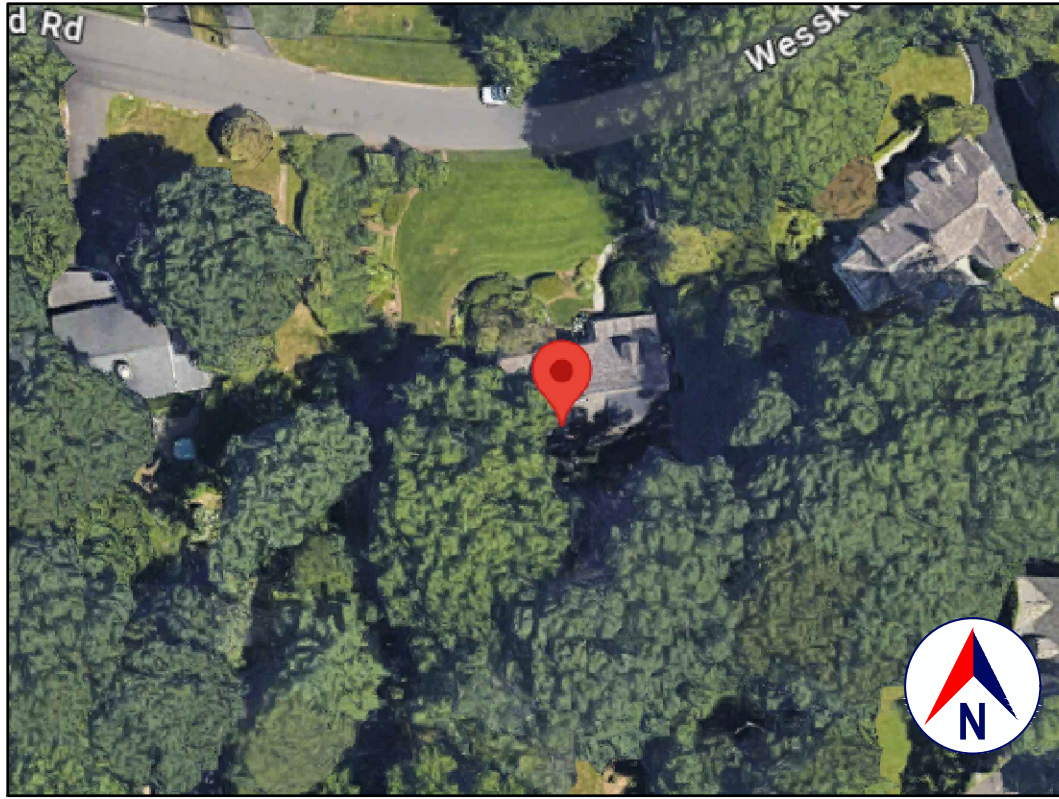
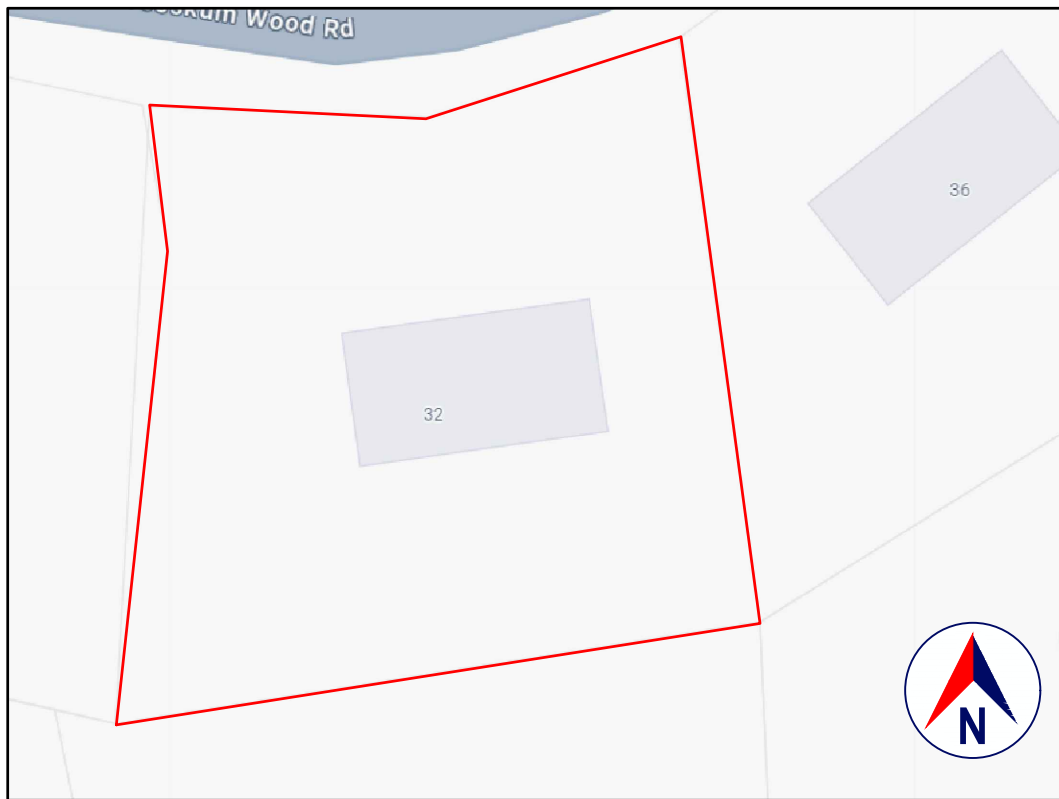


LOCATION
GOOGLE MAPS



SATELLITE VIEW
GOOGLE EARTH



TAX MAP
CT ECO MAP



FRONT VIEW
GOOGLE STREET VIEW

1.0 GENERAL REQUIREMENTS:

1.1 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 OPERATION.

THESE (STRUCTURAL) DRAWINGS ARE NOT INTENDED TO ADDRESS: ZONING; DRAINAGE; GRADING; OR OTHER SITE ISSUES.

REFER TO THE SITE PLAN AND ENGINEERING DRAWINGS FOR ALL SITE-RELATED ISSUES.

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 NON-STRUCTURAL ISSUES.

REFER TO CHRIS SNYDER ARCHITECTURE & DESIGN ARCHITECTURAL 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.

1.2 SCOPE AND CLASSIFICATION:

THIS IS A PROPOSED ADDITION, AS DEFINED IN THE 2021 INTERNATIONAL EXISTING BUILDING CODE PORTION OF THE 2022 CONNECTICUT STATE BUILDING CODE; PER CHAPTER 11 OF THAT CODE: AN ADDITION TO A BUILDING OR STRUCTURE SHALL COMPLY WITH THE INTERNATIONAL CODES AS ADOPTED FOR NEW CONSTRUCTION WITHOUT REQUIRING THE EXISTING BUILDING OR STRUCTURE TO COMPLY WITH ANY REQUIREMENTS OF THOSE CODES OR OF THESE PROVISIONS, EXCEPT AS REQUIRED BY THIS CHAPTER, WHERE AN ADDITION IMPACTS THE EXISTING BUILDING OR STRUCTURE, THAT PORTION SHALL COMPLY WITH THIS CODE.

CONSTRUCTION TYPE: TYPE V-B, AS DEFINED IN TABLE 601

YEAR BUILT: 1931 (PER ZILLOW)

OCCUPANCY CLASSIFICATION: DETACHED ONE-FAMILY DWELLING STRUCTURE

ARCHITECTURAL REVIEW: REFER TO ARCHITECTURAL DRAWINGS

1.3 COMPLIANCE:

ALL WORK SHALL BE IN COMPLIANCE WITH:

- THE 2021 INTERNATIONAL RESIDENTIAL CODE PORTION OF THE 2022 CONNECTICUT STATE BUILDING CODE AND ALL OTHER CODES REFERENCED THEREIN.
- THE 2021 INTERNATIONAL EXISTING BUILDING CODE PORTION OF THE 2022 CONNECTICUT STATE BUILDING CODE.
- CHAPTER 6, LAND USE, OF THE TOWN OF GREENWICH MUNICIPAL CODE.
- ALL OTHER REFERENCED CODES AND ALL OTHER CODES AND REGULATIONS, LOCAL, STATE AND FEDERAL, THAT APPLY.

1.4 AUTHORITY HAVING JURISDICTION:

THE AUTHORITY HAVING JURISDICTION, AS DEFINED IN 103.1 OF THE BUILDING 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. 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.
- 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.
- HAVE CONTROL OVER AND SUPERVISE, COORDINATE AND DIRECT THE WORK, INCLUDING THAT OF HIS SUBCONTRACTORS, AND SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR JOBSITE SAFETY.
- 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 REGISTERED WITH THE STATE OF CONNECTICUT DEPARTMENT OF CONSUMER PROTECTION.
- 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.

3. 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.

4. 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:

DEPARTMENT OF PUBLIC WORKS, DIVISION OF BUILDING INSPECTION
TOWN HALL - 101 FIELD POINT ROAD, GREENWICH, CT 06830
TEL: (913) 992-8910
EMAIL: bldginsp@greenwichct.org
WEBSITE: www.greenwichct.gov/195/Building-Inspection

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.

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.

WOOD FRAMING

FLOOR FRAMING:

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

WALL FRAMING:

LOAD BEARING WALLS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF SECTION R602.

INTERNAL LOAD BEARING WOOD FRAMED PARTITIONS ARE TO BE 2X4 WOOD STUDS, DOUGLAS FIR-LARCH NO. 2 OR HEM-FIR NO. 2, FB-850 PSI, 1.4E OR BETTER, AT 16" (MAXIMUM) ON CENTER, OR AS OTHERWISE NOTED IN THE DRAWINGS.

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

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 BEARINGS 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: 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.

ROOF-CEILING CONSTRUCTION:

ROOF FRAMING SHALL CONFORM TO THE APPLICABLE PROVISIONS OF SECTION R802.

ALL ROOF FRAMING, INCLUDING RAFTERS, COLLAR TIES, RAFTER TIES AND CEILING JOISTS, IS TO BE 2X WOOD JOISTS, DOUGLAS FIR-LARCH NO. 2 OR HEM-FIR NO. 2, FB-850 PSI, 1.4E, OR BETTER, AT 16" (MAXIMUM) ON CENTER, OR AS OTHERWISE NOTED IN THE DRAWINGS.

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

CUTTING, DRILLING AND NOTCHING FOR WIRES AND PIPES:

WOOD-FRAMED STRUCTURAL MEMBERS SHALL NOT BE DRILLED, NOTCHED OR ALTERED IN ANY MANNER EXCEPT AS PROVIDED IN SECTIONS R502.8, R602.6, R802.7 AND R802.7.1 OF THE RESIDENTIAL CODE.

LOADING:

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
WALL ASSEMBLY:	10
ROOF /CEILING ASSEMBLY:	20
FLOOR ASSEMBLY:	15
EXTERIOR DECK	0

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

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/2050)
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.

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)

CLIMATE AND GEOGRAPHIC DESIGN CRITERIA												
LOCATION: TOWN OF GREENWICH						ZIP CODE: 06878						
PER 2021 IRC OF CONNECTICUT STATE, TABLE 301.2(1)						(WIND) EXPOSURE CATEGORY: B			CLIMATE ZONE: 5A			
GROUND SURFACE WIND DIRECTION	WIND DESIGN		DESIGN WIND DIRECTION CATEGORY	SUBJECT TO DAMAGE FROM				WINTER DESIGN TEMP	ICE BARBERS UNDESIRABLE REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL SNOW
	ULTIMATE DESIGN WIND SPEED (MPH)	WIND DIRECTION CATEGORY		WEATHERING	FROST LINE DEPTH	TERMITES	WIND DESIGN TEMP					
30 PSF	120	NO	B	SEVERE	144"	MOD/HEAVY	79°F	YES	TO BE DETERMINED	1500 OR LESS	50°F	50"

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.

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 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 TO THE SAFETY OF WORKERS, SOIL TYPES, PROTECTIVE SYSTEMS REQUIRED, AND WHO IS AUTHORIZED TO TAKE PROMPT CORRECTIVE ACTION TO PREVENT THESE HAZARDS AND CONDITIONS.

EXCAVATION -LOCATING UTILITIES SHALL BE:

CONNECTICUT STATE LAW (PUBLIC ACT 753) REQUIRES ALL EXCAVATIONS TO BE A LOCATION REQUEST WITH DIG SAFELY NEW YORK 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. ELECTRIC UTILITIES, THE EXCAVATOR MAY CALL 811 TO PLACE THE LOCATION REQUEST.

- NOTIFY: NOTIFY 811 ONLINE WITH ELECTRIC UTILITIES 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 WITH CAUTION: DIG CAREFULLY AROUND BURIED UTILITIES.

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, BUTTRESSES, 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:	3/4"
WALLS:	1"
COLUMNS:	1 1/2"
ALL CONCRETE EXPOSED TO WEATHER OR EARTH:	2"
ALL CONCRETE PLACED AGAINST EARTH:	3"

REINFORCING STEEL:

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

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 50.

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 THE 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

TRUSS TYPE CONSTRUCTION

UTILIZATION:

THE UTILIZATION OF TRUSS-TYPE CONSTRUCTION, PRE-ENGINEERED WOOD CONSTRUCTION AND/OR TIMBER CONSTRUCTION IN RESIDENTIAL STRUCTURES IS SUBJECT TO THE REQUIREMENTS OF TITLE19 OF THE NEW YORK CODES, RULES AND REGULATIONS (IRC), PART 1265:

ANY PERSON UTILIZING TRUSS TYPE, PRE-ENGINEERED WOOD OR TIMBER CONSTRUCTION FOR THE ERECTION OF ANY NEW RESIDENTIAL STRUCTURE, FOR ANY ADDITION TO AN EXISTING RESIDENTIAL STRUCTURE, OR FOR ANY REHABILITATION OF AN EXISTING RESIDENTIAL STRUCTURE, SHALL, UPON APPLICATION FOR A BUILDING PERMIT WITH THE LOCAL GOVERNMENT HAVING JURISDICTION, INCLUDE ON THE PERMIT APPLICATION THAT TRUSS TYPE, PRE-ENGINEERED WOOD OR TIMBER CONSTRUCTION IS BEING UTILIZED, AND THAT THE PROPERTY OWNER OR THE PROPERTY OWNER'S REPRESENTATIVE SHALL COMPLETE A FORM PRESCRIBED BY THE STATE FIRE PREVENTION AND BUILDING CODE COUNCIL (HEREINAFTER REFERRED TO AS THE CODE COUNCIL) DESIGNATING THE STRUCTURE AS TRUSS TYPE, PRE-ENGINEERED WOOD OR TIMBER CONSTRUCTION AND FILE SUCH FORM WITH THE APPLICATION FOR A BUILDING PERMIT.



REQUIRED SIGN:

REQUIRED SIGN:

AS A CONDITION OF THE RECEIPT OF A CERTIFICATE OF OCCUPANCY, A SIGN OR SYMBOL, DESIGNED AND APPROVED BY THE CODE COUNCIL SHALL BE AFFIXED TO THE ELECTRIC BOX ATTACHED TO THE EXTERIOR OF THE RESIDENTIAL STRUCTURE, AS PROVIDED.

HOWEVER:

IF AFFIXING THE SIGN OR SYMBOL TO THE ELECTRIC BOX WOULD OBSCURE ANY METER ON THE ELECTRIC BOX, OR IF THE UTILITIES PROVIDING ELECTRIC SERVICE TO THE RESIDENTIAL STRUCTURE REQUEST ALL THE SIGN OR SYMBOL TO BE AFFIXED TO THE ELECTRIC BOX, THE SIGN OR SYMBOL SHALL BE AFFIXED TO THE EXTERIOR WALL OF THE RESIDENTIAL STRUCTURE AT A POINT IMMEDIATELY ADJACENT TO THE ELECTRIC BOX, AND:

NO ELECTRIC BOX IS ATTACHED TO THE EXTERIOR OF THE RESIDENTIAL STRUCTURE OR IF, IN THE OPINION OF THE AUTHORITY HAVING JURISDICTION, THE ELECTRIC BOX ATTACHED TO THE EXTERIOR OF THE STRUCTURE IS NOT LOCATED IN A PLACE LIKELY TO BE SEEN BY FIREFIGHTERS OR OTHER FIRST RESPONDERS RESPONDING TO A FIRE OR OTHER EMERGENCY AT THE RESIDENTIAL STRUCTURE, THE SIGN OR SYMBOL SHALL BE AFFIXED TO THE EXTERIOR OF THE STRUCTURE IN A LOCATION APPROVED BY THE BUILDING OFFICIAL OF THE TOWN OF GREENWICH AS A LOCATION LIKELY TO BE SEEN BY FIREFIGHTERS OR OTHER FIRST RESPONDERS RESPONDING TO A FIRE OR OTHER EMERGENCY AT THE RESIDENTIAL STRUCTURE.

STATEMENT OF DESIGN PROFESSIONAL:

THESE PLANS HAVE BEEN PREPARED IN CONFORMANCE WITH THE 2021 RESIDENTIAL CODE OF STATE OF CONNECTICUT.

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

LIST OF STRUCTURAL DRAWINGS			
SHEET	DRAWING NAME	DATE	REVISION
C-01	COVER SHEET	11.21.2023	11.08.2024
S-01	BASEMENT	11.21.2023	11.08.2024
S-02	FIRST FLOOR	11.21.2023	11.08.2024
S-03	SECOND FLOOR	11.21.2023	11.08.2024
S-04	ROOF FRAMING	11.21.2023	11.08.2024
S-05	FRAMING DETAILS	11.21.2023	11.08.2024

Architect:
Chris Snyder Architecture & Design

21 Quinlard Avenue, Unit 1A
Norwalk, CT 06854
(603) 667-6924

Oliver Engineering, P.C.
Design - Permit Applications - Legalizations
Code Compliance - Project Supervision
188 North Main Street | Port Chester, NY 10573
(914) 774-5878 | www.proeng.nyc | vc@proeng.nyc

PROPERTY ADDRESS:

GREENWICH, CT 06878
(TOWN OF GREENWICH BUILDING DEPARTMENT)

TAX ID:

CLIENT:

*** ***

DATE: ISSUE:

11.21.2023
05.28.2024 FOR PERMIT

11.08.2024 FOR CONSTRUCTION

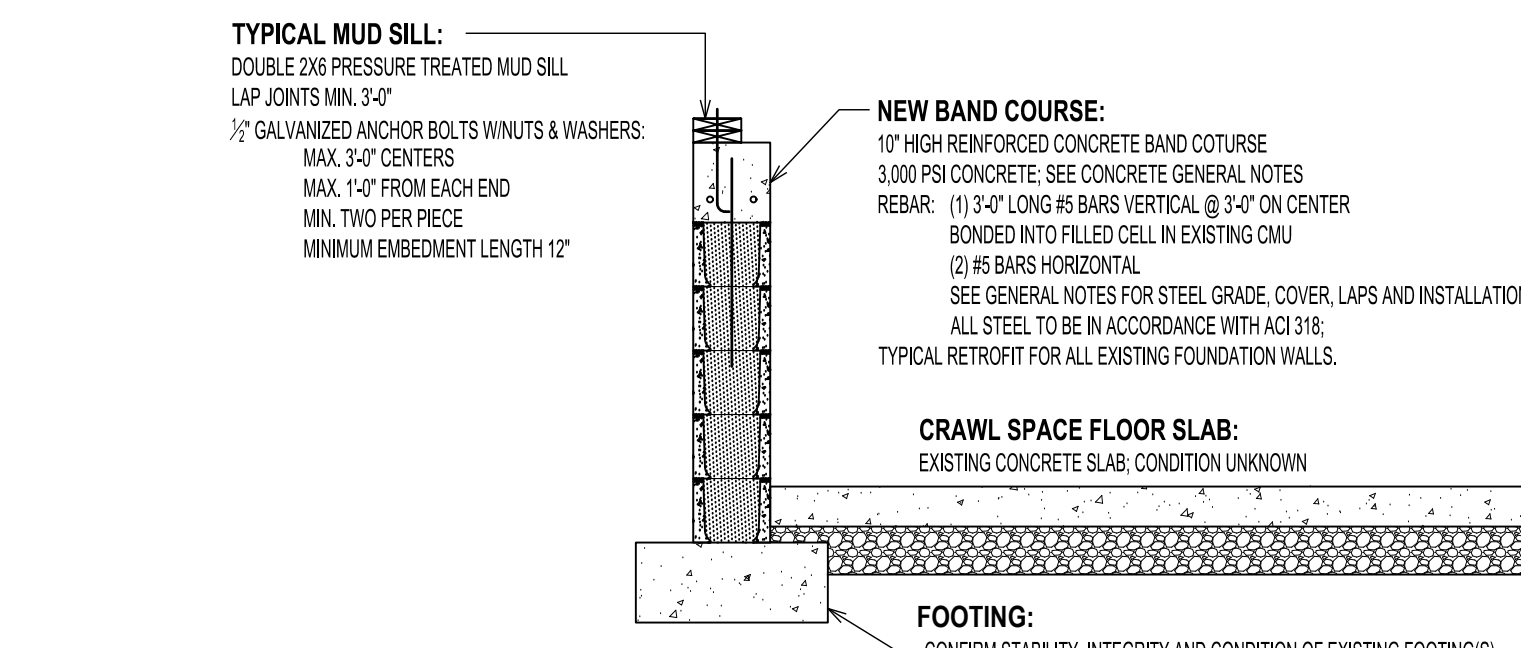
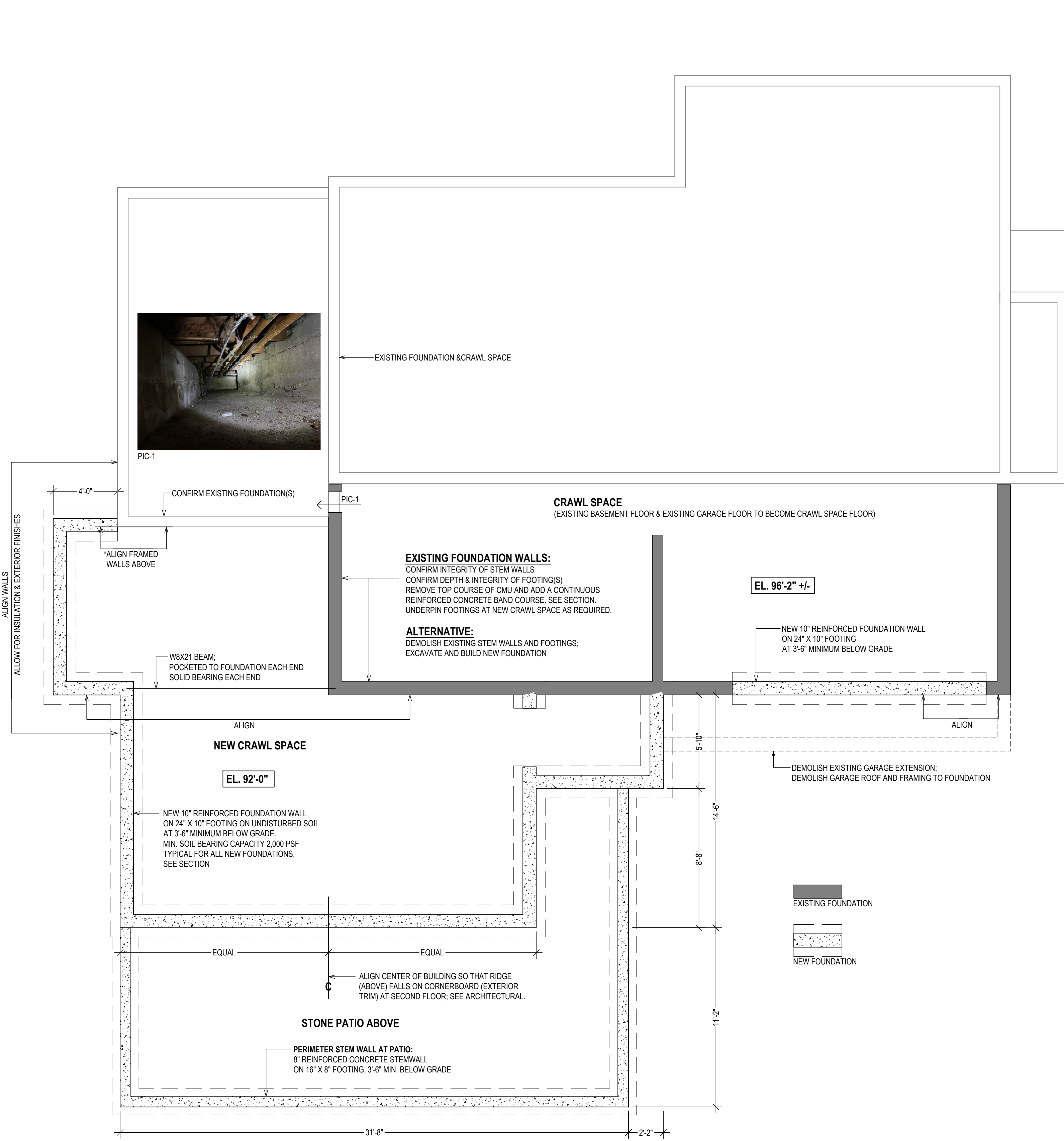
PROJECT NAME:
STRUCTURAL DESIGN & DRAWINGS

DRAWING NAME:
COVER SHEET

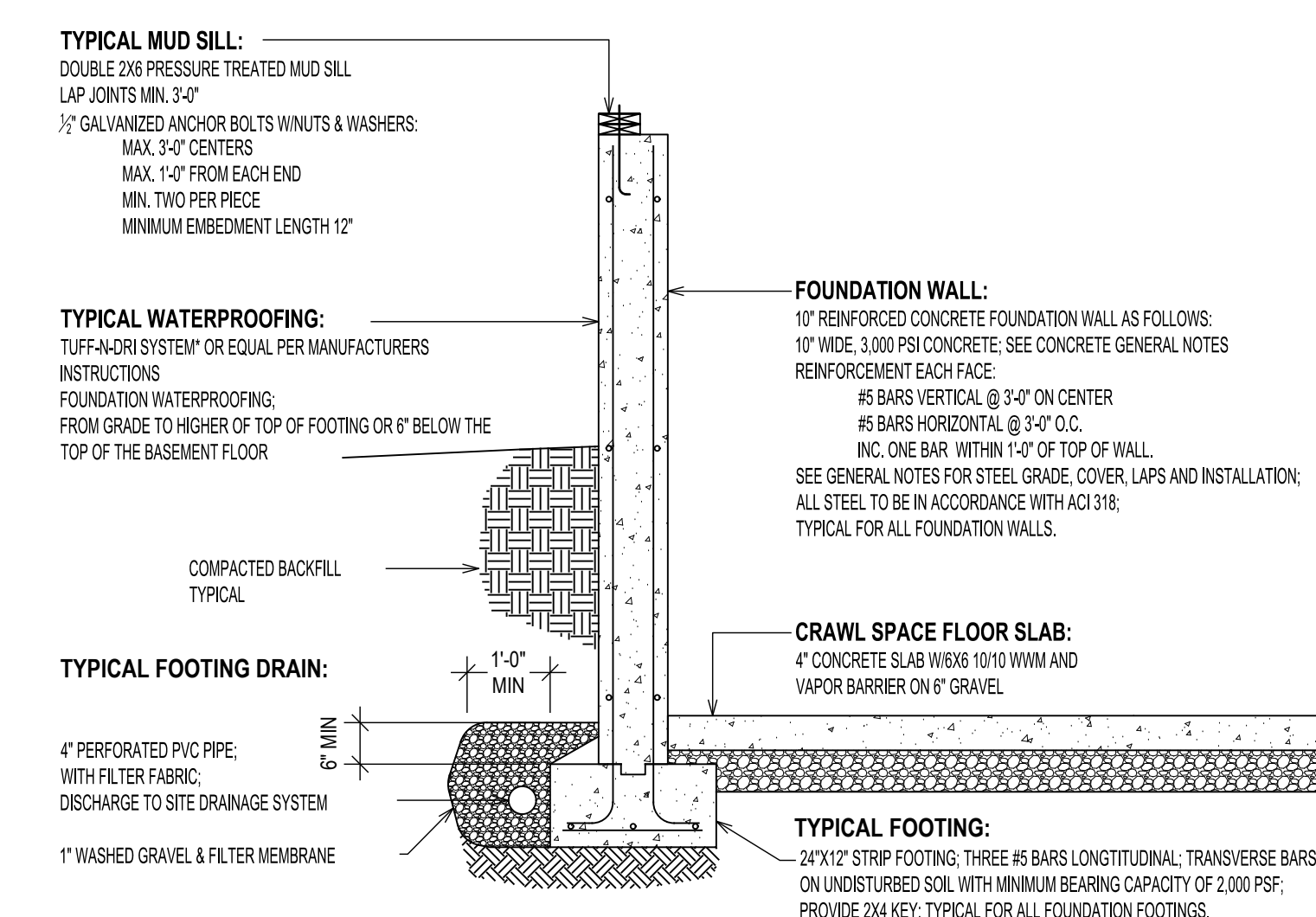
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C.01

SCALE:
AS NOTED

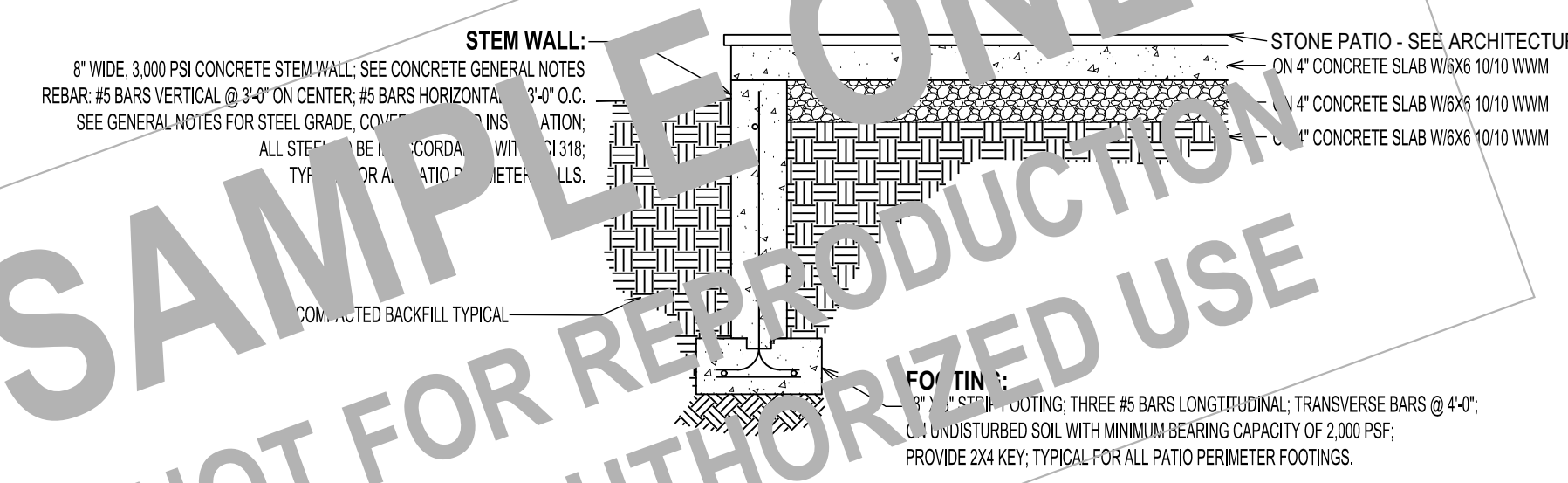
NOTE:
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SECTION AT EXISTING FOUNDATION
1/2" = 1'-0"
COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL.
PROVIDE THERMAL AND MOISTURE PROTECTION PER ARCHITECTURAL DRAWINGS.



SECTION AT NEW FOUNDATION
1/2" = 1'-0"
COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL.
PROVIDE THERMAL AND MOISTURE PROTECTION PER ARCHITECTURAL DRAWINGS.



SECTION AT PATIO PERIMETER
1/2" = 1'-0"
COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL

Architect:
Chris Snyder Architecture & Design
21 Quinard Avenue, Unit 1A
Norwalk, CT 06854
(803) 667-6924

Oliver Engineering, P.C.
Design - Permit Applications - Legalizations
Code Compliance - Project Supervision
188 North Main Street | Port Chester, NY 10573
(914) 774-5878 | www.proeng.nyc | vc@proeng.nyc

PROPERTY ADDRESS:

GREENWICH, CT 06878
(TOWN OF GREENWICH BUILDING DEPARTMENT)
TAX ID:

CLIENT:
*** ***

DATE: 11.21.2023
05.28.2024
ISSUE: FOR PERMIT

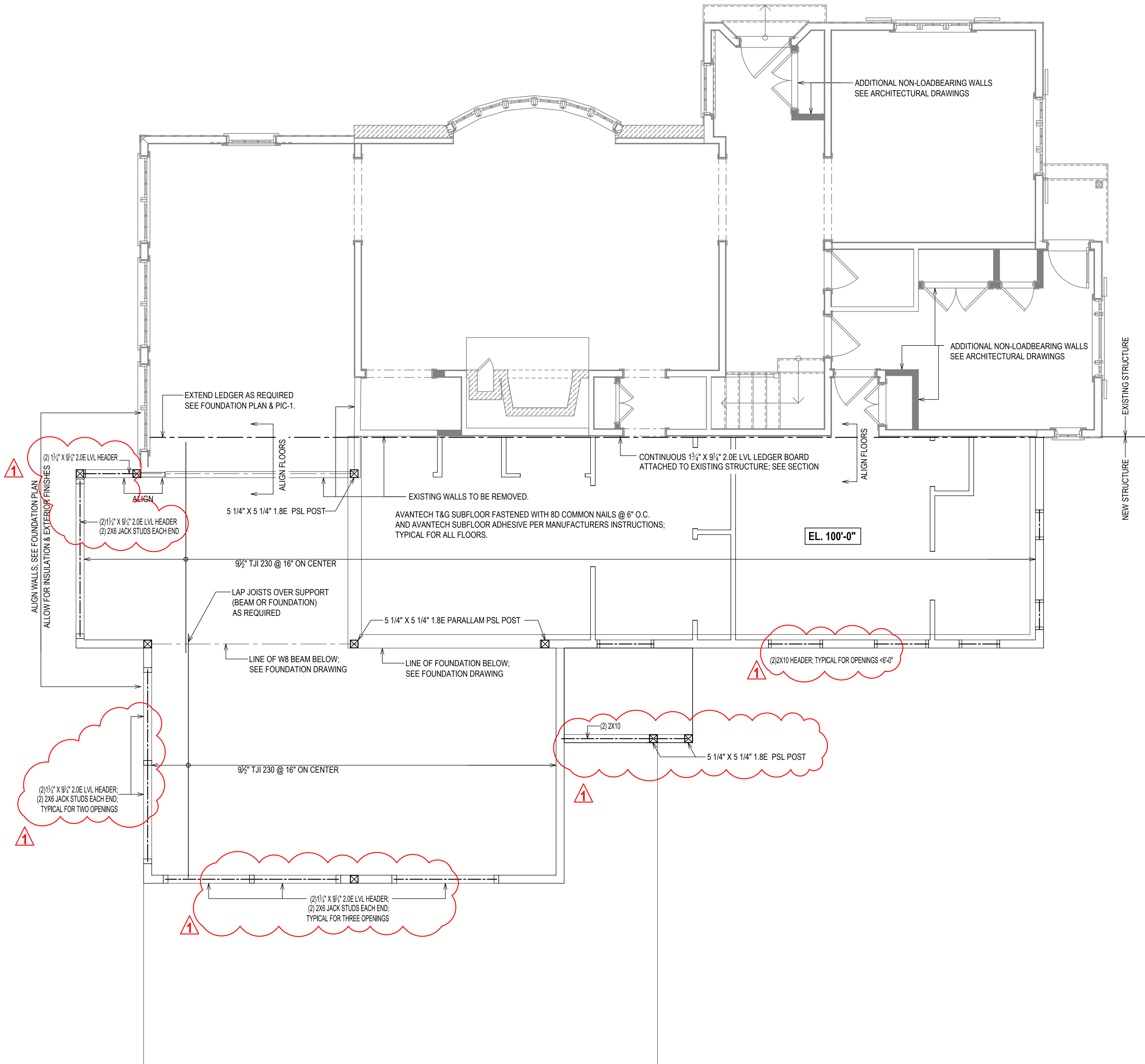
PROJECT NAME:
STRUCTURAL DESIGN & DRAWINGS

DRAWING NAME:
BASEMENT

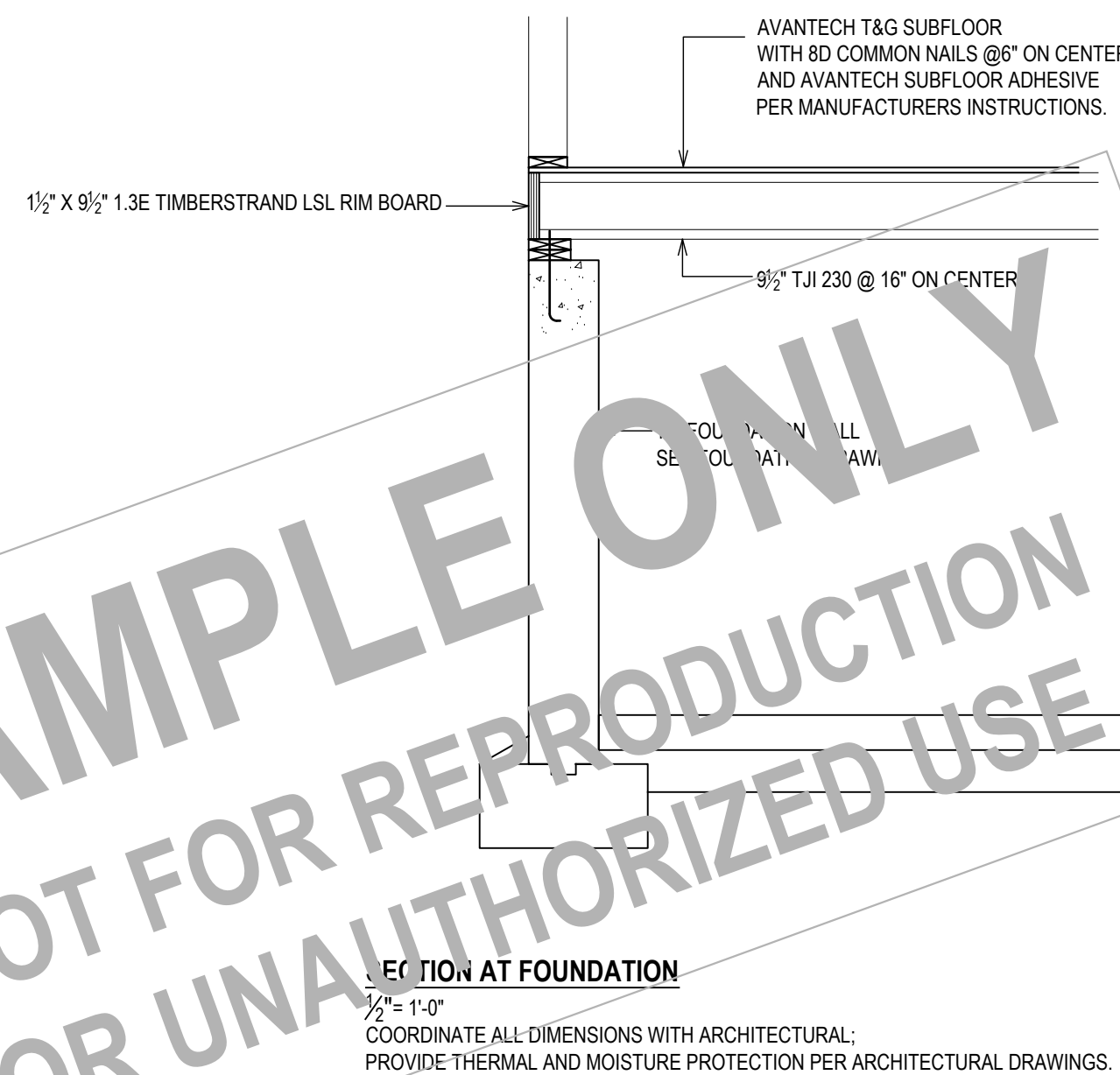
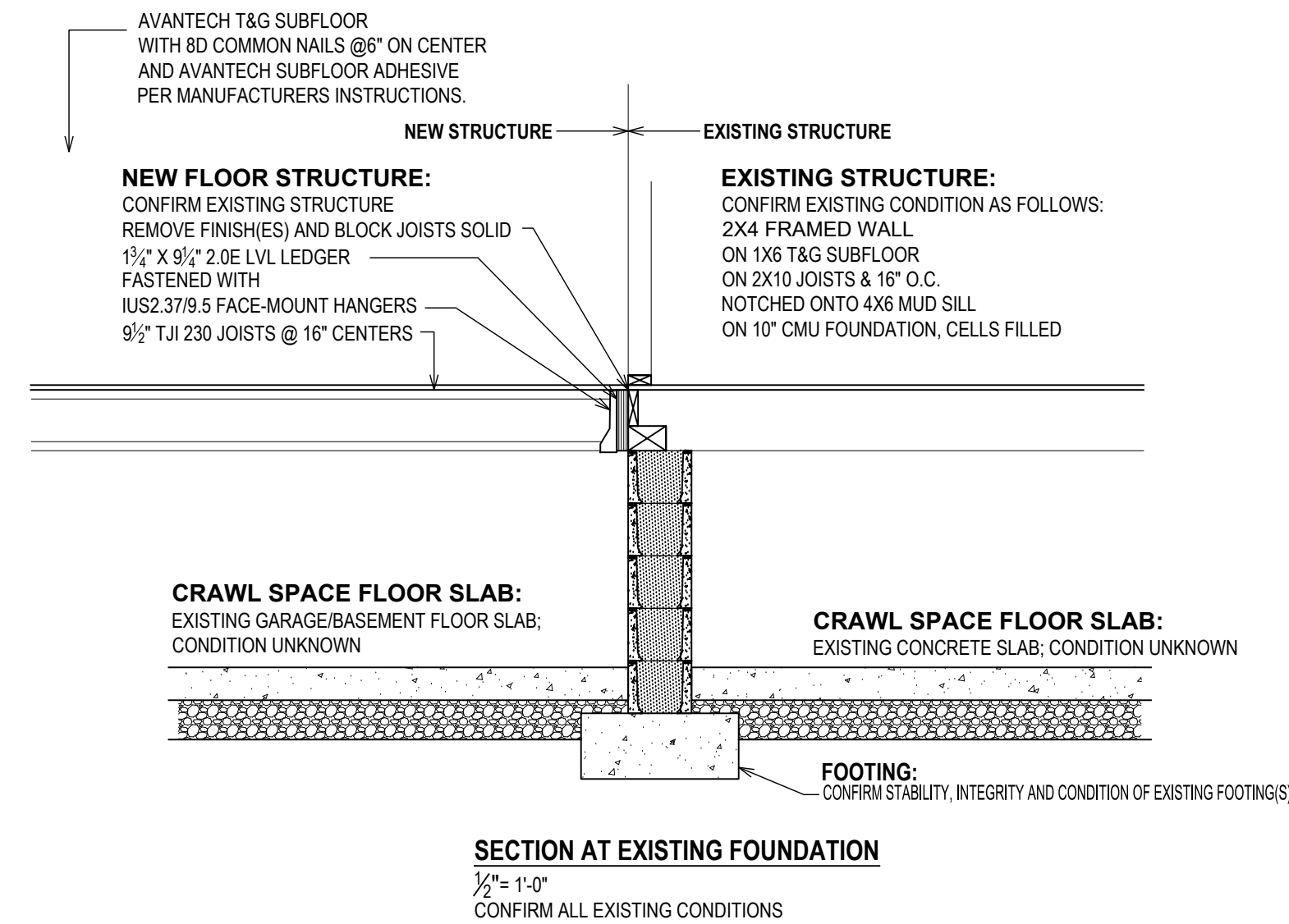
DRAWING NUMBER:
S.01

SCALE:
AS NOTED

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FIRST FLOOR FRAMING PLAN
1/4" = 1'-0"



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Architect:
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FOR PERMIT
FOR CONSTRUCTION

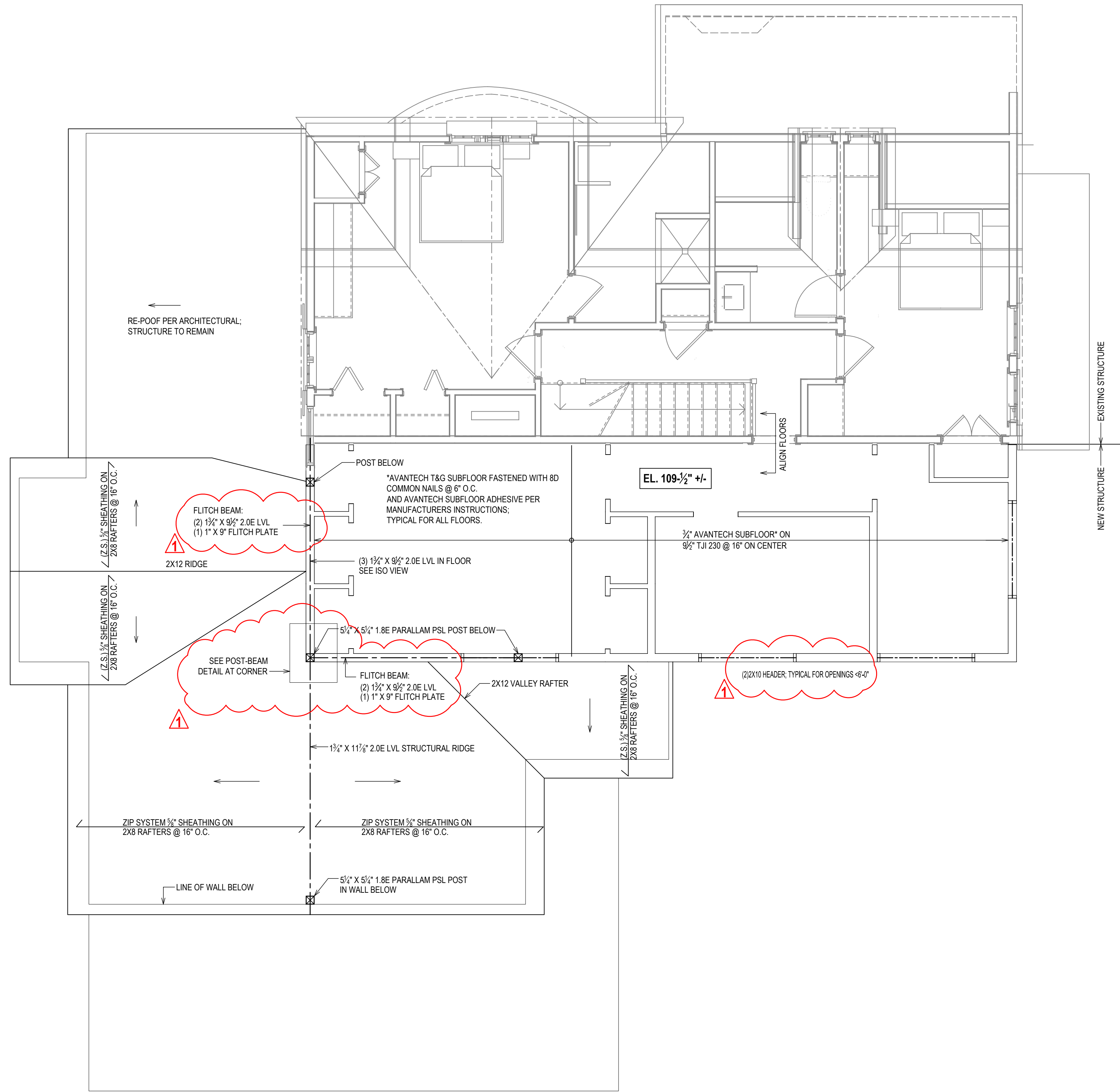
PROJECT NAME:
**STRUCTURAL DESIGN &
DRAWINGS**

DRAWING NAME:
FIRST FLOOR

DRAWING NUMBER:
S.02

SCALE:
AS NOTED

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LOWER ROOF & SECOND FLOOR FRAMING PLAN
1/4" = 1'-0"

Architect:
Chris Snyder Architecture & Design

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05.28.2024 FOR PERMIT

11.08.2024 FOR CONSTRUCTION

PROJECT NAME:

**STRUCTURAL DESIGN &
DRAWINGS**

DRAWING NAME:

SECOND FLOOR

DRAWING NUMBER:

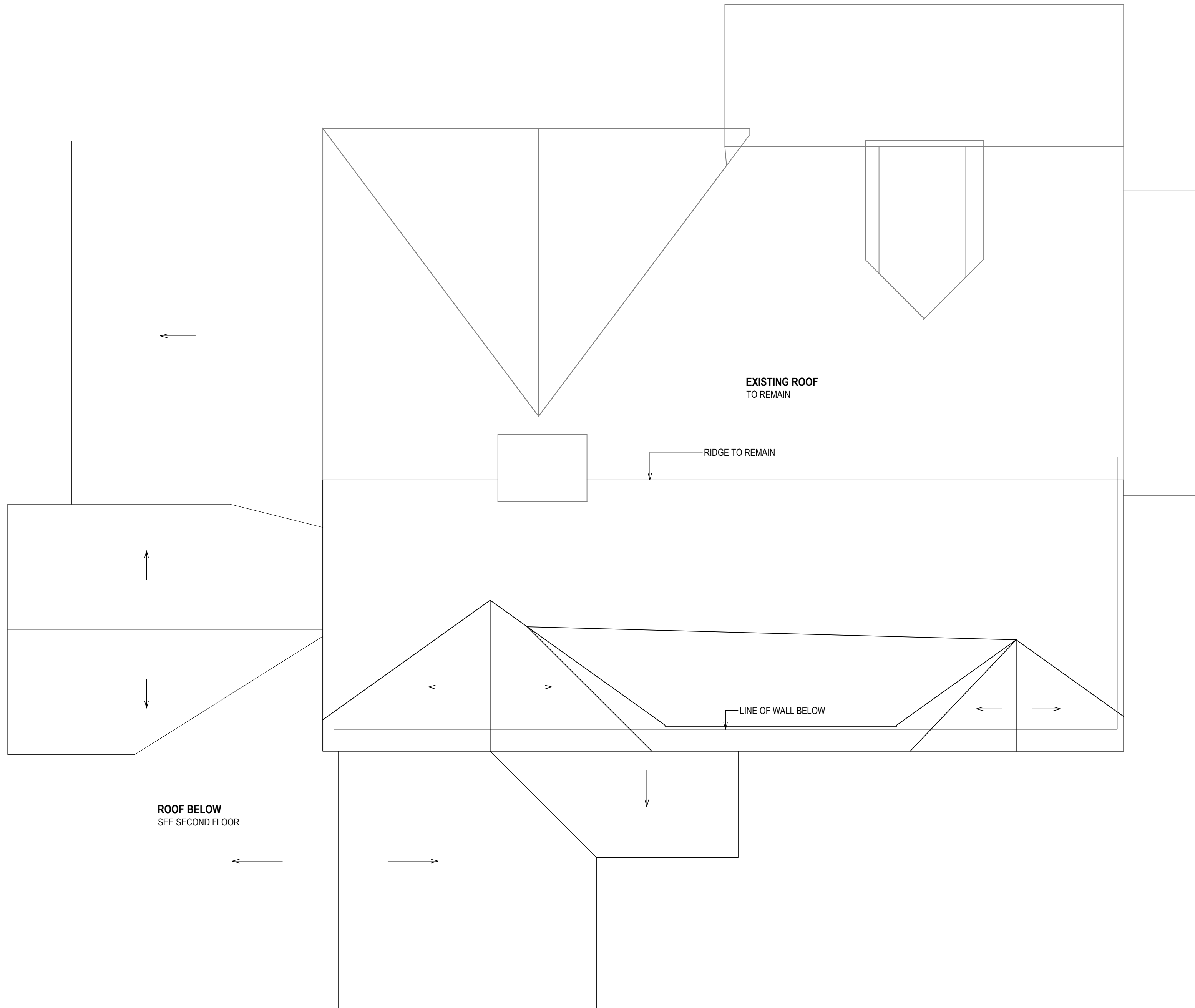
S.03

SCALE:

AS NOTED

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ROOF FRAMING PLAN
1/4" = 1'-0"

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OR UNAUTHORIZED USE

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DEPARTMENT)

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CLIENT:

*** ***

DATE:

11.21.2023

ISSUE:

05.28.2024 FOR PERMIT

PROJECT NAME:

**STRUCTURAL DESIGN &
DRAWINGS**

DRAWING NAME:

ROOF FRAMING

DRAWING NUMBER:

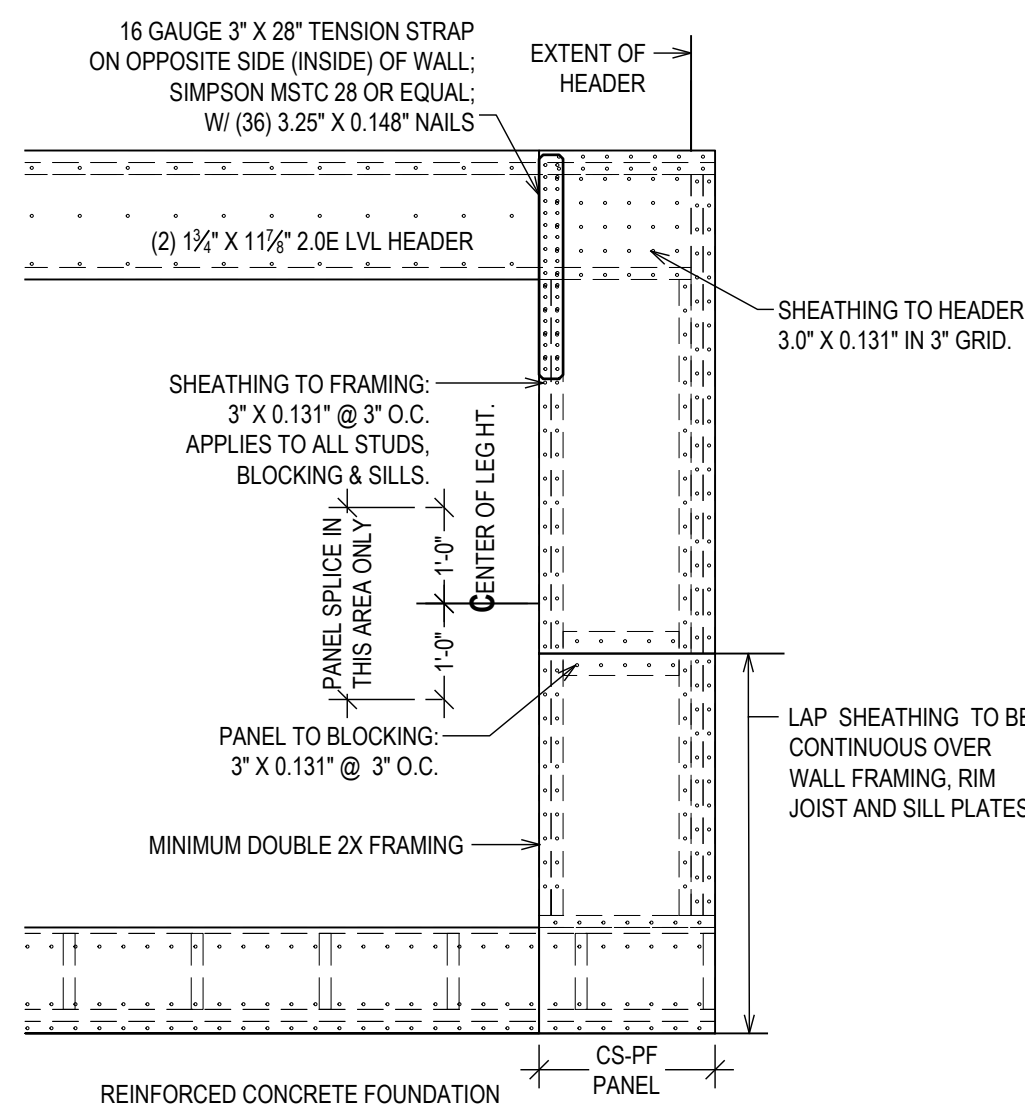
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SCALE:

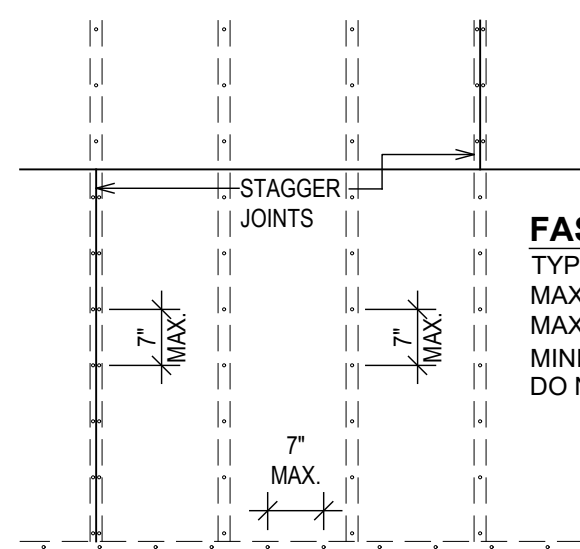
AS NOTED

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CS-PF OVER FRAMED FLOOR
 $\frac{1}{2}" = 1'-0"$



GYPSUM BOARD (GB) BRACED PANEL
TYPICAL FOR ALL GYPSUM BOARD INSTALLATIONS

$$\frac{1}{2}^* = 1'-0''$$

PLYWOOD AND FASTENING

WALL & ROOF SHEATHING:
 $\frac{7}{16}$ " ZIP SYSTEM O.S.B.
 FASTENED WITH 8D COMMON NAILS*
 @ 6" ON CENTER AT EDGES
 AND 12" O.C. IN FIELD
 PER MANUFACTURERS INSTRUCTIONS

* EQUIVALENT ALTERNATIVE FASTENERS MAY BE USED PER SCHEDULE R602.3(1)

— FLOOR STRUCTURE

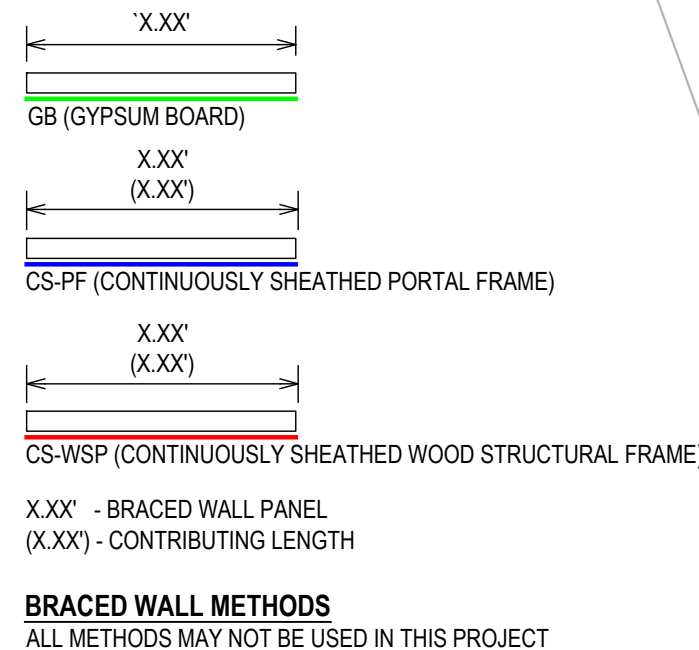
4.63	B	1.00	6.00	0.76	9.00
17.93	B	1.00	4.00	0.70	9.00

WALL BRACING SCHEDE - SECOND FLOOR																	
ULTIMATE DESIGN WIND SPEED	BRACED WALL LINE	R.V.L. SPACING	BRACING METHOD	MIN. REQ. LENGTH BRACED (R602.10.11)'	WIND ADJUSTMENT FACTORS (PER TAB. R602.12.1)										ADJUSTED MINIMUM LENGTH	BRACING PROVIDED	
					1. WIND EXPOSURE	2. RIDGE HEIGHT	3. STORY HEIGHT	4. NO. OF BR. WALLS	5. ADDITIONAL D.C. CH.	6. IZ ² /I ²	7. INTERIOR SURFACING	8. G.G.PYSUM PERTING	9. CHMT HORIZONTAL BLOCING				
120	BWL 1	13'00	GB	5.05	B	1.00	4.00	0.70	6.00	0.90	2.00	1.00	NO	NO	1.00	3.18	6.00
120	BWL 3	13'00	CS-WSP	2.45	B	1.00	4.00	0.70	8.00	0.90	2.00	1.00	NO	NO	1.00	1.54	10.67
120	BWL A	20.40	CS-WSP	3.56	B	1.00	4.00	0.70	8.00	0.90	3.00	1.00	NO	NO	1.00	2.92	8.00
120	BWL B	21.00	CS-WSP	3.75	B	1.00	4.00	0.70	7.00	0.90	3.00	1.30	NO	NO	1.00	6.02	6.18
120	BWL C	21.60	CS-WSP	3.74	B	1.00	4.00	0.70	7.00	0.90	3.00	1.30	NO	NO	1.00	3.00	6.18

*MINIMUM REQUIRED LENGTHS ARE INTERPOLATED PER FOOTNOTE A.

**ADJUSTMENT FACTORS ARE INTERPOLATED PER FOOTNOTE A.

*ADJUSTMENT FACTORS ARE INTERPOLATED PER FOOTNOTE A.



FIRST FLOOR BRACED WALLS
 $\frac{1}{8}" = 1'-0"$

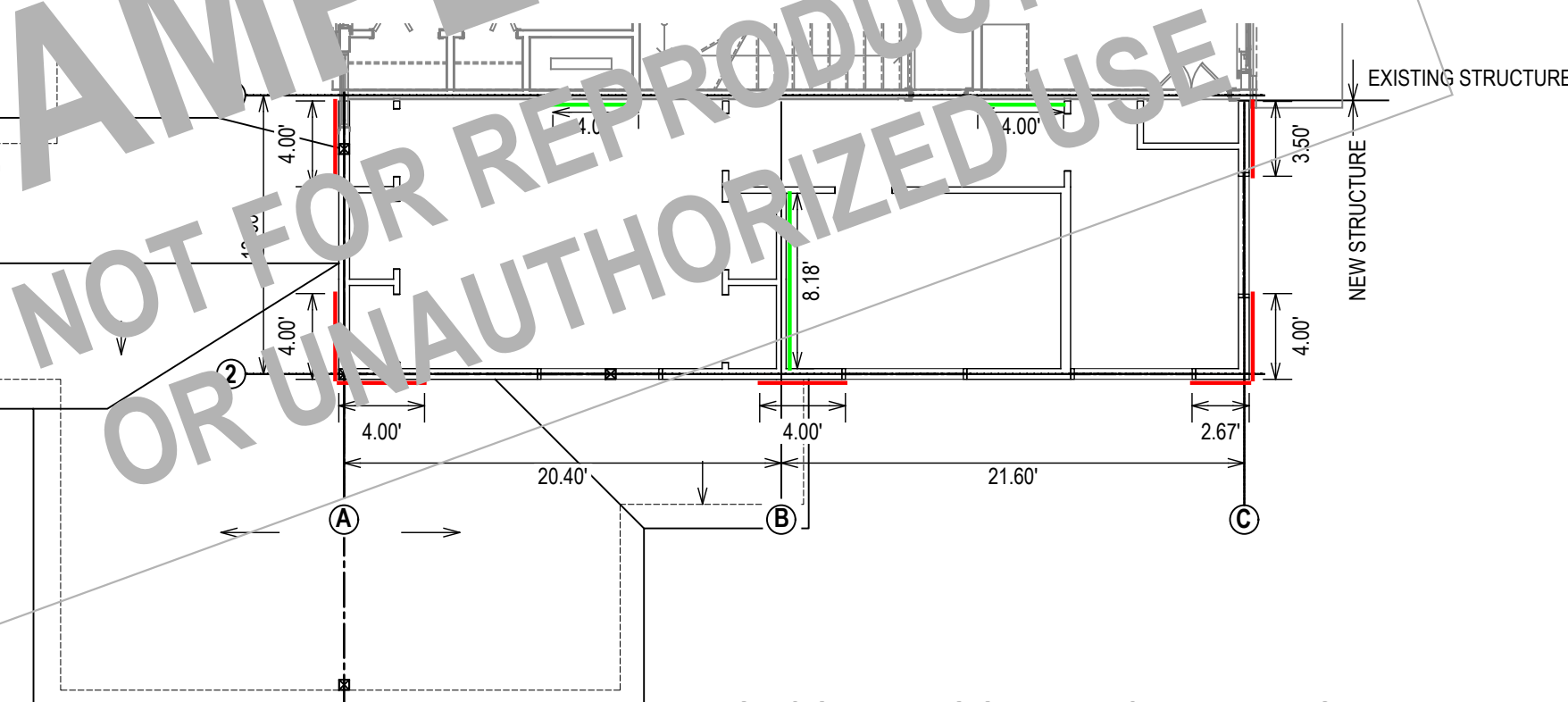


TYPICAL FRAMING DETAILS & FASTENERS

WALL BRACING SCHEDE - SECOND FLOOR																	
ULTIMATE DESIGN WIND SPEED	BRACED WALL LINE	R.V.L. SPACING	BRACING METHOD	MIN. REQ. LENGTH BRACED (R602.10.11)	WIND ADJUSTMENT FACTORS (PER TAB. R602.12.1)										ADJUSTED MINIMUM LENGTH	BRACING PROVIDED	
					1. WIND EXPOSURE	2. RIDGE HEIGHT	3. STORY HEIGHT	4. NO. OF BR. WALLS	5. ADDITIONAL D.C. CH.	6. IZ(12)	7. INTERIOR SURFACING	8. G.G.PYSUM PERTING	9. CHMT HORIZONTAL BLOCING				
120	BWL 1	13'00	GB	5.05	B	1.00	4.00	0.70	6.00	0.90	2.00	1.00	NO	NO	1.00	3.18	6.00
120	BWL 3	13'00	CS-WSP	2.45	B	1.00	4.00	0.70	8.00	0.90	2.00	1.00	NO	NO	1.00	1.54	10.67
120	BWL 4	20.40	CS-WSP	3.56	B	1.00	4.00	0.70	8.00	0.90	3.00	1.00	NO	NO	1.00	2.92	8.00
120	BWL 5	21.00	CS-WSP	3.75	B	1.00	4.00	0.70	7.00	0.90	3.00	1.30	NO	NO	1.00	6.02	6.18
120	BWL 6	21.60	CS-WSP	3.74	B	1.00	4.00	0.70	7.00	0.90	3.00	1.30	NO	NO	1.00	3.06	

*MINIMUM REQUIRED LENGTHS ARE INTERPOLATED PER FOOTNOTE A.

*ADJUSTMENT FACTORS ARE INTERPOLATED PER FOOTNOTE A.



SECOND FLOOR BRACED WALLS

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