

CITY OF METHUEN
METHUEN HISTORIC DISTRICT COMMISSION
SEARLES BUILDING, SUITE 217
41 PLEASANT STREET
METHUEN, MA 01844
(978) 983-8560 / Fax (978) 983-8976

APPLICATION FOR CERTIFICATE

Please refer to the official Historic District Commission meeting schedule for meeting dates (typically held the fourth Thursday of every month) and their associated submission deadlines.

Please submit the following, to the Department of Economic and Community Development, 41 Pleasant Street, Suite 217 by the appropriate submission deadline:

- A **\$25.00 application fee** in the form of a check payable to "City of Methuen"
 - **One original and ten (10) copies—ELEVEN (11) TOTAL** of:
 - The completed application
 - Secured to each copy of the application: Photographs, material and color samples, manufacturer's illustrations, plans and elevations, shop drawings, site or plot plan, and any other applicable exhibits needed to best inform Commissioners of your proposed actions.
- Sign applications** must include dimensions, accurate color samples (paint chips), materials, location, method of display, an image of the proposed sign at an appropriate scale in its proposed location, and an image of any existing signs. Note whether the sign is new or replaces an existing sign.

Applications will not be accepted if incomplete, missing copies, or with unpaid fees.

- If your application requires a public hearing (please inquire at the Department of Economic and Community Development), your application must also include:
 - A certified Historic District Commission abutter's list, obtained through Customer Service in Suite 119 or directly from the Assessor's office in Suite 103 (\$35.00 to City of Methuen).
 - Stamped envelopes, pre addressed to each of the abutters and the applicant. If the City of Methuen, 41 Pleasant Street is listed as an abutter, no stamp is required on the addressed envelope.

Applicants, or their representatives, are expected to be present at the meeting during which their application is discussed. Otherwise, the application is subject to removal from the agenda. Application decisions may require more than one meeting.

If any change in use of occupancy or location, or increase in square footage, height, or enclosed space (including garages) is proposed, certification that a ZONING VARIANCE has been issued by the Methuen Zoning Board of Appeals is required. The Commission will NOT hold a hearing on the Application before that certification is issued.

Name of Applicant/Contact: IVONE THARION

Site Location of Application: 163 BROADWAY ROAD METHUEN MA 01826

Business Name (or N/A): THARION GENERAL CONSTRUCTION INC

Applicant Mailing Address: 16 EUGENE DRIVE

City, State, Zip: BELCHERTOWN MA 01007

Telephone/Fax #'s: 413 461 6073 /

E-mail: IVY.THARION@GMAIL.COM

Check type of Certificate applying for:

 X **CERTIFICATE OF APPROPRIATENESS** for work described and exhibits filed.

 CERTIFICATE OF NON-APPLICABILITY for the following reason(s):

- Not visible from public street, way, place or body of water
- Reconstruction similar to original following fire or other disaster
- Maintenance, repair, or replacement, using same design, materials, colors
- No architectural features involved
- Proposed work complies with guidelines
- Other

 CERTIFICATE OF HARDSHIP, financial or otherwise described herein and not a substantial derogation from intent and purposes of law.

DESCRIPTION OF PROPOSED WORK. Proposed project and current site conditions:

DEMO THE EXISTING DECK, BUILD A 12'6" X 35 ADDITION ON TOP OF A SLAB FOUNDATION. INTERIOR LAYOUT CONSISTS OF A FAMILY ROOM, A BEDROOM, AND FULL BATH. EXTERIOR FINISHES CONSISTS OF VYNIL SIDING, VYNIL WINDOWS (UNITED), ASPHALT SHINGLES. OUR PROJECT DOES NOT PROPOSE ANY ALTERATIONS TO THE FRONT / SIDES OF THE HOUSE.

Proposed Start Date: PERMIT ISSUED Proposed Completion Date: 4 MONTHS AFTER
Name of Contractor: IVONE THARION
Contact Person: IVONE THARION
Address: 16 EUGENE DRIVE
City, State, Zip: BELCHERTOWN MA 01007
License #: CS-115072
Telephone/Fax #'s: 413 461 6073 /
E-mail: THARIONGENERALCONSTRUCTION@GMAIL.COM

Name of Architect: JOHN KARAVOLAS
Contact Person: SHAYANE RANGEL
Address: 26 NORWOOD STREET
City, State, Zip: EVERETT MA 02149
Mass. Reg. #: 38495
Telephone/Fax #'s: 389 440 79436 /
E-mail: INFO@RANGELPLANNINGDESIGN.COM

DOCUMENTATION ATTACHED:

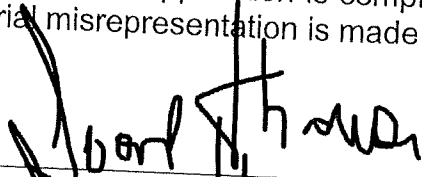
- ☐ Photographs
☐ Materials and/or Color Samples
☐ Manufacturer's Illustration
☒ Plans and Elevations
☐ Shop Drawing(s)
☒ Site or Plot Plan
☐ Abutters List
☐ Stamped envelopes, pre-addressed to abutters
☐ Other

Failure to submit the appropriate materials, substantial information, and/or application fee will result in rejection of this application as incomplete.

CERTIFICATION:

The applicant hereby certifies that this application is complete and accurate, to the best of his/her knowledge, and that no material misrepresentation is made herein.

Applicant(s):



Signature(s)

06/13/2025

Date

Contractor:



Signature

06/13/2025

Date







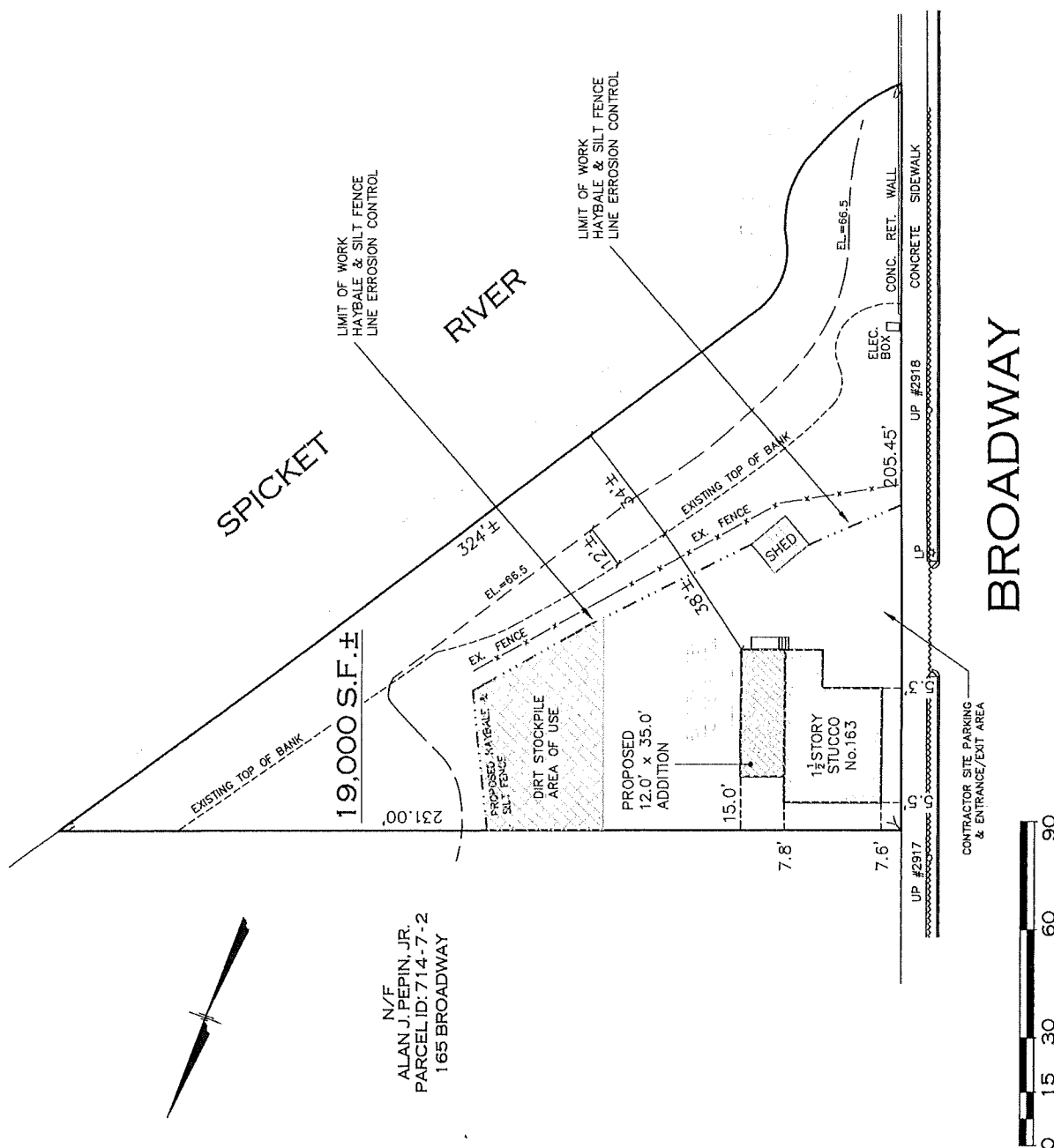


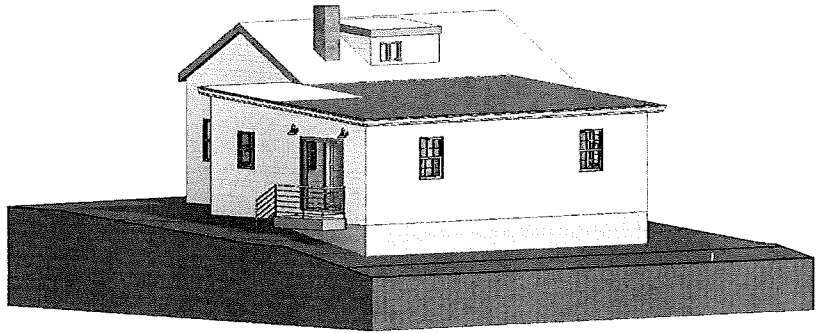
JAMES L NABSTEDT PLS NO. 39693

PLOT PLAN
SHOWING
PROPOSED ADDITION
AT
163 BROADWAY
IN
METHUEN, MASS.

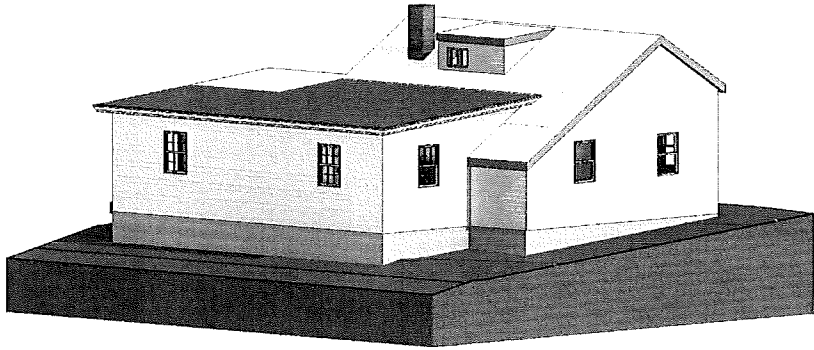
NEPONSET VALLEY SURVEY ASSOC., INC.
95 WHITE STREET
QUINCY, MA 02169

SCALE: 1"=30'	DATE: MARCH 10, 2025	SHEET 1 OF 1
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3D 1



3D 2

ARCHITECTURE | INTERIOR DESIGN

RANGEL PLANNING & DESIGN INC.

26 NORWOOD STREET,
EVERETT, MA 02149
T:339-440-7943

OWNER

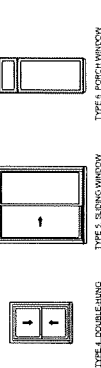
Ivone Tharion

163 BROADWAY
METHUEN, MA

SHEET LIST

Sheet List			
N	Sheet Number	Sheet Name	Dra
	A-02	EXISTING ELEVATION	Autc
	S-00	PROPOSED FOUNDATION PLAN	Autc
1	G-01	GENERAL	S.R.
2	G-02	CODE NARRATIVE	S.R.
4	G-03	WINDOW & DOOR SCHEDULE	S.R.
5	G-04	BUILDING DATA	S.R.
6	A-01	DEMOLITION FLOOR PLAN	S.R.
7	A-03	PROPOSED BASEMENT LEVEL	S.R.
8	A-04	PROPOSED FIRST FLOOR PLAN	S.R.
10	A-06	ROOF PLAN	S.R.
11	A-07	ELEVATION	S.R.
12	A-08	SECTION	S.R.
14	A-09	ENLARGED BATHROOM	S.R.
15	E-01	REFLECTED CEILING	S.R.
16	S-01	FRAMING PLAN	S.R.

Material	U-Factor	SHGC
Fenestration U-Factor	0.35	
Skylight U-Factor	0.50	
Glazed Fenestration SHGC	NR	



TYPE 4, DOUBLE-HUNG WINDOW	TYPE 5, SLIDING WINDOW	TYPE 6, PORCH WINDOW
WINDOW TYPE		
1/4" = 1'-0"		

EXTERIOR DOORS - ALL EXTERIOR DOORS SHALL BE SOLID CORE, INSULATED AND SWING INSIDE WITH WEATHER-TIGHT THRESHOLDS. INSTALL WEATHER-STRIPPING AROUND ALL DOORS. INSTALL PRE-HUNG DOOR UNITS. SEE DOOR SCHEDULE FOR DOOR AND FRAME MATERIAL.

INTERIOR DOORS - INTERIOR DOORS SHALL BE PRE-HUNG UNITS. SEE

Figure 1 shows five diagrams of different door types. Type 1: Pocket Door is a door that slides into a wall cavity. Type 2: Sliding Door is a door that slides horizontally on a track. Type 3: Interior Door is a standard hinged door. Type 4: Swing Door is a door that swings open on hinges. Type 5: French Door is a door with multiple glass panes and a central handle.

DOOR TYPE _____
1/4" = 1'-0"

WALL JOINT

Deer Schedule					Type	
Mark	Function	Head Height	Thorax Level	Thickness	Height	Width

D01	Interior	6' - 8"	First Floor	0' - 2"	6' - 8"	5' - 8"	68" x 80"
D02	Interior	6' - 8"	First Floor	0' - 2"	6' - 8"	2' - 6"	30" x 80"
D03	Interior	6' - 8"	First Floor	0' - 2"	6' - 8"	2' - 6"	30" x 80"
D04	Interior	6' - 8"	First Floor	0' - 1' 3/4"	6' - 8"	6' - 0"	72" x 80"
TOTAL : 4							

[illegible]

Window Schedule				
Type	Level	Width	Head Height	Sill Height

W01	First Floor	2' - 11 1/2"	3' - 11 3/4"	6' - 11 3/4"	3' - 0"	Double Hung Window	3' - 2X10
W01	First Floor	2' - 11 1/2"	3' - 11 3/4"	6' - 11 3/4"	3' - 0"	Double Hung Window	3' - 2X10
W01	First Floor	2' - 11 1/2"	3' - 11 3/4"	6' - 11 3/4"	3' - 0"	Double Hung Window	3' - 2X10
TOTAL: 3							

TOTAL: 3

163 BROADWAY
METHUEN, MA

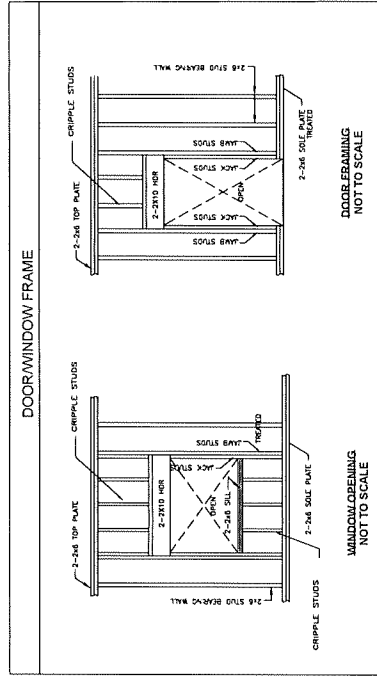
[illegible]

Rangel Project Number	24-087
Date	10/01/2024
Drawn by	S.R.
Checked by	J.K.



G-03

Scale	As indicated
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DOOR-WINDOW FRAME
3/8" x 1'-0"

TABLE 1



- PRODUCT LOCATION

Ivone Tharion

<https://rangelplanningdesign.com>
26 NORWOOD STREET,
EVERETT, MA 02149
(339) 440-7943

X
TRANGEL

A detailed architectural floor plan of a large, irregularly shaped room. The room is divided into several sections by walls and doorways. A central area is labeled "AREA 1278 SF". To the left of this central area is a staircase with a curved wall. To the right is another staircase. The room has multiple doorways leading to other areas, some of which are partially visible. The walls are thick and black, and the floor is white. The overall shape is somewhat rectangular with several protrusions and indentations.

ZONING MAP
1" = 400'-0"

1 PROJECT TEAM	NOTE	
2 SUBMITTER	SIGNATURE SUPERVISOR	
3 PROJECT NAME	SIGNATURE PROJECT MANAGER	
4 USE CATEGORY	STATUS, RESIDING ORIGIN	
5 COMMUNICATION TYPE	VS	
6 HEIGHT AREA	2.0 TO 6.0 METER	
7 PROJECT AREA	2.0 TO 6.0 METER	
8 LOT AREA	10.0 TO 15.0 METER	
9 TOTAL LOT AREA	10.0 TO 15.0 METER	
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98 TOTAL LOT AREA	10.0 TO 15.0 METER	
99 TOTAL LOT AREA	10.0 TO 15.0 METER	
100 TOTAL LOT AREA	10.0 TO 15.0 METER	

BUILDING DATA
1/4" = 1'-0"

 $\frac{1}{4} = 1.25$ 

JOHN K. AVDIADIS
STATE OF WASHINGTON
PROFESSIONAL ENGINEER
NO. 38495
EXPIRATION DATE 12/31/2012

BUILDING DATA

② $\frac{\text{Basement}}{3/16" = 1'-0"$

3/15 = 1/4

AREA
739 ST

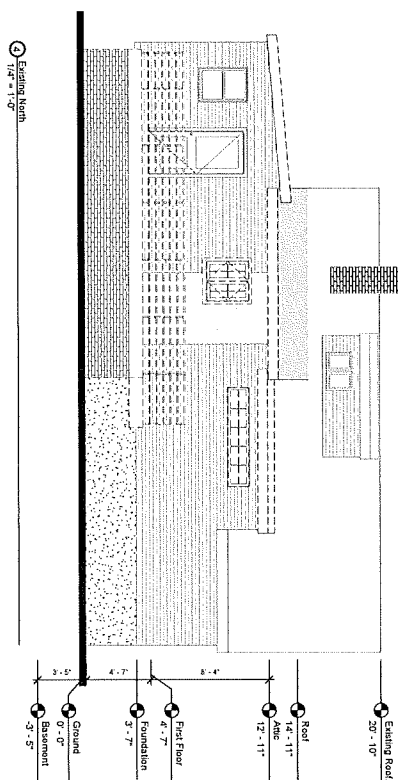
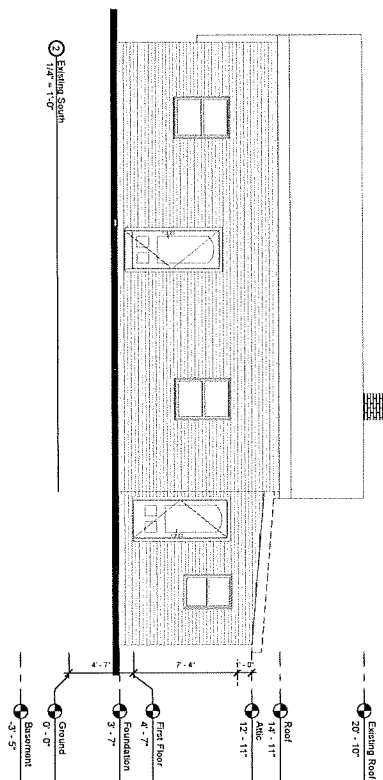
PROPOSED GROSS BUILDING	
FAR	GSPLOT AREA
Name	Area
BASEMENT	739 SQ.
FIRST FLOOR	1278 SQ.
TOTAL	2017 SQ.

Scale As indicated

G-04



As indicated:



X
ANGEL

<https://rango.planningdesign.com/>
26 NORWOOD STREET,
EVERETT, MA 02149
(339) 440-7943

Ivone Tharion

163 BROADWAY
METHUEN, MA

No.	Description	Date
1	SCHEMATIC DESIGN 1	10/01/2024

Range Project Number	24-09
Date	10/01/202
Drawn by	Auto
Checked by	Verificado



EXISTING
ELEVATION

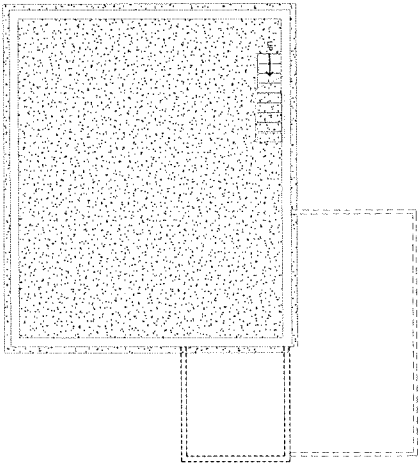
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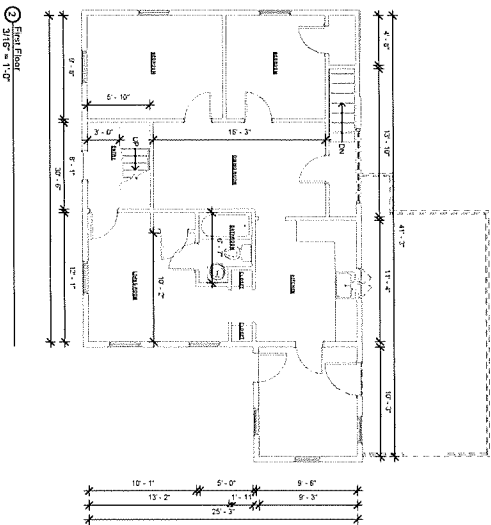
See also

$$1/\delta^* = T - Q$$

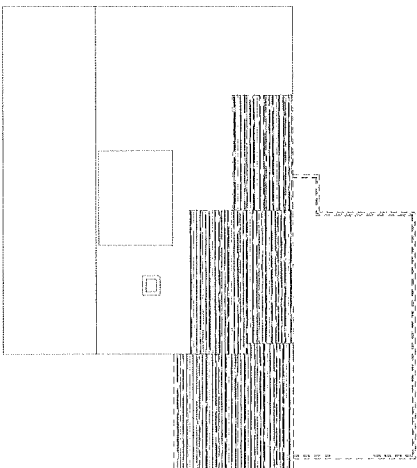
NOTES: VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION AND CONSTRUCTION. ALL EXISTING CONDITIONS TO REMAIN AS IS UNLESS OTHERWISE NOTED.
ALL DASHED AND CONSTRUCTION TO BE REMOVED.



Basement Demolition Plan
3/16" = 1'-0"



First Floor
3/16" = 1'-0"



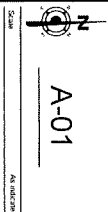
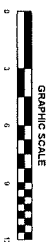
Existing Roof
3/16" = 1'-0"

A. THE DEMOLITION PLAN IS INTENDED TO SHOW THE EXISTING CONDITIONS WITH THE EXISTING TO REMAIN. VERIFY ALL CONDITIONS BEFORE PROCEEDING WITH THE WORK. B. THE CONTRACTOR SHALL REPORT SUCH DEFECTS TO THE ARCHITECT IMMEDIATELY UPON DISCOVERY. C. THE CONTRACTOR SHALL COORDINATE THE SAVAGE OF LIGHT FIXTURES, FURNISHINGS, DOORS, AND OTHER INTERIOR FINISHES. D. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRETTES AND OTHER PROTECTIVE MEASURES TO PROTECT THE OWNER'S PERSONNEL, OCCUPANTS, AND THE GENERAL PUBLIC. E. THE CONTRACTOR SHALL REPAIR, AT NO COST TO THE OWNER, DAMAGES CAUSED TO ADJACENT AREAS BY DEMOLITION WORK.

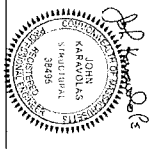
DEMOLITION NOTES:
1/8" = 1'-0"

WALLS EXISTING TO REMAIN
WALLS AND OTHER ELEMENTS TO BE DEMOLISHED AND DISPOSED OF OFFSITE
PROPOSED NEW WALLS

WALL LEGEND
1/8" = 1'-0"



DEMOLITION FLOOR PLAN



No.	Description	Date
1	DEMOLITION FLOOR PLAN	10/01/2024
2	DEMOLITION FLOOR PLAN	10/01/2024
3	DEMOLITION FLOOR PLAN	10/01/2024
4	DEMOLITION FLOOR PLAN	10/01/2024
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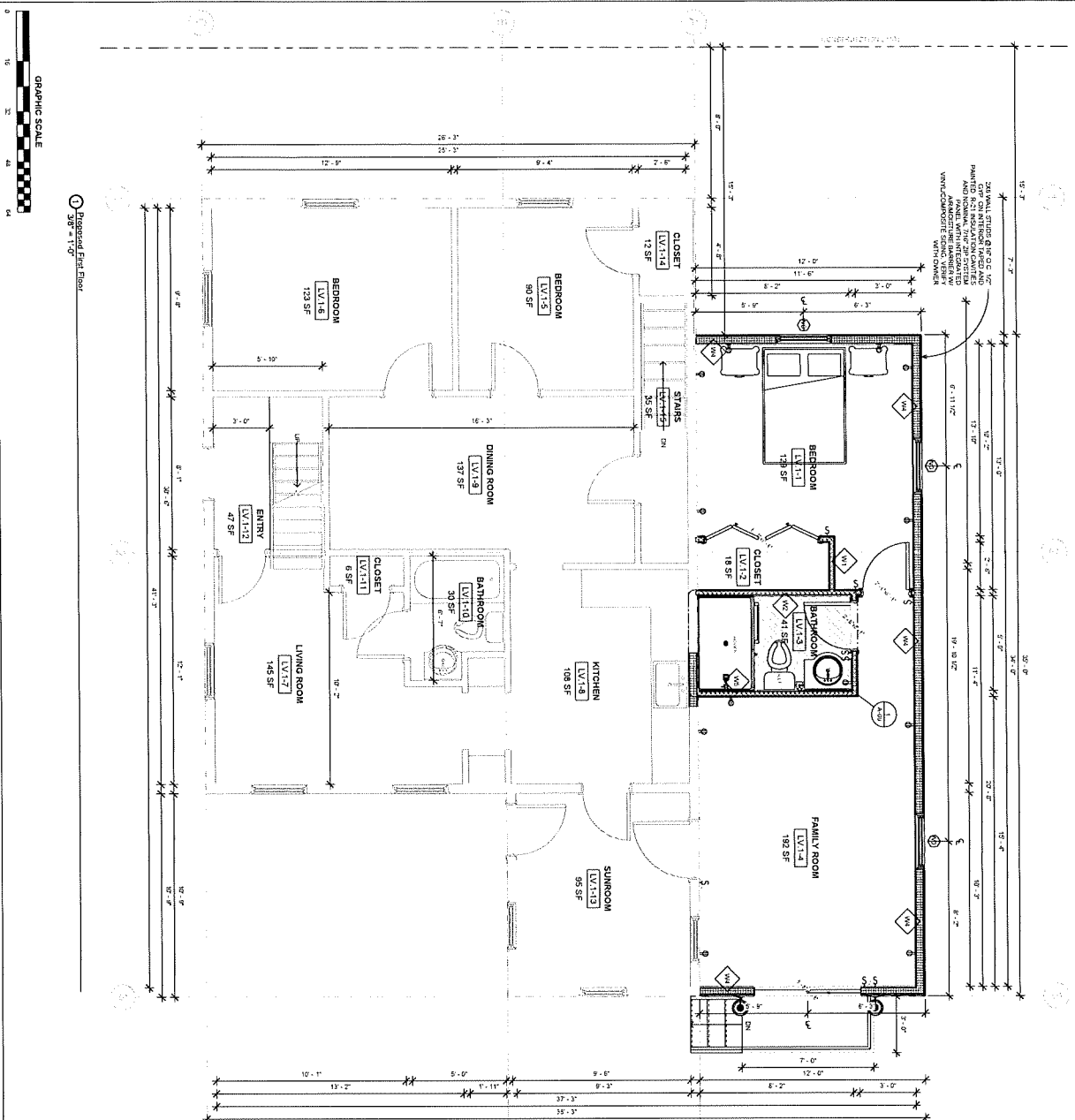
163 BROADWAY
METHUEN, MA

Ivone Tharion

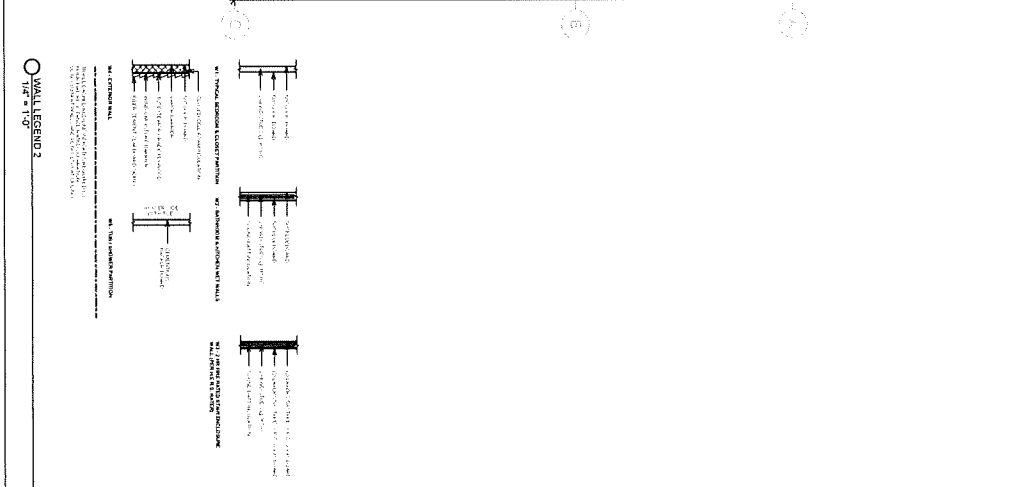
<http://www.frangel.com/>
26 NORWOOD STREET
EVERETT, MA 02148
(617) 467-1940



NOTES: VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION AND CONSTRUCTION. ALL EXISTING CONDITIONS TO REMAIN AS IS UNLESS OTHERWISE NOTED



Room Schedule					
Room	Number	Area	Floor	Wall Finish	Ceiling Finish
BEDROOM	LV1-1	123 SF	First Floor	5/8 SHEETROCK	5/8 SHEETROCK
BEDROOM	LV1-2	123 SF	First Floor	5/8 SHEETROCK	5/8 SHEETROCK
BEDROOM	LV1-3	123 SF	First Floor	5/8 SHEETROCK	5/8 SHEETROCK
BEDROOM	LV1-4	123 SF	First Floor	5/8 SHEETROCK	5/8 SHEETROCK
BEDROOM	LV1-5	90 SF	First Floor	5/8 SHEETROCK	5/8 SHEETROCK
DINING ROOM	LV1-6	137 SF	First Floor	5/8 SHEETROCK	5/8 SHEETROCK
KITCHEN	LV1-7	108 SF	First Floor	5/8 SHEETROCK	5/8 SHEETROCK
LIVING ROOM	LV1-8	145 SF	First Floor	5/8 SHEETROCK	5/8 SHEETROCK
FAMILY ROOM	LV1-9	192 SF	First Floor	5/8 SHEETROCK	5/8 SHEETROCK
SUNROOM	LV1-10	56 SF	First Floor	5/8 SHEETROCK	5/8 SHEETROCK
BATHROOM	LV1-11	50 SF	First Floor	5/8 SHEETROCK	5/8 SHEETROCK
ENTRY	LV1-12	47 SF	First Floor	5/8 SHEETROCK	5/8 SHEETROCK
CLOSET	LV1-13	12 SF	First Floor	EXISTING	EXISTING
CLOSET	LV1-14	12 SF	First Floor	EXISTING	EXISTING
CLOSET	LV1-15	12 SF	First Floor	EXISTING	EXISTING



FRANGEL
<http://www.frangeldesign.com>
 26 NORWOOD STREET,
 EVERETT, MA 02148
 (617) 486-7500

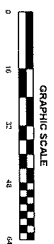
Ivone Tharion
 163 BROADWAY
 METHUEN, MA



PROPOSED FIRST
 FLOOR PLAN

A-04

Scale: As Indicated



A-06

X
TRANGEL

Ivone Tharion

163 BROADWAY
METHUEN, MA

ROOF PLAN



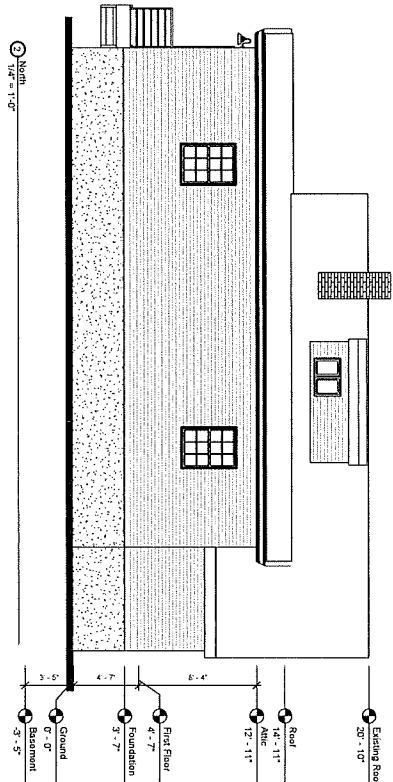
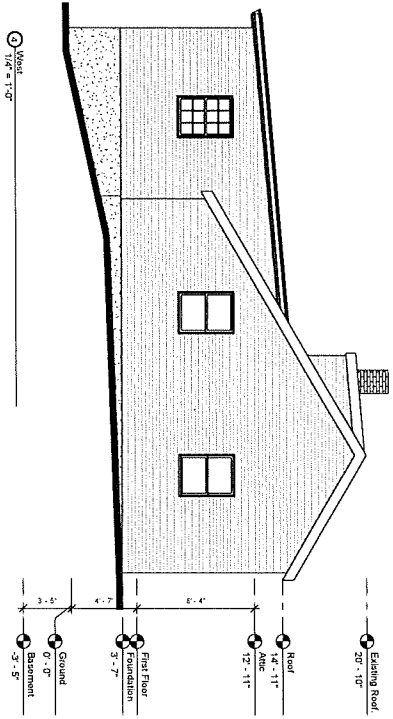
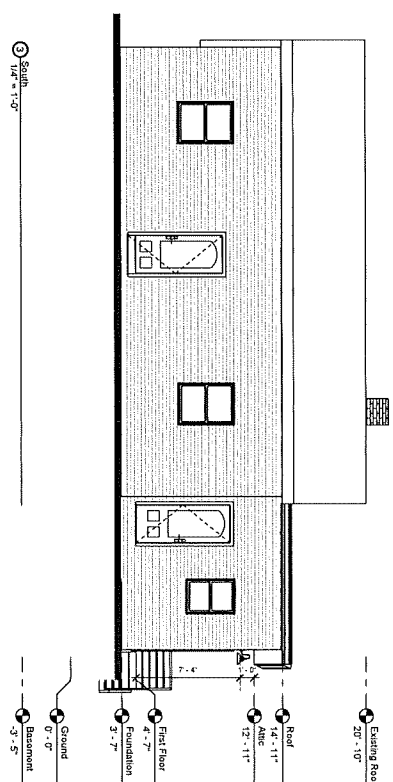
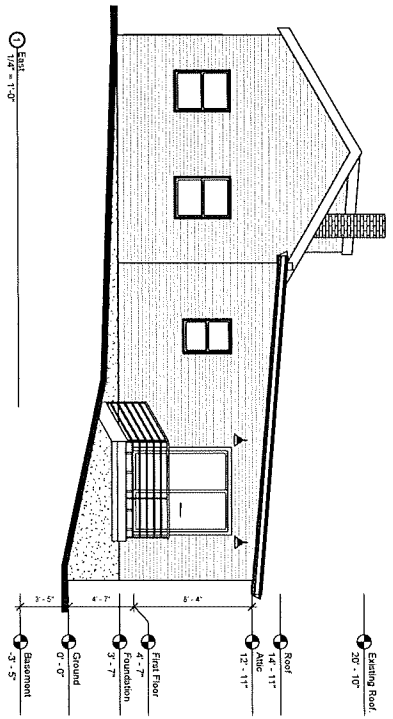
No.	Description	Date
1	SCHEMATIC DESIGN 1	10/01/2024

Register Project Number **24-087**

Date **10/01/2024**

Drawn by **S.R.**

Checked by **J.K.**



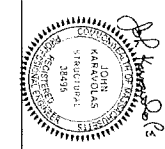
NOTES:
ELEVATION HEIGHTS ARE DEFINED BY FIRST FLOOR TOP OF
FINISHED FLOOR AND SECOND FLOOR TOP OF FINISHED
FLOOR. HEIGHTS SHOWN IN FOUNDATION PLAN ARE INDEPENDENT FROM
THOSE OF THE SITE PLAN. G.C. TO COORDINATE ACCORDINGLY
ARCHITECTURE DRAWINGS WITH SITE PLAN.



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25 NORWOOD STREET
EVERETT, MA 02148
(603) 467-1540

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163 BROADWAY
METHUEN, MA

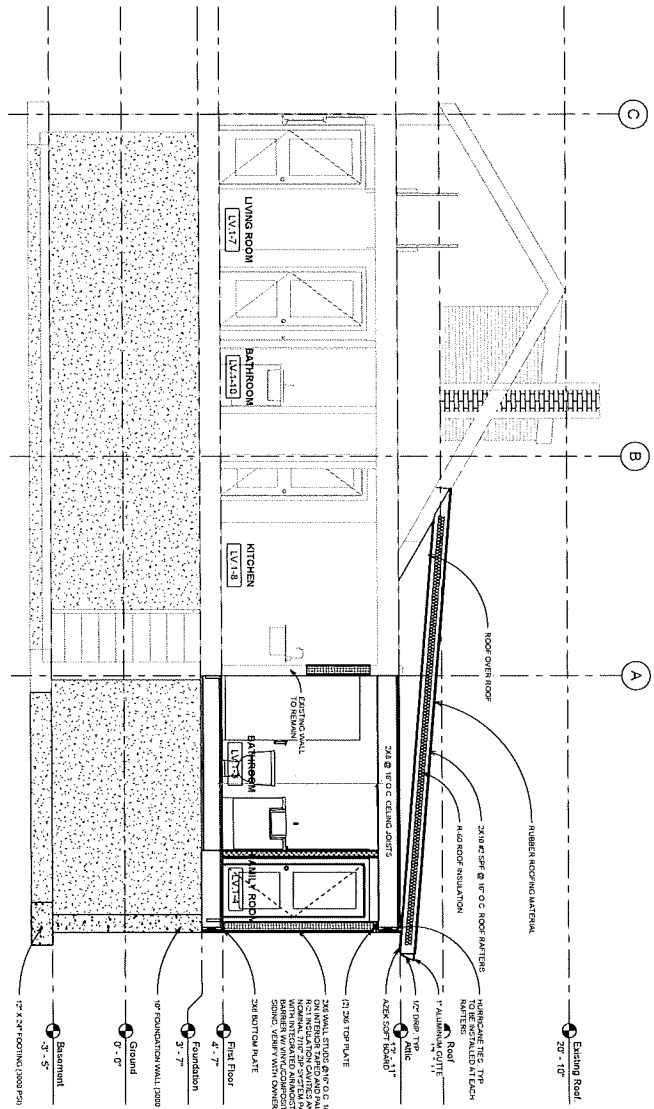
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5	SCHEMATIC DESIGN 5	10/07/2024
6	SCHEMATIC DESIGN 6	10/07/2024
7	SCHEMATIC DESIGN 7	10/07/2024
8	SCHEMATIC DESIGN 8	10/07/2024
9	SCHEMATIC DESIGN 9	10/07/2024
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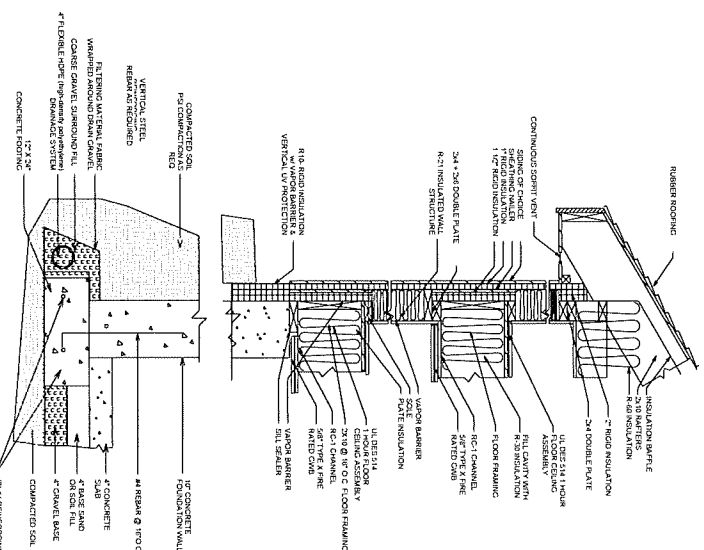
ELEVATION

A-07

Section 1
3/8" = 1'-0"



Section 2
1 1/2" = 1'-0"



ENERGY CODE REQUIREMENTS (IECC 2021)

TABLE R602.1.2 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT (a)						
CLIMATE ZONE	FENESTRATION U-FACTOR (b)	GLAZED FENESTRATION... R-VALUE	CEILING R-VALUE	WOOD FRAME WALL... R-VALUE	MASS WALL... R-VALUE	FLOOR R-VALUE
5 B	0.30	0.55	NR	49	21 or 13-50(c)	13/17
						30/0
						15/19
						10.2 R
						15/19

- NR = Not Required For 5 B = 304.8 mm.
1. Fenestration U-factor and SHGC are maximum. When insulation is installed in a cavity which is less than the total or design thickness of the insulation, the installed R-value of the insulation shall not be less than the R-value specified in the table.
2. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration. Exception: Skylights may be excluded from glazed fenestration.
3. SHGC requirements in climate zones 1 through 3 where the SHGC for such skylights does not exceed 0.30.
4. "15/19" means R-15 continuous insulation on the interior or exterior of the home or R-19 cavity insulation at the interior of the basement wall. "15/19" shall be permitted to be met with R-13 cavity insulation in the basement of the home.
5. "10.2 R" means R-10 continuous insulation on the interior or exterior of the home. "10.2 R" means R-10 continuous insulation on the interior or exterior of the home.
6. R-5 shall be added to the required slab edge R-values for heated slabs. Insulation depth shall be the depth of the footing or 2 feet, whichever is less in Climate Zones 1 through 3 for heated slabs.
7. There are no SHGC requirements in the Marine Zone.
8. Basement wall insulation is not required in warm-humid locations as defined by Figure R301.1 and Table R301.1.
9. GFI insulation sufficient to fill the framing cavity, R-18 minimum.
10. The first value is cavity insulation, the second value is continuous insulation, so "13-50" means R-13 cavity insulation plus R-50 continuous insulation.
11. The second R-value applies when more than half the insulation is on the interior of the mass wall.

INSULATION NOTES - Section

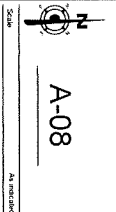
1. PRESCRIPTIVE CONFORMANCE TO IECC SECTION 402 SELECTED FOR COMPLIANCE WITH IRC CHAPTER 11 N1101.2
2. MINIMUM WINDOW PERFORMANCE: U-0.30 OR BETTER
3. MINIMUM SKYLIGHT PERFORMANCE: U-0.55 OR BETTER
4. ROOF AND CEILING INSULATION: PERFORMANCE R-49 OR BETTER. EXTEND FULL DEPTH INSULATION TO EXTERIOR WALL SHEATHING TO ELIMINATE COLD CORNERS AND PREVENT ICE DAM FORMATIONS
5. WOOD FRAME EXTERIOR WALLS: HIGH PERFORMANCE R-21 WALL INSULATION IN 2x6 WOOD STUD WALLS OR FLASH AND BATT WITH SPRAY FOAM AND FIBERGLASS ATT INSULATION TO MEET MINIMUM REQUIREMENT IN TABLE 402.1.1
6. MASS WALLS: R-17 MINIMUM PERFORMANCE IF INSTALLED INSIDE OF WALL CENTERLINE. R-13 MINIMUM IF INSTALLED ON THE OUTSIDE AS MEASURED FROM THE WALL CENTERLINE
7. FLOOR INSULATION: R-30 INSULATION BETWEEN JOISTS. INSULATION MUST BE INSTALLED FOR PERMANENT DIRECT CONTACT BETWEEN SUBFLOOR AND INSULATION. INSTALLATIONS THAT ALLOW FUTURE SAGGING OF INSULATION AWAY FROM FLOOR DECK ARE NOT PERMITTED
8. FOUNDATION AND SLAB INSULATION AT BASEMENT: R-30 INSULATION UNDER SLAB

No.	Description	Unit
1	CONCRETE, 4" THICK	100/100
2	CONCRETE, 4" THICK	100/100
3	CONCRETE, 4" THICK	100/100
4	CONCRETE, 4" THICK	100/100
5	CONCRETE, 4" THICK	100/100
6	CONCRETE, 4" THICK	100/100
7	CONCRETE, 4" THICK	100/100
8	CONCRETE, 4" THICK	100/100
9	CONCRETE, 4" THICK	100/100
10	CONCRETE, 4" THICK	100/100



SECTION

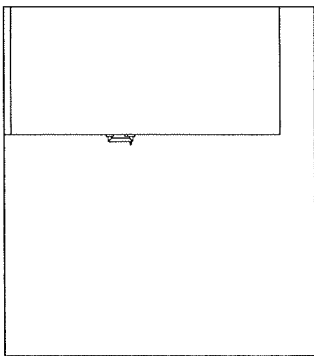
A-08



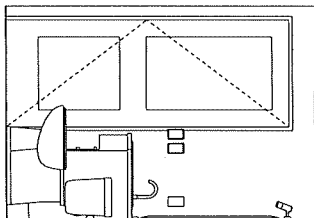
Ivone Thanon
163 BROADWAY
METHUEN, MA



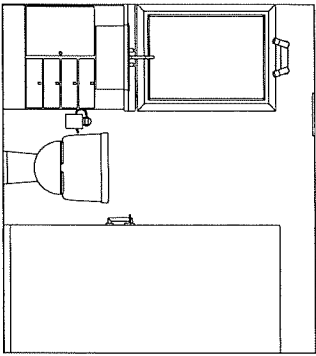
BATHROOMS:
 1. SHOWER FLOORS AND WALLS ABOVE BATHS WITH INSTALLED SHOWER HEADS AND IN SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NONABSORBENT SURFACE. SUCH WALL SURFACES SHALL EXTEND TO A HEIGHT OF NOT LESS THAN 6 FEET.
 2. AROUND SPOURTS, TUBS, WHIRLS, INSTALL 1/2" WATER RESISTANT DRYWALL OR EQUIV.
 3. ALL TUB OR SHOWER ENCLOSURES ARE TO BE COATED WITH SAFETY COATING.
 4. BATHROOM AND UTILITY ROOMS ARE TO BE VENTED TO THE OUTSIDE WITH A MINIMUM OF 1" DUCT FROM THE CENTER LINE OF WATER CLOSET SHALL BE NOT LESS THAN 12" FROM ADJACENT WALLS/PARTITION OR 12" FROM A TUB OR SHOWER.
 5. MIN. 12" FROM TUB OR SHOWER.



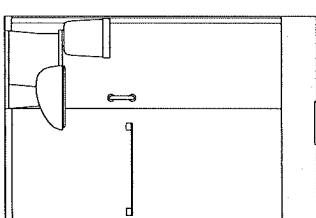
1-1/2" x 3'-6" = 1'-0"



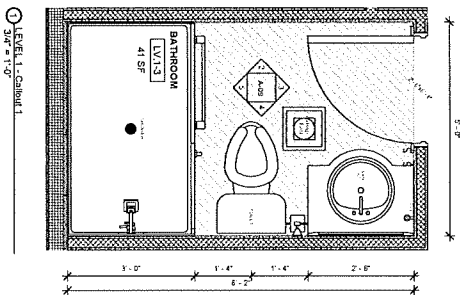
1-1/2" x 3'-6" = 1'-0"



1-1/2" x 3'-6" = 1'-0"



1-1/2" x 3'-6" = 1'-0"



1-1/2" x 3'-6" = 1'-0"



<http://www.frangelinc.com>
 26 NORWOOD STREET
 EVERETT, MA 02149
 (617) 407-7543

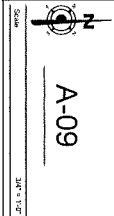
Ivone Tharion
 163 BROADWAY
 METHUEN, MA

NO.	DESCRIPTION	DATE
1	CONCEPT DESIGN	10/21/2024
2	PRELIMINARY DESIGN	10/21/2024
3	FINAL DESIGN	10/21/2024
4	CONSTRUCTION DOCUMENTS	10/21/2024
5	AS-BUILT	10/21/2024
6	REVISIONS	10/21/2024
7	FINAL	10/21/2024
8	AS-BUILT	10/21/2024
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ENLARGED
 BATHROOM

A-09



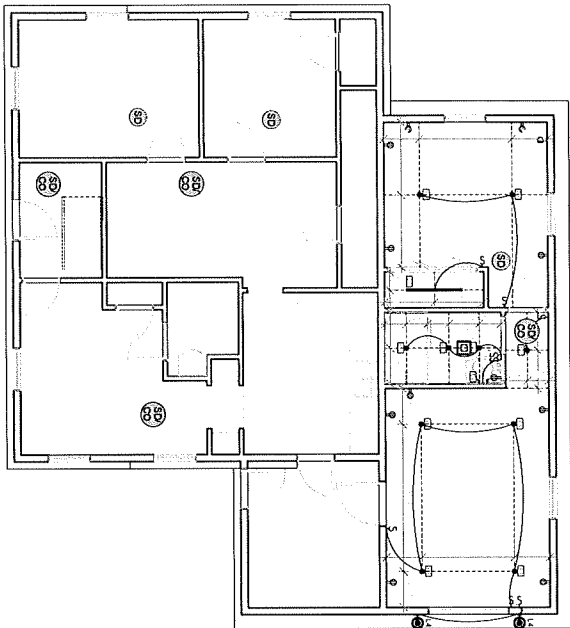
FRAMINGHAM I.S.D. & FIRE DEPT.
SHALL HAVE FINAL APPROVAL OF ALL
LIFE-SAFETY COMPONENTS

LIFE SAFETY LEGEND:

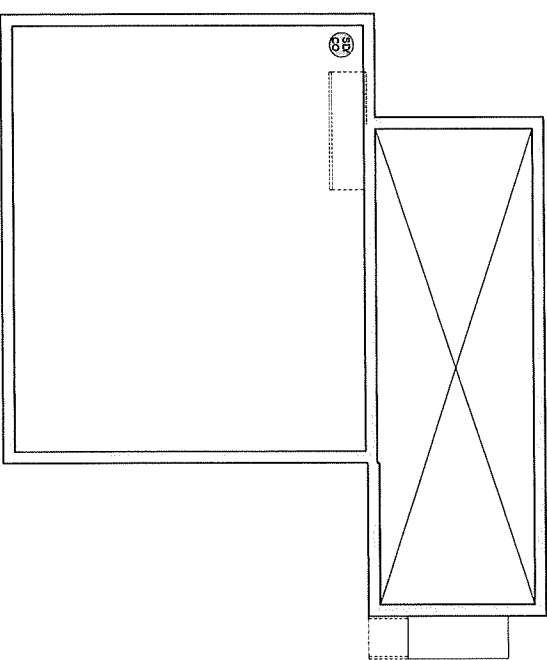
- SMOKE DETECTORS
R314 PG. 67 AMENDED
1 OUTSIDE EACH SEPARATE BEDROOM
1 NEAR BASE OF EACH STAIRWAY
1 IN EVERY BASEMENT & WALK UP
1 FOR EVERY 1,000 SQ. FT.
CARBON MONOXIDE
R315.4 PG. 68 AMENDED
1 IN EACH HABITABLE STORY OF THE
AND WITHIN 10 FT. OF ALL BEDROOMS.
- SMOKE/CARBON MONOXIDE
R315.5 PG. 68 AMENDED
1 OUTSIDE EACH SEPARATE BEDROOM
1 NEAR BASE OF EACH STAIRWAY
1 IN EVERY BASEMENT & WALK UP
1 FOR EVERY 1,000 SQ. FT.
HEAT DETECTOR
R315.6 PG. 68 AMENDED
1 IN EACH HABITABLE STORY OF THE
AND WITHIN 10 FT. OF ALL BEDROOMS.

ELECTRICAL NOTES:

- NOTE #1: CONTRACTOR TO REVIEW SWITCHING LOCATIONS IN
NOTE #2: CONTRACTOR TO REVIEW FINAL SMOKE LOCATION
WITH ARCHITECT AND OWNER PRIOR TO ROUGH WIRING.
NOTE #3: CONTRACTOR TO REVIEW FINAL SMOKE LOCATION
WITH ARCHITECT AND OWNER PRIOR TO ROUGH WIRING.
NOTE #4: CONTRACTOR TO REVIEW FINAL SMOKE LOCATION
WITH ARCHITECT AND OWNER PRIOR TO ROUGH WIRING.
NOTE #5: CONTRACTOR TO REVIEW FINAL SMOKE LOCATION
WITH ARCHITECT AND OWNER PRIOR TO ROUGH WIRING.
NOTE #6: CONTRACTOR TO REVIEW FINAL SMOKE LOCATION
WITH ARCHITECT AND OWNER PRIOR TO ROUGH WIRING.
NOTE #7: CONTRACTOR TO REVIEW FINAL SMOKE LOCATION
WITH ARCHITECT AND OWNER PRIOR TO ROUGH WIRING.
NOTE #8: CONTRACTOR TO REVIEW FINAL SMOKE LOCATION
WITH ARCHITECT AND OWNER PRIOR TO ROUGH WIRING.
NOTE #9: CONTRACTOR TO REVIEW FINAL SMOKE LOCATION
WITH ARCHITECT AND OWNER PRIOR TO ROUGH WIRING.



1 First Floor
1/4" = 1'-0"



2 Basement
1/4" = 1'-0"

ELECTRICAL LEGEND	
CEILING FAN WITH LIGHT	
DATA JACK	
TELEPHONE JACK	
GFI PROTECTED OUTLET	
STANDARD 110V OUTLET	
STANDARD 220V OUTLET	
PROGRAMMABLE THERMOSTAT	
LIGHT SWITCH	
3-WAY LIGHT SWITCH	
3-WAY LIGHT SWITCH	
CEILING MOUNTED RADIANT HEATER	
ELECTRICAL PANEL	
WALL SCONCE - BATH	
WALL MOUNTED LIGHT FIXTURE	
FLOOD LIGHT FIXTURE	
4" ROUND RECESSED LED DOWNLIGHT (TYP.)	
PENDANT LIGHT FIXTURE	
2" WIDE, 4 FT. LONG LINEAR LED LIGHT, GENERAL LIGHT	
2" WIDE, 2 FT. LONG LINEAR LED LIGHT, GENERAL LIGHT	
CEILING MOUNTED FAN LIGHT	
SMOKE DETECTOR	
CARBON MONOXIDE DETECTOR	
FIRE EXTINGUISHING CO2 TYPE	
FIRE EXTINGUISHING ABC TYPE	
HOT DETECTOR	
DUAL SMOKE DETECTOR	
CARBON MONOXIDE DETECTOR	

ELECTRICAL SYMBOL & LEGEND
1/8" = 1'-0"



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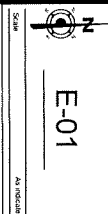
Ivone Tharion

163 BROADWAY
METHUEN, MA



REFLECTED CEILING

E-01





Number of Piers Supported by the Foundation	Thickness of Foundation Wall (inches)	Width of Footing (inches)	Thickness Of Footing (inches)	Depth Below Ground Surface (feet)
1	6	12	6	12
2	8	15	7	18
3	10	18	8	24

FOUNDATION SCHEDULE
1/8" = 1'-0"

[illegible]

FOUNDATION NOTES
1/8" = 1'-0"



No.	Description	Date
1	SCHEMATIC DESIGN 1	10/01/2024

Range Project Number: 24-085
 Date: 10/01/2024
 Drawn by: Aulisio
 Checked by: Verificado

Ivone Tharion

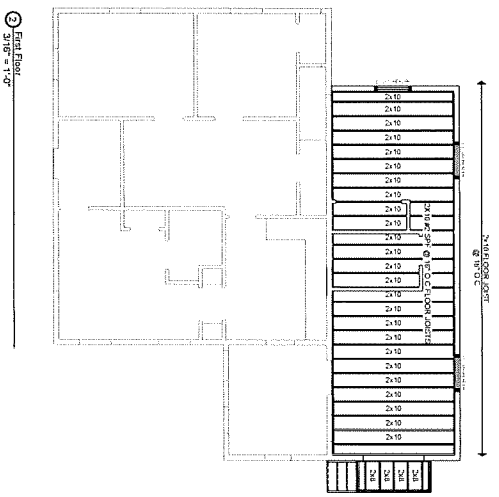
<https://rangelplanlingdesign.com>
26 NORWOOD STREET,
EVERETT, MA 02149
(339) 440-7943

X
RANGEL

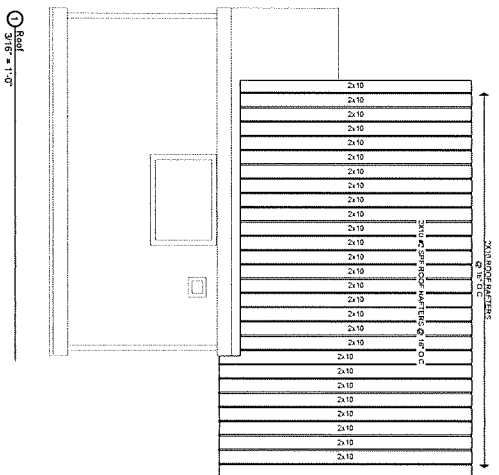
PROPOSED FOUNDATION PLAN



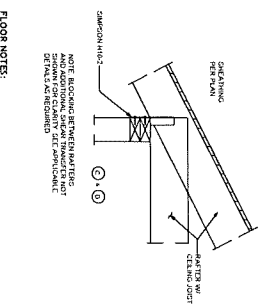
00-5



1 Elev. Floor
3/16" = 1'-0"



2 Elev.
3/16" = 1'-0"



RAFTER TIE TO TOP PLATE

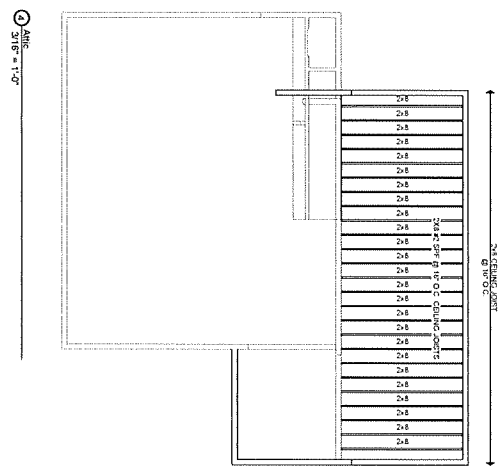
DETAIL	SECTION	RAFTER	TOP PLATE
A	1/2"	2x10	4x6
B	1/2"	2x10	4x6
C	1/2"	2x10	4x6
D	1/2"	2x10	4x6
E	1/2"	2x10	4x6

FLOOR NOTE:

1. All joists to be 2" x 10" minimum timber.
2. Rafter and joist to be 2" x 10" minimum timber.
3. Rafter and joist to be 2" x 10" minimum timber.
4. Rafter and joist to be 2" x 10" minimum timber.
5. Rafter and joist to be 2" x 10" minimum timber.

FLOOR FRAMING NOTES:

1. All joists to be 2" x 10" minimum timber.
2. Rafter and joist to be 2" x 10" minimum timber.
3. Rafter and joist to be 2" x 10" minimum timber.
4. Rafter and joist to be 2" x 10" minimum timber.
5. Rafter and joist to be 2" x 10" minimum timber.



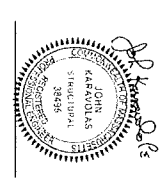
3 Elev.
3/16" = 1'-0"

FRANGEL

<http://www.frangel.com>
 2500 BROADWAY
 EVERETT, MA 02149
 (339) 440-7943

Ivone Tharon

163 BROADWAY
 METHUEN, MA



NO.	REVISION	DATE
1	SCHEMATIC DESIGN	10/01/2024
2	SCHEMATIC DESIGN	10/01/2024
3	SCHEMATIC DESIGN	10/01/2024
4	SCHEMATIC DESIGN	10/01/2024
5	SCHEMATIC DESIGN	10/01/2024
6	SCHEMATIC DESIGN	10/01/2024
7	SCHEMATIC DESIGN	10/01/2024
8	SCHEMATIC DESIGN	10/01/2024
9	SCHEMATIC DESIGN	10/01/2024
10	SCHEMATIC DESIGN	10/01/2024

Design: Project Number: 24-087
 Date: 10/01/2024
 Drawn by: S.R.
 Checked by: J.K.

Scale: N

S-01

As noted