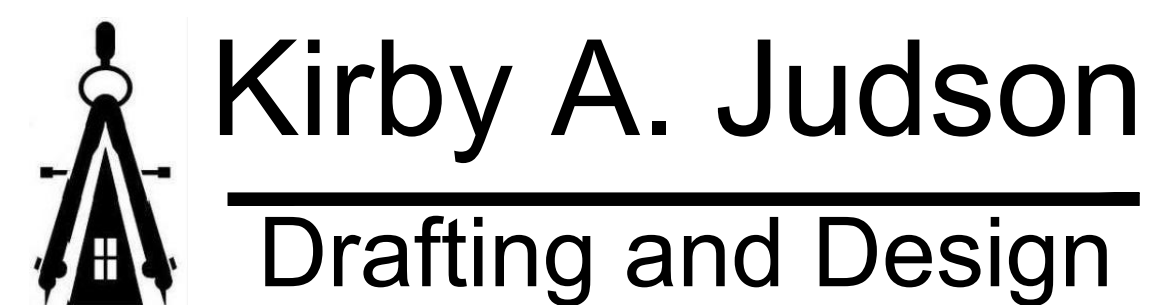


# Proposed Alterations And Additions For 1193 SHUNPIKE

Millbrook, New York 12545

by



**Kirby A. Judson**  
Drafting and Design

SHERMAN, CT 06784  
845-233-8935

**PROPERTY LOCATION**

1193 SHUNPIKE  
MILLBROOK, NY 12545  
PARCEL NUMBER:  
135889-6966-00-073863-0000

**PROJECT DESCRIPTION**

NEW OUTDOOR COVERED ENTRY PORCH AND NEW 3-SEASON  
SUN PORCH WITH ROOF TOP TERRACE DECK

**CODE COMPLIANCE**

**BUILDING CODE:**

PRIMARY CODE: 2025 EXISTING NEW YORK STATE BUILDING CODE  
2025 NEW YORK STATE RESIDENTIAL BUILDING CODE

WORK CLASSIFICATION: ADDITION

BUILDING USE: R-3 RESIDENTIAL

CONSTRUCTION TYPE: TYPE V6 (UNPROTECTED WOOD FRAME)

TABLE R301.2(1)  
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD	WIND DESIGN SPEED (MPH)	SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM:			WINTER DESIGN TEMP. (°F)	ICE SHIELD UNDERLAYMENT REQUIRED	FLOOD HAZARDS	
			WEATHERING	FROST LINE DEPTH	TERMITE DECAY				
49 PSI	113 MPH	A	SEVERE	48"	MODERATE- HEAVY	SLIGHT- MODERATE	2"	YES, 24" FROM WALL	2012 LOCAL LAW

**AREA CALCULATIONS**

**PROPOSED:**

ENCLOSED SUN PORCH: 484 S.F.  
ROOF TOP TERRACE: 540 S.F.  
COVERED PORCH: 336 S.F.

**EXISTING:      PROPOSED ADDITIONS:      GROSS TOTAL:**

SECOND FLOOR: ±1,494 S.F.      +0" S.F.      ±1,494\* S.F.  
FIRST FLOOR: ±1,502 S.F.      +1,024 S.F.      ±2,526 S.F.  
TOTAL FINISHED SPACE: ±2,996 S.F.      +1,024 S.F.      ±4,020\* S.F.

\* THE PROPOSED ROOF TOP TERRACE DECK IS NEW OPEN AIR SPACE (NOT COVERED AND NOT ENCLOSED) THUS EXCLUDED FROM FINISHED SPACE TOTALS. FINISHED SPACES ARE ALL SPACES EITHER ENCLOSED OR COVERED WITH A ROOF.

**NOTES**

1. EVERY EFFORT HAS BEEN MADE TO PROVIDE A DESIGN THAT FACILITATES BUILDING PROCESS AND CONSTRUCTION METHODS. HOWEVER, MEANS AND METHODS REMAIN THE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING CONSTRUCTION SEQUENCING, SHORING, AND TEMPORARY CONDITIONS.
2. ALL NEW CONSTRUCTION, CONSTRUCTION MATERIALS AND METHODS OF CONSTRUCTION NOT SPECIFICALLY ADDRESSED IN THESE DRAWINGS AND SPECIFICATIONS SHALL COMPLY WITH THE 2025 NEW YORK STATE RESIDENTIAL BUILDING CODE AND ALL OTHER PERTINENT STATE AND LOCAL CODES.
3. THE BUILDER IS REQUIRED TO NOTIFY AND APPLY TO VARIOUS REGULATORY AGENCIES FOR THE ISSUANCE OF ALL PERMITS REQUIRED FOR CONSTRUCTION. THE BUILDER SHALL ARRANGE FOR ALL INSPECTIONS OF WORK IN PROGRESS AS REQUIRED AND PROVIDE THE FINAL CERTIFICATE OF OCCUPANCY.

**Drawing Index**

A	Cover Sheet
A-1.0	Foundation Plan
A-1.1	Floor Plans
A-2.1	Elevations
A-3.1	Sections



**Property Information**

Parcel ID: 073863  
Total Acres: 29.34  
Land Use: 240 Rural Res  
Municipality: Washington  
Zoning: RR10



SITE

**Vicinity Map**

INFORMATION TAKEN FROM DUTCHESS COUNTY'S  
INTERNET PARCEL ACCESS. NO ACCURACY OR  
COMPLETENESS IS GUARANTEED.



**RENNIA ENGINEERING DESIGN, PLLC PROJECT NOTES:**

1. THE ORIGINAL HOUSE DESIGN AND PLANS BY KIRBY A. JUDSON DRAFTING AND DESIGN.
2. THE BUILDING CODE COMPLIANCE VERIFICATION REVIEW AND PLAN ADJUSTMENT AS NECESSARY BASED ON THE CODE REVIEW HAS BEEN PERFORMED BY THIS OFFICE.

ORIGINAL PLANS BY KIRBY A. JUDSON DRAFTING AND DESIGN. BUILDING CODE  
COMPLIANCE VERIFICATION AND PLAN CERTIFICATION BY:  
**RENNIA ENGINEERING DESIGN, PLLC**  
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EXP. 10/2026

**FOUNDATION NOTES AND SPECIFICATIONS:**

1. ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATIVE SOILS OR APPROVED COMPACTED FILL. AT A MINIMUM OF 4'-0" BELOW FINISHED GRADE.
2. PLACE REINFORCING BARS AT CORNERS AND INTERSECTIONS FOR FOUNDATIONS. BARS AT CORNERS AND INTERSECTIONS SHALL BE EQUAL IN SIZE, NUMBER AND SPACING TO HORIZONTAL REINFORCING.
3. SUB-GRADE REQUIREMENTS. UNDERSLAB VAPOR BARRIER AND PERIMETER FOUNDATION DRAINAGE SHALL BE PROVIDED. WATERPROOF MEMBRANE AND RIGID FOAM INSULATION APPLIED TO PERIMETER FOUNDATION WALLS AND FOOTINGS.
4. CONTRACTOR TO LAYOUT & PROVIDE SLAB CONTROL JOINTS TO MINIMIZE CRACKING IN ALL C.I.P. CONCRETE SLABS.
5. CONTRACTOR TO LAYOUT & PROVIDE SLEEVES IN FOUNDATION WALLS FOR ALL NECESSARY UTILITIES.

**SITWORK:**

1. FINISHED GRADING SHALL BE PERFORMED TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE DWELLING.
2. BACKFILL ALL FOUNDATION WALLS WITH A POROUS GRANULAR MATERIAL FULL HEIGHT, TO WITHIN 6" OF FINISH GRADE.
3. LOCATE ALL UTILITIES IN AREA OF PROPOSED WORK PRIOR TO CONSTRUCTION. PROTECT ALL UTILITIES AND BUILDING SERVICE LINES IN THE AREA OF PROPOSED WORK DURING CONSTRUCTION.

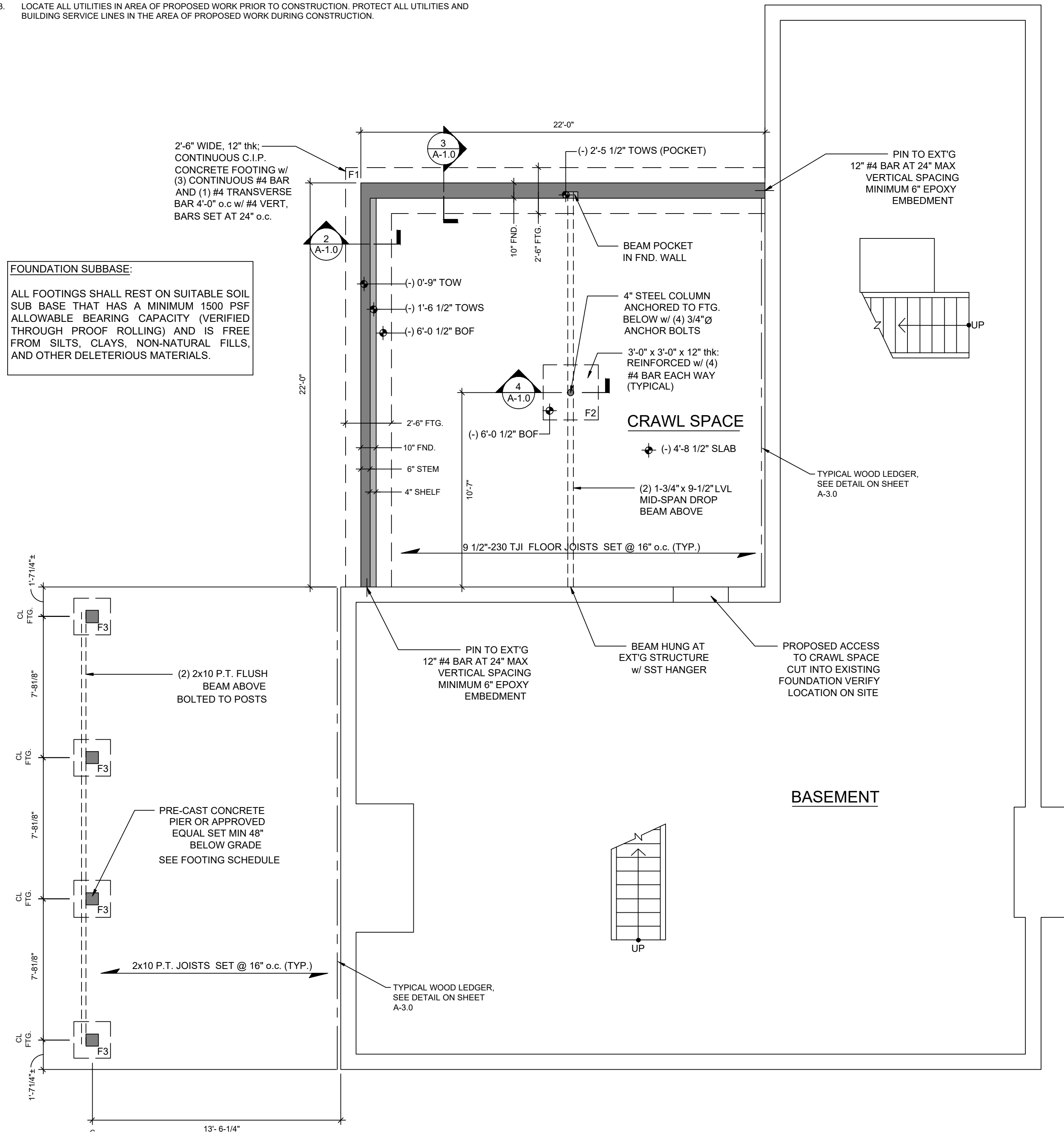
**CONCRETE:**

1. ALL CONCRETE USED IN THE FOOTINGS, WALLS AND SLAB SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. ALL REBAR SHALL BE GRADE 60 INTERMEDIATE GRADE BILLET STEEL DEFORMED BARS CONFORMING TO ASTM-65. INCLUDE SPACERS, CHAIRS, BOLSTERS, TIES AND OTHER DEVICES FOR PROPERLY PLACING, SPLICING, SUPPORTING AND FASTENING.
2. PLACEMENT OF NEW FOOTINGS SHALL BE DONE WITHOUT THE DISTURBANCE OR UNDERMINING OF THE EXISTING SOIL BENEATH THE EXISTING BUILDING'S FOOTING.
3. REINFORCEMENT SHALL BE CLEAN AND FREE FROM LOOSE RUST SCALE OR OTHER COATING.
4. PROVIDE A MINIMUM OF 2" CLEAR COVER ON ALL STEEL REINFORCEMENT, EXCEPT FOR FOOTINGS PROVIDE 3" CLEAR BETWEEN REBAR AND EARTH.
5. ALL CONCRETE WORK SHALL BE COMPLETED IN ACCORDANCE WITH APPLICABLE ACI CODES.
6. ANCHOR BOLTS SHALL BE 5/8" DIA. X 16" LONG (MIN.), PLACED 6" - 0" O.C. LOCATED WITHIN 12" FROM THE END OF EACH PLATE SECTION (MIN. 2 PER SILL)

**FOOTING SCHEDULE**

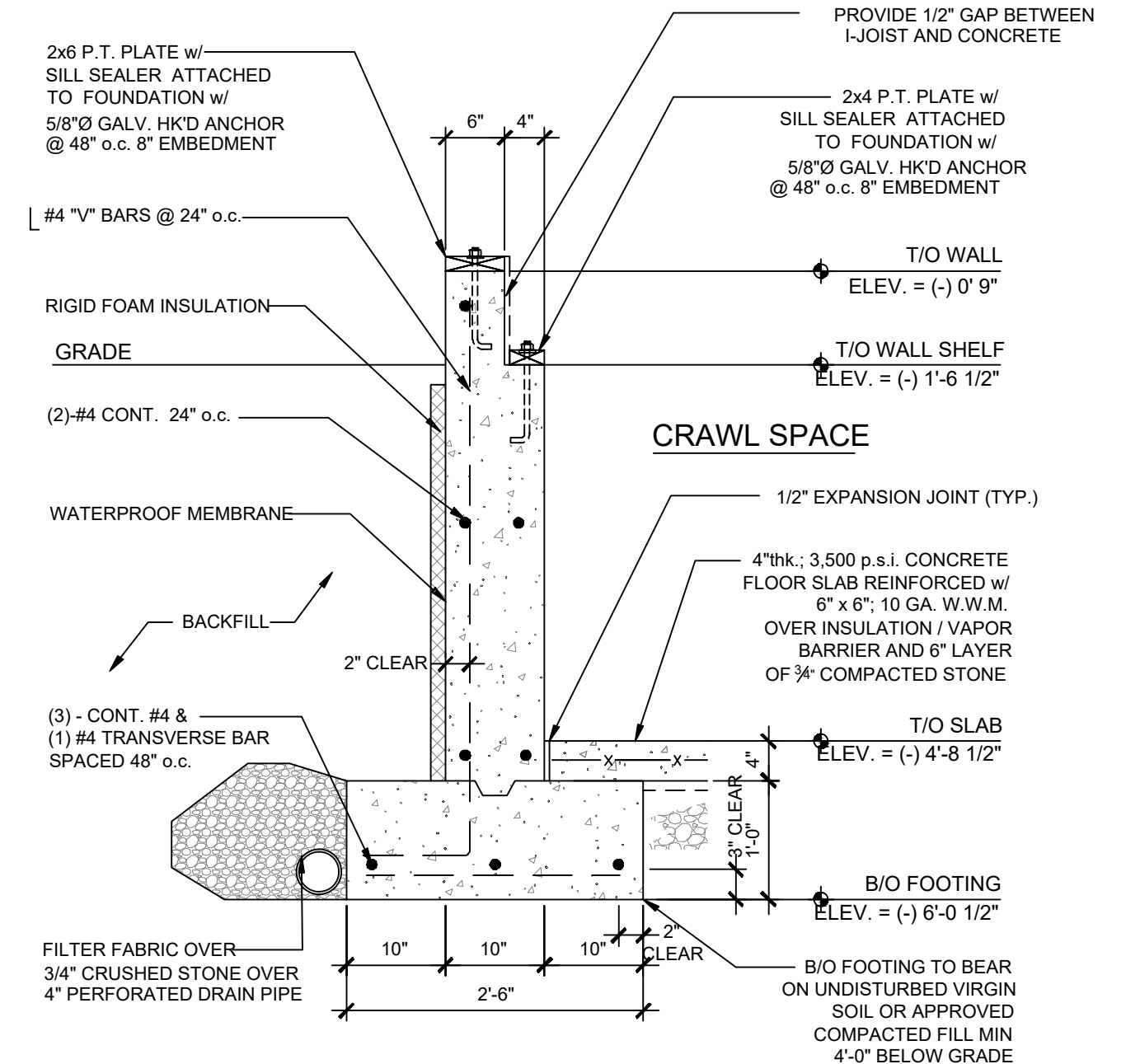
NO.	REMARKS
F1	2'-6" WIDE, 12" THK; CONTINUOUS C.I.P. CONCRETE FOOTING REINFORCED W/ (3) CONTINUOUS #4 BAR AND (1) #4 TRANSVERSE BAR W/ #4 VERT. BARS SET AT 24" o.c.
F2	3'-0" x 3'-0", 12" THK; C.I.P. CONCRETE FOOTING REINFORCED W/ (4) #4 HORIZONTAL BAR EACH WAY
F3	PRE-CAST CONCRETE FOOTING OR APPROVED EQUAL MINIMUM FOOTING SIZE REQUIRED: 24" X 24" SQUARE OR 28" ROUND

**FOUNDATION SUBBASE:**  
ALL FOOTINGS SHALL REST ON SUITABLE SOIL SUB BASE THAT HAS A MINIMUM 1500 PSF ALLOWABLE BEARING CAPACITY (VERIFIED THROUGH PROOF ROLLING) AND IS FREE FROM SILTS, CLAYS, NON-NATURAL FILLS, AND OTHER DELETERIOUS MATERIALS.

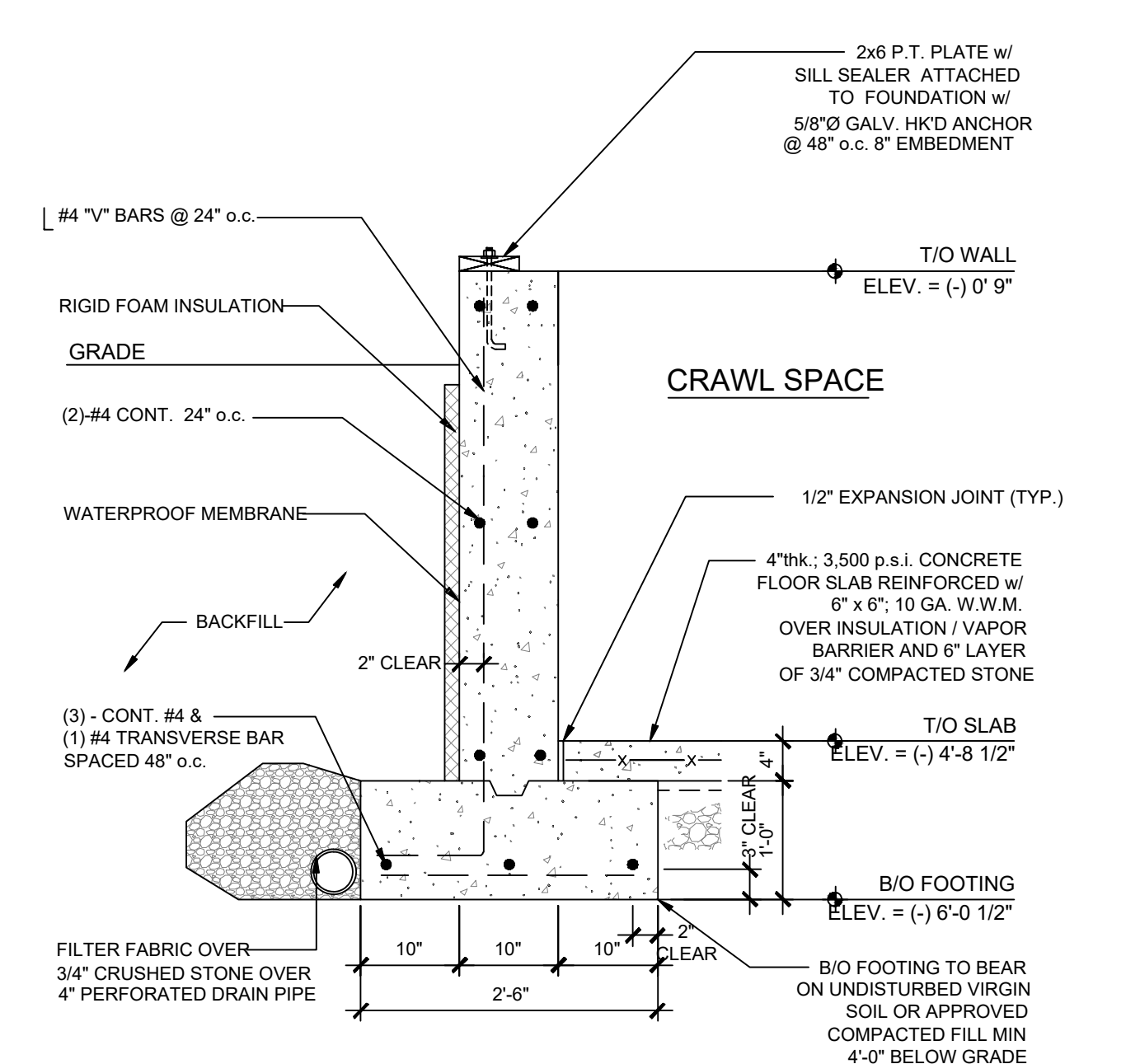


- X'-X" TOW Top Of Wall Elevation
- X'-X" TOW Shelf Top Of Wall Shelf Elevation
- X'-X" BOF Bottom Of Footing Elevation

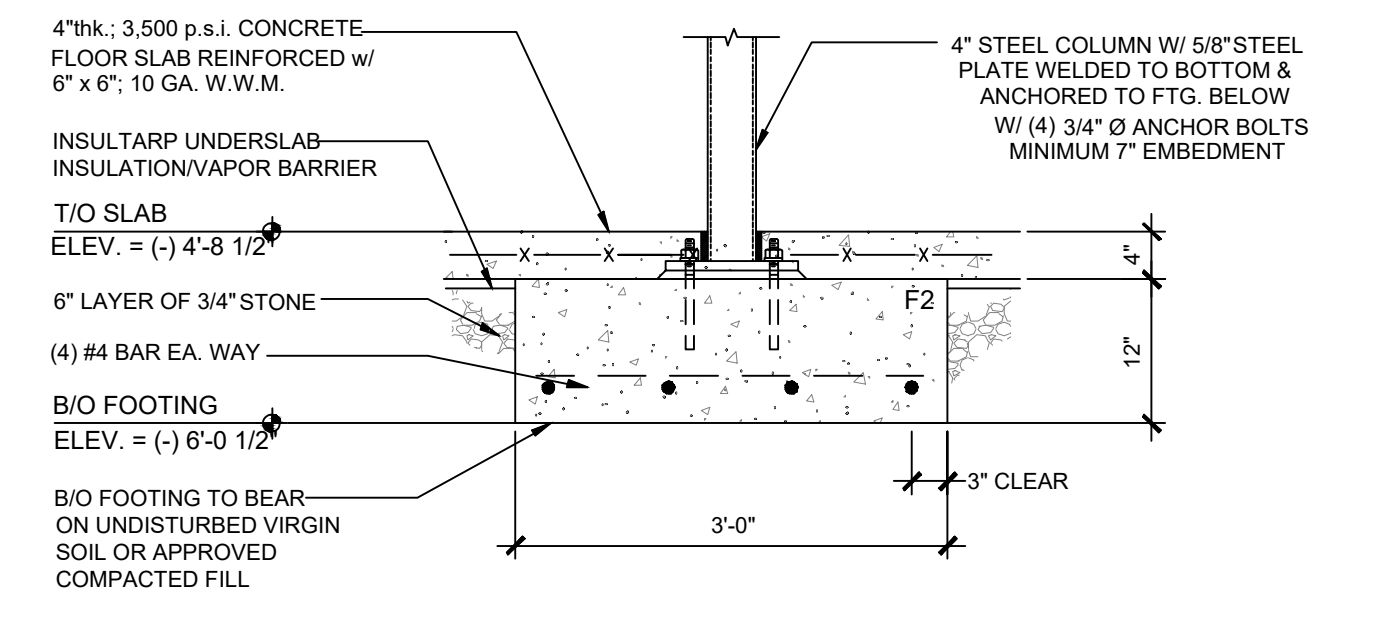
**1 FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"



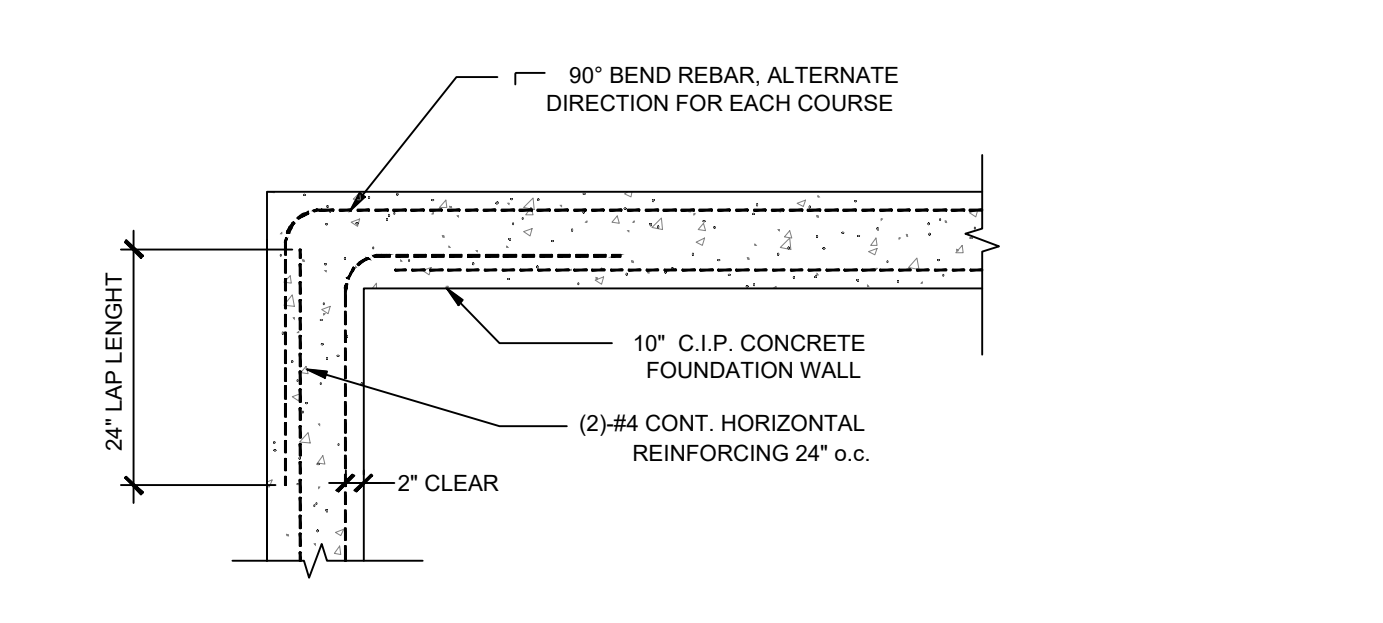
**2 SECTION AT FOUNDATION WALL**  
SCALE: 3/4" = 1'-0"



**3 SECTION AT FOUNDATION WALL**  
SCALE: 3/4" = 1'-0"



**4 SECTION AT FOOTING**  
SCALE: 3/4" = 1'-0"



**5 TYPICAL CORNER REINFORCING**  
SCALE: 3/4" = 1'-0"

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NOTE:  
EXISTING ARCHITECTURE BY OTHERS. FIELD CHECK AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO ORDERING, FABRICATION AND/OR CONSTRUCTION.

**Kirby A. Judson**  
Drafting and Design

PROPOSED ALTERATIONS & ADDITIONS FOR  
**METCALF PROPERTY**  
1193 SHUNPIKE MILLBROOK, NY 12545

SUBMISSION  
**CONSTRUCTION DOCUMENTS**  
\*\*FORMATTED FOR\*\*  
24" x 36" SHEETS

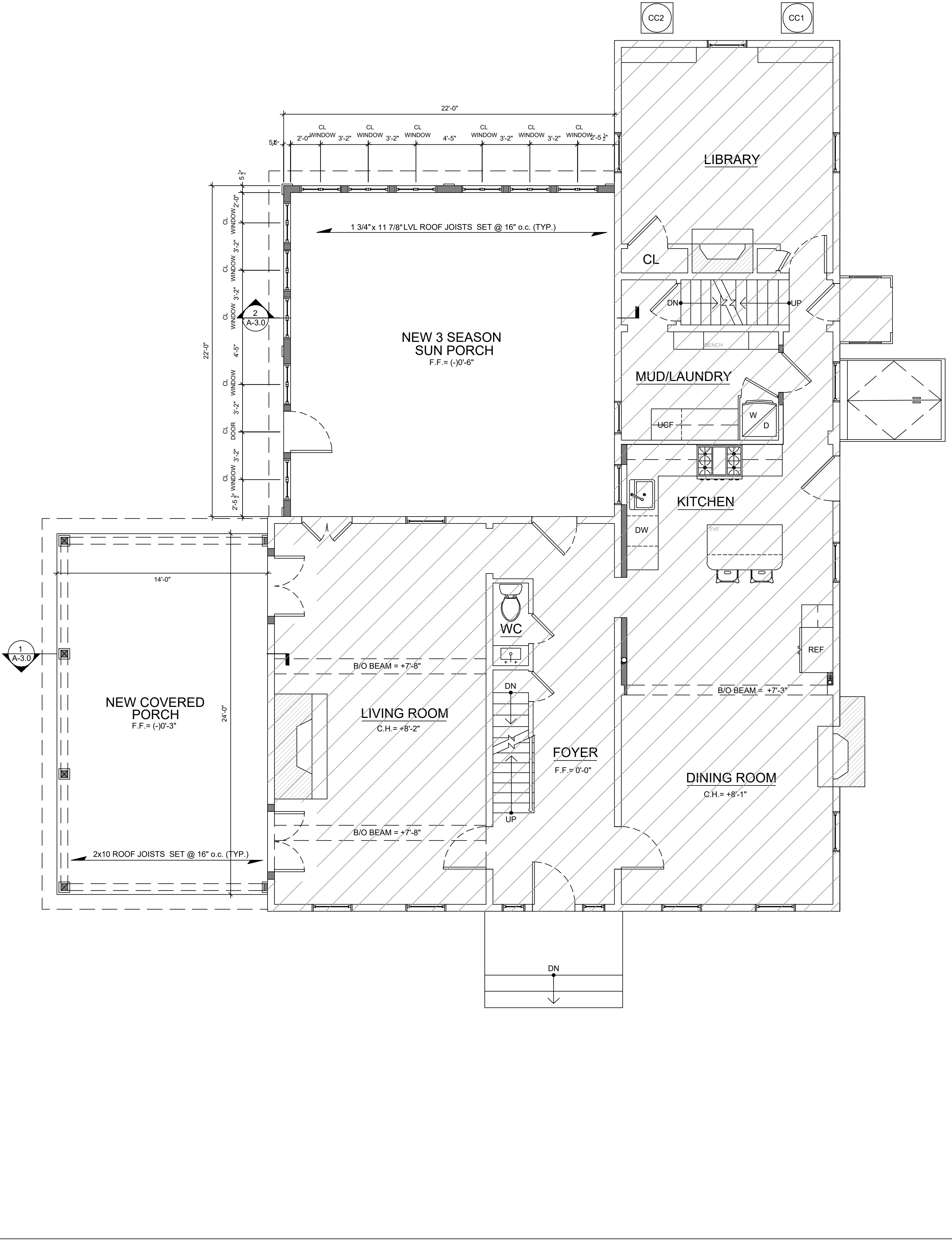
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DRAWING NAME  
FOUNDATION PLANS

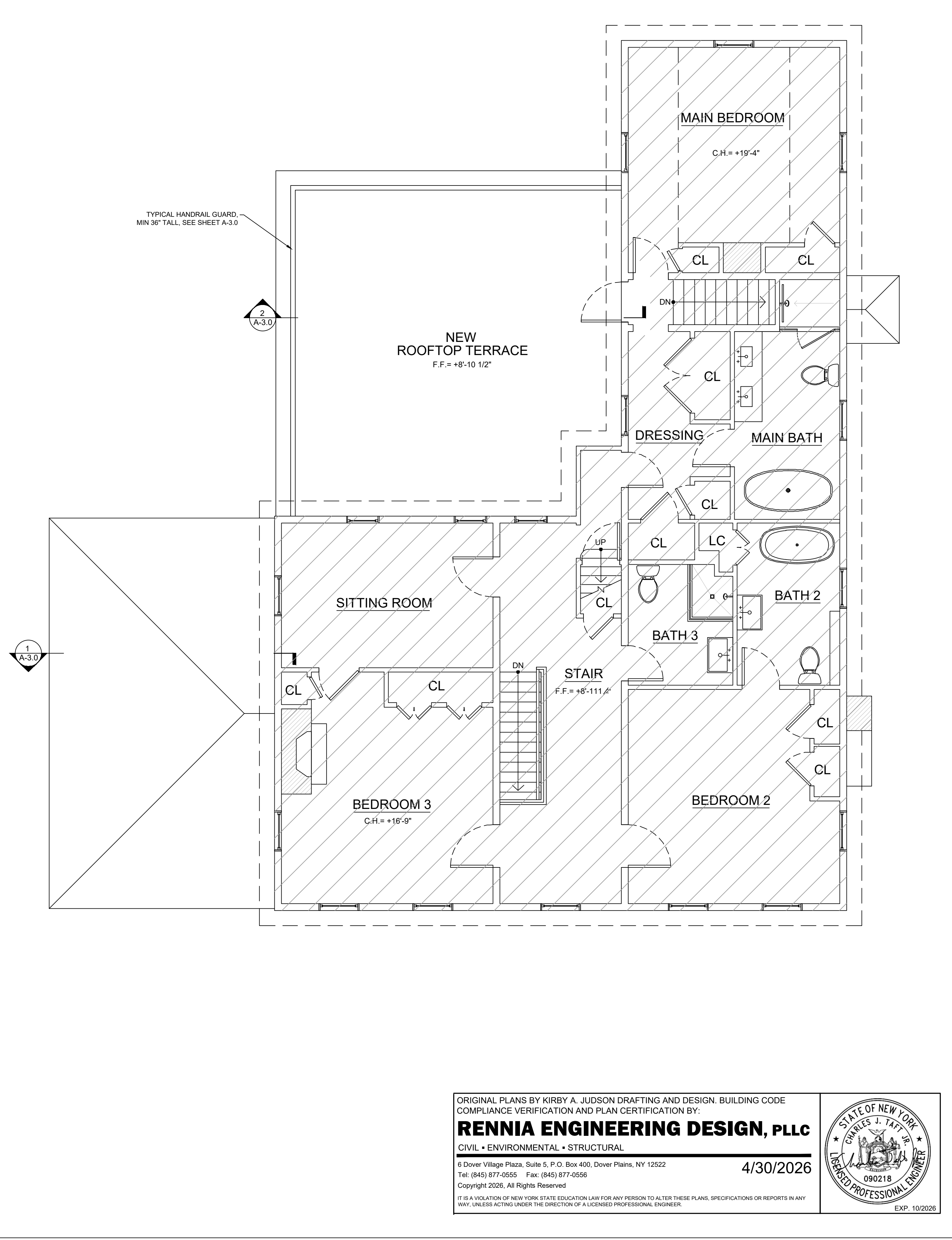
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1 FIRST FLOOR PLAN  
SCALE: 1/4" = 1'-0"  
0'-0" 2'-0" 4'-0" 8'-0"



2 SECOND FLOOR PLAN  
SCALE: 1/4" = 1'-0"  
0'-0" 2'-0" 4'-0" 8'-0"

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Drafting and Design

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PLANS

SHEET NO.

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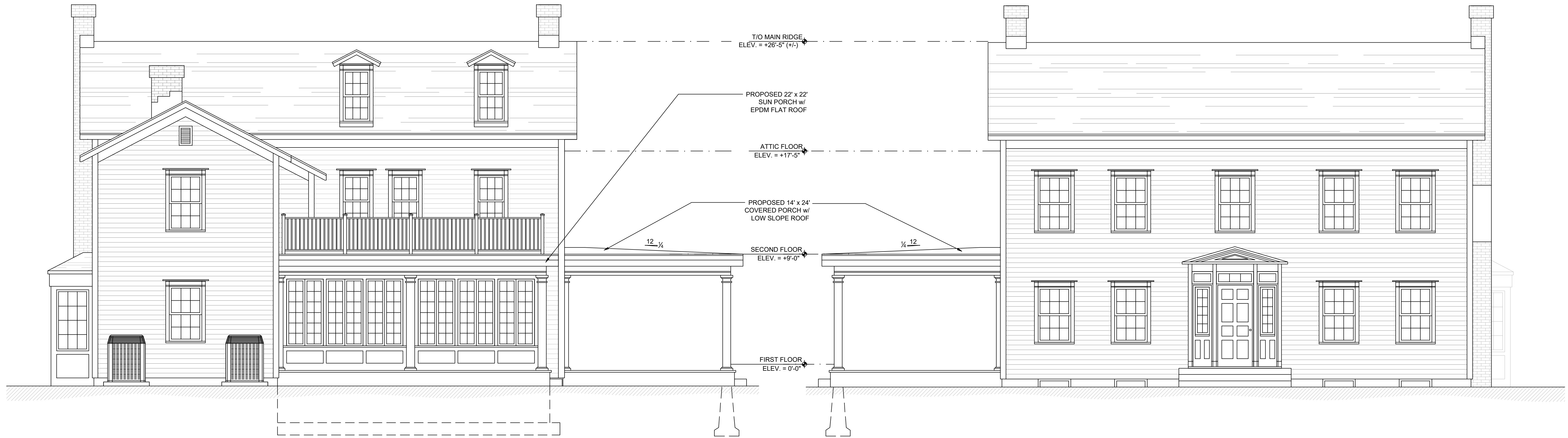
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1 NORTH ELEVATION  
SCALE : 1/4" = 1'-0"  
0'-0" 2'-0" 4'-0" 8'-0"

2 SOUTH ELEVATION  
SCALE : 1/4" = 1'-0"  
0'-0" 2'-0" 4'-0" 8'-0"

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3 WEST ELEVATION  
SCALE : 1/4" = 1'-0"  
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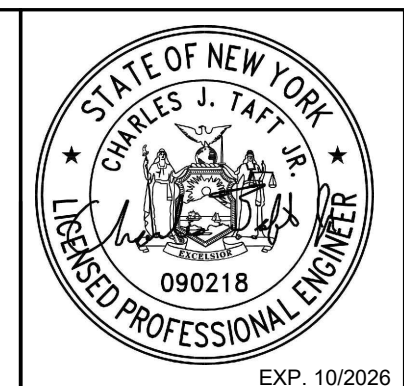
**THERMAL AND MOISTURE PROTECTION:**

1. ALL ROOFING AND SIDING MATERIALS SHALL BE INSTALLED IN STRICT CONFORMANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. ALL EXTERIOR JOINTS BETWEEN WINDOWS, DOORS AND OTHER SURFACES SHALL BE CAULKED WITH A WATERPROOF CAULKING.
3. ALL ROOF VALLEYS SHALL BE CONSTRUCTED WITH MIN. 26 GAUGE GALVANIZED FLASHING OR AS PER THE SPECIFIED ROOF SYSTEM.
4. VAPOR BARRIER SHALL BE APPLIED TO ALL NEW EXTERIOR WALLS. USE ZIP SYSTEMS EPOXY COATED SHEATHING OR USE TYVEK HOUSE WRAP OVER PLAIN PLYWOOD EXTERIOR SHEATHING OR OTHER EQUIVALENT PRODUCT / SYSTEM.
5. 6 MIL. VAPOR BARRIER SHALL BE PLACED BELOW 6" COMPACTED GRAVEL UNDER FOUNDATION SLAB.
6. ALL EXTERIOR WALLS AND ROOF SHALL HAVE THE CODE-REQUIRED INSULATION VALUE.
7. PROVIDE CORROSION-RESISTANT FLASHING AT TOP AND SIDES OF DOORS, WINDOWS, AND AT ROOF PENETRATIONS.

**ELECTRICAL (BY OTHERS):**

1. ELECTRICIAN SHALL FILE SEPARATELY FOR ALL ELECTRICAL PERMITS AND INSPECTIONS.
2. ELECTRICIAN SHALL BE LICENSED AND INSURED TO PERFORM WORK IN THIS JURISDICTION.
3. ALL DEVICES AND WIRING SHALL BE OF AN APPROVED TYPE AS REQUIRED BY THE N.E.C. AND ALL LOCAL CODES GOVERNING.
4. VERTICALLY MOUNT OUTLETS AT 18" A.F.F. UNLESS NOTED OTHERWISE.
5. ALL STANDARD RECESSED FIXTURES SHALL BE I.C. TYPE W/60-WATT PAR 30 BULBS, UNLESS OTHERWISE NOTED. COORDINATE TRIM KITS WITH OWNER.
6. COORDINATE TYPES AND LOCATIONS OF ALL FIXTURES, SWITCHES, DEVICES AND OUTLETS WITH OWNER.
7. ALL SURFACE FIXTURES SHALL HAVE A COVER OR GLOBE - NO BARE-BULB FIXTURES PERMITTED.
8. ELECTRICIAN SHALL INSTALL ALL NEW ELECTRICAL SERVICE WIRING, CALCULATE PROPOSED LOADING REQUIREMENTS FOR THE PROPOSED RESIDENTIAL USAGE, AND ENSURE THAT AN APPROPRIATELY-SIZED ELECTRICAL PANEL IS INSTALLED FOR THE LOADS REQUIRED. CONTRACTOR SHALL COORDINATE WORK AND COMPLY WITH THE LOCAL UTILITY COMPANY AS REQUIRED.

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