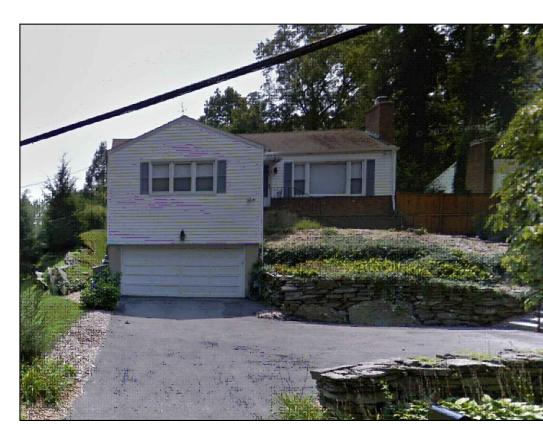


***, GREENWICH LOCATION **GOOGLE MAPS**



SATELLITE VIEW GOOGLE EARTH





FRONT VIEW GOOGLE STREET VIEW

1.0 GENERAL REQUIREMENTS:

1.1 PROJECT SCOPE:

PARTIAL RECONSTRUCTION OF THE GARAGE STAIRS.

1.2 DESIGN INTENT:

THESE (STRUCTURAL) DRAWINGS ADDRESS ONLY THE STRUCTURAL INTEGRITY, BASED ON THE STIPULATED LOADS, OF THE PROPOSED CONSTRUCTION.

THESE DRAWINGS SHOULD ONLY BE USED IN CONJUNCTION WITH THE ARCHITECTURAL AND OTHER DRAWINGS.

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

THESE (STRUCTURAL) DRAWINGS ARE NOT INTENDED TO ADDRESS: BUILDING PLANNING; DIMENSIONAL COORDINATION; THERMAL OR MOISTURE PROTECTION; EGRESS; FIRE PROTECTION; MECHANICAL; HEAT, LIGHT AND VENTILATION; GENERAL BUILDING; OR ANY OTHER OTHER

REFER TO THE MICHAEL MG GURNARI DESIGN, LLC DRAWINGS FOR ALL SUCH ISSUES.

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 CLASSIFICATION OF PROPOSED WORK:

THIS IS A PROPOSED REPAIR, PER THE EXISTING BUILDING CODE, SECTION 301.2, AND SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 4 OF THAT CODE.

CONSTRUCTION TYPE: WOOD FRAMED AS DEFINED IN TABLE 601 YEAR BUILT 1958 (PER ZILLOW) R-12 ZONING:

OCCUPANCY CLASSIFICATION: RESIDENTIAL REFER TO ARCHITECTURAL DRAWINGS ARCHITECTURAL REVIEW:

1.4 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).

PLUMBING: NOT APPLICABLE TO THESE DRAWINGS.

 ELECTRICAL: NOT APPLICABLE TO THESE DRAWINGS. DRAINAGE: NOT APPLICABLE TO THESE DRAWINGS.

• MUNICIPAL: CODE OF THE CODE OF THE TOWN OF GREENWICH.

• OTHER: ALL REFERENCED CODES, OTHER CODES AND REGULATIONS, FEDERAL, STATE AND LOCAL,

2.0 DESIGN CRITERIA

FRAMED WALL ASSEMBLY:

ROOF /CEILING ASSEMBLY:

UNINHABITABLE SPACE WITHOUT STORAGE

UNINHABITABLE ATTICS W/LIMITED STORAGE

EXTERIOR BALCONIES & DECKS:

GUARD IN-FILL COMPONENTS:

PASSENGER VEHICLE GARAGE:

ROOF, PER 301.6 (INC. SNOW):

ROOMS OTHER THAN SLEEPING ROOMS:

ADJUSTED FOR HEIGHT AND EXPOSURE):

2.4 ALLOWABLE LIVE LOAD DEFLECTION:

CEILING NOT ATTACHED TO RAFTERS

INTERIOR WALLS AND PARTITIONS

ALL OTHER STRUCTURAL MEMBERS

HABITABLE ATTICS & ATTICS W/FIXED STAIRS:

FLOOR ASSEMBLY:

2.2 LIVE LOAD:

FIRE ESCAPES:

GUARDS & HANDRAILS:

SLEEPING ROOMS:

2.3 WIND LOAD:

AND AS FOLLOWS:

FLOORS

FOLLOWS:

STRUCTURAL MEMBER

2.1 DEAD LOAD:

THE AUTHORITY HAVING JURISDICTION, AS DEFINED IN SECTION 103.1 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

PER 301.4, THE ACTUAL WEIGHTS OF MATERIALS AND CONSTRUCTION SHALL BE USED FOR

UNIFORMLY DISTRIBUTED LIVE LOADS SHALL BE PER TABLE R301.5 AND AS FOLLOWS* (IN PSF):

*SOME OF THE LOADS LISTED ABOVE MAY BE HIGHER THAN THOSE REQUIRED PER CODE.

WIND LOADS SHALL BE BASED ON THE ULTIMATE DESIGN WIND SPEED LISTED IN TABLE 301.2(1) AND

120 MPH. WIND LOADS WILL BE ALLOWED FOR IN: THE DESIGN LOAD PERFORMANCE REQUIREMENTS

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

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

ALL OF THE LOADS LISTED MAY NOT APPLY TO THE CURRENT PROJECT.

COMPONENT AND CLADDING LOADS WILL BE PER TABLE R301.2(2)

RAFTERS HAVING SLOPES GRATER THAN 3:12 WHIT FINISHED

CEILING WITH BRITTLE FINISHES (INCLUDING PLASTER AND STUCCO)

EXTERIOR WALLS-WIND LOAD WITH PLASTER OR STUCCO FINISHES

CEILING WITH FLEXIBLE FINISHES (INCLUDING GYPSUM BOARD)

EXTERIOR WALLS-WIND LOAD WITH OTHER BRITTLE FINISHES

EXTERIOR WALLS-WIND LOADS WITH FLEXIBLE FINISHES

LINTELS SUPPORTING MASONRY VENEER WALLS

2.5 CLIMATIC AND GEOGRAPHIC CRITERIA:

FOR WALL COVERINGS, ROOF COVERINGS, WINDOWS, SKYLIGHTS AND DOORS.

ALL OF THE LOADS LISTED MAY NOT APPLY TO THE CURRENT PROJECT.

DETERMINING DEAD LOAD; THE FOLLOWING APPROXIMATIONS (IN PSF) ARE USED FOR THIS PROJECT:

3.0 CONTRACTOR'S RESPONSIBILITIES:

THE CONTRACTOR SHALL:

• PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR A COMPLETE AND FINISHED

 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

• 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.

CARRY LIABILITY INSURANCE TO THE LIMITS REQUIRED BY THE AUTHORITY HAVING JURISDICTION

• BE CERTIFIED AS A LEAD SAFE FIRM BY THE EPA PER 40 CFR 745.226.

AND ISSUE CERTIFICATE(S) OF INSURANCE AS REQUIRED BY THE HOMEOWNER AND/OR THAT

 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

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 06830 TEL: (203) 622-7700 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*

(<42"H, 24"W)

200 (CONCENTRATED)

(HORIZONTAL)

(&2,000LB/20SI)

(& 300LB/4SI)

ALLOWABLE DEFLECTION

H/180

L/360

L/360

L240

L/360

H/120

L/600

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

ANY OTHER INSPECTIONS AS REQUIRED BY THE TOWN OF GREENWICH.

A SCHEDULE OF REQUIRED INSPECTIONS IS AVAILABLE FROM THE BUILDING DEPARTMENT OF THE *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

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.

PER 2021 RESIDENTIAL CODE OF CONNECTICUT, TABLE 301.2(1) (WIND) EXPOSURE CATEGORY: B CLIMATE ZONE: 5A SUBJECT TO DAMAGE FROM WIND DESIGN WINTER | ICE BARRIER | SNOW LOAD WIND SPEED TOPOGRAPHIC SPECIAL WINDBORNE DESIGN DESIGN UNDERLMNT. FREEZING FROST LINE HAZARDS EFFECTS WIND REGION DEBRIS ZONE CATEGORY WEATHERING TERMITE TEMP REQUIRED INDEX TEMP DEPTH 1,500 OR 30 PSF 120 NO SEVERE 3'-6'' MOD/HEAVY YES DETERMIN LESS

WOOD FRAMING:

STRUCTURAL FLOOR MEMBERS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF SECTION R502.

ALL FLOOR FRAMING, INCLUDING JOISTS, LEDGERS, HEADERS AND BLOCKING, IS TO BE 2X DOUGLAS FIR-LARCH NO. 2 OR HEM-FIR NO. 2, FB=850 PSI, 1.4E OR BETTER.

FLOOR FRAMING IS TO BE AT 16" (MAXIMUM) ON CENTER, OR AS OTHERWISE NOTED IN THE DRAWINGS.

AVOID NOTCHING (SEE CUTTING AND NOTCHING BELOW). PROVIDE SISTER MEMBERS AS REQUIRED.

FLOOR SHEATHING SHALL BE AVANTECH T&G SUBFLOOR FASTENED WITH 8D COMMON NAILS @ 6" O.C. AND AVANTECH SUBFLOOR ADHESIVE PER MANUFACTURERS INSTRUCTIONS AND SHALL CONFORM OF SECTION 502 OF THE RESIDENTIAL CODE.

LOAD BEARING WALLS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF

ALL LOAD BEARING WOOD FRAMED PARTITIONS INCLUDING STUDS, TOP AND BOTTOM PLATE AND BLOCKING, IS TO BE 2X DOUGLAS FIR-LARCH NO. 2 OR HEM-FIR NO. 2, FB=850 PSI, 1.4E OR BETTER.

WALL FRAMING IS TO BE AT 16" (MAXIMUM) ON CENTER, OR AS OTHERWISE NOTED IN THE DRAWINGS.

AVOID NOTCHING (SEE CUTTING AND NOTCHING BELOW). PROVIDE SISTER STUDS

EXCEPTION: BEARING STUDS NOT SUPPORTING FLOORS AND NONBEARING STUDS SHALL BE PERMITTED TO BE UTILITY GRADE LUMBER, PROVIDED THAT THE STUDS ARE

SPACED AT 16" O.C. MINIMUM.

BOTTOM (SOLE) PLATE: STUDS SHALL HAVE FULL BEARING ON A NOMINAL 2-BY (51 MM) OR LARGER PLATE OR SILL HAVING A WIDTH NOT LESS THAN TO THE WIDTH OF THE STUDS.

TOP PLATE:

AS REQUIRED.

WOOD STUD WALLS SHALL BE CAPPED WITH A DOUBLE TOP PLATE INSTALLED TO PROVIDE OVERLAPPING AT CORNERS AND INTERSECTIONS WITH BEARING PARTITIONS. END JOINTS IN TOP PLATES SHALL BE OFFSET NOT LESS THAN 24 INCHES (610 MM). JOINTS IN PLATES NEED NOT OCCUR OVER STUDS. PLATES SHALL BE NOT LESS THAN 2-INCHES (51 MM) NOMINAL THICKNESS AND HAVE A WIDTH NOT LESS THAN THE WIDTH OF THE STUDS.

AVOID NOTCHING (SEE CUTTING AND NOTCHING BELOW). PROVIDE SISTER MEMBERS AS REQUIRED.

WALL SHEATHING SHALL BE MINIMUM 1/2" WOOD STRUCTURAL PANEL ,ZIP SYSTEM, PER MANUFACTURERS INSTRUCTIONS HARDIE PLANK LAP SIDING AND SHALL CONFORM OF SECTION 602 OF THE RESIDENTIAL CODE.

ROOF-CEILING CONSTRUCTION:

PER SECTION 803 OF THE RESIDENTIAL CODE.

ROOF FRAMING SHALL CONFORM TO THE APPLICABLE PROVISIONS OF SECTION

ALL ROOF FRAMING, INCLUDING RAFTERS, COLLAR TIES, RAFTER TIES AND CEILING JOISTS, IS TO BE 2X, DOUGLAS FIR-LARCH NO. 2 OR HEM-FIR NO. 2, FB=850 PSI, 1.4E,

ROOF FRAMING IS TO BE AT 16" (MAXIMUM) ON CENTER, OR AS OTHERWISE NOTED IN THE DRAWINGS.

AVOID NOTCHING (SEE CUTTING AND NOTCHING BELOW). PROVIDE SISTER MEMBERS AS REQUIRED.

ROOF SHEATHING SHALL BE ZIP SYSTEM 5/8" SHEATHING AND SHALL CONFORM



EXISTING CONDITION - SECOND FLOOR FRAMING



EXISTING CONDITION - SECON FLO REPRESENTED FRAMING

STATEMENT OF DESIGN I ROLL SSIC N. L

LIST OF DRAWINGS			
<u>SHEET</u>	DRAWING NAME	DATE	REVISION
C-01	COVER SHEET	09.10.2024	03.04.2025
S-01	DETAILS	09.10.2024	03.04.2025
		4	1



GREENWICH, CT 06830 (TOWN OF GREENWICH)

CLIENT:

EMAIL:

PROPERTY ADDRESS:

DATE: ISSUE: 09.10.2024 PRELIMINARY 11.05.2024 FOR PERMIT

5

03.06.2025 AS BUILT

PROJECT NAME: RECONSTRUCTION OF **GARAGE STAIRS**

DRAWING NAME:

COVER SHEET

DRAWING NUMBER:

09.10.2024 **SCALE:**

AS NOTED

DATE:

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

THIS DRAWING IS AS A SAMPLE ONLY * PERSONAL (CLIENT) INFORMATION WITHHELD

CT ECO MAPS

