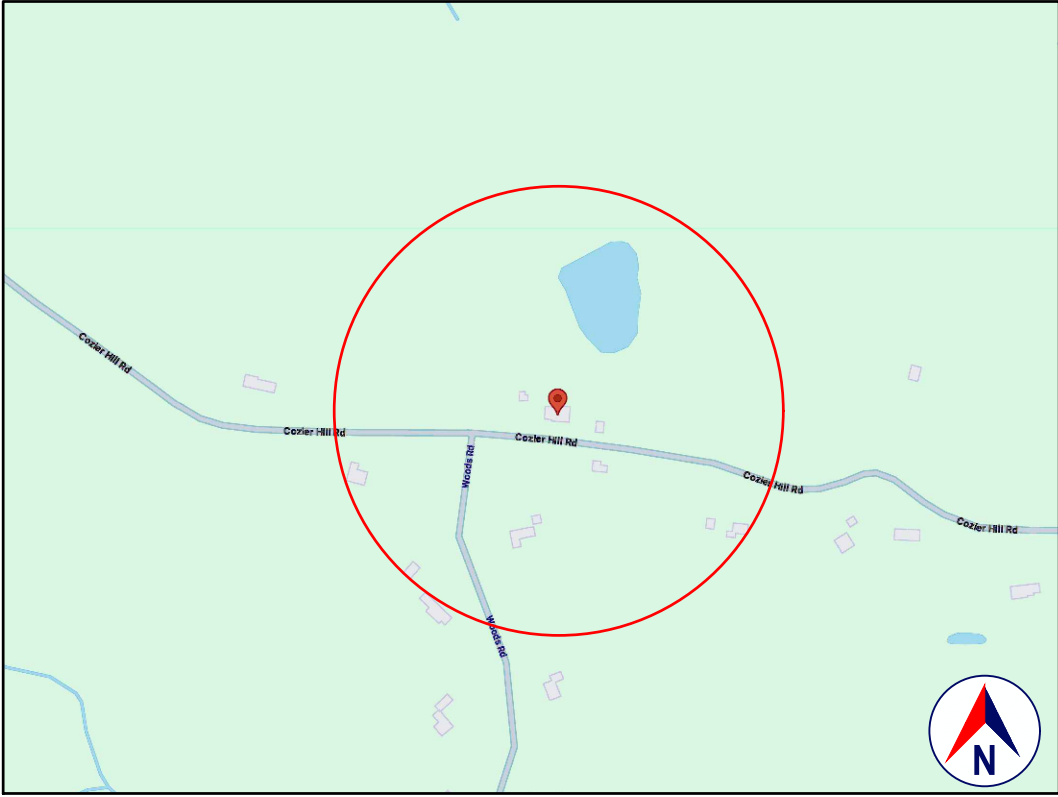


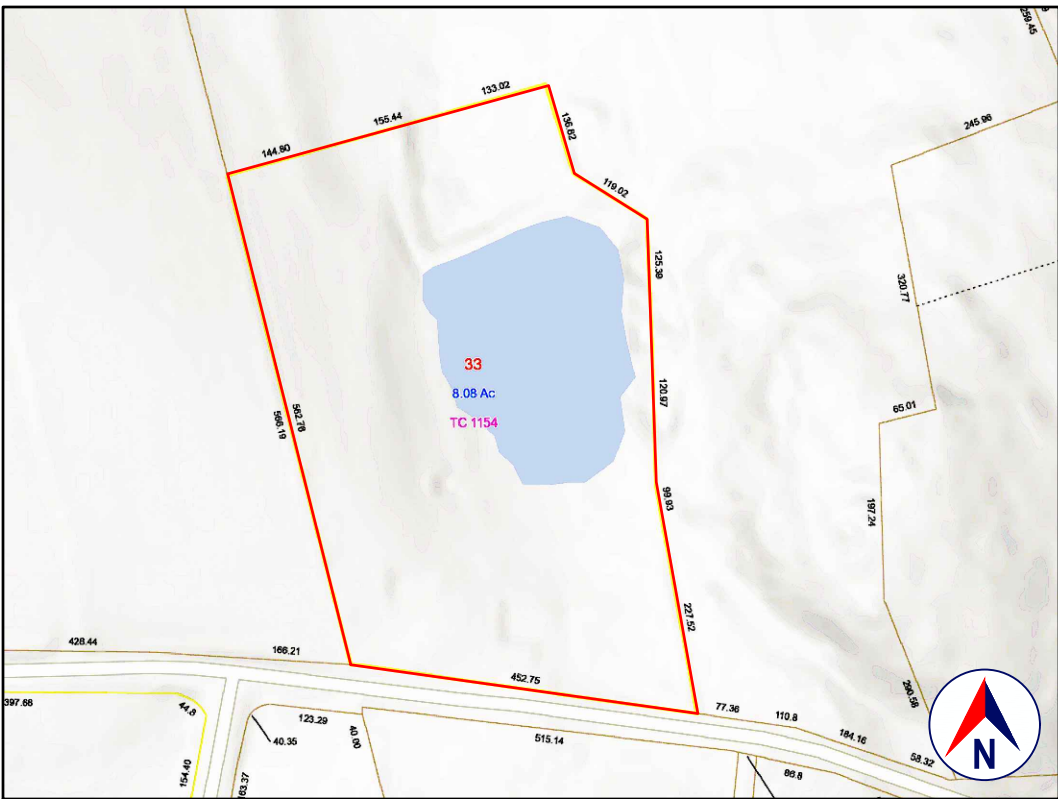


LOCATION
GOOGLE MAPS

***, SHERMAN



SATELLITE VIEW
GOOGLE EARTH



TAX MAP
AXISGIS.COM

TAX ID: ***



FRONT VIEW
GOOGLE STREET VIEW

1.0 GENERAL REQUIREMENTS:

1.1 PROJECT SCOPE:

INVESTIGATE & EVALUATE STRUCTURAL DAMAGE; RECOMMEND RETROFIT AS REQUIRED.

1.2 DESIGN INTENT:

THE INVOLVEMENT OF OLIVER ENGINEERING IN THIS PROJECT IS: EVALUATE STRUCTURE; PROVIDE REPORT.

IT IS THE INTENT OF THESE 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 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:

ALL PROPOSED WORK IS OUTSIDE THE EXISTING BUILDING ENVELOPE.

THIS IS TO PROVIDE FOR, AND GIVE DETAILS OF, A STRUCTURAL INSPECTION ONLY; IT DOES NOT CONSTITUTE, IN ITS CURRENT FORMAT, A CONSTRUCTION DOCUMENT. APPLICABLE CODES, PERMIT REQUIREMENTS AND INSPECTIONS, AS MAY BE NOTED HEREIN, MAY APPLY TO ANY WORK PERFORMED SUBSEQUENT TO THE INSPECTION.

1.5 ZONING, OCCUPANCY AND USE:

YEAR BUILT: 1760 (PER ZILLOW)
ZONING: ZONE A - FARM RESIDENCE ZONE
OCCUPANCY CLASSIFICATION: RESIDENTIAL GROUP R-3 *
EXISTING USE: SINGLE FAMILY
PROPOSED USE: SINGLE 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: NOT APPLICABLE TO THESE DRAWINGS.
- PLUMBING: NOT APPLICABLE TO THESE DRAWINGS.
- ELECTRICAL: NOT APPLICABLE TO THESE DRAWINGS.
- DRAINAGE: NOT APPLICABLE TO THESE DRAWINGS.
- MAINTENANCE: NOT APPLICABLE TO THESE DRAWINGS
- MUNICIPAL: CODE OF THE TOWN OF SHERMAN.
- 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 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 SHERMAN.

THE DULY APPOINTED BUILDING OFFICIAL OF THE TOWN OF SHERMAN 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 301.4, 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 W/LIMITED 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/20SI)
ROOMS OTHER THAN SLEEPING ROOMS:	40	
SLEEPING ROOMS:	40	
STAIRS:	40	(& 300LB/4SI)
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 GREATER THAN 3:12 WHIT FINISHED	L/180
CEILING NOT ATTACHED TO RAFTERS	H/180
INTERIOR WALLS AND PARTITIONS	L/360
FLOORS	L/360
CEILING WITH BRITTLE FINISHES (INCLUDING PLASTER AND STUCCO)	L/240
CEILING WITH FLEXIBLE FINISHES (INCLUDING GYPSUM BOARD)	L/240
ALL OTHER STRUCTURAL MEMBERS	L/360
EXTERIOR WALLS-WIND LOAD WITH PLASTER OR STUCCO FINISHES	H/240
EXTERIOR WALLS-WIND LOAD WITH OTHER BRITTLE FINISHES	H/120
EXTERIOR WALLS-WIND LOADS WITH FLEXIBLE FINISHES	L/600
LINTELS SUPPORTING MASONRY VENEER WALLS	L/600

2.5 CLIMATIC AND GEOGRAPHIC CRITERIA:

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

PER 2021 RESIDENTIAL CODE OF CONNECTICUT, TABLE 301.2(1)						(WIND) EXPOSURE CATEGORY: B				CLIMATE ZONE: 5A			
WIND DESIGN						SUBJECT TO DAMAGE FROM							
GROUND SNOW LOAD	WIND SPEED MPH	TOPOGRAPHIC EFFECTS	SPECIAL WIND REGION	WINDBORNE DEBRIS ZONE	SEISMIC DESIGN CATEGORY	WEATHERING	FROST LINE DEPTH	TERMITE	WINTER DESIGN TEMP	ICE BARRIER UNDER/MNT. REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
30 PSF	120	NO	NO	NO	C	SEVERE	3'-6"	MOD/HEAVY	7°	YES	TO BE DETERMINATED	1,600 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:

- SUCH PERSON OR ENTITY HAS APPLIED TO THE TOWN OF SHERMAN FOR A BUILDING PERMIT,
- THE TOWN OF SHERMAN HAS ISSUED A BUILDING PERMIT AUTHORIZING SUCH WORK,
- SUCH BUILDING PERMIT HAS NOT BEEN REVOKED OR SUSPENDED, AND
- 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 SHERMAN.

9 RT 39 NORTH, PO BOX 39

SHERMAN, CT 06784

TEL: (860) 516-7143

EMAIL: bmurphy@shermanct.gov

WEB SITE: https://www.townofshermanct.org/entities/building-department

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 SHERMAN 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 SHERMAN:

- 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 SHERMAN.

ALL OF THE ABOVE INSPECTION MAY NOT BE REQUIRED FOR THIS, OR ANY GIVEN, PROJECT. A SCHEDULE OF REQUIRED INSPECTIONS IS AVAILABLE FROM THE BUILDING DEPARTMENT OF THE TOWN OF SHERMAN.

*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
CLIENT-PROVIDED IMAGE



EXISTING CONDITION
CLIENT-PROVIDED IMAGE



EXISTING CONDITION
08.30.2025



EXISTING CONDITION
08.30.2025



EXISTING CONDITION
08.30.2025

STATEMENT OF DESIGN PROFESSIONAL:

THESE PLANS HAVE BEEN PREPARED IN CONFORMANCE WITH THE 2021 INTERNATIONAL RESIDENTIAL CODE PORTION OF THE CONNECTICUT STATE BUILDING CODE (INTERNATIONAL RESIDENTIAL CODE 2021 WITH AMENDMENTS).

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

LIST OF DRAWINGS			
SHEET	DRAWING NAME	DATE	REVISION
C-01	COVER SHEET	00.06.2025	
C-01	LAYOUT	00.06.2025	

PROPERTY ADDRESS:

SHERMAN, CT 06784
(TOWN OF SHERMAN
BUILDING DEPARTMENT)

TAX ID:

CLIENT:

*** ***

TEL:

EMAIL:

DATE:

00.06.2025

ISSUE:

PRELIMINARY

PROJECT NAME:

STRUCTURAL INSPECTION

DRAWING NAME:

COVER SHEET

DRAWING NUMBER:

C-01

DATE:

00.06.2025

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 SHERMAN.

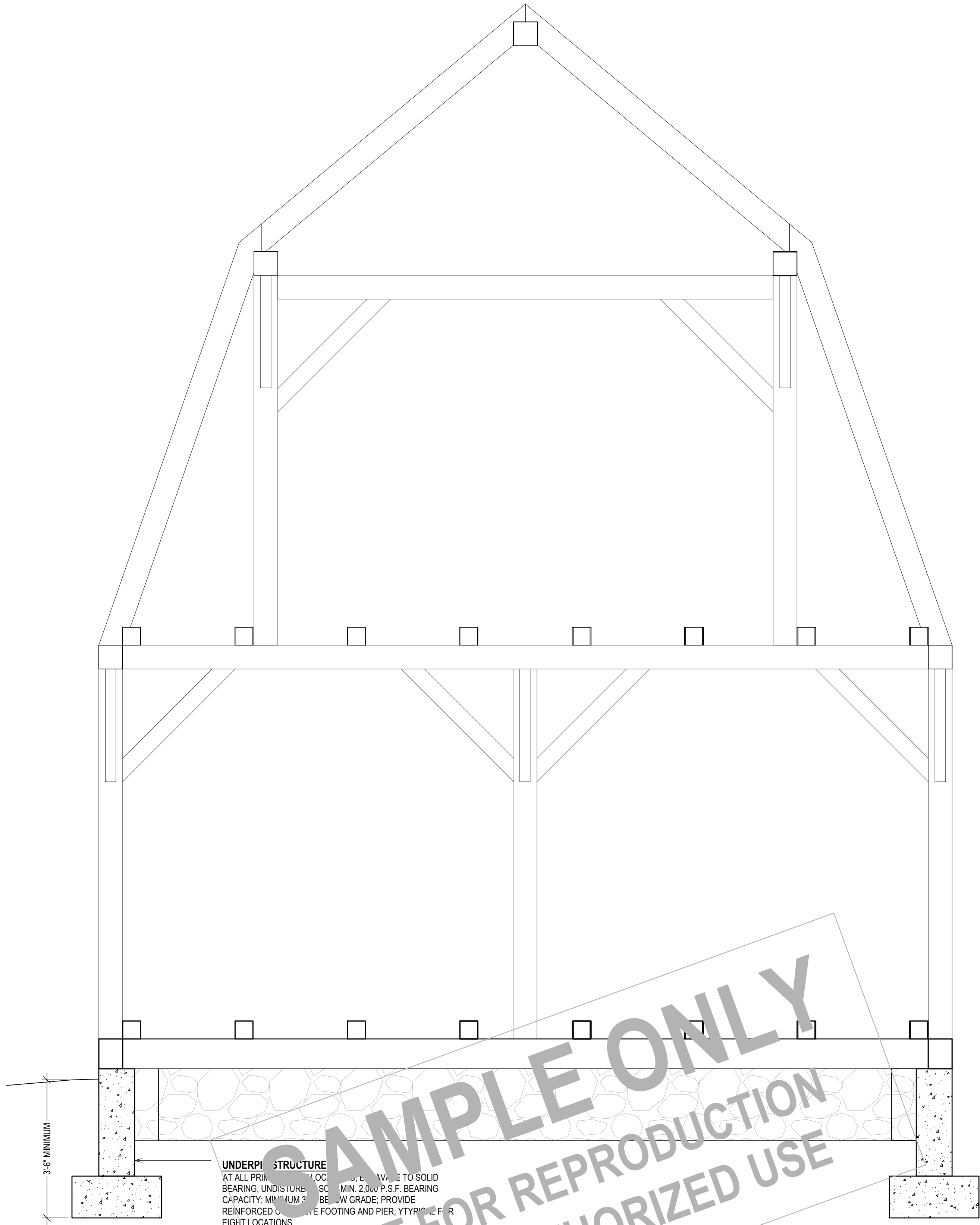
Oliver Engineering, P.C.

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



UNDERPIN STRUCTURE
AT ALL PRIMARY POST LOCATIONS, EXCAVATE TO SOLID BEARING, UNDISTURBED SOIL, MIN. 2,000 P.S.F. BEARING CAPACITY; MINIMUM 3'-6" BELOW GRADE; PROVIDE REINFORCED CONCRETE FOOTING AND PIER; TYPICAL FOR EIGHT LOCATIONS.

BARN (PRIMARY) STRUCTURE
SECONDARY STRUCTURE NOT SHOWN FOR CLARITY; MODEL IS CONCEPTUAL ONLY; CONFIRM ALL STRUCTURE LOCATION AND LAYOUT.



SECTION THRU BARN (PRIMARY) STRUCTURE
SECONDARY STRUCTURE NOT SHOWN FOR CLARITY; MODEL IS CONCEPTUAL ONLY; CONFIRM ALL STRUCTURE LOCATION AND LAYOUT.

UNDERPIN STRUCTURE
AT ALL PRIMARY POST LOCATIONS, EXCAVATE TO SOLID BEARING, UNDISTURBED SOIL, MIN. 2,000 P.S.F. BEARING CAPACITY; MINIMUM 3'-6" BELOW GRADE; PROVIDE REINFORCED CONCRETE FOOTING AND PIER; TYPICAL FOR EIGHT LOCATIONS.

PROPERTY ADDRESS:

SHERMAN, CT 06784
(TOWN OF SHERMAN
BUILDING DEPARTMENT)

TAX ID:

CLIENT:
*** ***

TEL: ***
EMAIL: ***

DATE: 00.06.2025
ISSUE: PRELIMINARY

PROJECT NAME:
STRUCTURAL INSPECTION

DRAWING NAME:
LAYOUT

DRAWING NUMBER:
S-02

DATE:
00.06.2025
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
SHERMAN.