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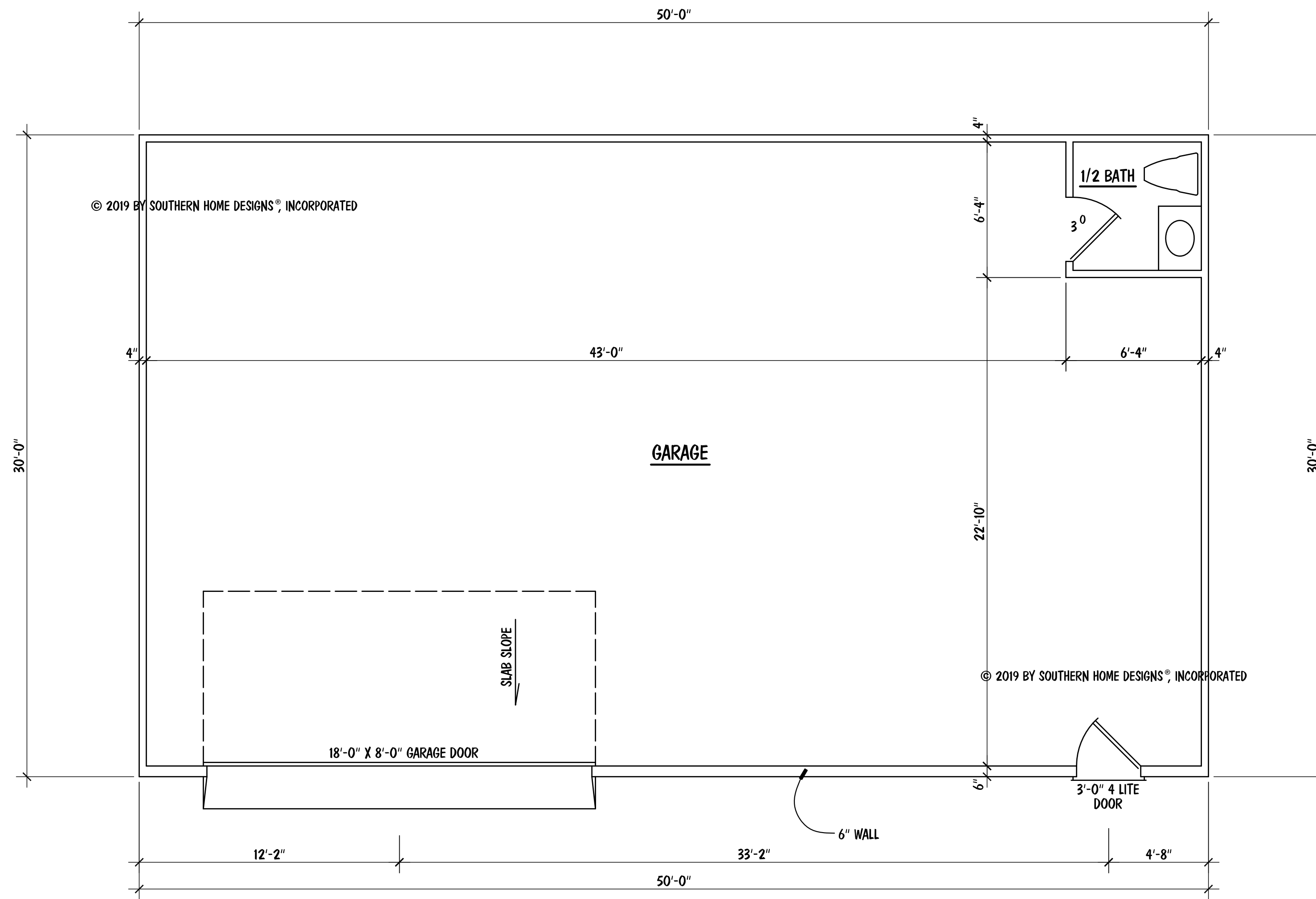
**Southern Home Designs**  
INCORPORATED

1400 Crescent Green Drive, Suite 130, Cary, NC 27518  
919.380.7400 Office 919.380.7464 Fax  
Web: shdplans.com Email: shd@ncrr.com

THE HALL GARAGE  
2342 PEACH FARM ROAD

Hall Contractors, Inc.  
Office: 954.707.1887

ENGR. #:	
DATE:	01-10-19
SHEET:	A-1
PLAN #:	19-011019



**NOTES:**  
 - 9'-0" CEILING HGT. (TYP.) U.N.O.

<b>SQUARE FOOTAGE</b>	
GARAGE	1500

**FIRST FLOOR PLAN**

SCALE: 1/4" = 1'-0"

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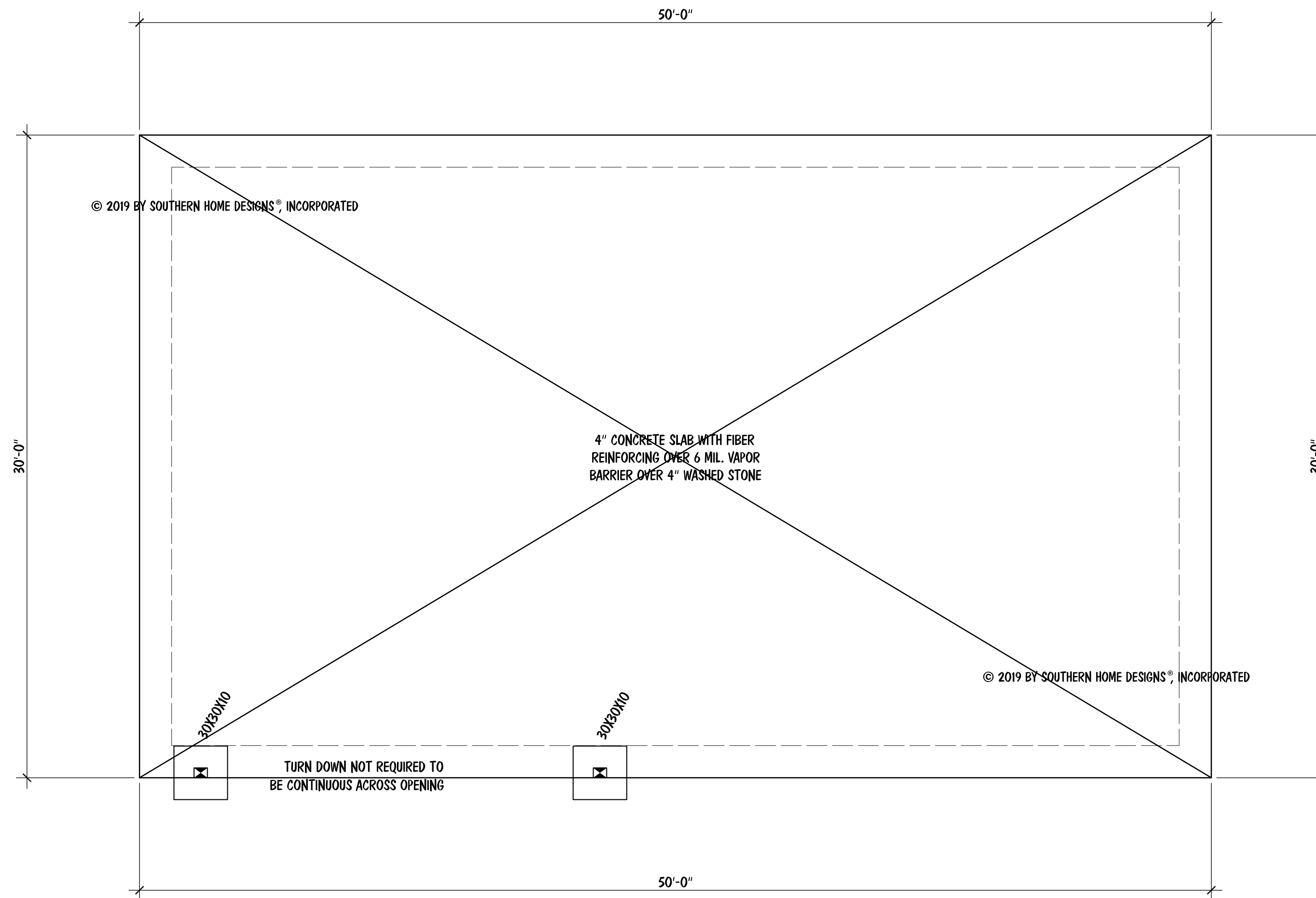
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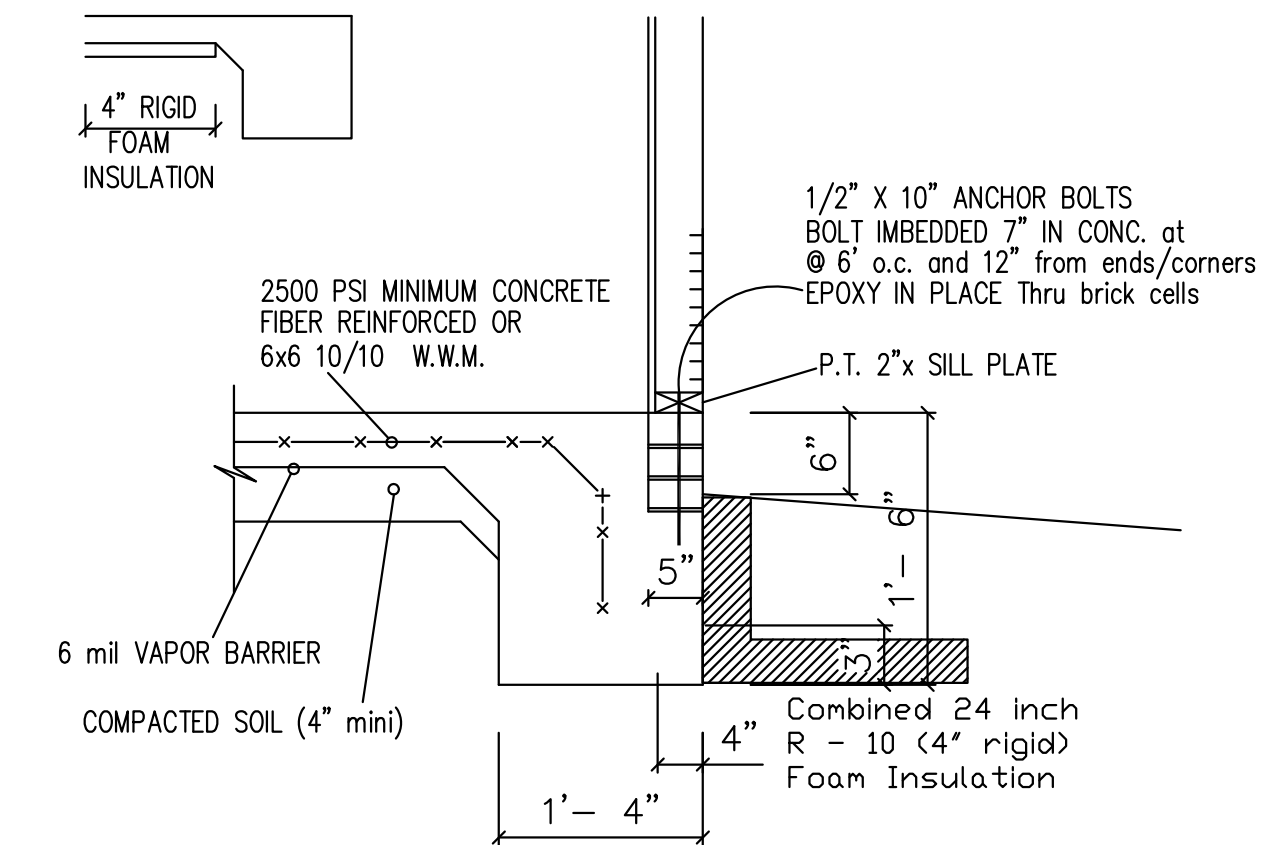
THE  
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 2342 PEACH FARM ROAD

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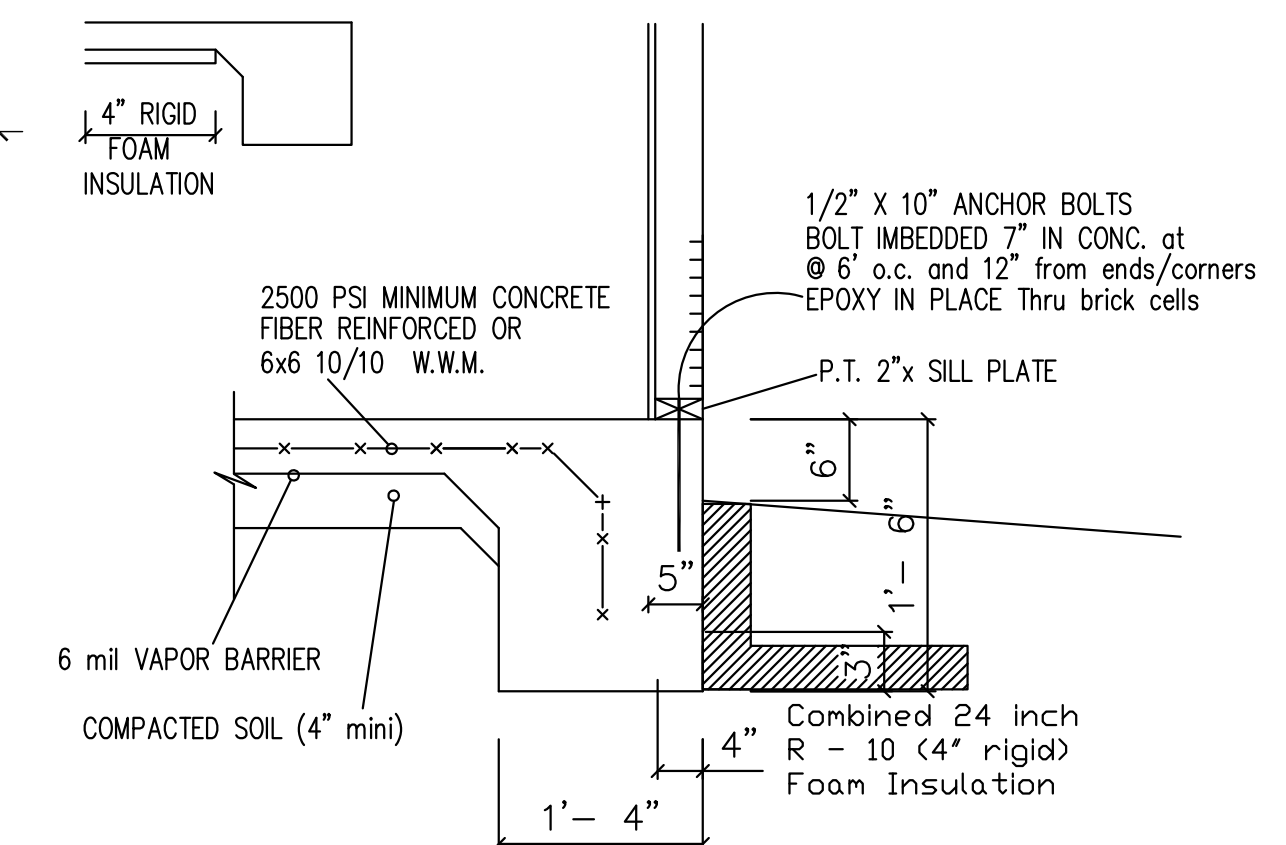
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PLAN #:	19-011019



DESIGN TO IRC 2015 / NCRBC 2018

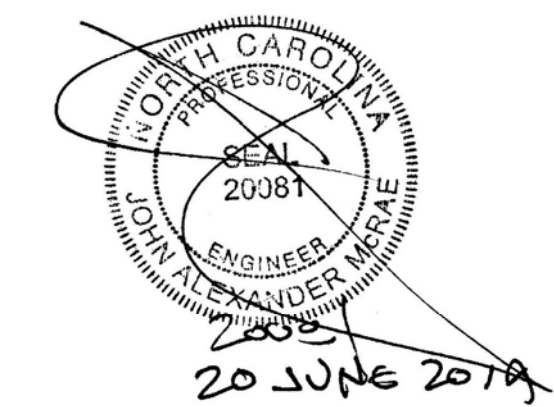


BRICK VENEER FACE  
TYPICAL TURN DOWN SLAB



TYPICAL TURN DOWN SLAB

NOTE: INSULATION OPTIONAL  
FOR CONDITIONED SPACE



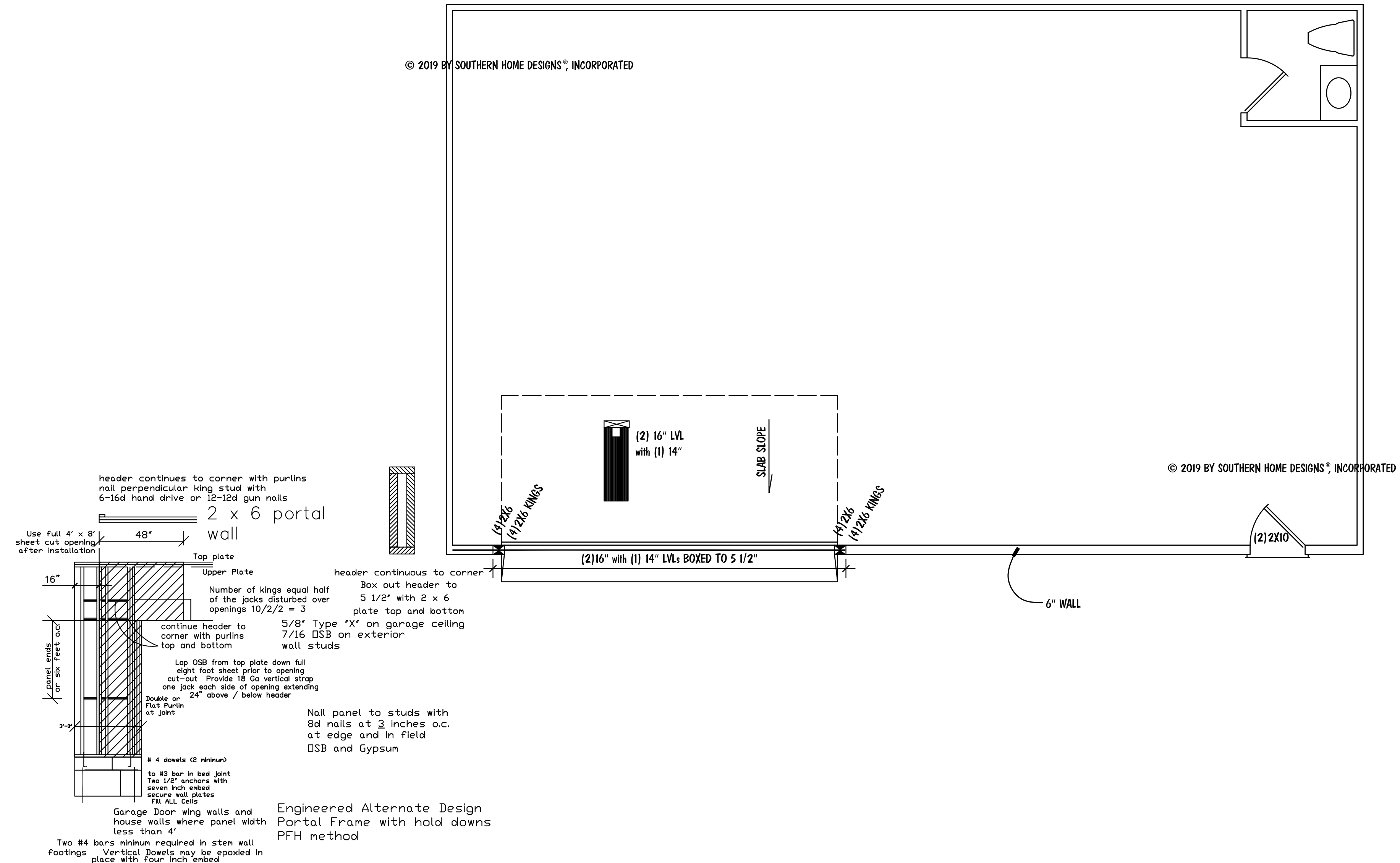
Structural Design By:  
John Alexander McRae, PE, Inc.  
218 Coley Farm Road  
Fuquay-Varina North Carolina 27526  
jampe@nc.rr.com (919) 210-5749  
P O Box 1466 Apex, NC 27502  
Report deficiencies immediately  
1906-34  
(NC C-2298)

FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

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### DESIGN TO IRC 2015 / NCRBC 2018

All stories to be sheathed with 7/16" OSB nailed @ six inches on center edges and ends with additional nailing of "braced" panels as noted below:

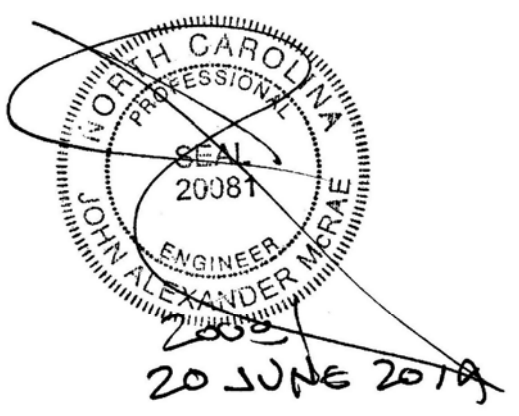
ALL EXTERIOR BEARING AND NON LOAD BEARING WALLS  
Four Foot Panel at Corners and Maximum 12' o.c.

Wall Bracing 7/16" OSB Lap OSB from top plate down full eight foot sheet prior to opening cut-out. Nail with 8d nails at THREE inches on center edges/ends six inches in field. Purlins at panel Minimum Panel Width 48" u.n.o.

ALL FLOOR JOISTS 2 X 10 @16  
#2 SPF OR BETTER  
ALL CEILING JOIST 2 X 8 @ 16 Up To 15'  
2 X 6 @ 16 Up To 11'

ALL EXTERIOR AND BEARING HEADER (2) 2"x10" u.n.o.  
ALL LVL BEAMS/HEADERS 3 STUD COLUMNS EACH END u.n.o.  
ALL FRAMING #2 SPF OR BETTER u.n.o.

LIMITED LENGTH OF WING WALLS WILL REQUIRE 7/16 osb SHEATHING BOTH SIDES OF WALL LAP osb FROM TOP PLATE DOWN FULL EIGHT FOOT SHEET PRIOR TO OPENING CUT-OUT



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### FIRST FLOOR STR. PLAN

SCALE: 1/4" = 1'-0"

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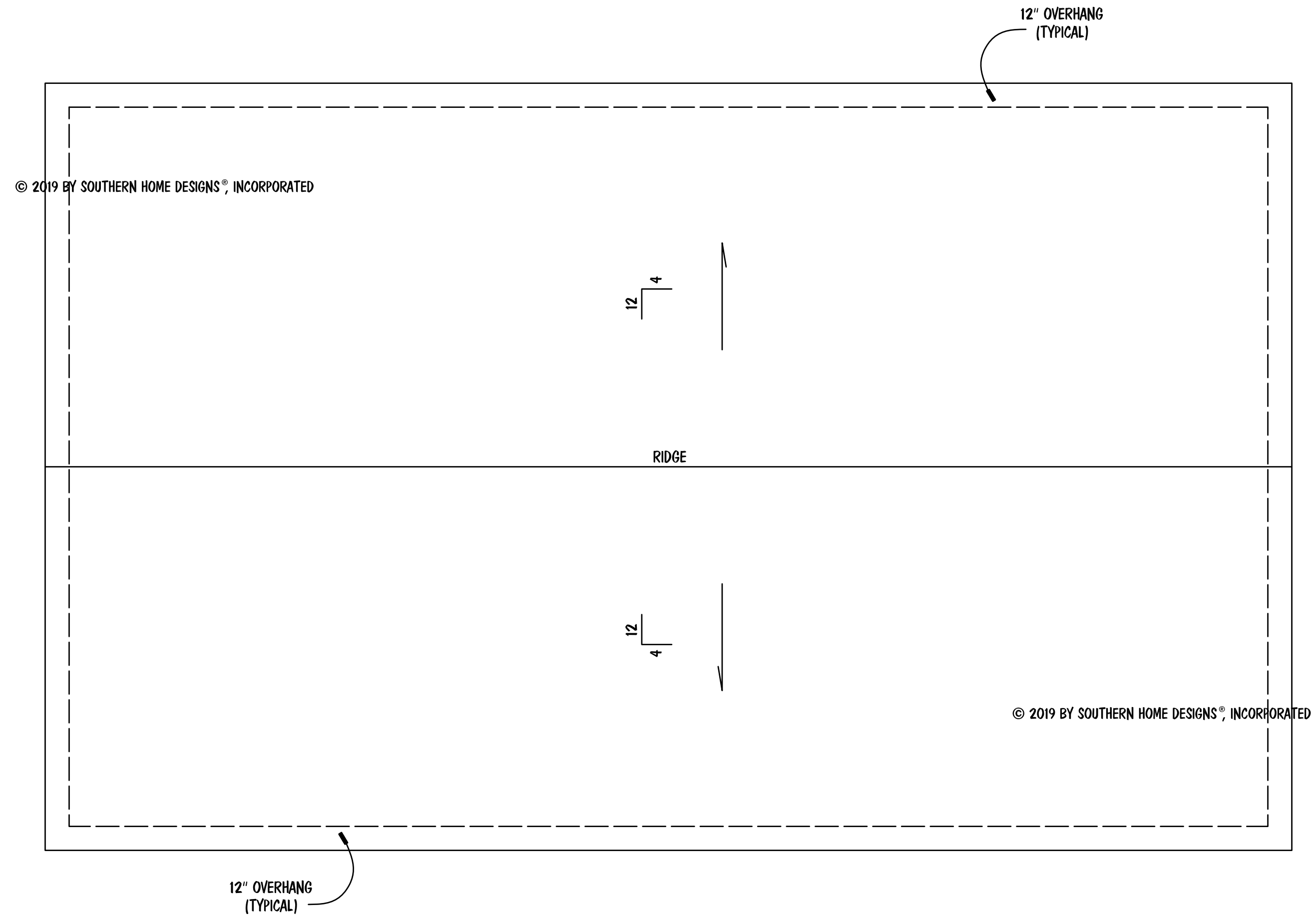
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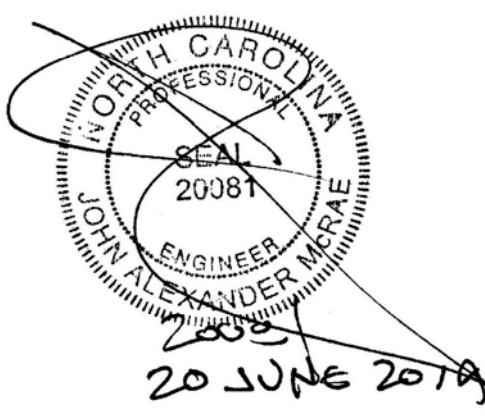


DESIGN TO IRC 2015 / NCRBC 2018

**ALL ROOF RAFTERS  
TRUSS BY MANUFACTURER**

**NOTES:**  
• MEAN ROOF HEIGHT FOR THIS STRUCTURE IS 13'-4"

**ATTIC VENTILATION:**  
 $\frac{1500}{300}$  SQUARE FEET =  $\frac{5.00}{}$  REQUIRED  
  
THE NET FREE AREA OF VENTILATION REQUIRED IS TO BE  
 $\frac{5.00}{}$  SQUARE FEET.



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**ROOF FRAMING PLAN**

SCALE: 1/4" = 1'-0"

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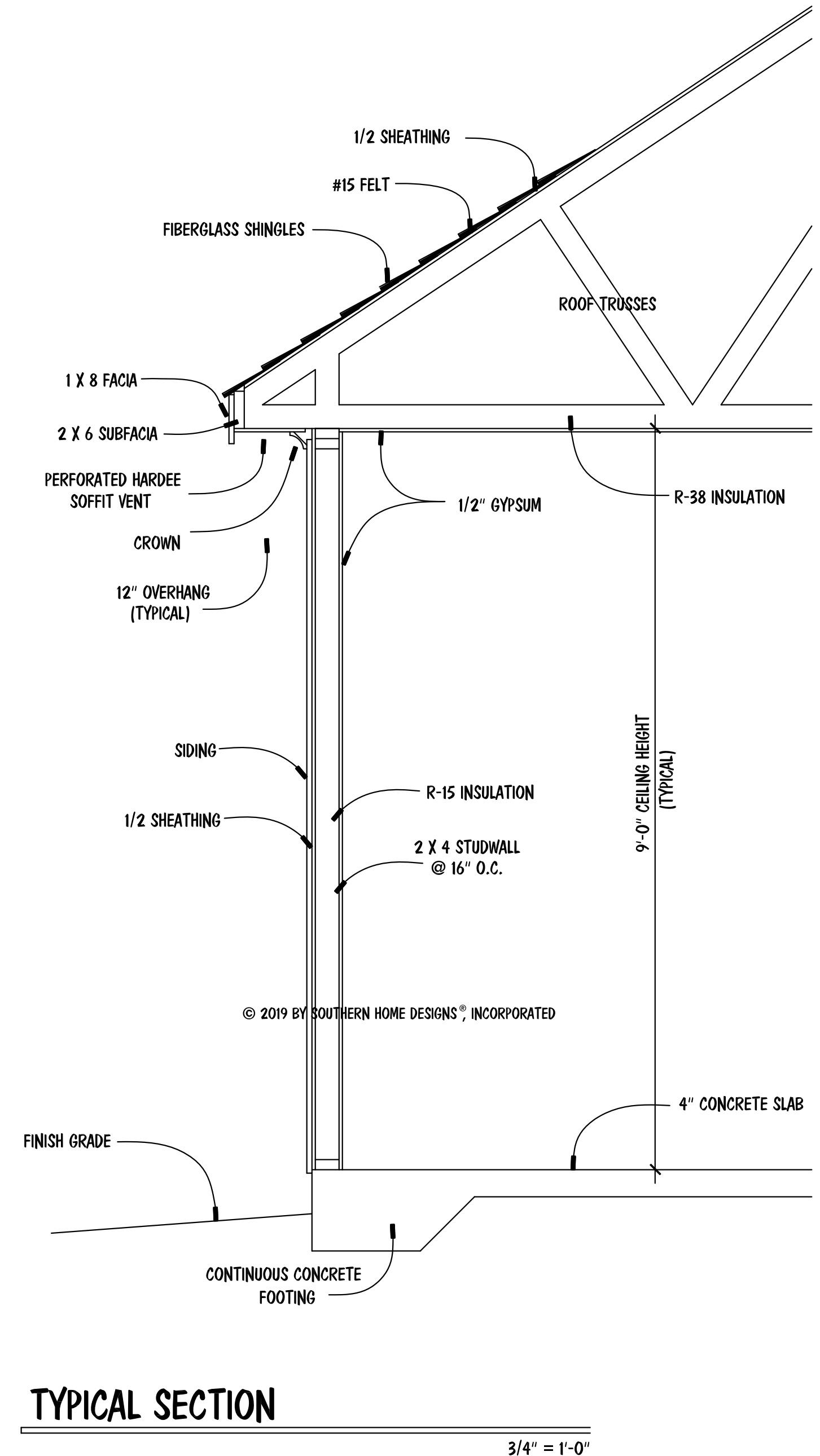
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INSULATION VALUES	
WALLS	R-15
FLOORS	R-19
CEILINGS	R-38



**TYPICAL SECTION**  
3/4" = 1'-0"

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**STR. DETAIL PLAN**