

UNDERHILL FARMS CHAPEL RENOVATION

TOWN OF YORKTOWN - WESTCHESTER COUNTY



NOTES:
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SEAL
Joseph G. Thompson, RA
New York State License #036057

Underhill Farms Chapel Renovation

Underhill Sound/View, LLC (Owner)
370 Underhill Ave
Yorktown Heights, New York 10598
S-B-L: 48-06-1-30
Town of Yorktown - Westchester County

FOR PLANNING BOARD REVIEW AND APPROVAL

Building Construction Compliance - Certification

- Title 19 (NYCRR)
- Chapter XXXIII - State Fire Prevention and Building Code Counsel
- Subchapter A - Uniform Fire Prevention and Building Code

I do hereby certify that these drawings and specifications have been prepared under my supervision, and that to the best of my knowledge and professional judgment, the design has been made in conformance with all applicable requirements of Title 19 (NYCRR) - Chapter XXXIII, Subchapter A and the following referenced codes of New York State:

Existing Building Code of New York State- 2020 Edition

Signed _____
Joseph G. Thompson, NYS Registered Architect (License # 036057)

SCOPE OF WORK

RECONSTRUCTION OF EXISTING SALVAGED HISTORIC CHAPEL STRUCTURE ON A NEW FOUNDATION INCLUDING RENOVATIONS AND ALTERATIONS TO ADAPTIVELY REUSE AS A SINGLE FAMILY RESIDENCE.

STRUCTURAL DESIGN LOADS

FLOOR LIVE LOAD: 40 LB LL/SF
FLOOR DEAD LOAD: 10 LB DL/SF
LIVE LOAD DEFLECTION LIMIT: L/360 LL
DEAD LOAD DEFLECTION LIMIT: L/240 TL

ENERGY CODE COMPLIANCE PER RCNYS 2020

CRITERIA	CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT U-FACTOR	SHGC	CEILING R-VALUE	WOOD FRAME WALL	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL	SLAB	CRAWL SPACE WALL
MIN. REQ'D VALUE	4	0.35	0.35	0.4	49 CAVITY	20 CAVITY OR 13 + 5ci	8/13	19 CAVITY	10ci OR 13 CAVITY	10, 2 FT	10 CI OR 13 CAVITY
PROVIDED VALUE	4	0.35 OR LESS	N/A	0.4 OR LESS	49 CAVITY	21 CAVITY	N/A	30 CAVITY	N/A	N/A	N/A

NOTE: CLIMATE ZONE 4 ESTABLISHED PER IEC TABLE R301J FOR WESTCHESTER COUNTY.

Town of Yorktown, New York

Ground Snow Load	Wind Design				Seismic Category	Subject to Damage From			Ice Shield Underlayment	Flood Hazards	Air Freezing Index	Mean Annual Temp
	Wind Speed	Topo Effects	Special Wind Region	Wind-borne Debris Zone		Weathering	Frost Depth	Termite				
30	90	No	No	No	C	Severe	42"	Moderate to Heavy	Yes	N/A	1,500 or Less	51.6

DRAWING LIST

GENERAL:

G0.01 TITLE SHEET

EXISTING/ DEMOLITION:

A1.01 EXISTING PLAN
AX2.01 EXISTING ELEVATIONS

ARCHITECTURAL:

A1.01 NEW FOUNDATION & FLOOR PLAN
A2.01 NEW ELEVATIONS
A3.01 NEW SECTIONS & DETAILS

ELECTRICAL:

E1.01 NEW ELECTRICAL PLAN

Date: June 7, 2024

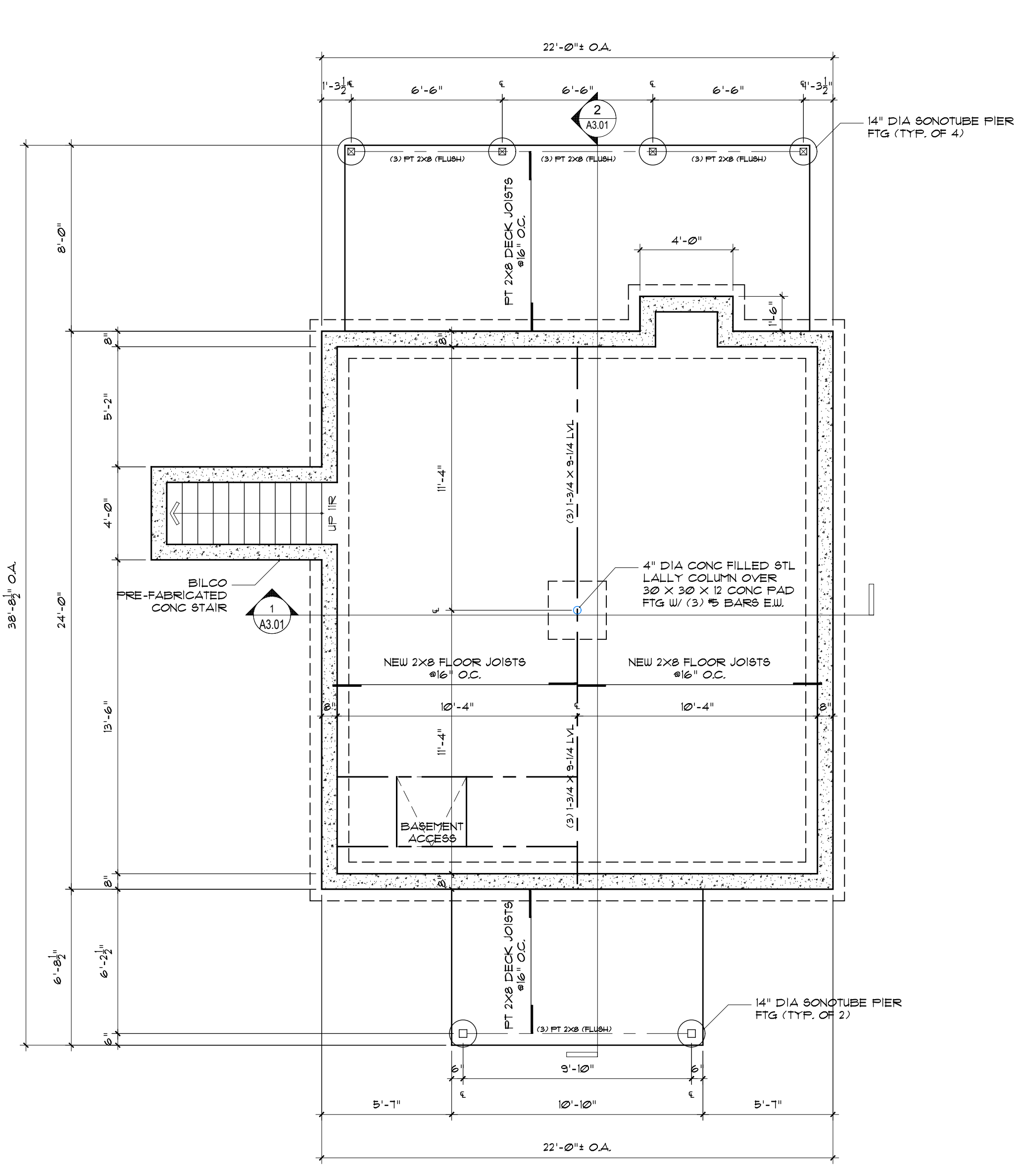
Revisions:
 1
 2
 3
 4

G1.01

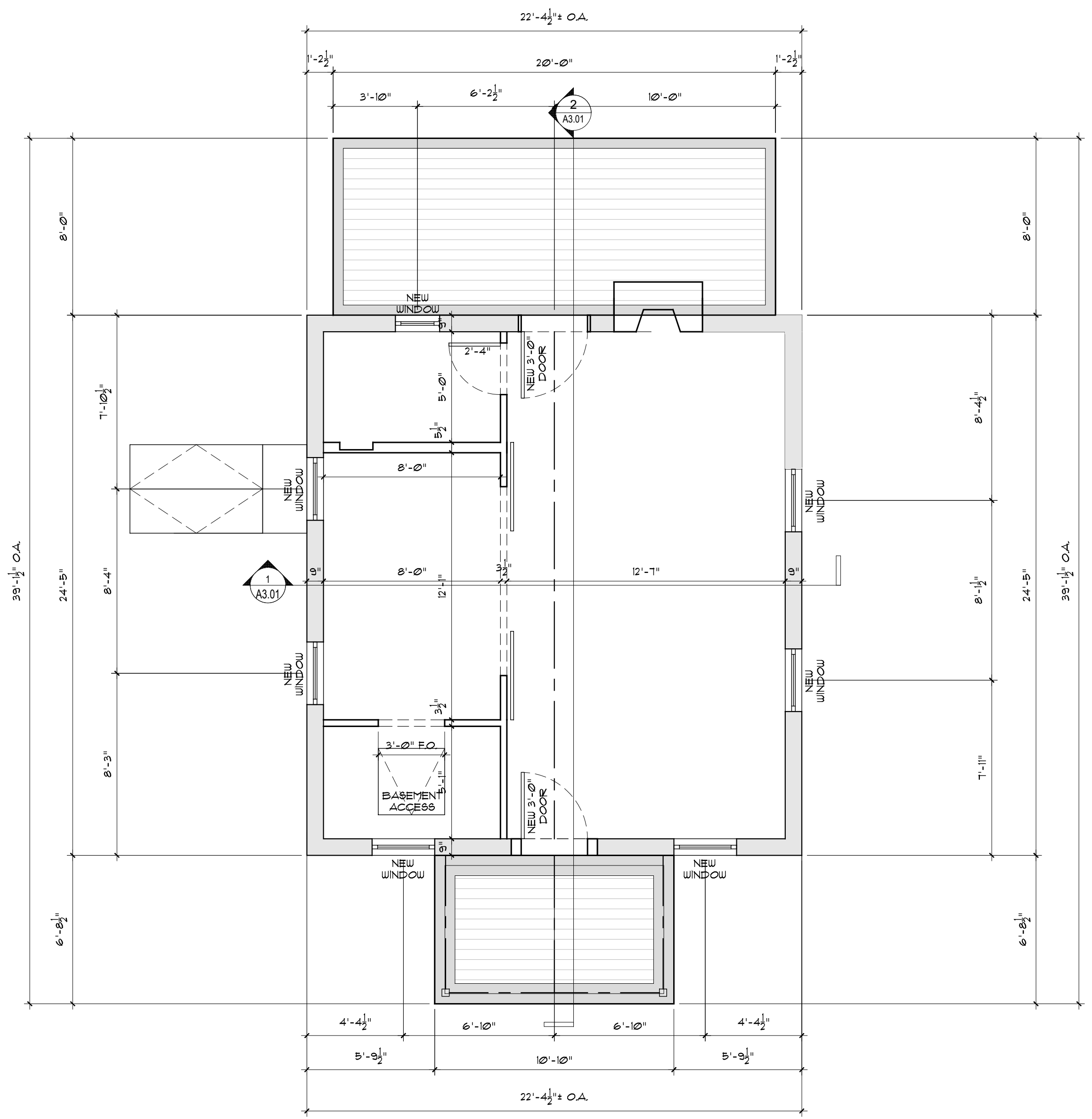
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1
S1.01 New Foundation Plan
Scale: 1/4" = 1'-0"



2
S1.01 New Framing Plan
Scale: 1/4" = 1'-0"

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976
Yorktown Heights, New York 10588
S-B-L: 48.06-1-30
Town of Yorktown - Westchester County

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Wall Indication Legend

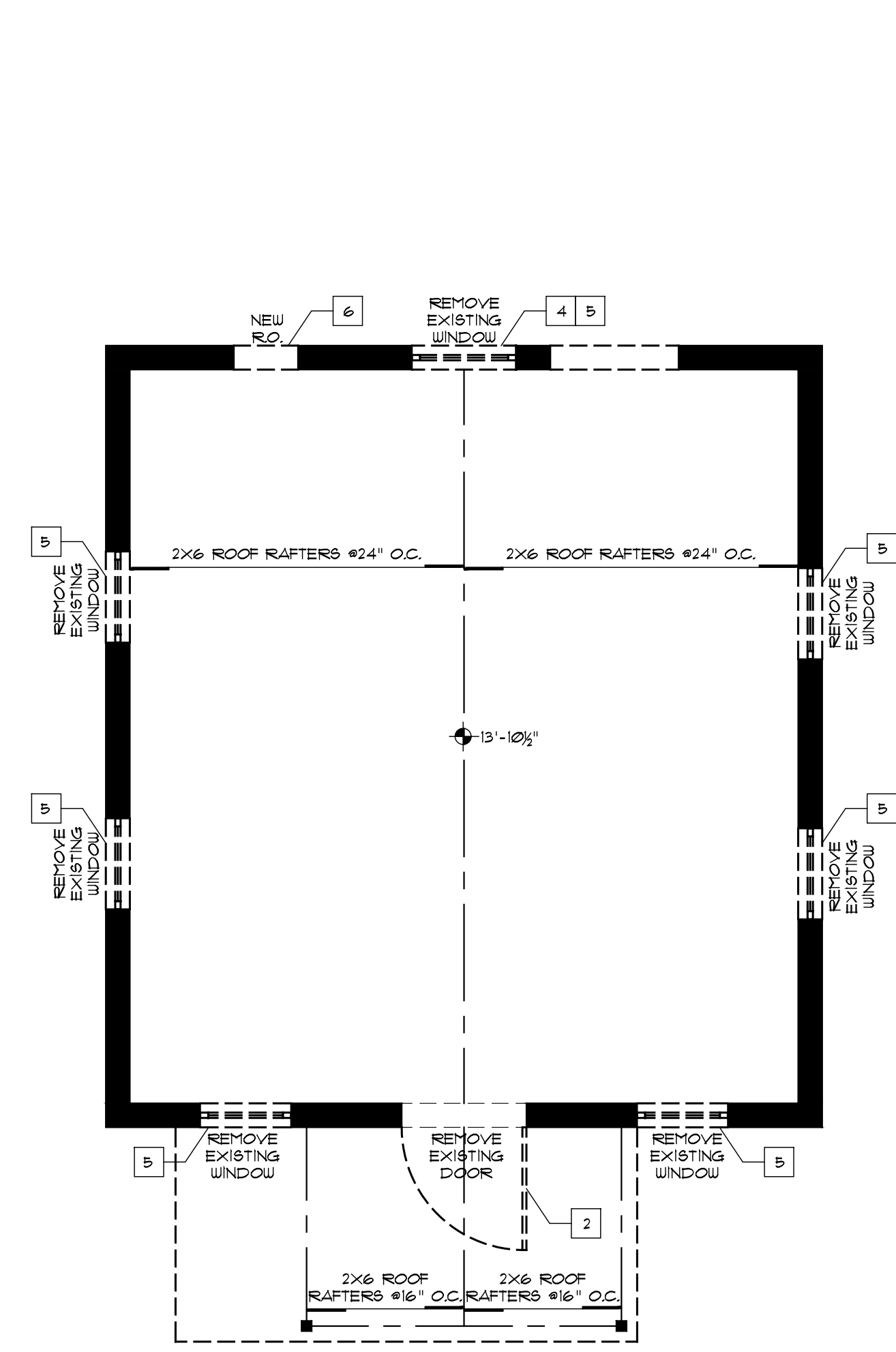
- EXISTING WALLS TO REMAIN
- EXISTING TO BE REMOVED

General Demolition Notes

CEASE OPERATION AND NOTIFY ARCHITECT IMMEDIATELY IF SAFETY OF STRUCTURE APPEARS TO BE ENDANGERED. TAKE PRECAUTIONS TO SUPPORT STRUCTURE UNTIL DETERMINATION IS MADE FOR CONTINUING OPERATIONS.
DEMOLITION DRAWINGS DO NOT INCLUDE MECHANICAL/ELECTRICAL DEMOLITION AND ITS AFFECTS ON DEMOLITION OF GENERAL CONSTRUCTION ITEMS.
CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING ELEMENTS TO REMAIN FROM ANY DAMAGE DURING DEMOLITION.
THE CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING ADJACENT CONSTRUCTION AS MAY BE REQUIRED AFTER DEMOLITION TO PROVIDE A COMPLETE INSTALLATION.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING OF ALL DEBRIS CAUSED BY DEMOLITION. THE CONTRACTOR SHALL NOT ALLOW ANY EXCESSIVE DEBRIS TO ACCUMULATE ON THE SITE AT ANY TIME.
CONTRACTOR TO CEASE WORK AND NOTIFY OWNER SHOULD ANY HAZARDOUS MATERIALS BE ENCOUNTERED AND PERFORM ABATEMENT/REMEDIATION WORK ACCORDINGLY.

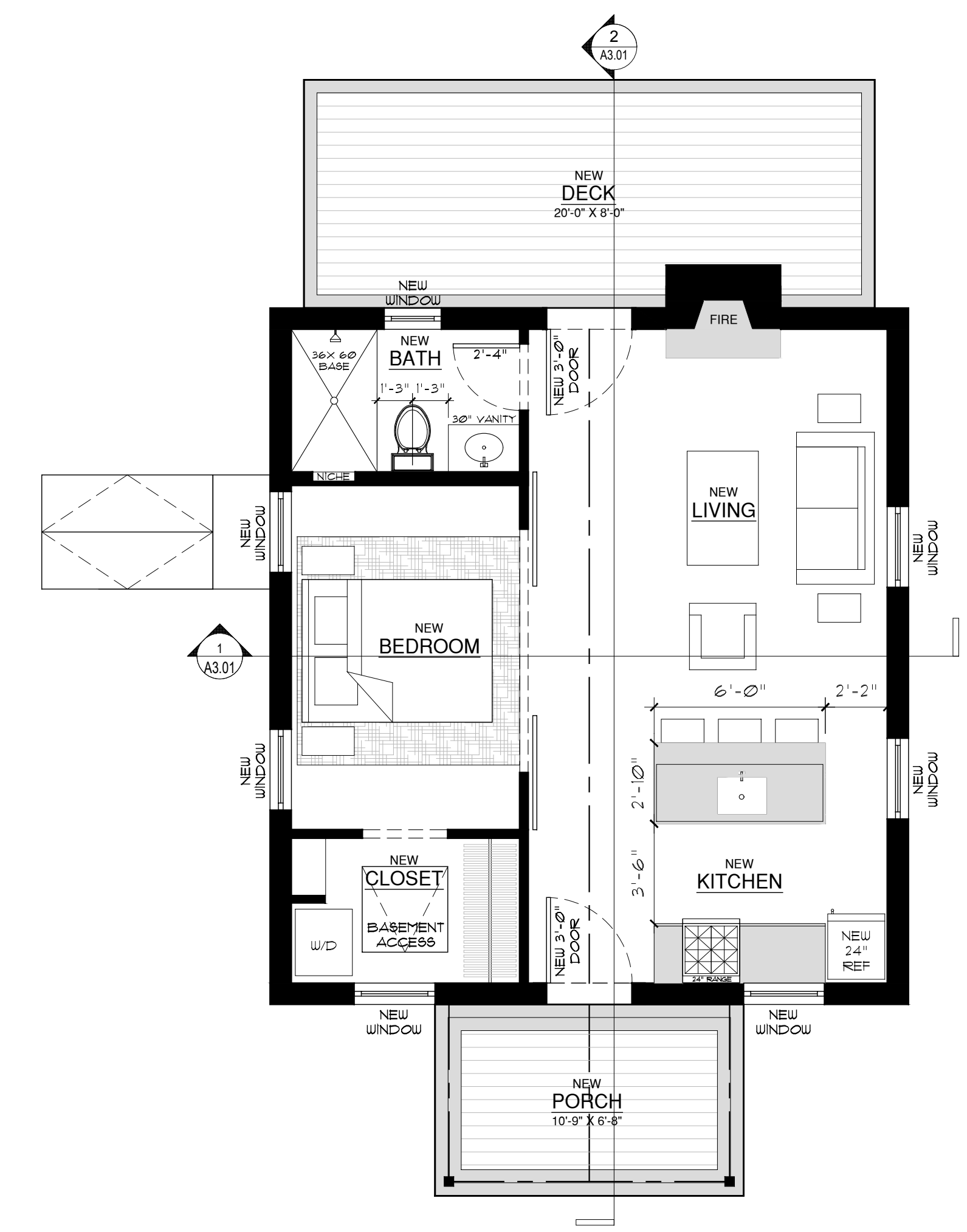
Keyed Demolition Notes

- # DEMOLITION NOTE SYMBOL
1. REMOVE EXISTING INTERIOR PARTITION INCLUDING ELECTRICAL, OUTLETS, SWITCHES, ETC. AND TERMINATE IN ACCORDANCE WITH NEC REQUIREMENTS.
 2. REMOVE EXISTING DOOR, FRAME AND HARDWARE.
 3. REMOVE EXISTING PLUMBING FIXTURES AND CAP PIPES.
 4. PARTIALLY REMOVE PORTION OF EXISTING WALL TO FACILITATE CONSTRUCTION OF NEW R.O. FOR NEW DOOR INSTALL - REFER TO NEW PLAN.
 5. REMOVE EXISTING WINDOW AND PREPARE OPENING FOR INSTALL OF NEW REPLACEMENT DOOR/WINDOW UNIT - REFER TO NEW PLAN.
 6. PARTIALLY REMOVE PORTION OF EXISTING WALL TO FACILITATE CONSTRUCTION OF ANEW R.O. FOR NEW WINDOW INSTALL - REFER TO NEW PLAN.
 7. LICENSED ELECTRICIAN TO RELOCATE EXISTING ELECTRICAL PANELS



1 Existing Plan (550+/- Gross SF)
A1.01 Scale: 1/4" = 1'-0"

NOTE: REFER TO SPECIFICATIONS BY STRUCTURAL ENGINEER FOR EXISTING STRUCTURE RELOCATION



3 New Floor Plan
A1.01 Scale: 1/4" = 1'-0"

Underhill Farms Chapel Renovation

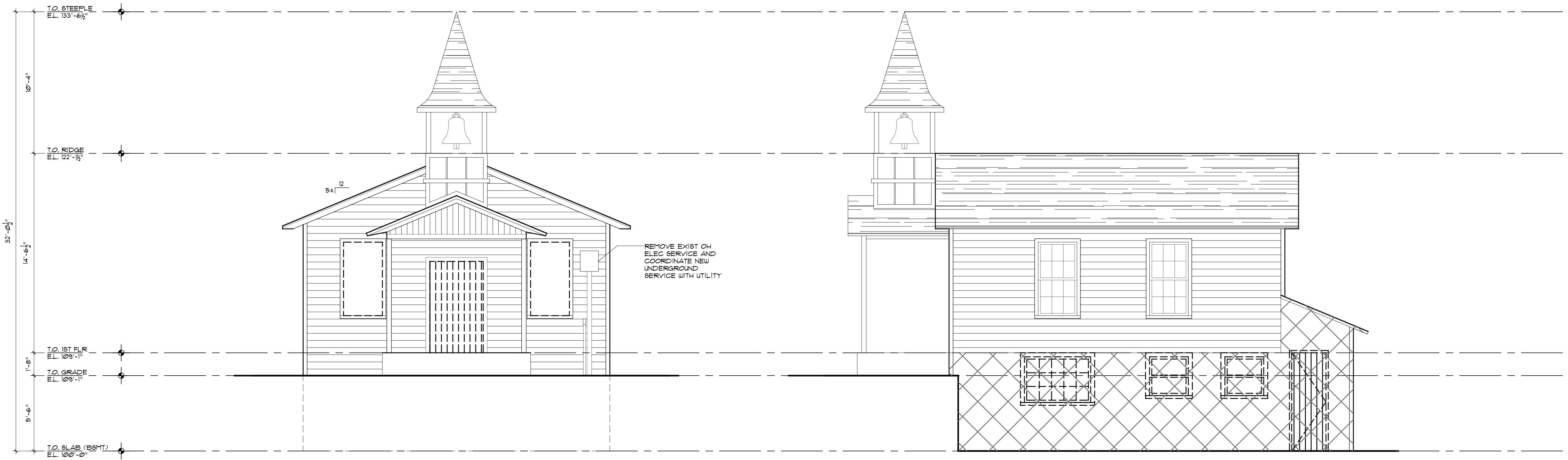
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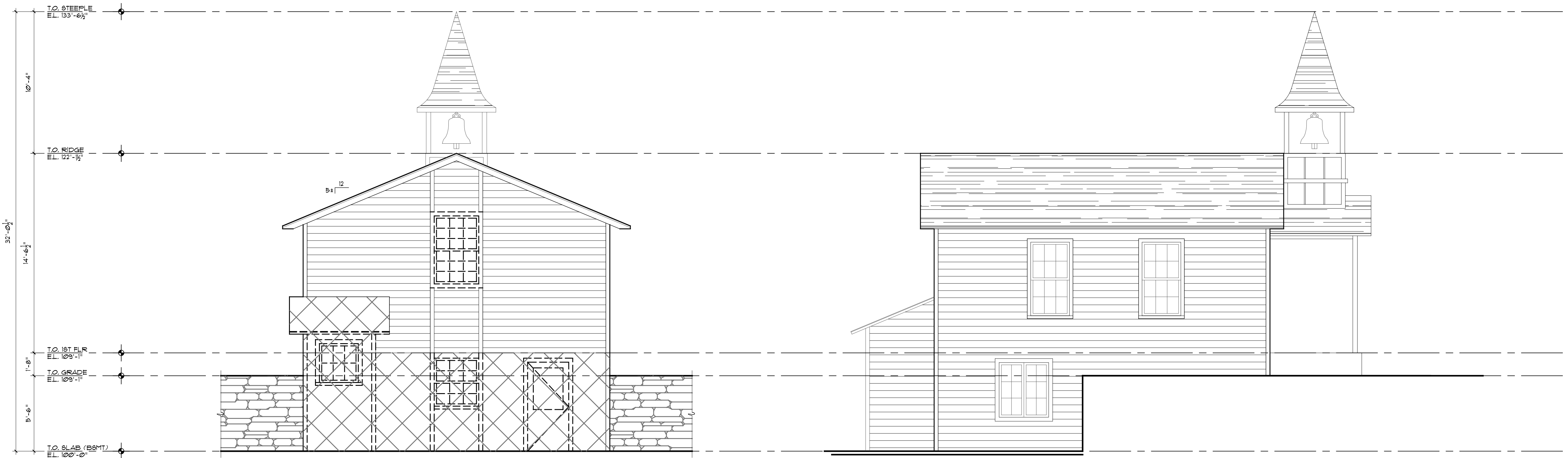
Revisions:

A1.01



1 Existing South Elevation
 AX2.01 Scale: 1/4" = 1'-0"

2 Existing East Elevation
 AX2.01 Scale: 1/4" = 1'-0"



3 Existing North Elevation
 AX2.01 Scale: 1/4" = 1'-0"

4 Existing West Elevation
 AX2.01 Scale: 1/4" = 1'-0"

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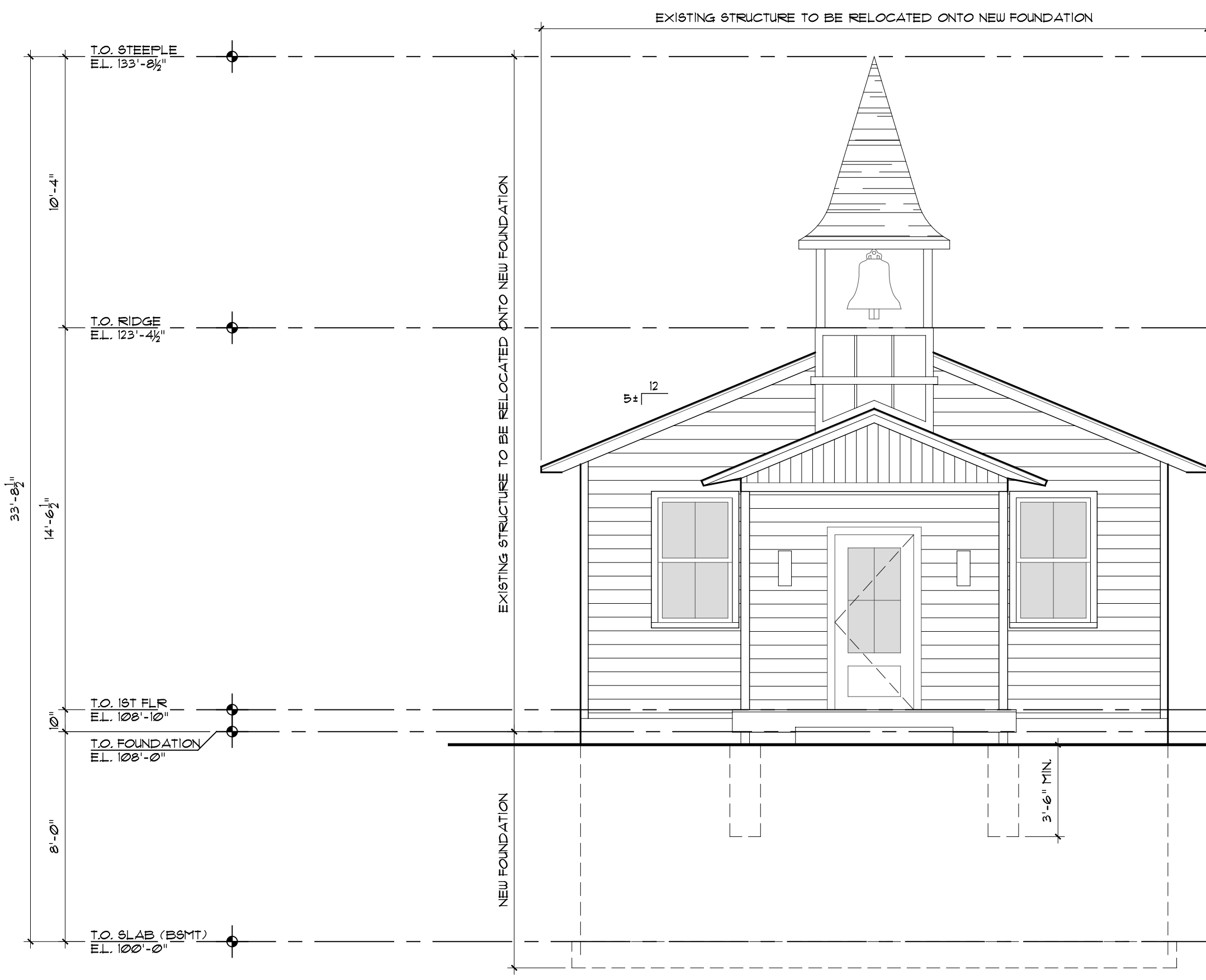
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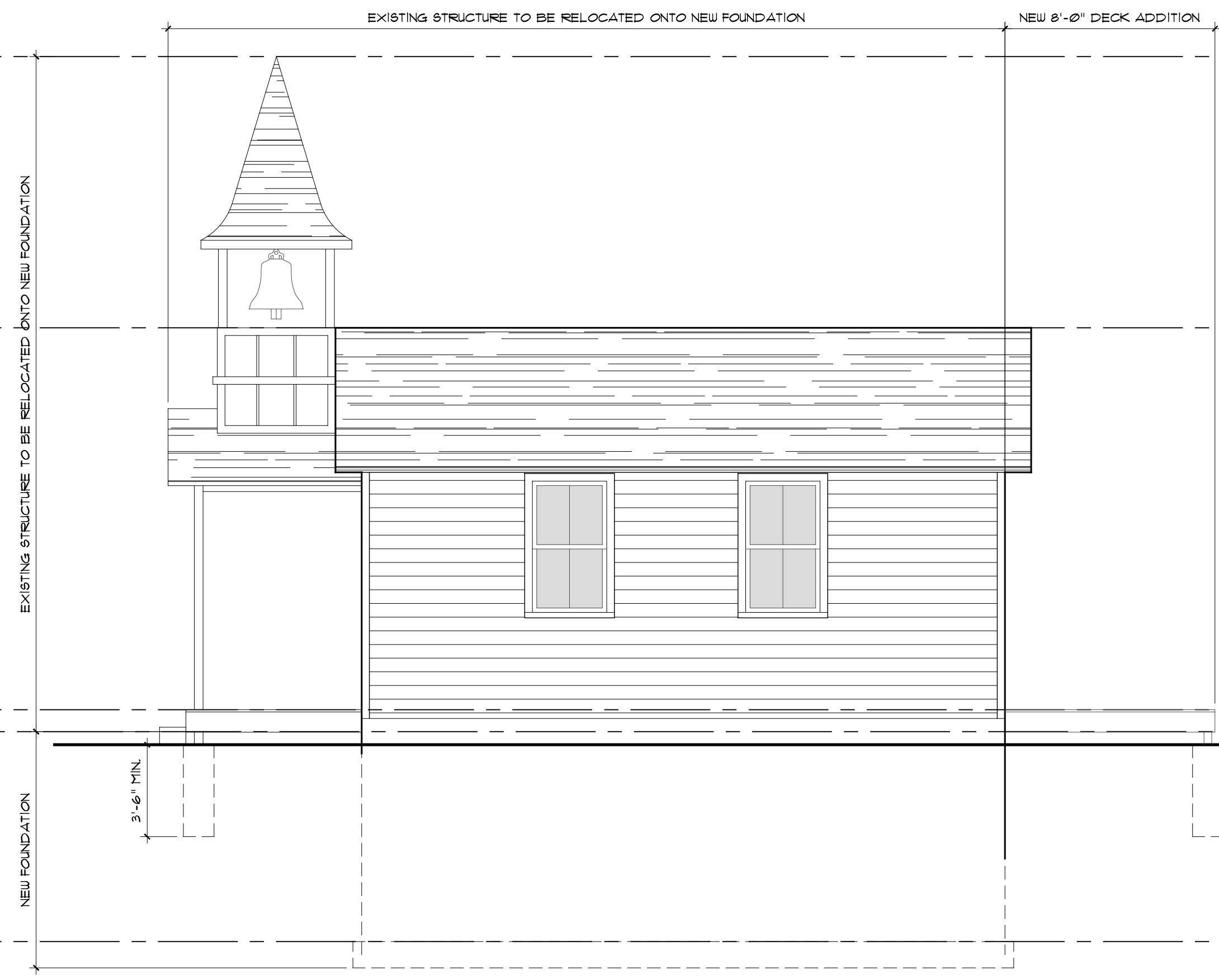
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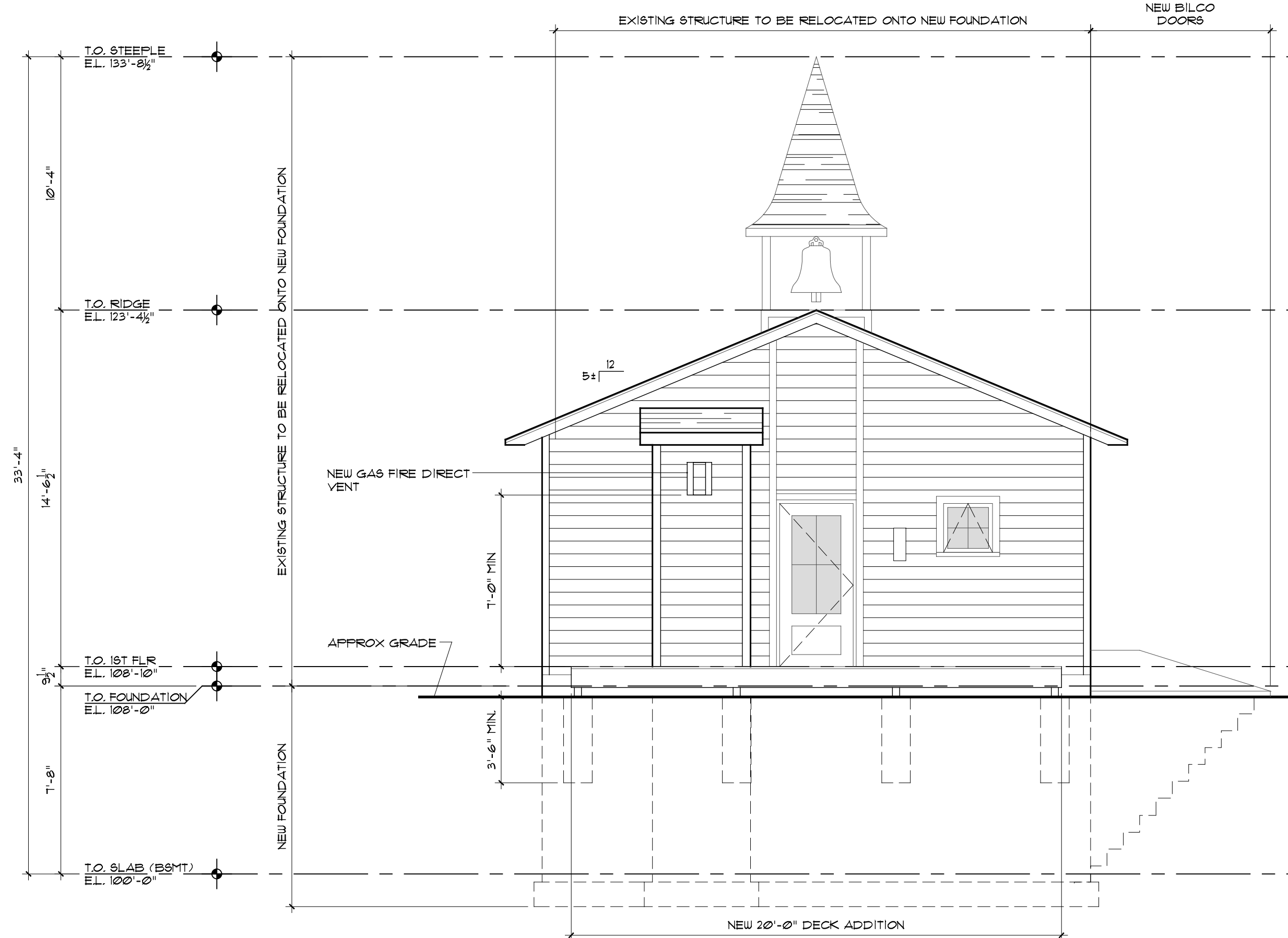
AX2.01



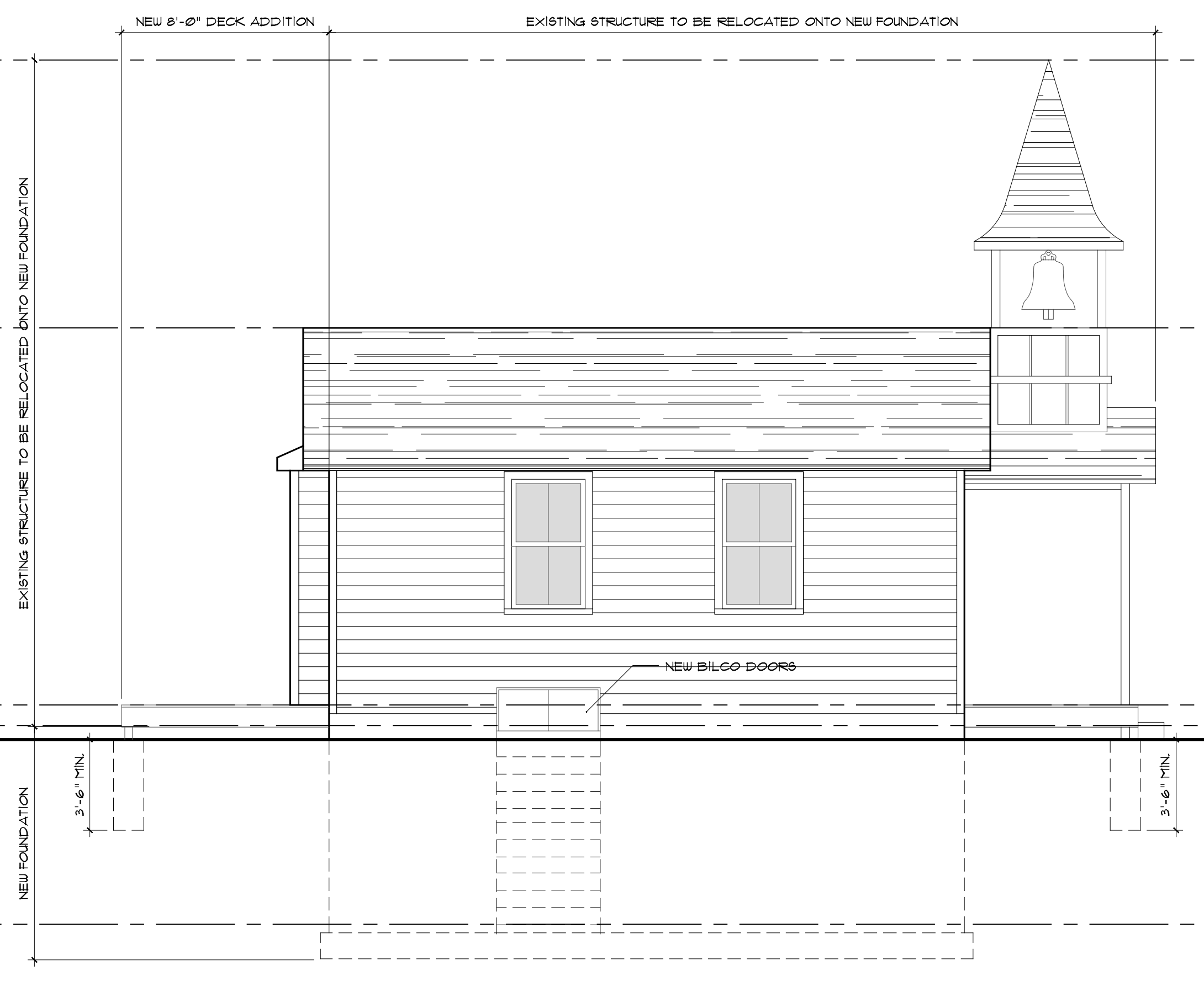
1 New South Elevation
 A2.01 Scale: 1/4" = 1'-0"



2 New East Elevation
 A2.01 Scale: 1/4" = 1'-0"

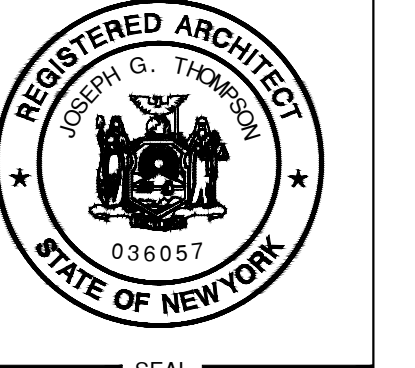


3 New North Elevation
 A2.01 Scale: 1/4" = 1'-0"



4 New West Elevation
 A2.01 Scale: 1/4" = 1'-0"

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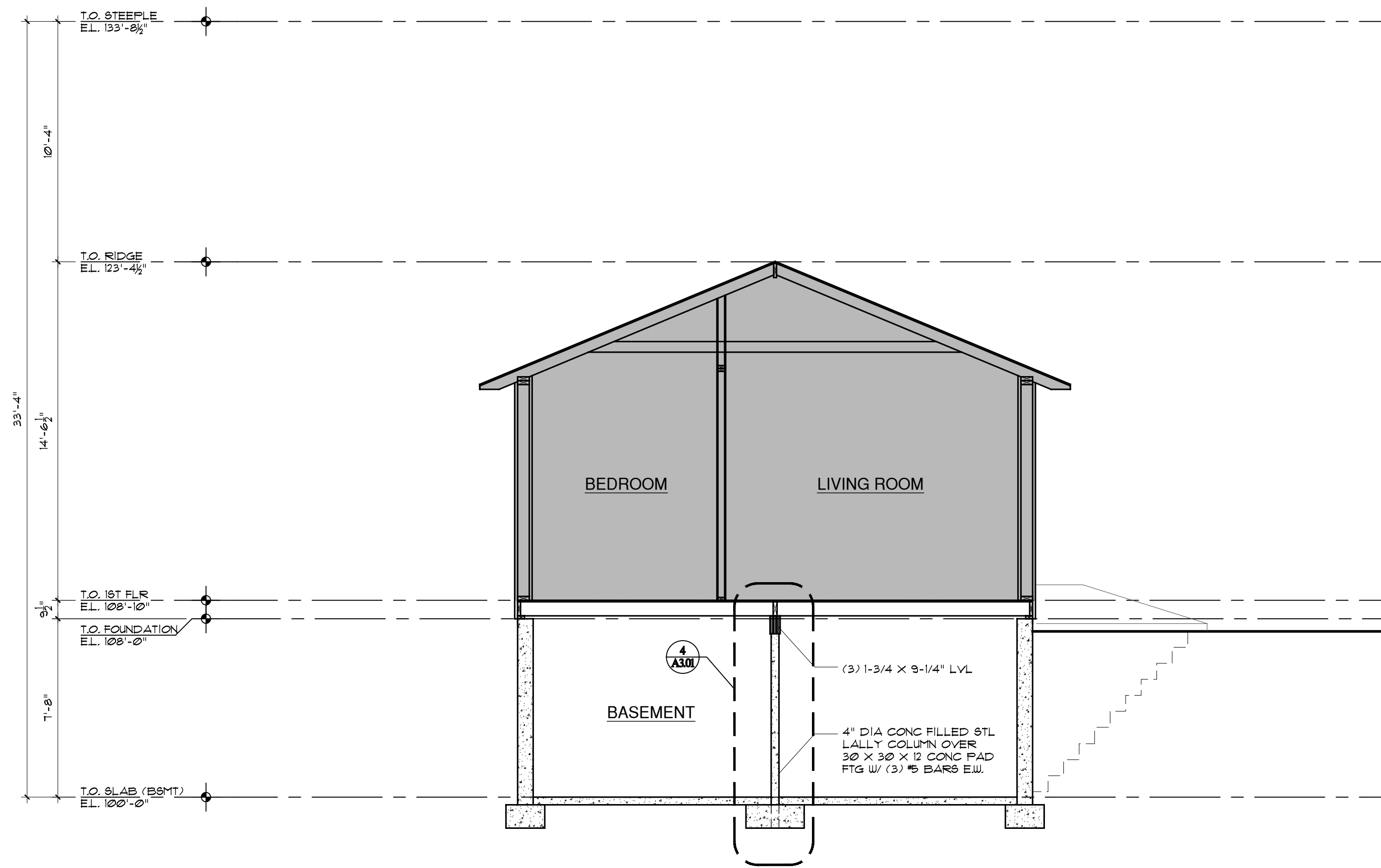
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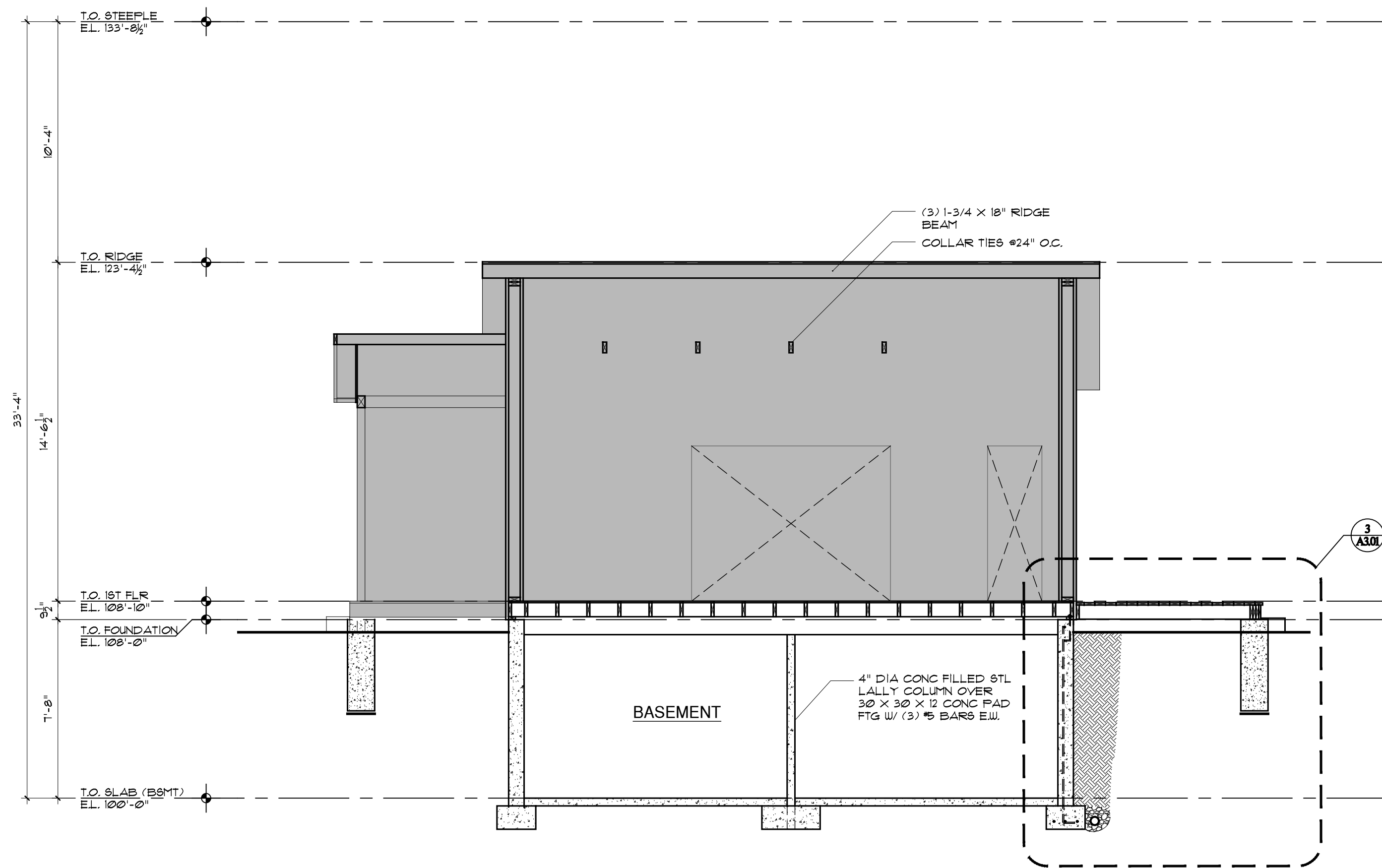
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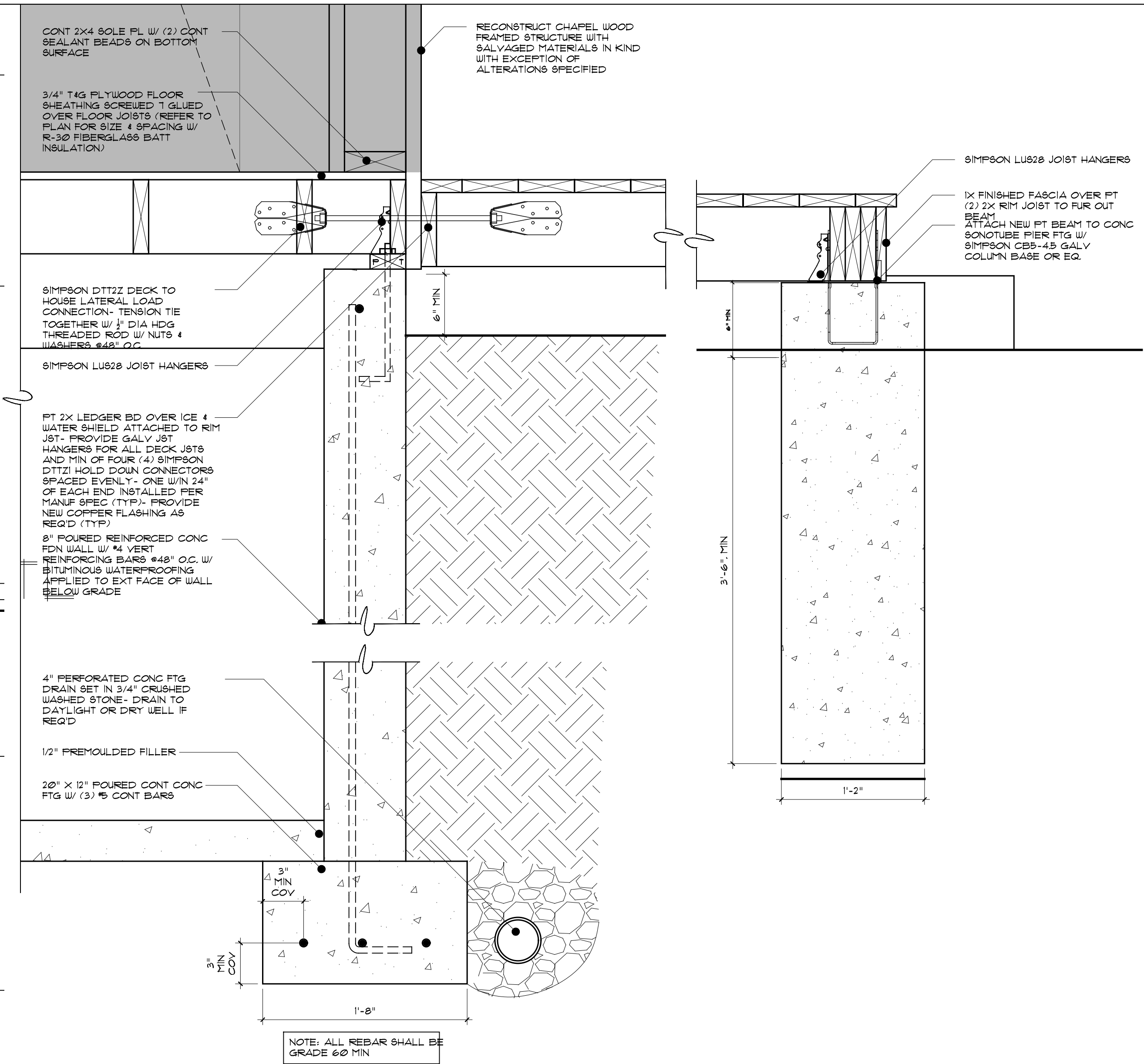
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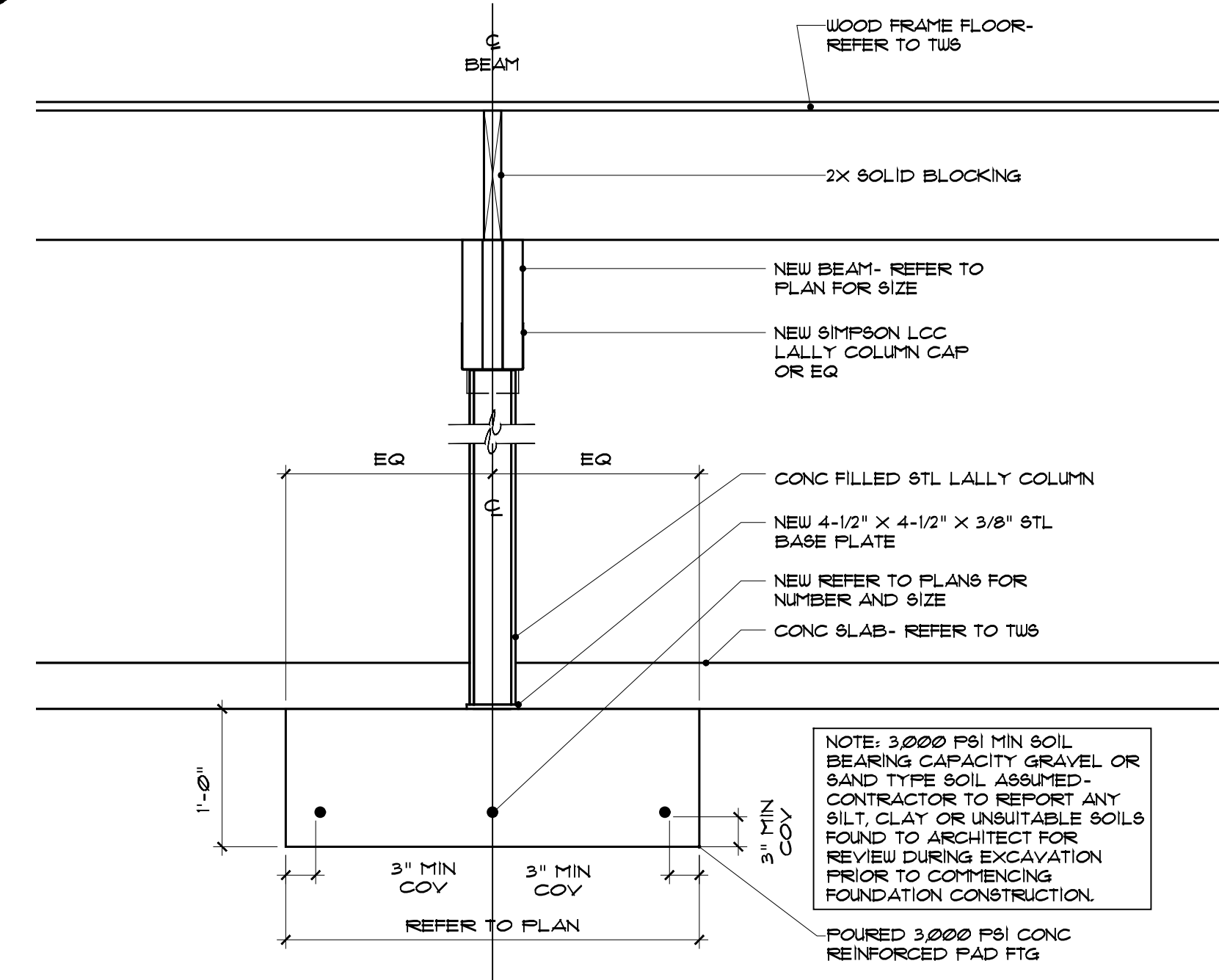
1 New Section
A3.01 Scale: 1/4" = 1'-0"



2 New Section
A3.01 Scale: 1/4" = 1'-0"



3 New Typical Wall Section
A3.01 Scale: 1-1/2" = 1'-0"



4 Typical Beam-Column Footing Detail
A3.01 Scale: 1/2" = 1'-0"

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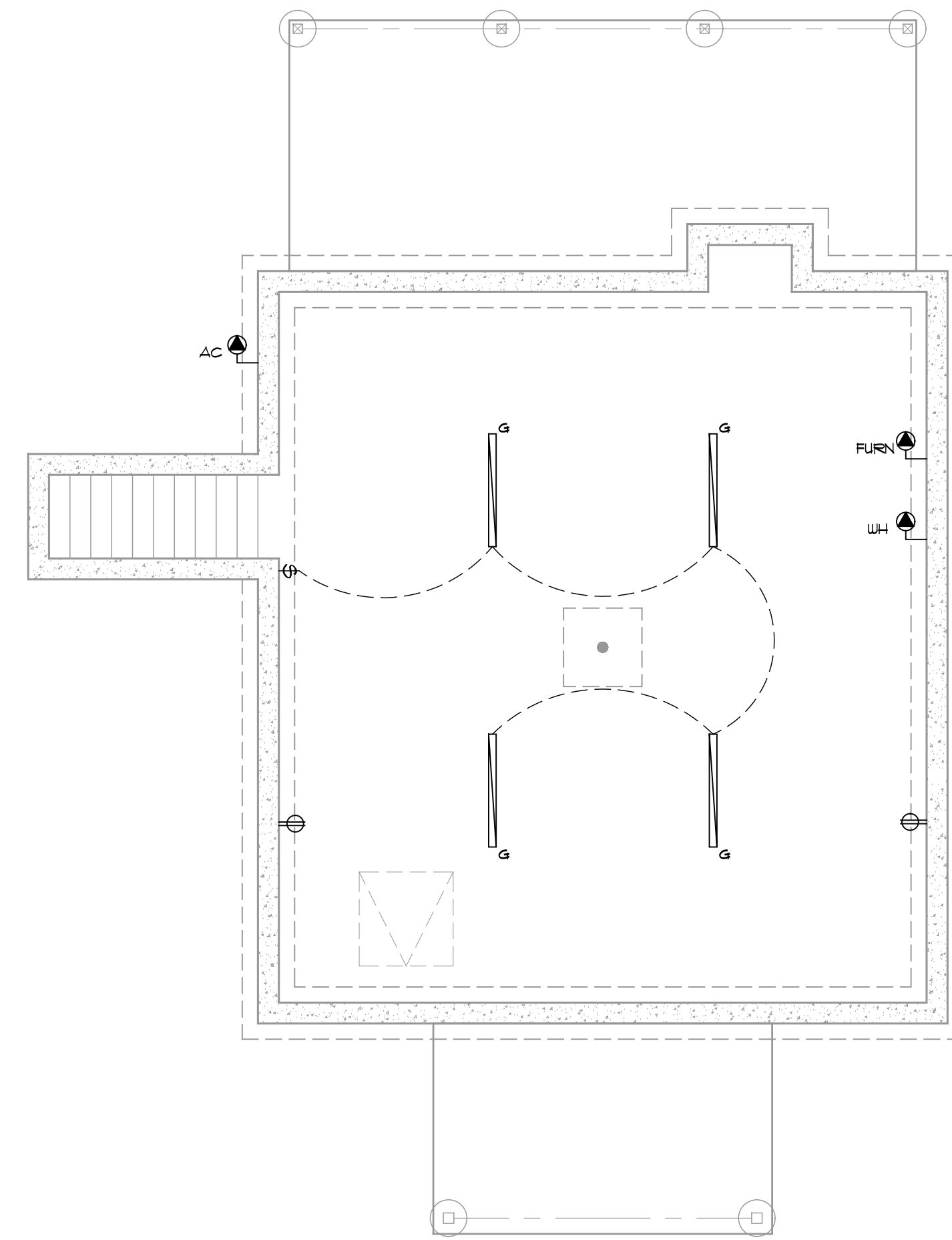
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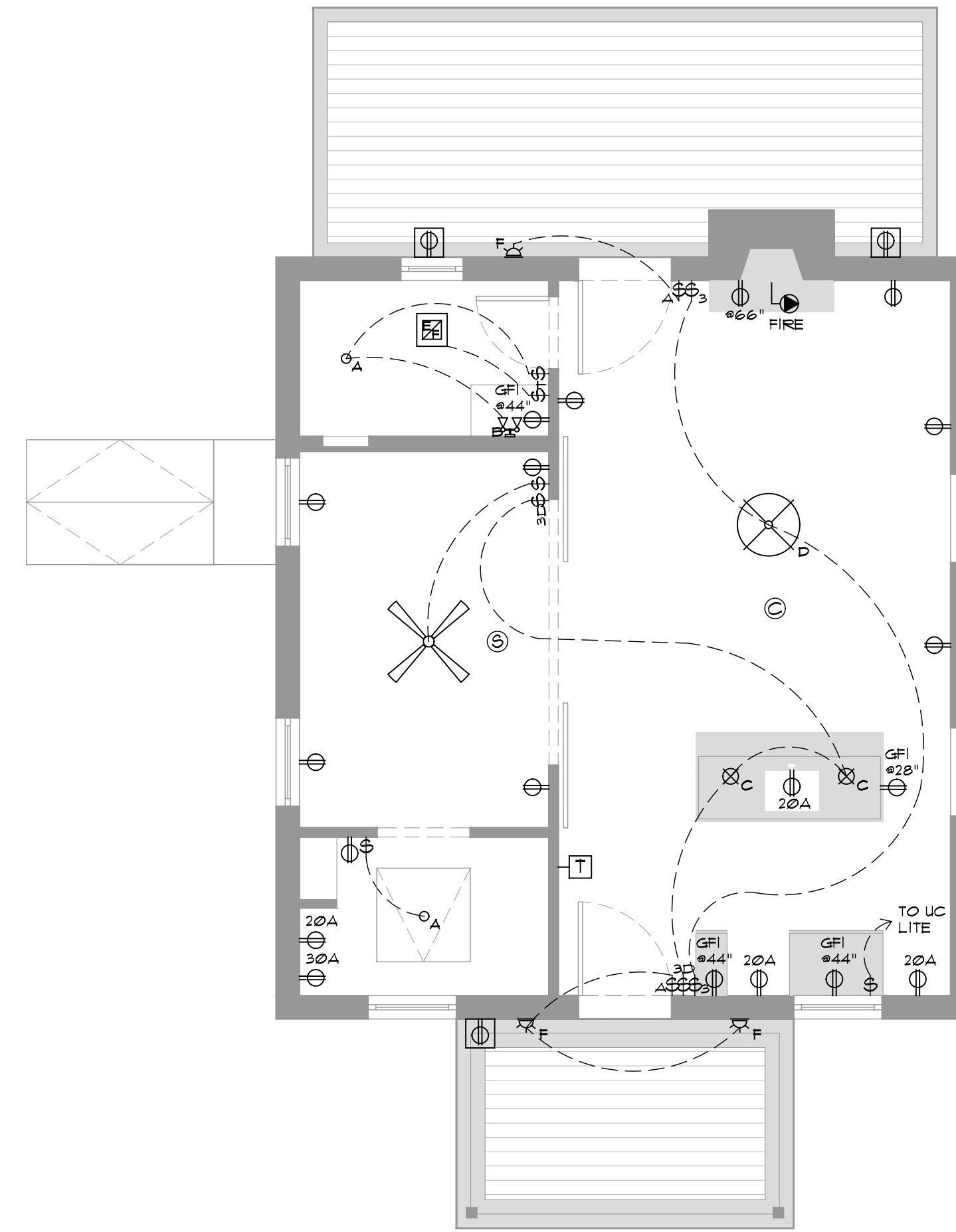
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Revisions:



1 Basement Electrical Plan
 E1.01 Scale: 1/4" = 1'-0"



2 First Floor Electrical Plan
 E1.01 Scale: 1/4" = 1'-0"

Electrical Notes

- ALL ELECTRICAL SWITCH HEIGHTS ARE TO BE INSTALLED AT 44" ABOVE FINISHED FLOOR, TO CENTERLINE, UNLESS OTHERWISE NOTED.
- ELECTRICAL DIAGRAMS PREPARED TO DEPICT GENERAL LAYOUT. ACTUAL INSTALL MAY VARY. GC SHALL ENSURE THAT ALL ELECTRICAL WORK PERFORMED MEETS OR EXCEEDS THE MINIMUM REQUIREMENTS OF THE NATIONAL ELECTRIC CODE LATEST EDITION, AND THE INTERNATIONAL RESIDENTIAL CODED - 2015 EDITION.
- THE ELECTRIC CONTRACTOR SHALL OBTAIN, PAY FOR AND COMPLY WITH ALL REQUIRED PERMITS. THE ELECTRICAL CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS AND SUBMIT COPIES OF ACCEPTANCE CERTIFICATES TO OWNER PRIOR TO COMPLETION OF PROJECT.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL BOXES, FITTINGS, CONNECTORS, COVER PLATES, AND OTHER MISCELLANEOUS ITEMS, NOT NECESSARILY DETAILED ON THESE DRAWINGS TO RENDER THE ELECTRICAL INSTALLATION COMPLETE AND OPERATIVE, AND IN COMPLIANCE WITH APPLICABLE CODES.
- CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING EQUIPMENT AND NOTE CONDITIONS AND AREAS WHERE WORK WILL OCCUR IN FIELD.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES TO AVOID CONFLICTS OF EQUIPMENT INSTALLATION. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL EQUIPMENT CONNECTIONS, WIRING DEVICES AND LIGHTING WITH ARCHITECT PRIOR TO INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING AND PAINTING ASSOCIATED WITH ELECTRICAL WORK.
- CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIAL INSTALLED UNDER THIS CONTRACT TO BE FREE FROM DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF COMPLETION AND ACCEPTANCE BY THE OWNER. CONTRACTOR AGREES TO REPLACE ANY DEFECTIVE EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER FOR THE DURATION OF THE GUARANTEE PERIOD.
- CONTRACTOR SHALL PROVIDE WHOLE HOUSE SURGE PROTECTOR.
- ELECTRICAL CONTRACTOR SHALL VERIFY ALL FIXTURE, OUTLET, SWITCHING, ETC. EXACT LOCATIONS WITH OWNER ON SITE PRIOR TO COMPLETING INSTALL.
- ALL FIXTURES, OUTLETS AND SWITCHES SHALL BE PROVIDED AS SPECIFIED OR EQUAL.

Electrical Power Legend

SYMBOL	DESCRIPTION
	DECORA, DUPLEX RECEPTACLE, 15 AMPERES, 125 VOLTS.
	DECORA, DEDICATED DUPLEX RECEPTACLE, 20 AMPERES, 125 VOLTS.
	DECORA, DEDICATED DUPLEX RECEPTACLE, 30 AMPERES, 125 VOLTS.
	DECORA, DUPLEX RECEPTACLE W/ GROUND FAULT INTERRUPTER, 15 AMPERES, 125 VOLTS.
	DECORA, EXTERIOR DUPLEX RECEPTACLE W/ GROUND FAULT INTERRUPTER, IN WATER PROOF ENCLOSURE, 15 AMPERES, 125 VOLTS.
	POWER SUPPLY - ELECTRICIAN TO COORDINATE WITH EQUIPMENT SELECTED BY OWNER.

Electrical Legend

SYMBOL	DESCRIPTION
	NEW SMOKE (COLOR- WHITE/ HARD WIRED W/ BATTERY BACKUP)
	NEW COMBINATION SMOKE / CO DETECTOR (COLOR- WHITE/ HARD WIRED W/ BATTERY BACKUP)- B' MAX FROM BEDROOM DOORS
	NEW HEAT DETECTOR
	NEW NEST OR EQUAL SMART PROGRAMMABLE WIFI THERMOSTAT- EACH THERMOSTAT FOR SEPARATE ZONE
	NEW DECORA, SINGLE POLE SWITCH, 15 AMPERES, 125 VOLTS.
	DECORA, ASTRONOMICAL TIMER SWITCH, 15 AMPERES, 125 VOLTS.
	DECORA, DIMMER SWITCH, 15 AMPERES, 125 VOLTS.
	NEW THREE-WAY SWITCH, 15 AMPERES, 125 VOLTS.
	NEW FOUR-WAY SWITCH, 15 AMPERES, 125 VOLTS.
	DECORA TIMER SWITCH, 20 AMPERES, 125 VOLTS.

RCP Legend

SYMBOL	DESCRIPTION
	NEW HALO 4" RECESSED LED FIXTURE (3,000K) OR EQUAL
	NEW BATHROOM VANITY LED LIGHT FIXTURE
	LED DECO PENDANT LIGHT FIXT- TO BE SELECTED BY OWNER
	NEW DECORATIVE LED CHANDELIER TYPE FIXTURE TO BE SELECTED BY OWNER
	LED WALL SCONCE FIXTURE #66" AFF- TED BY OWNER
	48" LED UTILITY LIGHT
	NEW PANASONIC BATHROOM EXHAUST FAN UNIT OR EQUAL- DIRECT VENT TO EXTERIOR.
	CEILING FAN- PROVIDE TWO SEPARATE SWITCHES TO INDEPENDENTLY CONTROL LIGHT AND FAN IF COMBINATION UNIT IS SELECTED BY OWNER



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