

HDC

ADMINISTRATIVE APPROVALS

September 09, 2026

- 1. 31 Market Street**
- 2. 6 Dearborn Street**
- 3. 78 Fleet Street**
- 4. 34 Highland Street**
- 5. 25 Cabot Street**
- 6. 244 New Castle Avenue**
- 7. 394 Pleasant Street**
- 8. 175 Fleet Street**

1. 31 Market Street

-Recommended Approval

Background: The applicant is seeking approval for the installation of a metal diamond pattern cover at the front entrance.

Staff Comment: Recommended Approval

Stipulations:

1. _____
2. _____
3. _____







2. 6 Dearborn Street

-Recommended Approval

Background: The applicant is seeking approval to install a brick veneer to the foundation and stairs of the home.

Staff Comment: Recommended Approval

Stipulations:

1. _____
2. _____
3. _____



✦ AI-generated content



AI generated rendering of the brick veneer.

3. 78 Fleet Street

-Recommended Approval

Background: The applicant is seeking approval for the installation of HVAC equipment.

Staff Comment: Recommended Approval

Stipulations:

1. _____
2. _____
3. _____





SAMSUNG

Submittal Data

AR24DXDABWKNCV (RNX24ABD) / AR24DXDACWKXCV (RXX24ACD)

WindFree™* Max Heat®, Wall Mounted Evaporator, Heat Pump Split System

Job Name: 78 Fleet Street HVAC Replacement

Purchaser: K&S Mechanical LLC

Submitted to: Portsmouth HDC

Unit designation: Brass Tacks Photography

Location: 78 Fleet Street, Portsmouth NH 03801

Engineer: Ed Schleich

Reference ☐ Approval ☒ Construction ☐

Schedule #: _____

General Information

- The system shall feature Comfort Humidity Control. Utilizing an integral humidity sensor, the system optimizes the indoor unit coil temperature according to the dew point, maximizing energy savings while. Unit also provides space dehumidification whenever the system is at or near set point. Comfort Humidity Control is only available when operating in Auto, AI Auto, Cooling with auto fan, or Dry modes.
- The system shall provide 100% heating capacity at -4°F outdoor temperature and high heating capacity at -22°F outdoor temperature.
- The outdoor unit shall have a base pan heater as standard for optimal defrost cycle water drainage
- The indoor unit shall feature WindFree™* mode. When activated in cooling mode the unit will close its louver and will disperse air into the space through thousands of micro-holes on the front of the indoor unit preventing cold air drafts on occupants.
- The system shall have a built-in Wi-Fi adapter as standard to allow control and monitoring using the Samsung SmartThings app.
- The outdoor unit shall provide 208/230V power to the indoor unit via 14 AWG X 3 interconnect power cable.
- Interconnecting control wiring between the outdoor to indoor shall be 2-conductor/stranded copper/shielded cable between 18-16 AWG.

Construction

- Indoor unit chassis shall be UL94 V0 with a galvanized steel mounting bracket
- The indoor unit shall have easy access to wire, pipe, and drain connections via the access panel on the bottom of the unit for simple installation and service
- The outdoor unit shall be galvanized steel with a baked-on powder coated finish for durability

Heat Exchanger

- The heat exchangers shall be mechanically bonded fin to copper tube

Refrigerant System

- The system shall utilize low-GWP R-32 refrigerant
- The compressor shall be hermetically sealed, inverter controlled, BLDC Rotary
- Refrigerant flow shall be controlled by an electronic expansion valve at the outdoor unit

Indoor Fan

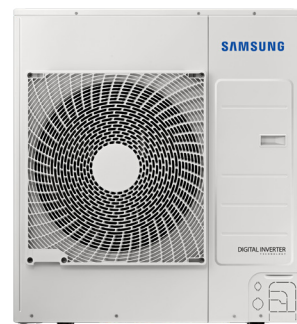
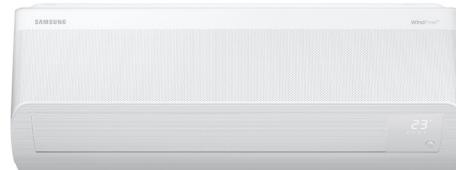
- The indoor fan shall be a single cross-flow type
- Three fan speed settings and auto settings
- Automatic (motorized) vertical swing (up/down) and horizontal swing (left/right) louvers

Controls

- The indoor unit shall ship with a rechargeable, solar-cell wireless controller. The wireless controller battery shall be charged with a USB C cable or the integral solar panel.
- The included wireless controller shall have a pixel display that is visible in low light conditions.
- Dual set temperature support when connected to supported wired controllers.
- The indoor unit shall have a simple connection for condensate overflow detection devices or any normally closed contact for simple unit shutdown.
- Samsung central control compatible (accessory required)

External Heat Control

- External heat control functionality allows for configuration of fan operation during



Note: Unit appearance may vary slightly

auxiliary heat operation, defrost, and emergency heat (MIM-B14U accessory required).

- External heat control configuration settings includes outside ambient external heat lockout, outside ambient compressor lockout, and time delay options (MIM-B14U accessory required).
- Emergency heat functionality allows the system to continue controlling the external heat source even when system errors prevent the heat pump from operating (MIM-B14U accessory required).

Convenience

- 7-segment digital display on the front of the unit to display temperature and unit status
- Washable main filter as standard accessible from the top of the unit
- System energy consumption can be viewed using the Samsung SmartThings mobile app or on the indoor unit display using the included wireless controller (conditions apply).
- AI (artificial intelligence) Auto Mode technology monitors factors such as indoor temperature, outdoor temperature, set temperature, and operating time to learn the patterns within your home to automatically adjust system operation to maximize occupant comfort and efficiency (Wi-Fi connection required).
- AI Energy mode technology enhances energy saving operation using advanced compressor control techniques
- Eco Mode to reduce energy consumption during low demand operation
- Smart install mode - Startup system diagnostics operation to ensure system readiness during initial operation
- Auto restart after power loss
- Other Features and functions: Auto changeover, Auto Clean Function, Freeze Wash Function, MAX mode to quickly reach set temperature, Good'sleep mode, Quiet mode, Dry mode, Simple ON/OFF time function (activated with wireless controller), Filter cleaning reminder



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor or visit www.energystar.gov.

*The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE (American Society of Heating, Refrigerating, and Air Conditioning Engineers).

Samsung HVAC maintains a policy of ongoing development. Specifications are subject to change without notice. Refer to www.AHRIdirectory.org for current reference numbers.

System Specifications

Model	Indoor Unit Model Number (US Code)		AR24DXDABWKNCV (RNX24ABD)
	Outdoor Unit Model Number (US Code)		AR24DXDACWKXCV (RXX24ACD)
Performance	Nominal Capacity	Cooling / Heating (Btu/h)	22,000 / 25,000
	Capacity Range	Cooling (Btu/h)	8,500 - 31,000
		Heating (Btu/h)	7,500 - 42,500
	AHRI 210-240 2023	SEER2	20.00
		EER2	12.80
		HSPF2 (region IV)	9.50
		5°F COP	2.04
Power	Voltage	ø / V / Hz	1 / 208-230 / 60
	Working Voltage Range (VAC)		187 - 253
	Operating Current (min. / standard / max.)	Cooling (A)	2.7 / 7.8 / 13.7
		Heating (A)	2.6 / 9 / 18.5
	Max. Breaker	Amps	30.0
	Min. Circuit Ampacity	Amps	21.0
Dimensions	W X H X D (in.)	Indoor Unit	41 9/16 X 11 3/4 X 8 7/16
		Outdoor Unit	37 X 39 5/16 X 13
	Weight (lbs.)	Indoor Unit	27.30
		Outdoor Unit	150.40
Sound Pressure Level	Indoor Unit dB(A)	Silent / High	28 / 47
	Outdoor Unit dB(A)	Cooling (high)	54
Operating Temperatures	Outdoor	Cooling	0 - 115°F (-18 - 46°C)
		Heating	-22 - 75°F (-30 - 24°C)
	Indoor	Cooling	64 ~ 90°F (16 ~ 32°C)
		Heating	T ≤ 86°F (30°C)
Pipe Connections	Indoor & Outdoor	High side (In.)	1/4
		Low side (In.)	5/8
	Maximum (ft.)		98
	Maximum Vertical Separation (ft.)		66
	Condensate Connection		11/16" OD
Refrigerant	Type		R-32
	A2L Leak Detection		Not Included
	Factory Charge	oz.	70.6
	Charged for		24.6 ft.
Compressor	Type		Inverter Driven, Twin BLDC Rotary
	RLA	Amps	7.8
Evaporator Fan	Type		BLDC motor with cross-flow fan
	FLA	Amps	0.12
	Output	Watts	27.0
Airflow	Air Volume (L/M/H/Turbo)	Cooling (CFM)	445 / 533 / 622 / 713
		Heating (CFM)	445 / 533 / 622 / 713
Condenser Fan	Type		BLDC With Axial Type Fan (1)
	FLA / Watts / CFM (max.)		1.25 / 125 / 2,825
Corrosion Prevention	ISO-9227 - The condenser heat exchanger showed no unusual rust or corrosion development to 240 hours.		
Safety	Certifications	UL 60335-2-40	
	Devices	PCB fuses, indoor unit terminal block thermal fuse, current transformer, over-voltage protection, crankcase heating, temperature limit protection logic, compressor overload sensing	
	Battery Chemistry	(Remote Control only) Lithium Ion	

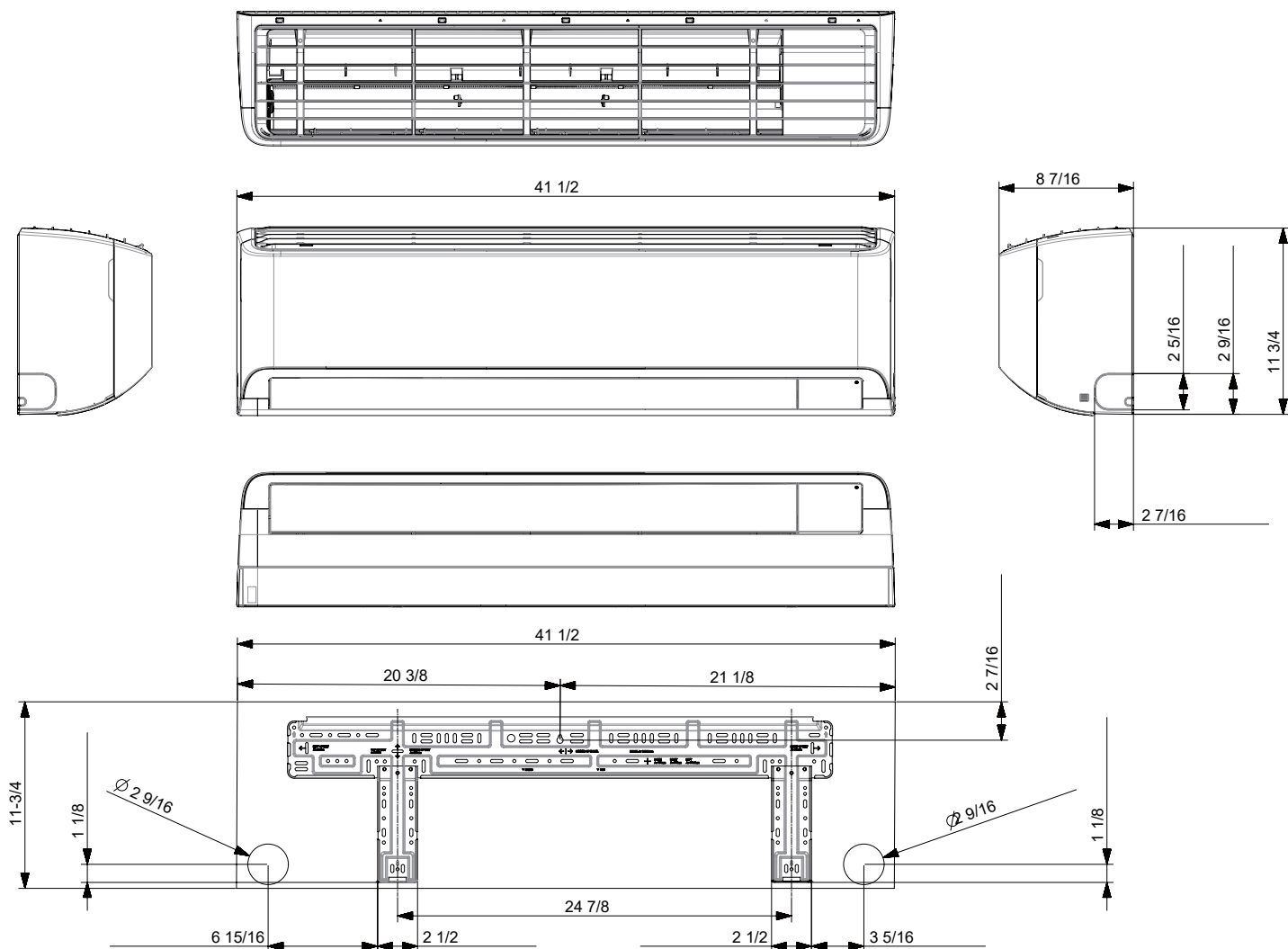
Accessories

Condensate pump	Aspen Mini Orange; 110-230V	☐ ASP-MO-UNIV 110-250
	Ghost™ Remote Mount w/Reservoir; 100-240VAC	☐ 83909
	Blue Diamond MaxiBlue V2 w/Reservoir; 115-230V	☐ X88-721
	Blue Diamond MaxiBlue V2 w/Reservoir and Slim Fascia kit; 115-230V	☐ X88-011
Wired controller (sub-PCB model MIM-A00UN is required)	Advanced	☐ MWR-WG01UN
	Touchscreen	☐ MWR-SH12UN
Wired controller sub-PCB		☐ MIM-A00UN
24 VAC Thermostat adapter (sub-PCB model MIM-A00UN is required)		☐ MIM-A60UN
External temperature sensor		☐ MRW-TAU
External contact control interface module (sub-PCB model MIM-A00UN is required)		☐ MIM-B14U
Central control interface module		☐ MIM-R10UN
Wall bracket (for outdoor unit)		☐ CKN-250
Wind baffles	Front	☐ WBF-2M-B
	Back	☐ WBB-3M
Hail guard kit (includes back and side guards)		☐ HGK-3
Line set - insulated and flared, interconnect cables included	25'	☐ ILS2509

Dimensional Drawing

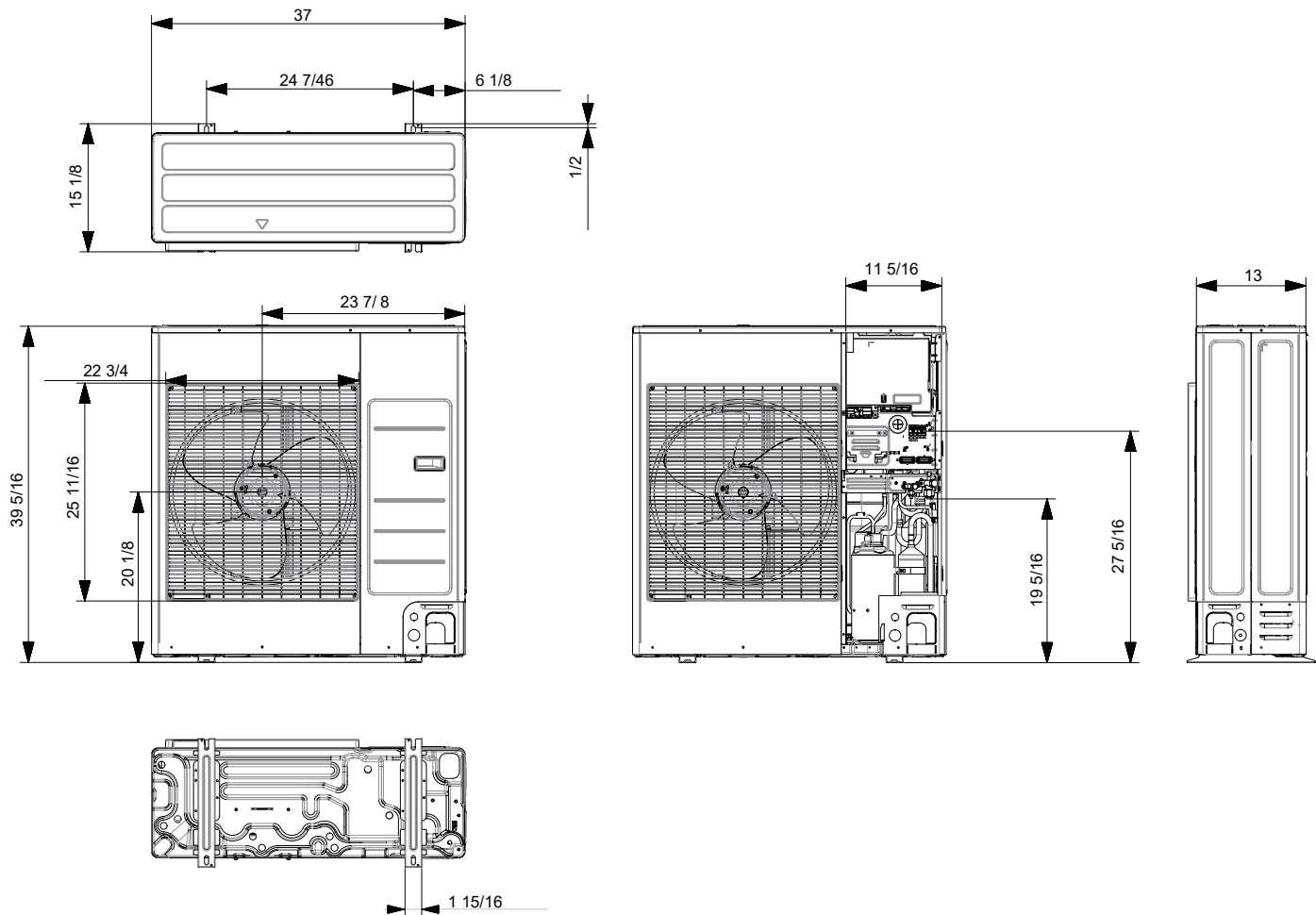
AR24DXDABWKNCV (RNX24ABD)

Unit: Inches



Dimensional Drawing
AR24DXDACWKXCV (RXX24ACD)

Unit: Inches



4. 34 Highland Street

-Recommended Approval

Background: The applicant is seeking approval for the installation of multiple HVAC condensers.

Staff Comment: Recommended Approval

Stipulations:

1. _____
2. _____
3. _____

3:42

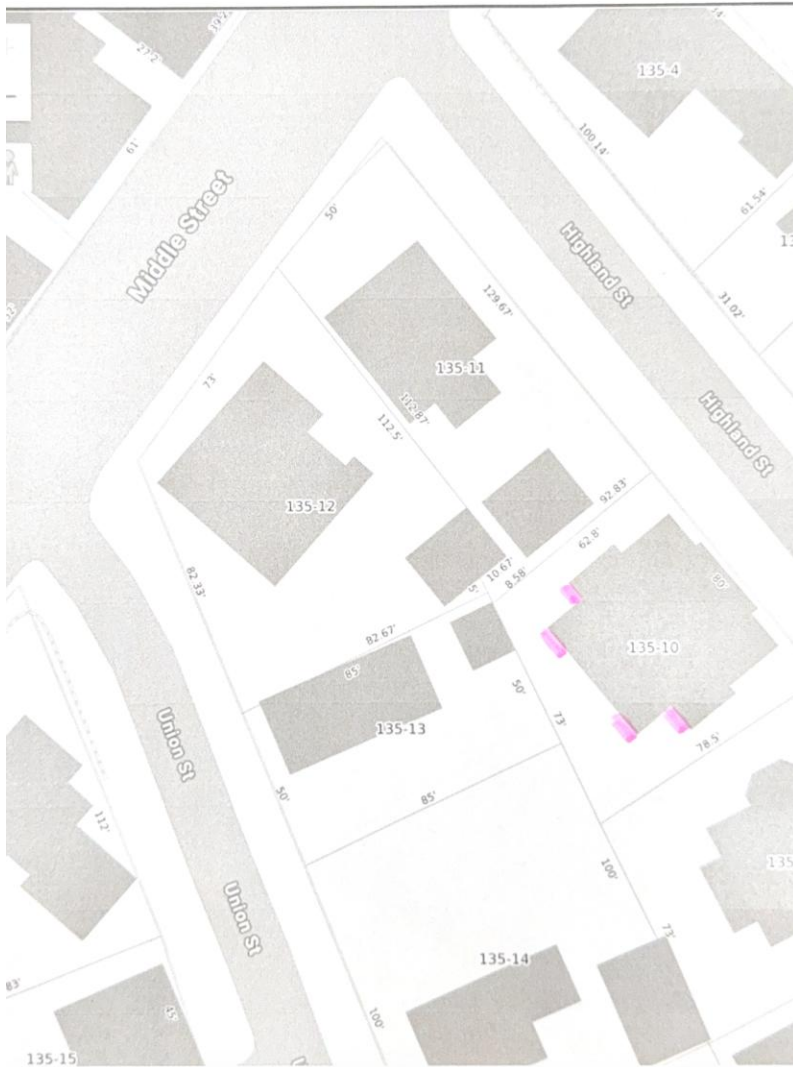
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City of Portsmouth, NH



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5. 25 Cabot Street

-Recommended Approval

Background: The applicant is seeking approval for:

- Demo all trim boards on posts, deck trim, risers and stringers.
- Demo existing railing system, floorboards, lattice and stairs
- Reframe deck joists as needed, install joist hangers and joist tape
- Install flashing where the deck connects to the building
- Install new stairs (stringers, risers, etc.)
- Install new composite railing system • Install new hardwood floorboards, face screwed & plugged from same material
- Install new composite trim on all posts, deck skirt, stairs
- Install new composite trim boards for lattice and lattice trim

Staff Comment: Recommended Approval

Stipulations:

1. _____
2. _____
3. _____



Existing conditions.

Proposal:

Plan to keep existing profile. All composite wood to match the current existing white and new hardwood floorboards would match the existing structure.

Issue Date: 12-01-2008
Revision Date: 03-22-2026
Renewal Date: 03-31-2027

DIVISION: 06 00 00 – WOOD, PLASTICS AND COMPOSITES
Section: 06 63 00 – Plastic Railings

REPORT HOLDER:

Trex Company, Inc.
2500 Trex Way
Winchester, VA 22601
(540) 542-6300
www.trex.com

REPORT SUBJECT:

Trex Transcend® Composite Railing
Trex Select® Classic Composite Railing
Trex Enhance® Composite Railing
Trex Select Mesh™ Composite Railing
Trex Select T-Rail® Composite Railing

1.0 SCOPE OF EVALUATION

1.1 This Research Report addresses compliance with the following Codes:

- 2024, 2021 and 2018 *International Building Code®* (IBC)
- 2024, 2021 and 2018 *International Residential Code®* (IRC)

NOTE: This Report references 2024 Code sections. Section numbers in earlier versions of the Codes may differ.

1.2 **Trex Transcend®, Select® and Enhance®** railing systems have been evaluated for the following properties:

- Structural Performance
- Durability
- Surface Burning
- Decay Resistance
- Termite Resistance

1.3 **Trex Transcend®, Select® and Enhance®** railing systems have been evaluated for the following uses:

- **Trex Transcend®, Select® and Enhance®** railing systems are guardrails (guards) under the definitions of the referenced Codes and are intended for use on elevated

walking areas in buildings and walkways, including stairs and ramps, as required by the referenced Codes.

- Guardrail systems are provided as level guards for level walking areas such as decks, balconies and porches, and sloped guards for open sides of stairways.
- Guardrail systems recognized in this Report may be used in One- and Two-Family Dwellings regulated by the IRC and all construction types regulated by the IBC in accordance with IBC Sections 705.2.2 and 705.2.3.1, Exceptions 2 and 3. Guardrails less than 42" high are limited to use in One- and Two-Family Dwellings (IRC). See Table 1 for additional restrictions based upon Use and Occupancy Classification.

2.0 STATEMENT OF COMPLIANCE

Trex Transcend®, Select® and Enhance® railing systems comply with the Codes listed in Section 1.1, for the properties stated in Section 1.2 and uses stated in Section 1.3, when installed as described in this Report, including the Conditions of Use stated in Section 6.0.

2.1 2024 IBC and IRC Evaluation Reports

The Intertek CCRR is an *Evaluation Report* for approval of an alternate material, design, or method of construction in accordance with Section 104.2.3.6.1 of the 2024 IBC and Section R104.2.2.6.1 of the 2024 IRC.

3.0 DESCRIPTION

3.1 Railing systems include top and bottom rails, baluster spacers and rail inserts (**Transcend®** only), balusters, mesh panels, post sleeves, rail brackets, foot blocks and decorative moldings. See Table 1 for recognized railing dimensions.

3.2 Rails and post sleeves are wood-plastic composite extrusions with a PVC or acrylic cap layer, baluster spacers and rail inserts are PVC extrusions, and balusters are either wood-plastic composite or aluminum extrusions. Mesh



panels are steel. Rail brackets, foot blocks and decorative moldings are injection-molded plastic parts.

3.3 *Trex Transcend*® railing is produced in Charcoal Black, Classic White, Rope Swing, and Vintage Lantern, consisting of the following components (see Figure 2):

3.3.1 The top rail is a crown profile with overall dimensions of 3.312" wide by 2.453" tall.

3.3.2 The bottom rail is an "H" profile with overall dimensions of 3.000" wide by 2.004" tall.

3.3.3 Infill Options:

3.3.3.1 Balusters are available in a 1.418" square composite profile or 0.750" round aluminum profile. Balusters are inserted into holes in baluster spacers snapped into the top and bottom rails. Rail inserts are installed into the top and bottom rails when using aluminum balusters.

3.3.3.2 Glass panel of 1/4 inch thick tempered glass. The glass panel is inserted into the top rail and slides up, to clear the bottom rail. The glass panel is aligned with the bottom insert and pushed down into the insert.

3.3.4 Rails are attached to posts with nylon brackets.

3.3.5 The post sleeve is a 4.450" square profile with two or three internal ribs of each wall. The post sleeve is produced in Charcoal Black, Classic White, Rope Swing and Vintage Lantern. Post sleeve options are shown in Figure 8.

3.4 *Trex Select*® Classic railing is produced in Charcoal Black and Classic White, and *Trex Enhance*® railing is produced in Charcoal Black, Classic White, Saddle and Vintage Lantern. Both railing systems consist of the following components (see Figure 4):

3.4.1 The top and bottom rails are rectangular profiles with overall dimensions of 2.750" wide by 2.000" tall. The top rail is oriented flatwise, and the bottom rail is oriented edgewise.

3.4.2 Infill Options:

3.4.2.1 Balusters are only available in a 0.750" round aluminum profile.

3.4.3 Rails are attached to posts with nylon brackets.

3.4.4 The post sleeve is produced in Charcoal Black, Classic White, Saddle and Vintage Lantern. Post sleeve options are shown in Figure 8.

3.5 *Trex Select Mesh*™ railing is produced in Charcoal Black. The railing system consist of the following components (see Figure 4):

3.5.1 The top and bottom rails are rectangular profiles with overall dimensions of 2.750" wide by 2.000" tall. The top rail is oriented flatwise, and the bottom rail is oriented edgewise.

3.5.2 Infill Options:

3.5.2.1 Steel mesh panel with 4" x 4" openings. The steel mesh panel is captured by u-shaped aluminum channel with a co-extruded PVC anti-rattle gasket applied to the top rail, bottom rail and both end posts.

3.5.3 The top rail is attached to posts with metal brackets. The bottom rail is attached to posts with nylon brackets.

3.5.4 The post sleeve is produced in Charcoal Black. Post sleeve options are shown in Figure 8.

3.6 *Trex Select T-Rail*® railing is produced in Classic White. The railing system consist of the following components (see Figure 6):

3.6.1 The top rail is a T-shaped profile with top width of 3.500" and overall height of 2.960"

3.6.2 Balusters are available in a 1.000" square composite profile and a 0.750" round aluminum profile.

3.6.3 Rails are attached to posts with nylon brackets.

3.6.4 The post sleeve is produced in Classic White. Post sleeve options are shown in Figure 8.



4.0 PERFORMANCE CHARACTERISTICS

4.1 The guardrail systems described in this Report have demonstrated the capacity to resist the design loadings specified in Chapter 16 of the IBC and Section R301 of the IRC when tested in accordance with ICC-ES AC174 and ASTM D7032.

4.2 Structural performance has been demonstrated for a temperature range from -20 °F to 125 °F.

4.3 Materials used are deemed equivalent to preservative treated or naturally durable wood for resistance to weathering effects, decay and attack from termites. See Section 6.6 for limitations.

4.4 Materials used have a flame spread index of less than 200 when tested in accordance with ASTM E84.

5.0 INSTALLATION

5.1 General

Trex Transcend®, *Select*® *Classic/Enhance*®, *Select Mesh*™ and *Select T-Rail*® railing systems must be installed in accordance with the manufacturer's published installation instructions, the applicable Code and this Research Report. A copy of the manufacturer's instructions must be available on the jobsite during installation.

5.2 *Trex Transcend*® Railing (Figure 1)

5.2.1 The top and bottom rails are attached via bracket connections to conventional 4x4 wood posts covered with composite post sleeves. See Table 2 for fastening schedule.

5.2.2 Baluster spacers are snapped into the top and bottom rails and secured by a friction fit, and balusters are inserted into holes punched in the baluster spacers. When using aluminum balusters, rail inserts are installed into the top and bottom rails prior to installing the baluster spacers.

5.2.3 The foot block is an adjustable support installed between the deck surface and bottom rail using one #8-10 x 1-1/4" bugle head wood screw. At least one foot-block shall be installed at the midspan of the railing. For IBC use at spans over 6' OC, two foot-blocks shall be installed at the one-third points of the railing.

5.3 *Trex Select*® *Classic/Enhance*® and *Select Mesh*™ Railing (Figure 3)

5.3.1 The top and bottom rails are attached via bracket connections to conventional 4x4 wood posts covered with composite post sleeves. See Table 2 for fastening schedule.

5.3.2 Balusters for *Trex Select*® *Classic/Enhance*® are inserted into holes routed in the top and bottom rails.

5.3.3 Mesh panels for *Trex Select Mesh*™ are installed to aluminum channels with PVC anti-rattle gaskets attached to the top rail, bottom rail and posts.

5.3.4 The foot block is an adjustable support installed between the deck surface and bottom rail using one #8-10 x 1-1/4" bugle head wood screw. One foot block shall be installed at the midspan of the railing.

5.4 *Trex Select T-Rail*® Railing (Figure 5)

5.4.1 The top and bottom rails are attached via bracket connections to conventional 4x4 wood posts covered with composite post sleeves. See Table 2 for fastening schedule.

5.4.2 Balusters are inserted into holes routed in the top and bottom rails.

5.4.3 The foot block is an adjustable support installed between the deck surface and bottom rail using one #8-10 x 1-1/4" bugle head wood screw. One foot block shall be installed at the midspan of the railing.

5.5 The wood in the supporting structure, including support posts, shall have a specific gravity of 0.55 or greater (Southern Yellow Pine or better) and a minimum thickness to allow full penetration of the bracket mounting screws.

6.0 CONDITIONS OF USE

6.1 Installation must comply with this Research Report, the manufacturer's published installation instructions and the applicable Code. In the event of a conflict, this Report governs.

6.2 See Section 1.3 for construction types and use classifications.





6.3 Conventional wood supports, including support posts for guardrails, are not within the scope of this Report and are subject to evaluation and approval by the building official. Supports must satisfy Section R507.10 of the 2024 IRC, satisfy the design load requirements specified in Chapter 16 of the IBC, and must provide suitable material for anchorage of the rail brackets. Where required by the building official, engineering calculations and details shall be provided.

6.4 Only those types of fasteners and fastening methods described in this Report have been evaluated for the installation of the products listed in Section 1.0; other methods of attachment are outside the scope of this Report.

6.5 Compatibility of fasteners and other metallic components with the supporting structure, including chemically treated wood, is not within the scope of this Report.

6.6 The wood-plastic composite material used in the *Trex* guardrail systems described in this Report has not been evaluated for use in areas subject to Formosan termite attack.

6.7 The glass infill panel of railings are considered a hazardous location as defined by Sections 2406.4 of the IBC. Glass must be identified by permanent etching as required by Section 2406.3 of the IBC. Each section of glass must bear the manufacturer's name or mark and the applicable test standard (Class A of ANSI Z97.1 and Category II of 16 CFR 1201). Railings with glass infill are not approved for use in wind-borne debris regions as defined by the IBC in accordance with Section 2407.1.4.

6.8 *Trex* railing systems are manufactured in Winchester, VA, in accordance with the manufacturer's approved quality control system, with inspections by Intertek Testing Services, Inc.

7.0 SUPPORTING EVIDENCE

7.1 Drawings and installation instructions submitted by the manufacturer.

7.2 The reports of testing and engineering analysis proving compliance with the performance requirements of ICC-ES AC174, *Acceptance Criteria for Deck Board Span Ratings*

and *Guardrail Systems (Guards and Handrails)*, approved January 2012, editorially revised April 2024.

7.3 The reports of testing and engineering analysis demonstrating compliance with the performance requirements of ASTM D7032-21, *Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite and Plastic Lumber Deck Boards, Stair Treads, Guards, and Handrails*; with additional testing including increased test loads to address 2021 IBC Section 2407.1.1 for assemblies that utilize a glass infill panel.

7.4 Documentation of an Intertek-approved quality control system for the manufacturing of products recognized in this Report.

8.0 IDENTIFICATION

The *Trex* railing systems described in this Report shall be identified with labeling on the packaging to include the following:

8.1 Name and/or trademark of the manufacturer and the manufacturer's web address.

8.2 The following statement: "See CCRR-0132 at bpdirectory.intertek.com for use and performance levels." For railing systems limited to IRC use in Table 1, the label shall also include the phrase, "For Use in One- and Two-Family Dwellings Only."

8.3 The Intertek Code Compliance Research Report mark and number (CCRR-0132).



9.0 OTHER CODES

This section is not applicable.





10.0 CODE COMPLIANCE RESEARCH REPORT USE

10.1 Approval of building products and/or materials can only be granted by a building official having legal authority in the specific jurisdiction where approval is sought.

10.2 Code Compliance Research Reports shall not be used in any manner that implies an endorsement of the product by Intertek.

10.3 Reference to <https://bpdirectory.intertek.com> is recommended to ascertain the current version and status of this Report.

This Code Compliance Research Report ("Report") is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Report. Only the Client is authorized to permit copying or distribution of this Report and then only in its entirety, and the Client shall not use the Report in a misleading manner. Client further agrees and understands that reliance upon the Report is limited to the representations made therein. The Report is not an endorsement or recommendation for use of the subject and/or product described herein. This Report is not the Intertek Listing Report covering the subject product and utilized for Intertek Certification and this Report does not represent authorization for the use of any Intertek certification marks. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.





TABLE 1 – LEVEL GUARDRAIL SYSTEM BUILDING CODE RECOGNITION

Guardrail System	Balusters	Guardrail System Size (Length x Height) ⁽¹⁾	Number of Foot Blocks	Code Recognition
Trex Transcend®	1.418" Square Composite Baluster or 0.750" Round Aluminum Baluster	72" x 36"	1	IRC – One- and Two-Family Dwellings
		72" x 42"	1	IRC – One- and Two-Family Dwellings IBC – All Use Groups
		96" x 36"	1	IRC – One- and Two-Family Dwellings
		96" x 42"	1	IRC – One- and Two-Family Dwellings
	1/4" thick, 36" tall, 59-1/2" wide, Tempered Glass Panel	68" x 42"	1	IRC – One- and Two-Family Dwellings
Trex Select® Classic Trex Select Mesh™	0.750" Round Aluminum Baluster or 4" x 4" Steel Mesh	72" x 36"	1	IRC – One- and Two-Family Dwellings
		72" x 42"	1	IRC – One- and Two-Family Dwellings
		96" x 36" (see Note 2)	1	IRC – One- and Two-Family Dwellings
		96" x 42" (see Note 2)	1	IRC – One- and Two-Family Dwellings
Trex Select T-Rail®	1.000" Square Composite Baluster or 0.750" Round Aluminum Baluster	72" x 36"	1	IRC – One- and Two-Family Dwellings
		72" x 42"	1	IRC – One- and Two-Family Dwellings
		96" x 36" (see Note 3)	1	IRC – One- and Two-Family Dwellings
		96" x 42" (see Note 3)	1	IRC – One- and Two-Family Dwellings
		120" x 36" (see Note 3)	2	IRC – One- and Two-Family Dwellings
		120" x 42" (see Note 3)	2	IRC – One- and Two-Family Dwellings



TABLE 1 – LEVEL GUARDRAIL SYSTEM BUILDING CODE RECOGNITION (CONTINUED)

Trex Enhance®	0.750" Round Aluminum Baluster	72" x 36"	1	IRC – One- and Two-Family Dwellings
		72" x 42"	1	IRC – One- and Two-Family Dwellings
		96" x 36" (see Note 2)	1	IRC – One- and Two-Family Dwellings
		96" x 42" (see Note 2)	1	IRC – One- and Two-Family Dwellings

⁽¹⁾Level railing length is the maximum clear length between supports. Railing height is the minimum installed height from the walking surface to the top of the top rail.

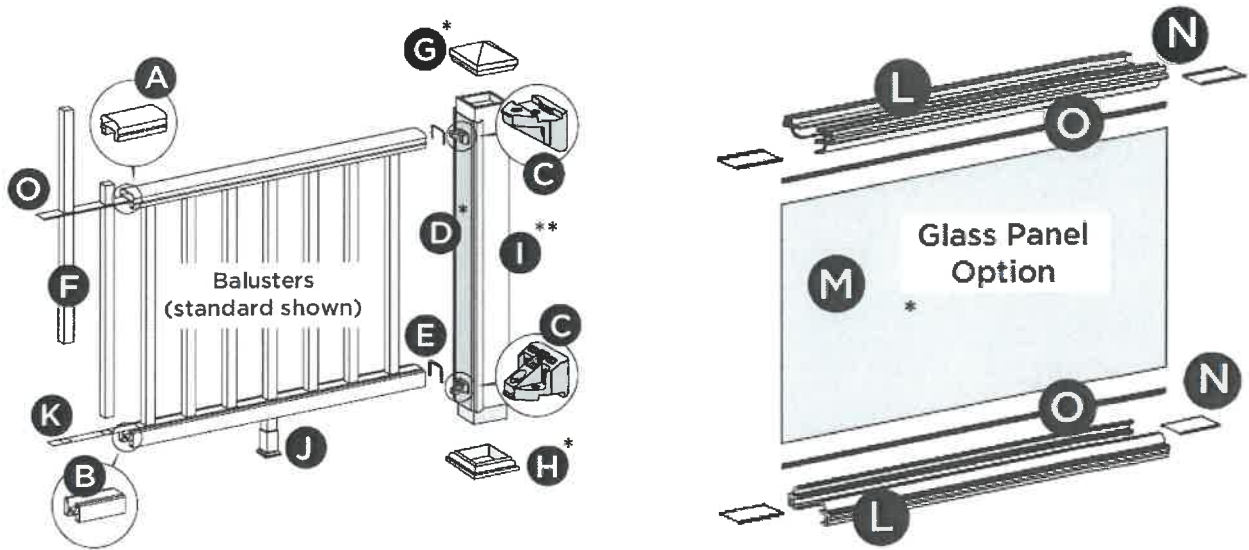
⁽²⁾Guardrail system length greater than 72" requires top rail aluminum stiffener (see Figure 4).

⁽³⁾Guardrail system length greater than 72" requires top rail aluminum stiffener (see Figure 6).



TABLE 2 – GUARDRAIL ASSEMBLY/FASTENING SCHEDULE

Connection	Fasteners
Trex Transcend®	
Rail Bracket to Post	Two #8-10 x 2" bugle head, #2 square drive, coated, steel wood screws
Rail Bracket to Rail	Three #8-18 x 1-1/4" pan head, #2 square drive, coated, steel self-drilling screws
Balusters to Rails	Inserted into holes in baluster spacers snapped into rails
Glass Infill Panel to Rails	Inserted into rails by snapping into the panel support molding
Foot Block to Bottom Rail	Inserted into pre-drilled hole in rail
Trex Select® Classic/Trex Enhance®	
Rail Bracket to Post	Two #9-16 x 2" bugle head, #2 square drive, coated, steel wood screws
Rail Bracket to Rail	Three #8-18 x 1" pan head, #2 square drive, coated, steel self-drilling screws
Balusters to Rails	Inserted into holes in rails
Foot Block to Bottom Rail	Inserted into pre-drilled hole in rail
Trex Select Mesh™	
Rail Bracket to Post	Two #9-16 x 2" bugle head, #2 square drive, coated, steel wood screws
Rail Bracket to Rail	Three #8-18 x 1" pan head, #2 square drive, coated, steel self-drilling screws
Mesh Channels to Posts and Rails	#8-18 x 1-1/4" square-drive, panhead, self-drilling coated carbon steel screws. Three (3) at each post, equally spaced. Five (5) at top and bottom rail, equally spaced.
Anti-Rattle Gaskets	Inserted into mesh channels
Steel Mesh Infill Panel	Inserted into anti-rattle gasket at top rail, bottom rail and posts
Foot Block to Bottom Rail	Inserted into pre-drilled hole in rail
Trex Select T-Rail®	
Top Rail Bracket to Post	Two #9-16 x 2" flat head, #2 square drive, coated, steel screws
Top Rail Bracket to Rail	Four #8-18 x 1" pan head, #2 square drive, coated, steel self-drilling screws
Bottom Rail Bracket to Post	Two #9-16 x 2" flat head, Phillips drive, coated, steel screws
Bottom Rail Bracket to Rail	Three #8-18 x 1" pan head, #2 square drive, coated, steel self-drilling screws
Balusters to Rails	Inserted into holes in rails
Foot Block to Bottom Rail	Inserted into pre-drilled hole in rail



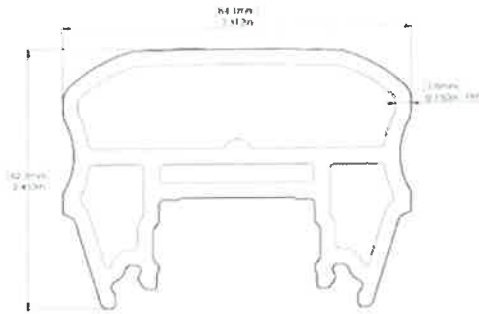
Trex Transcend Rail Parts List

- A. Crown or Universal Rail
- B. Universal Rail
- C. Rail Bracket (RSB, Railing Support Bracket)
- D. TrexExpress™ Railing Assembly Template.
- E. Rail Gaskets
- F. Balusters (Round Aluminum or Square Composite)
- G. Post Sleeve Cap
- H. Post Sleeve Skirt
- I. Post Sleeve (compatible with Transcend 4x4, or Transcend 6x6, Post Sleeves)
- J. Foot Block (Adjustable)
- K. Baluster Spacer
- L. Aluminum Baluster Adaptor (not shown)

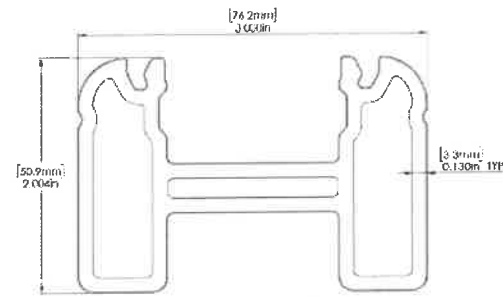
Trex Transcend Glass Panel Parts List

- L. Panel Support Molding
- M. Tempered Glass Panel
- N. Panel Support Molding Spacer
- O. Weather-Stripping

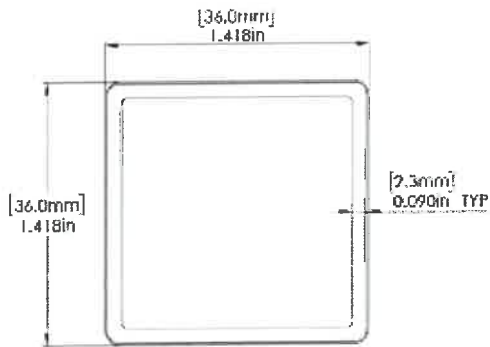
FIGURE 1 – TREX TRANSCEND® RAILING ASSEMBLY



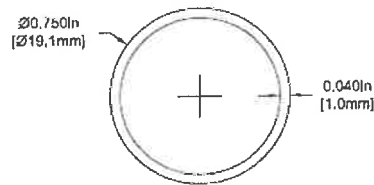
Top (Crown) Rail



Bottom (Universal) Rail



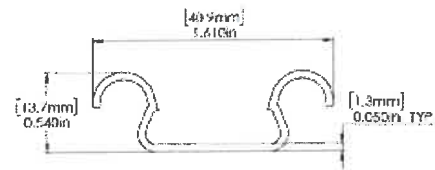
Square Composite Baluster



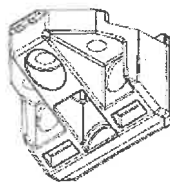
Round Aluminum Baluster



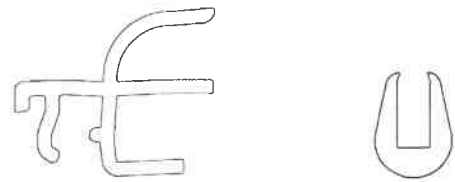
Baluster Spacer



Aluminum Baluster Adapter Strip



Rail Bracket



Glass Panel Support Molding and Gasket

FIGURE 2 – TREX TRANSCEND® GUARDRAIL COMPONENTS

6. 244 New Castle Avenue

-Recommended Approval

Background: The applicant is seeking approval for the installation of HVAC equipment (condensers and line sets).

Staff Comment: Recommended Approval

Stipulations:

1. _____
2. _____
3. _____



Existing conditions.



7. 394 Pleasant Street -Recommended Approval

Background: The applicant is seeking approval for chimney repairs.

Staff Comment: Recommended Approval

Stipulations:

1. _____
2. _____
3. _____



Gilmartin **CHIMNEY** and VENT (603) 948-1045

(207)324-3473

603-948-1045

1-877-793-3763

Certified by the Chimney Safety Institute of America - member of the National Chimney Sweep Guild, The Northeast Association of Chimney and Hearth Professionals- A+ rated by the BBB- Highest rated chimney sweep and repair company in southern Maine and New Hampshire

Proposal

02/18/2026

Anderson, Catherine & David
394 Pleasant St. Portsmouth, NH 03801
603-431-0634 canderson03801@outlook.com

Mr. & Mrs. Anderson,

Below is our proposal for repairs to the top of your chimney. Repairs include removing the stone chimney cover and its decaying pillars, demo of the broken mortar wash/cap and then building forms to pour a reinforced concrete crown with an overhang. We would then install a custom sized stainless steel chimney cover. Everything needed to perform this work is included in this proposal.

EXTERIOR CHIMNEY REPAIRS

- Removal and disposal of stone cap and decayed brick supports: \$ 700.00
- Demo of broken mortar cap/wash, then building custom forms and pouring a reinforced concrete crown with an overhang. This would require a return trip to remove forms after concrete has set up. We would then "finish" the crown before installing a cap: \$ 2900.00
- Custom size, stainless steel chimney cover-shipped and installed: \$ 900.00
- Spraying the chimney with a vapor-permeable water repellent: \$ 400.00

TOTAL

\$ 4900.00

If you have any questions concerning this proposal, please feel free to reach out to us. If you would like to schedule an appointment to have this work done, we would need a signed copy of this proposal returned to us before any materials can be ordered. No deposit due at this time. Balance would be due upon completion of work.

Thank you for allowing us the opportunity to help you with your chimney needs.

Authorized signature Brian K. K. K.

02/18/2026

Proposal acceptance C. Anderson

DATE

Seacoast Maine and New Hampshire and Greater Manchester







8. 175 Fleet Street

-Recommended Approval

Background: The applicant is seeking approval to:

Provide HVAC system for Food Kiosks & Bathrooms addition:

- 1. Install 1 kitchen exhaust vent at each Food Kiosk roof.**
- 2. Install ground mounted air handling system with cedar fencing behind bathrooms addition.**

Staff Comment: Recommended Approval

Stipulations:

- 1. _____**
- 2. _____**
- 3. _____**

PROJECT NARRATIVE

- BUILD A NEW ADDITION TO THE REAR OF GILLEY'S KITCHEN STRUCTURE, FOR PUBLIC BATHROOMS & CUSTODIAL.
- BUILD 2 NEW FOOD KIOSKS
- INSTALL NEW CEDAR FENCE TO CONCEAL TRASH RECEPTACLES.
- INSTALL NEW LANDSCAPING AND HARDSCAPE TO COORDINATE WITH PREVIOUSLY APPROVED IMPROVEMENTS TO NEWBERRY WAY (aka Haven Court).

REVISIONS TO PREVIOUSLY APPROVED APPLICATION.

09/04/2026:

Provide HVAC system for Food Kiosks & Bathrooms addition:

1. Install 1 kitchen exhaust vent at each Food Kiosk roof, updated round base.
2. Install ground mounted air handling system with cedar fencing behind bathrooms addition.

SHEET LIST -HDC	
SHEET NO.	NAME
G0.1	COVER
G0.2	EXISTING CONDITIONS
G1.1	SITE PLAN
G1.3	ROOF PLAN
G2.1	ELEVATION, WEST
G2.2	ELEVATION, SOUTH
G2.3	ELEVATION, EAST
G2.4	ELEVATION, NORTH
G2.5	FOOD KIOSKS ELEVATIONS
G3.1	3D BIRDSEYE AXONOMETRIC
G3.2	PERSEPECTIVE from FLEET AT THE WILDER
G3.3	PERSEPECTIVE from FLEET AT JJN
G3.4	PERSEPECTIVE from TOP OF NEWBERRY WAY
G3.6	PERSEPECTIVE NIGHT
G6	HVAC DETAILS - AIR HANDLER UNIT
G7	HVAC DETAILS - EXHAUST FAN



GILLEY'S FOOD COURT

HISTORIC DISTRICT COMMISSION
SEPTEMBER 2026

G0.1

COVER

GILLEY'S ADDITIONS

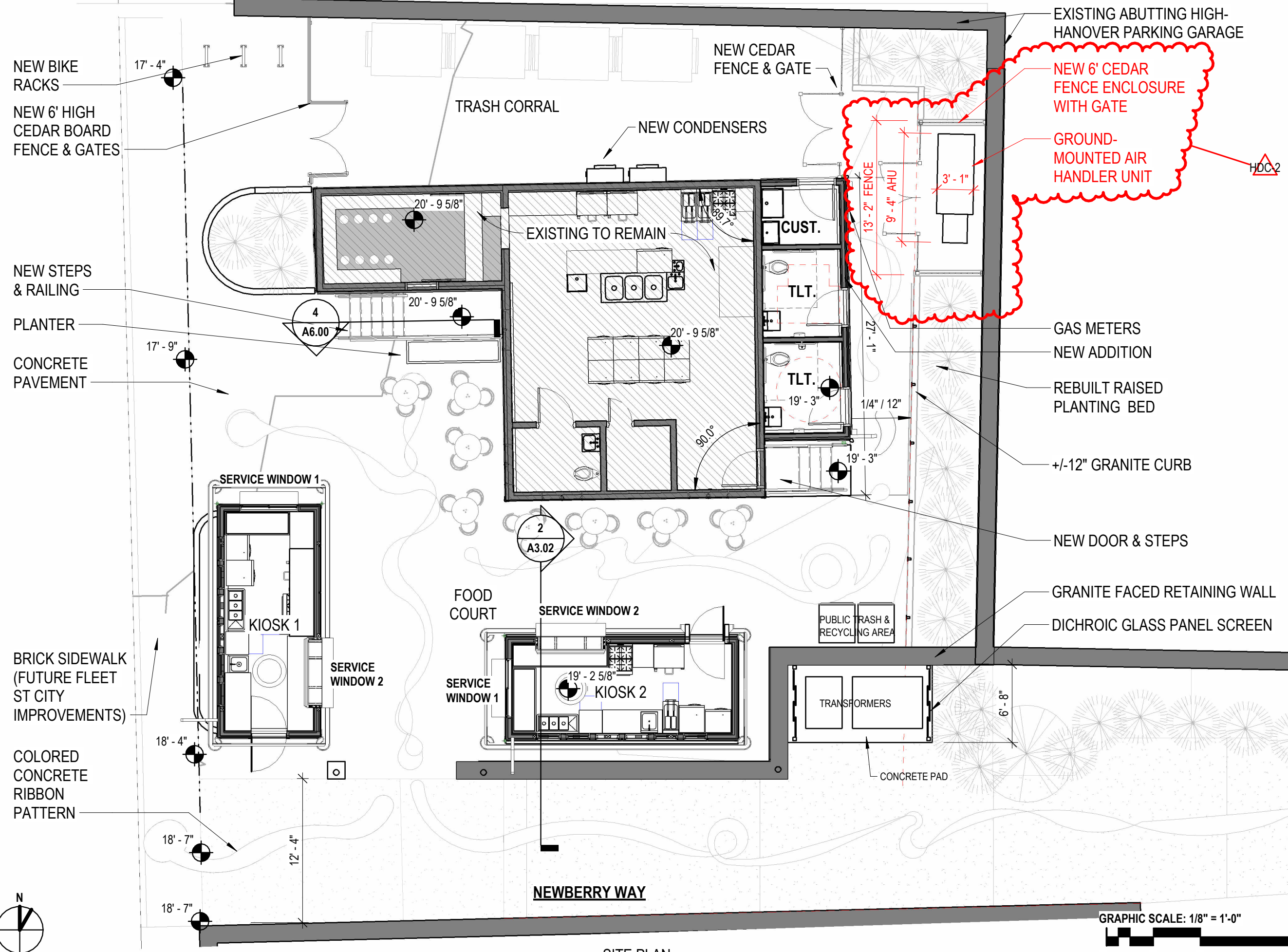
SCALE:
09/04/2026



EXISTING EXHAUST EQUIPMENT



G0.2 EXISTING CONDITIONS
GILLEY'S ADDITIONS
SCALE:
09/04/2026

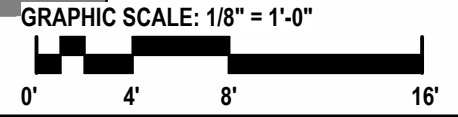


FLEET STREET

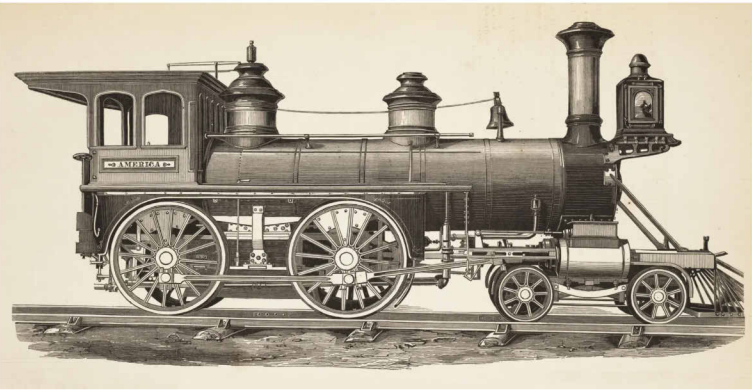
NEWBERRY WAY

SITE PLAN

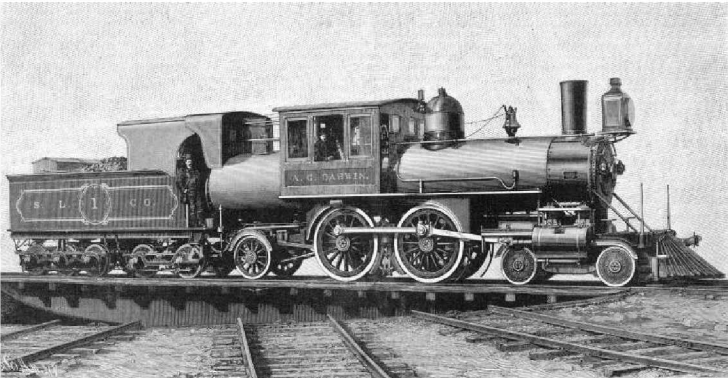
GILLEY'S ADDITIONS



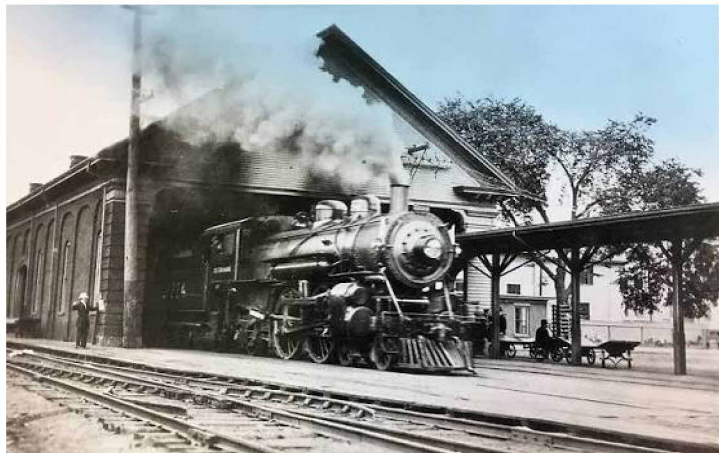
FOOD KIOSK - EXHAUST FAN PRECEDENT



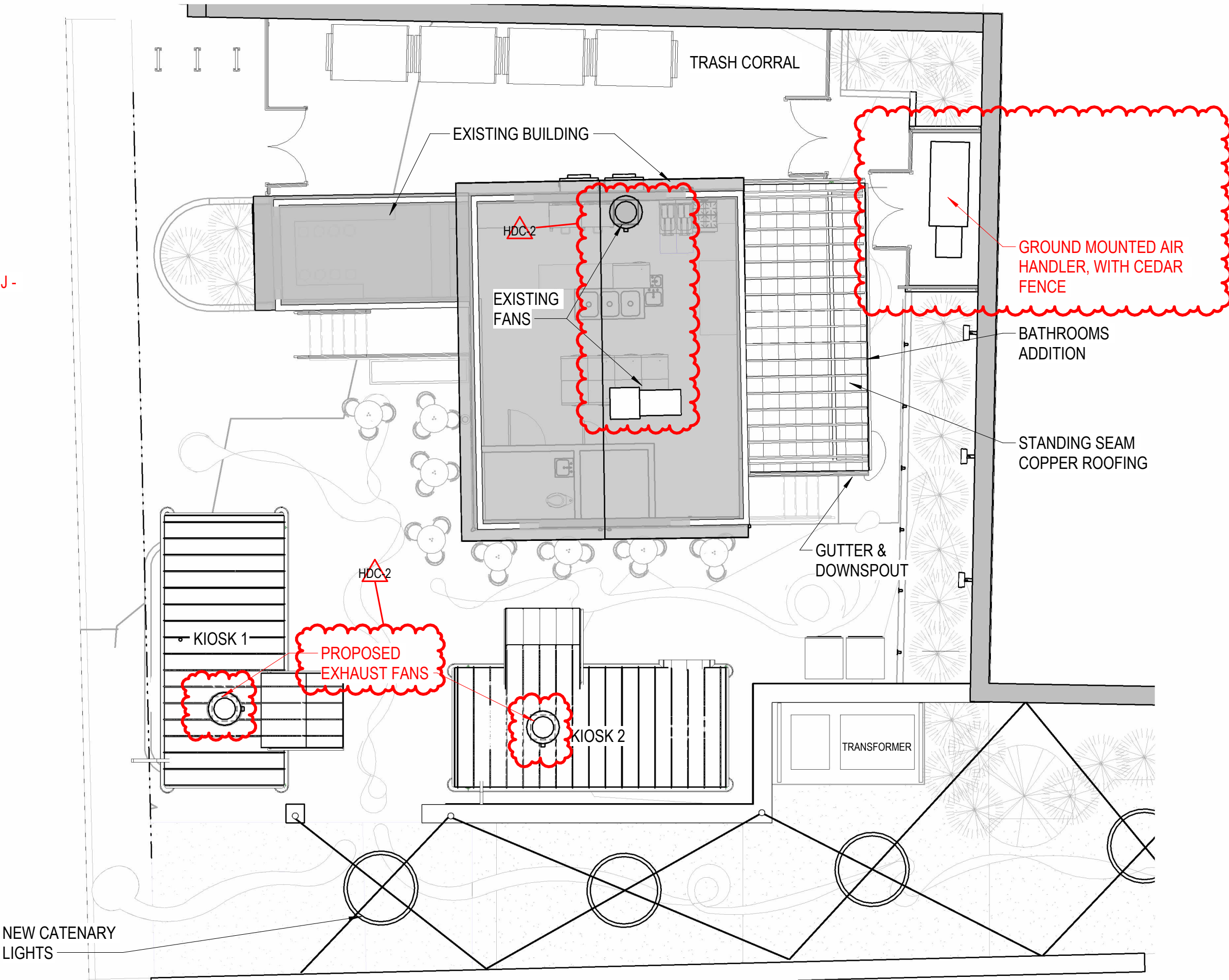
"Locomotive America" by Grant Locomotive Works of Paterson, NJ - a standard American 4-4-0 locomotive of the mid-19th century.



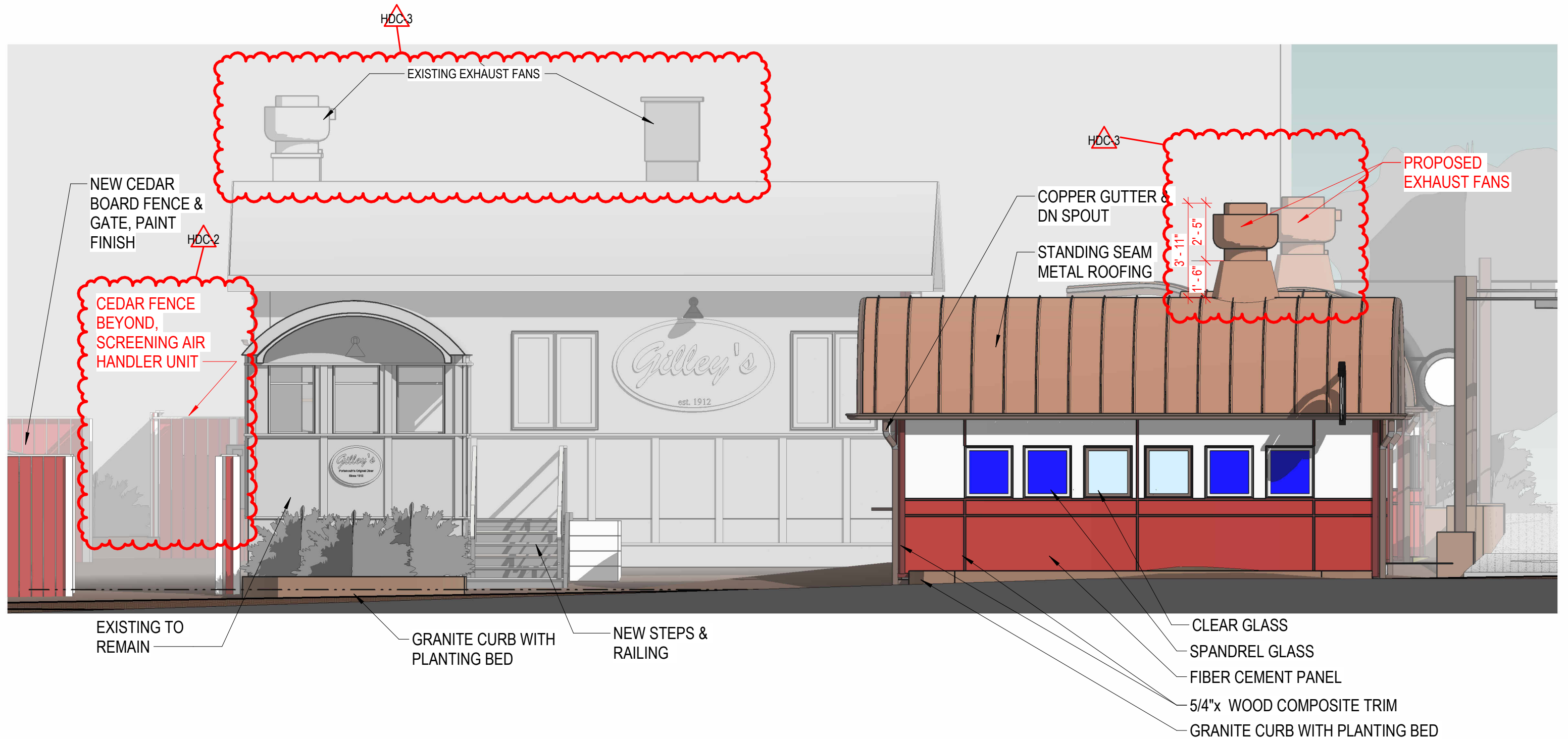
"Strong Locomotive" by Hinkley Locomotive Works, Boston



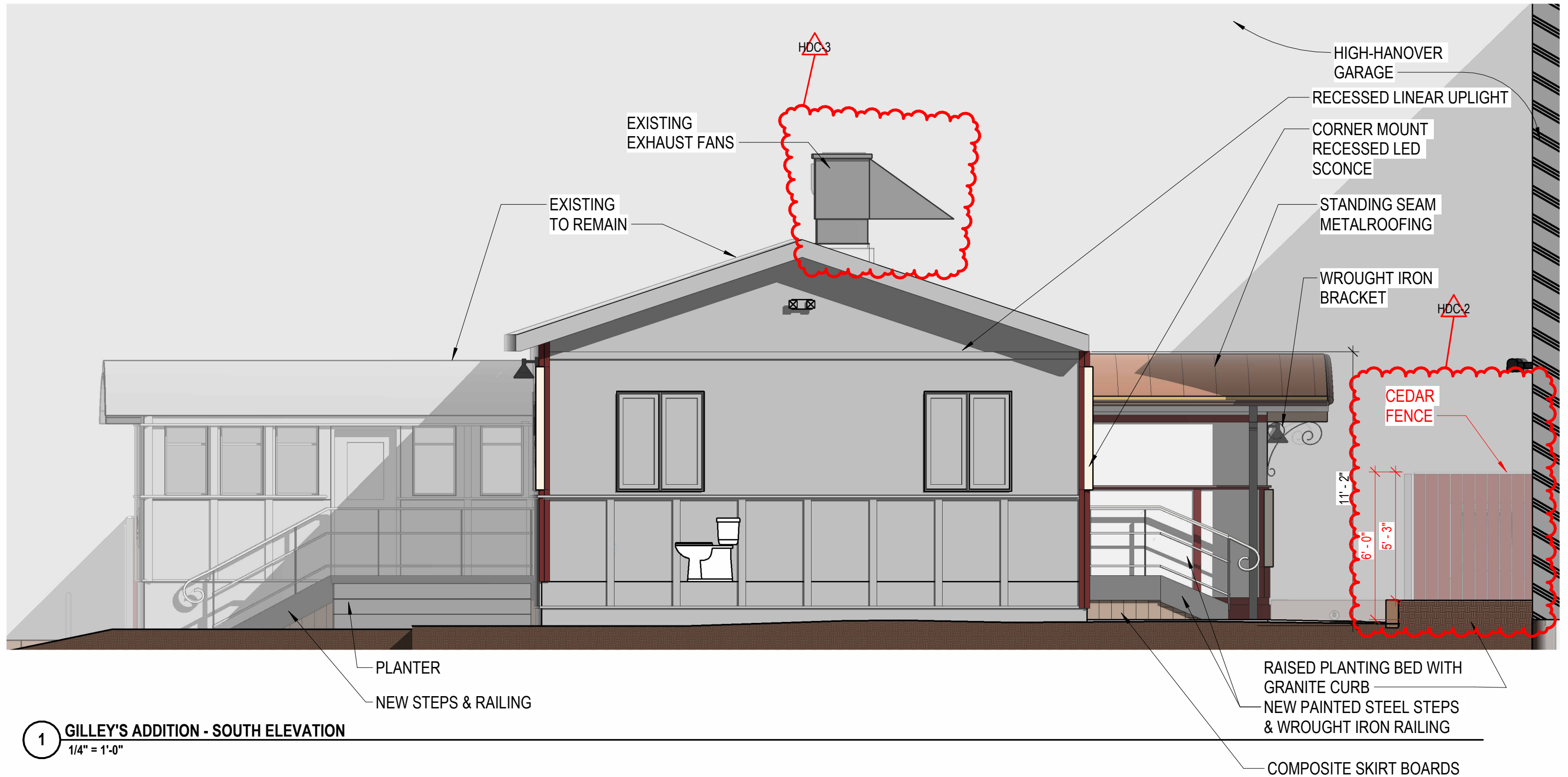
Portsmouth Train Station, Portsmouth, NH

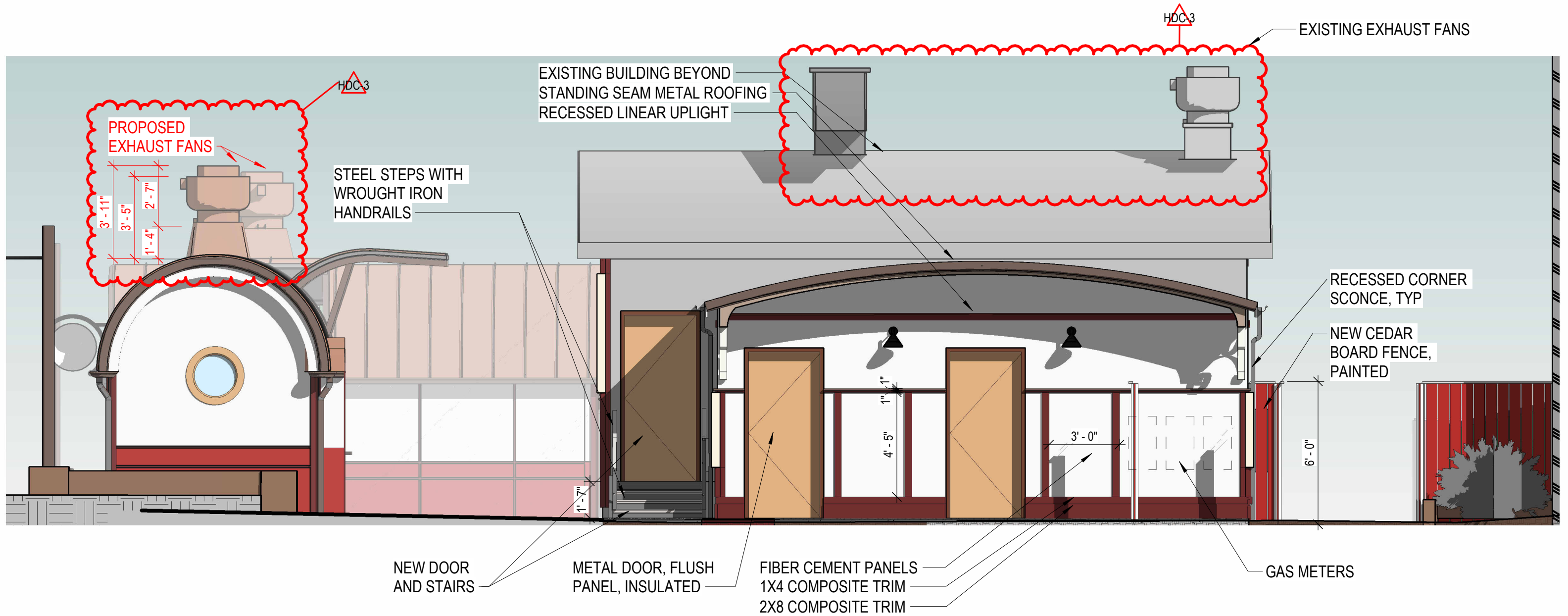


ROOF PLAN
GILLEY'S ADDITIONS

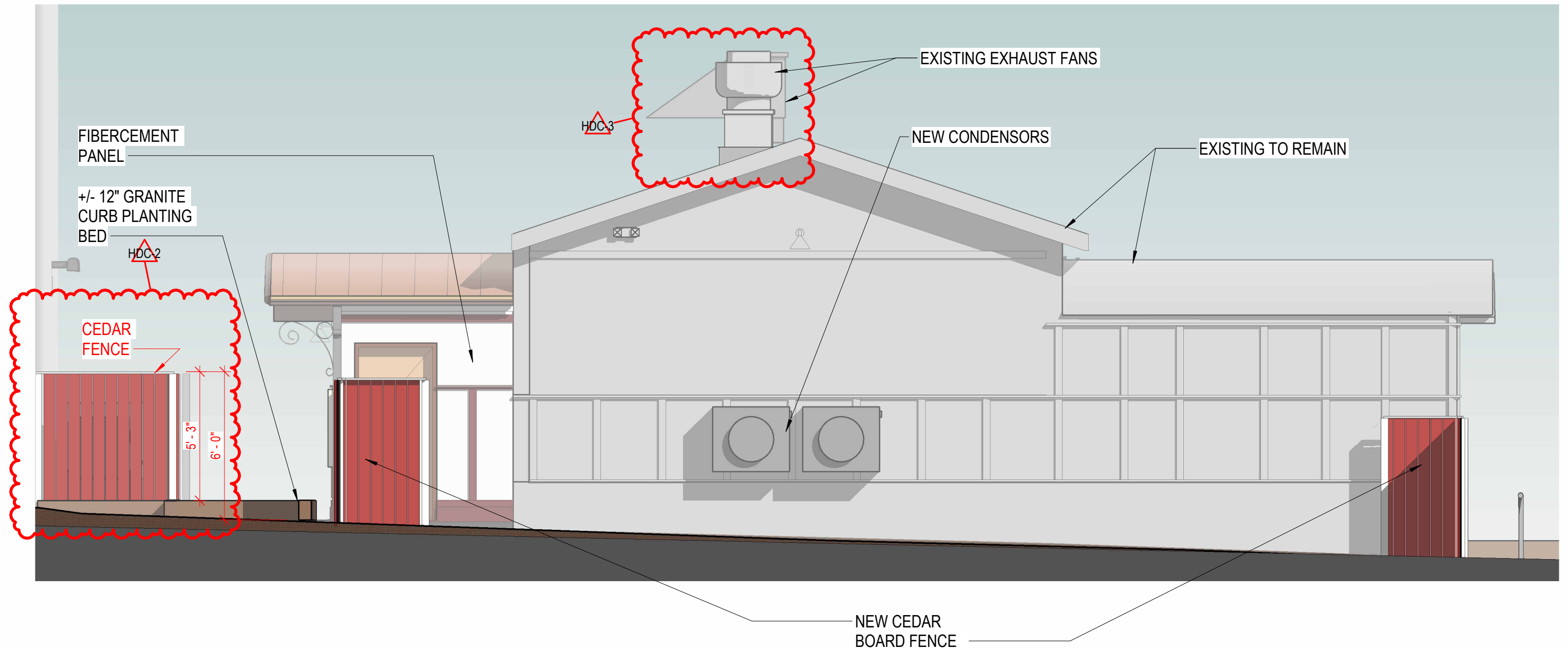


1 GILLEY'S WEST ELEVATION FLEET STREET VIEW
1/4" = 1'-0"

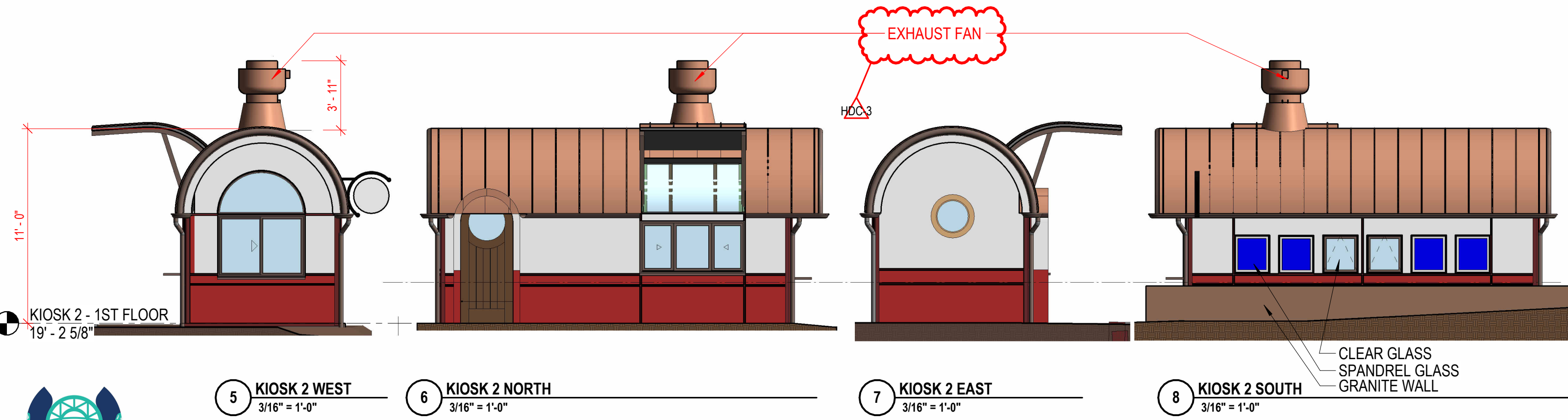
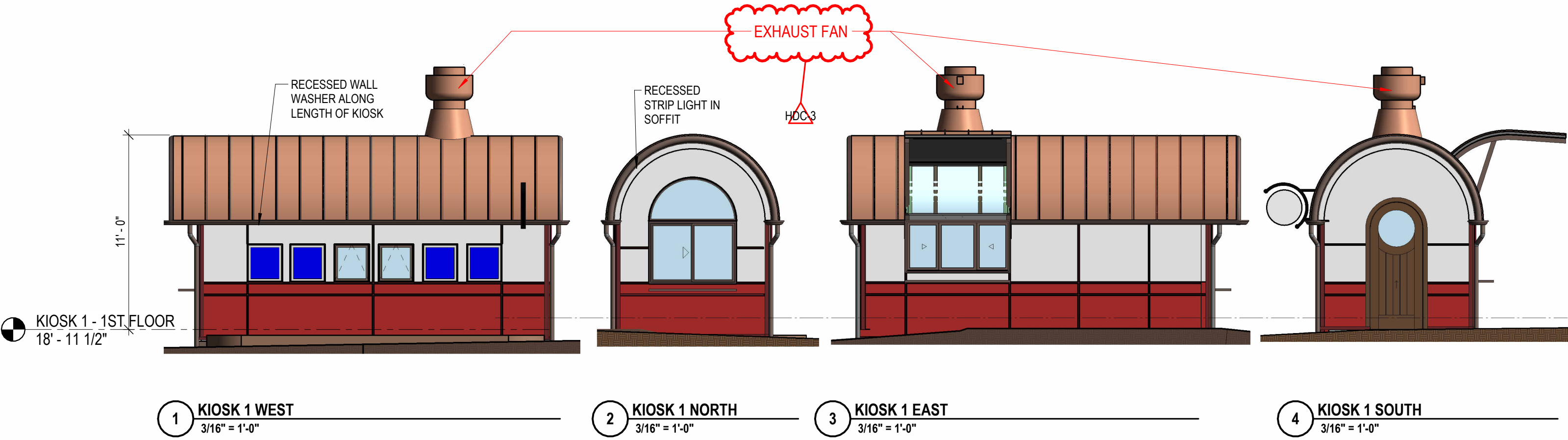


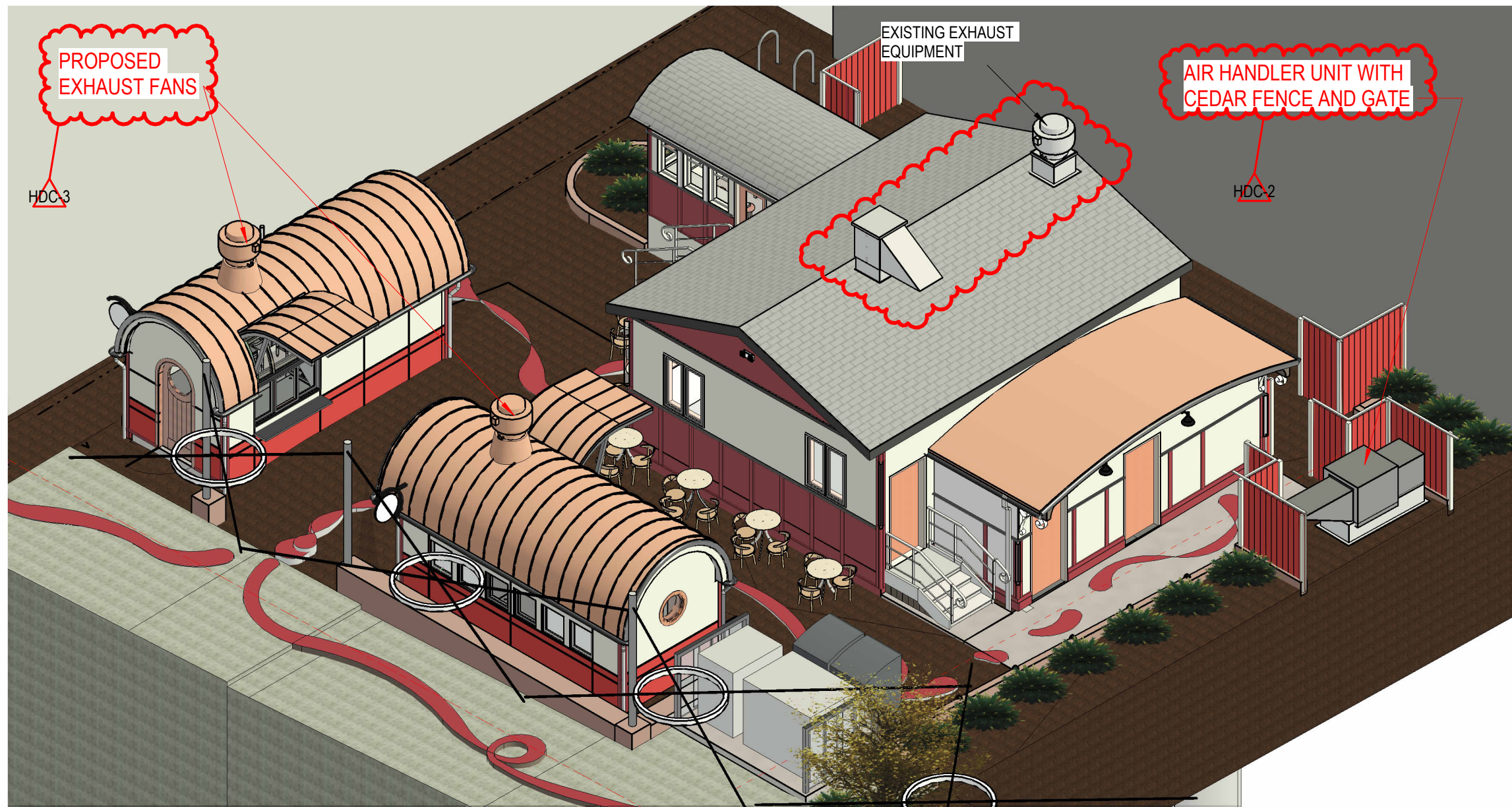


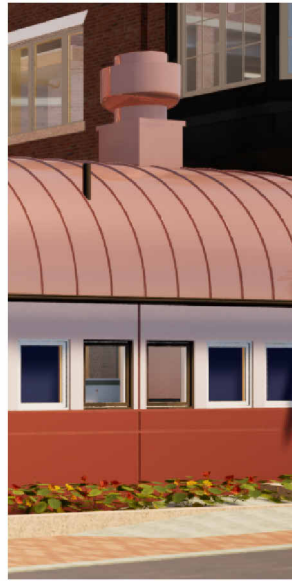
1 GILLEY'S ADDITION - EAST ELEVATION
1/4" = 1'-0"



1 GILLEY'S NORTH ELEVATION TRASH ENCLOSURE
1/4" = 1'-0"







PREVIOUS APPLICATION - ON
SEPTEMBER 02 2026







PREVIOUS APPLICATION - ON SEPTEMBER 02 2026







PREVIOUS APPLICATION - ON SEPTEMBER 02 2026



PERSEPECTIVE NIGHT
GILLEY'S ADDITIONS