistic shadow. Pella Reserve products offer the industry's deepest sash dimension.
- Virtually unlimited customization.** If you can dream it, we can build it with our most customizable product line. From extra tall to extra wide, Pella can craft unique windows that complement your aesthetic. Custom sizes, grille patterns and designs, finishes, wood types and glass options are available.
- Tailor-made solutions.** From preliminary drawings to installation, Pella's expert team of architects, engineers, dealers and consultants can work to deliver custom window and door solutions for your project. Partner with Pella to achieve your unique vision without compromise.
- Intentional innovation.** Winner of the 2019 Most Innovative Window from Window and Door Magazine, the Integrated Rollscreen™ retractable screen preserves aesthetics and the view. It is a double- and single-hung screen that appears when you open the window, and rolls away, out of sight, when you close it.
- Durable interiors and extruded aluminum exteriors.** To help save you time on the job site, interior finish options are available in a variety of paints and stains, or primed and ready to paint. To complement your exterior aesthetic, choose from our carefully curated color palette or define your own custom color for your project.
- ENERGY STAR® certified.** Pella's wood products offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states.
- Exceeding beyond requirements.** At Pella, our products are tested beyond requirements to help ensure they have long-lasting performance and reduce call-backs for you.
- Best limited lifetime warranty!** Pella Reserve products are covered by the best limited lifetime warranty in the business for wood windows and patio doors.*

Product Specifications

Window & Patio Door Styles	Min. Width	Min. Height	Max. Width	Max. Height	Performance Values			Frame / Install	
					Performance Class Grade	U-Factor	SHGC		ETC
Awing	13.9"	13.9"	59"	59"	LC40-CW95	0.25-0.29	0.18-0.47	27.35	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Awing	17"	17"	53"	29"	R65-CW95	0.28-0.32	0.18-0.47	27.30	Pocket Replacement
Casement	13.9"	13.9"	47"	108"	R95-CW95	0.25-0.29	0.18-0.47	27.34	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Casement	17"	17"	39"	73"	R35-CW95	0.28-0.33	0.18-0.47	27.30	Pocket Replacement
Fixed Casement	10"	10"	144"	144"	R35-CW95	0.25-0.29	0.18-0.47	27.33	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Fixed Casement	17"	17"	59"	73"	R65-CW95	0.28-0.33	0.18-0.47	27.30	Pocket Replacement
Double-Hung	14"	24.5"	48"	96"	CW95-CW95	0.25-0.30	0.19-0.53	28.35	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Double-Hung	13.9"	23.9"	48"	84"	CW49-CW95	0.25-0.31	0.19-0.53	28.30	Pocket Replacement
Monumental Hung	13.9"	24"	72"	144"	LC25-CW95	0.25-0.30	0.17-0.47	29.34	Pocket Replacement
In-Swing Hinged Patio Door (Single)	18"	36"	48"	199.9"	LC40-LC55	0.25-0.29	0.14-0.46	31.35	
In-Swing Hinged Patio Door (Double)	36"	36"	199.9"	199.9"	LC40-LC55	0.25-0.29	0.14-0.46	31.35	
Out-Swing Hinged Patio Door (Single)	18"	36"	48"	199.9"	R65-LC70	0.25-0.30	0.14-0.39	30.36	
Out-Swing Hinged Patio Door (Double)	36"	36"	199.9"	199.9"	R65-LC70	0.25-0.30	0.14-0.39	30.36	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Sliding Patio Door (S)	30.9"	74"	66.9"	119.9"	LC40-LC70	0.29-0.32	0.15-0.42	—	
Sliding Patio Door (SXL 105)	39.9"	74"	119.9"	119.9"	LC23-LC45	0.29-0.32	0.15-0.42	29.35	
Sliding Patio Door (SXL2)	49"	74"	149"	119.9"	LC23-LC45	0.29-0.32	0.15-0.42	—	
Sliding Patio Door (SXL3)	59"	74"	179"	119.9"	LC23-LC45	0.29-0.32	0.15-0.42	—	
Multi-Slide Patio Door	40.9"	50.9"	70.9"	119.9"	R15-LC25	0.30-0.36	0.15-0.44	31	For more info, visit PellaAOM.com
BiFold Patio Door	31.9"	55.9"	312"	119.9"	R15-LC25	0.30-0.44	0.13-0.45	—	

Window sizes available in 1/8" increments. *Special order available. For more information regarding performance, visit pella.com/energy. For more information regarding frame and installation options, visit PellaAOM.com.

Grilles

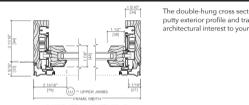
Integral Light Technology

Choose the look of true divided light featuring the industry's only foam spacer.



Cross Sections

Cross Sections



The double-hung cross sections provide visual reference to the historic paty exterior profile and traditional, lowlead Ogee interior that add architectural interest to your project.

**See back cover for dimensions.

Window Hardware

Get a timeless look with authentic styles in classic finishes.

Classic Collection

Finishes: Champagne, White, Brown, Matte Black, Oil-Rubbed Bronze, Satin Nickel, Satin Brass

Rustic Collection

Finishes: Distressed Bronze, Distressed Nickel

Essential Collection

Finishes: Champagne, White, Brown, Matte Black, Oil-Rubbed Bronze, Satin Nickel, Satin Brass

Patio Door Hardware

Choose timeless pieces, created in collaboration with Baldwin® Hardware, for a look that will never go out of style.

BALDWIN

Finishes: Matte Black, Oil-Rubbed Bronze, Satin Nickel, Satin Brass

Essential Collection

Elevate your style and transform a home with elegant selections.

Finishes: Champagne, White, Brown, Matte Black, Oil-Rubbed Bronze, Satin Nickel, Satin Brass

Additional hardware collections available. Visit PellaAOM.com for more information.

**See back cover for dimensions.

Colors

Choose the wood species that best complements your project's interior.

Wood Types

Custom colorations: DeepWal Fir, Mahogany, White Oak, Red Oak, Cherry, Maple

Prefinished Pine Interior Colors

Custom interior finishes, unfinished or primed and ready-to-paint are also available.

White, Bright White, Linen White, Natural Stain, Golden Oak Stain, Best American Stain, Provincial Stain, Dark Mahogany Stain

Extended Aluminum-Clad Exterior Colors

Our low-maintenance EnduraClad® exterior finish resists fading. Take durability one step further with EnduraClad Plus which also resists chalking and corrosion.*

Black, White, Brown, Fossil, Slate Gray, Peninsula, Putty, Almond, Classic White, Brick Red, Harvest Green, Pearl Gray, Soft Lines, Satin Steel, Matte Gray, Wolf Gray, Spice Red, Sage, Frost Blue, Deep Ash



Custom colors are also available.

Added Peace of Mind

Integrated Security Sensors Integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by poor installation. drilling. Sensors can be monitored via the free Pella® Inspector® App and are compatible with major security panel systems. For more information, go to connectpella.com.

The Best Limited Lifetime Warranty in the Industry

We know your reputation matters and you stake your reputation on quality, dependable products. That's why we have the best limited lifetime warranty in the industry for wood windows and patio doors.*

1. Some Pella products may not meet ENERGY STAR® guidelines in Canada. For more information, contact your local Pella sales representative or go to www.pella.com. 2. Based on comparable best-in-class products. EnergyStar.org and EnergyGuide.gov provide more information. See website for more details. 3. Includes requirements and restrictions. 4. See pella.com for more information. 5. See pella.com for more information. 6. See pella.com for more information. 7. See pella.com for more information. 8. See pella.com for more information. 9. See pella.com for more information. 10. See pella.com for more information. 11. See pella.com for more information. 12. See pella.com for more information. 13. See pella.com for more information. 14. See pella.com for more information. 15. See pella.com for more information. 16. See pella.com for more information. 17. See pella.com for more information. 18. See pella.com for more information. 19. See pella.com for more information. 20. 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