

AREA SUMMARY
TOTAL A/C LIVING AREA: 1955.00 SQ FT
ENTRANCE: 113.00 SQ FT
GARAGE: 453.00 SQ FT
LANAI: 248.00 SQ FT
TOTAL UNDER ROOF: 2769.00 SQ FT

JOB DATA
ULTIMATE DESIGN WIND SPEED : 170
NOMINAL DESIGN WIND SPEED : 132
RISK CATEGORY : 2
IMPORTANCE FACTOR : 1.0
BUILDING OCCUPANCY CLASSIFICATION: RESIDENTIAL
BUILDING CONSTRUCTION TYPE : 5B
EXPOSURE CATEGORY : C
OPENING PROTECTION :
INTERNAL PRESSURE COEFFICIENTS : +0.18, -0.18 (ENCLOSED)
FLOOR LIVE LOAD : 1/360 LIVE, 1/240 DEAD
ROOF LIVE LOAD : 1/360 LIVE, 1/240 DEAD (SUPPORTING PLASTER CEILING)
THE STRUCTURAL COMPONENTS OF THIS PLAN ARE IN COMPLIANCE WITH THE 7TH EDITION FLORIDA BUILDING CODE, WIND LOAD COMPLIANCE AND ITS RESISTANCE TO GRAVITY AND DESIGN PRESSURES GENERATED BY A WIND VELOCITY OF 170 MPH

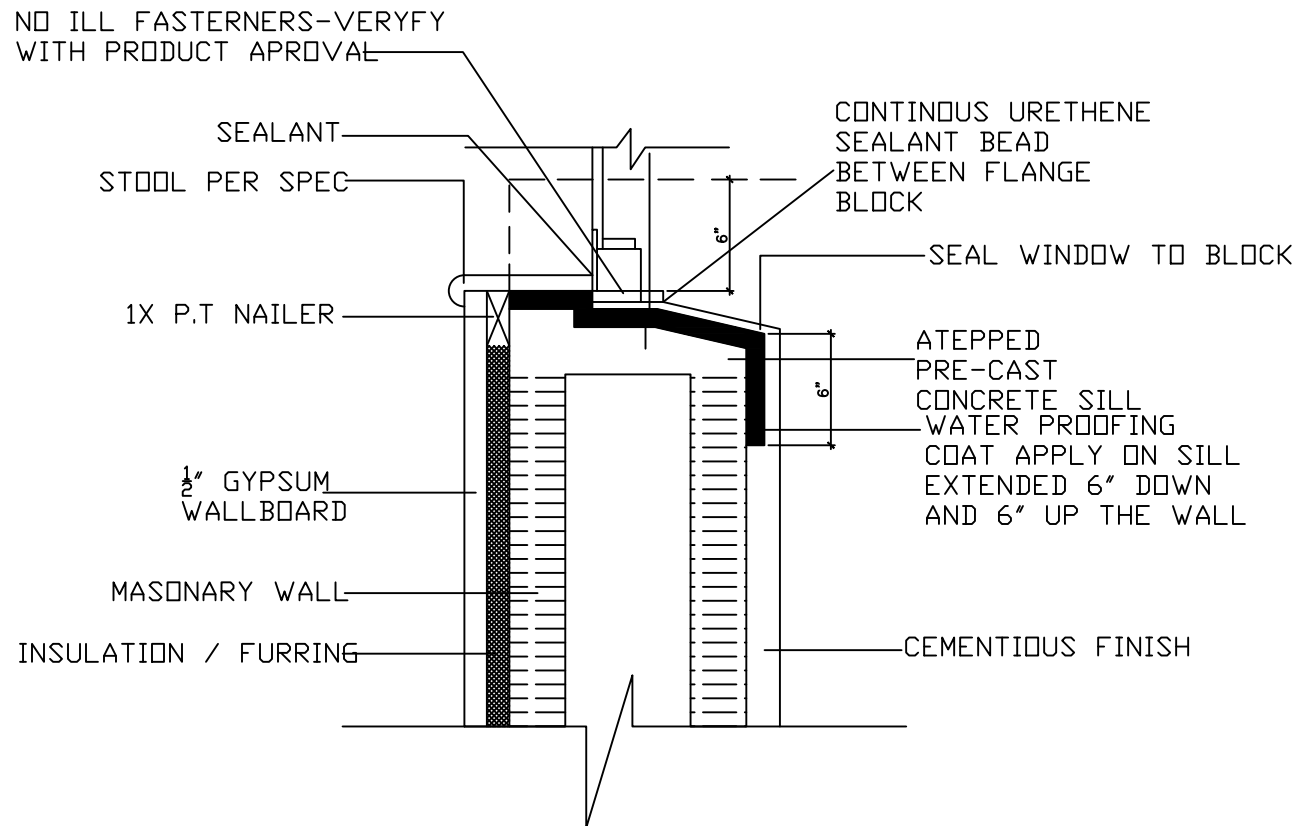
WIND VELOCITY (MPH): 170
IMPORTANCE FACTOR: 1.00
EXPOSURE CATEGORY: C
INTERNAL PRESSURE COEFFICIENT: < + -> 0.18
MEAN ROOF HEIGHT (FT): 10'-0"
BUILDING WIDTH (FT): 55'-4"
BUILDING LENGTH (FT): 56'-6"
ROOF SLOPE: 6:12
ENCLOSED STRUCTURE

DOOR SCHEDULE						
ZONE	SYMBOL	DOOR SIZE	TYPE	REMARK	MAXIMUM POSITIVE PRESSURE (PSF)	MAXIMUM NEGATIVE PRESSURE (PSF)
ZONE 4	①	6'-0" X 8'-0"	ENTRY	EXT.	30.3	-33.1
ZONE 5	②	16'-0" X 8'-0"	GARAGE	EXT.	28.1	-34.0
ZONE 4	③	8'-0" X 8'-0"	SLD	EXT.	29.6	-32.5
ZONE 4	④	3'-0" X 8'-0"	SOLID	EXT.	31.8	-34.7

WINDOW SCHEDULE						
ZONE	SYMBOL / CODE	WINDOW SIZE	TYPE	MAXIMUM POSITIVE PRESSURE (PSF)	MAXIMUM NEGATIVE PRESSURE (PSF)	REMARK
ZONE 5	①	48" X 24"	FIXED GLASS	33.7	-45.1	SHUTTER
ZONE 5	③	26" X 26"	FIXED GLASS	33.7	-45.1	SHUTTER
ZONE 5	④	52" X 62"	FIXED GLASS	31.9	-41.6	SHUTTER
ZONE 5	⑤	36" X 62"	SINGLE HUNG	32.8	-43.2	SHUTTER
ZONE 5	⑥	52" X 62"	SINGLE HUNG	31.9	-41.6	SHUTTER
ZONE 4	⑦	72" X 20"	FIXED GLASS	33.3	-36.2	SHUTTER

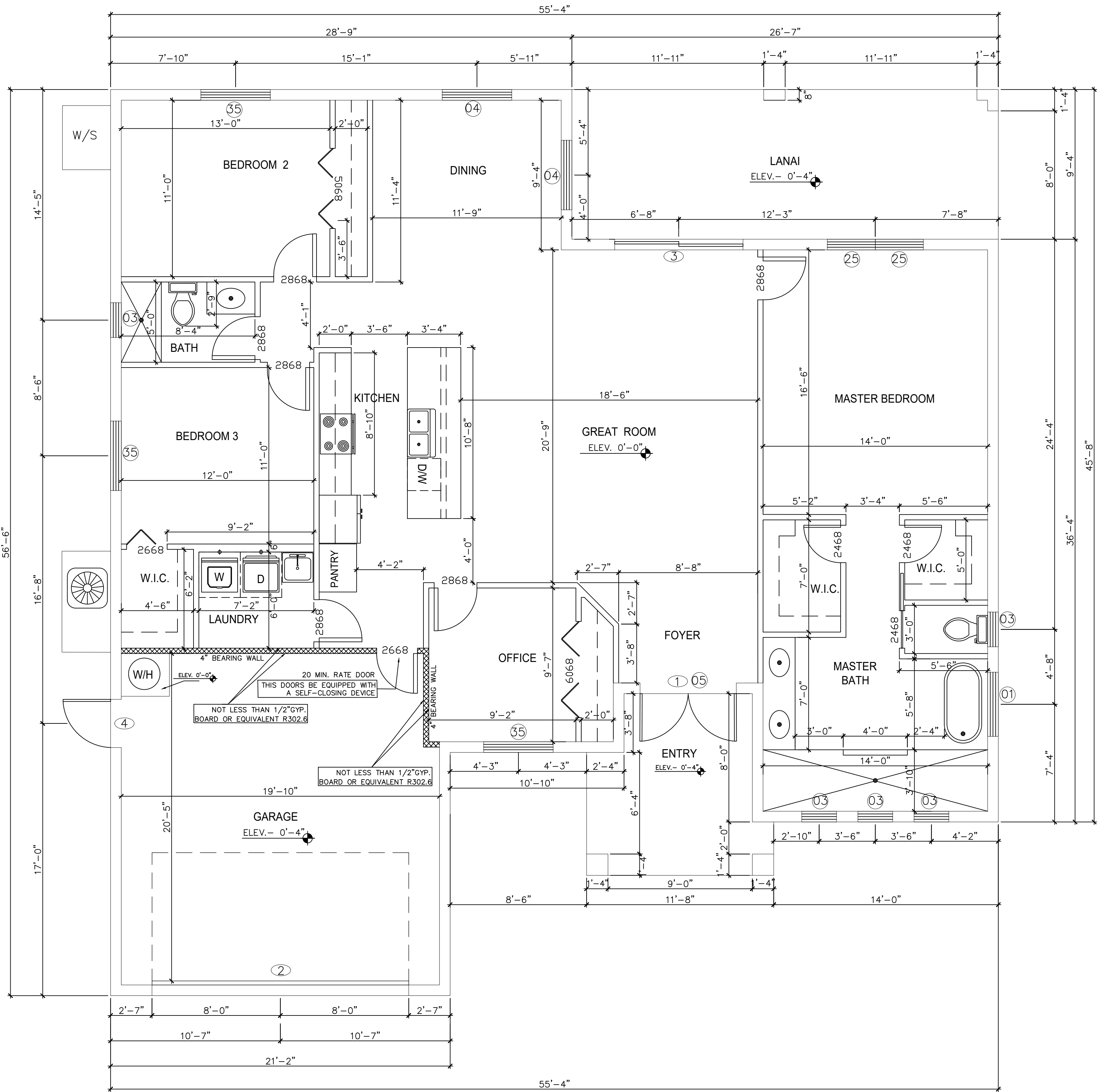
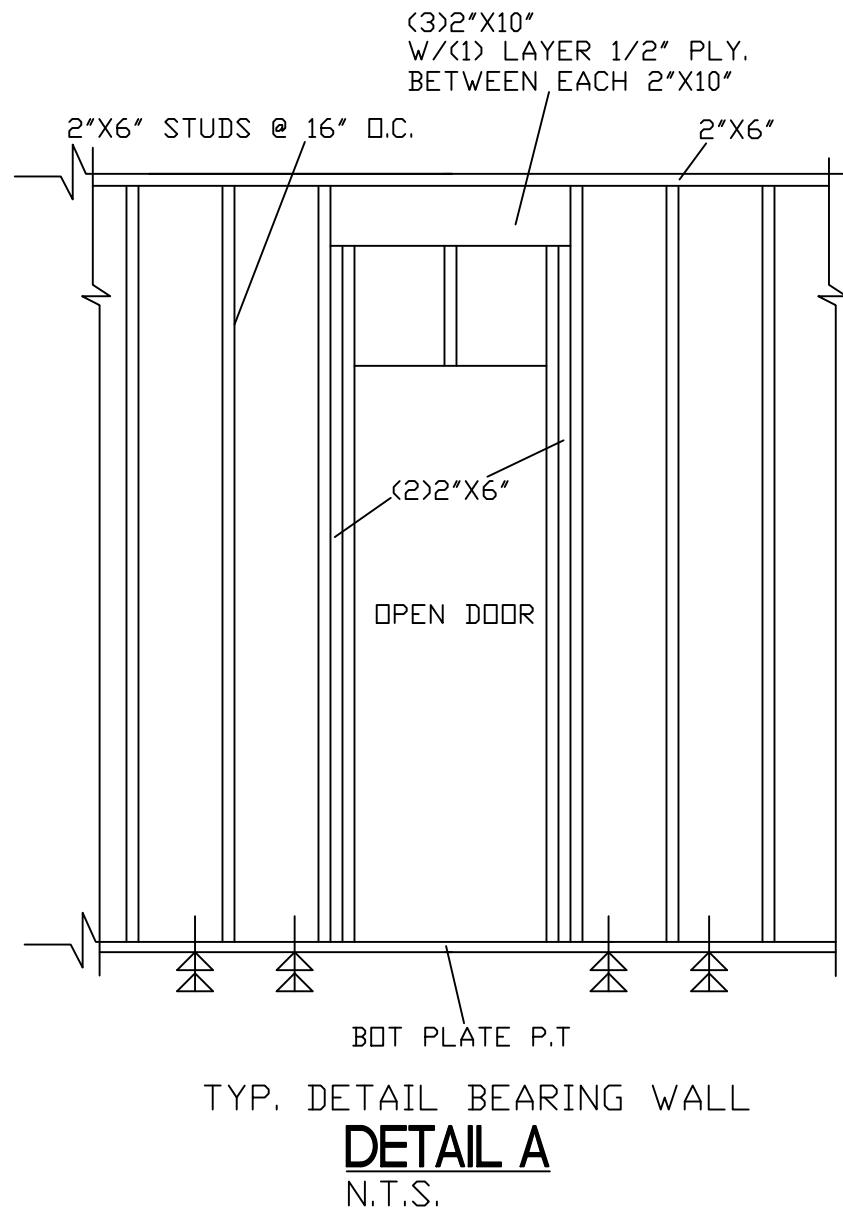
ADD 1" WIDTH AND HEIGHT TO WINDOW ROUGH OPENING

SOFFITS				
ZONE	EFFECTIVE WIND AREA	TYPE	MAXIMUM POSITIVE PRESSURE (PSF)	MAXIMUM NEGATIVE PRESSURE (PSF)
ZONE 5	10.00 SqFt	ALUM. SOFFITS	31.2	-41.8



SH WINDOW SILL- CMU

NTS



FLOOR PLAN

SCALE 1/4" = 1'-0"

LEGEND

- EXTERIOR CMU WALL
- INTERIOR PARTITION
- BEARING WALL

THIS DESIGN HAS BEEN PREPARED UNDER SUPERVISION, DIRECTION AND CONTROL BY:

RDA CONSULTING ENGINEERS, LLC.
CERTIFICATE OF AUTHORITY: 31149
RONNY DE AZA, PE
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REVISIONS

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ENTERPRISE GROUP, LLC

GENERAL CONTRACTOR
CGC 1514485
239 692 6495
239 348 0096

PROPOSED FOR: PABLO RIVAS
1902 TRAFALGAR PKWY CAPE CORAL, FL 33914

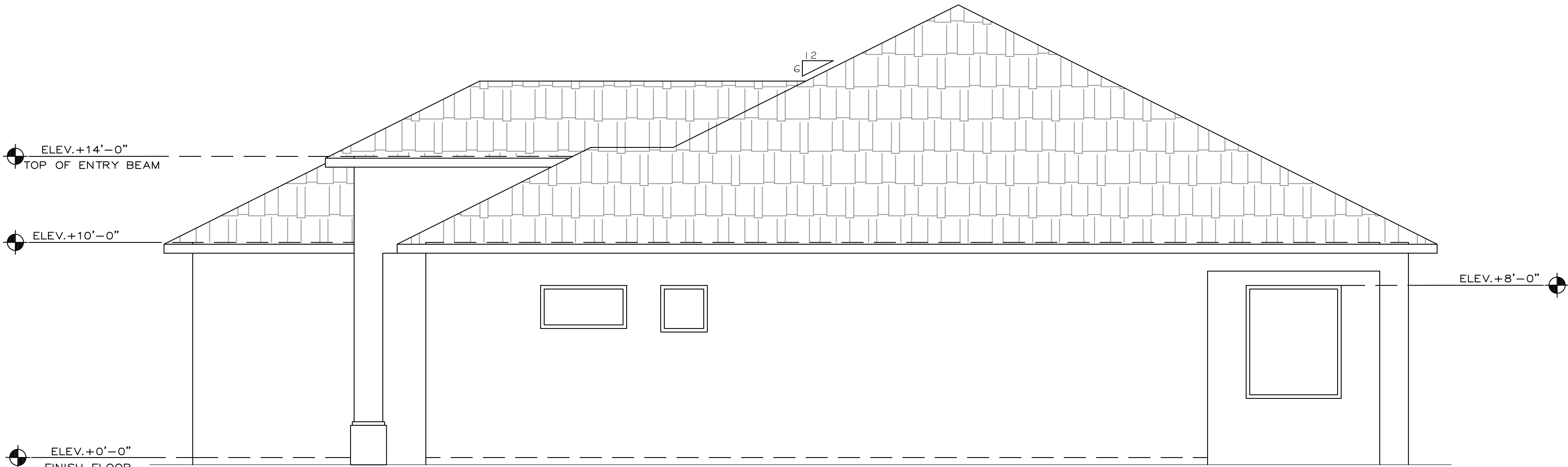
SHEET TITLE: FLOOR PLAN

DATE
04-6-2021
JOB NUMBER
DRAWN BY:
L.M.
SHEET No.
A-1
SEAL



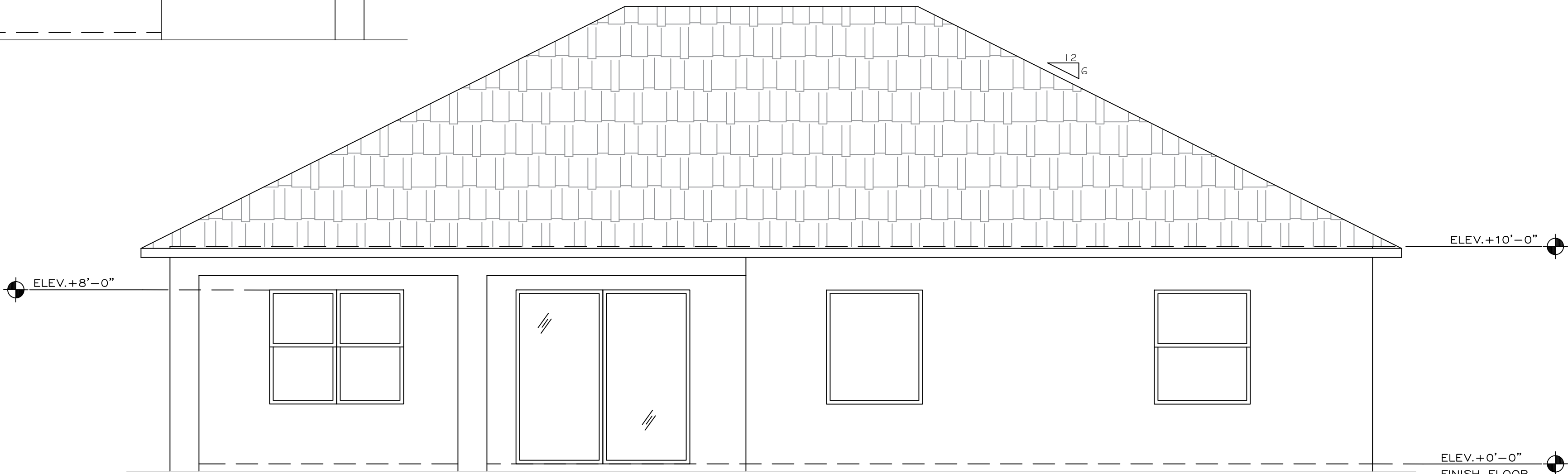
FRONT ELEVATION

SCALE 1/4" = 1'-0"



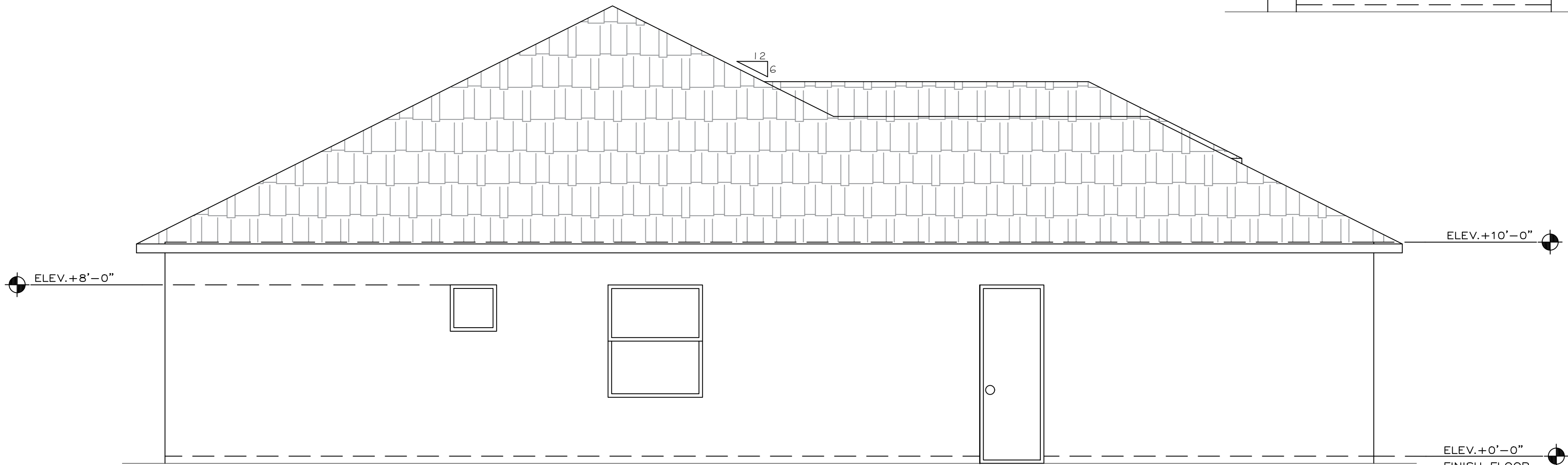
RIGHT ELEVATION

SCALE 1/4" = 1'-0"



REAR ELEVATION

SCALE 1/4" = 1'-0"



LEFT ELEVATION

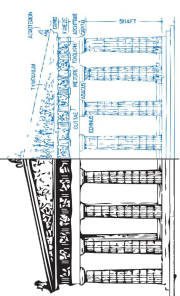
SCALE 1/4" = 1'-0"

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REVISIONS

PROPOSED FOR: PABLO RIVAS

1902 TRAFALGAR PKWY CAPE CORAL, FL 33914

SHEET TITLE: ELEVATIONS

DATE

04-6-2021

JOB NUMBER

DRAWN BY:

L.M.

SHEET No.

A-3

SEAL