

1 MAIN LEVEL - EGRESS  
1/8"=1'-0"

2 MAIN LEVEL - EGRESS  
1/8"=1'-0"

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Based on IBC SECTION 506 "AREA MODIFICATIONS" the area limited by Table 503 shall be permitted to be increased due to frontage ( $I_f$ ) in accordance with the following:

$$A_a = ((9,000 \text{ sf}) + (9,000 \text{ sf} \times I_f) + (9,000 \text{ sf} \times I_f^2 \text{ (or 0)}))$$

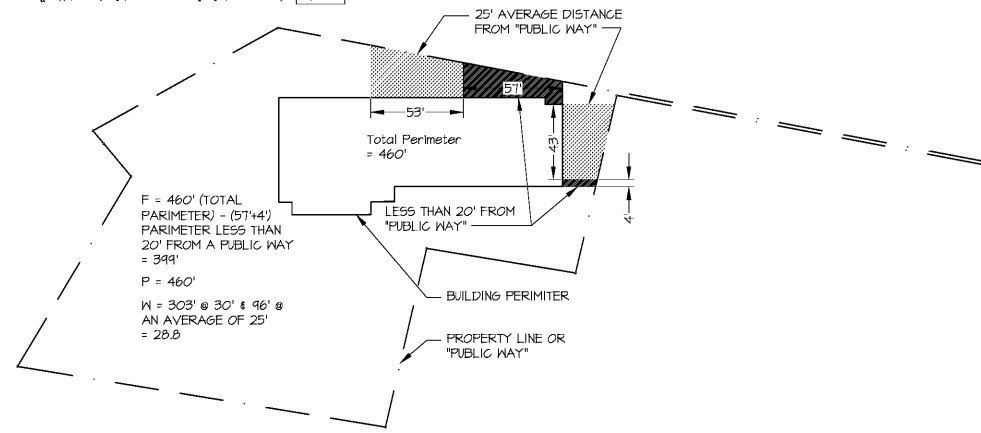
Where  $I_f$  is the area of increase due to road frontage as calculated in accordance with

$$I_f = [(F/P - 0.25) W/30]$$

Based on the information below:

$$I_f = [(399 / 460 - 0.25) 28.8/30 = 0.59]$$

And the Area Modification Increase shall be:

$$A_a = ((9,000 \text{ sf}) + (9,000 \text{ sf} \times 0.59) + (9,000 \text{ sf} \times 0)) = 14,310 \text{ sf}$$


3 AREA MODIFICATION STUDY  
1"= 50'



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New Addition - 3621 Mundy Mill Rd., Oakwood, Georgia

*West Feathers*

11-16-2018	PRELIMINARY PLAN
2-18-2019	CONSTRUCTION DRAWINGS
5-16-2019	UPDATED CHANGES FOR PERMITTING
7-09-2019	CHANGES FOR PERMITTING

PROJ. NO:	G1818
FILE NAME:	G1818
DRAWN BY:	AAM
SHEET TITLE:	CODE COMPLIANCE DETAILS
SHEET NUMBER:	AC1.1