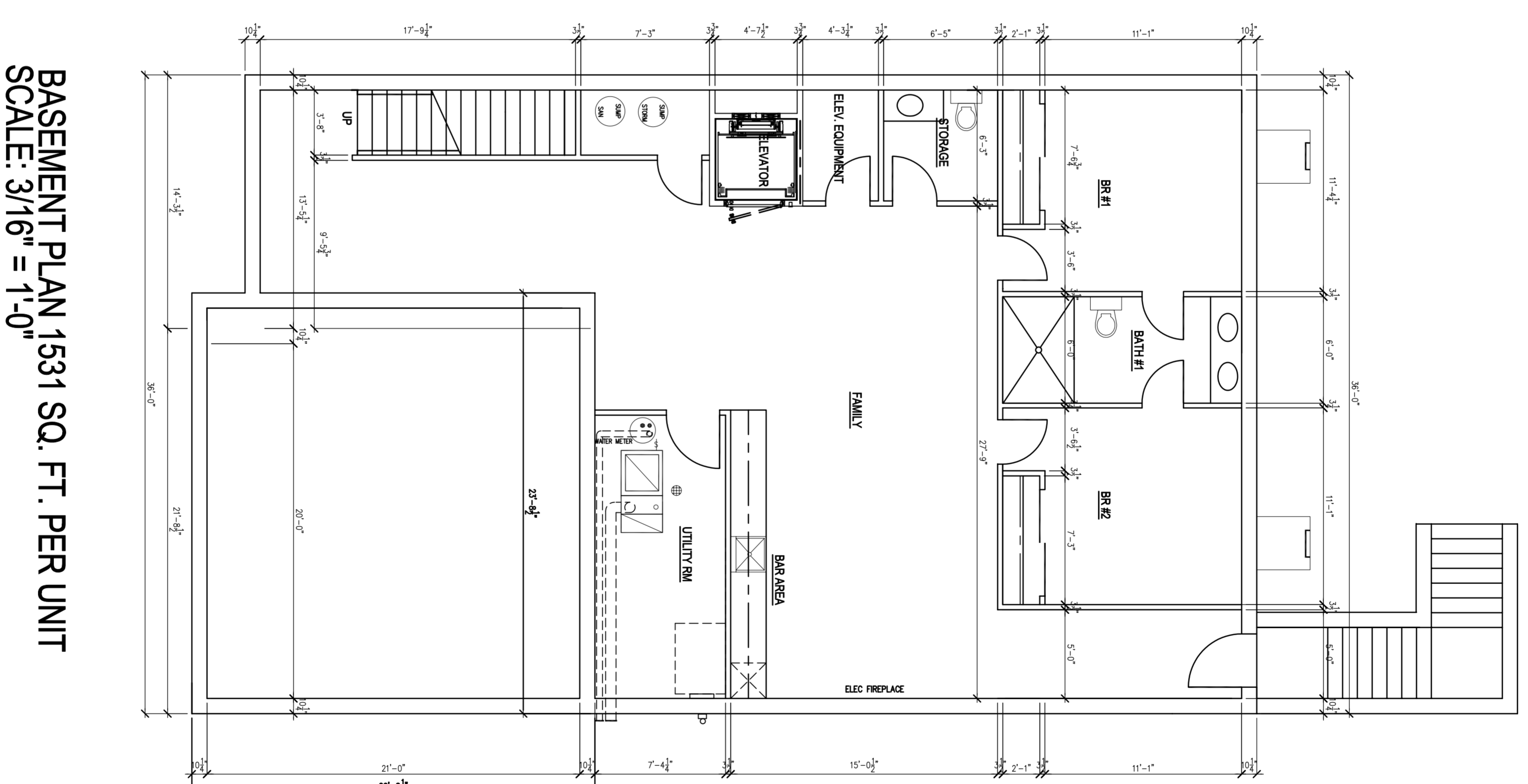
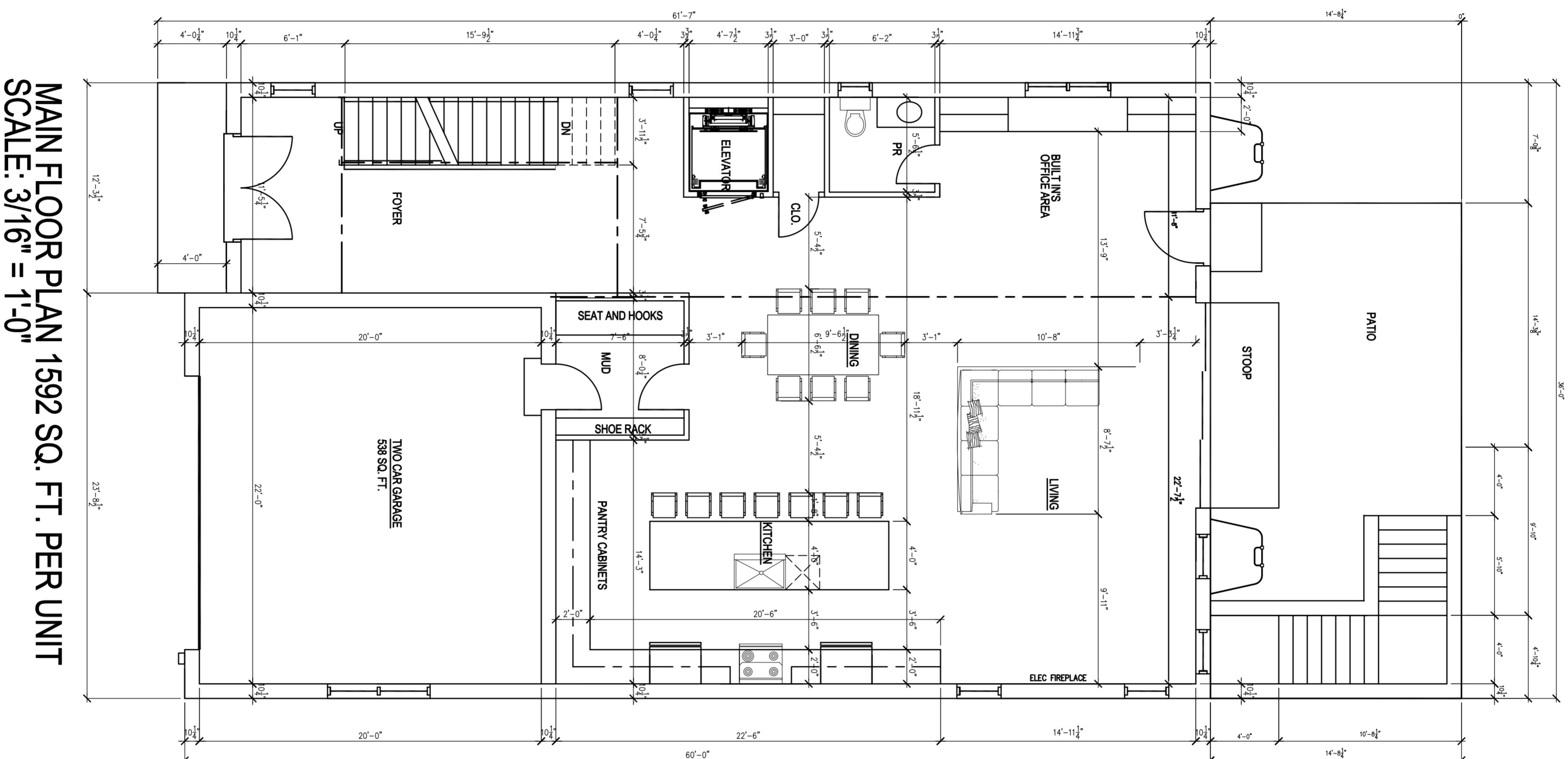


<b>The Pinnacle at Meyers</b>	<b>SQFT</b>
Rooflop	1365
Upper Floor Plan	2130
Main Floor Plan	1592
Basement Plan	1531
<b>Total Liveable Sq. Ft.</b>	<b>6618</b>
Two Car Garage	538
Rooflop Open Deck Area Rear	353
Rooflop Covered Deck Area Rear	200
Rooflop Covered Deck Area Front	125



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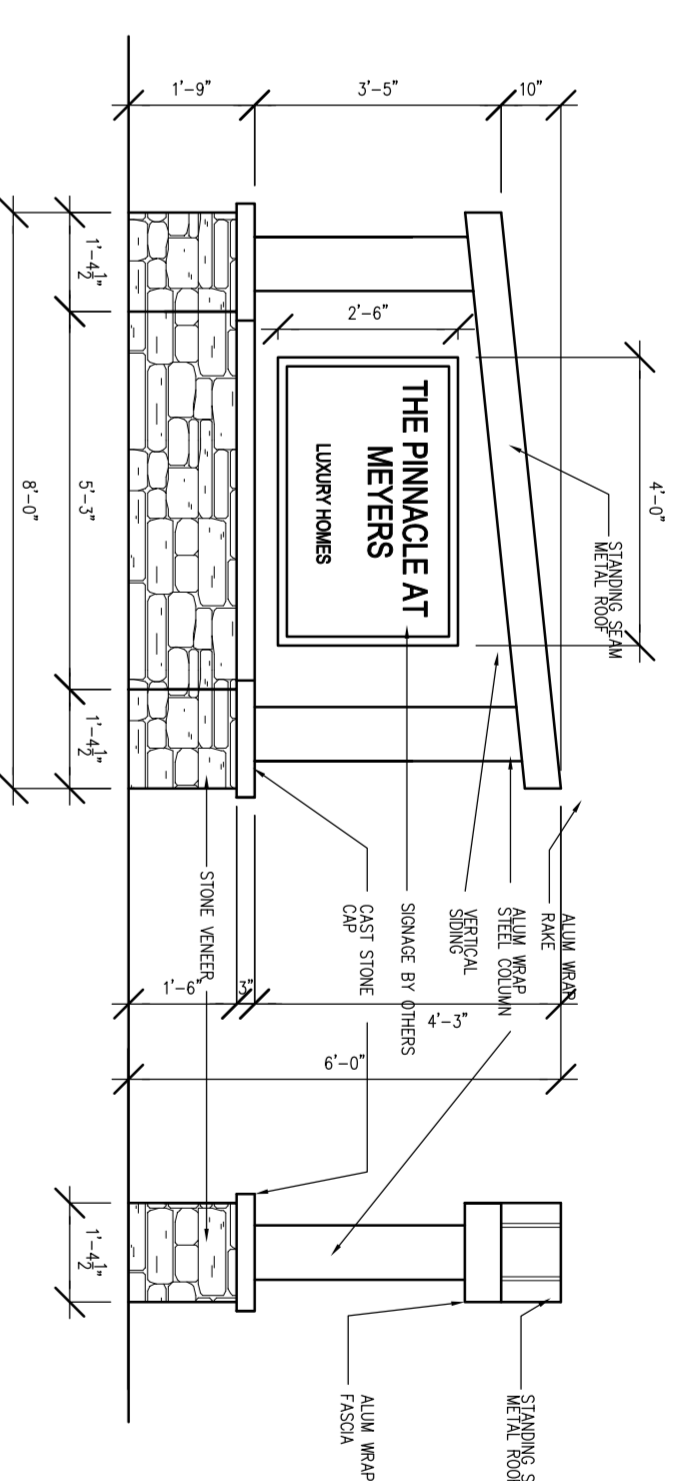
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NEW SINGLE FAMILY HOMES  
**AFSAR**  
**DEVELOPERS**  
LLC.  
LOMBARD, IL  
DUPAGE COUNTY

ISSUE	DATE

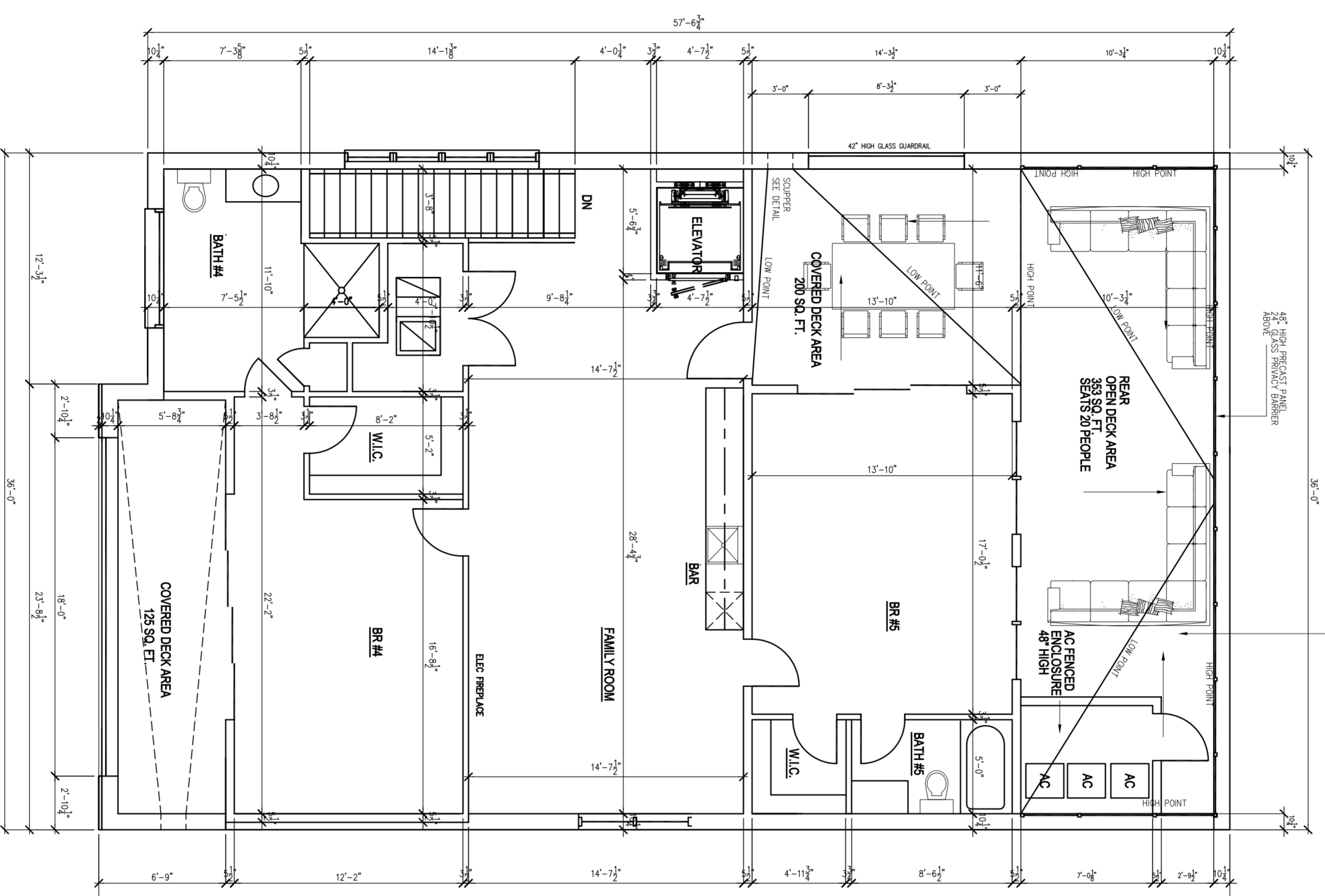
SHEET TITLE  
BASEMENT PLAN  
MAIN FLOOR PLAN

SHEET NUMBER  
**A-2**  
OF

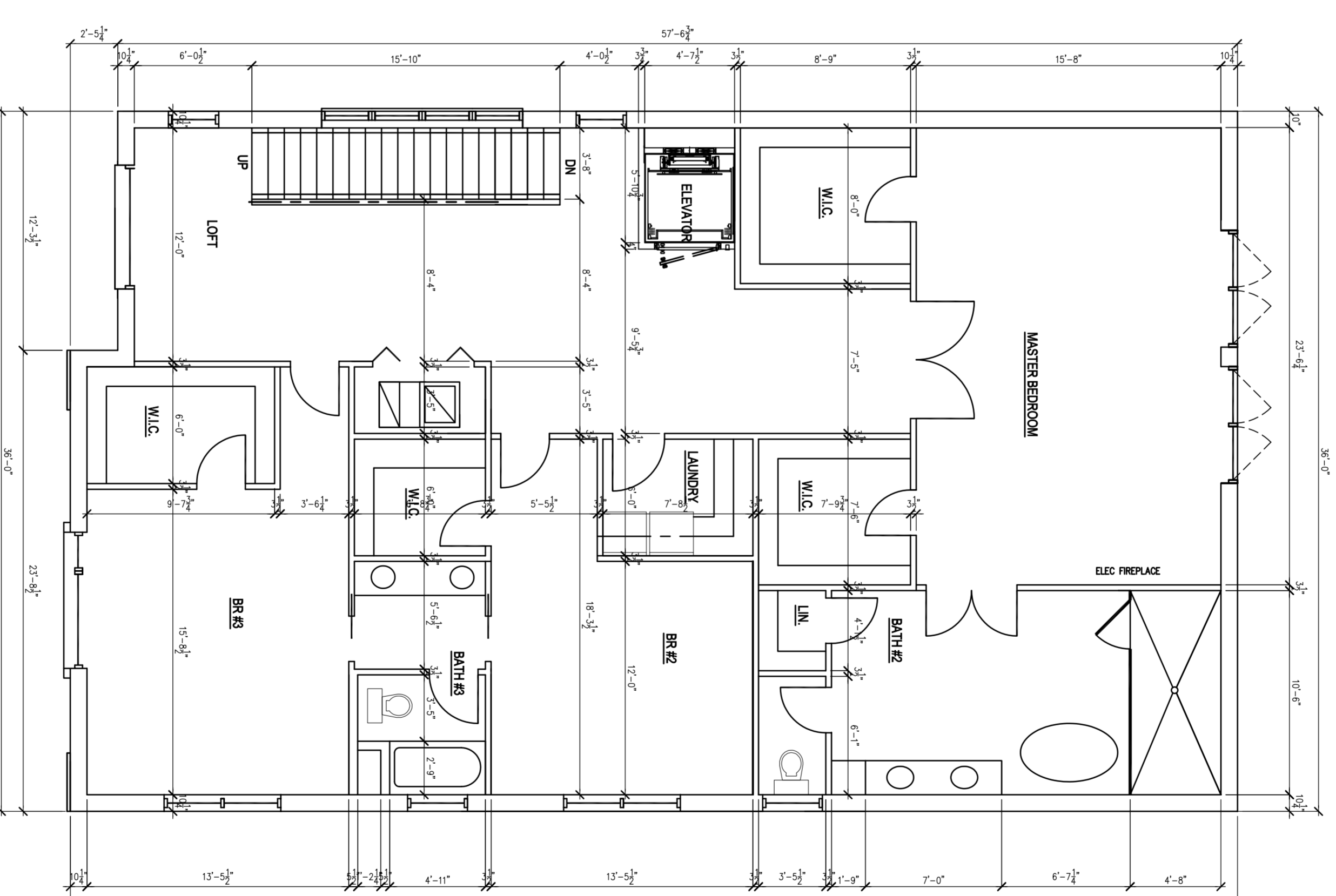


**SIGNAGE**

REAR OPEN DECK AREA 50 SQ. FT. PER PERSON  
AC FENCED ENCLOSURE 40 HIGH  
AC FENCED ENCLOSURE 40 HIGH  
AC FENCED ENCLOSURE 40 HIGH  
AC FENCED ENCLOSURE 40 HIGH  
AC FENCED ENCLOSURE 40 HIGH



**ROOF TOP FLOOR PLAN 1365 SQ. FT. PER UNIT  
SCALE: 3/16" = 1'-0"**



**UPPER FLOOR PLAN 2130 SQ. FT. PER UNIT  
SCALE: 3/16" = 1'-0"**

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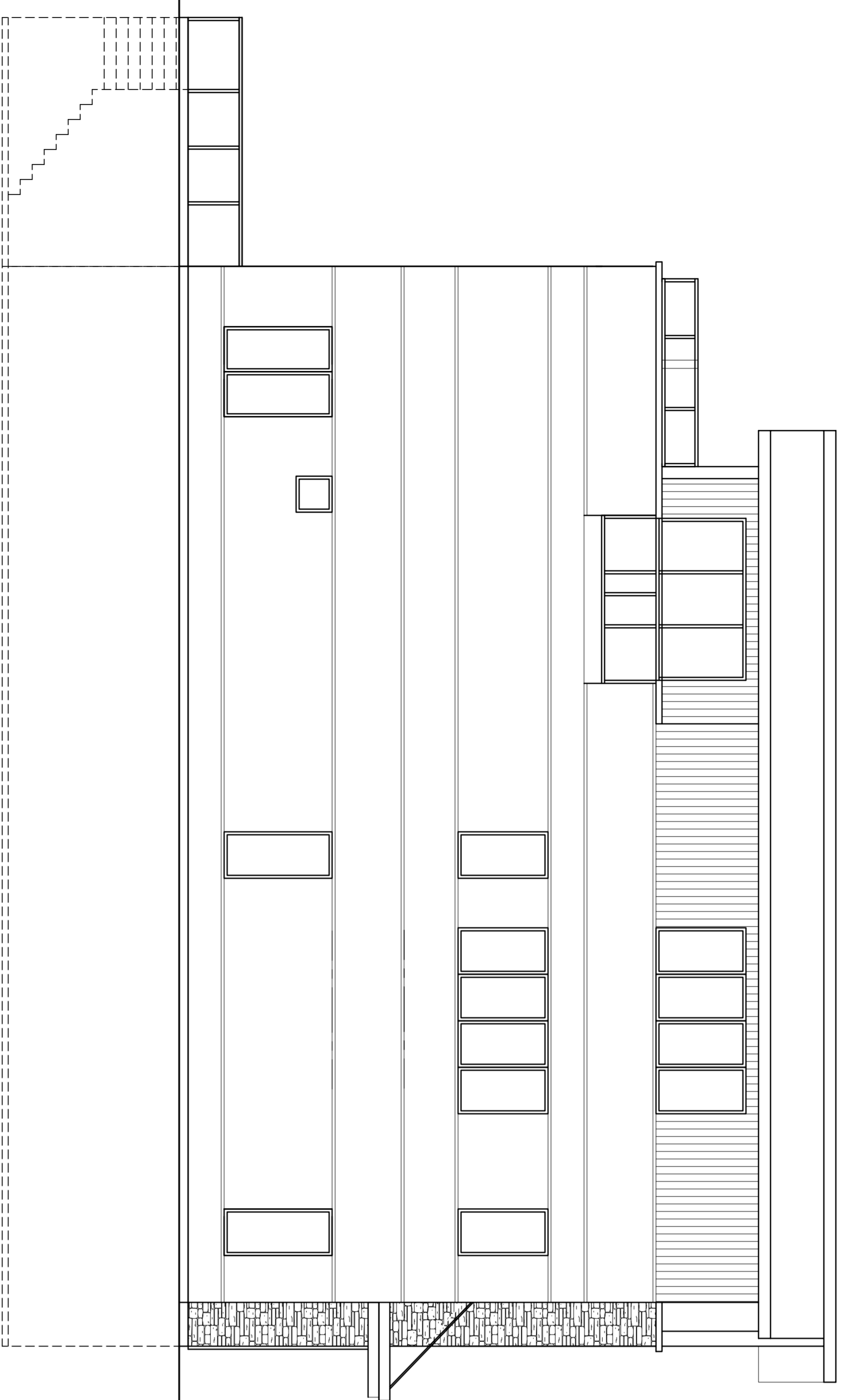
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**DEVELOPERS**  
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LOMBARD, IL.  
DUPAGE COUNTY

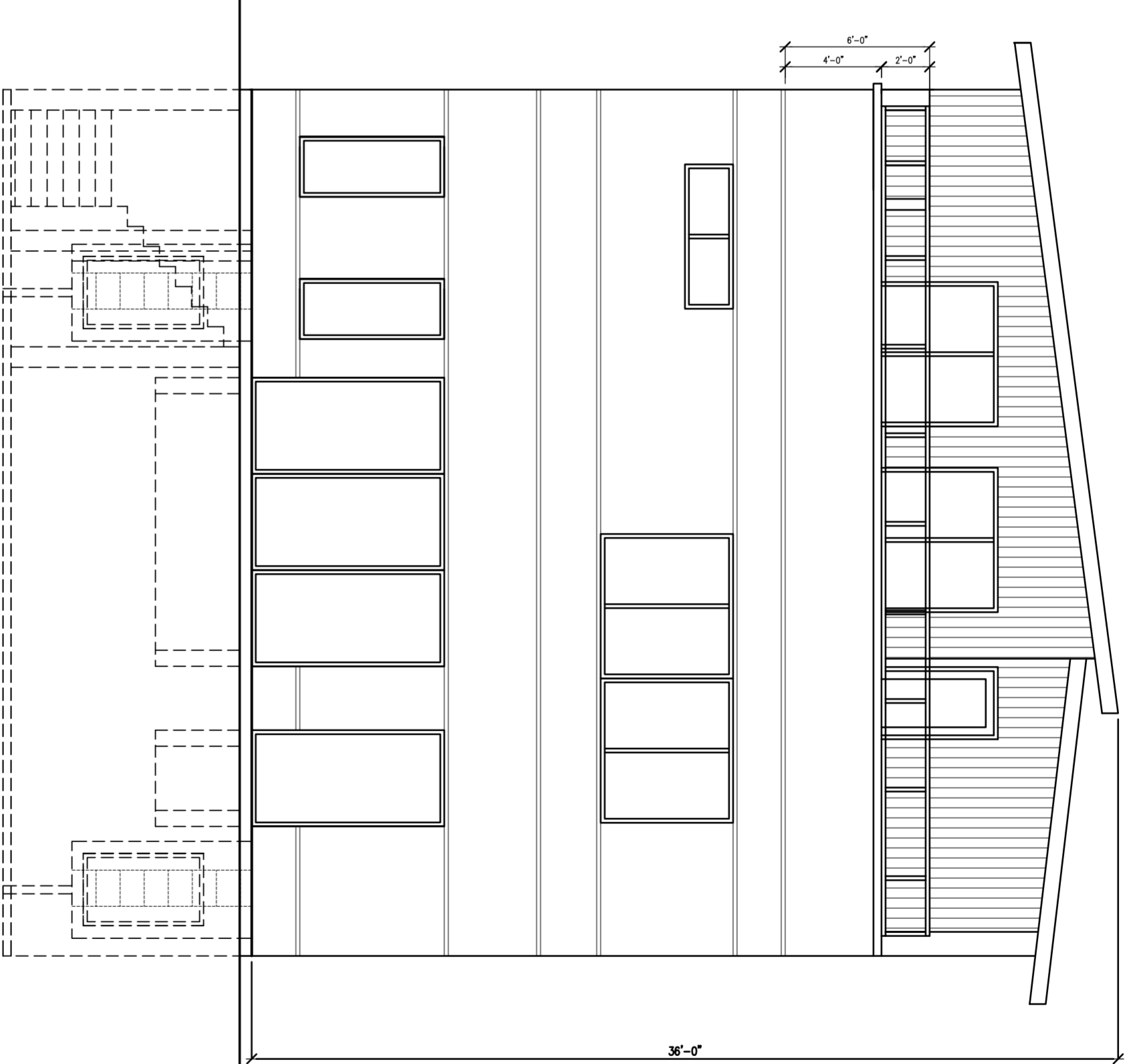
ISSUE	DATE

SHEET TITLE  
**UPPER FLOOR PLAN**  
**ROOF TOP FLOOR PLAN**

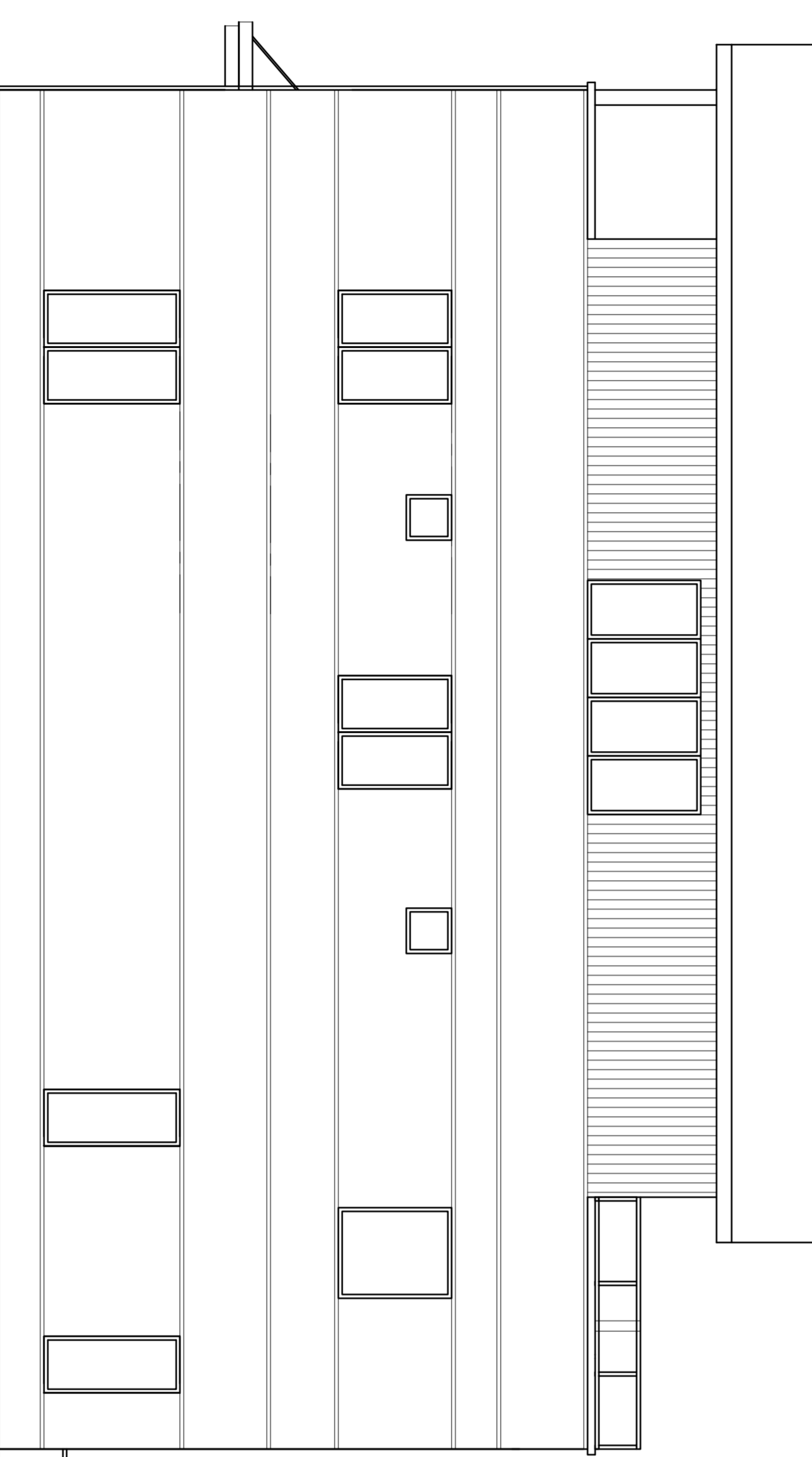
SHEET NUMBER  
**A-3**  
OF



LEFT ELEVATION 36'-0" WIDE OPTION A  
SCALE: 1/4" = 1'-0"



REAR ELEVATION 36'-0" WIDE OPTION A  
SCALE: 1/4" = 1'-0"



RIGHT ELEVATION 36'-0" WIDE OPTION A  
SCALE: 1/4" = 1'-0"



FRONT ELEVATION 36'-0" WIDE OPTION A  
SCALE: 1/4" = 1'-0"

MAIN FLOOR HEIGHT	10'-0"
ROOF DECK	4'-0"
CORNER HEIGHT	10'-0"
WINDOW HEIGHT	8'-0"
UPPER FLOOR LINE	9'-0"
MAIN FLOOR CEILING HEIGHT	10'-0"
SUPERIOR WALL PARAPET PANEL HGT.	12'-0"
MAIN FLOOR LINE	11'-0"
WINDOW HEIGHT	8'-0"
UPPER FLOOR LINE	22'-6"
MAIN FLOOR CEILING HEIGHT	10'-0"
SUPERIOR WALL PARAPET PANEL HGT.	9'-0"
MAIN FLOOR LINE	9'-0"
UPPER FLOOR LINE	17'-0"
WINDOW HEIGHT	9'-0"
MAIN FLOOR CEILING HEIGHT	10'-0"
SUPERIOR WALL PARAPET PANEL HGT.	10'-0"

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NEW SINGLE FAMILY HOMES  
**AFSAR DEVELOPERS LLC.**  
LOMBARD, IL  
DUPAGE COUNTY

ISSUE	DATE

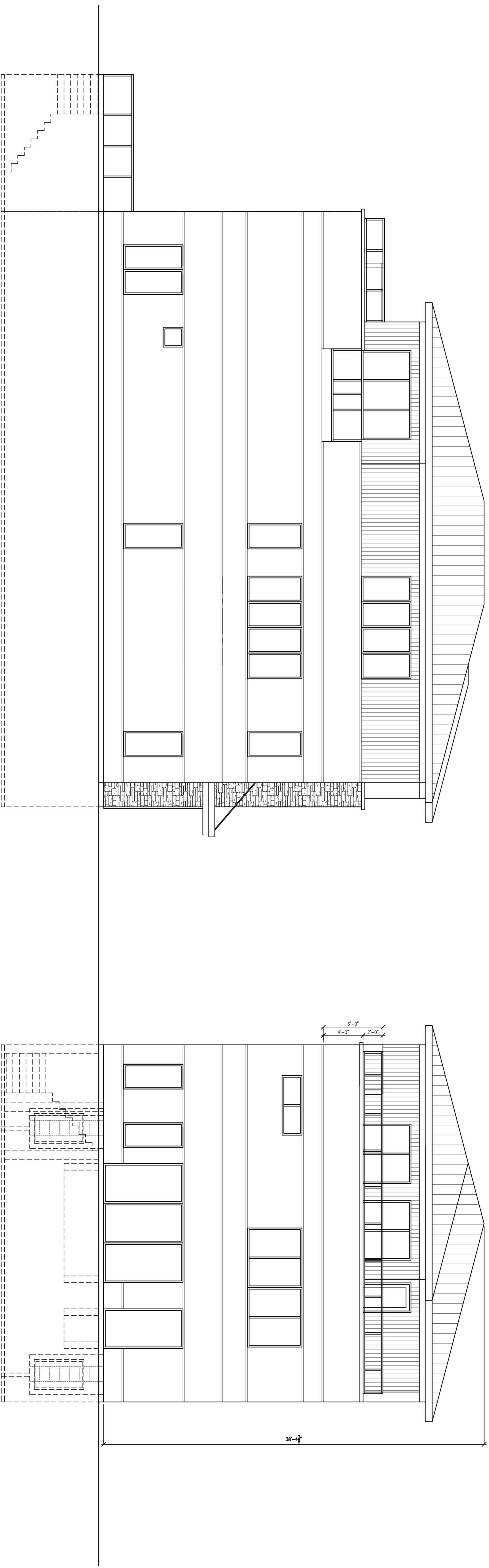
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**BUILDING ELEVATIONS  
OPTION A**

SHEET NUMBER  
**A-1-A**  
OF



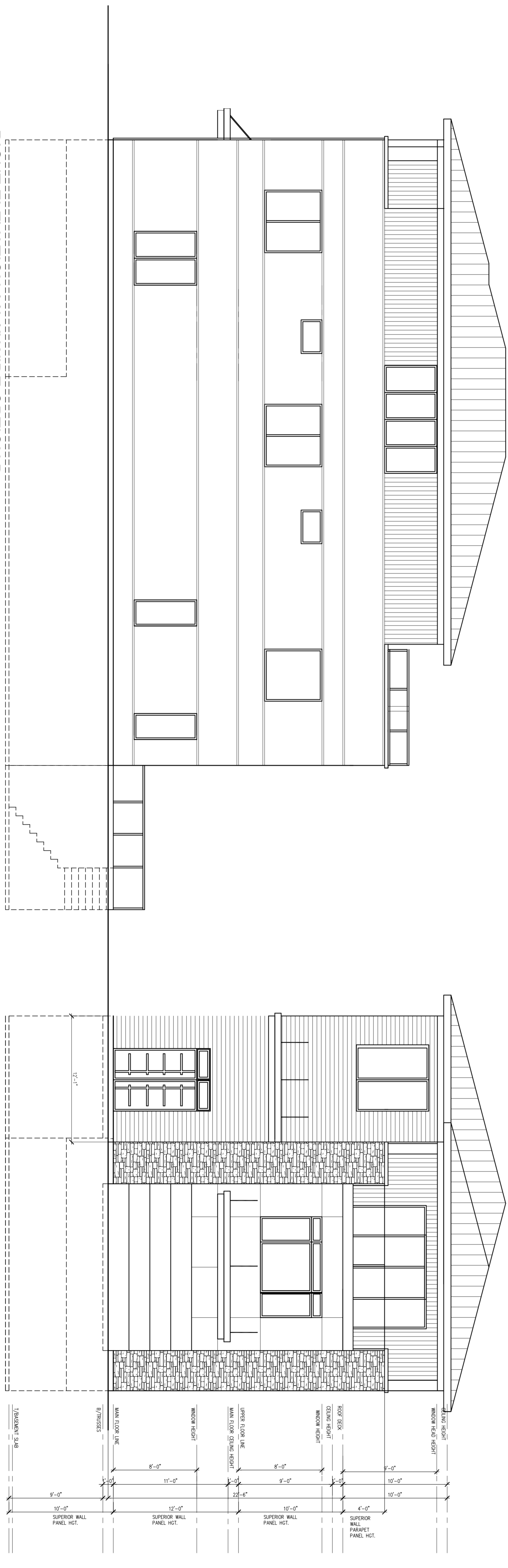






LEFT ELEVATION 36'-0" WIDE OPTION D  
SCALE: 1/4" = 1'-0"

REAR ELEVATION 36'-0" WIDE OPTION D  
SCALE: 1/4" = 1'-0"



RIGHT ELEVATION 36'-0" WIDE OPTION D  
SCALE: 1/4" = 1'-0"

FRONT ELEVATION 36'-0" WIDE OPTION D  
SCALE: 1/4" = 1'-0"

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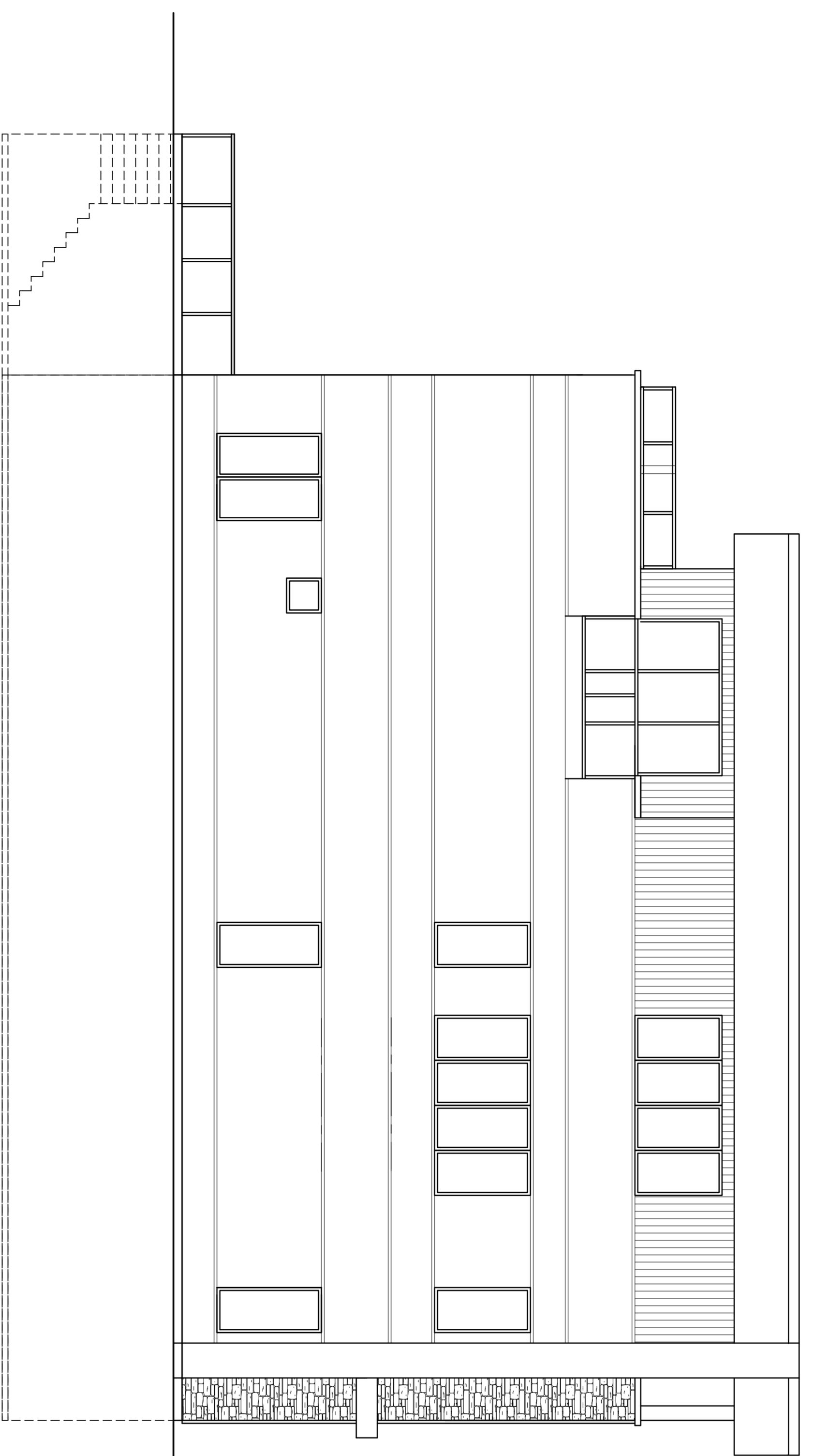
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NEW SINGLE-FAMILY HOMES  
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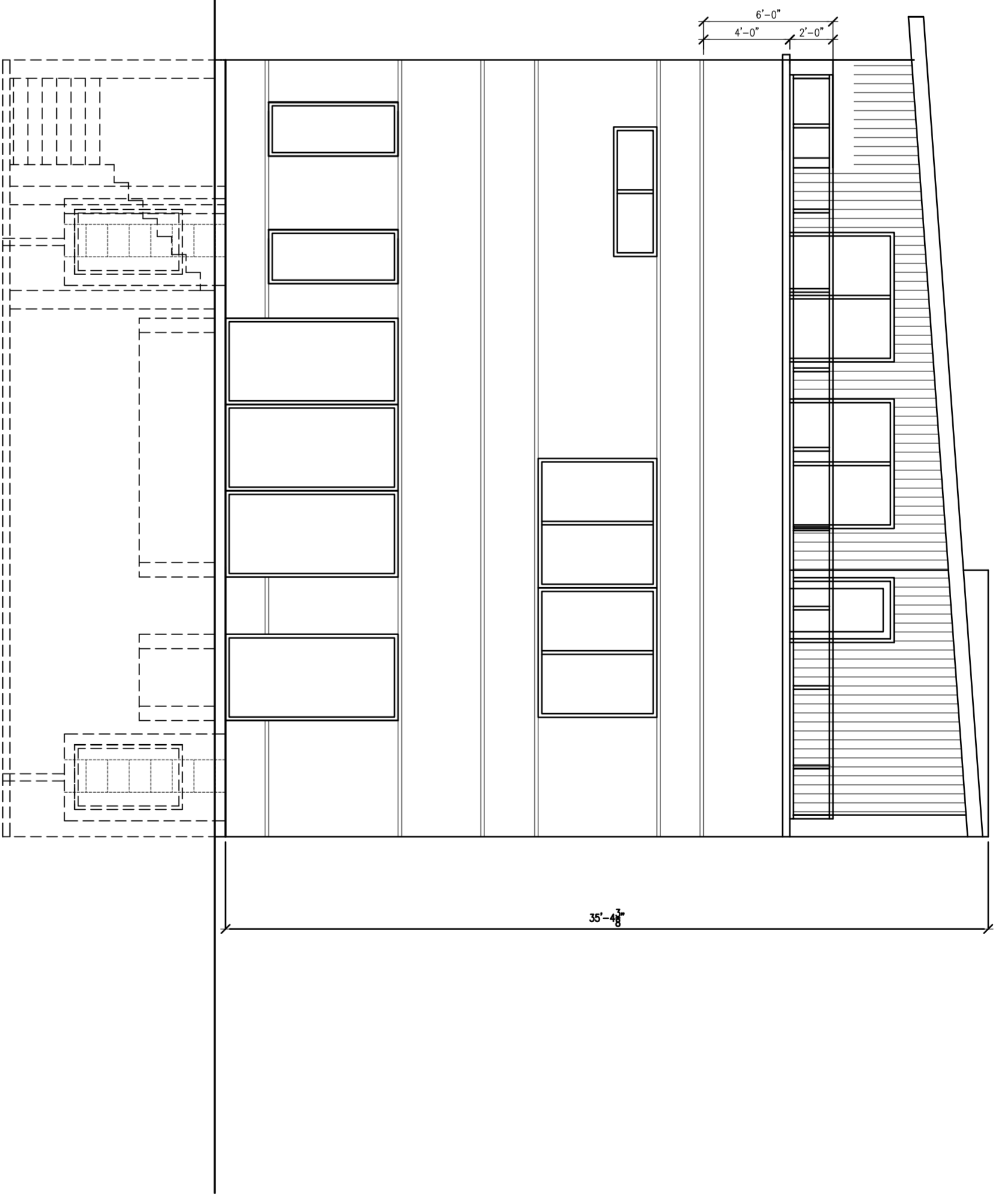
ISSUE	DATE

SHEET TITLE  
**BUILDING ELEVATIONS**  
OPTION D

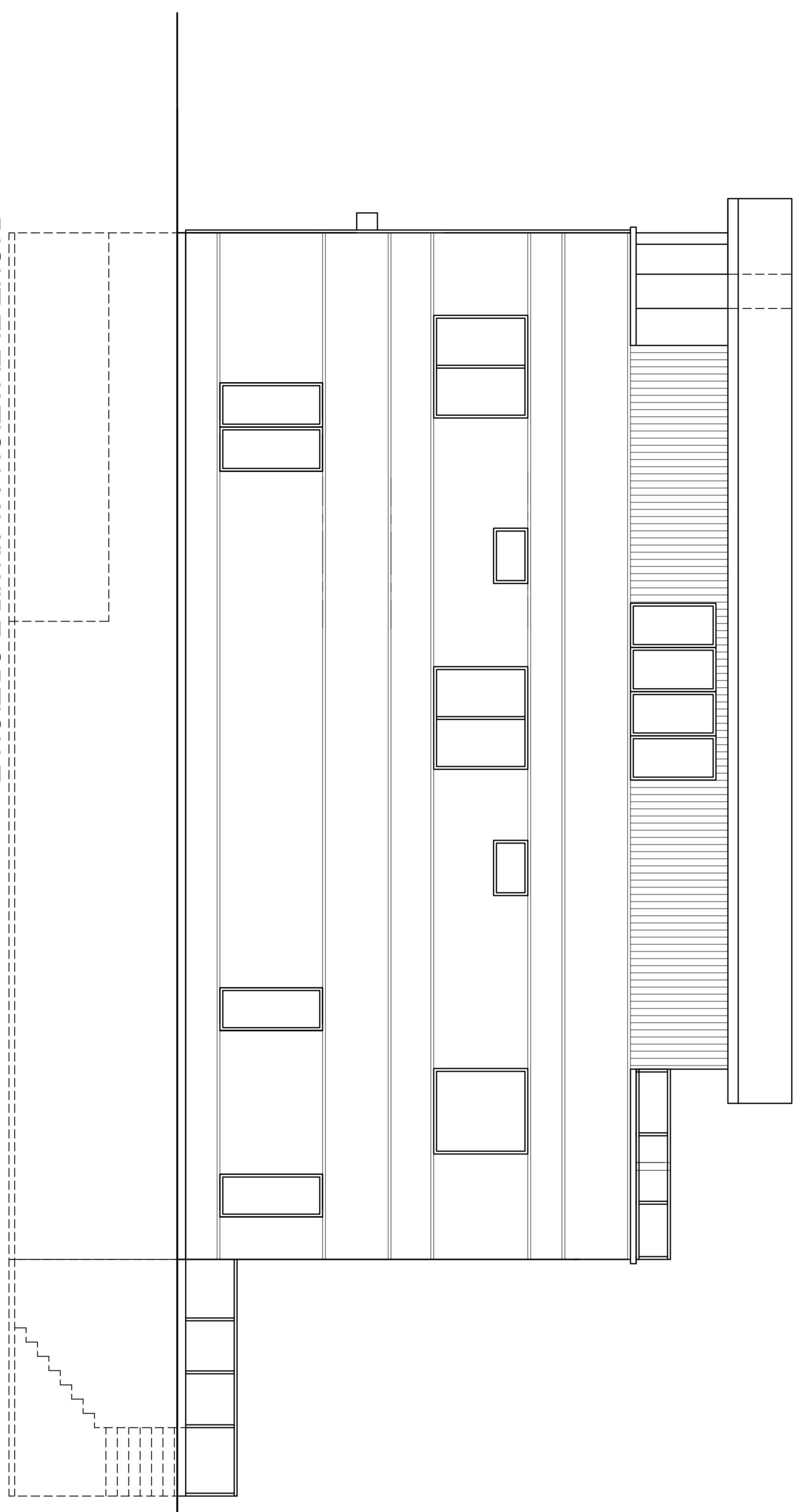
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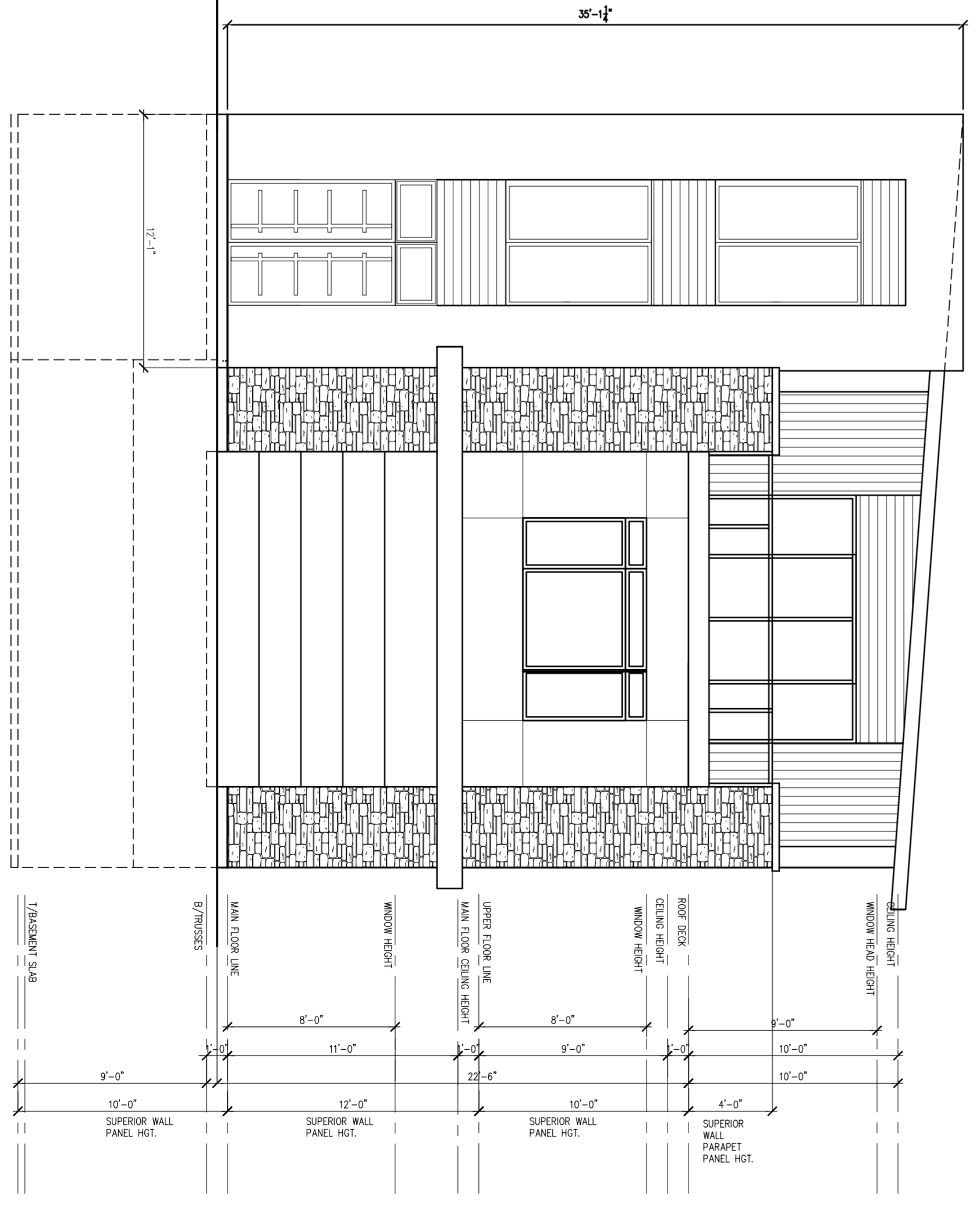
LEFT ELEVATION 36'-0" WIDE OPTION E  
SCALE: 1/4" = 1'-0"



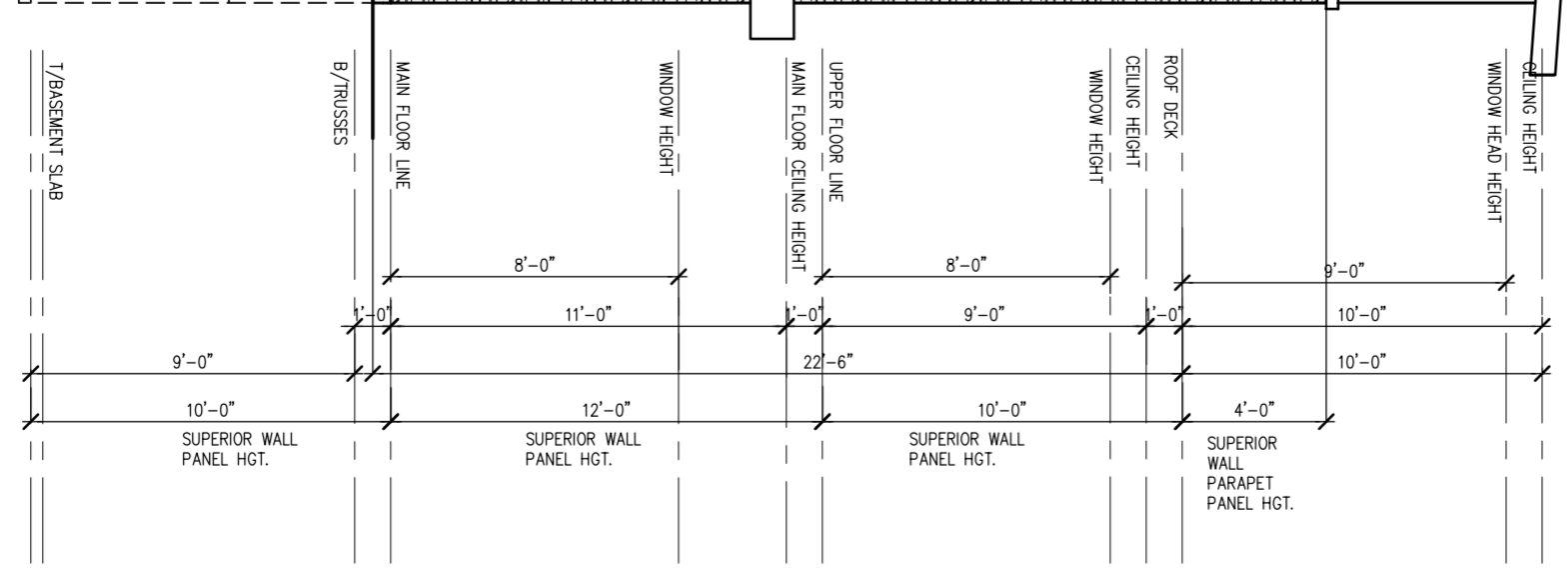
REAR ELEVATION 36'-0" WIDE OPTION E  
SCALE: 1/4" = 1'-0"



RIGHT ELEVATION 36'-0" WIDE OPTION E  
SCALE: 1/4" = 1'-0"



FRONT ELEVATION 36'-0" WIDE OPTION E  
SCALE: 1/4" = 1'-0"



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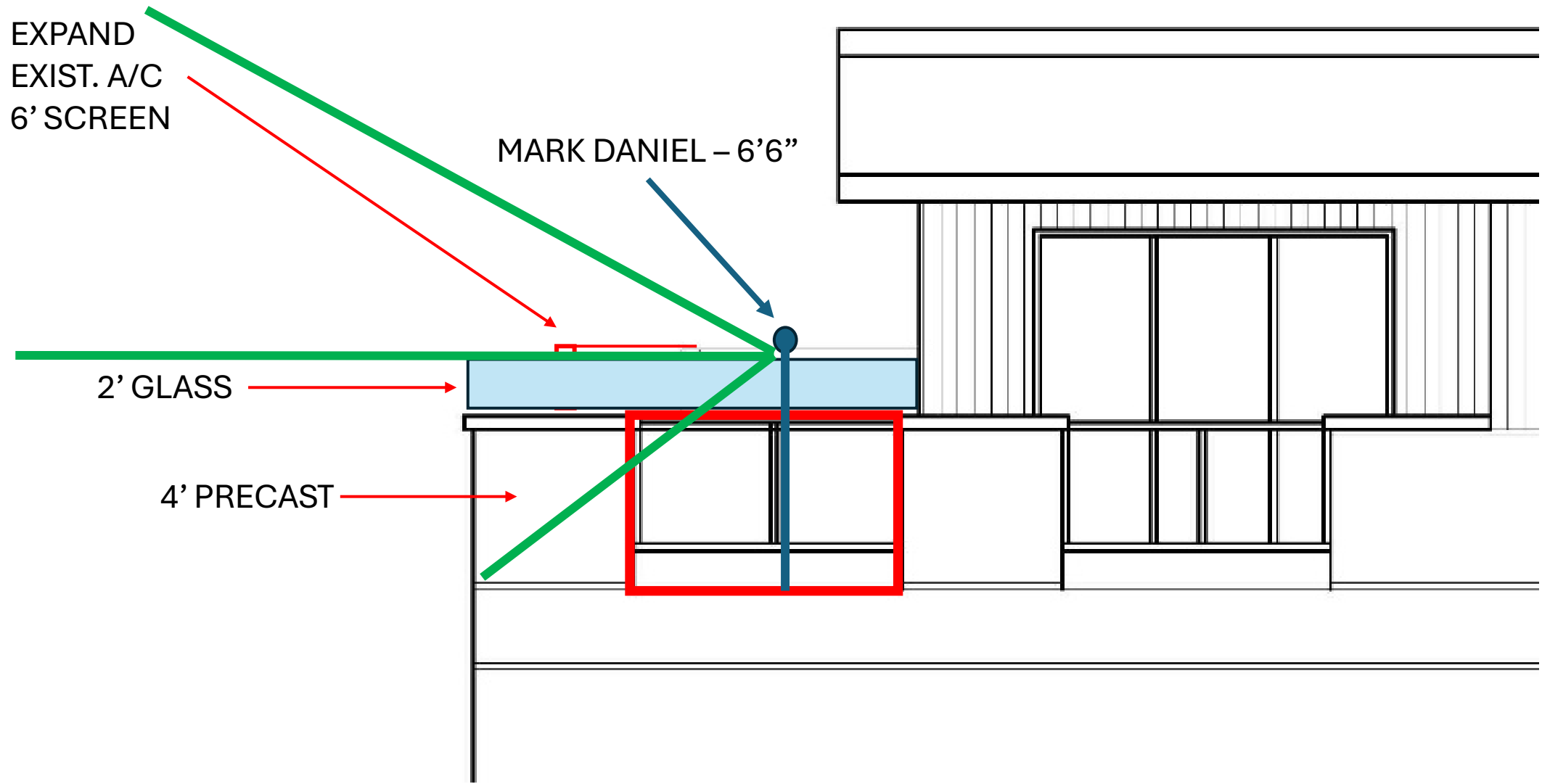
ISSUE	DATE

SHEET TITLE  
BUILDING ELEVATIONS  
OPTION E

SHEET NUMBER  
**A-1-E**  
OF

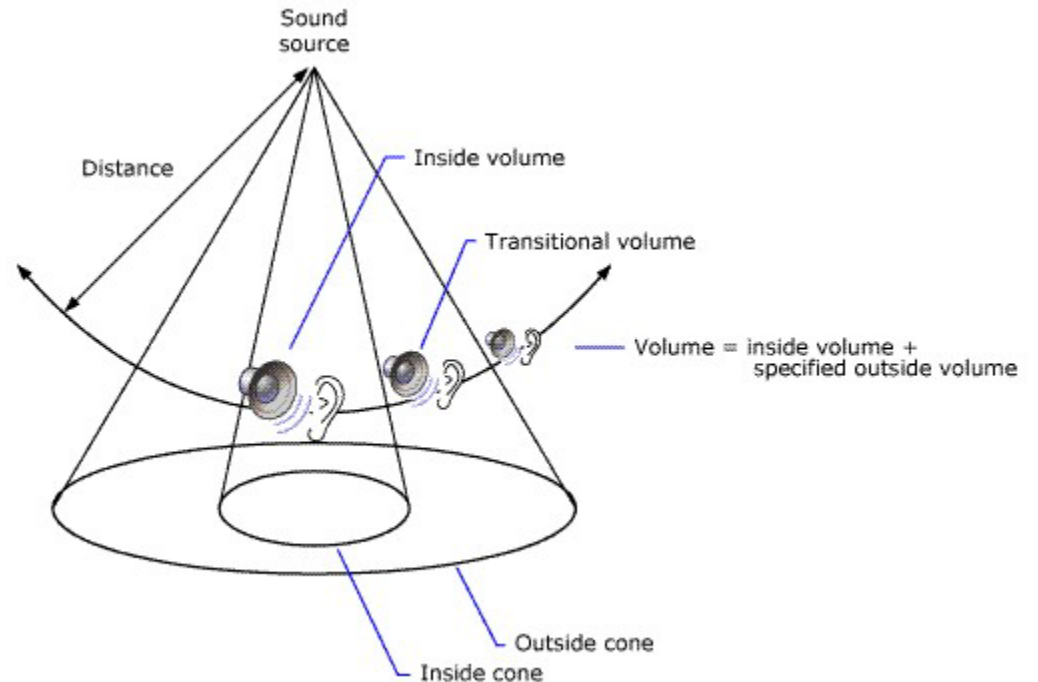
EXIST. A/C  
6' SCREEN



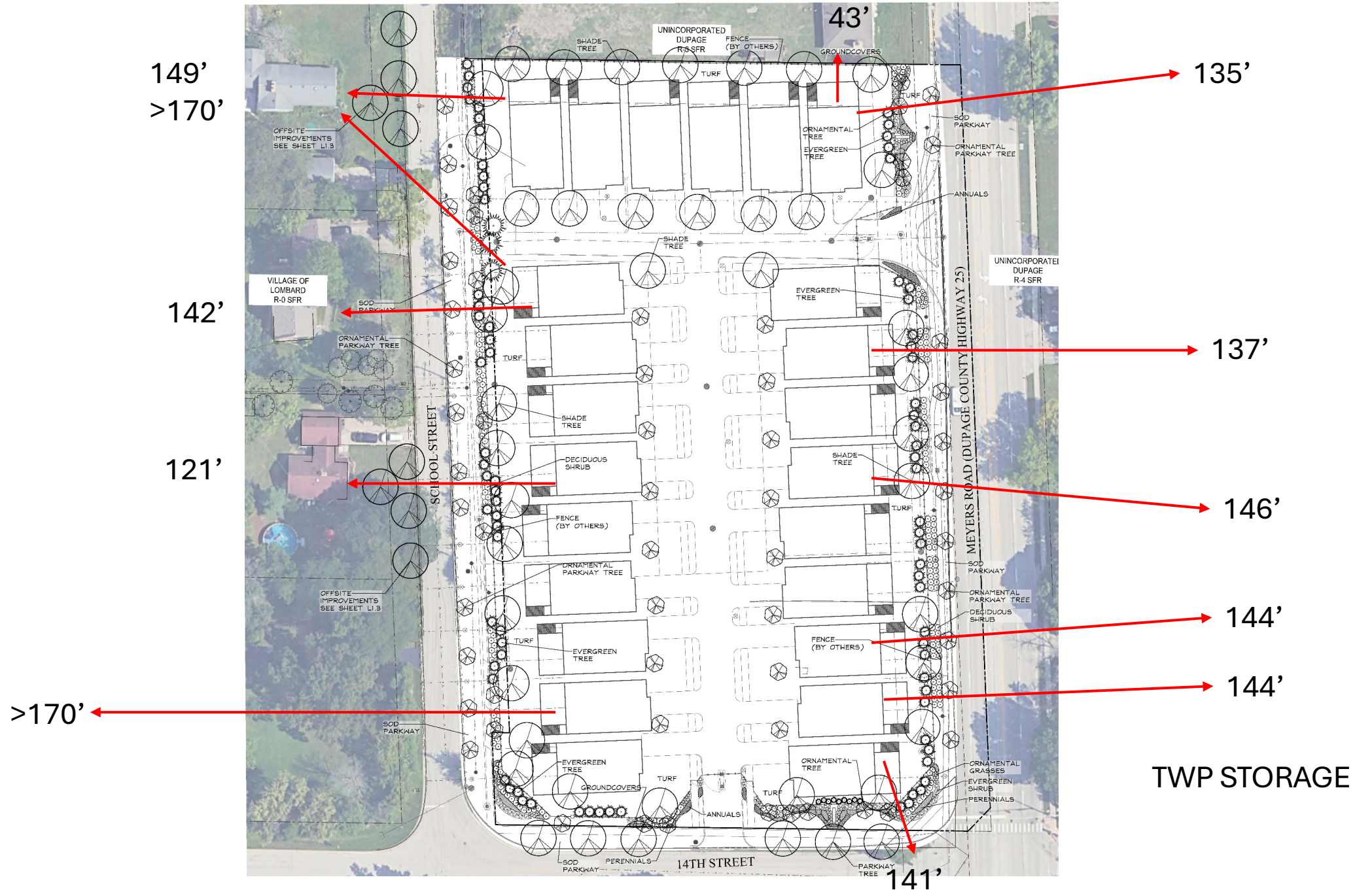


# Basics of analysis

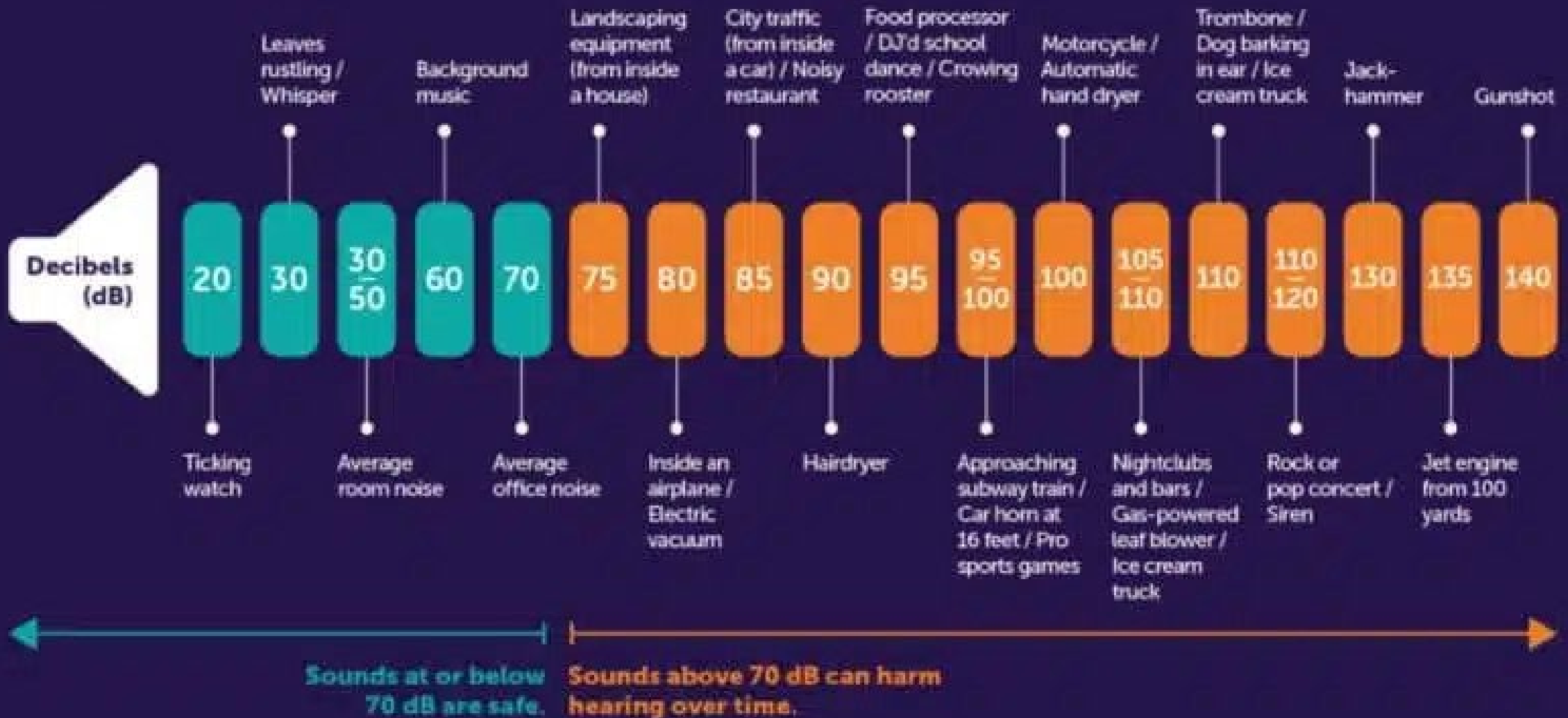
- Home audio, sound travels in a cone.
- Decibel figures drop 2-5 dB with tree plantings, but trees were not considered.
- Walls reduce by 35-50dB, but walls were not considered.
- Assumed no interference, similar topography and grade distance from source to receptor.
- Did not use true distance from deck.





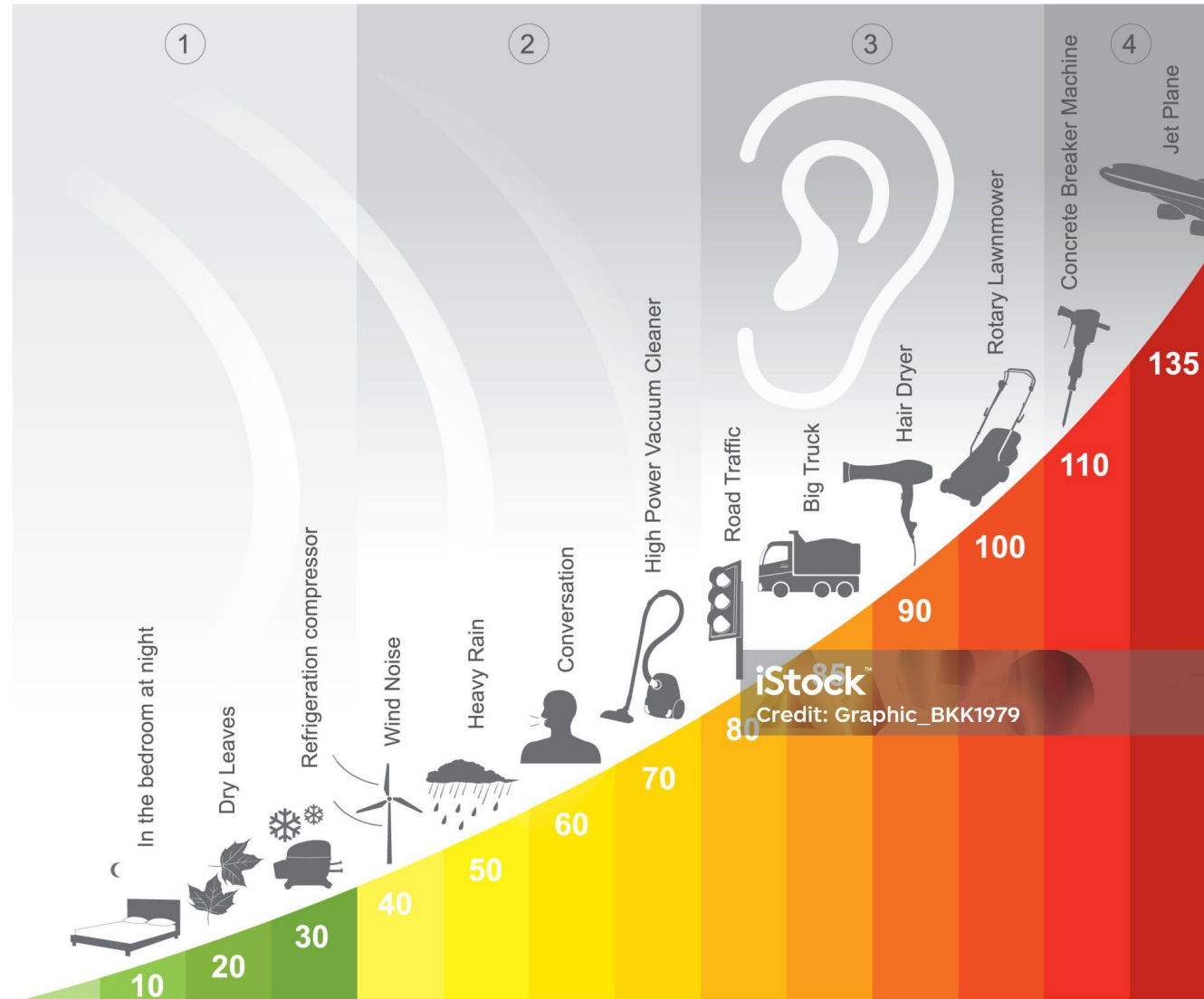


# NOISE LEVELS





# The sound pressure level differences in dB(A)



1. Quiet / The sound is very low levels.

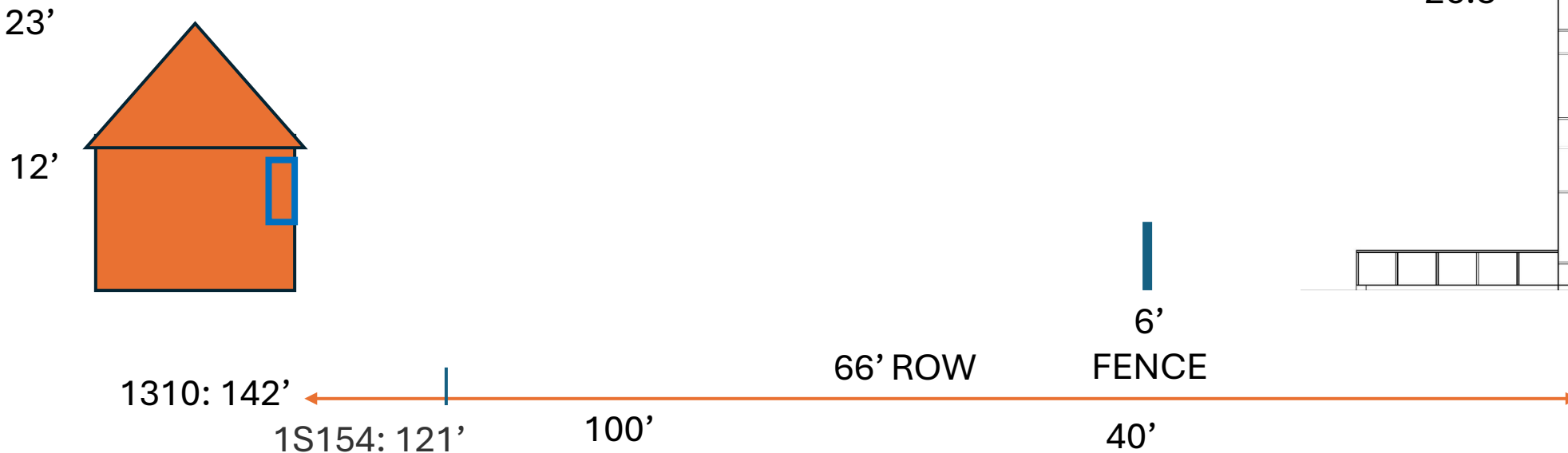
2. The sound started to loud levels.

3. The sound at dangerous noise levels.

4. The most dangerous noise levels may be hearing loss.

SOURCE	0' dB	121' dB	142' dB	43' dB
Sm/Group Conv Shout	55/65 85	-6.656/3.344 23.344	-8.046/1.9542 21.954	2.33/12.33 32.33
Speaker	70	8.34	7.016	17.33
Leaves Rustling	20	20	20	20
Traffic (Sch/Mey)	70-80	23.556/8.744	17.535/7.31	2.041/19.897
PACE Bus Stop	+/-90	18.744 (410')	17.31 (431')	44.9
Hair Dryer	90	28.344	27.016	37.33

NOTE: EACH INCREASE OF 3dB DOUBLES SOUND PRESSURE (6 dB = 4 x)  
<https://www.omnicalculator.com/physics/distance-attenuation>



HUMAN RANGE: 0-130 dB

