

345  
RESIDENCE



JOB NAME

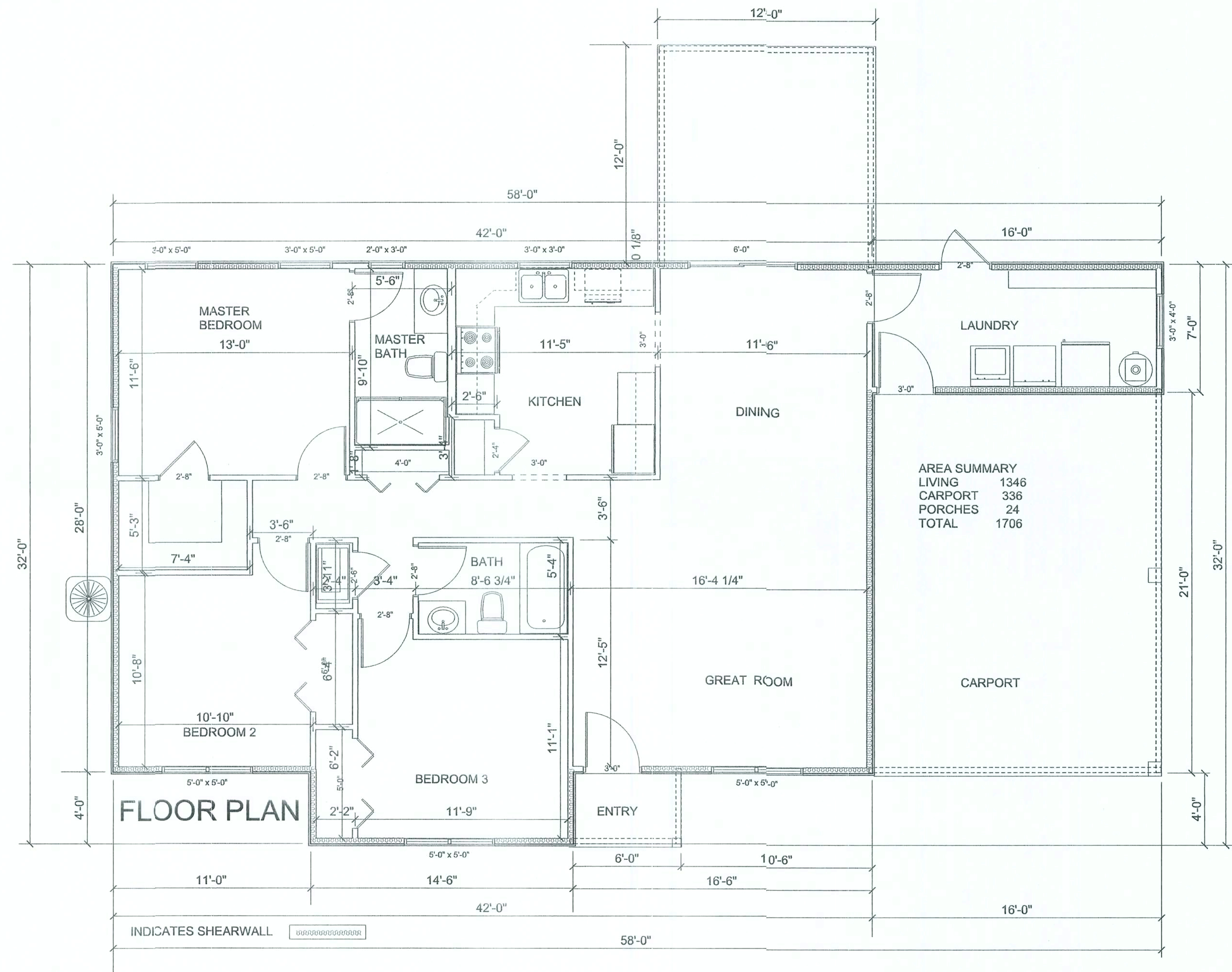
DESIGNER  
MIKE TODD  
135 N. COLBURN  
LAKE CITY, FL

A CUSTOM HOME FOR ZEBRA COURT - BOCA 1  
MIKE TODD CONSTRUCTION

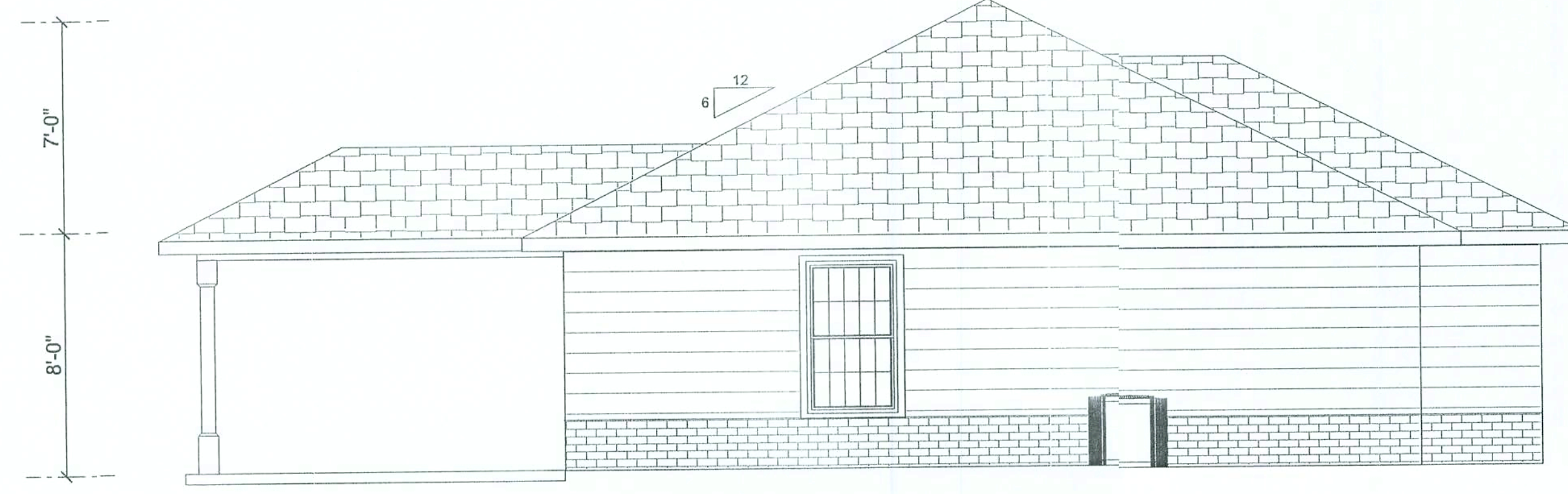
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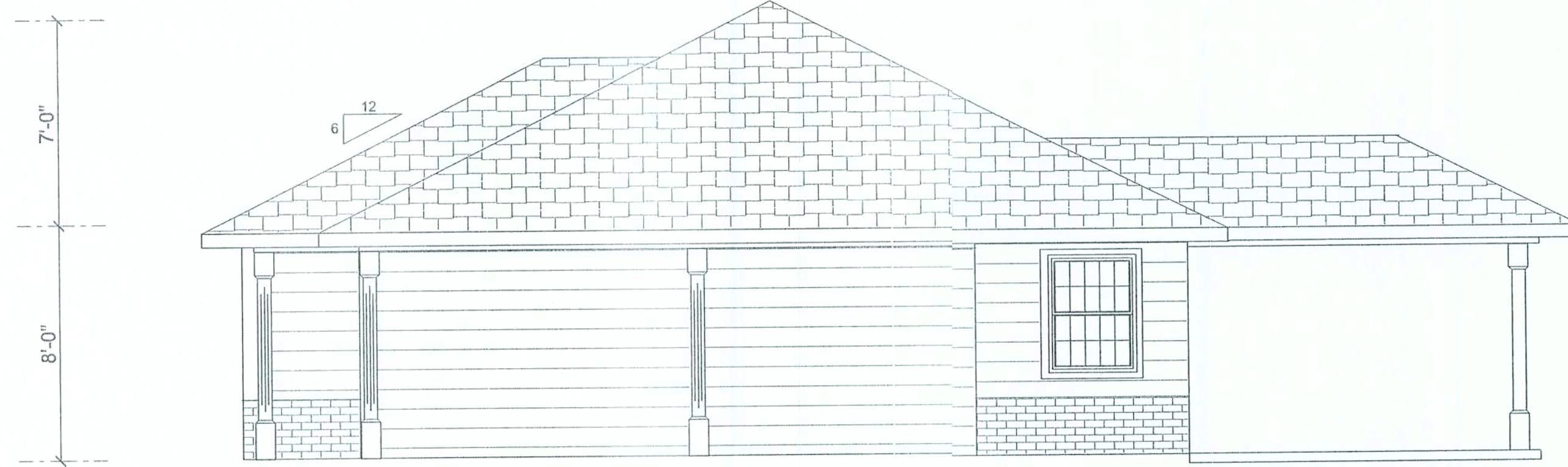








LEFT



RIGHT

JOB NAME

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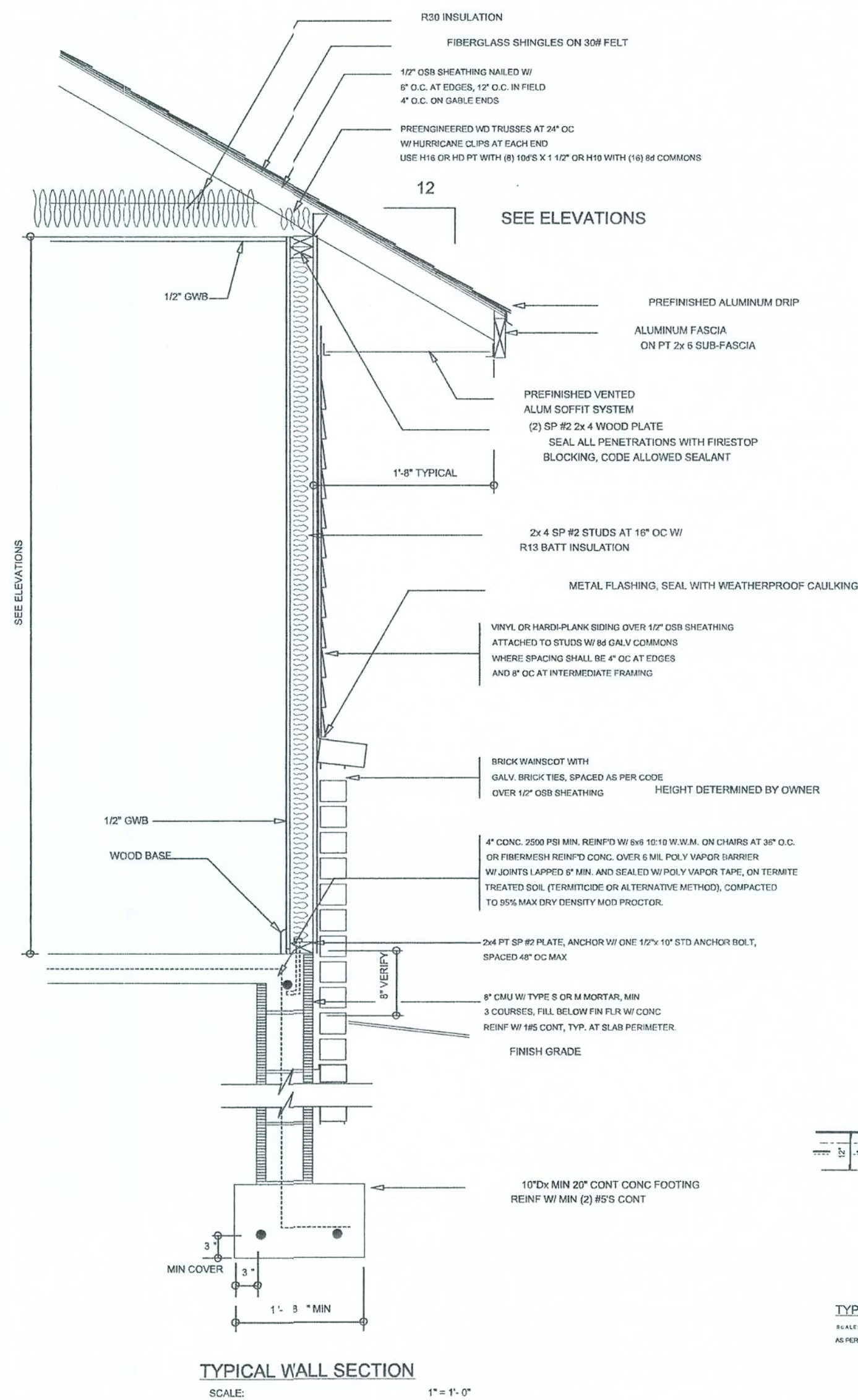






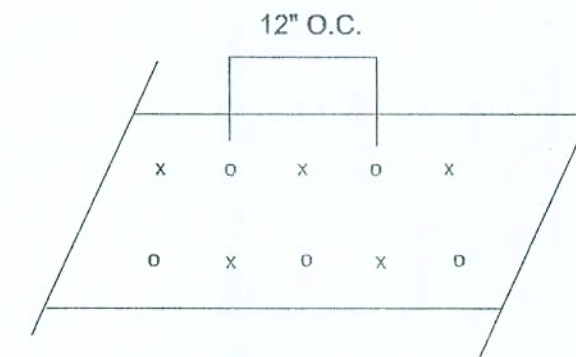






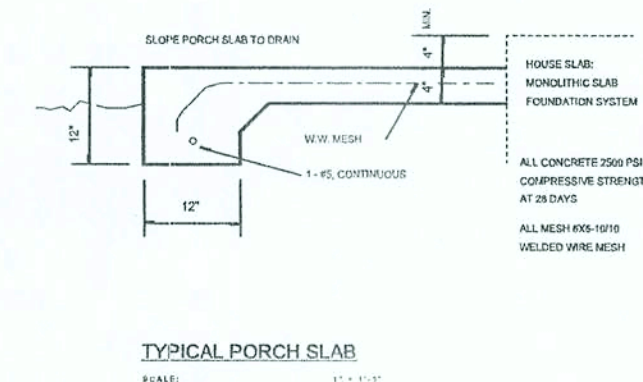
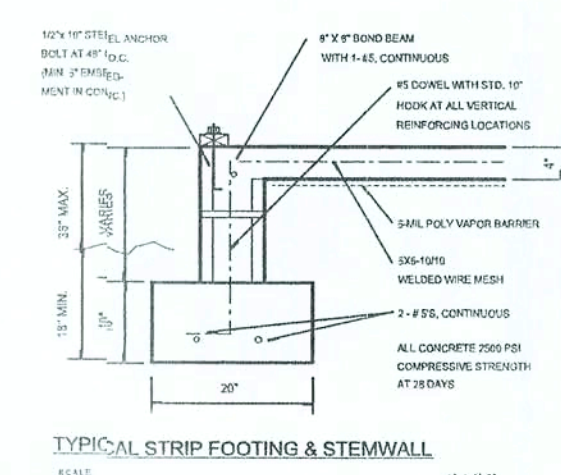
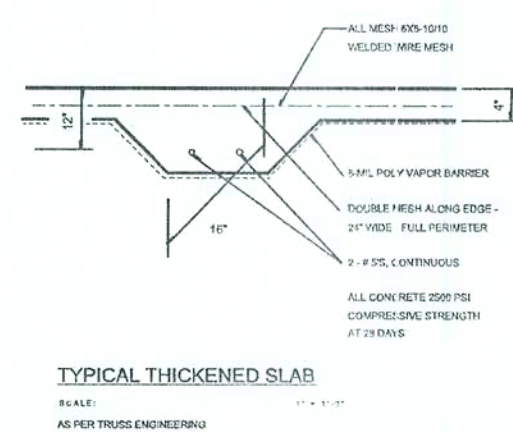
NOTE:  
 1. ALL BATHROOM, KITCHEN AND EXTERIOR RECEPTACLES TO BE GFI  
 2. ALL BEDROOM RECEPTACLES TO BE AFCI  
 3. SMOKE DETECTORS PLACED ACCORDING TO LOCAL CODES.

- NOTE:
1. DESIGN SOIL BEARING CAPACITY SHALL BE 1000 PSF.
  2. CARPORT HEADER SIZE SHALL BE 2 PLYS, 1 3/4" X 11 3/4" 2.0E LVL, FASTENED TOGETHER PER THE ATTACHED DETAIL.
  3. PORCH POST ANCHORS SHALL BE AS FOLLOWS  
 PORCH BEAM O POST: SIMPSON PC44/ EPC44  
 POST TO FOUNDATION: SIMPSON ABU44
  4. PORCH BEAM SIZE SHALL BE 2 PLYS 1 1/2" X 11.25" #2 SYP FASTENED TOGETHER PER THE ATTACHED DETAIL.  
 1/2" OSB / PLYWOOD SPACER.



FOR (2) OR (3) GANG BEAMS,  
 NAIL MEMBERS TOGETHER W/  
 16D NAILS STAGGERED TOP  
 AND BOTTOM EACH FACE

| HEADER SPANS FOR EXTERIOR BEARING WALLS         |                            |                        |                  |                  |                  |
|-------------------------------------------------|----------------------------|------------------------|------------------|------------------|------------------|
| HEADERS SUPPORTING                              | HEADER SIZE                | BUILDING WIDTH ( FT. ) |                  |                  |                  |
|                                                 |                            | 20' SPAN, #JACKS       | 28' SPAN, #JACKS | 36' SPAN, #JACKS | 40' SPAN, #JACKS |
| ROOF, CEILING                                   | 2 - 2X4                    | 3' 6" 1                | 3' 2" 1          | 2' 10" 1         | ---              |
|                                                 | 2 - 2X6                    | 5' 5" 1                | 4' 8" 1          | 4' 2" 1          | ---              |
|                                                 | 2 - 2X8                    | 6' 10" 2               | 5' 11" 2         | 5' 4" 1          | ---              |
|                                                 | 2 - 2X10                   | 8' 5" 2                | 7' 3" 2          | 6' 6" 2          | 5' 4" 1          |
|                                                 | 2 - 2X12                   | 9' 9" 2                | 8' 5" 2          | 7' 6" 2          | 6' 6" 2          |
|                                                 | 3 - 2X8                    | 8' 4" 2                | 7' 5" 2          | 6' 8" 2          | 7' 6" 2          |
|                                                 | 3 - 2X10                   | 10' 6" 2               | 9' 1" 2          | 8' 2" 2          | 6' 8" 2          |
|                                                 | 3 - 2X12                   | 12' 2" 2               | 10' 7" 2         | 9' 5" 2          | 8' 2" 2          |
|                                                 | 4 - 2X8                    | 9' 2" 2                | 8' 4" 2          | 9' 2" 2          | 9' 5" 2          |
|                                                 | 4 - 2X10                   | 11' 8" 2               | 10' 6" 2         | 9' 5" 2          | 9' 2" 2          |
|                                                 | 4 - 2X12                   | 14' 1" 2               | 12' 2" 2         | 10' 11" 2        | 9' 5" 2          |
| HEADERS SUPPORTING                              | GARAGE DOOR HEADER OPENING | BUILDING WIDTH ( FT. ) |                  |                  |                  |
|                                                 |                            | 20' SPAN, #JACKS       | 28' SPAN, #JACKS | 36' SPAN, #JACKS |                  |
| ROOF, CEILING 1 3/4" 2.0E LVL BUILT - UP HEADER | 9' 3"                      | 2 - 9 1/4" 2           | 2 - 9 1/4" 2     | 2 - 9 1/4" 2     |                  |
|                                                 | 16' 3"                     | 2 - 11 1/4" 2          | 2 - 11 1/4" 2    | 2 - 14 1/4" 3    |                  |
|                                                 | 18' 3"                     | 2 - 11 1/4" 2          | 2 - 14 1/4" 3    | 2 - 14 1/4" 3    |                  |



| ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1606 FLORIDA BUILDING CODE, 2001 EDITION |                                 |
|----------------------------------------------------------------------------------------|---------------------------------|
| BASIC WIND SPEED                                                                       | 100 MPH                         |
| WIND IMPORTANCE FACTOR                                                                 | 1.0                             |
| BUILDING CATEGORY                                                                      | ENCLOSED                        |
| WIND EXPOSURE                                                                          | B                               |
| INTERNAL PRESSURE COEFF. COMPONENTS AND CLADDING                                       | +18 -18                         |
| DESIGN WIND PRESSURE                                                                   | ROOF 55.0 PSF<br>WALLS 29.0 PSF |

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