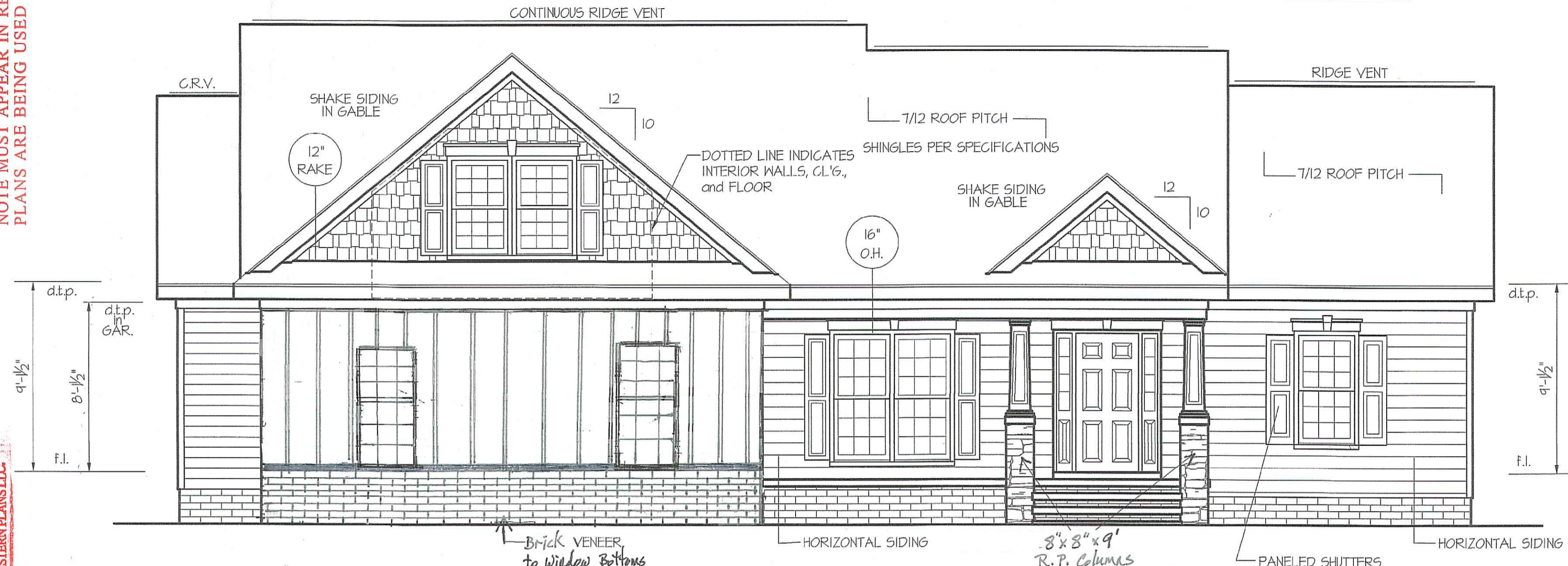


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THIS PLAN IS DESIGNED TO MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION



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

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

COUNTY	MPH
HARNETT	120
JOHNSTON	120
SAMPSON	130
WAKE	115

INSULATION and FENESTRATION REQUIREMENTS

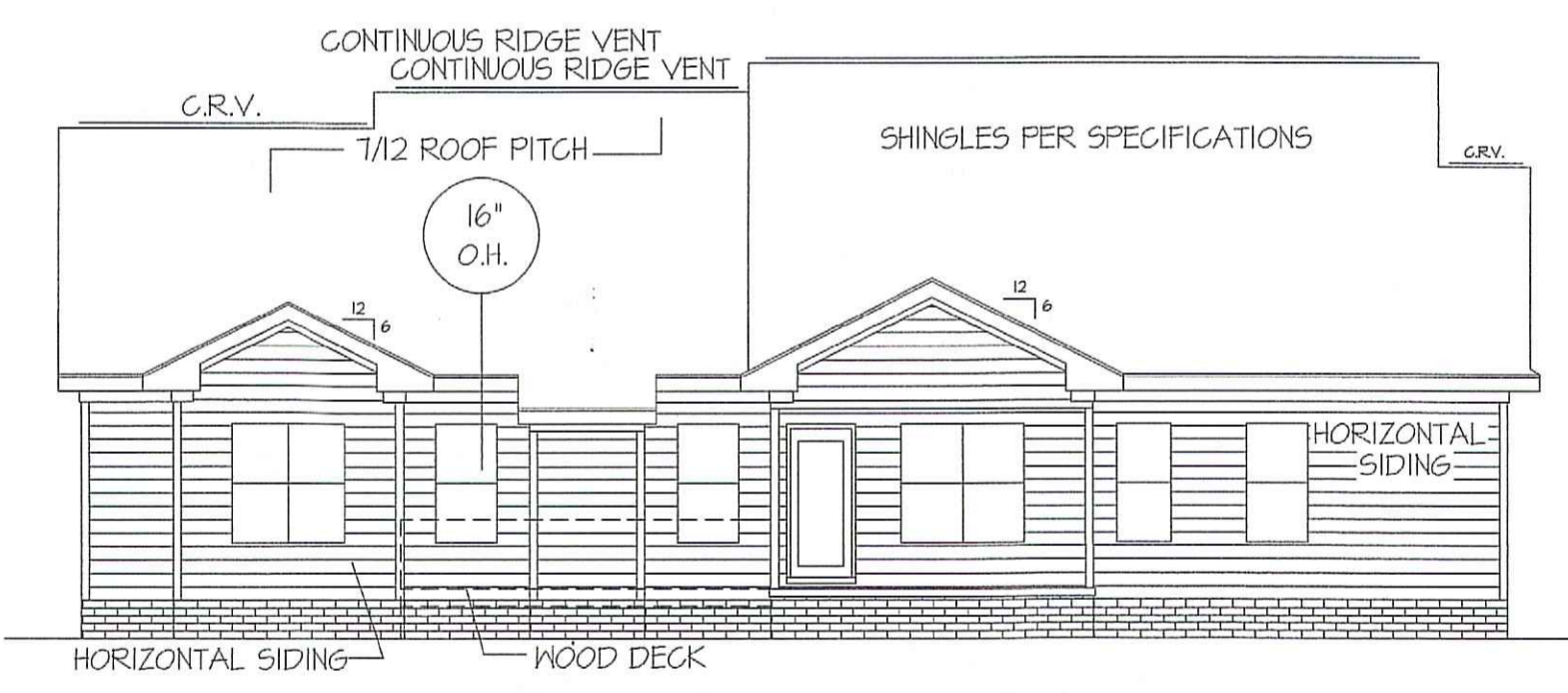
CLIMATE ZONE	ZONE-3	ZONE-4
FENESTRATION U-FACTOR	0.35	0.35
GLAZED FENESTRATION SHGC	0.30	0.30
MINIMUM CEILING R-VALUE	R-38	R-38
MINIMUM WALL R-VALUE	R-15, 13+2.5	R-15, 13+2.5
MINIMUM FLOOR R-VALUE	R-14	R-14
MIN. CRAWL SPACE WALL R-VALUE	5/13	10/15
MIN. SLAB R-VALUE	0	R-10

PROVIDE STEPS AS REQUIRED
 GRADE MAY VARY - BUILDER TO VERIFY

GENERAL NOTES
 PROVIDE STEPS AS REQUIRED
 GRADE MAY VARY - BUILDER TO VERIFY

ROOF VENTILATION REQ'MTS.
 2782 ATTIC SQ. FT. / 300 = 9.27
 PROVIDED ON PLAN
 136 L.F. RIDGE VENT = 25.5
 123 L.F. SOFFIT VENT = 7.69
 TOTAL = 33.19 S.F. FREE NET AREA

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



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



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

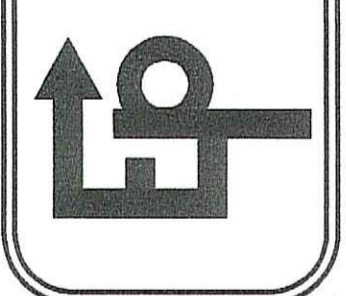


RIGHT ELEVATION
 SCALE: 1/8" = 1'-0"

DATE:
 MARCH 5, 2021

PLAN:
"THE OAKLAND" TM

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SHEET NO.
1

DISK NO. C.F. "OAKLAND" DEC. 2020

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SECTION THRU REC. ROOM

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

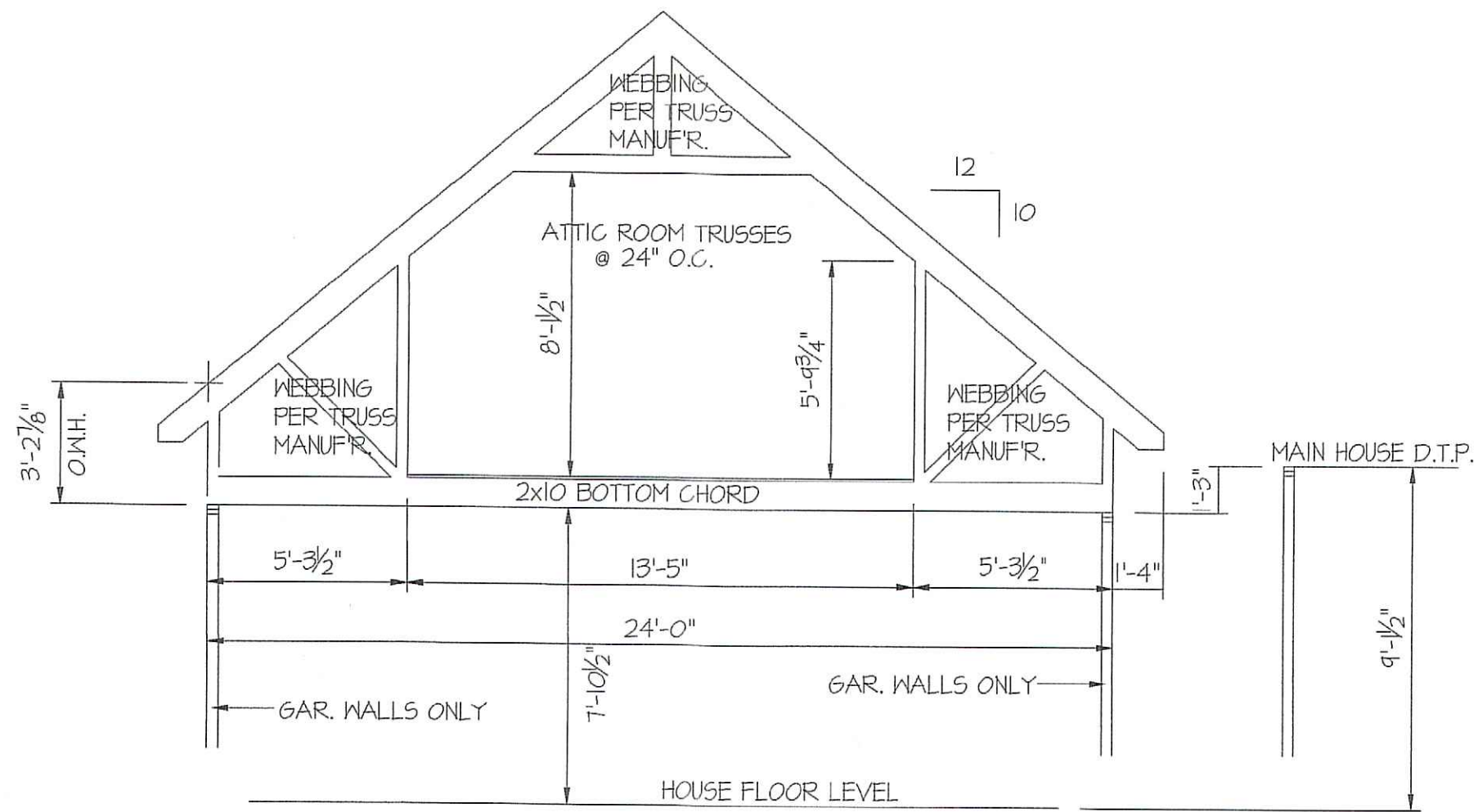


TABLE R602.7.5
 MINIMUM NUMBER OF FULL HEIGHT STUDS
 AT EACH END OF HEADERS IN EXTERIOR WALLS

HEADER SPAN (feet)	MAX. STUD SPACING (inches) [per Table R602.3(5)]	
	16	24
< 3'	1	1
4'	2	1
8'	3	2
12'	5	3
16'	6	4

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).

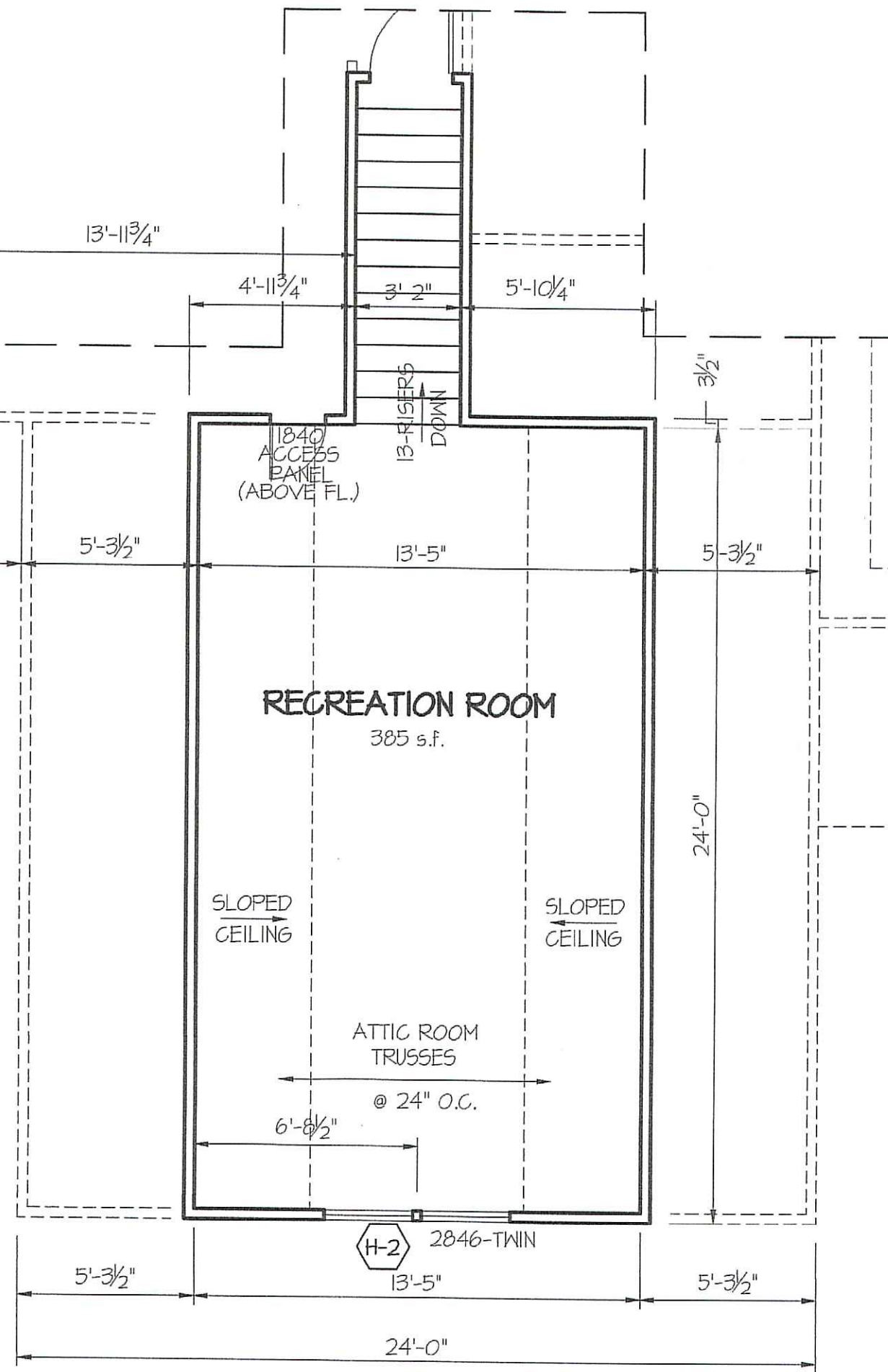
WIND ZONES (PER TABLE R301.2(4))

COUNTY	MPH
HARNETT	120
JOHNSTON	120
SAMPSON	130
WAKE	115

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

8' CEILINGS (UNLESS OTHERWISE NOTED)
SECOND FLOOR PLAN
 SCALE: 1/4" = 1'-0"



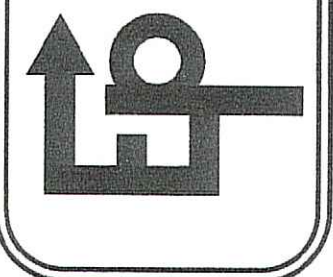
ALL EXTERIOR WALLS TO BE
 SHEATHED WITH CS-WSP (1/16" OSB)
 IN ACCORDANCE WITH SECTION
 R602.10.3 UNLESS OTHERWISE NOTED.

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

DATE:
 MARCH 5, 2021

PLAN:
"THE OAKLAND" (M)

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SHEET NO.
2b

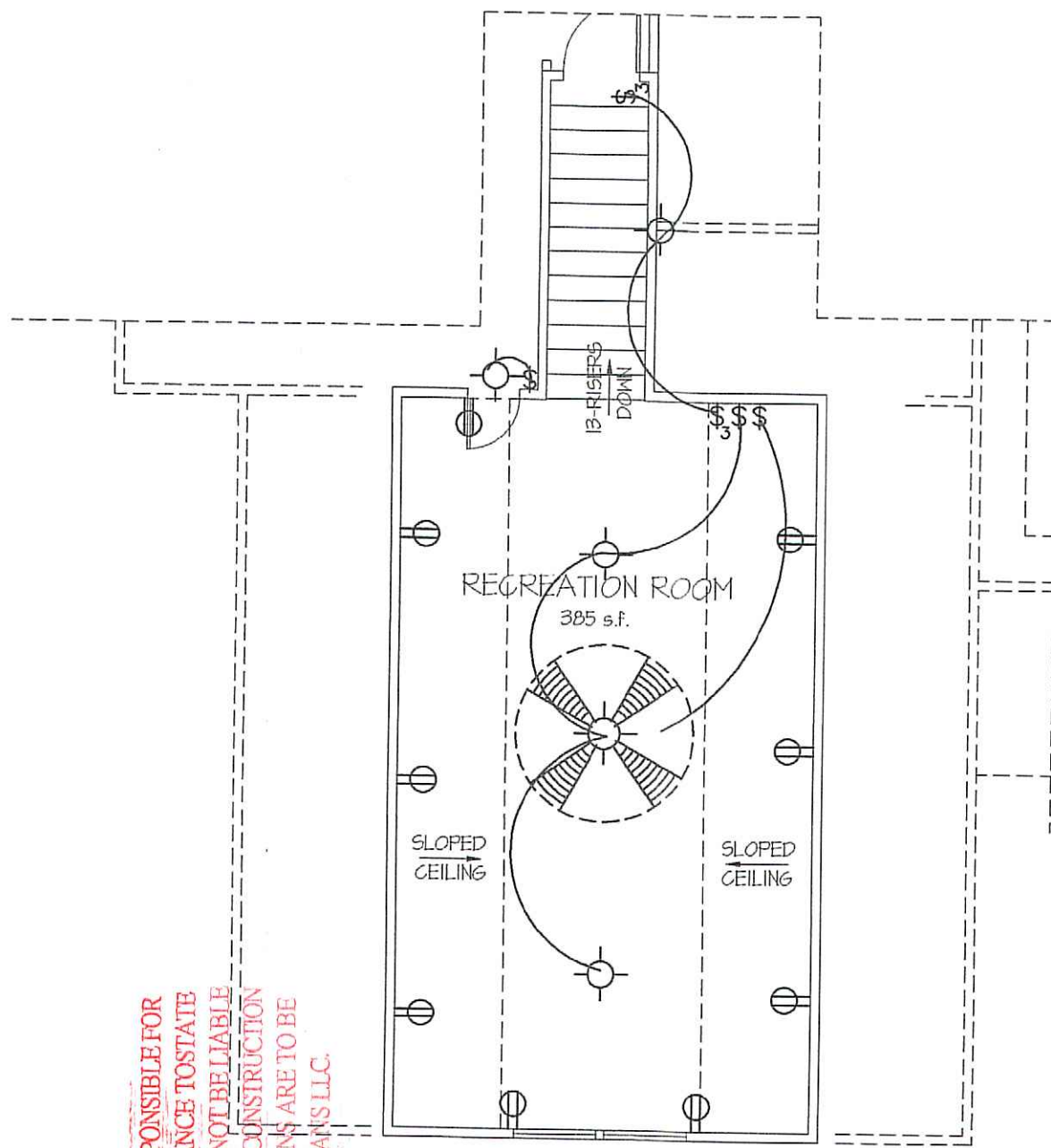
DATE:

MARCH 5, 2021

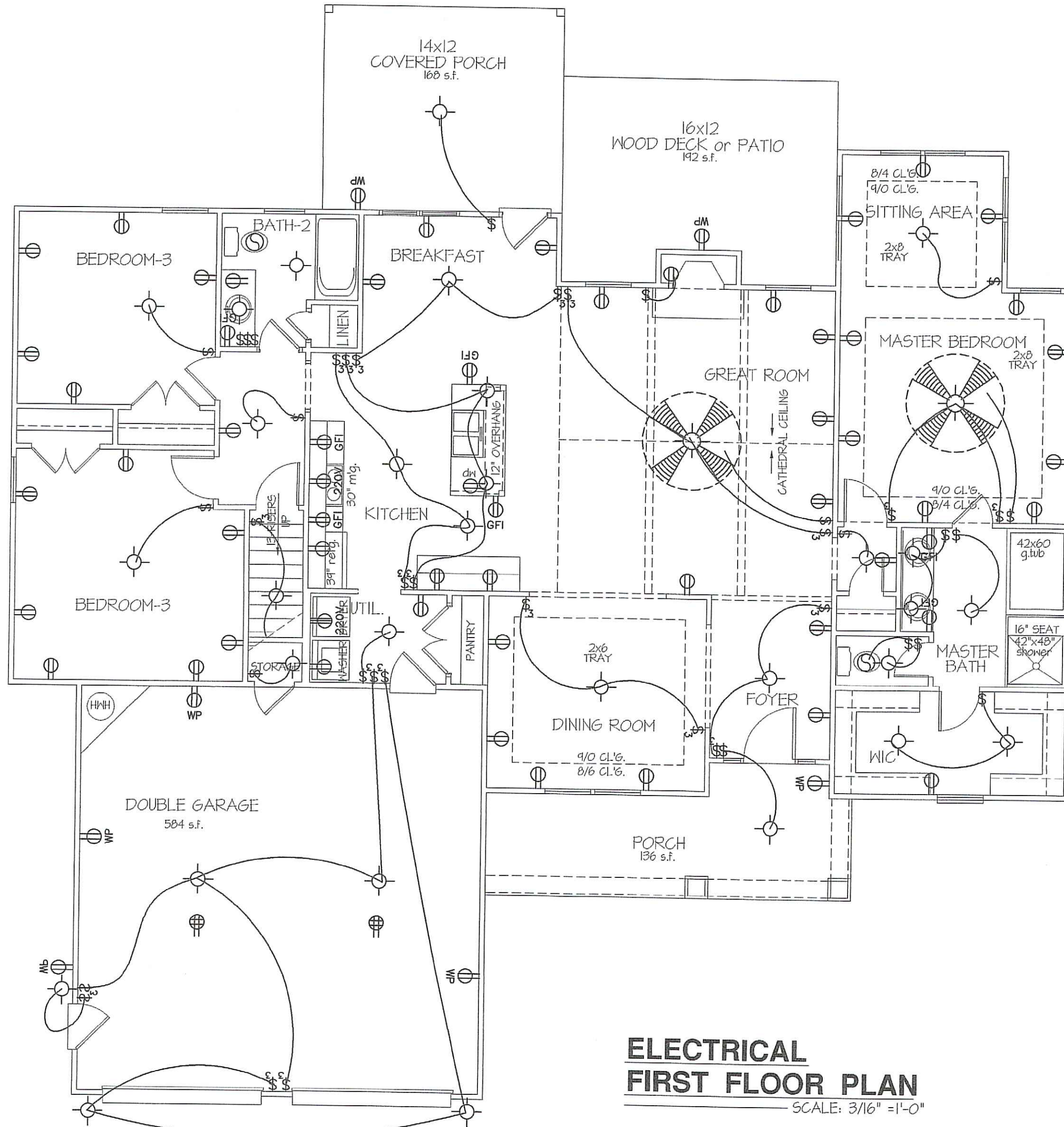
ELECTRICAL LEGEND

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

⊕ SURF. MOUNTED LIGHT	⊕ TYPICAL WALL RECEP.	⊕ 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 RECEP.	⊕ ELEC. PANEL BOX
□ FLUOR. LIGHT FIXTURE	⊕ GROUND FAULT	⊕ T.V. CABLE RECEP.
⊕ EXHAUST FAN	⊕ DISPOSAL UNIT	⊕ TELEPHONE JACK
⊕ CL'G. FAN	⊕ 220 VOLT RECEPTACLE	⊕ COMPUTER JACK
⊕ FLOOD LIGHT		



8' CEILINGS (UNLESS OTHERWISE NOTED)
ELECTRICAL SECOND FLOOR PLAN
 SCALE: 3/16" = 1'-0"



ELECTRICAL FIRST FLOOR PLAN
 SCALE: 3/16" = 1'-0"

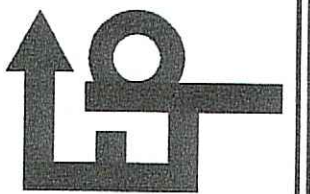
MAIN FLOOR = 1894 S.F.
 REC. ROOM = 305 S.F.
 GARAGE = 584 S.F.
 F.PORCH = 136 S.F.
 SCR.D. PORCH = 168 S.F.
 WDECK or PATIO = 168 S.F.

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SHEET NO.

4

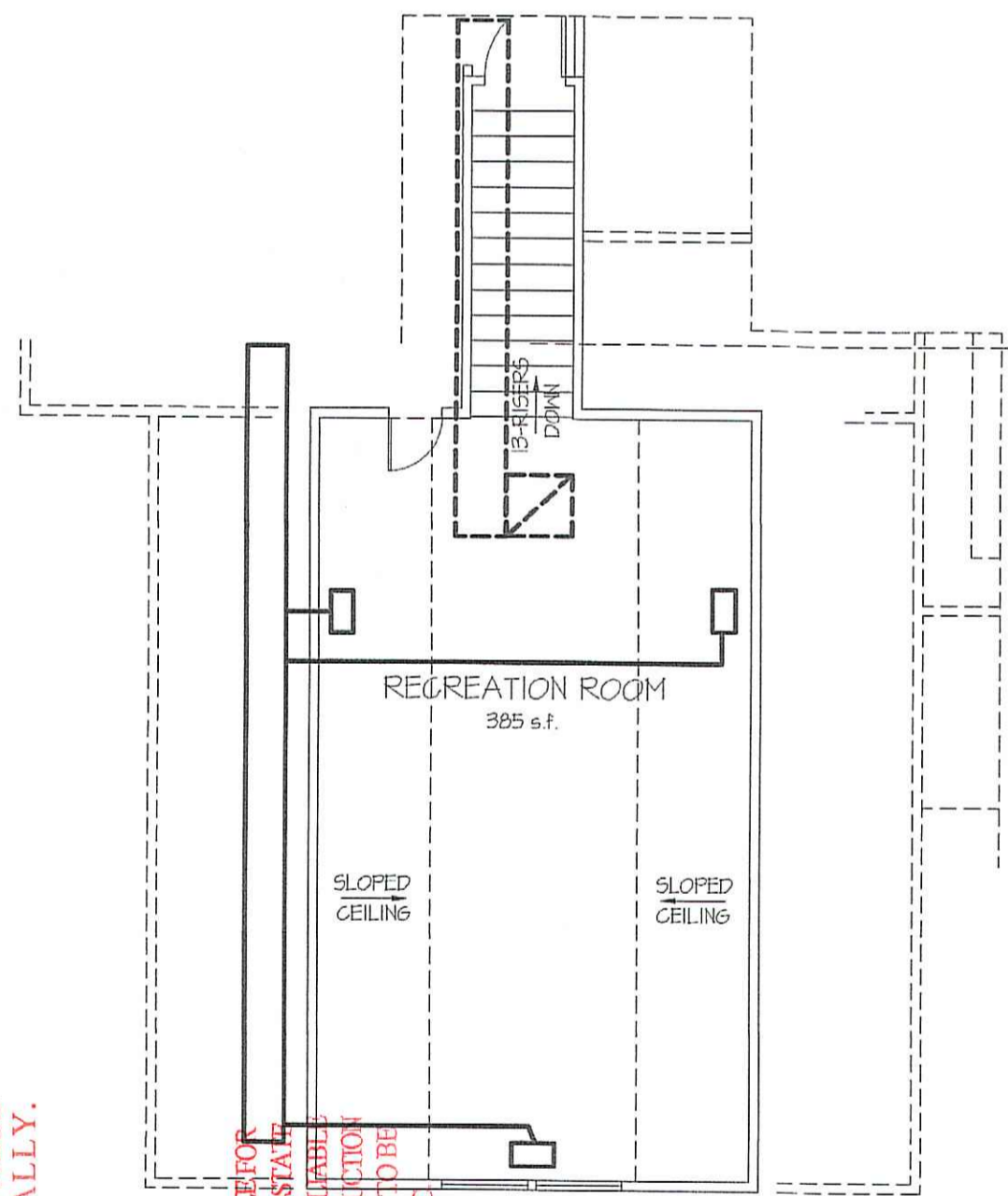
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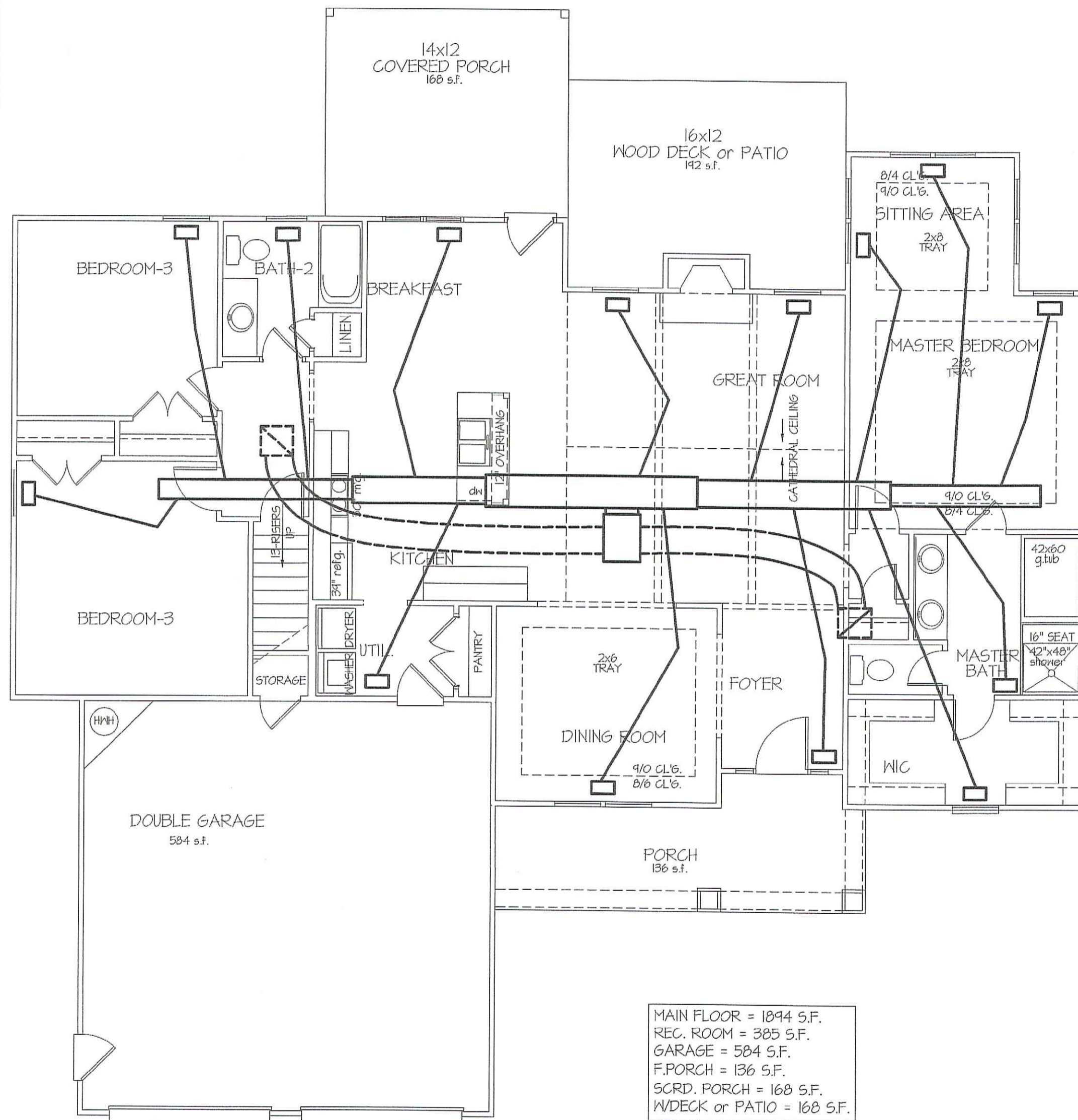
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NOTE:
 HVAC CONTRACTOR TO VERIFY and PROVIDE OWNERS and
 BUILDER UNIT INFORMATION, BTUH REQUIREMENTS, and
 DUCT LAYOUTS BEFORE CONSTRUCTION BEGINS.



TO A HEAT GAIN = 8,123 B.T.U.H.
 TO A HEAT LOSS = 12,282 B.T.U.H.

HVAC
SECOND FLOOR PLAN
 SCALE: 3/16" = 1'-0"



MAIN FLOOR = 1894 S.F.
 REC. ROOM = 385 S.F.
 GARAGE = 584 S.F.
 F.PORCH = 136 S.F.
 SCR.D. PORCH = 168 S.F.
 W.DECK or PATIO = 168 S.F.

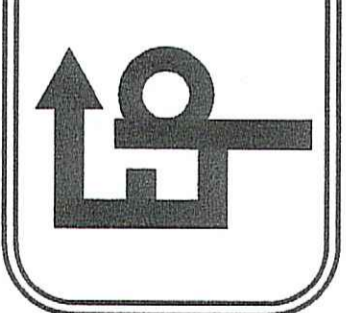
TOTAL HEAT GAIN = 41,857 B.T.U.H.
 TOTAL HEAT LOSS = 60,197 B.T.U.H.

HVAC
FIRST FLOOR PLAN
 SCALE: 3/16" = 1'-0"

DATE:
 MARCH 5, 2021

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"THE OAKLAND"

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