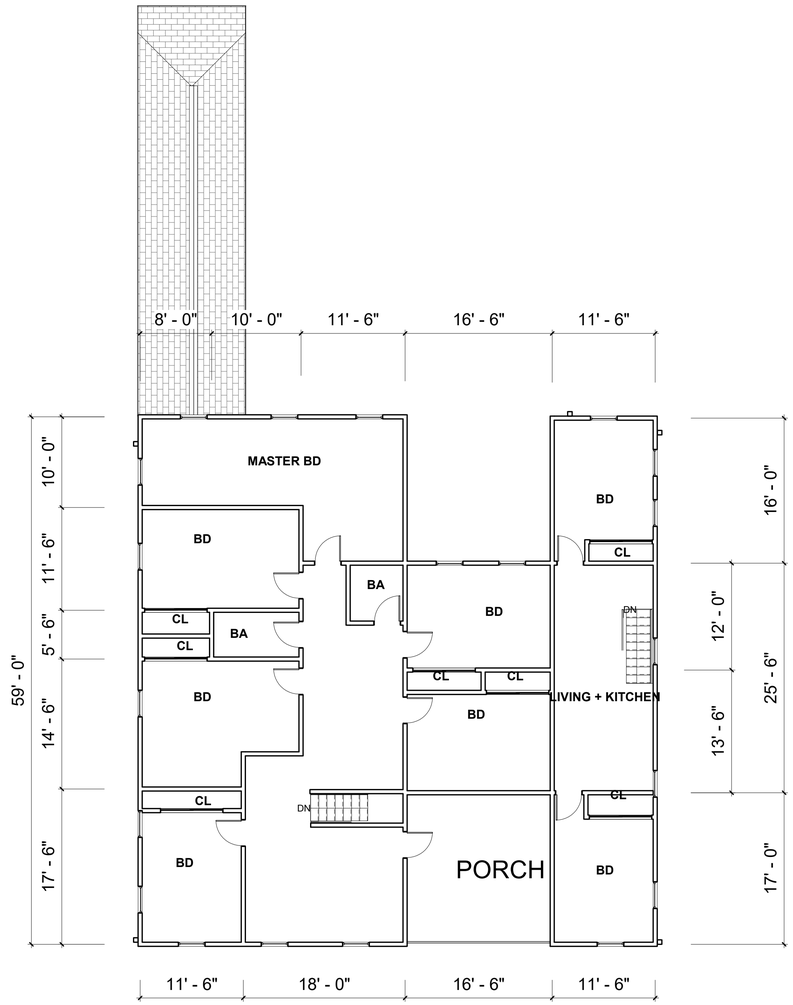
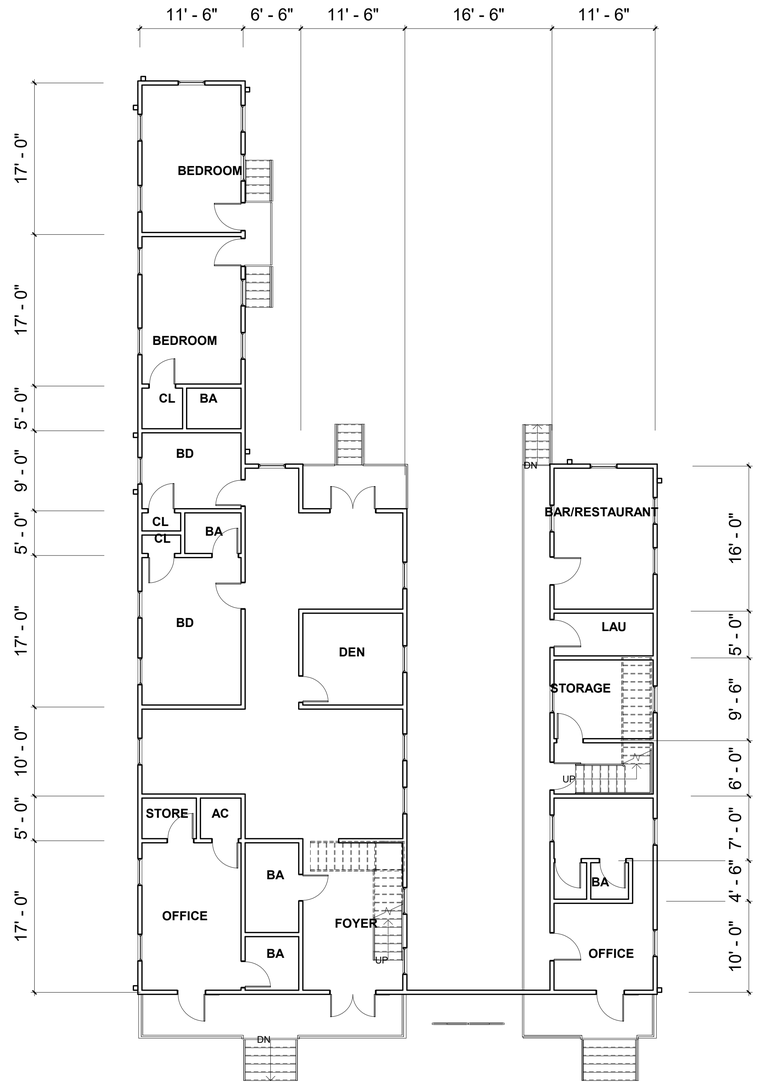


1 LEVEL 02 - PROPOSED MARKING
1/8" = 1'-0"



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

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No.	Description	Date

1620 DUMAINE ST

FLOOR PLAN

Project number	LEO - 208
Date	03/29/2022
Drawn by	MAGED ALGHARABLY
Checked by	MAGED ALGHARABLY

A101

Scale 1/8" = 1'-0"

5/11/2022 11:32:47 AM

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

___ S.F. / 150 = ____ S.F X 144 = ____ SQ. INCHES OF FREE TOTAL VENTILATION AREA REQUIRED.

___ S.I. PROPOSED

VENT# ___ x AMT. ___
VENT# ___ x AMT. ___
VENT# ___ x AMT. ___
VENT# ___ x AMT. ___

ROOF AREA 2

___ S.F. / 150 = ____ S.F X 144 = ____ SQ. INCHES OF FREE TOTAL VENTILATION AREA REQUIRED.

___ S.I. PROPOSED

VENT# ___ x AMT. ___
VENT# ___ x AMT. ___
VENT# ___ x AMT. ___
VENT# ___ x AMT. ___

NOTES:

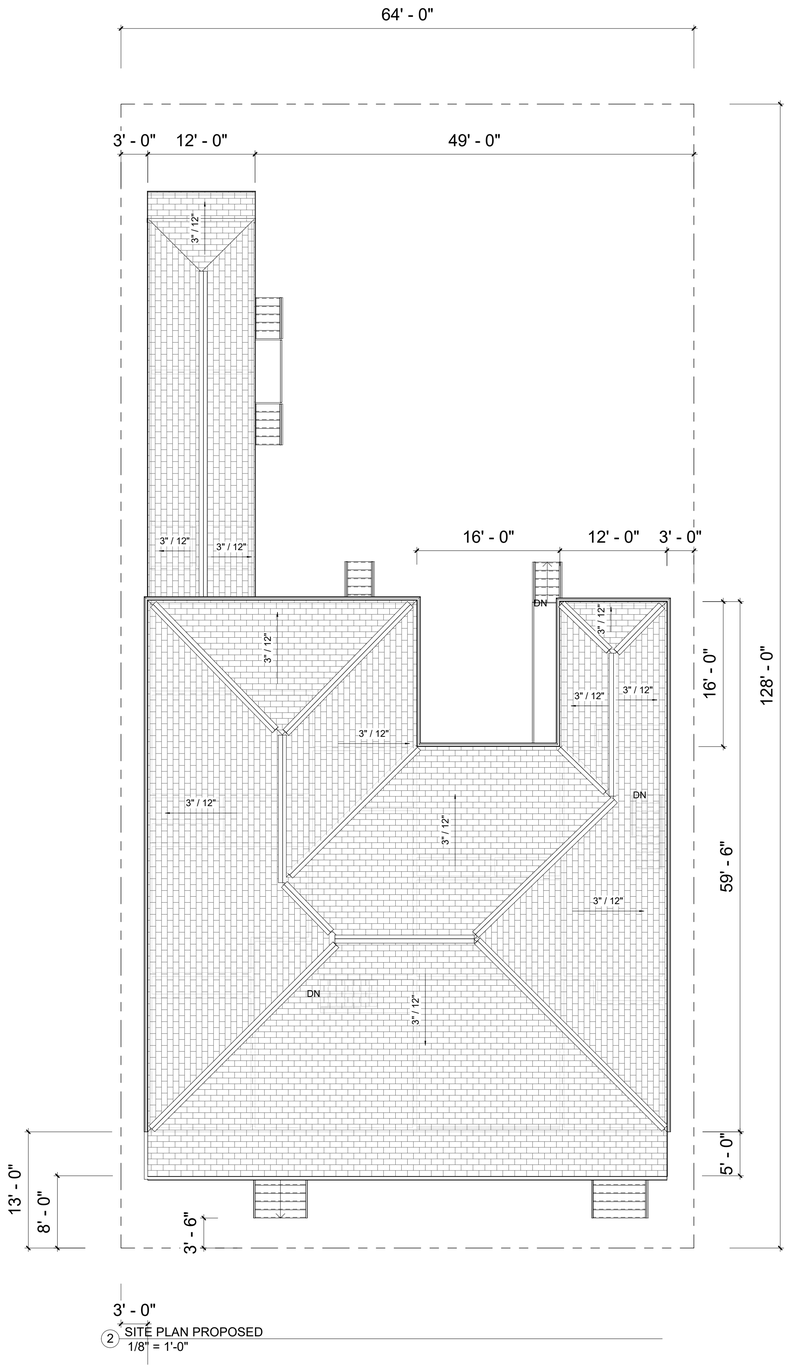
- GENERAL CONTRACTOR SHALL VERIFY THE NET FREE VENTILATION OF THE VENT PRODUCT SELECTED AGAINST THOSE NOTED ABOVE. THE REQUIRED VENTILATION SHALL BE MAINTAINED. PROVIDE INSULATION STOP SUCH THAT INSULATION DOES NOT OBSTRUCT FREE AIR MOVEMENT AS REQUIRED BY THE BUILDING OFFICIAL.
- ATTIC, OVERHANGS AND 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. 1505.3.
- ALL VENTS MUST BE LOUVERED AND COVERED WITH 1/4" NON-COMBUSTABLE, CORROSIVE-RESISTANT METAL MESH. TURBINE VENTS SHALL TURN IN ONE DIRECTION ONLY.

A1	A2	A3	A4
"DRAGON'S TILE CONCEALED ROOF VENT"	"DRAGON'S TILE CONCEALED ROOF VENT"	"DRAGON'S TILE CONCEALED ROOF VENT"	"DRAGON'S TILE CONCEALED ROOF VENT"
FLAT STYLES 98.75 S.I.	"M" STYLES 86.25 S.I.	"M" STYLES 86.25 S.I.	"S" STYLES 97.50 S.I.

A5	B	C	D
"DRAGON'S COMB" CONCEALED ROOF VENT			
COMPOSITION SLATE & SHAKE ROOF 72.99 S.I.	DORMER VENT 24" w = 120 S.I.	GABLE VENT 14 x 24 = 168 S.I.	GABLE VENT 14 x 18 = 168 S.I.

E	F	G	H
GABLE VENT 14 x 12 = 84 S.I.	GABLE VENT 14 x 24 = 168 S.I.	GABLE VENT 24" w = 96 S.I.	GABLE VENT 18" w = 53 S.I.

I	J	K
GABLE VENT 24"Ø = 214 S.I.	GABLE VENT 18"Ø = 120 S.I.	LOUVERED EAVE VENT 22 x 3 = 28 S.I. #VRV037-G



3' - 0"

2 SITE PLAN PROPOSED
1/8" = 1'-0"

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No.	Description	Date

1620 DUMAINE ST

SITE PLAN &3D

Project number	LEO - 208
Date	03/29/2022
Drawn by	MAGED ALGHARABLY
Checked by	Checker

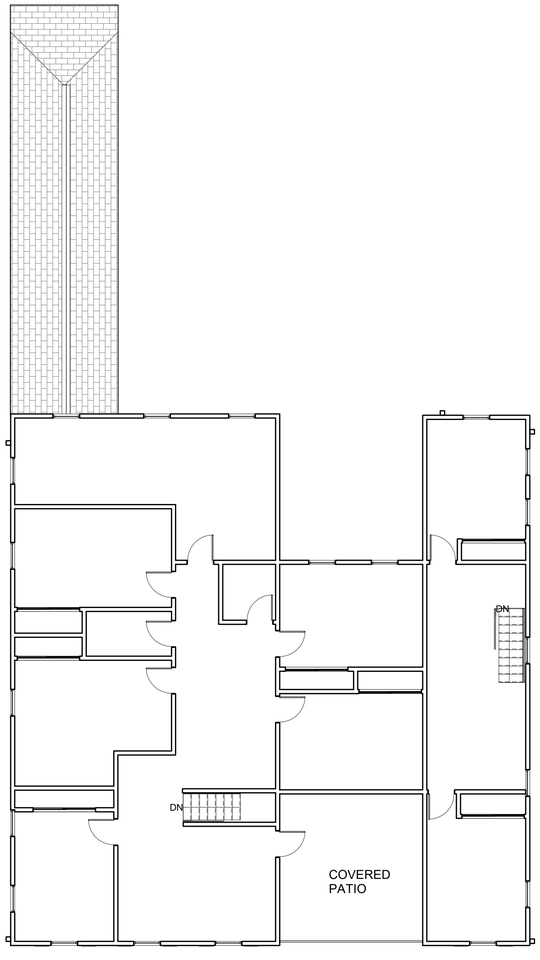
A102

Scale: As indicated

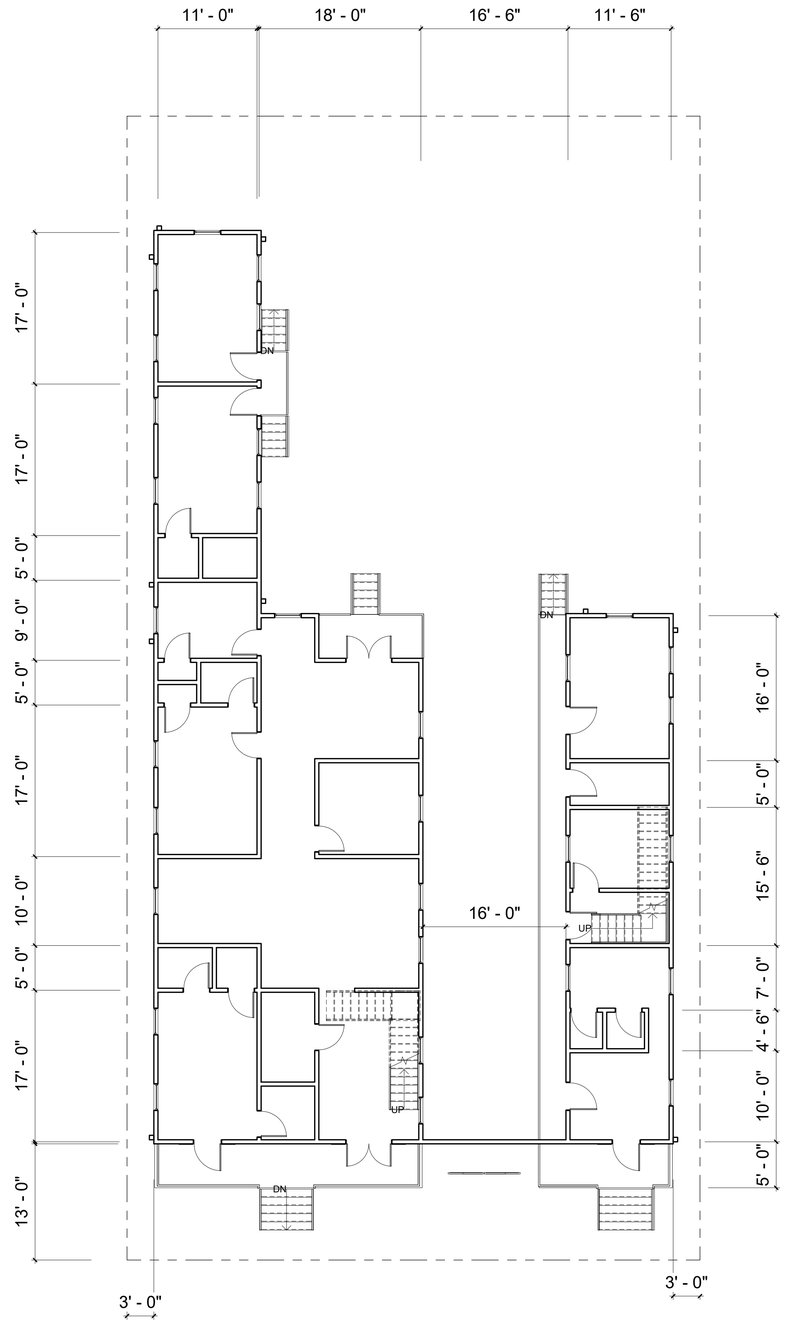
5/11/2022 11:32:48 AM

GENERAL NOTES:

- NO FUEL FIRE APPLICANCES 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 15 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.
- R3 I 0.1 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.
- R3 I 0.1.1 ALL EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOMS MUST HAVE A NET CLEAR OPENING OF 5.7 SQUARE FEET.
- R3 I 0.1.2 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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No.	Description	Date

1620 DUMAINE ST

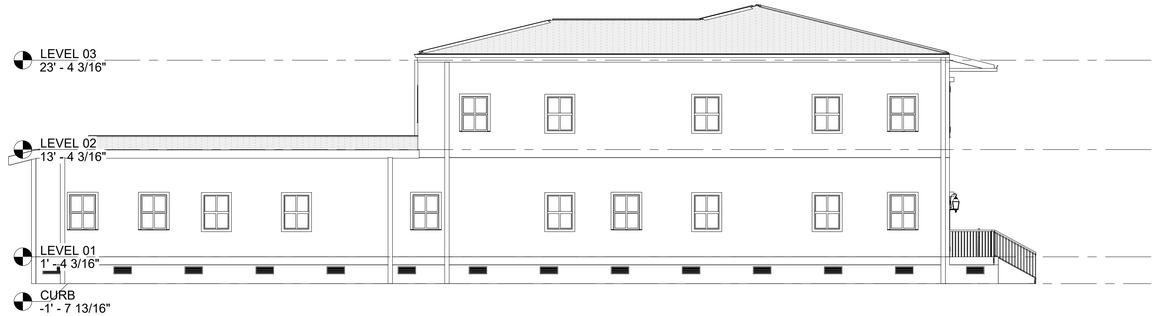
PROPOSED FLOOR PLAN

Project number	LEO - 208
Date	03/29/2022
Drawn by	MAGED ALGHARABLY
Checked by	MAGED ALGHARABLY

A103

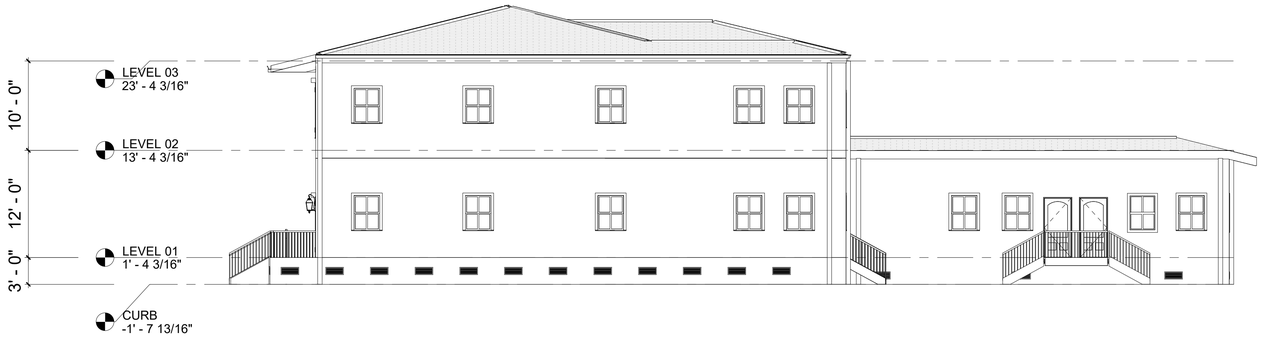
Scale: As indicated

5/11/2022 11:32:49 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	03/29/2022
Drawn by	MAGED ALGHARABLY
Checked by	MAGED ALGHARABLY

A106

Scale	1/8" = 1'-0"

5/11/2022 11:32:52 AM

1 CONTEXT VIEW
3/16" = 1'-0"

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

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No.	Description	Date

1620 DUMAINE ST

HDLC VIEW

Project number	LEO - 208
Date	03/29/2022
Drawn by	MAGED ALGHARABLY
Checked by	MAGED ALGHARABLY

A106-1

Scale	3/16" = 1'-0"

5/11/2022 11:32:53 AM