

EDWARD SILVA ARCHITECT

EDWARD SILVA, ARCHITECT REG. No. 11131

8900 SW 117 AVENUE, SUITE 107-B, Miami, Florida 33186

(305) 275-8383 / (FAX) 275-8381

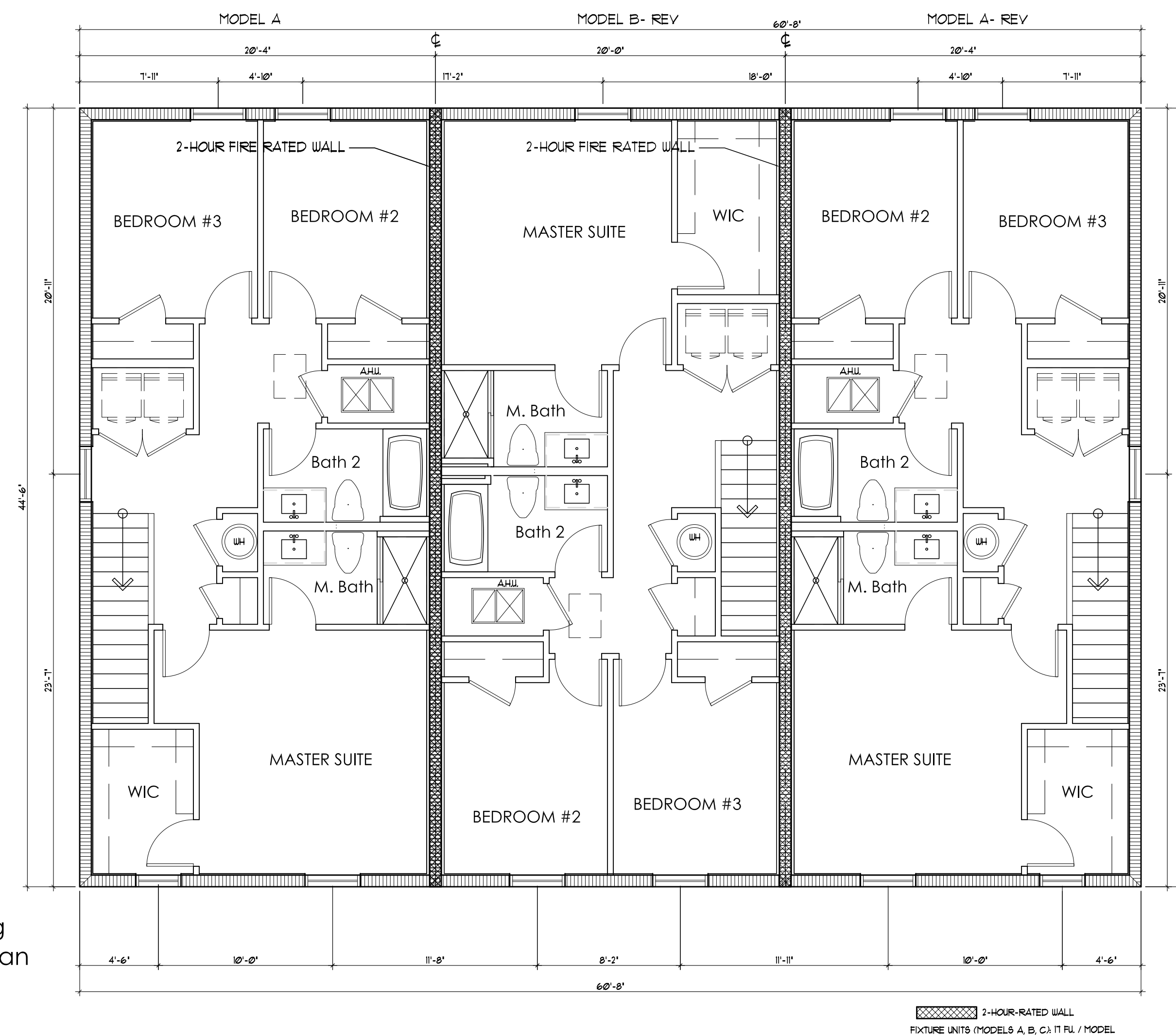
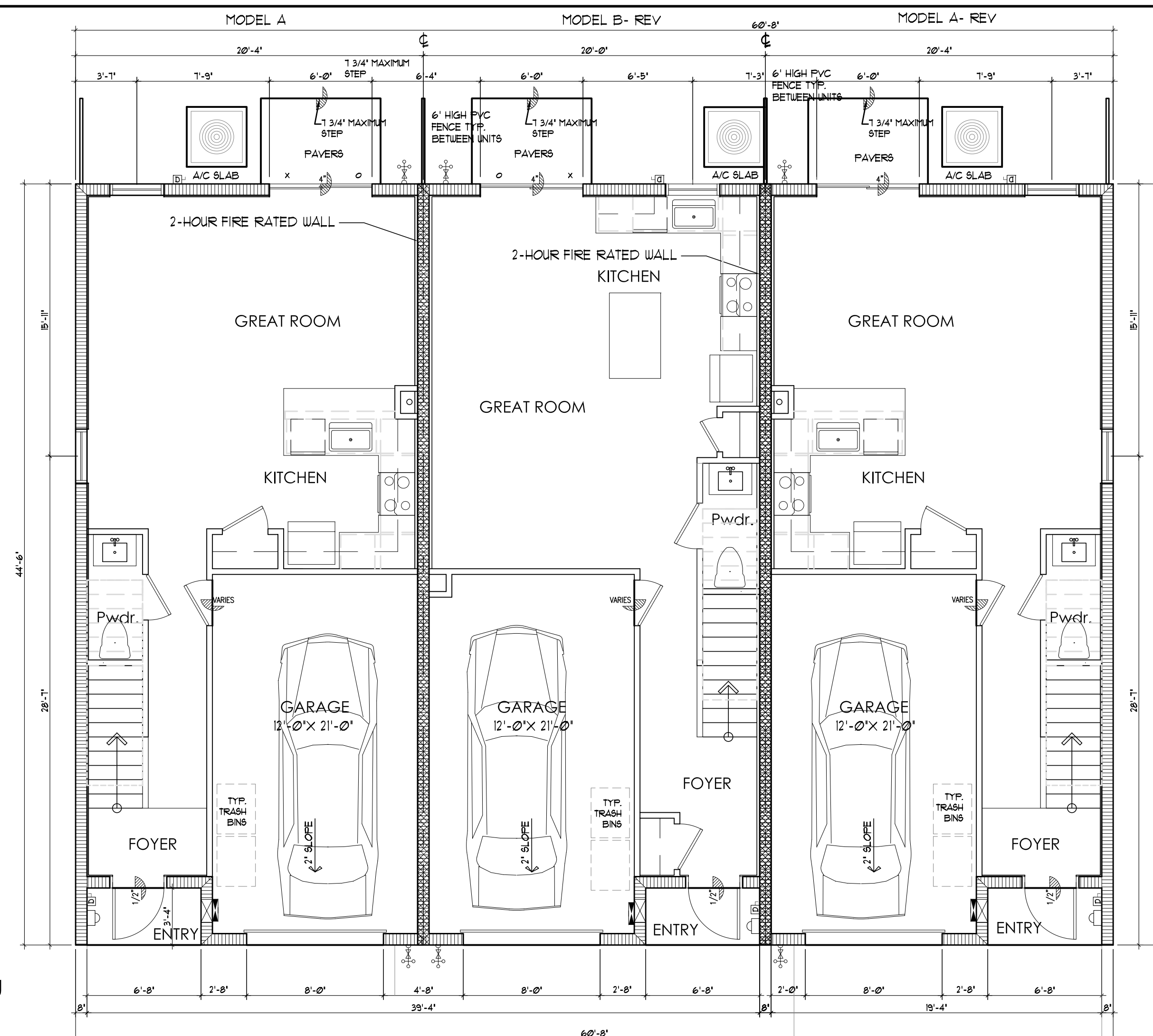
*" Meeting the needs of the building industry
through innovative design "*

HIGHLAND OAKS


CITY OF POMPANO BEACH, FLORIDA

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Edward Silva
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2021.03.03
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ALL SPECIFICATIONS WITHOUT WRITTEN CONSENT IS REQUIRED.


ISSUANCE FOR
☐ BIDDING ☐ CONSTRUCTION ☐ PERMIT
Edward
Silva

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Client: _____
Address: _____
Address: _____
Phone: _____
Plan: OVERALL FLOOR PLAN
HIGHLAND OAKS- 3 UNIT BUILDING

Job No.:
Drawn By:
Scale: 3/16"=1'-0"
Date : 03-01-21
Lot:
Block:

EDWARD SILVA, ARCHITECT
REG. NO. 0011131
8900 SW 117 AVE #B107, MIAMI, FLORIDA 33186
(305) 275-8383 / FAX - (305) 275-8381

PREPARED BY E.S.A. DESIGN GROUP

E.S.A.
Design Group, Inc.

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of AAC

PZ13-12000041
5/4/21

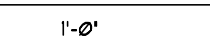


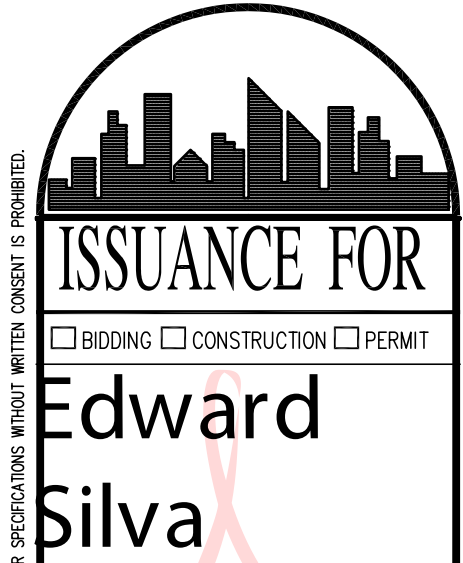
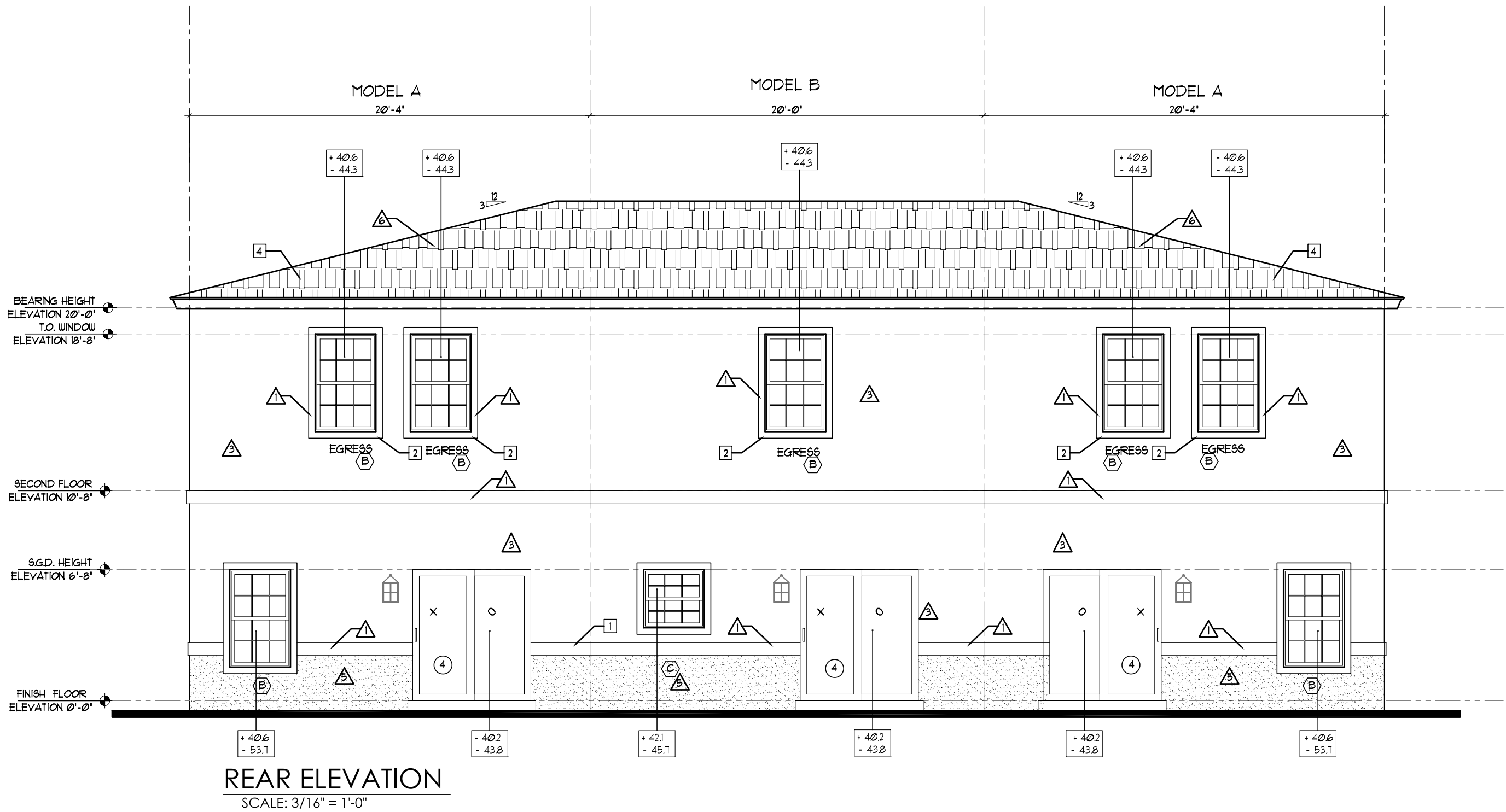
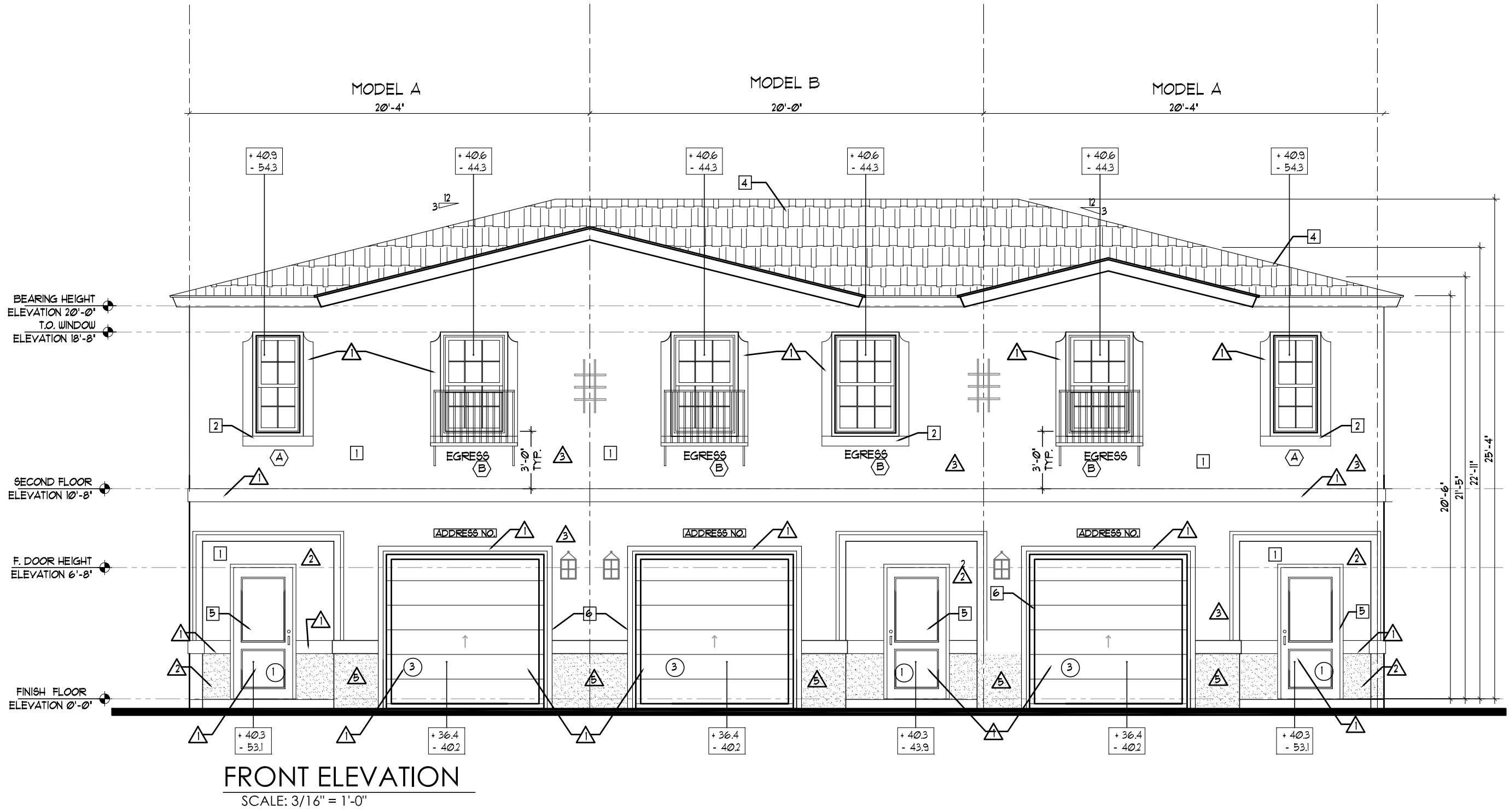
NO OPENING OR PENETRATIONS PERMITTED IN THE ROOF W/ IN 4'-0" OF COMMON WALLS
AS PER FBC R302.2.2(2).

 2-HOUR-RATED WALL

SOFFIT VENT CALCULATIONS ARE AS FOLLOWS PER 6TH EDITION 2017
FBC (MIN. 1/300 OF CEILING AREA) WHEN 50% OF THE REQUIRED
VENT. AREA PROVIDE BY VENTILATOR AT LEAST 3' ABOVE EAVE

$3025 \text{ SQ. FT.} = 30 \text{ SQ. FT.}$
 $\frac{300}{\text{SOFIT VENTS.}}$
 $\text{SIZE OF VENT} = \frac{30 \times 2}{144} = .764 \text{ SQ. FT./VENT}$
 $50\% (30 \text{ SQ. FT.}) = 15 \text{ SQFT.} / .764 = 19 \text{ VENTS OF } 5' \times 22'$
 $19 \text{ VENTS} / 4 \text{ CLEAR OPENG} = 4.9 \text{ VENTS (5 VENTS)}$
 5 VENTS PROVIDED
 $15 \text{ SQ. FT.} : 15 \text{ SQ. FT. TO BE PROVIDED BY GOOSE NECKS}$
 GOOSE NECK VENTS:
 $\text{SIZE OF VENT} = \frac{17 \times 24}{144} = 2 \text{ SQ. FT./VENT - 1 VENT PROVIDED}$

KEY NOTES			COLOR SCHEME 1		COLOR SCHEME 2	
			LOCATION	COLOR	MANUFACTURER	COLOR
1	TEXTURED CEMENTITIOUS FINISH	BODY	CREAMY (SW 702)	SHERWIN WILLIAMS	DRIFT OF MIST (SW 9166)	SHERWIN WILLIAMS
2	HARD COATED 4" EPS BAND (1" THICK STANDARD)	BELOW BAND	TAUPE TONE (SW 7633)	SHERWIN WILLIAMS	FELTED WOOL (SW 9111)	SHERWIN WILLIAMS
3	HARD COATED 8" EPS BAND (1" THICK STANDARD)	TRIM + FASCIA	ACCESSIBLE BEIGE(SW 7036)	SHERWIN WILLIAMS	SKYLINE STEEL (SW 1019)	SHERWIN WILLIAMS
4	SHINGLES ROOF	FRONT DOOR	LABRADORITE (SW 7615)	SHERWIN WILLIAMS	INTERESTING AQUA (SW 7220)	SHERWIN WILLIAMS
5	FRONT DOOR: METAL	GARAGE + CORBEL (PER ELEVATION)	ANONYMOUS (SW 7046)	SHERWIN WILLIAMS	BLACK BEAN (SW 6006)	SHERWIN WILLIAMS
6	GARAGE DOOR: METAL					
OUTLOOKERS DETAIL STYROFOAM AND GLUED AS PER MANUFACTURE SPECIFICATION						
FOAM OUTLOOKER DETAIL MANUFACTURER: FTYON						



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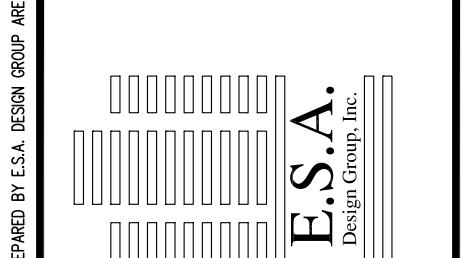
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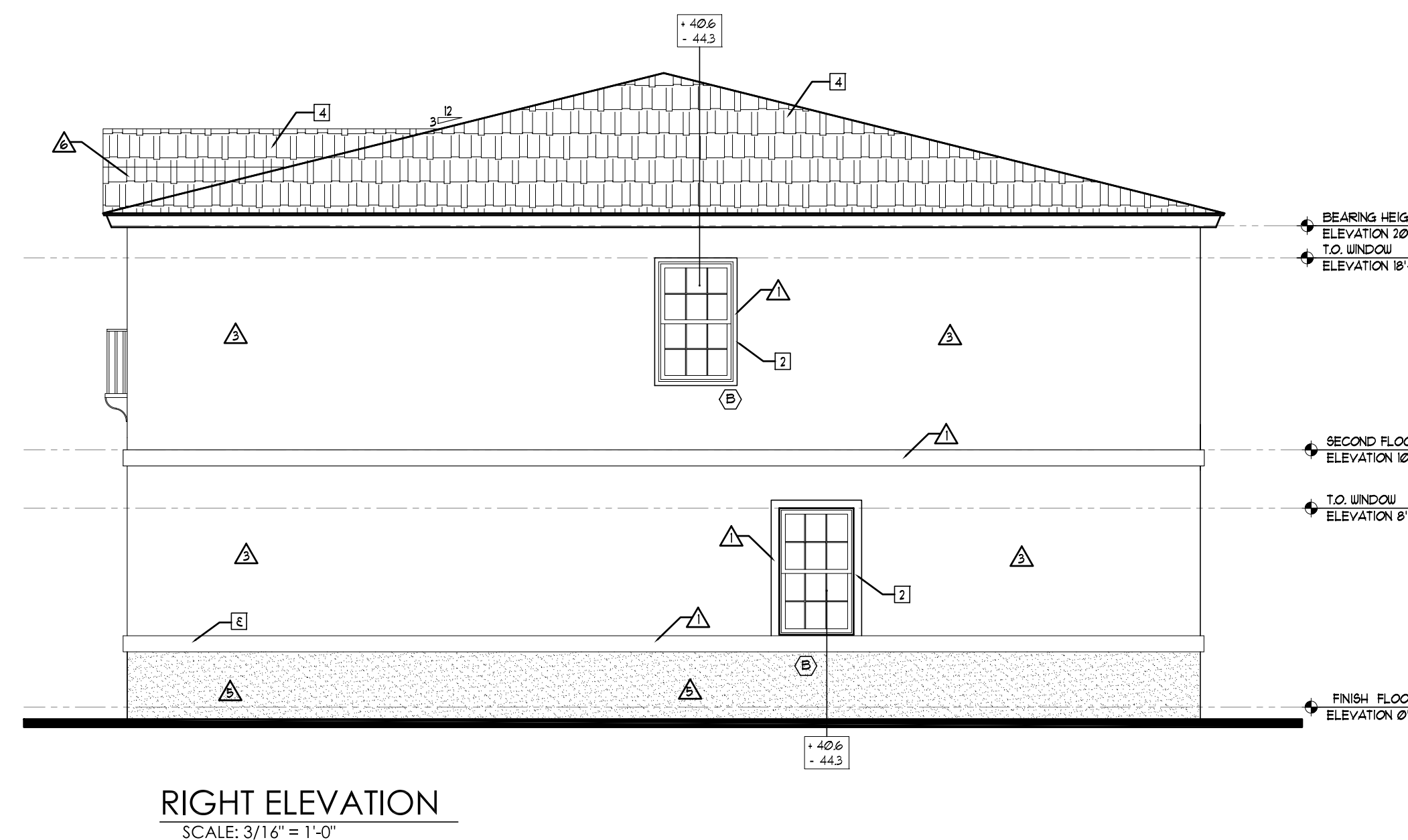
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Address: _____
Address: _____
Phone: _____
Plan: _____

Job No.: _____
Drawn By: _____
Scale: 3/16"=1'-0"
Date: 03-01-21
Lot: _____
Block: _____

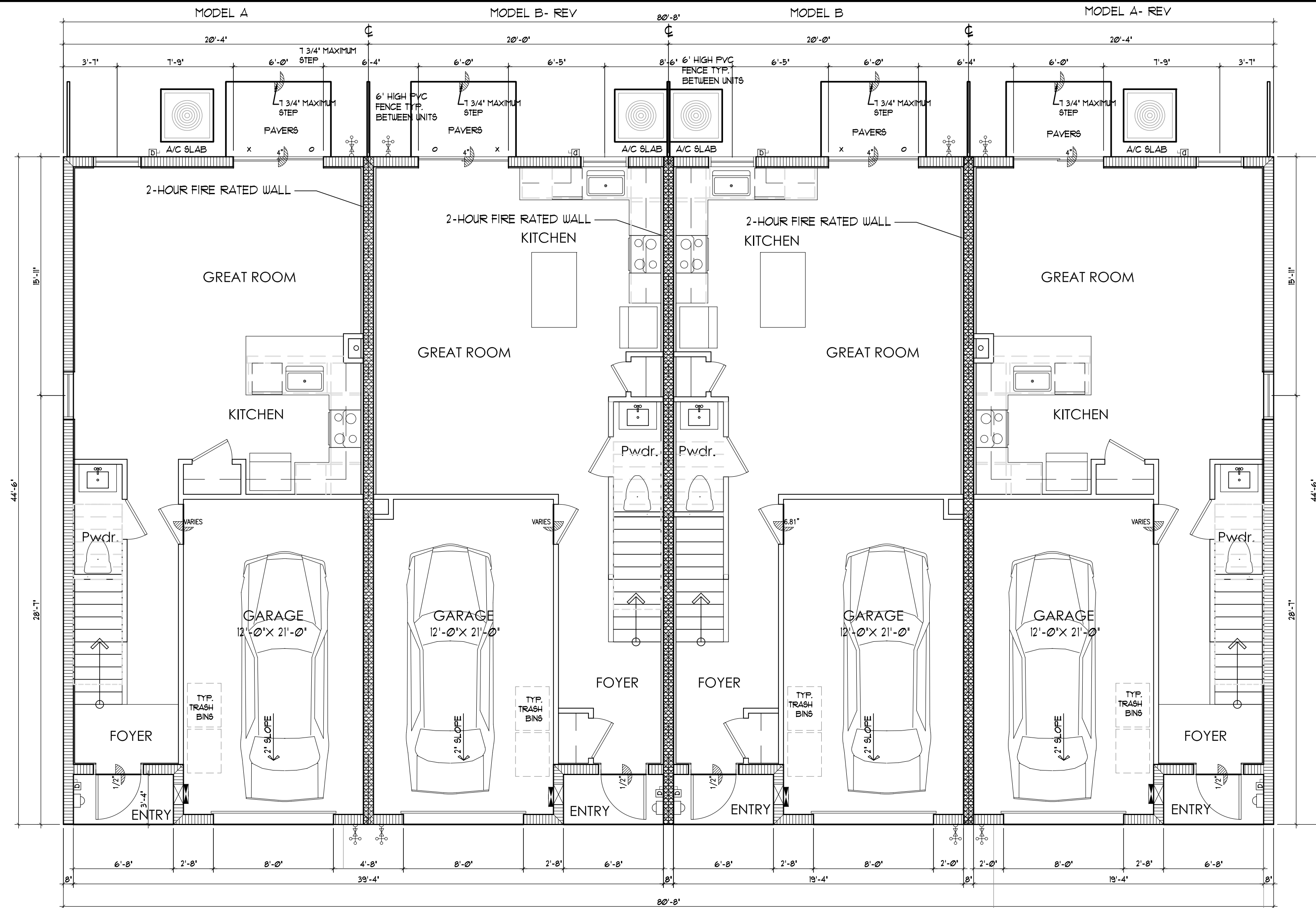
EDWARD SILVA, ARCHITECT
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(305) 275-8383 / FAX - (305) 275-8381



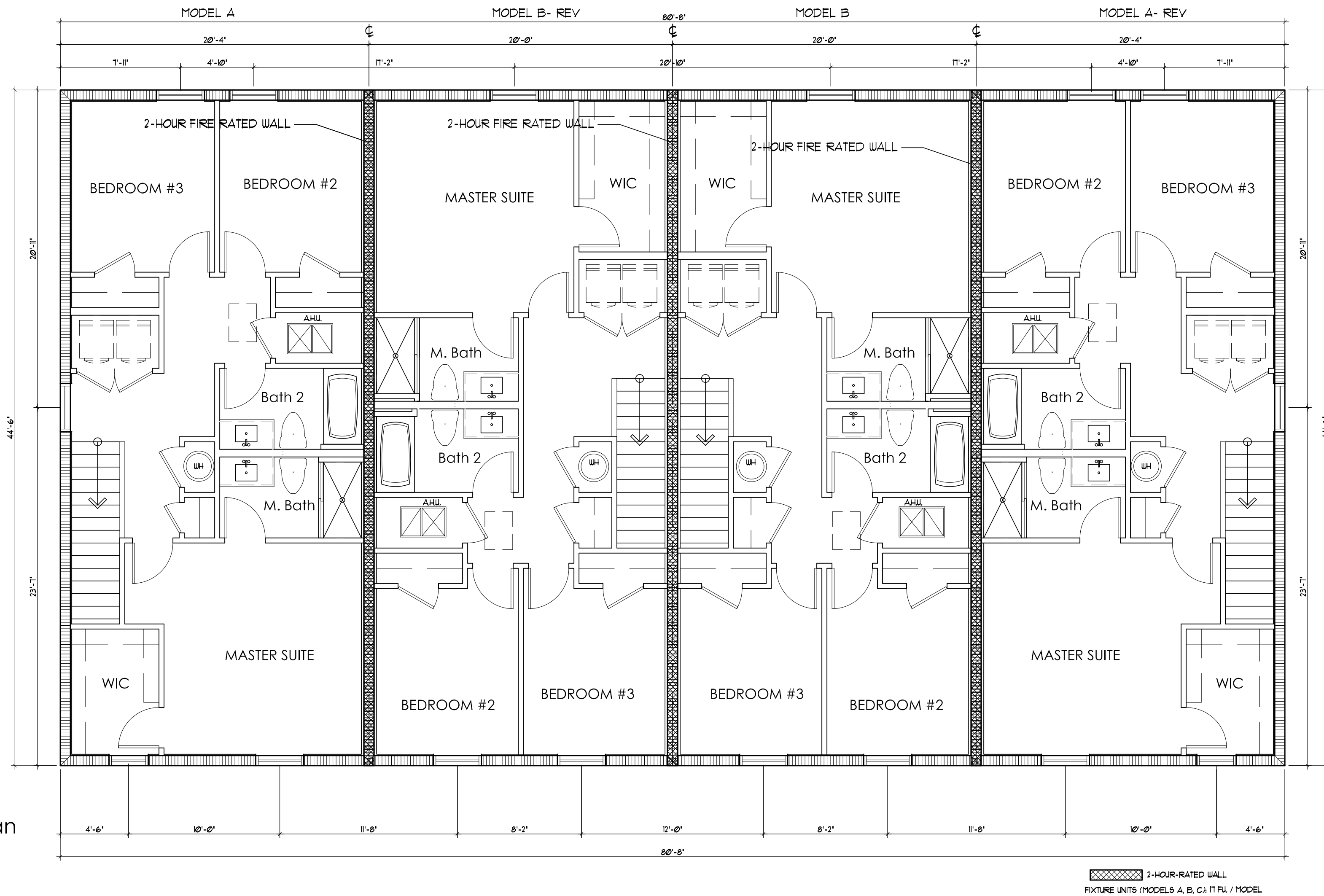
OV-3U-3
of AAC
P213-12000041
5/4/21



4-Unit Building
First Floor Plan



4-Unit Building
Second Floor Plan



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Date: 2021.03.03 15:23:12 -0500

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Client: Address: Address: Phone: Plan:

OVERALL FLOOR PLAN

HIGHLAND OAKS - 4 UNIT BUILDING

Job No.: Drawn By: Scale: Date: Lot: Block:

EDWARD SILVA, ARCHITECT

REG. No. 0011131

8900 SW 117 AVE #B107, MIAMI, FLORIDA 33186

(305) 275-8383 / FAX - (305) 275-8381

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E.S.A.

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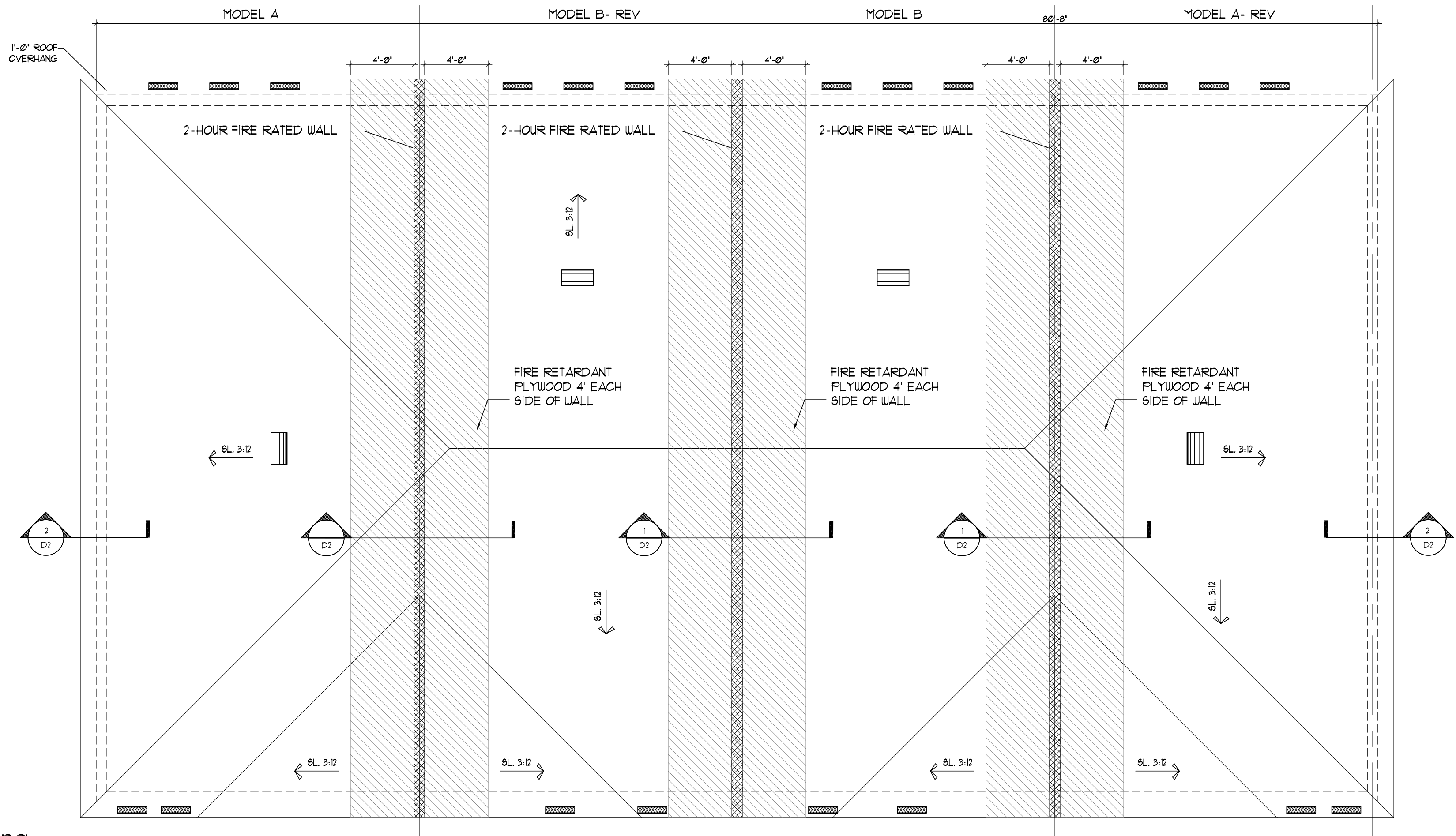
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P213-12000041

5/4/21

4-Unit Building
Roof Plan




THE RAKE BEAMS MUST EXTEND TO THE BACKSIDE OF THE FACIA FOR THE 2-HOUR WALL UNIT SEPARATION SEE DET.2/D-1 (TYPICAL)

NO OPENING OR PENETRATIONS PERMITTED IN THE ROOF W/ IN 4'-0" OF COMMON WALLS AS PER FBC R302.22(2).

2-HOUR-RATED WALL

2-HOUR-RATED WALL	
SOFFIT VENT CALCULATIONS	
SOFFIT VENT CALCULATIONS ARE AS FOLLOWS PER 6TH EDITION 2011 FBC (MIN. 1/300 OF CEILING AREA) WHEN 50% OF THE REQUIRED VENT AREA PROVIDED BY VENTILATOR AT LEAST 3' ABOVE EAVE	
300 SQ. FT. = 30 SQ. FT.	300
SOFFIT VENTS:	
SIZE OF VENT = 5'x22' = .164 SQ. FT./VENT	144
50% (30 SQ. FT.) = 15 SQ. FT. / .164 = 13 VENTS OF 5'x 22'	
13 VENTS / 4 CLEAR OPENING = 4.9 VENTS (5 VENTS)	
5 VENTS PROVIDED	
15 SQ. FT. : 15 SQ. FT. TO BE PROVIDED BY GOOSE NECKS	
GOOSE NECK VENTS:	
SIZE OF VENT = 12'x4' = 2 SQ. FT./VENT = 1 VENT PROVIDED	144



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Client:

Address:

Address:

Phone:

Plan:

Job No.:

Drawn By:

Scale:

Date:

Lot:

Block:

OVERALL ROOF PLAN

HIGHLAND OAKS- 4 UNIT BUILDING

EDWARD SILVA, ARCHITECT

REG. NO. 0011131

8900 SW 117 AVE #B107, MIAMI, FLORIDA 33186

(305) 275-8383 / FAX - (305) 275-8381

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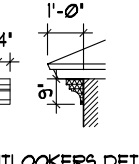
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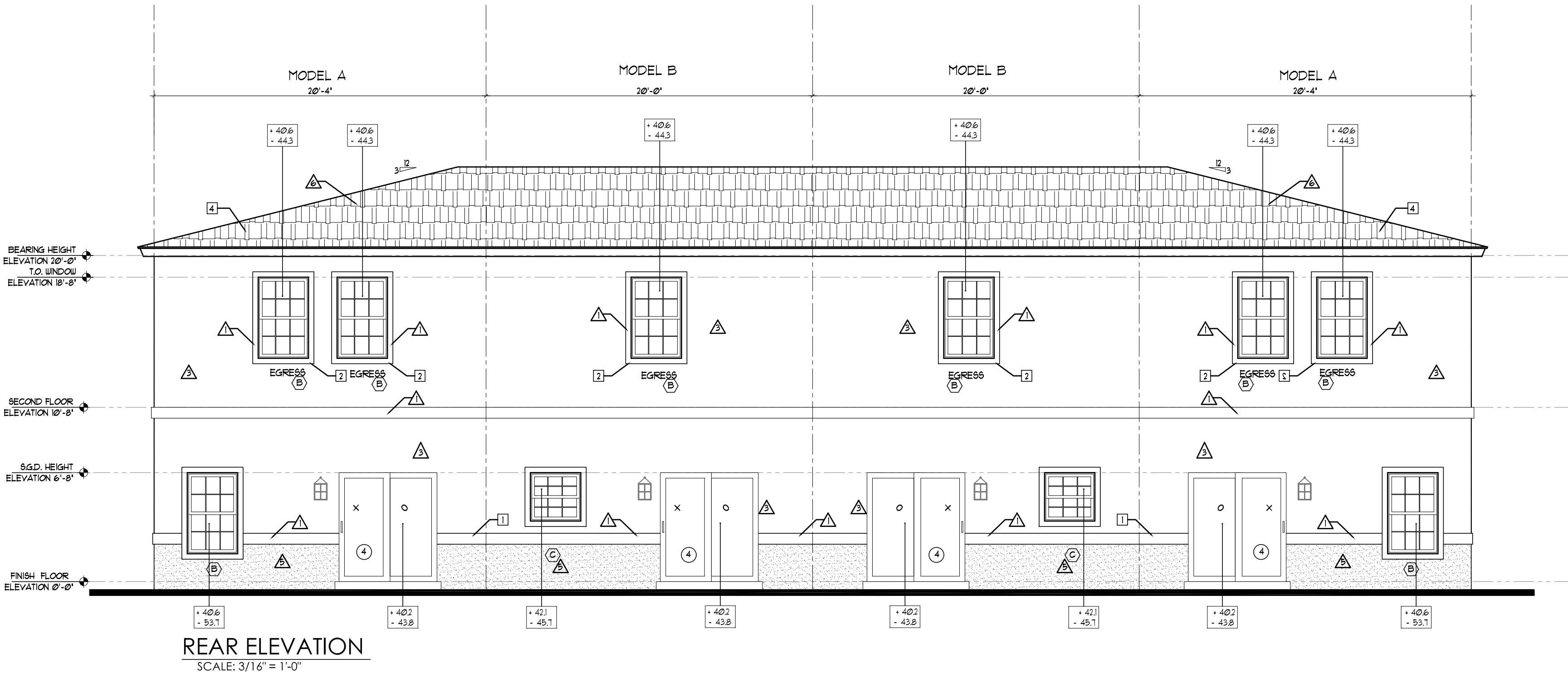
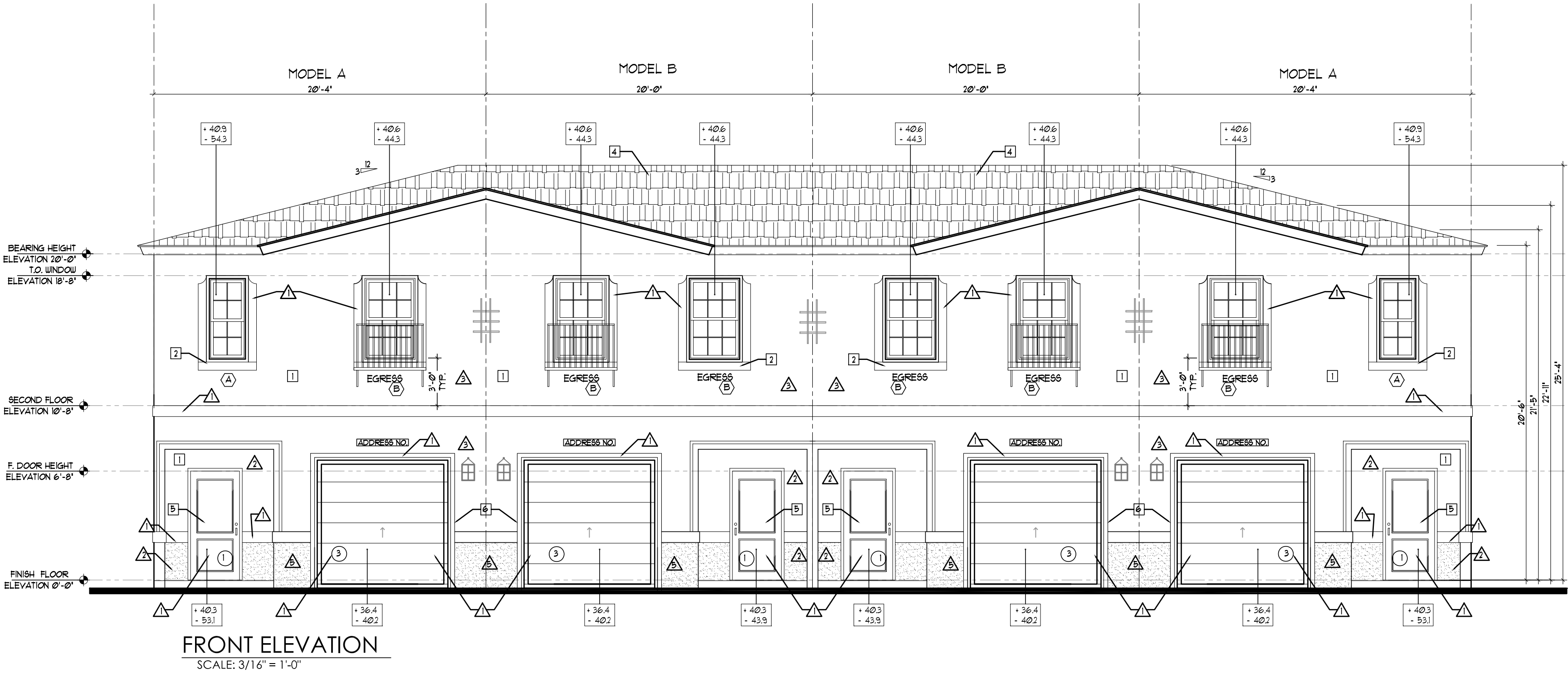
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PZ13-12000041

5/4/21

KEY NOTES				COLOR SCHEME 1		COLOR SCHEME 2	
1	TEXTURED CEMENTITIOUS FINISH	 OUTLOOKERS DETAIL STYROFOAM AND GLUED AS PER MANUFACTURE SPECIFICATION FOAM OUTLOOKER DETAIL MANUFACTURER: FTYON	LOCATION	COLOR	MANUFACTURER	COLOR	MANUFACTURER
2	HARD COATED 4" EPS BAND (1" THICK STANDARD)		BODY	CREAMY (SW 702)	SHERWIN WILLIAMS	DRIFT OF MIST (SW 9166)	SHERWIN WILLIAMS
3	HARD COATED 8" EPS BAND (1" THICK STANDARD)		BELOW BAND	TAUPE TONE (SW 7633)	SHERWIN WILLIAMS	FELTED WOOL (SW 9111)	SHERWIN WILLIAMS
4	SHINGLES ROOF		TRIM & FASCIA	ACCESSIBLE BEIGE(SW 7036)	SHERWIN WILLIAMS	SKYLINE STEEL (SW 1076)	SHERWIN WILLIAMS
5	FRONT DOOR: METAL		FRONT DOOR	LABRADORITE (SW 7615)	SHERWIN WILLIAMS	INTERESTING AQUA (SW 728)	SHERWIN WILLIAMS
6	GARAGE DOOR: METAL		GARAGE & CORBEL (PER ELEVATION)	ANONYMOUS (SW 7046)	SHERWIN WILLIAMS	BLACK BEAN (SW 6006)	SHERWIN WILLIAMS



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Client: Address: Address: Phone: Plan:

ELEVATIONS
HIGHLAND OAKS- 4 UNIT BUILDING

Job No.: Drawn By: 3/16"=1'-0"
Scale: Date: 03-01-21

Lot: Block:

EDWARD SILVA, ARCHITECT
REG. No. 0011131
8900 SW 117 AVE #B107, MIAMI, FLORIDA 33186
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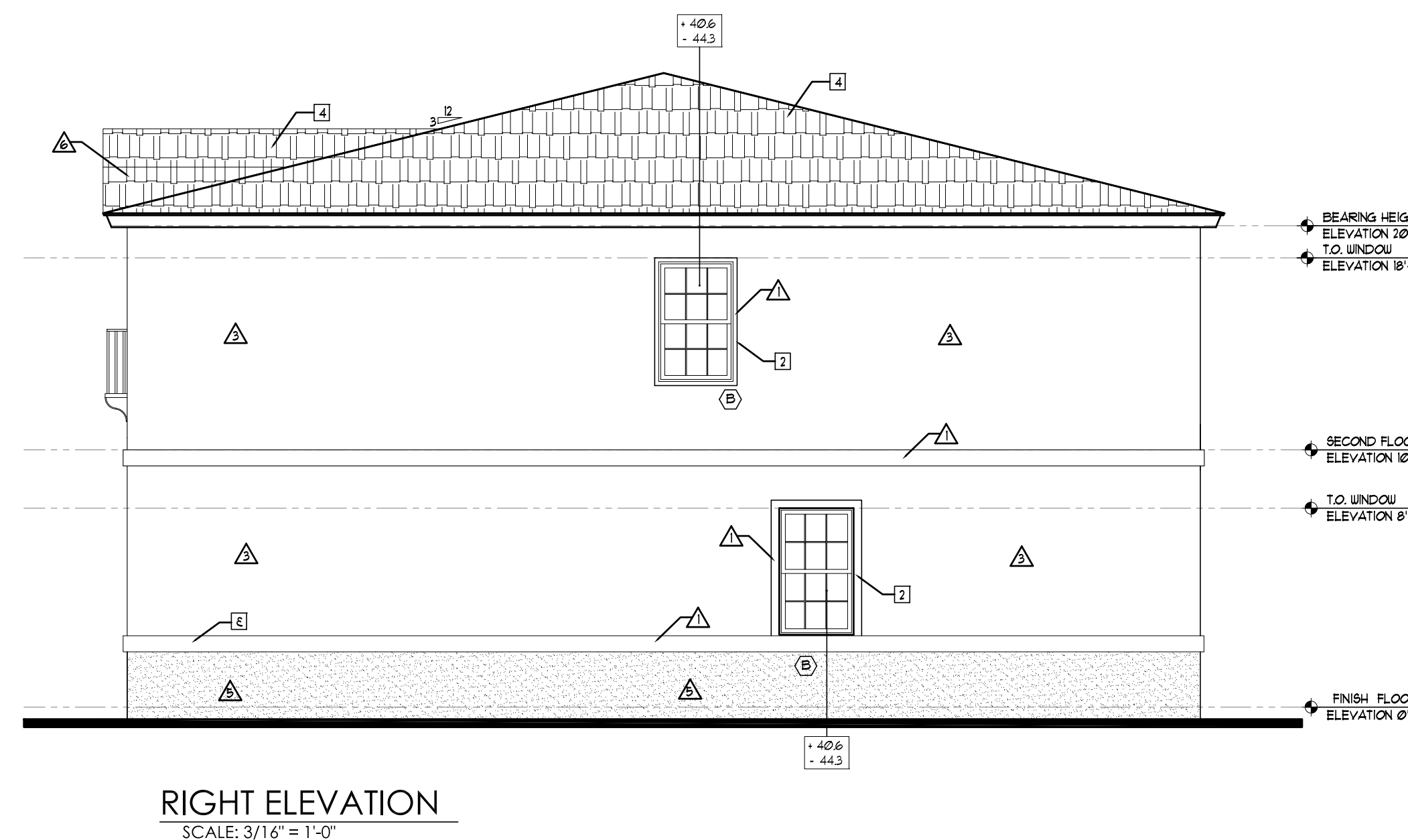
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of AAC

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Edward Silva
Date: 2021.03.03
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Client: Address: Address: Phone: Plan: OVERALL FLOOR PLAN
HIGHLAND OAKS - 6 UNIT BUILDING

Job No.: Drawn By: 3/16"=1'-0"
Scale: Date: 03-01-21
Lot: Block:

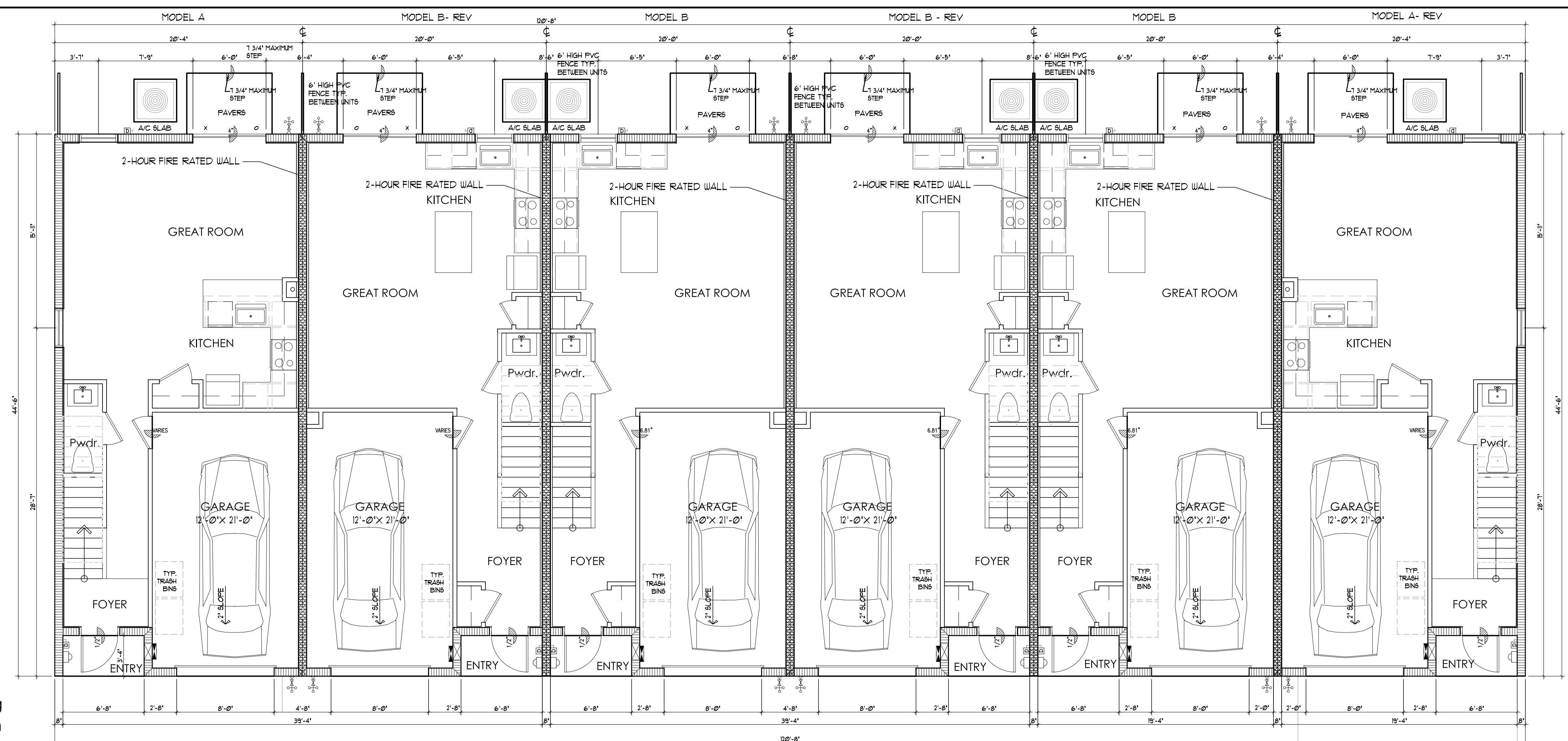
EDWARD SILVA, ARCHITECT
REG. No. 0011131
8900 SW 117 AVE #B107, MIAMI, FLORIDA 33186
(305) 275-8383 / FAX - (305) 275-8381

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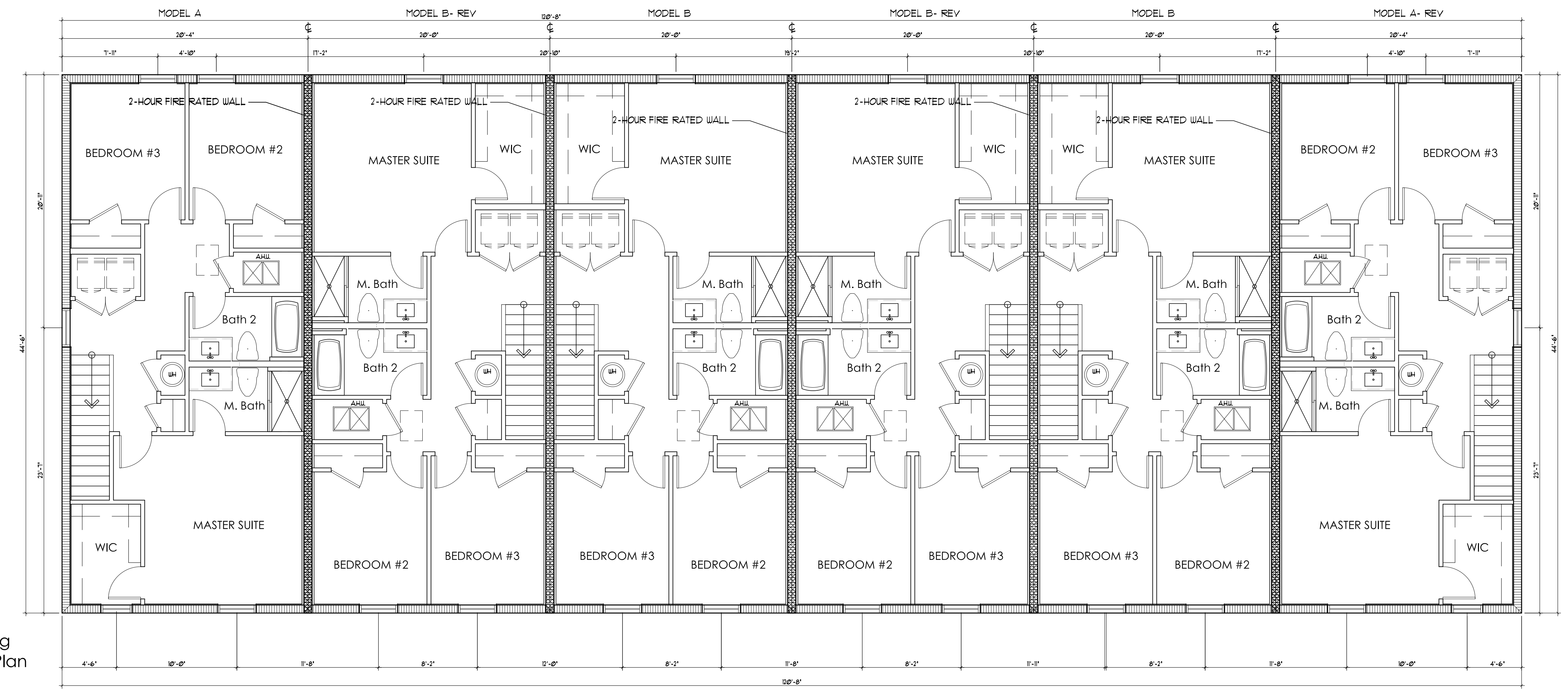
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PZ13-12000041
5/4/21

6-Unit Building
First Floor Plan



6-Unit Building
Second Floor Plan

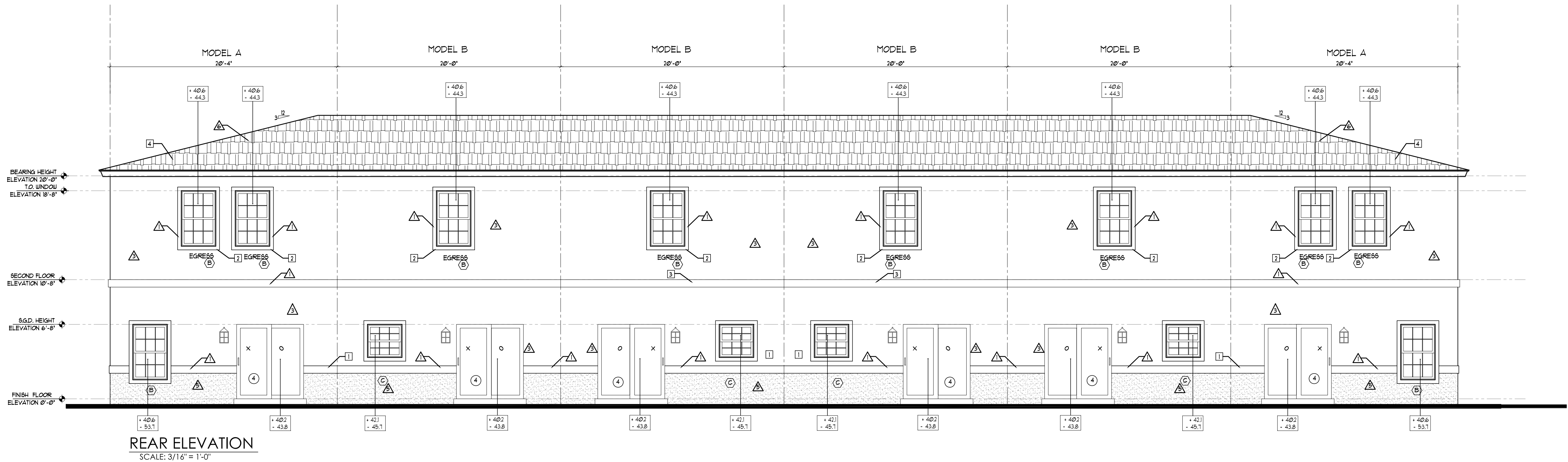
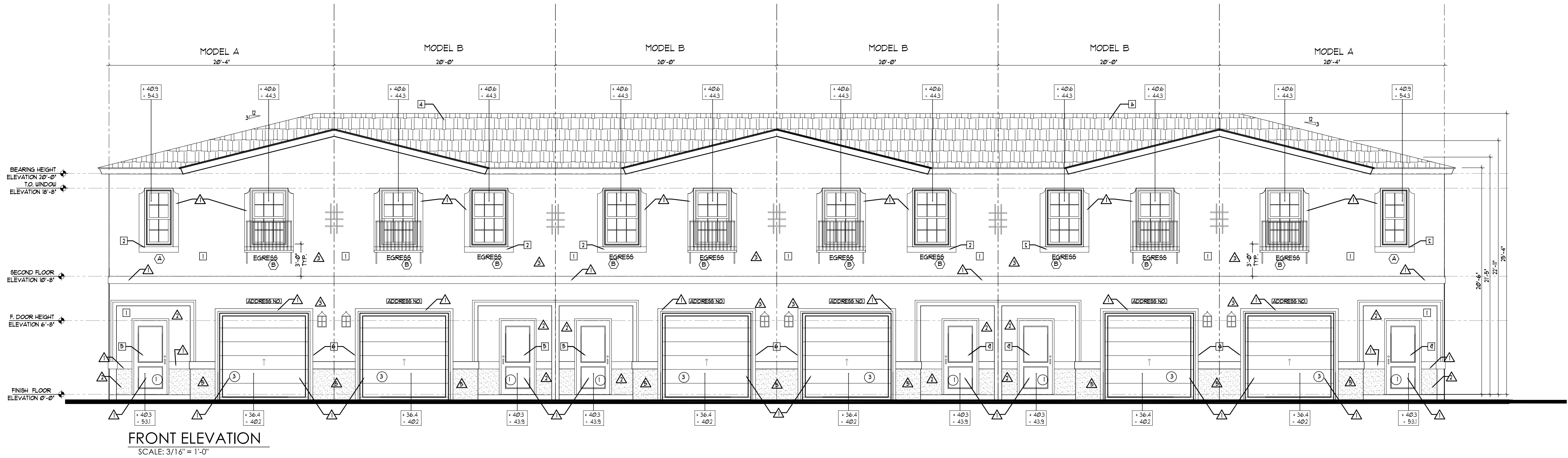




NO OPENING OR PENETRATIONS PERMITTED IN THE ROOF W/ IN 4'-0" OF COMMON WALLS
AS PER FBC R302.2.2(2).

ISSUANCE FOR	
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Edward Silva	
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Date: 2021.03.03	
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REV 14	
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OVERALL ROOF PLAN HIGHLAND OAKS - 6 UNIT BUILDING	
Client:	
Address:	
Address:	
Phone:	
Plan:	
Job No.:	
Drawn By:	3/16="1'-0"
Scale:	
Date:	03-01-21
Lot:	
Block:	
EDWARD SILVA, ARCHITECT REG. No. 0011131 8900 SW 117 AVE #B107, MIAMI, FLORIDA 33186 (305) 275-8383 / FAX - (305) 275-8381	
E.S.A. Design Group, Inc.	
OV-6U-2	
of AAC	

KEY NOTES		COLOR SCHEME 1		COLOR SCHEME 2	
1	TEXTURED CEMENTITIOUS FINISH	LOCATION	COLOR	MANUFACTURER	COLOR
2	HARD COATED 4" EPS BAND (1" THICK STANDARD)	BODY	CREAMY (SW 1002)	SHERWIN WILLIAMS	DRIFT OF MIST (SW 966)
3	HARD COATED 8" EPS BAND (1" THICK STANDARD)	BELOW BAND	TAUPE TONE (SW 1633)	SHERWIN WILLIAMS	FELTED WOOL (SW 917)
4	SHINGLES ROOF	TRIM & FASCIA	ACCESSIBLE BEIGE (SW 1036)	SHERWIN WILLIAMS	SKYLINE STEEL (SW 1015)
5	FRONT DOOR: METAL	FRONT DOOR	LABRADORITE (SW 1619)	SHERWIN WILLIAMS	INTERESTING AQUA (SW 220)
6	GARAGE DOOR: METAL	GARAGE & CORBEL (PER ELEVATION)	ANONYMOUS (SW 1046)	SHERWIN WILLIAMS	BLACK BEAN (SW 6006)
OUTLOOKERS DETAIL STYROFOAM AND GLUED AS PER MANUFACTURE SPECIFICATION		MANUFACTURER			
FOAM OUTLOOKER DETAIL MANUFACTURER: FIFON					



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Date: 2021.03.03 15:48:35 -05'00'

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Client: Address: Address: Phone: Plan:

ELEVATIONS
HIGHLAND OAKS- 6 UNIT BUILDING

Job No.: Drawn By: 3/16"=1'-0"
Scale: Date: 03-01-21

Lot: Block:

EDWARD SILVA, ARCHITECT

REG. No. 0011131

8900 SW 117 AVE #B107, MIAMI, FLORIDA 33186

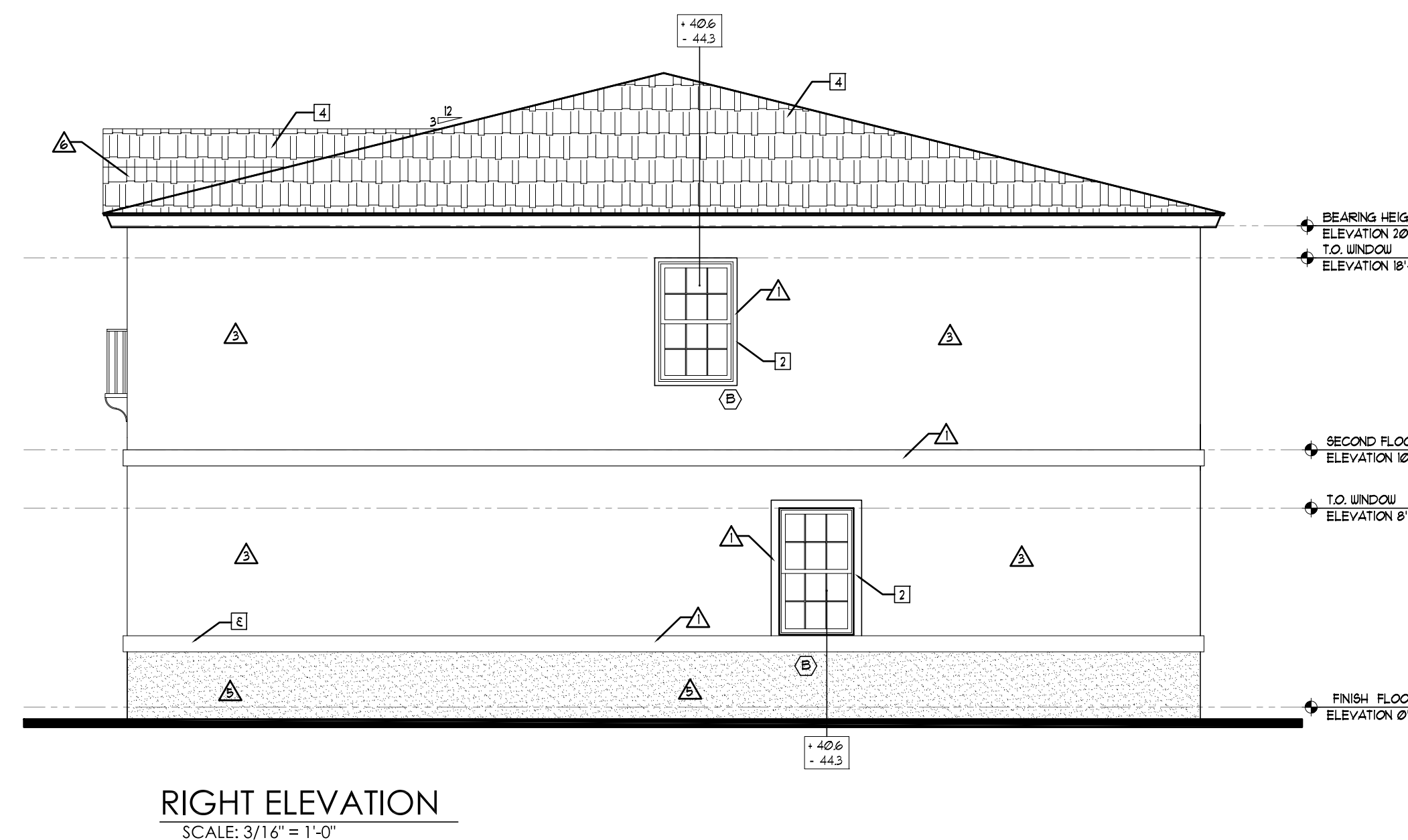
(305) 275-8383 / FAX - (305) 275-8381

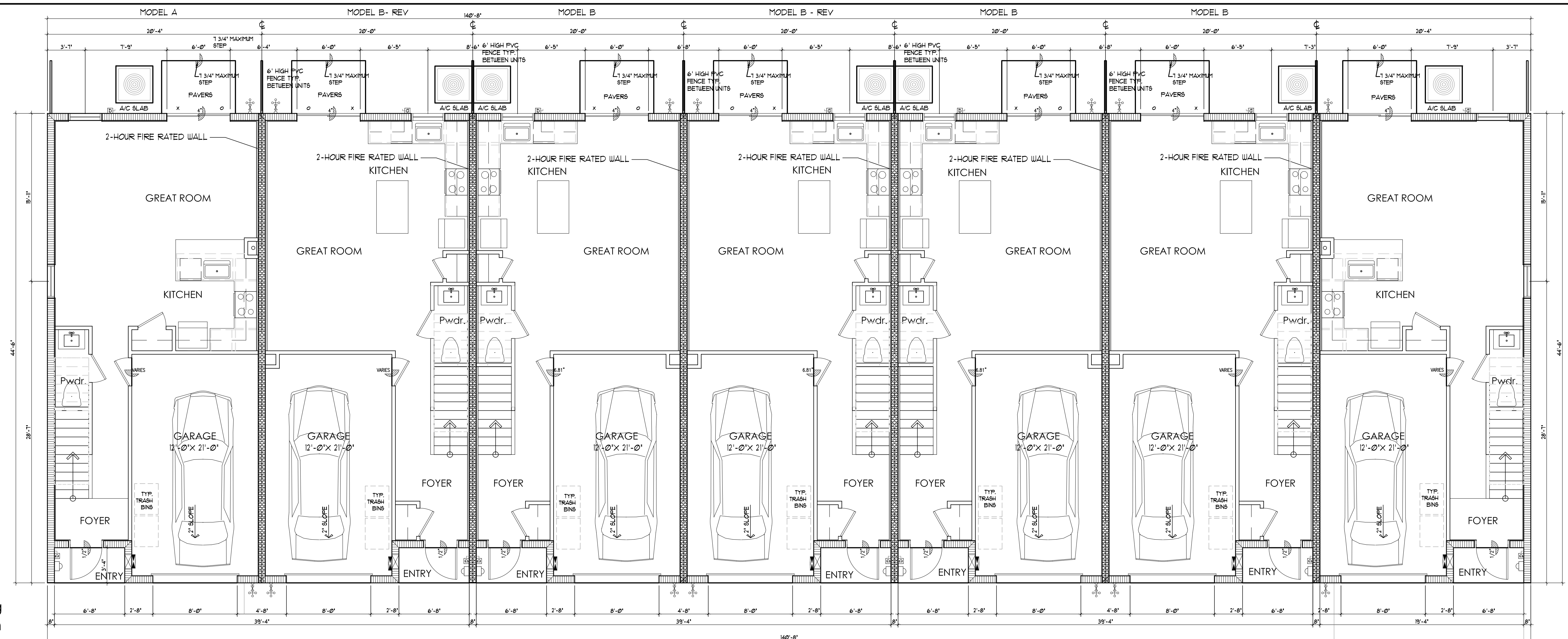
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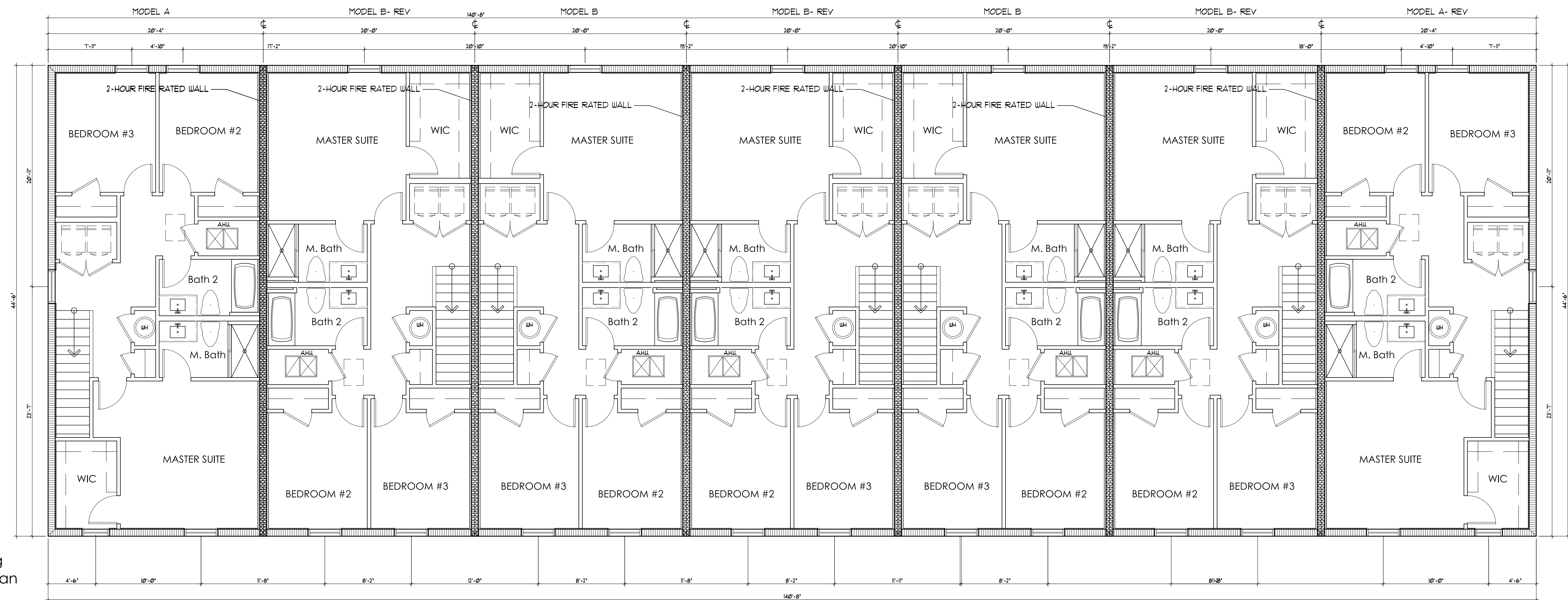
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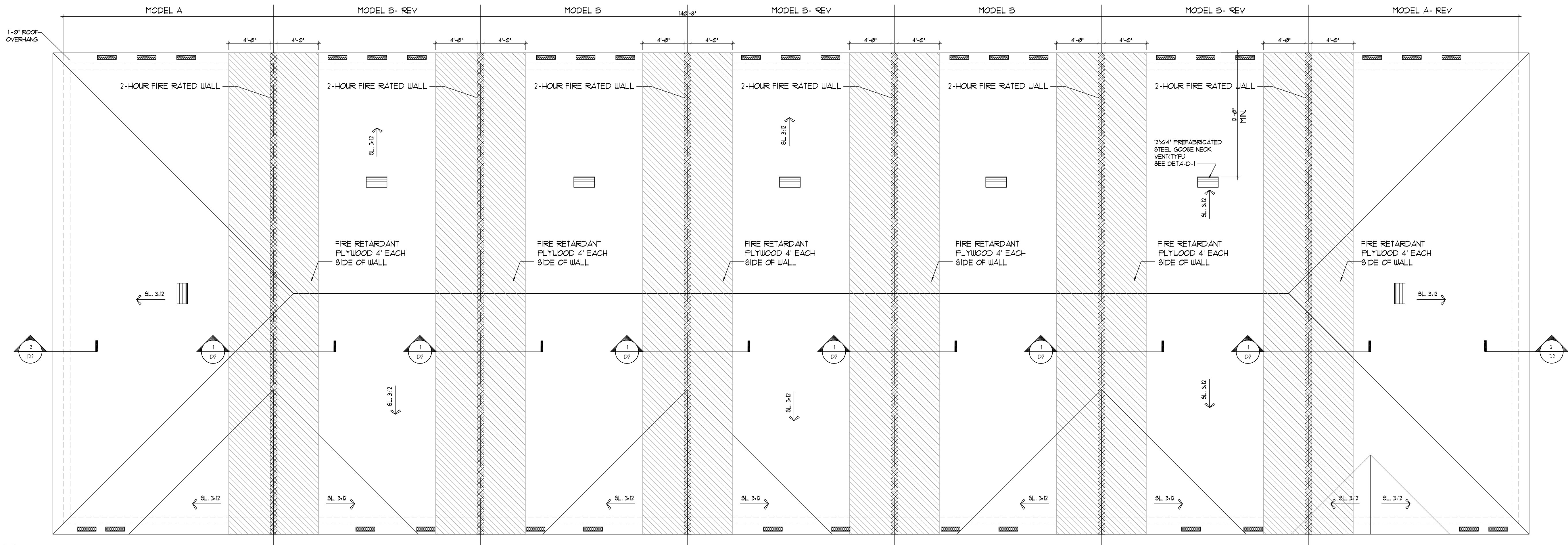


7-Unit Building First Floor Plan



7-Unit Building Second Floor Plan

7-Unit Building
Roof Plan



THE RAKE BEAMS MUST EXTEND TO THE BACKSIDE OF THE FACIA FOR THE 2-HOUR WALL UNIT SEPARATION SEE DET.2/D-1 (TYPICAL)
NO OPENING OR PENETRATIONS PERMITTED IN THE ROOF W/ IN 4'-0" OF COMMON WALLS AS PER FBC R302.2(2).

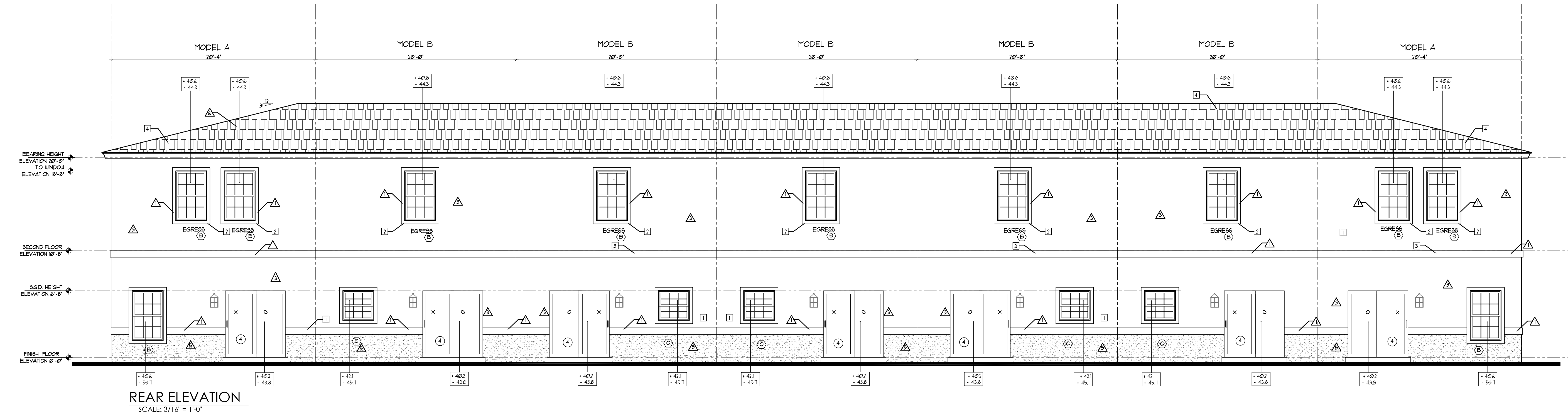
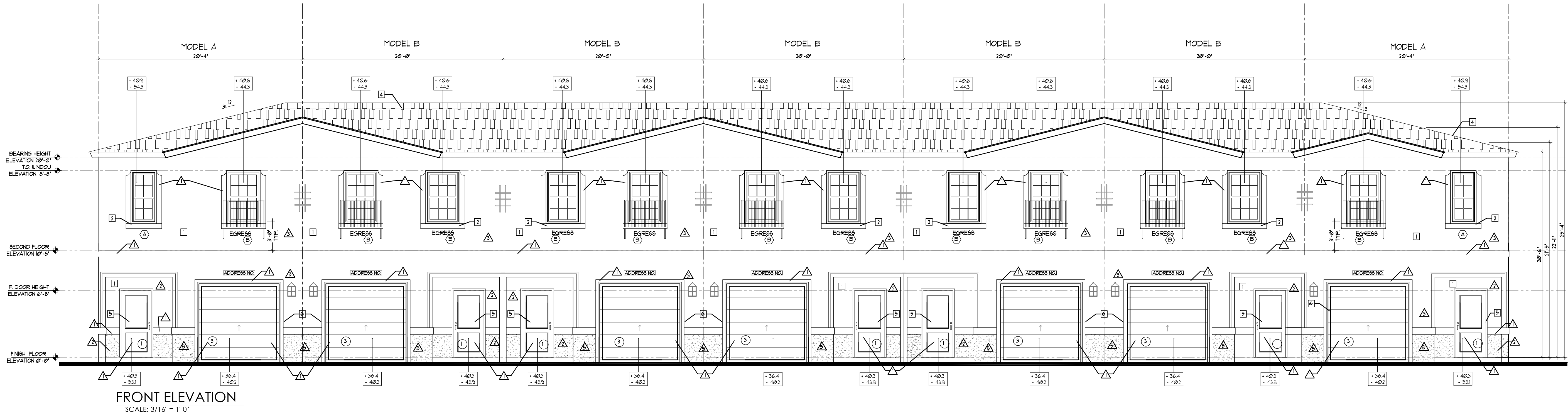
2-HOUR-RATED WALL

2-HOUR-RATED WALL
SOFFIT VENT CALCULATIONS
SOFFIT VENT CALCULATIONS ARE AS FOLLOWS PER 6TH EDITION 2017 FBC (MIN. 1/300 OF CEILING AREA) WHEN 50% OF THE REQUIRED VENT. AREA PROVIDE BY VENTILATOR AT LEAST 3' ABOVE EAVE
302 SQ. FT. = 3.0 SQ. FT.
300
SOFFIT VENTS:
SIZE OF VENT = $5 \times 22 = .764$ SQ. FT./VENT
50%/3.0 SQ. FT. = 15 SQ. FT. / .764 = 19 VENTS OF 5"X 22"
19 VENTS / 4 CLEAR OPENING = 4.8 VENTS (5 VENTS)
5 VENTS PROVIDED
15 SQ. FT. : 15 SQ. FT. TO BE PROVIDED BY GOOSE NECKS
GOOSE NECK VENTS:
SIZE OF VENT = $12 \times 24 = 2$ SQ. FT./VENT - 1 VENT PROVIDED
144

KEY NOTES	
1	TEXTURED GENTLESTAIN FINISH
2	HARD COATED 4" EPS BAND (1" THICK STANDARD)
3	HARD COATED 8" EPS BAND (1" THICK STANDARD)
4	SHINGLES ROOF
5	FRONT DOOR: METAL
6	GARAGE DOOR: METAL

OUTLOOKERS DETAIL STYROFOAM AND GLUED AS PER MANUFACTURE SPECIFICATION
FOAM OUTLOOKER DETAIL MANUFACTURER: FYPON

LOCATION	COLOR SCHEME 1		COLOR SCHEME 2	
	COLOR	MANUFACTURER	COLOR	MANUFACTURER
BODY	CREAMY (SW 702)	SHERWIN WILLIAMS	DRIFT OF MIST (SW 9166)	SHERWIN WILLIAMS
BELOW BAND	TAUPE TONE (SW 1633)	SHERWIN WILLIAMS	FELTED WOOL (SW 9171)	SHERWIN WILLIAMS
TRIM & FASCIA	ACCESSIBLE BEIGE (SW 1036)	SHERWIN WILLIAMS	SKYLINE STEEL (SW 1015)	SHERWIN WILLIAMS
FRONT DOOR	LABRADORITE (SW 1619)	SHERWIN WILLIAMS	INTERESTING AQUA (SW 220)	SHERWIN WILLIAMS
GARAGE & CORBEL (PER ELEVATION)	ANONYMOUS (SW 1046)	SHERWIN WILLIAMS	BLACK BEAN (SW 6006)	SHERWIN WILLIAMS



ISSUANCE FOR

☐ BIDDING ☐ CONSTRUCTION ☐ PERMIT

Edw
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Silva

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by Edward Silva
Date:
2021.03.03
15:51:46 -05'00'

REV 1
REV 2
REV 3
REV 4

AFFIX SEAL HERE

Client:
Address:
Address:
Phone:
Plan:

ELEVATIONS
HIGHLAND OAKS- 7 UNIT BUILDING

Job No.:
Drawn By:
Scale:
Date:

3/16"=1'-0"
03-01-21

Lot:
Block:

EDWARD SILVA, ARCHITECT

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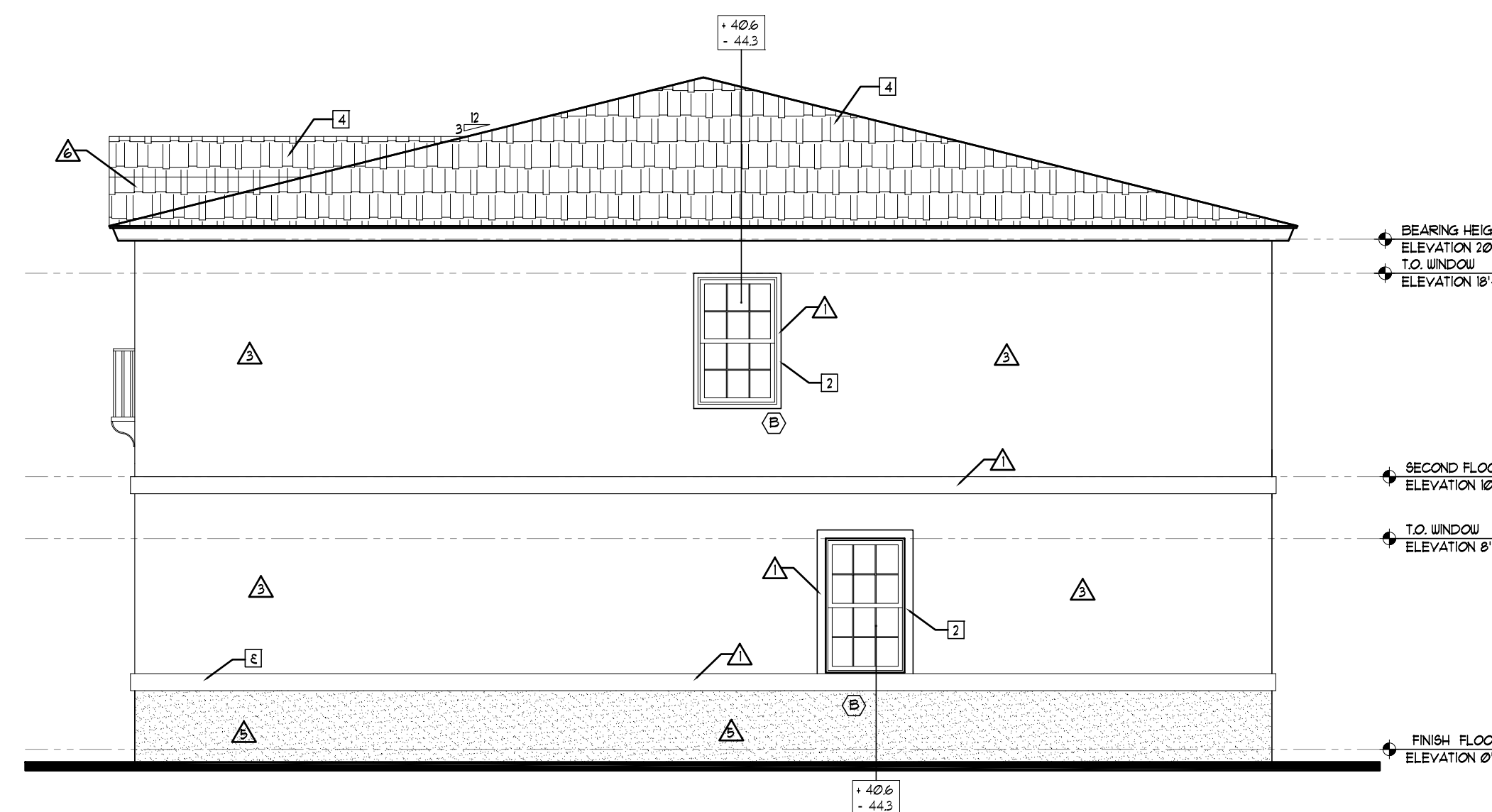
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Design Group, Inc.

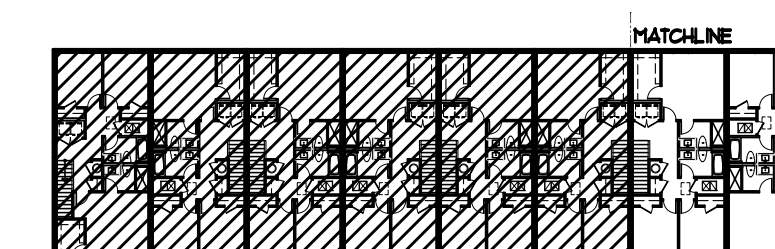
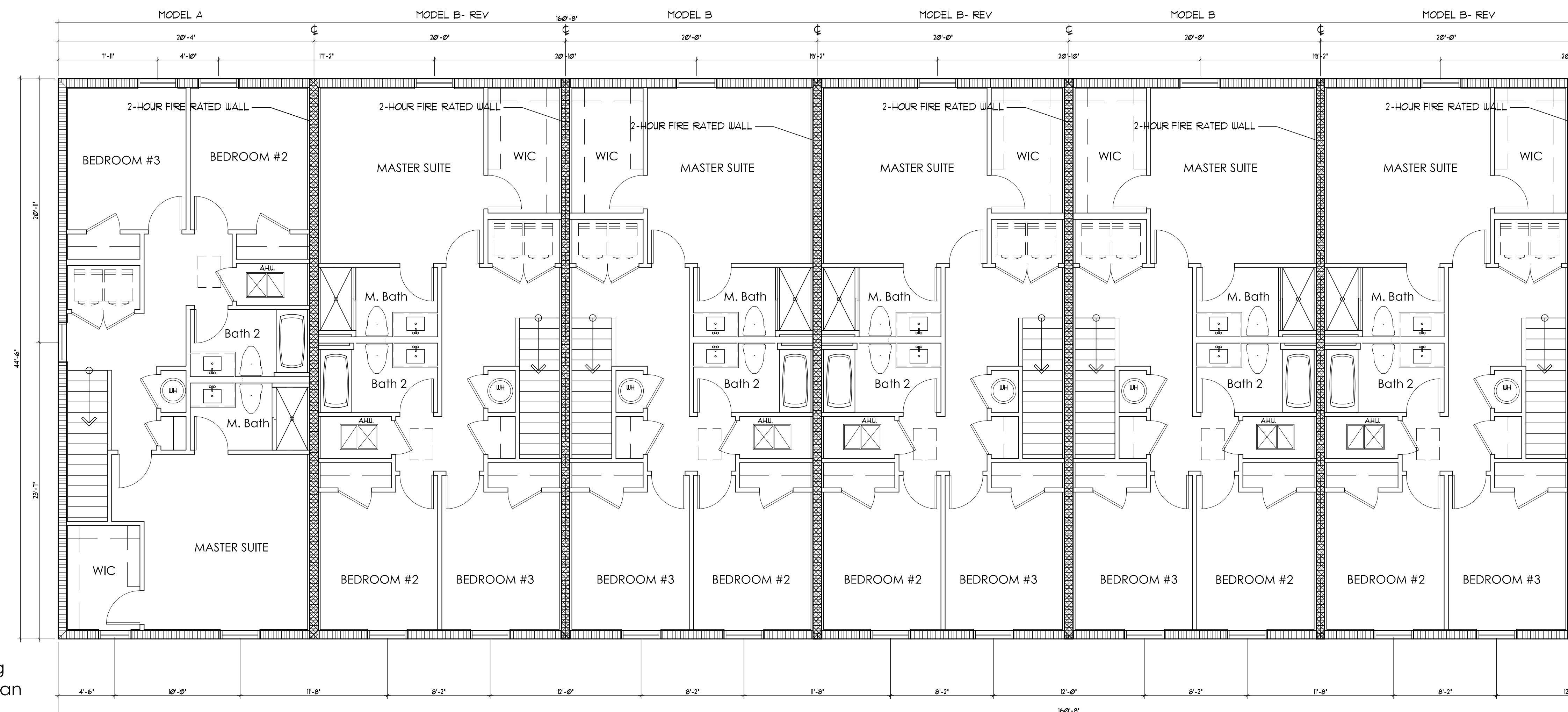
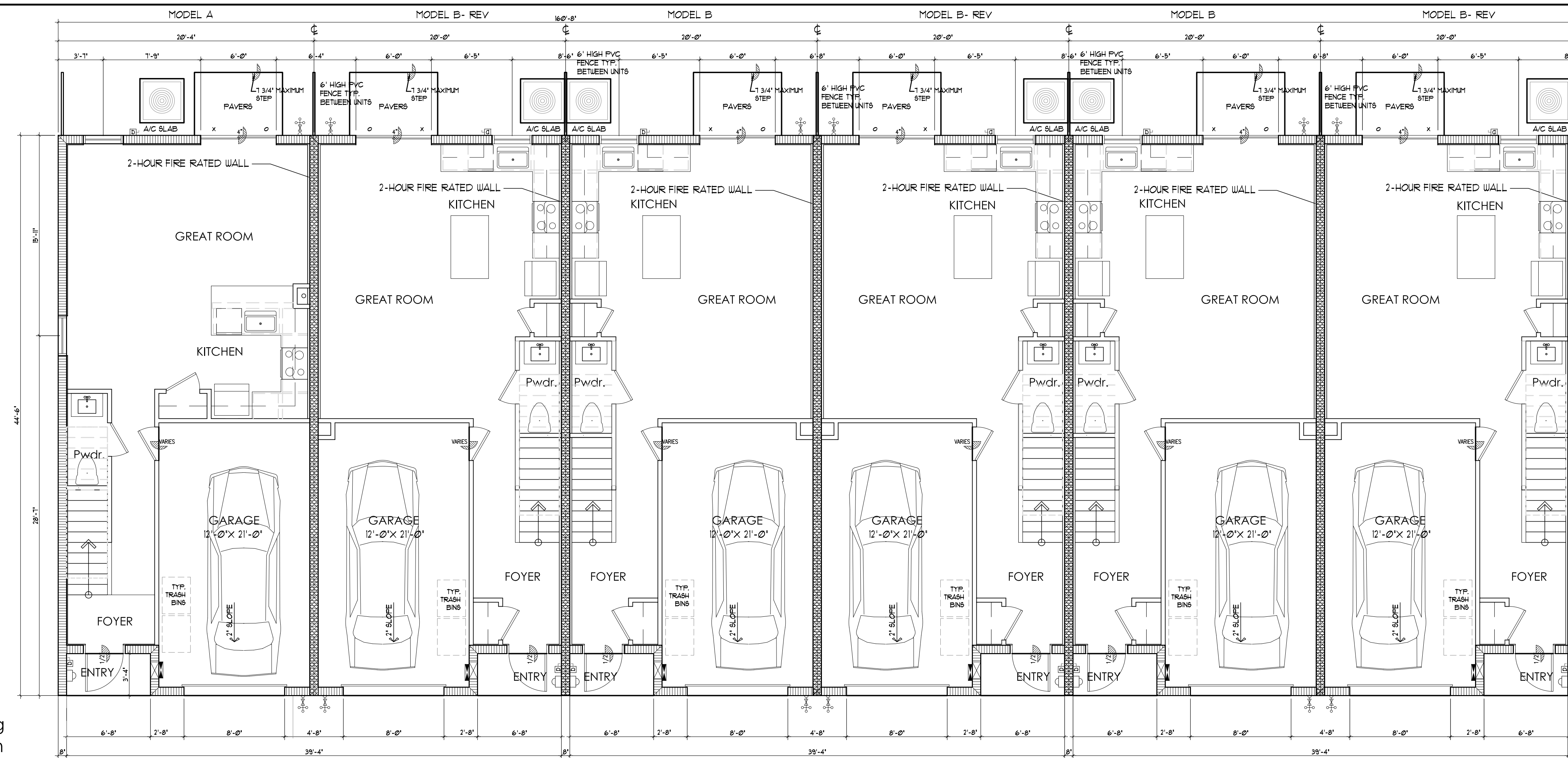
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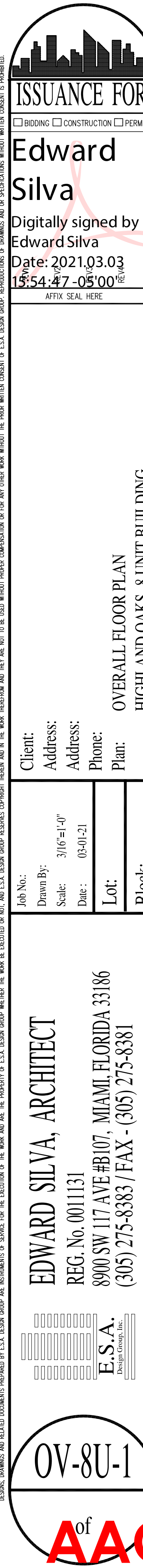
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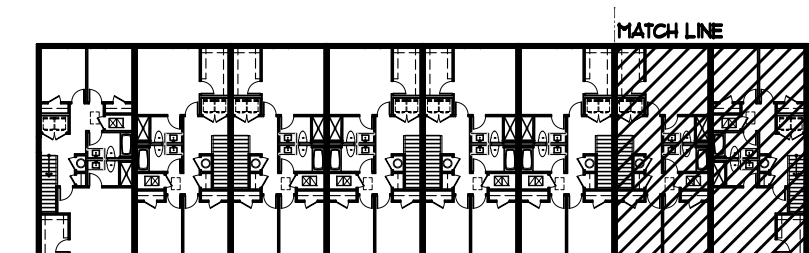
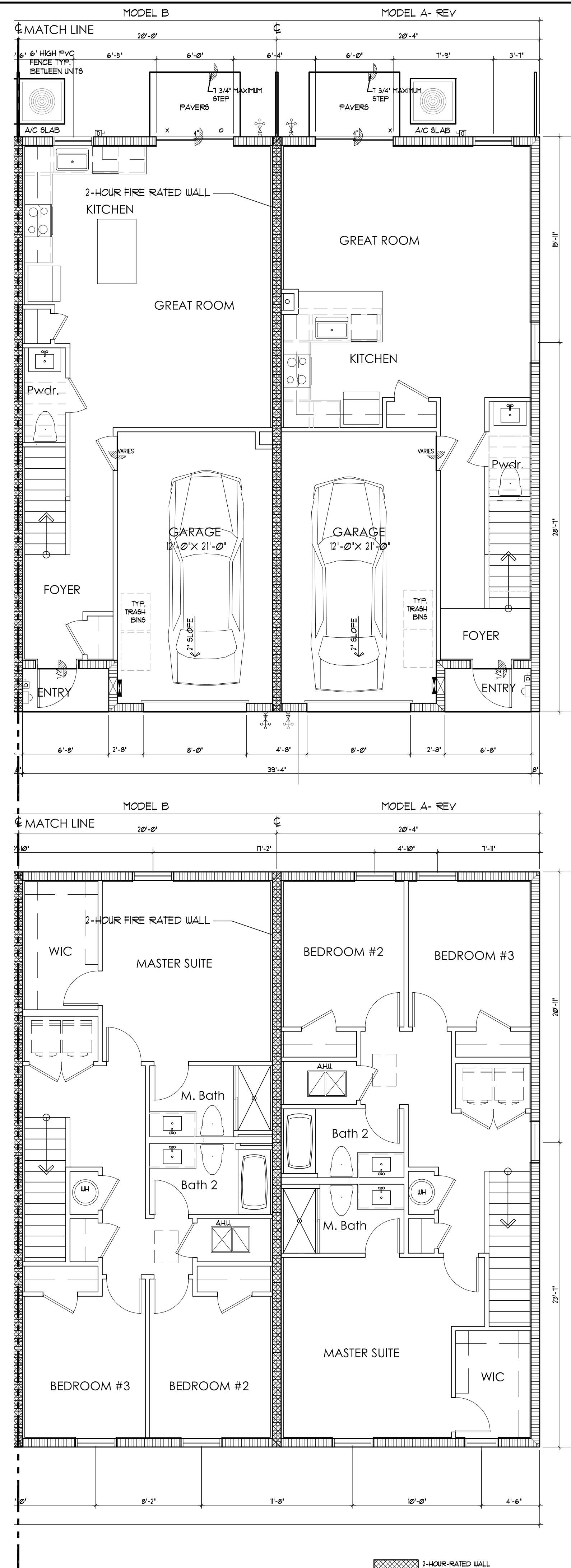
RIGHT ELEVATION
SCALE: 3/16" = 1'-0"

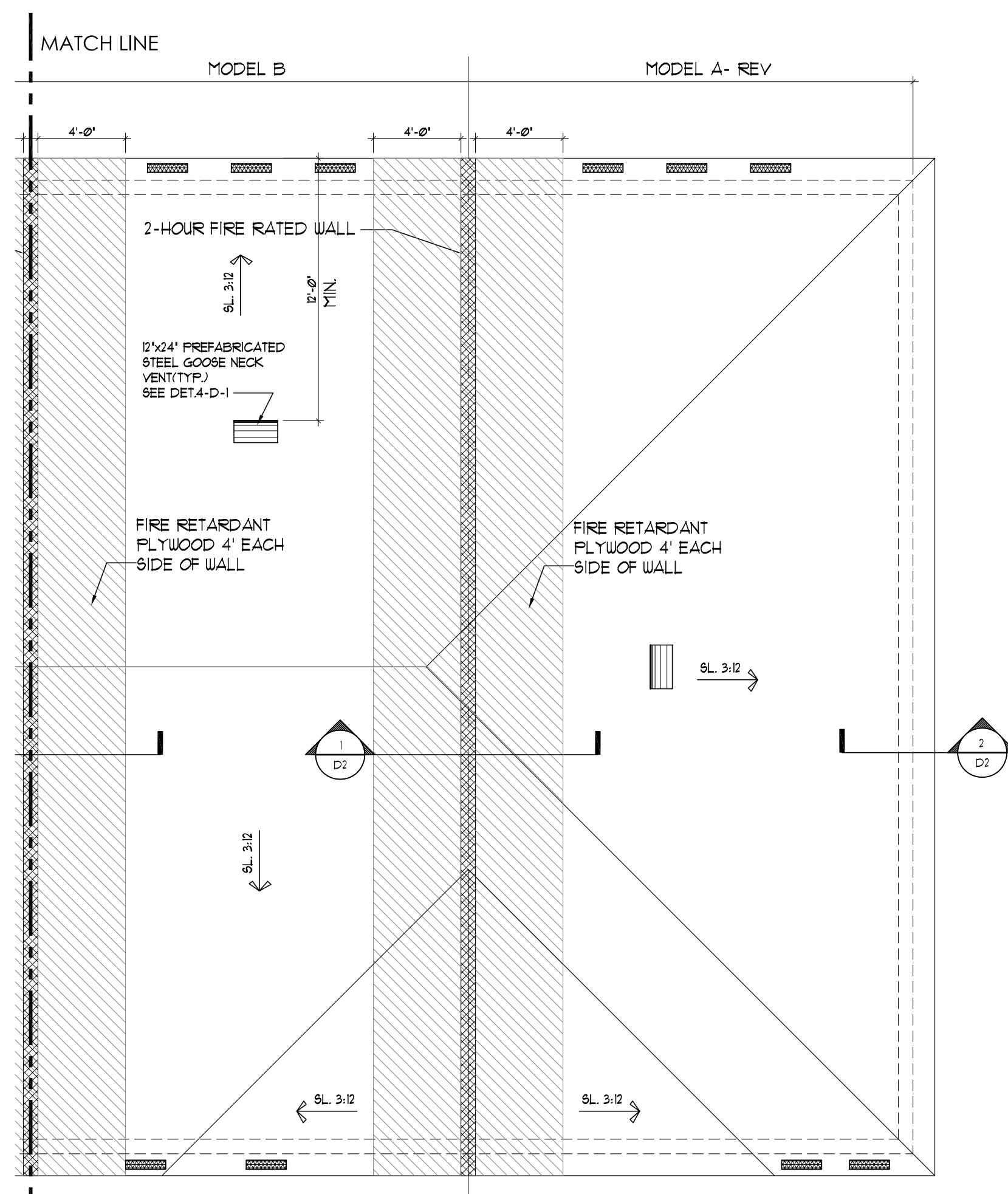
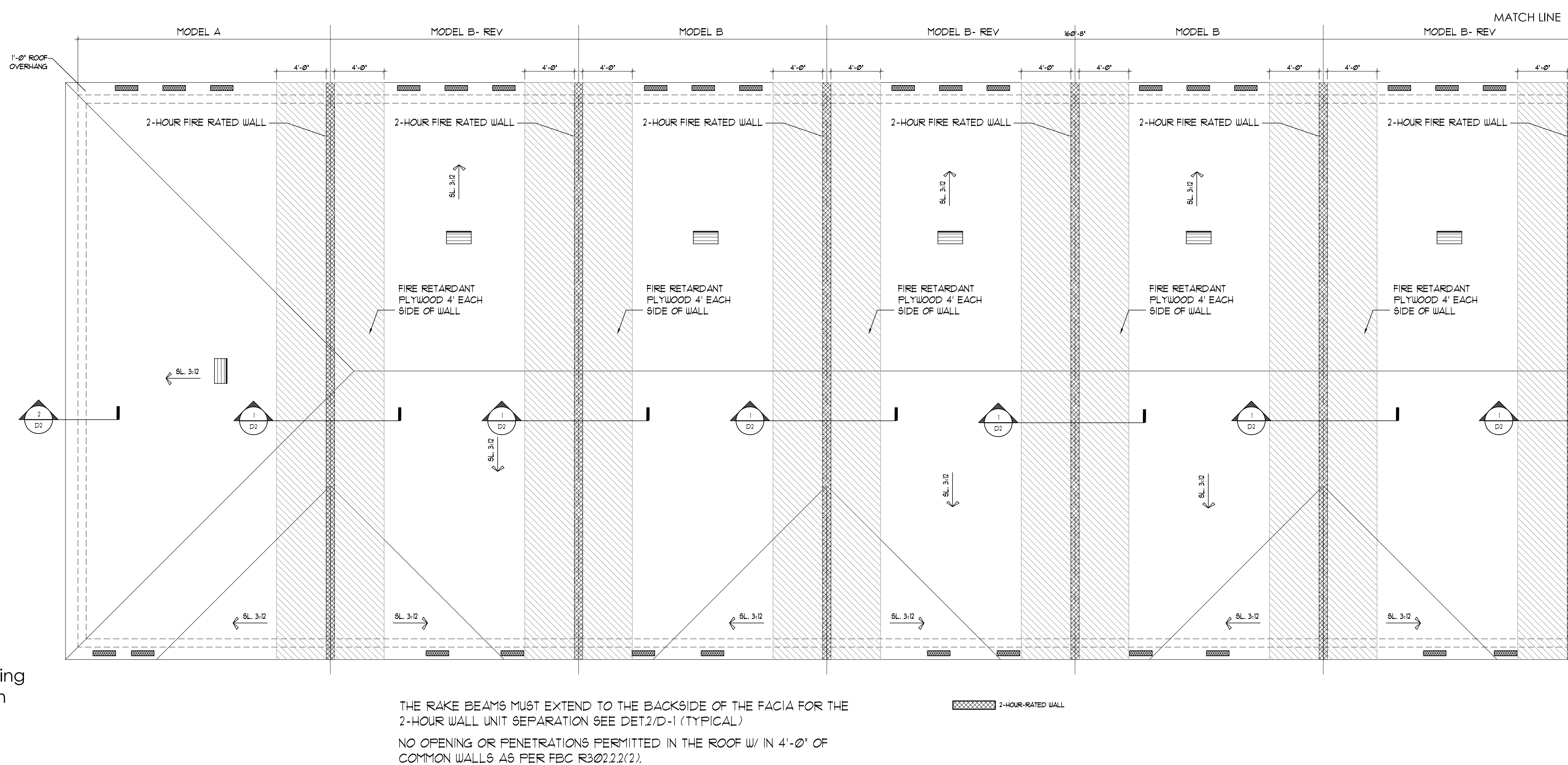


1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$. It is shown that the solutions of the system (1) are bounded and tend to zero as $t \rightarrow \infty$ if and only if the matrix A is Hurwitz. The second part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$ if the matrix A is not Hurwitz. It is shown that the solutions of the system (1) are bounded and tend to zero as $t \rightarrow \infty$ if and only if the matrix A is Hurwitz.



8-Unit Building Second Floor Plan





2 HOUR-RATED WALL

SOFFIT VENT CALCULATIONS

SOFFIT VENT CALCULATIONS ARE AS FOLLOWS PER 6TH EDITION 2010
FBC (MIN 1/3200 OF CEILING AREA) WHEN 50% OF THE REQUIRED
VENT AREA PROVIDED BY VENTILATOR AT LEAST 3' ABOVE EAVE

$305 \text{ SQ. FT.} = 3.0 \text{ SQ. FT.}$
 $\frac{300}{144}$
SOFFIT VENTS:

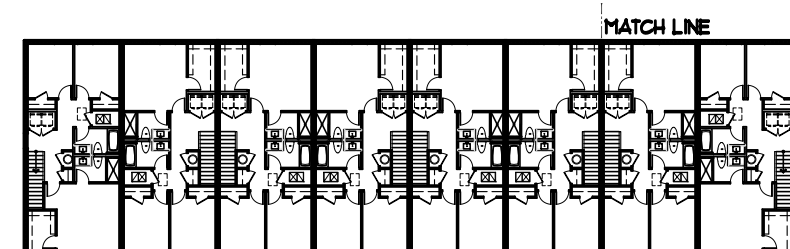
SIZE OF VENT = $5 \times \frac{300}{144} = .764 \text{ SQ. FT./VENT}$

$50\% 3.0 \text{ SQ. FT.} = 1.5 \text{ SQFT.} / .764 = 19 \text{ VENTS OF } 5' \times 22'$

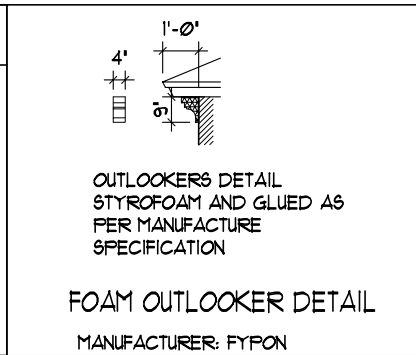
19 VENTS / 4 CLEAR OPENG = 4.8 VENTS (5 VENTS)
5 VENTS PROVIDED

15 SQ. FT. / 15 SQ. FT. TO BE PROVIDED BY GOOSE NECKS
GOOSE NECK VENTS:

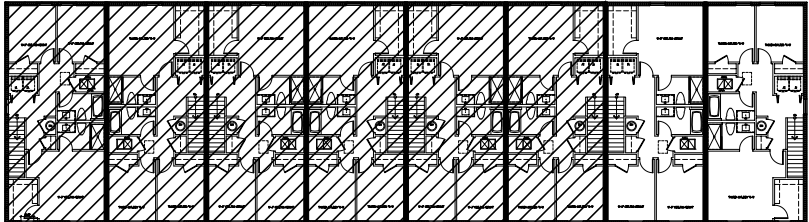
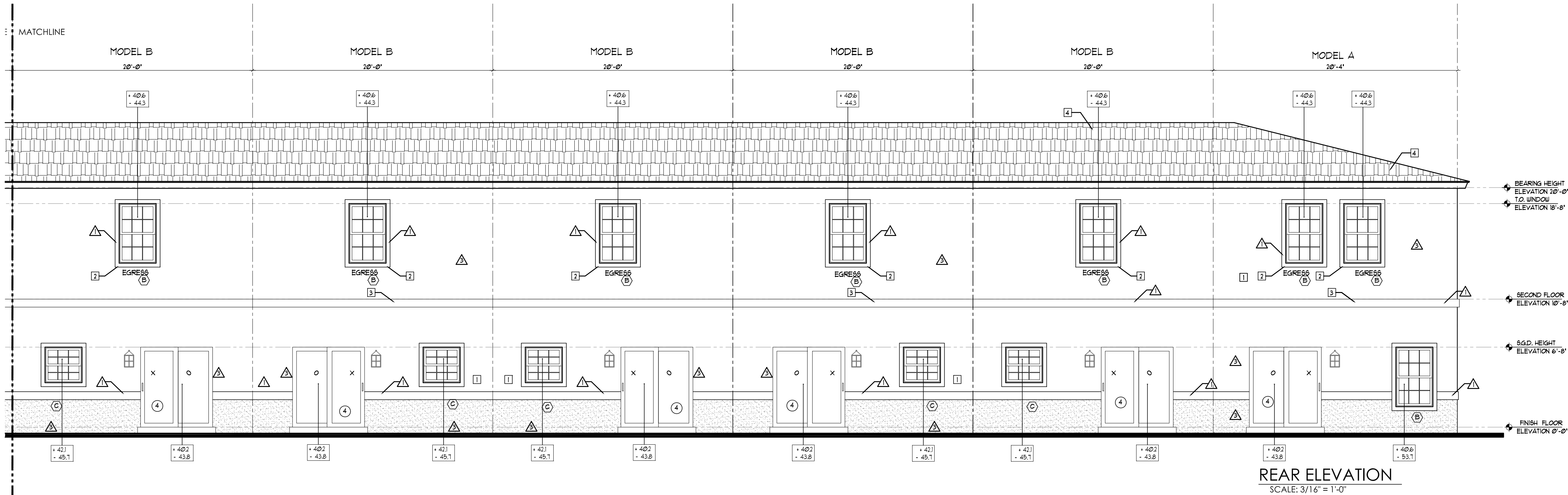
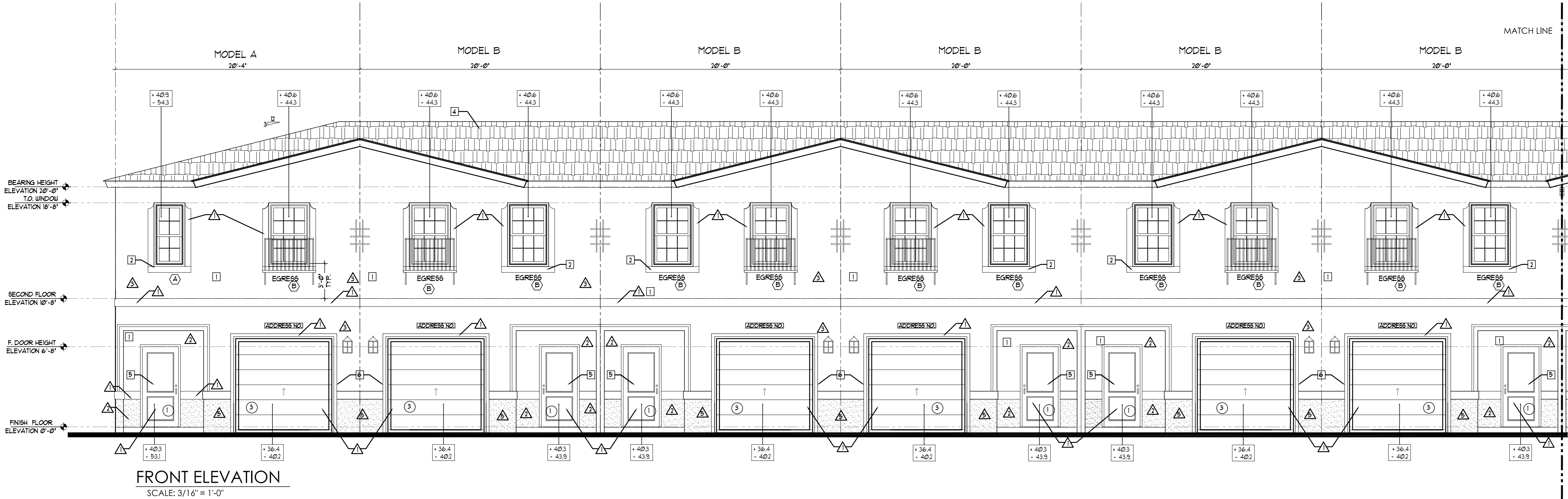
SIZE OF VENT = $\frac{15 \times 24}{144} = 2 \text{ SQ. FT./VENT - 1 VENT PROVIDED}$
 $\frac{144}{144}$



KEY NOTES	
1	TEXTURED CEMENTITIOUS FINISH
2	HARD COATED 4" EPS BAND (1" THICK STANDARD)
3	HARD COATED 8" EPS BAND (1" THICK STANDARD)
4	SHINGLES ROOF
5	FRONT DOOR: METAL
6	GARAGE DOOR: METAL



LOCATION	COLOR SCHEME 1		COLOR SCHEME 2	
	COLOR	MANUFACTURER	COLOR	MANUFACTURER
BODY	CREAMY (SU 702)	SHERWIN WILLIAMS	DRIFT OF MIST (SU 966)	SHERWIN WILLIAMS
BELOW BAND	TAUPE TONE (SU 7633)	SHERWIN WILLIAMS	FELTED WOOL (SU 917)	SHERWIN WILLIAMS
TRIM + FASCIA	ACCESSIBLE BEIGE (SU 1036)	SHERWIN WILLIAMS	SKYLINE STEEL (SU 1015)	SHERWIN WILLIAMS
FRONT DOOR	LABRADORITE (SU 1619)	SHERWIN WILLIAMS	INTERESTING AQUA (SU 220)	SHERWIN WILLIAMS
GARAGE + CORBEL (PER ELEVATION)	ANONYMOUS (SU 1046)	SHERWIN WILLIAMS	BLACK BEAN (SU 6006)	SHERWIN WILLIAMS



Edward Silva

Digitally signed by Edward Silva
Date: 2021.03.03 15:58:24 -05'00'

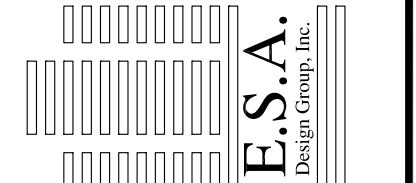
REV 1
REV 2
REV 3
REV 4

AFFIX SEAL HERE

Client: Address: Address: Phone: Plan: ELEVATIONS HIGHLAND OAKS- 8 UNIT BUILDING

Job No.: 3/16"=1'-0"
Drawn By: 03-01-21
Scale: 03-01-21
Lot: Block:

EDWARD SILVA, ARCHITECT
REG. No. 0011131
8900 SW 117 AVE #B107, MIAMI, FLORIDA 33186
(305) 275-8383 / FAX - (305) 275-8381



OV-8U-4



PZ13-12000041
5/4/21



PZ13-12000041
5/4/21

SCALE: 3/16" = 1'-0"

SCALE: 3/16" = 1'-0"

REAR ELEVATION
SCALE: 3/16" = 1'-0"

RIGHT ELEVATION
SCALE: 3/16" = 1'-0"

