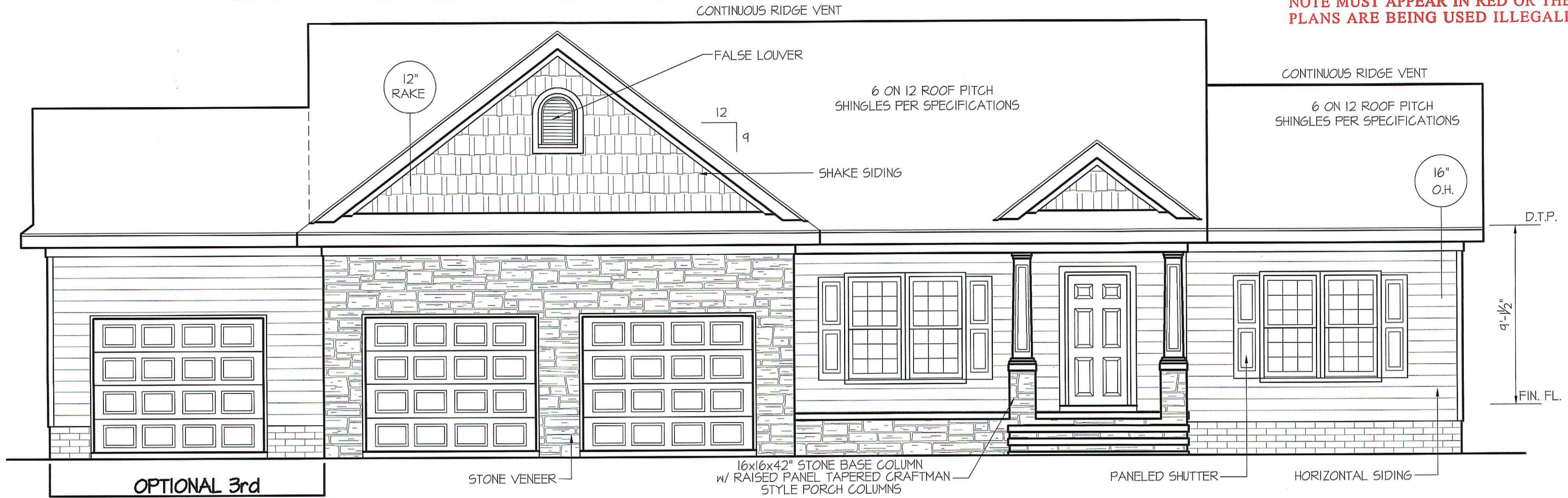


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 ARE FOR THE CONSTRUCTION OF ONLY
 ONE HOUSE THEY ARE NOT TO BE REUSED
 OR COPIED IN ANY PART OF FORM. THIS
 NOTE MUST APPEAR IN RED OR THESE
 PLANS ARE BEING USED ILLEGALLY.

DATE:

JUNE 5, 2019

THIS PLAN IS DESIGNED TO MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION



FRONT ELEVATION

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

OPTIONAL 3rd
 CAR GARAGE

USE THIS OPT.

ALL EXTERIOR WALLS TO BE
 SHEATHED WITH CS-WSP (7/16" OSB)
 IN ACCORDANCE WITH SECTION
 R602.10.3 UNLESS OTHERWISE NOTED.

INSULATION and FENESTRATION REQUIREMENTS

CLIMATE ZONE	ZONE-3	ZONE-4
FENESTRATION U-FACTOR	0.35	0.35
GLAZED FENESTRATION SHGC	0.30	0.30
MINIMUM CEILING R-VALUE	R-38	R-38
MINIMUM WALL R-VALUE	R-15, 13+2.5	R-15, 13+2.5
MINIMUM FLOOR R-VALUE	R-19	R-19
MIN. CRAWL SPACE WALL R-VALUE	5/13	10/15
MIN. SLAB R-VALUE	0	R-10

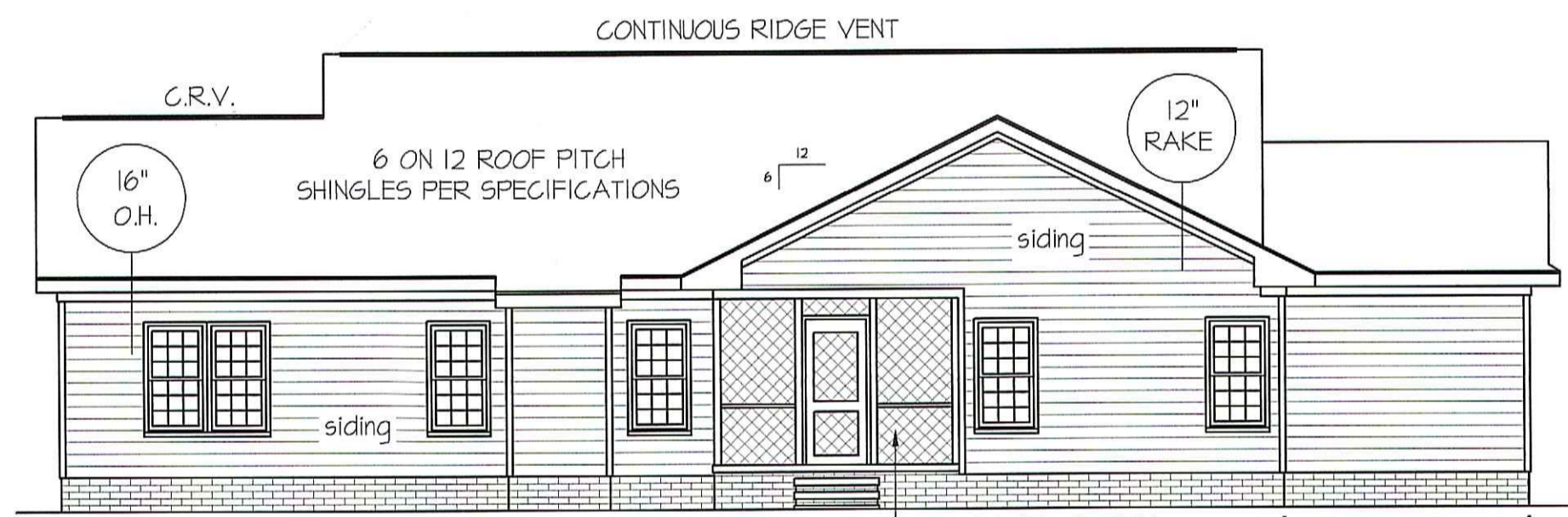
PROVIDE STEPS AS REQUIRED
 GRADE MAY VARY - BUILDER TO VERIFY

WIND ZONES (PER TABLE R301.2(4))

COUNTY	MPH
HARNETT	120
JOHNSTON	120
SAMPSON	130
WAKE	115

ROOF VENTILATION REQ'MTS.
 2368 ATTIC SQ. FT. / 300 = 7.89

PROVIDED ON PLAN
 98 L.F. RIDGE VENT = 18.37
 120 L.F. SOFFIT VENT = 7.50
 TOTAL = 25.87 S.F. FREE NET AREA

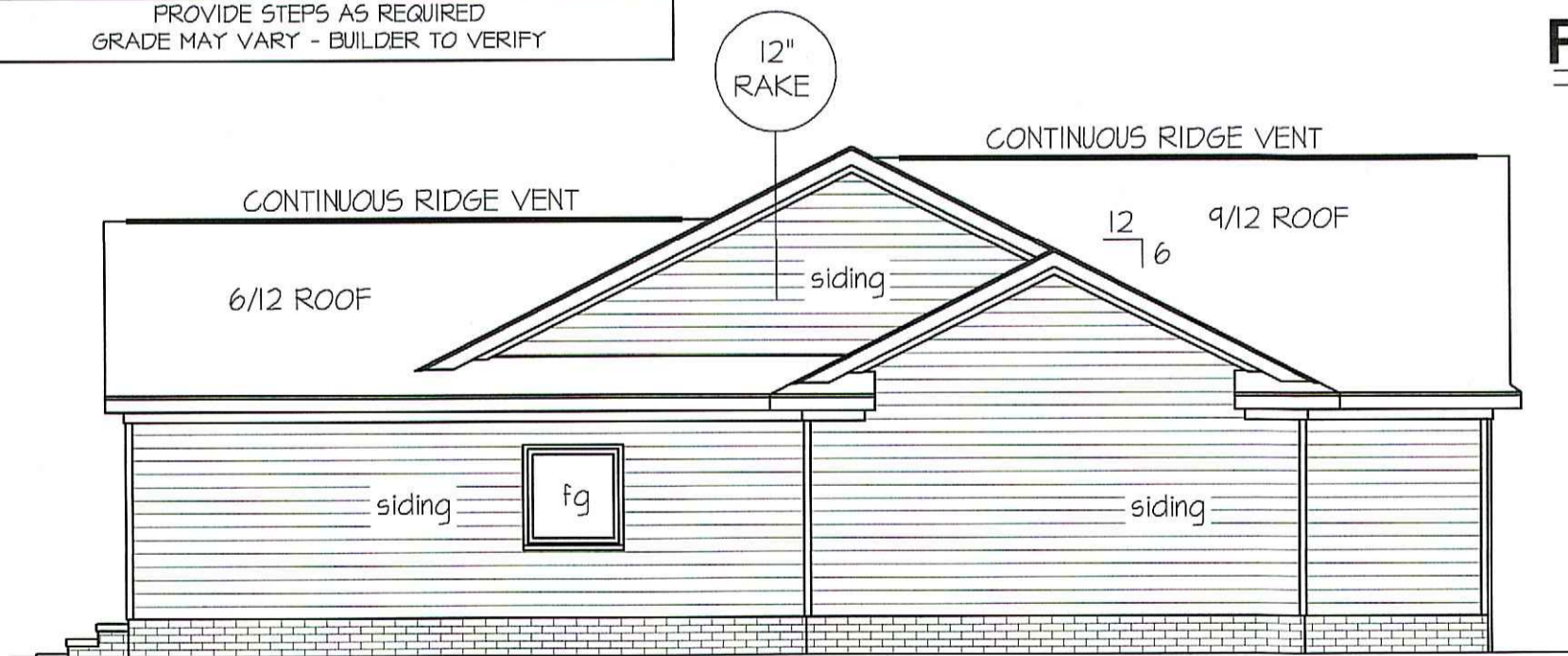


REAR ELEVATION

SCALE: 1/8" = 1'-0"

OPTIONAL 3rd
 CAR GARAGE

USE THIS OPT.

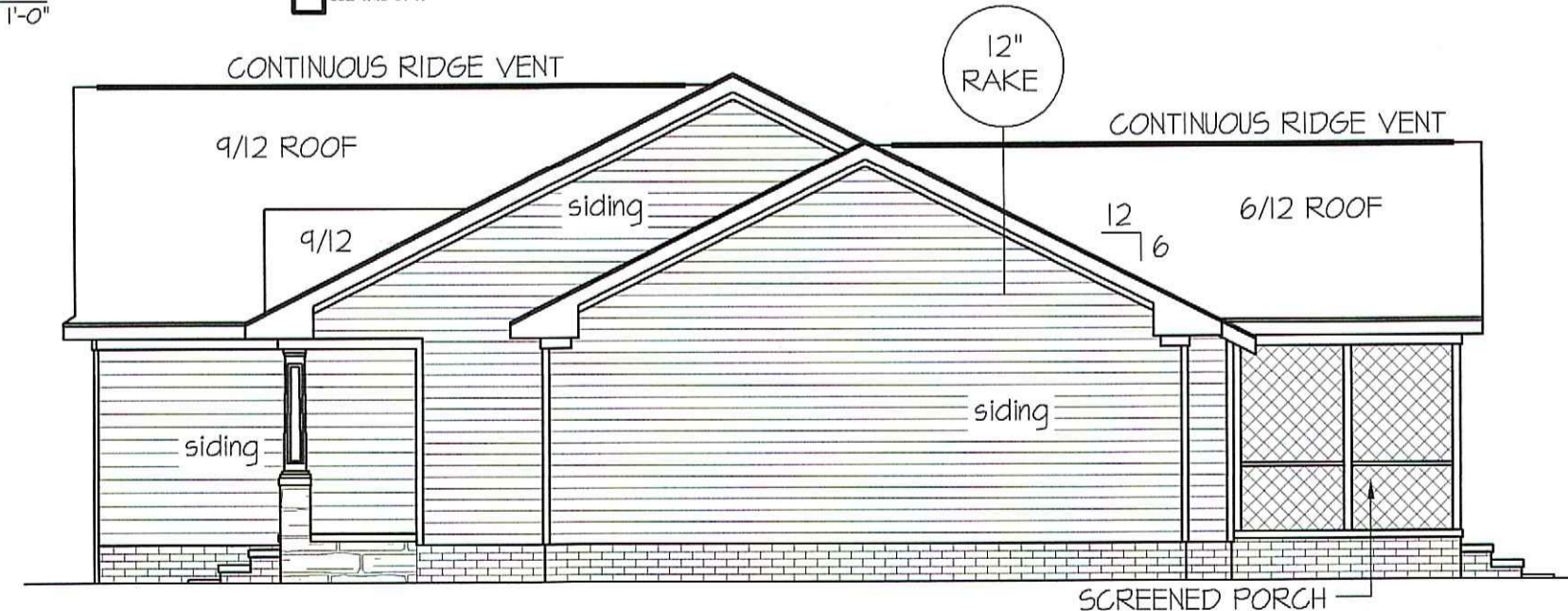


LEFT ELEVATION

SCALE: 1/8" = 1'-0"

OPTIONAL 3rd
 CAR GARAGE

USE THIS OPT.



RIGHT ELEVATION

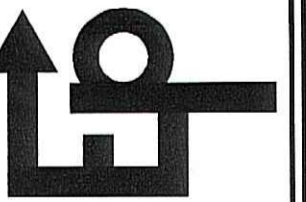
SCALE: 1/8" = 1'-0"

THE OWNER AND OR BUILDER SHALL BE RESPONSIBLE FOR
 VERIFYING DIMENSIONS/DETAILS & COMPLIANCE TO STATE
 & LOCAL CODES. EASTERN PLANS LLC. WILL NOT BE LIABLE
 FOR ERRORS OR OMISSIONS ON PLANS AFTER CONSTRUCTION
 PROCESS BEGINS. CHANGES OR MODIFICATIONS ARE TO BE
 SOLELY AT THE DISCRETION OF EASTERN PLANS LLC.

PLAN:
"The Salem -Ila"
 REVERSED

EASTERN PLANS, LLC

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SHEET NO.

1

FILE LOCATION: EASTERN PLANS-2019 PLANS-SALEM-11a

HEADER SCHEDULE

SYMBOL #	SIZE	JACKS
H-1	(2) 2x10	1
H-2	(2) 2x10	2
H-3	(2) 2x8	2
H-4	(2) 2x12	2
H-5	(2) 1.75 x 9.25 LVL	3

ALL INTERIOR AND EXTERIOR LOAD BEARING HEADERS WILL BE 2x10 #2 SPF UNLESS OTHERWISE NOTED.

ALL EXTERIOR WALLS TO BE SHEATHED WITH CS-WSP (1/16" OSB) IN ACCORDANCE WITH SECTION R602.10.3 UNLESS OTHERWISE NOTED.

TABLE R602.15
MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

HEADER SPAN (feet)	MAX. STUD SPACING (inches) [per Table R602.3(5)]	
< 3	16	24
3	1	1
4	2	2
5	3	3
6	4	4

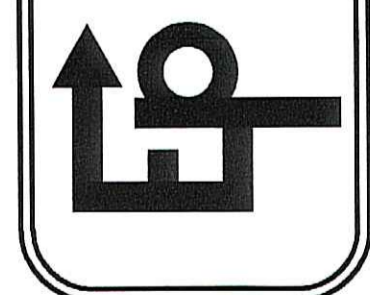
WIND ZONES (PER TABLE R301.2(4))

COUNTY	MPH
HARNETT	120
JOHNSTON	120
SAMPSON	130
WAKE	115

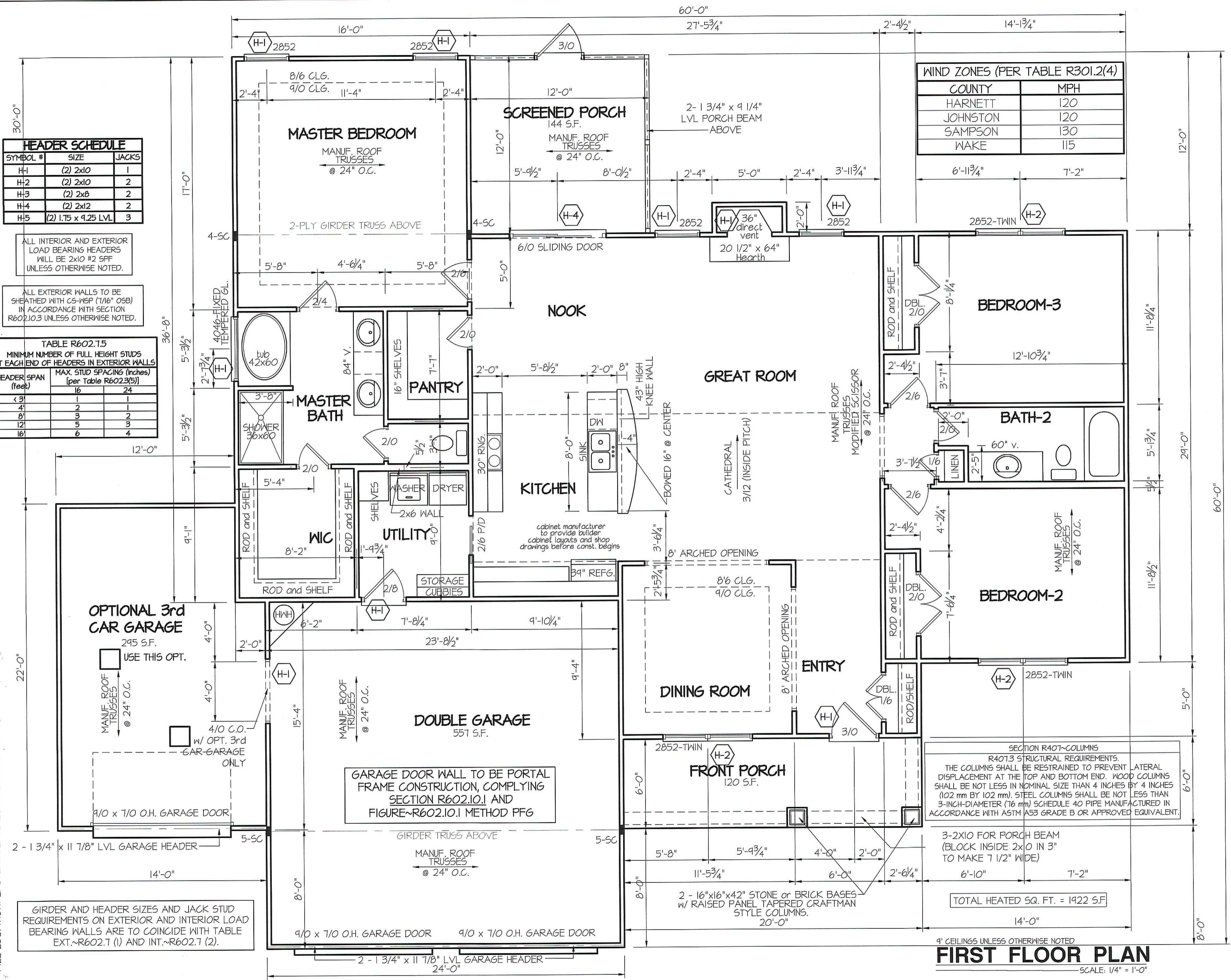
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2



SECTION R401-COLUMNS
R401.3 STRUCTURAL REQUIREMENTS.
THE COLUMNS SHALL BE RESTRAINED TO PREVENT LATERAL DISPLACEMENT AT THE TOP AND BOTTOM END. WOOD COLUMNS SHALL BE NOT LESS IN NOMINAL SIZE THAN 4 INCHES BY 4 INCHES (102 mm BY 102 mm). STEEL COLUMNS SHALL BE NOT LESS THAN 3-INCH-DIAMETER (76 mm) SCHEDULE 40 PIPE MANUFACTURED IN ACCORDANCE WITH ASTM A53 GRADE B OR APPROVED EQUIVALENT.

3-2X10 FOR PORCH BEAM (BLOCK INSIDE 2X10 IN 3" TO MAKE 7 1/2" WIDE)

2 - 16"x16"x42" STONE or BRICK BASES w/ RAISED PANEL TAPERED CRAFTMAN STYLE COLUMNS.

20'-0"

1' CEILINGS UNLESS OTHERWISE NOTED

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

TOTAL HEATED SQ. FT. = 1922 S.F.

GIRDER AND HEADER SIZES AND JACK STUD REQUIREMENTS ON EXTERIOR AND INTERIOR LOAD BEARING WALLS ARE TO COINCIDE WITH TABLE EXT.-R602.7 (1) AND INT.-R602.7 (2).

cabinet manufacturer to provide builder cabinet layouts and shop drawings before const. begins

CATHEDRAL 3/12 (INSIDE PITCH)

43" HIGH KNEE WALL

BOINED 16" @ CENTER

30" RING

2/6 P/D

39" REFG.

STORAGE CUBBIES

2/8

2/6

2/6

2/6

2/6

2/6

TOTAL HEATED SQ. FT. = 1922 S.F.

FILE LOCATION: EASTERN PLANS-2019 PLANS-SALEM-11a

FOUNDATION ANCHORAGE
 THE WOOD SOLE PLATE ON SLAB OR THE SILL PLATES ON CRAWL SPACE FND. SHALL BE ANCHORED TO THE FOUNDATION WITH ANCHOR BOLTS SPACED A MAXIMUM OF 4 FEET ON CENTER AND NOT MORE THAN 12 INCHES FROM THE ENDS OF EACH PLATE SECTION AND NOT MORE THAN 12" FROM EACH CORNER.
 BOLTS SHALL BE AT LEAST 1/2 INCH IN DIAMETER AND SHALL EXTEND A MINIMUM OF 15 INCHES INTO MASONRY OR CONCRETE.
 BOLTS CAN BE SUBSTITUTED WITH SIMPSON-MASA STRAPS @ 4' O.C. WHEN SLAB FOUNDATIONS ARE USED.

FOUNDATION VENTILATION INFORMATION
 (MIN. NET AREA CAN BE REDUCED TO 1/1500 1922 S.F. (CRAWL) x .096 = 1845.51 S.I. w/ APPROVED 6-mil POLYETHYLENE VAPOR RETARDER OR EQUIVALENT COVERING ALL EXPOSED EARTH IN CRAWL SPACE
 3 - "MITTEN AUTO. VENT" FND. VENTS ARE REQ'D.
 14 - "MITTEN AUTO. VENT" TO BE PROVIDED.

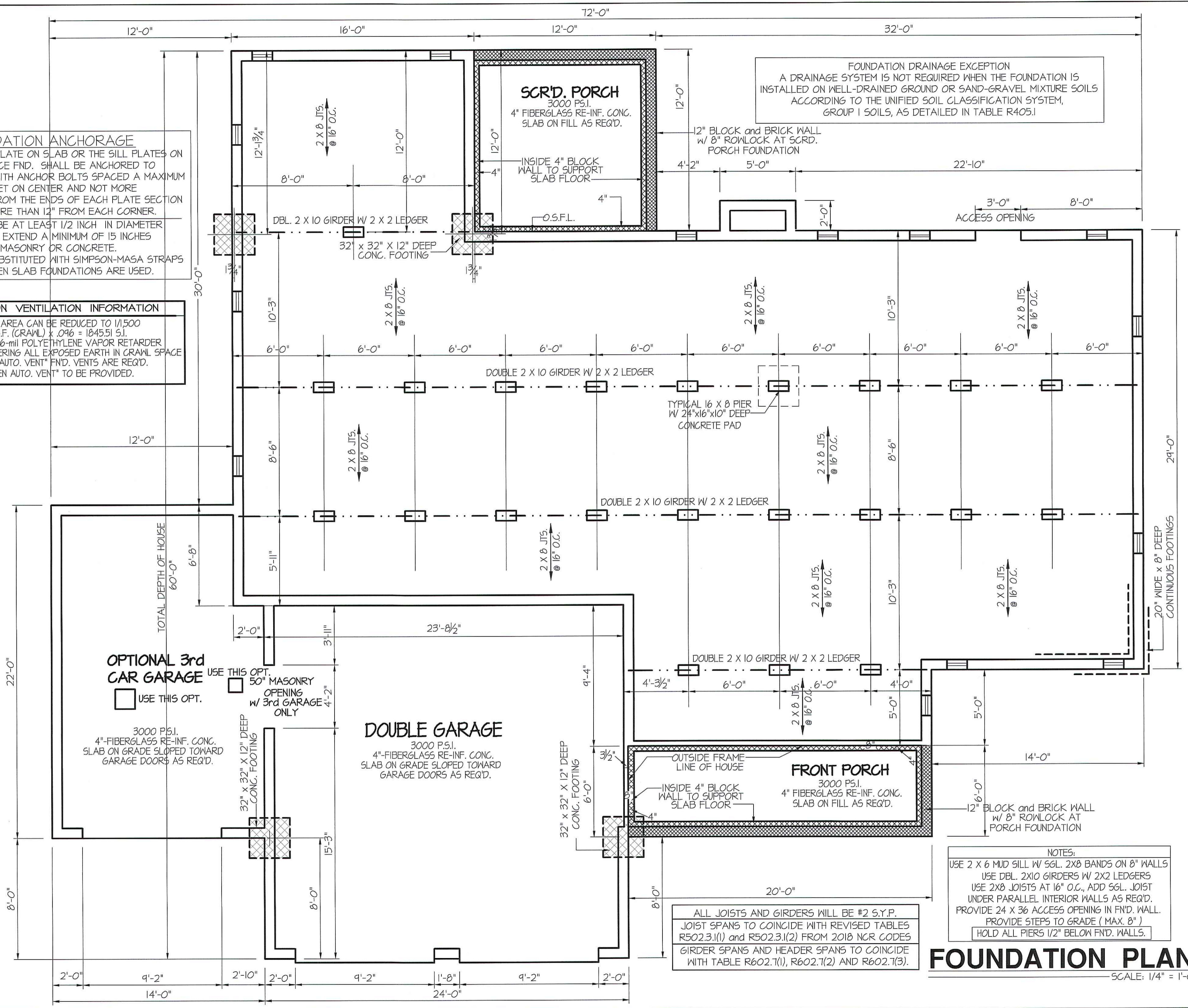
FOUNDATION DRAINAGE EXCEPTION
 A DRAINAGE SYSTEM IS NOT REQUIRED WHEN THE FOUNDATION IS INSTALLED ON WELL-DRAINED GROUND OR SAND-GRAVEL MIXTURE SOILS ACCORDING TO THE UNIFIED SOIL CLASSIFICATION SYSTEM, GROUP 1 SOILS, AS DETAILED IN TABLE R405.1

DATE:
 JUNE 5, 2019
 DEC. 5, 2019

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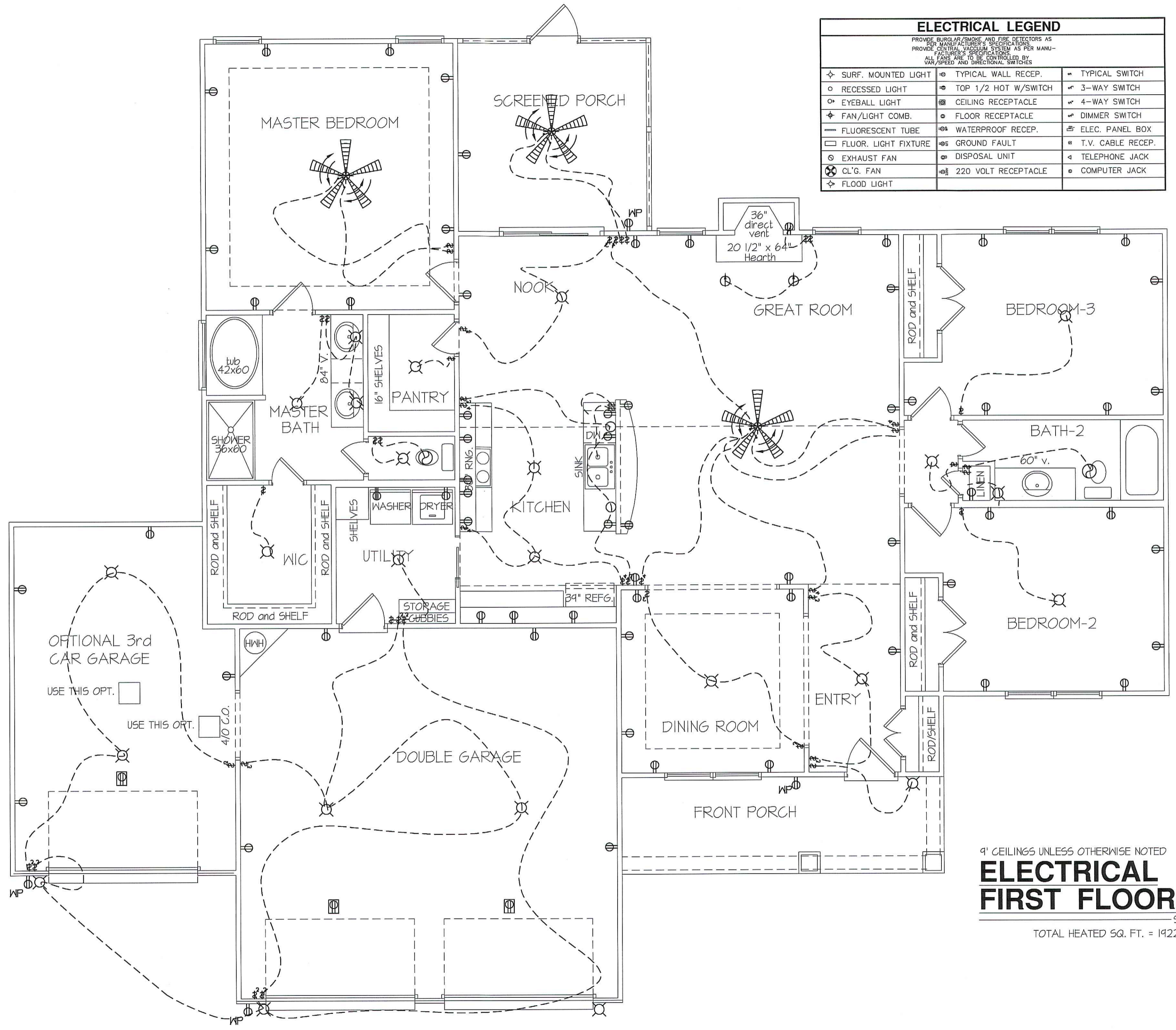


NOTES:
 USE 2 X 6 MUD SILL W/ SGL. 2X8 BANDS ON 8" WALLS
 USE DBL. 2X10 GIRDERS W/ 2X2 LEDGERS
 USE 2X8 JOISTS AT 16" O.C., ADD SGL. JOIST UNDER PARALLEL INTERIOR WALLS AS REQ'D.
 PROVIDE 24 X 36 ACCESS OPENING IN FND. WALL.
 PROVIDE STEPS TO GRADE (MAX. 8")
 HOLD ALL PIERS 1/2" BELOW FND. WALLS.

ALL JOISTS AND GIRDERS WILL BE #2 S.Y.P.
 JOIST SPANS TO COINCIDE WITH REVISED TABLES R502.3.1(1) AND R502.3.1(2) FROM 2018 NCR CODES
 GIRDER SPANS AND HEADER SPANS TO COINCIDE WITH TABLE R602.7(1), R602.7(2) AND R602.7(3).

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

FILE LOCATION: EASTERN PLANS-2019 PLANS-SALEM-11a



ELECTRICAL LEGEND		
<small>PROVIDE BURGLAR/SMOKE AND FIRE DETECTORS AS PER MANUFACTURER'S SPECIFICATIONS PROVIDE CENTRAL VACUUM SYSTEM AS PER MANUFACTURER'S SPECIFICATIONS ALL FANS ARE TO BE CONTROLLED BY VAR/SPEED AND DIRECTIONAL SWITCHES</small>		
⊕ SURF. MOUNTED LIGHT	⊕ TYPICAL WALL RECEPT.	⊕ TYPICAL SWITCH
○ RECESSED LIGHT	⊕ TOP 1/2 HOT W/SWITCH	⊕ 3-WAY SWITCH
⊕ EYEBALL LIGHT	⊕ CEILING RECEPTACLE	⊕ 4-WAY SWITCH
⊕ FAN/LIGHT COMB.	⊕ FLOOR RECEPTACLE	⊕ DIMMER SWITCH
— FLUORESCENT TUBE	⊕ WATERPROOF RECEPT.	⊕ ELEC. PANEL BOX
⊕ FLUOR. LIGHT FIXTURE	⊕ GROUND FAULT	⊕ T.V. CABLE RECEPT.
⊕ EXHAUST FAN	⊕ DISPOSAL UNIT	⊕ TELEPHONE JACK
⊕ CL'G. FAN	⊕ 220 VOLT RECEPTACLE	⊕ COMPUTER JACK
⊕ FLOOD LIGHT		

9' CEILINGS UNLESS OTHERWISE NOTED
ELECTRICAL FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"
 TOTAL HEATED SQ. FT. = 1922 S.F.

DATE:
 JUNE 5, 2019

PLAN:
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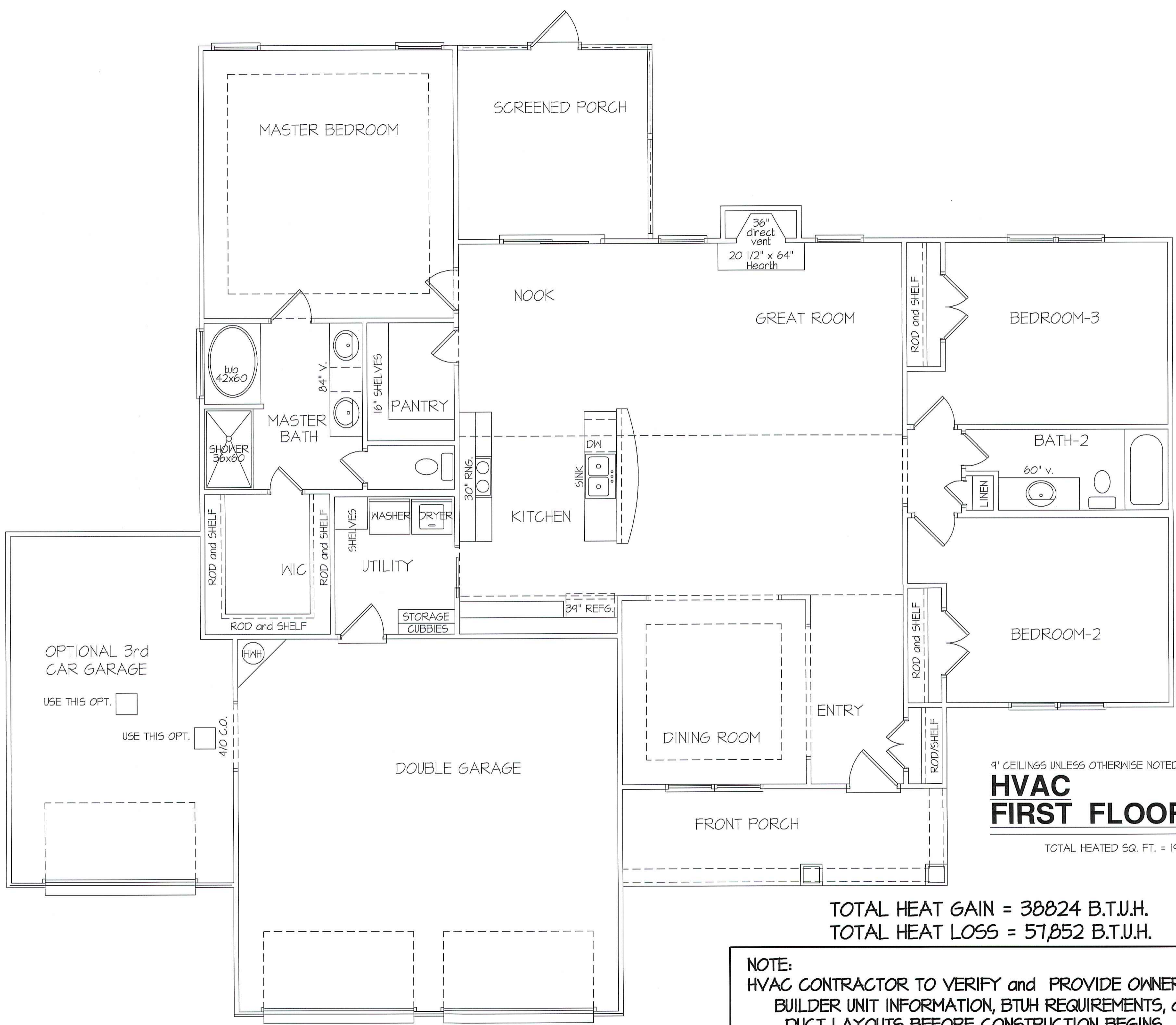
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9' CEILINGS UNLESS OTHERWISE NOTED
HVAC
FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"
TOTAL HEATED SQ. FT. = 1922 S.F.

TOTAL HEAT GAIN = 38824 B.T.U.H.
TOTAL HEAT LOSS = 57,852 B.T.U.H.

NOTE:
HVAC CONTRACTOR TO VERIFY and PROVIDE OWNERS and BUILDER UNIT INFORMATION, BTUH REQUIREMENTS, and DUCT LAYOUTS BEFORE CONSTRUCTION BEGINS.