

SHEET NO. **2**

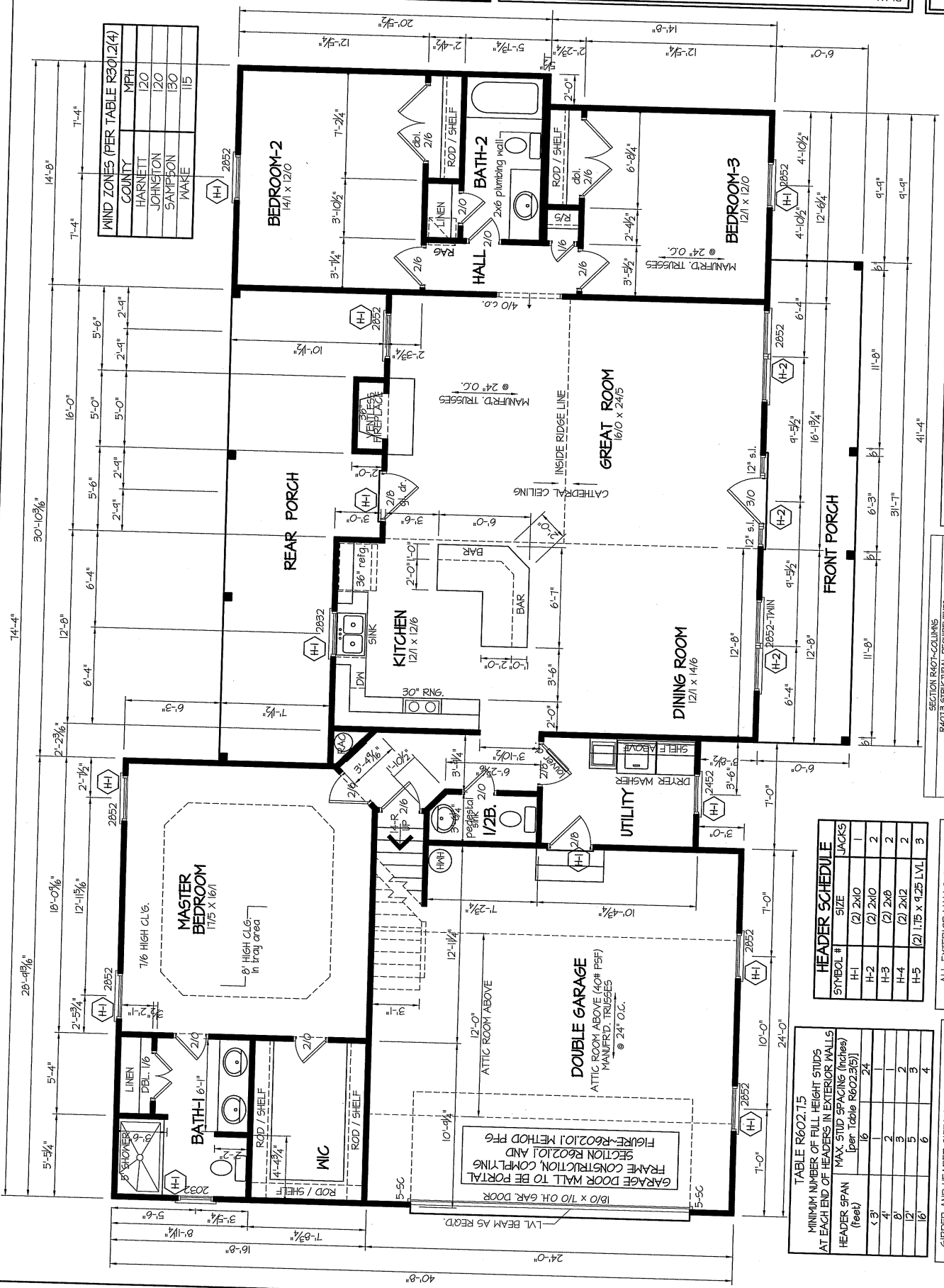
1st FLOOR PLAN
SCALE: 1/4" = 1'-0"

PLAN:

**EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES
Campbell-III ~ Caleb Jackson**

FREEDOM FAMILY HOMES
P.O. BOX 608
DUNN, N.C. - 28335
© 2025, FREEDOM FAMILY HOMES
O: (910) 892-1231 FAX: (910) 892-5680

DATE:
February 4, 2025



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

COUNTY	MPH
HARNETT	120
JOHNSON	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

TABLE R602.7.5
MINIMUM NUMBER OF FILL HEIGHT STUDS
AT EACH END OF HEADERS IN EXTERIOR WALLS
MAX. STUD SPACING (inches)
(per Table R602.3(5))

HEADER SPAN (feet)	1	2	3	4
1-3'	16	24		
4'	2	1		
6'	3	2		
12'	5	3		
16'	6			

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

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).

SECTION R407.3 STRUCTURAL REQUIREMENTS.
THE COLUMNS SHALL BE RESTRAINED TO PREVENT LATERAL DISPLACEMENT AT THE JOINTS. ALL WOOD COLUMNS SHALL BE NOT LESS IN NOMINAL SIZE THAN 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.

ALL INTERIOR AND EXTERIOR LOAD BEARING HEADERS WILL BE 2X10 #2 SPT UNLESS OTHERWISE NOTED.

1842 5/8" (61 FL. HEATED-FRAME)
326 5/8" (UNEATED-5/8" RM)
120 5/8" (FRONT PORCH)
256 5/8" (REAR PORCH)

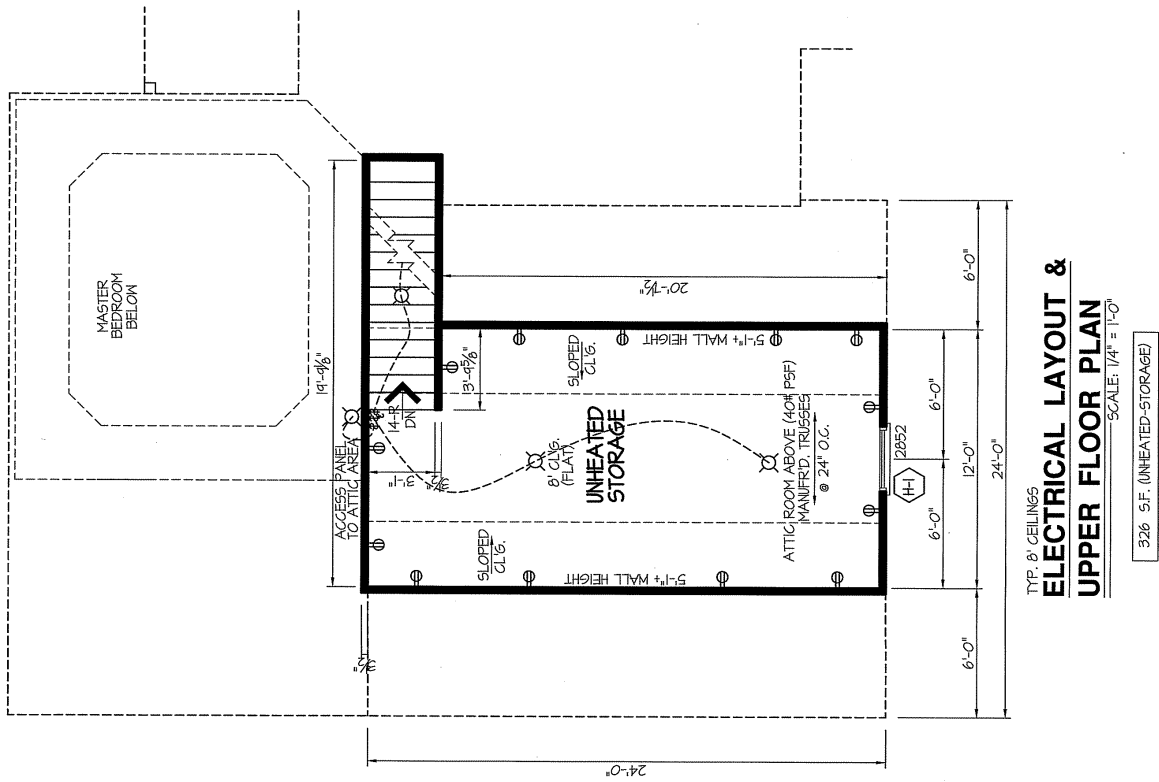
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TYP. 8' CEILINGS
**ELECTRICAL LAYOUT &
UPPER FLOOR PLAN**
SCALE: 1/4" = 1'-0"
326 S.F. (UNHEATED-STORAGE)

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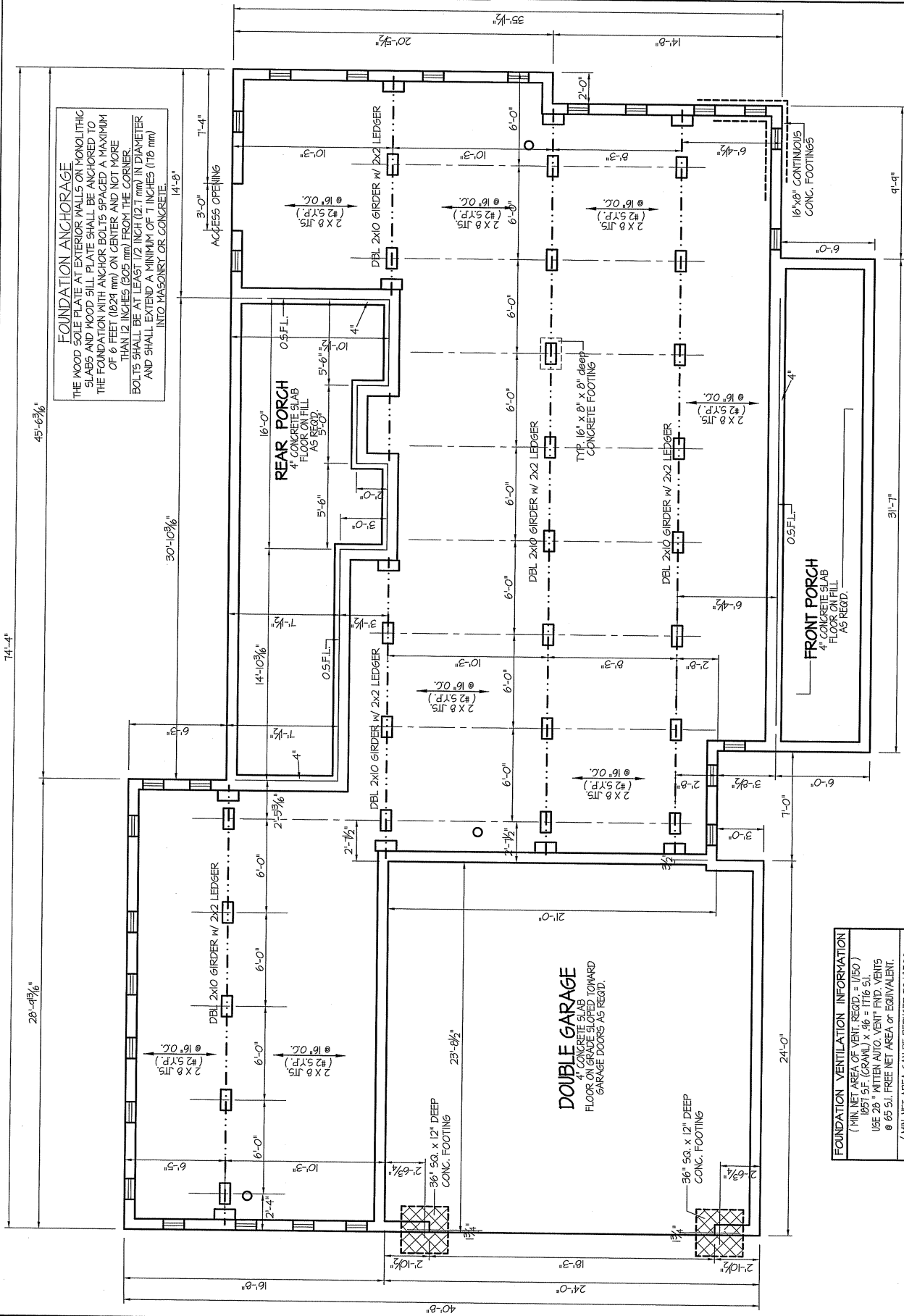
BOX SILL
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

ALL JOISTS AND GIRDERS WILL BE #2 SYP.
JOIST SPANS TO CONFORM WITH REVISED TABLES
R502.3(1) AND R502.3(2) FROM 2018 NRC CODES.
GIRDER SPANS AND HEADER SPANS TO CONFORM
WITH TABLE R602.1(1), R602.1(2) AND R602.1(3).

NOTES:
USE 2" X 8" MID SILL W/ DEL 2X10 BANDS ON 8" WALLS.
PROVIDE ANCHOR BOLTS PER NC STATE CODE.
USE DEL 2X10 GIRDERS W/ 2X12 LEDGERS.
USE 2X8 JOISTS AT 16" O.C., ADD 36L JOIST
UNDER PARALLEL INTERIOR WALLS AS REQD.
PROVIDE 24" X 36" ACCESS OPENING IN FND. WALL.
PROVIDE STEPS TO GRADE (MAX. 6").

FOUNDATION VENTILATION INFORMATION
(MIN NET AREA OF VENT REQD = 1/500)
USE 28" S.F. (GAWL) X 96" = 1716 S.F.
USE 28" MITTEN AUTO. VENT FND. VENTS
@ 65 S.F. FREE NET AREA OR EQUIVALENT.
(MIN NET AREA CAN BE REDUCED TO 1/500
IF: 1) 28" (GAWL) X 96" = 1716 S.F.
USE 31" MITTEN AUTO. VENT FND. VENTS
@ 65 S.F. FREE NET AREA OR EQUIVALENT
W/ APPROVED 6-mil POLYETHYLENE VAPOR RETARDER
OR EQUIVALENT IN GRAWL SPACE.
REQUIRED VENTS ARE TO BE PLACED 50% AS TO
PROVIDE CROSS-VENTILATION OF THE GRAWL SPACE.

FOUNDATION ANCHORAGE
THE WOOD SOLE PLATE AT EXTERIOR WALLS ON MONOLITHIC
SLABS AND WOOD SILL PLATE SHALL BE ANCHORED TO
THE FOUNDATION WITH ANCHOR BOLTS SPACED A MAXIMUM
OF 6 FEET (1824 mm) ON CENTER AND NOT MORE
THAN 12 INCHES (305 mm) FROM THE CORNER.
BOLTS SHALL BE AT LEAST 1/2 INCH (12.7 mm) IN DIAMETER
AND SHALL EXTEND A MINIMUM OF 7 INCHES (178 mm)
INTO MASONRY OR CONCRETE.



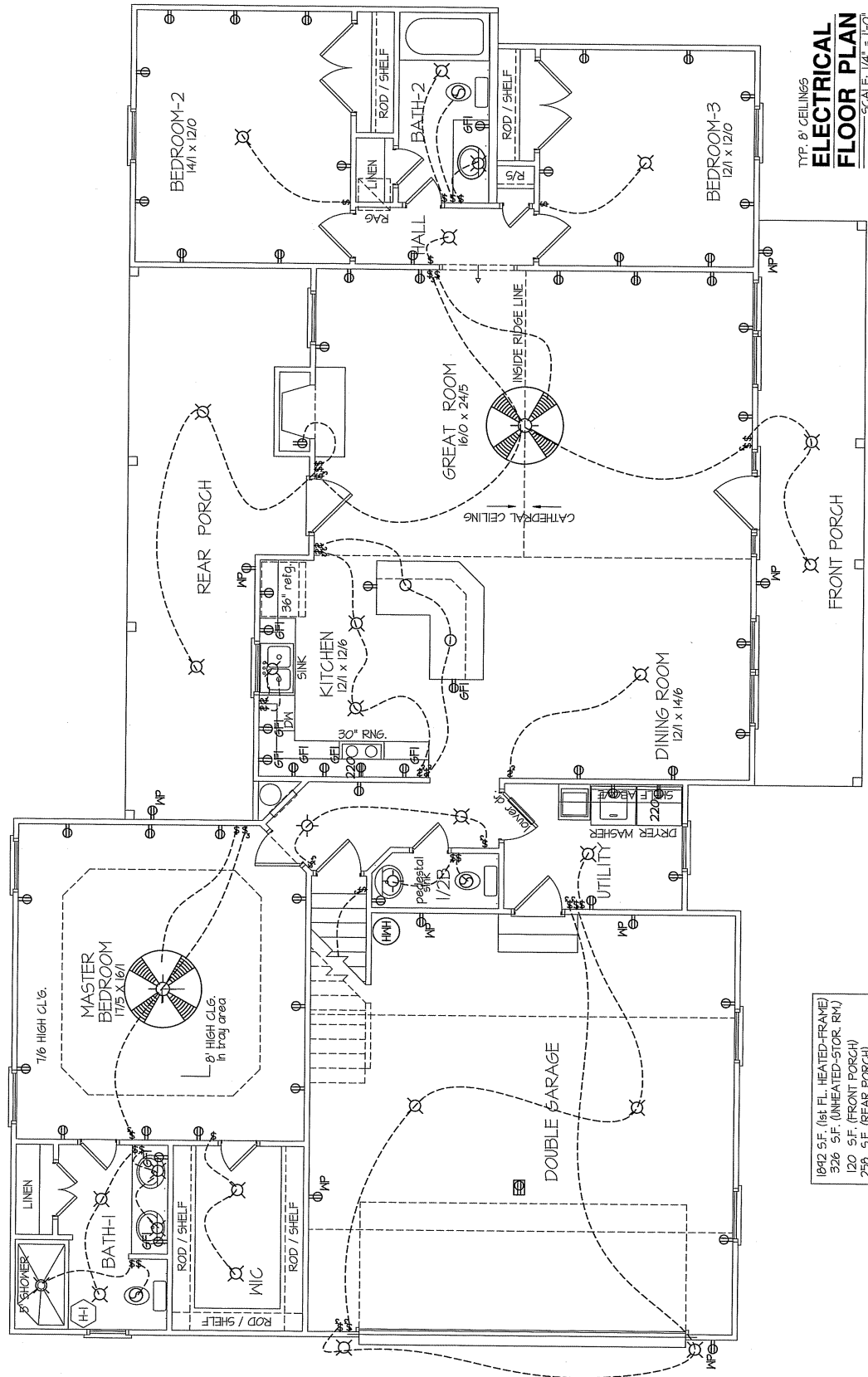
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TYP. Ø' CEILINGS
**ELECTRICAL
FLOOR PLAN**
SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND	
PROVIDE ALL ELECTRICAL AND HVAC REQUIREMENTS AS SHOWN. PROVIDE ALL ELECTRICAL AND HVAC REQUIREMENTS AS PER MANUFACTURER'S SPECIFICATIONS. PROVIDE ALL ELECTRICAL AND HVAC REQUIREMENTS AS PER MANUFACTURER'S SPECIFICATIONS.	
⬡ SURF. MOUNTED LIGHT	⬡ TYPICAL WALL RECP.
⬡ RECESSED LIGHT	⬡ TOP 1/2 HOT W/SWITCH
⬡ EYEBALL LIGHT	⬡ CEILING RECEPTACLE
⬡ FAN/LIGHT COMB.	⬡ DIMMER SWITCH
⬡ FLUORESCENT TUBE	⬡ WATERPROOF RECP.
⬡ FLOOR. LIGHT FIXTURE	⬡ T.V. CABLE RECP.
⬡ EXHAUST FAN	⬡ DISPOSAL UNIT
⬡ CLG. FAN	⬡ 220 VOLT RECEPTACLE
⬡ FLOOD LIGHT	⬡ COMPUTER JACK

1942 S.F. (1st FL. HEATED-FRAME)
326 S.F. (UNHEATED-STOR. RM.)
120 S.F. (FRONT PORCH)
258 S.F. (REAR PORCH)

TOTAL HEAT GAIN = 30,461 B.T.U.H.
TOTAL HEAT LOSS = 48,152 B.T.U.H.

NOTE:
HVAC CONTRACTOR TO PROVIDE OWNERS AND BUILDERS
UNIT INFORMATION, BTUH REQUIREMENTS, AND
DUCT LAYOUTS BEFORE CONSTRUCTION BEGINS.

PIER and GIRDER

NOTE: OVERHANG DISTANCE NOTED ON ELEVATION SHEET IS ALWAYS MEASURED FROM FRAME LINE

