

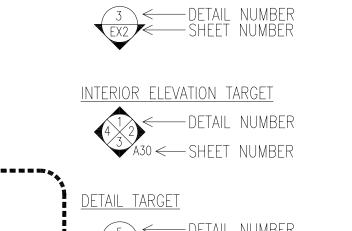
336 Cabot Street

Newton, Massachusetts Owner: Dalfior Development

Permit Set Issued - 10/28/2021 - Issued for Revision: 03/30/2022



- Extensive refinement of exterior materials and window configurations.
- Interior reconfiguration of unit layout and new rear addition with bedrooms proposed on
 - Existing level 3 attic space to remain unchanged.



FLEVATION TARGET

WINDOW TARGET

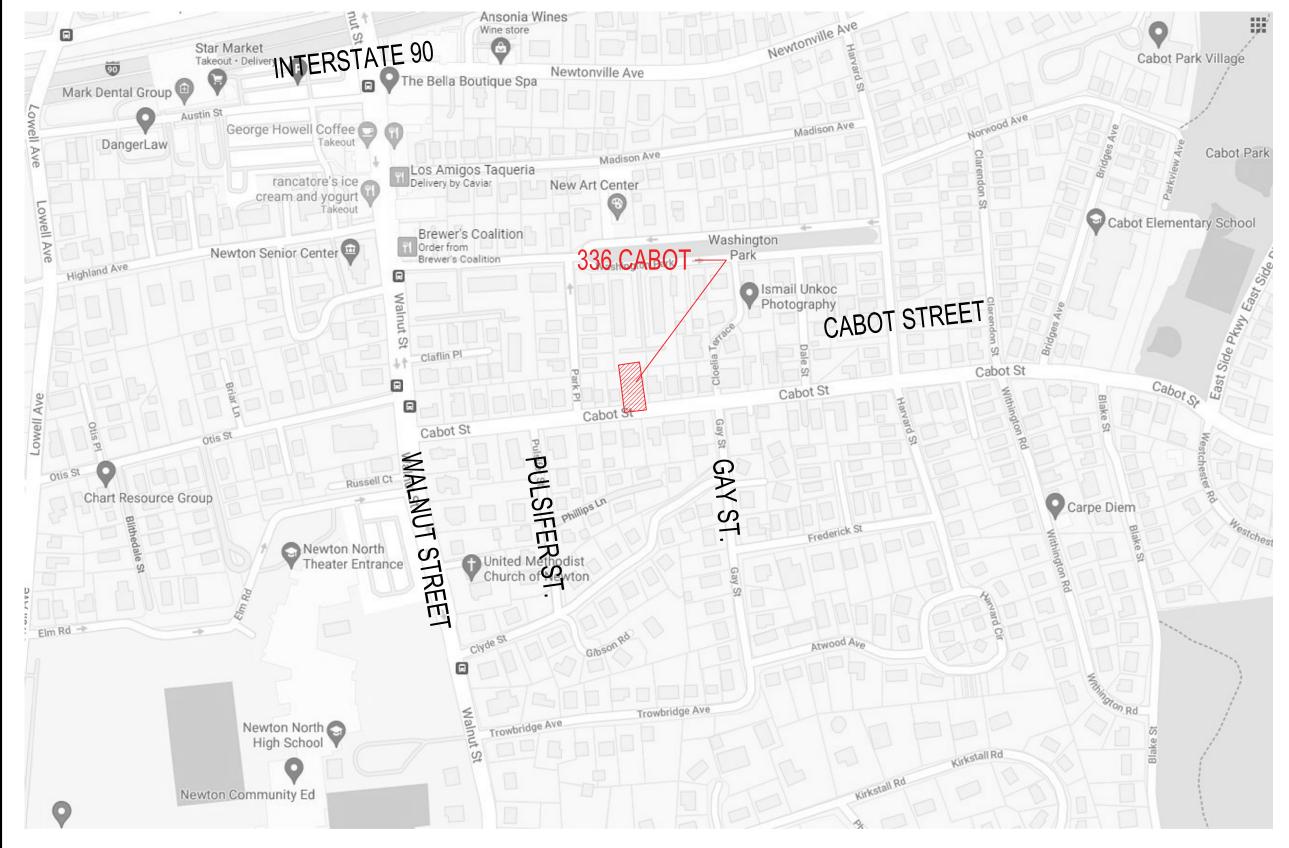


- THE CONTRACTOR SHALL VISIT THE SITE AND BE KNOWLEDGEABLE OF CONDITIONS THEREON. THE SHALL NOTIFY THE ARCHITECT OF ANY CONDITIONS REQUIRING MODIFICATION BEFORE PROCEEDING WITH THE

- UTILITIES. WORK MUST NOT INTERFERE WITH EXISTING SMOKE DETECTORS. ALARMS OR BUILDING SYSTEM
- THE GENERAL CONTRACTOR SHALL REVIEW AND BE FAMILIAR WITH ANY TENANT DESIGN AND
- WORK AS INDICATED IN THE CONSTRUCTION DOCUMENTS
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROPERLY LAYING OUT THE WORK AND FOR ALL LINES
- BEFORE PROCEEDING WITH THE WORK. (312) 780-9456
- THE CONTRACTOR SHALL VERIFY THE DIMENSIONS SHOWN ON THE DRAWINGS BEFORE LAYING OUT THE WORK
- THE WORK INCLUDING THOSE CONDITIONS NOT COVERED BY SPECIFIC DETAILS DIMENSIONS SHALL GOVERN, DO NOT SCALE THE DRAWINGS. WHERE THERE APPEARS TO BE A CONFLICT OR WHERE DIMENSIONS CANNOT BE DETERMINED. CONSULT THE ARCHITECT BEFORE PROCEEDING WITH
- THE WORK. ALL DIMENSIONS ARE TO INSIDE FACE OF WALLS.
- UNLESS SHOWN OTHERWISE, ALL DOORS SHALL BE LOCATED SUCH THAT THERE IS A 2 INCH WALL RETURN BETWEEN THE JAMB FRAME AND THE ADJACENT PERPENDICULAR WALL.
- CONSULT WITH THE ARCHITECT OR ENGINEER BEFORE PENETRATING ANY JOISTS, BEAMS, OR OTHER STRUCTURAL MEMBERS
- 9. ALL CONSTRUCTION MATERIALS AND EQUIPMENT ARE TO BE STORED NEATLY WITHIN THE SCOPE OF WORK AREA
- 10. ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS
- 10.1. SUBMIT SHOP DRAWINGS AND SAMPLES FOR ALL STEEL, MILLWORK, SIGNAGE, HARDWARE AND INTERIOR **FINISHES**
- 10.2. SUBMIT PRODUCT DATA FOR FIXTURES AND HARDWARE
- ALL INTERIOR AND EXTERIOR FINISHES. COLORS AND MATERIALS ARE TO BE SELECTED AND APPROVED BY THE OWNER PRIOR TO CONSTRUCTION
- 10.4. ALL INTERIOR FINISHES AND FURNISHINGS ARE TO BE CLASS 'A' FIRE RATED AND ARE TO COMPLY WITH MASSACHUSETTS BUILDING CODE AND THE NEWTON FIRE CODE
- ALL WOOD COMPONENTS SHALL BE FIRE TREATED
- CONFIRM THAT ALL MATERIALS AND FINISHES, INCLUDING THEIR FABRICATION AND INSTALLATION WILL NOT RELEASE FUMES OR AROMAS WHICH MAY BE A HAZARD OR NUISANCE TO PERSONNEL
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PANEL CONTROL AND CIRCUIT DESIGN AND FOR COMPLIANCE WITH ALL BUILDING, LIFE SAFETY, AND STATE AND NATIONAL ELECTRICAL CODES WHICH MAY
- 11.1. ALL EXPOSED UTILITY WIRES AND PIPES SHALL BE INSTALLED IN A WAY THAT DOES NOT OBSTRUCT OR PREVENT THE CLEANING OF FLOORS, WALLS AND CEILINGS; THEY SHALL BE INSTALLED A MINIMUM OF 6" OFF OF FLOORS AND 1' OFF OF WALLS, CEILINGS OR ADJACENT PIPES OR WIRES

12. WHERE APPROPRIATE, EXISTING SPRINKLER HEADS ALARM SYSTEM AND DETECTORS ARE TO REMAIN. MODIFY

- LOCATIONS ONLY WHERE CEILING IS ALTERED OR AS INDICATED ON FIRE PROTECTION DRAWINGS. 13. EQUIPMENT INFORMATION AND SPECIFICATIONS, INCLUDING EQUIPMENT SUPPLIED BY THE OWNER, ARE TO BE
- THE MOST CURRENT AT THE TIME OF DOCUMENTATION PREPARATION. 13.1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT DIMENSIONS AND
- EQUIPMENT CONNECTION REQUIREMENTS. 13.2. MAKE ALL FINAL CONNECTIONS, INSTALL THE SET UP IN WORKING ORDER, CHECK WARRANTIES, TEST AND
- NOTE VOID WARRANTIES. 13.3. COORDINATE WITH THE OWNER DELIVERY, STORAGE AND INSTALLATION OF ALL EQUIPMENT, INCLUDING THAT SUPPLIED BY THE OWNER.
- 14. PROVIDE ALL TEMPORARY FACILITIES AND SERVICES, CONSTRUCTION AND SUPPORT FACILITIES AND SECURITY AND PROTECTION AS NEEDED TO PROTECT NEW AND EXISTING CONSTRUCTION FOR THE DURATION OF THE
- 15. ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE UNLESS OTHERWISE SPECIFIED FOR A LONGER PERIOD OF TIME FOR A CERTAIN ITEM SEAL AND CAULK AROUND ALL PENETRATIONS, CRACKS AND CREVICES AND ANY OPENINGS CAPABLE OF
- HARBORING INSECTS OR RODENTS EMPLOY EXPERIENCED WORKERS FOR FINAL CLEANING, CLEAN TO COMMERCIAL BUILDING PROGRAM
- 17.1. DISPOSE OF ALL WASTE AND DEBRIS OFF THE PREMISES



LOCATION PLAN
SCALE: NOT TO SCALE

APPLICABLE CODES:

- 4. ELECTRICAL: 527 CMR 12.00 MASSACHUSETTS ELECTRICAL CODE 2014 NFPA 70 NATIONAL ELECTRICAL CODE WITH
- MECHANICAL: INTERNATIONAL MECHANICAL CODE 2015 W/ AMENDMENTS
- ENERGY: INTERNATIONAL ENERGY CONSERVATION CODE 2018 (IECC)
- AMERICANS WITH DISABILITIES ACT
- NEWTON ZONING CODE 10. MGL CH. 148 SECTION 26G

BUILDING DESCRIPTION:

CHANGING FLOOR PLANS ON LEVELS 1 AND 2 - MOVING ALL BEDROOMS TO LEVEL 2 AND LIVING ON LEVEL 1. PARKING TO REMAIN AS EXISTING.

- 3. PER 1006.3.3 FOR USE GROUP R-3 ONLY ONE EXIT IS REQUIRED
- 4. MINIMUM WIDTH OF EGRESS STAIR: 36 INCHES PER SECTION 1011.2
- 5. MAXIMUM LENGTH OF EXIT TRAVEL: 200 FEET PER 1017.2

6. FIRE RATED CONSTRUCTION:

- 6.1 PER TABLE 602, IN V.B. CONSTRUCTION EXTERIOR WALLS MORE THAN 10' FROM PROPERTY LINE ARE NOT REQUIRED TO BE RATED, 10' OR LESS MUST BE 1 HOUR RATED.
- 6.2 DEMISING PARTITION/CORRIDORS MUST BE 1 HOUR IN A TYPE V.B BUILDING 420.2 AND 708.3
- 6.3 HORIZONTAL SEPARATION BETWEEN DWELLING UNITS: 1 HOUR IN A TYPE V.B BUILDING PER 420 AND 711.2.4.3 - REFER TO DETAIL ON A-20
- 6.4 STAIRWAYS CONNECTING 4 OR MORE STORIES ARE TO BE 2 HOUR RATED, STAIRS CONNECTING LESS THAN 4 STORIES ARE TO BE 1 HOUR RATED PER 1023.2
- 6.5 PER TABLE 716.5: 1 HOUR ENCLOSURES AND EXIT ACCESS SHALL HAVE 1 HOUR DOORS. 1 HOUR AND $\frac{1}{2}$ HOUR CORRIDORS SHALL HAVE A MINIMUM 20 MIN. RATED DOOR. 2 HOUR ENCLOSURES AND EXIT ACCESS SHALL HAVE 90 MINUTE RATED DOORS.

7. DEMISING PARTITION MINIMUM: STC 50 PER SECTION 1207.2

8. ACCESSIBILITY REQUIREMENTS:

8.1 CMR 521 9.3 - EXISTING BUILDINGS RENOVATED FOR RESIDENTIAL USE ARE EXEMPT FROM MAAB REQUIREMENTS PER 521 CMR; ARCHITECTURAL ACCESS BOARD, PARAGRAPH 9.2.1

ENERGY REQUIREMENTS

MASSACHUSETTS ENERGY STRETCH CODE, CHAPTER 4 - RESIDENTIAL ENERGY EFFICIENCY - RESIDENTIAL BUILDINGS, INTERNATIONAL ENERGY CONSERVATION CODE (IECC) 2018

- CLIMATE ZONE 5H PER TABLE 301.1
- EXISTING WALLS AND CEILINGS: FILL EXISTING WALL AND CEILING CAVITIES WITH INSULATION PER IECC 503.1.1 PER IECC TABLES 402.1.2 AND R402.1.4, FENESTRATION SHALL HAVE A U-FACTOR OF 0.30 OR BETTER.
- SKYLIGHTS SHALL HAVE A U-FACTOR OF 0.55 OR BETTER PER 402.1.2 AND 402.1.4.
- VAPOR RETARDER IS REQUIRED TO COMPLY WITH R402.1.1 OF THE IECC AND R702.7 OF THE INTERNATIONAL RESIDENTIAL CODE. VAPOR RETARDER IS NOT REQUIRED IN BASEMENT OR BELOW GRADE WALLS. R402.1.2 - CEILING: R=49; WOOD FRAME WALL: R-20 OR 13(CAVITY)+5(CONTINUOUS); FLOOR R=30; BASEMENT
- WALLS AND CRAWL SPACES: R=15 CONTINUOUS OR R=19 IN CAVITY OR R=13 IN CAVITY WITH R=5 CONTINUOUS; SLAB R=10 DEMAND RECIRCULATION WATER SYSTEMS SHALL HAVE CONTROLS THAT COMPLY WITH REQUIRED CODES
- HOT WATER PIPES IN UNCONDITIONED SPACES SHALL ALL BE INSULATED TO AT LEAST R-3, AND HOT WATER PIPES IN CONDITIONED SPACES $\frac{3}{4}$ " AND LARGER SHALL BE INSULATED TO AT LEAST R-3.

ZONING ANALYSIS:	SR2	PROPOSED	COMMENTS	ас
LOT AREA MIN.	10000 SF	9817 SF	UNCHANGED	
MIN. LOT WIDTH	50'	65'	UNCHANGED;	
MIN. LOT FRONTAGE	80'	65'	UNCHANGED	
MAX. BUILDING HEIGHT (STORIES/HEIGHT)	2.5 / 36'	2.5 / 33' 11"	UNCHANGED;	
MAX. FLOOR AREA RATIO	.38	0.38	BASEMENT AND ATTIC NOT INCLUDED	02 01
MIN. FRONT YARD SETBACK	25'	25'	UNCHANGED;	No.
MIN. SIDE YARD SETBACK	7.5'	7.5'	UNCHANGED	Dra
MIN. REAR YARD SETBACK	15'	70'	UNCHANGED	Pro
OPEN SPACE REQUIREMENT	70%	7310 SF (74.5%)		
PARKING REQUIREMENT	2/UNIT	2/UNIT	UNCHANGED	
	•	<u> </u>		

LIST OF DRAWINGS A-01 ANALYSIS, DRAWING LIST AND NOTES

- A-10 PROPOSED PLANS
- A-11 PROPOSED PLANS A-12 FAR DIAGRAM
- A-20 PROPOSED SECTION A-21 STAIR DETAILS
- A-30 PROPOSED ELEVATIONS
- PROPOSED ELEVATIONS
- A-32 ELEVATION AREA DIAGRAM
- E-40 PROPOSED ELECTRICAL
- E-41 PROPOSED ELECTRICAL
- **PLANS**
- X-A1 EXISTING PLANS
- X-A2 EXISTING PLANS X-A3 EXISTING ELEVATIONS



336 Cabot Street

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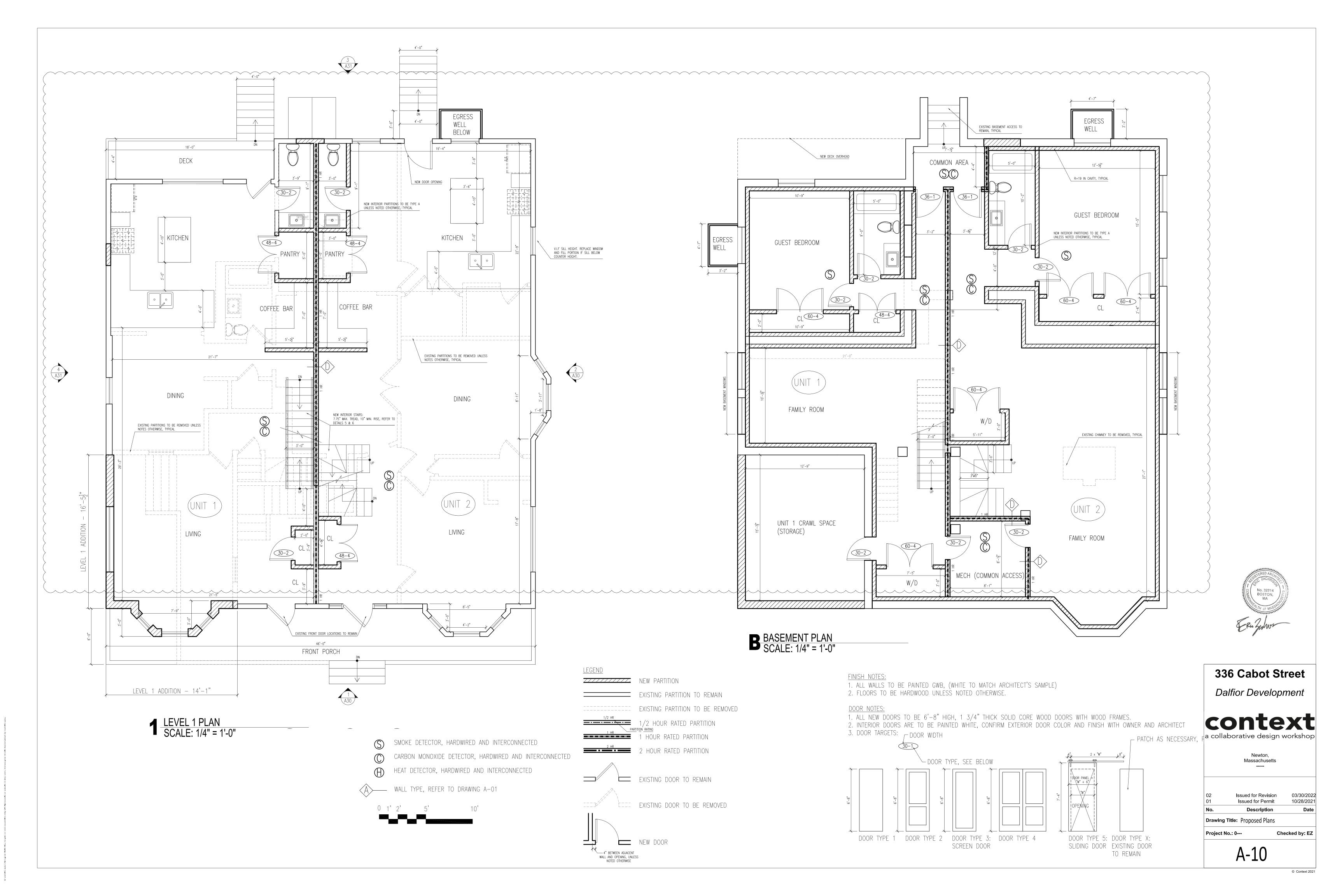


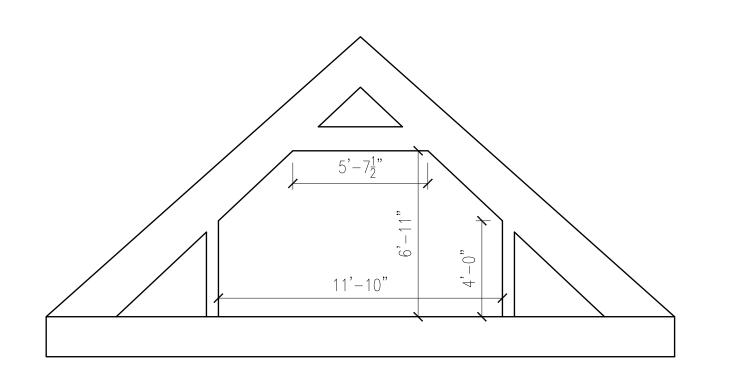
Massachusetts

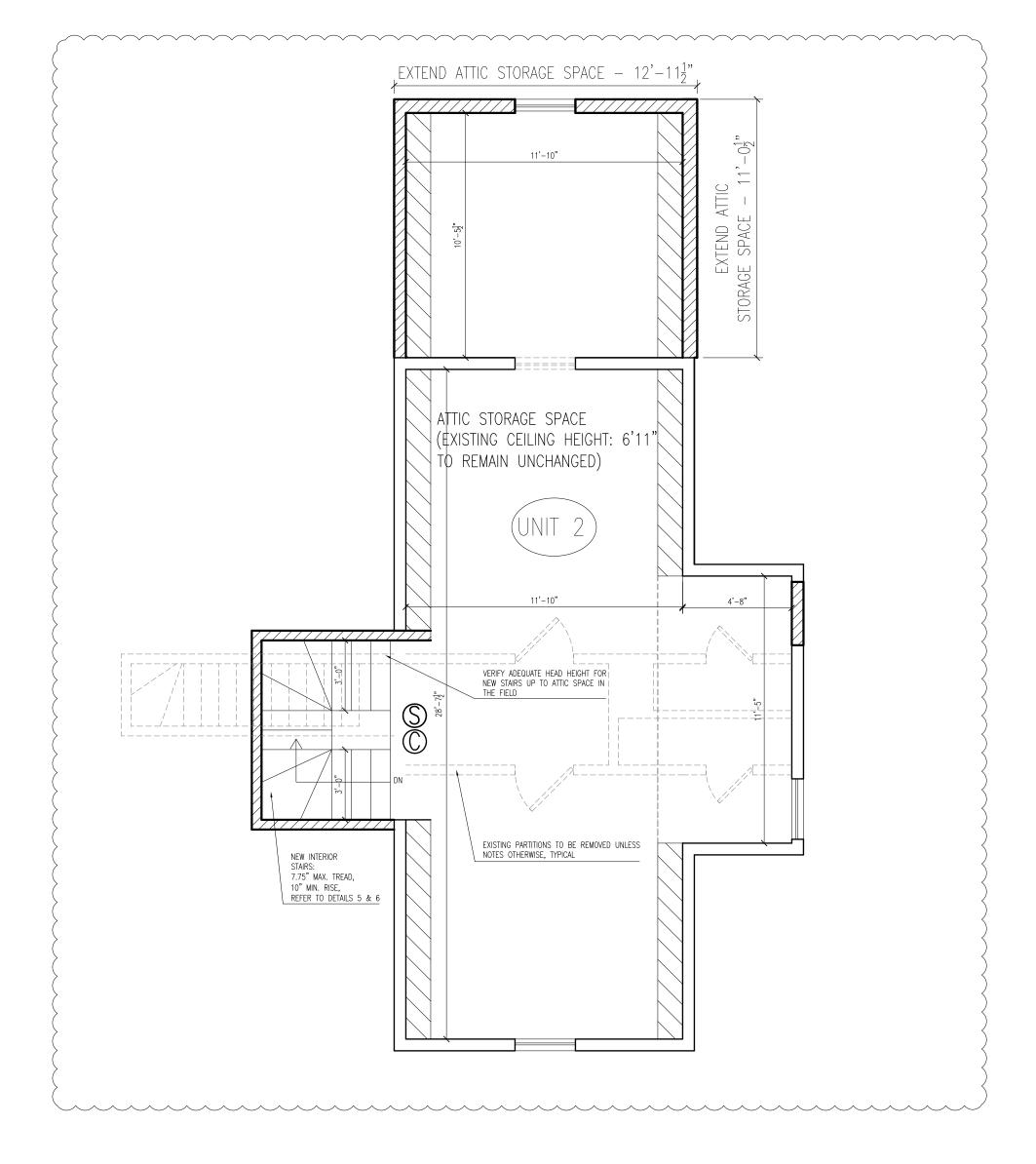
Issued for Revision Issued for Permit Description

rawing Title: ANALYSIS, DWG LIST, NOTES Checked by: EZ oject No.: 0---

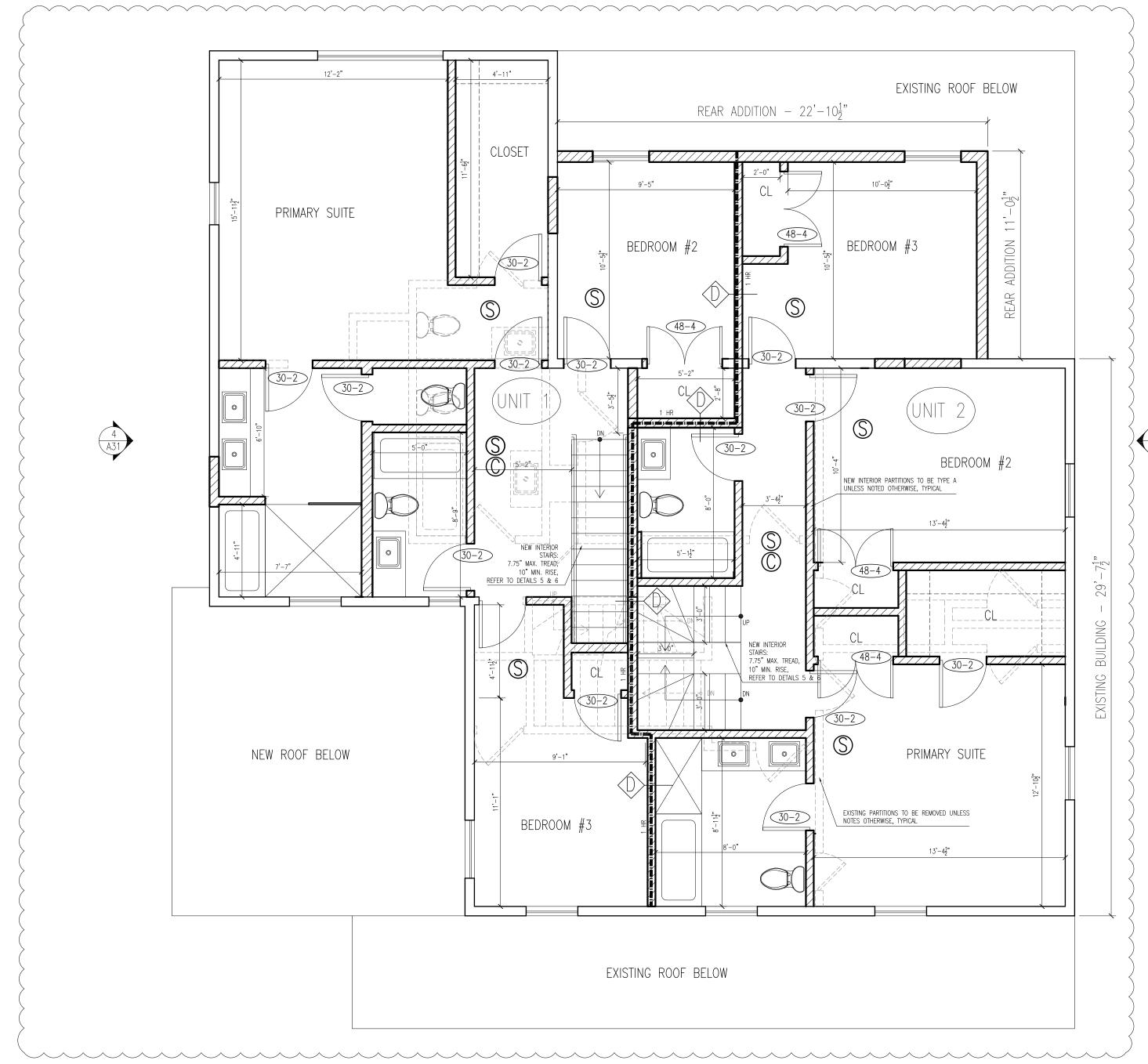
A-01







3 LEVEL 3 PLAN SCALE: 1/4" = 1'-0"



2 LEVEL 2 PLAN SCALE: 1/4" = 1'-0"

Dalfior Development

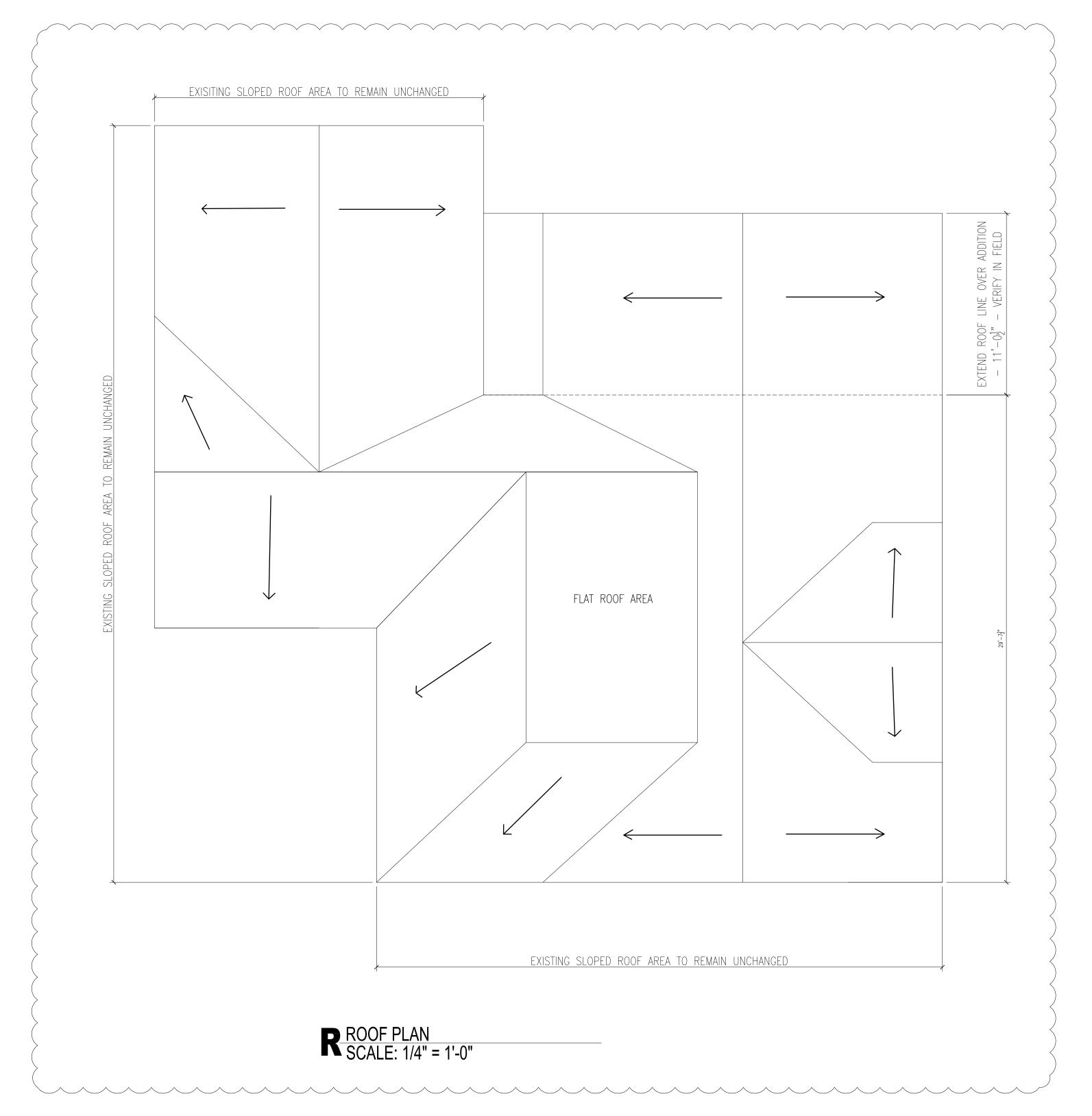
336 Cabot Street

Newton, Massachusetts

roject No	o.: 0	Checked by: EZ			
rawing Title: Proposed Plans					
0.	Description	Date			
1	Issued for Permit	10/28/2021			
2	Issued for Revision	03/30/2022			

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A-11





336 Cabot Street

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Newton, Massachusetts -----

102 Issued for Revision 03/30 101 Issued for Permit 10/28 100. **Description**

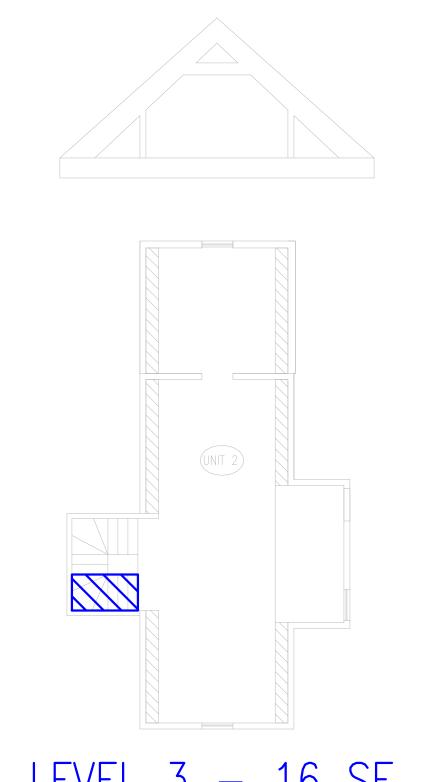
Drawing Title: Proposed Plans

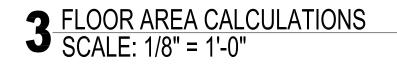
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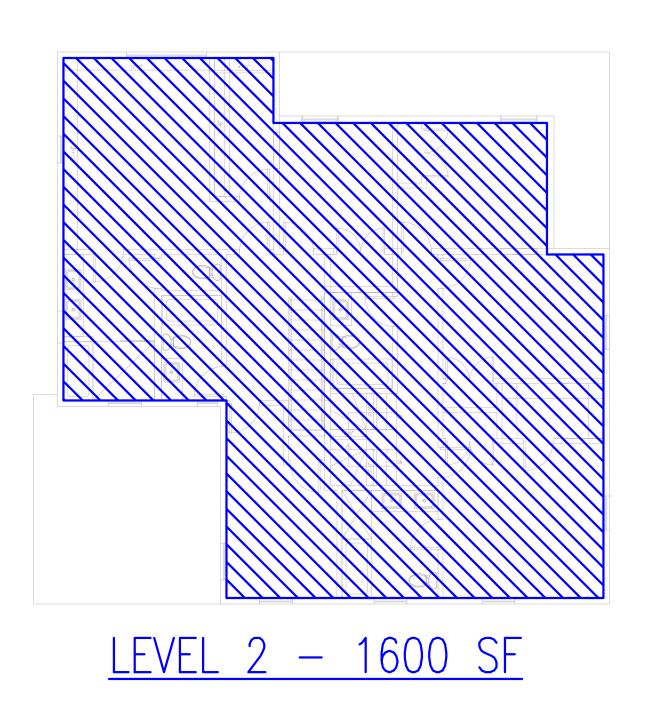
A-12

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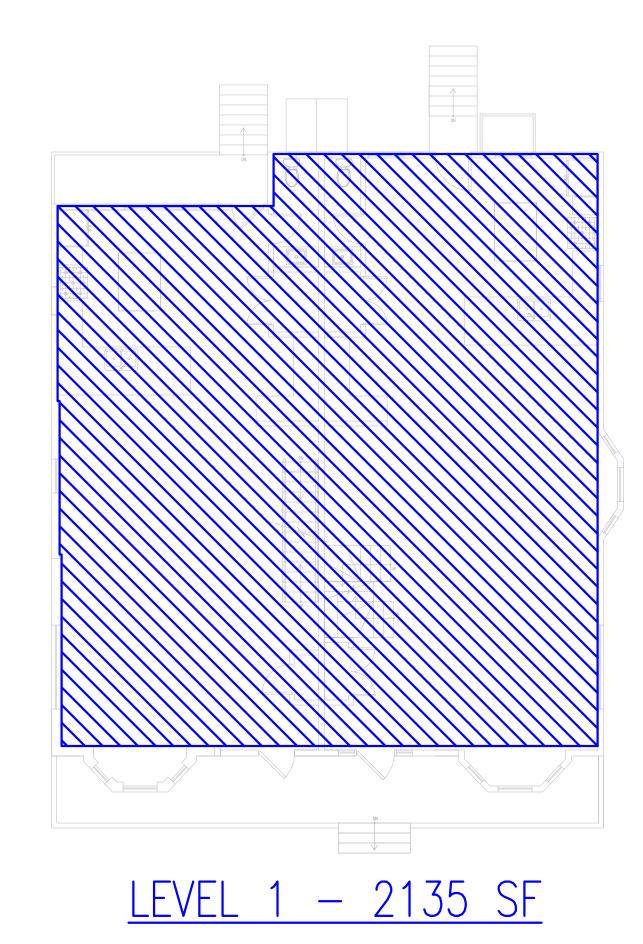
$\frac{\text{FAR} = 0.38}{(3751 \text{ SF} / 9817 \text{ LOT AREA})}$



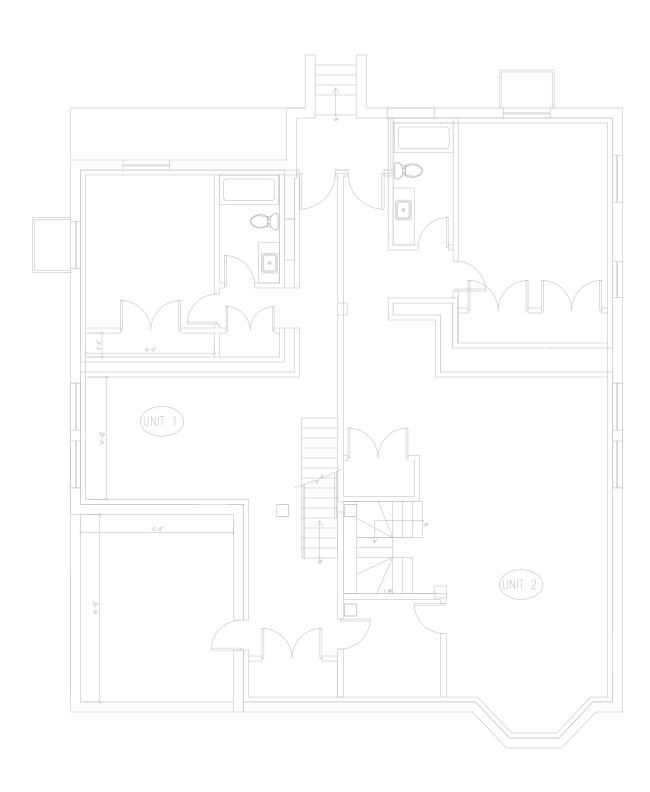




2 FLOOR AREA CALCULATIONS SCALE: 1/8" = 1'-0"



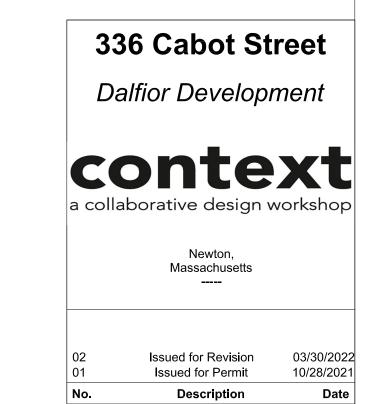
FLOOR AREA CALCULATIONS
SCALE: 1/8" = 1'-0"



BASEMENT - 0 SF

B FLOOR AREA CALCULATIONS SCALE: 1/8" = 1'-0"



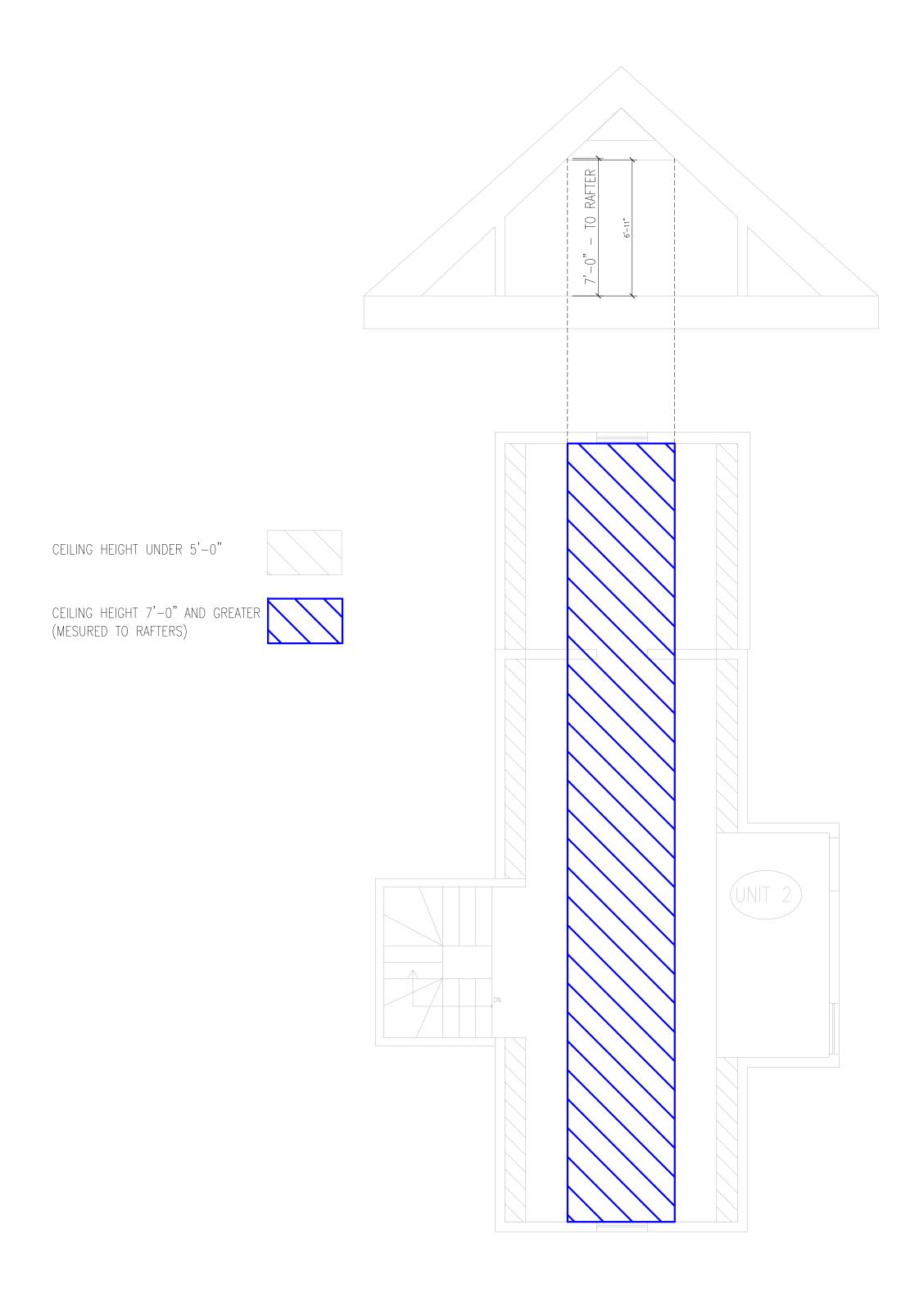


Drawing Title: FAR Diagram

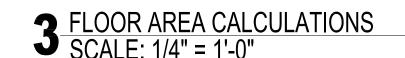
A-20

Checked by: EZ

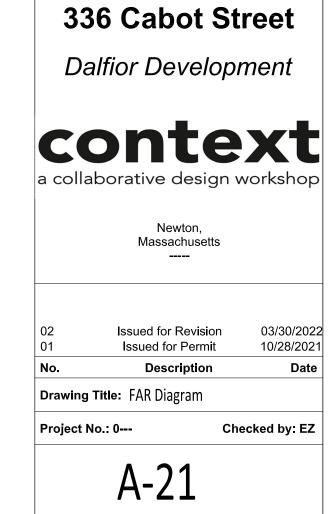
336 Cabot - Top Floor Area Diagram (Storage Space)



LEVEL 3 = 479 SF WITH CEILING HEIGHT 5'-0"+ LEVEL 3 AREA ABOVE 7'-0" (AS MAEASURED TO RAFTERS) = 215 SF 215 SF 479 SF = 45%













336 Cabot Street

Dalfior Development

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Newton,
Massachusetts

02 Issued for Revision 03/30/2022
01 Issued for Permit 10/28/2021
No. Description Date

Drawing Title: Proposed Elevations

Project No.: 0--- Checked by: EZ

A-30

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



3 REAR ELEVATION SCALE: 1/4" = 1'-0"





336 Cabot Street Dalfior Development a collaborative design workshop Massachusetts Issued for Revision 03/30/2022 Issued for Permit 10/28/2021 Description **Drawing Title:** Proposed Elevations Checked by: EZ A-31



145 SF/849 SF = 17%

145 SF/(145 SF + 849 SF) = 15%

CABOT ST ELEVATION SCALE: 1/4" = 1'-0"



EXISTING ELEVATION AREA: 1072 SF

NEW ELEVATION AREA: 89 SF

89 SF/1072 SF = 8%

89 SF/(89 SF + 1072 SF) = 7%



336 Cabot Street

Dalfior Development

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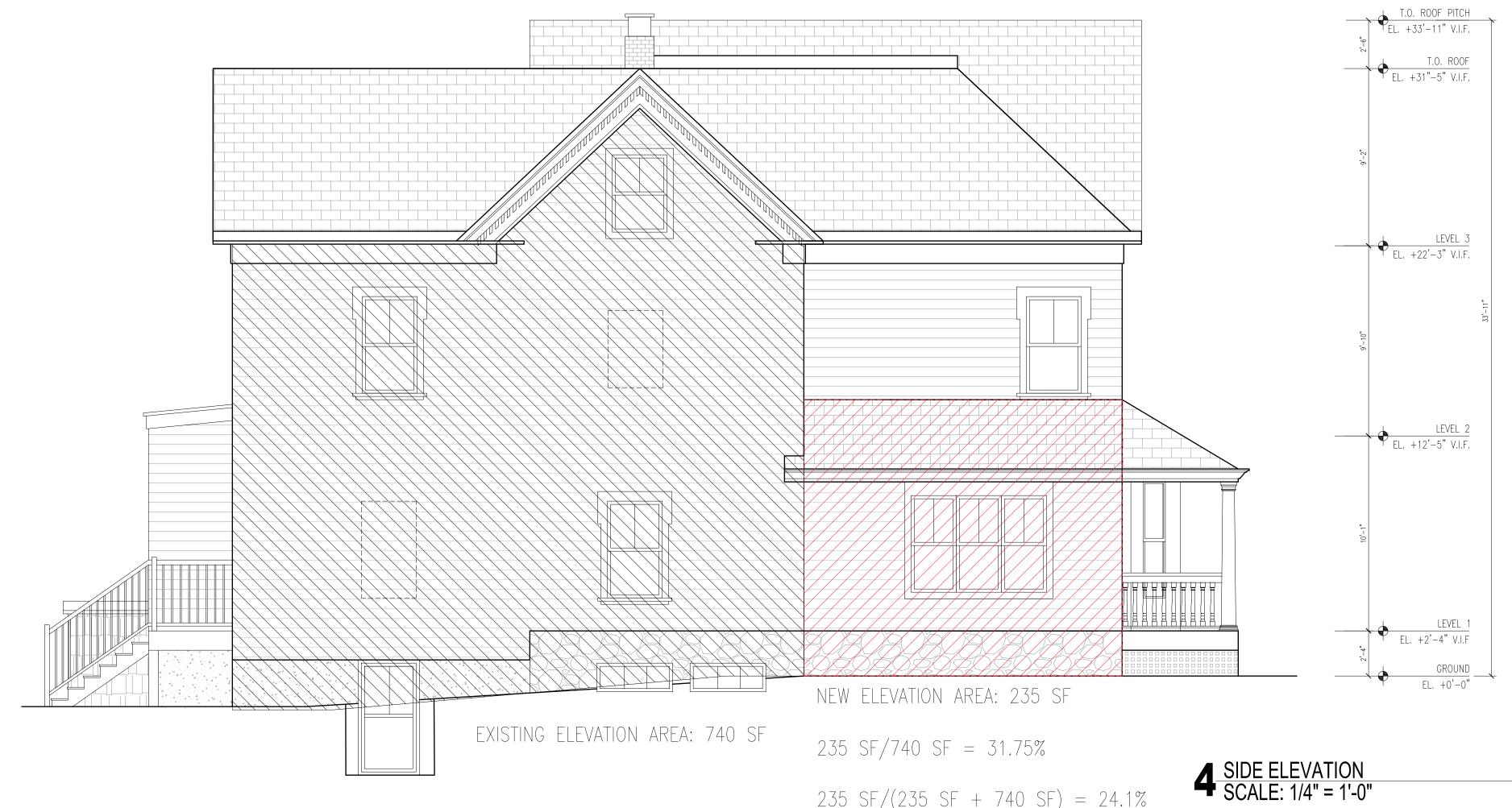
Drawing Title: Proposed Elevations

A-32

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



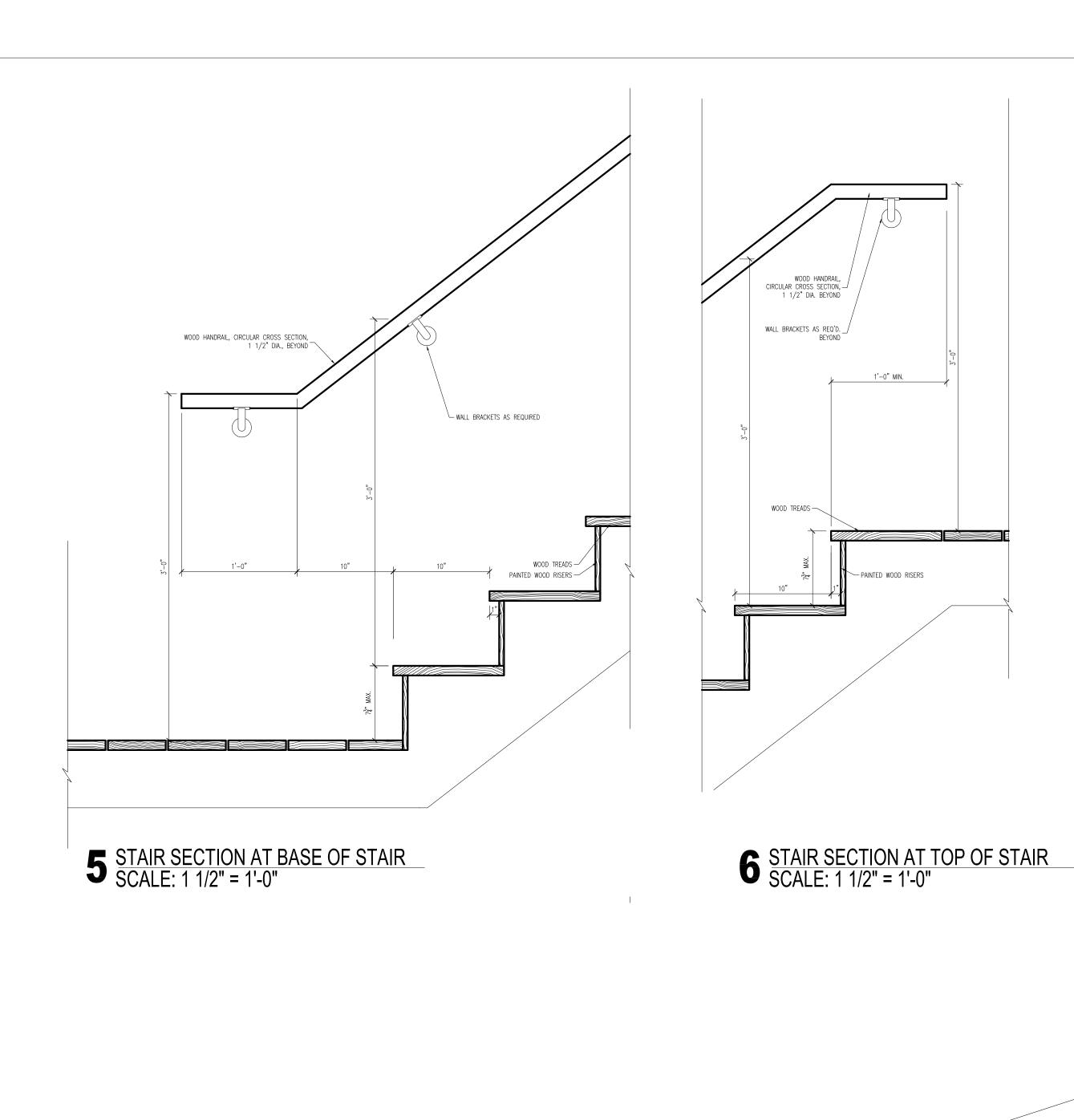
3 REAR ELEVATION SCALE: 1/4" = 1'-0"

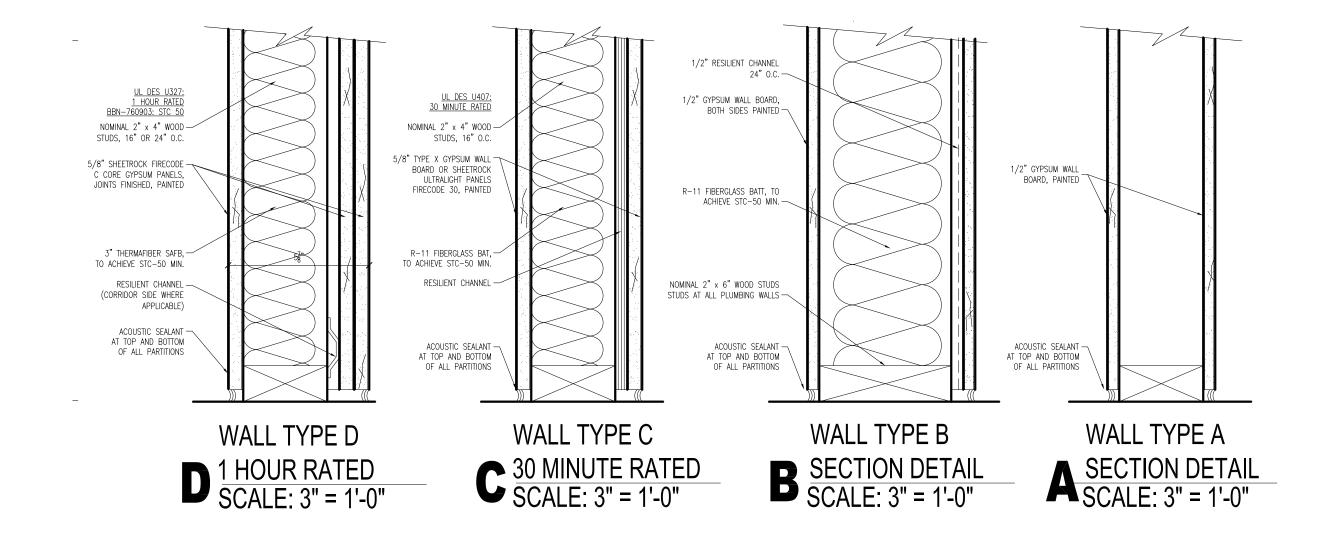


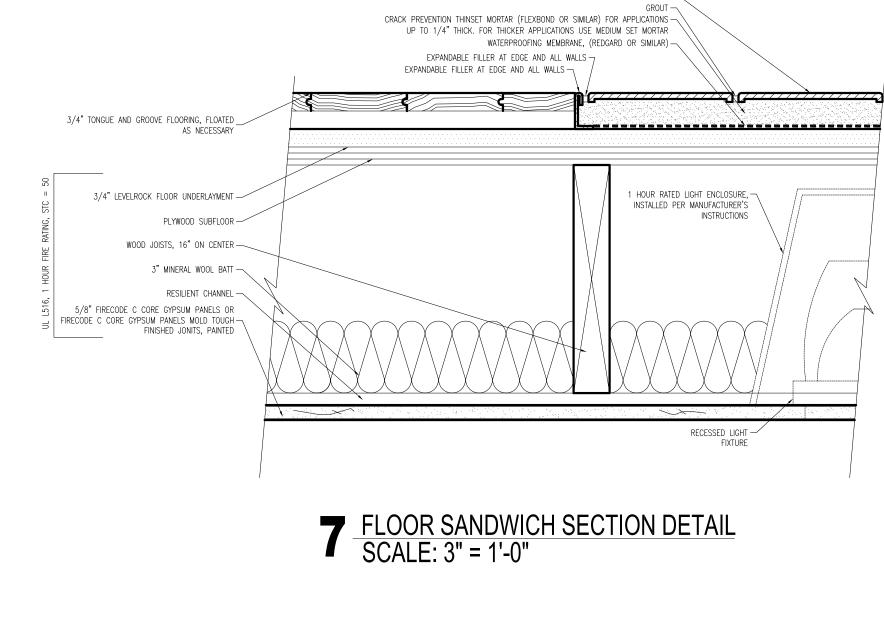
235 SF/(235 SF + 740 SF) = 24.1%

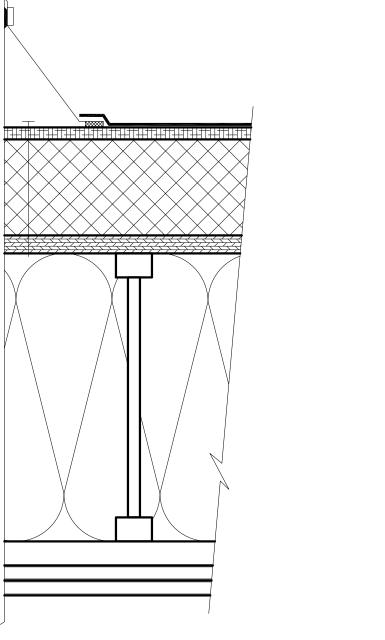


336 Cabot Street Dalfior Development context a collaborative design workshop Issued for Revision Issued for Permit **Drawing Title:** Proposed Elevations A-33

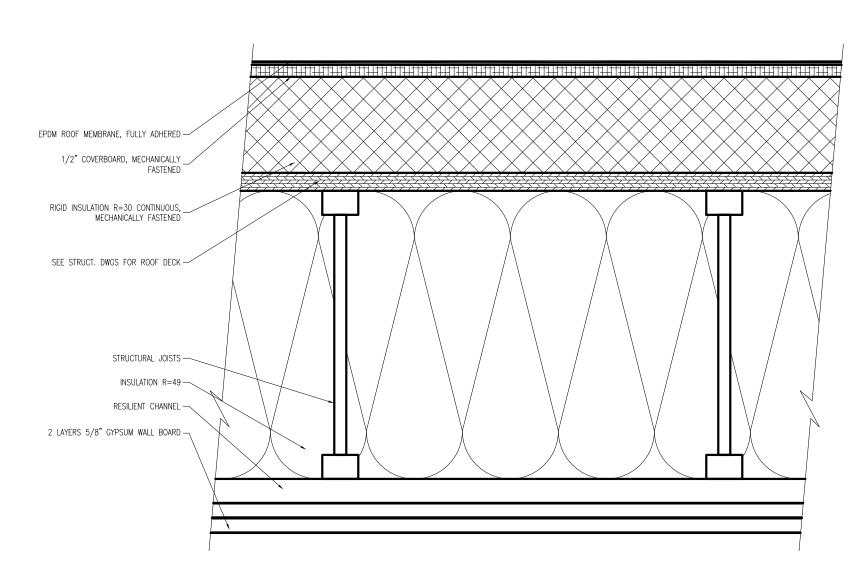




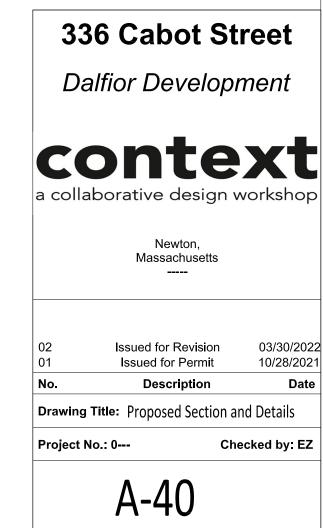


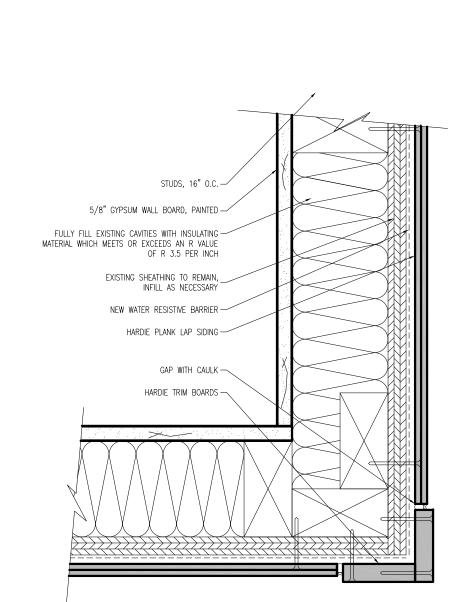


ROOF PENETRATION SECTION DETAIL SCALE: 3" = 1'-0"

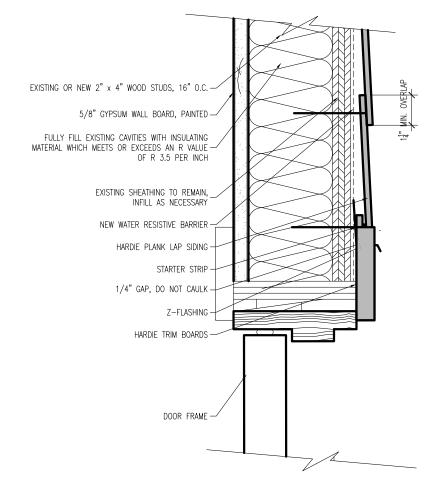


ROOF SANDWICH SECTION DETAIL SCALE: 3" = 1'-0"





2 EXTERIOR WALL PLAN DETAIL SCALE: 3" = 1'-0"



3 EXTERIOR WALL SECTION DETAIL SCALE: 3" = 1'-0"

PVC POLYURETHANE CAULK — AT TOP OF CLAMP SLOPED TO SHED WATER

SS CLAMP AND SCREW —

EPDM ROOF MEMBRANE, FULLY ADHERED —

FASTENER AND PLATE, MIN. OF 4 AROUND VENT PIPE

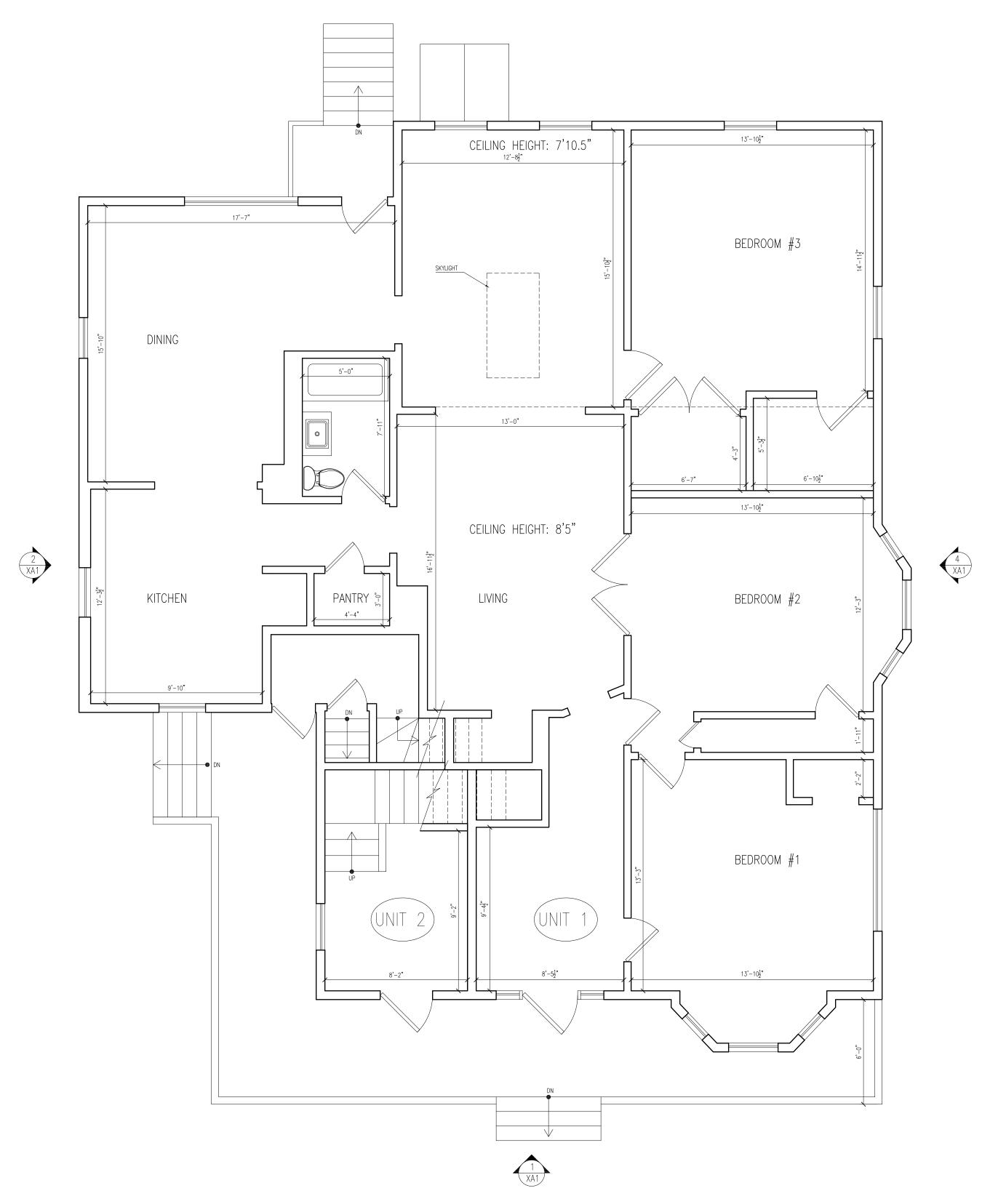
RIGID INSULATION R=30 CONTINOUS, — MECHANICALLY FASTENED

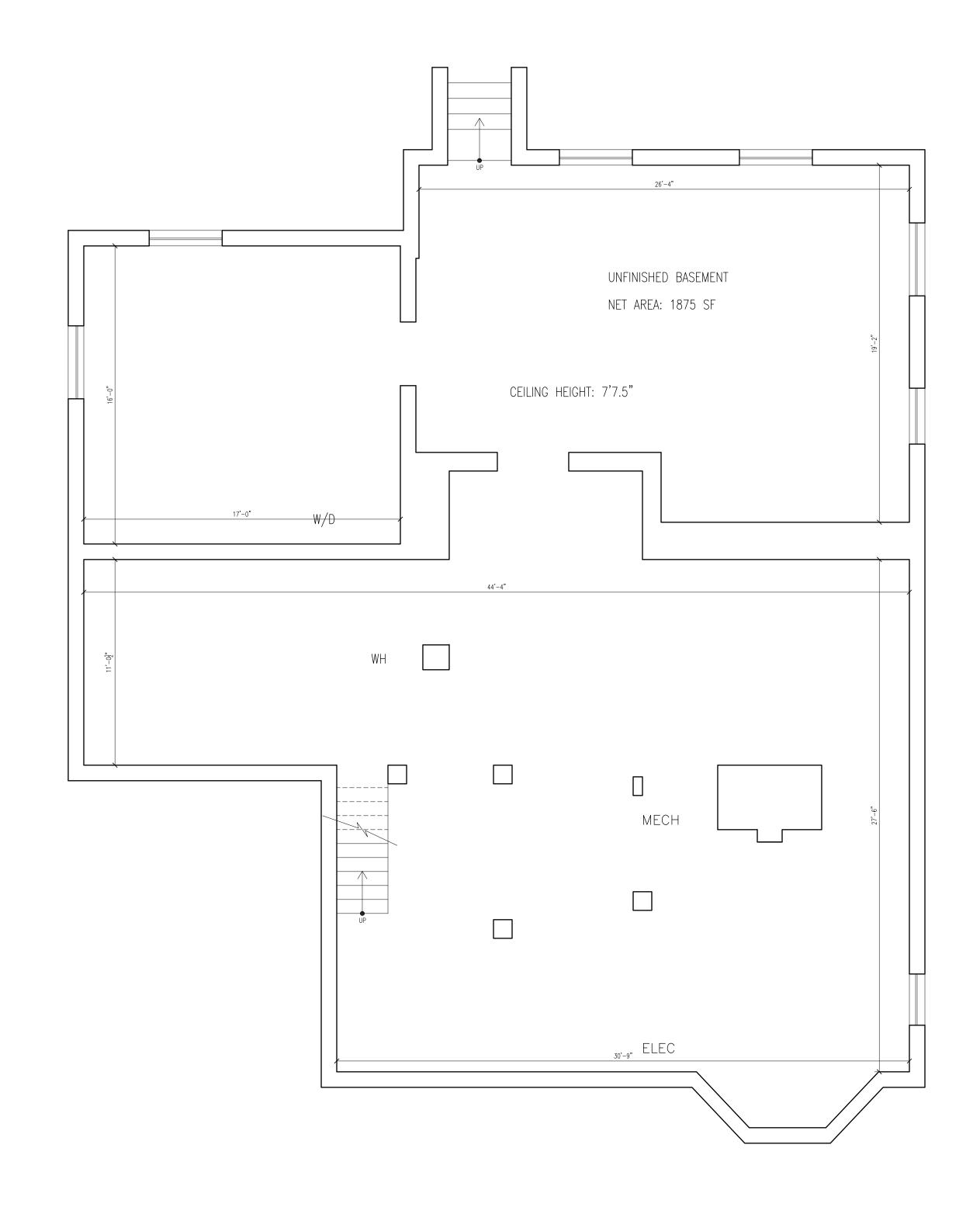
SEE STRUCT. DWGS FOR ROOF DECK-

2 LAYERS 5/8" GYPSUM WALL BOARD-

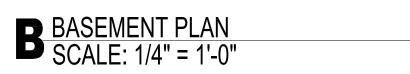
STRUCTURAL JOISTS —

INSULATION R=49 RESILIENT CHANNEL -

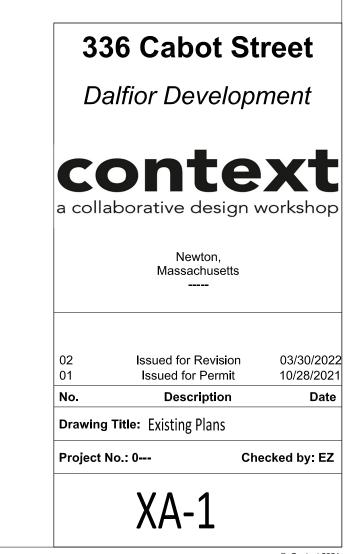


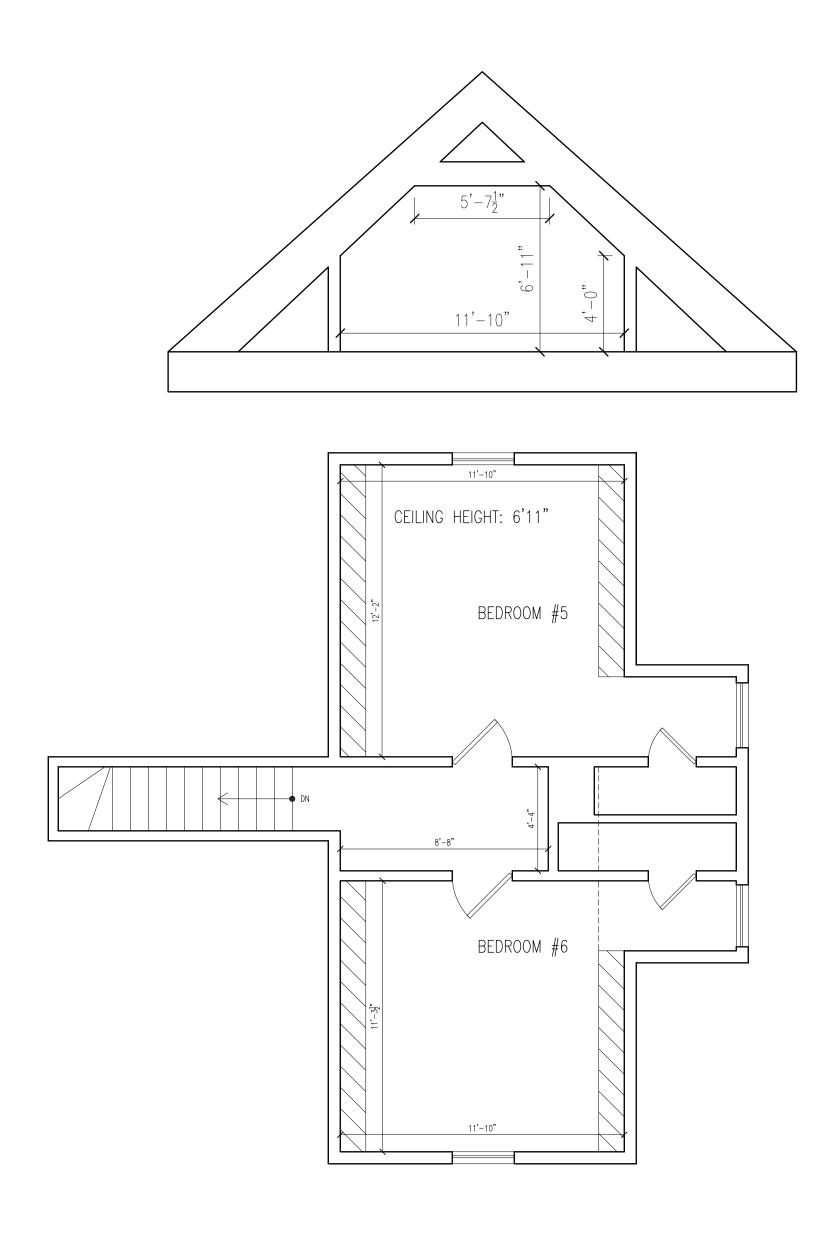


1 LEVEL 1 PLAN SCALE: 1/4" = 1'-0"

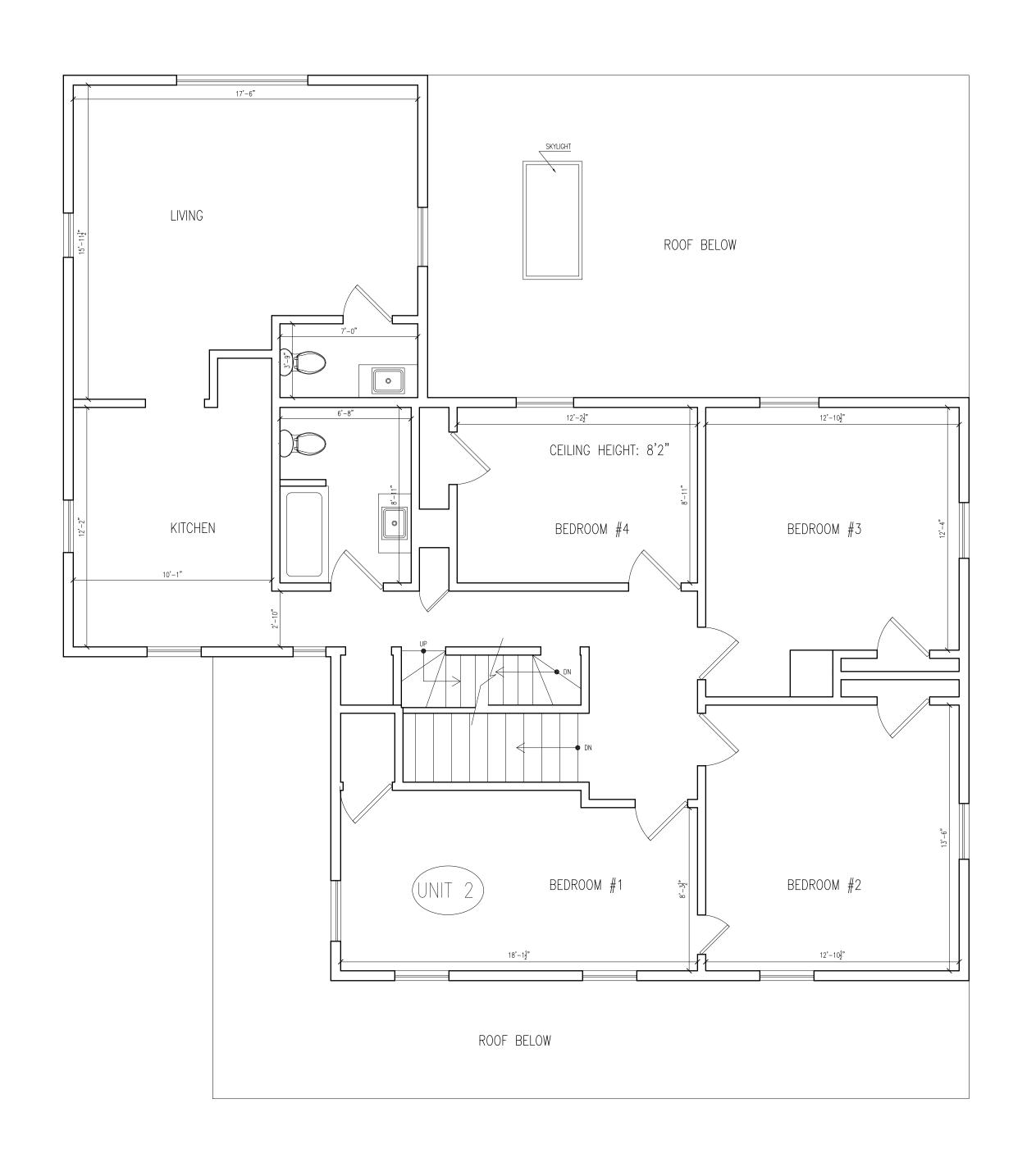








3 LEVEL 3 PLAN SCALE: 1/4" = 1'-0"



2 LEVEL 2 PLAN SCALE: 1/4" = 1'-0"



