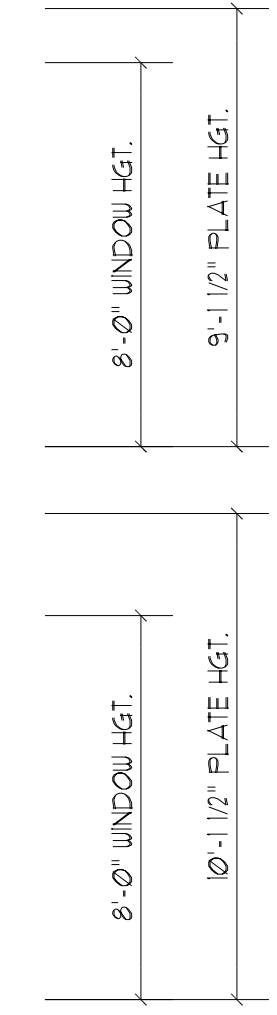




TABLE 402.1.1 ENERGY CONSERVATION CODE INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT

| CLIMATE ZONE | FENS. U-FAC | GLAZED FENS. SH-GC | MINIMUM INSULATION R-VALUE |                |                  |                        |                  |             |    |       |
|--------------|-------------|--------------------|----------------------------|----------------|------------------|------------------------|------------------|-------------|----|-------|
|              |             |                    | CEILING                    | WOOD WALL      | MASS WALL        | FLOOR                  | ESPT. SLAB DEPTH | CRAWL SPACE |    |       |
| 3            | 0.35        | 0.55               | 0.30                       | 38 or 30 cont. | 15 or 13-2.5     | 5/13 or 5/10 cont.     | 19               | 5/13        | 0  | 5/13  |
| 4            | 0.35        | 0.55               | 0.30                       | 38 or 30 cont. | 15 or 13-2.5     | 5/13 or 5/10 cont.     | 19               | 10/13       | 10 | 10/13 |
| 5            | 0.35        | 0.55               | NR                         | 38 or 30 cont. | 19, 13-5 or 15-3 | 13/11 or 13/12.5 cont. | 30               | 10/13       | 10 | 10/13 |

SEE TABLE 301 CLIMATE ZONES BY COUNTY ENERGY CONSERVATION CODE  
 SEE FOOTNOTES OF TABLE N102.1 FOR FOOTNOTES AND DETAILED EXPLANATIONS.



THIS PLAN CONFORMS TO THE 2018 EDITION OF THE I.R.C. / NORTH CAROLINA RESIDENTIAL CODE.



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PROJECT FOR: **A SQUARED**  
 LOCATION: **APEX, NC**  
 LOT: **4**  
 SUBDIVISION: **ANANDA**  
 COUNTY: **WAKE**

**LOT 4**  
 PLAN NAME  
**C1-3265-67GR**  
 PLAN I.D.  
**8.22.23**  
 DATE



**REAR ELEVATION**  
 SCALE: ..... 1/4" = 1'-0"



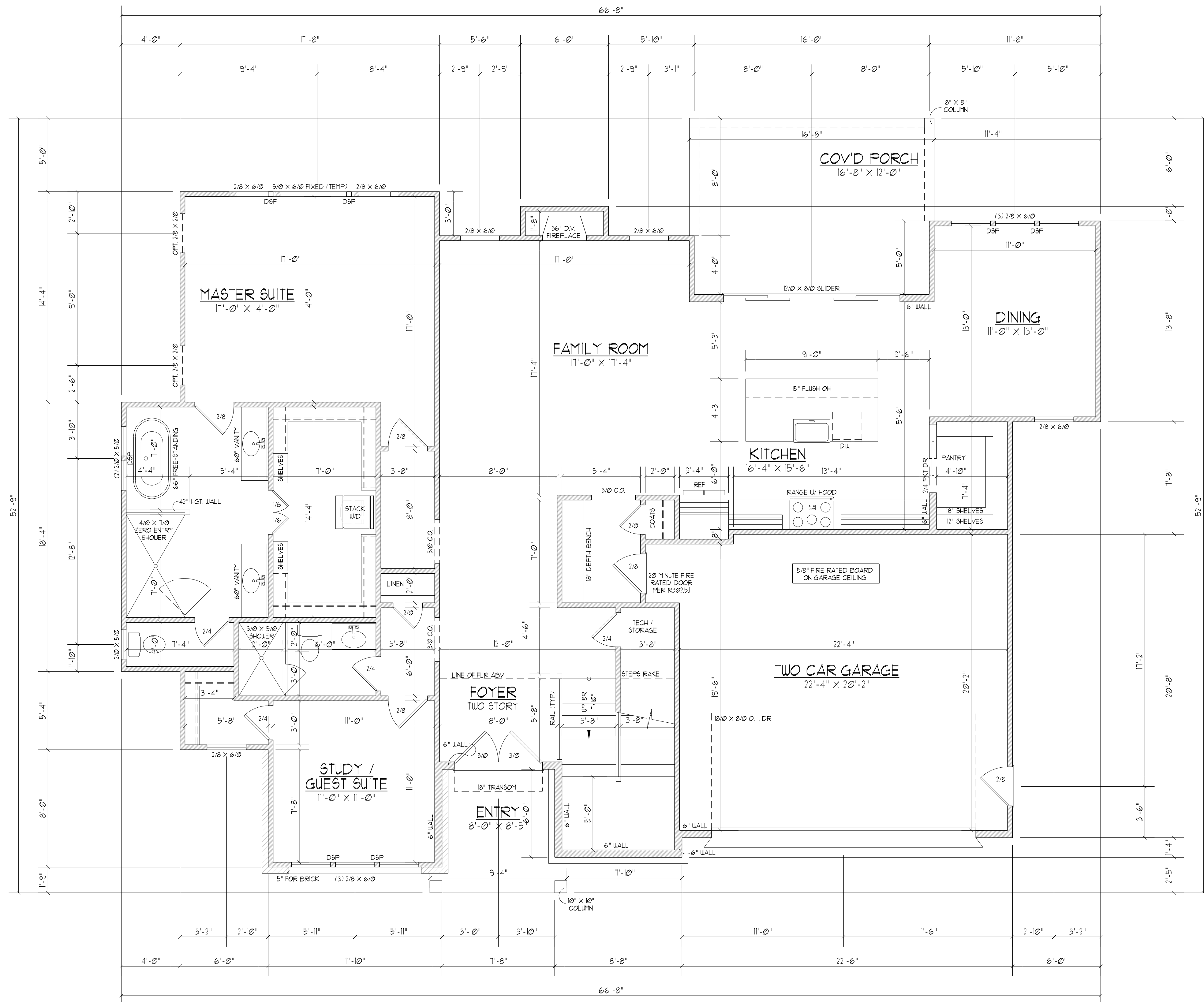
**LEFT SIDE ELEVATION**  
 SCALE: ..... 1/4" = 1'-0"

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PROJECT FOR: **A SQUARED**  
 LOCATION: **APEX, NC**  
 LOT: **4**  
 SUBDIVISION: **ANANDA**  
 COUNTY: **WAKE**

**LOT 4**  
 PLAN NAME  
**C1-3265-67GR** 8.22.23 DATE  
 PLAN I.D.



FIRST FLOOR PLAN  
 SCALE: 1/4" = 1'-0"

|                                |
|--------------------------------|
| 1961 HEATED SQ. FT.            |
| 475 SQ. FT. GARAGE             |
| 62 SQ. FT. COVERED FRONT PORCH |
| 191 SQ. FT. COVERED REAR PORCH |

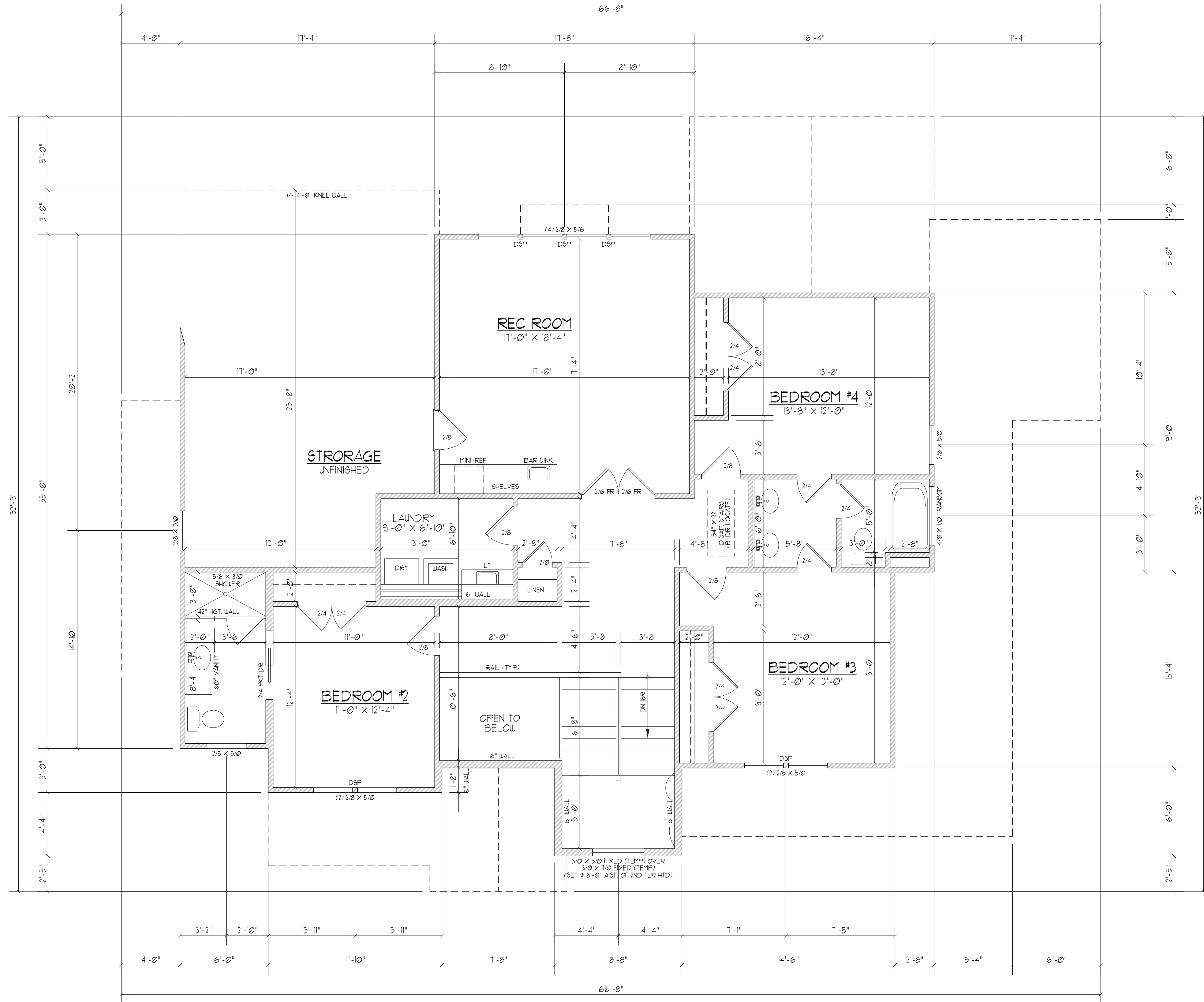
- NOTES:
- 1) 10'-0" CLG. HGT. (10' - 1 1/2" PLT. HGT.) UNLESS OTHERWISE NOTED
  - 2) ALL WALLS DRAIN AT 4" WIDTHS
  - 3) SET WINDOWS AT 8'-0" A.S.F. UNLESS OTHERWISE NOTED.
  - 4) DIMENSIONS ARE TO FRAMING UNLESS OTHERWISE NOTED.
  - 5) CONSULT WINDOW MANUFACTURER'S SPECS. FOR EGRESS REQUIREMENTS, PRESSURE RATINGS, & ROUGH OPENINGS.
  - 6) ELECTRICAL LAYOUT BY BUILDER

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PROJECT FOR: **A SQUARED**  
 LOCATION: **APEX, NC**  
 LOT: **4**  
 SUBDIVISION: **ANANDA**  
 COUNTY: **WAKE**

**LOT 4**  
 PLAN NAME  
**C1-3265-67GR** 8.22.23  
 PLAN I.D. DATE



**SECOND FLOOR PLAN**  
 SCALE ..... 1/4"=1'-0"

1304 HEATED SQ. FT.  
 426 STORAGE SQ. FT.

- NOTES:
- 1) 9'-0" CLG. HGT. (9' - 1 1/2" PLT. HGT.) UNLESS OTHERWISE NOTED.
  - 2) ALL WALLS DRAIN AT 4" WIDTHS UNLESS OTHERWISE NOTED.
  - 3) SET WINDOWS AT 7'-4" A.S.F. UNLESS OTHERWISE NOTED.
  - 4) DIMENSIONS ARE TO FRAMING UNLESS OTHERWISE NOTED.
  - 5) CONSULT WINDOW MANUFACTURER'S SPECS. FOR EGRESS REQUIREMENTS, PRESSURE RATINGS, & ROUGH OPENING.
  - 6) ELECTRICAL LAYOUT BY BUILDER

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Contractor shall verify all conditions and dimensions prior to construction. Any error or omissions shall be reported to Dynamic Design Group for corrections or justification. Once construction has commenced, the contractor shall assume all responsibility. Dimensions govern over scale, code governs over dimensions.

PROJECT FOR: **A SQUARED**  
 LOCATION: **APEX, NC**  
 LOT: **4**  
 SUBDIVISION: **ANANDA**  
 COUNTY: **WAKE**

**LOT 4**  
 PLAN NAME  
**C1-3265-67GR** 8.22.23  
 PLAN I.D. DATE