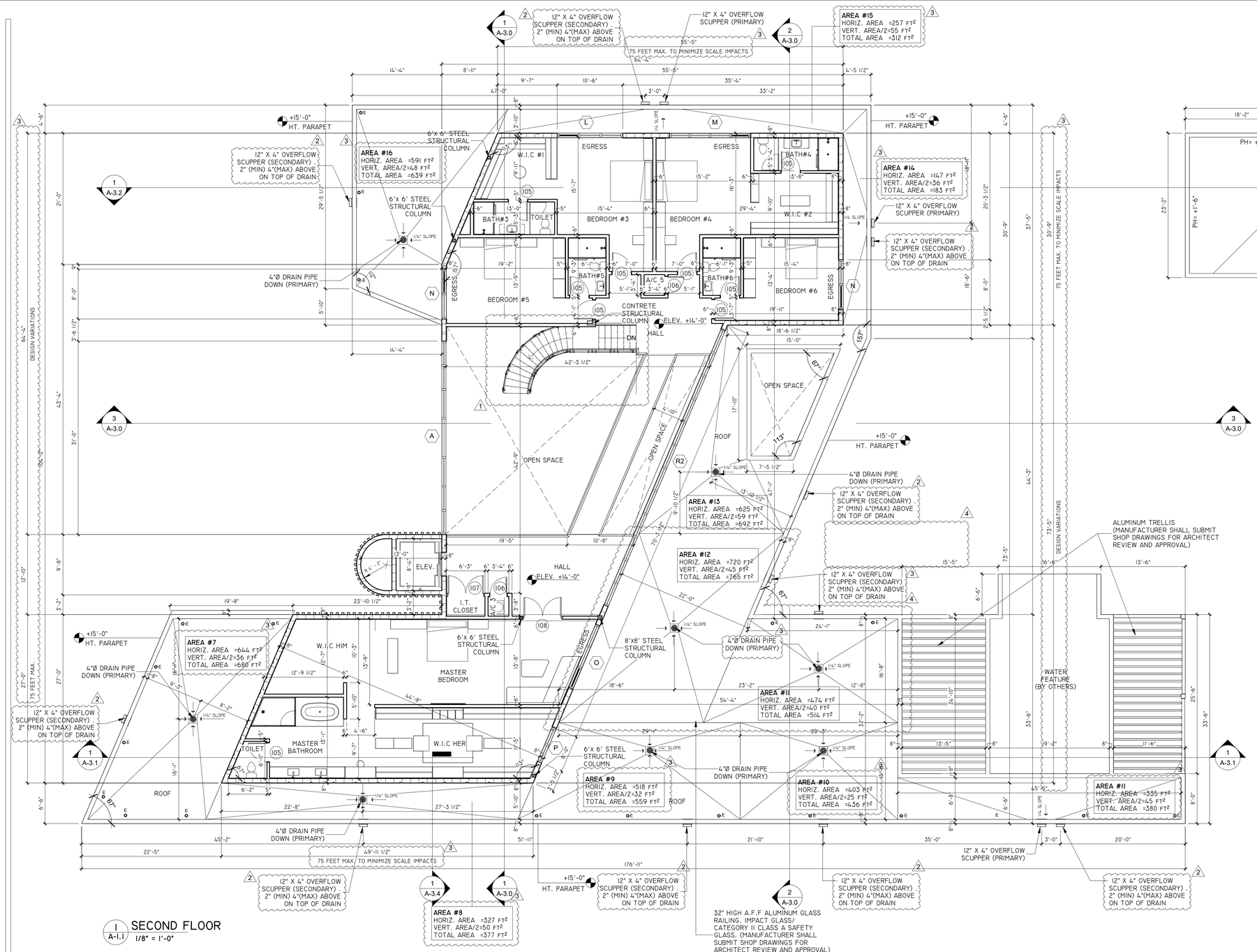

1 A-1.1 SECOND FLOOR
1/8" = 1'-0"

WALL LEGEND

- CMU 8"
- PARTITION 6" NON RATED PARTITION
- PARTITION 4" NON RATED PARTITION
- X — WALL TYPE (SEE DETAILS)

NOTE :
ALL EGRESS WINDOWS TO COMPLY W/ FBC 7TH EDITION 2020: AN OUTSIDE WINDOW OR DOOR OPERABLE FROM THE INSIDE WITHOUT THE USE OF TOOLS AND PROVIDING A CLEAR OPENING OF NOT LESS THAN 20" WIDE X 24" HIGH AND 5.7 SQ. FT. IN AREA. THE BOTTOM OF THE OPENING SHALL NOT BE MORE THAN 44" OFF THE FLOOR. THE MODE OF OPERATION MUST NOT REQUIRE THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT TO MAKE AVAILABLE THE REQUIRED CLEAR OPENING, AND NO PART OF THE OPERATION MECHANISM SHALL BE PLACED HIGHER THAN 54" ABOVE THE FINISHED FLOOR.

WALL AND CEILING FINISHES NOTE:

1. WALL AND CEILING FINISHES SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 200 PER F.B.C. R302.9.1
2. WALL AND CEILING FINISHES SHALL HAVE A SMOKE DEVELOPED INDEX NOT GREATER THAN 450 AS PER F.B.C. R302.9.2
3. INSULATION MATERIALS SHALL HAVE A FLAME SPEAD INDEX OF NOT MORE THAN 25 & A SMOKE DEVELOPED INDEX OF NOT MORE THAN 450 PER R302.10.1 F.B.C.

TABLE 1106.7
SIZING SCUPPERS FOR A-5 INCH PER HOUR RATE OF RAINFALL

HEAD IN INCHES	HORIZONTALLY PROJECTED ROOF AREA (SQUARE FEET) LENGTH OF WEIR IN INCHES						
	4	6	8	12	16	20	24
1	230	346	461	692	923	1153	1384
2	641	961	1282	1923	2564	3205	3846
3	1153	1730	2307	3461	4615	5769	6923
4	1794	2692	3589	5384	7179	8974	10,769

TABLE 1106.2
STORM DRAIN PIPE SIZING

PIPE SIZE (inches)	CAPACITY (gpm) VERTICAL DRAIN	SLOPE OF HORIZONTAL DRAIN 1/16 inch per foot	1/8 inch per foot	1/4 inch per foot	1/2 inch per foot
2	34	15	22	31	44
3	87	39	55	79	111
4	180	81	115	163	231
5	311	117	165	234	331
6	538	243	344	487	689
8	1,117	505	714	1,010	1,429
10	2,050	927	1,311	1,855	2,623
12	3,272	1,480	2,093	2,960	4,187
15	5,543	2,508	3,546	5,016	7,093

For SI:1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 gallon per minute = 3.785 L/m.

A/C AREA SCHEDULE SECOND FLOOR

Number	Name	Area	Level
24	BEDROOM #3	296.85 ft²	SECOND FLOOR
25	W.I.C #1	120.14 ft²	SECOND FLOOR
26	BEDROOM #4	297.00 ft²	SECOND FLOOR
27	BATH#4	58.33 ft²	SECOND FLOOR
28	BATH#3	53.04 ft²	SECOND FLOOR
29	BEDROOM #5	294.90 ft²	SECOND FLOOR
30	BATH#5	63.51 ft²	SECOND FLOOR
31	BEDROOM #6	238.67 ft²	SECOND FLOOR
32	BATH#6	63.51 ft²	SECOND FLOOR
33	MASTER BEDROOM	472.40 ft²	SECOND FLOOR
34	W.I.C #2	146.23 ft²	SECOND FLOOR
35	W.I.C HER	329.50 ft²	SECOND FLOOR
36	W.I.C HIM	197.28 ft²	SECOND FLOOR
38	HALL	617.63 ft²	SECOND FLOOR
39	MASTER BATHROOM	251.98 ft²	SECOND FLOOR
40	A/C 5	14.53 ft²	SECOND FLOOR
41	A/C 3	13.10 ft²	SECOND FLOOR
42	TOILET	23.78 ft²	SECOND FLOOR
43	I.T. CLOSET	21.92 ft²	SECOND FLOOR
44	TOILET	24.55 ft²	SECOND FLOOR
45	TOILET	36.15 ft²	SECOND FLOOR
Total: 21		3634.99 ft²	

NON A/C AREA SCHEDULE SECOND FLOOR

Number	Name	Area	Level
37	ELEV.	72.39 ft²	SECOND FLOOR
Total: 1		72.39 ft²	

ROOF AREAS

GPM=AREA 7 x 0.052, FBC P 1101.7 C
GPM=680 SQ. FT. x 0.052
GPM=36.0

GPM=AREA 8 x 0.052, FBC P 1101.7 C
GPM=377 SQ. FT. x 0.052
GPM=20

GPM=AREA 9 x 0.052, FBC P 1101.7 C
GPM=559 SQ. FT. x 0.052
GPM=29

GPM=AREA 10 x 0.052, FBC P 1101.7 C
GPM=436 SQ. FT. x 0.052
GPM=23

GPM=AREA 11 x 0.052, FBC P 1101.7 C
GPM=380 SQ. FT. x 0.052
GPM=20

GPM=AREA 12 x 0.052, FBC P 1101.7 C
GPM=692 SQ. FT. x 0.052
GPM=36

GPM=AREA 13 x 0.052, FBC P 1101.7 C
GPM=183 SQ. FT. x 0.052
GPM=10

GPM=AREA 14 x 0.052, FBC P 1101.7 C
GPM=312 SQ. FT. x 0.052
GPM=16

GPM=AREA 15 x 0.052, FBC P 1101.7 C
GPM=639 SQ. FT. x 0.052
GPM=32

TABLE 1106.3
VERTICAL LEADER SIZING

SIZE OF LEADER (inches)	CAPACITY (gpm)
2	30
2 x 2	30
1½ x 2½	30
2½	54
2½ x 2½	54
3	92
2 x 4	92
2½ x 3	92
4	192
3 x 4½	192
3½ x 4	192
5	360
4 x 5	360
4½ x 4½	360
6	563
5 x 6	563
5½ x 5½	563
8	1208
6 x 8	1208

For SI:1 inch = 25.4 mm, 1 gallon per minute = 3.785 L/m.

REVISIONS

Rev.	Description	Date
1	Building Comment	10-5-2023
2	Building Comment	02-26-2024
3	Zoning Comment	03-27-2024
4	Zoning Comment	05-03-2024

JORGE L VILLAVICENCIO
Digitally signed by JORGE L VILLAVICENCIO
Date: 2024.06.13 10:36:50 -04'00'

FIDANZA'S FAMILY HOUSE
NEW CONSTRUCTION
11041 SW 77TH AVE, VILLAGE OF PINECREST, FL 33156

Construction Industry Licensed Contractor CGC1516665 CCC1330589 STATE OF FLORIDA VILLAVICENCIO JORGE LUIS R0012110 REGISTERED ARCHITECT

VILLA & ASSOCIATES INC.
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TEL. 305-613-0865 - E-Mail JvillarchitectT@gmail.com
CONSULTANT : ARCHI-TEK STUDIO CORP.
TEL. 305-799-8016 - E-Mail magullar@architekstudio.com

DATE: 10-20-2022
SCALE: AS SHOWN
PROJECT NO: SECOND FLOOR PLAN
DRAWING NO : A-1.1