City of Hudson, Ohio

CD Meeting Agenda - Final

Architectural & Historic Board of Review

John Caputo, Chair
Allyn Marzulla, Vice Chair
John Workley, Secretary
Andrew Brown
Amy Manko
Françoise Massardier-Kenney
Jamie Sredinski

Nicholas Sugar, City Planner
Lauren Coffman, Associate Planner

Wednesday, February 25, 2026 **7:30 PM** **Town Hall**
27 East Main Street

I. Call To Order

II. Roll Call

III. Public Comment

IV. Consent Applications

A. AHBR 25-1510 **50 W Streetsboro Street**
Sign (Wall Sign)
Submitted by Dr. Shweta Arora
a) Staff recommends approval as submitted.
Attachments: 50 W Streetsboro Street - AHBR Packet

V. Old Business

A. AHBR 2025-1478 **88 N Main Street (Historic District)**
Alterations (Door Replacement)
Submitted by Joseph Kernan
a) Staff notes this application was continued from the February 11, 2026, AHBR meeting.
b) The AHBR requested the applicant add additional detail to the proposed front entry door to better align with the surrounding Historic District.
c) Staff notes the applicant has requested the AHBR table the request to the March 11, 2026, meeting to give them additional time to address the Boards comments in their design.
Attachments: 88 N Main St - AHBR Packet (1)

VI. New Business

A. AHBR 26-98 **201 N. Main Street (Historic District)**
Demolition, Alteration and Re-build
Submitted by Elizabeth Swearingen, Peninsula Architects

a) Staff notes this project received AHBR approval at the October 25, 2023, AHBR meeting.

b) The AHBR approved the project with the following conditions, staff notes these have been updated in the most recent set of drawings:

a. Recommendations two through six of the historical consultant's report
b. That the PVC shutters be changed to wood
c. That Pella Traditional Reserve series windows with simulated divided lite be used

c) Staff notes the previous approval has expired and the applicant is seeking re-approval for the proposed project.

Attachments: 201 N Main Street - AHBR Packet 2.25.26

201 N. Main St - Historic Preservation Consultant Report

B. AHBR 25-1022 **41 E Main Street (Historic District)**
Commercial Addition (Office and Storage Space)
Submitted by Elizabeth Swearingen, Peninsula Architects

a) Staff notes this proposal received informal AHBR comments at the April 9, 2025, meeting and Planning Commission approval on January 12, 2026.

b) Section IV-4(f)(3) of the Architectural Design Standards state "Details in the wings should be the same or subordinate to those in the main body. For example, a wing should not have an elaborate cornice if the main body has a simple one." Suggest removing the gable brackets to the north and south and gable ends to the east and west.

c) Staff notes horizontal siding is proposed for the wing addition, while the main mass has brick. However, Section IV-4 (d)(2) states "The wings may have a different material for the wall than the main body, but no more than two materials for the walls may be used on the structure." Question if siding color would match.

d) Section IV-4 (h)(3) of the Architectural Design Standards state that additions should be designed to be compatible with the main structure by incorporating materials and a foundation to match. Staff notes a brick foundation is proposed.

e) Remove references to "or approved equal" where materials are documented on the elevations.

f) Verify the proposed exterior door materials for the overhead and man door.

Attachments: 41 E Main Street - AHBR Packet

VII. Other Business

A. AHBR 8424 **1957 Norton Rd (Informal)**

New House (Single Family Dwelling)
Submitted by Matthew Neff

a) *Section I-2(b) of the Architectural Design Standards state that new buildings and alterations shall respect the existing context and framework. Staff notes the overall design is not compatible with the existing architectural framework of this area. Suggest incorporating gable roofs, a more prominent and central front entryway, and window and door trim to be more compatible.*

b) *Question if the house design could be rotated to provide a greater setback to the western property line and reduce impacts to wetlands and wetland setbacks.*

c) *The Land Development Code requires the front setback to be within the average of the two adjacent properties and not differ by more than ten percent from the front yard setbacks of the two properties immediately adjacent to the subject property, unless approved by the AHBR. Staff notes the proposed house would have a front setback of 180 ft. The property to the west has a front yard setback of approximately 300 ft. The property to the east has a front yard setback of 840 ft; however, this is a flag lot with only 60 ft of frontage. The next home to the east has a setback of 35 ft.*

d) *Section IV-4(b)(2) of the Architectural Design Standards state "The front face of the main body must sit forward at least 18" from the front face of the wings." Staff notes the proposed wing is in line with the main mass. Revise the massing to meet this requirement.*

e) *Section III-1(g)(8) of the Architectural Design Standards state "large expanses of blank wall are to be avoided". Fenestration placement should be at a minimum of approximately every 12 ft." Incorporate additional fenestration placement to meet this requirement.*

f) *Section IV-4(c) of the Architectural Design Standards state "all roofs in all the wings must be of the same shape as the main body". " Staff notes that a flat roof is proposed for the garage wing while the main house has a shed roof.*

g) *Section IV-4(b)(2) of the Architectural Design Standards state "the building shall have a typical window used for most windows. Revise the overall window designs to meet this requirement.*

h) *Verify exposed foundation material.*

Attachments: 1957 Norton Rd - AHBR Packet

B. AHBR 26-69 **11 S Main Street (Gazebo Green - Historic District)**
Alterations (Downtown Gazebo)
Submitted by City of Hudson

a) The proposal for the Gazebo renovations have been updated in response to both the AHBR comments made at the February 11, 2026 meeting and to community- wide feedback.
b) The revised scope of work would include the following; in-kind repair of the existing structure, landscaping, drainage improvements, concrete plaza (with alternate permeable concrete), and an ADA accessible lift at the southeast corner of the structure.
c) City Council has requested AHBR feedback on the revised proposal.
d) Staff notes the proposed ADA lift would require AHBR approval. At this time, Council is only requesting feedback from the AHBR. Staff anticipates a formal AHBR review of the ADA lift would follow, which would include to-scale elevations.
e) Staff has provided three lift products for AHBR comment; Liftup Flexstep, Liftup EasyLift, and the Hercules Vertical Platform.

Attachments: Gazebo Updated Site Plan
City of Hudson Gazebo - Updated Rendering
Lift Options
Gazebo Photos

C. AHBR 25-361 Findings of Fact **Architectural and Historic Board of Review Findings of Fact for case #25-361, for the property located at 33 E. Streetsboro Street, Hudson, OH 44236**

Attachments: AHBR Decision - 33 E. Streetsboro Street

D. AHBR 1.28.2026 **Minutes of Previous Architectural & Historic Board of Review Meeting: January 28, 2026.**

Attachments: January 28, 2026 AHBR Meeting Minutes - Draft

E. AHBR 2.11.2026 **Minutes of Previous Architectural & Historic Board of Review Meeting: February 11, 2026.**

Attachments: February 11, 2026 AHBR Meeting Minutes - Draft

IX. Adjournment

* * *

The mission of the Hudson City Government is to serve, promote and support, in a fiscally responsible manner, an outstanding community that values quality of life, a well-balanced tax base, historic preservation, with a vision to the future, and professionalism in volunteer and public service.

City of Hudson, Ohio

Staff Report

File Number: AHBR 25-1510

Meeting Date: 2/25/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Architectural & Historic Board of Review **File Type:** AHBR Application

50 W Streetsboro Street
Sign (Wall Sign)
Submitted by Dr. Shweta Arora
a) Staff recommends approval as submitted.
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W STREETSBORO ST.
17 A
17 C
60 STE 3
60 STE 1
Replace Wall Sign
30
50 STE 5
50 STE 4
50 STE 2
10 STE 100
10 STE 101
10 STE 101
10 STE 100
10 STE 103
10 STE 104
10 STE 106
10 STE 201

50 W Streetsboro St, Suite 2

Hudson, OH

Old Sign

50 W Streetsboro St, Suite 2

Hudson, OH

New Proposed Sign. Only the background was painted a different color and 9 Inch wooden composite lettering were applied.

SIGN APPLICATION DETAILS

12/18/2025

Replacing Letters on the existing Sign for Serene Med Spa of Hudson LLC

Owner: Serene Med Spa of Hudson LLC / Arora Development Group LLC

RE: Outdoor Wall Sign

Materials:

- **Sign material panel:** 3mm thick aluminum composite material (ACM) Existing. We just painted it Intense Teal.
- 9 Inch wooden composite lettering will be applied to the ACM. [18]
- The sign will be singled sided
- The sign will not be illuminated with direct lighting.
- The sign panel will be attached to the building with 7- 3/16 " x 3" exterior screws.
- No landscaping will be disturbed as it's the existing sign and only lettering will be changed as below

SERENE MED SPA
OPEN

Brand Color Palette

Element	Specification	Finish	Color Sample
Background	Sherwin-Williams Intense Teal (SW 6943)	Matte +1	
Lettering	Pure White	Matte +1	

City of Hudson, Ohio

Staff Report

File Number: AHBR 2025-1478

Meeting Date: 2/25/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Architectural & Historic Board of Review **File Type:** AHBR Application

88 N Main Street (Historic District)
Alterations (Door Replacement)
Submitted by Joseph Kernan

a) *Staff notes this application was continued from the February 11, 2026, AHBR meeting.*
b) *The AHBR requested the applicant add additional detail to the proposed front entry door to better align with the surrounding Historic District.*
c) *Staff notes the applicant has requested the AHBR table the request to the March 11, 2026, meeting to give them additional time to address the Boards comments in their design.*

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OHIO HISTORIC INVENTORY

Ohio Historic Preservation Office
Ohio Historical Center
Columbus, Ohio 43211

1. No.

2. nty
Summit

3. Location of Negatives
HHA 68-25,26,27,28

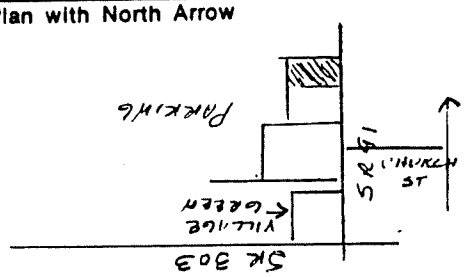
4. Present Name(s)
Tavern, Sam Post

5. Other Name(s)
Kepner's Tavern

6. Specific Location
88 North Main Street

7. City or Town
Hudson
If Rural, Township & Vicinity

8. Site Plan with North Arrow



9. Coordinates
Lat. _____ Long. _____
U.T.M. Reference

Zone	Easting	Northing
17	463122	4565305

10. Site ☐ Building ☑ Structure ☐ Object ☐

11. On National Register? Yes ☑ No ☐

12. Is it Eligible? Yes ☐ No ☐

13. Part of Estab. Hist. Dist.? Yes ☑ No ☐

14. District Potent'l? Yes ☐ No ☐

15. Name of Established District
Hudson Historic District

16. Thematic Category
C

17. Date(s) or Period
1892

18. Style or Design
no academic style

19. Architect or Engineer

20. Contractor or Builder

21. Original Use, if apparent

22. Present Use
tavern

23. Ownership Public ☐ Private ☑

24. Owner's Name & Address, if known

25. Open to Public? Yes ☑ No ☐
during business hrs

26. Local Contact Person or Organization
Hudson Heritage Association

27. Other Surveys in Which Included

28. No. of Stories

29. Basement? Yes ☑ No ☐

30. Foundation Material
brick, stone

31. Wall Construction
brick

32. Roof Type & Material
parapet/shed built up

33. No. of Bays
Front 3 Side

34. Wall Treatment
brick

35. Plan Shape
rect

36. Changes (Explain in #42) Addition ☐ Altered ☑ Moved ☐

37. Condition
Interior good
Exterior good

38. Preservation Underway? Yes ☑ No ☐

39. Endangered? Yes ☐ No ☑
By What?
*see below

40. Visible from Public Road? Yes ☑ No ☐

41. Distance from and Frontage on Road
70' 110'

42. Further Description of Important Features
12 pane fixed windows; beveled siding on front facade; heavy cornice connecting windows and entryway; projecting cornice above in brick facade; parapet of beveled siding.

*endangered by proposed widening of SR 91

Photo

43. History and Significance
Site of the Lockhart Saloon, where the fire of 1892 supposedly started. Rebuilt by A. W. Lockhart in 1892; used as tavern for more than 100 years.

44. Description of Environment and Outbuildings
In downtown Hudson commercial district; on heavily traveled SR 91.

45. Sources of Information
Summit County Tax Assessment records
Square Dealers, Eldredge and Graham
Personal inspection

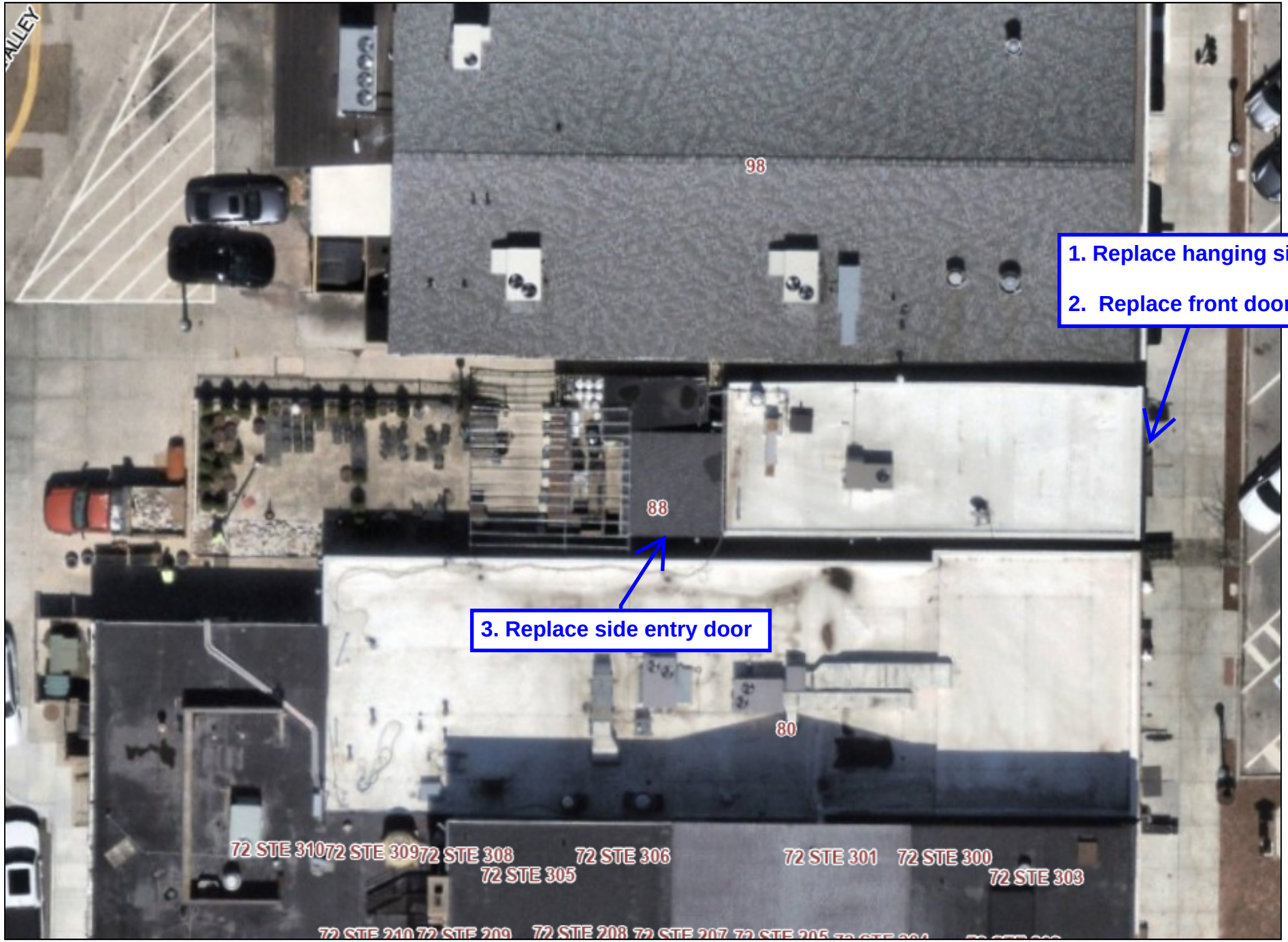
46. Prepared by
L Newkirk, F Barlow

47. Organization
HHA

48. Date

49. Revision Date(s)

Site Plan


1. Replace hanging sign
2. Replace front door
3. Replace side entry door
98
88
80
72 STE 310
72 STE 309
72 STE 308
72 STE 305
72 STE 306
72 STE 301
72 STE 300
72 STE 303
72 STE 208

Finish Line/James Clark dba
11460 Old Mill Rd
Spencer, OH 44275
(330)648-1515
finishlineroof@aol.com
http://finishlineroofsandmore.com

FINISH LINE CONSTRUCTION
FINISHLINEROOFS.COM

ADDRESS
Kepners tavern Samantha and keven Kepners tavern
88 north main street
Hudson, Ohio

Estimate 8887

DATE 02/12/2025

ACTIVITY	QTY	RATE	AMOUNT
Door This door project will include the labor waste removal material cost and warranty with this project. The material costs is approximately $4100 for the commercial doors to be a full light glass door with black framework and steel with handle lockset Trim and finish work with the front door it is a Thirty six inch door the side door is a thirty two inch door that will be the same style of door with half glass. This. Project should take two guys one day for completion	1	5,682.00	5,682.00
Misc Materials/Labor Required Misc Materials/Labor Required. Please Note: if any additional things need to be used, fix or repaired above and beyond the scope of work written in this integrated agreement, it will be at a rate of $75.00 per man hour plus materials. This may include but not limited to wood, hardware, electrical, and/or changes to the scope of work that result in extra work, etc.	1	0.00	0.00

"YOU THE BUYER, MAY CANCEL THIS TRANSACTION AT ANY TIME PRIOR TO MIDNIGHT OF THE THIRD BUSINESS DAY AFTER THE DATE OF THIS TRANSACTION. SEE SEPERATE NOTICE OF CANCELLATION FOR AN EXPLANATION OF THIS RIGHT"

ACTIVITY	QTY	RATE	AMOUNT
Guarantee Of Workmanship We will Guarantee our workmanship for 10 years. This guarantee covers defective workmanship only and does not cover defective materials and/or any acts of God such as flooding, hail, lightening, ice damage/backup, etc. Also this guarantee is null and void if any of our work is tampered with in any way. The buyer(s) agree that during or after the work is complete that if a defect is found that the buyers will comply with the guarantee provision by contacting the company by regular mail describing the issues they are experiencing within 7 days and allow us at least 4 opportunities to correct each deficiency prior to any action being taken. Guarantee does not transfer!! See guarantee form for more details. NOTE: Due to ground movement and other natural causes, we cannot guarantee that concrete, masonry, drywall, wood, caulk and any other items won't crack, split, move, warp, etc.	1	0.00	0.00
Payment terms We require 60% down and balance upon completion.	1	0.00	0.00

TOTAL	$5,682.00

Accepted By

Accepted Date

"YOU THE BUYER, MAY CANCEL THIS TRANSACTION AT ANY TIME PRIOR TO MIDNIGHT OF THE THIRD BUSINESS DAY AFTER THE DATE OF THIS TRANSACTION. SEE SEPERATE NOTICE OF CANCELLATION FOR AN EXPLANATION OF THIS RIGHT"

WE ARE CLOSED
DEC 31st AND JAN 1st.
HAPPY NEW YEAR!!!
-KEPNERS

WE ARE CLOSED
DEC 31st AND JAN 1st
HAPPY NEW YEAR!!!
-KERNERS

Trulite

Hanging Sign
Replacement
Front Door Replacement

Alteration in 2008

City of Hudson, Ohio

Staff Report

File Number: AHBR 26-98

Meeting Date: 2/25/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Architectural & Historic Board of Review **File Type:** AHBR Application

201 N. Main Street (Historic District)
Demolition, Alteration and Re-build
Submitted by Elizabeth Swearingen, Peninsula Architects

a) Staff notes this project received AHBR approval at the October 25, 2023, AHBR meeting.

b) The AHBR approved the project with the following conditions, staff notes these have been updated in the most recent set of drawings:

a. Recommendations two through six of the historical consultant's report
b. That the PVC shutters be changed to wood
c. That Pella Traditional Reserve series windows with simulated divided lite be used

c) Staff notes the previous approval has expired and the applicant is seeking re-approval for the proposed project.

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Peninsula

February 18, 2026

201 North Main Street
Hudson, Ohio 44236

To the Architectural and Historic Board of Review,

We are submitting an updated package for the repair and renovation of the building at 201 North Main Street.

The owner is attempting to prevent further deterioration of the building, both structurally and cosmetically. At this time, the final use of the building is undecided, but we will submit that information to both the City of Hudson and Summit County when the use and interior fit out plans have been completed.

The drawings have been amended to include reponses to your comments from October of 2023 (see attached letter dated 10/25/2023).

Sincerely,

Matthew Schwarz
Principal, COO

Peninsula Architects
pa-architects.com
P: 330.657.2800
E: info@pa-architects.com

NORTH MAIN RETAIL

OWNER

MIAVANA
110 W. STREETSBORO ST, SUITE 1A, HUDSON, OH
P: 234.602.4075

ARCHITECT

PENINSULA ARCHITECTS
1775 MAIN STREET, PENINSULA, OHIO
P: 330.657.2800

CONTACT: NATE BAILEY

STRUCTURAL

LEWIN AND ASSOCIATES
4110 MAYFIELD ROAD, SOUTH EUCLID, OHIO
P: 216.291.3131

CONTACT: ISAAC LEWIN

CIVIL

CIVIL DESIGN GROUP
36225 DETROIT ROAD, UNIT 475, AVON, OHIO
P:330.799.7291

CONTACT: JOSHUA OSTERHOUT

MEP

WRIGHT ENGINEERING
190 NORTH UNION STREET, SUITE 303 AKRON, OHIO
P: 330.606.2957

CONTACT: ERIC WRIGHT

BUILDER

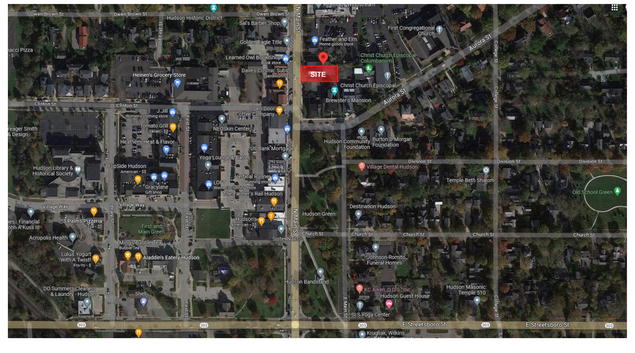
VILLA CUSTOM BUILDERS
14885 ENSIGN RD, BURTON, OHIO
P: 440.636.3494

CONTACT: JORDAN SNEDEKER

DRAWING INDEX

SHEET		ISSUE DATE
G1.00	COVER SHEET	01/02/24
G1.01	LIFE SAFETY PLAN & NOTES	01/10/24
CS100	EXISTING CONDITION AND DEMOLITION PLAN	11/22/23
CS200	SITE PLAN	11/22/23
CS300	GRADING PLAN	11/22/23
CS400	EROSION AND SEDIMENT CONTROL PLAN	11/22/23
CS401	EROSION AND SEDIMENT CONTROL NOTES	11/22/23
CS500	SITE DETAILS	11/22/23
S0.01	GENERAL STRUCTURAL NOTES	01/10/24
S0.02	STRUCTURAL DETAILS	01/10/24
A0.01	SPECIFICATIONS	08/23/23
A0.02	SPECIFICATIONS	08/23/23
A0.03	SPECIFICATIONS	08/23/23
A1.00	ARCHITECTURAL SITE PLAN	02/18/26
AD1.01	DEMOLITION PLANS AND ELEVATIONS	11/22/23
A1.01	BASEMENT AND FOUNDATION PLANS	01/10/24
A1.02	FIRST AND SECOND FLOOR PLANS (FOR REFERENCE)	01/10/24
A1.03	ROOF FLOOR PLAN	02/18/26
A3.01	EXTERIOR ELEVATIONS	02/18/26
A4.01	BUILDING SECTIONS	01/10/24
A4.02	BUILDING SECTIONS	01/10/24

SITE LOCATION MAP



ABBREVIATIONS

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

SYMBOLS

- 3 / A4.00 — DETAIL
- 1 / A2.00 — EXTERIOR ELEVATION
- A / A4.00 — A / A4.00 — BUILDING SECTION
- 2 / A5.00 — 1 / A5.00 — INTERIOR ELEVATION
- 2 / A3.00 — WALL SECTION
- J — CENTERLINE AND GRID
- 3 — WALL TYPE
- 101A — DOOR TAG
- 3 — WINDOW TAG
- 3 — CODED NOTE
- 0'-0" — SPOT ELEVATION

PROJECT INFORMATION

PARTIAL DEMOLITION AND INTERIOR RENOVATION OF AN HISTORIC TWO STORY COMMERCIAL BUILDING. THE BUILDING DATES TO EARLY 1840s AND REQUIRES A NEW FOUNDATION AND FRAMING. IN ORDER TO ACCOMMODATE THE STRUCTURAL REPAIRS WITHOUT DEMOLISHING THE BUILDING, THE HISTORIC HOUSE WILL BE LIFTED AND MOVED OFF THE FOUNDATION TO ALLOW A NEW FOUNDATION TO BE INSTALLED.

THIS DRAWING SET IS SPECIFIC TO THE EFFORT RELATED TO THE FOUNDATION AND FRAMING. A SEPARATE SET OF DRAWINGS WILL BE SUBMITTED FOR THE REMAINING ARCHITECTURAL, SITE UTILITIES, AND MEP PORTIONS OF PROJECT SCOPE.

CITY: HUDSON
COUNTY: SUMMIT

PARCEL NUMBER: 3201447

ZONING: 5-VILLAGE CORE DISTRICT

SETBACKS:
FRONT YARD: MIN. OF 75% OF FRONT WALL IS 0' TO EDGE OF SIDEWALK
REAR YARD: 10'
SIDE YARD: 0'

MAX. HEIGHT: 45'

SQUARE FOOTAGES

BASEMENT	852 SF
FIRST FLOOR FINISHED	**968 SF**
EXTERIOR COVERED AREAS	101 SF
SECOND FLOOR FINISHED	**520 SF**
TOTAL FINISHED SQUARE FOOTAGE	**1,488 SF**

MATERIALS LEGEND

- DIMENSIONAL LUMBER
- PLYWOOD
- FINISH WOOD
- GYPSUM BOARD
- BRICK
- EARTH
- STONE VENEER
- BLOCKING
- GRAVEL
- CONCRETE
- CONCRETE BLOCK
- STEEL
- RIGID INSULATION
- SPRAY FOAM INSULATION
- MINERAL WOOL INSULATION
- 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 (IEBC 2021 + AMENDMENTS)
MECHANICAL CODE: 2024 OF OHIO (IMC 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 AT 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 WHICH MAY INFLUENCE 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 CUASED 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

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COVER SHEET

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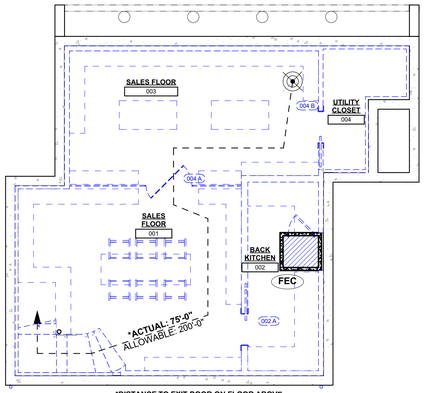
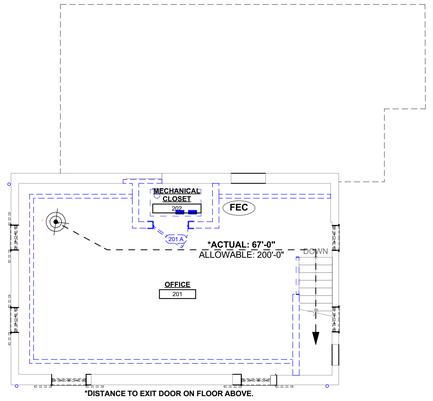


*DISTANCE TO EXIT DOOR ON FLOOR ABOVE.



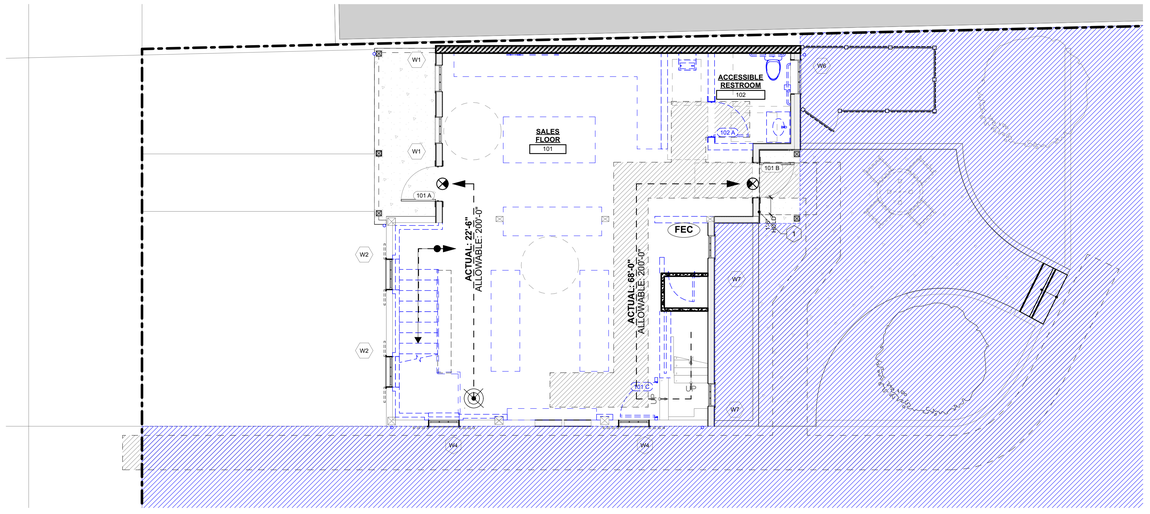
*DISTANCE TO EXIT DOOR ON FLOOR ABOVE.

1 BASEMENT LIFE SAFETY PLAN

SCALE: 3/16" = 1'-0"

2 SECOND FLOOR LIFE SAFETY PLAN

SCALE: 3/16" = 1'-0"



3 FIRST FLOOR LIFE SAFETY PLAN

SCALE: 3/16" = 1'-0"

ITEMS SHOWN IN BLUE DASHED LINES ARE FOR REFERENCE ONLY AND NOT TO BE REVIEWED BY PLANS EXAMINER AT THIS TIME.

CODE INFORMATION

APPLICABLE CODES

BUILDING:	2017 OHIO BUILDING CODE (IBC 2015)
MECHANICAL:	2017 OHIO MECHANICAL CODE (IMC 2015)
PLUMBING:	2017 OHIO PLUMBING CODE (IPC 2015)
ELECTRICAL:	2017 NATIONAL ELECTRICAL CODE (NFPA 70-17)
FIRE:	2017 OHIO FIRE CODE (IFC 2015)
ENERGY:	2012 INTERNATIONAL ENERGY CONSERVATION CODE (IECC-12) OR ASHRAE 90.1 2010
ACCESSIBILITY:	STANDARDS FOR ACCESSIBLE DESIGN (ICC A117.1-09 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES)
FIRE:	2017 OHIO FIRE CODE (IFC 15)
SPRINKLERS:	2016 INSTALLATION OF SPRINKLER SYSTEMS (NFPA 13-16)
FUEL GAS CODE:	2015 INTERNATIONAL FUEL GAS CODE (IFCG-15)

PROJECT SUMMARY:

OBC CHAPTER 3 | USE & CLASSIFICATION

SECTION 304 — B, BUSINESS; M, MERCANTILE

OBC CHAPTER 5 | GENERAL BUILDING HEIGHTS & AREAS

ALLOWABLE HEIGHT AND STORIES:
TABLES 504.3 AND 504.4:
B: 2 STORIES, 60'-0"

ACTUAL:
HEIGHT: 2 STORY, 30'-0"

AREA:
TABLE 506.2: (NS, NONSPRINKLERED)
B & M: 9,000 SF

ACTUAL:
TOTAL AREA: 1,488 SF

OBC CHAPTER 6 | TYPES OF CONSTRUCTION

SECTION 602 CONSTRUCTION TYPE: TYPE V-B

TYPE VB CONSTRUCTION IS THAT TYPE OF CONTRUCTION IN WHICH THE STRUCTURAL ELEMENTS, EXTERIOR WALLS, AND INTERIOR WALLS ARE OF ANY MATERIALS PERMITTED BY THIS CODE.

OBC CHAPTER 7 | FIRE AND SMOKE PROTECTION FEATURES

SECTION 705.2.3 PROJECTION PROTECTION

PROJECTIONS EXTENDING TO WITHIN 5' OF THE LINE USED TO DETERMINE THE FIRE SEPARATION DISTANCE SHALL BE FIRE-RETARDANT-TREATED WOOD.

OBC CHAPTER 9 | FIRE PROTECTION SYSTEMS

THIS BUILDING IS NOT SUPPRESSED AND NOT REQUIRED PER 903.2.7, ALL EXCEPTIONS MET.

OBC CHAPTER 10 | MEANS OF EGRESS

BASEMENT	852 SF @ 60 GSF =	14 OCCUPANTS
FIRST FLOOR	968 SF @ 60 GSF =	16 OCCUPANTS
SECOND FLOOR	520 SF @ 100 GSF =	5 OCCUPANTS
		35 OCCUPANTS

OTHER EGRESS COMPONENTS: 0.2 INCHES PER OCCUPANT

SECTION 1017.2: EXIT ACCESS TRAVEL DISTANCE FOR OCCUPANCY, NOT SUPPRESSED IS 200'-0".

LIFE SAFETY PLAN CODED NOTES

1. LOCATION OF RECESSED MOUNT KNOX BOX. REFER TO EXTERIOR ELEVATIONS FOR LOCATION INFORMATION AND MANUFACTURER SUPPLIED PRODUCT INFORMATION FOR ADDITIONAL DETAILS.

LIFE SAFETY WALL LEGEND

FIRE EXTINGUISHER: VERIFY LOCATIONS OF FIRE EXTINGUISHERS WITH LOCAL FIRE DEPARTMENT OFFICIAL AND REFER TO SPECIFICATIONS FOR TYPE INFORMATION AND ADDITIONAL DETAILS.

LIFE SAFETY PLAN SYMBOLS

- EXIT
- W = ACTUAL CLEAR WIDTH OF LIMITING COMPONENT (INCHES)
- X = OCCUPANTS USING EXIT
- Y = EXIT CAPACITY
- Z = EGRESS WIDTH PER OCCUPANT (INCHES/OCCUPANT)
- MOST REMOTE POINT, TO DETERMINE EXIT ACCES TRAVEL DISTANCE
- FEC — PORTABLE FIRE EXTINGUISHER CABINET
- FA — FIRE ALARM PULL STATION
- F — FIRE ALARM VISUAL/STROBE
- F — FIRE ALARM AUDIO AND VISUAL
- FAP — FIRE ALARM REMOTE ANNUNCIATOR
- HATCH INDICATES ACCESSIBLE PATH OF TRAVEL
- HATCH INDICATES FOR REFERENCE ONLY
- HATCH INDICATES 1 HOUR RATED WALL
- HATCH INDICATES 2 HOUR RATED WALL

TYPICAL ADA DETAILS (ICC A117.1-2009)

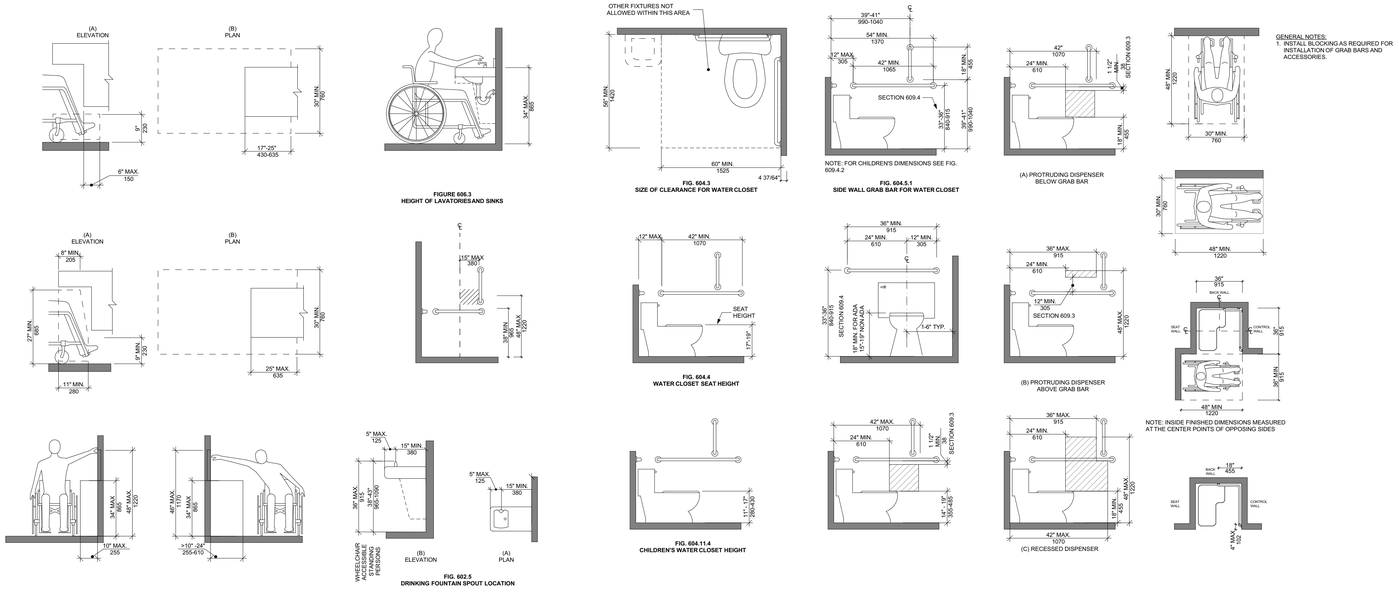


FIGURE 606.3
HEIGHT OF LAVATORIES AND SINKS

FIG. 604.3
SIZE OF CLEARANCE FOR WATER CLOSET

NOTE: FOR CHILDREN'S DIMENSIONS SEE FIG. 609.4.2

FIG. 604.5.1
SIDE WALL GRAB BAR FOR WATER CLOSET

FIG. 604.4
WATER CLOSET SEAT HEIGHT

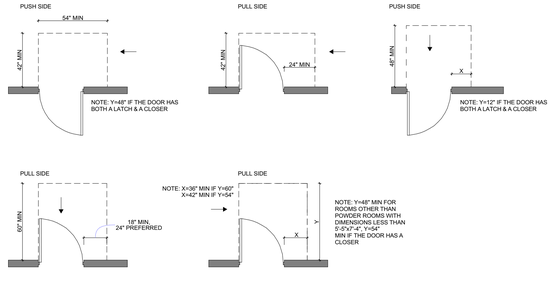
FIG. 604.11.4
CHILDREN'S WATER CLOSET HEIGHT

FIG. 602.5
DRINKING FOUNTAIN SPOUT LOCATION

NOTE: INSIDE FINISHED DIMENSIONS MEASURED AT THE CENTER POINTS OF OPPOSING SIDES

GENERAL NOTES:
1. INSTALL BLOCKING AS REQUIRED FOR INSTALLATION OF GRAB BARS AND ACCESSORIES.

MANEUVERING CLEARANCES AT MANUAL SWING DOORS (ADA 404.2.4.1)



OCCUPANCY SIGNAGE

NOTE: 'XX' TO BE REPLACED WITH INDICATED OCCUPANCY CAPACITY PER OCCUPANCY SCHEDULE ON G1.01. WHERE OCCUPANCY NUMBERS ARE TO BE POSTED IN ROOMS ADJACENT AND OPEN TO ANOTHER ROOM, COMBINED OCCUPANCY FOR CONNECTED SPACES MAY BE POSTED AT ALL REQUIRED LOCATIONS. INDICATED NUMBER NOT TO EXCEED SUM OF INIDVIDUAL ROOMS INDICATED PER OCCUPANCY SCHEDULE.

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LIFE SAFETY PLAN & NOTES

G1.01

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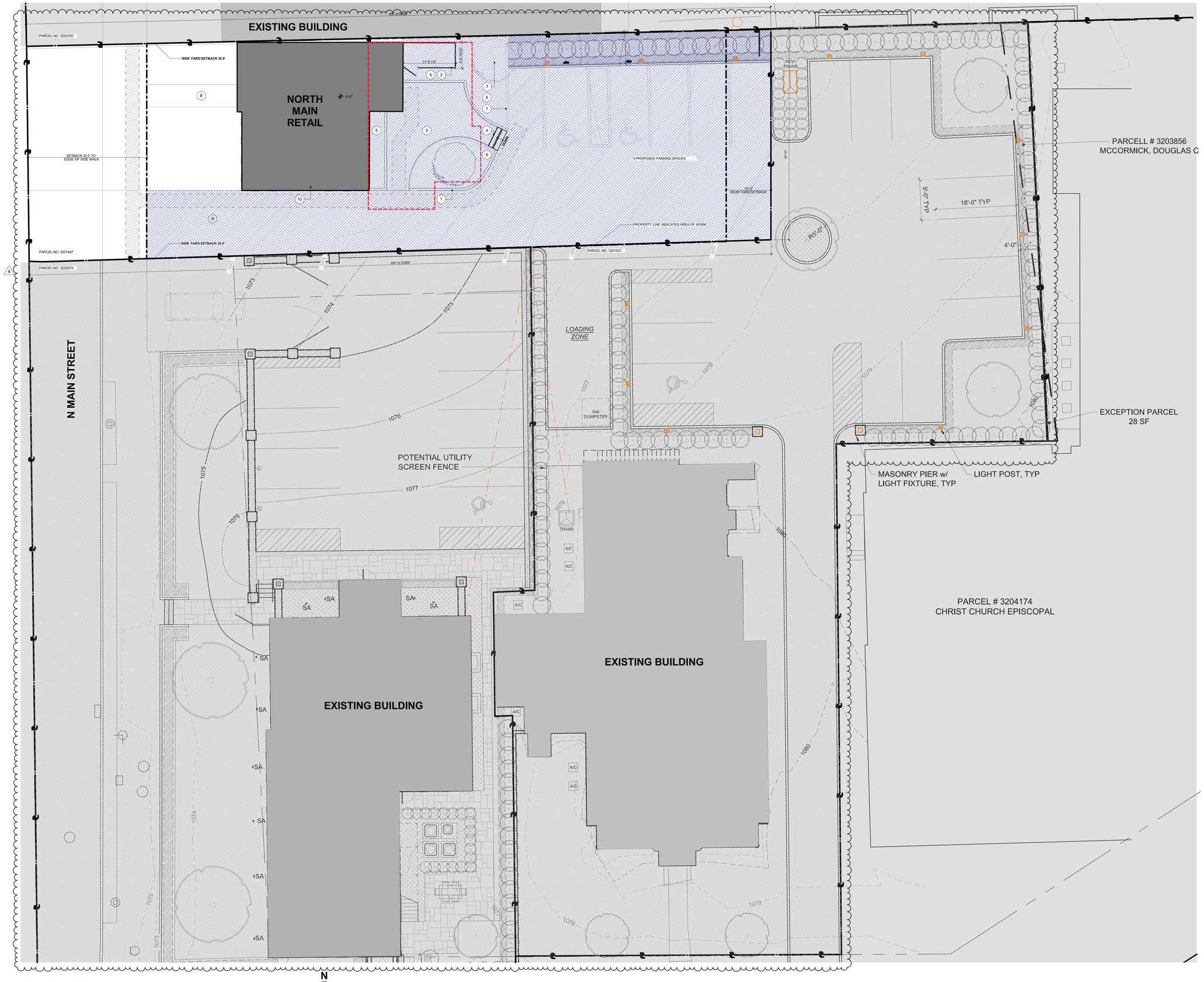

1 **SITE PLAN**
SCALE: 1/8" = 1'-0"

N

GENERAL NOTES

REFER TO CIVIL DRAWINGS FOR ADDITIONAL SITE INFORMATION, SUCH AS STREET GRADES, UTILITY LOCATIONS, AND FINISH GRADES.

REQUIRED PARKING SPACES: 6 SPACES
(RETAIL BUSINESS - 1 SPACE FOR EACH 250 SF)

PROPOSED PARKING SPACES:
ACCESSIBLE SPACES - 2 SPACES
TOTAL OFF STREET PARKING SPACES - 5 SPACES

1207.12 IN ZONE DISTICT 5, VILLAGE CORE, ANY ON-STREET PARKING LOCATED WITHIN 300 FT OF THE SBJECT SITE THAT CAN BE ACCESSED BY SIDEWALKS AND CROSS WALKS WITHIN THAT DISTANCE SHALL BE COUNTED TOWARD THE OFF-STREET PARKING REQUIREMENT OF THE SUBJECT USE.

SITE PLAN KEYNOTES

1. DRY LAID SANDSTONE RETAINING WALL
2. PRIVACY FENCE FOR HVAC CONDESNER, GENERATOR, AND TRASH
3. CONCRETE PATIO
4. STONE STAIR TREAD
5. LANDSCAPE BED
6. CRUSHED GRAVEL
7. EXISTING TREE TO REMAIN
8. EXISTING CONCRETE WALK TO REMAIN
9. EXISTING DRIVEWAY TO BE DEMOLISHED AND REPAVED
10. EXISTING HISTORIC BUILDING TO BE TEMPORARILY RELOCATED FOR EXCAVATION AND INSTALLATION OF NEW FOUNDATION AND FRAMING. BUILDING IS TO BE REINSTALLED IN EXACT LOCATION OF HISTORIC BUILDING, VERIFY FOOTPRINT IN FIELD

SITE PLAN LEGEND

- HATCH INDICATES AREA NOT INCLUDED IN PROJECT SCOPE
- PROPERTY LINE
- SETBACK LINE
- FOOT PRINT OF EXISTING BUILDING TO BE DEMOLISHED
- HATCH INDICATES ACCESSIBLITY ROUTE
- NEW ACCESSIBLE PARKING SPACE POLE MOUNTED SIGN
- HATCH INDICATES FUTURE DESIGN AND FOR REFERENCE ONLY
- 4 HATCH INDICATES OTHER PARCELS OWNED BY OWNER AND SERVES AS FUTURE MASTER PLAN. FOR REFERENCE ONLY.

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ARCHITECTURAL SITE PLAN

A1.00

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GENERAL STRUCTURAL NOTES (GSN)

OHIO Utilities Protection SERVICE
811 or 1-800-362-2764 Call Before You Dig

STRUCTURAL DESIGN CRITERIA

CODE: OHIO BLDG CODE, ADOPTED NOVEMBER 1, 2017 (REFERENCE 2015 IBC & ASCE 7-10)

BUILDING CONSTRUCTION TYPE:
USAGE:

LIVE LOAD DATA:
- ROOF LIVE LOAD: 20 PSF MIN.
- FLOOR LIVE LOAD: 100 PSF
- SECOND FLOOR OFFICE: 50 PSF

STAIR LOADS: 100 PSF
GUARDRAIL LOADS: 50 PLF ANY DIRECTION
200 LBS ANY DIRECTION
NOT APPLIED SIMULTANEOUSLY

ROOF SNOW LOAD DATA:
- FLAT-ROOF SNOW LOAD, P_f: 20 PSF
- SNOW EXPOSURE FACTOR, C_e: 0.9
- SNOW IMPORTANCE FACTOR, I_s: 1.0
- THERMAL FACTOR, C_t: 1.0

WIND DESIGN DATA:
- ULTIMATE WIND SPEED, V_{ult}: 115 MPH
- DESIGN WIND VELOCITY V_{asd}: 90 mph
- RISK CATEGORY: II
- EXPOSURE: B
- INTERNAL PRESSURE COEFFICIENT, GPC_i: +/- 0.18
- DESIGN PRESSURE: 20 PSF

EARTHQUAKE DESIGN DATA:
- RISK CATEGORY: II
- SEISMIC IMPORTANCE FACTOR I_E: 1.0
- SPECTRAL RESPONSE ACCELERATION PARAMETERS: S_S = 0.13 S_1 = 0.052
- SITE CLASS: D
- DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS: S_{DS} = 0.11 S_{D1} = 0.074
- SEISMIC DESIGN CATEGORY: B
- BASIC SEISMIC FORCE-RESISTING DESIGN BASE SHEAR: 0.8 KIPS
- RESPONSE MODIFICATION COEFFICIENT, C_S: 0.213
- RESPONSE MODIFICATION COEFFICIENT, R: 6.5
- ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

DESIGN BASIS: ALLOWABLE STRESS DESIGN (ASD) FOR ALL MEMBERS EXCEPT CONCRETE ULTIMATE STRENGTH DESIGN (USD) FOR REINFORCED CONCRETE MEMBERS

GENERAL

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES. IN CASE OF CONFLICT, MORE COSTLY REQUIREMENTS GOVERN FOR BIDDING. SUBMIT CLARIFICATION REQUEST PRIOR TO PROCEEDING WITH WORK.
2. ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE.
3. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK. UNLESS NOTED OTHERWISE, DETAILS IN STRUCTURAL DRAWINGS ARE TYPICAL AS INDICATED BY CUTS, REFERENCES, OR TITLES.
4. ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING CODES: OHIO BLDG CODE AND LATEST REVISIONS REFERRED TO HERE AS "THE CODE", AND ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK.
5. SEE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING: SIZE AND LOCATION OF ALL DOOR AND WINDOW OPENINGS, EXCEPT AS NOTED. SIZE AND LOCATION OF ALL INTERIOR AND EXTERIOR NONBEARING PARTITIONS. SIZE AND LOCATION OF ALL CONCRETE CURBS, EQUIPMENT PADS, PITS, FLOOR DRAINS, SLOPES, DEPRESSED AREAS, CHANGE IN LEVEL, CHAMFERS, GROOVES, INSERTS, ETC. SIZE AND LOCATION OF ALL FLOOR AND ROOF OPENINGS EXCEPT AS SHOWN. FLOOR AND ROOF FINISHES. DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.
6. SEE MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR THE FOLLOWING: PIPE RUNS, SLEEVES, HANGERS, TRENCHES, WALL AND SLAB OPENINGS, ETC., EXCEPT AS SHOWN OR NOTED. ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS. CONCRETE INSERTS FOR ELECTRICAL, MECHANICAL, OR PLUMBING FIXTURES. SIZE AND LOCATION OF MACHINE OR EQUIPMENT BASES, ANCHOR BOLTS FOR MOTOR MOUNTS.
7. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE BUT NOT BE LIMITED TO BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
8. ASTM SPECIFICATIONS ON THE DRAWINGS SHALL BE OF THE LATEST REVISION.
9. CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, ETC. IF ANY SUCH STRUCTURES ARE FOUND, ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
10. CONSTRUCTION MATERIAL SHALL BE SPREAD OUT IF PLACED ON FRAMED ROOF. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT. PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH.
11. UNLESS NOTED OTHERWISE, EXPANSION BOLTS IN CONCRETE SHALL BE 1/2" DIAMETER X 3 1/2" EMBEDMENT HILTI KWIK BOLTS III (ICBO 4627) OR APPROVED ALTERNATE WITH ALLOWABLE VALUES EQUAL TO OR EXCEEDING THOSE FOR HILTI, PER CURRENT ICBO RESEARCH REPORT. UNLESS NOTED OTHERWISE, ALL EPOXY ANCHORS SHALL BE 1/2" DIAMETER WITH 4 1/4" EMBEDMENT HILTI HIT SYSTEM (ICBO 4316) OR APPROVED ALTERNATE WITH ALLOWABLE VALUES EQUAL TO OR EXCEEDING THOSE FOR HILTI, PER CURRENT ICBO RESEARCH REPORT. INSTALL EXPANSION AND EPOXY ANCHORS PER MANUFACTURER'S RECOMMENDATIONS.
12. GROUT OTHER THAN FOR MASONRY CELLS SHALL BE NON-SHRINK, NON-METALLIC, MEETING ASTM C-827, C-191, AND C-109. MIXED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS. MINIMUM COMPRESSIVE STRENGTH 5,000 PSI IN TWO DAYS.

SPECIAL INSPECTION

THE FOLLOWING ELEMENTS OF CONSTRUCTION SHALL REQUIRE SPECIAL INSPECTION PER IBC TABLE 1806.2 + 1500 PSF FOOTINGS BUILDING OWNER TO FURNISH INSPECTION UNLESS INSTRUCTED OTHERWISE BY THE CONSTRUCTION CONTRACT.

Description	Design Value
Soils	
Soil Bearing Capacity (Presumptive Table 1806.2)	1,500 PSF
Helical Pile Capacity (underpinning)	20 KIPS
Concrete	
Compressive strength at 7 and 28 days	ASTM C-31 and C-39
Footings	3000 PSI
Slabs on Grade	4000 PSI
Concrete Density, ASTM C-138	145 PCF normal
Concrete Slump (1 per 50 CY or fraction)	4" max ASTM C-143
Percentage Entrained Air for exterior concrete	6% ± 1 ASTM C-231
Verify reinforcing sizes and placement	ASTM A-615, Grade 60
Wood Framing	
Verify lumber grades	Visual
Shear Wall	Visual
Nailing Patterns	Visual
Light Gage Metal Connectors	Visual

a. THE CONSTRUCTION INSPECTIONS LISTED ARE IN ADDITION TO THE CALLED INSPECTIONS REQUIRED BY THE CODE. SPECIAL INSPECTION IS NOT A SUBSTITUTE FOR INSPECTION BY LOCAL BUILDING DEPARTMENT. SPECIALLY INSPECTED WORK WHICH IS INSTALLED OR COVERED WITHOUT THE APPROVAL OF THE LOCAL BUILDING INSPECTOR IS SUBJECT TO REMOVAL OR EXPOSURE AT CONTRACTOR'S EXPENSE.

b. CONTINUOUS INSPECTION IS ALWAYS REQUIRED DURING THE PERFORMANCE OF THE WORK UNLESS OTHERWISE SPECIFIED.

c. THE SPECIAL INSPECTORS MUST BE CERTIFIED BY THE LOCAL BUILDING DEPARTMENT TO PERFORM THE TYPES OF INSPECTION SPECIFIED.

d. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM THE SPECIAL INSPECTOR OF WORK READY FOR INSPECTION AT LEAST ONE WORKING DAY PRIOR TO PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION. ALL WORK PERFORMED WITHOUT REQUIRED SPECIAL INSPECTION IS SUBJECT TO REMOVAL.

e. SUBMIT WRITTEN REPORTS WITHIN TWO DAYS OF TESTING TO ENGINEER OF RECORD.

f. G.C. TO NOTIFY BUILDING DEPT. OF SPECIAL INSPECTORS NAME AND CONTACT INFORMATION.

CONSTRUCTION SUBMITTALS

1. THE STRUCTURAL SUBMITTAL REVIEW IS INTENDED TO HELP THE ENGINEER VERIFY HIS DESIGN CONCEPT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK HIS OWN SUBMITTALS. THE ENGINEER WILL REVIEW THE SUBMITTALS FOR CONFORMANCE WITH CONSTRUCTION DOCUMENTS, GENERAL DIMENSIONS, MEMBERS, ELEVATIONS AND CONNECTIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL DIMENSIONS IN SUBMITTALS AND COORDINATION WITH OTHER TRADES.
2. SHOP DRAWINGS ARE THE CONTRACTORS AND FABRICATOR'S WORK PRODUCT. THE CONTRACTOR AND FABRICATOR ARE SOLELY RESPONSIBLE FOR ANY ERRORS IN THEIR SHOP DRAWINGS. THE ENGINEER IS NOT ENGAGED TO PERFORM DETAIL CHECKING OF THE SHOP DRAWINGS NOR WILL HE BE RESPONSIBLE FOR ANY ERRORS IN OR MISSING MATERIALS FROM THE SHOP DRAWINGS.
3. FOR PRINT CONSTRUCTIONS UP TO SUBMIT ONLY 2 SETS OF SHOP DRAWINGS TO ENGINEER FOR REVIEW. ANY ADDITIONAL SETS WILL BE RETURNED UNMARKED. FOR ELECTRONIC SUBMITTALS CONTRACTOR WILL BE RESPONSIBLE FOR PRINTING CHARGES FOR ONE SET OF EACH SUBMITTAL. CORRECTIONS WILL BE RETURNED ELECTRONICALLY.
4. ALL SUBMITTALS ARE TO BE REVIEWED AND APPROVED BY THE GENERAL CONTRACTOR AND CHECKED BY THE FABRICATOR OR VENDOR PRIOR TO SUBMITTAL FOR REVIEW BY ENGINEER.
5. THE STRUCTURAL SUBMITTALS WILL BE RETURNED FOR RESUBMITTAL IF A CURSORY REVIEW SHOWS MAJOR ERRORS WHICH SHOULD HAVE BEEN FOUND BY THE GENERAL CONTRACTOR'S CHECKING.
   THE FOLLOWING SUBMITTALS, WHEN APPLICABLE, ARE REQUIRED FOR SUBMITTAL FOR STRUCTURAL REVIEW:

ITEM	PROD. DATA	DRAWINGS	CALC'S	PE SEAL
a. SPLICED REINFORCING		X		
b. CONCRETE MIX DESIGNS	X			
c. STRUCTURAL STEEL		X		
d. WOOD TRUSSES	X	X	X	X
e. HELICAL PILES	X		X	X

6. ANY SUBMITTAL OF A DETAIL SHEET WITH ADDED INFORMATION SHALL BE ACCOMPANIED BY LOCATION PLAN IDENTIFYING THE MEMBERS INVOLVED AND CLOUDING AROUND ADDED INFORMATION.
7. ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BE BY A REGISTERED STRUCTURAL ENGINEER, AND SUBMITTAL SHALL BE SEALED BY THE ENGINEER. SAID ENGINEER MUST BE REGISTERED WITH THE STATE THE PROJECT IS LOCATED WITHIN.
8. THE CONTRACT DOCUMENTS MAY NOT BE USED BY THE DETAILER AS USE IN ERECTION OR DETAIL DRAWINGS WITH OUT PRIOR WRITTEN PERMISSION FROM THE STRUCTURAL ENGINEER
9. SUBMITTALS ARE TO BE RECEIVED BY THE STRUCTURAL ENGINEER A MINIMUM OF 10 WORKING DAYS PRIOR TO CONSTRUCTION SCHEDULING. STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION DELAYS DUE TO INADEQUATE SCHEDULING OF SUBMITTAL REVIEW. SUBMITTALS TO BE SUBMITTED TO ARCHITECT PRIOR TO ENGINEERS REVIEW.
10. ANY ALTERNATE PRODUCTS ARE TO BE SUBMITTED IN ADVANCE OF PRODUCTS INSTALLATION FOR APPROVAL BY ENGINEER OF RECORD. PRODUCT MUST EQUAL OR EXCEED SPECIFICATIONS AND QUALITY OF PRODUCTS SPECIFIED BY ENGINEER OF RECORD. ENGINEER OF RECORD RESERVES THE RIGHT TO ACCEPT OR REJECT ANY PRODUCT SUBSTITUTION WITHOUT CAUSE.

FOUNDATION

1. FOOTINGS ARE DESIGNED BASED ON THE FOLLOWING INFORMATION: PRESUMPTIVE BEARING CAPACITY PER IBC TABLE 1806.2 = 1500 PSF FOOTINGS SHALL BEAR ON COMPACTED FILL OR NATIVE SOILS TESTED.
2. CONTRACTOR TO PROVIDE FOR DE-WATERING OF EXCAVATIONS FROM EITHER SURFACE WATER, GROUND WATER, OR SEEPAGE, IF REQUIRED.
3. CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING, AND SHORING REQUIRED AND SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS, AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL SAFETY ORDINANCES.
4. EXCAVATION FOR FOOTINGS SHALL BE APPROVED BY THE INSPECTOR OR SOILS ENGINEER PRIOR TO PLACING THE CONCRETE AND REINFORCING. CONTRACTOR TO NOTIFY THE INSPECTOR WHEN INSPECTION OF EXCAVATION IS READY. INSPECTOR TO SUBMIT A LETTER OF COMPLIANCE.
5. ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. DO NOT PLACE BACKFILL BEHIND RETAINING WALLS BEFORE CONCRETE OR GROUT HAS ATTAINED FULL DESIGN STRENGTH.
6. FOUNDATIONS SHALL BE PLACED AND ESTIMATED ACCORDING TO DEPTHS SHOWN ON DRAWINGS. SHOULD SOIL ENCOUNTERED AT THESE DEPTHS NOT BE APPROVED BY THE INSPECTOR OR SOILS ENGINEER, FOUNDATION ELEVATIONS WILL BE ALTERED BY CHANGE ORDER.
7. FOOTING BACKFILL AND UTILITY TRENCH BACKFILL WITHIN BUILDING AREA SHALL BE MECHANICALLY COMPACTED IN LAYERS IN ACCORDANCE WITH THE SOILS REPORT AND APPROVED BY THE INSPECTOR. ALL FILLS USED TO SUPPORT FOUNDATIONS SHALL BE INSPECTED BY THE SOILS ENGINEER REPRESENTATIVE PER CODE SECTION 1704.
8. ALL ABANDONED FOOTINGS, UTILITIES, ETC. WHICH INTERFERE WITH NEW CONSTRUCTION SHALL BE REMOVED. NEW FOOTINGS SHALL EXTEND INTO UNDISTURBED SOILS.
9. SLABS ON GRADE SHALL BE SUPPORTED ON NATURAL GRADE OR COMPACTED FILL AS PER THE RECOMMENDATIONS OF THE SOILS REPORT. PROOF ROLL PRIOR TO PLACING BASE COURSE. AREAS NOT COMPACTED FILL.
10. PLACE FILLS TO BE COMPACTED IN MAX 8" LOOSE LIFTS. COMPACT TO MINIMUM 98% OF MAXIMUM DENSITY AT +/-2% OPTIMUM MOISTURE WHEN TESTED IN ACCORDANCE WITH ASTM D-698.
11. COMPACT UNDERSLAB GRANULAR FILL TO 98% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D-698.
12. DO NOT BACKFILL AGAINST WALLS UNTIL FLOOR STRUCTURE IS COMPLETE OR WALL IS ADEQUATELY BRACED. USE STRUCTURAL PIPE BRACING. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF BRACING.

CONCRETE

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH CHAPTER 19 OF THE CODE AND WITH THE PROVISIONS OF ACI 318, LATEST EDITION.
2. REINFORCED CONCRETE IS DESIGNED BY THE "ULTIMATE STRENGTH DESIGN METHOD".
3. CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER. MIX DESIGN METHODS (TEST RECORD OF TRIAL BATCH METHOD PER ACI SECTION 5.3 SHALL BE USED TO PROPORTION CONCRETE. SUBMIT MIX DESIGN METHOD DATA. IF 3-POINT CURVES ARE USED, GC TO CLEARLY IDENTIFY WHICH POINT ON CURVE IS USED AND MIX DESIGN ON 3-POINT CURVE.
4. SCHEDULE OF STRUCTURAL CONCRETE 28-DAY STRENGTH AND TYPES (SLUMP LISTED IS MAX):

LOCATION IN STRUCTURE	STRENGTH	W/C RATIO	SLUMP	DENSITY
• FOUNDATIONS	3000 PSI	0.58	4"	150 PCF
• FOUNDATION WALLS	4000 PSI	0.50	4"	150 PCF
• SLABS ON GRADE	4000 PSI	0.45	4"	150 PCF

   CONTRACTOR AT HIS OPTION MAY INCREASE SLUMP WITH USE OF HRWR ADMIXTURE. LIMIT SLUMP INCREASE TO 2" GREATER THAN THAT ALLOWED WITHOUT HRWA.
5. PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE I OR II.
6. AGGREGATE FOR CONCRETE SHALL CONFORM TO ALL REQUIREMENTS AND TESTS OF ASTM C-33 AND PROJECT SPECIFICATIONS.
7. CONCRETE MIXING OPERATION, ETC. SHALL CONFORM TO ASTM C-94.
8. PLACEMENT OF CONCRETE SHALL CONFORM TO ACI CODE CHAPTER 5 AND PROJECT SPECIFICATIONS.
9. CLEAN AND ROUGHEN TO 1/4" AMPLITUDE ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED.
10. ALL REINFORCING BARS, ANCHOR BOLTS, AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.
11. CUT JOINTS FOR SLABS ON GRADE A MAXIMUM OF 12'-0" O.C., UNLESS NOTED OTHERWISE ON THE CONTRACT DOCUMENTS. CUT JOINTS WITHIN 8 (EIGHT) HOURS AFTER PLACING CONCRETE.
12. CONCRETE EXPOSED TO THE WEATHER, FREEZE-THAW, DEICING CHEMICALS, AND OR PARKED VEHICLES SHALL CONTAIN 6% (+/-1%) ENTRAINED AIR EITHER BY USING TYPE "A" PORTLAND CEMENTS OR ADMIXTURES CONFORMING TO ASTM C-260.
13. CURE CONCRETE BY WET CURING OR LIQUID SPRAY CONFORMING TO ASTM C-309. CONTRACTOR TO VERIFY CURING AGENT IS COMPATIBLE WITH ANY FLOOR ADHESIVES SPECIFIED WITHIN THE CONTRACT DOCUMENTS.
14. ALL ADMIXTURES SHALL BE COMPATIBLE WITH ONE ANOTHER. PREFERABLY ONE MANUFACTURER SHALL BE USED FOR ALL ADMIXTURES.
15. CALCIUM CHLORIDE OR CHLORIDE CONTAINING ADMIXTURES **WILL NOT** BE PERMITTED UNDER ANY CIRCUMSTANCES.
16. FLYASH CONTENT, IF APPROVED IN ADVANCE BY ENGINEER, SHALL BE LIMITED TO 25% OF TOTAL CEMENTITIOUS MATERIAL OR 25% OF PORTLAND CEMENT CONTENT. IF FLYASH IS USED, CONTRACTOR SHALL TAKE ADDITIONAL CONCRETE TEST CYLINDERS FOR 56 DAY BREAKS.
17. DURING HOT WEATHER PLACE CONCRETE IN ACCORDANCE WITH ACI 305. DURING COLD WEATHER PLACE CONCRETE IN ACCORDANCE WITH ACI 306.

REINFORCING STEEL

1. REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 12 OF THE ACI CODE, ASTM A-615, GRADE 60 U.N.O.
2. BARS SHALL BE CLEAN OF RUST, GREASE, OR OTHER MATERIALS LIKELY TO IMPAIR BOND. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 (MATS ONLY). WWF SHALL BE SUPPORTED ON APPROVED CHAIRS.
4. REINFORCING BAR SPLICES SHALL BE MADE AS INDICATED ON THE DRAWINGS. MINIMUM SPLICE LENGTH FOR REINFORCING STEEL BARS IN MASONRY SHALL BE 40 BAR DIAMETERS, 24" MINIMUM. MINIMUM SPLICE LENGTH FOR REINFORCING STEEL BARS IN CONCRETE SHALL BE PER THE ACI CODE SECTION 12. LAP ALL HORIZONTAL BARS AT CORNERS AND INTERSECTIONS. DOWEL ALL VERTICAL REBAR TO FOUNDATIONS. ALL SPLICE LOCATIONS ARE SUBJECT TO APPROVAL BY STRUCTURAL ENGINEER. PROVIDE REQUIRED SHOP DRAWINGS AND FABRICATE AFTER ENGINEER'S APPROVAL.
5. ALL BARS SHALL BE MARKED SO THEIR IDENTIFICATION CAN BE MADE WHEN THE FINAL INPLACE INSPECTION IS MADE.
6. BARS IN SLABS SHALL BE SECURELY SUPPORTED ON WELL-CURED CONCRETE BLOCKS (MAX 2" HIGH) OR METAL CHAIRS, PRIOR TO PLACING CONCRETE.
7. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE FOLLOWING STANDARDS: "ACI DETAILING MANUAL MNL-66", LATEST EDITION; "CRSI MANUAL OF STANDARD PRACTICE", LATEST EDITION; AND "CRSI REINFORCING BAR DETAILING", LATEST EDITION. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ADEQUATE PLACEMENT, SPACING, SUPPORT, AND TYING OF REINFORCING STEEL.
8. REBAR SPACINGS GIVEN ARE MAXIMUM ON CENTER WHETHER STATED AS "O.C." OR NOT. ALL REBAR IS CONTINUOUS WHETHER STATED AS "CONT." OR NOT.
9. WHERE REINFORCING IS SHOWN CONTINUOUS THROUGH CONSTRUCTION JOINTS, MECHANICAL BAR SPLICE DEVICES MAY BE USED. SIZES AND TYPES SHALL BE SELECTED TO DEVELOP THE FULL TENSION STRENGTH OF THE BAR PER ICBO RESEARCH REPORT. SUBMIT FOR APPROVAL BY STRUCTURAL ENGINEER.
10. CONTINUOUS INSPECTION OF CONCRETE SHALL INCLUDE INSPECTION DURING INSTALLATION OF REINFORCING STEEL. INSPECTION SHALL BE SCHEDULED SO THAT PLACEMENT OF REINFORCING STEEL, CONDUIT, SLEEVES, AND EMBEDDED ITEMS SHALL BE CORRECTED PRIOR TO PLACEMENT OF OVERLYING GRIDS OF REINFORCING STEEL.
11. CONCRETE PROTECTION FOR REINFORCEMENT
    CAST-IN-PLACE CONCRETE (NON-PRESTRESSED)
    THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT UNLESS NOTED OTHERWISE:

	COVER
A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:	3"
B. CONCRETE EXPOSED TO EARTH OR WEATHER:	
NO. 5 BAR(S) NO. 18 BAR 1 1/2"	2"
NO. 5 BAR, W31 OR D31 WIRE AND SMALLER	1 1/2"
C. CONCRETE NOT EXPOSED TO WEATHER NOR IN CONTACT WITH GROUND:	1 1/2"
D. SLABS, WALLS, JOISTS:	
NO. 11 BAR AND SMALLER	3/4"

12. REPAIR ANY DAMAGED EPOXY COATINGS AS REQUIRED BY ACI AND ASTM REQUIREMENTS.
13. MILL TEST REPORTS FOR GRADE 60 BARS SHALL BE SUBMITTED PRIOR TO PLACEMENT OF CONCRETE.

STRUCTURAL STEEL

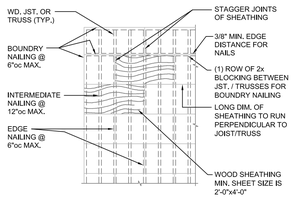
1. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS LATEST EDITION (EXCLUDING SECTION A7).
2. ALL STRUCTURAL STEEL SHALL CONFORM TO THE ASTM DESIGNATION AS INDICATED BELOW (U.N.O.):

	ASTM #/ISO #/EN #
• WF SHAPES:	A992
BASE PLATES, CONNECTION PLATES, ANGLES, CHANNELS, AND MISCELLANEOUS STEEL:	ASTM A-36
• PIPE:	A-53, GRADE B
• TUBE SECTIONS:	A-500
• H.S. BOLTS:	F-3125 GR 325
• NON-STRUCTURAL BOLTS:	A-307

3. THE STRUCTURAL STEEL FABRICATOR SHALL FURNISH SHOP DRAWINGS TO THE ENGINEER OF ALL STEEL FOR STRUCTURAL ENGINEERS REVIEW AND APPROVAL BEFORE FABRICATION.
4. HOLES IN STEEL SHALL BE 1/16" LARGER DIAMETER THAN NOMINAL SIZE OF BOLT USED, EXCEPT AS NOTED.
5. BEAM END CONNECTIONS SHALL BE DOUBLE ANGLES, OR SHEAR TABS FOR TOTAL UNIFORM LOAD CAPACITY OF THE BEAM FOR THE GIVEN SPAN.
6. DOUBLE ANGLES SHALL BE SIZED FOR ALL APPLICABLE SPECIFICATIONS IN THE LATEST AISC STEEL CONSTRUCTION MANUAL INCLUDING BUT NOT LIMITED TO PRYING ACTION. MINIMUM 10 KIPS.
7. ALL SHEAR PLATES, WEB STIFFENERS, AND DOUBLE ANGLES SHALL BE MINIMUM 3/16" THICK.
8. BOLTS USED TO CONNECT BEAM TO BEAM GRAVITY LOADS SHALL BE DESIGNED FOR THREAD INCLUDED BEARING (TYPE N). BOLTS CONNECTING BEAMS TO COLUMNS, X-BRACING, OR OTHER SUP CRITICAL LOADS SHALL BE DESIGNED USING TYPE SC CONNECTION SERVICEABILITY LIMIT VALUES.
9. ALL WELDING IS TO BE DONE BY CERTIFIED WELDERS USING E70XX LOW HYDROGEN ELECTRODES (U.N.O.).
10. ALL WELDS SHALL BE IN CONFORMITY WITH THE PROJECT SPECIFICATIONS AND THE CODE FOR WELDING IN BUILDING CONSTRUCTION (AWS D1.1 LATEST REVISION) OF THE AMERICAN WELDING SOCIETY.
11. THE CONTRACTOR SHALL PROVIDE WELDING INSPECTION REPORTS FROM AN INDEPENDENT INSPECTION SERVICE FOR ALL FIELD WELDING INCLUDING BUT NOT LIMITED TO THE INSPECTION OF SURFACE PREPARATION, WELD QUALITY, AND FINISH. REFER TO THE "SPECIAL INSPECTION" NOTES DRAWING FOR WELDING INSPECTION REQUIREMENTS.
12. WELD LENGTHS CALLED FOR ON PLANS ARE THE NET EFFECTIVE LENGTH REQUIRED. WHERE FILLET WELD SYMBOL IS GIVEN WITHOUT INDICATION OF SIZE, USE MINIMUM SIZE WELDS AS SPECIFIED IN AISC MANUAL OF STEEL CONSTRUCTION, LATEST EDITION.
13. ALL STRUCTURAL STEEL SURFACES THAT ARE ENCASED IN CONCRETE, MASONRY, OR SPRAY ON FIREPROOFING, OR ARE ENCASED BY BUILDING FINISH, SHALL BE LEFT UNPAINTED.
14. PAINT STRUCTURAL STEEL WITH FABRICATOR'S STANDARD LIGHT GRAY RUST INHIBITIVE OXIDE PRIME PAINT UNLESS DIRECTED OTHERWISE BY ENGINEER.

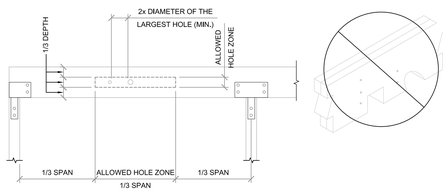
ROUGH CARPENTRY

1. DETAIL, FABRICATE, AND ERECT ALL STRUCTURAL LUMBER IN ACCORDANCE WITH NATIONAL DESIGN SPECIFICATION BY AMERICAN WOOD COUNCIL AND TIMBER CONSTRUCTION MANUAL BY BY AMERICAN INSTITUTE OF TIMBER CONSTRUCTION, LATEST EDITION
2. MATERIALS:
   S4S LUMBER (ALS PS 20)
   CONCEALED LOCATIONS
   SPECIES: DOUGLAS FIR, HEM FIR OR S-P-F
   GRADE: NO. 2 OR BETTER, 19% MC, KILN DRIED
   EXPOSED LOCATIONS
   SPECIES: DOUGLAS FIR OR AS SELECTED BY ARCHITECT
   GRADE: NO. 2 OR BETTER, 19% MC, KILN DRIED
   EXTERIOR PRESSURE TREATED
   SPECIES: SOUTHERN PINE
   GRADE: NO. 2 OR BETTER, 19% MC, KILN DRIED
   LAMINATED VENEER LUMBER (LVL) (ASTM D 5456)
   Fb = 2800 PSI Fv = 105 PSI E = 1,500,000 PSI
   SHEATHING - APA RATED FOR APPLICATION:
   EXTERIOR GRADE AT ROOFS
   EXPOSURE 1 FOR WALLS AND FLOORS
   PLYWOOD - APA VOLUNTARY STANDARD PS-1
   ORIENTATED STRAND BOARD - VOLUNTARY STANDARD PS-2
   TREATED LUMBER - TO BE FACTORY PRESSURE APPLIED AS FOLLOWS:
   EXTERIOR EXPOSURES GROUND CONTACT, AWPA UC3B OR UC4B
   FIRE RESISTANT: AWPA UCFA FOR INTERIOR AND UCFB FOR EXTERIOR. SEE ARCHITECTURAL DRAWINGS FOR FIRE TREATED LUMBER LOCATION
3. LUMBER SUPPLIER SHALL FURNISH ALL APPROPRIATE CONNECTIONS FOR ATTACHING LUMBER FRAMING AND ANCHORING TO ADJACENT CONSTRUCTION. CONNECTIONS SHALL BE MADE WITH STANDARD DESIGNS, FABRICATED FROM 16 OR 18 GA. SHEET METAL FOR SINGLE OR DOUBLE 2x LUMBER MEMBERS OR 7, 12 OR 14 GA. STEEL PLATE FOR MULTIPLE PLY, GLULAM OR LVL MEMBERS. AS AS MANUFACTURED BY CLEVE STL SPEC, U S P, SIMPSON STRONGTIE, OR EQUAL. DETAILS SHALL CONFORM TO ATC STANDARD NO. 104
4. PROVIDE SOLID BLOCKING OR 'X' BRIDGING FOR 2X FLOOR JOISTS AT MID-SPAN OR 6'-0" O.C. WHICHEVER IS LESS. BLOCKING OR BRIDGING IS NOT REQUIRED FOR 'I' JOISTS
5. BOLTS, NAILS, SPIKES, AND OTHER CONNECTORS SHALL BE APPROPRIATE FOR THE USE INTENDED. FASTENERS EXPOSED TO FIRE-TREATED LUMBER, CHEMICAL FUMES, WEATHER AND/OR HIGH HUMIDITY SHALL BE HOT DIPPED GALVANIZED. UNLESS INDICATED OTHERWISE ON DRAWINGS.
6. PROVIDE TEMPORARY BRACING UNTIL 50 % OF DRYWALL IS INSTALLED ON EACH SIDE OF WALL.
7. DESIGN, FABRICATE AND ERECT PRE-ENGINEERED WOOD TRUSSES IN ACCORDANCE WITH TRUSS PLATE INSTITUTE "DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES." SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. DRAWINGS ARE TO INCLUDE: DESIGN LOADS, REACTIONS, MEMBER SIZES, STRESSES, PLATE SIZES, DIMENSIONS, AND ERECTION DRAWINGS AS REQUIRED. TRUSS MANUFACTURER TO PROVIDE CERTIFIED DOCUMENTS INDICATING THE MANUFACTURER HAS A MINIMUM OF 5 YEARS EXPERIENCE IN DESIGNING AND PRODUCING TRUSSES FOR NON-RESIDENTIAL CONSTRUCTION. FAILURE TO SUBMIT THIS DOCUMENT WILL BE CAUSE FOR REJECTION



TYP. SHEATHING LAYOUT ROOF & FLR.

- ROOF SHEATHING SHALL BE WITH 8d COMMON NAILS
  PROVIDE 1/8" GAP BETWEEN SHEETS OF ROOF SHEATHING



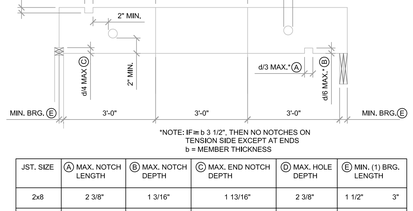
NOTES:

1. THE ALLOWED HOLE ZONE IS SUITABLE ONLY FOR UNIFORMLY LOADED BEAMS
2. RECTANGULAR HOLES ARE NOT ALLOWED
3. HOLES IN CANTILEVERS REQUIRE ADDITIONAL ANALYSIS
4. IF LARGER HOLES ARE REQUIRED, CONTACT STRUCTURAL ENGINEER OF RECORD FOR EVALUATION

DO NOT CUT, NOTCH OR DRILL HOLES IN MICROLAM LVL'S EXCEPT AS INDICATED IN TABLE BELOW AND ILLUSTRATION AT LEFT

BEAM DEPTH	MAX. ROUND HOLE SIZE
5 1/2"	1 3/4"Ø
7 1/4" TO 16"	2"Ø

ALLOWABLE HOLES IN LVL & PARALLAM BEAMS

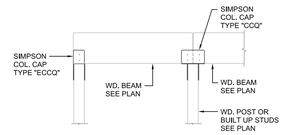


*NOTE: IF m b 3 1/2", THEN NO NOTCHES ON TENSION SIDE EXCEPT AT ENDS
b = MEMBER THICKNESS

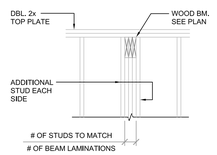
JST. SIZE	Ⓐ MAX. NOTCH LENGTH	Ⓑ MAX. NOTCH DEPTH	Ⓒ MAX. END NOTCH DEPTH	Ⓓ MAX. HOLE DEPTH	Ⓔ MIN. (1) BRG. LENGTH	
2x8	2 3/8"	1 3/16"	1 13/16"	2 3/8"	1 1/2"	3"
2x10	3 1/16"	1 1/2"	2 5/16"	3 1/16"	1 1/2"	3"
2x12	3 3/4"	1 7/8"	2 13/16"	3 3/4"	1 1/2"	3"

NOTE:
(1) MINIMUM BRG.: 1 1/2" ON WOOD OR STEEL, 3" ON MASONRY

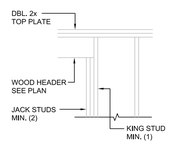
ALLOWABLE HOLES AND NOTCHES IN JOIST



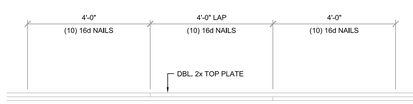
WOOD BM. TO WOOD POST CONNECTION



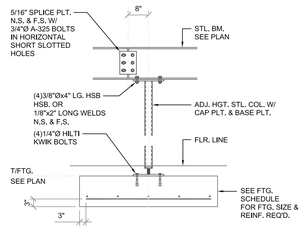
TYP. WOOD BM. SUPPORT DETAIL



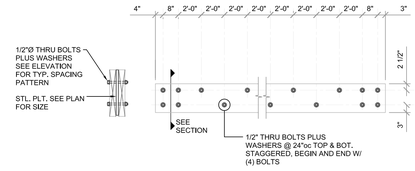
TYP. HEADER SUPPORT DETAIL



TYP. LAP SPLICE OF DBL. 2x TOP PLATES

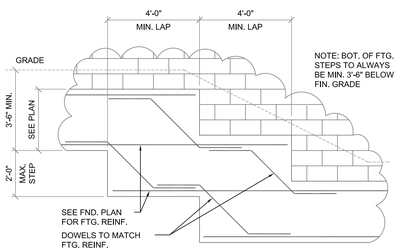


TYP. STL. BM. TO ADJUSTABLE STL. COL.



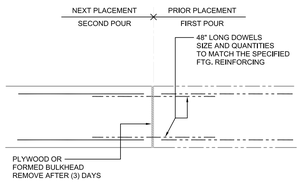
SECTION ELEVATION

TYP. FLITCH BEAM DETAIL

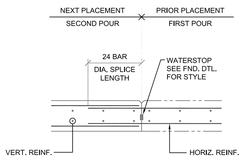


TYP. STEP FTG. DETAIL

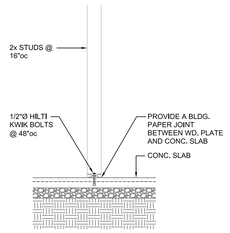
- USE AS REQ'D. G.C. TO COORD. WITH FINAL SITE GRADING PLAN ENGINEER OF RECORD IS NOT RESPONSIBLE FOR G.C. ERROR
- NOTED ON PLAN THUS S.F.



TYP. CONC. FND. CONST. JOINT



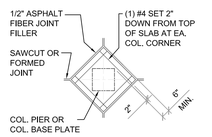
FOUNDATION WALL CONST. JOINT



TYP. WOOD WALL TO CONC. SLAB

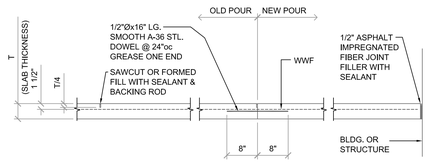
FASTENING SCHEDULE		
CONNECTION	FASTENING a, b	LOCATION
SOLE PLATE TO JST. OR BLOCKING	16d @ 16"oc 3" x 0.131" NAILS @ 8"oc	TYPICAL FACE NAILING
SOLE PLATE TO JST. OR BLOCKING AT BRACED WALL PANEL	(3)16d NAILS PER 16" 3" x 0.131" NAILS @ 16"oc	BRACED WALL PANELS
TOP PLATE TO STUD	(2)16d COMMON 3" x 0.131" NAILS	END NAIL
STUD TO SOLE PLATE	(4)8d COMMON 3" x 0.131" NAILS (2)16d COMMON 3" x 0.131" NAILS	TOE NAIL END NAIL
DOUBLE STUDS	16d NAILS @ 24"oc 3" x 0.131" NAILS @ 8"oc	TYPICAL FACE NAILING
DOUBLE TOP PLATES	16d NAILS @ 16"oc 3" x 0.131" NAILS @ 12"oc (8)16d COMMON (12) 3" x 0.131" NAILS	FACE NAIL LAP SPLICE
BLOCKING BETWEEN JST, OR RAFTERS TOP PLATE	(3)8d COMMON (3) 3" x 0.131" NAILS	TOE NAIL
RIM JST. TO TOP PLATE	8d @ 6"oc 3" x 0.131" NAILS @ 16"oc	TOE NAIL
TOP PLATES, LAPS AND INTERSECTIONS	(2)16d COMMON (3) 3" x 0.131" NAILS	FACE NAIL
RAFTERS TO PLATE SEE SECTION 2308.10.1 TABLE 2308.10.1	(3)8d COMMON (3) 3" x 0.131" NAILS	TOE NAIL
1" DIAGONAL BRACE TO EACH STUD AND PLATE	(2)8d COMMON (2) 3" x 0.131" NAILS	FACE NAIL
BUILT UP CORNER STUDS	16d COMMON 3" x 0.131" NAILS 3" x 14 GAGE STAPLES	24"oc 16"oc 16"oc
BUILT UP GIRDER AND BMS.	20d COMMON @ 32"oc 3" x 0.131" NAILS @ 24"oc (2)20d COMMON (3) 3" x 0.131" NAILS	FACE NAIL AT TOP & BOTTOM STAGGERED ON OPPOSITE SIDES
LEDGER STRIP	(3)16d COMMON (4) 3" x 0.131" NAILS	FACE NAIL

a. COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE NOTED
b. SEE SECTIONS FOR FASTENING NOTES NOT SHOWN IN THIS TABLE



COL. ISOLATION

COL. NOT SHOWN
SEE PLAN FOR SIZE & DIRECTION



CONTROL CONSTRUCTION ISOLATION

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JOSEPH MATAVA
0614145 | 12/31/23

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ISSUE	ID	DATE
BULLETIN #3	3	01/10/24

STRUCTURAL DETAILS

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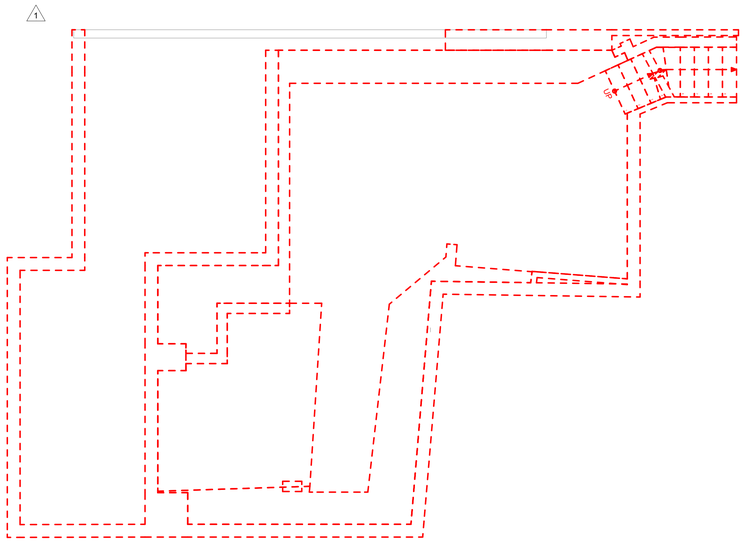
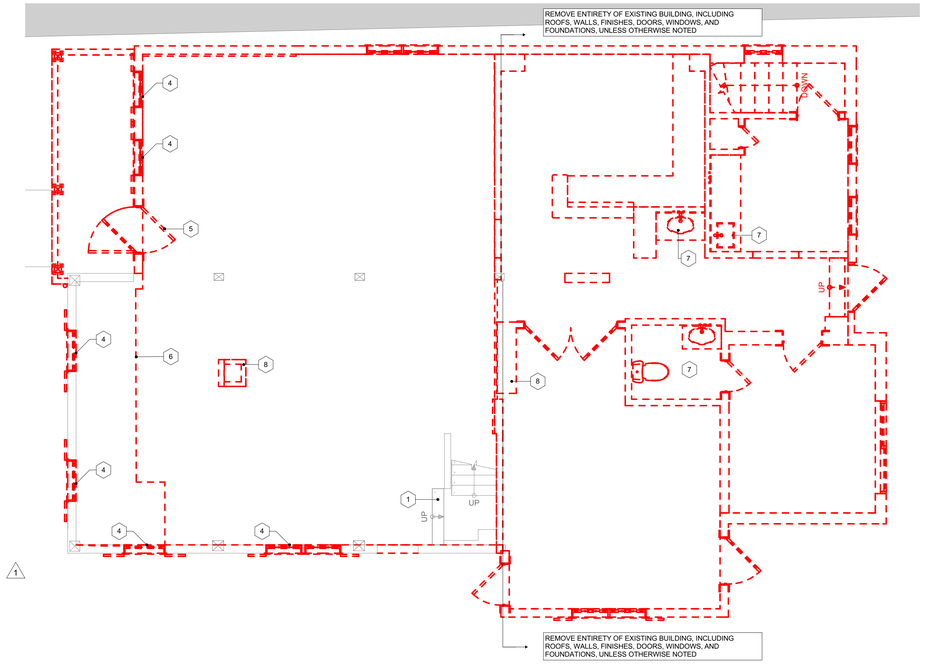


REMOVE ENTIRITY OF EXISTING BUILDING, INCLUDING ROOFS, WALLS, FINISHES, DOORS, WINDOWS, AND FOUNDATIONS, UNLESS OTHERWISE NOTED

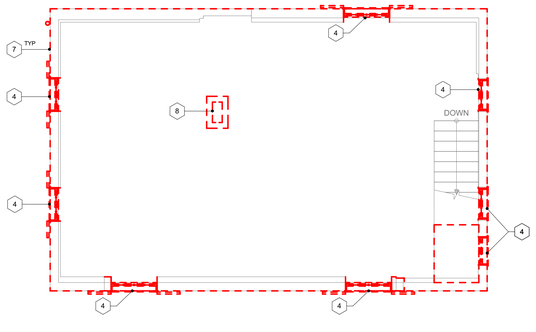
1 BASEMENT DEMOLITION FLOOR PLAN

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



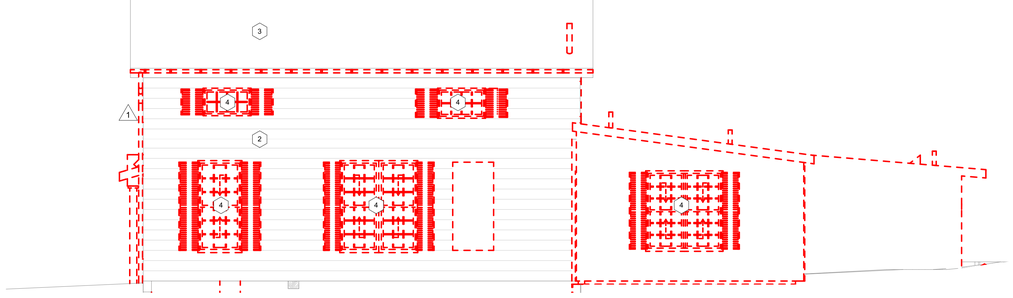
2 FIRST FLOOR DEMOLITION PLAN

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



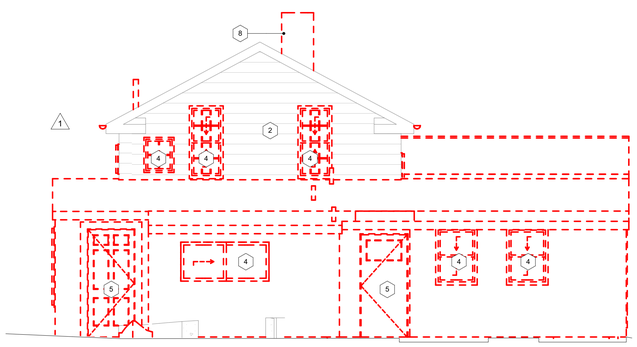
3 SECOND FLOOR DEMOLITION PLAN

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



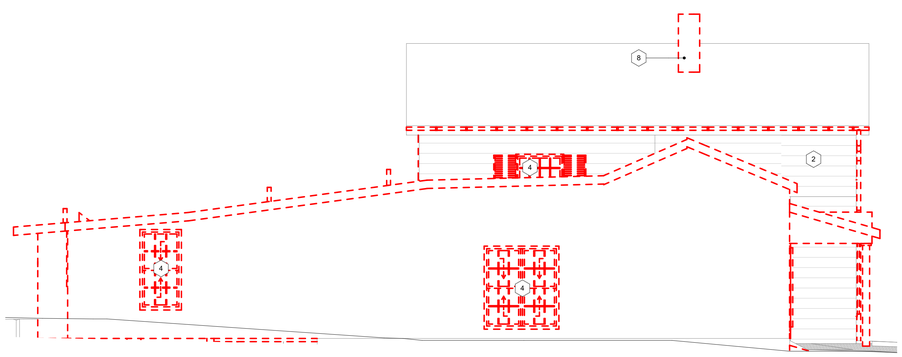
4 DEMOLITION - EXTERIOR ELEVATION - SOUTH (SIDE OF THE BUILDING)

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



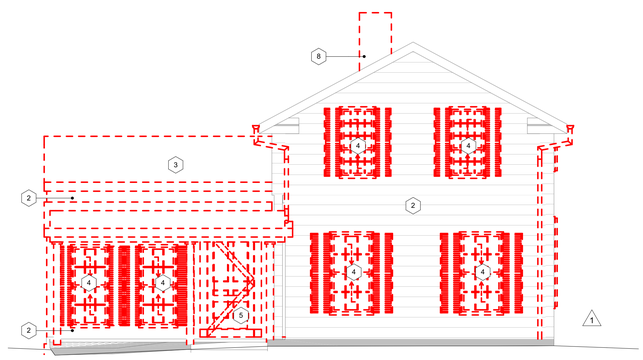
5 DEMOLITION - EXTERIOR ELEVATION - EAST (BACK OF THE BUILDING)

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



6 DEMOLITION - EXTERIOR ELEVATION - NORTH (SIDE OF THE BUILDING)

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



7 DEMOLITION - EXTERIOR ELEVATION - WEST (FRONT OF THE BUILDING)

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

DEMOLITION GENERAL NOTES

1. REMOVE ENTIRE WALL TO UNDERSIDE OF DECK UNLESS OTHERWISE NOTED.
2. IN DEMOLITION AREAS, REMOVE ALL MISCELLANEOUS ITEMS ON WALLS, UNLESS OTHERWISE NOTED.
3. FILL AND LEVEL ALL HOLES IN FLOORS AND WALLS AFTER REMOVAL OR ADDITION OF PIPES, DUCTS, CONDUITS, AND OTHER PENETRATING ITEMS. MAINTAIN REQUIERD FIRE RATING.
4. REMOVE CEILING WHERE NEW CEILINGS ARE INDICATED AND NOTED.
5. TAKE ALL NECESSARY PRECAUSIONS TO PREVENT DAMAGE TO ADJACENT AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE INCURRED.
6. ALL DEMOLITION ACTIVITIES SHALL BE COORDINATE WITH THE OWNER.
7. PATCH AND REPAIR ALL EXISTING ADJACENT INTERIOR FINISHES TO REMAIN AS UNDISTURBED BY THE DEMOLITION TO MATCH ADJACENT SURFACES.
8. ALL DEMOLITION ITEMS ARE TO REMAIN THE PROPERTY OF THE OWNER AT THEIR DISCRETION.
9. ALL STRUCTURAL MEMBERS ARE TO REMAIN AND BE PROTECTED UNLESS OTHERWISE NOTED.
10. NOTIFY ARCHITECT PRIOR TO DEMOLITION IF ITEM INDICATED TO BE REMOVED IS SUSPECT AS STRUCTURAL ELEMENT.
11. MAINTAIN BUILDING IN WEATHERTIGHT CONDITIONS AT ALL TIMES.
12. ITEMS TO BE REMOVED SHOWN DASHED, TYPICAL
13. WHERE WINDOWS AND DOORS ARE TO BE REMOVED, INFILL WALLS WITH FINISHES TO MATCH SURROUNDING AREAS
14. COORDINATE WITH FLOOR PLANS FOR NEW DOOR AND WINDOW OPENINGS
15. PROVIDE TEMPORARY SHORING FOR FLOOR AND ROOF FRAMING TO REMAIN
16. PERFORM PARTIAL WALL DEMOLITION IN ORDER TO ACCOMODATE NEW HEADERS, BEAMS, AND POSTS/ COLUMNS
17. REMOVE ALL EXISTING RECEPTACLES AND RELATED CONDUITS AND WIRING THAT ARE AFFECTED BY THE WALL DEMOLITION BACK THE ELECTRICAL PANEL, MAINTAIN CIRCUIT CONTINUITY.

DEMOLITION CODED NOTES

NOTE: ALL CODED NOTES MAY NOT OCCUR ON EVERY SHEET

1. EXISTING STAIR AND HANDRAIL TO REMAIN
2. EXISTING SIDING TO BE REMOVED
3. EXISTING ROOF TO BE REMOVED
4. EXISTING WINDOWS TO BE REMOVED
5. EXISTING DOOR TO BE REMOVED
6. REMOVE PORTION OF THE FLOOR FOR NEW INTERIOR STAIR
7. REMOVE EXISTING PLUMBING FIXTURES
8. REMOVE EXISTING CHIMNEY

DEMOLITION LEGEND

- EXISTING ELEMENTS TO REMAIN
- ELEMENTS TO BE DEMOLISHED
- 1 HATCH INDICATES FOR REFERENCE ONLY

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JOSEPH MATAVA
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REGISTERED ARCHITECT

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BID PACKAGE #1		08/23/23
BULLETIN #1	1	11/22/23

DEMOLITION PLANS AND ELEVATIONS

AD1.01

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UNA-CLAD™ Metal Roofing Systems

VERSATILE • SUSTAINABLE • BEAUTIFUL

Firestone
BUILDING PRODUCTS
NOBODY COVERS YOU BETTER.™

UNA-CLAD™ METAL ROOFING SYSTEMS

Since the introduction of UNA-CLAD Metal Roofing Systems more than 30 years ago, they have become one of the leading architectural metal roofing products in the construction industry. Firestone Building Products systems are recognized the world over for their outstanding construction and innovative design.

UNA-CLAD offers a variety of sustainable, reliable and environmentally-friendly roofing system options. UNA-CLAD allows for maximum design freedom with a wide range of materials, widths and finishes.

To further protect your investment, install the roofing system over our innovative new CLAD-GARD™ roofing underlayment. This easy-to-handle skid-resistant material is the ideal moisture barrier to protect your roofing investment from corrosion and other environmental concerns.

And once your roof is installed, the unparalleled Red Shield® Warranty assures that your roof will provide outstanding performance for decades to come.

Thank you for your interest in Firestone Building Products UNA-CLAD roofing systems. For detailed information about anything covered in this brochure, please contact your local Firestone Representative or visit www.firestonebpco.com.

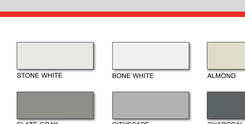
UNA-CLAD™ METAL ROOFING SYSTEMS OVERVIEW

RED SHIELD® WARRANTY SYSTEMS
Durable metal roofing systems that allow maximum versatility with the extra assurance of the Firestone Red Shield Warranty—the strongest protection available today.
• UC-3 • UC-4 • UC-6 • UC-14

ARCHITECTURAL SYSTEMS
Allow maximum design freedom to create roofs with distinct lines, radii and features while providing outstanding wind-load performance and aesthetics.
• UC-7

SOFFIT SYSTEMS
Superior versatility, security and weatherability in systems that allow great installation flexibility, including either vertical or horizontal applications.
• UC-500 • UC-501 • UC-750

PROFILED PANEL SYSTEMS
Strong, economical and low profile panels designed for a variety of Profiled Panel Systems, environments and applications.
• UR-PRO OMEGA • 5V-CRIMP
• HR-ULTRA OMEGA • UC-600
• VR-CLASSIC OMEGA • UC-601



ROOFING PANEL PROFILES

To help prevent distortion (called "oil-canning") that can occur on metal roofs, Firestone Building Products offers a variety of stiffening rib profile options. Striations, Flat Ribs and Pencil Ribs are subtly raised sections that run parallel to panel seams and add rigidity and visual interest. Not all profiles are available on all panels, please see each product description for details.

FIRESTONE RED SHIELD WARRANTY

When we say "Nobody Covers You Better" we mean it. Red Shield Warranties provide industry-leading coverages from 5 to 20 years for most roofing systems, and can even be transferred from owner to owner. No competitor can match our 100 year+ heritage of innovation and customer support. When you have a Firestone roof and Red Shield Warranty over your head, you can be confident of outstanding roofing performance for decades to come.*

* Subject to certain terms and conditions. 25 year warranty coverage may be available with the UC-4 system.

RED SHIELD™ WARRANTY SYSTEMS

RED SHIELD STANDING SEAM ROOFING SYSTEMS COMPRISE A SYSTEM OF INTERLOCKING METAL PANELS THAT GENERALLY RUN VERTICALLY FROM THE ROOF RIDGE TO THE EAVES. THE SEAM WHERE THE TWO PANELS JOIN TOGETHER IS RAISED ABOVE THE SURFACE OF THE PANEL, THEREBY GIVING THE PRODUCT ITS NAME.

THESE METAL ROOFS FREELY EXPAND AND CONTRACT WITH THE WEATHER WITHOUT DAMAGE TO THE SUBSTRATE, PROVIDE EXCEPTIONAL RAIN AND SNOW RUNOFF, PERFORM WELL IN HIGH-WIND ENVIRONMENTS, MINIMIZE OIL-CANNING AND PROVIDE GREAT DESIGN VERSATILITY.

FIRESTONE UNA-CLAD™ RED SHIELD SERIES

Building on proven standing seam technology, Firestone developed the **UNA-CLAD Red Shield Series** to provide designers, architects and building owners with a wide selection of beautiful, durable and functional metal roofs. The Red Shield Series is available in a variety of colors, materials, widths, textures, profiles and seam designs.

UNA-CLAD UC-3
This double-lock standing seam system uses mechanical sealing for a durable, virtually leak proof seal. UC-3 roofs create a traditional look, and allow specified radius profiles to enhance the architect's design.
Standard UC-3 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc.
Available with embossing, striations and ribs (flat and pencil) to minimize oil-canning.

UNA-CLAD UC-4
The patented seam design snap locks securely and fastens to a solid substrate without the use of clips. This provides superior leak resistance and can reduce labor by up to 30%.
Standard UC-4 materials are painted steel; painted and anodized aluminum and architectural grade sheet copper. Available with embossing, striations and ribs (flat and pencil) to minimize oil-canning.

5-20 Year Red Shield Warranty Protection

UNA-CLAD UC-6
The double-lock standing seam system utilizes proven Pittsburg Locking in conjunction with a floating concealed-clip assembly. This design allows for free expansion and contraction, and outstanding wind uplift resistance.
Standard UC-6 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc. Available with embossing, striations and ribs (flat and pencil) to minimize oil-canning.

UNA-CLAD UC-14
The concealed-clip snap-lock seam system eliminates the need for mechanical seaming or separate battens, accommodating very long panels while maintaining free expansion and contraction capability.
Standard UC-14 materials are painted steel; painted and anodized aluminum and architectural grade sheet copper. Available with embossing, striations and ribs (flat and pencil) to minimize oil-canning.

PROTECT YOUR INVESTMENT

ARCHITECTURAL METAL ROOFING

BATTENS ARE DISTINCTIVE ARCHITECTURAL FEATURES. PANEL SYSTEMS WITH BATTENS OR CAPS ALLOW FOR THE PANELS TO BE INSTALLED IN NON-SEQUENTIAL ORDER, THUS ACCOMMODATING COMPLEX ROOF DESIGNS. THESE PANELS CAN BE COUNTED ON TO ALLOW FREE EXPANSION AND CONTRACTION IN CHANGING WEATHER CONDITIONS, AS WELL AS PROVIDE EXCEPTIONAL RAIN/SNOW RUNOFF AND GOOD WIND UPLIFT PERFORMANCE.

THESE PANELS AND BATTENS ARE ROLL-FORMED AND PROCESSED WITH STATE-OF-THE-ART TECHNOLOGY TO ENSURE UNPARALLELED QUALITY AND SERVICE FROM COIL TO FINISHED PRODUCT.

METAL SOFFIT SYSTEMS

SOFFITS SERVE MANY PURPOSES IN COMMERCIAL ARCHITECTURE, INCLUDING WEATHER-SHELTERING OVERHANGS, BUILDING VENTILATION PORTS, CONVENIENT CONCEALMENT SECTIONS FOR HVAC OR ELECTRICAL SYSTEMS AND OTHER APPLICATIONS. THE RIGHT SOFFIT AND FASCIA TREATMENT CAN PROVIDE A FINISHED LOOK TO THE STRUCTURE, AS WELL AS AID WATER RUNOFF, BUILDING VENTILATION AND COOLING.

METAL SOFFIT SYSTEMS PROVIDE A STRONG, DURABLE AND RELIABLE MATERIAL THAT ENHANCES THE LONGEVITY OF THE SOFFIT AND CREATES AN AESTHETICALLY-PLEASING APPEARANCE.

PROFILED ME

FOR CENTURIES, LARGE STRUCTURES SUCH AS CATHEDRALS HAVE RELIED ON THE INHERENT DURABILITY OF METAL ROOFING. IN MODERN USAGE, CORRUGATED METAL ROOFING PANELS HAVE TWICE THE AVERAGE LIFESPAN OF ASPHALT ROOFING, AND PROVIDE EXCEPTIONAL RAIN AND SNOW SHEDDING ABILITIES.

DESIRABLE BECAUSE OF THEIR DESIGN VERSATILITY, LOW MAINTENANCE REQUIREMENTS AND HIGH STRENGTH-TO-WEIGHT RATIO, ARCHITECTS, DESIGNERS AND BUILDING OWNERS ARE TURNING TO METAL ROOFS FOR NEW CONSTRUCTION AND RENOVATION.

FIRESTONE UNA-CLAD™ ARCHITECTURAL SERIES

Firestone developed the **UNA-CLAD Architectural Series** to allow designers, architects and building owners to utilize the unique profile a batten roof delivers. In addition to their beautiful appearance, these metal roofing systems are reliable and durable. The Architectural Series is available in a variety of colors, batten widths, materials and panel widths.

UC-7 SNAP-ON ARCHITECTURAL SERIES
This concealed clip fastening system is capped with a narrow, low-profile snap-on batten that provides a thin-line appearance while providing the designer freedom to specify radius or high profile features. UC-7 delivers good thermal movement.
Standard UC-7 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc. Available in heavier gauges, narrower widths, embossing and ribs (flat and pencil) to minimize oil-canning.

FIRESTONE UNA-CLAD™ METAL SOFFIT SYSTEMS

Designers, architects and building owners can create a comprehensive, finished look to their buildings with Firestone **UNA-CLAD Metal Soffit Systems**. The wide selection of metal soffit and fascia products allows for an uninterrupted and consistent appearance. The Metal Soffit Systems are available in a variety of colors, materials, widths, textures, profiles and seam designs to visually integrate with Firestone metal roofing products.

UC-500 FLUSH PANEL
This interlocking, concealed fastening metal panel system is engineered for both soffit and fascia applications. UC-500 delivers a flat or flush look that provides a neat, finished appearance.
Standard UC-500 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc. Available in heavier gauges, narrower widths, embossing and pencil ribs to minimize oil-canning. Venting available for soffit applications.

UC-501 REVEAL FLUSH PANEL
Similar in characteristics to UC-500, the Reveal Flush Panel system creates a flat appearance with a bold channels (reveals) that provide visual interest to the soffit.
Standard UC-501 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc. Available in heavier gauges, narrower widths, embossing and pencil ribs to minimize oil-canning. Venting available for soffit applications.

UC-750 V-GROOVE SOFFIT PANEL
This interlocking architectural aluminum panel is engineered specifically for soffit applications. UC-750 utilizes a concealed fastening system with interlocking leg. Subtle V-grooves run the length of the panel providing a clean, traditional appearance.
Standard UC-750 material is painted and anodized aluminum. Full- or half-vent options available.

FIRESTONE UNA-CLAD™ PROFILED PANEL SERIES

To answer the need for a durable and economical metal roofing solution, Firestone created the **UNA-CLAD Profiled Panel Series**. Commercial-grade metal roof and wall panels provide a traditional metal panel appearance with bold recurring or successive ribs. Architects, designers and building owners can choose from a variety of materials and rib patterns to best accentuate their structure.

TAL ROOFING

OMEGA SERIES UR-PRO OMEGA, HR-ULTRA OMEGA, VR-CLASSIC OMEGA
The Omega Series is factory-formed corrugated metal roofing with exposed mechanical fasteners. Panels have overlapping seams with bold ribs for an appealing accent to any architectural design. Can be installed in non-sequential patterns. Each Omega Series product has identical physical characteristics but with a unique rib pattern to provide greater design versatility.
Standard Omega Series materials are painted steel; painted aluminum and architectural grade sheet copper.Omega Series panels are suitable for wall cladding.

5-V-CRIMP PROFILED PANELS
Like Omega Series panels, 5-V-Crimp panels are factory-formed corrugated metal roofing with exposed mechanical fasteners. Panels have overlapping seams with V-shaped ribs to add a unique "old world" styling to your roof profile.
Standard 5-V-Crimp materials are painted steel; painted aluminum and architectural grade sheet copper. 5-V-Crimp panels are suitable for wall cladding.

UC-600 & UC-601 CORRUGATED PANELS
Like Omega Series panels, UC-600 and UC-601 panels are factory-formed corrugated metal roofing with exposed mechanical fasteners. Panels have overlapping seams with gently undulating striations to give you the option of a softer roof profile.
Standard UC-600 materials are painted steel; painted aluminum; architectural grade sheet copper and zinc. Standard UC-601 materials are painted steel and zinc. UC-600/UC-601 panels are suitable for wall cladding.

CLAD-GARD™ ROOFING UNDERLAYMENT

CLAD-GARD Roofing Underlayment is easy to install and provides the ideal moisture barrier between the roof deck and the adjacent metal roofing system. It features a skid-resistant surface; is watertight around fasteners such as nails or other anchors; offers great high-temperature resistance; and is unaffected by water so it can be left exposed for up to 3 months before applying the metal roofing system.

CLAD-GARD SA Underlayment
Self-adhered underlayment for quick, simple installation.
– Premium non-reinforced product that minimizes wrinkling
– Available in a convenient 2-square roll 3' x 67' (.09 m x 20 m)
– Heavy-duty adhesive is protected by a split-release plastic liner, which is easily removed for quick installation and placement of the underlayment
– Two available formulations: CLAD-GARD SA-S (heat resistant up to 250°F [121°C]) and CLAD-GARD SA-N (heat resistant up to 230°F [110°C])

CLAD-GARD R Underlayment
Self-adhered underlayment at an economical price.
– Split-release backer for easy installation
– Comes unboxed which means less waste on the jobsite.
– Available in a 2-square roll (3' x 66.7') (.09 m x 20 m).
– Can be applied directly to Firestone HailGard® Composite, OSB and plywood substrates.
– Eligible for up to a 20-year Red Shield® Warranty

CLAD-GARD MA Underlayment
Mechanically-attached choice for reliable results.
– Available in 10-square rolls that are 4' (1.2 m) wide for more square feet per roll and fewer seams
– Lighter than roofing felt at only 31 lb (14 kg) per roll
– Lays flat and stays wrinkle-free, meaning fewer nails are needed to fasten compared to felt underlayment
– Heat resistant up to 230°F (110°C) without degradation of the material
– Heat resistant up to 230°F (110°C) without degradation of the material

A VALUABLE ADDITION TO A SUSTAINABLE BUILDING PROJECT.

COLOR SELECTION GUIDE

STONE WHITE	BONE WHITE	ALMOND	SANDSTONE
SLATE GRAY	CITYSCAPE	CHARCOAL GRAY	SIERRA TAN
MEDIUM BRONZE	DARK BRONZE	EXTRA DARK BRONZE	MATTE BLACK
BRANDYWINE	COLONIAL RED	TERRA COTTA	MANSARD BROWN
REGAL RED	AWARD BLUE	SKY BLUE	ELECTRIC BLUE
REGAL BLUE	TEAL	PATINA GREEN	DARK IVY
SHERWOOD GREEN	HARTFORD GREEN	HEMLOCK GREEN	TROPICAL PATINA
SILVER METALLIC	CLASSIC COPPER	CHAMPAGNE METALLIC	

Colors shown are as close to actual colors as allowed by the printing process. Your local sales rep can provide actual metal samples and answer questions about custom colors and other special requests.

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SPECIFICATIONS

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insite.
Building design. Streamlined.

DECEMBER 2019

JamesHardie

HardiePlank® Lap Siding

Submittal Form **01**

Submitted to:

Project Name:

Submitted by:

Date:

☐ HZ5® Product Zone ☐ HZ10® Product Zone

Product Width: 5-1/4in 6-1/4in 7-1/4in 8in 8-1/4in 9-1/4in 12in

Product Finish: Primed ColorPlus® Technology

Product Texture: Smooth Select Cedarmill® Colonial Roughsawn® Colonial Smooth® Rustic Cedar

HardiePlank® Lap Siding

Specification Sheet **01**

DIVISION: 07 00 00 THERMAL AND MOISTURE PROTECTION | **SECTION: 07 46 46 FIBRE CEMENT SIDING**

HARDIEPLANK® LAP SIDING

Manufacturer

James Hardie Building Products, Inc

The products are manufactured at the following locations, with quality control inspections by ICC-ES:

- Cleburne, Texas
- Plant City, Florida
- Reno, Nevada
- Waxahachie, Texas
- Peru, Illinois
- Pulaski, Virginia
- Tacoma, Washington
- Fontana, California

Compliance with the following codes

- 2012, 2009 and 2006 International Building Code® (IBC)
- 2012, 2009 and 2006 International Residential Code® (IRC)

Features

- Noncombustible
- Dimensionally Stable
- Resists damage from pests
- Weather Resistant-Engineered for Climate®
- Impact resistant
- Sustainable

Use

James Hardie fiber-cement lap siding is used as exterior wall covering. The product complies with IBC Section 1404.10 and IRC Section R703.10. The product may be used on exterior walls of buildings of Type I, II, III and IV construction (IBC)

Description

HardiePlank lap siding is a single-faced, cellulose fiber-reinforced cement (fiber-cement) product. HardiePlank lap siding complies with ASTM C1186, as Grade II, Type A; has a flame-spread index of 0 and a smoke-developed index of 5 when tested in accordance with ASTM E84; and is classified as noncombustible when tested in accordance with ASTM E136.

Available Sizes

Product	Width (in)	Length	Thickness (in)
HardiePlank lap siding*	5-1/4, 6-1/4, 7-1/4, 8, 9-1/4, 9-1/4, 12	12 feet	5/16

** HZ5: 9-1/4, 12 only available primed HZ10: 5-1/4, 9-1/4, 12 only available primed.*

Texture & Finish

HardiePlank lap siding comes in a variety of textures and finishes. The product is available in smooth or wood grain texture. Additional textures are available on a regional basis. Finish options are primed for field paint, or factory finished with ColorPlus® Technology. Color availability varies by region.

Engineered for Climate®

HardiePlank lap siding is engineered for performance to specific weather conditions by climate zones as identified by the following map.

The JH Insite Team James Hardie Building Products www.jhinsite.com

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SPECIFICATION SHEET 01 DECEMBER 2019

Performance Properties

	General Property	Test Method	Unit or Characteristic	Requirement	Result
PHYSICAL ATTRIBUTES	Dimensional Tolerances	ASTM C1185	Length	± 0.5% or ± 1/4 in	
			Width	± 0.5% or ± 1/4 in	
			Thickness	± 0.04 in	
			Squareness	Δ in diagonals ≤ 1/32 in/ft of sheet length. Opposite sheet sides shall not vary in length by more than 1/32 in/ft	Pass
			Edge Straightness	≤ 1/32 in/ft of length	
	Density, lb/ft³	ASTM C1185		As reported	83
	Water Absorption, % by mass	ASTM C1185		As reported	36
	Water Tightness	ASTM C1185	Physical Observations	No drop formation	Pass
	Flexural Strength	ASTM C1185	Wet conditioned, psi	>1015 psi	Pass
			Equilibrium conditioned, psi	>1450 psi	
THERMAL	Thermal Conductivity (BTU·in·ft⁻²·ft⁻¹F⁻¹)/inch	ASTM C177		As reported	2.07
	Actual Thermal Conductivity (K_d)				6.62
	Thermal Resistance Rv-1/K_d				0.48
	Actual Thermal Resistance (R)				0.15
DURABILITY	Warm Water Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Heat/Rain Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Freeze/Thaw Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
			Mass Loss, %	≤ 3.0%	
			Freeze/Thaw, % strength retention	≥ 80%	
	UV Accelerated Weathering Test	ASTM G23	Physical Observations	No cracking, checking, or crazing	Pass
FIRE CHARACTERISTICS	Surface Burning Characteristics	ASTM E84	Flame Spread Index (FSI)		0
			Smoke Developed Index (SDI)		≤ 5
			Fuel Contributed		0
			NFPA Class		A
			Uniform Building Code Class	As reported	1
			International Building Code® class		A
	Noncombustibility	ASTM E136	Noncombustible	Pass/fail	Pass
	Fire Resistance Rated Construction	ASTM E119	Fire Resistance Rating	1-hour	Note 1

Note 1: listed on Warnock Hersey and ESR 2290

Installation

Install HardiePlank lap siding in accordance with:

- HardiePlank lap siding installation instructions
- ICC-ES ESR 2290
- Requirements of authorities having jurisdiction

Warranty

HardiePlank lap siding: 30-year, Non-Prorated, Limited Warranty
ColorPlus Technology: 15-year Limited Finish Warranty

Sustainable Design Contribution

- Regionally sourced content- varies by project location
- Avoidance of certain chemicals or Red List Compliance

Detailed product information for LEED projects, or other state or regional sustainability programs is available through James Hardie Technical Services.

Storage and Handling

Store flat and keep dry and covered prior to installation.

Technical Services

Contact James Hardie Technical Services online at JamesHardie.com, or by phone at (800)426-4051

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JamesHardie

Additional Installation Information, Warranties, and Warning are available at JamesHardie.com

1 866 442 7343 | www.jameshardie.com

IMPORTANT! Failure to install and finish this product in accordance with applicable building codes and James Hardie written application instructions may affect system performance, violate local building codes, void the product-only warranty and lead to personal injury.

DESIGN ADVICE: Any information or assistance provided by James Hardie in relation to specific projects must be approved by the relevant specialists engaged for the project eg. builder, architect or engineer. James Hardie will not be responsible in connection with any such information or assistance.

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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

- **Historical details**
  Our most historically authentic line of wood windows and patio doors. Featuring through-stile construction, deliberate proportions and intricate profiles. Pella Reserve - Traditional products are the ideal choice for historical renovations and traditional building projects.
- **Authentic hardware**
  Complement your project with historically authentic spoon-lock window hardware. Our Antiek 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 putty profile, recreated 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, drafters and consultants can work to deliver custom window and door solutions for your project. Partner with Pella to achieve your unique vision without concessions.
- **Intentional innovation**
  Winner of the 2019 Most Innovative Window from Window and Door Magazine, the Integrated Rolscreen® 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 jobsite, 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[1]**
  Pella wood products offer energy efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states.
- **Testing beyond requirements**
  All 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[2]**
  Pella Reserve products are covered by the best limited lifetime warranty in the business for wood windows and patio doors.[2]

Available in these window and patio door styles:

Special shape windows also available.

**See back cover for disclosures.

Product Specifications

Window & Patio Door Styles	Min. Width	Min. Height	Max. Width	Max. Height	Performance Class & Grade	Performance Values — U-Factor	SHGC	STC	Frame / Install
Awning	13-⅜"	13-⅜"	57"	59"	LC40-CW50	0.25-0.29	0.18-0.47	27-35	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Awning	17"	17"	53"	29"	R45-CW50	0.28-0.32	0.18-0.47	27-30	Pocket Replacement
Casement	13-⅜"	13-⅜"	47"	108"	R35-CW50	0.25-0.29	0.18-0.47	31-34	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Casement	17"	17"	35"	73"	R35-CW50	0.28-0.33	0.18-0.47	27-30	Pocket Replacement
Fixed Casement	10"	10"	144"	144"	R35-CW50	0.25-0.29	0.18-0.47	27-35	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Fixed Casement	17"	17"	59"	73"	R45-CW50	0.28-0.33	0.18-0.47	27-30	Pocket Replacement
Double-Hung	14"	24-¼"	48"	96"	CW30-CW50	0.25-0.30	0.19-0.53	28-35	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Double-Hung	13-½"	23-¾"	48"	84"	CW40-CW50	0.25-0.31	0.19-0.53	26-30	Pocket Replacement
Monumental Hung	13-¾"	24"	72"	144"	LC25-CW50	0.25-0.30	0.17-0.47	29-34	
In-Swing Hinged Patio Door (Single)	18"	36"	48"	199-½"	LC40-LC55	0.25-0.29	0.14-0.40	31-35	
In-Swing Hinged Patio Door (Double)	36"	36"	96"	119-¼"	LC40-LC55	0.25-0.29	0.14-0.40	31-35	
Out-Swing Hinged Patio Door (Single)	18"	36"	48"	119-¼"	R50-LC70	0.25-0.30	0.14-0.39	30-36	
Out-Swing Hinged Patio Door (Double)	36"	36"	96"	119-¼"	R50-LC70	0.25-0.30	0.14-0.39	30-36	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Sliding Patio Door (O)	30-⅝"	74"	60-⅛"	119-¼"	LC40-LC70	0.29-0.32	0.15-0.42	–	
Sliding Patio Door (OX, XO)	59-⅛"	74"	119-⅛"	119-¼"	LC35-LC65	0.29-0.32	0.15-0.42	29-35	
Sliding Patio Door (OXO)	90"	74"	180"	119-¼"	LC30-LC45	0.29-0.32	0.15-0.42	–	
Sliding Patio Door (OXXO)	116-⅛"	74"	236-⅛"	119-¼"	LC25-LC40	0.29-0.32	0.15-0.42	–	
Multi-Slide Patio Door	40-⅛"	50-⅛"	701-⅞"	119-¼"	R15-LC25[1]	0.30 - 0.34	0.15 - 0.46	31	For more info visit PellaADM.com
Bifold Patio Door	31-⅛"	55-⅛"	312"	119-¼"	R15-LC25[1]	0.26-0.44	0.13-0.45	–	

Window sizes available in 1/8" increments
Special sizes available. For more information regarding performance, visit pella.com/performance. For more information regarding frame and installation types, visit PellaADM.com.

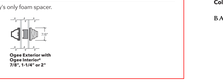
Grilles

Integral Light Technology®

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

Putty Glaze Exterior with Ogee Interior* 7/8", 1-1/4" or 2"

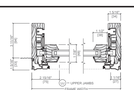
Putty Glaze Exterior with Ogee Interior* 7/8", 1-1/4" or 2"



Ogee Exterior with Ogee Interior* 7/8", 1-1/4" or 2"

Cross Sections

Cross Sections



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

Optional Fold-out Installation Fin

**See back cover for disclosures.

Window Hardware

Classic Collection

Get a timeless look with authentic styles in classic finishes.

Fold-away Crank Antiek

Spoon-Style Lock

Finishes:

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

Rustic Collection

Create a distinct and charming look with distressed finishes.

Fold-away Crank Antiek

Spoon-Style Lock

Finishes:

Distressed Bronze, Distressed Nickel

Essential Collection

Select from popular designs and finishes to suit every style.

Fold-away Crank

Cam-Action Lock

Finishes:

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

Patio Door Hardware

Classic Collection

BALDWIN

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

Hinged & Bifold Patio Door Handle Image

Sliding & Multi-Slide Patio Door Handle Ambrose

Multi-Slide Patio Door Handle**

Finishes:

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

Essential Collection

Elevate your style and transform a home with elegant selections.

Hinged & Bifold Patio Door Handle Standard

Sliding Patio Door Handle Standard

Multi-Slide Patio Door Handle**

Finishes:

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

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

**See back cover for disclosures.

Colors

Wood Types

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

Pine

Douglas Fir, Mahogany, White Oak, Red Oak, Cherry, Maple

Custom solutions:

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, Early American Stain, Provincial Stain, Dark Mahogany Stain, Red Mahogany Stain, Espresso Stain, Charcoal Stain, Black Stain

Extruded 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.[1]

Black, White, Brown, Fossil, Iron Ore, Portobello, Putty, Almond, Classic White, Brick Red, Hartford Green, Pearl Gray, Soft Linen, Satin Steel, Matte Gray, Wolf Gray, Spice Red, Sage, Frost Blue, Blue 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 post-installation drilling. Sensors can be monitored via the free Pella® Insynctive® App and are compatible with major security panel systems.[3] 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.[2]

* Some Pella products may not meet ENERGY STAR® guidelines in Canada. For more information, contact your local Pella sales representative or go to energystar.gc.ca.
** Based on comparing written limited warranties of leading national wood window and wood patio door brands. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty or contact Pella Customer Service.
*** Available on select products and configurations.
† Color matched to your product's interior and exterior color.
‡ Push-multi-slide handle is a Pella exclusive design.
‡‡ Requires the Insynctive App on a smart device, an Insynctive Bridge and a wireless home router with internet connection.
1 Pella ColorPlus® Technology
2 EnduraClad Plus protective finish is not available with all colors. See your local Pella sales representative for availability.
3 Requires the Insynctive App on a smart device, an Insynctive Bridge and a wireless home router with internet connection.

**See back cover for disclosures.

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JOSEPH MATAVA
0614145
REGISTERED ARCHITECT

JOSEPH MATAVA
0614145 | 12/31/23

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NORTH MAIN RETAIL

201 NORTH MAIN STREET, HUDSON, OHIO

N

PROJECT #: 2317

ISSUE	ID	DATE
BID PACKAGE #1		08/23/23

SPECIFICATIONS

A0.02

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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 rules please visit the website of the Western Red Cedar Lumber Association at www.wrcla.org.

REAL CEDAR

Clear Grades

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

Aye & Better (A&BTR) Permits more imperfections than Clear Heart. Grade is still restricted to pieces with excellent appearance. Pieces are of mixed grain (vertical and flat).

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 This siding grade is recommended when the distinctive charm of a saw textured face is desired. Grade allows limited characteristics that do not detract from serviceability.

B Clear (BEC) This siding grade permits slightly more numerous and larger growth characteristics. It is nevertheless highly serviceable and often yields short lengths of fine appearance from longer stock.

Knotty Grades

Select Knotty (SK) Knots and other natural features define the visual character of knotty grades. Select knotty grade knots are sound and tight.

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

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

YOUR SOURCE FOR EVERYTHING WESTERN RED CEDAR

Russin maintains an extensive inventory of high quality western Red Cedar products from many of the world's very best manufacturers. This catalog is a guide to the many different grades and sizes of Western Red Cedar products typically stocked and distributed throughout all of our sales territories.

Our commitment to Western Red Cedar is enhanced by our ability to add value for our customers by providing custom remanufacturing and machine-applied coating services. All work is completed promptly on-site at our state-of-the-art facilities.

Russin has distributed Western Red Cedar for over fifty years and is proud to be a certified distributor of the Western Red Cedar Lumber Association. Our purchasing expertise and outstanding supplier relationships enable us to meet many special requests. From architect specified items to special packaging and labels we work to find solutions for all project needs. **Please contact your sales associate for more information.**

RUSSIN

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 typed 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 and sizes typically available with a random length tally. All clear grades are graded on the smooth face with the exception of Rustic which is graded for saw textured use only.

Clear Vertical Grain (CVG) and Aye & Better (A&BTR)

- 1/2" x 4"
- 1/2" x 6"
- 1/2" x 8"
- 3/4" x 8"
- 3/4" x 10"
- 3/4" x 12"

Rustic

- 1/2" x 6"
- 1/2" x 8"
- 3/4" x 8"
- 3/4" x 10"

B Clear (BEC)

- 1/2" x 6"

Knotty Grades

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

Select Knotty (SK)

- 1/2C 4-6"
- 11/16" x 8"
- 3/4 x 10
- 15/16" x 10" Van Spec Skirl

Primed Clear Fingerjoint

Primed fingerjoint bevel siding by Russin is an ideal cost-effective alternative when a painted surface and long lengths are desired. Primed fingerjoint bevel siding provides building contractors and homeowners with the warmth, beauty and natural decay-resistance of real Western Red Cedar, plus the built-in protection of a superior quality primer. Depending upon the size, one or two coats of primer in Cape Cod Gray is machine-applied at our state-of-the-art facility.

Bevel siding is all 16' lengths with a maximum of 10% 1x4backs.

Available Grades/Sizes

Clear Vertical Grain (CVG) and Aye & Better (A&BTR)

- 1/2" x 6"
- 1/2" x 8"
- 3/4" x 8"
- 3/4" x 10"
- 3/4" x 12"

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, fascia, rake, soffits, skirts, 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

Knotty Grades

Knotty trim boards provide a more rustic or casual appearance and are available in a select knotty grade. Listed below are the sizes typically available. Knotty boards are graded on the textured face with a smooth back.

Select Knotty 10/15% Quality	
• 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 Fingerjoint

Fortress primed fingerjoint trim boards by Russin are an ideal cost-effective alternative when a painted surface and long lengths are desired. Fortress Trim provides building contractors and homeowners with the warmth, beauty and natural decay resistance of real Western Red Cedar plus the built-in protection of a superior quality primer. One coat of primer in Cape Cod Gray is machine-applied at our state-of-the-art facility.

Fortress Trim is available in 16' lengths with a maximum of 10% trimbacks.

Clear Vertical Grain Fingerjoint (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 BY RUSSIN

Western Red Cedar

CUSTOM FACTORY FINISHING

We're proud to be certified applicators of both Benjamin Moore and Sherwin Williams products. This means that they've visited our facilities 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 coatings facility. All work promptly completed on-site.

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

From Narrow to Wide and Thick to Thin...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.

Many Different Types of Coatings Are Available Depending Upon The Desired Effect. The Following Benjamin Moore and Cabot Machine-Applied Coatings Are Recommended for Western Red Cedar:

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

Benjamin Moore® Premium Alkyd Semi Transparent Deck & Siding Stain 328
- VOC compliant formula dries to a hard, matte finish within 24-48 hours
- A larger color selection that dries faster

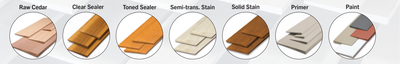
Benjamin Moore® Arborcoat Exterior Stain - Solid 6401
- Suitable for use on all types of wood and composite siding
- Superior UV protection
- Resists blistering, peeling, stains and scuffs
- Excellent touch-up and re-coat properties
- Mildew resistant

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

Australian Timber Oil
- Ideal for decking & siding
- Available in five colors
- Three-way oil protection for superior penetration

Wood Toned Deck and Siding Stain
- Translucent oil finish that protects and beautifies wood's natural appearance
- Available in five colors
- Water repellent, deep penetrating

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



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NORTH MAIN RETAIL
201 NORTH MAIN STREET, HUDSON, OHIO

N

PROJECT #: 2317

ISSUE	ID	DATE
BID PACKAGE #1		08/23/23

SPECIFICATIONS

A0.03

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TABLE 1. Shrinkage of Western Red Cedar

Direction of Shrinkage	Shrinkage in Percentage					
	From green (25% or greater moisture content) to:			From kiln dried (15% average moisture content) to:		
	15%	12%	6%	15%	12%	6%
Radial	0.96	1.2	1.8	0	0.3	1.0
Tangential	2.0	2.6	3.8	0	0.7	2.1

Notes:

1. Radial shrinkage applies to the width of vertical grain lumber; tangential to the width of flat grain lumber.
2. Shrinkage does not begin until the fiber saturation point is reached.
3. 15% is the average equilibrium moisture content of wood during the summer in the Pacific Northwest.
4. 12% is the average equilibrium moisture content in most areas of the US.
5. 6% is the average equilibrium moisture content for interiors of heated buildings.

TABLE 2. Base design values for use in the USA for Western Red Cedar. Visually graded (WCLIB, WWPA) 2–4 in. thick x 2 in. & wider.

Grade	Extreme Fiber Stress in bending Fb	Tension Parallel to Grain Ft	Compression Horizontal Shear Fv	Compression Perpendicular to Grain Fc	Compression Parallel to Grain Fc	Modulus of Elasticity (million psi) E
Select Structural No. 1/No. 2 No. 3	1,000 725/700 400	600 425/425 250	155 155 155	425 425 425	1,000 825/650 375	1.1 1.0/1.0 0.9
Construction Standard Utility	800 450 225	475 275 125	155 155 155	425 425 425	850 650 425	1.0 0.9 0.8
Stud	550	325	155	425	400	0.9

TABLE 3. Sizes of rough Western Red Cedar

Thickness (in.)	1	1-3/4	2	3	4	6	8	10	12	14
Width (in.)	2	4	6	8	10	12	14			

TABLE 4. Comparative Softwood Densities (pcf)

Species	Oven-Dry Density
Western Red Cedar	21
Douglas Fir	31
Ponderosa Pine	27
Southern Pine	34

TABLE 5. Size differential between unseasoned & dry lumber

Nominal Dimension (in.)	Size Differential Between Unseasoned and Dry Lumber After Surfacing (in.)
1–1/2 or less	1/32
2 to 4	1/16
5 to 7	1/8
8 or more	¼

TABLE 6. Wet Use Factors (CM) for tabulated design values

The recommended design values are for applications where the moisture content of the wood does not exceed 19%. For use conditions where the moisture content of dimension lumber will exceed 19%, the Wet Use Adjustment Factors below are recommended.

	Property	Adjustment Factor
Fb	Extreme Fiber Stress in Bending	0.85*
Ft	Tension Parallel to Grain	1.0
Fc	Compression Parallel to Grain	0.8**
Fv	Horizontal Shear	0.97
Fc	Compression Perpendicular to Grain	0.67
E	Modulus of Elasticity	0.9

** Bending Wet Use Factor = 1.0 where Fb x CF (Base Value x Size Factor) does not exceed 1,150 psi.*

*** Compression Parallel Wet Use Factor = 1.0 where Fc x CF (Base Value x Size Factor does not exceed 750 psi.*

Ijsselstein Train Station, Netherlands

Architect:
Hans Goverde - Kraaijvanger Urbis

Selected for its beauty, performance and sustainability, Western Red Cedar is featured as cladding on this high profile commercial project in the Netherlands. It beautifully complements the modern design and offers a warm contrast to the "coolness" of the glass, steel and concrete. ✦

TABLE 7. Western Red Cedar Products

Product	Thickness in. (nominal)	Width in. (nominal)	Grade	Grading Rule Paragraph NLGA	WWPA	WCLIB
Bevel Siding Clear	1/2, 3/4	4, 6, 8, 10	Clear V.G. Heart A Rustic B C Proprietary	201a 201b 201d 201c 201e N/A	21.11 21.12 N/A N/A 21.13 21.14 N/A	106-aa 106-a N/A N/A 106-b 106-c N/A
Knotty	5/8, 11/16, 3/4, 7/8	6, 8, 10, 12	Select Knotty Quality Knotty Proprietary	205a N/A N/A	N/A N/A N/A	111-e 111-f N/A
Knotty-Rabbetted	3/4, 5/4	6, 8, 10	Select Knotty Quality Knotty	205a N/A	N/A N/A	111-e 111-f
Knotty-Wavy Edged	7/8	10, 12	Select Knotty Quality Knotty	205a N/A	N/A N/A	111-e 111-f
Pattern Siding Clear	1	4, 6, 8	Clear Heart A B	200a 200b 200c	20.11 20.12 20.13	102-b 102-c 102-d
Knotty	1	4, 6, 8	Select Knotty Quality Knotty Standard and Better Proprietary	204a 204b 3 114-a, b, c N/A	N/A N/A N/A N/A	111-e 111-f 118-a, b, c N/A
Clear Finish	1, 5/4, 2	2, 3, 4, 6, 8, 10, 12	Clear Heart A B	200a 200b 200c	20.11 20.12 20.13	102-b 102-c 102-d
Boards	1	2, 3, 4, 6, 8 10, 12	Select Knotty Quality Knotty Standard and Better	204a 204b 114-a, b, c	N/A N/A 30.50 (118-a, b, c)	111-e 111-f 118-a, b, c
Fence Boards	1	6, 8, 10	Select Knotty Quality Knotty Rustic	210a N/A N/A	N/A N/A N/A	117-a 117-b 117-c
Roof Decking	2, 3, 4	6, 8	Select Commercial	127b 127c	55.11 55.12	127-b 127-c
Outdoor Decking Clear	5/4, 2	4, 6	Architect Clear Architect Knotty	N/A N/A	N/A N/A	N/A N/A
Knotty	5/4, 2	4, 6	Architect Knotty Custom Knotty	N/A N/A	N/A N/A	N/A N/A
Paneling Clear	1	4, 6, 8	Clear Heart A B	200a 200b 200c	20.11 20.12 20.13	102-b 102-c 102-d
Paneling Knotty	1	4, 6, 8	Select Knotty Quality Knotty	204a N/A	N/A N/A	111-e 111-f
Joists & Planks	2, 3, 4 2, 3, 4	2, 3, 4 6, 8, 10, 12	Appearance Standard and Better Appearance No. 2 and Better	N/A 123-b, c N/A 124-a, b, c	N/A 40.11, 40.12 N/A 62.10, 62.11, 62.12	N/A 123-b, c N/A 123-a, b, c
Timbers	5, 6, 8, 10, 12	5, 6, 8, 10 12 and wider	Appearance Standard and Better	N/A 131-a, b, c	N/A 80.10, 80.11, 80.12	N/A 131-a, b, c
Beams & Stringers	5, 6, 8, 10, 12	5, 6, 8, 10, 12	No. 2 and Better Width more than 2" greater than thickness	130-a, b, cc	70.10, 70.11, 70.12	130-a, b, cc

TABLE 8. Flat Use Factors (Cfu)

The recommended design values are for applications where the moisture content of the wood does not exceed 19%. For use conditions where the moisture content of dimension lumber will exceed 19%, the Wet Use Adjustment Factors below are recommended.

Nominal Width (in.)	Nominal Thickness (in.)		
	Less than 4	Less than 4	4
Less than 4	1.00	1.10	1.00
4	1.10	1.10	1.05
5	1.10	1.15	1.05
6	1.15	1.15	1.05
8	1.15	1.15	1.05
10 & wider	1.20		1.10

Note:

These factors apply to all dimension lumber except tongue and groove decking grades. For T&G decking, the following adjustments may be used.

TABLE 9. Repetitive Member Factor (Cr)

Applies to Tabulated Design Values for Extreme Fiber Stress in Bending when members are used as joists, truss chords, rafters, studs, planks, decking or similar members which are in contact or spaced not more than 24_ on centers, are not less than 3 in number and are joined by floor, roof or other load distributing elements adequate to support the design load.

1.5

Lake Washington Residence, USA

Architect:
The Miller Hull Partnership

This 4000 sf residence and carport is located on a steep wooded site on Lake Washington. Entered from above via a bridge, this residence transitions between a steep forest and open sweeping views of Lake Washington. The architect left the flora intact, where possible, and site the two volumes among mature cedars, firs, maples and ferns. The structure is clad in clear Western Red Cedar which carries through to the interior ceiling. Edges are trimmed in contrasting aluminum. ✦

TABLE 10. Coverage of Western Red Cedar Siding

To obtain the coverage of a specified width of siding from Table 7, perform the following calculations:

1. Calculate total wall area (length x height).
2. Subtract square footage of openings (windows, doors) to determine wall area for siding.
3. Add 10% for trim loss.
4. Multiply figure by the appropriate factor from the table for linear or board feet.

Example:

1.	Length x height	= 160 square feet	3. Add 10% for trim loss = 120 + 12 = 132 square feet
2.	Door	= 20 square feet	4. Assuming 6 in. siding
	Window	= 20 square feet	132 x 2.67 = 357.4 linear feet
	Area for siding	= 120 square feet	132 x 1.33 = 175.6 board feet

Siding Type	Nominal Width (in.)	Dressed Width (in.)	Exposed Face Width (in.)	Linear Feet Factor	Board Feet Factor
Bevel Siding1	4 6 8 10 12	3-1/2 5-1/2 7-1/2 9-1/2 11-1/2	2-1/2 4-1/2 6-1/2 8-1/2 10-1/2	4.80 2.67 1.85 1.41 1.14	1.60 1.33 1.23 1.18 1.14
Tongue and Groove Siding	4 6 8	3-3/8 5-3/8 7-1/8	3 5 6-3/4	4.00 2.40 1.77	1.33 1.20 1.19
Channel Siding	6 8 10	5-1/2 7-3/8 9-3/8	4-3/4 6-5/8 8-5/8	2.53 1.81 1.39	1.27 1.21 1.16
Board-and-Batten Siding	2 4 6 8 10 12	1-9/16 3-9/16 5-9/16 7-3/8 9-3/8 11-3/8	varies with width of board	see footnote 2	

TABLE 11. Design values for use in the USA for visu ally graded (WCLIB, WWPA). Western Red Cedar timbers (5 x 5 and larger)

Size Grade	Classification	Design values in pounds per square inch (psi) Extreme Fiber Stress in Bending Fb	Tension Parallel to Grain Ft	Shear Parallel to Grain Fv	Compression Perpendicular to Grain Fc	Compression Parallel to Grain Fc	Modulus of Elasticity E
Select Structural No. 1 No. 2	Beams and Stringers	1,150 975 625	675 475 325	140 140 140	425 425 425	875 725 475	1,000,000 1,000,000 800,000
Select Structural No. 1 No. 2	Posts and Timber	1,100 875 550	725 600 390	140 140 140	425 425 425	925 800 550	1,000,000 1,000,000 800,000

TABLE 12. Duration of Load Adjustment (CD) for tabulated design values

Load Duration	Factor
Permanent	0.9
Ten Years (Normal Load)	1.0
Two Months (Snow Load)	1.15
Seven Days	1.25
Ten Minutes (Wind, Earthquake)	1.6
Impact	2.0

Confirm load requirements with local codes. Refer to Model Building Codes or the National Design Specification for high temperature or fire-retardant treated adjustment factors.

TABLE 13. Adjustments for compression perpendicular to grain to deformation basis of 0.02

Design values for compression perpendicular to grain are established in accordance with the procedures set forth in ASTM D 2555 and D 245. ASTM procedures consider deformation under bearing loads as a serviceability limit state comparable to bending deflection because bearing loads rarely cause structural failures. Therefore, ASTM procedures for determining compression perpendicular to grain values are based on a deformation of 0.04_ and are considered adequate for most classes of structures. Where more stringent measures need be taken in design, the following formula permits the designer to adjust design values to a more conservative deformation basis of 0.02_.

Y02 = 0.73Y04 + 5.60

The Mint, Australia

Architect:
Francis-Jones Morehen Thorp

Western Red Cedar was chosen for the new head office of the historic houses trust of New South Wales, Australia for its appearance, durability and color. It simultaneously compliments and contrasts the sandstone of the existing building. Cedar was used for interior and exterior cladding and to form the dynamic louvred screen. ✦

TABLE 14. Sizes of Dressed Western Red Cedar Lumber

Item	Thickness (in.) Nominal	Thickness (in.) Actual Dry	Thickness (in.) Actual Green	Width (in.) Actual Nominal	Width (in.) Actual Dry	Width (in.) Actual Green
Boards	1 1-1/4	11/16 1	3/4 1-1/32	2 3 4 6 8 10 12	1-1/2 2-1/2 3-1/2 5-1/2 7-1/4 9-1/4 11-1/4	1-9/16 2-9/16 3-9/16 5-9/16 7-3/8 9-3/8 11-3/8
Garden Lumber	2 3 4	1-1/2 2-1/2 3-1/2	1-9/16 2-9/16 3-9/16	2 3 4 6 8 10 12	1-1/2 2-1/2 3-1/2 5-1/2 7-1/4 9-1/4 11-1/4	1-9/16 2-9/16 3-9/16 5-9/16 7-3/8 9-3/8 11-3/8
Timbers*	5 6 8		4-1/2 5-1/2 7-1/2	5 6 8		4-1/2 5-1/2 7-1/2

TABLE 15. Size Factors (CF) for tabulated design values

Grades	Nominal Width (depth) (in.)	Fb less than 4 in. thick	Fb 4 in. thick nominal	Ft	Fc	Other Properties
Select Structural No. 1 No. 2 & No. 3 14 & wider	4 & less 5 6 8 10 12 0.9	1.5 1.4 1.3 1.2 1.1 1.0 1.0	1.5 1.4 1.3 1.3 1.2 1.1	1.5 1.4 1.3 1.2 1.1 1.0 0.9	1.15 1.1 1.1 1.05 1.0 1.0 0.9	1.0 1.0 1.0 1.0 1.0 1.0 1.0
Construction & Standard	4 & less	1.0	1.0	1.0	1.0	1.0
Utility	4	1.0	1.0	1.0	1.0	1.0
Stud*	4 & less 5 & 6	1.1 1.0	1.1 1.0	1.1 1.0	1.05 1.0	1.0 1.0
MSR and plank Decking All grades & sizes	1.0	1.0		1.0	1.0	1.0

TABLE 16. Horizontal Shear Adjustment for tabulated design values (CH)

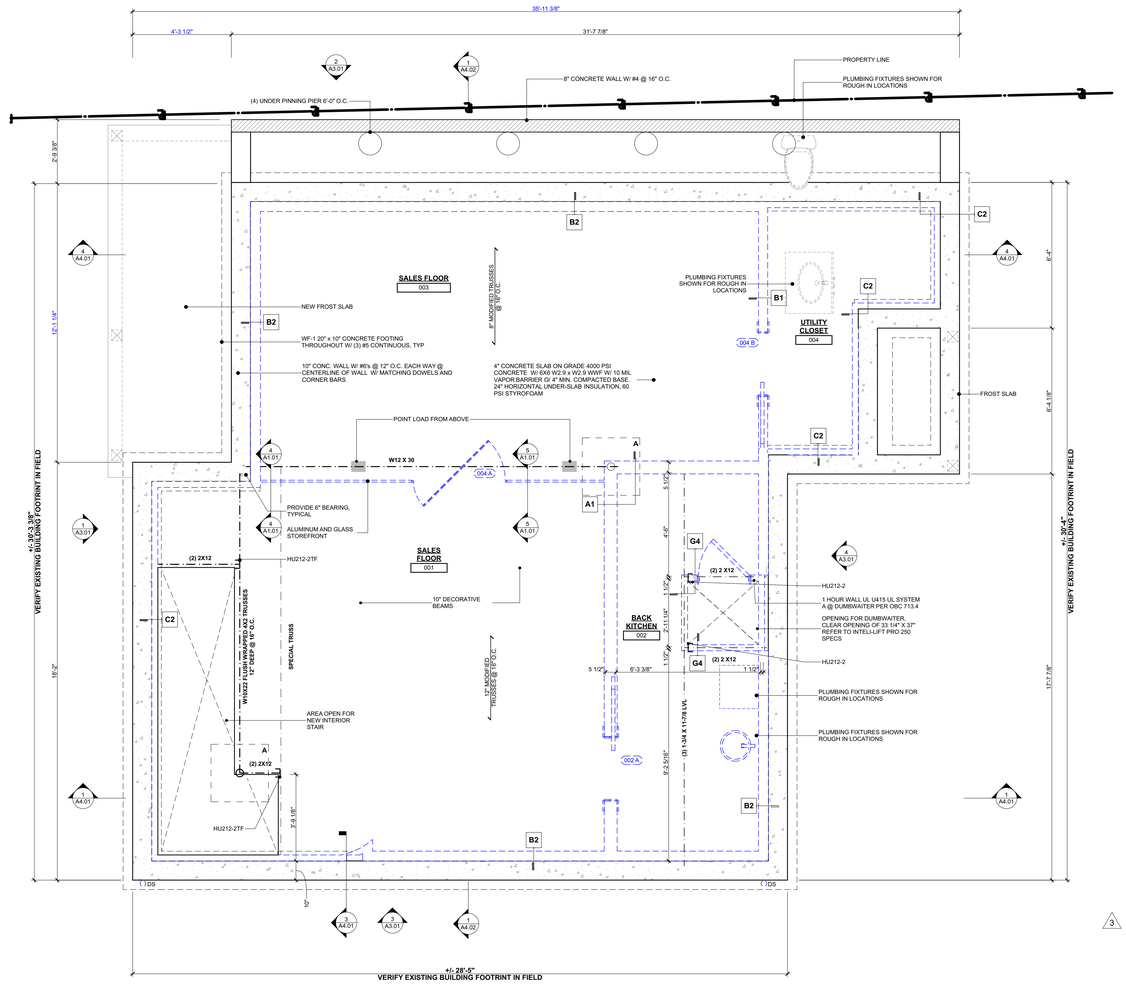
All horizontal shear base values are established as if a piece were split full length and as such the values are reduced from those permitted to be assigned in accordance with ASTM standards. This reduction is made to compensate for any degree of shake, check or split that might develop in a piece.

2 in. Thick (Nom.) Lumber		3 in. and Thicker (Nom.) Lumber	
For convenience, the table below may be used to determine horizontal shear values for any grade of 2" thick lumber in any species when the length of split or check is known:		Horizontal shear values for 3_ and thicker lumber also are established as if a piece were split full length. When specific lengths of splits are known and any increase in them is not anticipated, the following adjustments may be applied:	
When length of split on wide face does not exceed:	Multiply tabulated Fv value by:	When length of split on wide face does not exceed:	Multiply tabulated Fv value by:
No split 1/2 x wide face 3/4 x wide face 1 x wide face 1-1/2 x wide face or more	2.00 1.67 1.50 1.33 1.00	No split 1/2 x narrow face 1 x narrow face 1-1/2 x narrow face or more	2.00 1.67 1.33 1.00

Yale Sculpture Gallery

Architect:
KieranTimberlake

The Yale Sculpture Gallery sits at the end of a row of two-story 19th century houses. Scaled to fit this streetscape, the gallery is a taut wood box with side walls that subtly bow out. The warm Western Red Cedar cladding contrasts with the glass walls of the adjacent studio building and the cement cladding of the parking structure. The entrance is set within a recessed glass enclosure along the north end of the gallery, where an open screen of spaced cedar slats is suspended veil-like from the roof plane. The gallery's exterior wall is a ventilated wood rain screen. Strips of glass at open corners and the clerestory admit daylight. The cedar cladding pulls back at the corners to reveal narrow slit windows, while bands of horizontal metal wrap the walls at intervals, forming a visual strapping to hold the wall planes together. ✦



+/- 28'-9"
VERIFY EXISTING BUILDING FOOTRINT IN FIELD

1 FOUNDATION PLAN

SCALE: 3/8" = 1'-0"

ITEMS SHOWN IN BLUE DASHED LINES ARE FOR REFERENCE ONLY AND NOT TO BE REVIEWED BY PLANS EXAMINER AT THIS TIME.

DOOR SCHEDULE

ID	ROOM NAME	DOOR		OPERATION	DOOR PANEL		FRAME		HARDWARE	REMARKS
		WIDTH	HEIGHT		TYPE	MATERIAL	TYPE	MATERIAL		
002 A	SALES FLOOR	2'-8"	6'-8"	POCKET	D1	SC WOOD	F1	WD	---	
004 A	PROJECT AREA	4'-0"	6'-8"	PIVOT	D3	ALUM / GLASS	F1	HM	---	
004 B	SALES FLOOR	2'-8"	6'-8"	POCKET	D1	SC WOOD	F1	WD	---	
101 A	SALES FLOOR	3'-0"	6'-8"	SWING	D1	SC WOOD	F1	HM	DH-1	
101 B	SALES FLOOR	3'-0"	6'-8"	SWING	D2	ALUM / GLASS	F1	HM	DH-1	
101 C	PROJECT AREA	3'-0"	6'-8"	SWING	D1	SC WOOD	F1	WD	---	
102 A	ACCESSIBLE RESTROOM	3'-0"	6'-8"	SWING	D1	SC WOOD	F1	WD	---	
201 A	OFFICE	3'-0"	6'-0"	SWING	D1	SC WOOD	F1	WD	---	

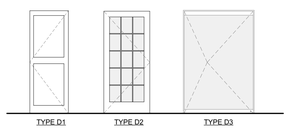
COLUMN & FOOTING SCHEDULE

MARK	COLUMN	LENGTH	WIDTH	DEPTH	REINFORCEMENT
WF-1	-	-	20"	10"	(3) #5 CONT.
A	4" X 11 GA.	2'-6"	2'-6"	12"	-

DOOR HARDWARE NOTES

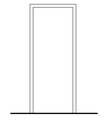
DH-1 ALL PASSAGE SETS, PRIVACY SETS AND LOCKSETS SHALL BE ANSI/BHMA GRADE 1 COMMERCIAL WITH ADA COMPLIANT LEVER HARDWARE. ALL LOCKSETS SHALL BE THE PRODUCTS OF A SINGLE MANUFACTURER. ALL DOOR LOCKS SHALL ALLOW EGRESS WITHOUT THE USE OF A KEY AND BY MEANS OF A SINGLE OPERATION.

DOOR PANEL TYPE



TYPE D1 TYPE D2 TYPE D3

DOOR FRAME TYPE



TYPE F1

FLOOR PLAN GENERAL NOTES

1. ALL INTERIOR WALLS SHALL BE 2x6 WOOD STUDS WITH (1) LAYER 5/8" GYPSUM BOARD ON BOTH SIDES UNLESS NOTED OTHERWISE. REFER TO G1.01 FOR TERMINATION DETAILS AND FLOOR TO FLOOR HEIGHTS, TYPICAL.
2. CIVIL GROUND FLOOR FINISH ELEVATION = **1073.60'**, ARCHITECTURAL GROUND FLOOR FINISH ELEVATION = 0'-0".
3. VERIFY DIMENSIONS AND CONDITIONS IN FIELD. WHEN DIMENSIONS AND/OR CONDITIONS AS INDICATED ON DRAWINGS CONFLICT WITH ACTUAL, CONTACT ARCHITECT FOR CLARIFICATION.
4. TYPICAL MOUNTING HEIGHTS & LOCATIONS OF FIXTURES, ACCESSORIES AND SELECT EQUIPMENT ARE SHOWN ON SHEET G1.01.
5. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING, DEMOLITION, AND NEW CONSTRUCTION.
6. ALL WOOD BLOCKING AND BACKER BOARDS ARE TO BE FIRE RETARDANT TREATED TYPE.
7. PROVIDE DOUBLE TOP TRACK DEFLECTION JOINT AT ALL WALLS WHICH EXTEND TO UNDERSIDE OF ROOF DECK ABOVE.
8. COORDINATE LOCATION OF EQUIPMENT AND PENETRATIONS WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
9. SEE EXTERIOR ELEVATIONS FOR IDENTIFICATION OF WINDOW TYPES AND SIZES.
10. HINGE SIDE OF DOOR JAMB LOCATED IN METAL STUD WALLS TO BE 4" FROM ADJACENT PERPENDICULAR WALLS, UNO.
11. ALL DOORS ARE DIMENSIONED TO THE CENTER LINE OF THE ROUGH OPENING.
12. VERIFY LOCATIONS OF FIRE EXTINGUISHERS WITH LOCAL FIRE DEPARTMENT OFFICIAL AND ARCHITECT PRIOR TO PLACEMENT. ALL EXTINGUISHERS TO BE RECESSED CABINET MOUNTED TYPE, UNO.
13. PROVIDE BLOCKING BEHIND ALL A/V EQUIPMENT, WALL SPEAKERS, CEILING MOUNTED PROJECTORS, HANDRAILS, ACCESSORIES, ETC. CONTRACTOR RESPONSIBLE FOR MISC STEEL, UNISTRUT, FRT WOOD BLOCKING, STRAPPING ETC AS REQUIRED TO FULLY SUPPORT EQUIPMENT AND ACCESSORIES AS INDICATED IN DOCUMENTS.
14. MOISTURE RESISTANT GYP BD TO BE USED ON WALLS AND CEILINGS OF ALL RESTROOMS AND KITCHENS.
15. PROVIDE LEVEL SURFACES AND PREP FLOOR TO RECEIVE SCHEDULED FINISH

FLOOR PLAN CODED NOTES

NOTE: ALL CODED NOTES MAY NOT OCCUR ON EVERY SHEET

1. 4'-0" x 8'-0" OPEN TABLE FOR SAMPLING & SALES
2. WALL MOUNTED TV
3. LF DISPLAY CABINET
4. TALL CABINETS
5. DUMBWAITER THAT TRAVELS FROM THE BASEMENT TO FIRST FLOOR WITH UL415 SYSTEM A (1HR) SHAFT WALLS, BASIS OF DESIGN: INTELI-LIFT PRO 250 28x28x28 SAME SIDE WITH BI-PARTING GATE & SWING DOORS
6. NEW STAIR TO BASEMENT WITH CUSTOM DISPLAY MILLWORK
7. CONCEALED DOOR
8. EXISTING PILASTER TO BE FURRED OUT
9. DISHWASHER
10. LF DISPLAY CABINET SUSPENDED

INTERIOR STUD WALL SYMBOL KEY

A1

GYP. BOARD CONFIGURATION

1 - GYP. BOARD FULL HEIGHT,BOTH SIDES
2 - GYP. BOARD FULL HEIGHT,ONE SIDE
3 - GYP. BOARD TO 6" ABOVE FINISH CEILING, BOTH SIDES, NON-RATED
4 - 1" GYP BOARD TYPE SLX ON ONE SIDE, 5/8" GYP BOARD TYPE SCX ON OTHER SIDE
5 - 2 HR FIRE BARRIER
6 - 1 HR FIRE PARTITION

STUD WIDTH / TYPE DESIGNATION

A = 5 1/2" / WD
B = 3 1/2" / WD
C = 1 1/2" / WD
D = 7 1/4" / WD
H = RESERVED
E = 9 1/4" / WD
F = 11 1/4" / WD
G = 2 1/2" CH MTL STUDS, 20 GA. @ 24" O.C.

TYPES:
WD DIMENSIONAL LUMBER
MTL METAL STUDS
ST STRUCTURAL STUDS

FOUNDATION PLAN GENERAL NOTES

FLOOR TRUSS CRITERIA

12" FLOOR TRUSSES

TCLL= 100 PSF
TCDL= 25 PSF
BCDC = 5PSF
ΔTTL = L/360

SUBSTITUTION CHART:

LVL SIZE	WF STEEL SIZE
(2) 12" LVL	W10 x 15
(2) 14" LVL	W12 x 16
(2) 16" LVL	W14 x 22
(2) 18" LVL	W16 x 26
(3) 12" LVL	W10 x 17
(3) 14" LVL	W12 x 16
(3) 16" LVL	W14 x 22
(3) 18" LVL	W16 x 26
(2) 16" LVL W/ 1/2" PL	W16 x 26
(2) 16" LVL W/ (2) 1/2" PL	W16 x 40

GENERAL NOTES

BLOCK WEBS SOLID AT BEARING WALL LOCATIONS ABOVE

CONTRACTOR TO EXTEND ALL POSTS DOWN TO SOUND FOUNDATION, INSTALL FULL DEPTH SOLID BLOCKING AT ALL POINT LOAD LOCATIONS

ALL FOOTINGS TO EXTEND DOWN TO FROST LEVEL MIN.

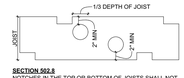
INDICATES LOCATION OF POINT LOAD ABOVE

INDICATES LOCATION OF BEARING WALL ABOVE

COORDINATE EXACT LOCATIONS OF FLOOR DRAIN WITH MECH CONTRACTOR

IN ORDER TO REMAIN EXPOSED, WEBS OF TJI'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)



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HOLES DRILLED OR BORED IN JOISTS SHALL NOT BE WITHIN 2 INCHES OF THE TOP OR BOTTOM OR THE JOISTS AND THEIR DIAMETER SHALL NOT EXCEED ONE-THIRD THE DEPTH OF THE JOIST.

SECTION 602.6
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 40% 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 5/8 INCH TO THE EDGE OF THE STUD, AND THE HOLE IS NOT LOCATED IN THE SAME SECTION AS A CUT OR NOTCH.

STEEL LINTEL SCHEDULE

PROVIDE STEEL LINTELS AS PER THE FOLLOWING SCHEDULE IN MASONRY WALL OPENINGS WHEN NOT SHOWN ON DRAWINGS, OR IN OPENINGS REQUIRED BY THE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.

L3 1/2 x 3 1/2 x 1/4 FOR OPENINGS UP TO 4'-0".
L5 x 3 1/2 x 5/16 FOR OPENINGS FROM 4'-1" TO 6'-0"
L6 x 3 1/2 x 5/16 FOR OPENINGS FROM 6'-1" TO 7'-0"
W8 x 18 with 5/16 PLATE FOR OPENINGS FROM 7'-1" TO 10'-0"

FOR OPENINGS GREATER THAN 10'-0" AND NOT SHOWN ON PLANS, ALLOW FOR MINIMUM BEAM WEIGHT OF 36 PLF PLUS A 5/16" x 11" BOTTOM PLATE.

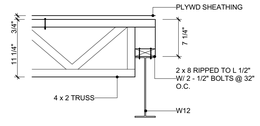
ALL LINTELS SHALL BEAR ON 8" OF SOLID MASONRY, UNO.

USE ONE ANGLE FOR EACH 4" WHYTHE OF MASONRY. PLATES ARE TO BE 1" LESS THAN NOMINAL WALL THICKNESS.

MINIMUM THICKNESS OF LINTELS IN EXTERIOR WALLS TO BE 5/16".

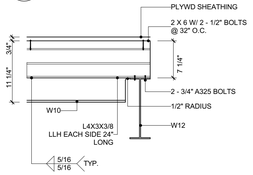
ANGLES OR PLATES IN EXTERIOR WIDTHS OF MASONRY WALLS TO BE HOT DIPPED GALVANIZED.

FOR MULTI WYTHE WALLS WITH AIR SPACES, CONTRACTORS IS TO INCLUDE (6) ADDITIONAL ANGLES, PLATES, AND CHANNELS TO CLOSE OFF AIRSPACE AT LINTEL LOCATIONS. SEE DETAILS ON DRAWINGS. IF NO DETAILS ARE SHOWN, CONTACT ENGINEER FOR FURTHER INFORMATION AND DETAILS.



4 TRUSS SECTION

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



5 TRUSS SECTION

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

SQUARE FOOTAGE

FLOOR	AREA
FOUNDATION	852
FIRST FLOOR	968
SECOND FLOOR	520
	2,340 ft²

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Peninsula, Ohio 44264
T 330.657.2800

STATE OF OHIO — JOSEPH MATAVA — 0614145 — REGISTERED ARCHITECT

JOSEPH MATAVA
0614145 | 12/31/23

PROJECT TEAM:

PENINSULA ARCHITECTS

CIVIL ENGINEER:
CIVIL DESIGN GROUP
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STRUCTURAL ENGINEER:
IA LEWIN & ASSOCIATES
P 216.291.3131

MEP ENGINEER:
WRIGHT ENGINEERING
P 330.606.2957

NORTH MAIN RETAIL

201 NORTH MAIN STREET, HUDSON, OHIO

N

PROJECT #: 2317

ISSUE	ID	DATE
BID PACKAGE #1		08/23/23
BULLETIN #1	1	11/22/23
BULLETIN #2	2	01/02/24
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BASEMENT AND FOUNDATION PLANS

A1.01

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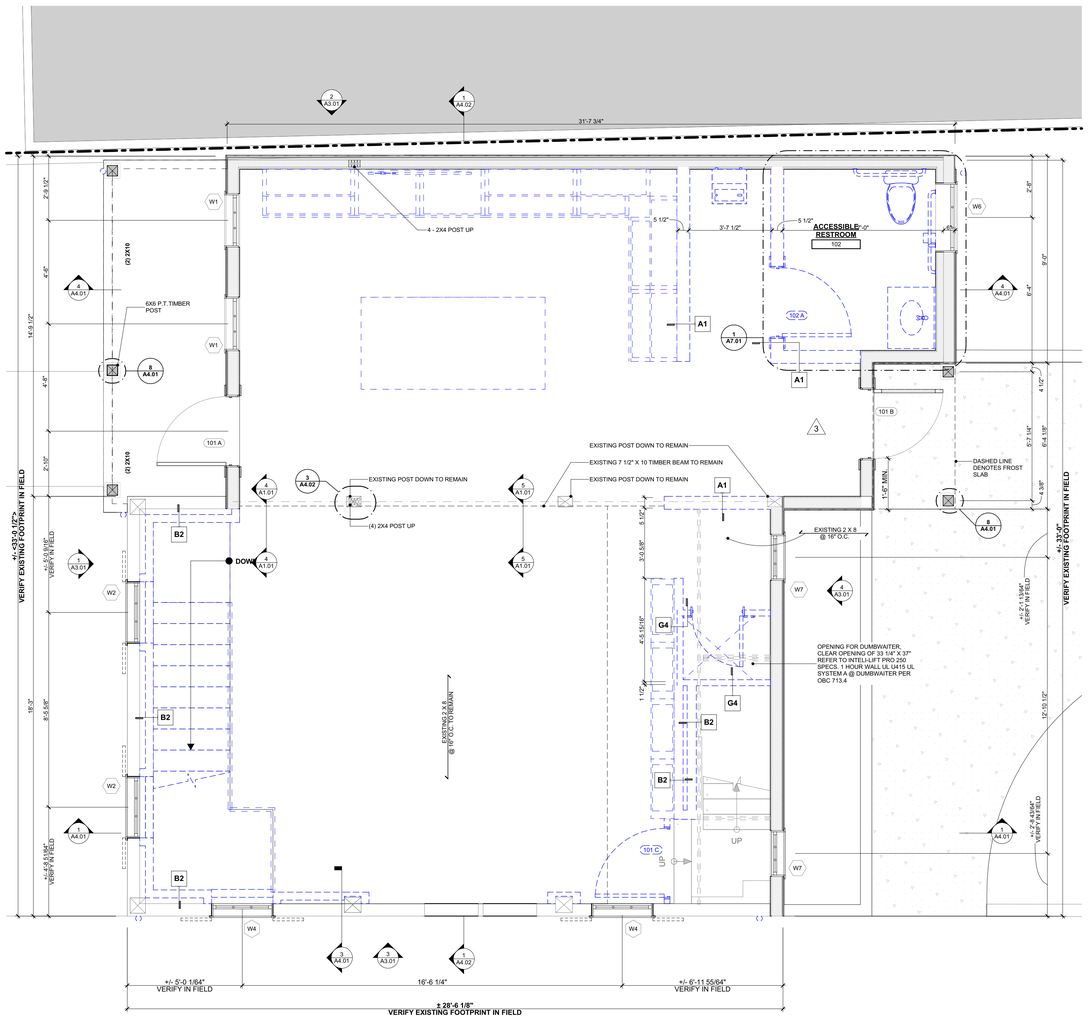
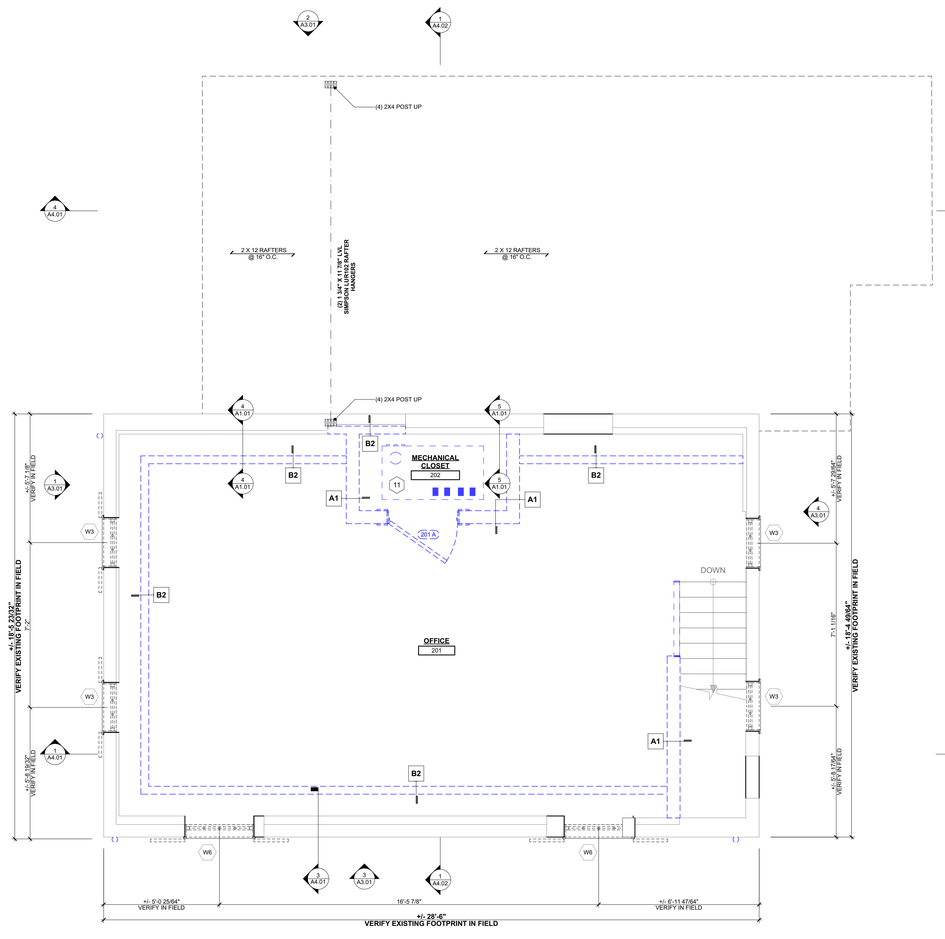


1 FIRST FLOOR PLAN

SCALE: 3/8" = 1'-0"



2 SECOND FLOOR PLAN

SCALE: 3/8" = 1'-0"

ITEMS SHOWN IN BLUE DASHED LINES ARE FOR REFERENCE ONLY AND NOT TO BE REVIEWED BY PLANS EXAMINER AT THIS TIME.

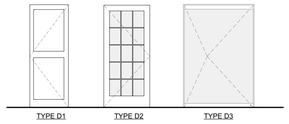
DOOR SCHEDULE

ID	ROOM NAME	DOOR WIDTH	DOOR HEIGHT	OPERATION	DOOR PANEL TYPE	DOOR PANEL MATERIAL	FRAME TYPE	FRAME MATERIAL	HARDWARE	REMARKS
002 A	SALES FLOOR	2'-8"	6'-8"	POCKET	D1	SC WOOD	F1	WD	---	
004 A	PROJECT AREA	4'-0"	6'-8"	PIVOT	D3	ALUM / GLASS	F1	HM	---	
004 B	SALES FLOOR	2'-8"	6'-8"	POCKET	D1	SC WOOD	F1	WD	---	
101 A	SALES FLOOR	3'-0"	6'-8"	SWING	D1	SC WOOD	F1	HM	DH-1	
101 B	SALES FLOOR	3'-0"	6'-8"	SWING	D2	ALUM / GLASS	F1	HM	DH-1	
101 C	PROJECT AREA	3'-0"	6'-8"	SWING	D1	SC WOOD	F1	WD	---	
102 A	ACCESSIBLE RESTROOM	3'-0"	6'-8"	SWING	D1	SC WOOD	F1	WD	---	
201 A	OFFICE	3'-0"	6'-0"	SWING	D1	SC WOOD	F1	WD	---	

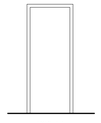
DOOR HARDWARE NOTES

DH-1 ALL PASSAGE SETS, PRIVACY SETS AND LOCKSETS SHALL BE ANSI/BHMA GRADE 1 COMMERCIAL WITH ADA COMPLIANT LEVER HARDWARE. ALL LOCKSETS SHALL BE THE PRODUCTS OF A SINGLE MANUFACTURER. ALL DOOR LOCKS SHALL ALLOW EGRESS WITHOUT THE USE OF A KEY AND BY MEANS OF A SINGLE OPERATION.

DOOR PANEL TYPE



DOOR FRAME TYPE



FOUNDATION PLAN GENERAL NOTES

FLOOR TRUSS CRITERIA

12" FLOOR TRUSSES

TCLL= 100 PSF
TCDL= 25 PSF
BCDC = 5PSF
ΔTTL = L/360

SUBSTITUTION CHART:

LVL SIZE	WF STEEL SIZE
(2) 1/2" LVL	W10 x 15
(2) 1/4" LVL	W12 x 16
(2) 1/6" LVL	W14 x 22
(2) 1/8" LVL	W16 x 26
(3) 1/2" LVL	W10 x 17
(3) 1/4" LVL	W12 x 16
(3) 1/6" LVL	W14 x 22
(3) 1/8" LVL	W16 x 26
(2) 1/6" LVL W/ 1/2" PL	W16 x 26
(2) 1/6" LVL W/ (2) 1/2" PL	W16 x 40

GENERAL NOTES

BLOCK WEBS SOLID AT BEARING WALL LOCATIONS ABOVE

CONTRACTOR TO EXTEND ALL POSTS DOWN TO SOUND FOUNDATION, INSTALL FULL DEPTH SOLID BLOCKING AT ALL POINT LOAD LOCATIONS

ALL FOOTINGS TO EXTEND DOWN TO FROST LEVEL MIN.

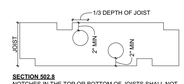
INDICATES LOCATION OF POINT LOAD ABOVE

INDICATES LOCATION OF BEARING WALL ABOVE

COORDINATE EXACT LOCATIONS OF FLOOR DRAIN WITH MECH CONTRACTOR

IN ORDER TO REMAIN EXPOSED, WEBS OF TJI'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)



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FLOOR PLAN GENERAL NOTES

1. ALL INTERIOR WALLS SHALL BE 2x6 WOOD STUDS WITH (1) LAYER 5/8" GYPSUM BOARD ON BOTH SIDES UNLESS NOTED OTHERWISE. REFER TO G1.01 FOR TERMINATION DETAILS AND FLOOR TO FLOOR HEIGHTS, TYPICAL.
2. CIVIL GROUND FLOOR FINISH ELEVATION = **1073.60'**, ARCHITECTURAL GROUND FLOOR FINISH ELEVATION = 0'-0".
3. VERIFY DIMENSIONS AND CONDITIONS IN FIELD. WHEN DIMENSIONS AND/OR CONDITIONS AS INDICATED ON DRAWINGS CONFLICT WITH ACTUAL, CONTACT ARCHITECT FOR CLARIFICATION.
4. TYPICAL MOUNTING HEIGHTS & LOCATIONS OF FIXTURES, ACCESSORIES AND SELECT EQUIPMENT ARE SHOWN ON SHEET G1.01.
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6. ALL WOOD BLOCKING AND BACKER BOARDS ARE TO BE FIRE RETARDANT TREATED TYPE.
7. PROVIDE DOUBLE TOP TRACK DEFLECTION JOINT AT ALL WALLS WHICH EXTEND TO UNDERSIDE OF ROOF DECK ABOVE.
8. COORDINATE LOCATION OF EQUIPMENT AND PENETRATIONS WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
9. SEE EXTERIOR ELEVATIONS FOR IDENTIFICATION OF WINDOW TYPES AND SIZES.
10. HINGE SIDE OF DOOR JAMB LOCATED IN METAL STUD WALLS TO BE 4" FROM ADJACENT PERPENDICULAR WALLS, UNO.
11. ALL DOORS ARE DIMENSIONED TO THE CENTER LINE OF THE ROUGH OPENING.
12. VERIFY LOCATIONS OF FIRE EXTINGUISHERS WITH LOCAL FIRE DEPARTMENT OFFICIAL AND ARCHITECT PRIOR TO PLACEMENT. ALL EXTINGUISHERS TO BE RECESSED CABINET MOUNTED TYPE, UNO.
13. PROVIDE BLOCKING BEHIND ALL A/V EQUIPMENT, WALL SPEAKERS, CEILING MOUNTED PROJECTORS, HANDRAILS, ACCESSORIES, ETC. CONTRACTOR RESPONSIBLE FOR MISC STEEL, UNISTRUT, FRT WOOD BLOCKING, STRAPPING ETC AS REQUIRED TO FULLY SUPPORT EQUIPMENT AND ACCESSORIES AS INDICATED IN DOCUMENTS.
14. MOISTURE RESISTANT GYP BD TO BE USED ON WALLS AND CEILINGS OF ALL RESTROOMS AND KITCHENS.
15. PROVIDE LEVEL SURFACES AND PREP FLOOR TO RECEIVE SCHEDULED FINISH

FLOOR PLAN CODED NOTES

NOTE: ALL CODED NOTES MAY NOT OCCUR ON EVERY SHEET

1. 4'-0" x 8'-0" OPEN TABLE FOR SAMPLING & SALES
2. WALL MOUNTED TV
3. LF DISPLAY CABINET
4. TALL CABINETS
5. DUMBWAITER THAT TRAVELS FROM THE BASEMENT TO FIRST FLOOR WITH UL415 SYSTEM A (1HR) SHAFT WALLS, BASIS OF DESIGN: INTELI-LIFT PRO 250 28x28x28 SAME SIDE WITH BI-PARTING GATE & SWING DOORS
6. NEW STAIR TO BASEMENT WITH CUSTOM DISPLAY MILLWORK
7. CONCEALED DOOR
8. EXISTING PILASTER TO BE FURRED OUT
9. DISHWASHER
10. LF DISPLAY CABINET SUSPENDED

INTERIOR STUD WALL SYMBOL KEY

A1

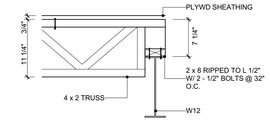
GYP. BOARD CONFIGURATION

1 - GYP. BOARD FULL HEIGHT,BOTH SIDES
2 - GYP. BOARD FULL HEIGHT,ONE SIDE
3 - GYP. BOARD TO 6" ABOVE FINISH CEILING, BOTH SIDES, NON-RATED
4 - 1" GYP BOARD TYPE SLX ON ONE SIDE, 5/8" GYP BOARD TYPE SCX ON OTHER SIDE
5 - 2 HR FIRE BARRIER
6 - 1 HR FIRE PARTITION

STUD WIDTH / TYPE DESIGNATION

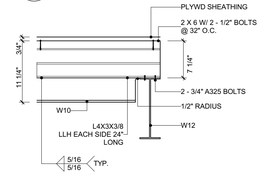
A = 5 1/2" / WD
B = 3 1/2" / WD
C = 1 1/2" / WD
D = 7 1/4" / WD
H = RESERVED
E = 9 1/4" / WD
F = 11 1/4" / WD
G = 2 1/2" CH MTL STUDS, 20 GA. @ 24" O.C.

TYPES:
WD DIMENSIONAL LUMBER
MTL METAL STUDS
ST STRUCTURAL STUDS



5 TRUSS SECTION

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



6 TRUSS SECTION

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

SQUARE FOOTAGE

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FIRST FLOOR	968
SECOND FLOOR	520
	2,340 ft²

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BID PACKAGE #1		08/23/23
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BULLETIN #3	3	01/10/24

FIRST AND SECOND FLOOR PLANS (FOR REFERENCE)

A1.02

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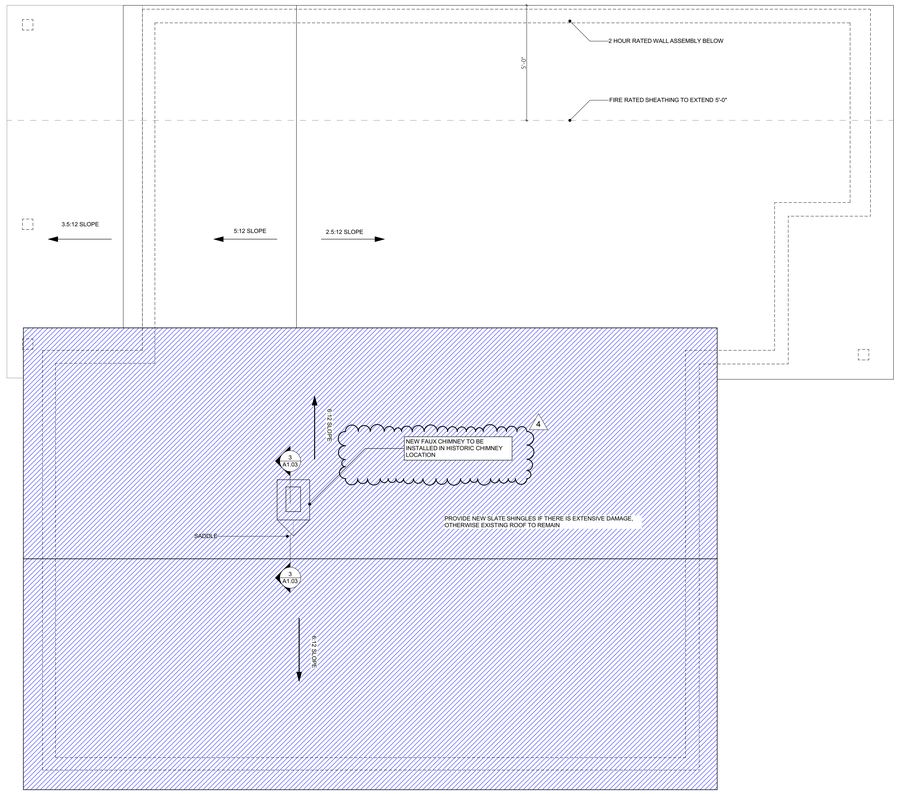
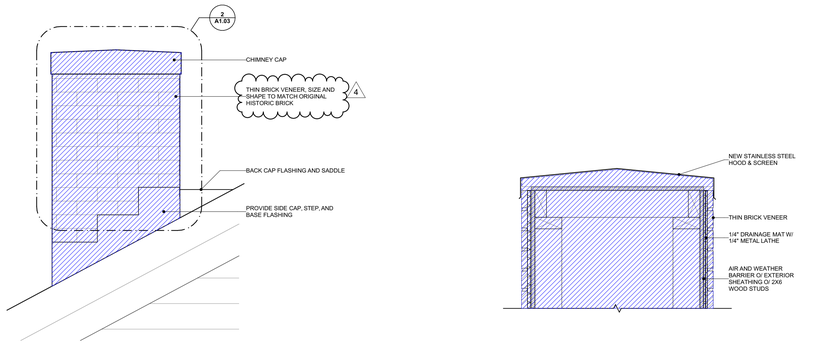


1 ROOF PLAN

SCALE: 3/8" = 1'-0"

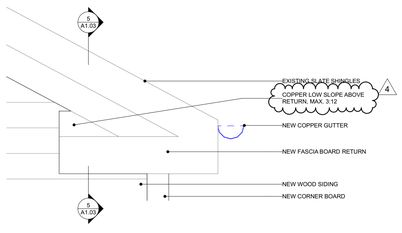


2 ENLARGED CHIMNEY ELEVATION

SCALE: 1" = 1'-0"

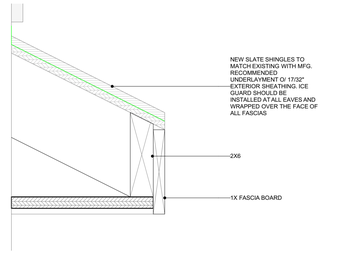
3 CHIMNEY CAP DETAIL

SCALE: 1 1/2"= 1'-0"



4 ROOF DETAIL

SCALE: 1" = 1'-0"



5 ROOF SECTION DETAIL

SCALE: 3" = 1'-0"

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	2,340 ft²

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ROOF FLOOR PLAN

A1.03

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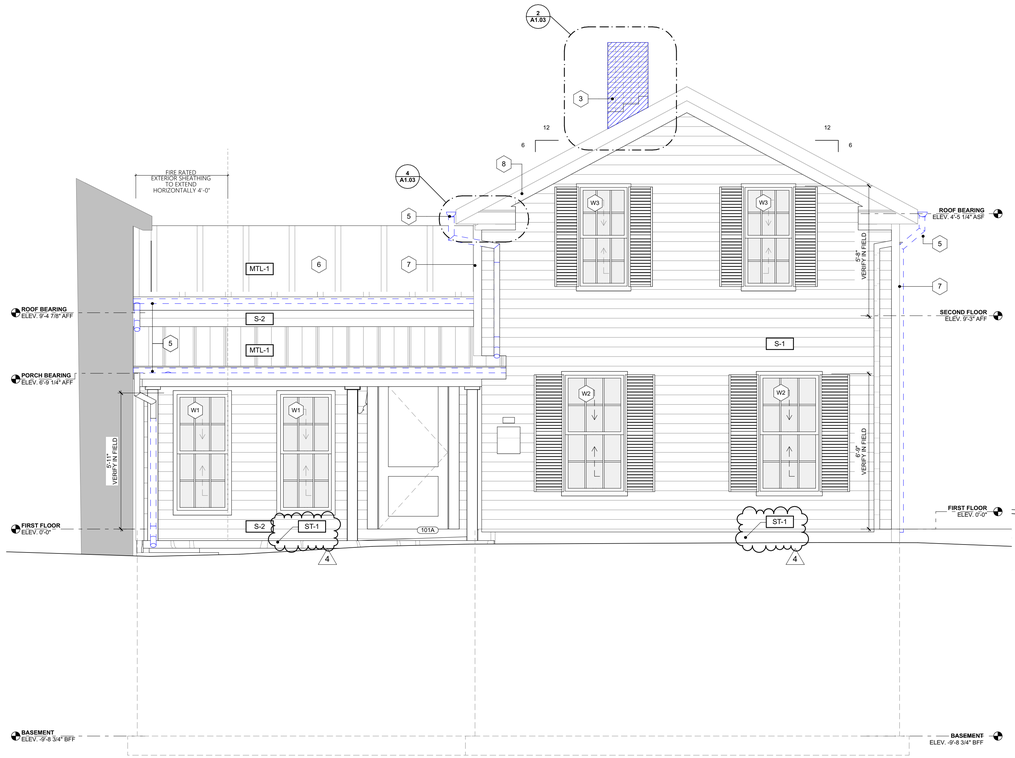
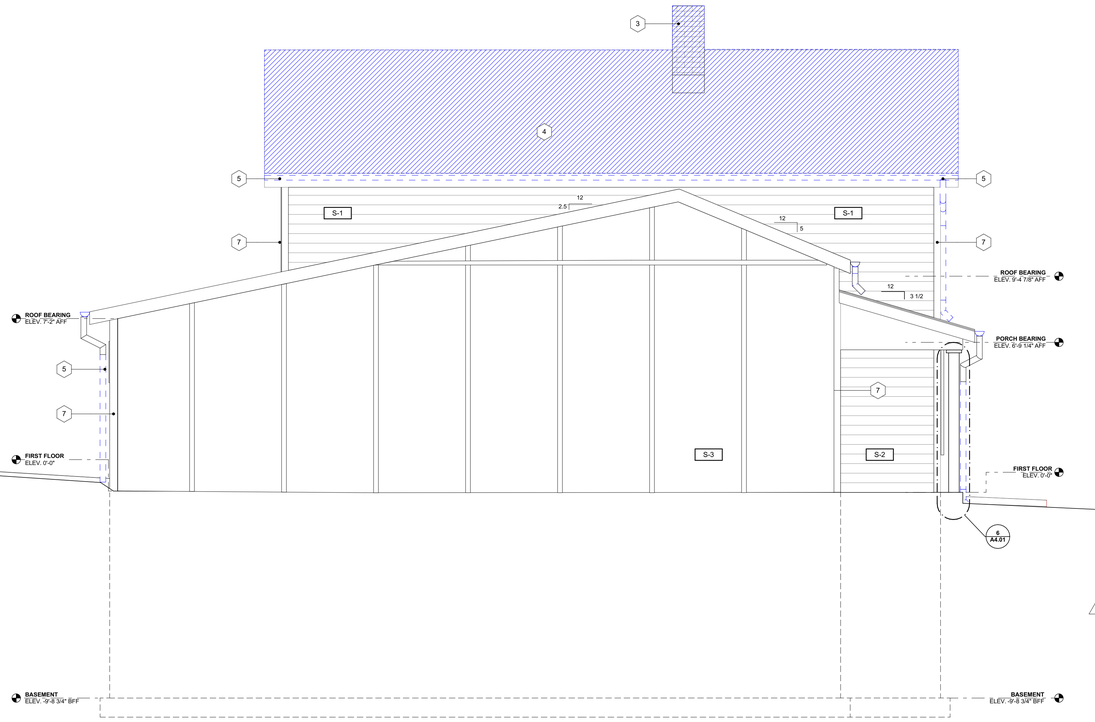


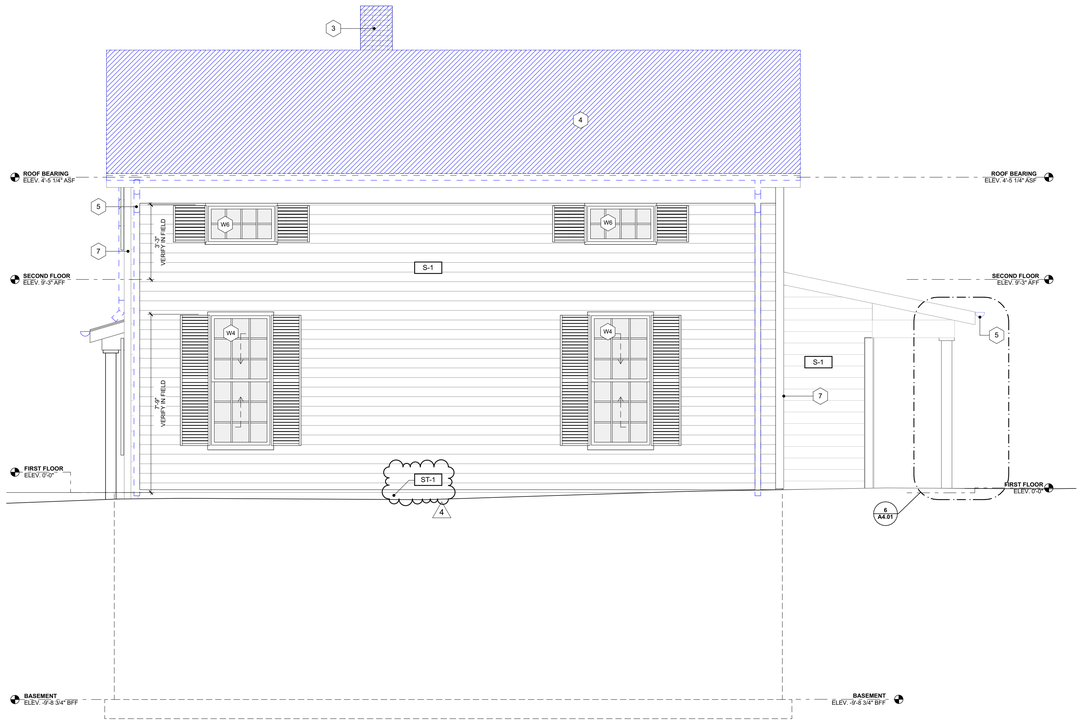
1 EXTERIOR ELEVATION - WEST (FRONT OF THE BUILDING)

SCALE: 3/8" = 1'-0"



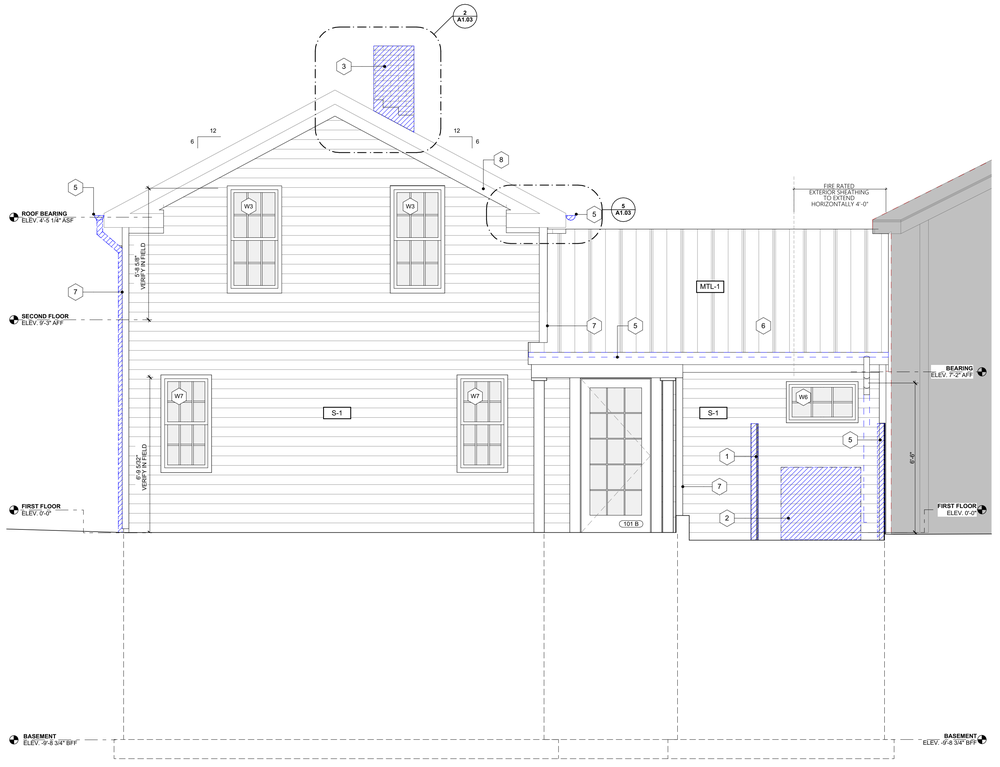
2 EXTERIOR ELEVATION - NORTH (SIDE OF THE BUILDING)

SCALE: 3/8" = 1'-0"



3 EXTERIOR ELEVATION - SOUTH (SIDE OF THE BUILDING)

SCALE: 3/8" = 1'-0"



4 EXTERIOR ELEVATION - EAST (BACK OF THE BUILDING)

SCALE: 3/8" = 1'-0"

GENERAL ELEVATION NOTES

REFER TO EXTERIOR WALL TYPES LEGEND BELOW FOR TYPICAL WALL CONSTRUCTION INFORMATION. HORIZONTAL EXTENTS OF EXTERIOR WALL CONSTRUCTION ARE INDICATED ON THE FLOOR PLAN

ROOF SOFFITS TO BE AC PLYWOOD WITH A CONTINUOUS LINEAR VENT UNLESS NOTED OTHERWISE.

ALL WOOD EXTERIOR TRIM TO BE PAINTED.

ALL ROOF PENETRATIONS TO BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLTION TO ENSURE AESTHETIC EXPECTATIONS ARE MAINTAINED.

ALL FOUNDATIONS TO BE PARGED ABOVE GRADE.

GUTTER PROFILES SHALL BE SUBMITTED FOR APPROVAL PRIOR TO ORDERING

ELEVATION KEYNOTES

1. NEW WOOD PRIVACY FENCE, PAINTED OR STAINED
2. NEW HVAC AND GENERATOR
3. NEW FAUX BRICK CHIMNEY TO MATCH HISTORIC. CHIMNEY TO BE INSTALLED IN HISTORIC LOCATION.
4. EXISTING SLATE SHINGLE ROOF TO REMAIN
5. NEW HALF ROUND COPPER GUTTERS AND DOWNSPOUTS
6. NEW METAL STANDING SEAM ROOF TO MATCH EXISTING HISTORIC ROOF
7. 1X4 WOOD CORNER BOARDS
8. 1X6 WOOD RAKE TRIM, PAINT TO MATCH TRIM

MATERIAL SCHEDULE

ALL MATERIAL ASSEMBLIES LISTED BELOW TO OCCUR OVER THE FOLLOWING UNLESS NOTED OTHERWISE:

O/ WEATHER BARRIER
O/ APA RATED EXTERIOR GRADE OSB SHEATHING
O/ 2x6 STUDS W/ R-19 BATT INSULATION

(S-1) - WOOD SIDING
WESTERN RED CEDAR LAP SIDING COORDINATE EXPOSURE WIDTH W/ ARCHITECT & OWNER TO MATCH HISTORIC EXPOSURE. LAP SIDING IS TO BE PRIMED ON ALL FOUR SIDES, PAINTED, COORDINATE FINAL COLOR WITH ARCHITECT AND OWNER.

(S-2) - WOOD SIDING
FLUSH BOARD CEDAR SIDING IS TO BE PRIMED ON ALL FOUR SIDES, PAINTED, COORDINATE FINAL COLOR WITH ARCHITECT AND OWNER.

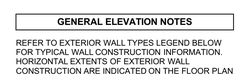
(S-3) - FIBER CEMENT SIDING
HARDIE FIBER CEMENT SIDING, COORDINATE FINAL COLOR WITH ARCHITECT AND OWNER.

(MTL-1) - STANDING SEAM METAL ROOF
METAL STANDING SEAM ROOF, NO STRIATIONS OR RIBS, TO MATCH EXISTING PROPORTIONS O/ MANUFACTURER'S RECOMMENDED UNDERLAYMENT O/ 18/32" APA RATED EXTERIOR GRADE SHEATHING. ICE GUARD SHOULD BE INSTALLED AT ALL EAVES AND VALLEYS, UP 72", AND WRAPPED OVER THE FACE OF ALL FASCIAS.

(ST-1) - STONE SIDING
SALVAGED SANDSTONE VENEER

WINDOW LEGEND

FRAME / WINDOW TYPE DESIGNATION - REFER TO FRAME / WINDOW TYPE ELEVATIONS



BASIS OF DESIGN:
ALL WINDOWS ARE TO BE PELLA RESERVE - TRADITIONAL, DOUBLE HUNG - OR APPROVED EQUAL. PROVIDE NEW PAINTED WOOD SHUTTERS.
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.**

WINDOW SCHEDULE REMARKS

1. WINDOWS INDICATED WITH ZERO SEPARATION HAVE MULLED FRAMES. REFER TO EXTERIOR ELEVATIONS FOR CONFIGURATIONS AND QUANTITY.
2. PROVIDE PRIVACY WINDOW FILM AT ACCESSIBLE RESTROOM ON FIRST FLOOR.

WINDOW SCHEDULE

ID	W x H	OPERATION	EGRESS	REMARKS
W1	2'-4"x5'-2"	DOUBLE HUNG	---	
W2	2'-8"x5'-2"	DOUBLE HUNG	---	
W3	2'-2"x4'-5"	DOUBLE HUNG	---	
W4	2'-8"x5'-9"	DOUBLE HUNG	---	
W5	3'-0"x1'-8"	FIXED	---	
W7	2'-0"x4'-0"	DOUBLE HUNG	---	

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EXTERIOR ELEVATIONS

A3.01

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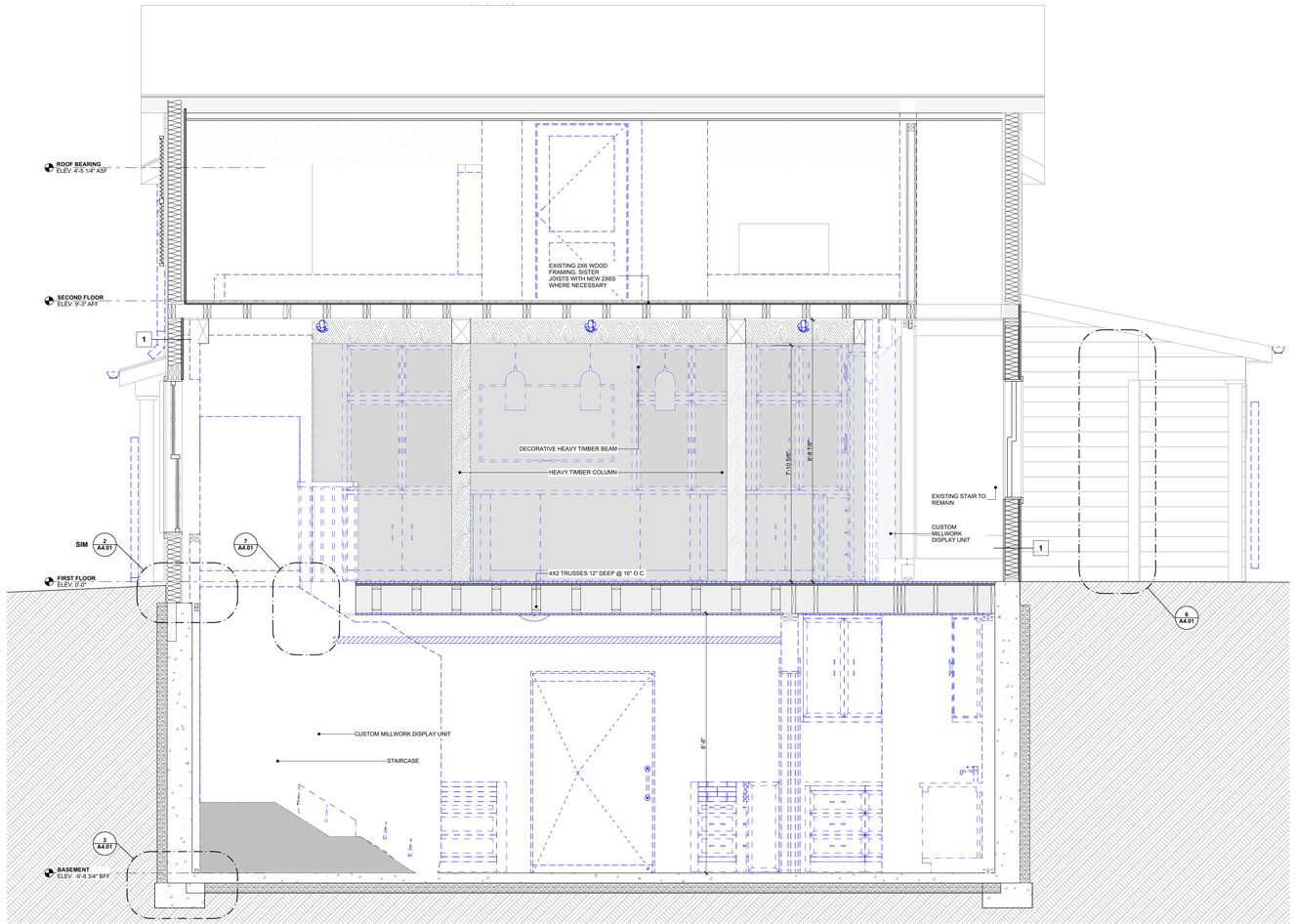
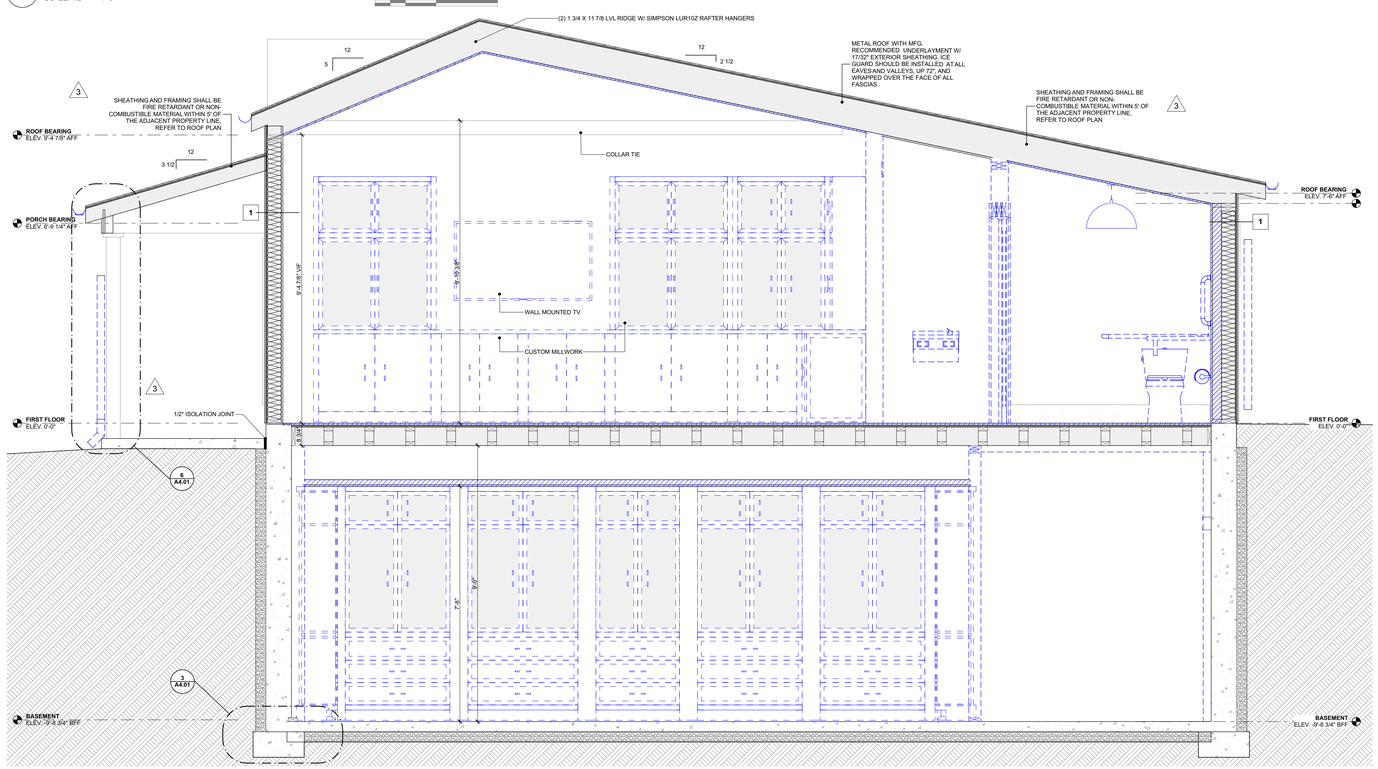


1 BUILDING SECTION

SCALE: 1/2" = 1'-0"



4 BUILDING SECTION

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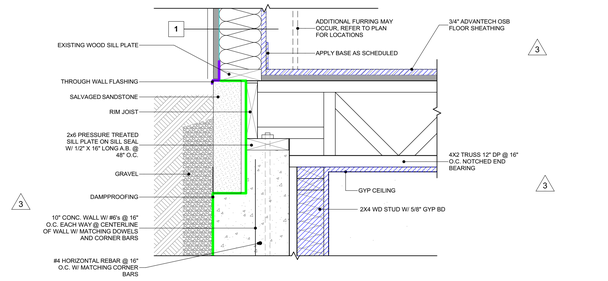
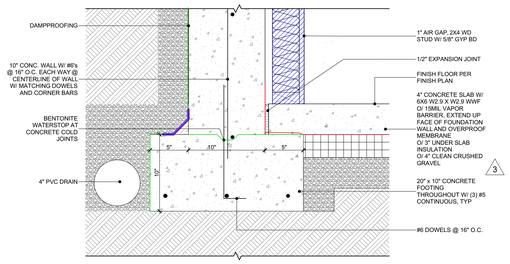


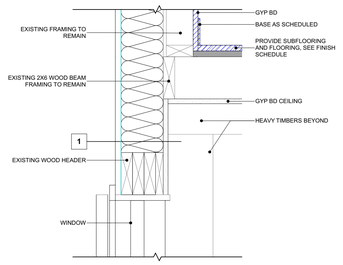
2 DETAIL

SCALE: 1 1/2"= 1'-0"



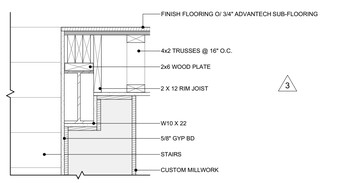
3 FOUNDATION DETAIL

SCALE: 1 1/2"= 1'-0"



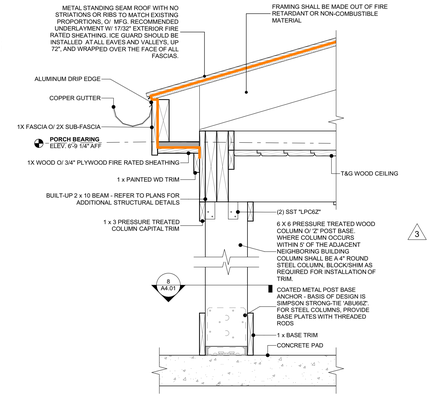
5 DETAIL

SCALE: 1 1/2"= 1'-0"



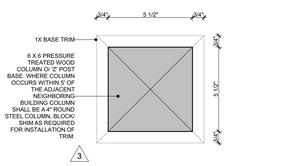
7 BEAM SECTION DETAIL

SCALE: 1" = 1'-0"



6 COLUMN DETAIL

SCALE: 1 1/2"= 1'-0"

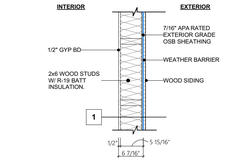


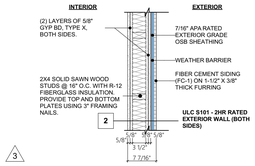
8 COLUMN PLAN DETAIL

SCALE: 3" = 1'-0"

EXTERIOR WALL TYPES

NOTE: WALL INFORMATION IS DEMONSTRATED IN PLAN VIEW





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BUILDING SECTIONS

A4.01

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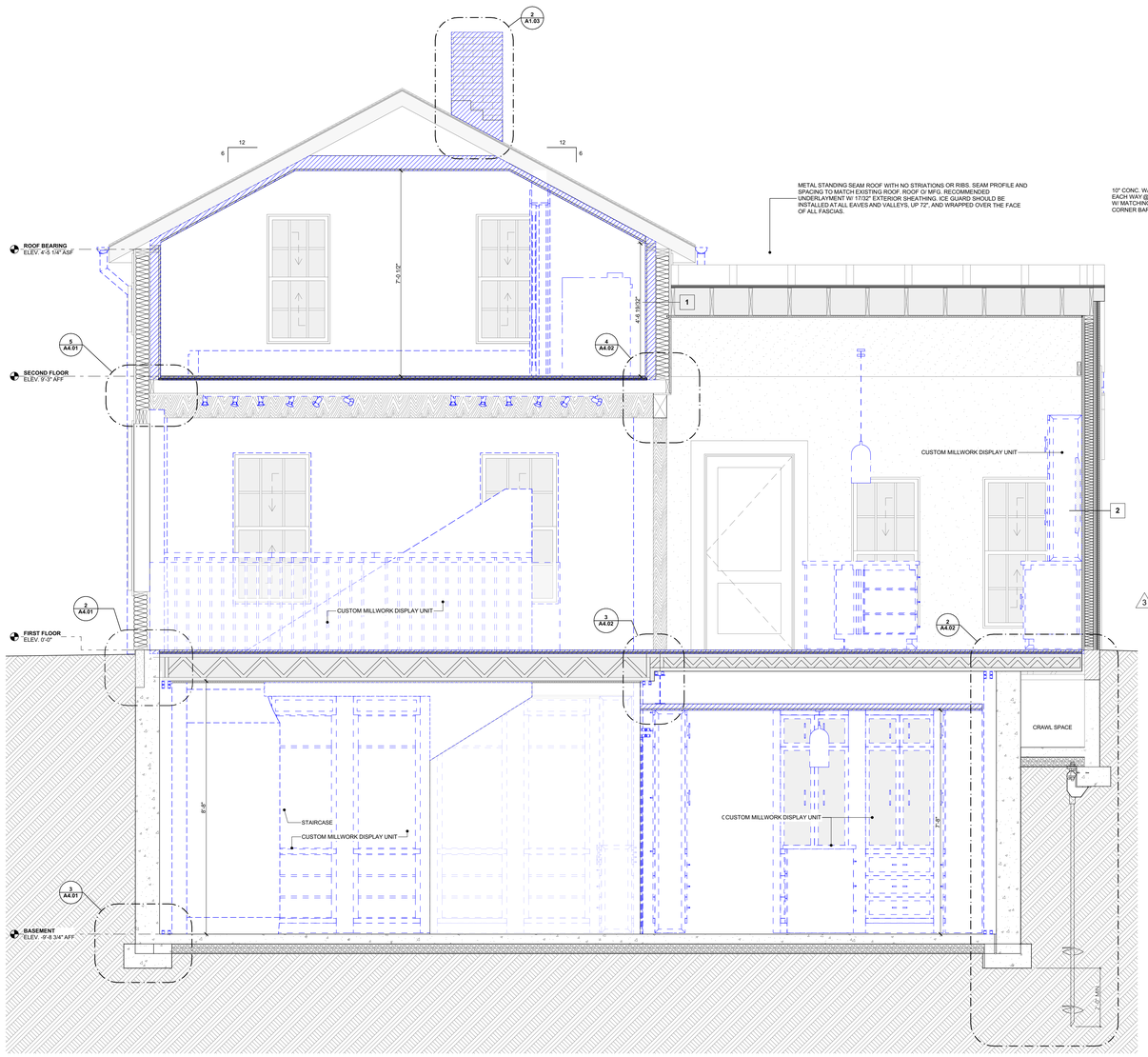
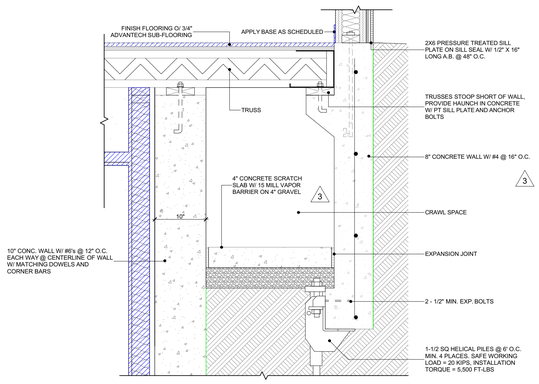
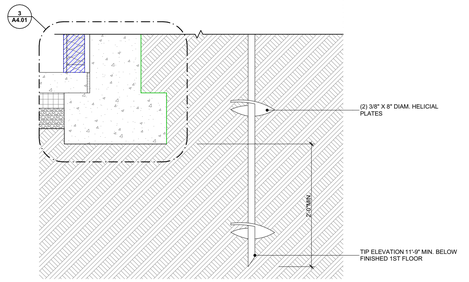
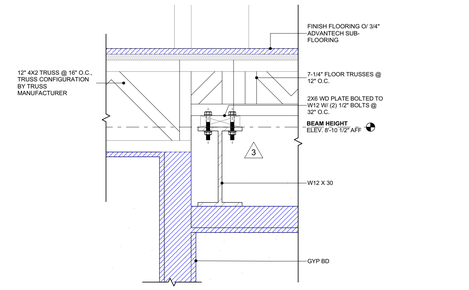


1 BUILDING SECTION
SCALE: 1/2" = 1'-0"

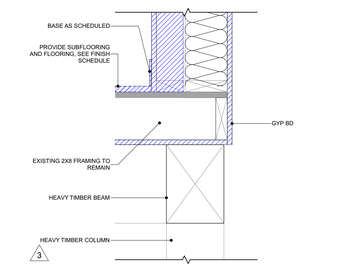




2 DETAIL - EXISTING FOUNDATION
SCALE: 1" = 1'-0"



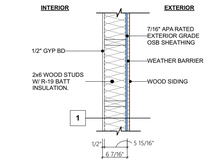
3 DETAIL - DROPPED CEILING
SCALE: 1 1/2"= 1'-0"

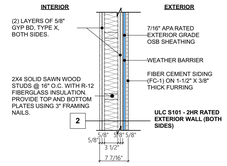


4 DETAIL
SCALE: 1 1/2"= 1'-0"

EXTERIOR WALL TYPES

NOTE: WALL INFORMATION IS DEMONSTRATED IN PLAN VIEW



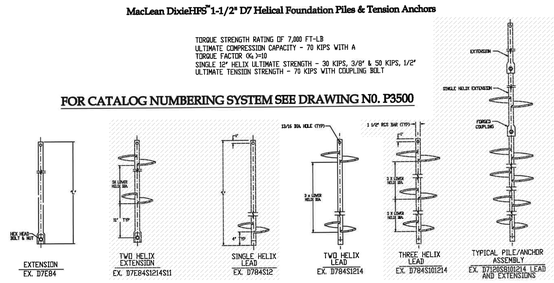


3

MacLean Dixie HPS™ 1-1/2" D7 Helical Foundation Piles & Tension Anchors

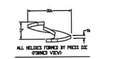
TORQUE STRENGTH RATING OF 7,000 FT-LB
ULTIMATE COMPRESSION CAPACITY = 70 KIPS WITH A
TORQUE FACTOR K_t >10
SINGLE 12" HELIX ULTIMATE STRENGTH = 30 KIPS, 3/8" & 50 KIPS, 1/2"
ULTIMATE TENSION STRENGTH = 70 KIPS WITH COUPLING BOLT

FOR CATALOG NUMBERING SYSTEM SEE DRAWING N0. P3500



NOTES:

1. FINISH – HOT DIP GALV. PER ASTM A153 OR BLACK BY ADDING SUFFIX "U" AFTER CAT. NO.
2. SHAFT MATERIAL – ROUND CORNERED SQUARE (RCS) STEEL BARS PER ASTM A29 AND ASTM A576 GRADE 1530M WITH MILL CERT. AT 90 KSI MIN. YIELD STRENGTH.
3. HELIX MATERIAL – HOT ROLLED LOW CARBON STEEL PER ASTM A1018 OR EQUAL WITH 55 KSI MINIMUM YIELD STRENGTH.
4. COUPLING BOLTS 3/4" DIAMETER X 3" LONG HEX HEAD PER ASTM A325 AND 3/4" HEX JAM NUTS PER ASTM A563.
5. NOMINAL SPACING BETWEEN HELICAL PLATES IS 3X THE LOWER DIA.
6. ALL WELDING TO BE DONE BY WELDERS CERTIFIED PER AWS CODE D1.1
7. ALL MATERIAL IS MANUFACTURED AS PER ICC-ES, AC10 ACCEPTANCE CRITERIA FOR QUALITY CONTROL DOCUMENTS



MacLean Dixie HFS
A MACLEAN POWER SYSTEMS COMPANY
11421 ADDISON STREET
FRANKLIN PARK, IL 60131-1130

DIXIE HFS® 1-1/2" D7 Helical Foundation Piles & Tension Anchors

ENG. REF.

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DATE: 01/09/09 | SCALE: FULL | NO. P3503 | R/ 3 | Pg. 1
DWN. MW | CHK. | APP. | DSC. | APP.

NOTE: MACLEAN DIXIE SHOWN AS BASIS OF DESIGN - CHANCE, RAM-JACK OR OTHER ALTERNATES ARE ACCEPTABLE. SUBMIT DATA PRIOR TO INSTALLATION FOR APPROVAL

SECTION 12

The values of K_t shown below are intended to assist the designer in selecting the proper shaft size for his particular application. Larger values of K_t can provide greater geotechnical pile capacities, but Design Loads should not induce: (1) stresses into the shaft which exceed one-half of the Yield Strength shown in Table 12.1 or (2) Helix loads exceeding the values shown in Table 12.3.

Table 12.2
RATED MAXIMUM DESIGN LOADS (ALLOWABLE LOADS) – BASED ON INSTALLATION TORQUE *

Shaft Size	Designation	K_t	Rated Torsional Capacity (ft-lbs)	Ultimate Capacity		Maximum Design Load	
				Tension (lbs)	Compression (lbs)	Tension (lbs)	Compression (lbs)
1.25" Square Shaft	D3	10	3,400	34,000	34,000	17,000	17,000
1.50" Square Shaft	D6	10	5,500	60,000	55,000	30,000	27,500
1.50" Square Shaft (high str.)	D7	10	7,000	70,000	70,000	35,000	35,000
1.75" Square Shaft	D10	10	10,000	100,000	100,000	50,000	50,000
2.00" Square Shaft	D15	10	15,000	150,000	150,000	75,000	75,000
2.875" O.D. (0.203" wall)	P28	8	7,500	80,000	60,000	40,000	30,000
2.875" O.D. (0.276" wall)	P28H	8	9,000	100,000	72,000	50,000	36,000
3.500" O.D. (0.216" wall)	P35	7	11,400	100,000	80,000	50,000	40,000
3.500" O.D. (0.300" wall)	P35H	7	15,000	140,000	105,000	70,000	52,500
4.500" O.D. (0.237" wall)	P45	6	20,000	140,000	120,000	70,000	60,000
4.500" O.D. (0.337" wall)	P45H	6	26,000	200,000	156,000	100,000	78,000
8.625" O.D. X 0.1875" wall	P8	4.5	44,500	240,000	200,000	120,000	100,000**

* Maximum Design Loads (Allowable Loads) are based on a Factor of Safety of 2 (See Section 5). Column buckling considerations are not addressed (See Section 9).
- Loads are axial.
- Ultimate tension is based on mechanical strength of pipe and coupling.
- Ultimate Compression Capacity (lbs) = ultimate helix/soil bearing capacity (lbs) = K_t x Torque (ft-lbs), (See Sec.13).
- Rated maximum design loads assume that the torsional capacity of the pile has been achieved.
- If the soil's bearing capacity beneath the helices is greater than that above the helices, the geotechnical compression capacity of the pile will be greater, but design loads should not induce: (1) stresses into the shaft which exceed one-half of the Yield Strength shown in Table 12.1 or (2) Helix loads exceeding the values shown in Table 12.3.

** Depending on pile depth and type of soil, skin friction (after soil remolds around the pipe) will increase the total capacity of the P45 and P8 Pipe Piles.
*** A concrete or grout filled P8 Pipe Pile may significantly increase its capacity. P8 Pipe Piles have been successfully load tested to 180,000 lbs. Unless otherwise noted, the P8 Pipe Pile should be filled with suitably reinforced concrete or grout of sufficient strength after installation.

3

B. Square Shaft or Round Pipe Shaft?

Square shafts are more efficient than round pipe. When installed to the same torque, the capacity of a square shaft anchor will be greater than that of a round shaft anchor. (This is discussed in Section 13.) In addition, because of the small cross sectional area, square shafts can penetrate into denser soils (higher Standard Penetration Test "N" values) than round pipe sections. This is especially true in dense sands and gravel.

Square shafts are generally the best choice for new and existing construction unless;

1. Significant lateral (shear) loads are expected. (i.e. bending stresses which exceed the shaft's allowable yield stress or lateral loads, which exceed the pile/soil capacity.) See Section 10.

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Helical Foundations Systems Engineering Manual
Issued: April 1, 2010
Supercedes: June 1, 2008

MacLean Dixie HFS
Building Solid Foundations

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BUILDING SECTIONS

A4.02

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201 N Main Street Retail

Project Narrative

The historic building at 201 North Main Street in Hudson, Ohio was built in 1840 and has served many functions over the years ranging from a family dwelling to most recently a dental office. With each use, the building was augmented to serve the needs of the previous owners. We are proposing to renovate and restore the building to existing historic footprint and create a new retail space with ADA accessibility.

A historic analysis was performed by Dr. Elwin Robison and he determined that the original building only consisted of the two story portion. Everything else surrounding the structure was added at later points in time. A structural analysis of the building determined that the foundation walls are unstable and termites have left first floor framing in unusable condition.

We are proposing to remove all non-historic portions of the building including the single story "ell" and later additions on the rear. The historic two-story building will be stabilized and lifted off the foundations to allow for new foundation and first floor deck. Upon completion, the historic two-story building will be lifted and reinstalled on the new foundation. Prior to lifting the building, the exact location of the building foundation will be field measured for reinstallation accuracy.

After the building is reinstalled in its original location, the single story "ell" located on the North of the building will be rebuilt to match the existing conditions on the west façade. Although this addition was added later to the historic building, we feel that this part of the facade is integral to the historic fabric of North Main Street.

The existing exterior siding will be removed on the entirety of the building and be replaced with new wood (western red cedar) siding, trim, and corner boards that match the historic siding exposure and dimensions. The existing windows and shutters are also to be replaced with wood frames with 6 over 6, double hung windows that match the existing openings and restore the original style of window. The existing slate roof on the two-story portion of the building is to remain and a new metal standing seam roof over the west porch will be installed. New gutters and downspouts will be half round copper to match the existing.

A new accessible entry and sitting area will be installed on the east side. The first floor will be renovated into a new retail space with an accessible restroom. The second floor will provide an office space. A small patio will be created on the east side of the building and the existing parking lot will be repaved and restriped.

Material Specifications

UNA-CLAD™ Metal Roofing Systems

VERSATILE • SUSTAINABLE • BEAUTIFUL

Firestone BUILDING PRODUCTS

NOBODY COVERS YOU BETTER.™

UNA-CLAD™ METAL ROOFING SYSTEMS

Since the introduction of UNA-CLAD Metal Roofing Systems more than 30 years ago, they have become one of the leading architectural metal roofing products in the construction industry. Firestone Building Products systems are recognized the world over for their outstanding construction and innovative design.

UNA-CLAD offers a variety of sustainable, reliable and environmentally-friendly roofing system options. UNA-CLAD allows for maximum design freedom with a wide range of materials, widths and finishes.

To further protect your investment, install the roofing system over our innovative new CLAD-GARD™ roofing underlayment. This easy-to-handle skid-resistant material is the ideal moisture barrier to protect your roofing investment from corrosion and other environmental concerns.

And once your roof is installed, the unparalleled Red Shield® Warranty assures that your roof will provide outstanding performance for decades to come.

Thank you for your interest in Firestone Building Products UNA-CLAD roofing systems. For detailed information about anything covered in this brochure, please contact your local Firestone Representative or visit www.firestonebpco.com.

UNA-CLAD™ METAL ROOFING SYSTEMS OVERVIEW

RED SHIELD™ WARRANTY SYSTEMS
Durable metal roofing systems that allow maximum versatility with the extra assurance of the Firestone Red Shield Warranty—the strongest protection available today.
· UC-3 · UC-4 · UC-6 · UC-14

ARCHITECTURAL SYSTEMS
Allow maximum design freedom to create roofs with distinct lines, radii and features while providing outstanding wind-load performance and aesthetics.
· UC-7

SOFFIT SYSTEMS
Superior versatility, security and weatherability in systems that allow great installation flexibility, including either vertical or horizontal applications.
· UC-500 · UC-501 · UC-750

PROFILED PANEL SYSTEMS
Strong, economical and low profile panels designed for a variety of Profiled Panel Systems, environments and applications.
· UR-PRO OMEGA · 5V-CRIMP
· HR-ULTRA OMEGA · UC-600
· VR-CLASSIC OMEGA · UC-601

RED SHIELD™ WARRANTY SYSTEMS

RED SHIELD STANDING SEAM ROOFING SYSTEMS COMPRISE A SYSTEM OF INTERLOCKING METAL PANELS THAT GENERALLY RUN VERTICALLY FROM THE ROOF RIDGE TO THE EAVES. THE SEAM WHERE THE TWO PANELS JOIN TOGETHER IS RAISED ABOVE THE SURFACE OF THE PANEL, THEREBY GIVING THE PRODUCT ITS NAME.

THESE METAL ROOFS FREELY EXPAND AND CONTRACT WITH THE WEATHER WITHOUT DAMAGE TO THE SUBSTRATE, PROVIDE EXCEPTIONAL RAIN AND SNOW RUNOFF, PERFORM WELL IN HIGH-WIND ENVIRONMENTS, MINIMIZE OIL-CANNING AND PROVIDE GREAT DESIGN VERSATILITY.

PROTECT YOUR INVESTMENT

ROOFING PANEL PROFILES

To help prevent distortion (called "oil-canning") that can occur on metal roofs, Firestone Building Products offers a variety of stiffening rib profile options. Striations, Flat Ribs and Pencil Ribs are subtly raised sections that run parallel to panel seams and add rigidity and visual interest. Not all profiles are available on all panels, please see each product description for details.

FIRESTONE RED SHIELD WARRANTY

5-20 Years

When we say "Nobody Covers You Better" we mean it. Red Shield Warranties provide industry-leading coverages from 5 to 20 years for most roofing systems, and can even be transferred from owner to owner. No competitor can match our 100 year+ heritage of innovation and customer support. When you have a Firestone roof and Red Shield Warranty over your head, you can be confident of outstanding roofing performance for decades to come.*

* Subject to certain terms and conditions. 25 year warranty coverage may be available with the UC-4 system.

FIRESTONE UNA-CLAD™ RED SHIELD SERIES

Building on proven standing seam technology, Firestone developed the **UNA-CLAD Red Shield Series** to provide designers, architects and building owners with a wide selection of beautiful, durable and functional metal roofs. The Red Shield Series is available in a variety of colors, materials, widths, textures, profiles and seam designs.

UNA-CLAD UC-3
This double-lock standing seam system uses mechanical sealing for a durable, virtually leak proof seal. UC-3 roofs create a traditional look, and allow specified radius profiles to enhance the architect's design.
Standard UC-3 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc.
Available with embossing, striations and ribs (flat and pencil) to minimize oil-canning.

UNA-CLAD UC-4
The patented seam design snap locks securely and fastens to a solid substrate without the use of clips. This provides superior leak resistance and can reduce labor by up to 30%.
Standard UC-4 materials are painted steel; painted and anodized aluminum and architectural grade sheet copper. Available with embossing, striations and ribs (flat and pencil) to minimize oil-canning.

5-20 Years Red Shield Warranty Protection

UNA-CLAD UC-6
This double-lock standing seam system utilizes proven Pittsburg Locking in conjunction with a floating concealed-clip assembly. This design allows for free expansion and contraction, and outstanding wind uplift resistance.
Standard UC-6 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc. Available with embossing, striations and ribs (flat and pencil) to minimize oil-canning.

UNA-CLAD UC-14
The concealed-clip snap-lock seam system eliminates the need for mechanical seaming or separate battens, accommodating very long panels while maintaining free expansion and contraction capability.
Standard UC-14 materials are painted steel; painted and anodized aluminum and architectural grade sheet copper. Available with embossing, striations and ribs (flat and pencil) to minimize oil-canning.

ARCHITECTURAL METAL ROOFING

BATTENS ARE DISTINCTIVE ARCHITECTURAL FEATURES. PANEL SYSTEMS WITH BATTENS OR CAPS ALLOW FOR THE PANELS TO BE INSTALLED IN NON-SEQUENTIAL ORDER, THUS ACCOMMODATING COMPLEX ROOF DESIGNS. THESE PANELS CAN BE COUNTED ON TO ALLOW FREE EXPANSION AND CONTRACTION IN CHANGING WEATHER CONDITIONS, AS WELL AS PROVIDE EXCEPTIONAL RAIN/SNOW RUNOFF AND GOOD WIND UPLIFT PERFORMANCE.

THESE PANELS AND BATTENS ARE ROLL-FORMED AND PROCESSED WITH STATE-OF-THE-ART TECHNOLOGY TO ENSURE UNPARALLELED QUALITY AND SERVICE FROM COIL TO FINISHED PRODUCT.

FIRESTONE UNA-CLAD™ ARCHITECTURAL SERIES

Firestone developed the **UNA-CLAD Architectural Series** to allow designers, architects and building owners to utilize the unique profile a batten roof delivers. In addition to their beautiful appearance, these metal roofing systems are reliable and durable. The Architectural Series is available in a variety of colors, batten widths, materials and panel widths.

UC-7 SNAP-ON ARCHITECTURAL SERIES

This concealed clip fastening system is capped with a narrow, low-profile snap-on batten that provides a thin-line appearance while providing the designer freedom to specify radius or high profile features. UC-7 delivers good thermal movement.

Standard UC-7 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc. Available in heavier gauges, narrower widths, embossing and ribs (flat and pencil) to minimize oil-canning.

METAL SOFFIT SYSTEMS

SOFFITS SERVE MANY PURPOSES IN COMMERCIAL ARCHITECTURE, INCLUDING WEATHER-SHELTERING OVERHANGS, BUILDING VENTILATION PORTS, CONVENIENT CONCEALMENT SECTIONS FOR HVAC OR ELECTRICAL SYSTEMS AND OTHER APPLICATIONS. THE RIGHT SOFFIT AND FASCIA TREATMENT CAN PROVIDE A FINISHED LOOK TO THE STRUCTURE, AS WELL AS AID WATER RUNOFF, BUILDING VENTILATION AND COOLING.

METAL SOFFIT SYSTEMS PROVIDE A STRONG, DURABLE AND RELIABLE MATERIAL THAT ENHANCES THE LONGEVITY OF THE SOFFIT AND CREATES AN AESTHETICALLY-PLEASING APPEARANCE.

FIRESTONE UNA-CLAD™ METAL SOFFIT SYSTEMS

Designers, architects and building owners can create a comprehensive, finished look to their buildings with Firestone **UNA-CLAD Metal Soffit Systems.** The wide selection of metal soffit and fascia products allows for an uninterrupted and consistent appearance. The Metal Soffit Systems are available in a variety of colors, materials, widths, textures, profiles and seam designs to visually integrate with Firestone metal roofing products.

PROFILED ME

FOR CENTURIES, LARGE STRUCTURES SUCH AS CATHEDRALS HAVE RELIED ON THE INHERENT DURABILITY OF METAL ROOFING. IN MODERN USAGE, CORRUGATED METAL ROOFING PANELS HAVE TWICE THE AVERAGE LIFESPAN OF ASPHALT ROOFING, AND PROVIDE EXCEPTIONAL RAIN AND SNOW SHEDDING ABILITIES.

DESIRABLE BECAUSE OF THEIR DESIGN VERSATILITY, LOW MAINTENANCE REQUIREMENTS AND HIGH STRENGTH-TO-WEIGHT RATIO, ARCHITECTS, DESIGNERS AND BUILDING OWNERS ARE TURNING TO METAL ROOFS FOR NEW CONSTRUCTION AND RENOVATION.

UC-500 FLUSH PANEL

This interlocking, concealed fastening metal panel system is engineered for both soffit and fascia applications. UC-500 delivers a flat or flush look that provides a neat, finished appearance.

Standard UC-500 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc. Available in heavier gauges, narrower widths, embossing and pencil ribs to minimize oil-canning. Venting available for soffit applications.

UC-501 REVEAL FLUSH PANEL

Similar in characteristics to UC-500, the Reveal Flush Panel system creates a flat appearance with a bold channels (reveals) that provide visual interest to the soffit.

Standard UC-501 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc. Available in heavier gauges, narrower widths, embossing and pencil ribs to minimize oil-canning. Venting available for soffit applications.

UC-750 V-GROOVE SOFFIT PANEL

This interlocking architectural aluminum panel is engineered specifically for soffit applications. UC-750 utilizes a concealed fastening system with interlocking leg. Subtle V-grooves run the length of the panel providing a clean, traditional appearance.

Standard UC-750 material is painted and anodized aluminum. Full- or half-vent options available.

FIRESTONE UNA-CLAD™ PROFILED PANEL SERIES

To answer the need for a durable and economical metal roofing solution, Firestone created the **UNA-CLAD Profiled Panel Series.** Commercial-grade metal roof and wall panels provide a traditional metal panel appearance with bold recurring or successive ribs. Architects, designers and building owners can choose from a variety of materials and rib patterns to best accentuate their structure.

TAL ROOFING

OMEGA SERIES UR-PRO OMEGA, HR-ULTRA OMEGA, VR-CLASSIC OMEGA

The Omega Series is factory-formed corrugated metal roofing with exposed mechanical fasteners. Panels have overlapping seams with bold ribs for an appealing accent to any architectural design. Can be installed in non-sequential patterns. Each Omega Series product has identical physical characteristics but with a unique rib pattern to provide greater design versatility.

Standard Omega Series materials are painted steel; painted aluminum and architectural grade sheet copper.Omega Series panels are suitable for wall cladding.

5-V-CRIMP PROFILED PANELS

Like Omega Series panels, 5-V-Crimp panels are factory-formed corrugated metal roofing with exposed mechanical fasteners. Panels have overlapping seams with V-shaped ribs to add a unique "old world" styling to your roof profile.

Standard 5-V-Crimp materials are painted steel; painted aluminum and architectural grade sheet copper. 5-V-Crimp panels are suitable for wall cladding.

UC-600 & UC-601 CORRUGATED PANELS

Like Omega Series panels, UC-600 and UC-601 panels are factory-formed corrugated metal roofing with exposed mechanical fasteners. Panels have overlapping seams with gently undulating striations to give you the option of a softer roof profile.

Standard UC-600 materials are painted steel; painted aluminum; architectural grade sheet copper and zinc. Standard UC-601 materials are painted steel and zinc. UC-600/UC-601 panels are suitable for wall cladding.

CLAD-GARD™ ROOFING UNDERLAYMENT

CLAD-GARD Roofing Underlayment is easy to install and provides the ideal moisture barrier between the roof deck and the adjacent metal roofing system. It features a skid-resistant surface; is watertight around fasteners such as nails or other anchors; offers great high-temperature resistance; and is unaffected by water so it can be left exposed for up to 3 months before applying the metal roofing system.

CLAD-GARD SA Underlayment

Self-adhered underlayment for quick, simple installation.

- Premium non-reinforced product that minimizes wrinkling
- Available in a convenient 2-square roll 3' x 67' (.09 m x 20 m)
- Heavy-duty adhesive is protected by a split-release plastic liner, which is easily removed for quick installation and placement of the underlayment
- Two available formulations: CLAD-GARD SA-S (heat resistant up to 250°F [121°C]) and CLAD-GARD SA-N (heat resistant up to 230°F [110°C])

CLAD-GARD R Underlayment

Self-adhered underlayment at an economical price.

- Split-release backer for easy installation
- Comes unboxed which means less waste on the jobsite.
- Available in a 2-square roll (3' x 66.7') (.09 m x 20 m).
- Can be applied directly to Firestone HailGard® Composite, OSB and plywood substrates.
- Eligible for up to a 20-year Red Shield® Warranty

CLAD-GARD MA Underlayment

Mechanically-attached choice for reliable results.

- Available in 10-square rolls that are 4' (1.2 m) wide for more square feet per roll and fewer seams
- Lighter than roofing felt at only 31 lb (14 kg) per roll
- Lays flat and stays wrinkle-free, meaning fewer nails are needed to fasten compared to felt underlayment
- Heat resistant up to 230°F (110°C) without degradation of the material
- Heat resistant up to 230°F (110°C) without degradation of the material

A VALUABLE ADDITION TO A SUSTAINABLE BUILDING PROJECT.

COLOR SELECTION GUIDE

STONE WHITE	BONE WHITE	ALMOND	SANDSTONE
SLATE GRAY	CITYSCAPE	CHARCOAL GRAY	SIERRA TAN
MEDIUM BRONZE	DARK BRONZE	EXTRA DARK BRONZE	MATTE BLACK
BRANDYWINE	COLONIAL RED	TERRA COTTA	MANSARD BROWN
REGAL RED	AWARD BLUE	SKY BLUE	ELECTRIC BLUE
REGAL BLUE	TEAL	PATINA GREEN	DARK IVY
SHERWOOD GREEN	HARTFORD GREEN	HEMLOCK GREEN	TROPICAL PATINA
SILVER METALLIC	CLASSIC COPPER	CHAMPAGNE METALLIC	

Colors shown are as close to actual colors as allowed by the printing process. Your local sales rep can provide actual metal samples and answer questions about custom colors and other special requests.

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Material Specifications

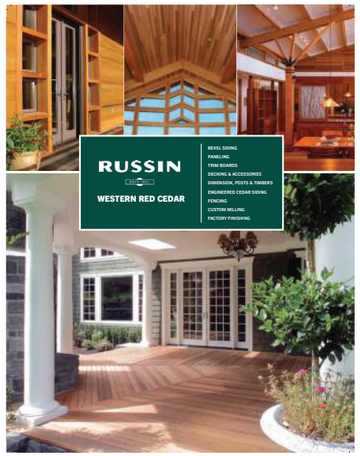

TABLE 1. Shrinkage of Western Red Cedar

Direction of Shrinkage	Shrinkage in Percentage					
	From green (25% or greater moisture content) to:			From kiln dried (15% average moisture content) to:		
	15%	12%	6%	15%	12%	6%
Radial	0.96	1.2	1.8	0	0.3	1.0
Tangential	2.0	2.6	3.8	0	0.7	2.1

Notes:

1. Radial shrinkage applies to the width of vertical grain lumber; tangential to the width of flat grain lumber.
2. Shrinkage does not begin until the fiber saturation point is reached.
3. 15% is the average equilibrium moisture content of wood during the summer in the Pacific Northwest.
4. 12% is the average equilibrium moisture content in most areas of the US.
5. 6% is the average equilibrium moisture content for interiors of heated buildings.

TABLE 2. Base design values for use in the USA for Western Red Cedar. Visually graded (WCLIB, WWPA) 2-4 in. thick x 2 in. & wider.

Grade	Extreme Fiber Stress in bending Fb	Tension Parallel Parallel to Grain Ft	Horizontal Shear Fv	Compression Perpendicular to Grain Fc	Parallel to Grain Fc	Modulus of Elasticity (million psi) E
Select Structural No. 1/No. 2 No. 3	1,000 725/700 400	600 425/425 250	155 155 155	425 425 425	1,000 825/650 375	1.1 1.0/1.0 0.9
Construction Standard Utility	800 450 225	475 275 125	155 155 155	425 425 425	850 650 425	1.0 0.9 0.8
Stud	550	325	155	425	400	0.9

TABLE 3. Sizes of rough Western Red Cedar

Thickness (in.)	1	1-3/4	2	3	4	6	8	10	12	14
Width (in.)	2	4	6	8	10	12	14			

TABLE 4. Comparative Softwood Densities (pcf)

Species	Oven-Dry Density
Western Red Cedar	21
Douglas Fir	31
Ponderosa Pine	27
Southern Pine	34

TABLE 5. Size differential between unseasoned & dry lumber

Nominal Dimension (in.)	Size Differential Between Unseasoned and Dry Lumber After Surfacing (in.)
1-1/2 or less	1/32
2 to 4	1/16
5 to 7	1/8
8 or more	¼

TABLE 6. Wet Use Factors (CM) for tabulated design values

The recommended design values are for applications where the moisture content of the wood does not exceed 19%. For use conditions where the moisture content of dimension lumber will exceed 19%, the Wet Use Adjustment Factors below are recommended.

Property	Adjustment Factor
Fb Extreme Fiber Stress in Bending	0.85*
Ft Tension Parallel to Grain	1.0
Fc Compression Parallel to Grain	0.8**
Fv Horizontal Shear	0.97
Fc Compression Perpendicular to Grain	0.67
E Modulus of Elasticity	0.9

** Bending Wet Use Factor = 1.0 when Fb x CF (Base Value x Size Factor) does not exceed 1,150 psi.*

*** Compression Parallel Wet Use Factor = 1.0 where Fc x CF (Base Value x Size Factor does not exceed 750 psi.*

IJsselstein Train Station, Netherlands

Architect:
Hans Goverde - Kraaijvanger Urbis

Selected for its beauty, performance and sustainability, Western Red Cedar is featured as cladding on this high profile commercial project in the Netherlands. It beautifully complements the modern design and offers a warm contrast to the "coolness" of the glass, steel and concrete. ✦

TABLE 7. Western Red Cedar Products

Product	Thickness in. (nominal)	Width in. (nominal)	Grade	Grading Rule Paragraph		
				NLGA	WWPA	WCLIB
Bevel Siding Clear	1/2, 3/4	4, 6, 8, 10	Clear V.G. Heart A Rustic B C Proprietary	201a 201b 201c 201d N/A	21.11 21.12 21.13 21.14 N/A	106-aa 106-a 106-b 106-c N/A
Knotty	5/8, 11/16, 3/4, 7/8	6, 8, 10, 12	Select Knotty Quality Knotty Proprietary	205a 205b N/A	N/A N/A N/A	111-a 111-f N/A
Knotty-Rabbetted	3/4, 5/4	6, 8, 10	Select Knotty Quality Knotty	205a 205b	N/A N/A	111-a 111-f
Knotty-Wavy Edged	7/8	10, 12	Select Knotty Quality Knotty	205a 205b	N/A N/A	111-a 111-f
Pattern Siding Clear	1	4, 6, 8	Clear Heart A B	200a 200b 200c	20.11 20.12 20.13	102-b 102-c 102-d
Knotty	1	4, 6, 8	Select Knotty Quality Knotty Standard and Better Proprietary	204a 204b, h, i N/A	N/A N/A, h, i N/A	111-a 111-f 119-a, b, c N/A
Clear Finish	1, 5/4, 2	2, 3, 4, 6, 8, 10, 12	Clear Heart A B	200a 200b 200c	20.11 20.12 20.13	102-b 102-c 102-d
Boards	1	2, 3, 4, 6, 8, 10, 12	Select Knotty Quality Knotty Standard and Better	204a 204b 114-a, b, c	N/A N/A N/A	111-a 111-f 119-a, b, c
Fence Boards	1	6, 8, 10	Select Knotty Quality Knotty Rustic	210a 210b N/A	N/A N/A N/A	117-a 117-b 117-c
Roof Decking	2, 3, 4	6, 8	Select Commercial	127a 127c	56.11 56.12	123-b 127-c
Outdoor Decking Clear	5/4, 2	4, 6	Architect Clear Architect Knotty	N/A N/A	N/A N/A	N/A N/A
Knotty	5/4, 2	4, 6	Architect Knotty Custom Knotty	N/A N/A	N/A N/A	N/A N/A
Paneling Clear	1	4, 6, 8	Clear Heart A B	200a 200b 200c	20.11 20.12 20.13	102-b 102-c 102-d
Paneling Knotty	1	4, 6, 8	Select Knotty Quality Knotty	204a 204b	N/A N/A	111-a 111-f
Joists & Planks	2, 3, 4 2, 3, 4	2, 3, 4 6, 8, 10, 12	Appearance Standard and Better Structural No. 2 and Better	N/A 122-b, c 123-a 134-a, b, c	N/A 40.11, 40.12 41.11 62.10, 62.11, 62.12	N/A 123-b, c 124-a 123-a, b, c
Timbers	5, 6, 8, 10, 12	5, 6, 8, 10 12 and wider	Appearance Standard and Better	N/A 131-a, b, c	N/A 80.10, 80.11, 80.12	N/A 131-a, b, c
Beams & Stringers	5, 6, 8, 10, 12	5, 6, 8, 10, 12	No. 2 and Better Dense No. 2 and greater than thickness	130-a, b, cc	70.10, 70.11, 70.12	130-a, b, cc

Lake Washington Residence, USA

Architect:
The Miller Hull Partnership

This 4000 sf residence and carport is located on a steep wooded site on Lake Washington. Entered from above via a bridge, this residence transitions between a steep forest and open sweeping views of Lake Washington. The architect left the flora intact, where possible, and site the two volumes among mature cedars, firs, maples and ferns. The structure is clad in clear Western Red Cedar which carries through to the interior ceiling. Edges are trimmed in contrasting aluminum. ✦

TABLE 8. Flat Use Factors (Cfu)

The recommended design values are for applications where the moisture content of the wood does not exceed 19%. For use conditions where the moisture content of dimension lumber will exceed 19%, the Wet Use Adjustment Factors below are recommended.

Nominal Width (in.)	Nominal Thickness (in.)	
	Less than 4	4
Less than 4	1.00	—
4	1.10	1.00
5	1.10	1.05
6	1.15	1.05
8	1.15	1.05
10 & wider	1.20	1.10

Note:

These factors apply to all dimension lumber except torque and groove decking grades. For T&G decking, the following adjustments may be used.

TABLE 9. Repetitive Member Factor (Cr)

Applies to Tabulated Design Values for Extreme Fiber Stress in Bending when members are used as joists, truss chords, rafters, studs, plank, decking or similar members which are in contact or spaced not more than 24, on centers, are not less than 3 in number and are joined by floor, roof or other load distributing elements adequate to support the design load.

1.5

TABLE 10. Coverage of Western Red Cedar Siding

To obtain the coverage of a specified width of siding from Table 7, perform the following calculations:

1. Calculate total wall area (length x height).
2. Subtract square footage of openings (windows, doors) to determine wall area for siding.
3. Add 10% for trim loss.
4. Multiply figure by the appropriate factor from the table for linear or board feet.

Example:

1. Length x height = 160 square feet
2. Door, Window, Area for siding = 20 square feet + 20 square feet + 120 square feet
3. Add 10% for trim loss = 120 + 12 = 132 square feet
4. Assuming 6 in. siding: 132 x 2.67 = 357.4 linear feet; 132 x 1.33 = 175.6 board feet

Siding Type	Nominal Width (in.)	Dressed Width (in.)	Exposed Face Width (in.)	Linear Feet Factor	Board Feet Factor
Bevel Siding1	4 6 8 10 12	3-1/2 5-1/2 7-1/2 9-1/2 11-1/2	3-1/2 4-1/2 6-1/2 8-1/2 10-1/2	4.80 2.67 1.85 1.44 1.14	1.60 1.33 1.23 1.20 1.14
Tongue and Groove Siding	4 6 8	3-3/8 5-3/8 7-1/8	3 5 6-3/4	4.00 2.40 1.77	1.33 1.20 1.19
Channel Siding	6 8 10	5-1/2 7-3/8 9-3/8	4-3/4 6-5/8 8-5/8	2.53 1.81 1.39	1.27 1.21 1.16
Board-and-Batten Siding	2 4 6 8 10 12	1-9/16 3-9/16 5-9/16 7-3/8 9-3/8 11-3/8	varies with width of board	see footnote 2	

TABLE 11. Design values for use in the USA for visu ally graded (WCLIB, WWPA). Western Red Cedar timbers (5 x 5 and larger)

Size Grade	Classification	Design values in pounds per square inch (psi)				
		Extreme Fiber Stress in Bending Fb	Tension Parallel to Grain Ft	Shear Parallel to Grain Fv	Compression Perpendicular to Grain Fc	Compression Parallel to Grain Fc	Modulus of Elasticity E
Select Structural	Beams and Stringers	1,150	675	140	405	875	1,000,000
No. 1		975	475	140	405	725	1,000,000
No. 2		625	325	140	405	475	800,000
Select Structural	Posts and Timber	1,100	725	140	405	925	1,000,000
No. 1		875	600	140	405	800	1,000,000
No. 2		550	350	140	405	550	800,000

TABLE 12. Duration of Load Adjustment (CD) for tabulated design values

Load Duration	Factor
Permanent	0.9
Ten Years (Normal Load)	1.0
Two Months (Snow Load)	1.15
Seven Days	1.25
Ten Minutes (Wind, Earthquake)	1.6
Impact	2.0

Confirm load requirements with local codes. Refer to Model Building Codes or the National Design Specification for high temperature or fire-retardant treated adjustment factors.

TABLE 13. Adjustments for compression perpendicular to grain to deformation basis of 0.02

Design values for compression perpendicular to grain are established in accordance with the procedures set forth in ASTM D 2555 and D 245. ASTM procedures consider deformation under bearing loads as a serviceability limit state comparable to bending deflection because bearing loads rarely cause structural failures. Therefore, ASTM procedures for determining compression perpendicular to grain values are based on a deformation of 0.04, and are considered adequate for most classes of structures. Where more stringent measures need be taken in design, the following formula permits the designer to adjust design values to a more conservative deformation basis of 0.02.,

Y02 = 0.72Y04 + 5.60

The Mint, Australia

Architect:
Francis-Jones Morehen Thorp

Western Red Cedar was chosen for the new head office of the historic houses trust of New South Wales, Australia for its appearance, durability and color. It simultaneously compliments and contrasts the sandstone of the existing building. Cedar was used for interior and exterior cladding and to form the dynamic louvred screen. ✦

TABLE 14. Sizes of Dressed Western Red Cedar Lumber

Item	Thickness (in.)			Width (in.)		
		Actual		Actual		
	Nominal	Dry	Green	Nominal	Dry	Green
Boards	1 1-1/4	11/16 1	3/4 1-1/32	2 3 4 6 8 10 12	1-1/2 2-1/2 3-1/2 5-1/2 7-1/4 9-1/4 11-1/4	1-9/16 2-9/16 3-9/16 5-9/16 7-3/8 9-3/8 11-3/8
Garden Lumber	2 3 4	1-1/2 2-1/2 3-1/2	1-9/16 2-9/16 3-9/16	2 3 4 6 8 10 12	1-1/2 2-1/2 3-1/2 5-1/2 7-1/4 9-1/4 11-1/4	1-9/16 2-9/16 3-9/16 5-9/16 7-3/8 9-3/8 11-3/8
Timbers*	5 6 8		4-1/2 5-1/2 7-1/2	5 6 8		4-1/2 5-1/2 7-1/2

TABLE 15. Size Factors (CF) for tabulated design values

Grades	Nominal Width (depth) (in.)	Fb 2 inch thick less than 4 in. thick	Fb 4 in. thick nominal	Ft	Fc	Other Properties
Select Structural No. 1 No. 2 & No. 3 14 & wider	4 & less 6 8 10 12 0.9	1.5 1.4 1.3 1.2 1.1 1.0	1.5 1.4 1.3 1.2 1.1 1.0	1.5 1.4 1.3 1.2 1.1 1.0 0.9	1.15 1.1 1.1 1.05 1.0 1.0 0.9	1.0 1.0 1.0 1.0 1.0 1.0 1.0
Construction & Standard	4 & less	1.0	1.0	1.0	1.0	1.0
Utility	4	1.0	1.0	1.0	1.0	1.0
Stud*	4 & less 5 & 6	1.1 1.0	1.1 1.0	1.1 1.0	1.05 1.0	1.0 1.0
MSR and plant machine rated, All grades & sizes	1.0	1.0		1.0	1.0	1.0

TABLE 16. Horizontal Shear Adjustment for tabulated design values (CH)

All horizontal shear base values are established as if a piece were split full length and as such the values are reduced from those permitted to be assigned in accordance with ASTM standards. This reduction is made to compensate for any degree of shake, check or split that might develop in a piece.

2 in. Thick (Nom.) Lumber	3 in. and Thicker (Nom.) Lumber
For convenience, the table below may be used to determine horizontal shear values for any grade of 2" thick lumber in any species when the length of split or check is known:	Horizontal shear values for 3" and thicker lumber also are established as if a piece were split full length. When specific lengths of splits are known and any increase in them is not anticipated, the following adjustments may be applied.

When length of split on wide face does not exceed	Multiply tabulated Fv value by	When length of split on wide face does not exceed	Multiply tabulated Fv value by
No split	2.00	No split	2.00
1/2 x wide face	1.67	1/2 x narrow face	1.67
3/4 x wide face	1.50		
1 x wide face 1-1/2 x wide face or more	1.33 1.00	1 x narrow face 1-1/2 x narrow face or more	1.33 1.00

Yale Sculpture Gallery

Architect:
Kvaran/Timberlake

The Yale Sculpture Gallery sits at the end of a row of two-story 19th century houses. Scaled to fit this streetscape, the gallery is a taut wood box with side walls that subtly bow out. The warm Western Red Cedar cladding contrasts with the glass walls of the adjacent studio building and the cement cladding of the parking structure. The entrance is set within a recessed glass enclosure along the north end of the gallery, where an open screen of spaced cedar slats is suspended vertikal from the roof plate. The gallery's exterior wall is a ventilated wood rain screen. Strips of glass at open corners and the clerestory admit daylight. The cedar cladding pulls back at the corners to reveal narrow slit windows, while bands of horizontal metal wrap the walls at intervals, forming a visual strapping to hold the wall planes together. ✦

Material Specifications

insite. Building Design. Streamlined.

DECEMBER 2019

JamesHardie

HardiePlank® Lap Siding — Submittal Form 01

Submitted to:

Project Name:

Submitted by:

Date:

HZ5® Product Zone HZ10® Product Zone

Product Width: 5-1/4in 6-1/4in 7-1/4in 8in 8-1/4in 9-1/4in 12in

Product Finish: Primed ColorPlus® Technology

Product Texture: Smooth Select Cedarmill® Colonial Roughsawn® Colonial Smooth® Rustic Cedar

HardiePlank® Lap Siding — Specification Sheet 01

DIVISION: 07 00 00 THERMAL AND MOISTURE PROTECTION SECTION: 07 46 46 FIBRE CEMENT SIDING

HARDIEPLANK® LAP SIDING

Manufacturer

James Hardie Building Products, Inc

The products are manufactured at the following locations, with quality control inspections by ICC-ES:

- Cleburne, Texas
- Plant City, Florida
- Reno, Nevada
- Waxahachie, Texas
- Peru, Illinois
- Pulaski, Virginia
- Tacoma, Washington
- Fontana, California

Compliance with the following codes

- 2012, 2009 and 2006 International Building Code® (IBC)
- 2012, 2009 and 2006 International Residential Code® (IRC)

Features

- Noncombustible
- Dimensionally Stable
- Resists damage from pests
- Weather Resistant-Engineered for Climate®
- Impact resistant
- Sustainable

Use

James Hardie fiber-cement lap siding is used as exterior wall covering. The product complies with IBC Section 1404.10 and IRC Section R703.10. The product may be used on exterior walls of buildings of Type I, II, III and IV construction (IBC)

Description

HardiePlank lap siding is a single-faced, cellulose fiber-reinforced cement (fiber-cement) product. HardiePlank lap siding complies with ASTM C1186, as Grade II, Type A, has a flame-spread index of 0 and a smoke-developed index of 5 when tested in accordance with ASTM E84, and is classified as noncombustible when tested in accordance with ASTM E136.

Available Sizes

Product	Width (in)	Length	Thickness (in)
HardiePlank lap siding*	5-1/4, 6-1/4, 7-1/4, 8, 8-1/4, 9-1/4, 12	12 feet	5/16

*HZ5: 9-1/4, 12 only available primed HZ10: 5-1/4, 9-1/4, 12 only available primed

Texture & Finish

HardiePlank lap siding comes in a variety of textures and finishes. The product is available in smooth or wood grain texture. Additional textures are available on a regional basis. Finish options are primed for field paint, or factory finished with ColorPlus® Technology. Color availability varies by region.

Engineered for Climate®

HardiePlank lap siding is engineered for performance to specific weather conditions by climate zones as identified by the following map.

Putty Gloss Exterior with Clear Varnish* 0.55 L*/60 at 0°

Putty Gloss Exterior with Clear Varnish* 0.55 L*/60 at 0°

Dyne Exterior with Clear Varnish* 0.55 L*/60 at 0°

The JH Insite Team James Hardie Building Products www.jhinsite.com P1

SPECIFICATION SHEET 01 DECEMBER 2019

Performance Properties

	General Property	Test Method	Unit or Characteristic	Requirement	Result
PHYSICAL ATTRIBUTES	Dimensional Tolerances	ASTM C1185	Length Width Thickness Squareness Edge Straightness	± 0.5% or ± 1/4 in ± 0.5% or ± 1/4 in ± 0.04 in Δ in diagonals ≤ 1.52 in/ft of sheet length. Opposite sheet sides shall not vary in length by more than 1.52 in/ft. ≤ 1.52 in/ft of length.	Pass
	Density, lb/ft³	ASTM C1185		As reported	83
	Water Absorption, % by mass	ASTM C1185		As reported	36
	Water Tightness	ASTM C1185	Physical Observations	No drop formation	Pass
	Flexural Strength	ASTM C1185	Wet conditioned, psi Equilibrium conditioned, psi	>1015 psi >1450 psi	Pass
THERMAL	Thermal Conductivity Actual Thermal Conductivity Thermal Resistance Actual Thermal Resistance	ASTM C177	(BTU/hr·ft²)/°F/inch (K_a) Rv1/K_a (R)	As reported	2.07 6.62 0.48 0.15
DURABILITY	Warm Water Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Heat/Rain Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Freeze/Thaw Resistance	ASTM C1185	Physical Observations Mass Loss, % Freeze/Thaw, % strength retention	No visible cracks or structural alteration ≤ 3.0% ≥ 80%	Pass
	UV Accelerated Weathering Test	ASTM G23	Physical Observations	No cracking, checking, or crazing.	Pass
FIRE CHARACTERISTICS	Surface Burning Characteristics	ASTM E84	Flame Spread Index (FSI) Smoke Developed Index (SDI) Fuel Contributed		0 ≤ 5 0
	Noncombustibility Fire Resistance Rated Construction	ASTM E136 ASTM E119	NFPA Class Uniform Building Code Class International Building Code® class Noncombustible Fire Resistance Rating	As reported Pass/fail 1-hour	A 1 A Pass Note 1

Note 1: listed on Warnock Hersey and ESR 2290

Installation

Install HardiePlank lap siding in accordance with

- HardiePlank lap siding installation instructions
- ICC-ES ESR 2290
- Requirements of authorities having jurisdiction

Warranty

HardiePlank lap siding: 30-year, Non-Prorated, Limited Warranty
ColorPlus Technology: 15-year Limited Finish Warranty

Sustainable Design Contribution

- Regionally sourced content - varies by project location
- Avoidance of certain chemicals or Red List Compliance

Detailed product information for LEED projects, or other state or regional sustainability programs is available through James Hardie Technical Services.

Storage and Handling

Store flat and keep dry and covered prior to installation.

Technical Services

Contact James Hardie Technical Services online at JamesHardie.com, or by phone at (800)426-4051

P2

JamesHardie

Additional Installation Information, Warranties, and Warning are available at JamesHardie.com

1 866 442 7343 | www.jameshardie.com

IMPORTANT: Failure to install and finish this product in accordance with applicable building codes and James Hardie written application instructions may affect system performance, violate local building codes, void the product's only warranty and lead to personal injury.

DESIGN ADVICE: Any information or assistance provided by James Hardie in relation to specific projects must be approved by the relevant specialists engaged for the project eg. builder, architect or engineer. James Hardie will not be responsible in connection with any such information or assistance.

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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

- **Historical details**
  Our most historically authentic line of wood windows and patio doors. Featuring through-sille construction, deliberate proportions and intricate profiles. Pella Reserve – Traditional products are the ideal choice for historical renovations and traditional building projects.
- **Authentic hardware**
  Complement your project with historically authentic spoon-lock window hardware. Our Antiek 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 putty profile, recreated 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, drafters and consultants can work to deliver custom window and door solutions for your project. Partner with Pella to achieve your unique vision and experience it.
- **Intentional innovation**
  Winner of the 2019 Most Innovative Window from Window and Door Magazine, the Pella® Reserve™ Collection' 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 jobsite, 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 wood products offer energy efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states.
- **Testing 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.*†

Available in these window and patio door styles:

Special shape windows also available.

See back cover for disclosures.

Product Specifications

Window & Patio Door Styles	Min. Width	Min. Height	Max. Width	Max. Height	Performance Class & Grade	Performance Values U-Factor	SHGC	STC	Frame / Install
Awning	13-9/16"	13-9/16"	59"	35"	LC40-CW50	0.25-0.29	0.18-0.47	27-31	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Awning	17"	17"	53"	29"	R45-CW50	0.28-0.32	0.18-0.47	27-30	Pocket Replacement
Casement	13-9/16"	13-9/16"	40"	158"	R35-CW50	0.25-0.29	0.18-0.47	27-34	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Casement	17"	17"	20"	73"	R35-CW50	0.28-0.33	0.18-0.47	27-30	Pocket Replacement
Fixed Casement	10"	10"	144"	144"	R35-CW50	0.25-0.29	0.18-0.47	27-31	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Fixed Casement	17"	17"	59"	73"	R45-CW50	0.28-0.33	0.18-0.47	27-30	Pocket Replacement
Double-Hung	14"	24-1/2"	48"	76"	CW30-CW50	0.25-0.35	0.19-0.53	28-31	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Double-Hung	13-5/16"	23-1/8"	49"	84"	CW40-CW50	0.25-0.31	0.19-0.53	24-30	Pocket Replacement
Monumental Hung	13-9/16"	24"	72"	144"	LC25-CW50	0.25-0.30	0.17-0.47	27-34	
In-Swing Hinged Patio Door (Single)	18"	35"	48"	119-5/8"	LC40-LC55	0.25-0.29	0.14-0.46	31-35	
In-Swing Hinged Patio Door (Double)	36"	35"	96"	119-5/8"	LC40-LC55	0.25-0.29	0.14-0.46	31-35	
Out-Swing Hinged Patio Door (Single)	18"	35"	48"	119-5/8"	R50-LC70	0.25-0.30	0.14-0.39	30-34	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Out-Swing Hinged Patio Door (Double)	36"	35"	96"	119-5/8"	R50-LC70	0.25-0.30	0.14-0.39	30-34	
Sliding Patio Door (2),	59-5/8"	79"	60-5/8"	119-5/8"	LC40-LC70	0.29-0.32	0.15-0.62	–	
Sliding Patio Door (2W, XO)	59-5/8"	79"	119-5/8"	119-5/8"	LC35-LC45	0.29-0.32	0.15-0.62	29-35	
Sliding Patio Door (2WO)	95"	79"	180"	119-5/8"	LC30-LC45	0.29-0.33	0.15-0.62	–	
Sliding Patio Door (2WXO)	116-1/6"	79"	236-1/6"	119-5/8"	LC25-LC45	0.29-0.32	0.15-0.62	–	
Multi-Slide Patio Door	40-1/6"	50-1/8"	701-1/6"	119-5/8"	R15-LC20	0.30 - 0.34	0.15 - 0.44	31	For more info visit PellaADM.com
Bifold Patio Door	31-1/6"	55-1/8"	312"	119-5/8"	R15-LC25	0.26-0.44	0.13-0.45	–	

Window sizes available in 1/8" increments
Special sizes available. For more information regarding performance, visit pellacom/performance. For more information regarding frame and installation types, visit PellaADM.com.

Grilles

Integral Light Technology®

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

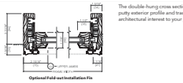
Putty Gloss Exterior with Clear Varnish* 0.55 L*/60 at 0°

Putty Gloss Exterior with Clear Varnish* 0.55 L*/60 at 0°

Dyne Exterior with Clear Varnish* 0.55 L*/60 at 0°

Cross Sections

Cross Sections



Optional Fold-out Installation Fin

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

See back cover for disclosures.

Window Hardware

Classic Collection

Get a timeless look with authentic styles in classic finishes.

Fold-away Crank
Antiek

Spoon-Style Lock

Finishes:

Champagne | White | Brown | Matte Black | Oil-Rubbed Bronze | Satin Nickel | Satin Brass

Rustic Collection

Create a distinct and charming look with distressed finishes.

Fold-away Crank
Antiek

Spoon-Style Lock

Finishes:

Distressed Bronze | Distressed Nickel

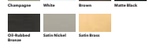
Essential Collection

Select from popular designs and finishes to suit every style.

Fold-away Crank

Cam-Action Lock

Finishes:



Champagne | White | Brown | Matte Black | Oil-Rubbed Bronze | Satin Nickel | Satin Brass

Patio Door Hardware

Classic Collection

BALDWIN

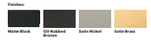
Choose timeless pieces, created in collaboration with Baldwin® Hardware, for a look that will never go out of style.

Hinged & Bifold Patio Door Handle

Sliding & Multi-Slide Patio Door Handle

Multi-Slide Patio Door Handle**

Finishes:



Matte Black | Oil-Rubbed Bronze | Satin Nickel | Satin Brass

Essential Collection

Elevate your style and transform a home with elegant selections.

Hinged & Bifold Patio Door Handle

Sliding Patio Door Handle

Multi-Slide Patio Door Handle**

Finishes:

Champagne | White | Brown | Matte Black | Oil-Rubbed Bronze | Satin Nickel | Satin Brass

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

See back cover for disclosures.

Colors

Wood Types

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

	Custom-stainable					
Pine	Douglas 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	Early American Stain	Provincial Stain
Dark Mahogany Stain	Red Mahogany Stain	Espresso Stain	Charcoal Stain	Black Stain		

Extruded 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.†

Custom colors are also available.

Black	White	Brown	Fossil			
Iron Ore	Portobello	Putty	Almond	Classic White	Brick Red	Hartford Green
Pearl Gray	Soft Linen	Satin Steel	Matte Gray	Wolf Gray	Spice Red	Sage
Frost Blue	Blue Ash					

Added Peace of Mind

Integrated Security Sensors

Integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by post-installation drilling. Sensors can be monitored via the free Pella® Insynctive® App and are compatible with major security panel systems.† For more information, go to consumer/pella.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.*†

* Some Pella products may not meet ENERGY STAR® guidelines in Canada. For more information, contact your local Pella sales representative or go to energystar.gc.ca.
† Read the corresponding written limited warranties of building national wood window and wood patio door brands. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty or contact Pella Customer Service.
‡ Available on select products in select regions.
§ Color-matched trim pieces provided to interface aluminum color.
¶ Push-to-slide handle is a Pella exclusive design.
** Available in select configurations. Not available in all regions.
†† Bifold and Pivot panels are finish to trim available with all colors. See your local Pella sales representative for availability.
‡‡ Requires the Insynctive App on a smartdevice, an Insynctive Bridge and a touchscreen router with internet connection.

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EXISTING FACADE PHOTOGRAPHS

EXISTING FACADE PHOTOGRAPHS

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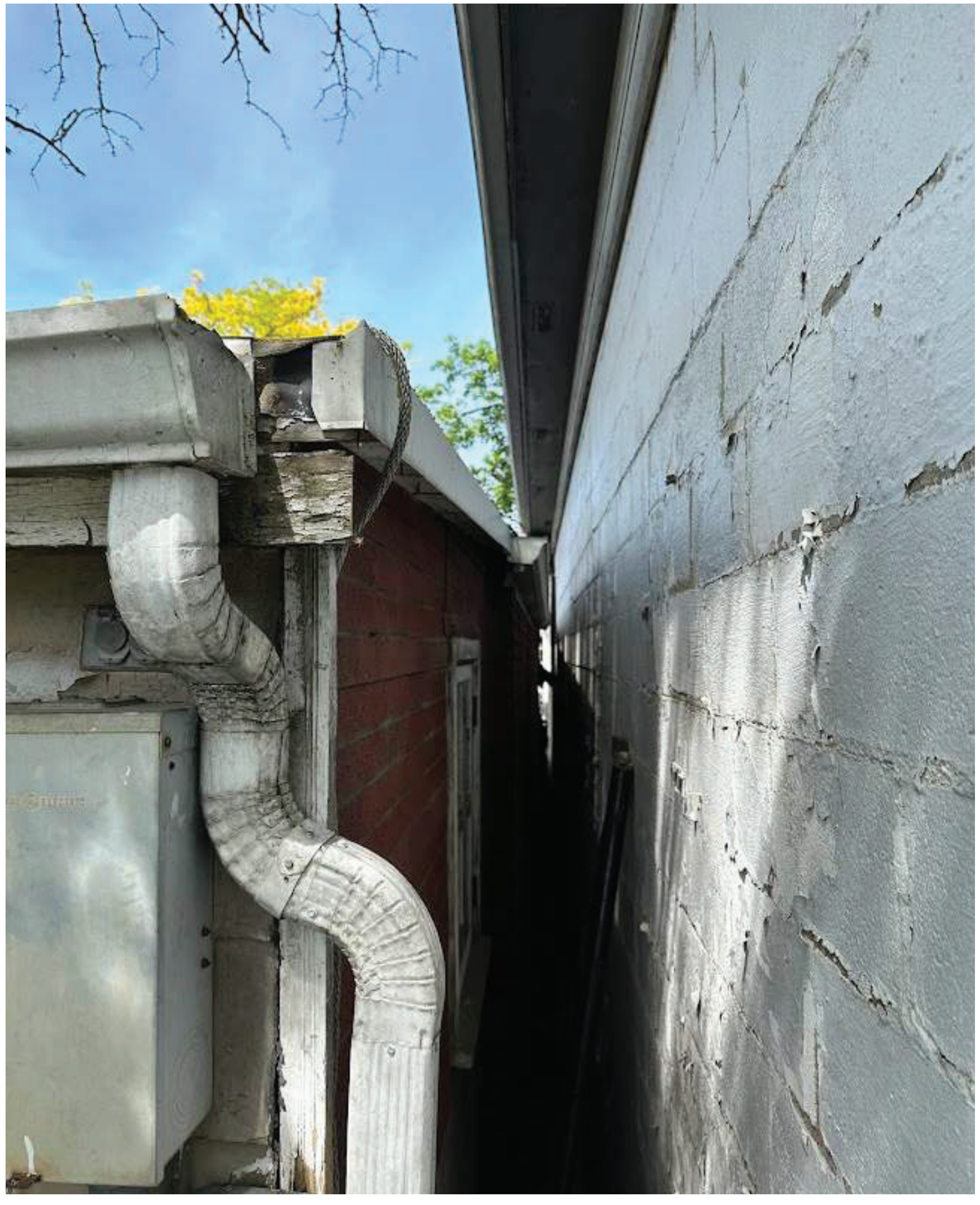

EXISTING FACADE PHOTOGRAPHS

EXISTING FACADE PHOTOGRAPHS

Peninsula

DATE: 10/03/2023

North Main Retail
201 North Main Street
Hudson, OH 44236

1) Contractor information. Additionally it would be helpful to state any experience with historic properties.
   The General Contractor will be Jordan Snedeker of Villa Custom Builders. Jordan has been in the construction business for over 20 years having previously worked on large scale residential remodels of century homes and historical buildings/homes. Jordan has extensive experience with maintaining the integrity of the original design and craftsmanship. Two local projects that Jordan was the primary contractor on included the revitalization of 5 Aurora Street (Bank Building) and 233 College Street, the John William Creswell Corbusier House.

2) Construction timeline detailing the process of moving the building.
   It should take about 8-9 weeks to move the building and replace it on the new foundation.

3) Protection plan for historic materials through the process
   The only historic material remaining is framing and the slate roof. All historical framing will be protected and kept intact during the building move process. No slate nor framing is slated for demolition.

4) An explanation on how you would document historic materials through process, especially after major events such as moving the structure.
   Pictures will be taken to document the moving of the building as well as any historic framing that will be covered by finished walls.

   As a related case study, a few photos of a previously completed project in the Cuyahoga Valley National Park are attached. This project is a very similar scale building, of the same building typology, and used the same building mover. The effort to lift the building in order to accommodate a new foundation was successful.

SPEED LIMIT 35
CONSTRUCTION ENTRANCE ONLY
REGENCY
REGENCY
CONSTRUCTION SERVICES

Call 1-800-44TYVEK
Call 1-800-44TY

DINGEY
Lifting & Moving Since 1947
DingeyMovers.com

DATE: 10/25/2023

201 North Main Street
Hudson, Ohio 44236

Response Letter for
Architectural and Historic Board of Review

Change #1 is not appropriate because it will remove what appears to be historic materials from the site. The Secretary of the Interior Standards (SIS), #4, states that "changes to a property that have acquired historic significance in their own right will be retained and preserved." Applicant to submit evidence that the addition was constructed outside the period of significance, which ends in 1963. Further, evidence needs to be provided demonstrating why the demolition of what appears to be a historic portion and historic fabric of the building needs to be removed and cannot be lifted, moved, and reset along with the two-story portion.
Response: The existing foundation and first floor framing need to be replaced due to extensive termite damage.

Per the attached email from the building lifting company, Dingey Movers Inc, they cannot safely salvage the single story portion when they lift the building.

We propose demolishing the single story portion, lifting the two story building to accommodate the new foundation and framing work, and rebuilding the single story portion and porch to the original proportions.

Change #2: The submitted drawings do not indicate an exterior finish for the new foundation walls, but brick veneer was discussed on-site. A sandstone veneer that matches the substantial scale as it appears in the c1900 image (see Image 1) would be appropriate. SIS #3 states that "Each property will be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken."
Response: Acknowledged, we have no issue with a sandstone veneer in lieu of brick veneer.

Change #3: The lap exposure of the siding is not indicated on the drawings, it should match the lap exposure as it appears in the c1900 image (see image 1).
Response: Acknowledged, we will match the lap siding exposure per the image.

Change #4: The roof detail 4 on Sheet A1.03 does not specify a material for the "low slope above return." This material should be copper to match existing.
Response: Acknowledged, we have no issue with the material being copper.

Change #5: The proportions of the proposed shutters as drawn does not appear appropriate for the windows. Each shutter should be correctly sized to only cover half the window when in the closed position.
Response: The shutters are drawn correctly. Each shutter covers half the window when in the closed position.

Change #6: The location of the faux chimney should be based on the c.1900 image (see Image 1). Note the chimney in the c.1900 image appears to be brick and the foundation appears to be stone.
Response: Acknowledged, the chimney will match the location per the image.

Signage and lighting locations are not indicated on the drawings but will be reviewed by the AHBR per Codified Ordinances Appendix D – Architectural Standards Section III-1. The owner and AHBR will work together to determine appropriate locations for these items.
Response: Acknowledged, we will work with AHBR on signage and lighting.

Dingey Movers, Inc.
544 Harvard Street
Zanesville, Ohio 43701
609-618-9263
karadingey@dingeymovers.com

Dear Sir:

October 25, 2023

In the matter of the Hudson Historical building project, it is beneficial to all involved that the 1-story addition be removed prior to starting the project.

Dingey Movers, Inc. is not inclined to do further damage to the adjacent building where this current 1-room addition exists. The addition is too close to the current neighbor.

If you have further questions/or concerns, please do not hesitate to contact me.

Thank you,

Bart Dingey

Direct/ 740-624-1748
Office/ 740-453-6724

karadingey@dingeymovers.com
info@dingeymovers.com
www.dingeymovers.com

Image 1: Date c.1900. Courtesy of the Hudson Historical Society. Front (west) and side (north) elevation. Note the Gable-Front-and-Wing configuration of the house, the 6 over 6 double hung windows on the first floor, the exposure width of the siding, the two chimneys appear to be brick, and the foundation appears to be stone. The door appears to be under the porch on the north return wall.

PERSPECTUS

MEMO

To: Nick Sugar, City Planner and Amanda Krickovich, Community Development, City of Hudson
From: Olivia Zepp, AIA | Historic Architecture, Perspectus
Date: October 19, 2023
Re: **201 N. Main Street**
CC: Lauren Pinney Burge, AIA, Principal & Alice Sloan, Assoc. AIA, APT-RP | Historic Architecture, Perspectus

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SUBJECT PROPERTY: 201 N. Main Street

At the request of the City of Hudson, Ohio and per their Codified Ordinances Section 1202.04(b)(3), Perspectus is providing this advisory report to assist the Architectural and Historic Board of Review (AHBR) in their review of the Owner Application requesting alterations to the designated historic property. The following were applied as it pertains to this application under the Codified Ordinances Appendix D. - Architectural Design Standards Section III-2.b.(1):

1. Codified Ordinances Appendix D. - Architectural Design Standards Section III-2 (attached as **EXHIBIT A**)
2. The Secretary of the Interior's Standards for Rehabilitation (attached as **EXHIBIT B**)
3. National Park Service Preservation Briefs #14 & #16

Perspectus performed the following:

1. Reviewed the submitted documentation for the appropriateness of the proposal, compliance with above referenced documents, and general insights on the submittal.
2. Conducted a site visit on October 17, 2023.

QUALIFICATIONS

Lauren Pinney Burge, Principal, Historic Architecture, is a registered Architect in the state of Ohio, meets Federal Qualifications (36 CFR 61) for Architectural History, Architecture, Historic Architecture and Historic Preservation Planning, and is Section 106 Trained.
Olivia Zepp is a registered Architect in the state of Ohio, meets Federal Qualifications (36 CFR 61) for Architecture, Historic Architecture.
Alice Sloan meets Federal Qualifications (36 CFR 61) for History and Architectural History and is an Association for Preservation Technology Recognized Professional (APT-RP).

PROPOSED CHANGES

The owner proposes to make the following changes to the existing structure:

1. Demolishing the one-story portion and porch (north of the two-story portion) and rebuilding with new materials.
2. Cutting the framing of the historic two-story structure between the first-floor finished floor and sill plate (see Image 11), lifting the entire two-story structure, and moving the building. Replacing the foundation walls with CMU block and an exterior brick veneer. The new foundation walls will match the footprint of the existing structure. Rebuilding the first-floor structural members and placing the two-story structure on the new foundation.
3. Installing new western red cedar siding, trim, and corner boards on the entirety of the two-story structure.
4. Rebuilding the eave returns on the west and east sides of the two-story structure.
5. Installing new shutters (painted PVC composite) at the new windows on the west and south elevations of the two-story structure.
6. Removing the existing brick chimney and constructing a new faux chimney (brick veneer) above the roof line (the chimney does not extend down into the interior of the building).
7. Demolition of the one-story rear additions, a portion of which appears in the 1916 Sanborn map (see Image 3). The additions appear to have been altered since their original construction.
8. Replacing the existing wood double-hung windows with 6 over 6 double-hung aluminum clad wood windows on the east elevation, west elevation, and first floor of the south elevation.
9. Replacing the existing 8 lite fixed wood windows with new 8 lite fixed aluminum clad wood windows on the south elevation at the second floor.
10. Adding two new 6 over 6 double-hung aluminum clad wood windows and a new 8 lite fixed aluminum clad wood window on the east elevation.
11. Installing new copper gutters and downspouts.

APPROPRIATENESS OF PROPOSED CHANGES

1. **Proposed change #1** is **not appropriate** because it will remove what appears to be historic materials from the site. The Secretary of the Interior Standards (SIS), #4, states that "changes to a property that have acquired historic significance in their own right will be retained and preserved." Applicant to submit evidence that the addition was constructed outside the period of significance, which ends in 1963. Further, evidence needs to be provided demonstrating why the demolition of what appears to be a historic portion and historic fabric of the building needs to be removed and cannot be lifted, moved, and reset along with the two-story portion.
    a. It appears that the one-story portion is historic and may be original to the structure. Its form is common of a Gable-Front-and-Wing Family (more commonly known as a Gable-Ell or Upright-and-Wing house) popular between 1850-c1930. McAlester states, "While two-story gable-front houses dominated urban folk building in the Northeast, a related shape…became common in rural areas…an additional side-gabled wing was added at right angles to the gable-front plan to give a compound, gable-front-and-wing shape. A shed-roofed porch was typically placed within the L made by the two wings…common only in the northeastern and midwestern states." While the current configuration of the existing porch appears to not be original to the structure, it appears to be historic, and overall, it can be argued that this house is an early example of this building type.
2. **Proposed changes #'s 2-6**: **can become appropriate** with the following alterations to the design:
    a. **Change #2**: The submitted drawings do not indicate an exterior finish for the new foundation walls, but brick veneer was discussed on-site. A sandstone veneer that matches the substantial scale as it appears in the c1900 image (see Image 1) would be appropriate. SIS #3 states that "Each property will be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken."
    b. **Change #3**: The lap exposure of the siding is not indicated on the drawings, it should match the lap exposure as it appears in the c1900 image (see image 1).
    c. **Change #4**: The roof detail 4 on Sheet A1.03 does not specify a material for the "low slope above return." This material should be copper to match existing.
    d. **Change #5**: The proportions of the proposed shutters as drawn does not appear appropriate for the windows. Each shutter should be correctly sized to only cover half the window when in the closed position.
    e. **Change #6**: The location of the faux chimney should be based on the c.1900 image (see Image 1). Note the chimney in the c.1900 image appears to be brick and the foundation appears to be stone. Codified Ordinances Appendix D – Architectural Standards Section III-1 states chimney material should match foundation material, but consider the note about the c.1900 image and building materials.
3. **Proposed changes #'s 7-10**: **are appropriate and compliant**.
4. Signage and lighting locations are not indicated on the drawings but will be reviewed by the AHBR per Codified Ordinances Appendix D – Architectural Standards Section III-1. The owner and AHBR will work together to determine appropriate locations for these items.

SOURCES CONSULTED

1. AHBR Agenda Packet with OHI Form and proposed drawings by Peninsula Architects with material specifications and General Contractor information.
2. AHBR Meeting Agenda Minutes, 201 N. Main Street, 6/28/2023.
3. Report supporting HHA Historic Marker.
4. Grimmer, Anne and Weeks, Kay. *Preservation Briefs 14 New Exterior Additions to Historic Buildings: Preservation Concerns.* National Parks Service US Department of the Interior Technical Preservation Services. August 2021.
5. Sandor, John, Trayte, David and Uebel, Amy. *Preservation Briefs 16 The Use of Substitute Materials on Historic Building Exteriors.* National Parks Service US Department of the Interior Technical Preservation Services. September 2023.
6. Ohio Historic Inventory (OHI) form by L Newkirk and F Barlow
7. McAlester, Virginia. *A Field Guide to American Houses.* Fifth printing, Alfred A. Knopf, 2020.
8. National Register of Historic Place Form by Thirza M. Cady, Asst. to Janet Sprague. *Hudson Historic District Reference Number 73001542.* April 7, 1973.
9. National Register of Historic Place Form by Lois Newkirk. *Hudson Historic District (Boundary Increase) Reference Number 89001452.* August 19, 1989.
10. National Register of Historic Place Form by Wendy Naylor and Diana Wellman. *Hudson Historic District (Boundary Increase) Reference Number 100007849.* April 15, 2021.

FINDINGS

1. The structure is located in the Hudson National Register Historic District, reference numbers 73001542, 89001452, and 100007849. The Period of Significance is 1806-1963. The district is significant under Criteria A. The original district nomination states, “Hudson is unusually rich in buildings of the 1820’s, 30’s and 40’s, when the town was at the height of its vigor. It was a thriving commercial and college town prior to its decline in the latter half of the century…The buildings in this district are various styles. These include Greek Revival, Western (Connecticut) Reserve, Federal, Tuscan and even a classic example of Gothic Revival. Several original buildings have disappeared and other have moved or replaced.” It also states, “The north part of main street [where 201 N. Main is located] was not affected by either the fire of 1892 or 1911. Therefore, the buildings along the street are the original ones that were built as time and circumstances permitted. What are now primarily shops were originally homes, saloons and shops.”
2. The property is located on the east side of the street, the second structure from the corner of North Main Street and Aurora Street in the Village Core Hudson Zoning District. The terrain is flat.
3. The structure is approximately rectangular in plan, one and a half stories. The structure has wood siding. The windows are a mix of wood double hung and fixed. The foundation is mostly not visible on the exterior, but from the interior is CMU block with small areas of sandstone. The structure has influences from the Greek Revival style.
4. According to the Ohio Historic Inventory, the structure was built 1840.
5. According to photographs from the Hudson Historical Society the structure has had changes over time including a one-story rear addition, porch alterations, replaced siding, replaced windows, and replaced foundation.

Image 1: Date c.1900. Courtesy of the Hudson Historical Society. Front (west) and side (north) elevation. Note the Gable-Front-and-Wing configuration of the house, the 6 over 6 double hung windows on the first floor, the exposure width of the siding, the two chimneys appear to be brick, and the foundation appears to be stone. The door appears to be under the porch on the north return wall.

Image 2: Appears to date to c.1916. Courtesy of the Hudson Historical Society. Front (west) elevation. Note the front porch changes and the bay window.

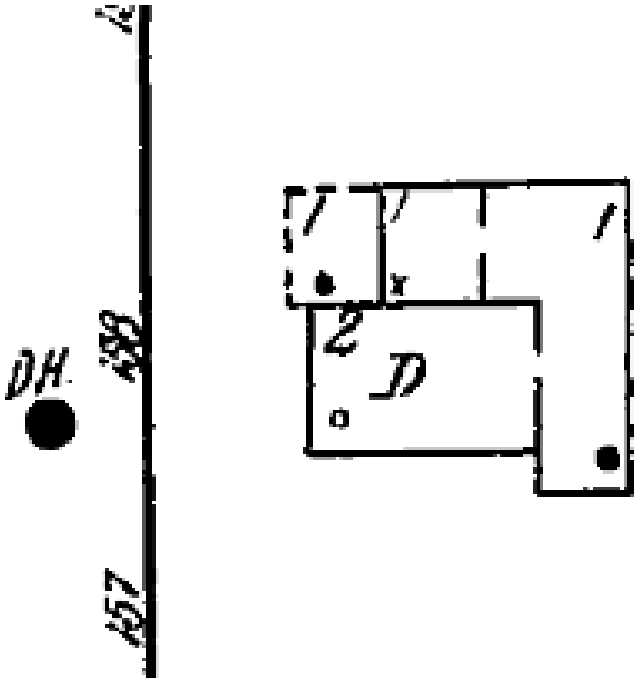

Image 3: 1916 Sanborn Map, Ohio Web Library. Note the configuration of the structure with a portion of the current rear (east) addition is existing by 1916. (North is up)

Image 4: Date c.1950. Courtesy of the Hudson Historical Society. Front (west) elevation. Note the elevation reconfiguration, the second story replaced windows, the front door on the two-story portion, and the one-story rear addition.

Restored Along Lines Of Early Hudson Home

This is a picture of the Hudson Village Realty and Hudson Homes Inc. building as it was originally built. It has been restored as nearly as possible. See picture of the restored building on page two. It was once occupied by the grandparents of Mrs. Louella Dodds.

Building Restored To Beauty Of More Than 100 Years Ago

Nov. 15, 1954

Hursonites have watched with interest the remodeling of the new offices of Hudson Village Real Estate and Hudson Homes, Inc. at 201 N. Main st., but few realize that it has actually been a restoration project. In the picture above, you see the building as it was originally built. For years it was occupied by Mr. and Mrs. Chauncey Fowler, grandparents of Mrs. Louella Dodds, Owen Brown street. Mrs. Dodds had the picture and if was secured by Raymond S. West, when he started the remodulling program. The lines of the original building were adhered to as closely as possible by N. R. Johnson of Hudson Homes, Inc., general contractors for the project and also occupants of the building.

Mrs. Dodds is not sure whether or not the Fowlers built the building, but they moved in by 1840 and Mrs. Dodds' mother, Mary Fowler Crawford was born there in 1843. She says that the building now looks a great deal as it once did, but she misses two great Elm trees which once stood in front of the home and added a great deal of charm.

It is typical of Mr. West to have wanted to restore an old building for new offices rather than build a new one. He has continually fought for the preservation of the Early American atmosphere in Hudson, has encouraged others to restore lovely old homes here and is interested in seeing that new homes built here are in keeping with the mood and feeling of the village, which has made it widely known not only in Ohio but in neighboring states. His feeling is contageous as the members of the firm of Hudson Homes Inc., builders, will tell you. The two companies have joined forces [illegible] at the first [illegible] page 4

Council suspended rules and passed an ordinance dedicating Manor dr. as a public street. It is located in the Hudson Homes Inc. subdivision.

McConnell and a visitor, H. H. McKee, asked for action on the N. Main st. sewer. The councilman declared, "This has been dragging along unendingly. Some effort should be made to expedite it."

Mayor H. G. Barlow explained in an extensive building program in Hudson. All area residents are familiar with the beautiful homes which have been built on Manor Drive and throughout the village. They are now contemplating a new development here which will be announced later.

In all of these new homes the Colonial and Early American feeling has been kept.

Image 5: 1954. Courtesy of the Hudson Historical Society. Article stating the restoration of the exterior of the building. The article references the c.1900 photo as being what was originally built and the structure was, “restored as nearly as possible.”

Image 6: Date c.1970. Courtesy of the Hudson Historical Society. This is the presumed configuration from the 1954 restoration. Front (west) elevation. Note the front porch reconfiguration, the window replacements on the two-story portion, the replaced windows at the porch, and the one-story rear addition.

Image 7: Front (west) elevation.

Image 8: Rear (east) elevation. One-story rear addition to be removed, including presumed addition that existed by 1916 according to the Sanborn map in Image 3.

Image 9: Rear (east) elevation. Detail showing siding under existing siding. Outer layer of front elevation siding should be removed to see if another layer of wood siding exists. If so, this should be evaluated per historic photos to determine if this is the historic lap exposure width.

Image 10: Front (west) elevation. Detail at two-story portion showing sandstone foundation behind concrete. Also note wood siding behind the existing siding and mineral wool.

Image 11: Interior, southwest corner of the two-story structure. Red line indicates where structure will be cut to be lifted.

Image 12: Image taken in basement showing termite damage to the north-south structural member in the two-story portion.

Image 13: Image taken in basement showing sandstone foundation at the north wall of the two-story portion.

END OF REPORT

PERSPECTUS

MEMO

EXHIBIT A: City of Hudson, Codified Ordinances Appendix D. - Architectural Design Standards

To Nick Sugar, City Planner and Amanda Krickovich, Community Development, City of Hudson

From Olivia Zepp, AIA | Historic Architecture, Perspectus

CC: Lauren Pinney Burge, AIA, Principal & Alice Sloan, Assoc. AIA, APT-RP | Historic Architecture, Perspectus

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Section III-2. - Alterations to existing properties - all types.

The character of Hudson is preserved by maintaining the integrity of buildings as they are altered.

a. *Alterations to non-historic buildings.* The following shall apply to all buildings which are not historic properties, as defined in Section III-2(b).
   (1) In the case of an alteration to an existing property, an applicant must comply with the type design Standards in Part IV to the extent that they apply to the alteration itself.
   (2) Applicants will be permitted to repair or replace existing non-conforming elements without bringing the element into conformance with the Standards, for example, shutters or windows may be replaced with essentially the same elements.
   (3) If applicants propose to replace any element with another that is not the same (for example, aluminum windows for wood windows), the applicant will be required to conform fully with the Standards for those elements.
   (4) Applicants may not be compelled to alter any part of the existing property which would otherwise not be affected by the proposed alteration.
   (5) For existing buildings which do not conform to the type catalogue in Part IV, alterations will be allowed as long as they conform to the general principles enumerated in Section I-2, and they are compatible with the existing architectural style, materials, and massing of the building.

b. *Standards for historic properties, all districts*. Historic properties include those buildings which are contributing to historic districts and buildings which are designated as historic landmarks by the City Council. Other buildings which have historic or architectural significance may also be reviewed as historic properties with the mutual agreement of the AHBR and the applicant.
   (1) Historic landmarks or buildings within historic districts which are greater than fifty years old will not be reviewed according to the type Standards in Part IV. Such buildings will be reviewed according to the Secretary of the Interior's Standards for Historic Rehabilitation (see Appendix I) and National Park Service Preservation Briefs #14 and #16.
   (2) In altering historic properties, the applicant is advised to refer to historic surveys and style guides which have been prepared specifically for Hudson, including the Uniform Architectural Criteria by Chambers & Chambers, 1977; Hudson: A Survey of History Buildings in an Ohio Town by Lois Newkirk, 1989; and Square Dealers, by Eldredge and Graham.
   (3) Hudson's Historic District and Historic Landmarks contain a wealth of properties with well preserved and maintained high quality historic building materials. The preservation of these materials is essential to the distinguishing character of individual properties and of the district. Deteriorated materials shall be repaired where feasible rather than replaced. In the event that replacement is appropriate, the new material should be compatible in composition, design, color, and texture.
      (i). Use of Substitute materials for Historic Properties (as defined in Section III-2. b.).
         (a.) The AHBR shall review detailed documentation of the existing site conditions.
         (b.) The AHBR shall request the patching and repair of existing materials.
         (c.) If the repair or replacement of existing non-historic materials is requested, AHBR shall request removal of the non-historic material to expose the historic material so that it may be assessed.
         (d.) If the AHBR concurs that the condition of the material requires replacement in some or all portions of the structure, like materials should be used. Substitute materials may be considered when the proposed materials do not alter the historic appearance of the structure, and the proposed materials are compatible in proportion, size, style, composition, design, color, and texture with the existing historic materials.
      (ii). Use of Substitute materials for proposed additions to existing historic properties.
         (a.) The placement of the addition shall be reviewed to determine its visibility from the public realm.
         (b.) Substitute materials are acceptable provided they are compatible in proportion, size, style, composition, design, color, and texture with the existing historic materials.
      (iii). New freestanding structures and non-historic properties: The use of substitute materials is acceptable provided they are compatible in proportion, size, style, composition, design, color, and texture of historic materials.
      (iv). All applications are subject to Section II-1(c).

PERSPECTUS

MEMO

EXHIBIT B: Secretary of the Interior's Standards for Rehabilitation

To Nick Sugar, City Planner and Amanda Krickovich, Community Development, City of Hudson

From Olivia Zepp, AIA | Historic Architecture, Perspectus

CC: Lauren Pinney Burge, AIA, Principal & Alice Sloan, Assoc. AIA, APT-RP | Historic Architecture, Perspectus

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The Standards (Department of Interior regulations, 36 CFR 67) pertain to historic buildings of all materials, construction types, sizes, and occupancy and encompass the exterior and the interior, related landscape features and the building's site and environment as well as attached, adjacent, or related new construction. The Standards are to be applied to specific rehabilitation projects in a reasonable manner, taking into consideration economic and technical feasibility.

1. A property shall be used for its historic purpose or be placed in a new use that requires minimal change to the defining characteristics of the building and its site and environment.
2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.
3. Each property shall be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.
4. Most properties change over time; those changes that have acquired historic significance in their own right shall be retained and preserved.
5. Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a property shall be preserved.
6. Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old in design, color, texture, and other visual qualities and, where possible, materials. Replacement of missing features shall be substantiated by documentary, physical, or pictorial evidence.
7. Chemical or physical treatments, such as sandblasting, that cause damage to historic materials shall not be used. The surface cleaning of structures, if appropriate, shall be undertaken using the gentlest means possible.
8. Significant archeological resources affected by a project shall be protected and preserved. If such resources must be disturbed, mitigation measures shall be undertaken.
9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.
10. New additions and adjacent or related new construction shall 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.

City of Hudson, Ohio

Staff Report

File Number: AHBR 25-1022

Meeting Date: 2/25/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Architectural & Historic Board of Review **File Type:** AHBR Application

41 E Main Street (Historic District)
Commercial Addition (Office and Storage Space)
Submitted by Elizabeth Swearingen, Peninsula Architects

a) *Staff notes this proposal received informal AHBR comments at the April 9, 2025, meeting and Planning Commission approval on January 12, 2026.*
b) *Section IV-4(f)(3) of the Architectural Design Standards state "Details in the wings should be the same or subordinate to those in the main body. For example, a wing should not have an elaborate cornice if the main body has a simple one." Suggest removing the gable brackets to the north and south and gable ends to the east and west.*
c) *Staff notes horizontal siding is proposed for the wing addition, while the main mass has brick. However, Section IV-4 (d)(2) states "The wings may have a different material for the wall than the main body, but no more than two materials for the walls may be used on the structure." Question if siding color would match.*
d) *Section IV-4 (h)(3) of the Architectural Design Standards state that additions should be designed to be compatible with the main structure by incorporating materials and a foundation to match. Staff notes a brick foundation is proposed.*
e) *Remove references to "or approved equal" where materials are documented on the elevations.*
f) *Verify the proposed exterior door materials for the overhead and man door.*

..

VILLAGE DENTAL

ARCHITECT

PENINSULA ARCHITECTS
1775 MAIN STREET, PENINSULA, OHIO
P: 330.657.2800

CONTACT: JOE MATAVA

SURVEY

APEX LAND SURVEYING
2858 FULMER DR.
SILVER LAKE, OHIO 44224
P: 330.928.7750

CONTACT: KELLY DUNFORD, P.S.

CIVIL

GUTOSKEY & ASSOCIATES
10185 GOTTSCHALK PARKWAY#4,
CHAGRIN FALLS, OHIO
P: 440.543.6900

CONTACT: JOE GUTOSKEY

MEP CONSULTANTS

L-EMENT MCD
81 FALLING WATER CIR,
MUNROE FALLS, OHIO

CONTACT: ANDY LIESER, PE

ABBREVIATIONS

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

SYMBOLS

DETAIL (3 / A4.00)

EXTERIOR ELEVATION (1 / A2.00)

BUILDING SECTION (A / A4.00)

INTERIOR ELEVATION (2 / 1 A5.00 / 3 / 4)

WALL SECTION (B / 2 / A3.00)

CENTERLINE AND GRID (J)

WALL TYPE (3)

DOOR TAG (101A)

CODED NOTE (3)

SPOT ELEVATION (0'-0")

MATERIALS LEGEND

- DIMENSIONAL LUMBER
- PLYWOOD
- FINISH WOOD
- GYPSUM BOARD
- BRICK
- EARTH
- STONE VENEER
- BLOCKING
- GRAVEL
- CONCRETE
- CONCRETE BLOCK
- STEEL
- RIGID INSULATION
- SPRAY FOAM INSULATION
- MINERAL WOOL INSULATION
- 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 (IEBC 2021 + AMENDMENTS)
RESIDENTIAL BUILDING CODE: 2019 OF OHIO (IRC 2018 + AMENDMENTS)
MECHANICAL CODE: 2024 OF OHIO (IMC 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 AT 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 WHICH MAY INFLUENCE 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 CUASED 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 PREMSES 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: A MIN. 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'
SIDE YARD: 0', EXCEPT WHEN ABUTTING A RESIDENTAL 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 250 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 ft²

ALLOWABLE BUILDING AREA:
B: 9,000 SF, NOT SPRINKLED

OCCUPANCY:
B: BUSINESS/OFFICE AREA = 150 GROSS
FIRST FLOOR: 572 / 150 = 4 OCCUPANTS
SECOND FLOOR: 525 / 150 = 4 OCCUPANTS
TOTAL = **8 OCCUPANTS**

SECTION 1017.2: EXIT ACCESS TRAVEL DISTANCE FOR OCCUPANCY, NOT SUPRESSED 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
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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

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PROGRESS NOT FOR CONSTRUCTION
2/16/2026

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ORAVEC DESIGN BUILD
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DENK ASSOCIATES
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VILLAGE DENTAL
41 E. MAIN STREET, HUDSON, OH 44236

PROJECT #: 2501

ISSUE:

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COVER SHEET

***G1.00**

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Printed: Monday, February 16, 2026

STATE OF OHIO
KELLY D. DUNFORD
8182
REGISTERED SURVEYOR
7/09/25

DATE OF SURVEY: JULY 2025
REVISIONS:
1.)

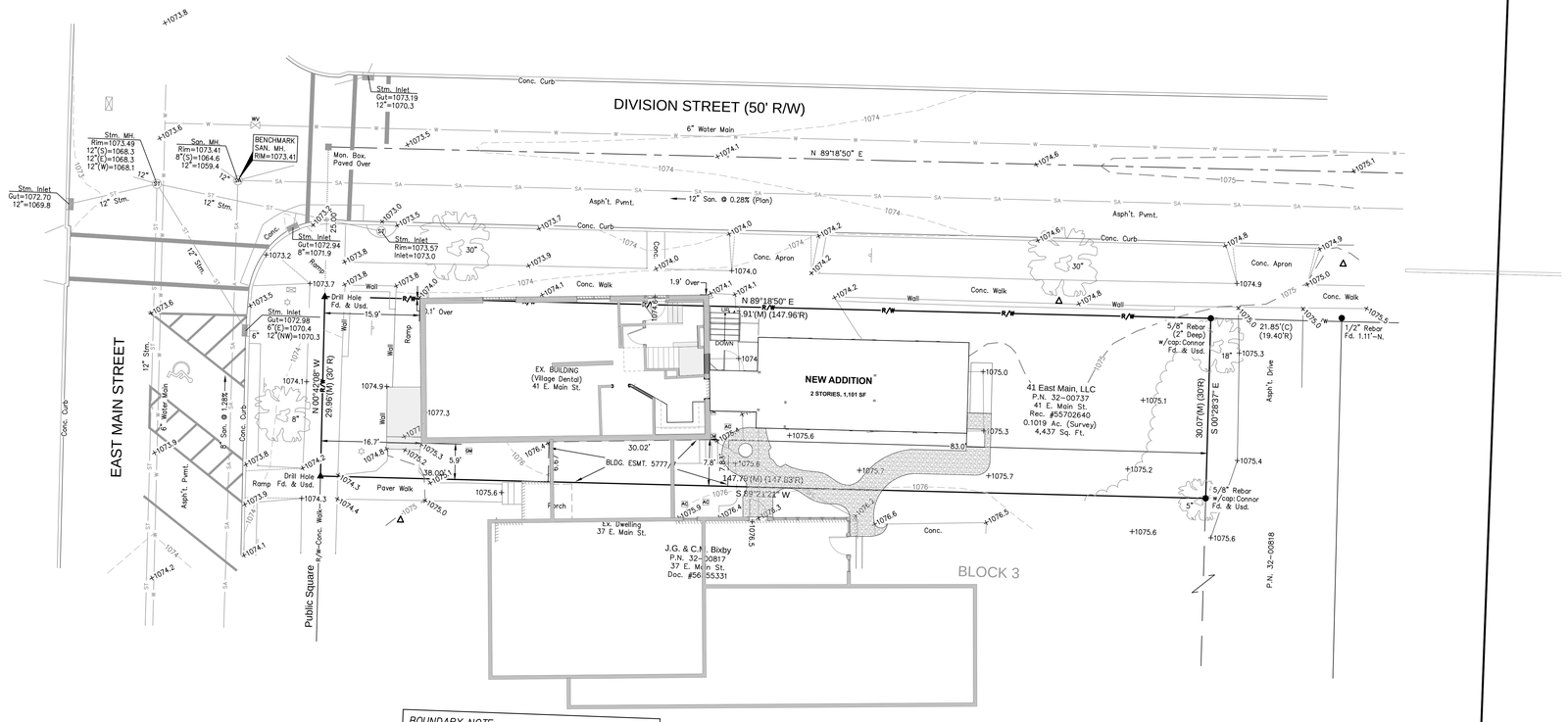
0 5 10 20
SCALE: 1" = 10'

TOPOGRAPHIC SURVEY

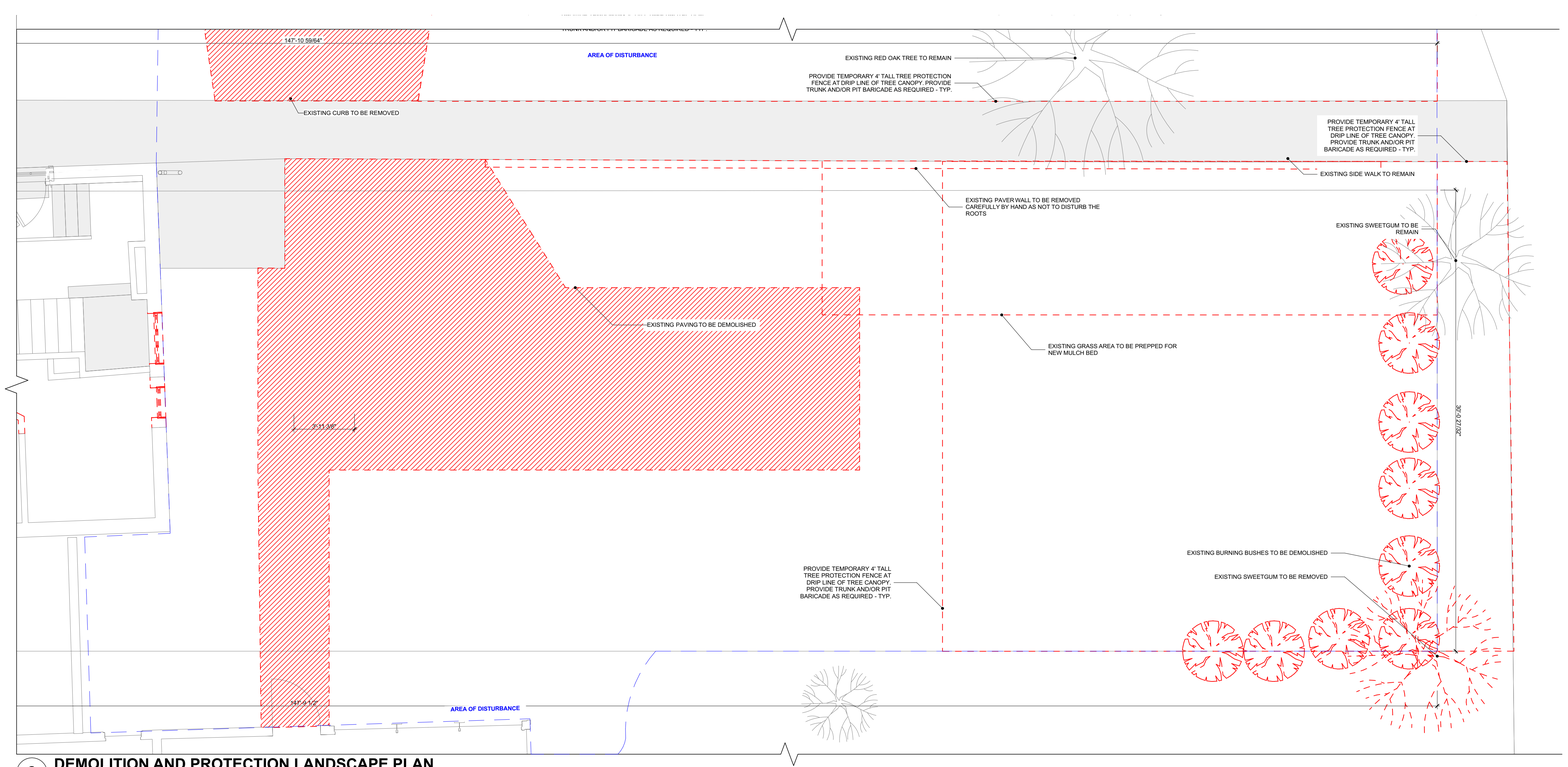
FOR:
~ VILLAGE DENTAL HUDSON ~
41. E. MAIN ST.
HUDSON, OH 44236
SITUATED IN:
CITY OF HUDSON
SUMMIT COUNTY, OHIO:
BEING PART OF BLOCK 3, IN
FORMER VILLAGE, OF PART OF
ORIGINAL HUDSON TWP. LOT 56.

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 Roof Drain
- Existing Sanitary Cleanout
- (MH) - Existing Unidentified Manhole
- (WV) - Existing Water Valve
- (GV) - Existing Gas Valve
- Ex. Elec. Transformer
- Existing Utility Pole
- Existing Guy Wire
- Existing Signal Pole
- (H) - Existing Handhole
- (EM) - Existing Electric Meter
- (AC) - Existing Air Conditioner
- (WM) - Existing Water Manhole
- Existing Deciduous Tree
- Existing Catch Basin
- Existing Inlet Basin
- (SA) - Existing Sanitary Manhole
- Existing Hydrant/Auto Sprinkler
- Existing Gasline Marker
- Existing Ground Light
- (T) (TR) - Ex. Pedestal
- Existing Lightpole
- (MB) - Existing Mailbox
- Existing Flag Pole
- Existing Bollard
- (GM) - Existing Gas Meter
- (TM) - Existing Telephone Manhole
- (EM) - Existing Electric Manhole
- Existing Conifer Tree
- 998 - Ex. Contour
- Existing Tree Line
- SA - Existing Sanitary Sewer
- ST - Existing Storm Sewer
- W - Existing Waterline
- G - Existing Underground Gas Line
- OHL - Existing Overhead Utility Line


DIVISION STREET (50' R/W)
EAST MAIN STREET
Public Square
BLOCK 3
Conc. Curb
6" Water Main
N 89°18'50" E
91'(M) (147.96'R)
Stm. Inlet Gut=1073.19 12"=1070.3
Stm. MH. Rim=1073.49 12"(S)=1068.3 12"(E)=1068.3 12"(W)=1068.1
San. MH. Rim=1073.41 8"(S)=1064.6 12"=1059.4
BENCHMARK SAN. MH. RIM=1073.41
Mon. Box. Paved Over
Asph't. Pvmt.
12" San. @ 0.28% (Plan)
Stm. Inlet Gut=1072.70 12"=1069.8
Stm. Inlet Gut=1072.94 8"=1071.9
Stm. Inlet Rim=1073.57 Inlet=1073.0
Drill Hole Fd. & Usd.
Ramp
Wall
Paver Walk
Conc. Walk
Conc. Apron
1.9' Over
2.1' Over
EX. BUILDING (Village Dental) 41 E. Main St.
NEW ADDITION
2 STORIES, 1,101 SF
DOWN
BLDG. ESMT. 5777/
Porch
Ex. Dwelling 37 E. Main St.
J.G. & C.N. Bixby P.N. 32-00817 37 E. Main St. Doc. #56 55331
41 East Main, LLC P.N. 32-00737 41 E. Main St. Rec. #55702640 0.1019 Ac. (Survey) 4,437 Sq. Ft.
N 00°42'08" W 29.96'(M) (30' R)
S 00°28'37" E 30.07'(M) (30'R)
147.76'(M) (147.63'R)
S 89°21'24" W
83.0'
30.02'
38.00'
16.7'
15.9'
5.9'
7.8'
6.6'
21.85'(C) (19.40'R)
5/8" Rebar (2" Deep) w/cap: Connor Fd. & Usd.
1/2" Rebar Fd. 1.11'-N.
P.N. 32-00818
Asph't. Drive
Conc.
Wall
Ramp
Drill Hole Fd. & Usd.
Stm. @ 1.28%
Conc. Curb
Asph't. Pvmt.
Water Main
12" Stm.
Conc. Walk
Conc. Apron
Conc. Curb
Wall
Conc.
Asph't. Pvmt.
Asph't. Drive
Conc. Walk
Conc. Curb
Conc. Apron
Conc. Walk
Conc. Curb
Conc. Apron
Conc. Walk
Conc. Curb
Conc. Apron

PLANTING SCHEDULE						
CODE	LATIN NAME	COMMON NAME	SIZE	TREE CALIPER	SPACING	QTY.
A-1	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	20' H X 20' W	4"	-	3
B-1	CORNUS FLORIDA	FLOWERING DOGWOOD	30' H X 25' W	5"	-	2
C-1	BUXUS SEMPERVIRENS	ENGLISH BOXWOOD	4' H X 4' W		2'	35
D-1	AMERICAN HOLLY	ILEX	6' H X 4' W		4'	6
E-1	RHODODENDRON 'P.J.M.'	P.J.M. RHODODENDRON	3' H X 3' W		4'	8
F-1	ITEA VIRGINICA	LITTLE HENRY SWEETSPIRE	3' H X 3' W		3'	4
G-1	ACER PALMATUM	'HANA MATOI' JAPANESE MAPLE	4' H X 4' W	2"	-	2



3 DEMOLITION AND PROTECTION LANDSCAPE PLAN

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

LANDSCAPE PLAN HATCH LEGEND

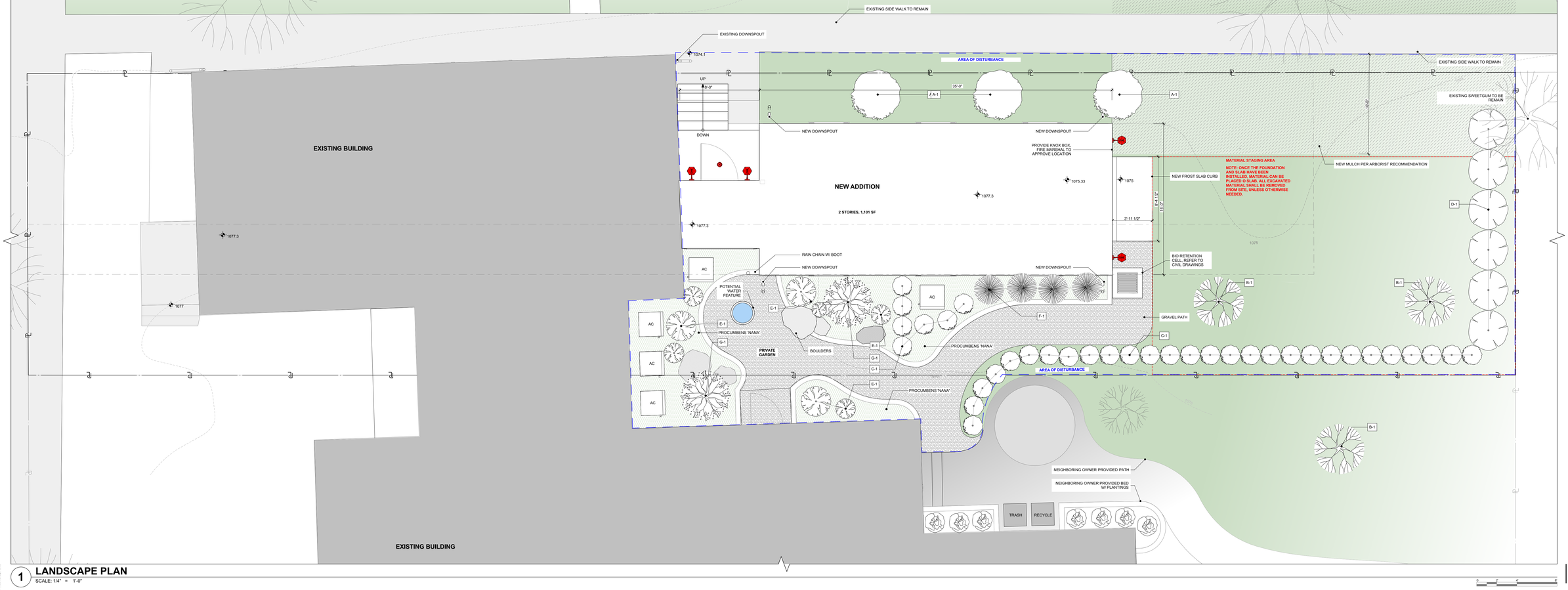
- GRAVEL
- PROCUMBENS 'NANA' - GROUND COVER
- MULCH BED

LANDSCAPE PLAN LEGEND

- WALL MOUNTED GOOSE NECK EXTERIOR LIGHT FIXTURE W/ LENSE CUTOFF
- EXTERIOR LIGHTING IN SOFFIT
- AC — AIR CONDITIONING CONDENSER UNIT

LANDSCAPE NOTES

1. GARBAGE CANS ARE TO BE STORED INSIDE ADDITION.
2. ALL EXISTING VEGETATION THAT IS TO BE REMOVED AND NEW PLANTINGS ON THE WEST SIDE OF THE PROPERTY TO BE DONE BY HAND.
3. NEW MULCHED AREAS SURROUNDING THE EXISTING OAK TREE TO REMAIN IN PLACE FOR A YEAR.



1 LANDSCAPE PLAN

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

Peninsula

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PROGRESS NOT FOR CONSTRUCTION

2/16/2026

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ORAVEC DESIGN BUILD
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MEP ENGINEER:
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VILLAGE DENTAL

41 E. MAIN STREET, HUDSON, OH 44236

N

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LANDSCAPE PLAN

L0.01

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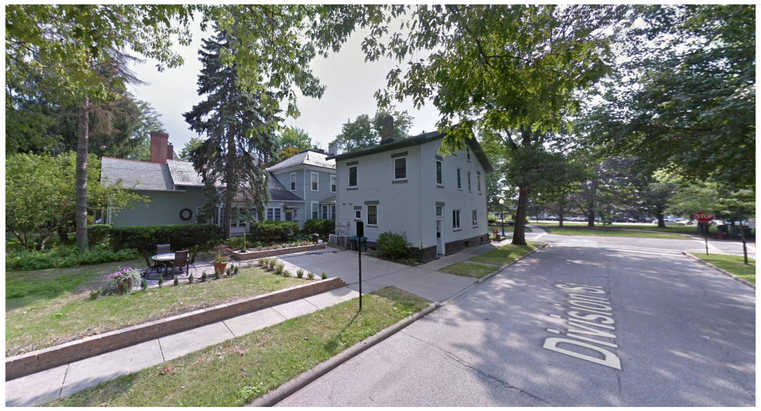

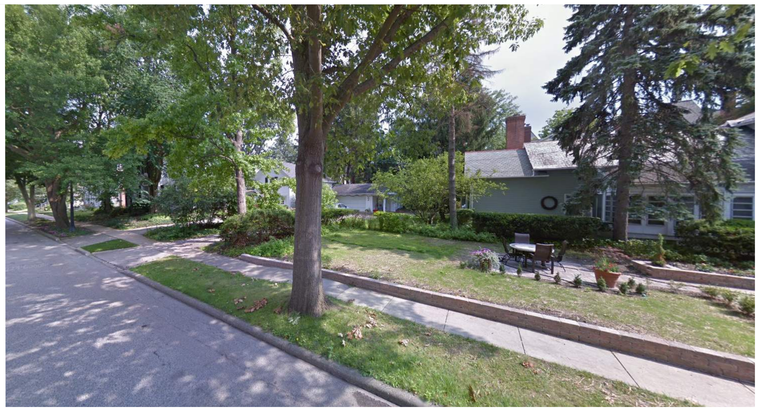

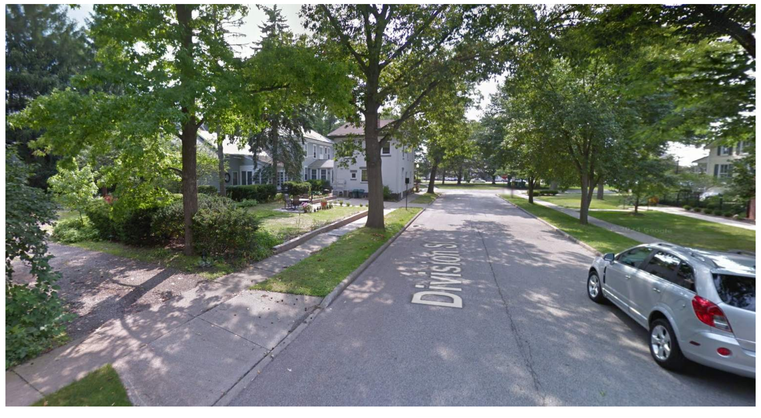

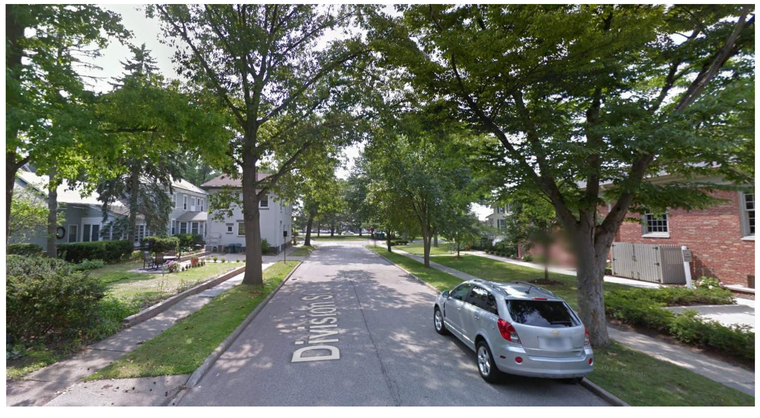

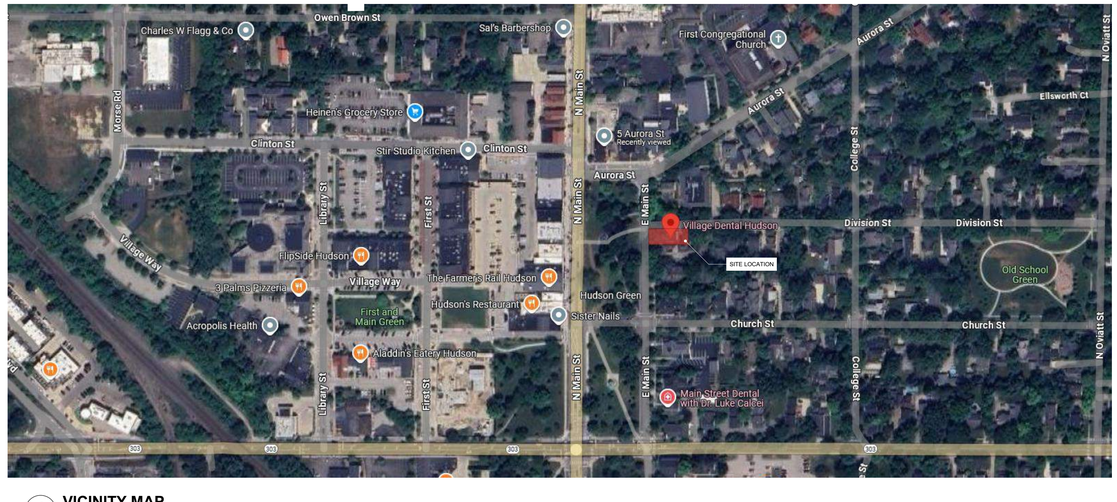

1 **VICINITY MAP**
NOT TO SCALE

0 1/2" 1" 2"

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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

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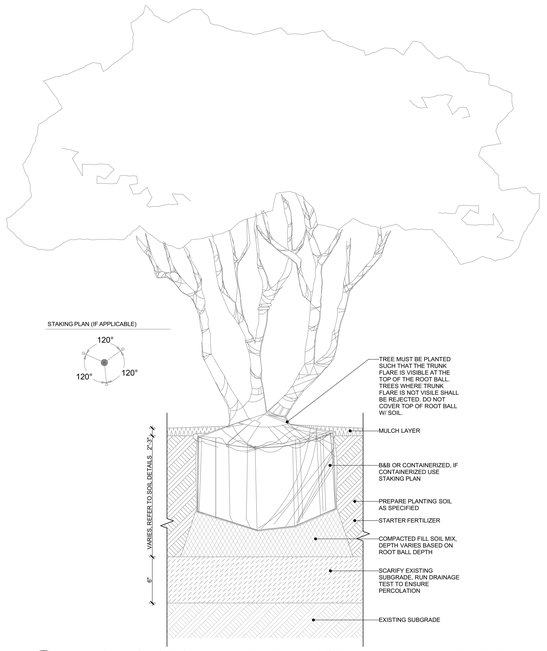
Printed: Monday, February 16, 2026

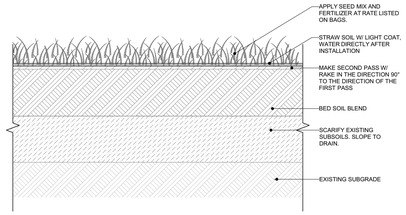
NOTES:

1. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
2. DO NOT HEAVILY PRUNE TREES AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINAT LEADERS, AND BROKEN OR DEAD BRANCES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED, HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
3. MARK THE NORTH SIDE OF THE TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT SITE WHEN POSSIBLE.



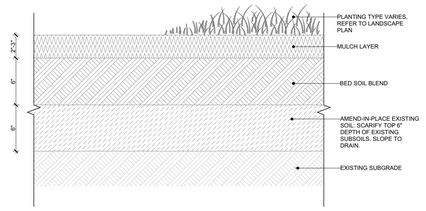
1 TYPICAL SECTION - MULTI-TRUNK ORNAMENTAL TREE DETAIL

NOT TO SCALE



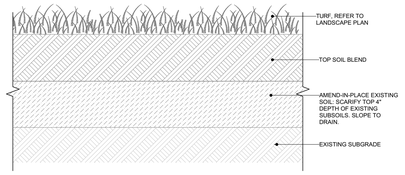
2 TYPICAL SECTION - SEEDING LAWN DETAIL

NOT TO SCALE



3 TYPICAL SECTION - TYPE '2' - PLANTING BED DETAIL

NOT TO SCALE

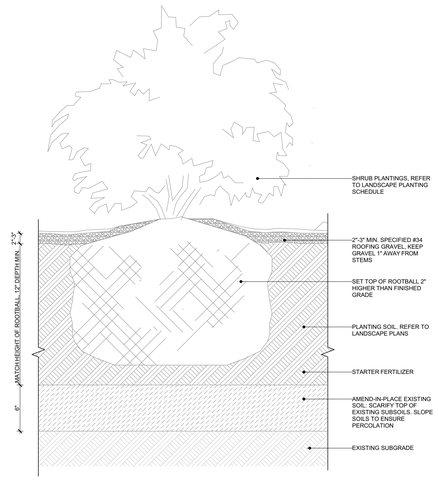


4 TYPICAL SECTION - TYPE '3' - TURF PLANTING DETAIL

NOT TO SCALE

NOTES:

1. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITSBED PRIOR TO INSTALLATION.
2. IF PLANT IS SHIPPED W/ A WIRE BASKET AROUND THE ROOTBALL, CUT THE WIRE BASKET IN FOUR PLACES AND FOLD DOWN (1/3 OR ROOTBALL HEIGHT) INTO PLANTING HOLE.
3. THE AMOUNT OF PRUNING SHALL BE LIMITED TO 1/3 OF THE BRANCHES TO COMPENSATE FOR LOSS OF ROOTS FROM TRANSPLANTING. REMOVE DEAD AND INJURED LIMBS. REMOVE BURLAP AND WIRE OR TWINE FROM TOP AND SIDES OF BALL. CENTER SHRUB IN HOLE. SET TOP OF BALL 1-3" ABOVE FINISH GRADE.

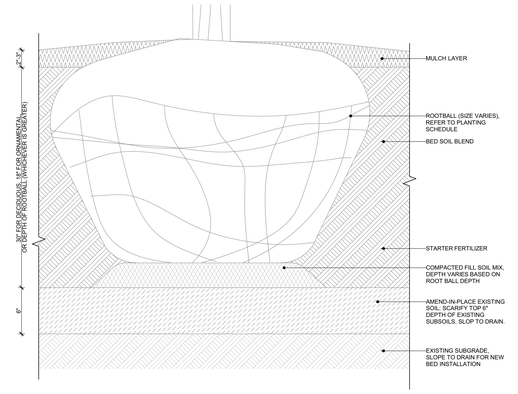


5 TYPICAL SECTION - SHRUB PLANTING DETAIL

NOT TO SCALE

NOTES:

1. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
2. FINAL TREE STAKING PLACEMENT TO BE APPROVED BY OWNER.
3. DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEDN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED, HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
4. MARK THE NORTH SIDE OF THE TREE IN THE NURSERY, AND ROTATE THE TREE TO FACE NORTH AT THE SITE WHENEVER POSSIBLE.
5. IF PLANT IS SHIPPED W/ A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET IN FOUR PLACES AND FOLD FOWN (8") INTO THE PLANTING HOLE.
6. REMOVE ALL TWINE, ROPE, WIRE, AND BURLAP FROM THE TOP HALF OF THE ROOTBALL.
7. SET TREE PLUMB IN PLANTING PIT.
8. EACH TREE MUST BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL.TREES WHERE THE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.



6 TYPICAL SECTION - SOIL TYPE '1' - TREE PLANTING DETAIL

NOT TO SCALE

Hand Crafted Copper Lighting

American Made, Hand Crafted Gas & Electric Lamps

AMERICAN GAS LAMP WORKS

ALL LAMPS AVAILABLE IN 3 SIZE OPTIONS

The Athena
AO1, AO2, AO3

The Atlas
AS1, AS2, AS3

The Equestrian
EQ1, EQ2, EQ3

The Kyro
KR1, KR2, KR3

The Neptune
NE1, NE2, NE3

The Oracle
OC1, OC2, OC3

The State Street
SSA1, SSA2, SSA3

The Vulcan
VN1, VN2, VN3

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.

Illumination Options

Open Gas Flame

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

Electric Socket

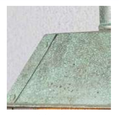
All lights can also come with incandescent fixtures for LED and traditional light bulbs.

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

Finish Options

Natural Copper

Patina Antique

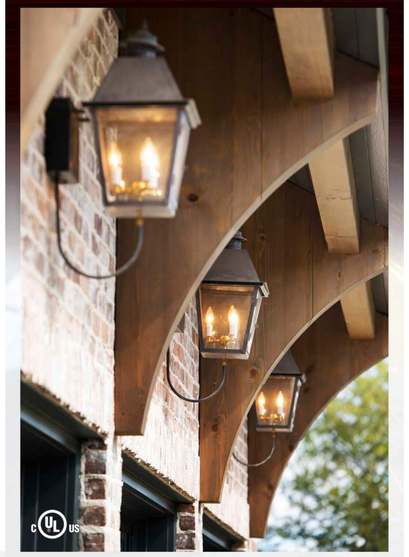


Patina Green

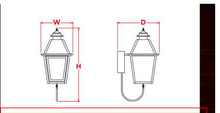
Traditional Black

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

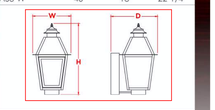
ATLAS



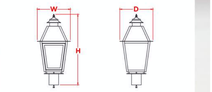
4 LEGENDARY LIGHTING



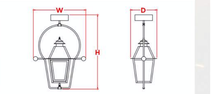
WALL MOUNT	H	W	D
AS1-W	27-1/2"	12"	15-11/16"
AS2-W	31"	14"	17-11/16"
AS3-W	40"	18"	22-1/4"



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	33-13/16	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"

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PROGRESS NOT FOR CONSTRUCTION
2/16/2026

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VARIANCE SET 04-17-2025
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PLANNING COMMISSION10-27-2025
PLANNING COMMISSION12-17-2025

LANDSCAPE PLANTING DETAILS

L0.02

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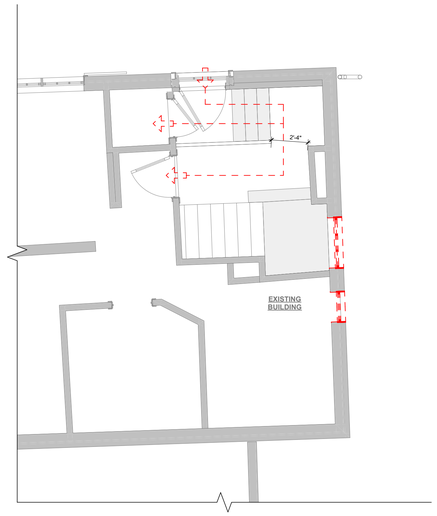
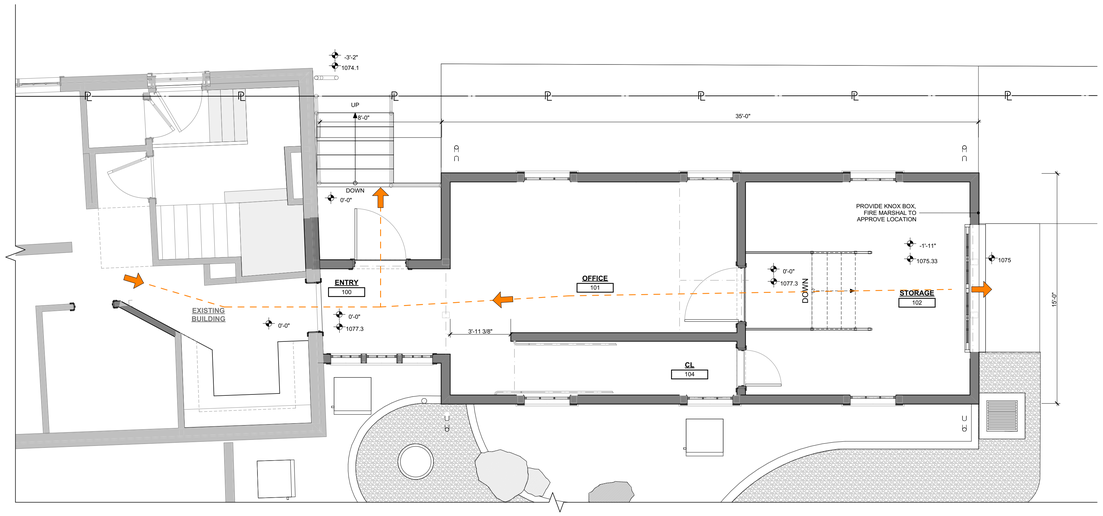
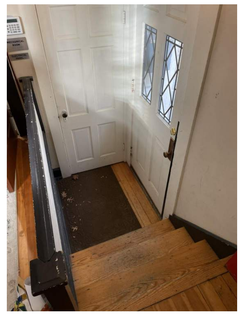
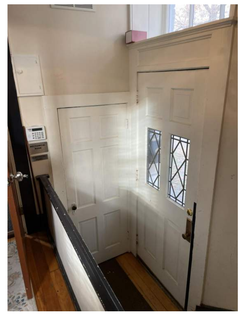
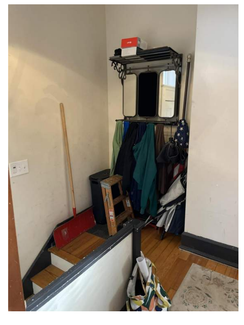
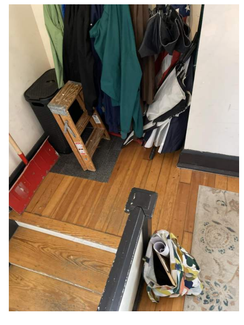
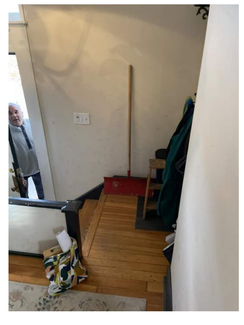
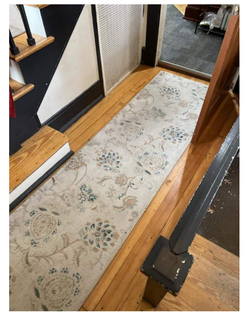


1 **EXISTING FIRST FLOOR ROUTE**
SCALE: 1/4" = 1'-0"



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

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EXISTING FLOOR PLAN

A1.00

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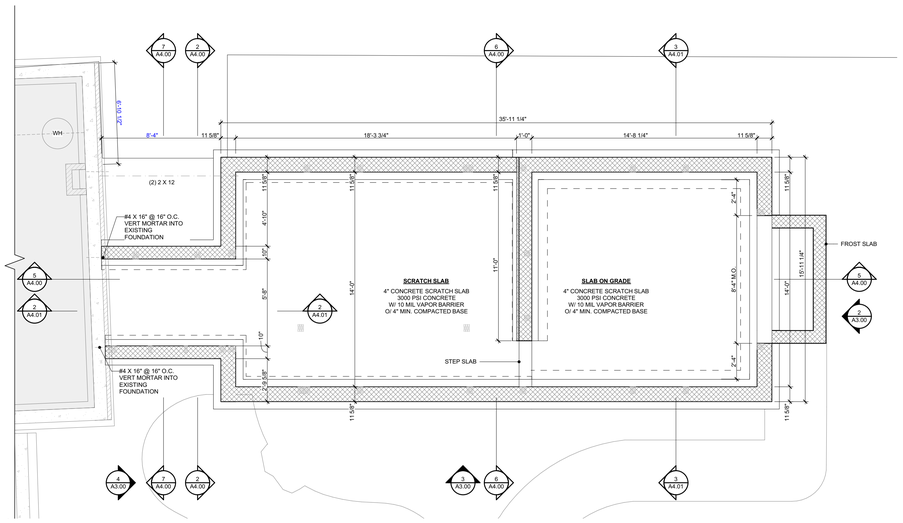
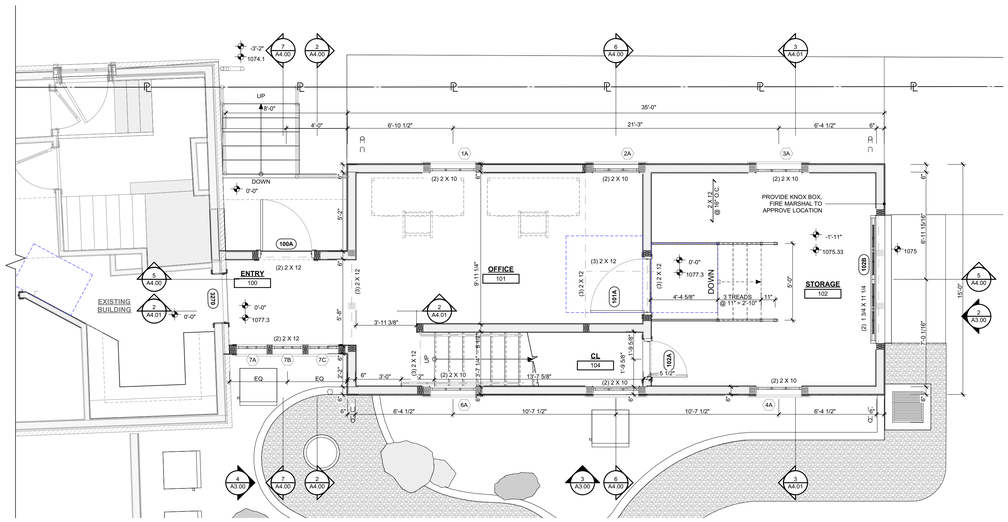


1 BASEMENT FLOOR PLAN

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

A (GLASS DOOR) B (PANEL DOOR) C (GARAGE DOOR)

DOOR FRAME TYPE

TYPE D1

DOOR SCHEDULE

ID	WIDTH	HEIGHT	OPERATION	MATERIAL	DOOR TYPE	DOOR FINISH	REMARKS
100A	3'-4"	6'-8"	SWING	SC WOOD	B	---	
101A	3'-6"	6'-8"	SWING	HM	B	---	
102A	2'-4"	6'-8"	SWING	HM	B	---	
102B	8'-0"	8'-0"	OVERHEAD	---	C	---	INSULATED
201A	3'-0"	6'-8"	SWING	HM	B	---	

DOOR REMARKS

1. CLOSER
2. AUTO OPERATOR
3. PANIC HARDWARE
4. EMERGENCY RESCUE HARDWARE
5. PROVIDE THRESHOLD AND WEATHERSTRIPPING
6. INSULATED DOOR
7. DOOR PROTECTION. EDGE GUARDS AND ARMOR PLATE
8. DOOR BOTTOM W/ NYLON BRUSH
9. PUNCH LOCK HARDWARE
10. CONCEALED SWING CLEAR HINGES

DOOR OPERATION LEGEND

NS - NORMAL SWING
FO - 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
- 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

1. FINAL HARDWARE SCHEDULE TO BE PROVIDED BY CONTRACTOR'S DOOR HARDWARE SUPPLIER AND APPROVED BY OWNER AND ARCHITECT.
2. FINAL LOCKSET FUNCTION AND KEYING SHALL BE COORDINATED WITH THE OWNER BY THE DOOR HARDWARE SUPPLIER. PROVIDE SUB AND GRAND MASTER LEVEL KEYING AND 4 KEYS FOR EACH LOCKSET.
3. ALL PASSAGE SETS, PRIVACY SETS AND LOCKSETS SHALL SHALL BE ANSI/BHMA GRADE 1 COMMERCIAL WITH ADA COMPLIANT LEVER HARDWARE. ALL LOCKSETS SHALL BE THE PRODUCTS OF A SINGLE MANUFACTURER. ALL DOOR LOCKS SHALL ALLOW EGRESS WITHOUT THE USE OF A KEY AND BY MEANS OF A SINGLE OPERATION.
4. STEEL DOOR FRAMES SHALL BE PREPARED TO SUIT SPECIFIED DOORS AND HARDWARE.
5. FURNISH NON-RISING TYPE PINS ON OUT SWINGING DOORS SCHEDULED TO RECEIVE LOCKSETS.
6. FINISH DOORS AND FRAMES WITH PAINT OR STAIN AS INDICATED (COLOR AS SELECTED BY OWNER) ALL SIDES.
7. PROVIDE WALL OR FLOOR MOUNTED STOP AS APPROPRIATE FOR EACH DOOR.
8. DOOR CLOSER CONFIGURATION SHALL BE IDENTIFIED AND COORDINATED BY THE DOOR HARDWARE SUPPLIER. ADJUST ALL CLOSER TO ADA 5 LBS. MAX. PULL FORCE.
9. PROVIDE SAFETY GLAZING IN THE FOLLOWING LOCATIONS PER OBC 2406.3:
   1) FIXED AND OPERABLE PANELS OF SWINGING, SLIDING, AND BIFOLD DOORS
   2) PANELS ADJACENT TO DOORS WHERE NEAREST EXPOSED EDGE OF GLAZING IS WITHIN 24" ARC OF EITHER VERTICAL EDGE OF DOOR IN A CLOSED POSITION
   3) PANELS LARGER THAN 9 SF
   4) BOTTOM EDGE OF GLAZING IS LESS THAN 18" ABOVE THE FLOOR
   5) PANELS WITHIN 36" HORIZONTALLY OF A WALKING SURFACE
   6) PANELS WITHIN 36" HORIZONTALLY AND LESS THAN 60" ABOVE WALKING SURFACE OF STAIR
   7) PANELS WITHIN 60" HORIZONTALLYAND LESS THAN 60" ABOVE THE NOSE OF THE BOTTOM STAIR TREAD
10. HARDWARE AND ACCESSORIES TO BE BRUSHED STAINLESS FINISH OR EQUIVALENT.
11. ALL INTERIOR DOORS TO BE 1 7/8" SOLID CORE WOOD DOORS.

DOOR GLAZING SCHEDULE

DOOR APPLICATION	GLAZING TYPE
NO FIRE LABEL	1/4" CLEAR, FULLY TEMPERED, U.N.O.
20 MIN. FIRE LABEL	FIRE-PROTECTION RATED (TEMPERED SAFETY), 20 MIN., U.N.O.
45 TO 90 MIN. FIRE LABEL	FIRE-PROTECTION RATED (LAMINATED CERAMIC), MATCH DOOR RATING, U.N.O.
> 90 MIN. FIRE LABEL	GLAZING NOT PERMITTED
REFER TO EXTERIOR FRAME TYPES SHEET FOR GLAZING TYPE IN EXTERIOR WALLS	

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 POSTS DOWN TO SOUND 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 CEILINGS

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
TCLL= 30 PSF
TCDL= 10 PSF
BCDL= 10 PSF
NET UPLIFT= 15 PSF
19/32" APA RATED EXPOSURE 1 OSB

ROOF TRUSS CRITERIA
TCLL= 25 PSF
TCDL= 10 PSF
BCDL= 10 PSF
NET UPLIFT= 10 PSF
ATTIC LL= 40 PSF
ATTL < L/360
USE (2) SIMPSON SWDC15600 SCREWS AT TRUSS BRG

WOOD HEADERS (U.N.O.)

OPENING	HEADERS	NON BEARING	BEARING
UP TO 4'-0"	(2) 2 X 8	1 JACK, 1 KING	1 JACK, 1 KING
4'-0" - 6'-0"	(2) 2 X 10	1 JACK, 1 KING	2 JACK, 1 KING
6'-1" - 8'-0"	(2) 2 X 12	1 JACK, 1 KING	2 JACK, 1 KING
8'-1" - 10'-0"	(2) 1 1/4 LVL	2 JACK, 1 KING	3 JACK, 1 KING

SUBSTITUTION CHART:

LVL SIZE	WF STEEL SIZE
(2) 1/2" LVL	W10 x 15
(2) 1/4" LVL	W12 x 16
(2) 1/8" LVL	W14 x 22
(2) 1/8" LVL	W16 x 26
(3) 1/2" LVL	W10 x 17
(3) 1/4" LVL	W12 x 16
(3) 1/8" LVL	W14 x 22
(3) 1/8" LVL	W16 x 26
(2) 1/8" LVL W/ 1/2" PL	W16 x 26
(2) 1/8" LVL W/ (2) 1/2" PL	W16 x 40

INDICATES WEB STIFFENING BELOW BEARING WALL ABOVE

INDICATES AREA OF ADDITIONAL FRAMING REQUIRED

INDICATES POINT LOAD FROM ABOVE

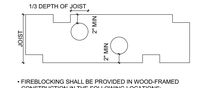
INDICATES LOCATION OF BEARING WALL ABOVE

INDICATES BEARING WALL

SECTION 502.8
NOTCHES IN THE TOP OR BOTTOM OF JOISTS SHALL NOT EXCEED ONE-SIXTH THE DEPTH OF THE JOIST AND SHALL NOT BE LOCATED IN THE MIDDLE THIRD OF THE SPAN. WHERE JOISTS ARE NOTCHED ON THE ENDS FOR A LEDGER, THE NOTCH SHALL NOT EXCEED ONE-FOURTH THE JOISTS 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 OR THE JOISTS AND THEIR DIAMETER SHALL NOT EXCEED ONE-THIRD THE DEPTH OF THE JOIST.

SECTION 602.6
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 40% 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 5/8 INCH TO THE EDGE OF THE STUD, AND THE HOLE IS NOT LOCATED IN THE SAME SECTION AS A CUT OR NOTCH.



- FIREBLOCKING SHALL BE PROVIDED IN WOOD-FRAMED CONSTRUCTION IN THE FOLLOWING LOCATIONS:
  1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED 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 (3048 MM).
  2. AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS AND COVE CEILINGS.
  3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN. ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH SECTION R302.7.
  4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILING AND FLOOR LEVEL, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THIS ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E136 REQUIREMENTS.
- 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 23/32-INCH (18.3 MM) WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 23/32-INCH (18.3 MM) WOOD STRUCTURAL PANELS.
  4. ONE THICKNESS OF 3/4-INCH (19.1 MM) PARTICLEBOARD WITH JOINTS BACKED BY 3/4-INCH (19.1 MM) PARTICLEBOARD.
  5. ONE-HALF-INCH (12.7 MM) GYPSUM BOARD.
  6. ONE-QUARTER-INCH (6.4 MM) CEMENT-BASED MILLBOARD.
  7. BATTS OR BLANKETS 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 INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E119 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-CEILING ASSEMBLY, DRAFTSTOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1,000 SQUARE FEET (92.9 M2). MID-FLOOR DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS. WHERE THE ASSEMBLY IS ENCLOSED BY A FLOOR MEMBRANE ABOVE AND A CEILING MEMBRANE BELOW, DRAFTSTOPPING SHALL BE PROVIDED IN FLOOR-CEILING ASSEMBLIES UNDER 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 DRAFTSTOPS 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 SWDC15600 SCREWS.
- AIR SEALING:
  1. SEAL/TAPE EXTERIOR WEATHER BARRIER ACCORDING TO MANUFACTURER'S RECOMMENDATIONS
  2. SEAL/CAULK PENETRATIONS IN WALLS FACING EXTERIOR OR UNCONDITIONED SPACE
  3. FLASH/SEAL WINDOW AND DOOR PENETRATIONS IN WALLS FACING EXTERIOR OR UNCONDITIONED SPACE
  4. SEAL/TAPE JOINTS IN DUCTWORK ACCORDING TO SMACNA RECOMMENDATIONS
- STAIRS AND RAILS
  1. AT OPEN SIDED WALKING SURFACES: MIN. HEIGHT, 36" A.F.F.
  2. AT OPEN SIDES OF STAIR: HEIGHT BETWEEN 34" AND 38" MEASURED FROM NOSINGS.
  3. GUARDS SHALL NOT ALLOW A 4" SPHERE TO PASS
  4. SPACE AT TRIANGULAR OPENING BETWEEN STAIR RISER/ TREAD AND STRINGER SHALL NOT ALLOW A 6" SPHERE TO PASS
  5. OPEN RISER STAIRS SHALL PROVIDE NO MORE THAN A 4" VERTICAL GAP
- GLAZING
  LOW-E, ARGON FILLED DOUBLE PANED GLAZING PANELS
  U-FACTOR: .29 OR BETTER
  SHGC: .25 OR BETTER
- IN ORDER TO REMAIN EXPOSED, WEBS OF TJI'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)

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 ft²

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

N

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FLOOR PLANS

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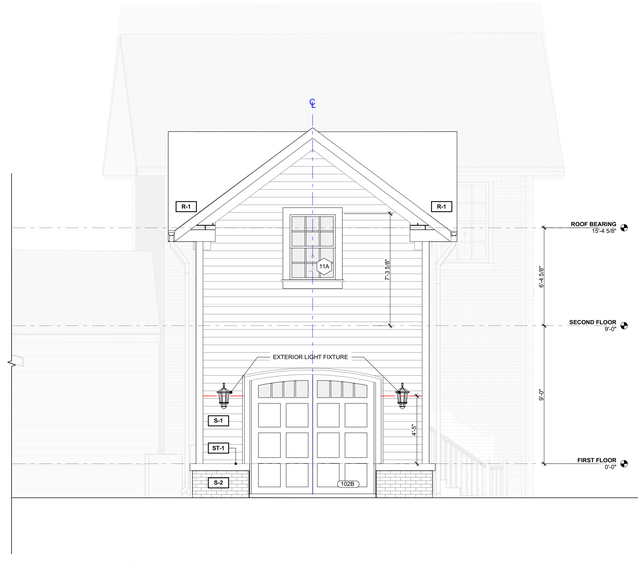
1 NORTH ELEVATION

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

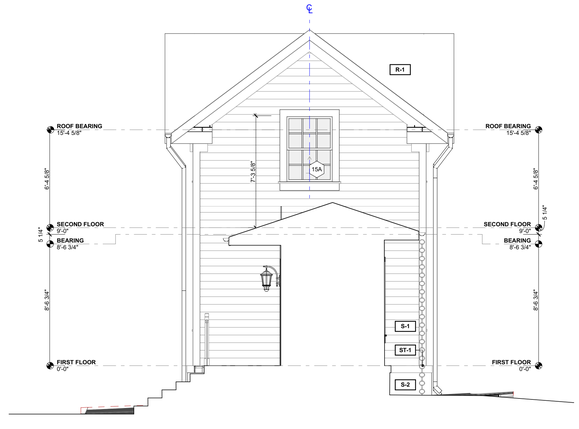


2 EAST ELEVATION

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

3 SOUTH ELEVATION

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



4 WEST ELEVATION

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

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/ 2X STUDS

STONE VENEER: (ST-1)
STONE SILL

SIDING: (S-1)
HORIZONTAL CEDAR SIDING

SIDING: (S-2)
4" BRICK VENEER W/ MASONRY TIES. BRICK TO BE PAINTED TO MATCH EXISTING BUILDINGS BROWN PAINT

ASPHALT SHINGLE ROOF (R-1)
30 YEAR ARCHITECTURAL SHINGLE
O/ MANUFACTURER'S RECOMMENDED UNDERLAYMENT.
O/ 19/32" APA RATED EXTERIOR GRADE SHEATHING. ICE GUARD SHOULD BE INSTALLED AT ALL EAVES AND VALLEYS, UP 72", AND WRAPPED OVER THE FACE OF ALL FASCIAS.

GUTTERS
6" HALF ROUND W/ ROUND DOWNSPOUTS

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.

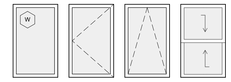
ALL EXPOSED WOOD ELEMENTS AND TONGUE AND GROOVE CEILINGS IS TO BE DOUG FIR, STAINED AND SEALED. COORDINATE FINAL COLOR WITH ARCHITECT AND OWNER

ALL ROOF PENETRATIONS TO BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLTION 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 R308)

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.**

WINDOW SCHEDULE

ID	W x H	OPERATION	EGRESS	REMARKS
1A	3'-1"+4'-5"	DOUBLE HUNG	---	
2A	3'-1"+4'-5"	DOUBLE HUNG	---	
3A	3'-1"+4'-5"	DOUBLE HUNG	---	
4A	3'-1"+4'-5"	DOUBLE HUNG	---	TEMPERED
5A	3'-1"+4'-5"	DOUBLE HUNG	---	
6A	3'-1"+4'-5"	DOUBLE HUNG	---	
7A	2'-1"+4'-11"	DOUBLE HUNG	---	TEMPERED
7B	2'-1"+4'-11"	DOUBLE HUNG	---	TEMPERED
7C	2'-1"+4'-11"	DOUBLE HUNG	---	TEMPERED
8A	3'-1"+2'-0"	FIXED	---	
9A	3'-1"+4'-5"	DOUBLE HUNG	---	
10A	3'-1"+2'-0"	FIXED	---	
11A	3'-1"+4'-5"	DOUBLE HUNG	---	
12A	3'-1"+2'-0"	FIXED	---	
13A	3'-1"+4'-5"	DOUBLE HUNG	---	
14A	3'-1"+2'-0"	FIXED	---	
15A	3'-1"+4'-5"	DOUBLE HUNG	---	

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EXTERIOR ELEVATIONS

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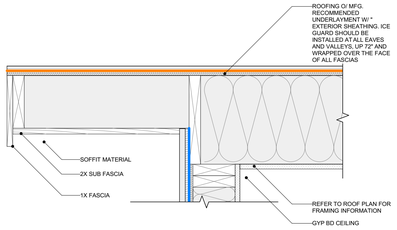
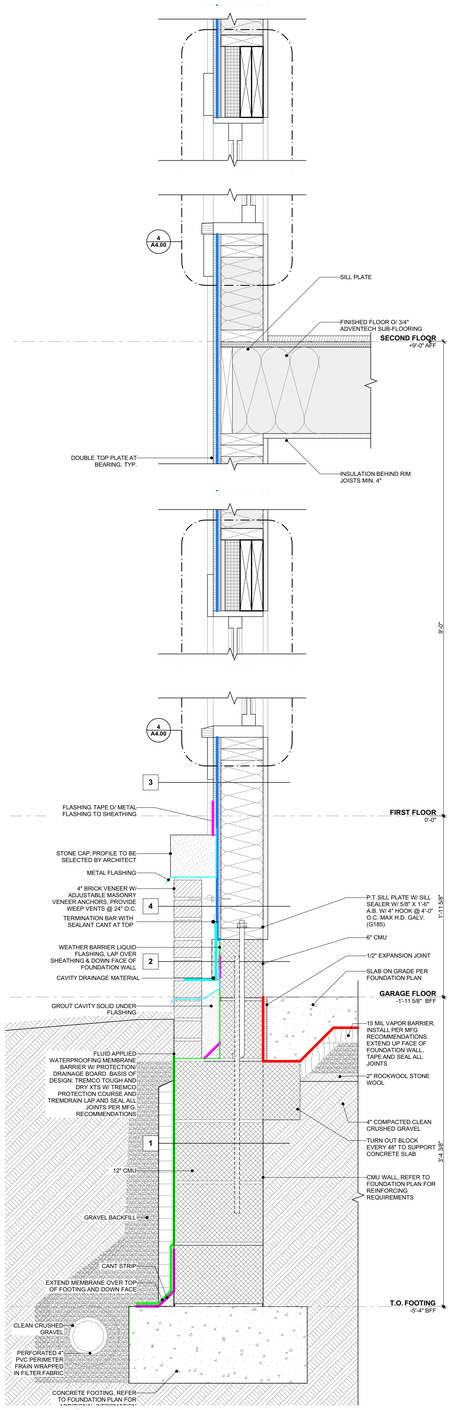
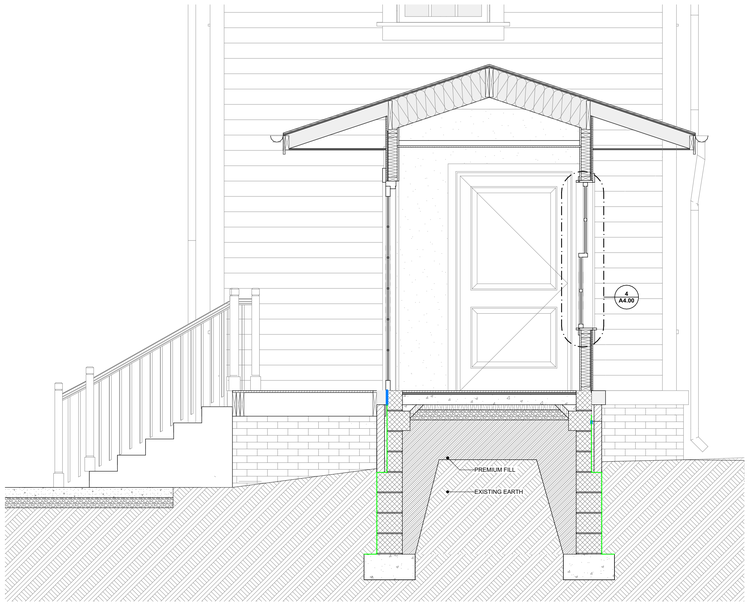
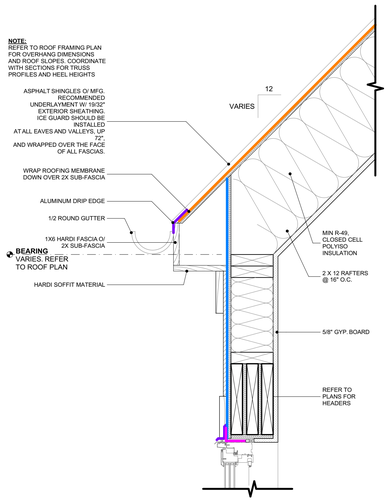




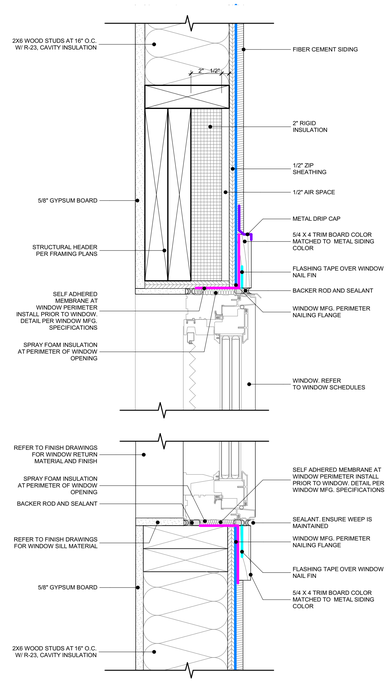
1 WALL SECTION
SCALE: 1 1/2"= 1'-0"



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



3 ROOF DETAIL
SCALE: 1 1/2"= 1'-0"



4 WINDOW HEAD AND SILL DETAIL
SCALE: 3" = 1'-0"

GENERAL NOTES

REFER TO EXTERIOR WALL TYPES LEGEND BELOW FOR TYPICAL WALL CONSTRUCTION INFORMATION. HORIZONTAL EXTENTS OF EXTERIOR WALL CONSTRUCTION ARE INDICATED ON THE FLOOR PLAN

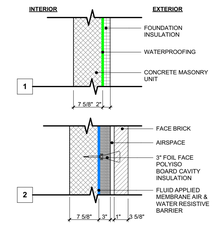
BRICK COURSING TO START AT FINISH ELEVATION OF THE GROUND FLOOR UNLESS NOTED OTHERWISE.

ALL SUB-FLOORING TO BE 3/4" ADVANTECH OR EQUAL

REFER TO FOUNDATION PLANS FOR FOUNDATION WALL AND FOOTING INFORMATION

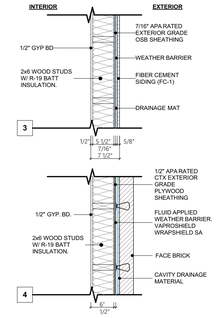
EXTERIOR FOUNDATION WALL TYPES

NOTE: WALL INFORMATION IS DEMONSTRATED IN PLAN VIEW



EXTERIOR WALL TYPES

NOTE: WALL INFORMATION IS DEMONSTRATED IN PLAN VIEW



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

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

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BUILDING SECTIONS

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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, & RECONSTRUCTION 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 HISTROIC 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).

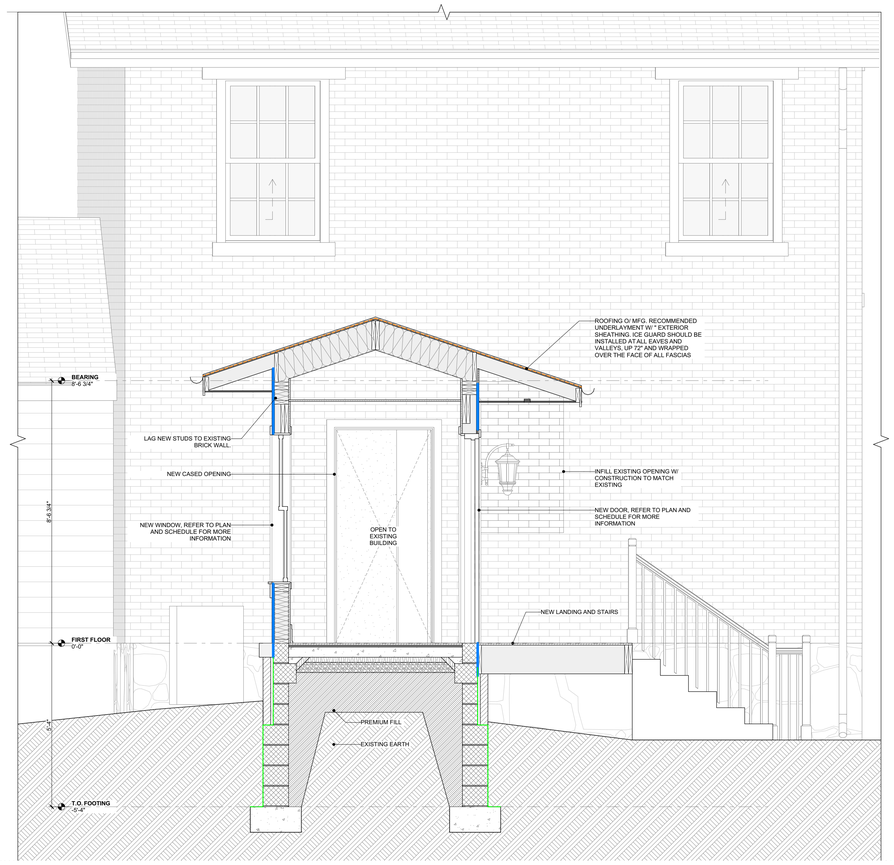
- "LIMITING ANY NEW EXCAVATIONS NEXT TO HISTORIC FOUNDATIONS TO AVOID UNDERMINING THE STRUCTURAL STABILITY OF THE BUILDING OR ADJACENT HISTORIC BUILDINGS. THE AREA NEXT TO THE BUILDING FOUNDATION SHOULD BE INVESTIGATED FIRST TO ASCERTAIN POTENTIAL DAMAGE TO SITE FEATURES OR ARCHEOLOGICAL RESOURCES" (PG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

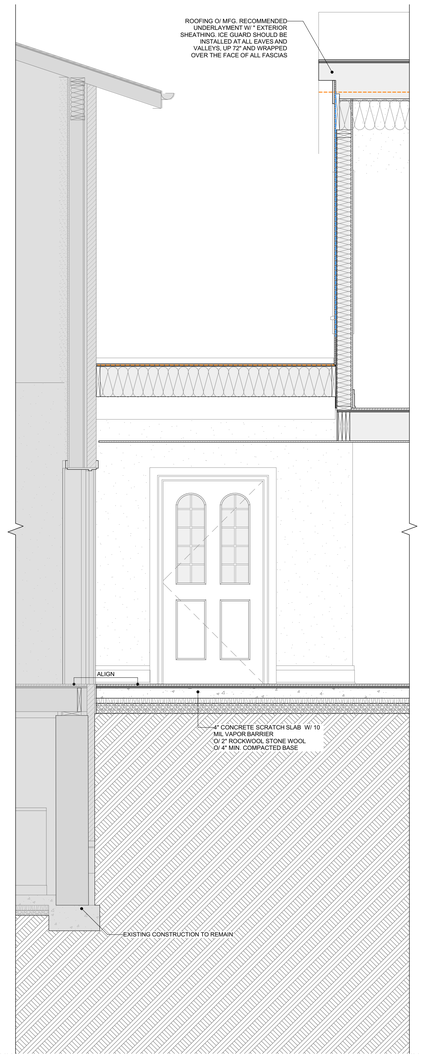
- "CONSTRUCTING A NEW ADDITION ON A SECONDARY OR NON-CHARACTERDEFINING ELEVATION AND LIMITING ITS SIZE AND SCALE IN RELATIONSHIP TO THE HISTORIC BUILDING" (PG 156).

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

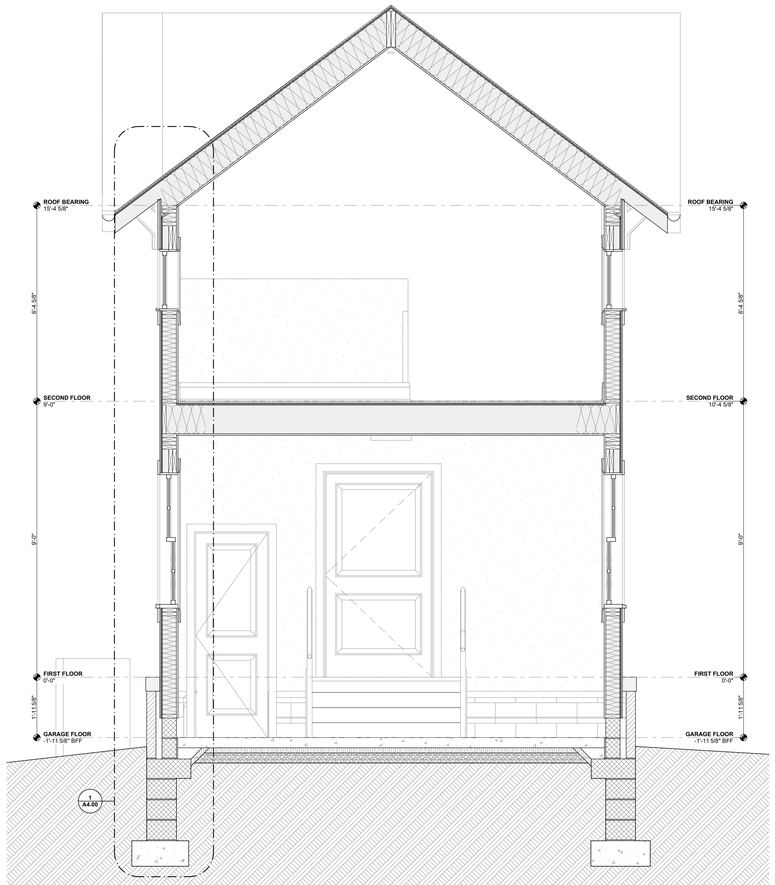
- "INCORPORATING A SIMPLE, RECESSED, SMALL-SCALE HYPHEN, OR CONNECTION, TO PHYSICALLY AND VISUALLY SEPARATE THE ADDITION FROM THE HISTORIC BUILDING" (PG. 157).



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



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



3 BUILDING SECTION
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BUILDING SECTIONS

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RUSSIN
EST. 1957

WESTERN RED CEDAR

BEVEL SIDING
PANELING
TRIM BOARDS
DECKING & 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 rules please visit the website of the Western Red Cedar Lumber Association at www.wrcla.org.

REAL CEDAR

Clear Grades

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

Aye & Better (A&BTR) Permits more imperfections than Clear Heart. Grade is still restricted to pieces with excellent appearance. Pieces are of mixed grain (vertical and flat).

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 This siding grade is recommended when the distinctive charm of a saw textured face is desired. Grade allows limited characteristics that do not detract from serviceability.

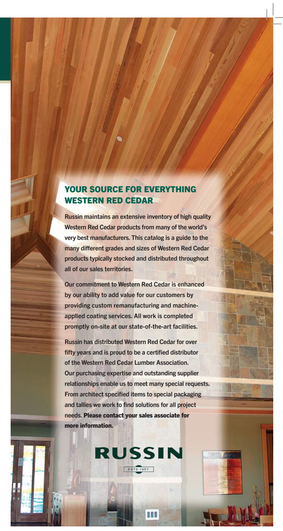
B Clear (BEE) This siding grade permits slightly more numerous and larger growth characteristics. It is nevertheless highly serviceable and often yields short lengths of fine appearance from longer stock.

Knotty Grades

Select Knotty (SK) Knots and other natural features define the visual character of knotty grades. Select knotty grade knots are sound and tight.

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

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



YOUR SOURCE FOR EVERYTHING WESTERN RED CEDAR

Russin maintains an extensive inventory of high quality Western Red Cedar products from many of the world's very best manufacturers. This catalog is a guide to the many different grades and sizes of Western Red Cedar products typically stocked and distributed throughout all of our sales territories.

Our commitment to Western Red Cedar is enhanced by our ability to add value for our customers by providing custom remanufacturing and machine-applied coating services. All work is completed promptly on-site at our state-of-the-art facilities.

Russin has distributed Western Red Cedar for over fifty years and is proud to be a certified distributor of the Western Red Cedar Lumber Association. Our purchasing expertise and outstanding supplier relationships enable us to meet many special requests. From architect specified items to special packaging and tallies we work to find solutions for all project needs. **Please contact your sales associate for more information.**

RUSSIN
EST. 1957

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 typed 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 and sizes typically available with a random length tally. All clear grades are graded on the smooth face with the exception of Rustic which is graded for saw textured use only.

Clear Vertical Grain (CVG) and Aye & Better (A&BTR)
- 1/2" x 4"
- 1/2" x 6"
- 1/2" x 8"
- 3/4" x 4"
- 3/4" x 6"
- 3/4" x 8"
- 3/4" x 10"
- 3/4" x 12"

Rustic
- 1/2" x 6"
- 1/2" x 8"
- 3/4" x 8"
- 3/4" x 10"

B Clear (BEE)
- 1/2" x 6"

Knotty Grades

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

Select Knotty (SK)
- 1/2" x 6"
- 11/16" x 8"
- 3/4 x 10
- 15/16" x 10" Van Spec Skirt

Primed Clear Fingerjoint

Primed fingerjoint bevel siding by Russin is an ideal cost-effective alternative when a painted surface and long lengths are desired. Primed fingerjoint bevel siding provides building contractors and homeowners with the warmth, beauty and natural decay-resistance of real Western Red Cedar, plus the built-in protection of a superior quality primer. Depending upon the size, one or two coats of primer in Cape Cod Gray is machine-applied at our state-of-the-art facility.

Bevel siding is all 16' lengths with a maximum of 10% shiplacks.

Available Grades/Sizes
Clear Vertical Grain (CVG) and Aye & Better (A&BTR)
- 1/2" x 6"
- 1/2" x 8"
- 3/4" x 8"
- 3/4" x 10"
- 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 resawn back.
V4E means v-joints on all four edges.

Clear Vertical Grain (CVG) and Aye & Better (A&BTR) Tongue & Groove (T&G)
- 1" x 4" T&G V4E
- 1" x 6" T&G V4E
- 1" x 8" T&G V4E

Center Matched Tongue & Groove (CM,T&G)
- 1" x 6" 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 resawn back. V2E means v-joints on two edges of the smooth face. V4E means v-joints on all four edges.

Select Knotty (SK), Tongue & Groove (T&G)
- 1" x 4" T&G V2E
- 1" x 6" T&G V2E
- 1" x 6" T&G V4E
- 1" x 8" T&G V2E
- 1" x 8" T&G V4E

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

Shiplap
- 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, fascia, rake, soffits, skirts, 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

Knotty Grades

Knotty trim boards provide a more rustic or casual appearance and are available in a select knotty grade. Listed below are the sizes typically available. Knotty boards are graded on the textured face with a smooth back.

Select Knotty 10-15% Quality
- 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 Fingerjoint

Fortress primed fingerjoint trim boards by Russin are an ideal cost-effective alternative when a painted surface and long lengths are desired. Fortress Trim provides building contractors and homeowners with the warmth, beauty and natural decay resistance of real Western Red Cedar plus the built-in protection of a superior quality primer. One coat of primer in Cape Cod Gray is machine-applied at our state-of-the-art facility.

Fortress Trim is available in 16' lengths with a maximum of 10% shiplacks.

Clear Vertical Grain Fingerjoint (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 BY RUSSIN

Western Red Cedar

DECKING & ACCESSORIES

Kiln-dried Western Red Cedar decking from Russin is available in both clear and knotty grades. Combine with timbers, dimension, posts and timbers to build extraordinary porches, decks, gazebos, 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 sizes typically available.

C and Better Mixed Grain (C& BTR -MG)
- 5/4" x 6" S4SEE

Knotty Grades

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

Select Knotty (SK)
- 5/4" x 4" S4SEE
- 5/4" x 6" S4SEE

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" X 32" S4SEE
- 2" x 2" X 36" S4SEE
- 2" x 2" X 42" S4SEE
- 2" x 2" X 4' S4SEE
- 2" x 2" X 5' S4SEE
- 2" x 2" X 6' S4SEE
- 2" x 2" X 8' S4SEE
- 2" x 2" X 10' S4SEE
- 2" x 2" X 12' S4SEE

Aye and Better (A&BTR)
- 2" x 2" X 36" S4SEE KD (Kiln-Dried)
- 2" x 2" X 48" S4SEE KD (Kiln-Dried)

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 legendary performance of Western Red Cedar make it a great 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 3" 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
- 6" x 6" 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 UFP-Edge Thermally Modified vertical grain Hemlock. The thermal modification process stabilizes the wood, making it less vulnerable to shrinking and seasonal shifts. 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 shifts.

Clear Vertical Grain (CVG) Patterns V2E and Nickel Gap
- 1" x 4"
- 1" x 6"
- 1" x 6"

UFP EDGE

An exceptional siding product made from Western Red Cedar tongue and groove panels with a painted and edge glued back. This engineered real wood siding offers more stability than a solid piece of wood due to its jointed composition, 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 grade.

Fencing Grades

Fencing can be S1S2E or S4S boards in widths from 1x4 thru 1x12 or shorter lengths of decking like 5/4x6x6' or 8'. Fencing can also be shorter lengths of pattern stock like T&G V4E Fineline, Shiplap or Channel. Any length can be used in fencing from 3' to longer, from vertical or horizontal applications, let your imagination decide.

Fencing, Soffits, Sheds or Saunas

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

Select Knotty (SK), Appearance Knotty, #2 & BTR No Hole
Available in 3', 4', 5', 6', 7' & 8' lengths
- 1" x 4" 4', 6' & 8' S1S2E & S4S
- 1" x 6 6', & 8' S1S2E & S4S
- 1" x 8" 6' & 8' S1S2E
- 1" x 10" 6' & 8' S1S2E
- 1" x 12" 6' & 8' S1S2E

PATTERNS
A & BTR, T&G (Tongue & Groove), V4E (Vee 4 Edges), & CM (Center Match)
Available in 3', 4', 6', 7' & 8'
- 1" x 4" V4E & CM
- 1" x 6" V4E & CM

Select Knotty (SK)
Available in 3', 4', 5', 6', 7' & 8'
- 1" x 4" V4E & V2E
- 1" x 6" V4E & V2E
- 1" x 8" V4E & V2E
- 1" x 6" T&G Fineline
- 1" x 8" T&G Fineline
- 1" x 8" Shiplap
- 1" x 8" Channel Rustic
- 1" x 10" Channel Rustic

Garden Boxes

Garden Box stock is available in widths from 2x4 thru 2x12 in both S4S and S1S2E. Lengths start with 4' and 6'at more modest pricing than regular length dimension.
– Knotty is in stock.
– Clear is generally "special order"
– S1S2E is resawn face, smooth back square edge reversible.
– S4S is regular "eased edge"

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

Photo Credit: John Thomas

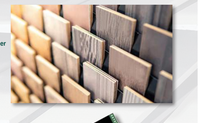
Western Red Cedar

CUSTOM FACTORY FINISHING

We're proud to be certified applicators of both Benjamin Moore and Sherwin Williams products. This means that they've visited our facilities 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 coatings facility. All work promptly completed on-site.



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

From Narrow to Wide and Thick to Thin…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.

Many Different Types of Coatings Are Available Depending Upon The Desired Effect. The Following Benjamin Moore and Cabot Machine-Applied Coatings Are Recommended for Western Red Cedar:

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

Benjamin Moore® Premium Alkyd Semi Transparent Deck & Siding Stain 329
- VOC compliant formula dries to a hard, matte finish within 24-48 hours
- A larger color selection that dries faster

Benjamin Moore® Arborcoat Exterior Stain - Solid 6401
- Suitable for use on all types of wood and composite siding
- Superior UV protection
- Resists blistering, peeling, stains, and scuffs
- Excellent touch-up and re-coat 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
- Ideal for decking & siding
- Available in five colors
- Three-way oil protection for superior penetration

Wood Toned Deck and Siding Stain
- Translucent oil finish that protects and beautifies woods natural appearance
- Available in five colors
- Water repellent, deep penetrating

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

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

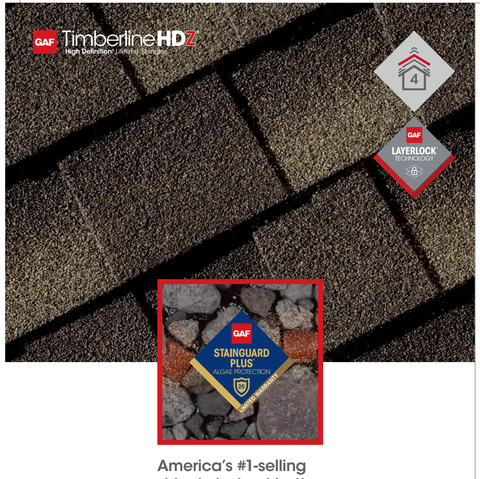
CUSTOM MILLING CAPABILITIES

We're proud of our extensive 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 able to mill any lumber product we sell, or any customer-supplied lumber product we don't sell. When you're asked for a specific pattern, call Russin. We're here to help you say yes.

RUSSIN
EST. 1957

www.russin.com

GAF TimberlineHDZ
High Definition Lifetime Shingles



America's #1-selling shingle just got better — again

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

Benefits:

- **LayerLock® technology** — mechanically fuses the common bond between overlapping shingle layers
- **Up to 99.9% nailing accuracy** — the StrikeZone® nailing area is so easy to hit that a roofer placed 999 out of 1,000 nails correctly in our test[1]
- **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[2]
- **Dura Grip™** sealant pairs with the microgranule surface of the StrikeZone® nailing area, and an asphalt-to-asphalt monolithic bond cures for durability, strength, and exceptional wind-uplift performance
- **25-year StainGuard Plus™ Algae Protection Limited Warranty** against blue-green algae discoloration.[3] Proprietary GAF time-release algae-fighting technology helps protect your shingles from unsightly stains.
- **For the best look** — use TimberTex® premium ridge cap shingles or TimberCrest® premium SBS-modified ridge cap shingles

Colors:

Harvest Blend Colors[4]

Product details:

Product/System Specifics
- Fiberglass asphalt construction
- **Dimensions (approx.):** 13 ¼" x 39 ⅓" (337 mm x 1,000 mm)
- **Exposure:** 5 ⅝" (143 mm)
- **Bundles/Square:** 3
- **Pieces/Square:** 64
- **StainGuard Plus™ Algae Protection Limited Warranty**[3]
- **Hip/Ridge:** TimberTex®, TimberCrest®, Seal-A-Ridge®, ZRidge, Ridglass™
- **Starter:** Pro-Start®, QuickStart®, WeatherBlocker™

Applicable Standards & Protocols:
- Passes UL 2218 Impact-Resistance Test with Class 3 rating
- UL Listed to ANSI/UL 790 Class A
- State of Florida Approved
- Miami-Dade NOA in accordance with ICC-ES AC438
- Meets ASTM D7158, Class H
- Meets ASTM D3161, Class F
- Meets ASTM D3018 Type I
- Meets ASTM D3462[5]
- Miami-Dade County Product Control Approved
- ICC-ES Evaluation Reports ESR-1475 and ESR-3267
- Meets Texas Department of Insurance Requirements
- Rated by the CRRC. Can be used to comply with Title 24 Cool Roof Requirements (some colors)

[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/LWS for qualifying GAF products. [2] Applies to installations of GAF Timberline HDZ® shingles with the Lifetime shingle end of roof (I-) qualifying GAF accessories. See the GAF Roofing System Limited Warranty for complete coverage and restrictions. For installations not eligible to be GAF Roofing System Limited Warranty, see the GAF Shingle & Accessory Limited Warranty. Visit gaf.com/LWS for qualifying GAF products. Results based on study conducted by Home Innovation Research Labs, an independent research lab, comparing installation of Timberline HDZ® Shingles to Timberline HDZ® Shingles are to be applied first, using standard 4-nail nailing pattern and then re-nailed using the 6-nail pattern. [3] 25-year WindProven™ Limited Wind Warranty, StainGuard Plus™, and LayerLock® technology 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/LWS for qualifying GAF products. For installations not eligible for the GAF WindProven® Limited Warranty, see the GAF Shingle & Accessory Limited Warranty. [3] 25-year StainGuard Plus™ Algae Protection Limited Warranty against blue-green algae discoloration. Proprietary GAF time-release algae-fighting technology. See the StainGuard Plus™ logo. See GAF Shingle & Accessory Limited Warranty for complete coverage and restrictions and qualifying products. [4] Harvest Blend colors are only available on TimberNet® Ridge Cap Shingles, Seal-A-Ridge® Ridge Cap Shingles, and TimberCrest® Premium SBS-Modified Ridge Cap Shingles. [5] Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.

LIFETIME LIMITED WARRANTY
AMERICAN DREAM
WINNER 2024 BUILDER'S CHOICE

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.

We protect what matters most™ GAF

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www.pa-architects.com
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Peninsula, Ohio 44264
T 330.657.2800

PROGRESS NOT FOR CONSTRUCTION
2/16/2026

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

PROJECT #: 2501

ISSUE:

AHBR REVIEW	04-01-2025
VARIANCE SET	04-17-2025
PLANNING COMMISSION09-15-2025	
PLANNING COMMISSION10-27-2025	
PLANNING COMMISSION12-17-2025	

SPECIFICATIONS

A6.00

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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

- **Historical details**
  Our most historically authentic line of wood windows and patio doors. Featuring through-stile construction, deliberate proportions and intricate profiles, Pella Reserve - Traditional products are the ideal choice for historical renovations and traditional building projects.
- **Authentic hardware**
  Complement your project with historically authentic spoon-lock window hardware. Our Antiek 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 putty profile, recreated 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, drafters and consultants can work to deliver custom window and door solutions for your project. Partner with Pella to achieve your unique vision without concessions.
- **Intentional innovation**
  Winner of the 2019 Most Innovative Window from Window and Door Magazine, the Integrated Rolscreen® 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 jobsite, 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[1]**
  Pella wood products offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states.
- **Testing 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[2]**
  Pella Reserve products are covered by the best limited lifetime warranty in the business for wood windows and patio doors.[2]

Available in these window and patio door styles:

Special shape windows also available.

** See back cover for disclosures.

Product Specifications

Window & Patio Door Styles	Min. Width	Min. Height	Max. Width	Max. Height	Performance Class & Grades	Performance Values: U-Factor	Performance Values: SHGC	Performance Values: STC	Frame / Install
Awning	13-⅜"	13-⅜"	59"	59"	LC40-CW50	0.25-0.29	0.18-0.47	27-35	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Awning	17"	17"	53"	29"	R45-CW50	0.28-0.32	0.18-0.47	27-30	Pocket Replacement
Casement	13-⅜"	13-⅜"	47"	108"	R35-CW50	0.25-0.29	0.18-0.47	27-34	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Casement	17"	17"	35"	73"	R35-CW50	0.28-0.33	0.18-0.47	27-30	Pocket Replacement
Fixed Casement	10"	10"	144"	144"	R35-CW50	0.25-0.29	0.18-0.47	27-35	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Fixed Casement	17"	17"	59"	73"	R45-CW50	0.28-0.33	0.18-0.47	27-30	Pocket Replacement
Double-Hung	14"	24-¾"	48"	96"	CW30-CW50	0.25-0.30	0.19-0.53	28-35	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Double-Hung	13-⅜"	23-⅜"	48"	84"	CW40-CW50	0.25-0.31	0.19-0.53	26-30	Pocket Replacement
Monumental Hung	13-⅜"	24"	72"	144"	LC25-CW50	0.25-0.30	0.17-0.47	29-34	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
In-Swing Hinged Patio Door (Single)	18"	36"	48"	199-⅛"	LC40-LC55	0.25-0.29	0.14-0.40	31-35	
In-Swing Hinged Patio Door (Double)	36"	36"	96"	119-⅛"	LC40-LC55	0.25-0.29	0.14-0.40	31-35	
Out-Swing Hinged Patio Door (Single)	18"	36"	48"	119-⅛"	R50-LC70	0.25-0.30	0.14-0.39	30-36	
Out-Swing Hinged Patio Door (Double)	36"	36"	96"	119-⅛"	R50-LC70	0.25-0.30	0.14-0.39	30-36	
Sliding Patio Door (O)	30-⅜"	74"	60-⅜"	119-⅛"	LC40-LC70	0.29-0.32	0.15-0.42	--	
Sliding Patio Door (OX, XO)	59-⅜"	74"	119-⅛"	119-⅛"	LC35-LC65	0.29-0.32	0.15-0.42	29-35	
Sliding Patio Door (OXO)	90"	74"	180"	119-⅛"	LC30-LC45	0.29-0.32	0.15-0.42	--	
Sliding Patio Door (OXXO)	116-½"	74"	236-½"	119-⅛"	LC25-LC40	0.29-0.32	0.15-0.42	--	
Multi-Slide Patio Door	40-⅜"	50-⅜"	701-½"	119-⅛"	R15-LC25[1]	0.30 - 0.36	0.15 - 0.46	31	For more info visit PellaADM.com
Bifold Patio Door	31-⅜"	55-⅜"	312"	119-⅛"	R15-LC25[1]	0.26-0.44	0.13-0.45	--	

Window sizes available in 1/8" increments
Special sizes available. For more information regarding performance, visit pella.com/performance. For more information regarding frame and installation types, visit PellaADM.com.

Grilles

Integral Light Technology®

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

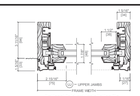
Putty Glaze Exterior with Ogee Interior[1] 7/8", 1-1/4" or 2"

Putty Glaze Exterior with Ogee Interior[1] 7/8", 1-1/4" or 2"

Ogee Exterior with Ogee Interior[1] 7/8", 1-1/4" or 2"

Cross Sections

Cross Sections



Optional Fold-out Installation Fin

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

** See back cover for disclosures.

Window Hardware

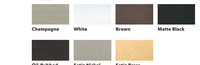
Classic Collection

Get a timeless look with authentic styles in classic finishes.

Fold-away Crank
Antiek

Spoon-Style Lock

Finishes:



Champagne | White | Brown | Matte Black | Oil-Rubbed Bronze | Satin Nickel | Satin Brass

Rustic Collection

Create a distinct and charming look with distressed finishes.

Fold-away Crank
Antiek

Spoon-Style Lock

Finishes:

Distressed Bronze | Distressed Nickel

Essential Collection

Select from popular designs and finishes to suit every style.

Fold-away Crank

Cam-Action Lock

Finishes:

Champagne | White | Brown | Matte Black | Oil-Rubbed Bronze | Satin Nickel | Satin Brass

Patio Door Hardware

Classic Collection

BALDWIN

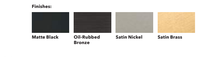
Choose timeless pieces, created in collaboration with Baldwin® Hardware, for a look that will never go out of style.

Hinged & Bifold Patio Door Handle
Antique

Sliding & Multi-Slide Patio Door Handle
Antiqued

Multi-Slide Patio Door Handle[**]

Finishes:



Matte Black | Oil-Rubbed Bronze | Satin Nickel | Satin Brass

Essential Collection

Elevate your style and transform a home with elegant selections.

Hinged & Bifold Patio Door Handle
Standard

Sliding Patio Door Handle
Standard

Multi-Slide Patio Door Handle[**]

Finishes:

Champagne | White | Brown | Matte Black | Oil-Rubbed Bronze | Satin Nickel | Satin Brass

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

** See back cover for disclosures.

Colors

Wood Types

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

Pine | **Custom solutions:** Douglas 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 | Early American Stain | Provincial Stain | Dark Mahogany Stain | Red Mahogany Stain | Espresso Stain | Charcoal Stain | Black Stain

Extruded 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.[4]

Black | White | Brown | Fossil | Iron Ore | Portobello | Putty | Almond | Classic White | Brick Red | Hartford Green | Pearl Gray | Soft Linen | Satin Steel | Matte Gray | Wolf Gray | Spice Red | Sage | Frost Blue | Blue 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 post-installation drilling. Sensors can be monitored via the free Pella® Insynctive® App and are compatible with major security panel systems.[5] 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.[2]

1 Some Pella products may not meet ENERGY STAR® guidelines in Canada. For more information, contact your local Pella sales representative or go to energystar.gc.ca.
2 Based on competing written limited warranties of leading national wood window and wood patio door brands. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty or contact Pella Customer Service.
3 Refrigerated aluminum-clad exterior color.
4 Color-matched to your product's interior and exterior color.
5 Multi-multi slide handle is a Pella exclusive design.
6 Requires the Insynctive Bridge and a wireless home router.
7 EnduraClad Plus protective finish is not available with all colors. See your local Pella sales representative for availability.
8 Requires the Insynctive App on a smart device, an Insynctive Bridge and a wireless home router with internet connection.

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Peninsula
www.pa-architects.com
1775 Main Street
Peninsula, Ohio 44264
T 330.657.2800

PROGRESS NOT FOR CONSTRUCTION
2/16/2026

PROJECT TEAM:
PENINSULA ARCHITECTS
CIVIL ENGINEER:
GUTOSKEY AND ASSOCIATES
P 406.543.6900
STRUCTURAL ENGINEER:
ORAVEC DESIGN BUILD
P 330.552.8211
MEP ENGINEER:
DENK ASSOCIATES
P 216.531.8880

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

PROJECT #: 2501

ISSUE:
AHBR REVIEW 04-01-2025
VARIANCE SET 04-17-2025
PLANNING COMMISSION09-15-2025
PLANNING COMMISSION10-27-2025
PLANNING COMMISSION12-17-2025

SPECIFICATIONS

A6.01

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Printed: Monday, February 16, 2026

City of Hudson, Ohio

Staff Report

File Number: AHBR 8424

Meeting Date: 2/25/2026 **Version:** 2 **Status:** Agenda Ready

In Control: Architectural & Historic Board of Review **File Type:** AHBR Application

1957 Norton Rd (Informal)
New House (Single Family Dwelling)
Submitted by Matthew Neff

a) *Section I-2(b) of the Architectural Design Standards state that new buildings and alterations shall respect the existing context and framework. Staff notes the overall design is not compatible with the existing architectural framework of this area. Suggest incorporating gable roofs, a more prominent and central front entryway, and window and door trim to be more compatible.*
b) *Question if the house design could be rotated to provide a greater setback to the western property line and reduce impacts to wetlands and wetland setbacks.*
c) *The Land Development Code requires the front setback to be within the average of the two adjacent properties and not differ by more than ten percent from the front yard setbacks of the two properties immediately adjacent to the subject property, unless approved by the AHBR. Staff notes the proposed house would have a front setback of 180 ft. The property to the west has a front yard setback of approximately 300 ft. The property to the east has a front yard setback of 840 ft; however, this is a flag lot with only 60 ft of frontage. The next home to the east has a setback of 35 ft.*
d) *Section IV-4(b)(2) of the Architectural Design Standards state "The front face of the main body must sit forward at least 18" from the front face of the wings." Staff notes the proposed wing is in line with the main mass. Revise the massing to meet this requirement.*
e) *Section III-1(g)(8) of the Architectural Design Standards state "large expanses of blank wall are to be avoided". Fenestration placement should be at a minimum of approximately every 12 ft." Incorporate additional fenestration placement to meet this requirement.*
f) *Section IV-4(c) of the Architectural Design Standards state "all roofs in all the wings must be of the same shape as the main body". " Staff notes that a flat roof is proposed for the garage wing while the main house has a shed roof.*
g) *Section IV-4(b)(2) of the Architectural Design Standards state "the building shall have a typical window used for most windows. Revise the overall window designs to meet this requirement.*
h) *Verify exposed foundation material.*

..

SITE IMPROVEMENT PLAN

SITUATED IN THE CITY OF HUDSON, COUNTY OF SUMMIT AND STATE OF OHIO AND KNOWN AS BEING PART OF LOT 7 OF SAID TOWNSHIP.

OHIO Utilities Protection SERVICE
Call Before You Dig
(800) 362-2764

NOTES:

XXXX* PROPOSED GRADE
XXXX EXISTING ELEVATION
XXXX EX. CONTOUR
XXXX PROP. CONTOUR
INDICATES DIRECTION OF SURFACE WATER AFTER FINAL GRADING.
BENCH MARK: TOP OF HYDRANT SOUTH SIDE OF NORTON ROAD ELEVATION = **1078.78** (NAVD 1988)
⊙ PROPERTY PIN SET OR FOUND
—x—x—x— SILT FENCE or SILT SOCK

CONNECTIONS:

(A) = USE 1" TYPE "K" COPPER
(B) (C) = USE 6" PVC SDR 35 w/ GASKETS 1% MIN., 10% MAX.
PREMIUM FILL FOR ALL UTILITY TRENCHES UNDER PROPOSED DRIVEWAY AND WALKS.

NORTH

GRAPHIC SCALE
30 15 0 30
(IN FEET)
1 INCH = 30 FT.

DEC. 4, 2025

P.N. 30-05948
BUILDON LLC
DOC. No. 56360038
1920 GEORGETOWN RD.

N89°57'13"E 400.10
200.10
200.00
1" I. PIPE FD.
1" I. PIPE FD.
5/8" I. PIN FD.

P.N. 30-02016
PATRICK M. RILEY, JR.
and
MEGAN RILEY, CO-TRUSTEES
DOC. No. 56897050
1939 NORTON RD.

P.N. 30-01240
BEKTIC CAPITAL HOLDINGS LLC
1957 NORTON ROAD
261,100 SQ. FT.
5.9940 ACRES
(including 0.1376 Ac. in R.O.W.)

P.N. 30-09759
KENNETH G. KURYLA and JOYCE M. KURYLA, TRUSTEES
DOC. No. 56336213
1975 NORTON RD.

N00°22'17"W 1277.03
N00°21'40"W 1305.21 to C/L
1275.21
1307.03 to C/L

EXISTING FRAME BUILDING
GRASS
WETLANDS
WOODS
EDGE OF WOODS
C/L DRAIN
CONCRETE BRIDGE
GRAVEL DRIVE
BRICK DRIVE
50' RIPARIAN SETBACK
FIRST FLOOR 1080.67* (SLAB)
24" GARAGE FLOOR 1080.67*
6" INV. 1076.9*
6" INV. 1076.6*
6" STM. @ 1.0%
5.0%
34.±
15.0
180.0
53.7
53.1
36" INV. 1070.41
EDGE OF WETLANDS
CONCRETE HEADWALL
12" CONC.
199.79
60.38
30.00
R/W
1" I. PIN FD. 29.50 PERP. C/L
5/8" CAPPED (CAMPBELL) I. PIN FD.
5/8" CAPPED (6439-6458) I. PIN FD.
6" STEEL L#26
6" STEEL L#177
8" SAN.
STUB
200.00
N89°25'56"E
SAN. M.H.
RIM 1078.79
8" INV. 1072.14 W
8" INV. 1072.19 E
8" INV. 1073.29 S
12" INV. 1072.55 W
12" INV. 1078.79 E
STOW OWNED 16" WATER MAIN

IMPERVIOUS SURFACE COVERAGE:

POST-DEVELOPMENT	4,307 S.F.	1.6%

NOTES:

MINIMUM FALL AWAY FROM HOUSE IS 6 INCHES IN 10 FEET.

MAINTAIN POSITIVE YARD DRAINAGE (TO SWALES, YARD DRAINS, NATURAL WATERCOURSES OR STREET) ACROSS.

VERIFY MINIMUM SLOPE OF 1% FROM BOTTOM OF FOOTER TO STORM AND SANITARY LATERALS. IF 1% CANNOT BE ACHIEVED, CONTACT CITY ENGINEER.

UNDERGROUND INFORMATION SHOWN TAKEN FROM IMPROVEMENT PLANS AND TYPE, SIZE AND ELEVATIONS TO BE VERIFIED IN FIELD BY CONTRACTOR PRIOR TO CONSTRUCTION.

CONTRACTOR MUST CHECK BENCH MARK WITH PERMANENT GRADE BEFORE ANY EXCAVATION OR WORK IS STARTED.

THE SITE SHALL COMPLY WITH "SPECIFICATIONS FOR INDIVIDUAL LOT PROTECTION" AND "EROSION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES".

THERE SHALL BE NO DISTURBANCE OF ANY KIND OR STORAGE OF MATERIALS TO OCCUR BEYOND THE SILT FENCE.

A/C UNIT WILL BE LOCATED OUT OF PUBLIC VIEW.

STEP FOOTERS AS NEEDED.

MUD, SOIL AND OTHER DEBRIS SHALL NOT BE DEPOSITED ONTO PUBLIC ROADWAYS. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF SUCH AS DIRECTED BY THE CITY OF HUDSON.

CONTRACTOR SHALL MINIMIZE IMPACT TO SURROUNDING RESIDENCES. VEHICLES AND EQUIPMENT SHALL NOT BE PARKED IN ROADWAY BLOCKING ADJACENT PROPERTIES.

CONTRACTOR TO VERIFY STORM AND SANITARY CONNECTION DEPTHS BEFORE BASEMENT EXCAVATION.

THIS PLAN FOR SITE PURPOSES ONLY, SEE FOUNDATION PLAN FOR HOUSE DETAILS. HOUSE PLANS USED DATED **9/21/22**.

— — — TREES (OR GROUPING OF TREES) SHALL BE PROTECTED BY 4' ORANGE CONSTRUCTION FENCE ERECTED AT DRIP LINE.

Dimensions shown hereon are expressed in feet and decimal parts thereof. Monuments were found or set as indicated hereon. Bearings shown are based upon State Plane Grid North, NAD 83 (2011), Ohio North Zone. Tied by GNSS to O.D.O.T. VRS., all of which I certify to be correct to the best of my knowledge and belief.

Richard J. Kole, Reg. Surveyor #7889 — Date 12/4/25

STATE OF OHIO · RICHARD J. KOLE 7889 · REGISTERED PROFESSIONAL SURVEYOR

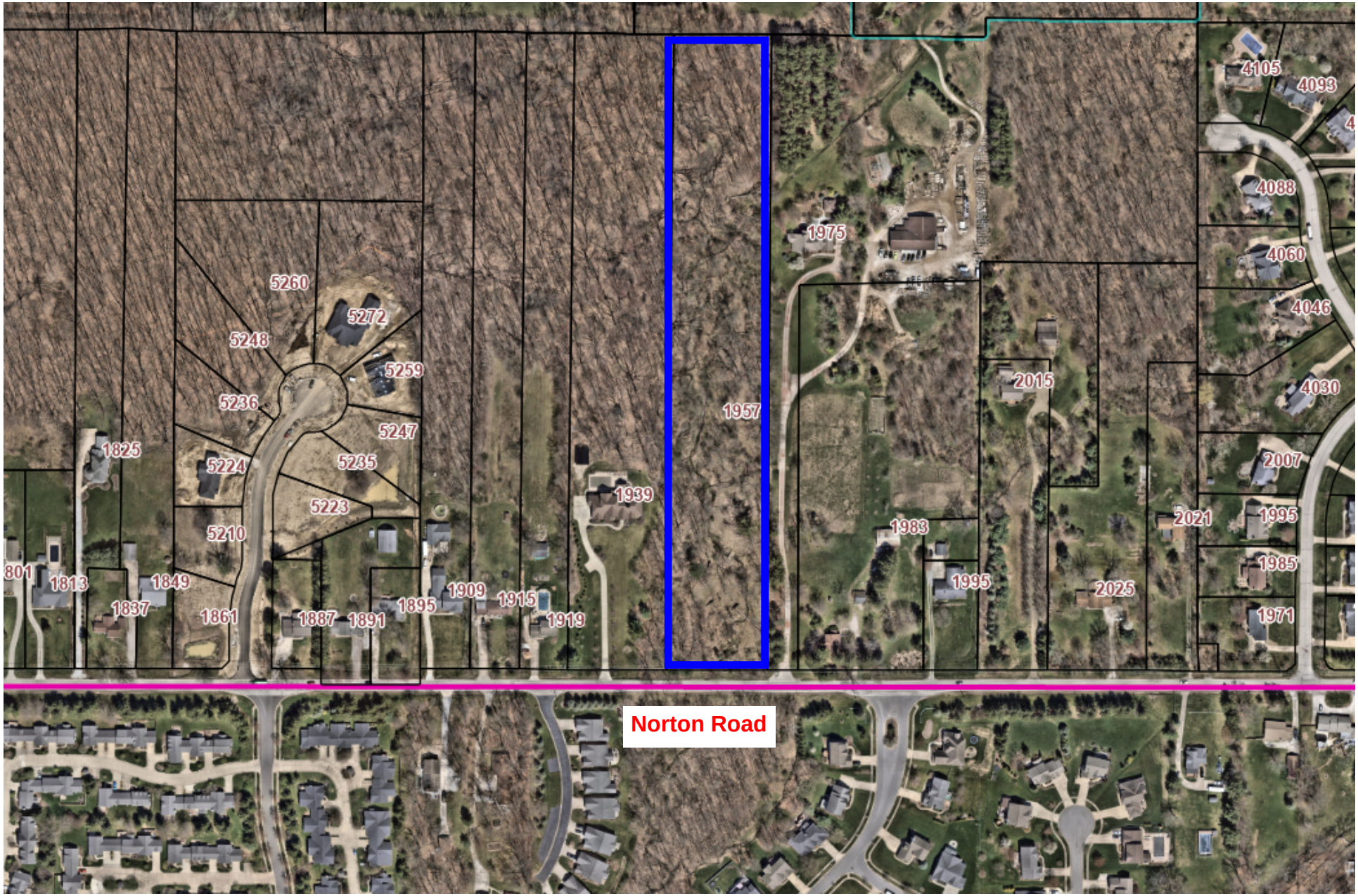
BENCH MARK TOP OF HYD. = **1078.78**

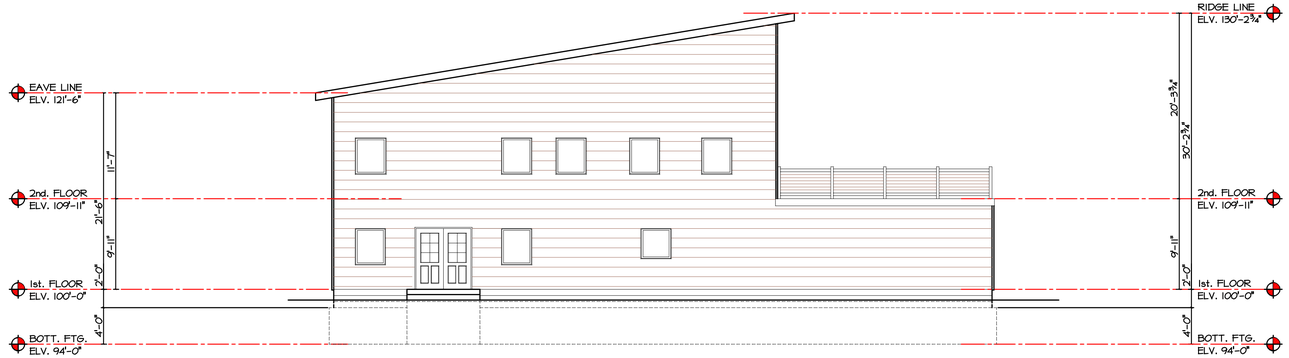
NORTON ROAD 60' (C.H. 120)

Prepared by:
RMKOLE & ASSOC. CORP.
surveyors • consultants • planners • utilities • osp
5316 Ridge Road – Cleveland, Ohio 44129
Phone 440.885.7137 – Fax 440.885.7139
www.kolesurvey.com

File No. 25202 TOPO

Project Location



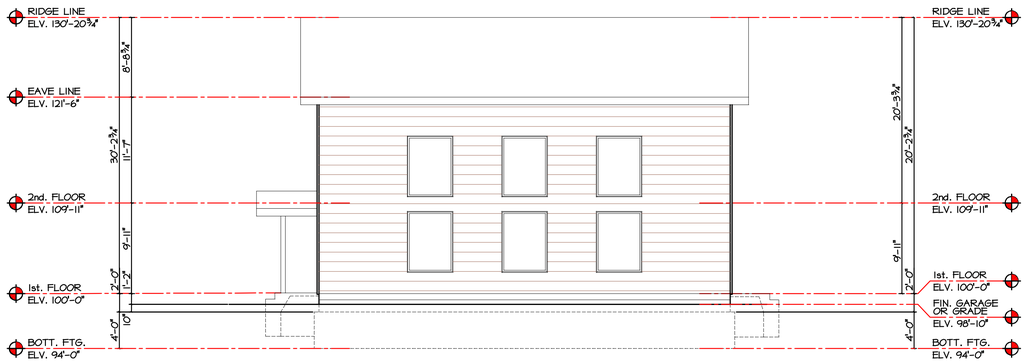


West (Side) Elevation

1/8"=1'-0"

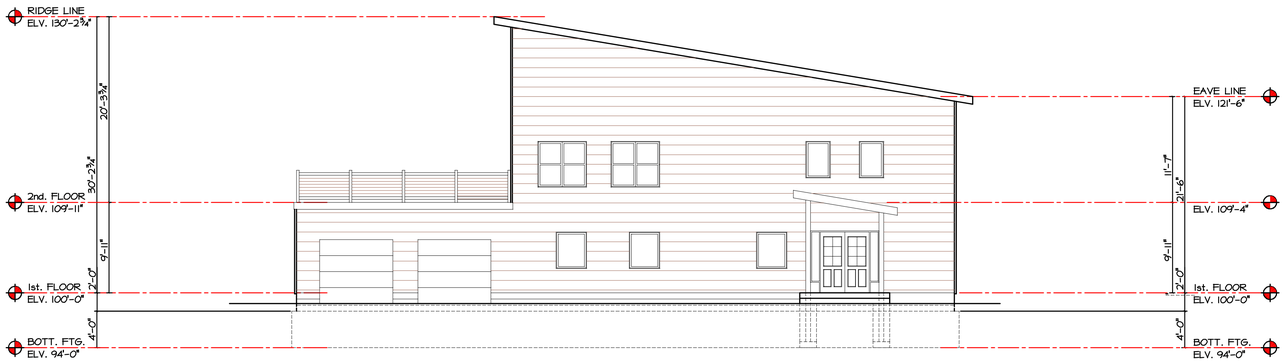
South(Front) Elevation

1/8"=1'-0"



North (Rear) Elevation

1/8"=1'-0"



East (Side) Elevation

1/8"=1'-0"

GENERAL NOTES:

1. SEE DRAWINGS ARCH. & MEP's DRAWINGS FOR TYPICAL CONSTRUCTION INDICATED BUT NOT NOTED.
2. BUILDING ELEVATIONS INDICATED INTERIOR FINISH FLOOR ELEVATIONS AND ASSUMES ELEVATION xxx.xx' (100'-0") IS THE START OF MASONRY COURSING. ADJUST FOUNDATIONS, COLUMNS, ETC. INCONJUNCTION WITH ANY FIELD CONDITIONS INCOUNTERED AS DIRECTED BY ARCHITECT/OWNER.
3. DOWNSPOUNTS NOT SHOWN FOR CLARITY SEE ROOF PLAN DRWAING A-3 FOR LOCATION OF ALL DOWNSPOUTS.

STATE OF OHIO
WILLIAM L BELLOMA 7281
REGISTERED ARCHITECTS

William Belloma #8307261
Expiration Date 12/31/23

DWG. NO. A-3

DATE Jan. 12, 2026

REVISION

Belloma Consulting
6922 Cornell Blvd. North Ridgeville Ohio 44039 (216)390-0606

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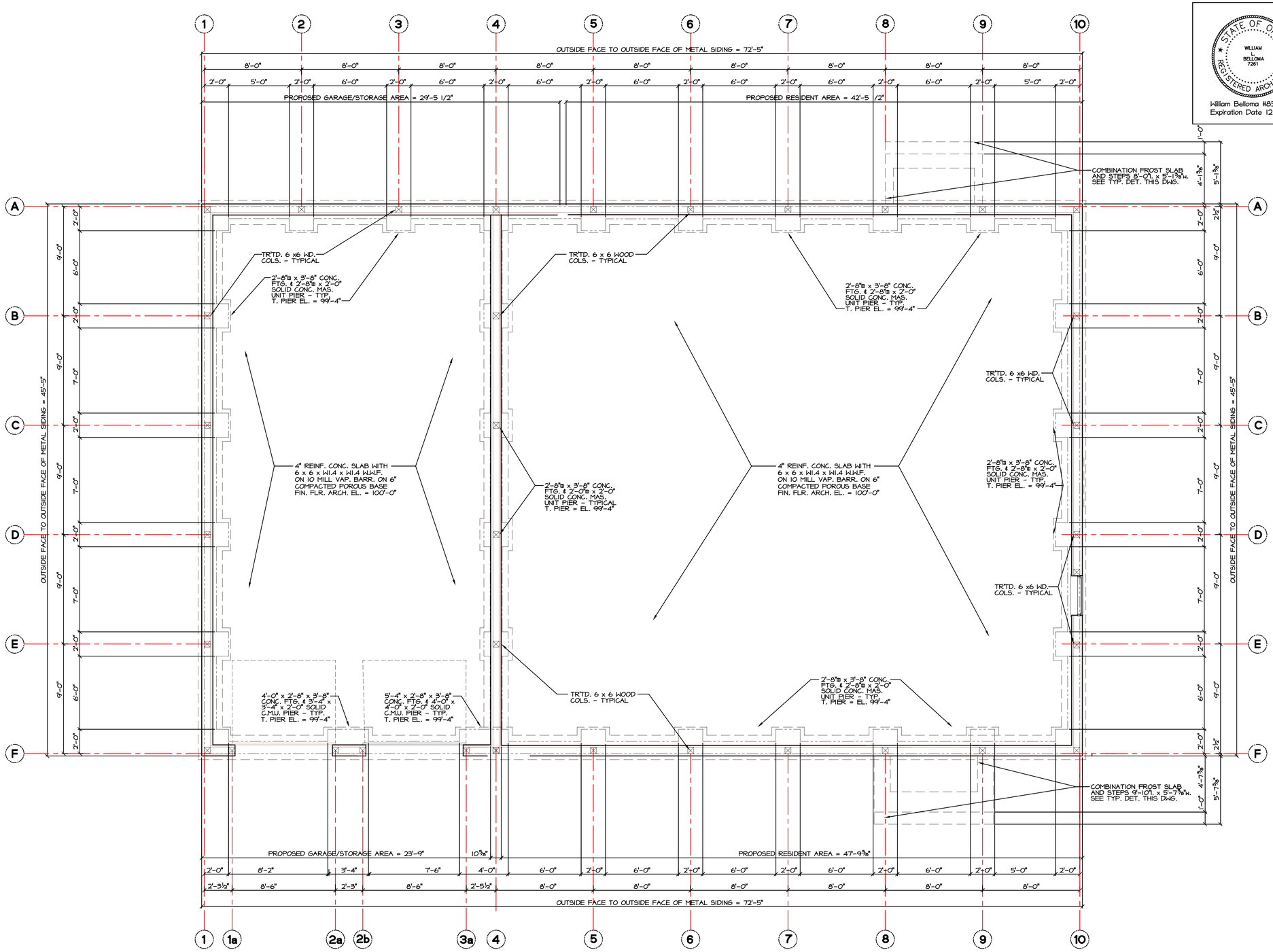
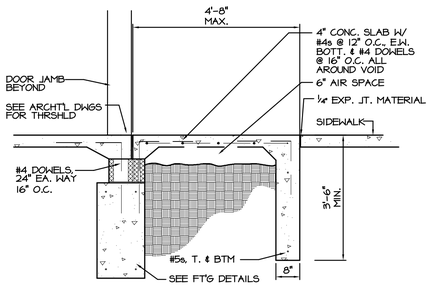


Foundation Floor Plan

1/4"=1'-0"



Typical Frost Slab Detail

1/2"=1'-0"

STATE OF OHIO
WILLIAM BELLOMA 7261
REGISTERED ARCHITECTS
William Belloma #8307261
Expiration Date 12/31/17

DWG. NO. A-1

DATE Jan. 12, 2026

REVISION

Belloma Consulting

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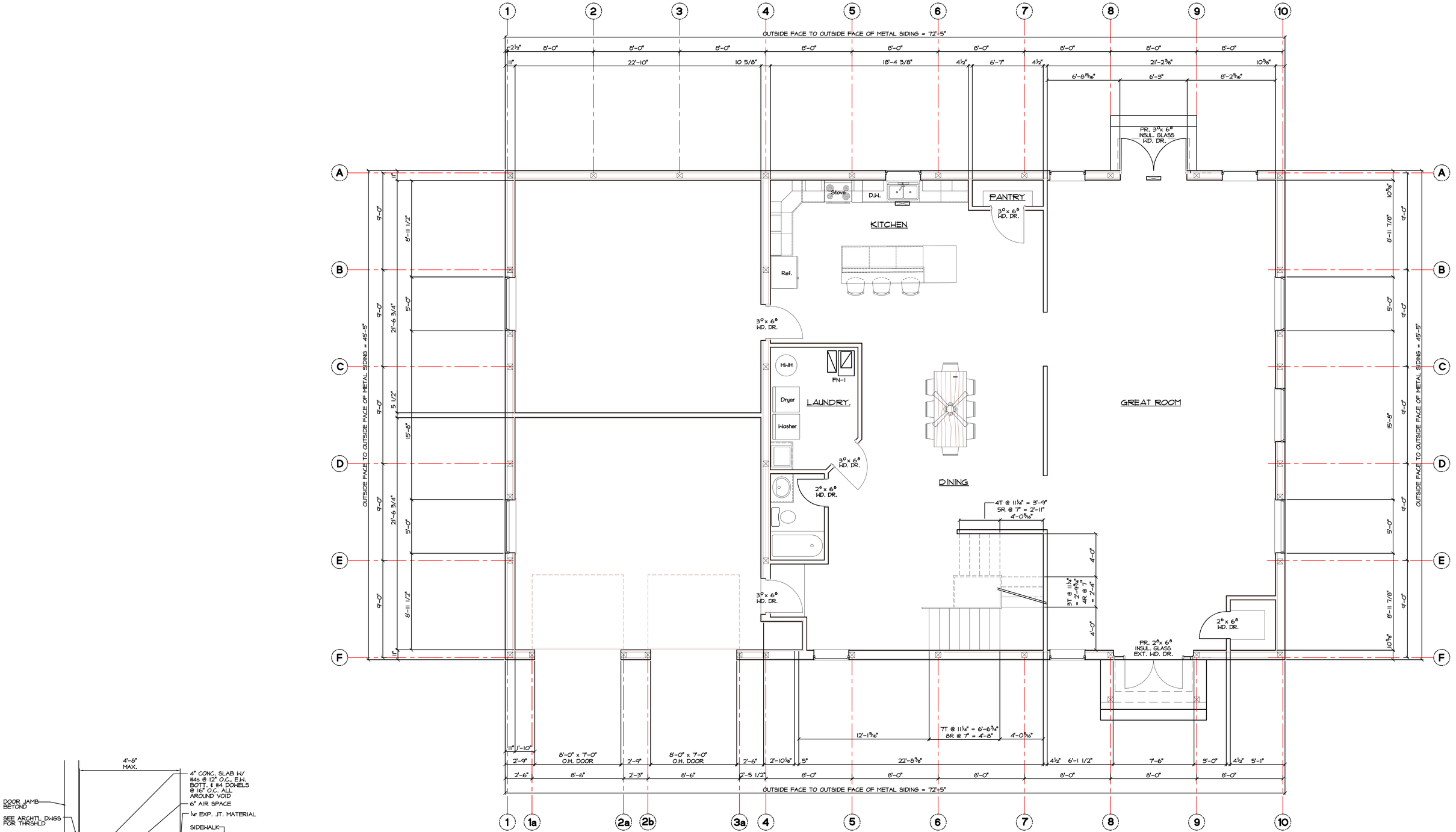
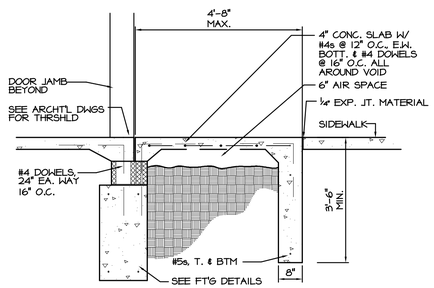


1st. Floor & 2nd.Framing Plan

1/4"=1'-0"

NORTH



Typical Frost Slab Detail

1/2"=1'-0"

DWG. NO. A-1.2

DATE Jan. 12, 2026

REVISION

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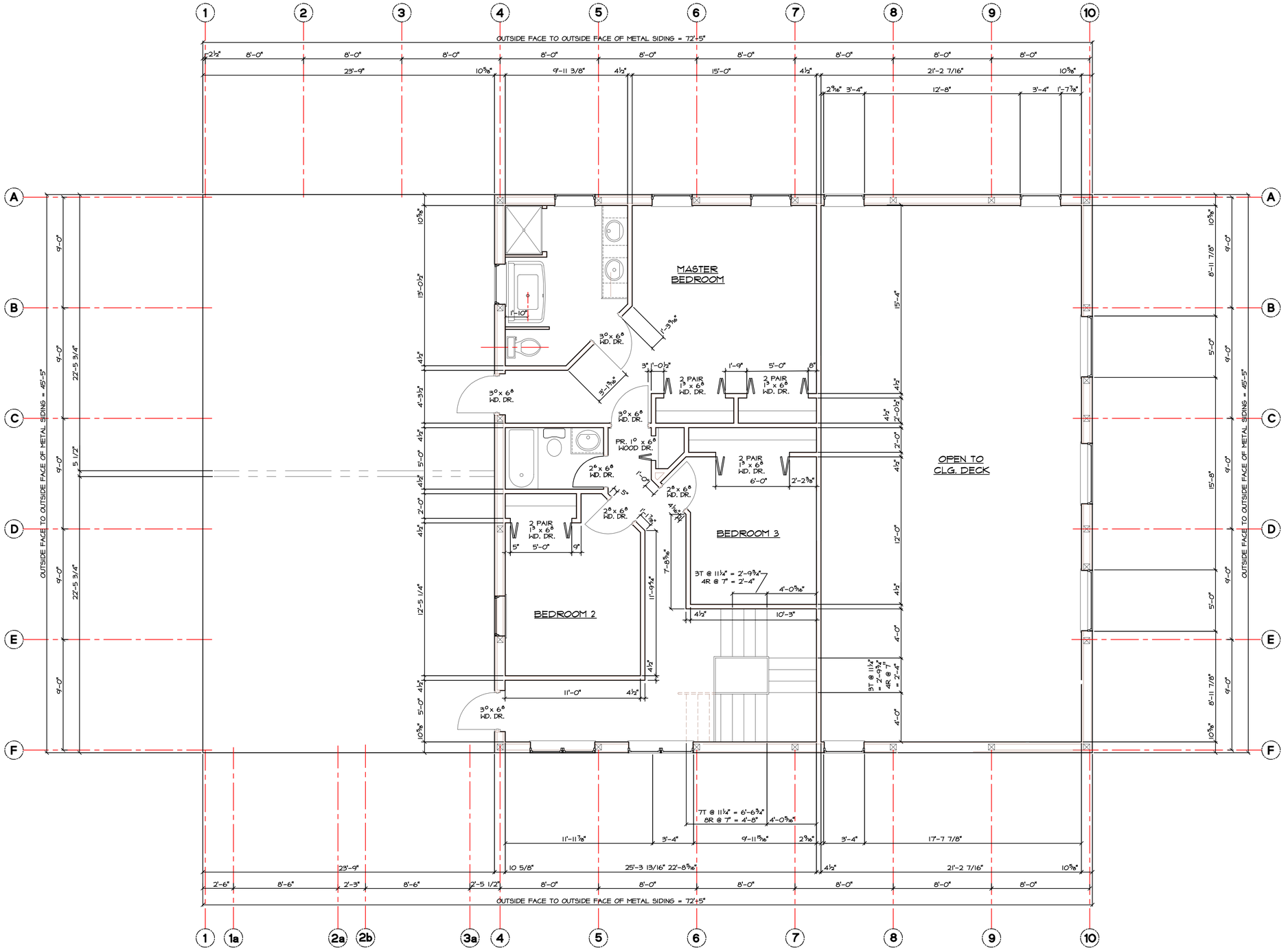
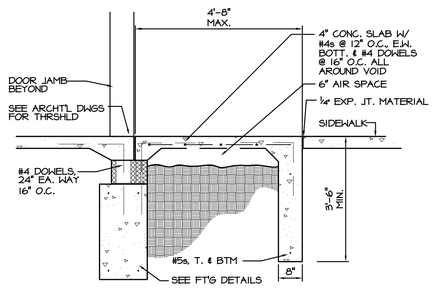


2nd. Floor & Roof Framing Plan

1/4"=1'-0"

NORTH



Typical Frost Slab Detail

1/2"=1'-0"

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DWG. NO. A-1.3

DATE Jan. 12, 2026

REVISION

City of Hudson, Ohio

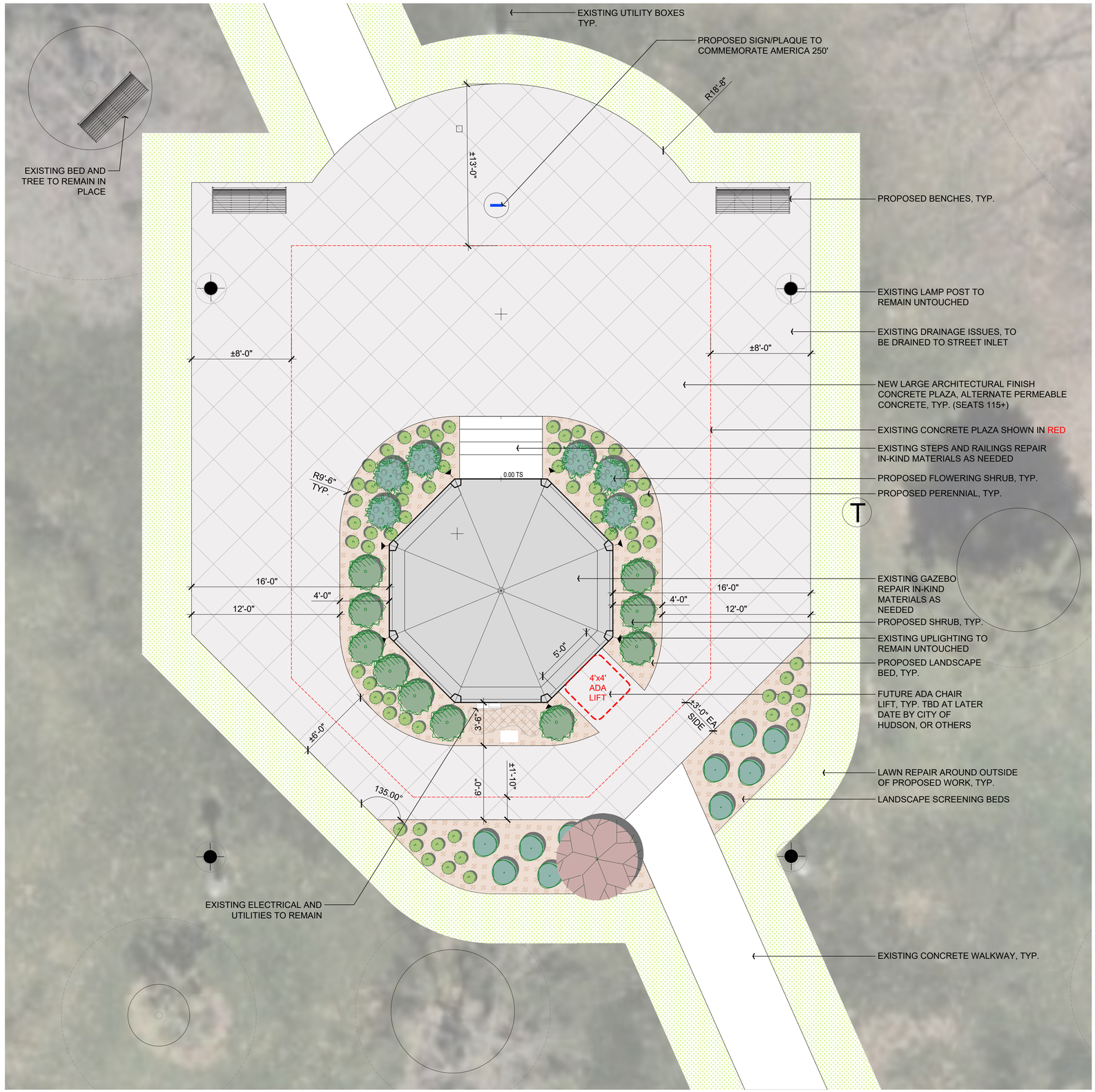
Staff Report

File Number: AHBR 26-69

Meeting Date: 2/25/2026 **Version:** 2 **Status:** Agenda Ready

In Control: Architectural & Historic Board of Review **File Type:** AHBR Application

11 S Main Street (Gazebo Green - Historic District)
Alterations (Downtown Gazebo)



SITE PLAN - OPTION I

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

0' 2' 4' 8'

BIRDSEYE VIEW #1

BIRDSEYE VIEW #2

BIRDSEYE VIEW #3

GENERAL NOTES - OPTION I CHARACTERISTICS

DESIGN INTENT
- IMPROVED LOWER PLAZA

PLAZA
- EXISTING CONCRETE WALKWAY TO BE REMOVED & REPLACED WITH MID-SIZED TERRACE
  - FITS +/- 115 SEATS
- INTRODUCE PREMIUM MATERIALS
  - ARCHITECTURAL FINISHED CONCRETE
- INTRODUCE SOME FURNISHINGS INTO SPACE
- EXISTING AREA: ±870 SF
- PROPOSED AREA: ±1,940 SF

ACCESS TO GAZEBO
- EXISTING CONDITIONS TO REMAIN

GAZEBO & CONTEXT
- LIGHTING TO REMAIN
- INTERIOR RAILINGS AND BENCHES TO REMAIN
- EXISTING UTILITIES TO REMAIN UNDISTURBED
- NEW LANDSCAPE BED TO BE CREATED & NEW PLANTINGS INSTALLED

HUDSON GAZEBO

Landscape Improvements

11 Main Street
Hudson, Ohio 44236

kgk Landscape Architecture & Construction

1936 Georgetown Rd.
Hudson, OH 44236 t: 330.650.4337
kgkandco.com e: info@kgkandco.com

in association with

Client:
Jena Stasik, MPA
Community Relations Manager
1140 Terex Road
Hudson, Ohio 44236
c: 330.655.1522
E: Jstasik@hudson.oh.us

COPYRIGHT © 2026 KGK AND COMPANY

seal/signature:

STATE OF OHIO · DEREK KURTZ · 2401 · REGISTERED LANDSCAPE ARCHITECT

not for construction

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revisions	date	description
1		

key plan:

Original drawing is 24" x 36". Do not scale contents of this drawing.

issue date: February 17th, 2026
phase: Design Development Phase
issued for: Design Review
project number: HUD 110 25
sheet title:

SITE PLAN - OPTION I

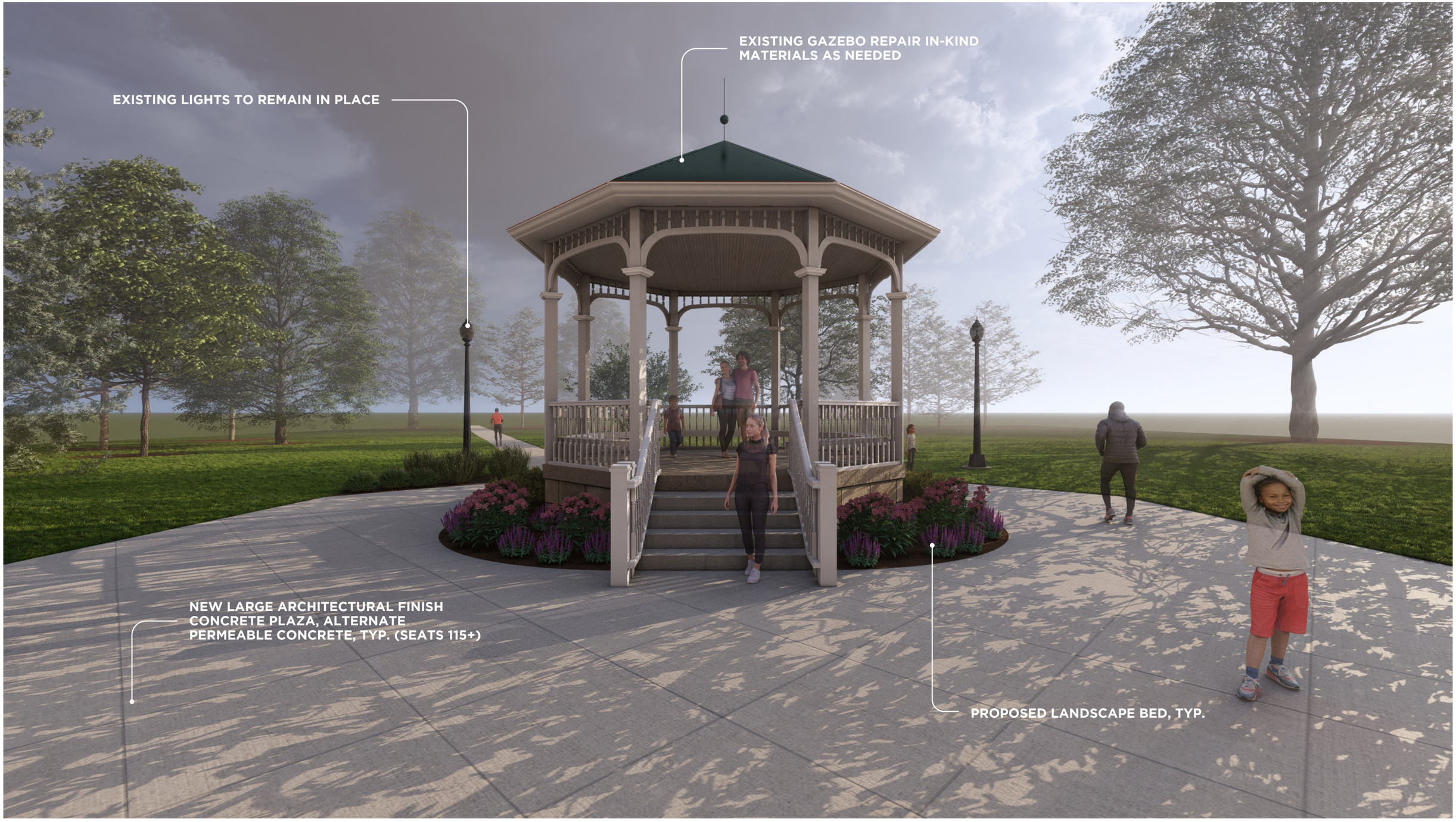
sheet number:

L-110

Tuesday, February 17, 2026 12:57:17 PM CITY OF HUDSON - BS

CITY OF HUDSON GAZEBO - OPTION I

CITY OF HUDSON GAZEBO - OPTION I



CITY OF HUDSON GAZEBO - OPTION I

1.0 Reference and Address			
Report Number	105407616CHI-001	Original Issued: 6-Dec-2024	Revised: 27-Jan-2026
Standard(s)	Elevator and Escalator Electrical Equipment [ASME A17.5:2019 Ed.6] Elevator and Escalator Electrical Equipment [CSA B44.1:2019 Ed.6] Platform Lifts and Stair Lifts for Barrier-free Access [CSA B355:2019 Ed.7] Safety Standard for Platform Lifts and Stairway Chairlifts [ASME A18.1:2020 Ed.8]		

Applicant	Liftup North America Inc	Manufacturer 1	**Liftup A/S**
Address	5626 56th Commerce Park Blvd Tampa, FL 33610	Address	Hagensvej 21 Stovring, 9530
Country	USA	Country	Denmark
Contact	Benny Rasmussen Michaela Hayward	Contact	Rene Vestergaard
Phone	813 860-7000 813 767-4102	Phone	+45 9686 3020
FAX	813 443-5113	FAX	NA
Email	br@liftup.us mha@liftup.us	Email	mail@liftup.dk

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2.0 Product Description	
Product	Vertical Platform Lift
Brand name	Liftup
Description	The product covered by this report is a commercial and residential vertical platform that can be used both indoors and outdoors. These lifts are cord connected (external power supply) and battery backed in case of an outage. These units are intended to be bolted to a wall to prevent unwanted movement and they are installed in accordance with all applicable electrical codes
Models	FlexStep V2, EasyLift V3
Model Similarity	FlexStep models are capable of transforming into stairs when not in use, where EasyLift models can not and they also differ by overall design. Flexstep models are available in 4 widths with 8 step configurations where EasyLift models are available in 3 widths
Ratings	100 - 240Vac, 90W max, 50/60Hz
Other Ratings	Max Load: 880lbs / 400Kg Max Occupancy: 2 persons Max height: Flexstep V2: 1295mm, EasyLift V3: 1350mm max

3.0 Product Photographs

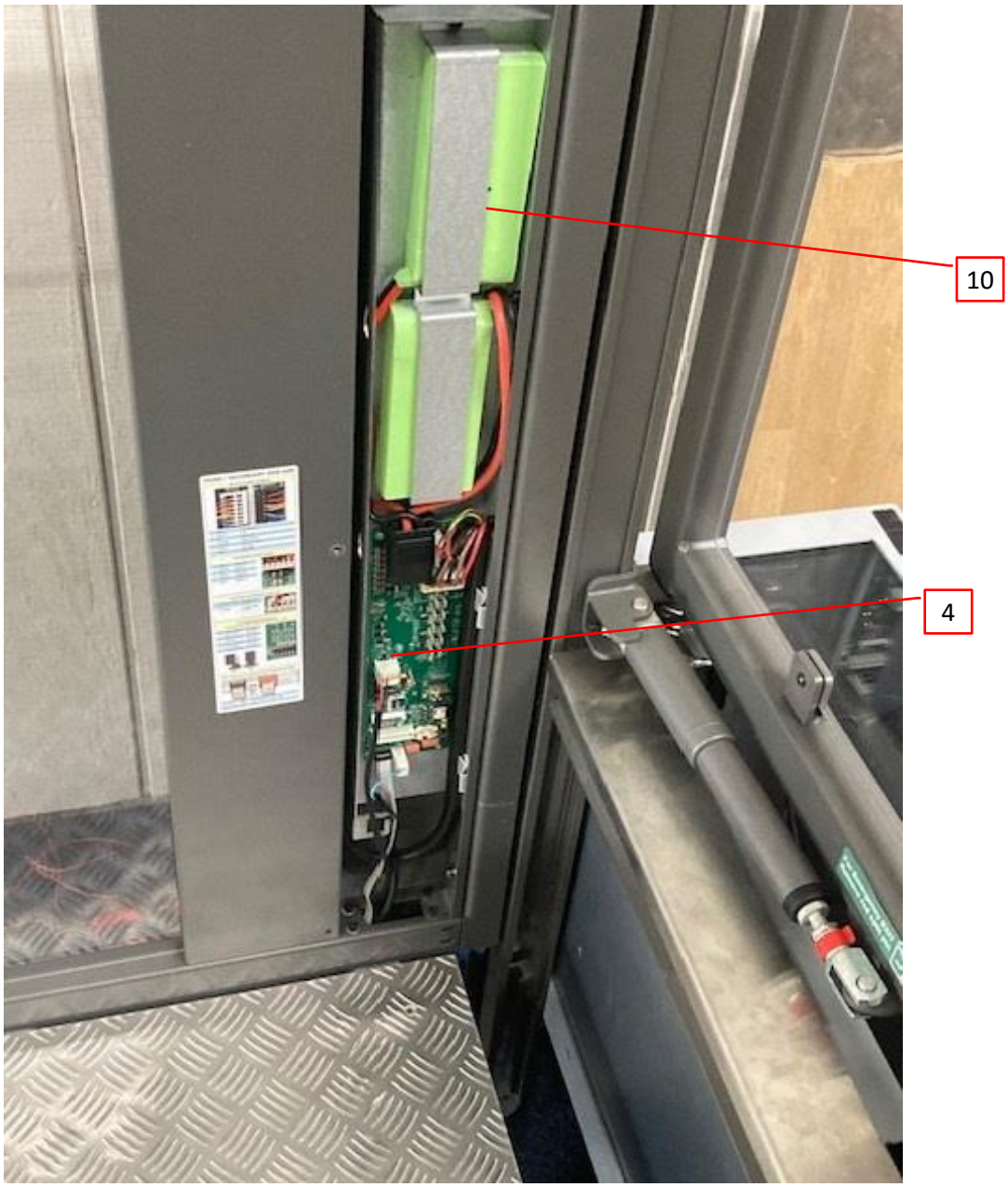
Photo 1 - External view of EasyLift

3.0 Product Photographs

Photo 2 - External view of FlexStep

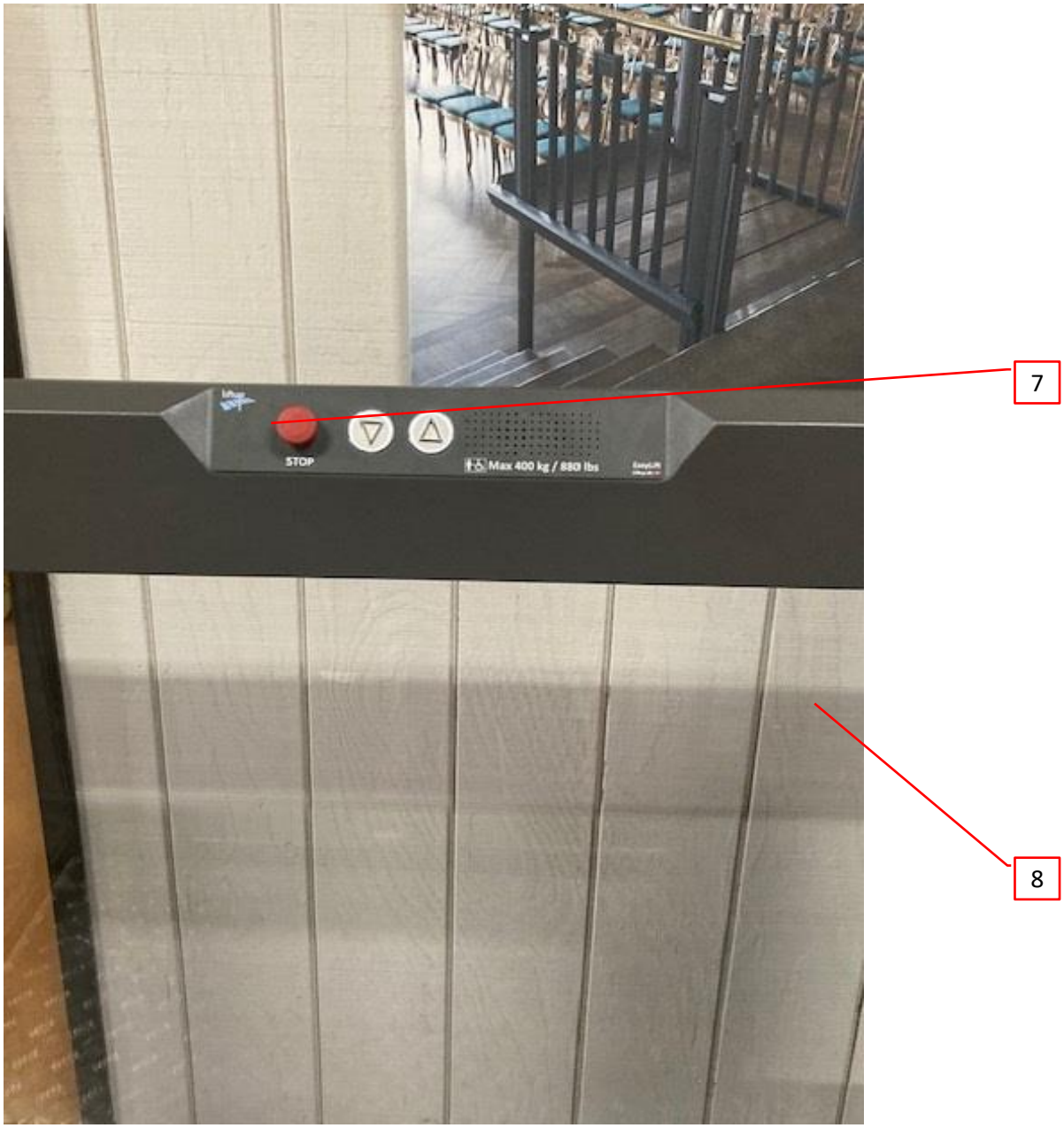
3.0 Product Photographs

Photo 3 - Internal View of Control and electrical components on EasyLift, representative of all models.



3.0 Product Photographs

Photo 4 - User Control Interface on EasyLift, representative of FlexStep

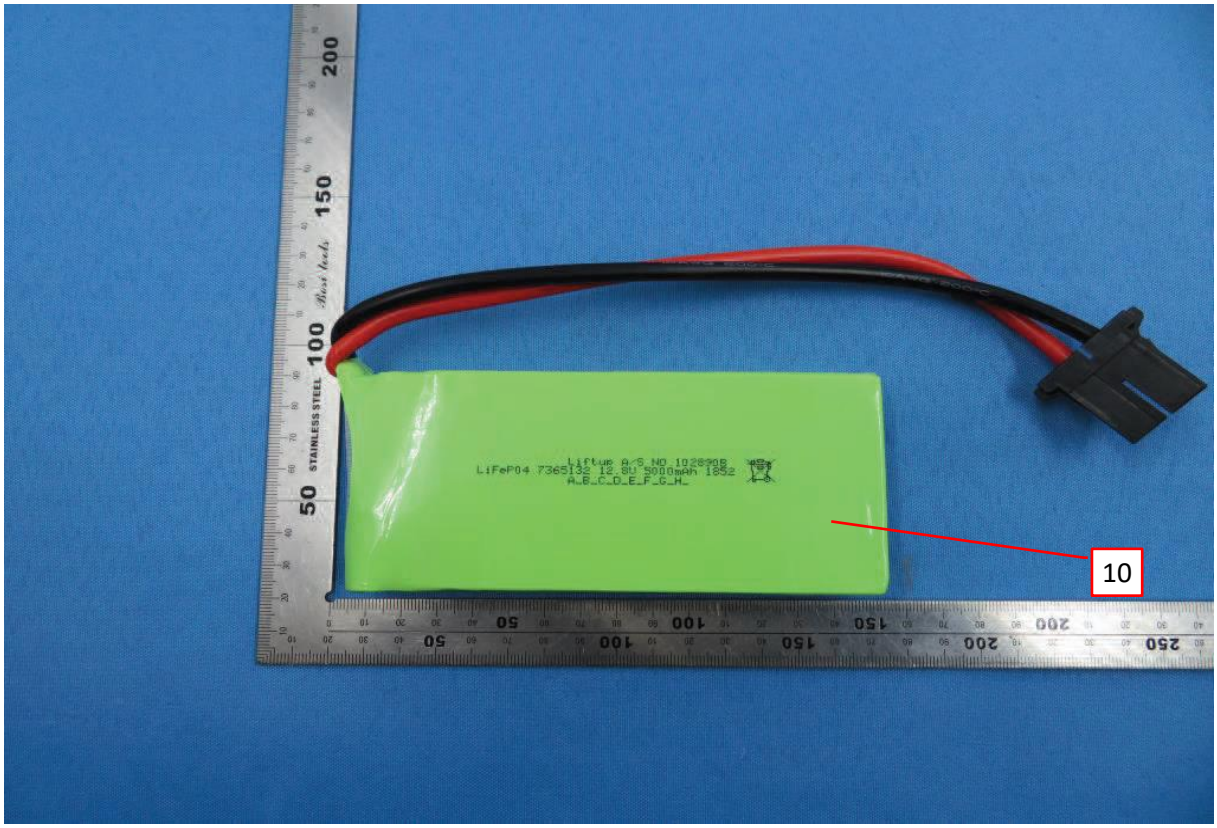


3.0 Product Photographs

Photo 5 - EasyLift elevated.

3.0 Product Photographs

Photo 6 - Sunderer Battery (External)



4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
1, 2	1	Enclosure	Various	Various	Cast Aluminum, minimum 1.38mm. See illustrations 3 and 4.	NR
1	2	Marking Label (Not Shown)	Various	Various	Pressure sensitive for attachment to cast aluminum. Minimum 60C.	cURus
1,2	3	Supply Cord (Not Shown)	Various	Various	SJOW, 105C, 300V, 18AWG, max 5 feet	cURus
3	4	Printed Wiring Board	Various	Various	UL94V-0, 130C min	cURus
5	5	Actuator	Ketterer	Various	See illustration 5. Screw and nut actuator. POM nut. 1250mm max height.	NR
1	6	Door Interlock	PrudHomme SA	LR 180E	24Vdc, 4.5A inrush, 150mA holding current.	cULus
4	7	Emergency Stop	APEM	A01ES-D series	6050 cycles, IP65, 55C max, 3mm contact gap, 3000V dielectric.	cURus
1,4, 5	8	Polycarbonate Wall	NUDEC S A	PC UV 211	2mm minumum, V-2, 80C RTI	cURus
4	9	Speaker (Not Shown)	Visaton	K 50 WP 50	3W max, IP65, 70C min, HB, 50 ohms	NR
3, 6	10	Battery	Sunder Power Technology	7365132	12.8V, 5000mAh, 64Wh, 45C max charging temperature, 5000mA max discharge, Lithium Iron Phosphate.	See 5.0
3, 6	11	Battery PCB (Not Shown)	Sunder Power Technology	Various	UL94V-0, 130C min, PCB for item 10. See illustration 6	NR
3	12	Power Supply/Battery Charger (Not Shown)	Meanwell	LPF-60-36	Input: 100-240 Vac, 0.8 A; Output: 36 Vdc, 1.67 A, Class 2. IP67.	cURus

NOTES:

1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.

2) “Various“ means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.

3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

Battery Assembly				
Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
3, 6	10	Battery	Sunder Power Technology	7365132
Electrical Rating:		12.8V, 5000mAh, 64Wh		Insulation class NA

Component Standard used:	IEC 62133 Issued: 2012/12/06 Ed: 2 Secondary Cells and Batteries Containing Alkaline or other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for use in Portable Applications, Corr. 1: 2013 Standard For Safety For Secondary Cells And Batteries Containing Alkaline Or Other Non-Acid Electrolytes - Safety Requirement For Portable Sealed Secondary Cells, And For Batteries Made From Them, For Use In Portable Applications [UL 62133:2015 Ed.1] CSA E62133 Issued: 2013/11/01 Secondary Cells and Batteries Containing Alkaline or other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made From Them, for Use in Portable Applications

COMPONENTS LIST (refer to illustration 6 for assembly drawing)

Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.
6	10								
7	11								
7	12								

VERIFICATION PROCESS

Frequency: **Annual**	Test Site: **CEC**	Number of samples to test: **1**

Test Name	Test Parameters
Verify Construction	Per the component descriptions noted above

6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

1. Mechanical Assembly - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.

2. Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.

3. Accessibility of Live Parts - All uninsulated live parts in primary circuitry are housed within a metal enclosure constructed with no openings other than those specifically described in Sections 4 and 5.

4. Internal Wiring - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets. All wiring is minimum 26 AWG, with a minimum rating of 300V, 105°C.

5. Markings - The product is marked on a labeling system as described in item no. 2 of Section 4.0 as follows:

   Applicant's name or brand name;
   model number;
   date of manufacturer;
   electrical ratings,
   Occupancy rating,
   Maximum load
   CONTROLLER FOR PLATFORM LIFTS AND STAIRWAY CHAIRLIFTS.
   Indication of cetification which shall include "CSA B44.1/ASME A17.5"
   Indication of A18.1.

   The following markings in French are required:
   CONTRÔLEUR POUR APPAREIL ÉLÉVATEUR À PLATE-FORME ET FAUTEUIL ÉLÉVATEUR D'ESCALIER.

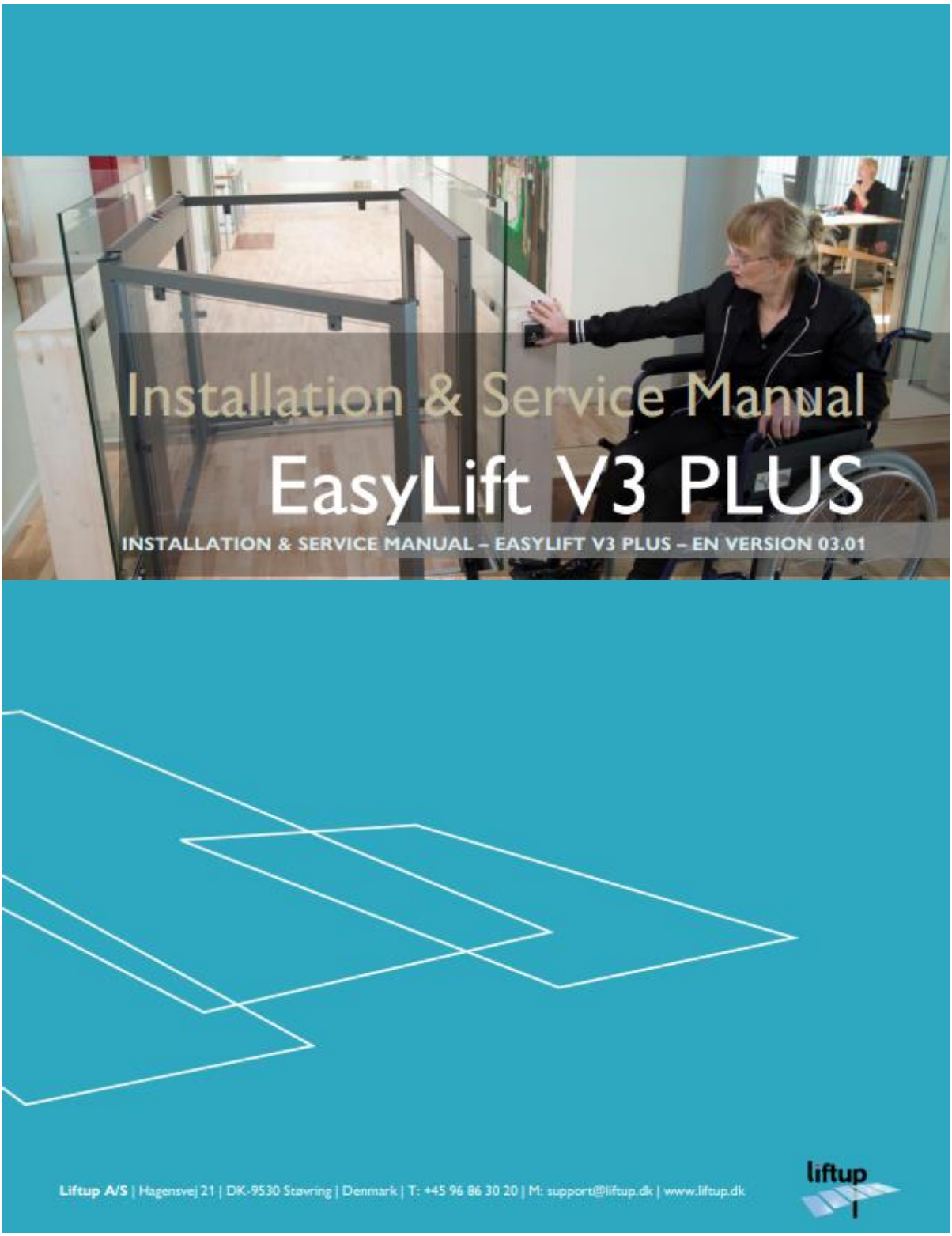
6.0 Critical Features
6. Cautionary Markings - The following are required: WARNING: WHEN MOUNTING ON OR OVER A COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43 mm (0.056 in) GALVANIZED OR 1.6 mm (1/16 in) UNCOATED STEEL EXTENDING AT LEAST 150 mm (6 in) BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED. AVERTISSEMENT. LORSQUE L'APPAREIL EST INSTALLÉ SUR OU PAR-DESSUS UNE SURFACE COMBUSTIBLE, ON DOIT PLACER UNE PLAQUE D'ACIER GALVANISÉ D'AU MOINS 1,43 mm (0,056 po) OU UNE PLAQUE D'ACIER SANS REVÊTEMENT DE 1,6 mm (1/16 po) DÉPASSANT D'AU MOINS 150 mm (6 po) TOUT AUTOUR DE L'APPAREIL.
7. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer. Refer to Illustrations 1 and 2 for details.

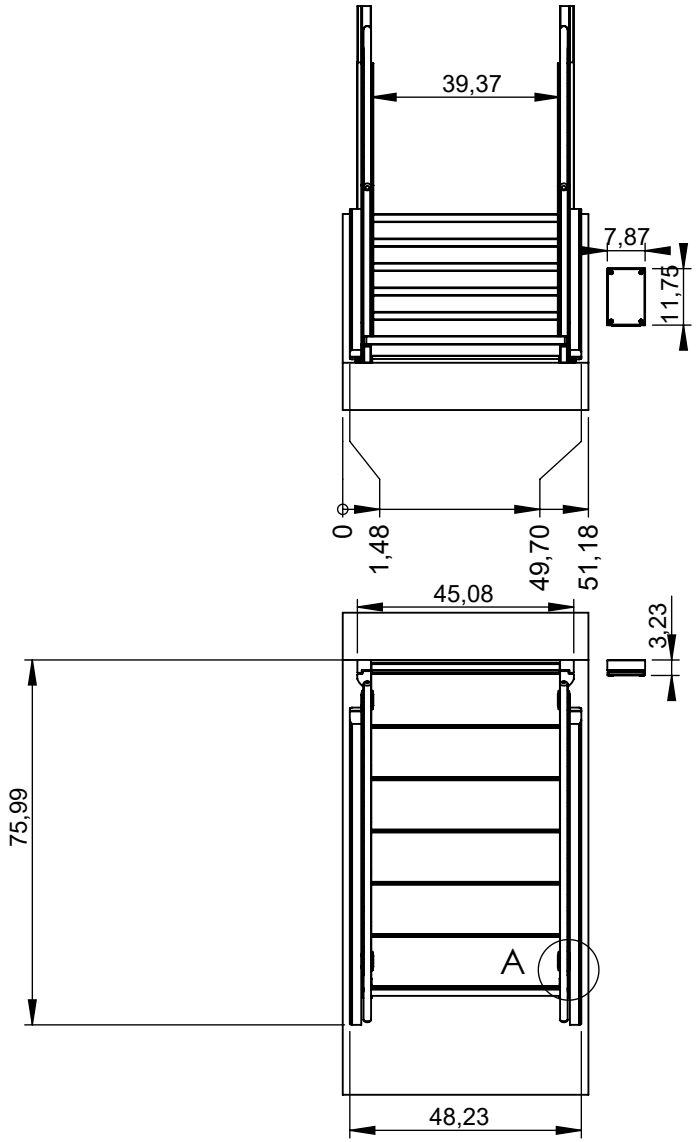
7.0 Illustrations

Illustration 1 - Installation Instrcutions (FlexStep)

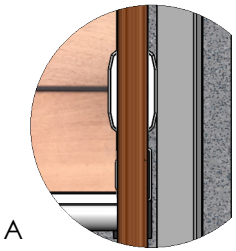
7.0 Illustrations

Illustration 2 - Installation Instrcutions (EasyLift)

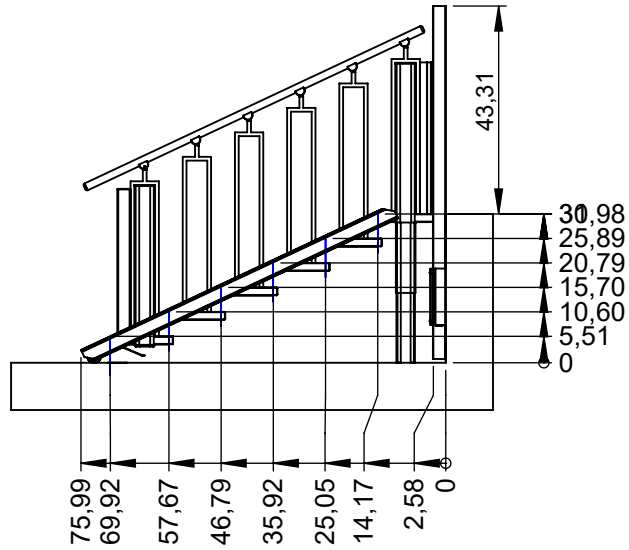




Position as Staircase



DETAIL A
SCALE 1 : 10
0,55 inch ingress into platform



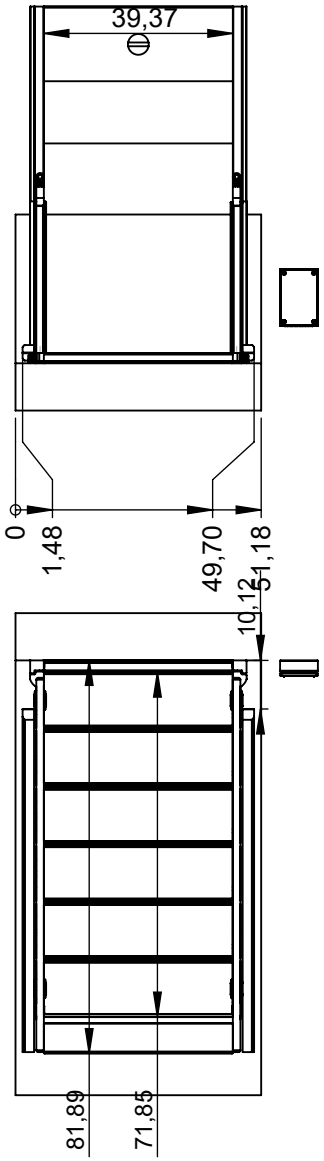
IP54 Box with connection board & Transformer, to be placed 0,5 meter from lift

PRODUCT DIMENSIONS

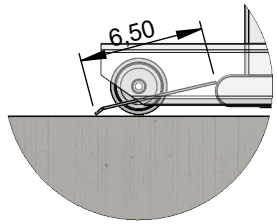
Token 100681 - LPC version 2.40.1

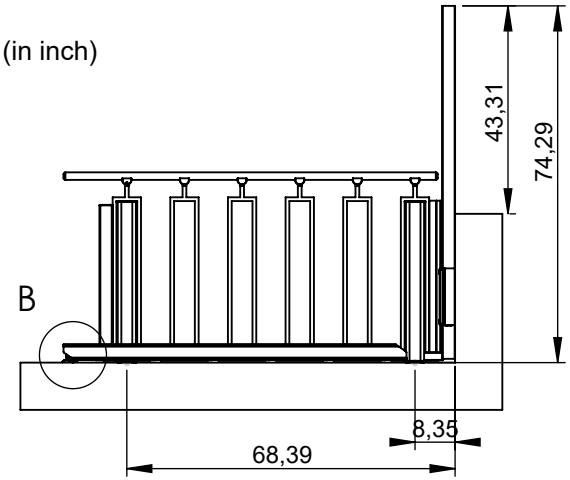
Distributor :	**Liftup North America Inc.**		Liftup Order Number:	Scale:	1:40
Customer Ref:	Hudson Gazebo		Model: **FlexStep 6 Steps**	A4	
Customer Name:	Tina Mobility Plus		Lifting Capacity : 881 lbs	18/02/2026	

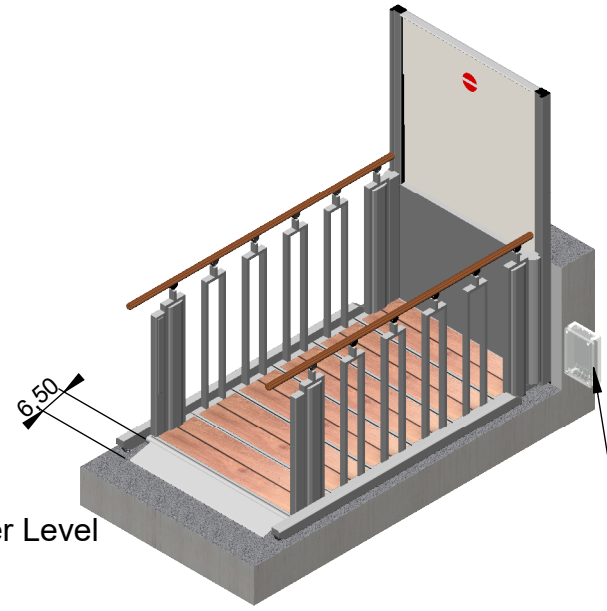
All Rights Reserved Liftup A/S
All dimensions in inch



DETAIL B // Access Ramp Dimension (in inch)
SCALE 1 : 10







Position at Lower Level

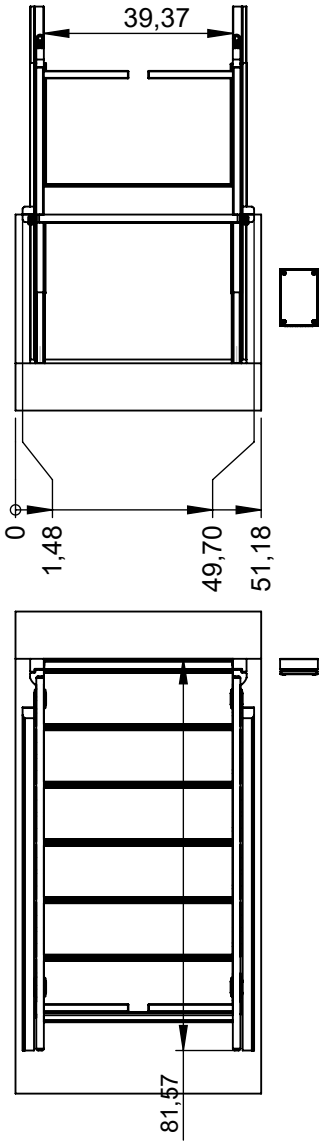
IP54 Box with connection board & Transformer, to be placed 0,5 meter from lift

PRODUCT DIMENSIONS

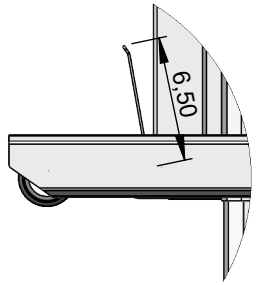
Token 100681 - LPC version 2.40.1

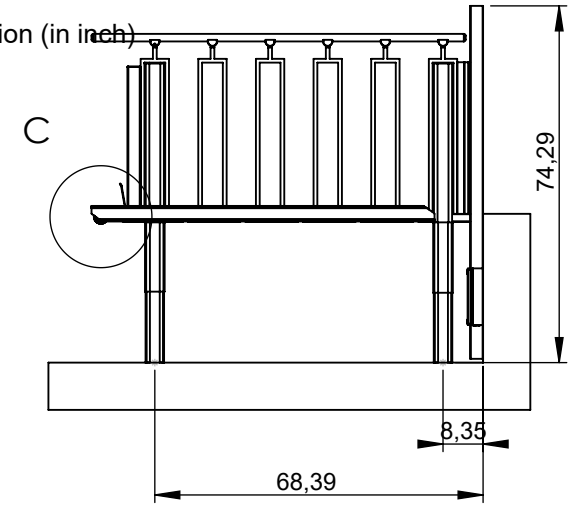
Distributor :	**Liftup North America Inc.**		Liftup Order Number:	Scale:	1:40
Customer Ref:	Hudson Gazebo		Model: **FlexStep 6 Steps**	A4	
Customer Name:	Tina Mobility Plus		Lifting Capacity : 881 lbs	18/02/2026	

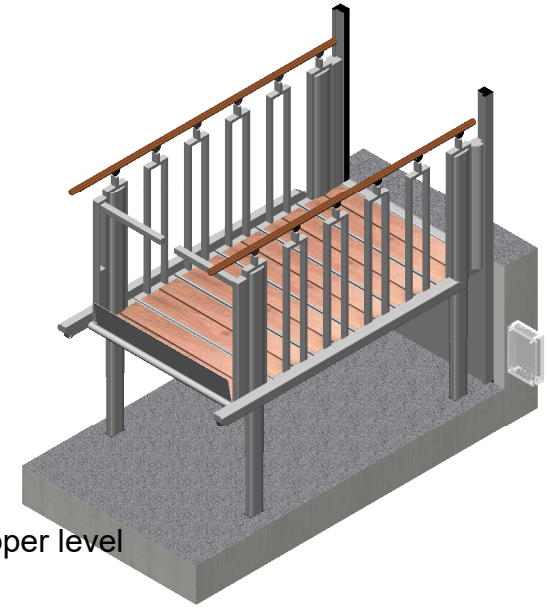
All Rights Reserved Liftup A/S
All dimensions in inch



DETAIL C // Access Ramp Dimension (in inch)
SCALE 1 : 10







Position at upper level

PRODUCT DIMENSIONS

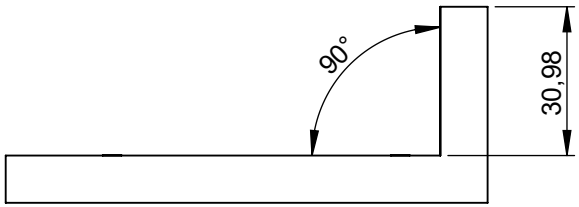
Token 100681 - LPC version 2.40.1

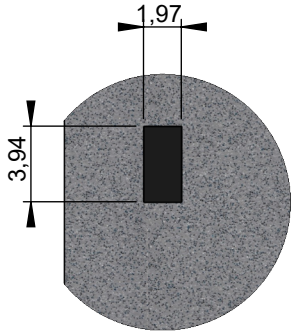
Distributor :	**Liftup North America Inc.**		Liftup Order Number:	Scale:	1:40
Customer Ref:	Hudson Gazebo		Model: **FlexStep 6 Steps**	A4	
Customer Name:	Tina Mobility Plus		Lifting Capacity : 881 lbs	18/02/2026	

All Rights Reserved Liftup A/S
All dimensions in inch

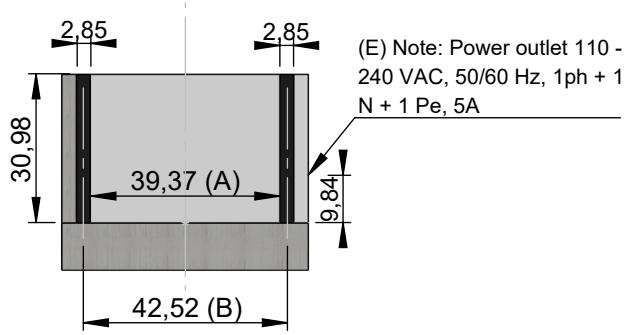
A minimum safe distance to surrounding objects of 15,7inch is generally recommended due to the open side barriers. If installed closer than 15,7inch, it is recommended that the object forms a continuous vertical surface composed of hard elements. If installed closer than 4,72inch, it is recommended that the vertical surface is without edges or protrusions (completely smooth). A minimum distance of 3,93inch should always be observed to avoid risk of entrapment, regardless of the surface/object.

(A) Distance between aluminium profiles
(B) CC wall profile fixation
(C) Minimum Installation Dimension (subject to local Building Regulations)
(D) Distance between actuators & wall
(E) Local Rules may apply





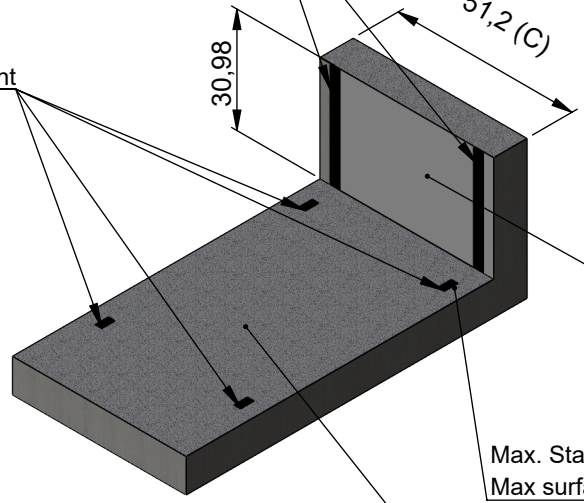
DETAIL D
SCALE 1 : 10
Actuator position / footprint



(E) Note: Power outlet 110 - 240 VAC, 50/60 Hz, 1ph + 1 N + 1 Pe, 5A

Min. Pulling force of 112lbs required per screw (min. 3 screws per aluminium profile)

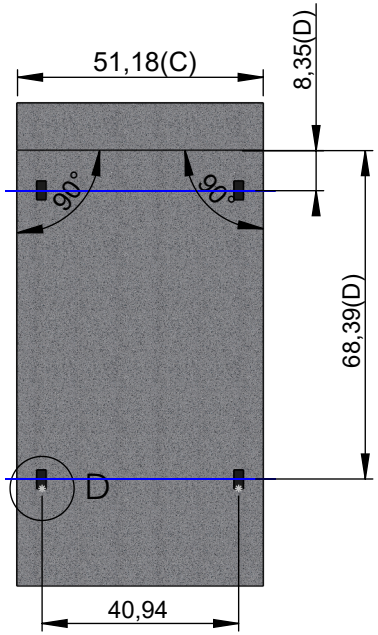
Actuator position / footprint



Surface must be plane and vertical

Max. Static Weight per actuator 551 lbs
Max surface pressure: 72,5 pound/square inch

Surface must be plane and horizontal : +/- 0,2 inch per 39,37 inch



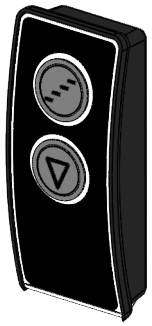
BUILDING SPECIFICATIONS

Token 100681 - LPC version 2.40.1

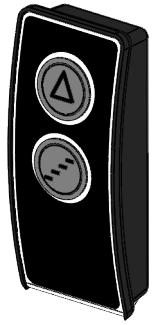
Distributor :	**Liftup North America Inc.**		Liftup Order Number:	Scale:	1:40
Customer Ref:	Hudson Gazebo		Model: **FlexStep 6 Steps**	A4	
Customer Name:	Tina Mobility Plus		Lifting Capacity : 881 lbs	18/02/2026	

All Rights Reserved Liftup A/S
All dimensions in inch

Lower Landing Call Station



Upper Landing Call Station



In addition to meeting ADA requirements on the FlexStep V2 and the EasyLift V3 we meet the following standards: ASME A17.5:2019 – Elevator and Escalator Electrical Equipment CSA B44.1:2019 – Elevator and Escalator Electrical Equipment ASME A18.1:2020 – Safety Standard for Platform Lifts and Stairway Chairlifts CSA B355:2019 – Platform Lifts and Stair Lifts for Barrier-Free Access

Important : Specifications in the table below are NOT production informations. Please refer to LIFTUP official order Confirmation !

Specifications / Options	Your Product
Environment	Outdoor
Extra Outdoor Protection box	Yes
Platform Width (inch)	39,37
Travel Height (inch)	30,98
Operating Panels Position	Left Hand Side
Step Inserts	Mahogany (plank)
Wood Treatment	Oil
Handrails	Mahogany
Wood Treatment	Oil
Balustrade Type	Square
Lift Color	Grey Akzo 900 Sablé
RAL	
Top Level Safety	Vertical Barrier
Onboard Safety Options	Active Safety Ramp & Onboard Barrier
Raise To Fold (RTF) Transformation Activated	Yes
Access Ramp Dimension (in inch)	6.5
Alarm functionality	No Alarm Functionality
Lower Landing Call Station	Wireless RF - 2 way
Mount Lower Call Station on Column	No
Upper Landing Call Station	Wireless RF - 2 way
Mount Upper Call Station on Column	No
Remote Handheld	1
Wireless Receiver Added	Yes
Key Switch ON/OFF (2 keys included)	Yes
Extra Keys	0
Prepared for Dissassembly	Ready to Install
Weight of the product	240 kg / 530 lbs
User Manual Language	UK (EN)
Landing Instructions	EN
Packing	Wood Box Pallet

PRODUCT SPECIFICATIONS **Token 100681 - LPC version 2.40.1**

Distributor :	**Liftup North America Inc.**	Liftup Order Number:	Scale: 1:40	liftup
Customer Ref:	Hudson Gazebo	Model: **FlexStep 6 Steps**	A4	
Customer Name:	Tina Mobility Plus	Lifting Capacity : 881 lbs	18/02/2026	

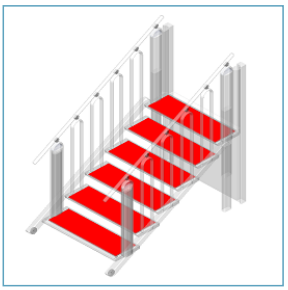
All Rights Reserved Liftup A/S
All dimensions in inch

Thank you for your configuration

Distributor: Liftup North America Inc.
Customer Name: Tina Mobility Plus
Customer Reference: Hudson Gazebo

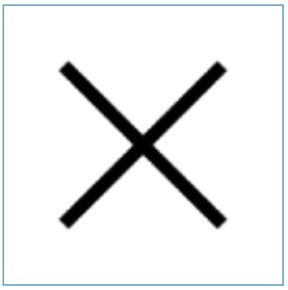
Drawing Number
100681

Your configured FlexStep



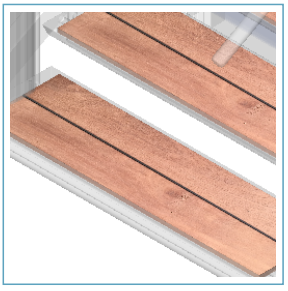
Model Type & Specifications

Travel Height (inch): 30.98
Environment: Outdoor
Platform width : 39.37
Extra Outdoor Protection box: Yes
Model: 6 Steps
Stop Options : Platform & Stairs Stops identical
Operating Panel Side: Left Hand Side



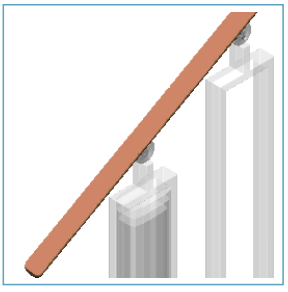
Fixed Staircase

Position of Fixed Staircase : No



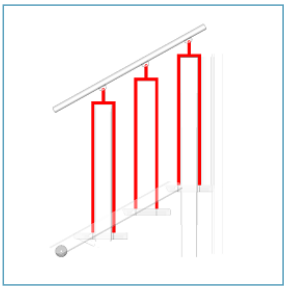
Materials for Step Inserts

Treatment: Mahogany (plank)
Treatment: Oil



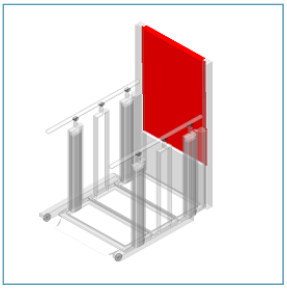
Material for Handrails

Mahogany
Treatment: Oil



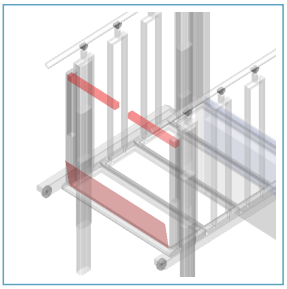
Balustrade Type & Color

Balustrade Type: Square
Color: Grey Akzo 900 Sablé



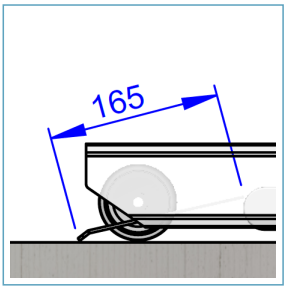
Top Landing Safety Options

Vertical Barrier
No Panels



Onboard Safety Options

Active Safety Ramp & Onboard Barrier



Access Ramp Dimension

6.5* inch

Alarm functionnality

No Alarm Functionality

Lower Landing Call Station

Wireless RF - 2 way

Top Landing Call Station

Wireless RF - 2 way

Additional Equipment

Number of handheld remote controls: 1
Number of extra keys: 0
Add shims for the installation: 6
Wired ON/OFF Key Switch : Yes
De-icer spray: Yes
Landing Instructions (set): EN
Receiver for wireless call station added.

Manufacturing & Delivery

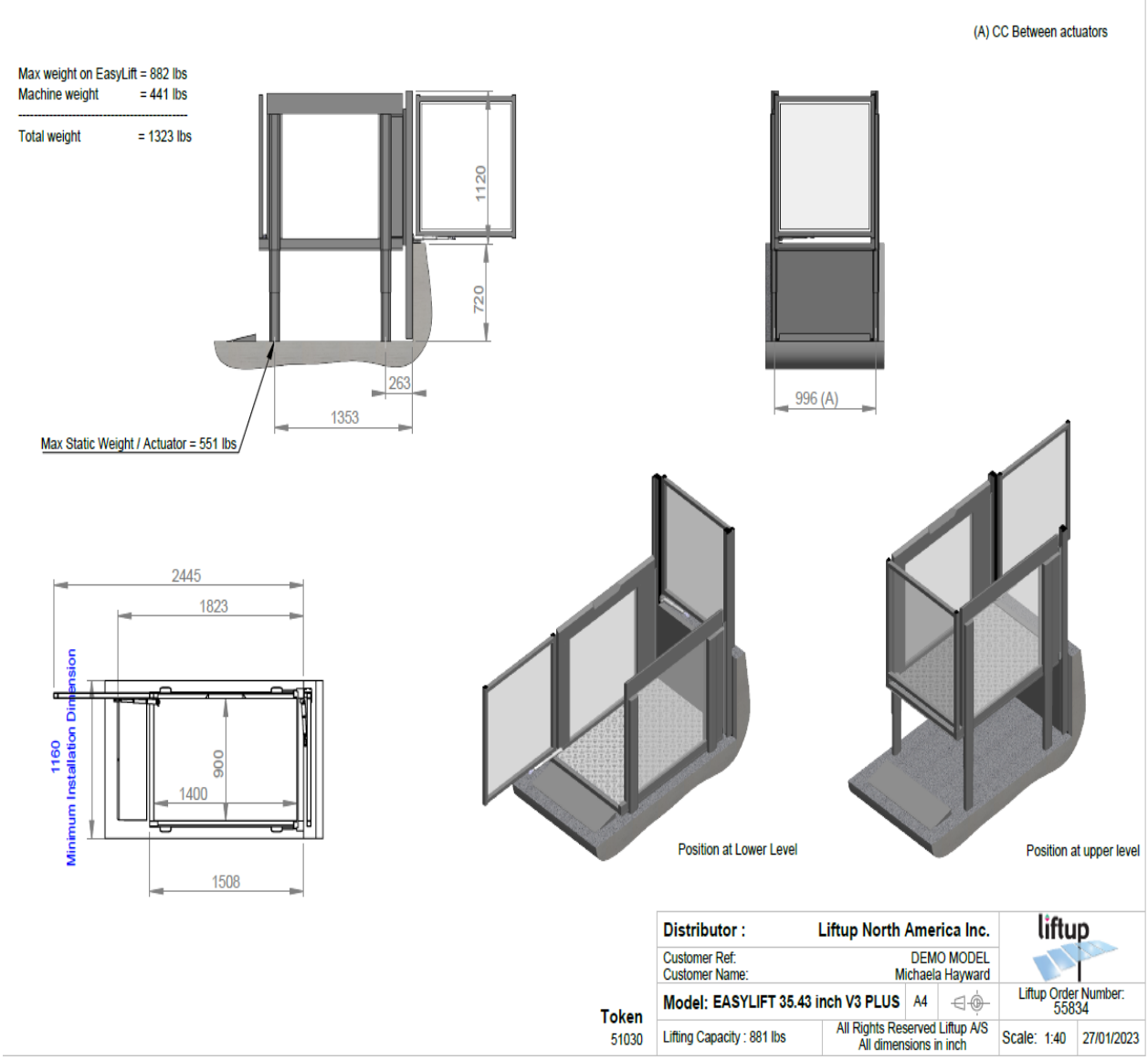
FlexStep preparation: Ready to Install
Packaging Type: Wood Box Pallet
Manufacturing time: Standard Manufacturing
Requested date for shipping : 2026-03-11

User Manual Language

UK (EN)

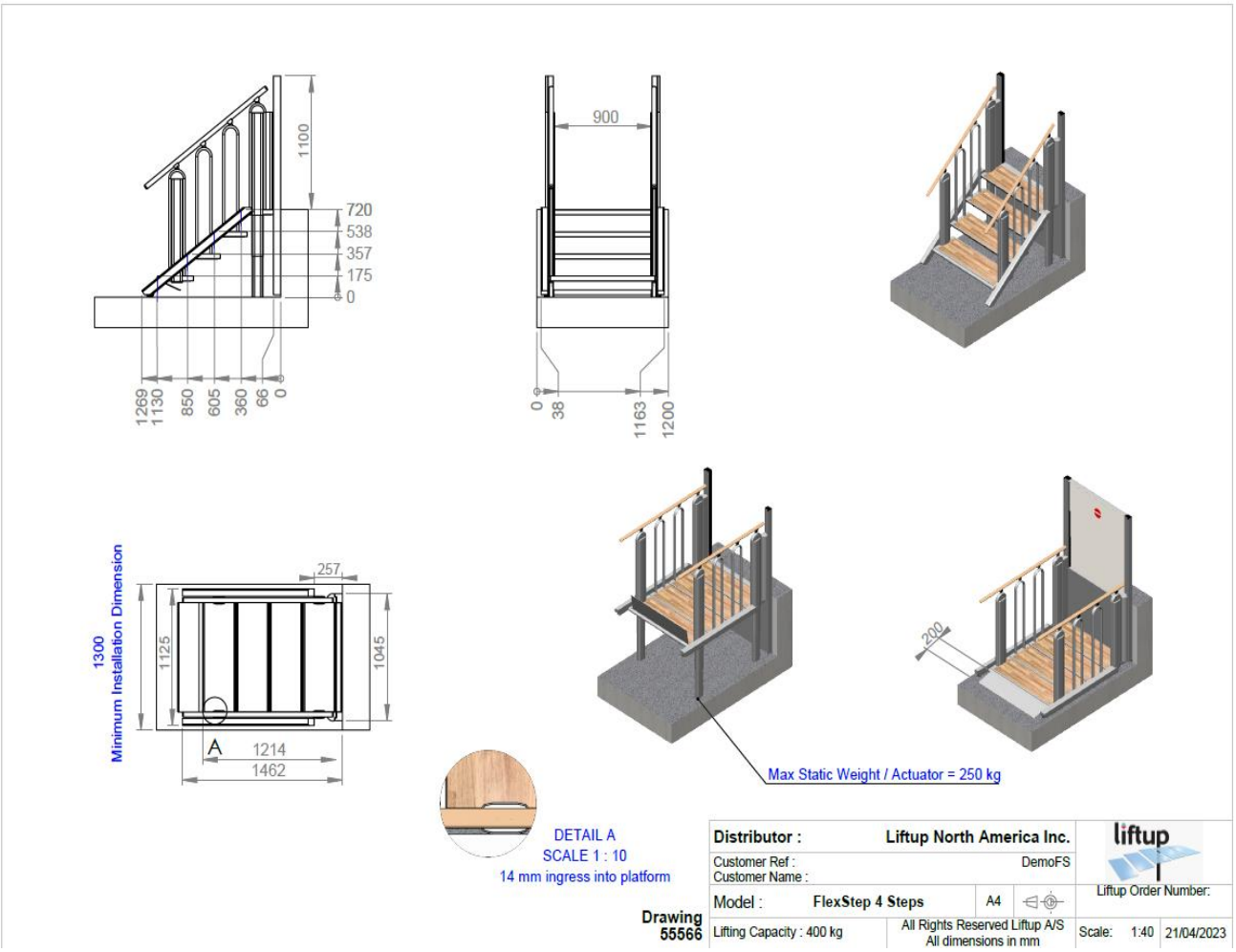
7.0 Illustrations

Illustration 3 - EasyLift Enclosure dimensions (minimum)



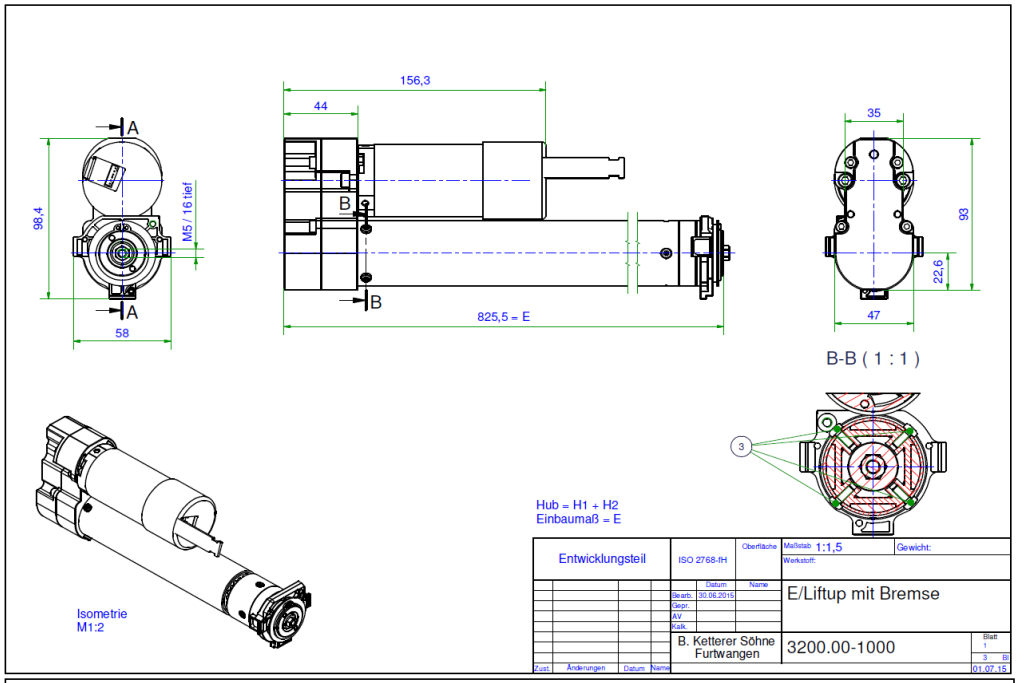
7.0 Illustrations

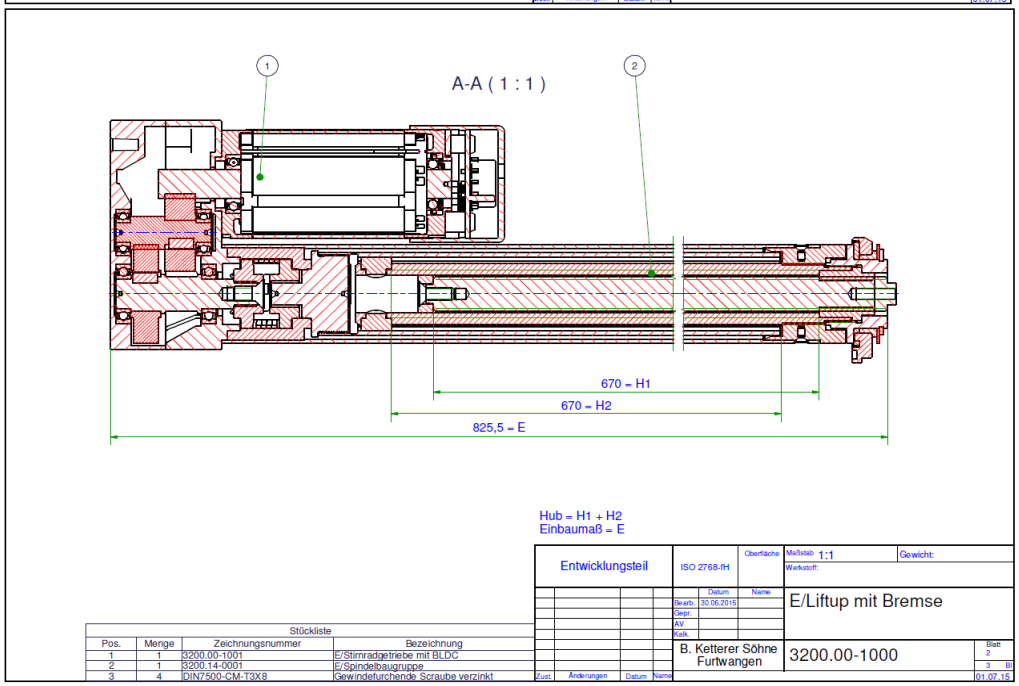
Illustration 4 - FlexStep Enclosure dimensions



7.0 Illustrations

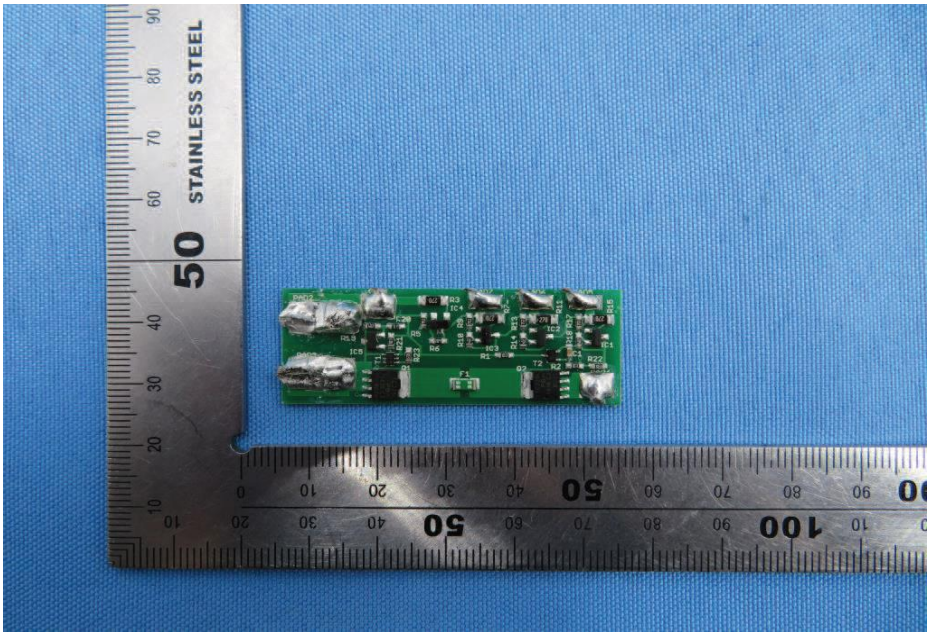
Illustration 5 - Ketterer actuator





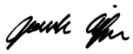
7.0 Illustrations

Illustration 6 - Battery PCB



8.0 Test Summary					
Evaluation Period	6/7/2024 - 9/11/2024			Project No.	G105407616
Sample Rec. Date	NA	Condition	Prototype	Sample ID.	NA
Test Location	5626 56th Commerce Park Blvd Tampa, FL 33610				
Test Procedure	Testing at Manufacturers Premises (TMP) - Level 1				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
The following tests were performed:					

Test Description	ASME A17.5 / CSA B44.1	ASME A18.1	CSA B355
Temperature Test	19.1	-	-
Dielectric Voltage Withstand	19.1	-	-
Impact Test	19.5	-	-
Cord-pull out Test	19.10	-	-
Crushing Resistance Test	19.11	-	-
Platform Underside Surface Force	-	2.1.3.6.3 / 5.1.1.7.3	-
Driving Means Factor of Safety	-	2.3.1.1	4.6.1
Framework Factor of Safety	-	2.3.5	4.6.1
Suspension and Support Means Factor of Safety	-	2.5.2	4.6.1
Platform Factor of Safefty	-	2.6.1	4.6.1
Limitation of Speed	-	2.7.1	4.3
Normal Terminal Stopping Device	-	2.9.2 / 2.9.3	-
Battery-Power Cycling	-	2.12.1.1	-
Swing Door Strength Test	-	-	5.2.1.3
Platform Deflection Test	-	-	7.3.1.1
Safety Flaps Test	-	5.1.1.5	7.6.3.2
Interlock Doors Emergency operation	-	-	8.3.3.3
Passenger Arm Restraining Test	-	2.1.3.4	-
Gate Deformation Test	-	2.1.3.9	-
Platform Enclosure Strength	-	2.6.3 / 5.6.3	-
Rain Test	9	-	-
Platform Safety Exceptions	-	2.8.8	-

8.1 Signatures			
A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.			
Completed by:	Jonah Aifuwa	Reviewed by:	Chidi Benedict-Uzoruo
Title:	Project Engineer	Title:	Local Lead Engineer
Signature:		Signature:	

9.0 Correlation Page For Multiple Listings	
The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.	
BASIC LISTEE	Liftup North America Inc
Address	5626 56th Commerce Park Blvd Tampa, FL 33610
Country	USA
Product	Vertical Platform Lift

MULTIPLE LISTEE 1	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 2	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments and/or revisions.

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
3) a control number issued by Intertek
4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, “Conforms to” shall appear with the standard number along with the word, “Standard” or “Std.” Example: “Conforms to ANSI/UL Std. XX.”

For Canadian standards, the words “Certified to CAN/CSA Standard CXX No. XX.” shall be used, or abbreviated, “Cert. to CAN/CSA Std. CXX No. XX.”

Can be used together when both standards are used.

If all standards on the ATM have the same standard title, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use. The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

The Applicant will be notified, in writing, via the applicable contact methods, as defined in Section 1.0, when these components must be selected and sent to Component Evaluation Center (CEC) for re-evaluation.

Due to particular testing requirements, some components may be requested to be shipped to specific labs. Thus, specific shipment destination(s) for each sample will be provided in the written notification.

Managing CEC Location:
Intertek Testing Services NA Inc.
ETL Component Evaluation Center
1717 Arlingate Ln.
Columbus, Ohio 43228 USA
Attn: CEC Safety
Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests
The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified: **Required Tests** None

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
27-Jan-2026 G105407616CHI	J.A. J.Aifuwa C. Benedict-Uzoruo	8	-	Modified evaluation period "6/7/2024 - 9/11/2024" to include the missing test "Platform Safety Exceptions, ASME A18.1 - clause: 2.8.8"

HERCULES VERTICAL PLATFORM

A compact and powerful solution

AmeriGlide Accessibility Solutions

RESIDENTAL AND COMMERCIAL VERTICAL PLATFORM LIFT

The AmeriGlide HERCULES Vertical Platform Lift is a compact and powerful lift designed for the harsh North American climates. The HERCULES model provides the user with a seamless and safe experience. A series of safety features including; emergency stop buttons, emergency lowering hand-wheel and safety detection sensors offer the peace of mind when operating the lift.

The HERCULES Vertical Platform Lift has been designed, developed and manufactured to B-613, B-355 and ASME 18.1 regulation.

More detailed information is readily available by contacting your Authorized AmeriGlide Dealer.

EASY AND SIMPLE
With our qualified technicians, your platform lift can be installed quickly and safely.

SEAMELSS INTEGRATION
Integration is quick and simple as a result of not needing a mechanical room, drain or overhead clearance.

PEACE OF MIND
Manufactured in North-America, it meets CSA-B613 B355-15, ASME 17.1, ASME 18.1 giving you the peace of mind whatever the application.

Elegance, performance and design

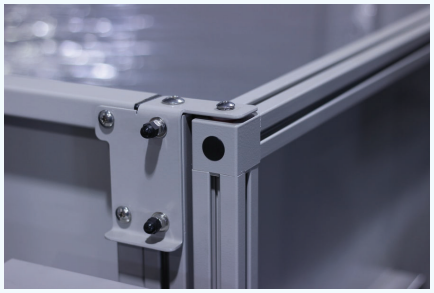
These standard features come on every HERCULES.
No extra cost, just great value!

Capacity	Drive	Travel Speed	Travel	MOTOR
1000 LBS	**ACME** SCREW DRIVE	**12** FPM	**160** INCHES	**24** VDC

STANDARD FEATURES

Drive System	ACME Screw Drive
Max. Capacity	750 to 1000 lbs
Motor	1.5 HP -24 VDC
Max. Travel	Up to 160 inches
Travel Speed	12 FPM
Configurations	0 degree, 90 degree and 180 degree
Controls	Constant Pressure Rocker Switch with E-Stop
Codes & Regulations	ASME 17.1, ASME 18.1, CSA B613, B355
Equipment	Safety Underpan, Emergency Lowering Device, Galvanized Steel Platform 42” H, Emergency Alarm, Automatic Folding Ramp, Key Lock Switches, Pit Switches Continuous Pressure Rocker Switches

Design your Hercules



AVAILABLE OPTIONS

Cabin & Platform	Custom cabin heights and platform sizes and configurations
Travel	Custom Travel distance ranging from as low as 44” up to 160”.
Controls	Flush and surface mounts, Call posts, Top Gate Mounted, No Key, Type 455 and Type 2252 (Commercial Kit)
Doors and Gates	Wide ranage of door and gate sizes and finishings.

WARRANTY

12 Months*	12 Month limited warranty on parts from the date of purchase.

*Certain conditions apply. Consult your product’s warranty for more details.

FOR PRICING AND ORDERING

Email us at info@ameriglide.com

Call us toll free: 800-990-8268

Online at www.ameriglide.com

AMERIGLIDE

City of Hudson, Ohio

Staff Report

File Number: AHBR 25-361 Findings of Fact

Meeting Date: 2/25/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Architectural & Historic Board of Review **File Type:** Minutes

Architectural and Historic Board of Review Findings of Fact for case #25-361, for the property located at 33 E. Streetsboro Street, Hudson, OH 44236

ARCHITECTURAL AND HISTORIC BOARD OF REVIEW

CASE NO. 25-361
ALTERATIONS – RESIDENTIAL WINDOWS AND SHUTTERS
33 E. STREETSBORO STREET

FINAL DECISION

Based on the evidence presented by the applicant, Tracey Crawford, 33 E. Streetsboro Street and city staff at the Architectural and Historic Board of Review meeting held on February 11, 2026, the Architectural and Historic Board of Review denies the residential window and shutter proposal for case #25-361, 33 E. Streetsboro Street (Parcel #3201466).

The Architectural and Historic Board of Review makes the following Findings of Fact:

1. The proposal does not comply with Section III-2 (b)(3)(ii)(b) of the Architectural Design Standards (Appendix D) stating "Substitute materials are acceptable provided they are compatible in proportion, size, style, composition, design, color, and texture with the existing historic materials." The Board finds that the proposed vinyl-clad windows and shutters are not comprised of an appropriate substitute material for the Historic District and therefore are in direct conflict with this requirement.
2. The proposal does not comply with Section I-1 of the Architectural Design Standards (Appendix D) stating "The City has a responsibility to maintain a high quality "public realm" and character"
3. The proposal does not comply with Section I-2(b) of the Architectural Design Standards (Appendix D) stating "Buildings shall maintain a high level of architectural quality. "
4. The proposal does not comply with Section I-2(e) of the Architectural Design Standards (Appendix D) stating "New buildings and alterations shall respect the existing context and framework." The property is located within the historic district where vinyl windows and vinyl shutters are not appropriate.
5. The proposal does not comply with the Secretary of Interior Standards for Rehabilitation (Appendix 1) stating "new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment." The proposed vinyl windows and vinyl shutters would not be compatible with the historic architectural features on this property and with the surrounding historic district.
6. The Board finds that the window series installed by the applicant is not consistent with the final approved plans for case #25-361 and that no approval was granted by the AHBR for this deviation.

Furthermore, the AHBR will not grant an exception pursuant to the review criteria established in Section II-1. The AHBR finds that the proposal is not of an exceptional design, meaning it is not especially creative nor is it designed in response to a unique situation, such as a very difficult site or an unusual program requirement.

No exceptional or unusual conditions exist that are not common to other areas similarly situated and there is no resulting practical difficulty based on the following findings:

1. The property in question will yield a reasonable return and there can be beneficial use of the property without the variance. The applicant can propose and install an alternate window series that meets the design standards.
2. The variance is substantial, as the Architectural and Historic Board of Review has been consistent in its determination that vinyl is not an acceptable or appropriate substitute for historic materials.
3. The essential character of the neighborhood would be substantially altered and the adjoining properties would suffer a substantial detriment as a result of the variance. The property is located within the Historic District and, therefore, is required to comply with all applicable Historic District design standards.
4. The variance would not adversely affect the delivery of governmental services such as water and sewer.
5. The owner purchased the property in 2011. The requirements were in place at this time.
6. The applicant's predicament can be obviated feasibly through adjustments to the proposed window material and design.
7. The spirit and intent behind the requirement would not be observed and substantial justice would not be done by granting the exception.

Dated: _____

CITY OF HUDSON
ARCHITECTURAL AND HISTORIC
BOARD OF REVIEW

_____

John Caputo, Chair

City of Hudson, Ohio

Staff Report

File Number: AHBR 1.28.2026

Meeting Date: 2/25/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Architectural & Historic Board of Review **File Type:** Minutes

Minutes of Previous Architectural & Historic Board of Review Meeting: January 28, 2026.

City of Hudson, Ohio

Meeting Minutes - Draft
Architectural & Historic Board of Review

John Caputo, Chair
Allyn Marzulla, Vice Chair
John Workley, Secretary
Andrew Brown
Amy Manko
Françoise Massardier-Kenney
Jamie Sredinski

Nicholas Sugar, City Planner
Lauren Coffman, Associate Planner

Wednesday, January 28, 2026 **7:30 PM** **Town Hall**
27 East Main Street

I. Call To Order

Chair Caputo called to order the regularly scheduled meeting of the Architectural & Historic Board of Review of the City of Hudson at 7:30 p.m., in accordance with the Sunshine Laws of the State of Ohio, O.R.C. Section 121.22.

II. Roll Call

Present: 5 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski and Mr. Brown

Absent: 2 - Ms. Kenney and Ms. Manko

III. Public Comment

Chair Caputo opened the meeting to public comments for anyone wanting to address the Board. There were no comments.

IV. Consent Applications

Since Mr. Sugar stated that the applicants for Agenda items B, C, and E, would not be in attendance at the meeting; a motion was made by Ms. Sredinski, seconded by Ms. Marzulla, that Agenda items, B, C, and E, be moved to the end of the agenda.. The motion carried by the following vote:

Aye: 5 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski and Mr. Brown

Absent: 2 - Ms. Kenney and Ms. Manko

Consent Applications

A motion was made by Mr. Workley, seconded by Ms. Marzulla, that the Consent Agenda be approved. The motion carried by the following vote:

Aye: 5 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski and Mr. Brown

Absent: 2 - Ms. Kenney and Ms. Manko

A. AHBR 25-1471 **229 N Hayden Pkwy**
Addition (3 Seasons Room)

Attachments: 229 N Hayden Pkwy - AHBR Packet

This AHBR application was approved on the Consent Agenda.

V. Old Business

B. AHBR 25-1375 **7542 Darrow Rd**
Sign (Ground Sign)

Attachments: 7542 Darrow Rd - AHBR Packet

Mr. Sugar introduced the application by noting this sign was installed without a permit and since it has been on the agenda for several months.

The Board noted two major issues: The sign has a gloss finish, and no trim. Either of these issues could qualify to deny the application. The Board also noted the applicant was on the agenda and has not been able to attend multiple AHBR meetings.

Mr. Workley made a motion, seconded by Ms. Sredinski, to deny the application, and request Staff develop written Findings of Fact to be presented to the AHBR at the next meeting for approval. The denial is based on the Architectural Design Standard, V-5. IMr. Workley also noted that AHBR does not grant an exception based on an Exceptional Design, or that Unique Conditions exist that create a practical difficulty. The motion was approved by the following vote:

C. AHBR 26-1 **516 W Streetsboro Street**
Sign (Ground and Building) Deeper Life Bible Church

Attachments: 516 Streetsboro St - AHBR Packet

Mr. Sugar introduced the application by noting that updates have been submitted.

The applicant was not present due to sickness.

The Board discussed this as a better rendering than the previous sign. The Board expressed a desire to see the profile from the street and questioned if there will be a gap between the two faces of the sign. The Board also stated a desire for less text on the sign and other ways to make it more appropriate.

Regarding the sign on the church, the Board felt the upper outside corners were questionable.

A motion was made by Ms. Marzulla, seconded by Mr. Brown, that this AHBR Application be continued. The motion carried by the following vote:

Aye: 5 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski and Mr. Brown

Absent: 2 - Ms. Kenney and Ms. Manko

D. AHBR 25-1343 (1.28.26 meeting) **95 Maple Drive (Historic District)**
Alterations (Window, Door Replacement, and Rear Deck)

Attachments: 95 Maple Drive - Updated documents 1.21.2026

95 Maple Sr - AHBR Packet from 12.10.25

Mr. Sugar began the discussion by presenting the application and displaying the elevations. He explained that further research revealed the house is part of the local Historic District, which was established in 1991, but not the National Historic District. This explains why some of the historic forms were not completed. He noted that the current siding was previously approved as acceptable material and that there are no approval records for the windows.

Ms. Juliann Nathanson stated that three windows and four doors were replaced prior to receiving the Stop Work order. She has since submitted photographs showing that the new doors match the previous ones, along with a signed and notarized statement detailing the materials that were removed. She emphasized that the new doors and materials were installed on a like-for-like basis. Additional work remains unfinished due to the Stop Work order, including the installation of trim, which she assured will match what was removed. Ms. Nathanson also pointed out that the house currently has twelve vinyl windows, making bullet point "d" of the staff report questionable, as the windows that were replaced were also vinyl.

The Board, the applicant, and staff discussed several points. They agreed that if the house were not part of the Historic District, the newer materials would have been permitted. No records exist to indicate what materials were on the house prior to its inclusion in the district, and historically, the Board has not required homeowners to upgrade materials that were approved before incorporation. It was noted that the wood windows on the west side will either be replaced with wood-clad windows or restored if possible. Many siding pieces need to be replaced with matching materials, and the existing cellar door requires refinishing and proper trim. Some windows will need to be removed and reset for correct installation. The vinyl siding was installed properly under an existing permit, and the current wood casement windows are not original to the house. The Board expressed that consistent windows throughout the property are desirable.

Regarding the deck, the applicant proposed a metal railing; however, the Board recommended using wood posts with wood top and bottom rails as a more appropriate option.

Mr. Workley moved to approve the application with specific conditions, and the motion was seconded by Ms. Sredinski. The conditions included the following: all windows must be Anderson wood-clad aluminum; the west elevation shall feature double-hung windows consistent with the rest of the house; deck posts and upper and lower rails must be constructed of wood; any siding repairs must be blended in accordance with Section III.G.11; all submittals must be updated to reflect the Board's comments; and all trim must match the existing trim. The motion was approved by the following vote:

Aye: 5 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski and Mr. Brown

Absent: 2 - Ms. Kenney and Ms. Manko

VI. New Business

E. AHBR 25-1478 88 N Main Street (Historic District)

Alterations (Hanging sign & door replacements)

Attachments: 88 N Main St - AHBR Packet

Mr. Sugar introduced the application by noting the applicant is unable to attend the meeting and stated the hanging sign would be wood instead of PVC, that he would discuss the front door with the owner so it would be less modern looking, and recommended the Board table

the application.

A motion was made by Ms. Marzulla, seconded by Ms. Sredinski, that this AHBR Application be continued. The motion carried by the following vote:

Aye: 5 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski and Mr. Brown

Absent: 2 - Ms. Kenney and Ms. Manko

F. AHBR 26-6 7545 Darrow Rd

Fence (Chain Link) - Hudson Montessori School

Attachments: 7545 Darrow Rd - AHBR Packet

Ms. Coffman began the discussion by introducing the application, displaying the site plan, and reviewing staff comments. She noted that chain-link fencing is not a permitted material under the Land Development Code (LDC). Mr. Devan Yanc and Mr. Matt Virgle, representing Hudson Montessori Schools, attended the meeting to present their case. Chair Caputo emphasized that the Architectural and Historic Board of Review (AHBR) does not approve chain-link fencing except when requested to do so by the Fire Marshal.

The Board discussed several points, including when chain-link fencing became a non-permitted material, the large amount of fencing requested, and the fact that approximately 764 feet of the proposed fence would be located in wooded areas and largely unseen, while only 74 feet would be visible on the north side. On the south side of the property, multiple fencing materials are already present. Mr. Yanc explained that the school received a security fence grant, which does not cover alternative fencing materials. He stated that other fencing options were considered but are not financially feasible. He also noted that the existing split-rail fence is in poor condition and visually unappealing. Additionally, he pointed out that Hudson Country Club, located on the east side of the property, has a 14-foot-high chain-link fence.

Mr. Surar suggested that a post-and-rail fence with wire fencing on the inside might be acceptable to the granting authority and noted that AHBR has previously approved split-rail fencing with interior wire. The Board concluded by discussing its lack of authority to approve a fence that is not permitted by the LDC.

A motion was made by Mr. Workley, seconded by Ms. Sredinski, that this AHBR Application be continued. The motion carried by the following vote:

Aye: 5 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski and Mr. Brown

Absent: 2 - Ms. Kenney and Ms. Manko

G. AHBR 25-1500 226 Brentwood Dr

Alterations (Front Porch, Siding, Windows)

Attachments: 226 Brentwood Dr - AHBR Packet

Previously Approved Plans

Ms. Coffman introduced the application by displaying and describing the house, reviewing staff comments, and outlining the recommendations.

Mr. Dan Morman of Young and Me Homes provided additional details regarding the proposal. He explained the types of roofs being considered and noted that the architect intends for the porch to serve as a focal point. He stated that the corner boards in question could be modified if the Board prefers and that the two windows mentioned in the staff notes could be replaced with a single, larger window.

The Board, applicant, and staff discussed several aspects of the design, including the front entrance roof, which is higher than the previous roof; the copper roof, which will complement the planned copper gutter system; and the chimney, which will be painted,

A motion was made by Mr. Workley, seconded by Ms. Marzulla, that this AHBR Application be approved. The motion carried by the following vote:

Aye: 5 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski and Mr. Brown

Absent: 2 - Ms. Kenney and Ms. Manko

H. AHBR 25-1492 6335 Elmcrest Dr

Addition (Living Room, Office, Bathroom, & Bedrooms)

Attachments: 6335 Elmcrest Dr - AHBR Packet 2.11.26

6335 Elmcrest Dr - AHBR Packet

Ms. Coffman opened the discussion by noting that a setback variance had already been granted by the Board of Zoning and Building Appeals (BZBA) for this application. She then reviewed staff comments and recommendations for the project.

Mr. Justin Englert and Mr. David Blinkworm of Tim Englert Construction explained that the lot is relatively flat and described the proposed addition, which will be set back 18 inches from the main mass of the house with floor heights matching the existing structure. They addressed build options suggested by staff, including alternatives to lower the roof height, and discussed the design of the gables on the front porch and garage. Mr. Englert also spoke about cost considerations related to lowering the roof lines.

He stated that the existing foundation will be matched and that the owners are open to modifying the small window on the first-floor rear elevation and the transom window on the second-floor rear elevation.

The Board, applicants, and staff reviewed several design elements, including confirmation that the front windows will remain unchanged, the possibility of retaining the existing front door opening but replacing the transoms with two doors, and three roof options: leaving the roof as proposed, raising it to two stories, or lowering it to the first-floor height. They also considered the farmhouse aesthetic created by a lowered porch roof and discussed various design features related to the roof, columns, and dormers.

A motion was made by Mr. Workley, seconded by Ms. Sredinski, that this AHBR Application be continued. The motion carried by the following vote:

Aye: 5 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski and Mr. Brown

Absent: 2 - Ms. Kenney and Ms. Manko

I. AHBR 25-1497 **241 Ravenna Street**

New House (Single-Family Dwelling)

Attachments: 241 Ravenna St - AHBR Packet

Ms. Coffman introduced the application by reviewing staff comments and recommendations.

Mr. Laurn Reel of Wayne Homes distributed and discussed revised plans, addressing staff comments in detail. She explained that the revisions included adding a dormer, ensuring consistent siding around the house, incorporating window grids on all windows, creating a uniform foundation, and adding three windows to resolve fenestration concerns. She clarified that the absence of a porch on the original elevation was due to a CAD error. Ms. Reel also addressed the grade height and setback of the home.

The Board, applicant, and staff discussed several design considerations, including the need for a consistent foundation around the house, the addition of an extra front gable, the use of brick extending to grade, and consistent trim around windows and doors. They also considered the possibility of enlarging the front porch and noted that this section of Ravenna Street is characterized by many simple one-story homes.

Mr. Workley moved to approve the application with specific conditions, and the motion was seconded by Ms. Marzulla. The conditions included the following: an added gable on the front elevation; matching siding around the house; consistent siding height around, the lower level to be exposed concrete block with a brick finish; windows to include grids; and three additional windows as shown on the revised elevations. The motion was approved by the following vote:

Aye: 5 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski and Mr. Brown

Absent: 2 - Ms. Kenney and Ms. Manko

VII. Other Business

J. AHBR 8424 **1957 Norton Rd (Informal)**

New House (Single Family Dwelling)

Attachments: 1957 Norton Rd - AHBR Packet

Mr. Sugar introduced the application by describing the vacant lot, noting that it contains wetlands and a stream and that the proposal will require a variance if it moves forward. He displayed and explained the proposed orientation of the house, which does not face the street, and requested feedback on the overall design.

The Board and staff discussed several aspects of the proposal, including how the design compares to adjoining neighborhood houses, the compatibility challenges posed by the shed, and the interior layout featuring 15- and 20-foot-high ceilings in portions of the house, which the Board described as having odd proportions. They also noted that the south window design appears proportionally unusual.

The Board expressed concerns about compatibility and stated that they would like additional information and an opportunity to speak directly with the applicant.

This matter was discussed

K. AHBR 1.14.2026 **Minutes of Previous Architectural & Historic Board of Review Meeting: January 14, 2026.**

Attachments: January 14, 2026 AHBR Meeting Minutes - Draft

A motion was made by Ms. Marzulla, seconded by Ms. Sredinski, that the January 14, 2026, Minutes be approved. The motion carried by the following vote:

Aye: 5 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski and Mr. Brown

Absent: 2 - Ms. Kenney and Ms. Manko

VIII. Staff Update

Ms. Coffman briefed the Board on requested edits to the historic district survey and raised the question of whether a specific product could be named as an AHBR-approved product rather than simply listed as preferred, while still leaving the option open for additional products to be considered in the future.

Mr. Sugar informed the Board that Naylor Wellman has resigned as the historic consultant, which leaves the Board without a consultant. He stated that he would begin by using the State website, which provides a list of recommended architects.

This matter was discussed

IX. Adjournment

A motion was made by Ms. Marzulla, seconded by Ms. Sredinski, that the meeting be adjourned at 9:52 pl.m.. The motion carried by the following vote:

Aye: 5 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski and Mr. Brown

Absent: 2 - Ms. Kenney and Ms. Manko

_____

John Caputo, Chair

_____

John Workley, Secretary

_____

Joe Campbell, Executive Assistant

Upon approval by the Architectural & Historic Board of Review, this official written summary of the meeting minutes shall become a permanent record, and the official minutes shall also consist of a permanent audio and video recording, excluding executive sessions, in accordance with Codified Ordinances, Section 252.04, Minutes of Architectural and Historic Board of Review, Board of Zoning and Building Appeals, and Planning Commission.

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City of Hudson, Ohio

Staff Report

File Number: AHBR 2.11.2026

Meeting Date: 2/25/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Architectural & Historic Board of Review **File Type:** Minutes

Minutes of Previous Architectural & Historic Board of Review Meeting: February 11, 2026.

City of Hudson, Ohio

Meeting Minutes - Draft
Architectural & Historic Board of Review

John Caputo, Chair
Allyn Marzulla, Vice Chair
John Workley, Secretary
Andrew Brown
Amy Manko
Françoise Massardier-Kenney
Jamie Sredinski

Nicholas Sugar, City Planner
Lauren Coffman, Associate Planner

Wednesday, February 11, 2026 **7:30 PM** **Town Hall**
27 East Main Street

I. Call To Order

Chair Caputo called to order the regularly scheduled meeting of the Architectural & Historic Board of Review of the City of Hudson at 7:30 p.m., in accordance with the Sunshine Laws of the State of Ohio, O.R.C. Section 121.22.

II. Roll Call

Present: 7 - Mr. Caputo, Ms. Kenney, Ms. Marzulla, Mr. Workley, Ms. Sredinski, Mr. Brown and Ms. Manko

III. Public Comment

Ms. Susan Nemmens, representing the Hudson Heritage Association, reported that she attended an AHBR workshop on historical standards and materials. She provided a review of the history of the existing Bandstand on Main Street and expressed concerns about the proposed changes for the new bandstand. Specifically, Ms. Nemmens questioned the design, size, and proposed materials, and encouraged the AHBR to carefully review the project in light of Hudson's historical standards and the bandstand's prominent location.
She also noted that the current website does not accurately reflect the proposed changes, including the addition of a stage at the top of the gazebo. Furthermore, Ms. Nemmens raised concerns about the accelerated timeline for the project, stating that residents do not have a clear understanding of the proposed work.

Seeing no one else coming forward, Chair Caputo closed Public Comments.

IV. Consent Applications

There were no applications on the Consent Agenda.

V. Old Business

A. AHBR 25-1478 88 N Main Street (Historic District)

Alterations (Hanging sign & door replacements)

Ms. Coffman opened the discussion by reviewing the revised sign application along with staff comments.

Attorney Joseph Kerman, representing Kapners Tavern, and Ms. Arnold, Kepners Tavern, explained that the proposed sign will be made of wood and handcrafted. Ms. Arnold added that the new sign will be nearly identical to the previous one, with only minor wording changes. She emphasized that it will be hand-carved, feature a routed edge, and include no vinyl graphics.

Turning to the doors, Mr. Kerman noted that the former doors were originally designed for a residence and not suitable for a commercial property, particularly in terms of security. He explained that the old doors did not close properly, and the owner was advised to install doors that resemble others along Main Street. He also pointed out that the side door is only visible when walking down the alleyway.

Staff reported finding a previous permit for the front door but no documentation for the side door. The Board, staff, and applicants then discussed the enlargement of the door opening. Ms. Arnold clarified that when the previous door was installed, extra trim was added to accommodate the residential door, whereas the current installation restores the original opening. It was also noted that: The type of door prior to the previous installation is unknown, the transom remains unchanged, and the current door is contemporary in style, which does not conform to historic standards.

Chair Caputo reminded the group that the owner participated in an informal AHBR review regarding the front door replacement. Mr. Kerman stated the door needed to be replaced for security reasons and argued that many doors on Main Street resemble the new one. He stated that the owners will work to make the doors appear more historically appropriate. He also mentioned that replacing the door would cost thousands of dollars and requested that the decision on the front door be tabled to allow time to collaborate with staff on a solution. The Board observed that the side door appears more historically accurate than the front door.

Additional comments addressed ADA compliance for the entrance and confirmed that the maximum allowable sign size is six square feet. The discussion concluded with consideration of other repairs and replacements required by the City.

Mr. Workley made a motion, seconded by Ms. Sredinski, to approve the sign with the following conditions: A maximum size of six feet, wood carved, no vinyl, and routed edges. Decisions regarding the doors to be continued to a future meeting. The motion was approved by the following vote:

Aye: 7 - Mr. Caputo, Ms. Kenney, Ms. Marzulla, Mr. Workley, Ms. Sredinski, Mr. Brown and Ms. Manko

B. AHBR 2025-363 33 E Streetsboro Street (Historic District)

Accessory Structure (ADU)

Ms. Coffman introduced the application by noting that AHBR approval was given at the May 14, 2025, AHBR meeting. The issue before the Board is that vinyl windows were used instead of the approved Pella Reserve series windows.

Ms. Tracy Crawford, homeowner, and Mr. Bob George, window supplier, were present for the meeting. Ms. Crawford stated that the approved windows were not available when the windows were installed. Mr. George also noted that the Anderson windows which were used are all wood and similar to the Pella windows.

The Board, staff, and applicant, reviewed Ms. Crawford pictures of the Anderson windows that she believes have an identical look to a Pella Reserve window. Mr. Caputo noted that the approved Pella windows have applied dividers. Mr. Sugar noted that vinyl is not a historical material and this window has not been approved in a past meeting. The Board did not speak favorably regarding the vinyl windows.

A motion was made by Ms. Marzulla, seconded by Ms. Kenney, that this AHBR Application be denied because: The approved windows were not used, and the windows that were used have vinyl cladding.. The Board also request staff to prepare Findings of Facts for the AHBR denial. The motion carried by the following vote:

Aye: 7 - Mr. Caputo, Ms. Kenney, Ms. Marzulla, Mr. Workley, Ms. Sredinski, Mr. Brown and Ms. Manko

C. AHBR 25-1492 6335 Elmcrest Dr

Addition (Living Room, Office, Bathroom, & Bedrooms)

Ms. Coffman introduced the application by describing the project, noting that BZBA has approved a variance for the project, and detailing the revised elevations and staff comments.

Mr. Justin Englert, Tim Englert Construction, described the updated elevations and stated that the foundation line will match around the house, that a grading plan will be submitted with the final submittal, and that the roofing material above the door is to be decided.

The Board, applicant, and staff noted the existing windows will remain as is and that the posts will be 6 or 7 inches and evenly spaced on the porch.

Mr. Workley made a motion, seconded by Ms. Kenney, to approve noting the foundation block will match around the building, that the columns will be approximately 6 or 7 inches, and the roof will match the main mass. The motion was approved by the following vote:

Aye: 7 - Mr. Caputo, Ms. Kenney, Ms. Marzulla, Mr. Workley, Ms. Sredinski, Mr. Brown and Ms. Manko

VI. New Business

A. AHBR 26-62 37 E. Main Street (Historic District)

Accessory Structure (Garage Expansion)

Ms. Coffman introduced the application by, describing the project and noting the updated plans.

Ms. Bridget Tipton, architect, stated the purpose of the project is to allow two cars to park in the driveway, and described the work to be done as detailed in the plans. Ms. Tipton also described the new door as better matching the carriage style of the building.

The Board, applicant, and staff discussed that the structure was built in 1961, that the plan is good, and that a pilaster can be added to the corner to help define the addition,

Mr. Workley made a motion, seconded by Ms. Marzulla, to approve the application while noting the shingles and corner boards are to match the existing and a pilaster will

be added at the pitch. The motion was approved by the following vote:

Aye: 7 - Mr. Caputo, Ms. Kenney, Ms. Marzulla, Mr. Workley, Ms. Sredinski, Mr. Brown and Ms. Manko

B. AHBR 26-26 **5955 Nicholson Dr**

Addition (Office, Changing Room & Covered Porch)

Ms. Coffman introduced the application by displaying the elevation, describing the project, and reviewing the staff comments and recommendations.

Mr. Robert Cogdeill, Roberts Construction, noted the lack of fenestration is partially mitigated by the bump out and noted if a window is required, a transom window will be most suitable, that the foundation materials will match the existing foundation, that trim will be applied - and the trim around the window will serve the dual purpose of trimming the door and a window, and that the existing shed will need to be removed for the project to move forward.

The Board, applicant, and staff discussed the fenestration issue becoming less important with the existing deck, that it is impractical in a bathroom, and that the lack of grids on the new real windows will match the existing rear windows.

A motion was made by Mr. Workley, seconded by Ms. Kenney, that this AHBR Application be approved as amended with the foundation matching the existing and the accessory building being removed. The motion carried by the following vote:

Aye: 7 - Mr. Caputo, Ms. Kenney, Ms. Marzulla, Mr. Workley, Ms. Sredinski, Mr. Brown and Ms. Manko

C. AHBR 26-54 **1436 Plantation Dr**

Addition (Master Bedroom, Bathroom and Laundry Room)

Ms. Coffman introduced the application by describing the project and reviewing the staff comments and recommendations. Mr. Ryan McNutt of RT Design Solutions stated that he agreed with the staff comments and distributed his responses along with revisions to the drawings. He explained that the new plan includes stepping back the required 18 inches, adding new siding, adjusting window locations to meet the required fenestration widths, ensuring all siding will be horizontal, and making adjustments to the windows and doors within certain limitations.

The Board, the applicant, and staff confirmed that all siding will be the same color and that the foundation will match the existing structure.

A motion was made by Mr. Workley, seconded by Ms. Kenney, that this AHBR application be approved as amended, with the updated drawings and the foundation to match the existing. The motion carried by the following vote:

Aye: 7 - Mr. Caputo, Ms. Kenney, Ms. Marzulla, Mr. Workley, Ms. Sredinski, Mr. Brown and Ms. Manko

D. AHBR 26-69 **11 S Main Street (Gazebo Green - Historic District)**

Alterations (Downtown Gazebo)

Ms. Jenna Stasik and Mr. Derek Kuryla of KGK explained that the proposal is City-sponsored and intended to make the central gathering place accessible to all while preserving its

historical integrity. Ms. Stasik presented two design options and emphasized the City's willingness to collaborate with the Hudson Heritage Association.

Mr. Kuryla stated that the redesign seeks to open all four sides of the gazebo for public use and performers and described the proposed ground plan. He also noted that reducing maintenance is a key objective of the project.

The Board, applicant, and staff discussed the process for reviewing the two design options and the need to understand the existing gazebo and proposed changes. Ms. Stasik indicated that the City's preferred option is the more accessible design, while Mr. Kuryla explained that the lift alternative involves a ramp wrapping around the entire structure. Concerns raised included the popularity of the existing design, the desire for a site visit by Board members and the community, the frequent use of the Green (over 45 times per year), and the potential loss of charm with additional concrete. Other points included whether the design is appropriate for a historic structure in the district, the scale of modifications required for ADA compliance, the goal of maintaining openness in the public space, and whether music groups would prefer an elevated platform if it were large enough. The Board expressed concerns about losing historic integrity, requested elevations and site work details, noted that the circular design does not relate to the octagonal structure, and questioned whether the project feels rushed. Members stressed the significance of the gazebo as an important historic structure to the community.

Further discussion focused on the necessity of renovation and whether alternatives could preserve the gazebo's historic integrity. Ms. Stasik noted that many aspects of the structure are in poor condition, while the Board emphasized that the Historic District process prioritizes repair over replacement. Members agreed on the need for a site visit with the area staked out and requested a clear plan with elevations and materials for analysis. The Board also noted that they have not received complaints from musicians or the public regarding accessibility to the upper portion of the gazebo.

Staff confirmed that a site visit will be scheduled and that Board comments will be considered in preparing a revised proposal.

A motion was made by Mr. Workley, seconded by Ms. Sredinski, that this AHBR Application be continued. The motion carried by the following vote:

Aye: 7 - Mr. Caputo, Ms. Kenney, Ms. Marzulla, Mr. Workley, Ms. Sredinski, Mr. Brown and Ms. Manko

VII. Other Business

A. AHBR 8495 130 N Oviatt Street (Historic District)(Informal)

Addition (Commercial)

Ms. Coffman introduced the application, noting that it involves a commercial addition and will require a major site plan review by the Planning Commission. She also reviewed staff comments and recommendations, emphasizing that the building is not subject to review under the Secretary of the Interior Standards for Rehabilitation.

Mr. Jason Boltz of Wheeler Boltz Architects and Mr. Jeff Jacko of WRA described the proposed addition as a two-story classroom space designed to help the existing building align

more closely with Western Reserve style architecture. The design aims to integrate the structure contextually with surrounding buildings, provide HVAC space in each room, correct existing entry issues, and ensure ADA compliance.

The Board, applicants, and staff discussed several points, including the presence of a well on the side of the building, the popularity and importance of Maker Space classes for students and recruitment, compliance of the windows with Department of the Interior guidelines, and the use of materials that will match surrounding structures. It was noted that the donor gift requires modern design elements for the innovation center. The Board encouraged WRA to consult with other schools that have implemented similar programs.

Further discussion focused on the visibility of the proposed structure from various vantage points on campus, its location, and how topography affects views of the addition. Renderings of the proposed work were reviewed, and the applicant's stated a "less is more" approach to the modern glass design will be followed. The Board also addressed the proposed 18-inch height increase above the existing building, which violates the LDC but is necessary for HVAC purposes; Board comments indicated this is unlikely to be a major issue. Finally, the Board expressed a desire for renderings showing the view from the President's house.

AHBR 8493 **159 Hudson Street (Informal)**

New House (Demolition and Single-Family Dwelling)

Ms. Coffman introduced the informal discussion for a new house and reviewed the staff comments. Mr. Brendan Boatwright, McAlpine House,, architect and project manager, noted that the current house has a subtle tilt in relation to the street and displayed a rendering of the proposed structure. He explained that the design includes a garage positioned forward of the house, which the Board has not previously approved, and emphasized that the neighborhood features many prominent garages. He stated that true carriage house doors will be used and that efforts are being made to ensure the new house appears consistent with the character of the surrounding homes.

Mr. Boatwright acknowledged concerns about the size of the proposed house and that a setback of more than 10% might be requested. The Board noted that it may not fit the neighborhood and further indicated that, while the design is attractive, its scale may be too large for the lot and could require up to seven exceptions to the code, which the Board is generally not inclined to grant. Mr. Boatwright stated that a house designed to meet all code requirements might not be as beneficial for the neighborhood and requested that some exceptions be considered. The Board noted this will only be determined upon review of the final plan.

This matter was discussed

B. AHBR 8494 **22 Essex Rd (Informal)**

Addition (Kitchen, Master Bedroom, Great Room, & Screened Porch)

Ms. Coffman introduced the informal review and staff comments.

Mr. Nate Bailey, Hara Architects, reviewed the renderings of the proposed house which is a type of Tutor style, explained why some of the recommendations are being made, noted on the front of the house all the windows will be replaced, a new siding will be applied to the

entire house, discussed the various roof lines, that brick will be matched to the extent possible, and noted brick will be the most prominent feature.

The Board, applicant, and staff discussed: The use of brick around the window, the possibility of moving some of the rear windows to improved the large window proportions below, that the home does not have a water table, that the same style roof is being proposed as an existing roof, that two new roof shapes are being introduced, that there are existing hip roofs on the existing roof, that everything on the front of the house is existing, that the rear chimney height, as depicted on the elevation, need to be checked for correctness, that clipping the gable will not look appropriate, and that the entire roof will be replaced and new siding installed.

The Board did not have major objections to the proposed elevations.

This matter was discussed

D. AHBR 25-1375 Findings of Fact **Architectural and Historic Board of Review Findings of Fact for case #25-1375, for the property at 7542 Darrow Road.**

Ms. Coffman introduced the official Findings of Facts, as prepared by staff.

A motion was made by Ms. Sredinski, seconded by Mr. Workley, that the Findings of Facts as presented be approved. The motion carried by the following vote:

Aye: 6 - Mr. Caputo, Ms. Marzulla, Mr. Workley, Ms. Sredinski, Mr. Brown and Ms. Manko

Abstain: 1 - Ms. Kenney

E. AHBR 1.28.2026 **Minutes of Previous Architectural & Historic Board of Review Meeting: January 28, 2026.**

A motion was made by Ms. Kenney, seconded by Ms. Sredinski, that this Minutes approval be postponed to 2/25/2026. The motion carried by the following vote:

Aye: 7 - Mr. Caputo, Ms. Kenney, Ms. Marzulla, Mr. Workley, Ms. Sredinski, Mr. Brown and Ms. Manko

VIII. Staff Update

There were no staff updates.

IX. Adjournment

A motion was made by Ms. Marzulla, seconded by Ms. Sredinski, that the meeting be adjourned at 10:35 pm. The motion carried by the following vote:

Aye: 7 - Mr. Caputo, Ms. Kenney, Ms. Marzulla, Mr. Workley, Ms. Sredinski, Mr. Brown and Ms. Manko

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John Caputo, Chair

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John Workley, Secretary

_____

Joe Campbell, Executive Assistant

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