



HISTORIC PRESERVATION COMMISSION

Property Address:	9 Brastow Ave, Somerville, MA 02143
Application Type:	Historic Permit - Historic Alteration
Project:	Existing Exterior Deck Renovation / Rebuild
Applicant:	Artisans Homes and Renovations

Narrative Description

The proposed work consists of renovating and rebuilding the existing exterior deck at 9 Brastow Ave, Somerville, MA.

The project will remain within the existing deck location, footprint, layout, and size. No expansion, relocation, or change to the existing deck configuration is proposed.

The scope of work includes removal and replacement of existing decking boards, railings, stair framing, and structural framing components as needed due to condition and construction requirements.

The proposed work is intended to maintain the existing exterior appearance as closely as possible while replacing deteriorated or necessary deck components. This application is for alteration/renovation of an existing deck and is not a request for a new addition.

Material Specifications

9 Brastow Ave, Somerville, MA 02143 | Historic Preservation Review

Railing Type

Components: Post Jacket, Post Install Kit, Post Tops, Brackets & Base Trim



Material Specifications

9 Brastow Ave, Somerville, MA 02143 | Historic Preservation Review

Railing Type - White Vinyl Railing Kit – Proposed or Equivale

Specifications Dimensions: H 36 in, W 72 in, D 1.75 in	
	Railing Type Railing Kit See Similar Items
	Material Vinyl See Similar Items
Dimensions	
Product Depth (in.)	1.75 in
Product Height (in.)	36 in
Product Width (in.)	72 in
Details	
Color Family	White
Features	No Additional Features
Includes	Balusters
Material	Vinyl
Product Weight (lb.)	14.61 lb
Railing Type	Railing Kit
Returnable	90-Day

Material Specifications

9 Brastow Ave, Somerville, MA 02143 | Historic Preservation Review

Trex Enhance Naturals – Toasted Sand Grooved Edge Composite Deck Board, or equivalent



Specifications

Dimensions

Actual Product Length (ft.)	12 ft
Actual Product Thickness (in.)	.75 in
Actual Product Width (in.)	5.5 in
Nominal Product Length (ft.)	12 ft
Nominal Product Thickness (in.)	1
Nominal Product Width (in.)	6 in

Details

Color Family	Brown
Color/Finish	Toasted sand
Edge Type	Grooved
Features	Hidden Fasteners Compatibility
Material	Composite



LOW-COST, HIGH-PERFORMANCE DECKING & FASCIA

Trex Enhance® decking and Trex® Fascia are wood thermoplastic composite lumber (WTCL) boards with an integrated shell that covers the boards on the top surface and sides. The integrated shell consists of a proprietary surface formulation that produces a natural, wood-like grain pattern finish. An alternative to naturally durable hardwood lumber, Enhance Decking and Fascia are ICC-ES ESR-1308-certified to be a minimum of 95.4% recycled content of wood fiber and polyethylene by weight.



- **Shell:** impact-, scratch- and fade-resistant
- **Core:** 95% recycled materials

DECKING



1" Grooved edge

1" Square edge

FASCIA



8" or 12" Widths

FEATURES	DECKING BOARDS	FASCIA BOARDS	
	1" x 6"	8"	12"
Actual Dimensions - Standard	.94" x 5.5"	.56" x 7.25"	.56" x 11.375"
Actual Dimensions - Metric	24 mm x 140 mm	14 mm x 184 mm	14 mm x 288 mm
Available Lengths - Standard	12', 16', 20'	12'	12'
Available Lengths - Metric	365 cm, 487 cm, 609 cm	365 cm	365 cm
Grooved Edge	X		
Square Edge	X	X	X
Weight per Lineal Foot	1.9 lbs	2.0 lbs	3.3 lbs

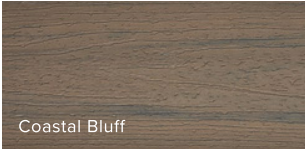
PHYSICAL & MECHANICAL PROPERTIES

TEST	TEST METHOD	VALUE
Flame Spread	ASTM E 84	125
Thermal Expansion	ASTM D 1037	1.9×10^{-5} in/in/°F
Moisture Absorption	ASTM D 1037	< 1%
Screw Head Pull-Through	ASTM D1761	161 lbf/screw*
Fungus Resistance	ASTM D1413	Rating – no decay
Termite Resistance	AWPAE1-72	Rating = 9.6

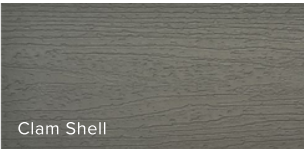
*Fastener used in testing: #8 x 2.5" HEADCOTE Stainless Steel Screw

COLORS

Naturals (multi-tonal)



Basics (monochromatic)



FASTENERS



Trex Hideaway®
Hidden Fastening System

Self-gapping, glass-filled nylon fastener with 304 grade stainless steel, sharp point screw for wood framing



Other Approved Fasteners

Color-matched composite deck screw



Color-coordinated fascia screw

Uncoated stainless steel fascia screw

For a full list of approved fasteners, download our Installation Guide at [trex.com/literature](https://www.trex.com/literature)

Final owner-selected materials may vary slightly based on availability, but will remain similar in appearance, color family, and exterior deck use.

Deck Material and Mounting Specifications

9 Brastow Ave, Somerville, MA 02143 | Rear Deck Replacement | Historic Preservation Review

This document is provided for the Historic Preservation Commission application as a concise description of the proposed deck materials and mounting/installation approach. The work is limited to replacement/rebuild of the existing rear exterior deck in the same existing location, footprint, layout, and size. No expansion or change to the existing deck configuration is proposed.

1. Proposed Finish Materials

- Composite decking boards to replace the existing deck walking surface.
- Vinyl posts and vinyl railings to replace the existing guardrail/railing system.
- PVC trim as needed for exposed finish areas.
- Final finish material selections, including specific manufacturer, color, and product line, are to be provided/confirmed by the property owner.
- Proposed finish materials are intended to maintain a similar exterior appearance to the existing deck condition.

2. Structural and Rough Materials

- Pressure-treated lumber framing as required for deck framing, stair framing, joists, beams, posts, and related structural components.
- Exterior-rated fasteners, connectors, bolts, and hardware as required.
- Flashing and tape at building connections and water-management locations as required.
- Footings, posts, joists, stringers, framing members, and deck-to-house connection to be installed per the submitted T Design, LLC rear deck replacement drawings, including the structural details shown on Sheet S-1.
- Existing structural components will be replaced only as needed for the deck replacement/rebuild scope.

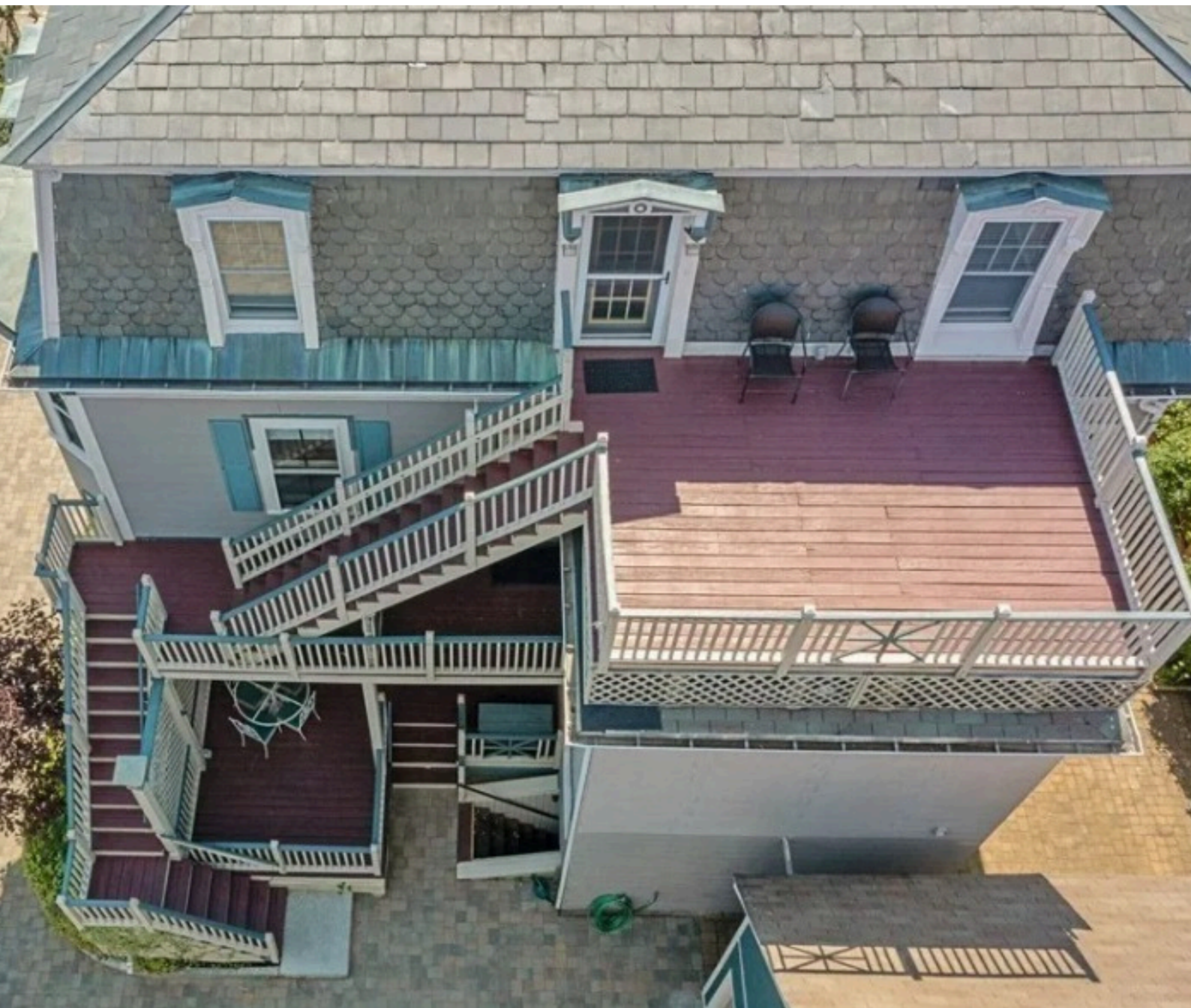
3. Mounting / Installation Approach

- The deck replacement will follow the submitted deck plan and structural details prepared for the rear deck replacement.
- Decking will be installed over deck framing in accordance with the submitted drawings and applicable manufacturer installation requirements.
- Railings and posts will be installed at the deck perimeter and stair areas in accordance with manufacturer requirements and applicable code requirements.
- Deck framing, stair framing, roof deck framing, footings, posts, joists, stringers, and ledger/deck-to-house connections will be installed as shown in the submitted plans and details.
- No change to the existing footprint, layout, size, or exterior deck configuration is proposed.

Note: This specification summary is intended to support the Historic Preservation application. Detailed structural review and code compliance will be addressed through the applicable building permit review process.



FRONT OF PROPERTY



EXISTING DECK AREA
OVERALL VIEW



REAR/SIDE EXTERIOR ELEVATION
EXISTING DECK AND STAIRS



REAR EXTERIOR ELEVATION
EXISTING DECK AND STAIRS



EXISTING UPPER DECK SURFACE
AND RAILINGS



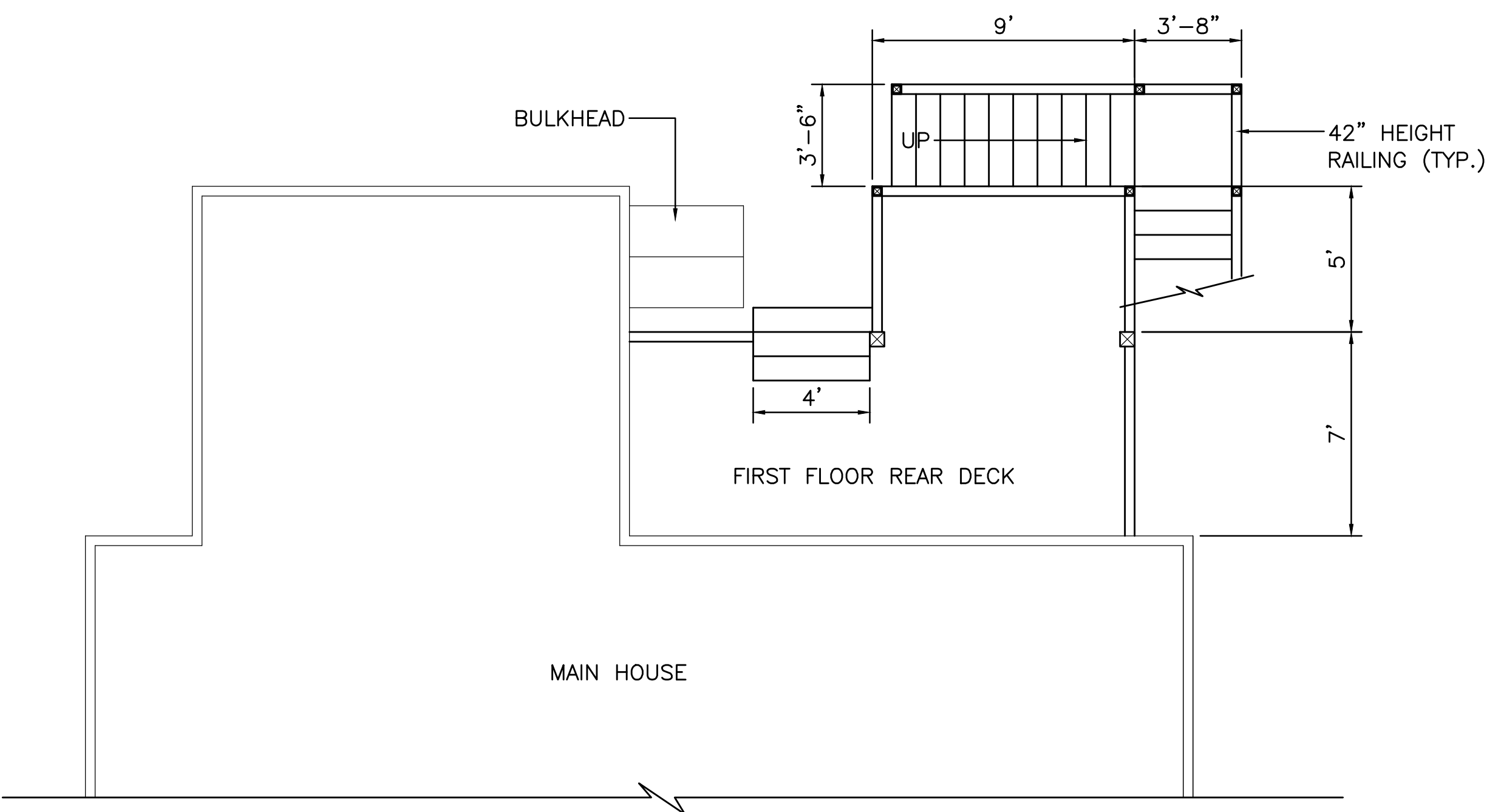
EXISTING LOWER DECK, STAIRS, RAILINGS
AND LATTICE



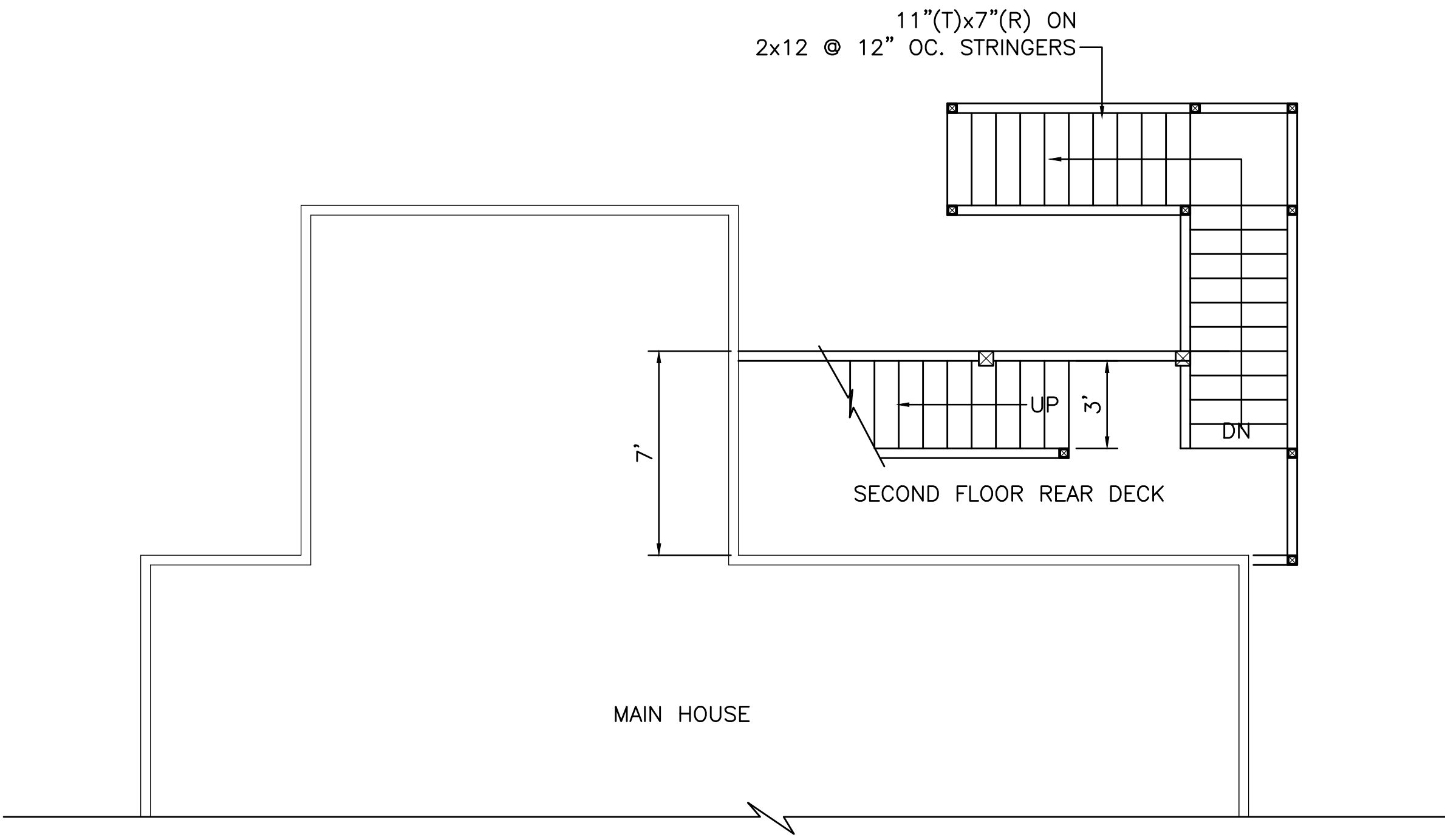
EXISTING COVERED DECK AREA
AND SUPPORTING STRUCTURE



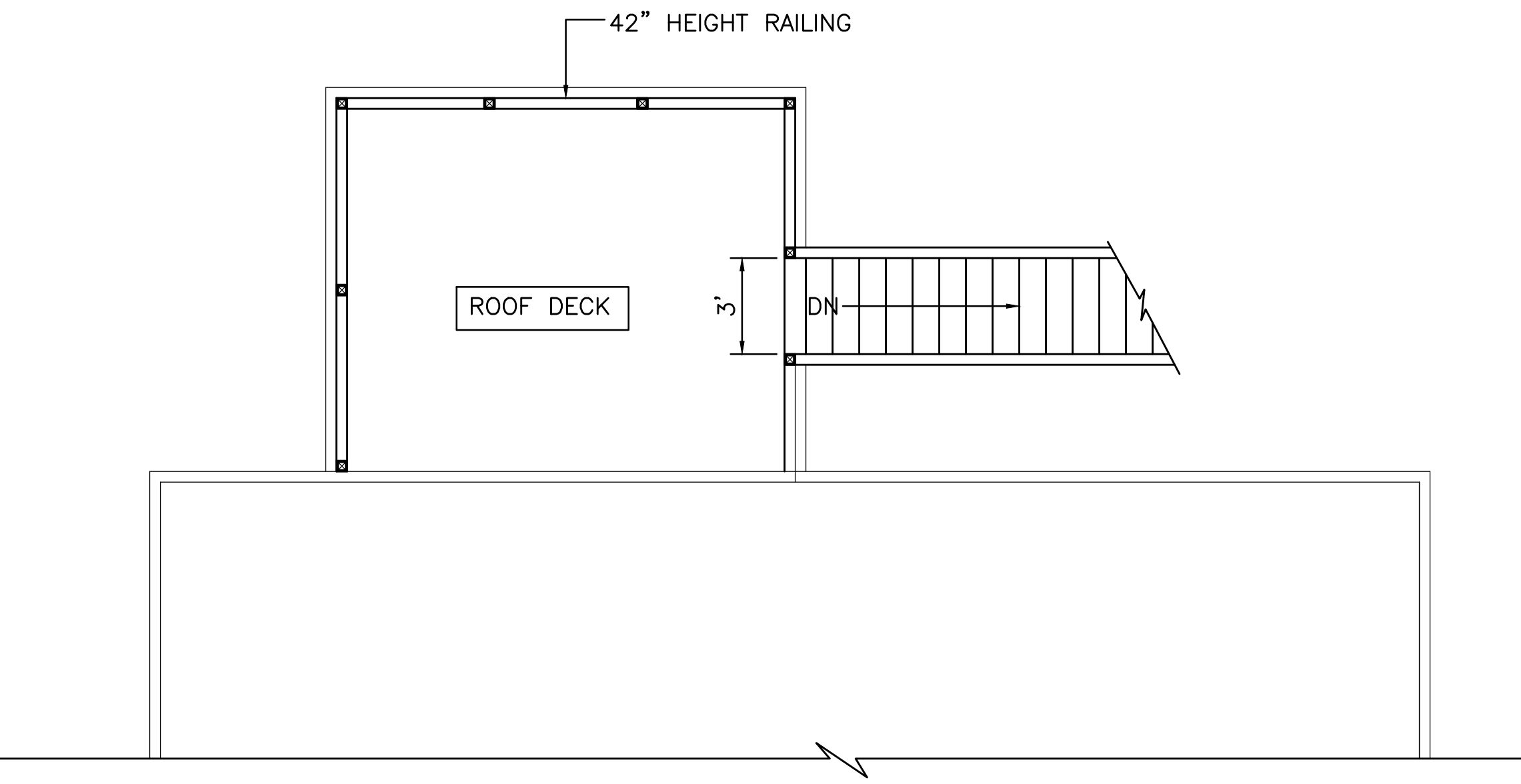
AREA VIEW
EXISTING DECK FOOTPRINT AND LAYOUT



REAR DECK FIRST FLOOR PLAN



REAR DECK SECOND FLOOR PLAN



REAR DECK ROOF DECK PLAN

REAR DECK REPLACEMENT
9 BRASTOW AVENUE
SOMERVILLE, MA.

T DESIGN, LLC

1248 RANDOLPH AVE
MILTON, MA 02186
TEL: (617)-797-6637
EMAIL: QUOCTUANPE@GMAIL.COM



5/07/2026

REV.	DATE

BY:	TN
DATE:	5/07/2026
SCALE:	1/4"=1'-0"
SHEET NO.:	A-1



REAR DECK PICTURE



REAR DECK PICTURE



REAR DECK PICTURE

REAR DECK REPLACEMENT
9 BRASTOW AVENUE
SOMERVILLE, MA.

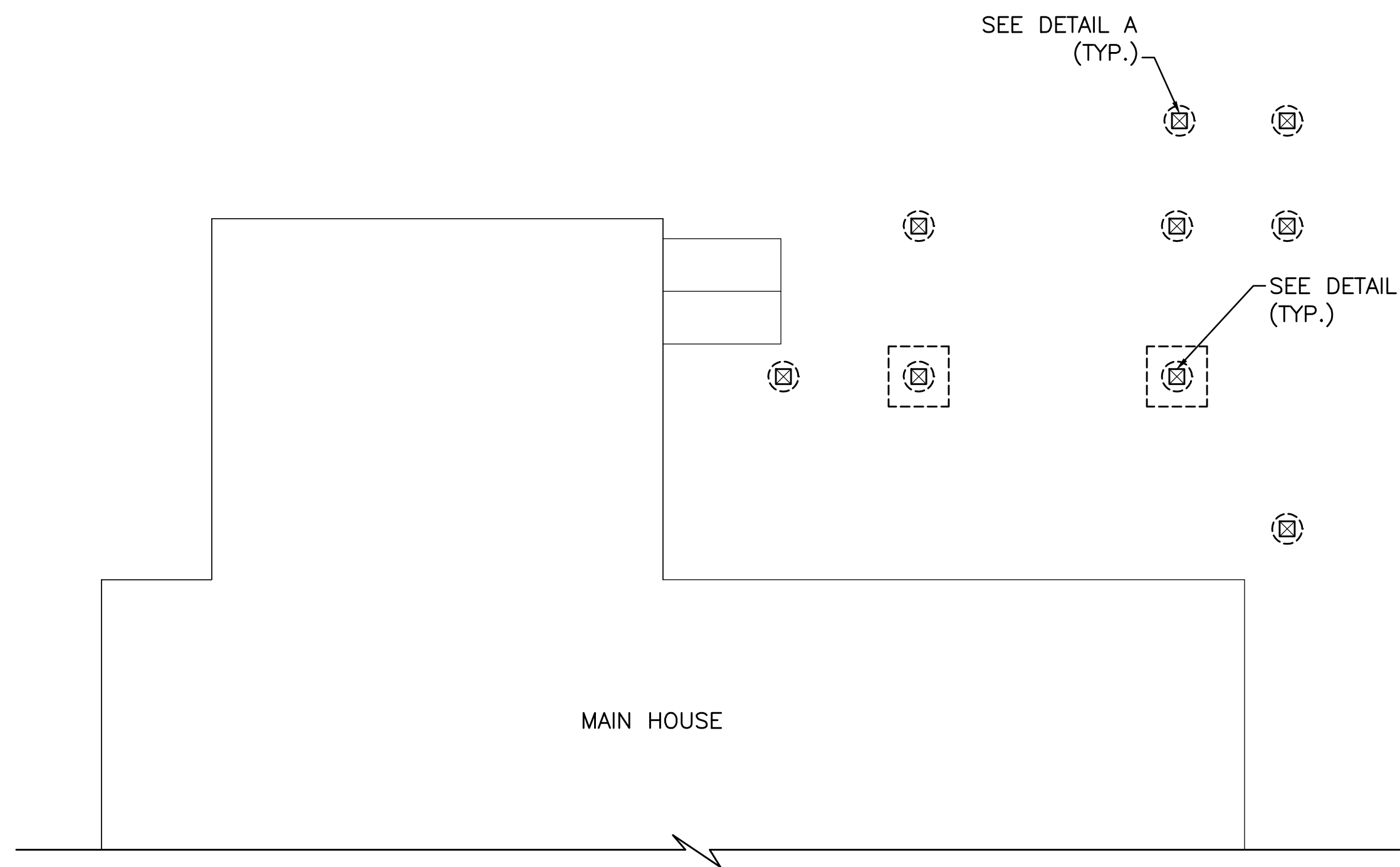
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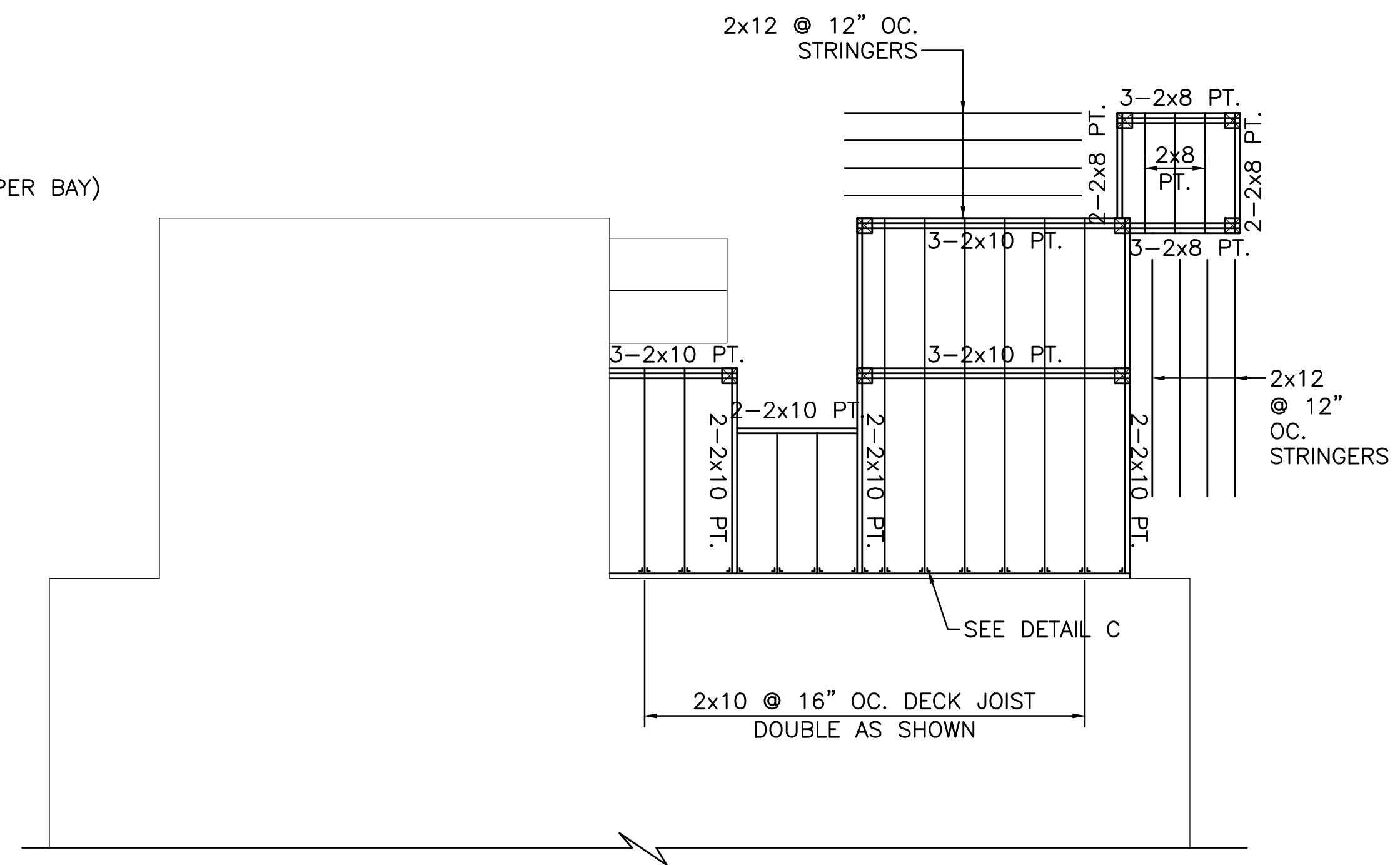
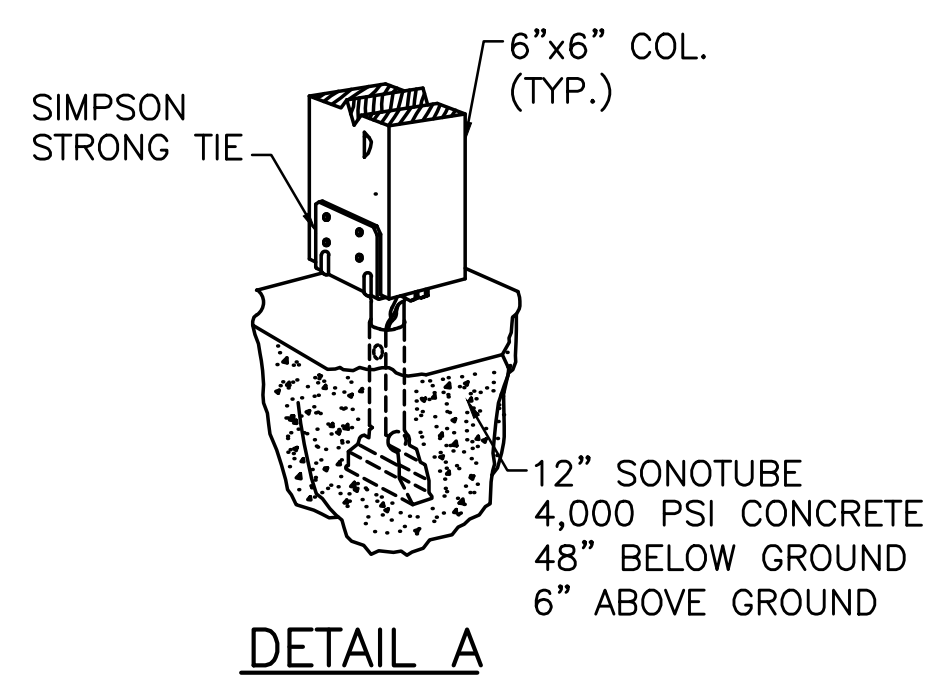
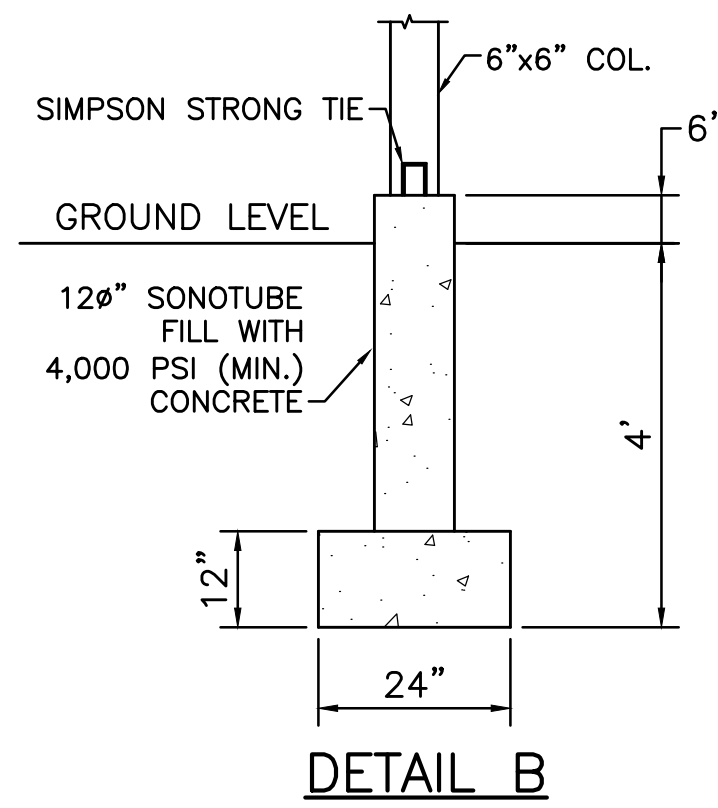
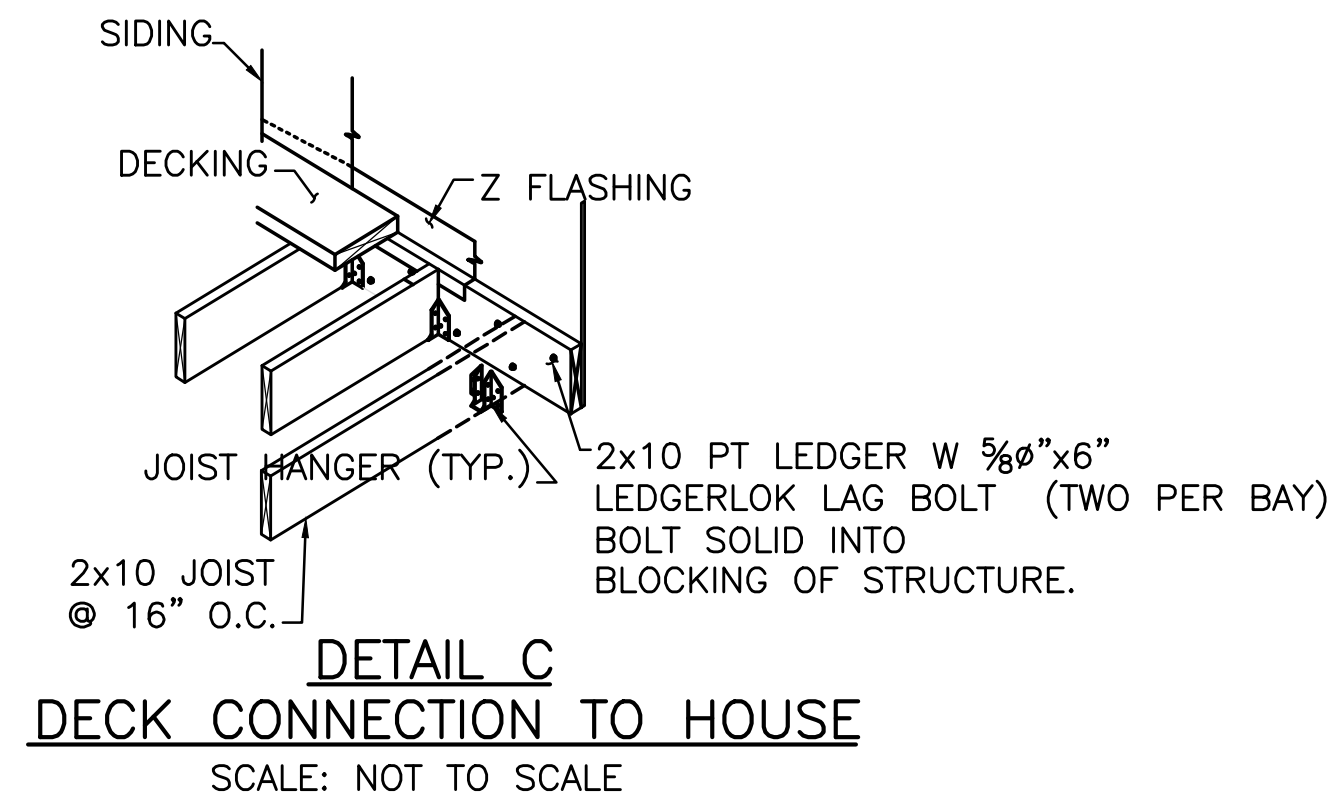
COMMONWEALTH OF MASSACHUSETTS
TUAN
V.
NGUYEN
No. 45563
REGISTERED
PROFESSIONAL ENGINEER

5/07/2026

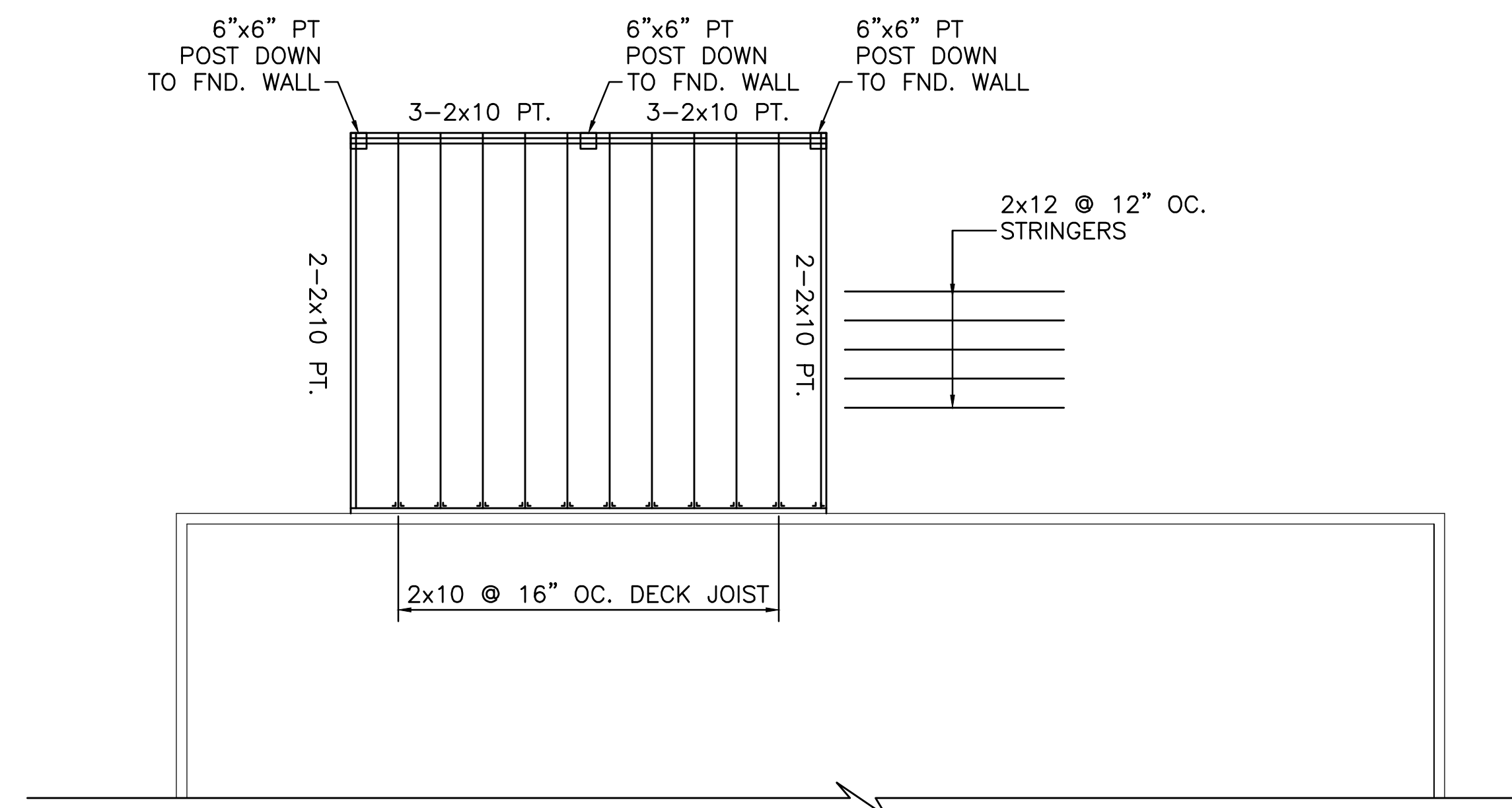
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BY:	TN
DATE:	5/07/2026
SCALE:	1/4"=1'-0"
SHEET NO.:	A-2



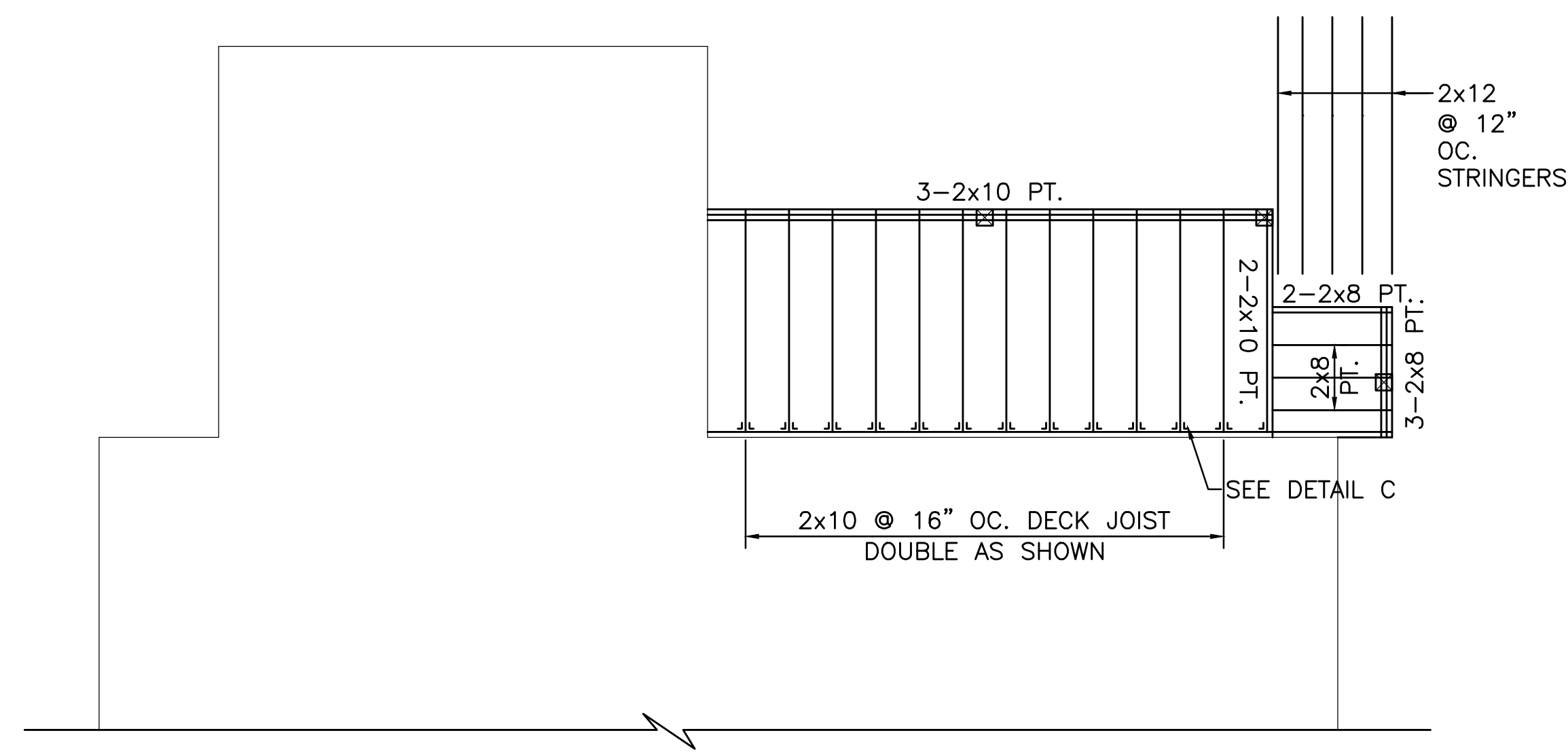
FOOTING PLAN



FIRST FLOOR FRAMING



ROOF DECK FRAMING

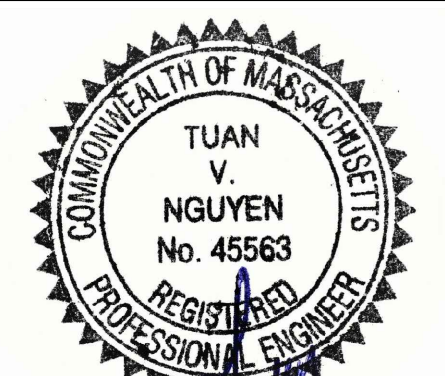


SECOND FLOOR FRAMING

REAR DECK REPLACEMENT
9 BRASTOW AVENUE
SOMERVILLE, MA.

T DESIGN, LLC

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