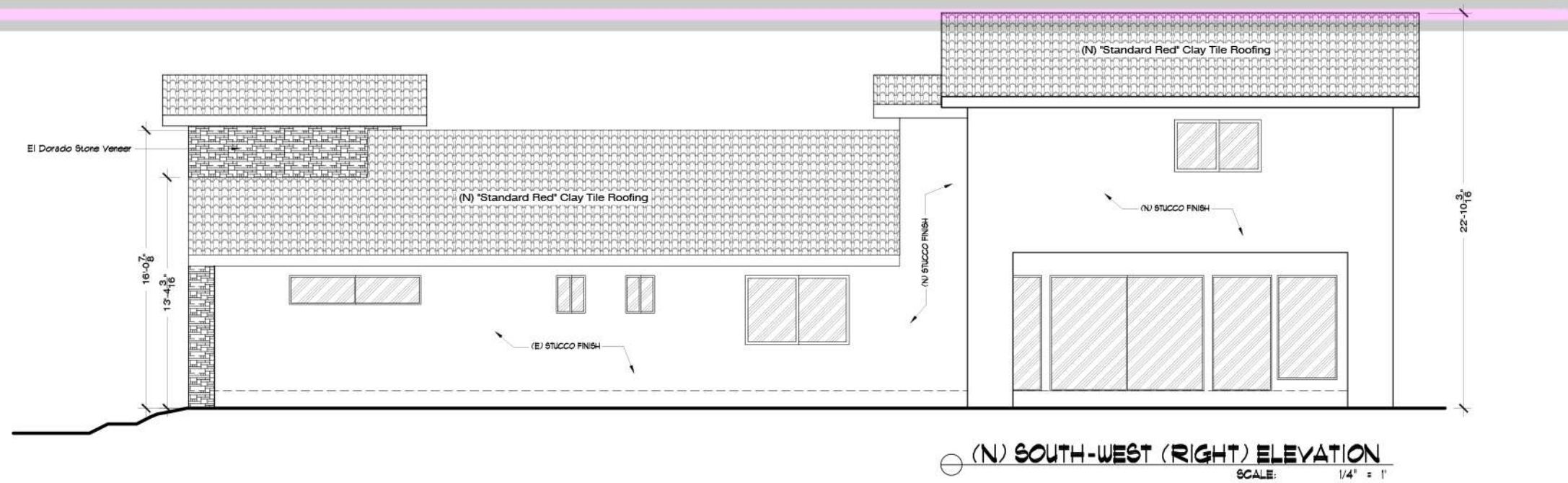
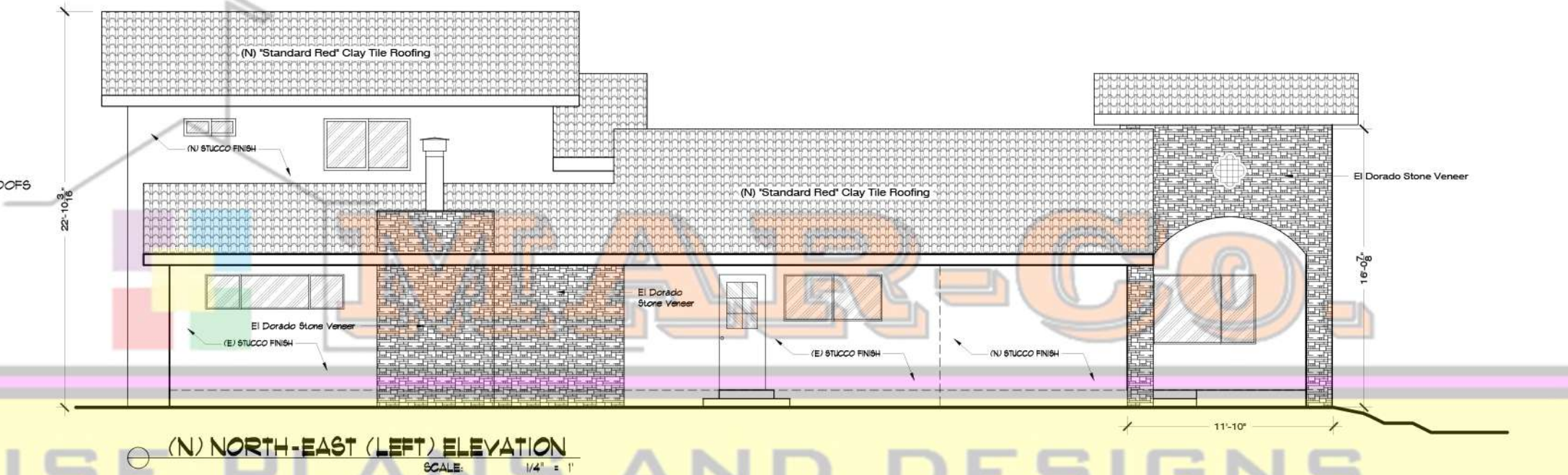


ATTIC VENT CALCULATION @ (E) HOUSE (N) ROOF:
 1,934 SQ. FT./150 = 12.89 SQ. FT. OF VENT REQUIRED
 USING 3-12X18 VENTS = 4.5 SQ. FT.
 PLUS 14-MODEL 'M' or 'S' STYLE VENTS FOR CLAY TILE ROOFS
 14x86.25 SQ. IN. = 1207.5 SQ. IN. or 8.39 SQ. FT.
 TOTAL VENT PROVIDED = 12.89 SQ. FT.

ATTIC VENT CALCULATIONS @ (N) 2nd. STORY ADDITION:
 ATTIC AREA = 639/150 = 4.26 SQ. FT. (REQUIRED)
 4-12X18 VENTS = 6.00 SQ. FT. (PROVIDED)

ATTIC VENT CALCULATIONS @ (N) ENTRY PORCH TOWER:
 ATTIC AREA = 130/150 = 0.86 SQ. FT. (REQUIRED)
 2-12X18 VENTS = 3.00 SQ. FT. (PROVIDED)



GAS PIPE DESIGN TABLE

199 100,000 Btu Tankless Water Heater

35 35,000 Btu Clothes Dryer

○ Pipe Size
□ Cubic Feet per Hour Demand

GAS PIPE SIZING			
Flow Section	Total Length	Longest Length	Longest Length Method
A	234	41 ft.	1 in.
B	35	41 ft.	1/2 in.
C	199	41 ft.	1 in.

GAS PIPING (T12-8 Portion)	
Pipe Length (in feet)	Demand Capacity (in cu.ft./hr)
10	20 30 40 50 60 70 80 90 100 120 150
1 1/2"	725 1185 1585 1985 2385 2785 3185 3585 3985 4385 4785 5185 5585 5985 6385 6785 7185 7585 7985 8385 8785 9185 9585 9985
3/4"	360 470 580 690 800 910 1020 1130 1240 1350 1460 1570 1680 1790 1900 2010 2120 2230 2340 2450 2560 2670 2780 2890 3000 3110 3220 3330 3440 3550 3660 3770 3880 3990 4100 4210 4320 4430 4540 4650 4760 4870 4980 5090 5200 5310 5420 5530 5640 5750 5860 5970 6080 6190 6300 6410 6520 6630 6740 6850 6960 7070 7180 7290 7400 7510 7620 7730 7840 7950 8060 8170 8280 8390 8500 8610 8720 8830 8940 9050 9160 9270 9380 9490 9600 9710 9820 9930
1"	578 668 758 848 938 1028 1118 1208 1298 1388 1478 1568 1658 1748 1838 1928 2018 2108 2198 2288 2378 2468 2558 2648 2738 2828 2918 3008 3098 3188 3278 3368 3458 3548 3638 3728 3818 3908 3998 4088 4178 4268 4358 4448 4538 4628 4718 4808 4898 4988 5078 5168 5258 5348 5438 5528 5618 5708 5798 5888 5978 6068 6158 6248 6338 6428 6518 6608 6698 6788 6878 6968 7058 7148 7238 7328 7418 7508 7598 7688 7778 7868 7958 8048 8138 8228 8318 8408 8498 8588 8678 8768 8858 8948 9038 9128 9218 9308 9398 9488 9578 9668 9758 9848 9938
1 1/4"	360 470 580 690 800 910 1020 1130 1240 1350 1460 1570 1680 1790 1900 2010 2120 2230 2340 2450 2560 2670 2780 2890 3000 3110 3220 3330 3440 3550 3660 3770 3880 3990 4100 4210 4320 4430 4540 4650 4760 4870 4980 5090 5200 5310 5420 5530 5640 5750 5860 5970 6080 6190 6300 6410 6520 6630 6740 6850 6960 7070 7180 7290 7400 7510 7620 7730 7840 7950 8060 8170 8280 8390 8500 8610 8720 8830 8940 9050 9160 9270 9380 9490 9600 9710 9820 9930
1 1/2"	1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000 4200 4400 4600 4800 5000 5200 5400 5600 5800 6000 6200 6400 6600 6800 7000 7200 7400 7600 7800 8000 8200 8400 8600 8800 9000 9200 9400 9600 9800 10000

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 HOUSE PLANS & DESIGNS
 PLANS DRAFTING DESIGN 3D-BUILDING PERMITS

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 LICENSE: 16566
 WWW.MARCOHOUSEPLANS.COM
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PROJECT NAME & ADDRESS:
RESENDIZ'S ROOM ADDITION & NEW ROOF STRUCTURE
 XXX W. FELICITA AVE. ESCONDIDO, CA. 92025

CONSULTANT:

REVISIONS:
 04/11/2017

DATE: **02/23/2017**

SCALE: AS SPECIFIED

DRAWN & PREPARED BY:
 MARCO A. LAUREANO

SHEET: **A-3**
 OF: **15**