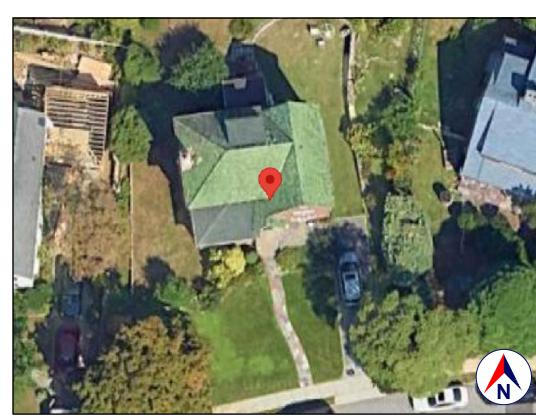
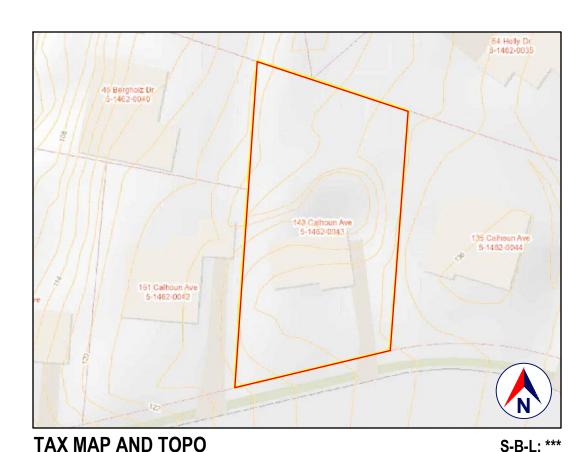
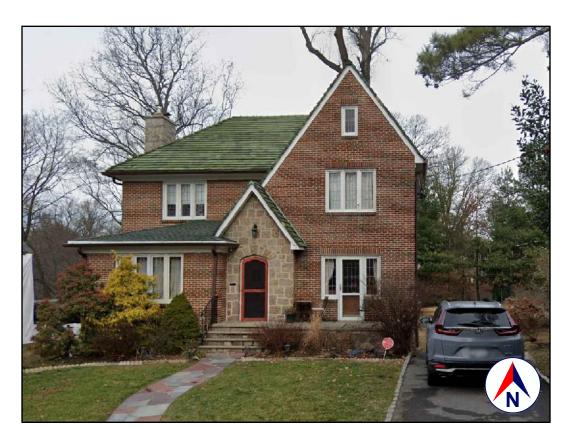
LOCATION **GOOGLE MAPS**

***, NEW ROCHELLE



SATELLITE VIEW GOOGLE EARTH





FRONT VIEW **GOOGLE STREET VIEW**

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

WESTCHESTER COUNTY GIS

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

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: ZONING; DRAINAGE; GRADING; OR OTHER SITE ISSUES.

REFER TO THE CRONIN 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 THE LISA PIPER GILBERT 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 CHAPTER 2 OF THE EXISTING BUILDING CODE (AN EXTENSION OR INCREASE IN FLOOR AREA, NUMBER OF STORIES, OR HEIGHT OF A BUILDING OR STRUCTURE), AND SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 11 OF THAT CODE.

CONSTRUCTION TYPE: YEAR BUILT: REFER TO ARCHITECTURAL DRAWINGS

TYPE V-B, AS DEFINED IN TABLE 601 UNKOWN (PER ZILLOW) OCCUPANCY CLASSIFICATION: DETACHED ONE-FAMILY DWELLING STRUCTURE

ARCHITECTURAL REVIEW:

1.3 COMPLIANCE: ALL WORK SHALL BE IN COMPLIANCE WITH:

- 2020 RESIDENTIAL CODE OF NEW YORK STATE (INTERNATIONAL RESIDENTIAL CODE 2018 WITH
- EXISTING BUILDING CODE OF NEW YORK STATE (INTERNATIONAL EXISTING BUILDING CODE 2018 WITH AMENDMENTS)
- CHAPTER 111, BUILDING CONSTRUCTION, AND CHAPTER 147, FIRE PREVENTION OF THE CODE OF THE CITY OF NEW ROCHELLE.
- 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 [NY] 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 CITY OF NEW ROCHELLE.

THE DULY APPOINTED BUILDING OFFICIAL OF THE CITY OF NEW ROCHELLE 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.

2.1 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 FRAMED WALL ASSEMB	I V·	<u>PS</u> 15
	= : :	• •
ROOF /CEILING ASSEME	BLY:	20
FLOOR ASSEMBLY:		15

2.2 LIVE LOAD:

LINIFORMLY DISTRIBUTED LIVE LOADS SHALL BE PER TABLER301.5 AND AS FOLLOWS* (IN PSE):\

UNIFORMET DISTRIBUTED LIVE LOADS SHALL DE PER TABLE P	301.5 AND AS FOLLO	MAS (IN FOF).
USE	SF	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	(&2,000LB/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

AN AS FOLLOWS:	-, -
STRUCTURAL MEMBER	ALLOWABLE DEFLECTI
RAFTERS HAVING SLOPES GRATER THAN 3:12 WHIT FINISHED	
CEILING NOT ATTACHED TO RAFTERS	L/180
INTERIOR WALLS AND PARTITIONS	H/180
FLOORS	L/360
CEILING WITH BRITTLE FINISHES (INCLUDING PLASTER AND STUCCO)	L/360
CEILING WITH FLEXIBLE FINISHES (INCLUDING GYPSUM BOARD)	L240
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

	CLIMATE AND GEOGRAPHIC DESIGN CRITERIA												
LOCATION: CITY OF NEW ROCHE							ELLE ZIP CODE: 10801						
PER 2020 RESIDENTIAL CODE OF NEW YORK STATE					TABLE 301.	2(1)	(WIND) EXF	OSURE CA	TEGORY	: B		CLIMATE	ZONE: 4A
		WIND DESIGN			SEISMIC	SUBJECT TO DAMAGE FROM		WINTER	ICE BARRIER		AIR MEAN	MEAN	
GROUND SNOW LOAD	WND SPEED MPH	TOPOGRAPHIC EFFECTS	SPECIAL WIND REGION	WINDBORNE DEBRIS ZONE	DESIGN	WEATHERING	FROST LINE DEPTH	TERMITE	DESIGN TEMP	UNDERLMNT. REQUIRED	FLOOD HAZARDS	FREEZING INDEX	ANNUAL TEMP
30 PSF	115-120	NO	NO	NO	С	SEVERE	3'-6"	MOD/SEVERE	7°	YES	MINIMAL	615	52.5°

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.
- 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 WITH A CURRENT LICENSE ISSUED BY THE
- WESTCHESTER COUNTY DEPARTMENT OF CONSUMER AFFAIRS.
- 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
- 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 CITY OF NEW ROCHELLE FOR A BUILDING PERMIT,

2. THE CITY OF NEW ROCHELLE 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:

BUILDINGS DEPARTMENT OF THE CITY OF NEW ROCHELLE 515 NORTH AVENUE

NEW ROCHELLE, NY 10801 (914) 654-2035

WEB SITE: www.newrochelleny.com

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 CITY OF NEW ROCHELLE 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 CITY OF NEW ROCHELLE 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 CITY OF NEW ROCHELLE.
- A SCHEDULE OF REQUIRED INSPECTIONS IS AVAILABLE FROM THE BUILDING DEPARTMENT OF THE CITY OF NEW ROCHELLE.

*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

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.

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:

NEW YORK STATE LAW (16 NYCRR PART 753) REQUIRES ALL EXCAVATORS TO PLACE 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, EXACTIX. OR, THE **EXCAVATOR MAY CALL 811 TO PLACE THE LOCATION REQUEST**

NOTIFY 811 ONLINE WITH EXACTIX OR BY CALLING 811. NOTIFY: 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.

DEMOLITION

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

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

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

INTERRUPTION OF ANY SERVICES WITHIN THE AREA OF WORK OR IN ANY ADJACENT SPACE OR

CONCRETE:

REGULATIONS.

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.

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

COLUMNS:

ALL CONCRETE EXPOSED TO WEATHER OR EARTH: ALL CONCRETE PLACED AGAINST EARTH:

FOOTINGS:

THE BOTTOM OF EXTERIOR FOOTINGS NOT ON SOLID ROCK SHALL BE AT LEAST 3'-6" BELOW FINISHED GRADE. FOOTINGS ON LEDGE SHALL REST ON BROOM CLEAN SOLID ROCK. IF THE SLOPE OF THE ROCK SURFACE EXCEEDS 1 ON 6, THE FOOTING SHALL BE DOWELED TO THE LEDGE WITH 24" STEEL RODS DRILLED 10" INTO THE ROCK SURFACE AT 2-FEET ON CENTER.

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 PPO

ALL REINFORCEMENT SHALL BE SECURELY HELD IN-PLACE WHILE PLACING CONCE E. IF REQU ADDITIONAL BARS OR STIRRUPS SHALL BE PROVIDED BY THE CONTI FOR ALL BARS. REINFORCEMENT SHALL BE SECURED IN THE PEL OCATI IN FORMS W TIE WIRE OR OTHER BAR SUPPORT SYSTEM TO PRE T DIS TIME DI GITHLE ONCRETE PLACEMENT OPERATION.

 $F_{Y} = 3c \text{ KS}^{\dagger} F_{U} - 58-80 \text{ KSI}$

ASTM-A53 GRADE B ($F_Y = 35$ KSI, $F_U = 60$ KSI)

WHERE NOT SPECIFICALLY INDICATED OF A DRAWL S, DESIGN & ELECTRONICS SHALL BE IN ACCORDANCE TABLE R61 ... P SPL EA. TENS V L .O. ENT LENGTHS.

STRUCTURAL STEEL

8. STEEL PIPE:

STRUCTURAL STEEL MEMBERS. STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE LOWIN

1. W-SHAPES:ASTM A992F_Y = 50-65 KSI, F_{IL}= 6 KS M-, S- & HP-SHAPES; A^{TM} A36 (F_Y = 36 KSI, F_U = 8-80 kg

3. CHANNELS (C & MC): 4. ANGLES (L):

5. STRUCTURAL TEES: S. ME A (1 HEIK, M-, S- & W-SHAPES 6. RECTANGULAR & SQUARE HSS: ASTM A500 GRADE B ($F_Y = 46 \text{ KSI}$, $F_U = 58 \text{ KSI}$) 7. ROUND HSS: ASTM A500 GRADE B ($F_Y = 42$ KSI, $F_U = 58$ KSI)

9. PLATES & BARS (UP TO 8"): ASTM A36 $(F_Y = 36 \text{ KSI}, F_U = 58-80 \text{ KSI})$ 10.PLATES & BARS (> 8"): ASTM A36 $(F_Y = 32 \text{ KSI}, F_U = 58 \text{ KSI})$

FASTENING PRODUCTS: FASTENING PRODUCTS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:

ASTM A325 (F₁₁ = 120 KSI) 1. H.S. A325 BOLTS; >1"-1½" INC.: ASTM A325 $(F_U = 105 \text{ KSI})$ H.S. A325 BOLTS; 1/2" - 1" INC.: 2. H.S. A490 BOLTS; 1/2" - 11/2" INC.: ASTM A490 $(F_U = 150 \text{ KSI})$

3. HEAVY-DUTY HEX NUTS; 1/4" - 4": ASTM A563 4. HARDENED WASHERS; 1/4" - 4": ASTM F436

5. H.S. A490 BOLTS: ½" - 1½" INC.: ASTM A490 $(F_Y = XX KSI, F_U = 150 KSI)$ 6. THREADED ROD: ASTM A36 $(F_Y = 36 \text{ KSI}, F_U = 58-80 \text{ KSI})$ ASTM F1554, GR. 36 ($F_Y = 36 \text{ KSI}$, $F_U = 58-80 \text{ KSI}$)

> OR AWS A5.18. (GMAW PROCESS) OR AWS A5.1 (SMAW PROCESS)

PER TABLE D1.1 TABLE 3.1 (MINIMUM $F_{IJ} = 70KSI$)

E70XX RODS TO AWS A5.20 (FCA PROCESS)

WOOD FRAMING

7. ANCHOR ROD:

8. FILLER (WELD) MATERIAL

9. WELDING ELECTRODES:

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.

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.

INTERNAL LOAD BEARING WOOD FRAMED PARTITIONS ARE TO BE 2X4 WOOD STUDS, DOUGLAS

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 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.

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.

TRUSS TYPE CONSTRUCTION

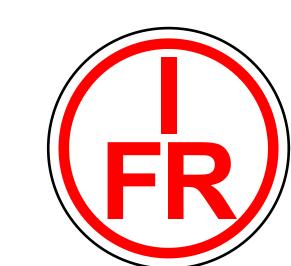
WHERE NOT SPECIFICALLY INDICATED ON THE DRAWINGS, SPLICING & EMBEDMENTS SHALL BE IN ACCORDANCE TABLE R608.5.4(1) LAP SPLICE AND TENSION DEVELOPMENT LENGTHS

THE UTILIZATION OF TRUSS-TYPE CONSTRUCTION, PRE-ENGINEERED WOOD CONSTRUCTION AND/OR TIMBER CONSTRUCTION IN RESIDENTIAL STRUCTURES IS SUBJECT TO THE REQUIREMENTS OF TITLE 19 OF THE NEW YORK CODES, RULES AND REGULATIONS (NYCRR), 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:

HOWEVER:



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; PROVIDED.

IF AFFIXING THE SIGN OR SYMBOL TO THE ELECTRIC BOX WOULD OBSCURE ANY METER ON THE ELECTRIC BOX, OR IF THE UTILITY PROVIDING ELECTRIC SERVICE TO THE RESIDENTIAL STRUCTURE DOES NOT ALLOW THE SIGN OR SYMBOL TO BE AFFIXED TO THE ELECTRIC BOX, THE SIGN OR SYMBOL SHALL BE AFFIXED TO THE EXTERIOR WALL OF T RESIDENTIAL STRUCTURE AT A POINT IMMEDIATELY ADJACENT TO THE ELECT BOX ND:

IF NO ELECTRIC BOX IS TTAKE TO TO THE EXILE OR OF THE RESIDENTIAL STRUCTURE OR IF, IN THE OPINION OF TO 11 THE TYPE ING JURISDICT THE ELECTRIC BOX ATTACHED TO THE EXTERIOR 101 CA. IN A PLACE LIK Y TO BE SEEN BY FIREFIGHTERS OR OTHER FIRST SPONL S.R. PC 11 TO A IRF (1) THER EMERGENCY AT THE RESIDENTIAL STRUCTURE, THE GN OR S 30L HALL FFIX THE EXTERIOR OF THE STRUCTURE IN A LOCATION PROVED TH. UILDIN OFFICIAL OF THE CITY OF NEW ROCHELLE AS A LOCATION LIKELY TO BE 'N BY FI FIGHT AS OR OTHER FIRST RESPONDING TO A FIRE OR OTHER EM. AT THE RESIDENTIAL STRUCTURE.

LIST OF STRUCTURAL DRAWINGS REVISION 95.25.2024 10.28.2024 **-OUNDATION** 10.28.2024

05.25.2024

05.25.2024

05.25.2024

10.28.2024

10.28.2024

10.28.2024

STATEMENT OF DESIGN PROFESSIONAL:

FIRST FLOOR & ROOF PLAN

SECTIONS

DETAILS

1. THESE PLANS HAVE BEEN PREPARED IN CONFORMANCE WITH THE 2020 RESIDENTAL CODE OF STATE OF NEW YORK.

2. TO THE BEST OF MY KNOWLEDGE AND PROFESSIONAL JUDGEMENT, THESE PLANS ARE IN CONFORMANCE WITH THE 2020 ENERGY CONSERVATION CODE OF THE STATE OF NEW YORK.

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

0

LISA PIPER GILBERT ARCHITECT 108 Longview Ave.

White Plains, NY 10605 914-310-4580 lisa@lpgarchitect.com

PROPERTY ADDRESS:

NEW ROCHELLE, NY 10801 (CITY OF NEW ROCHELLE)

05.25.2024 FOR REVIEW 07.02.2024 FOR REVIEW 07.18.2024 FOR PERMIT

08.02.2024 PER B.D. COMMENTS 10.28.2024 ADD STAIRWELL &

PROJECT NAME:

STRUCTURAL DRAWINGS;

SINGLE STORY ADDITION

FULL FOUNDATION

COVER SHEET

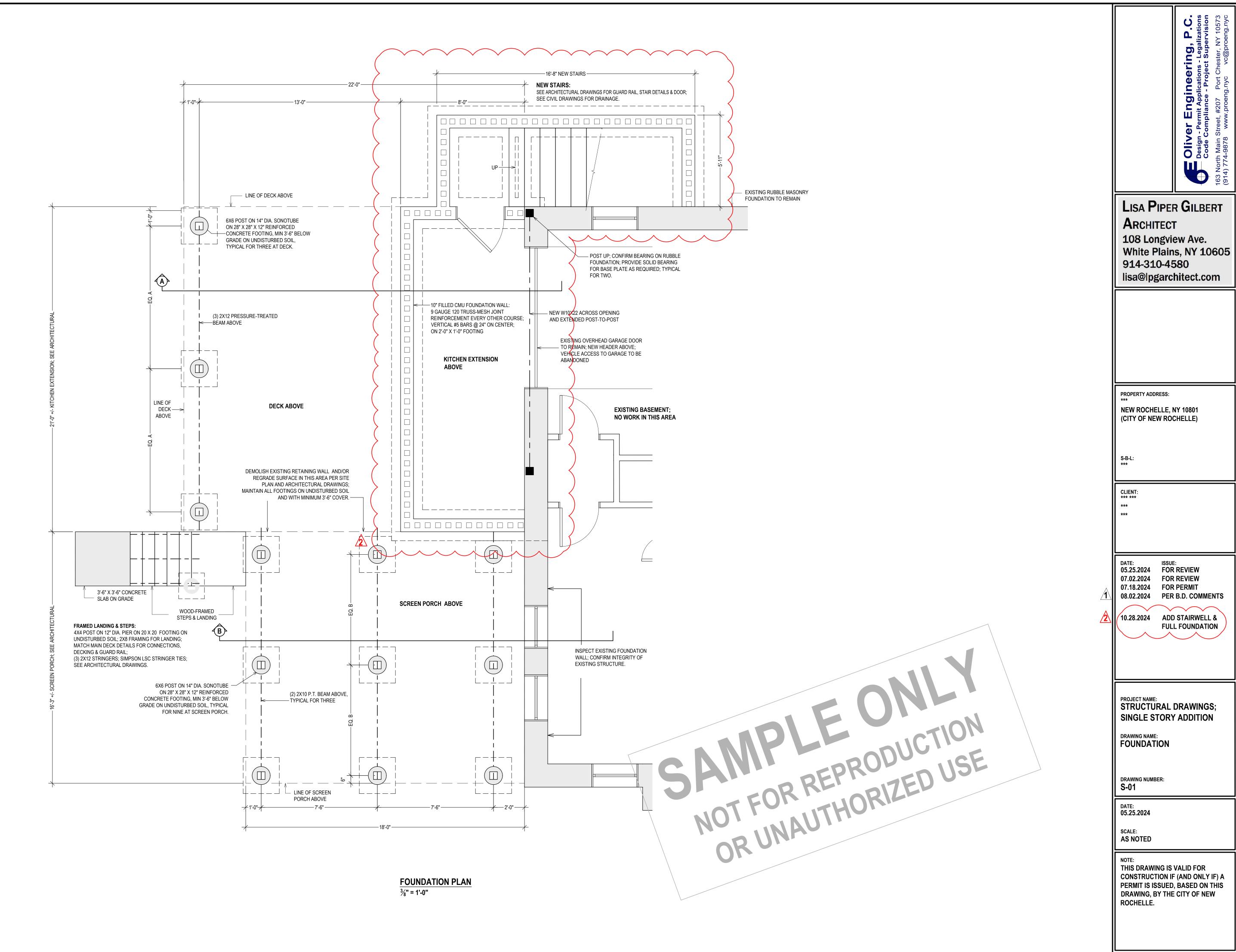
DRAWING NUMBER:

AS NOTED

05.25.2024

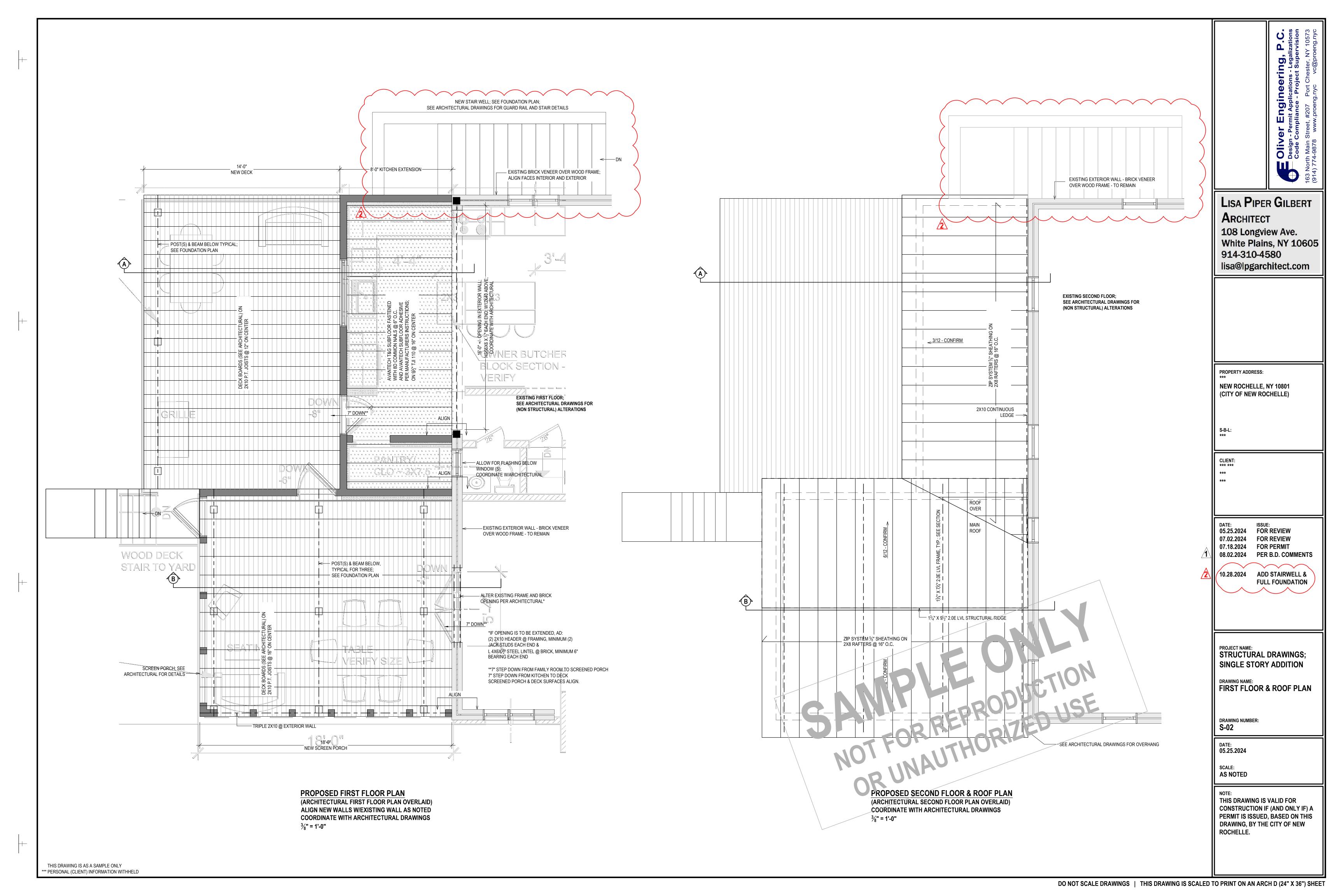
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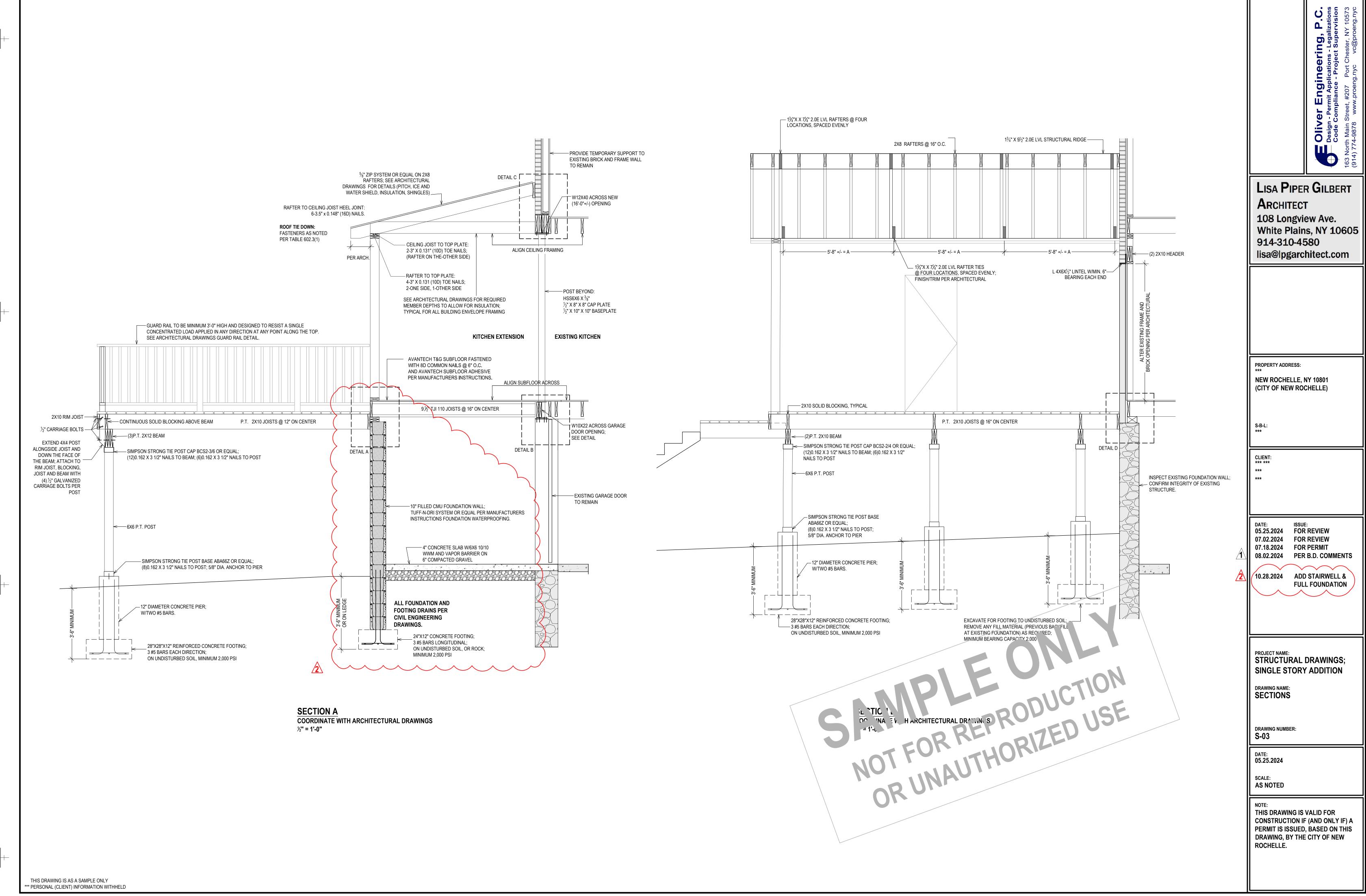
CONSTRUCTION IF (AND ONLY IF) A PERMIT IS ISSUED, BASED ON THIS DRAWING, BY THE CITY OF NEW ROCHELLE.

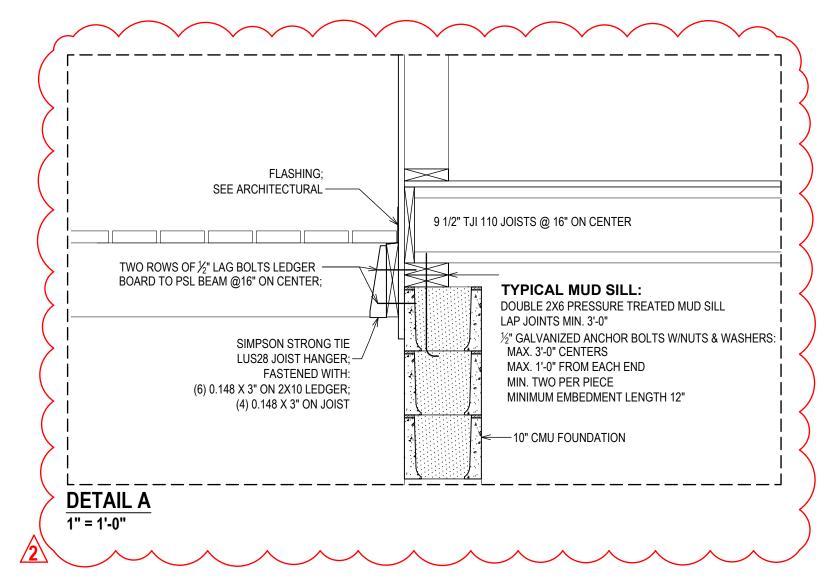


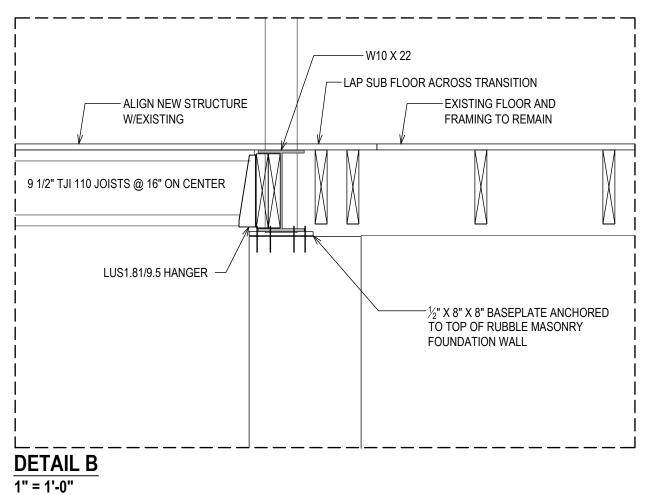
THIS DRAWING IS AS A SAMPLE ONLY
** PERSONAL (CLIENT) INFORMATION WITHHELD

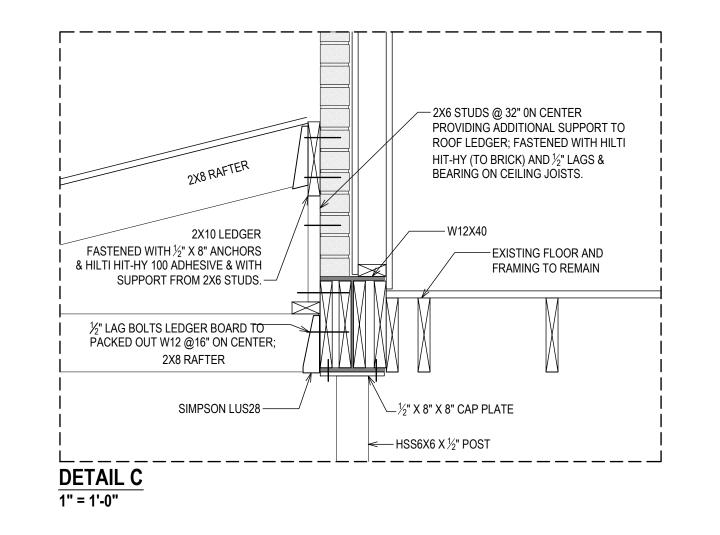
DO NOT SCALE DRAWINGS | THIS DRAWING IS SCALED TO PRINT ON AN ARCH D (24" X 36") SHEET

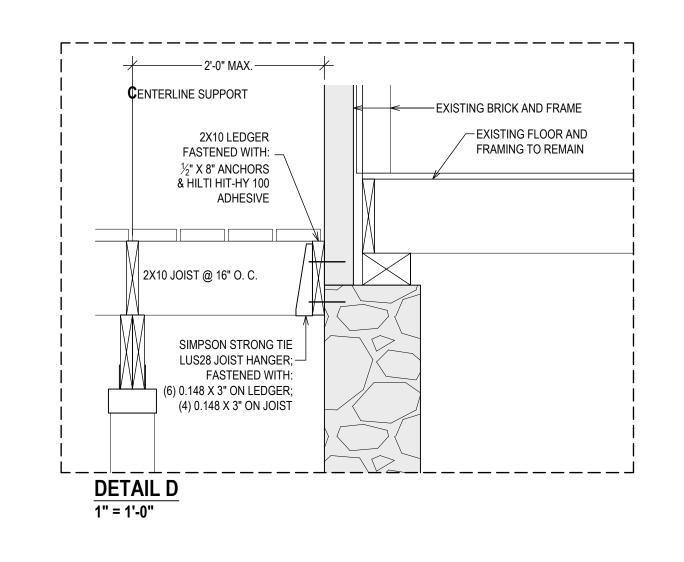


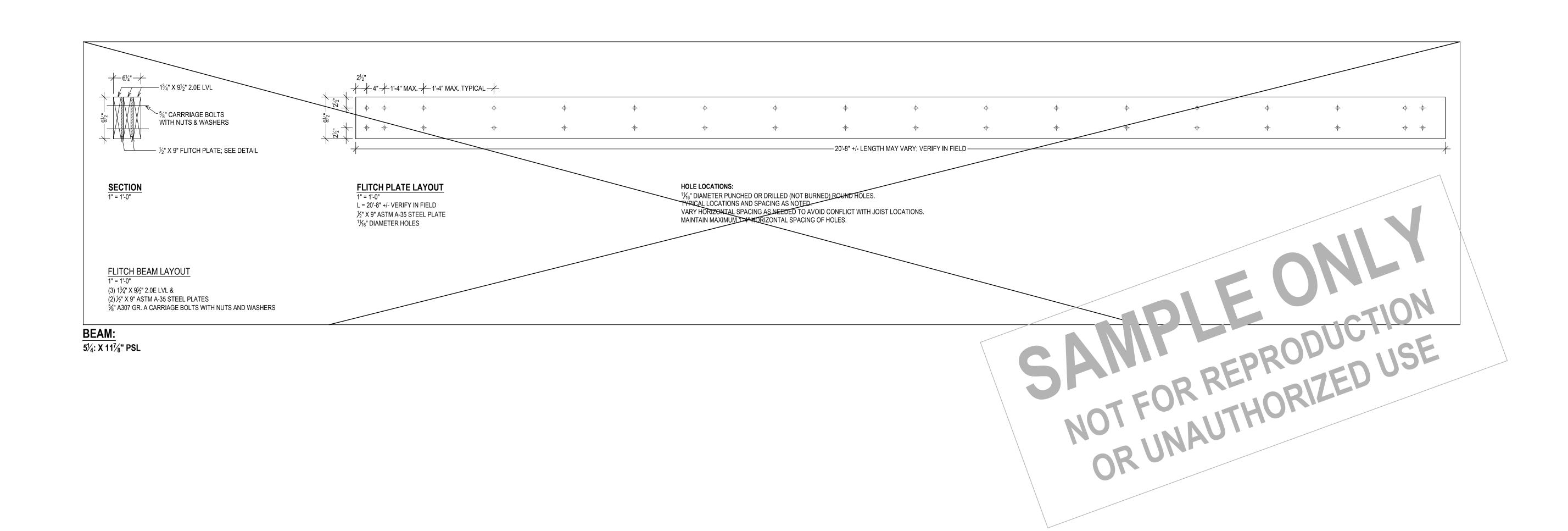












Engineering, I

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05.25.2024 FOR REVIEW **FOR REVIEW** 07.02.2024 07.18.2024 FOR PERMIT 08.02.2024 PER B.D. COMMENTS

10.28.2024 ADD STAIRWELL &

PROJECT NAME: STRUCTURAL DRAWINGS;

SINGLE STORY ADDITION

FULL FOUNDATION

DRAWING NAME: DETAILS

DRAWING NUMBER:

05.25.2024 SCALE:

AS NOTED

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