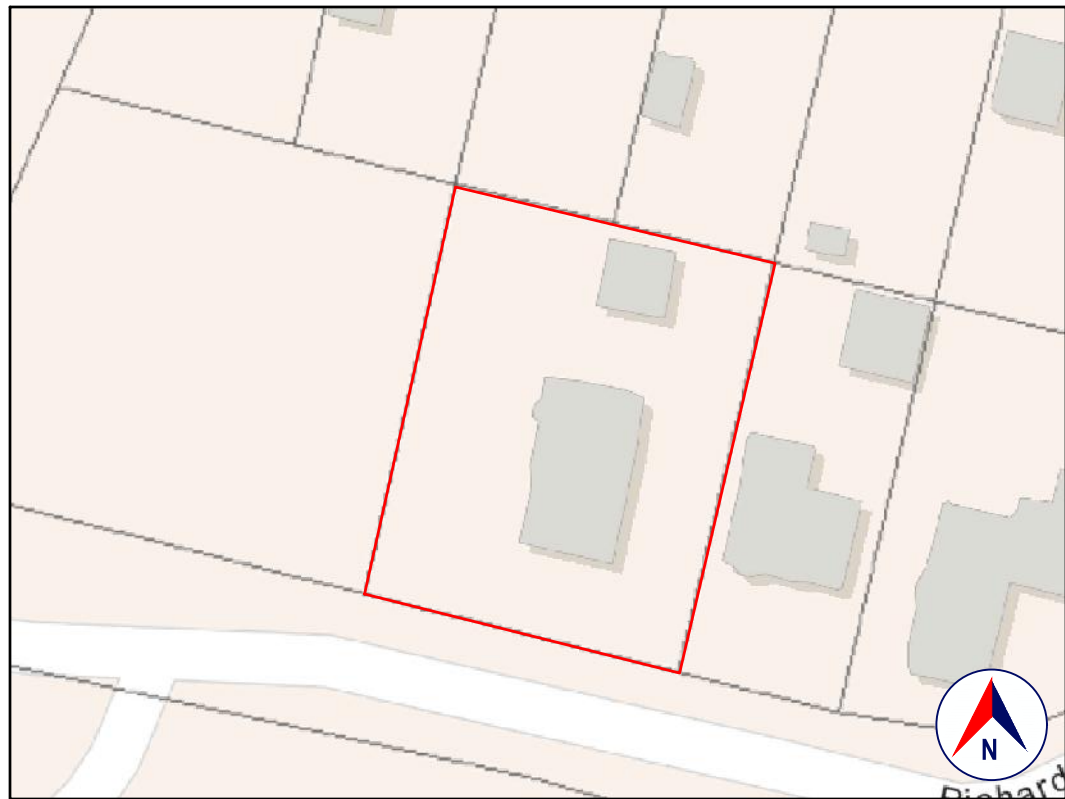


LOCATION  
GOOGLE MAPS



SATELLITE VIEW  
GOOGLE EARTH



TAX MAP  
CT ECO MAPS



FRONT VIEW  
GOOGLE STREET VIEW

### 1.0 GENERAL REQUIREMENTS:

#### 1.1 SCOPE OF WORK:

EXTERIOR DECK AND DOOR

#### 1.2 DESIGN INTENT:

IT IS THE OVERALL INTENT OF (ALL OF THE DRAWINGS) TO CALL FOR COMPLETE AND FINISHED WORK, IN COMPLIANCE WITH THE NOTED CODES, AND TESTED AND GUARANTEED AND READY FOR OPERATION.

THE ENGINEER HAS NOT BEEN ENGAGED TO SUPERVISE ANY WORK AND DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

#### 1.3 EXISTING OF CONSTRUCTION TYPE:

THE EXISTING BUILDING, PER THE BUILDING CODE OF CONNECTICUT STATE, TABLE 601 IS CONSTRUCTION TYPE VB (CONSTRUCTION WHERE THE PRIMARY ELEMENTS ARE NOT REQUIRED TO BE FIRE RATED).

#### 1.4 CLASSIFICATION OF PROPOSED WORK:

THE PROPOSED WORK IS OUTSIDE OF THE EXISTING BUILDING ENVELOPE; THE CODES REFERENCED BELOW APPLY TO ALL PROPOSED WORK.

#### 1.5 ZONING, OCCUPANCY AND USE:

YEAR BUILT: 1919 (PER ZILLOW)  
ZONING: R-8 MULTI-FAMILY  
OCCUPANCY CLASSIFICATION: RESIDENTIAL GROUP R-3 \*  
EXISTING USE: MULTI-FAMILY  
PROPOSED USE: MULTI-FAMILY (NO CHANGE)

\* WHERE THE OCCUPANTS ARE PRIMARILY PERMANENT IN NATURE AND NOT CLASSIFIED AS OCCUPANCY GROUP R-1, R-2, R-4 OR I, INCLUDING BUILDINGS THAT DO NOT CONTAIN MORE THAN TWO DWELLING UNITS.

#### 1.6 COMPLIANCE:

ALL WORK SHALL BE IN COMPLIANCE WITH THE FOLLOWINGS CODES:  
• GENERAL: 2021 INTERNATIONAL RESIDENTIAL CODE PORTION OF THE CONNECTICUT STATE BUILDING CODE (INTERNATIONAL RESIDENTIAL CODE 2021 WITH AMENDMENTS).  
• EXISTING: 2021 INTERNATIONAL EXISTING BUILDING CODE PORTION OF THE 2022 CONNECTICUT STATE BUILDING CODE (INTERNATIONAL EXISTING BUILDING CODE 2021 WITH AMENDMENTS).  
• ENERGY: 2021 IECC PORTION OF THE 2022 CT STATE BUILDING CODE (INTERNATIONAL ENERGY CONSERVATION CODE 2021).  
• PLUMBING: NOT APPLICABLE TO THESE DRAWINGS.  
• ELECTRICAL: NOT APPLICABLE TO THESE DRAWINGS.  
• DRAINAGE: NOT APPLICABLE TO THESE DRAWINGS.  
• MUNICIPAL: CODE OF THE TOWN OF GREENWICH.  
• OTHER: ALL REFERENCED CODES, OTHER CODES AND REGULATIONS, FEDERAL, STATE AND LOCAL, THAT MAY APPLY.

#### 1.7 AUTHORITY HAVING JURISDICTION:

THE AUTHORITY HAVING JURISDICTION, AS DEFINED IN SECTION R103.1 OF THE RESIDENTIAL CODE, AND WHICH SHALL PROVIDE FOR ADMINISTRATION AND ENFORCEMENT OF THE UNIFORM CODE AND ENERGY CODE BY LOCAL LAW, ORDINANCE, OTHER APPROPRIATE REGULATION, OR COMBINATION THEREOF, IS THE TOWN OF GREENWICH.  
THE DULY APPOINTED BUILDING OFFICIAL OF THE TOWN OF GREENWICH IS AUTHORIZED TO ENFORCE THE PROVISIONS OF THE CODE.  
THE BUILDING OFFICIAL MAY ADOPT POLICIES AND PROCEDURES IN ORDER TO CLARIFY THE APPLICATION OF THE PROVISIONS OF THE CODE. SUCH POLICIES AND PROCEDURES SHALL BE IN COMPLIANCE WITH THE INTENT AND PURPOSE OF THE CODE.

### 2.0 DESIGN CRITERIA:

#### 2.1 DEAD LOAD:

PER 901.4, THE ACTUAL WEIGHTS OF MATERIALS AND CONSTRUCTION SHALL BE USED FOR DETERMINING DEAD LOAD; THE FOLLOWING APPROXIMATIONS (IN PSF) ARE USED FOR THIS PROJECT:  
USE PSF  
FRAMED WALL ASSEMBLY: 15  
ROOF / CEILING ASSEMBLY: 20  
FLOOR ASSEMBLY: 15  
ALL OF THE LOADS LISTED MAY NOT APPLY TO THE CURRENT PROJECT.

#### 2.2 LIVE LOAD:

UNIFORMLY DISTRIBUTED LIVE LOADS SHALL BE PER TABLE R301.5 AND AS FOLLOWS\* (IN PSF):  
USE PSF OTHER  
UNINHABITABLE SPACE WITHOUT STORAGE: 10 (<42'H, 24"W)  
UNINHABITABLE ATTICS UNLIMITED STORAGE: 20  
HABITABLE ATTICS & ATTICS W/ FIXED STAIRS: 30  
EXTERIOR BALCONIES & DECKS: 40  
FIRE ESCAPES: 40  
GUARDS & HANDRAILS: 200 (CONCENTRATED)  
GUARD IN-FILL COMPONENTS: 50 (HORIZONTAL)  
PASSENGER VEHICLE GARAGE: 50 (82,000LB/20'S)  
ROOMS OTHER THAN SLEEPING ROOMS: 40  
SLEEPING ROOMS: 40  
STAIRS: 40 (& 300LB/4'S)  
ROOF, PER 301.6 (INC. SNOW): 30  
\*SOME OF THE LOADS LISTED ABOVE MAY BE HIGHER THAN THOSE REQUIRED PER CODE.  
ALL OF THE LOADS LISTED MAY NOT APPLY TO THE CURRENT PROJECT.

#### 2.3 WIND LOAD:

WIND LOADS SHALL BE BASED ON THE ULTIMATE DESIGN WIND SPEED LISTED IN TABLE 301.2(1) AND ADJUSTED FOR HEIGHT AND EXPOSURE:  
120 MPH WIND LOADS WILL BE ALLOWED FOR IN THE DESIGN LOAD PERFORMANCE REQUIREMENTS FOR WALL COVERINGS, ROOF COVERINGS, WINDOWS, SKYLIGHTS AND DOORS.  
COMPONENT AND CLADDING LOADS WILL BE PER TABLE R301.2(2)

#### 2.4 ALLOWABLE LIVE LOAD DEFLECTION:

THE ALLOWABLE LIVE LOAD DEFLECTION OF ALL STRUCTURAL MEMBERS, SHALL BE PER TABLE R301.7 AND AS FOLLOWS:

STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
RAFTERS HAVING SLOPES GRATER THAN 3:12 WHIT FINISHED	L/180
CEILING NOT ATTACHED TO RAFTERS	H/180
INTERIOR WALLS AND PARTITIONS	L/360
FLOORS	L/240
CEILING WITH BRITTLE FINISHES (INCLUDING PLASTER AND STUCCO)	L/360
CEILING WITH FLEXIBLE FINISHES (INCLUDING GYPSUM BOARD)	L/240
ALL OTHER STRUCTURAL MEMBERS	L/240
EXTERIOR WALLS-WIND LOAD WITH PLASTER OR STUCCO FINISHES	L/360
EXTERIOR WALLS-WIND LOAD WITH OTHER BRITTLE FINISHES	H/240
EXTERIOR WALLS-WIND LOADS WITH FLEXIBLE FINISHES	H/120
LINTELS SUPPORTING MASONRY VENEER WALLS	L/600

#### 2.5 CLIMATIC AND GEOGRAPHIC CRITERIA:

CLIMATIC AND DESIGN CRITERIA FOR THE TOWN OF GREENWICH ARE PER TABLE R301.2(1) BELOW:

PER 2021 RESIDENTIAL CODE OF CONNECTICUT, TABLE 301.2(1)						(WIND) EXPOSURE CATEGORY: B			CLIMATE ZONE: 5A				
GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP	ICE BARRIER UNDERMINT. REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	WIND SPEED MPH	TOPOGRAPHIC EFFECTS	SPECIAL WIND REGION	WINDBORNE DEBRIS ZONE		WEATHERING	FROST LINE DEPTH	TERMITE					
30 PSF	120	NO	NO	NO	C	SEVERE	3'-6"	MOD/HEAVY	7°	YES	TO BE DETERMINATED	1,500 OR LESS	50°

### 3.0 CONTRACTOR'S RESPONSIBILITIES:

THE CONTRACTOR SHALL:

- PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR A COMPLETE AND FINISHED JOB.
- PROVIDE ALL NECESSARY SHORING AND BRACING FOR ALL BUILDING COMPONENTS IN ORDER TO ADEQUATELY PROTECT AGAINST ANY FAILURES.
- OBTAIN AND PAY FOR ALL REQUIRED PERMITS - UNLESS OTHERWISE STIPULATED.
- PRIOR TO THE SUBMISSION OF ANY BID, AND BEFORE PROCEEDING WITH ANY WORK, VISIT THE SITE AND VERIFY AND FAMILIARIZE HIM/HERSELF WITH ALL SITE DIMENSIONS AND CONDITIONS, WITH SITE WORKING CONDITIONS, HOURS OF LEGAL OPERATION, METHODS AND ROUTES OF ACCESS, AND THE EXISTENCE AND EXTENT OF ANY OTHER RESTRICTIONS, AND BE RESPONSIBLE FOR THE VERIFICATION OF ALL SUCH CONDITIONS AND DIMENSIONS WHICH PERTAIN TO THE PROJECT.
- BRING ALL DISCREPANCIES IN CONDITIONS AND DIMENSIONS, BETWEEN THE APPROVED DRAWINGS AND ACTUAL FIELD CONDITIONS, TO THE IMMEDIATE ATTENTION OF THE OWNER, AND RECEIVE DIRECTION IN WRITING, BEFORE PROCEEDING WITH THE AFFECTED WORK.
- VERIFY THE AVAILABILITY, LOCATION LAYOUT AND CONDITION OF UTILITIES, INCLUDING SEWER, WATER, GAS AND ELECTRIC LINES, PRIOR TO THE SUBMISSION OF ANY BID.
- HAVE CONTROL OVER AND SUPERVISE AND DIRECT THE WORK, INCLUDING THAT OF ITS SUBCONTRACTORS, AND BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR JOBSITE SAFETY, AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- PRIOR TO THE COMMENCEMENT OF ANY WORK, VERIFY THE CONDITION OF ALL ADJOINING STRUCTURES WHICH MAY BE AFFECTED, AND PROVIDE ADEQUATE PROTECTION TO ANY STRUCTURE THAT MIGHT BE OTHERWISE AFFECTED.
- IN THE EVENT THAT DAMAGE IS CAUSED TO ANY STRUCTURE, FINISH, OR OTHER ELEMENT, RESTORE SUCH ELEMENTS TO THEIR ORIGINAL CONDITION.
- IF APPLICABLE, PROVIDE WEATHER PROTECTION, IN AN EFFECTIVE AND TIMELY MANNER, TO PROTECT THE PREMISES, PERSONNEL, MATERIALS AND INSTALLED WORK.
- BE A HOME IMPROVEMENT CONTRACTOR WITH A CURRENT LICENSE ISSUED BY THE DEPARTMENT OF CONSUMER PROTECTION OF THE STATE OF CONNECTICUT.
- BE CERTIFIED AS A LEAD SAFE FIRM BY THE EPA PER 40 CFR 745.226.
- CARRY LIABILITY INSURANCE TO THE LIMITS REQUIRED BY THE AUTHORITY HAVING JURISDICTION AND ISSUE CERTIFICATE(S) OF INSURANCE AS REQUIRED BY THE HOMEOWNER AND/OR THAT AUTHORITY.
- CARRY WORKMAN'S COMPENSATION AND DISABILITY INSURANCE AS REQUIRED THE LAW AND ISSUE CERTIFICATE(S) AS REQUIRED BY THE HOMEOWNER AND/OR THE AUTHORITY HAVING JURISDICTION.

### 4.0 BUILDING PERMIT:

NO PERSON OR ENTITY SHALL COMMENCE, PERFORM, OR CONTINUE ANY WORK THAT MUST CONFORM WITH THE UNIFORM CODE AND/OR ENERGY CODE UNLESS:  
1. SUCH PERSON OR ENTITY HAS APPLIED TO THE TOWN OF GREENWICH FOR A BUILDING PERMIT.  
2. THE TOWN OF GREENWICH HAS ISSUED A BUILDING PERMIT AUTHORIZING SUCH WORK.  
3. SUCH BUILDING PERMIT HAS NOT BEEN REVOKED OR SUSPENDED, AND  
4. SUCH BUILDING PERMIT HAS NOT EXPIRED.

THE BUILDING PERMIT IS REQUIRED TO BE VISIBLY DISPLAYED AT THE WORKSITE AND TO REMAIN VISIBLE UNTIL THE PROJECT, AND ALL REQUIRED INSPECTIONS, HAVE BEEN COMPLETED. THE APPROVED DRAWINGS MUST BE KEPT AT THE WORKSITE AND BE AVAILABLE FOR REVIEW AT THE TIME OF ANY REQUIRED INSPECTIONS.

### 5.0 CONSTRUCTION INSPECTIONS:

IT SHALL BE THE DUTY OF THE HOLDER OF THE BUILDING PERMIT, OR THEIR DULY AUTHORIZED AGENT, TO NOTIFY THE BUILDING OFFICIAL WHEN WORK IS READY FOR INSPECTION:

BUILDING DEPARTMENT OF THE TOWN OF GREENWICH.  
101 FIELD POINT ROAD  
GREENWICH, CT 06860  
TEL: (203) 622-7700  
EMAIL: bldginsp@greenwichct.org  
WEB SITE: www.greenwichct.gov

ANY PERSON OR ENTITY PERFORMING WORK FOR WHICH A BUILDING PERMIT HAS BEEN ISSUED SHALL KEEP SUCH WORK ACCESSIBLE AND EXPOSED UNTIL THE WORK HAS BEEN INSPECTED AND ACCEPTED BY THE AUTHORITY HAVING JURISDICTION, OR ITS AUTHORIZED AGENT, AT EACH ELEMENT OF THE CONSTRUCTION PROCESS THAT IS APPLICABLE TO THE WORK.

BUILDING PERMIT HOLDERS SHALL BE REQUIRED TO NOTIFY THE BUILDING OFFICIAL OF THE TOWN OF GREENWICH WHEN CONSTRUCTION WORK IS READY FOR INSPECTION.

THE BUILDING OFFICIAL SHALL MAKE THE REQUIRED INSPECTIONS OR SHALL HAVE THE AUTHORITY TO ACCEPT WRITTEN REPORTS OF INSPECTION BY APPROVED AGENCIES OR INDIVIDUALS.

REQUIRED INSPECTIONS FOR THIS PROJECT MAY INCLUDE THE FOLLOWING, AS APPLICABLE, OR AS SPECIFIED IN THE CODE ENFORCEMENT PROGRAM OF THE TOWN OF GREENWICH:  
• WORKSITE PRIOR TO THE ISSUANCE OF A PERMIT  
• PLUMBING\*  
• ELECTRICAL\*  
• MECHANICAL  
• FRAMING (SUBSEQUENT TO THE INSPECTION & APPROVAL OF PLUMBING, ELECTRICAL & MECHANICAL)  
• FIRE RESISTANT CONSTRUCTION  
• FIRE RESISTANT PENETRATIONS  
• ENERGY CODE COMPLIANCE  
• A FINAL INSPECTION AFTER ALL WORK AUTHORIZED BY THE BUILDING PERMIT HAS BEEN COMPLETED  
• ANY OTHER INSPECTIONS AS REQUIRED BY THE TOWN OF GREENWICH.

ALL OF THE ABOVE INSPECTION MAY NOT REQUIRED FOR THIS, OR ANY GIVEN, PROJECT.

A SCHEDULE OF REQUIRED INSPECTIONS IS AVAILABLE FROM THE BUILDING DEPARTMENT OF THE TOWN OF GREENWICH.

\*THE WORK APPLICABLE TO SOME OF THE ABOVE INSPECTIONS (FOR INSTANCE PLUMBING AND ELECTRICAL) SHALL BE COMPLETED UNDER A SEPARATE PERMIT, FILED BY THE RELEVANT LICENSED CONTRACTORS.

AFTER INSPECTION, THE WORK OR A PORTION THEREOF SHALL BE NOTED AS SATISFACTORY AS COMPLETED, OR THE BUILDING PERMIT HOLDER SHALL BE NOTIFIED AS TO THE MANNER IN WHICH THE WORK FAILS TO COMPLY WITH APPLICABLE CODES, INCLUDING A CITATION OF THE SPECIFIC CODE PROVISION OR PROVISIONS THAT HAVE NOT BEEN MET.

IT SHALL BE THE DUTY OF THE PERMIT HOLDER TO ASCERTAIN THE RESULTS OF REQUIRED INSPECTIONS.

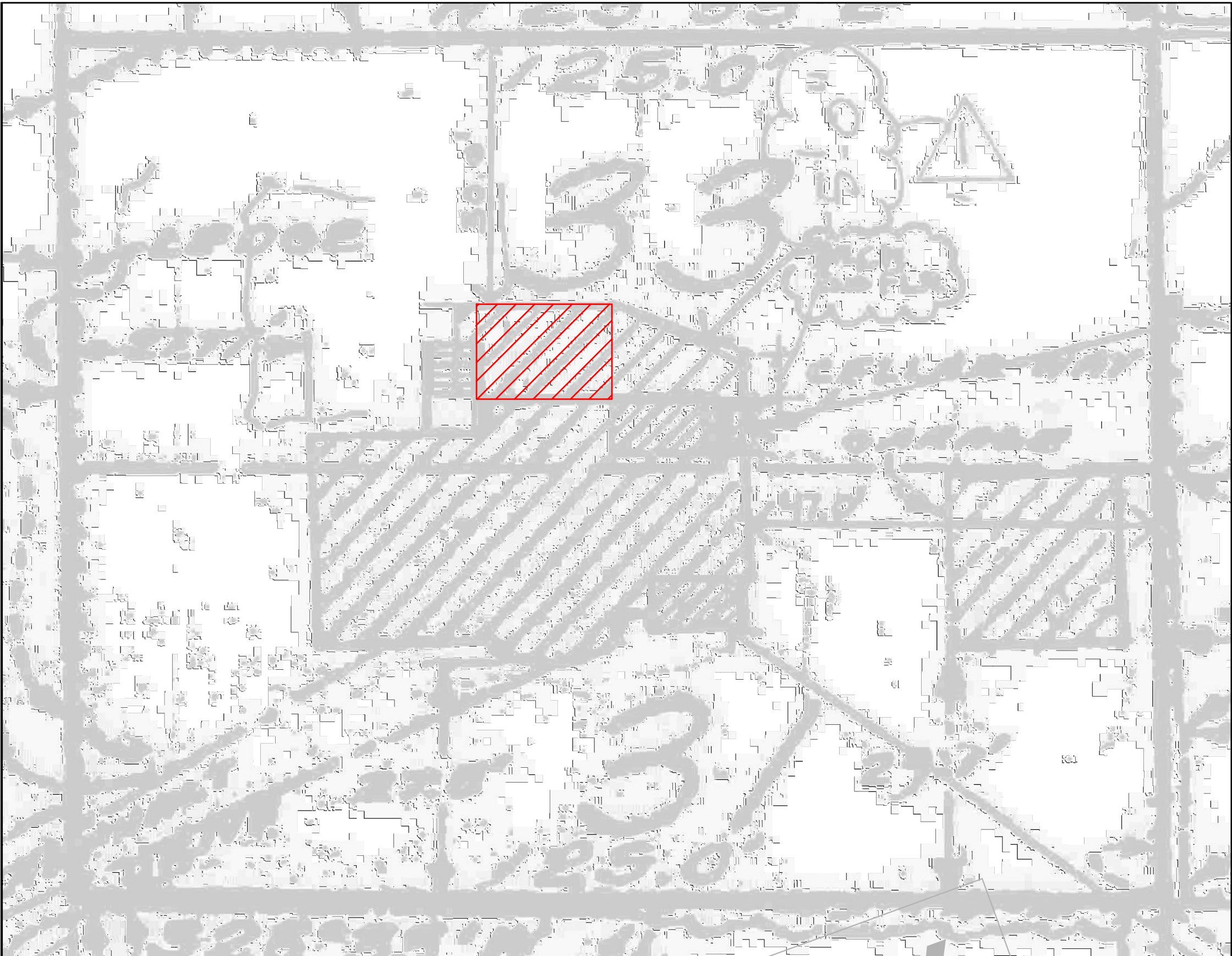
CONSTRUCTION WORK NOT IN COMPLIANCE WITH APPLICABLE CODES SHALL BE REQUIRED TO REMAIN EXPOSED UNTIL IT HAS BEEN BROUGHT INTO COMPLIANCE WITH THE CODES, RE-INSPECTED, AND FOUND SATISFACTORY AS COMPLETED.



EXISTING CONDITION  
08.14.2024



EXISTING CONDITION  
08.14.2024



PARTIAL SURVEY  
NOT TO SCALE

#### STATEMENT OF DESIGN PROFESSIONAL:

THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY SUPERVISION WITH 2021 INTERNATIONAL RESIDENTIAL CODE PORTION OF THE CONNECTICUT STATE BUILDING CODE (INTERNATIONAL RESIDENTIAL CODE 2021 WITH AMENDMENTS).

2. TO THE BEST OF MY KNOWLEDGE AND PROFESSIONAL JUDGEMENT, THESE PLANS ARE IN CONFORMANCE WITH THE 2021 IECC PORTION OF THE 2022 CT STATE BUILDING CODE (INTERNATIONAL ENERGY CONSERVATION CODE 2021).

VINCENT COAKLEY, P.E.  
(STAMP AFFIXED AND SIGNED).

LIST OF DRAWINGS			
SHEET	DRAWING NAME	DATE	REVISION
C-01	COVER SHEET	08.14.2024	01.24.2025
S-01	SITE PLAN	08.14.2024	01.24.2025
S-02	DECK PLAN(S)	08.14.2024	01.24.2025
S-03	DECK DETAILS	08.14.2024	01.24.2025

#### PROPERTY ADDRESS:

\*\*\*

GREENWICH, CT 06830  
(TOWN OF GREENWICH  
BUILDING DEPARTMENT)

#### TAX ID:

\*\*\*

#### CLIENT:

\*\*\* \*\*\*

#### TEL:

\*\*\*

#### EMAIL:

\*\*\*

#### DATE:

08.14.2024

#### DATE:

12.21.2024

#### DATE:

01.24.2025

#### ISSUE:

PRELIMINARY

FOR REVIEW

FOR PERMIT

#### PROJECT NAME:

FIRST FLOOR EXTERIOR  
DECK

#### DRAWING NAME:

COVER SHEET

#### DRAWING NUMBER:

C-01

#### DATE:

08.14.2024

#### SCALE:

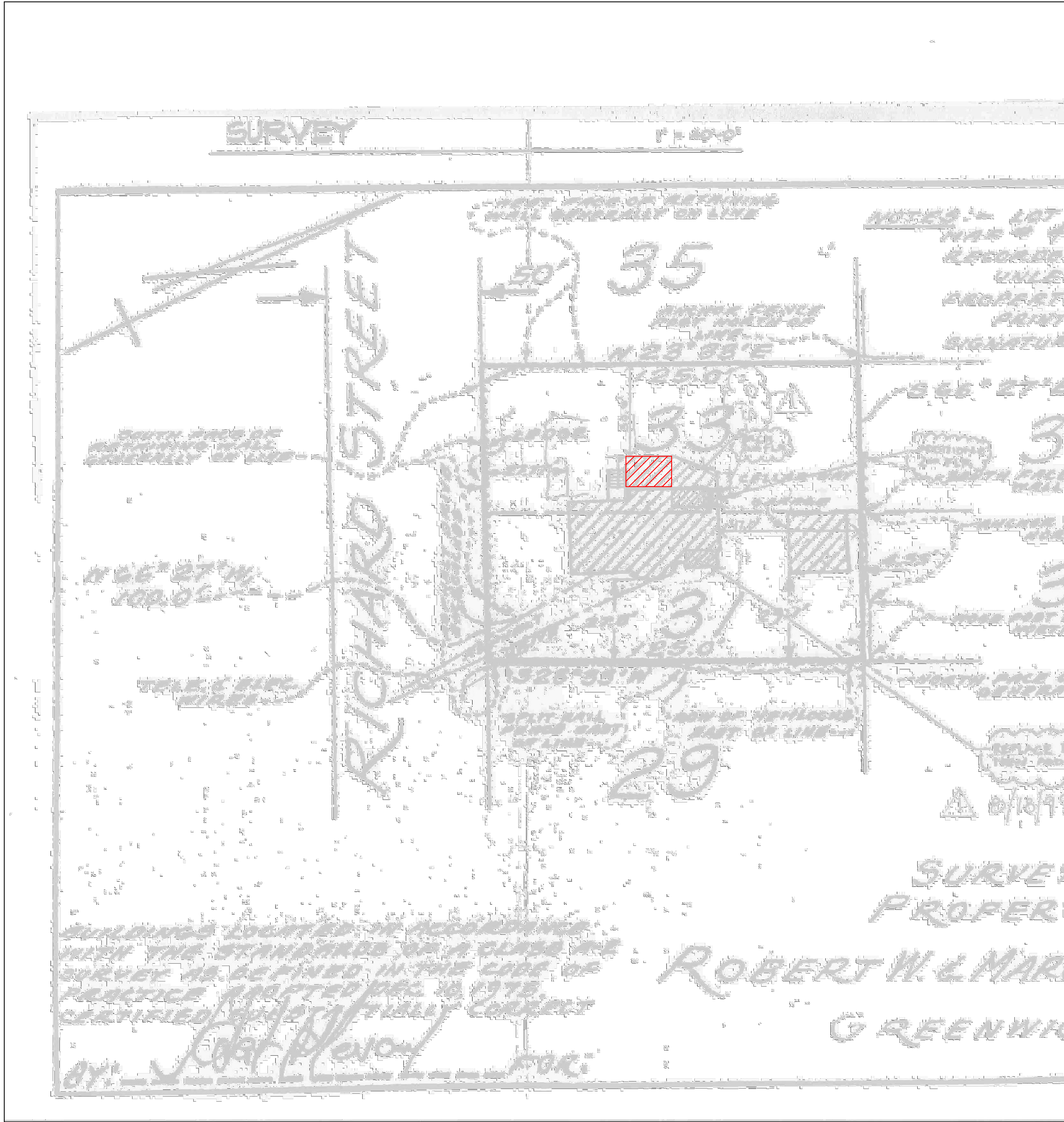
AS NOTED

#### NOTE:

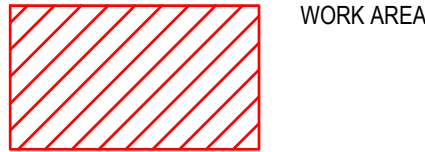
THIS DRAWING IS VALID FOR CONSTRUCTION IF (AND ONLY IF) A PERMIT IS ISSUED, BASED ON THIS DRAWING, BY THE TOWN OF GREENWICH.

Oliver Engineering, P.C.  
Design - Permit Applications - Legalizations  
Code Compliance - Project Supervision  
188 North Main Street | Port Chester | NY 10573  
(914) 774-9878 | www.proeng.nyc | vc@proeng.nyc





**PARTIAL SURVEY**  
1" = 20'



**SITE WORK**

**EXCAVATION SAFETY:**

THE CONTRACTOR SHALL COMPLY WITH THE TRENCHING AND EXCAVATION REQUIREMENTS OF 29 CFR 1926.651 AND 1926.652 OR COMPARABLE OSHA-APPROVED STATE PLAN REQUIREMENTS. TRENCHES 5 FEET DEEP OR GREATER REQUIRE A PROTECTIVE SYSTEM UNLESS THE EXCAVATION IS MADE ENTIRELY IN STABLE ROCK.

THE CONTRACTOR SHALL HAVE A COMPETENT PERSON INSPECT EXCAVATIONS DAILY AND AS CONDITIONS CHANGE TO ENSURE ELIMINATION OF EXCAVATION HAZARDS.

A COMPETENT PERSON IS AN INDIVIDUAL WHO IS CAPABLE OF IDENTIFYING EXISTING AND PREDICTABLE HAZARDS OR WORKING CONDITIONS THAT ARE HAZARDOUS, UNSANITARY, OR DANGEROUS TO WORKERS, SOIL TYPES AND PROTECTIVE SYSTEMS REQUIRED, AND WHO IS AUTHORIZED TO TAKE PROMPT CORRECTIVE MEASURES TO ELIMINATE THESE HAZARDS AND CONDITIONS.

**EXCAVATION - LOCATING UTILITIES - CALL 811:**

CONNECTICUT STATE LAW (16 NYCRR PART 753) REQUIRES ALL EXCAVATORS TO PLACE A LOCATION REQUEST WITH DIG SAFELY CONNECTICUT AT LEAST TWO (2) FULL WORKING DAYS, BUT NO MORE THAN 10 WORKING DAYS BEFORE BEGINNING AN EXCAVATION PROJECT IN ORDER TO ENSURE ALL UNDERGROUND UTILITY LINES ARE PROPERLY MARKED BY THEIR OWNERS.

A LOCATION REQUEST MAY BE PLACED, AND THE PROCESS OF MARKING UNDERGROUND UTILITIES MAY BE TRACKED, BY USING THE ONLINE LOCATION REQUEST PROGRAM, EXACTIX. OR, THE EXCAVATOR MAY CALL 811 TO PLACE THE LOCATION REQUEST.

- NOTIFY: NOTIFY 811 ONLINE WITH EXACTIX OR BY CALLING 811.
- WAIT: AT LEAST TWO DAYS FOR UTILITIES TO RESPOND (NOT INC. THE DAY YOU CALL).
- CONFIRM: CHECK ALL UTILITIES HAVE RESPONDED.
- RESPECT: ADHERE TO UTILITY MARKS AND FLAGS.
- DIG W/CAUTION: DIG CAREFULLY AROUND BURIED UTILITIES.

**NOTE:**

THE TOWN OF GREENWICH MAY REQUIRE THE CONTRACTOR TO PROVIDE A "DIG SAFELY" CODE 753 CASE NUMBER.

**DEMOLITION:**

THE CONTRACTOR SHALL: DEMOLISH AND REMOVE ALL ELEMENTS NOTED IN THE DRAWINGS FOR DEMOLITION, AND AS REQUIRED FOR THE COMPLETION OF ALL WORK SHOWN ON THESE DRAWINGS.

ALLOW NO DEBRIS TO ACCUMULATE; HAUL AWAY FROM SITE ALL DEBRIS AT CONTRACTOR'S EXPENSE. REMOVE ALL DEBRIS ON A REGULAR BASIS AND MAINTAIN JOBSITE IN A CLEAN AND TIDY CONDITION.

FULLY PROTECT ALL STRUCTURES, BUILDING ELEMENTS, EQUIPMENT, APPLIANCES AND FINISHES THAT ARE TO REMAIN FROM DAMAGE CAUSED BY ANY OF THE CONTRACTOR'S ACTIVITIES.

PROTECT ALL ADJACENT AREAS, AND ALL NEIGHBORING PROPERTY, FROM DAMAGE, INJURY AND DISCOMFORT CAUSED BY DUST.

PROTECT ALL PUBLIC PROPERTIES AND PREMISES FROM DAMAGE AND PREVENT ANY ACCUMULATION OF DEBRIS, DUST OR RUBBISH IN ANY PUBLIC AREA.

ASSUME FULL RESPONSIBILITY FOR ANY DAMAGE CAUSED TO EXISTING ELEMENTS AND MAKE REPAIRS REQUIRED WITHOUT ADDITIONAL COST TO THE OWNER.

CONDUCT ALL DEMOLITION OPERATIONS IN SUCH A MANNER AS TO PREVENT UNAUTHORIZED ENTRY OF ANY PERSONS AT ANY TIME; POST APPROPRIATE SIGNAGE AS REQUIRED.

LOCATE ALL UTILITY AND DRAINAGE LINES PRIOR TO COMMENCEMENT OF DEMOLITION AND PROTECT ALL ACTIVE LINES AS REQUIRED. IDENTIFY CLEARLY ANY WORK THAT MAY RESULT IN THE INTERRUPTION OF ANY SERVICES WITHIN THE AREA OF WORK OR IN ANY ADJACENT SPACE OR PROPERTY AND COORDINATE SUCH INTERRUPTIONS WITH ALL INVOLVED PARTIES.

NOTIFY THE OWNER, UTILITY COMPANIES, FIRE DEPARTMENT, ALARM COMPANIES, ETC. OF ANY WORK AFFECTING THEIR SYSTEMS AS REQUIRED BY ALL APPLICABLE CODES, RULES, AND REGULATIONS.

**MASONRY AND CONCRETE**

**1. CONCRETE**

STRUCTURAL CONCRETE AND CONCRETING PRACTICES SHALL CONFORM WITH THE LATEST EDITION OF ACI 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ISSUED AND MAINTAINED BY THE AMERICAN CONCRETE INSTITUTE, AND AS NOTED BELOW.

ALL ACI REQUIREMENTS FOR HOT AND COLD WEATHERING CONCRETE MUST BE ADHERED TO.

**STRENGTH:**

CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS FOLLOWS UNLESS OTHERWISE NOTED ON THE DRAWINGS:

FOUNDATION WALLS, SLAB ON GRADE: 4000 PSI, NORMAL WEIGHT  
FOOTINGS AND PIERS: 4000 PSI, NORMAL WEIGHT  
CONCRETE ON METAL DECK: 4000 PSI, NORMAL WEIGHT  
ALL OTHER CONCRETE: 4000 PSI, NORMAL WEIGHT

ALL EXPOSED CONCRETE SHALL HAVE AN AIR ENTRAINING AGENT.

**COVER:**

MINIMUM CONCRETE COVER SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON THE DRAWINGS:

SLABS: 1"  
WALLS: 1"  
COLUMNS: 1 1/2"  
EXPOSED TO WEATHER OR EARTH: 2"  
CONCRETE PLACED AGAINST EARTH: 3"

**2. REINFORCING STEEL:**

DETAILS SHALL BE IN ACCORDANCE WITH ACI-315, DETAILS AND DETAILS OF CONCRETE REINFORCEMENT UNLESS OTHERWISE NOTED ON THE DRAWING.

ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60 UNLESS REQUIRED TO BE WELDED AS SHOWN ON PLANS.

ALL REINFORCING BARS REQUIRED TO BE WELDED SHALL CONFORM TO ASTM A706, GRADE 60.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.

SUPPORT WIRE FABRIC WITH CHAIRS OR LIFTS DURING CONCRETE PLACEMENT TO INSURE PROPER POSITION IN SLAB.

ALL REINFORCEMENT SHALL BE SECURELY HELD IN PLACE WHILE PLACING CONCRETE. IF REQUIRED, ADDITIONAL BARS OR STIRRUPS SHALL BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS. REINFORCEMENT SHALL BE SECURED IN THE PROPER LOCATION IN THE FORMS WITH TIE WIRE OR OTHER BAR SUPPORT SYSTEM TO PREVENT DISPLACEMENT DURING THE CONCRETE PLACEMENT OPERATION.

WHERE NOT SPECIFICALLY INDICATED ON THE DRAWINGS, SPlicing & EMBEDMENTS SHALL BE IN ACCORDANCE TABLE R608.5.4(1) LAP SPLICE AND TENSION DEVELOPMENT LENGTHS

**GUARD RAILS:**

ALL GUARD RAILS SHALL COMPLY WITH SECTION R312 OF THE CODE AND BE AS FOLLOWS:

**HEIGHT:**

GUARDS AT OPEN-SIDED WALKING SURFACES, INCLUDING STAIRS, PORCHES, BALCONIES OR LANDINGS, SHALL BE NOT LESS THAN 36" IN HEIGHT AS MEASURED VERTICALLY ABOVE THE ADJACENT WALKING SURFACE OR THE LINE CONNECTING THE NOSINGS.

**HEIGHT EXCEPTIONS:**

GUARDS ON THE OPEN SIDES OF STAIRS SHALL HAVE A HEIGHT OF NOT LESS THAN 34" MEASURED VERTICALLY FROM A LINE CONNECTING THE NOSINGS.

WHERE THE TOP OF THE GUARD SERVES AS A HANDRAIL ON THE OPEN SIDES OF STAIRS, THE TOP OF THE GUARD SHALL BE NOT LESS THAN 34" AND NOT MORE THAN 38 INCHES AS MEASURED VERTICALLY FROM A LINE CONNECTING THE NOSINGS.

**OPENINGS:**

GUARDS SHALL NOT HAVE OPENINGS FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT THAT ALLOW PASSAGE OF A SPHERE 4" IN DIAMETER.

**EXCEPTIONS:**

THE TRIANGULAR OPENINGS AT THE OPEN SIDE OF STAIR, FORMED BY THE RISER, TREAD AND BOTTOM RAIL OF A GUARD, SHALL NOT ALLOW PASSAGE OF A SPHERE 6" IN DIAMETER. GUARDS ON THE OPEN SIDE OF STAIRS SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A SPHERE 4 1/2" IN DIAMETER.

**HAND RAILS:**

HANDRAILS SHALL BE PROVIDED ON NOT LESS THAN ONE SIDE OF EACH FLIGHT OF STAIRS WITH FOUR OR MORE RISERS, SHALL COMPLY WITH SECTION R311 OF THE CODE, AND BE AS FOLLOWS:

**HEIGHT:**

HANDRAIL HEIGHT, MEASURED VERTICALLY FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING SHALL BE NOT LESS THAN 34" AND NOT MORE THAN 38".

**GRIP SIZE:**

REQUIRED HANDRAILS SHALL BE OF ONE OF THE FOLLOWING TYPES (I OR II) OR PROVIDE EQUIVALENT GRASPABILITY.

**TYPE I.**

HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF NOT LESS THAN 1 1/2" AND NOT GREATER THAN 2". IF THE HANDRAIL IS NOT CIRCULAR, IT SHALL HAVE A PERIMETER OF NOT LESS THAN 4" AND NOT GREATER THAN 6" AND A CROSS SECTION OF NOT MORE THAN 2 1/2". EDGES SHALL HAVE A RADIUS OF NOT LESS THAN 0.01".

**TYPE II.**

HANDRAILS WITH A PERIMETER GREATER THAN 6 1/2" SHALL HAVE A GRASPABLE FINGER RECESS AREA ON BOTH SIDES OF THE PROFILE. THE FINGER RECESS SHALL BEGIN WITHIN 3/4" MEASURED VERTICALLY FROM THE TALLEST PORTION OF THE PROFILE AND HAVE A DEPTH OF NOT LESS THAN 3/8" WITHIN 3/4" BELOW THE WIDEST PORTION OF THE PROFILE. THIS REQUIRED DEPTH SHALL CONTINUE FOR NOT LESS THAN 3/4" TO A LEVEL THAT IS NOT LESS THAN 1 1/2" BELOW THE TALLEST PORTION OF THE PROFILE. THE WIDTH OF THE HANDRAIL ABOVE THE RECESS SHALL BE NOT LESS THAN 1 1/2" AND NOT MORE THAN 2 1/2". EDGES SHALL HAVE A RADIUS OF NOT LESS THAN 0.01".

**CONTINUITY:**

HANDRAILS SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS.

**EXCEPTIONS:**

HANDRAIL CONTINUITY SHALL BE PERMITTED TO BE INTERRUPTED BY A NEWEL POST AT A TURN IN A FLIGHT WITH WINDERS, AT A LANDING, OR OVER THE LOWEST TREAD.

**PLASTIC COMPOSITE MATERIALS:**

**COMPLIANCE:**

PLASTIC COMPOSITE EXTERIOR DECK BOARDS, STAIR TREADS, GUARDS AND HANDRAILS SHALL COMPLY WITH THE REQUIREMENTS OF R607.2.2 OF THE RESIDENTIAL CODE AND OF ASTM D7032.

**LABELING:**

PLASTIC OR COMPOSITE HANDRAILS AND GUARDS, OR THEIR PACKAGING, SHALL BEAR A LABEL THAT INDICATES COMPLIANCE WITH ASTM D7032 AND INCLUDES THE MAXIMUM ALLOWABLE SPAN DETERMINED IN ACCORDANCE WITH ASTM D7032.

**INSTALLATION:**

THEY SHALL BE INSTALLED IN ACCORDANCE WITH THIS CODE AND THE MANUFACTURER'S INSTRUCTIONS.

**APPROVAL:**

NEW POSTS (TRIM) AND RAILINGS TO BE COMPOSITE MATERIAL, COMPLIANT WITH THE ABOVE REQUIREMENTS, AND TO BE APPROVED BY OWNER PRIOR TO INSTALLATION. RAILS TO BE TIMBERTECH CLASSIC COMPOSITE SERIES OR OTHER APPROVED BY OWNER. SEE CONNECTION DETAILS ON SHEET S-03.

**PROPERTY ADDRESS:**

\*\*\*

**GREENWICH, CT 06830  
(TOWN OF GREENWICH  
BUILDING DEPARTMENT)**

**TAX ID:**

\*\*\*

**CLIENT:**

\*\*\* \*\*\*

**TEL:**

\*\*\*

**EMAIL:**

\*\*\*

**DATE:**

08.14.2024

12.21.2024

01.24.2025

**ISSUE:**

PRELIMINARY

FOR REVIEW

FOR PERMIT

**PROJECT NAME:**

**FIRST FLOOR EXTERIOR  
DECK**

**DRAWING NAME:**

**SITE PLAN**

**DRAWING NUMBER:**

**S-01**

**DATE:**

08.14.2024

**SCALE:**

AS NOTED

**NOTE:**

THIS DRAWING IS VALID FOR CONSTRUCTION IF (AND ONLY IF) A PERMIT IS ISSUED, BASED ON THIS DRAWING, BY THE TOWN OF GREENWICH.

**Oliver Engineering, P.C.**

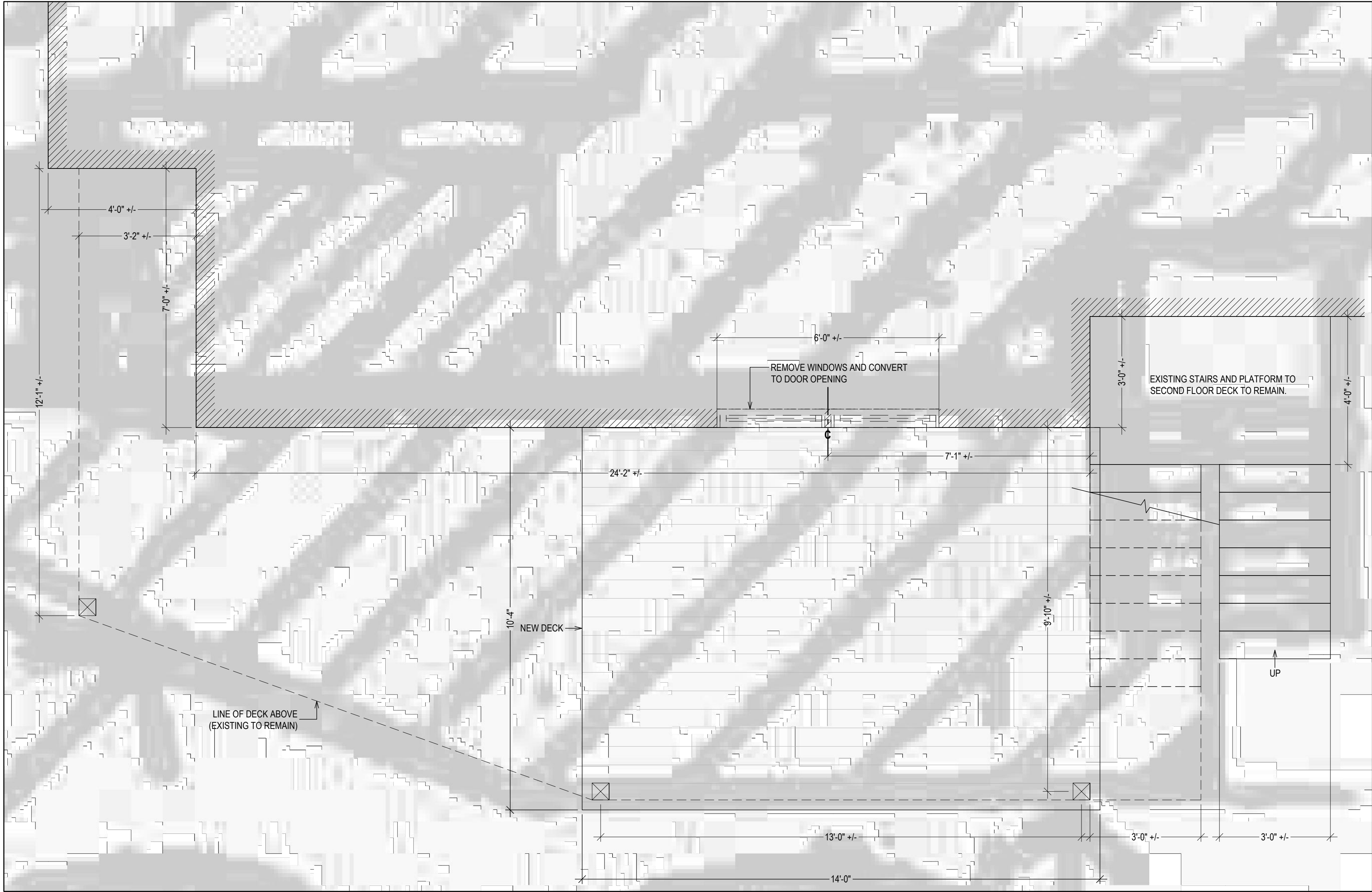
Design - Permit Applications - Legalizations

Code Compliance - Project Supervision

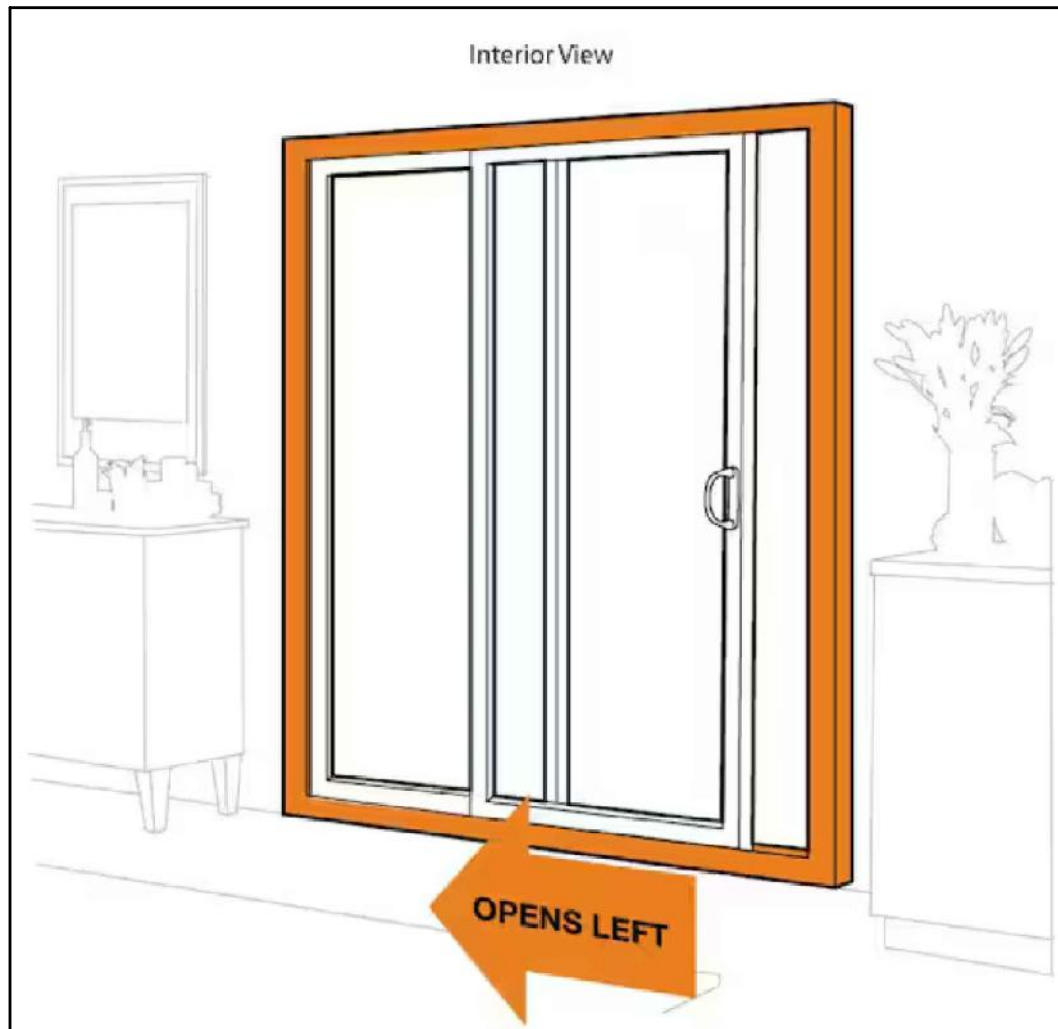
188 North Main Street | Port Chester | NY 10573

(914) 774-9878 | www.proeng.nyc | vo@proeng.nyc

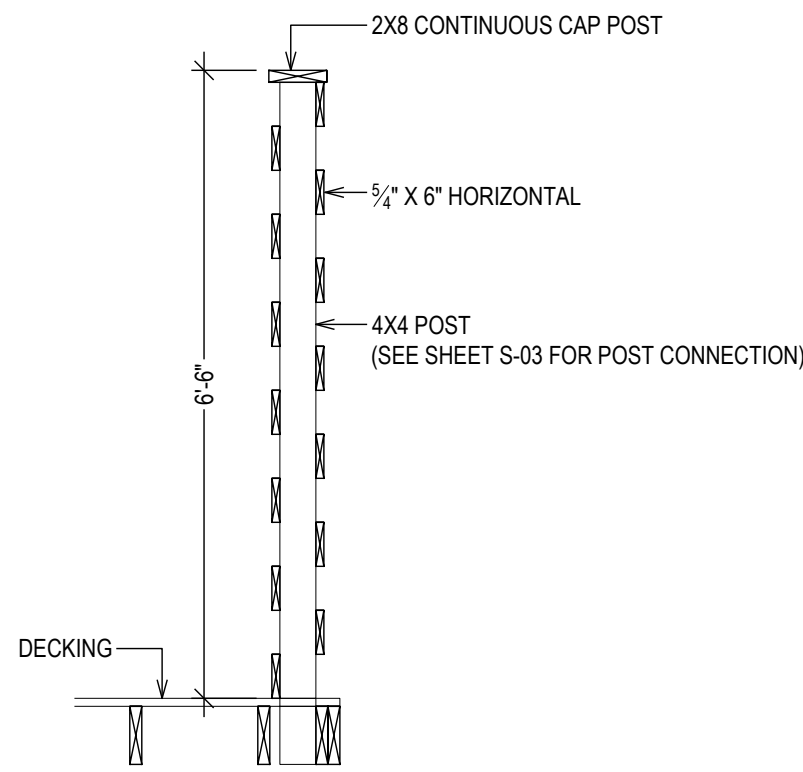




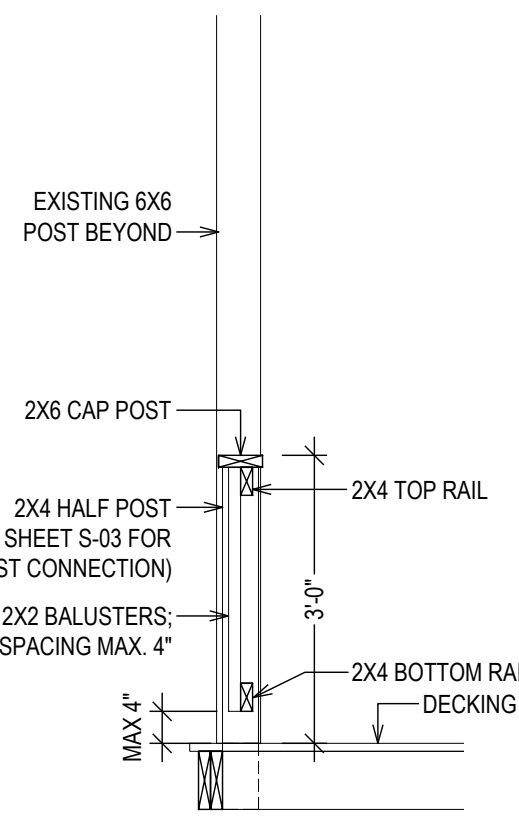
**PROPOSED DECK PLAN**  
OVERLAIN ON PARTIAL SURVEY  
1/2" = 1'-0"



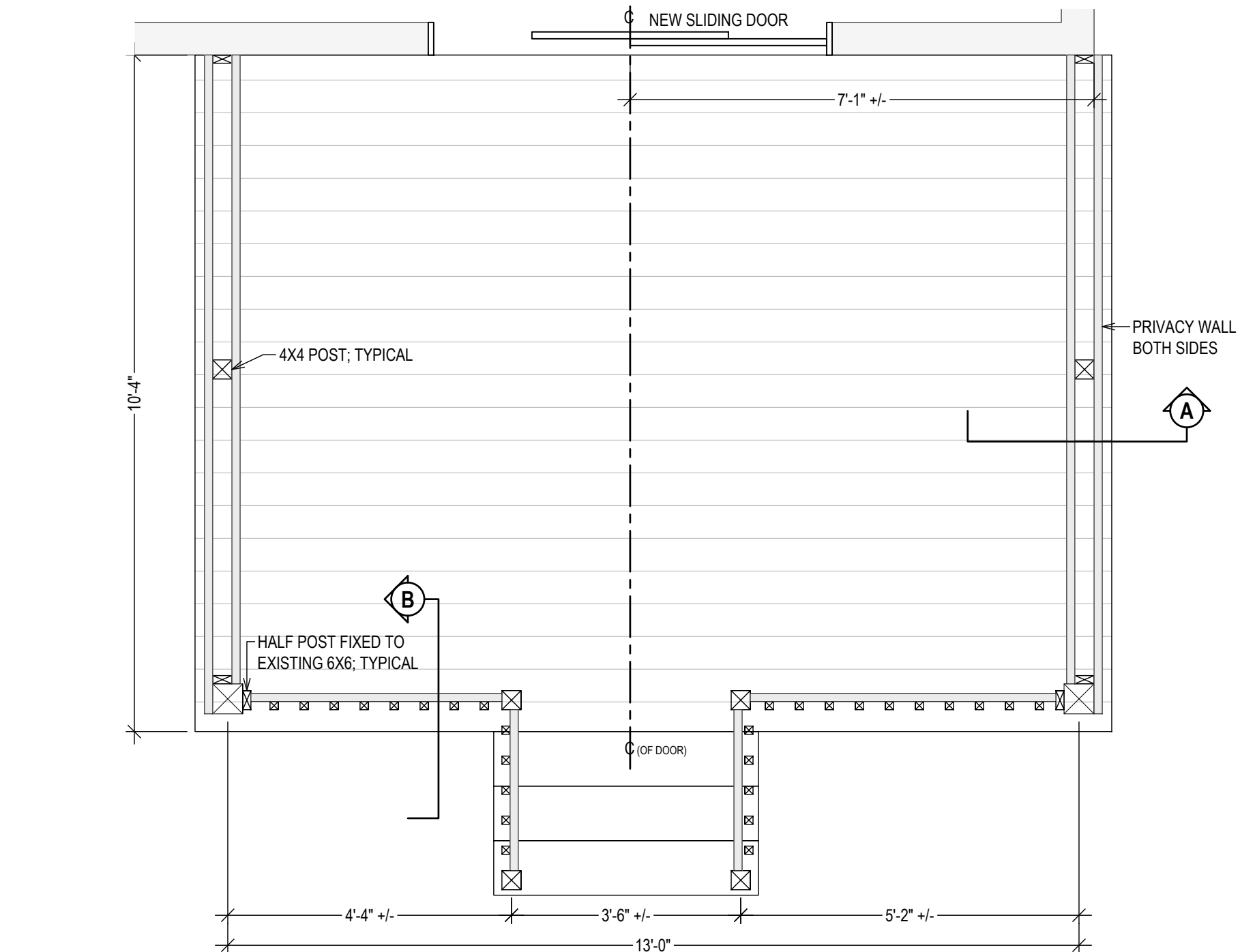
Andersen  
**71-1/4 in. x 79-1/2 in. 100 Series White Left-Hand Composite Gliding Patio Door with White Interior and White Hardware**  
MODEL: 9207459



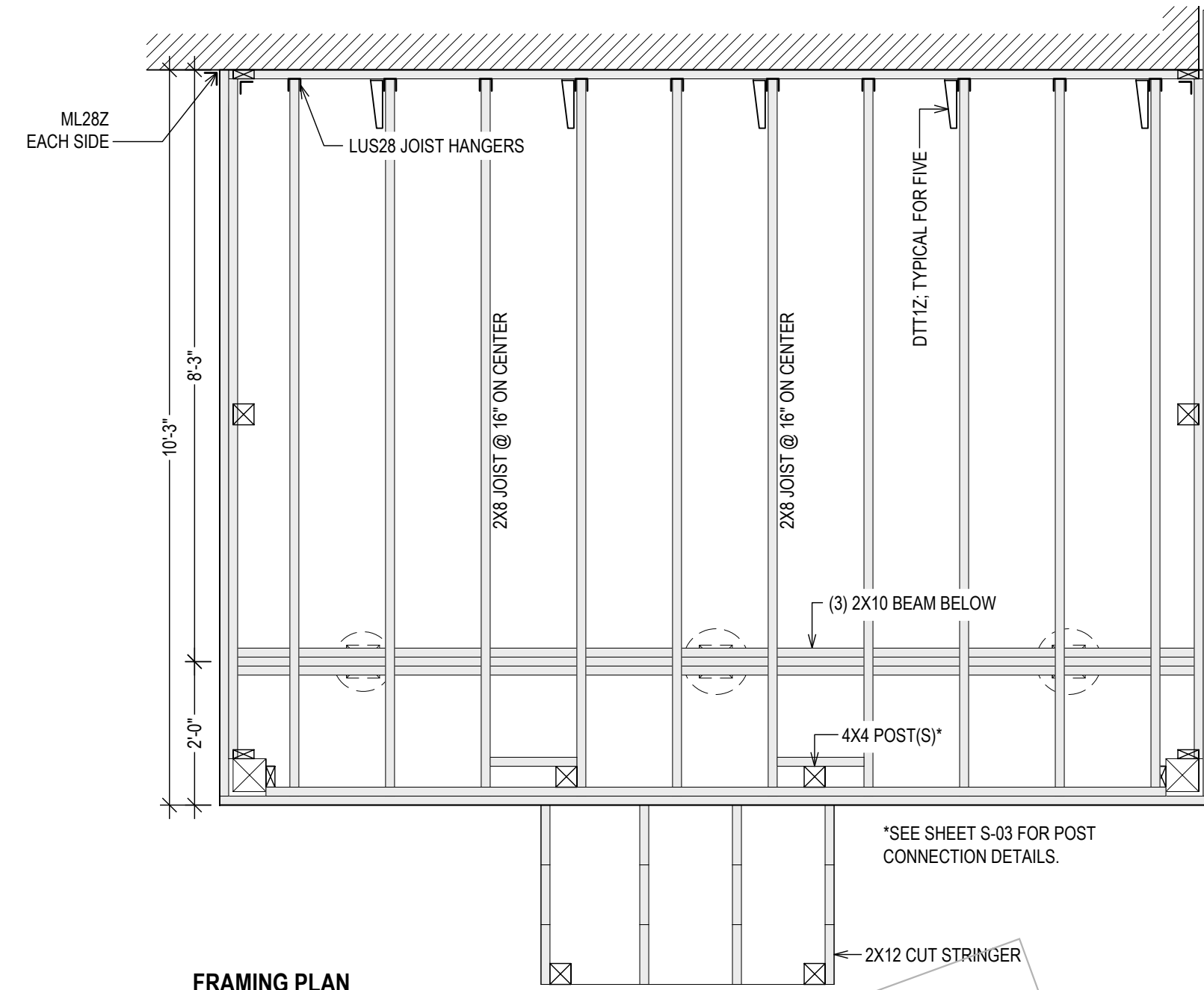
**SECTION A - PRIVACY WALL**  
1/2" = 1'-0"



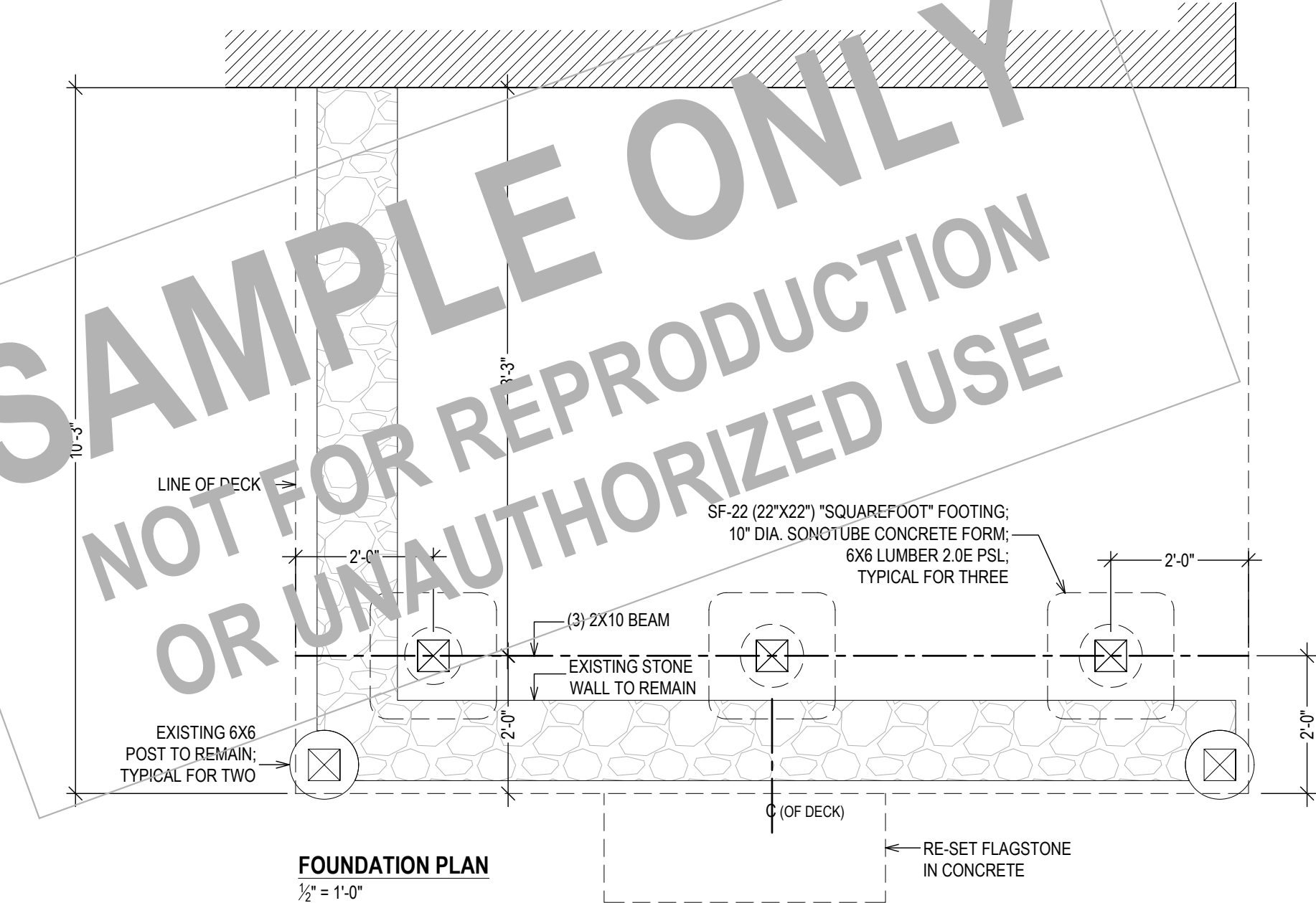
**SECTION B - RAIL**  
1/2" = 1'-0"



**DECK PLAN**  
1/2" = 1'-0"



**FRAMING PLAN**  
ALL LUMBER IS TO BE PRESSURE PRESERVATIVE TREATED  
1/2" = 1'-0"



**FOUNDATION PLAN**  
1/2" = 1'-0"

PROPERTY ADDRESS:  
\*\*\*  
**GREENWICH, CT 06830**  
(TOWN OF GREENWICH  
BUILDING DEPARTMENT)

TAX ID:  
\*\*\*

CLIENT:  
\*\*\* \*\*

TEL: \*\*\*  
EMAIL: \*\*\*

DATE: 08.14.2024  
12.21.2024  
01.24.2025  
ISSUE: PRELIMINARY  
FOR REVIEW  
FOR PERMIT

PROJECT NAME:  
**FIRST FLOOR EXTERIOR  
DECK**

DRAWING NAME:  
**DECK PLAN(S)**

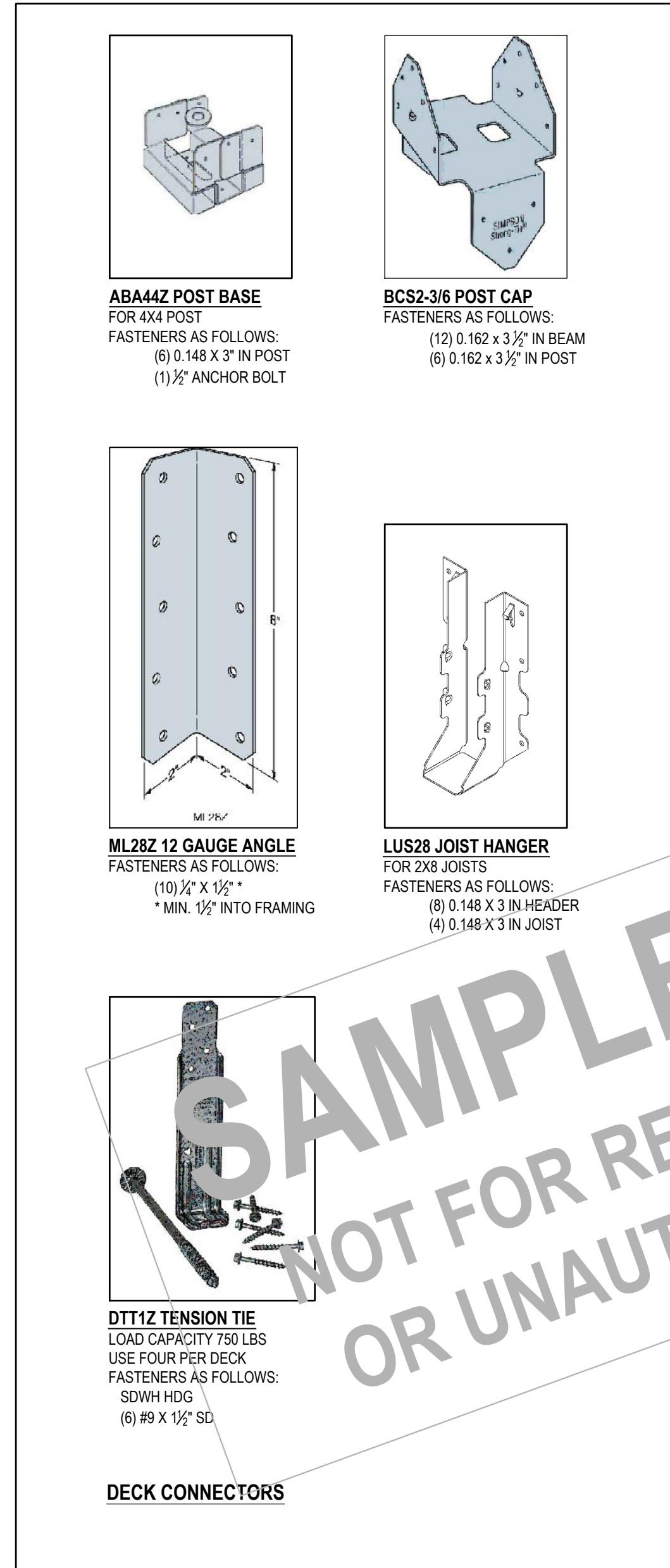
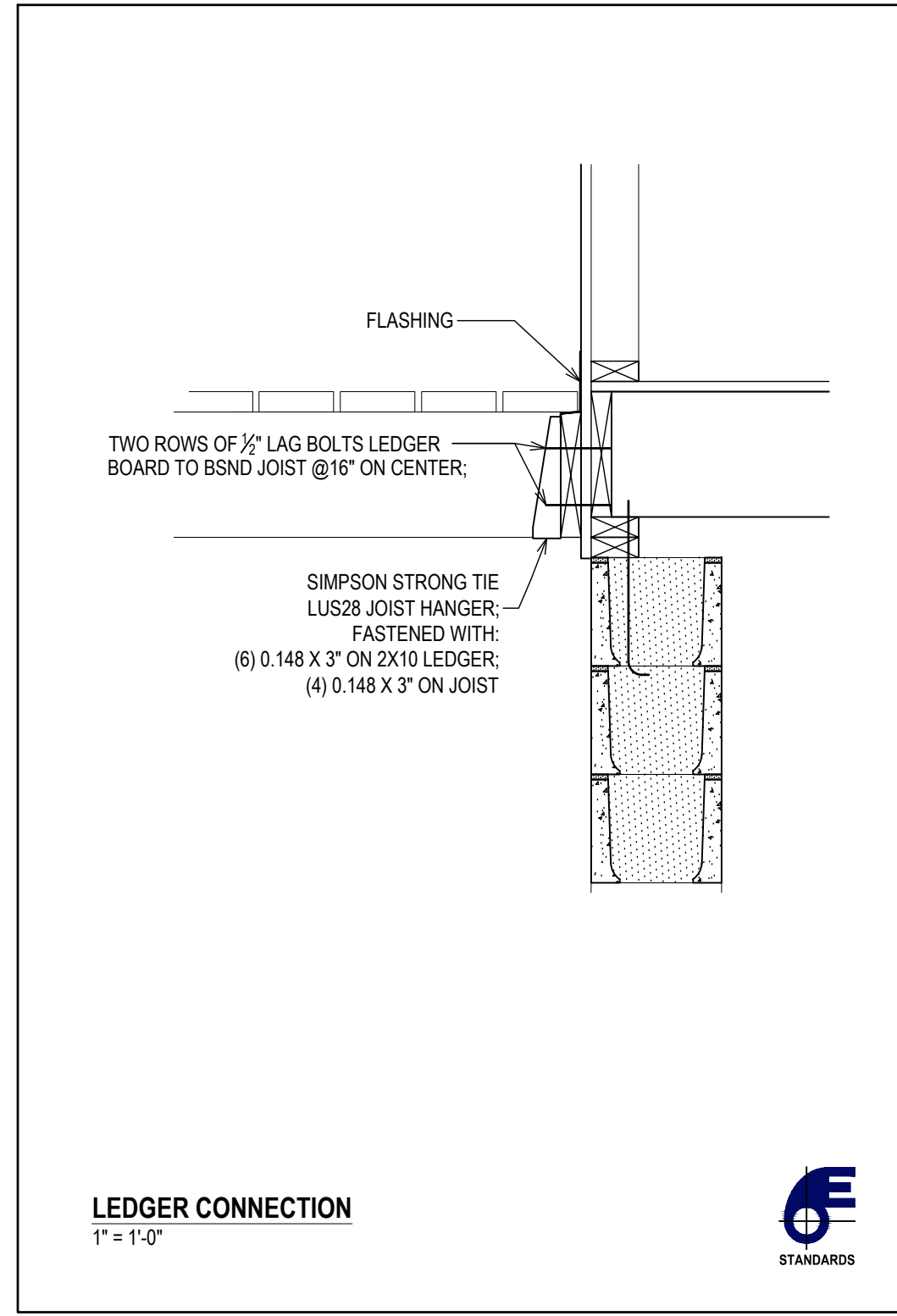
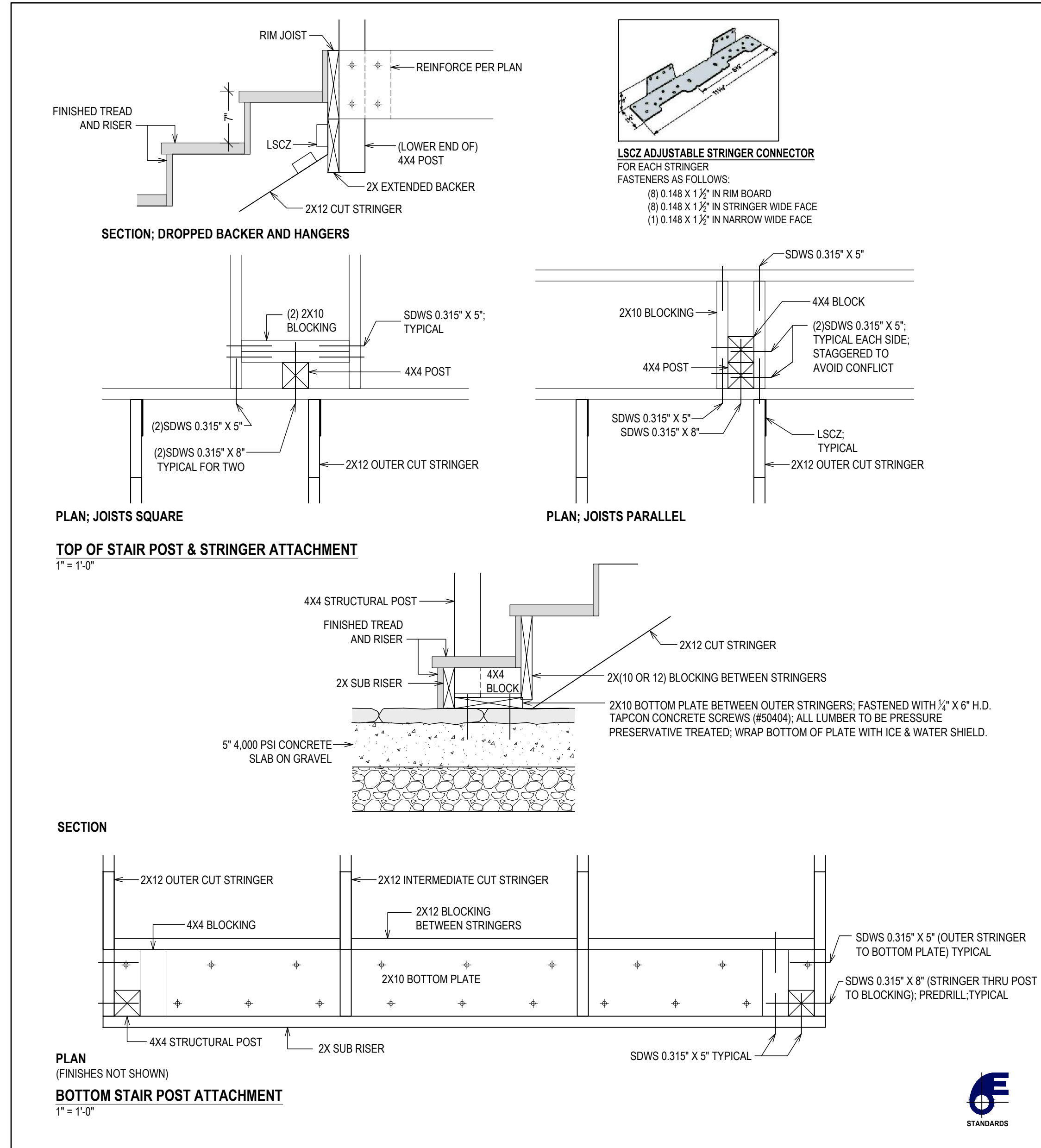
DRAWING NUMBER:  
**S-02**

DATE:  
**08.14.2024**

SCALE:  
**AS NOTED**

NOTE:  
THIS DRAWING IS VALID FOR  
CONSTRUCTION IF (AND ONLY IF) A  
PERMIT IS ISSUED, BASED ON THIS  
DRAWING, BY THE TOWN OF  
GREENWICH.





- ## EXTERIOR DECKS
- 1. WOOD DECKS (PER RS07.1):**  
DECKS SHALL BE DESIGNED FOR A LIVE LOAD OR 40 PSF.
  - 2. MATERIALS (PER RS07.2):**  
WOOD MATERIALS SHALL BE NO. 2 GRADE OR BETTER LUMBER, PRESERVATIVE-TREATED IN ACCORDANCE WITH SECTION R317.  
PLASTIC COMPOSITE EXTERIOR DECK BOARDS, STAIR TREADS, GUARDS AND HANDRAILS SHALL COMPLY WITH THE REQUIREMENTS OF ASTM D7032 AND SECTION RS07.2.2, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
  - 3. FOOTINGS (PER RS07.3):**  
DECKS SHALL BE SUPPORTED ON CONCRETE FOOTINGS SIZED TO CARRY THE IMPOSED LOADS FROM THE DECK STRUCTURE TO THE GROUND AS SHOWN IN THESE DRAWINGS.  
WHERE DECKS ARE ATTACHED TO A FROST-PROTECTED STRUCTURE, DECK FOOTINGS SHALL BE PROTECTED FROM FROST BY EXTENDING BELOW THE FROST LINE: 3'-6" BELOW GRADE, OR POSTING ON SLOID ROCK.
  - 4. POSTS (PER RS07.4):**  
WOOD POST SIZE SHALL BE IN ACCORDANCE WITH TABLE RS07.4 AND PER THESE DRAWINGS.  
WHERE POSTS BEAR ON CONCRETE FOOTINGS, LATERAL RESTRAINT SHALL BE PROVIDED BY MANUFACTURED CONNECTORS OR A MINIMUM POST EMBEDMENT OF 12" IN SURROUNDING SOILS OR CONCRETE PIERS.
  - 5. BEAMS (PER RS07.5):**  
SPANS FOR WOOD DECK BEAMS, SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. BEAM PILES SHALL BE FASTENED TOGETHER WITH TWO ROWS OF 10" (3" x 0.128") NAILS MINIMUM AT 16" ON CENTER ALONG EACH EDGE OR AS NOTED ON DRAWINGS.  
THE ENDS OF BEAMS SHALL HAVE NOT LESS THAN 1 1/2" OF BEARING ON WOOD OR METAL, AND NOT LESS THAN 3" OF BEARING ON CONCRETE OR MASONRY FOR THE ENTIRE WIDTH OF THE BEAM.  
WHERE MULTIPLE-SPAN BEAMS BEAR ON INTERMEDIATE POSTS, EACH PLY SHALL HAVE FULL BEARING ON THE POSTS.  
BEAMS SHALL BE ATTACHED TO SUPPORTS AS NOTED ON THESE DRAWINGS IN A MANNER CAPABLE OF TRANSFERRING VERTICAL LOADS AND RESISTING HORIZONTAL DISPLACEMENT.  
MANUFACTURED POST-TO-BEAM CONNECTORS SHALL BE SIZED FOR THE POST AND BEAM TYPES. BOLTS SHALL HAVE WASHERS UNDER THE HEAD AND NUT.
  - 6. JOISTS (PER RS07.6):**  
SPANS FOR WOOD DECK JOISTS, SHALL BE AS SHOWN IN THESE DRAWINGS AND IN ACCORDANCE WITH TABLE RS07.6. THE MAXIMUM JOIST SPACING SHALL BE LIMITED BY THE DECKING MATERIALS.  
THE ENDS OF JOISTS SHALL HAVE NOT LESS THAN 1 1/2" OF BEARING ON WOOD OR METAL, AND NOT LESS THAN 3" OF BEARING ON CONCRETE OR MASONRY OVER ITS ENTIRE WIDTH. JOISTS BEARING ON TOP OF A MULTIPLE-PLY BEAM OR LEDGER SHALL BE FASTENED IN ACCORDANCE WITH TABLE RS02.3(1) AND THESE DRAWINGS.  
JOISTS BEARING ON TOP OF A SINGLE-PLY BEAM OR LEDGER SHALL BE ATTACHED BY A MECHANICAL CONNECTOR. JOISTS FRAMING INTO THE SIDE OF A BEAM OR LEDGER BOARD SHALL BE SUPPORTED BY APPROVED JOIST HANGERS.  
JOIST ENDS AND BEARING LOCATIONS SHALL BE PROVIDED WITH LATERAL RESISTANCE TO PREVENT ROTATION, WHERE LATERAL RESTRAINT IS PROVIDED BY JOIST HANGERS OR BLOCKING.  
WHERE JOISTS ARE ATTACHED TO BEAMS OR LEDGERS, JOIST ENDS SHALL BE SECURED TO THE END OF EACH JOIST WITH NOT FEWER THAN THREE 100 (3" BY 0.128") NAILS OR THREE NO. 10 X 3" LONG WOOD SCREWS.
  - 7. DECKING (PER RS07.7):**  
SPACING FOR JOISTS SUPPORTING WOOD DECKING, EXCLUDING STAIRWAYS, SHALL BE PER THESE DRAWINGS AND IN ACCORDANCE WITH TABLE RS07.7. WOOD DECKING SHALL BE ATTACHED TO EACH SUPPORTING MEMBER WITH NOT LESS THAN TWO 60 THREAD-ED NAILS OR TWO NO. 8 WOOD SCREWS.  
SPACING FOR JOISTS SUPPORTING PLASTIC COMPOSITE DECKING SHALL BE IN ACCORDANCE WITH SECTION RS07.7.2 AND MANUFACTURER'S INSTRUCTIONS.
  - 8. VERTICAL & LATERAL SUPPORTS (PER RS07.8):**  
WHERE SUPPORTED BY ATTACHMENT TO AN EXTERIOR WALL, DECKS SHALL BE POSITIVELY ANCHORED TO THE PRIMARY STRUCTURE AND DESIGNED FOR BOTH VERTICAL AND LATERAL LOADS. TIE-RODS OR NAILS SUBJECT TO WITHDRAWAL, SHALL NOT BE USED. WHERE POSITIVE CONNECTION TO THE PRIMARY BUILDING STRUCTURE CANNOT BE VERIFIED DURING INSPECTION, DECKS SHALL BE SELF-SUPPORTING.
  - 9. SUPPORT AT BAND JOIST (PER RS07.9):**  
DECK LEDGERS SHALL BE A MINIMUM 2X8 (NOMINAL), PRESSURE-PRESERVATIVE-TREATED STRUCTURAL LUMBER, HEAVY OR OTHER APPROVED LUMBER. DECK LEDGERS SHALL NOT BE SUPPORTED CONCENTRATED LOADS FROM BEAMS OR GIRDERS; DECK LEDGERS SHALL NOT BE SUPPORTED ON STONE OR MASONRY VENEER.  
BAND JOISTS SUPPORTING A LEDGER SHALL BE A MINIMUM 2X, SOLID-SAWN, SPRUCE-PINE-FIR OR BETTER LUMBER OR A MINIMUM 1" NOMINAL ENGINEERED WOOD RIB BOARDS IN ACCORDANCE WITH SECTION RS02.1.7. BAND JOISTS SHALL BEAR FULLY ON THE PRIMARY STRUCTURE CAPABLE OF SUPPORTING ALL REQUIRED LOADS.  
LEDGERS FASTENED TO BAND JOISTS SHALL BE INSTALLED IN ACCORDANCE WITH TABLE RS07.9.1.3(1) SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL AND SHALL BE INSTALLED IN ACCORDANCE WITH TABLE RS07.9.1.3(2) AND THESE DRAWINGS.  
LATERAL LOADS SHALL BE TRANSFERRED TO THE GROUND OR TO A STRUCTURE CAPABLE OF TRANSMITTING THEM TO THE GROUND.  
WHERE THE LATERAL LOAD CONNECTION IS PROVIDED IN ACCORDANCE WITH FIGURES RS07.9.2 (1), HOLD-DOWN TENSION DEVICES SHALL BE INSTALLED IN NOT LESS THAN TWO LOCATIONS PER DECK, WITHIN 24" OF EACH EDGE OF THE DECK. EACH DEVICE SHALL HAVE AN ALLOWABLE STRESS DESIGN CAPACITY OF NOT LESS THAN 1,500 POUNDS.  
WHERE THE LATERAL LOAD CONNECTIONS ARE PROVIDED IN ACCORDANCE WITH FIGURE RS07.9.2(2), THE HOLD-DOWN TENSION DEVICES SHALL BE INSTALLED IN NOT LESS THAN FOUR LOCATIONS PER DECK, AND EACH DEVICE SHALL HAVE AN ALLOWABLE STRESS DESIGN CAPACITY OF NOT LESS THAN 750 POUNDS.
  - 10. GUARD RAILS (PER RS07.10):**  
GUARD RAILS SHALL BE CONSTRUCTED TO MEET THE LIVE LOAD REQUIREMENTS NOTED HEREIN.  
WHERE GUARD RAILS ARE CONNECTED TO THE INTERIOR OR EXTERIOR SIDE OF A DECK JOIST OR BEAM, THE JOIST OR BEAM SHALL BE CONNECTED TO THE ADJACENT JOISTS TO PREVENT ROTATION OF THE JOIST OR BEAM. CONNECTIONS RELYING ONLY ON FASTENERS IN END GRAIN WITHDRAWAL ARE NOT PERMITTED.  
WHERE GUARDS ARE MOUNTED ON TOP OF THE DECKING, THE GUARDS SHALL BE CONNECTED TO THE DECK FRAMING OR BLOCKING AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO TRANSFER THE GUARD LOADS TO THE ADJACENT JOISTS.  
WHERE 4X4 WOOD POSTS SUPPORT GUARDS, LOADS APPLIED TO THE TOP OF THE GUARD, SUCH POSTS SHALL NOT BE USED AS THE CONNECTION TO THE SUPPORTING STRUCTURE.  
PLASTIC COMPOSITE GUARDS SHALL COMPLY WITH THE PROVISIONS OF SECTION RS07.2.2.