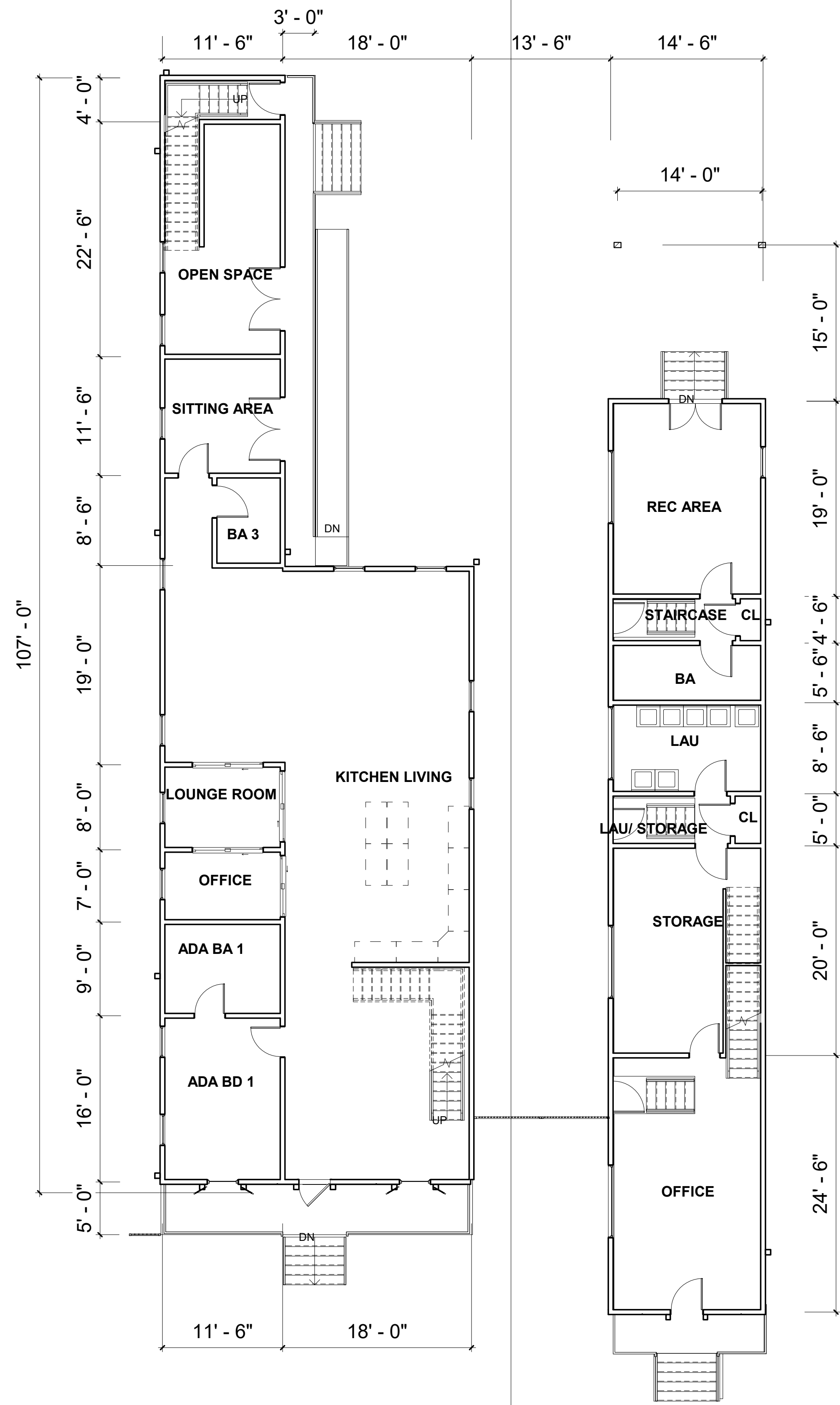


1 LEVEL 02 - PROPOSED MARKING  
1/8" = 1'-0"



2 LEVEL 01 - PROPOSED MARKINGS  
1/8" = 1'-0"

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CONSULTANTS & ENGINEERS  
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CONTACT@LEOPARDEENGINEERING.COM  
OFFICE: (504)564-7199



MAGED AL GHARABLY, P.M.P., P.E.  
LICENSES NUMBER 41109

PLEASE BE ADVISED THAT THESE PLANS HAVE BEEN  
PREPARED UNDER MY SUPERVISION BEING A  
PROFESSIONAL ENGINEER, AND I TAKE FULL  
RESPONSIBILITY FOR THE CONTENTS OF THESE  
PLANS. THE DESIGN SPECIFICATION COMPLY WITH  
CITY, PARISH, AND STATE BUILDING CODE  
REQUIREMENTS TO THE BEST OF MY KNOWLEDGE  
AND BELIEF. THIS REVIEW DOES NOT ATTEST TO  
COMPLIANCE WITH ZONING, ENVIRONMENTAL OR  
SUBSOIL FOUNDATION REQUIREMENTS. I WILL NOT  
ADMINISTER THE CONSTRUCTION WORK.

No.	Description	Date

1620 DUMAINE ST  
FLOOR PLAN

Project number LEO - 208  
Date 06/05/2022  
Drawn by MAGED ALGHARABLY  
Checked by MAGED ALGHARABLY

A101

Scale 1/8" = 1'-0"

**FOUNDATION VENTILATION CALCULATIONS:**

- CRAWL SPACE FLOOR AREA = 680 SQFT
- THE NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1/150 OF THE CRAWL-SPACE AREA.
- REQUIRED VENT AREA = 4.53 SQFT = 652.32 SQ.INCH
- FOUNDATION VENT CLEAR AREA = 176 SQ.INCH
- REQUIRED VENT = 3.71 VENTS
- PROVIDED VENTS = 4 VENTS.
- REQUIREMENT IS MET

**ATTIC VENTILATION CALCULATIONS:**

- ATTIC AREA = 680 SQFT
- PER CODE R806.1, R806.2, THE NET FREE VENTILATING AREA SHALL NOT BE LESS THAN: 1/150 OF THE ATTIC SPACE. IF WE USE
- MECHANICAL VENT, THEN 1 CFM (FT3/MIN) = 1 SQFT OF ATTIC SPACE.
- REQUIRED MECHANICAL VENT IS 680 CFM AS A MINIMUM.
- PROVIDED IS 1 OF 1450 CFM SILVER ELECTRIC POWERED GABLE
- MOUNT ELECTRIC ATTIC FAN. PROVIDED CAPACITY IS 1450 CFM.
- REQUIREMENT IS MET

ROOF AREA 1	A1	A2	A3	A4
S.F. / 150 = SQ. INCHES OF FREE TOTAL VENTILATION AREA REQUIRED.	CONCEALED ROOF VENT	CONCEALED ROOF VENT	CONCEALED ROOF VENT	CONCEALED ROOF VENT
VENT TYPE	FLAT STYLES	"N" STYLES	"M" STYLES	"B" STYLES
S.I. PROPOSED	VENT TYPE	VENT TYPE	VENT TYPE	VENT TYPE

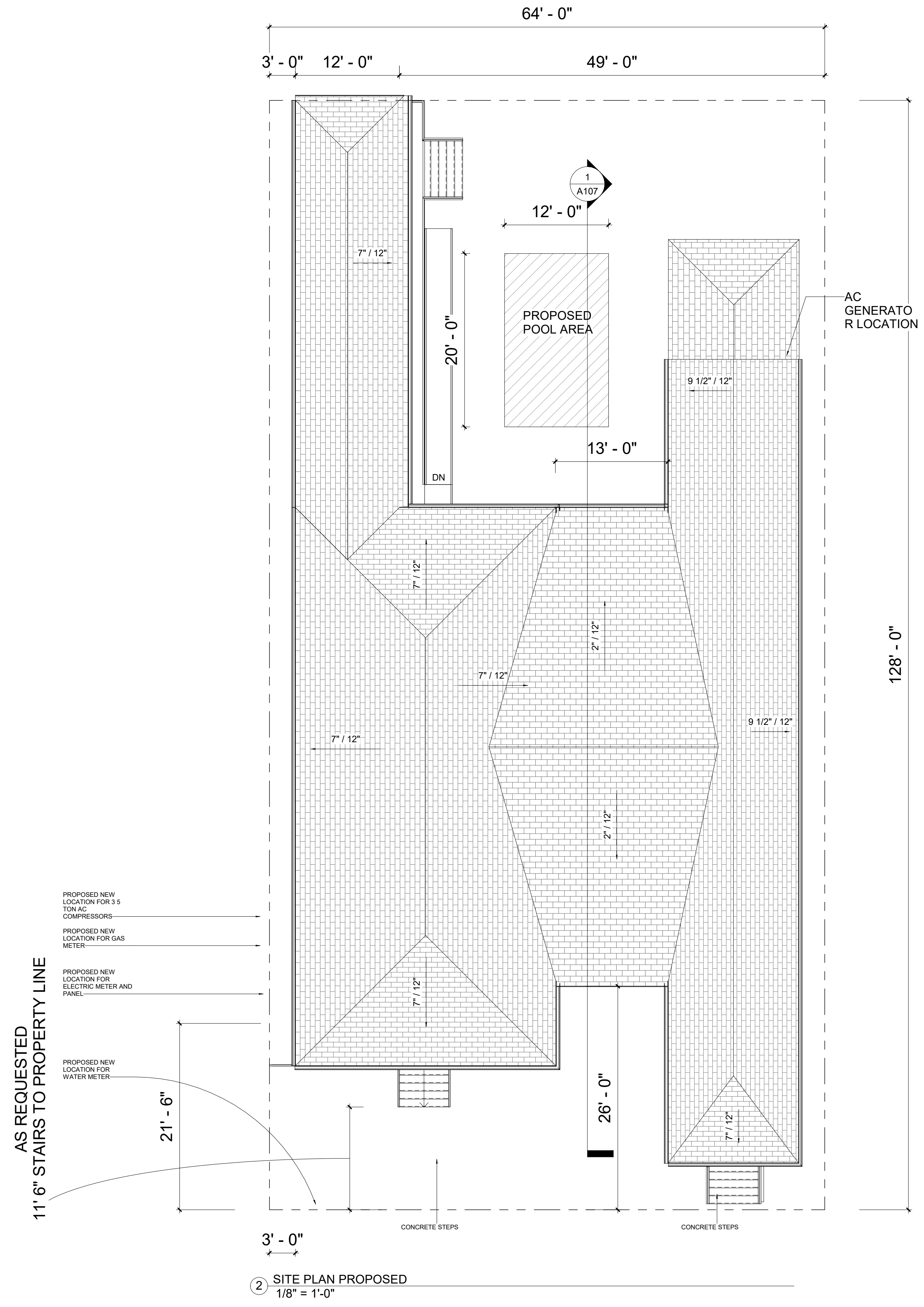
  

ROOF AREA 2	A5	B	C	D
S.F. / 150 = SQ. INCHES OF FREE TOTAL VENTILATION AREA REQUIRED.	CONCEALED ROOF VENT	CONCEALED ROOF VENT	CONCEALED ROOF VENT	CONCEALED ROOF VENT
VENT TYPE	CORNER VENT	GABLE VENT	GABLE VENT	GABLE VENT
S.I. PROPOSED	VENT TYPE	VENT TYPE	VENT TYPE	VENT TYPE

NOTES:

- GENERAL CONTRACTOR SHALL VERIFY THE NET FREE VENTILATION OF THE VENT PRODUCT SELECTED AGAINST THOSE NOTED ABOVE. THE REQUIRED VENTILATION SHALL BE MAINTAINED. PROVIDE INSULATION STOP SUCH THAT INSULATION DOES NOT OBSTRUCT FREE AIR MOVEMENT AS REQUIRED BY THE BUILDING OFFICIAL.
- ATTIC OVERHANGS AND OTHER CONCEALED ROOF SPACES FORMED OF COMBUSTIBLE MATERIALS SHALL BE PROVIDED WITH DRAFT STOPS OF APPROVED MATERIALS, AND SHALL COMPLY WITH SECTION C.B.C. 1503.3
- ALL VENTS MUST BE LOWERED AND COVERED WITH 1/4" NON-COMBUSTIBLE, CORROSION-RESISTANT METAL MESH. TURBINE VENTS SHALL TURN IN ONE DIRECTION ONLY.



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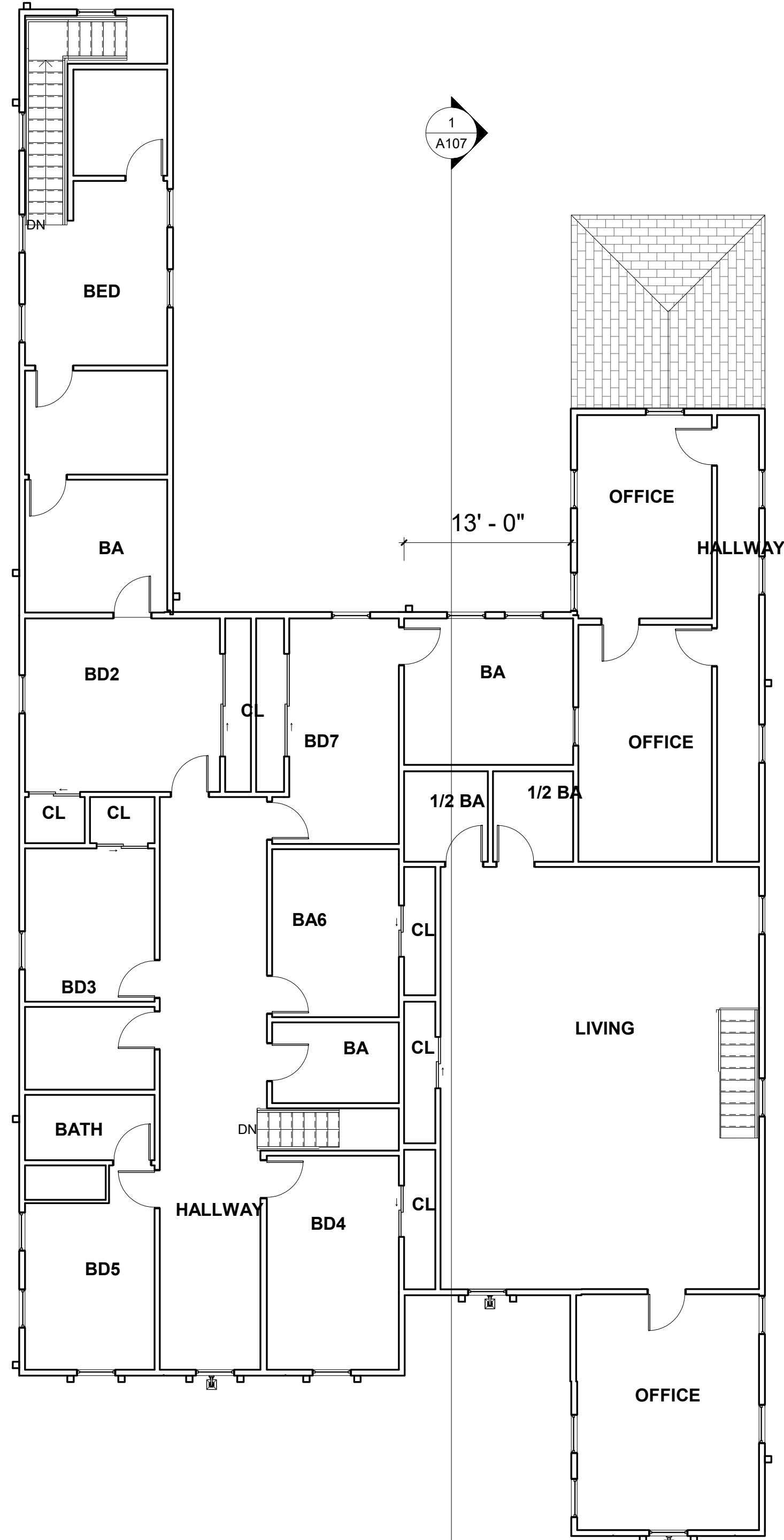
No.	Description	Date

1620 DUMAINE ST  
 SITE PLAN &3D

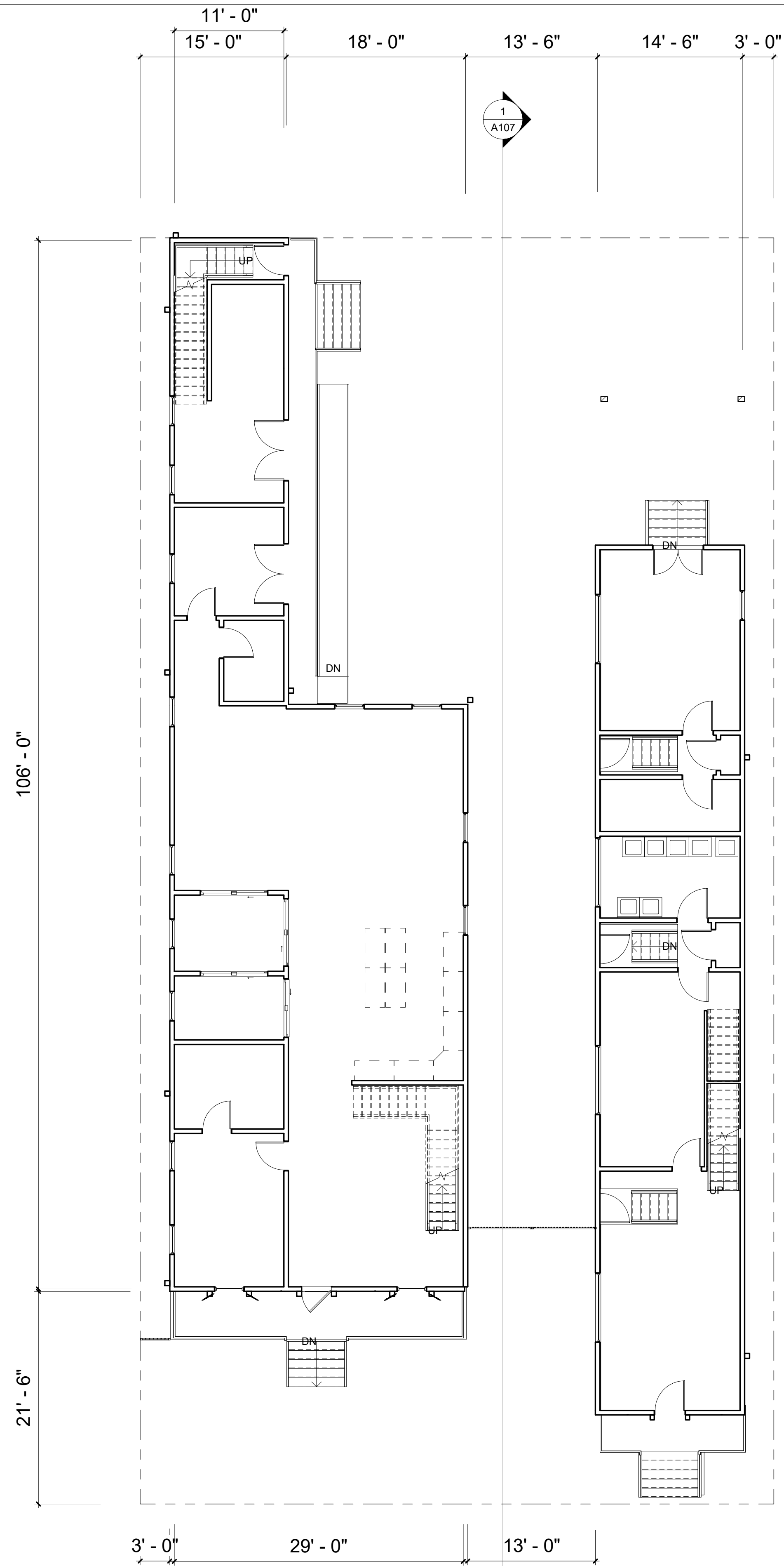
Project number: LEO - 208  
 Date: 06/05/2022  
 Drawn by: MAGED ALGHARABLY  
 Checked by: MAGED ALGHARABLY  
**A102**  
 Scale: As indicated

**GENERAL NOTES:**

NO FUEL FIRE APPLIANCES IN THE DWELLING.  
 WALL INSULATION IS MIN R-13 TYP AND ROOF AND ATTIC IS R-30 MIN.  
 TERMITE PROTECTION TO BE USING NATURALLY DURABLE TERMITE RESISTANT WOOD AND INSTALLING TERMITE BAITING SYSTEM INSTALLED AND MAINTAINED ACCORDING TO VENDOR LABELING.  
 ALL BATHROOMS AND WATER CLOSETS COMPARTMENTS OR SIMILAR ROOMS SHALL BE PROVIDED WITH A WINDOW NOT LE55 THAN 3 SQUARE FEET WITH ONE-HALF OF WHICH MUST BE OPERABLE. WINDOW SHALL NOT BE REQUIRED IF MECHANICAL VENTILATION IS PRODUCING A CHANGE OF AIR EVERY 12 MINUTES 15 PROVIDED. ALL EXHAUSTS SHALL BE VENTED DIRECTLY TO THE OUTSIDE.  
 ALL AC RETURN AIR CHASE SHALL BE CONSTRUCTED OF ONE-HOUR RATED CONSTRUCTION.  
 R310.1 EMERGENCY ESCAPE AND RESCUE REQUIRED. EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE OPERABLE EMERGENCY ESCAPE AND RESCUE WINDOW OR EXTERIOR DOOR OPENING FOR EMERGENCY ESCAPE AND RESCUE. WHERE OPENINGS ARE PROVIDED AS A MEANS OF ESCAPE AND RESCUE THEY SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE THE FLOOR.  
 R310.1.1 ALL EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOMS MUST HAVE A NET CLEAR OPENING OF 5.7 SQUARE FEET.  
 R310.1.2 THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES. THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES. Stairs MIN 36" RAILING MIN STAIRS TREAD DEPTH IS 10" AND RISER HEIGHT IS 7 3/4".  
 R301.2.1.2 INTERNAL PRESSURE. WINDOWS IN BUILDINGS LOCATED IN WINDBORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM WINDBORNE DEBRIS OR THE BUILDING SHALL BE DESIGNED AS A PARTIALLY ENCLOSED BUILDING IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. GLAZED OPENING PROTECTION FOR WINDBORNE DEBRIS SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST OF A5TM E 199G AND ASTM E 188G REFERENCE THEREIN



② LEVEL 02 - PROPOSED  
1/8" = 1'-0"



① LEVEL 01 - PROPOSED  
1/8" = 1'-0"



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 LICENSE NUMBER 41109

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No.	Description	Date

1620 DUMAINE ST

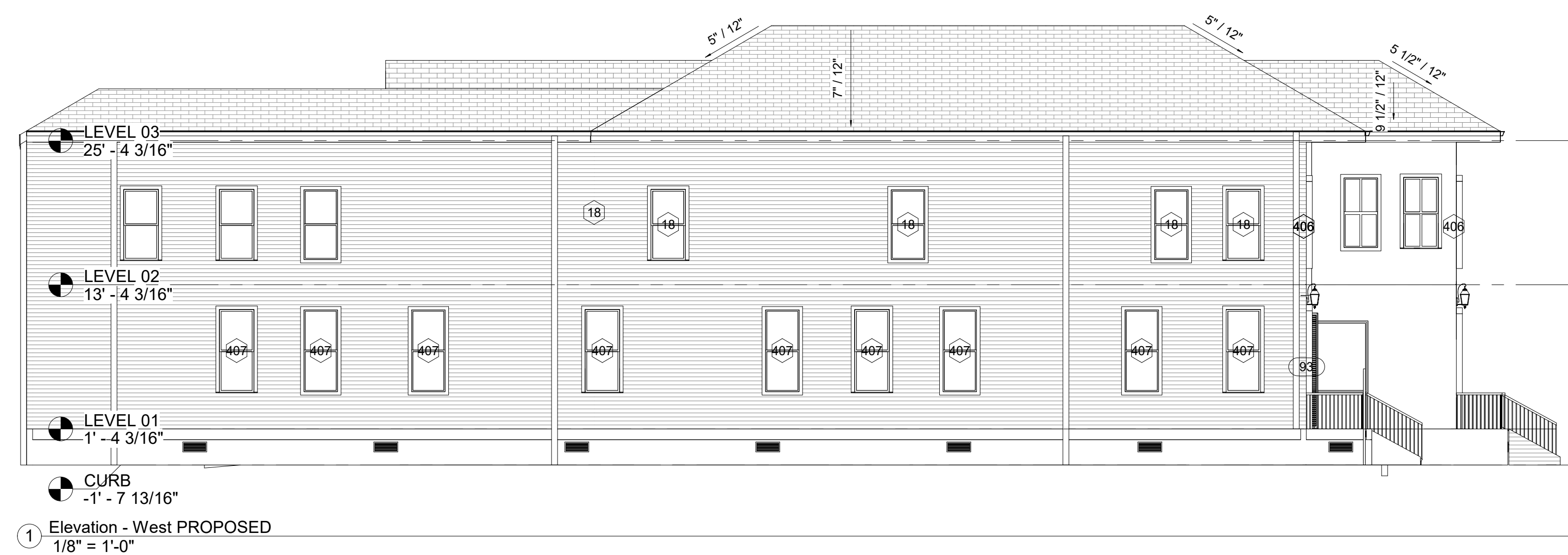
**PROPOSED FLOOR PLAN**

Project number: LEO - 208  
 Date: 06/05/2022  
 Drawn by: MAGED ALGHARABLY  
 Checked by: MAGED ALGHARABLY

**A103**

Scale: As indicated

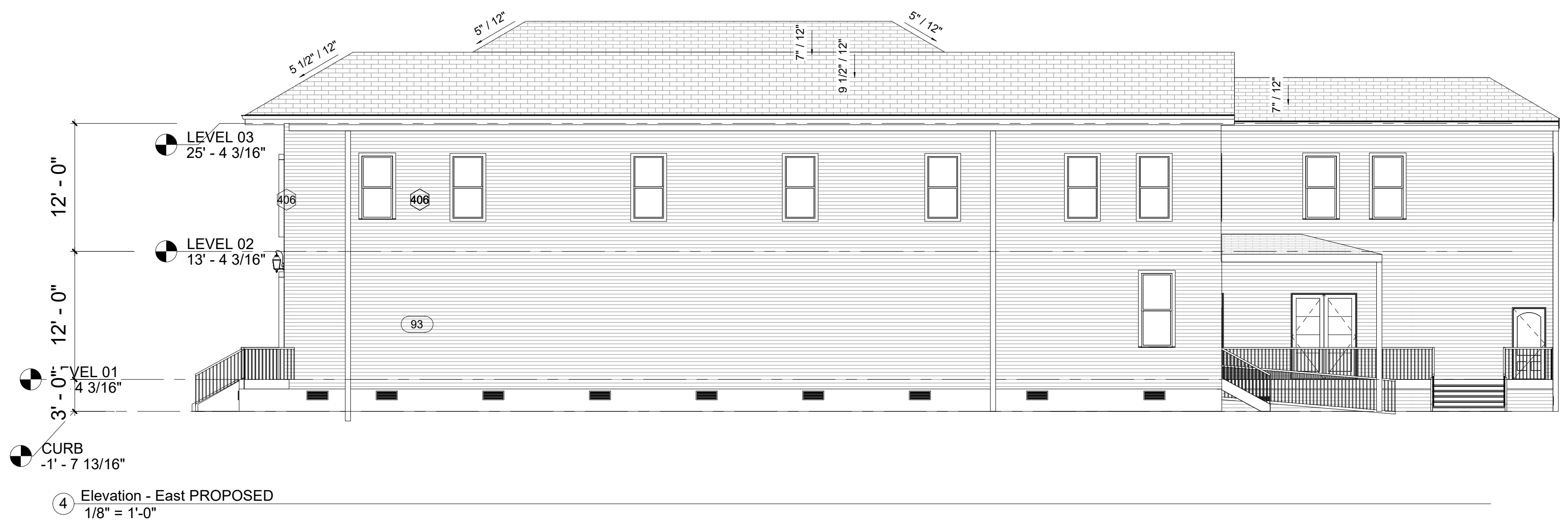
7/8/2022 9:09:20 AM



① Elevation - West PROPOSED  
1/8" = 1'-0"



② Elevation - South PROPOSED  
1/8" = 1'-0"



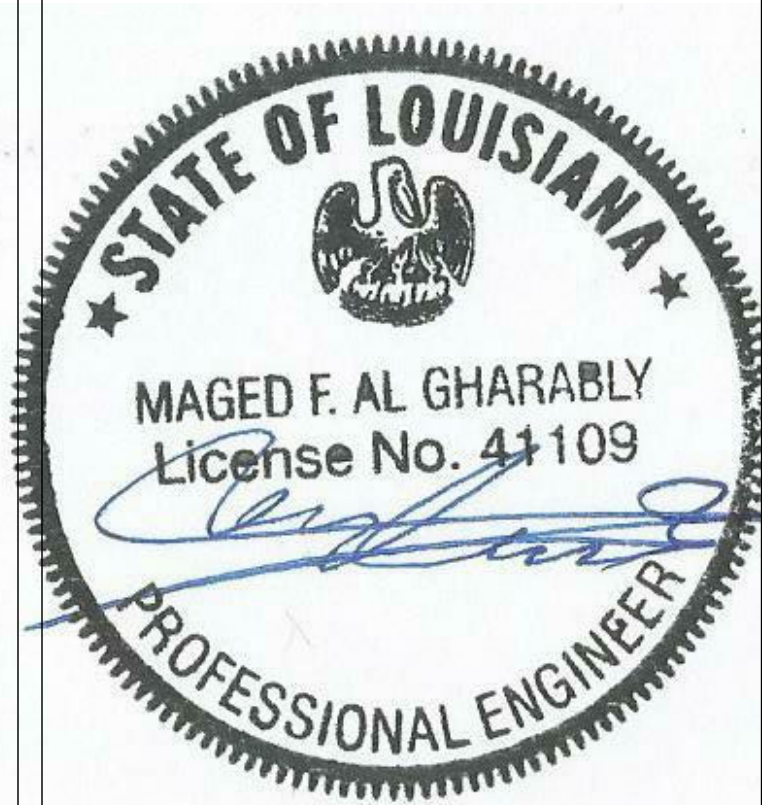
④ Elevation - East PROPOSED  
1/8" = 1'-0"



③ Elevation - North PROPOSED  
1/8" = 1'-0"

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No.	Description	Date

**1620 DUMAINE ST  
ELEVATIONS**

Project number	LEO - 208
Date	06/05/2022
Drawn by	MAGED ALGHARABLY
Checked by	MAGED ALGHARABLY
<b>A106</b>	
Scale	1/8" = 1'-0"



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LICENSE NUMBER 41109

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No.	Description	Date

**1620 DUMAINE ST**  
**HDLC VIEW**

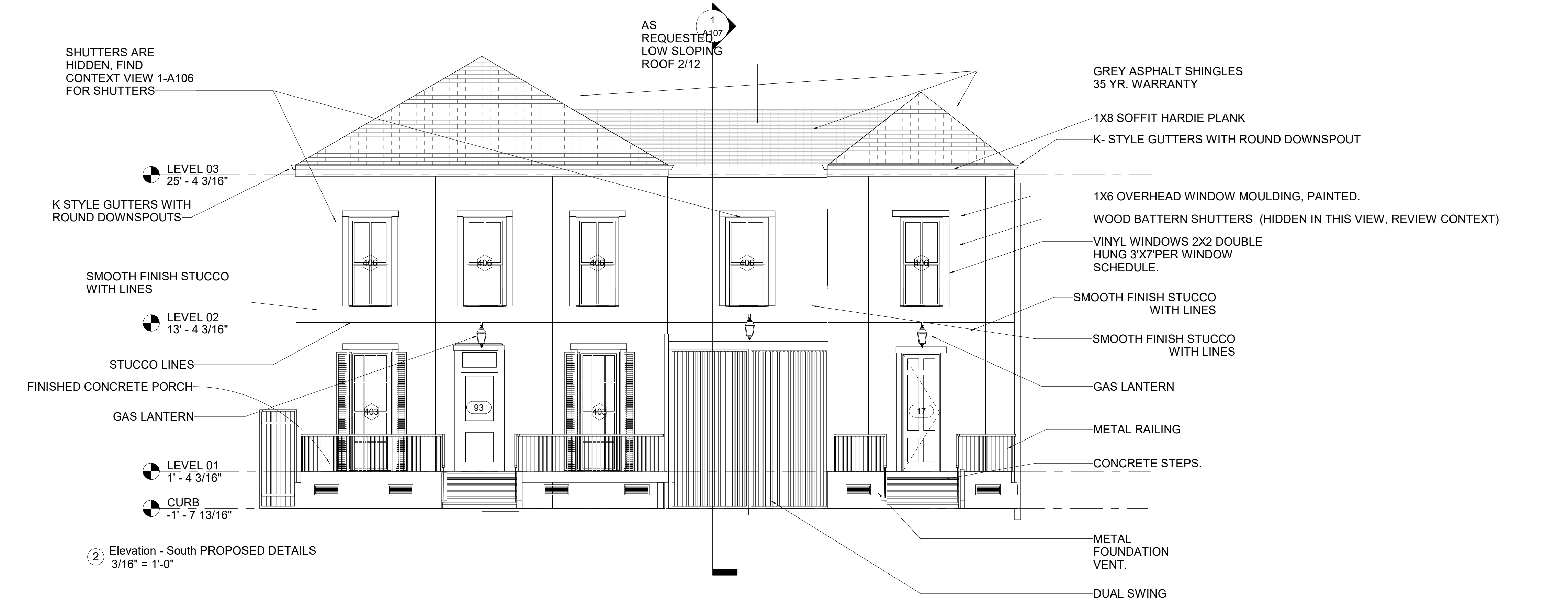
Project number                  LEO - 208  
Date                                      06/05/2022  
Drawn by                              MAGED ALGHARABLY  
Checked by                            MAGED ALGHARABLY

**A106-1**

Scale                                      As indicated



1 CONTEXT VIEW  
1/8" = 1'-0"



SHUTTERS ARE HIDDEN, FIND CONTEXT VIEW 1-A106 FOR SHUTTERS

LEVEL 03  
25' - 4 3/16"

K STYLE GUTTERS WITH ROUND DOWNPOUTS

SMOOTH FINISH STUCCO WITH LINES

LEVEL 02  
13' - 4 3/16"

STUCCO LINES

FINISHED CONCRETE PORCH

GAS LANTERN

LEVEL 01  
1' - 4 3/16"

CURB  
-1' - 7 13/16"

2 Elevation - South PROPOSED DETAILS  
3/16" = 1'-0"

AS REQUESTED LOW SLOPING ROOF 2/12

GREY ASPHALT SHINGLES  
35 YR. WARRANTY

1X8 SOFFIT HARDIE PLANK  
K-STYLE GUTTERS WITH ROUND DOWNPOUT

1X6 OVERHEAD WINDOW MOULDING, PAINTED.  
WOOD BATTERN SHUTTERS (HIDDEN IN THIS VIEW, REVIEW CONTEXT)

VINYL WINDOWS 2X2 DOUBLE HUNG 3'X7' PER WINDOW SCHEDULE.

SMOOTH FINISH STUCCO WITH LINES

SMOOTH FINISH STUCCO WITH LINES

GAS LANTERN

METAL RAILING

CONCRETE STEPS.

METAL FOUNDATION VENT.

DUAL SWING IRON GATE CARRIAGE WAY GATE