

| AREA SUMMARY                         |
|--------------------------------------|
| TOTAL A/C LIVING AREA: 1815.00 SQ FT |
| ENTRANCE: 79.00 SQ FT                |
| GARAGE: 403.00 SQ FT                 |
| LANAI: 213.00 SQ FT                  |
| TOTAL UNDER ROOF: 2510.00 SQ FT      |

| JOB DATA                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ULTIMATE DESIGN WIND SPEED : 170<br>NOMINAL DESIGN WIND SPEED : 132<br>RISK CATEGORY : 2<br>IMPORTANCE FACTOR : 1.0<br>BUILDING OCCUPANCY CLASSIFICATION : RESIDENTIAL<br>BUILDING CONSTRUCTION TYPE : SB<br>EXPOSURE CATEGORY : C<br>OPENING PROTECTION :<br>INTERNAL PRESSURE COEFFICIENTS : +0.18, -0.18 (ENCLOSED) |
| FLOOR LIVE LOAD : 1/360 LIVE, 1/240 DEAD<br>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                                                                                                   |

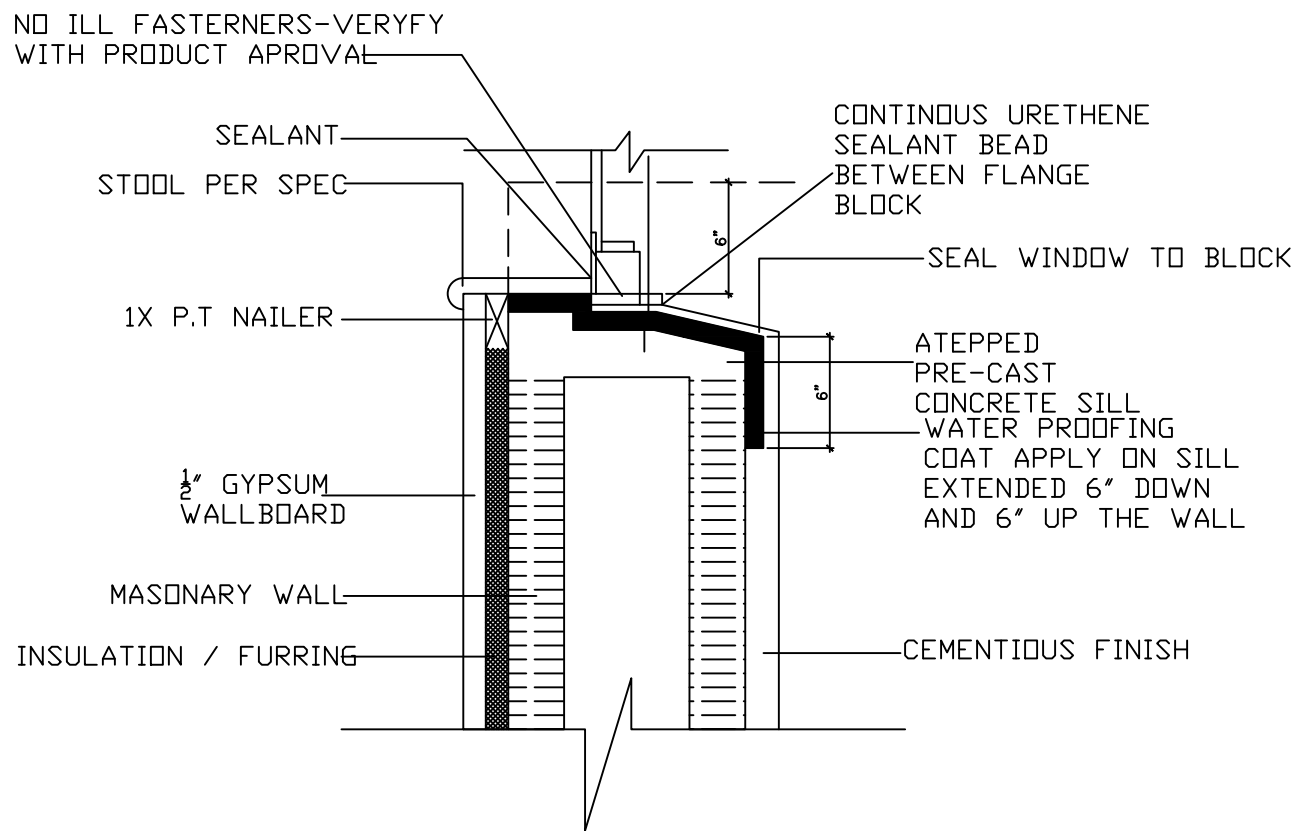
|                               |               |
|-------------------------------|---------------|
| WIND VELOCITY (MPH)           | 170           |
| IMPORTANCE FACTOR             | 1.00          |
| EXPOSURE CATEGORY             | C             |
| INTERNAL PRESSURE COEFFICIENT | ( +, - ) 0.18 |
| 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.   | 26.4                            | -28.9                           |
| ZONE 5        | ②      | 16'-0" X 8'-0" | GARAGE | EXT.   | 24.5                            | -29.6                           |
| ZONE 4        | ③      | 9'-0" X 8'-0"  | SLD    | EXT.   | 25.6                            | -28.1                           |
| ZONE 4        | ④      | 3'-0" X 8'-0"  | SOLID  | EXT.   | 27.8                            | -30.2                           |

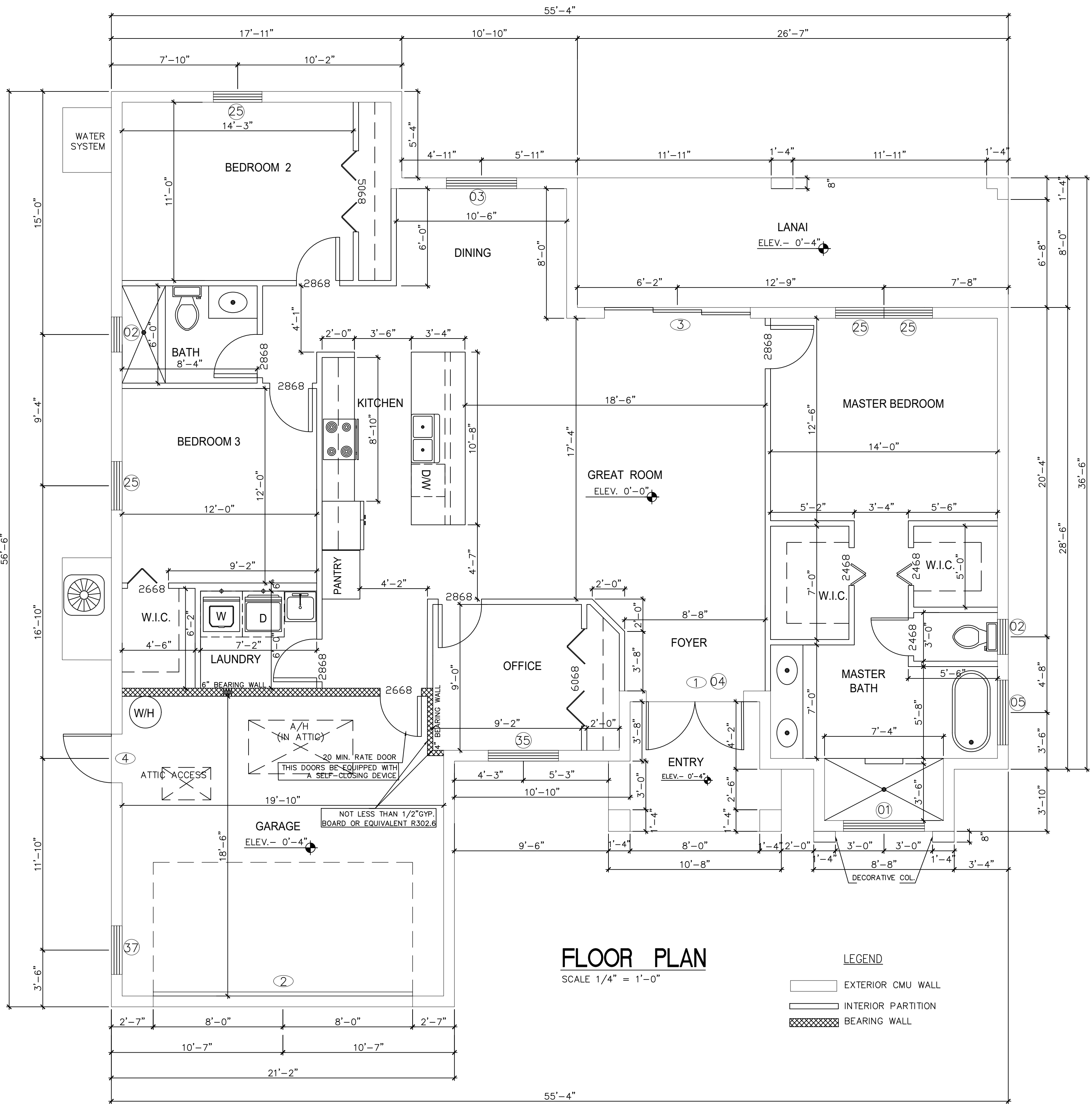
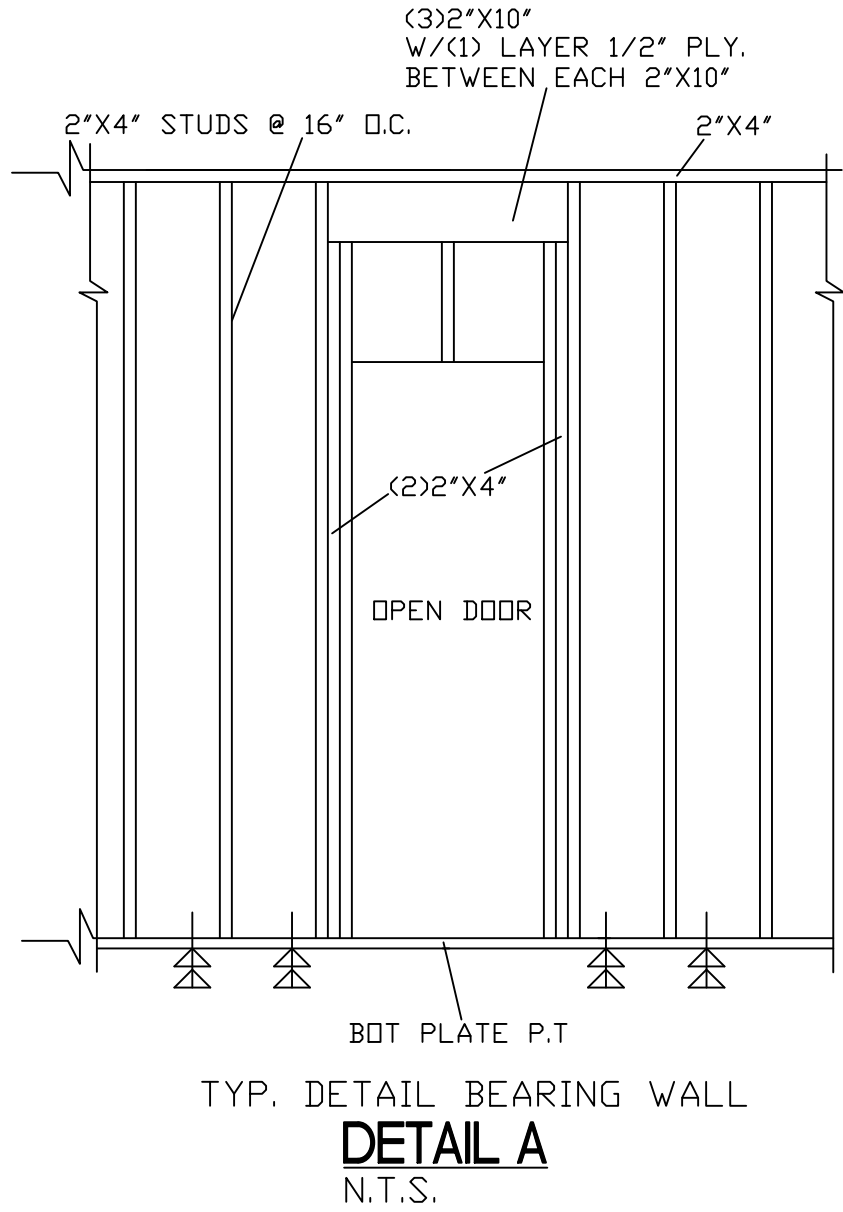
| WINDOW SCHEDULE |              |               |             |                                 |                                 |         |
|-----------------|--------------|---------------|-------------|---------------------------------|---------------------------------|---------|
| ZONE            | SYMBOL/ CODE | WINDOW SIZE   | TYPE        | MAXIMUM POSITIVE PRESSURE (PSF) | MAXIMUM NEGATIVE PRESSURE (PSF) | REMARK  |
| ZONE 5          | ①            | 60" X 18"     | FIXED GLASS | 29.4                            | -39.4                           | SHUTTER |
| ZONE 5          | ②            | 26" X 26"     | FIXED GLASS | 29.4                            | -31.9                           | SHUTTER |
| ZONE 5          | ③            | 52" X 62"     | FIXED GLASS | 27.9                            | -36.3                           | SHUTTER |
| ZONE 4          | ④            | 73" X 13-1/2" | FIXED GLASS | 29.0                            | -31.5                           | SHUTTER |
| ZONE 5          | ⑤            | 48" X 50"     | FIXED GLASS | 28.4                            | -37.4                           | SHUTTER |
| ZONE 5          | ⑥            | 36" X 62"     | SINGLE HUNG | 28.6                            | -37.7                           | SHUTTER |
| ZONE 5          | ⑦            | 52-1/8" X 62" | SINGLE HUNG | 27.9                            | -36.3                           | SHUTTER |
| ZONE 5          | ⑧            | 36" X 37"     | SINGLE HUNG | 29.4                            | -39.4                           | 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



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

RDA CONSULTING ENGINEERS, LLC.  
CERTIFICATE OF AUTHORITY: 31149  
RONNY DE AZA, PE  
LIC NO. 78411

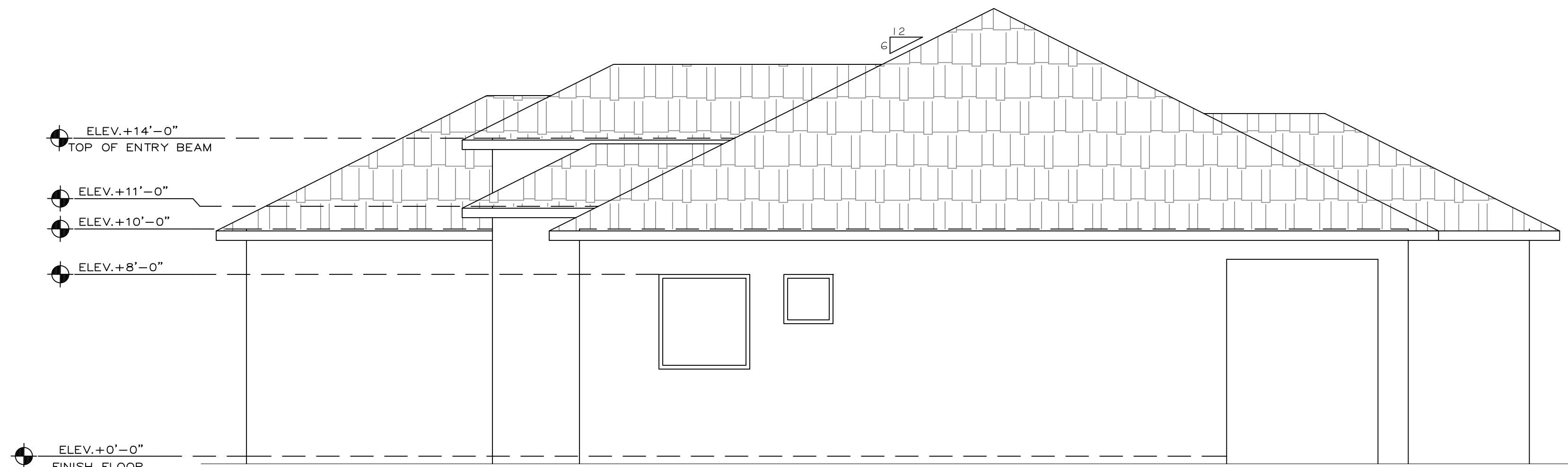
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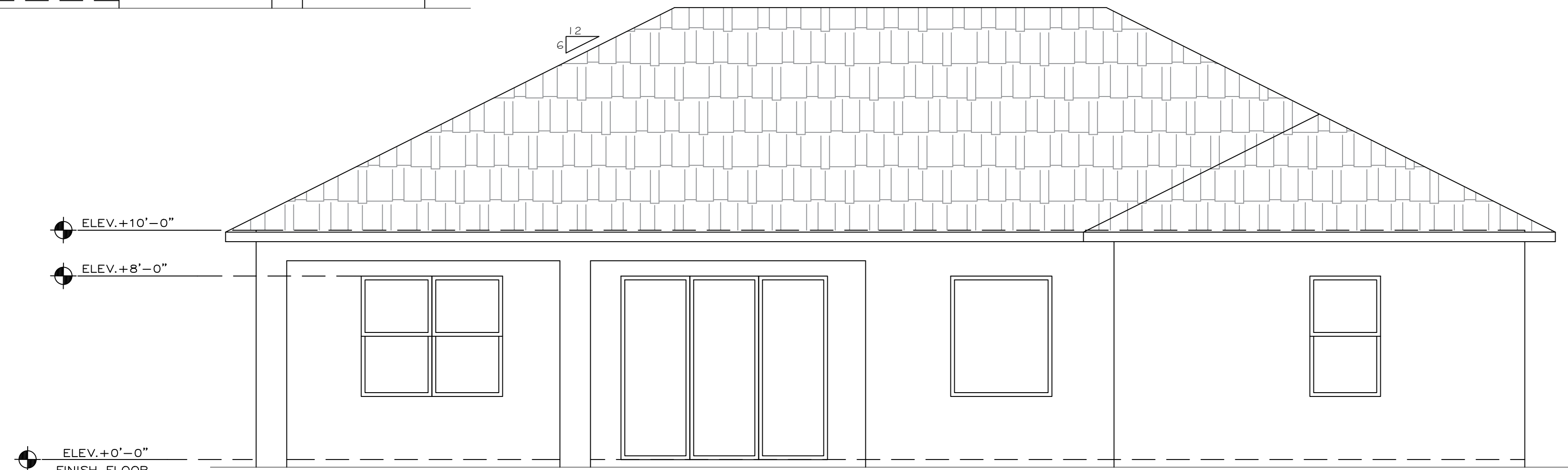
**FRONT ELEVATION**

SCALE 1/4" = 1'-0"



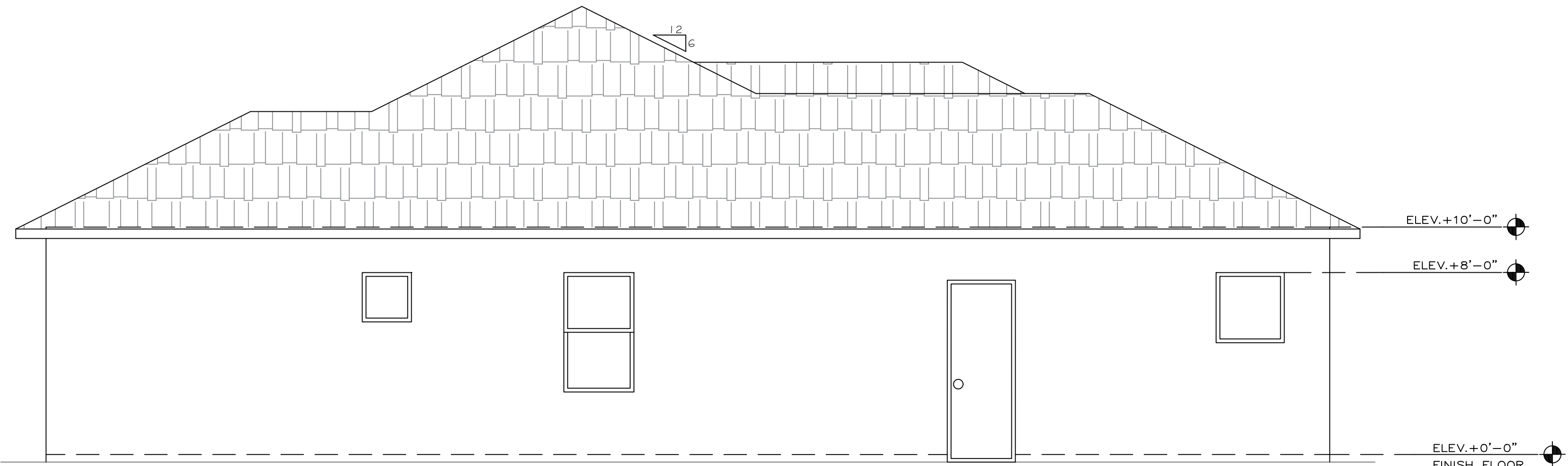
**RIGHT ELEVATION**

SCALE 1/4" = 1'-0"



**REAR ELEVATION**

SCALE 1/4" = 1'-0"



**LEFT ELEVATION**

SCALE 1/4" = 1'-0"

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