

- There is no change of Use, Egress or Occupancy as part of this Application.
- Approved plans of this construction must be on the job at all times for the Building Inspector to use when making inspections.
- Interior wall coverings shall not be installed until the Building Department has been notified and an inspection shall be called for once the electrician has received a rough inspection approval from a approved agency, the rough plumbing and HVAC work are completed.
- Electrical: any electrical work done in connection with this Building Permit must be done by an electrician licensed in the County of Westchester. Applications must be filed with the agency having jurisdiction as well as the approved inspecting agency prior to start of any work.
- Plumbing: Prior to the commencing of any plumbing work, a plumber licensed in the County of Westchester must file for a permit with the agency having jurisdiction.
- Contractor to confirm existing HVAC system is capable of the handling the proposed alteration prior to connecting to the main building.
- All changes made to previously approved plans shall be submitted to the Building Department for approval prior to construction, and final as-built plans and survey for Certificate of Occupancy.
- Project meets the requirement of R313 of the Residential Code of New York State
- Work to meet the state code at the time of construction in accordance with Technical Bulletin dated January 1, 2003
- Architect not retained to supervise construction, HVAC, Plumbing, Electrical components to be installed by/under supervision of licensed trade professionals. Provide independent test and certifications of systems acceptability by trade authorities in accordance with current industry practices and standards.

NEW YORK STATE ENERGY CODE:

- All work meets the Chapter E1 Administration, Enforcement and General Requirements, E1-101.1 Scope and General Requirements, Additions, Alterations, & Renovations Section 101.4.3
- All proposed mechanical, electrical, lighting, plumbing and building envelope systems comply with applicable sections of the 2020 New York State Energy Code for single-family residences.
- Proposed work conforms with the requirements of prescriptive package 2
- Proposed glazing u-factor: 0.4 or better. Glazing u-factors must be tested and documented by the manufacturer in accordance with the National Fenestration Rating Council (NFRC) test procedure or taken from the glazing u-factor table in Chapter 4. Center-of-Glass u-factors cannot be used.
- Proposed minimal wall R-Value: R-21 wall R-Values represent the sum of the wall cavity insulation plus insulating sheathing (if used). Do not include exterior siding, structural sheathing, and interior drywall.

Proposed Work Building Code Notes:

Construction Type: Type 5B (wood frame construction)

Occupancy: Group R3 One Family

Fire Rating: Roof Structure: Combustible

Design Loads: Garage: ¼ Hour

Roof: Refer to Table R301.6 or R301.2(1)

Floor: Refer to Table R301.4 or R301.5

Attic: Refer to Table R302.4 or R301.5

Docks: Refer to Table R302.4 or R301.5

Stairs: Refer to Table R301.5

GENERAL CONDITIONS

- All work shall conform to N.Y. State Construction code and energy conservation code as well as town, village or city ordinances and building code requirements. Any discrepancies shall be brought to the attention of the architect before work is commenced. The architect assumes no responsibility for workmanship or code compliance during construction unless architect supervision is included in a contract signed by both owner and architect.
- The general contractor shall obtain and pay for all permits including the certificate of occupancy, and he or she shall pay for all inspections and fees for same as required.
- The contractor shall supervise and direct the construction work using his skill and attention. He shall be solely responsible for all construction means, methods, technique, sequence, procedures and coordination of all portions, trades and subcontractors of the work.
- The general contractor shall maintain clean and safe-working conditions at all times at the job site. He shall be responsible for removal of all debris on a daily basis.
- The contractor shall be responsible for the protection and warehousing of all materials and equipment to be installed-The contractor shall make all arrangements to maintain temporary electric, lighting, and water during all phases of construction.
- The contractor shall provide temporary shoring and bracing and make safe all floors, roofs, walls and adjacent property as project conditions require until permanent supports are in place.
- The contractor shall not cut any structural framing members without the approval of the architect, and shall only be done in a manner as directed and approved by the New York State Building Code.
- Guarantee: All work and equipment included in the contract documents shall be guaranteed against defects in materials and workmanship for the period specified by the manufacturer or a one year period, whichever is longer.

LIGHT / VENT						
ROOM	SQ. FT.	REQUIRED LIGHT	EXISTING/PROPOSED VENT	PROPOSED MECHANICAL LIGHT	VENT	MECHANICAL LIGHT
PLAY ROOM	793	63.44	31.72	67.63	45.08	n/a

LIGHT AND VENT CALCULATIONS

R303.3 Bathrooms. Bathrooms, water closet compartments and other similar rooms shall be provided with aggregate glazing area in windows of not less than 3 square feet (0.3 m²), one-half of which must be operable.
Exception: The glazing areas shall not be required where artificial light and a mechanical ventilation system are provided. The minimum ventilation rates shall be 50 cubic feet per minute (24 L/s) for intermittent ventilation or 20 cubic feet per minute (10 L/s) for continuous ventilation. Ventilation air from the space shall be exhausted directly to the outside. This exception shall not be allowed in owner-occupied, one-family dwellings not supplied with electrical power in accordance with Section E3301.2.2

ENERGY COMPLIANCE CODE NOTES

Chapter 5 R301 Existing Buildings

Section R303 Alterations

R303.1 General

Alterations to any building or structure shall comply with the requirements of the code for new construction. Alterations shall be such that the existing building or structure is no less conforming to the provisions of this code than the existing building or structure was prior to the alteration.

Alterations to an existing building, building system or portion thereof shall conform to the provisions of this code as they relate to new construction without requiring the unaltered portions of the existing building or building system to comply with this code. Alterations shall not create an unsafe or hazardous condition or overload existing building systems. Alterations shall be such that the existing building or structure uses no more energy than the existing building or structure prior to the alteration. Alterations to existing buildings shall comply with Sections R303.1.1 through R303.2.

R303.1.1 Building Envelope

Building envelope assemblies that are part of the alteration shall comply with Section R402.1.2 or R402.1.4, Sections R402.2.1 through R402.2.13, R402.3.1, R402.3.2, R402.4.3 and R402.4.5.

Exception: The following alterations need not comply with the requirements for new construction provided the energy use of the building is not increased:

- Storm windows installed over existing fenestration.
- Existing ceiling, wall or floor cavities exposed during construction provided that these cavities are filled with insulation.
- Construction where the existing roof, wall or floor cavity is not exposed.
- Roof recovery.
- Roofs without insulation in the cavity and where the sheathing or insulation is exposed during roofing shall be insulated either above or below the sheathing.
- Surface applied window film installed on existing single pane fenestration assemblies to reduce solar heat gain provided the code does not require the glazing or fenestration assembly to be replaced.

R303.1.4 Replacement Fenestration

When some or all of an existing fenestration unit is replaced with a new fenestration product, including sash and glazing, the replacement fenestration unit shall meet the applicable requirements for U-factor and SHGC as provided in Table R402.1.2.

R303.1.2 Heating and Cooling Systems

New heating, cooling and duct systems that are part of the alteration shall comply with Sections R403.1, R403.2, R403.3 and R403.4.

R303.1.3 Service Hot Water Systems

New service hot water systems that are part of the alteration shall comply with Section R404.1.

R303.1.4 Lighting

New lighting systems that are part of the alteration shall comply with Section 404.1.

Exception: Alterations that replace less than 50 percent of the luminaires in a space, provided that such alterations do not increase the installed interior lighting power.

R303.2 Change in Space Conditioning

Any reconfigured or low-energy space that is altered to become conditioned space shall be required to be brought into full compliance with this code.

Exception: Where the simulated performance option in Section R405 is used to comply with this section, the annual energy cost of the proposed design is permitted to be 110 percent of the annual energy cost otherwise allowed by Section R405.3.

DESIGN CRITERIA FOR ALL PROPOSED WORK

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA (effective 5-20-2020)									
GROUND SURF SPEED	WIND SPEED	DESIGN WIND CATEGORY	HEATING/COOLING	STORM SURGE FROM	ICE BARriers	FLOOD HAZARD	DECAY		
30 mph/10 ft	115-120 mph	C	SEVERE	61" DEEP	MODERATE TO HEAVY	YES	NO	NO	NO

MANUAL J DESIGN CRITERIA (effective 5-20-2020)

ELEVATION	LATITUDE	WINTER HEATING	SUMMER COOLING	ALTITUDE CORRECTION FACTOR	INDOOR DESIGN TEMPERATURE	DESIGN TEMPERATURE DIFFERENCE	HEATING TEMPERATURE DIFFERENCE
179	41	7	87	1	68	75	61
COOLING TEMPERATURE DIFFERENCE	WIND VELOCITY HEATING	COINCIDENT WET BULB	DAILY RANGE	WINTER HUMIDITY	SUMMER HUMIDITY	SS	
12	20.4	7.5	72	8	50	55	

INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT (effective 5-20-2015 THRU 5-20-2020)

CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT U-FACTOR	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL R-VALUE	SLAB R-VALUE	CRANK SPACE WALL R-VALUE	AIR FREEZING INDEX	MEAN ANNUAL TEMP
4A	0.35	0.55	49	20 or 13+5	8 / 13	19	10 / 13	10.2 ft	10 / 13	2000	51.6

INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT (effective 5-20-2020)

CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT U-FACTOR	GLAZED FENESTRATION U-FACTOR	CEILING U-FACTOR	WOOD FRAME WALL U-FACTOR	MASS WALL U-FACTOR	FLOOR U-FACTOR	BASEMENT WALL U-FACTOR	SLAB U-FACTOR	CRANK SPACE U-FACTOR	AIR FREEZING INDEX	MEAN ANNUAL TEMP
4A	0.32	0.55	0.4	49	20 or 13 + 5	8 / 13	19	10 / 13	10.2 ft	10 / 13		
4A	0.27	0.5	0.4	49	21 or 13 + 5	15 / 20	30	15 / 19	10.4 ft	15 / 19		
4A	0.32	0.55	0.026	0.06	0.098	0.047	0.059			0.055		
4A	0.27	0.5	0.026	0.045	0.056	0.033	0.05			0.042		

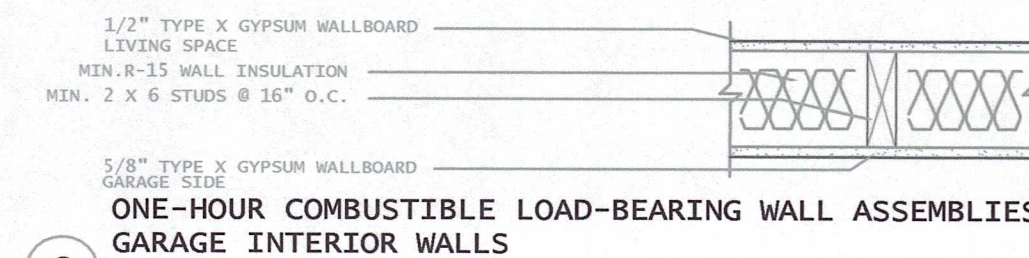
WORK DONE 2016 UNDER THE RESIDENTIAL CODE 2015

- THE CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING INSULATION DAMAGED DURING CONSTRUCTION WITH SAME R-VALUE AS EXISTING

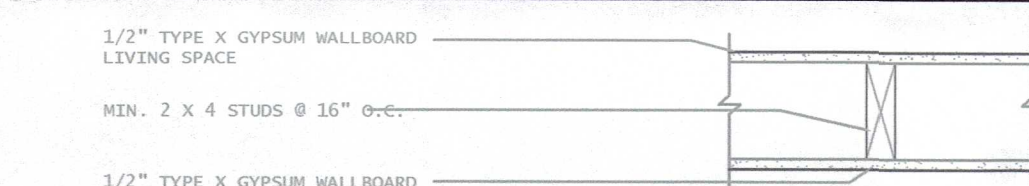
- LIGHTING EQUIPMENT (MANDATORY). A MINIMUM OF 90 % OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH EFFICACY LAMPS.

CONTRACTOR NOTES:

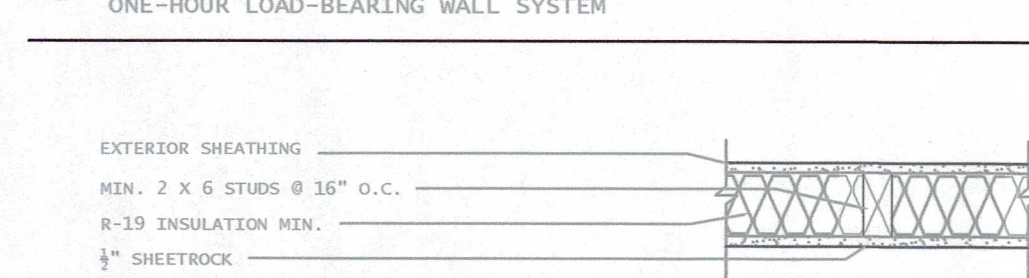
- ELECTRICAL CONTRACTOR TO INSTALL HARD WIRED SMOKE AND CARBON MONOXIDE DETECTORS TO STATE CODE THROUGH OUT THE BUILDING
- ELECTRICAL CONTRACTOR TO FILE FOR AND RECEIVE A ELECTRICAL PERMIT FROM THE MUNICIPALITY, INSPECT AND CORRECT ALL VIOLATIONS IN THE DESCRIBED WORK AREAS, FILE FOR AND RECEIVE INSPECTION FROM AN AUTHORIZED MUNICIPAL INSPECTOR
- PLUMBING CONTRACTOR SHALL FILE FOR AND RECEIVE A PERMIT FROM THE MUNICIPALITY INSPECT AND CORRECT ALL VIOLATION IN THE DESCRIBED WORK AREAS, FILE FOR AND RECEIVE INSPECTION FROM AN AUTHORIZED MUNICIPAL INSPECTOR
- CONTRACTOR TO INSTALL ½" FIRE CODE SHEETROCK UNDER EXISTING STAIR
- CONTRACTOR TO INSTALL ½" FIRE CODE SHEETROCK OVER EXISTING BOILER AND HOT WATER HEATER AND ON ALL WALLS
- CONTRACTOR TO CONFIRM 2) 2X10 HEADER MIN.
- CONTRACTOR TO REPLACE EXISTING FLUE PIPE WITH 8 VENT WITH PROPER ROOF COLLAR AND CAP
- CONTRACTOR TO RELOCATE FELU DUCTS TO PROVIDE 2" CLEARANCE FROM NEW AIR FURNACE FLUE
- CONTRACTOR TO ADD SAFETY FILM TO WINDOW
- 1
- CONTRACTOR RUN BATH FAN TO EXTERIOR OF BUILDING
- CONTRACTOR TO INSTALL FIRE SPRINKLERS FINAL LOCATION BY SPRINKLER ENGINEER



ONE-HOUR COMBUSTIBLE LOAD-BEARING WALL ASSEMBLIES GARAGE INTERIOR WALLS



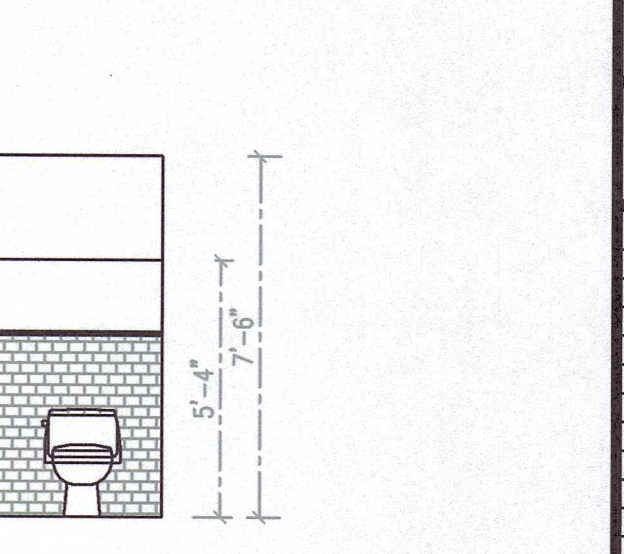
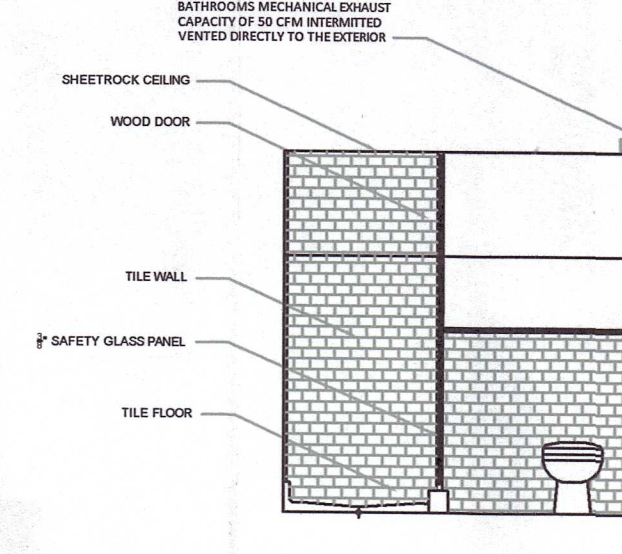
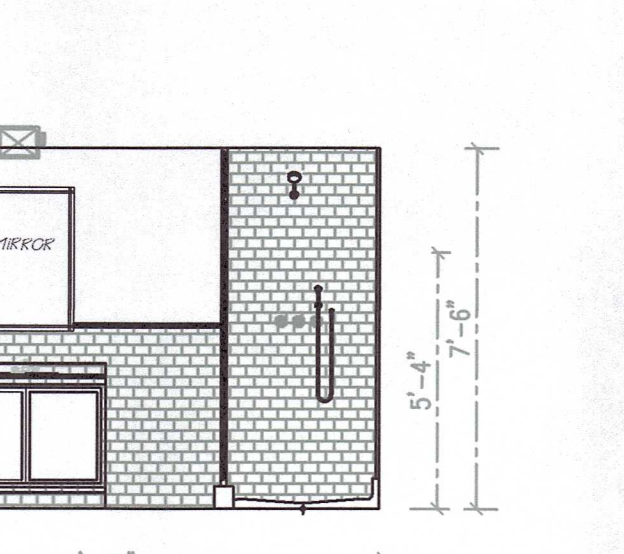
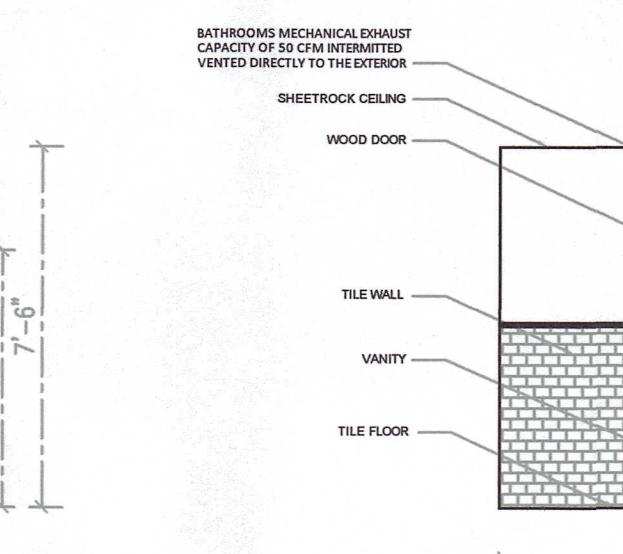
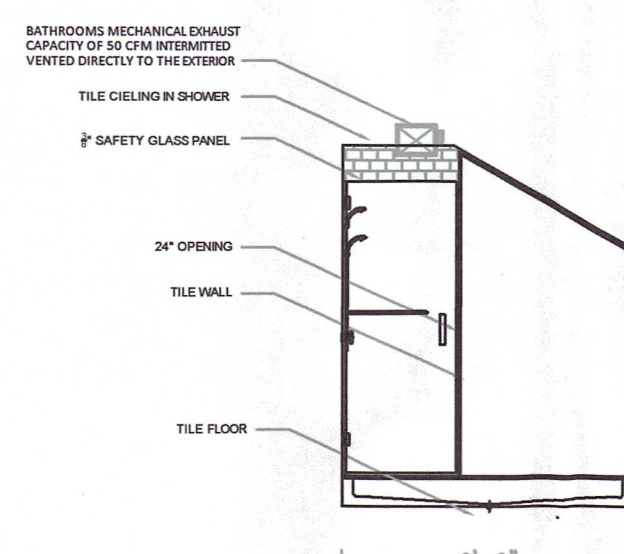
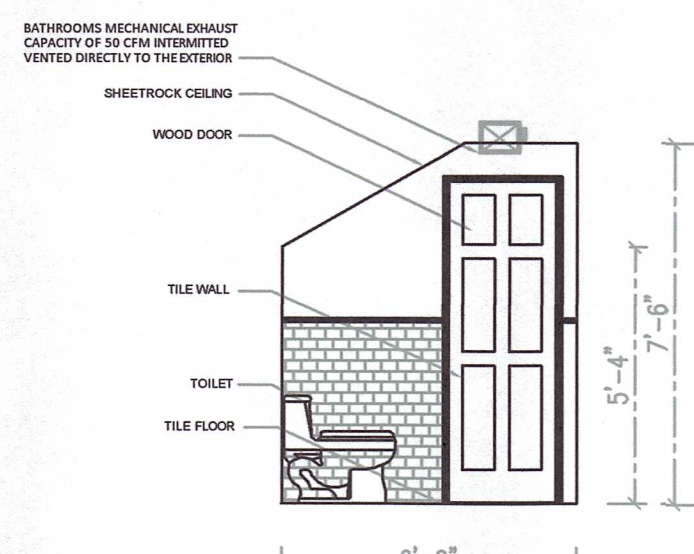
STANDARD INTERIOR WALL DETAIL



STANDARD EXTERIOR WALL DETAIL

PROPOSED WALL PROFILES

NOT TO SCALE

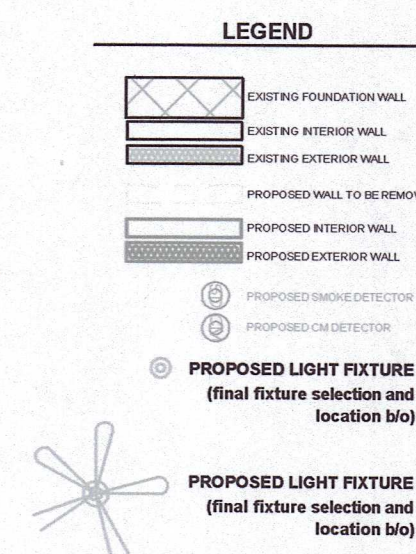


EXISTING / PROPOSED ATTIC BATH

1/4" = 1'-0"

EXISTING / PROPOSED ATTIC

1/4" = 1'-0"



KEVIN KELLY
R.A.

Registered Architect

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RYE, NEW YORK 10880

licensed in New York

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DOCUMENT EXISTING MASTER BATH AND ATTIC

PROJECT ADDRESS:
32 PARKWAY DR
DOBBS FERRY NY 10522

OWNER:
YARON COHEN
32 PARKWAY DR
DOBBS FERRY NY 10522
917-612-3595
yaronch2@gmail.com

ALL PROPOSED WORK IS DESIGNED AS A LEVEL 2 ALTERATION AS DESCRIBED IN THE 2020 INTERNATIONAL RESIDENTIAL CODE.

ALL NEW WORK (PROPOSED) IS DESIGNED UNDER THE FOLLOWING NYS CODES AND IN ACCORDANCE WITH THE NYS UNIFORM CODE (Publication 11-19):
- THE 2020 RESIDENTIAL CODE OF NYS
- THE 2020 EECOM'S AND ASHRAE 90.1-2016 (as amended by 18 NYCRR Part 1206)

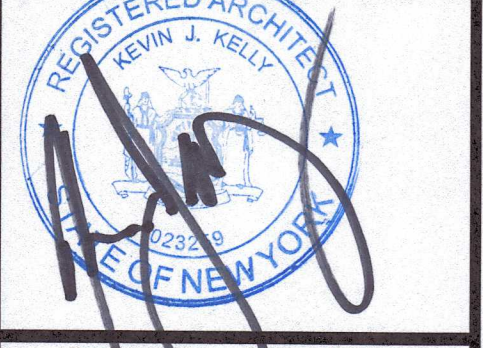
PLANS AND DRAWINGS ATTACHED OR REFERENCED HEREIN ARE OF EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE TO CONFIRM ALL CONDITIONS HEREIN BEFORE ANY WORK IS COMMENCED, AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE HOMEOWNER PRIOR TO COMMENCING WORK.

EXISTING USE CLASSIFICATION ONE OR TWO FAMILY (NO CHANGE)
EXISTING CONSTRUCTION CLASSIFICATION 1-B (NO CHANGE)

- ALL DIMENSIONS ARE NOMINAL AND TO BE CONFIRMED PRIOR TO CONSTRUCTION. PLANS ARE NOT TO BE SCALED. WALLS CONFIGURATION AND TYPE ARE SHOWN AS TYPICAL AND SHOULD BE INVESTIGATED AND CONFIRMED PRIOR TO CONSTRUCTION.

CONTRACTOR TO CONFIRM ALL DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION. PLANS ARE NOT TO BE SCALED. WALLS CONFIGURATION AND TYPE ARE SHOWN AS TYPICAL AND SHOULD BE INVESTIGATED AND CONFIRMED PRIOR TO CONSTRUCTION.

TO THE BEST OF MY KNOWLEDGE, BELIEVE, AND PROFESSIONAL JUDGEMENT OF THE UNDERSIGNED, THE PLANS AND SPECIFICATIONS SUBMITTED ON THESE DRAWINGS ARE IN COMPLIANCE WITH THE APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE AND THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE CURRENTLY IN EFFECT.



REVISIONS

2022-05-22 DRAFT
2022-05-22 PERMIT SET

DRAWN BY: EPH

DATE: 2022-05-18

SCALE: 1/4" = 1'

A-001

FLOOR PLAN

ALL DIMENSIONS ARE NOMINAL AND TO BE CONFIRMED PRIOR TO CONSTRUCTION. PLANS ARE NOT TO BE SCALED. WALLS CONFIGURATION AND TYPE ARE SHOWN AS TYPICAL AND SHOULD BE INVESTIGATED AND CONFIRMED PRIOR TO CONSTRUCTION. CONTRACTOR TO CONFIRM ALL DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE OWNER AND ARCHITECT