

# THE SAPAUGH RESIDENCE

## SQUARE FOOTAGES

FIRST FLOOR:	1945
SECOND FLOOR:	1056
TOTAL LIVING:	3001
GARAGE:	915
FR PORCH:	280
KIT PORCH:	170
SIDE PORCH:	95
PATIO:	170

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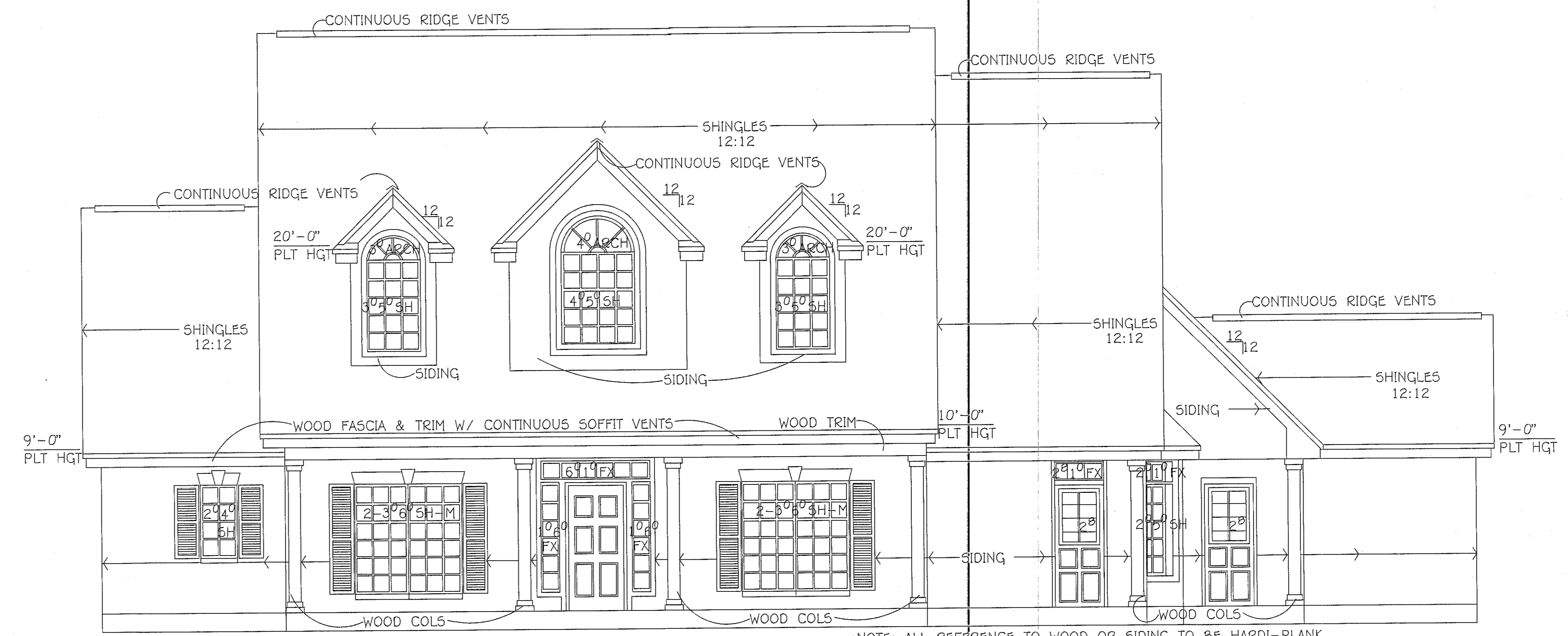
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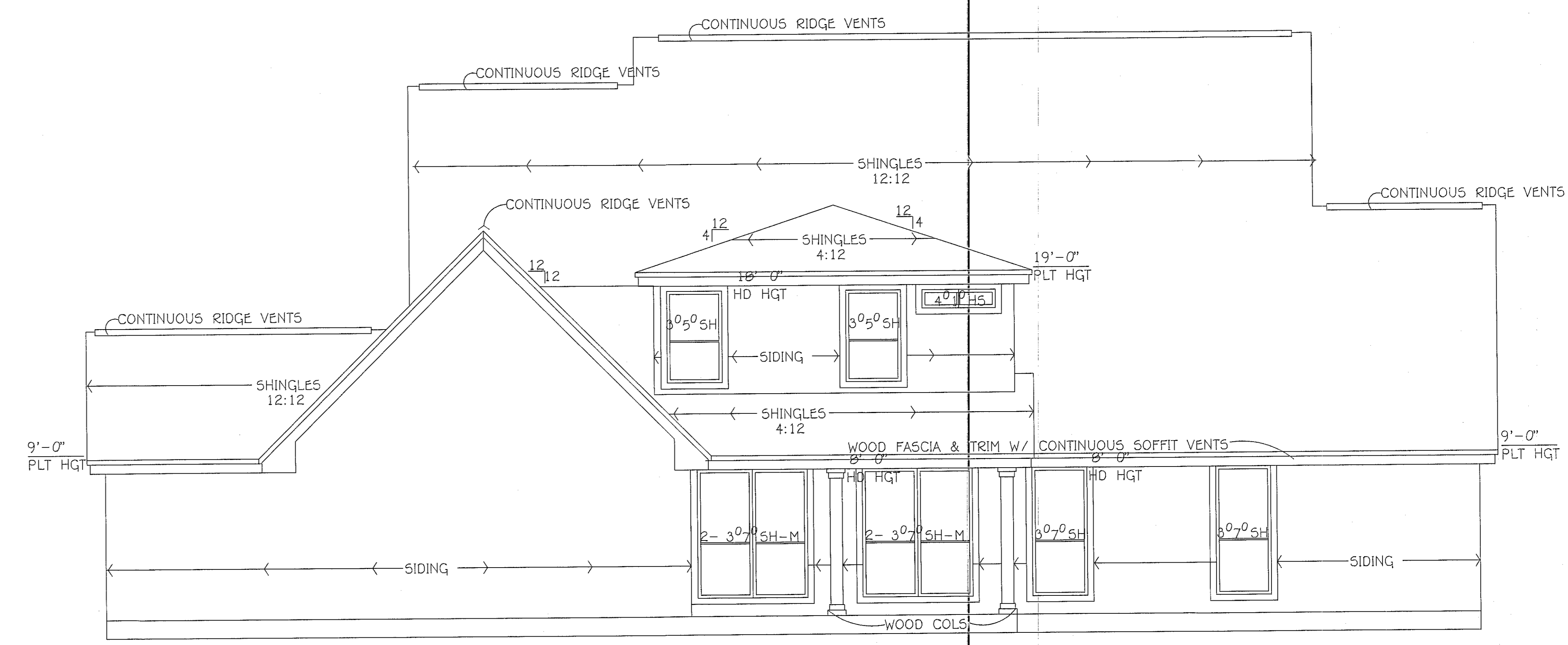
A NEW RESIDENCE FOR:  
MR & MRS GREG SAPAUGH

SHEET  
1  
OF 8  
PROJECT #  
3001

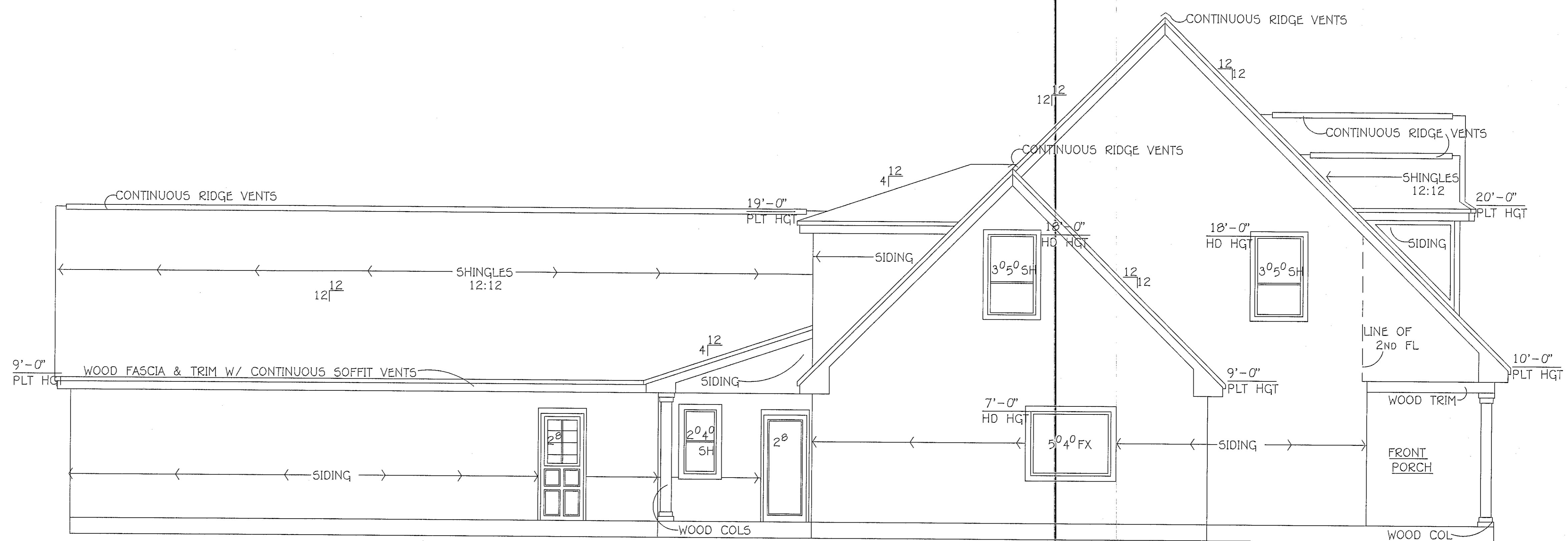


FRONT ELEVATION sc: 1/4" = 1'-0"

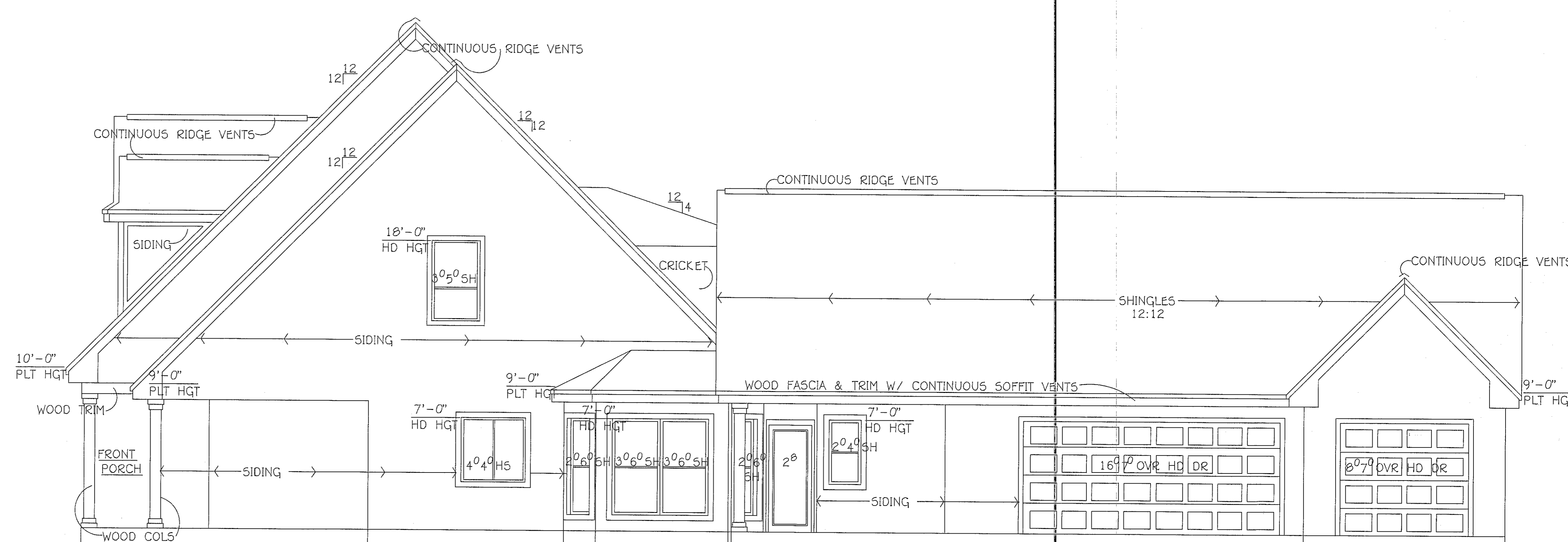
\*NOTE: ALL REFERENCE TO WOOD OR SIDING TO BE HARDI-PLANK.  
\*NOTE: WRAP ALL WINDOWS W/ HARDI-PLANK.



BACK ELEVATION sc: 1/4" = 1'-0"



SIDE ELEVATION sc: 1/4" = 1'-0"

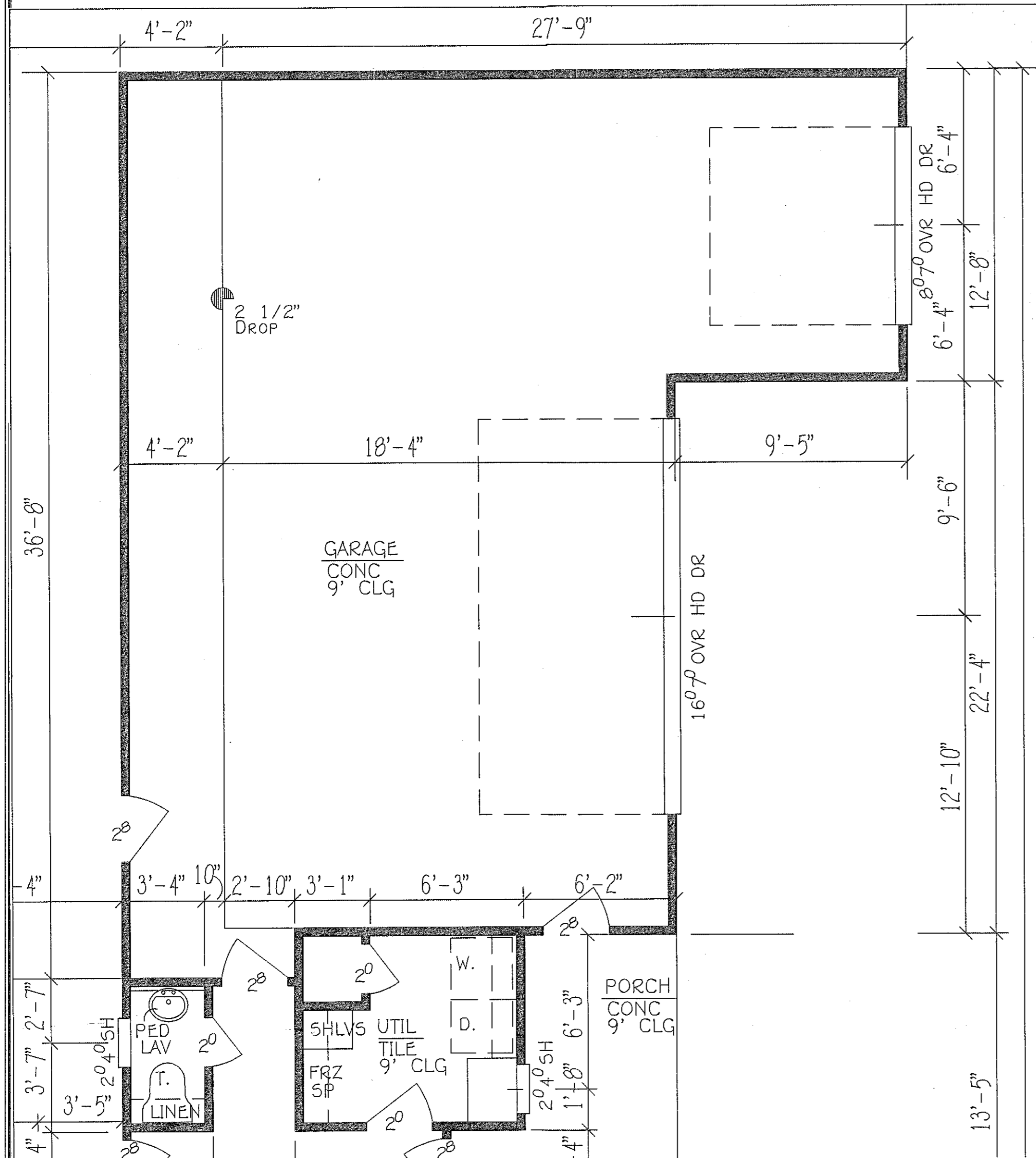


SIDE ELEVATION sc: 1/4" = 1'-0"

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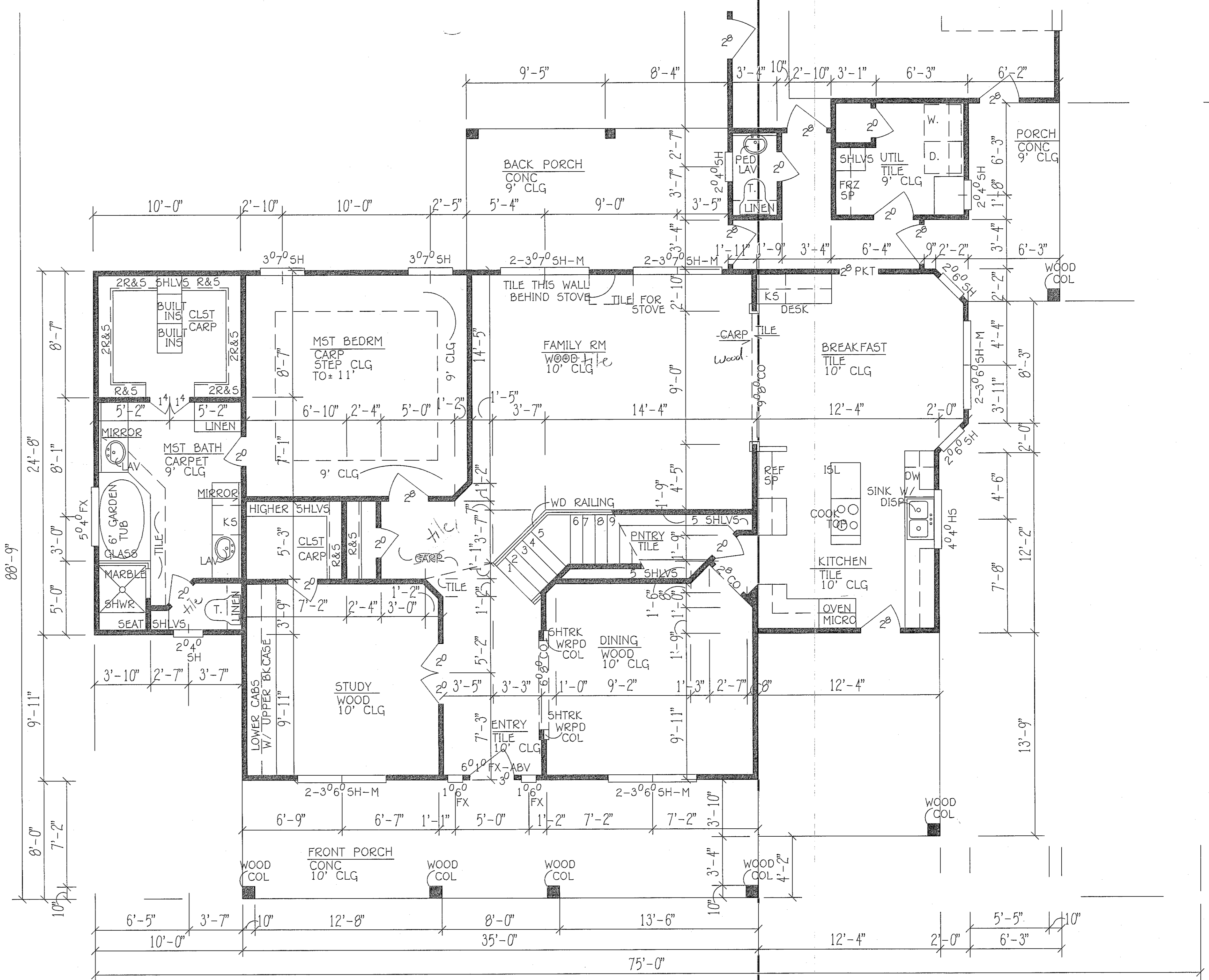
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GARAGE FLOOR PLAN sc: 1/4" = 1'-0"

- NOTES:
1. PROVIDE COPPER WATER PIPES.
  2. INSULATE ALL WATER PIPES IN OUTSIDE WALLS.
  3. PROVIDE MASTER SHUT-OFF FOR WATER SUPPLY INTO HOUSE.
  4. PROVIDE SCREENS FOR ALL OPERABLE WINDOWS.
  5. PROVIDE SOFFIT VENTS AND RIDGE VENT FOR HOUSE AND GARAGE.
  6. ALL LOCKS TO BE KEYPED THE SAME.
  7. PROVIDE ZONED HEAT AND AIR.
  8. CONTRACTOR TO STATE EFFICIENCY FACTOR AND RATING IN BID PROPOSAL, SEER 12 OR BETTER.
  9. PROVIDE R-13 BATT W/R4 WALLBOARD & R-30 CEILING INSULATION.
  10. PROVIDE METAL BASE FOR ALL WOOD POSTS ON PORCHES.
  11. PROVIDE FIVE (5) HARDWATER HOSE BIBBS AS LOCATED ON PLANS.
  12. PROVIDE SECURITY SYSTEM AS SPECIFIED BY OWNER.
  13. PROVIDE IN WALL PEST CONTROL PRIOR TO SHEETROCK.
  14. WOOD POSTS STYLE AS SELECTED BY OWNER.
  15. PROVIDE RAIN GUTTERS.
  16. PROVIDE DOUBLE PANED WINDOWS.
  17. PROVIDE AC VENTS TO CLOTHES CLOSETS, TOILET CLOSET AND PWDR RM.



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

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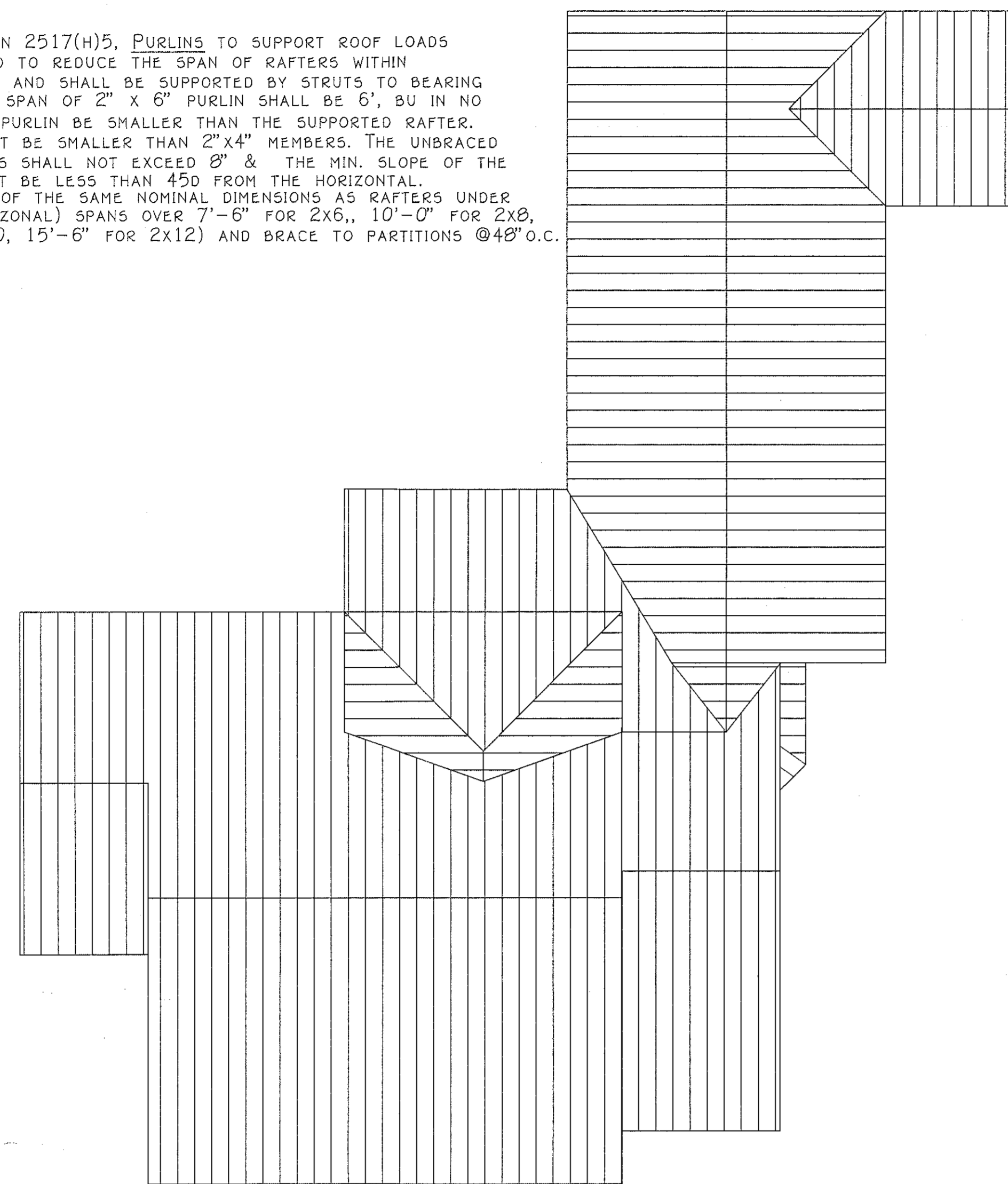
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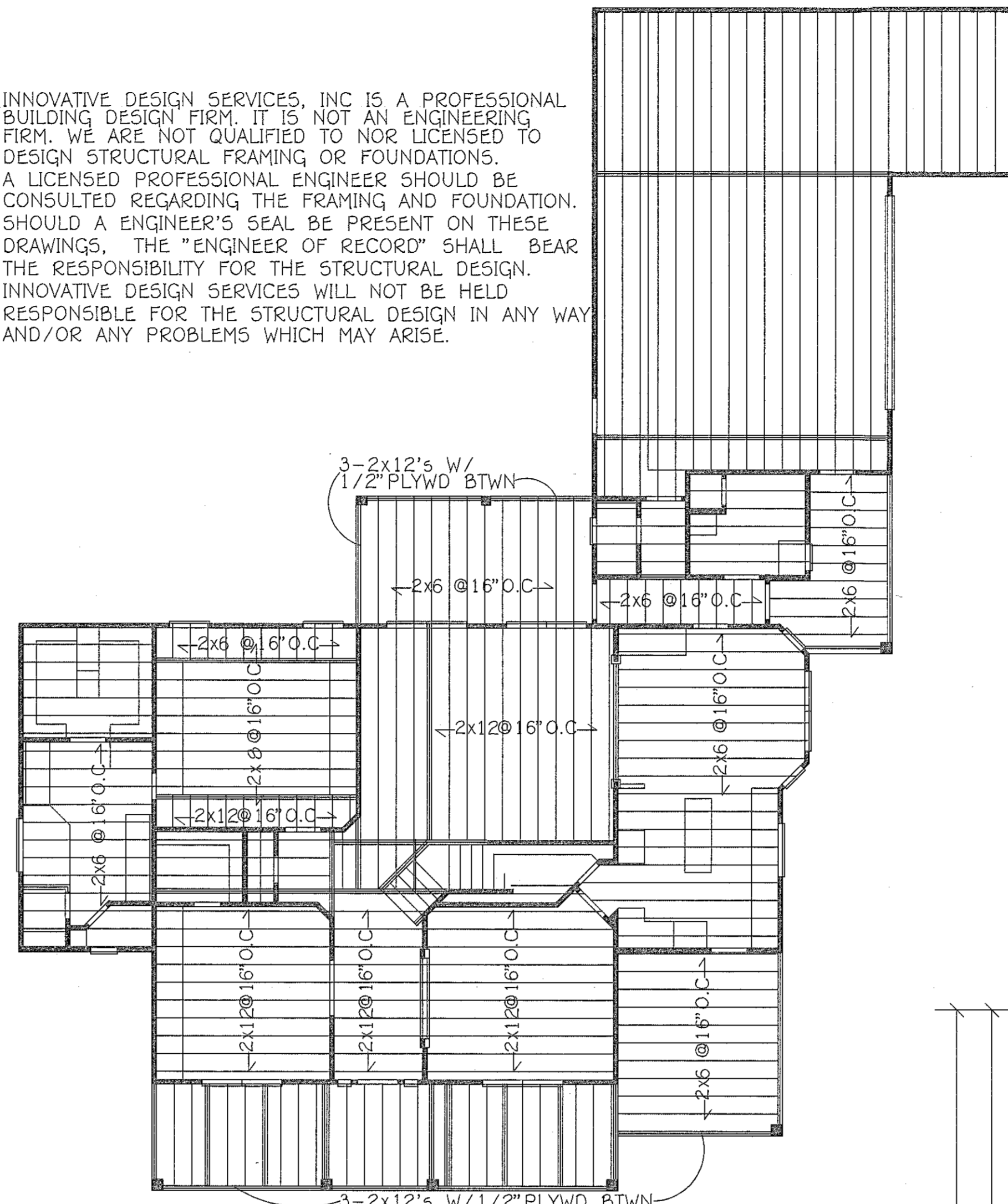
SHEET 4 OF 2  
 PROJECT # 3001

PER UBC, SECTION 2517(H)5, PURLINS TO SUPPORT ROOF LOADS MAY BE INSTALLED TO REDUCE THE SPAN OF RAFTERS WITHIN ALLOWABLE LIMITS AND SHALL BE SUPPORTED BY STRUTS TO BEARING WALLS. THE MAX. SPAN OF 2" X 6" PURLIN SHALL BE 6', BU IN NO CASE SHALL THE PURLIN BE SMALLER THAN THE SUPPORTED RAFTER. STRUTS SHALL NOT BE SMALLER THAN 2"X4" MEMBERS. THE UNBRACED LENGTH OF STRUTS SHALL NOT EXCEED 8' & THE MIN. SLOPE OF THE STRUTS SHALL NOT BE LESS THAN 450 FROM THE HORIZONTAL. PROVIDE PURLINS OF THE SAME NOMINAL DIMENSIONS AS RAFTERS UNDER ALL RAFTERS (HORIZONTAL SPANS OVER 7'-6" FOR 2X6, 10'-0" FOR 2X8, 12'-8" FOR 2X10, 15'-6" FOR 2X12) AND BRACE TO PARTITIONS @ 48" O.C.

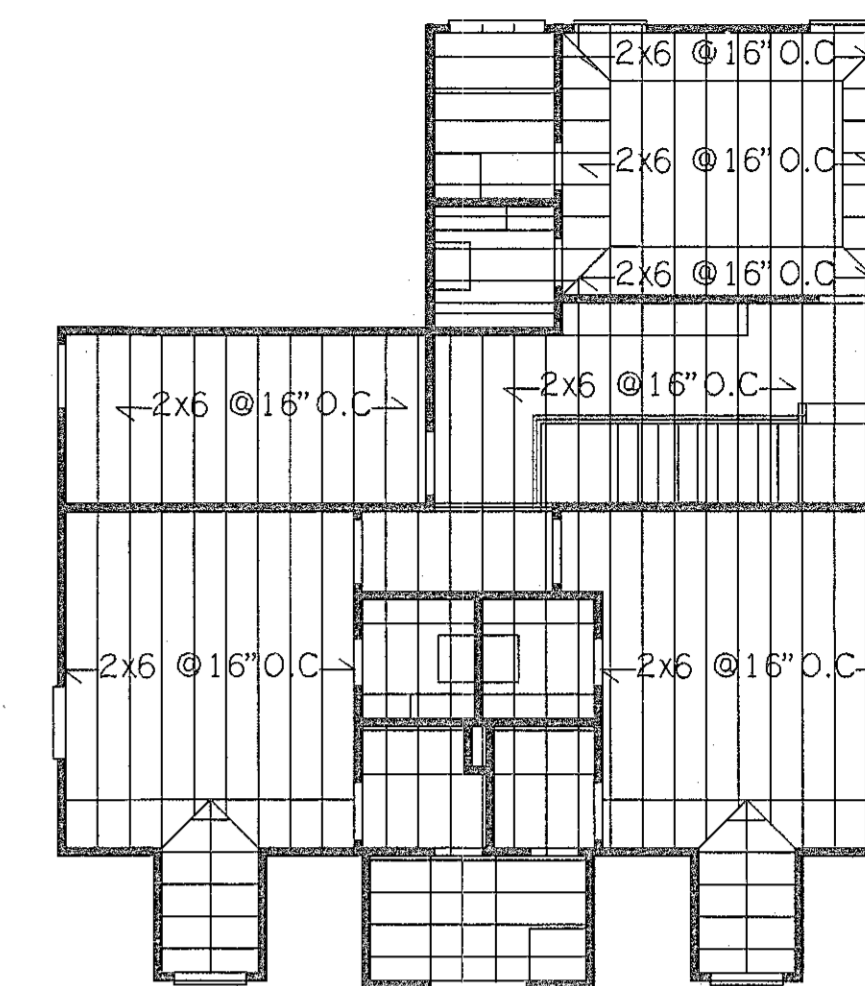
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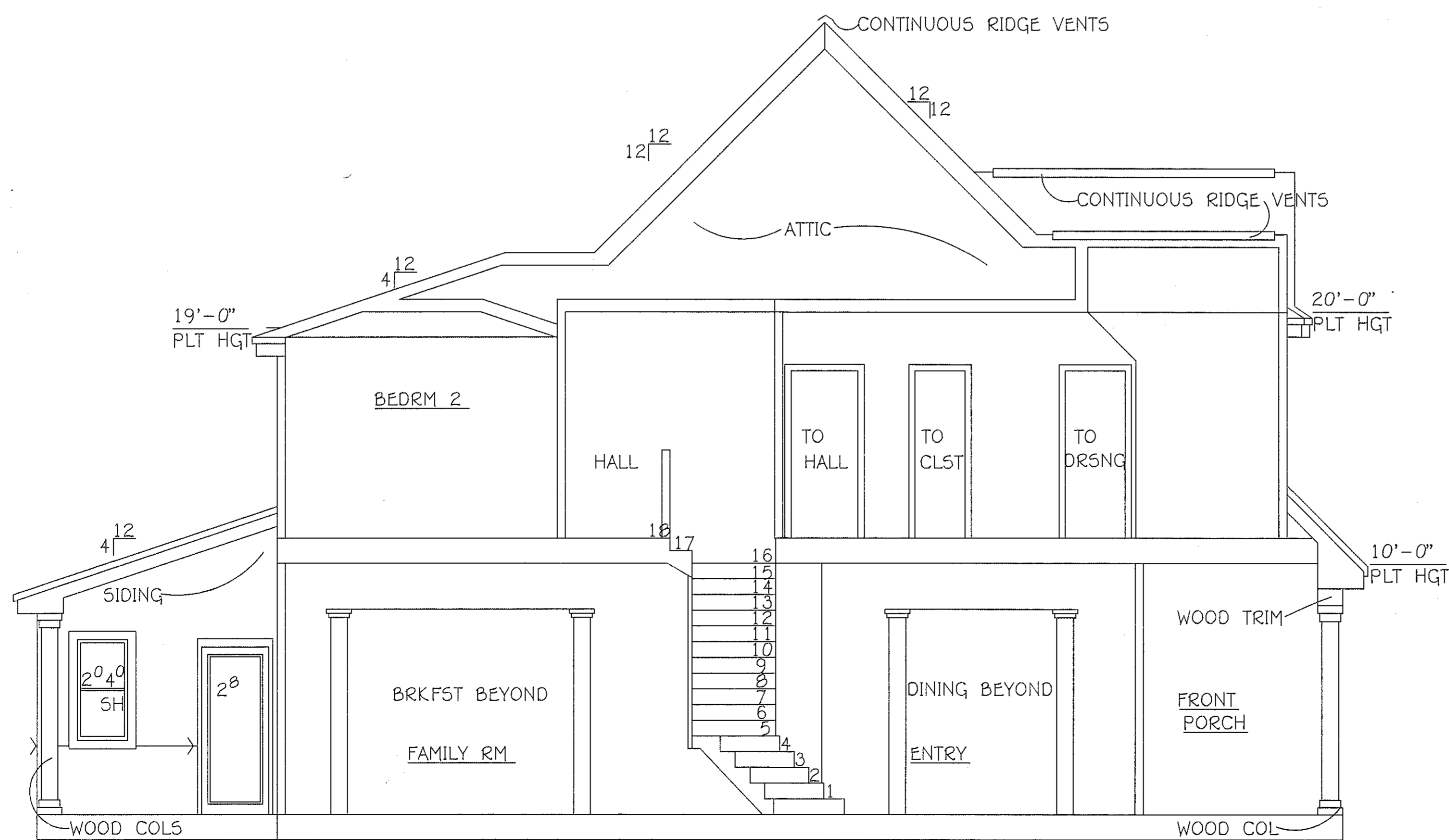
ROOF PLAN  
sc: 1/8" = 1'-0"



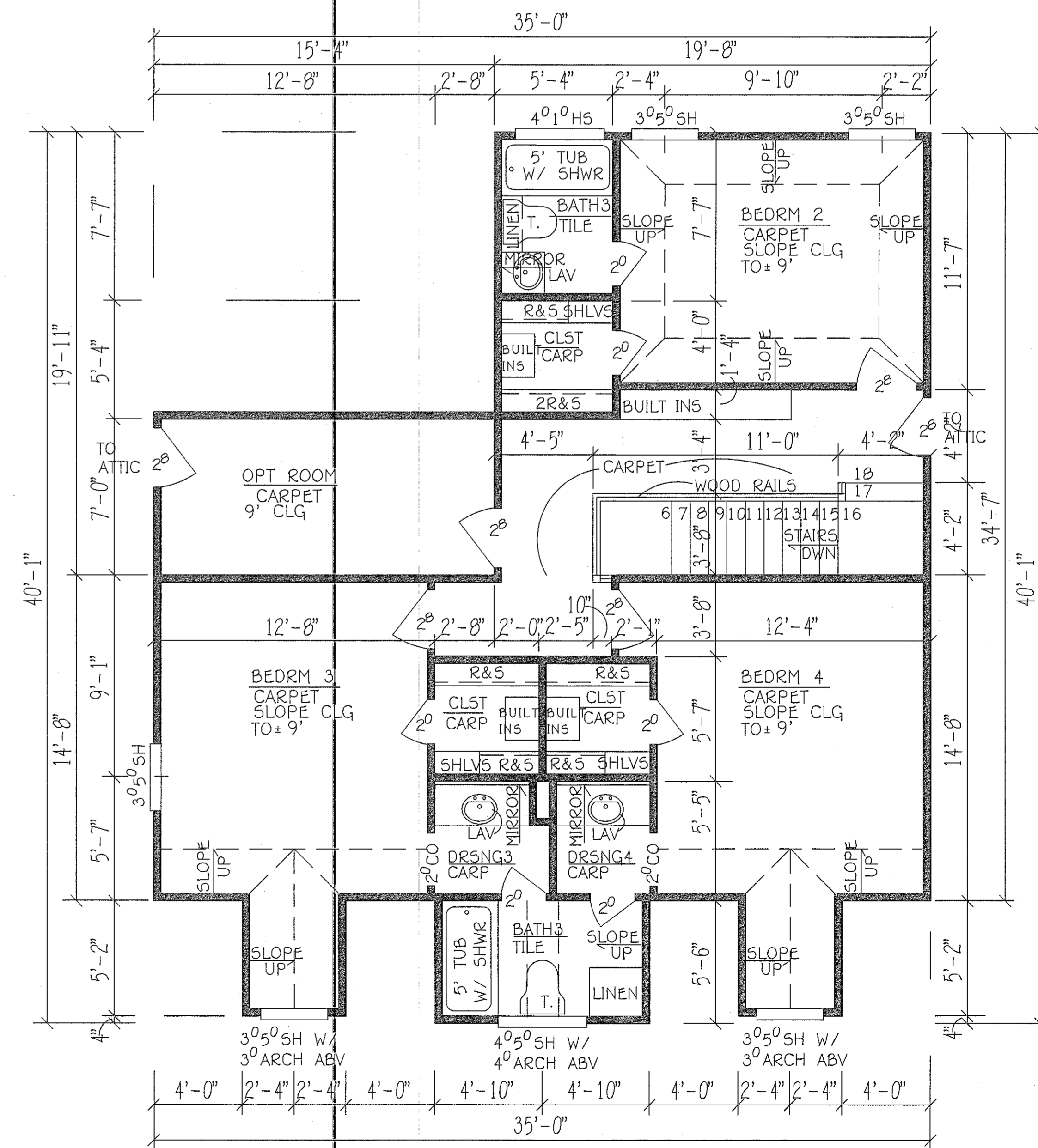
1ST FL CLG FRMG PLAN sc: 1/8" = 1'-0"



2ND FL CLG FRMG PLAN  
sc: 1/8" = 1'-0"



SECTION sc: 1/4" = 1'-0"



SECOND FLOOR PLAN sc: 1/4" = 1'-0"

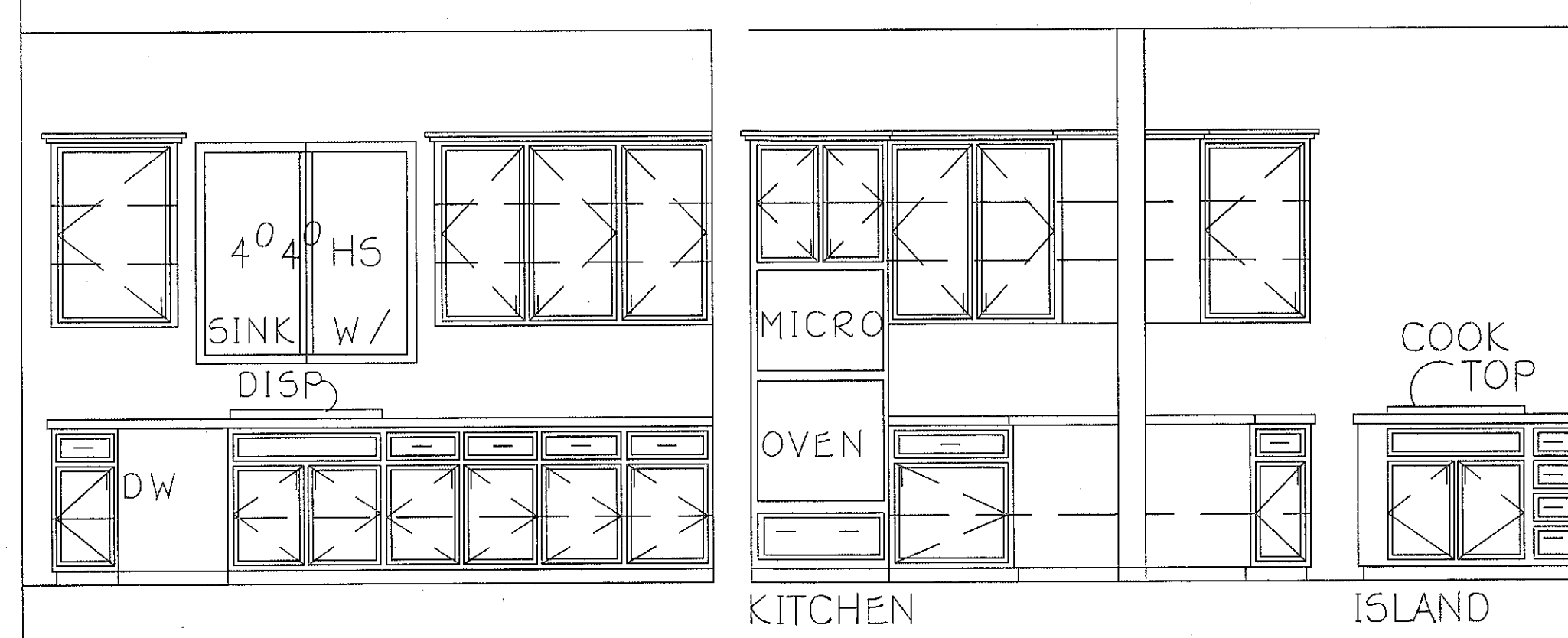
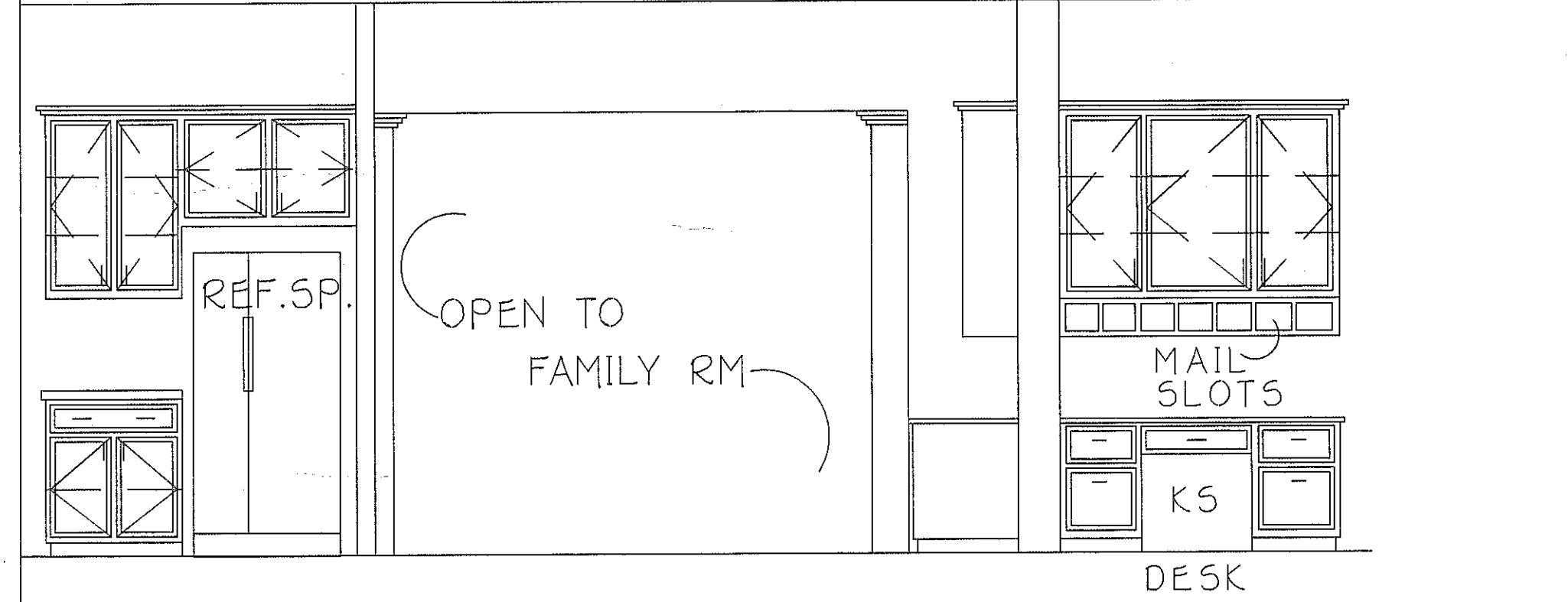
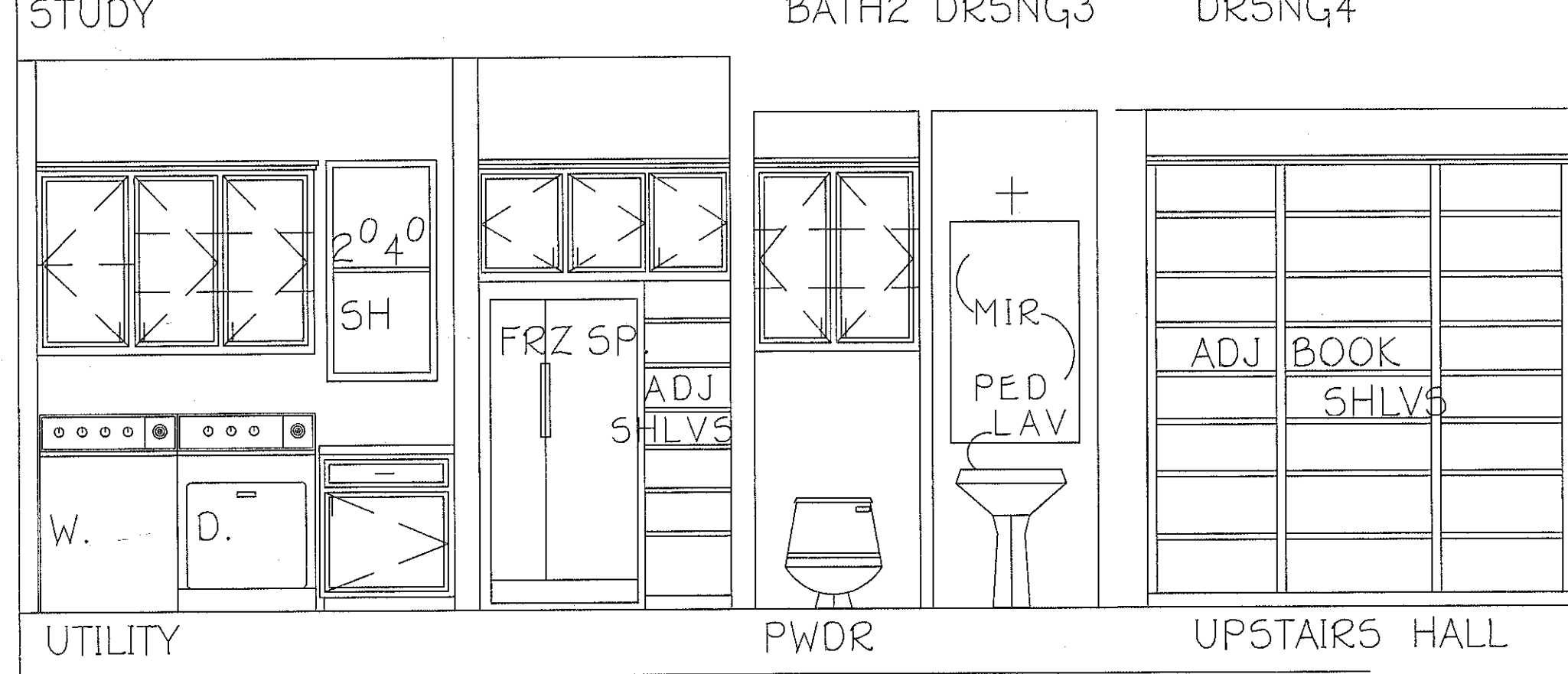
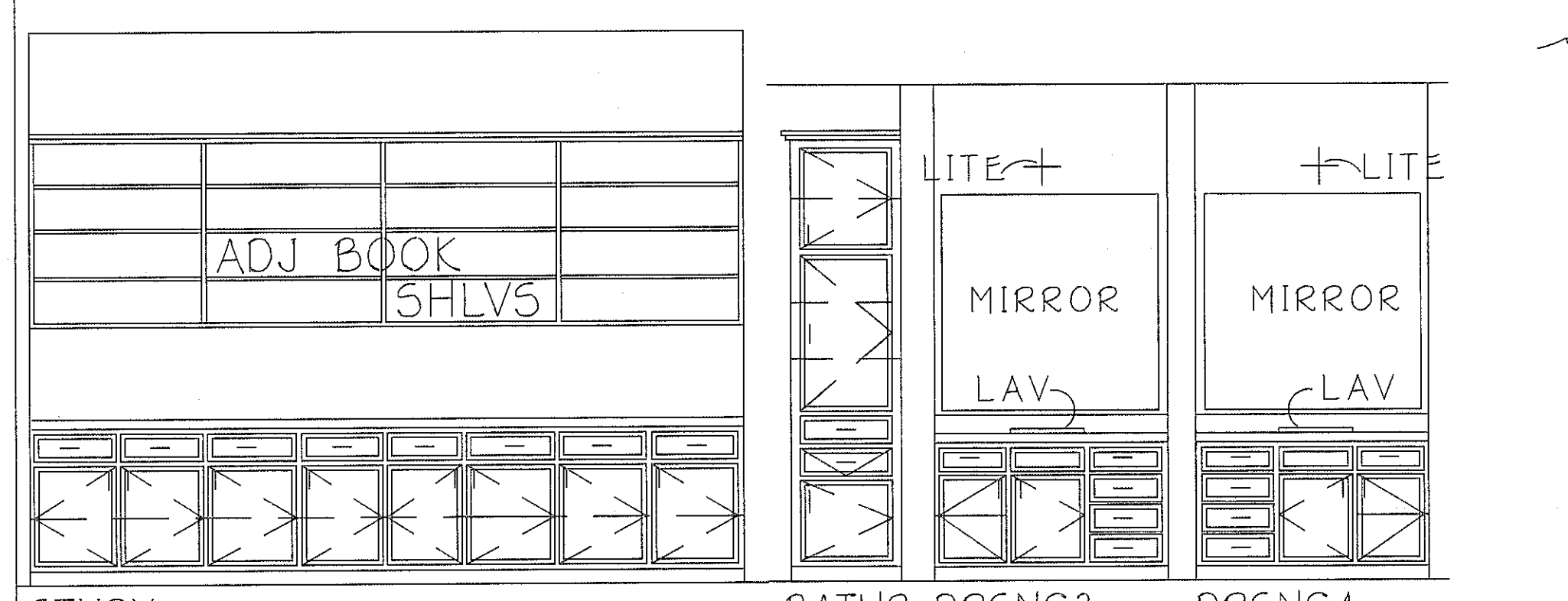
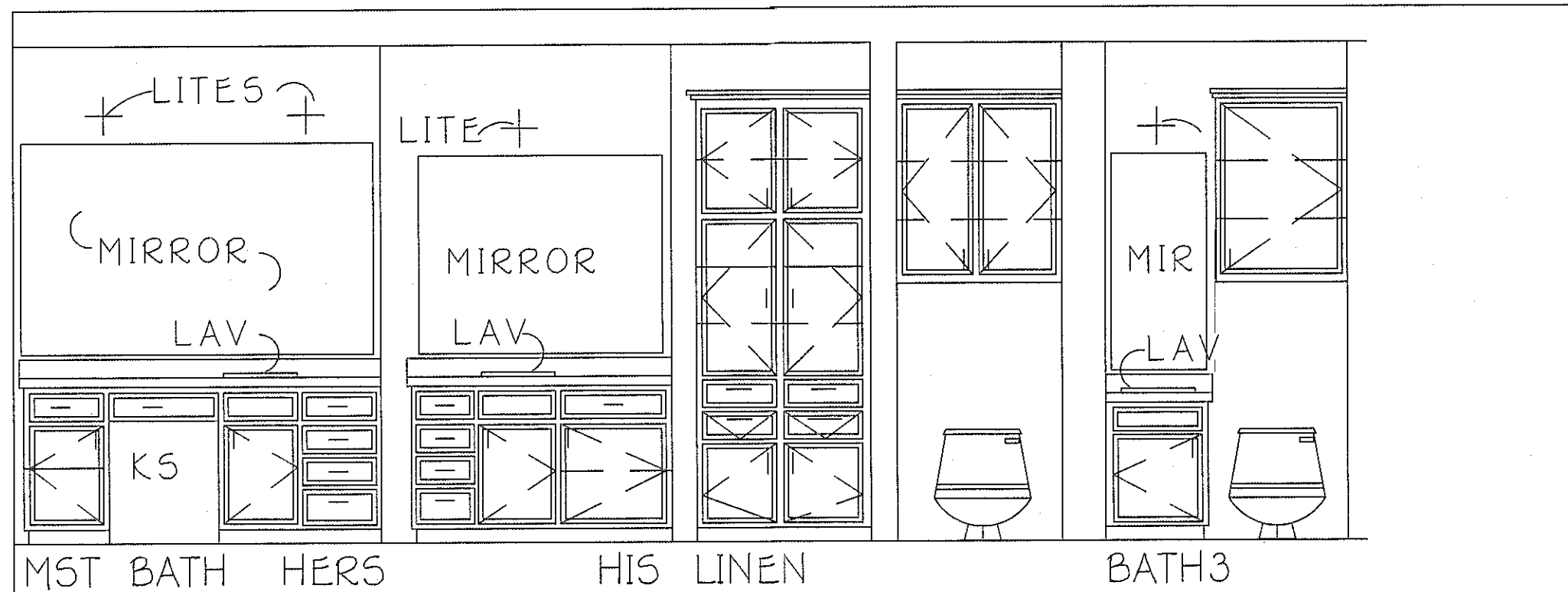
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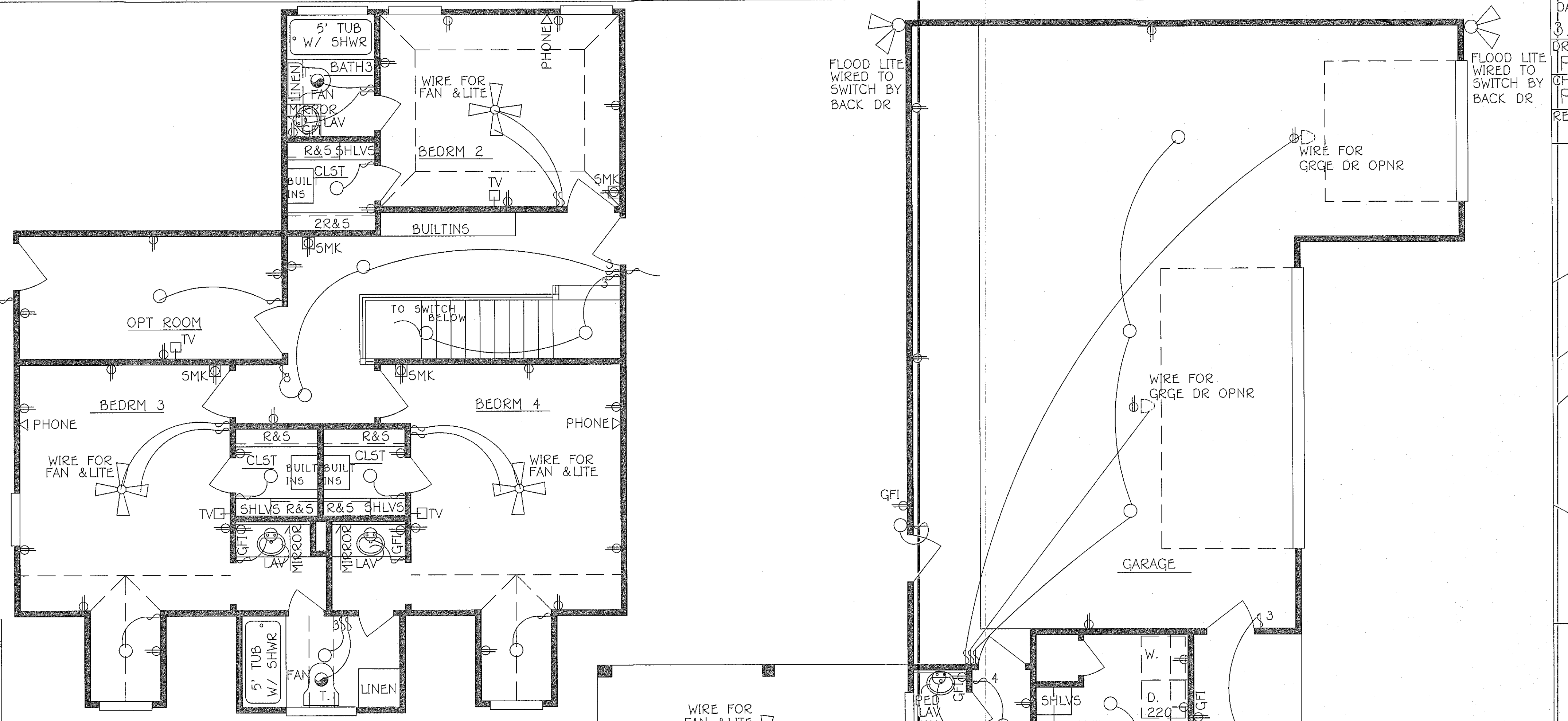
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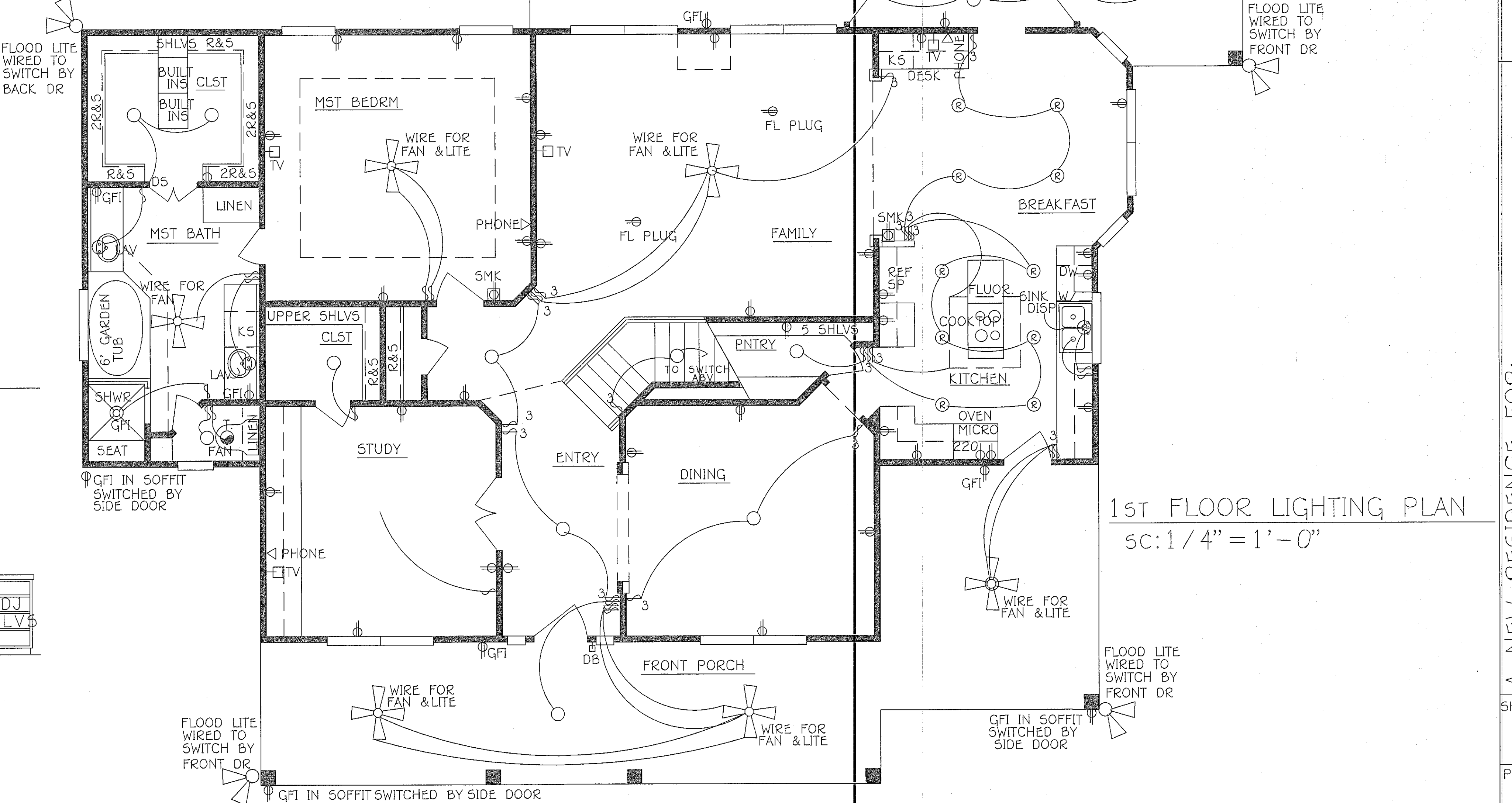
SHEET  
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CABINETS  
sc: 3/8" = 1'-0"

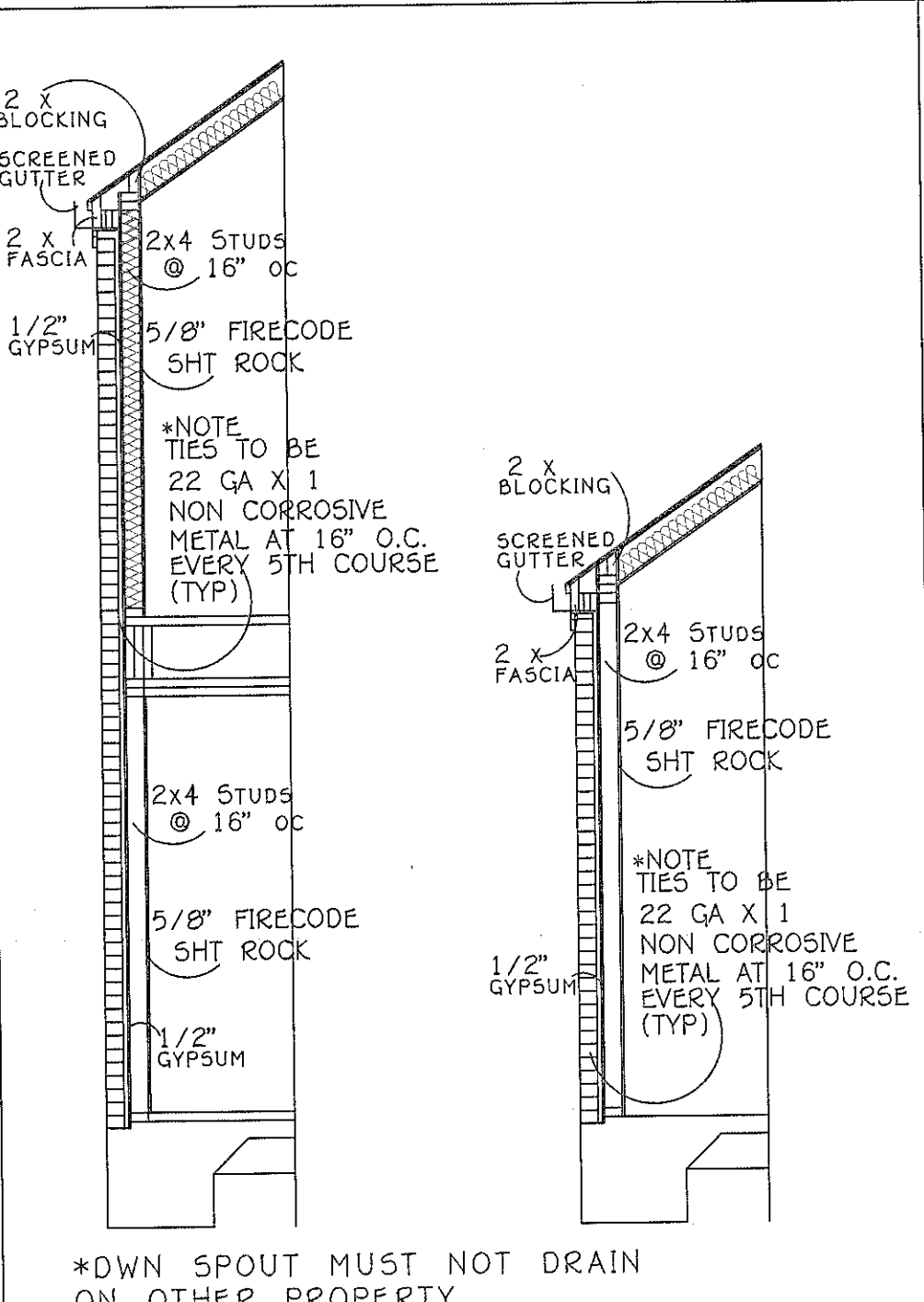
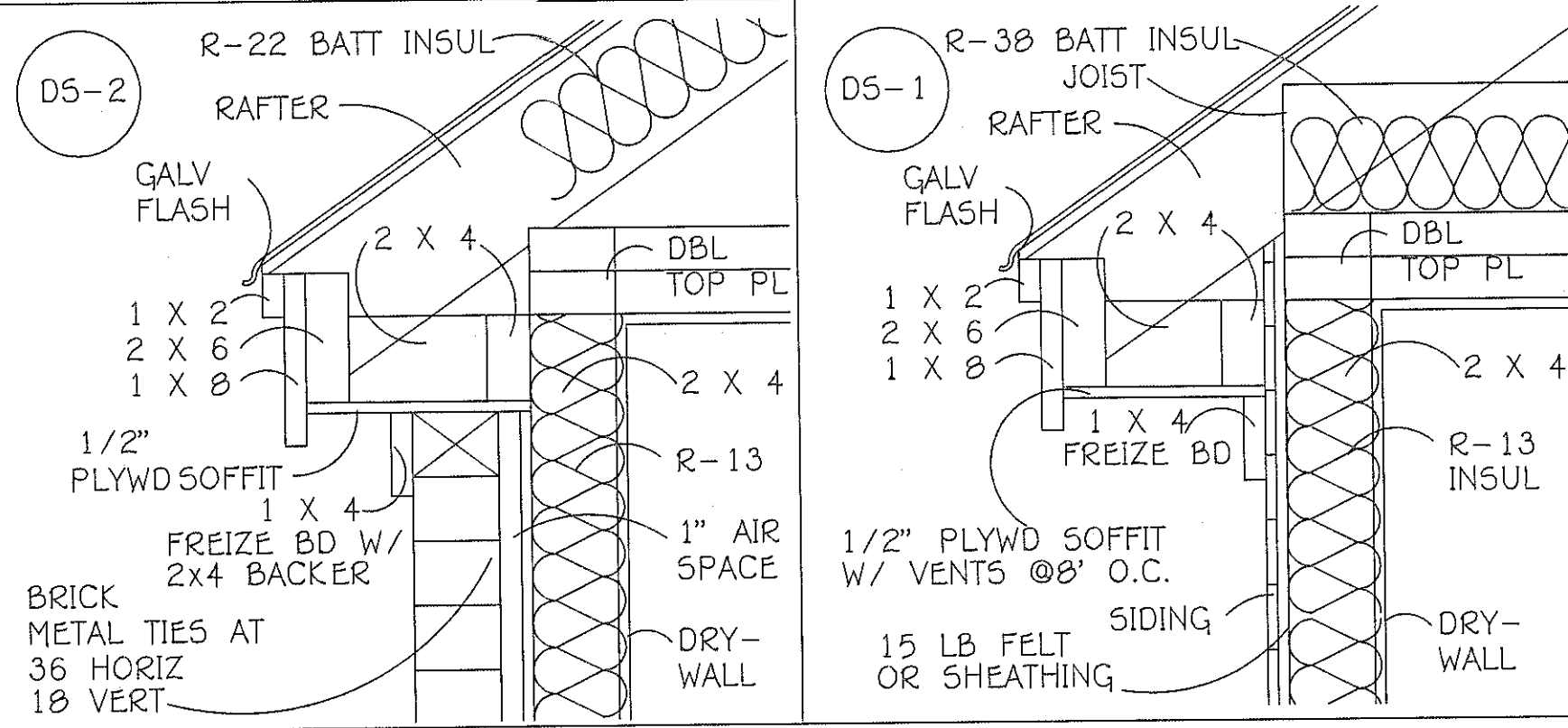
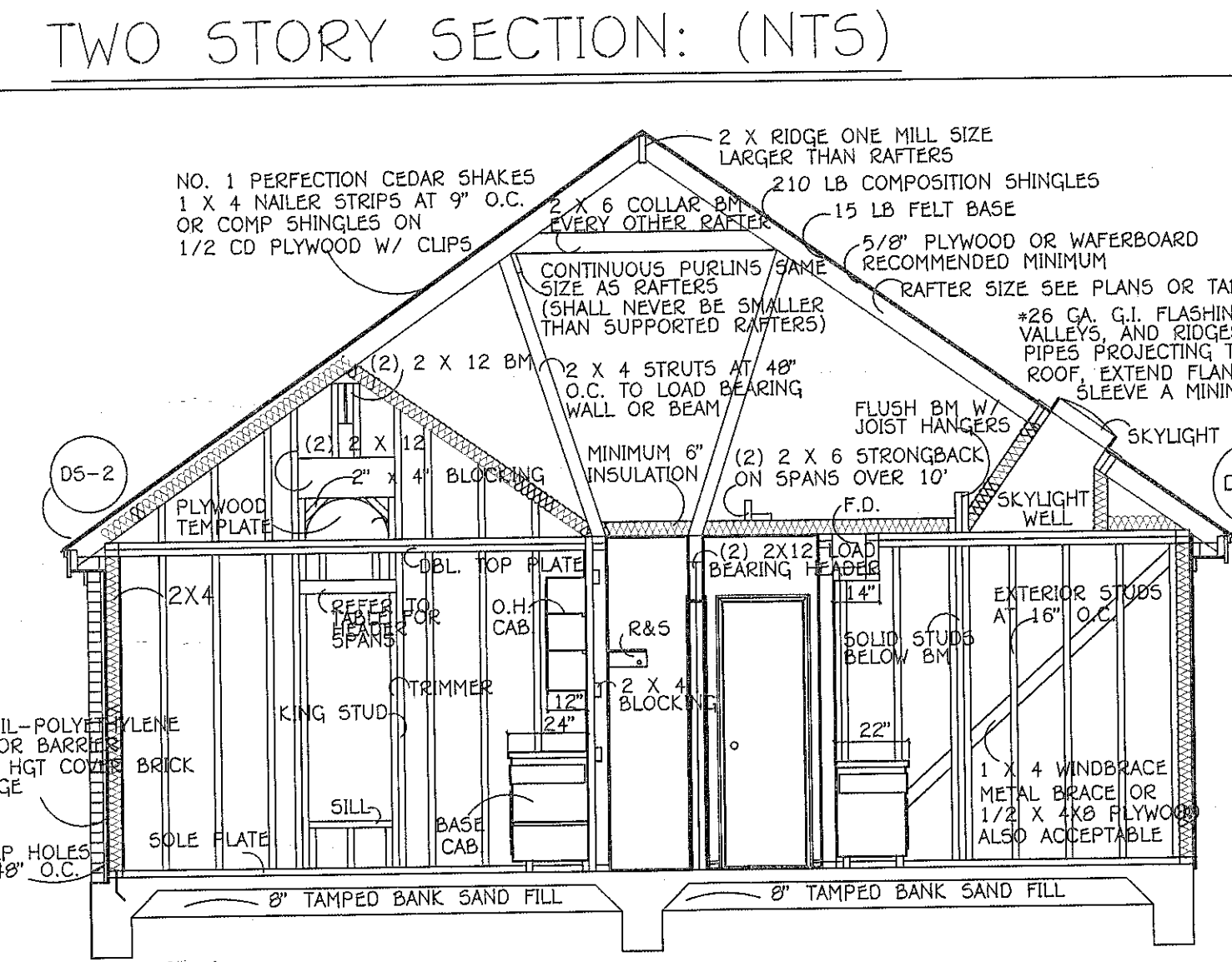
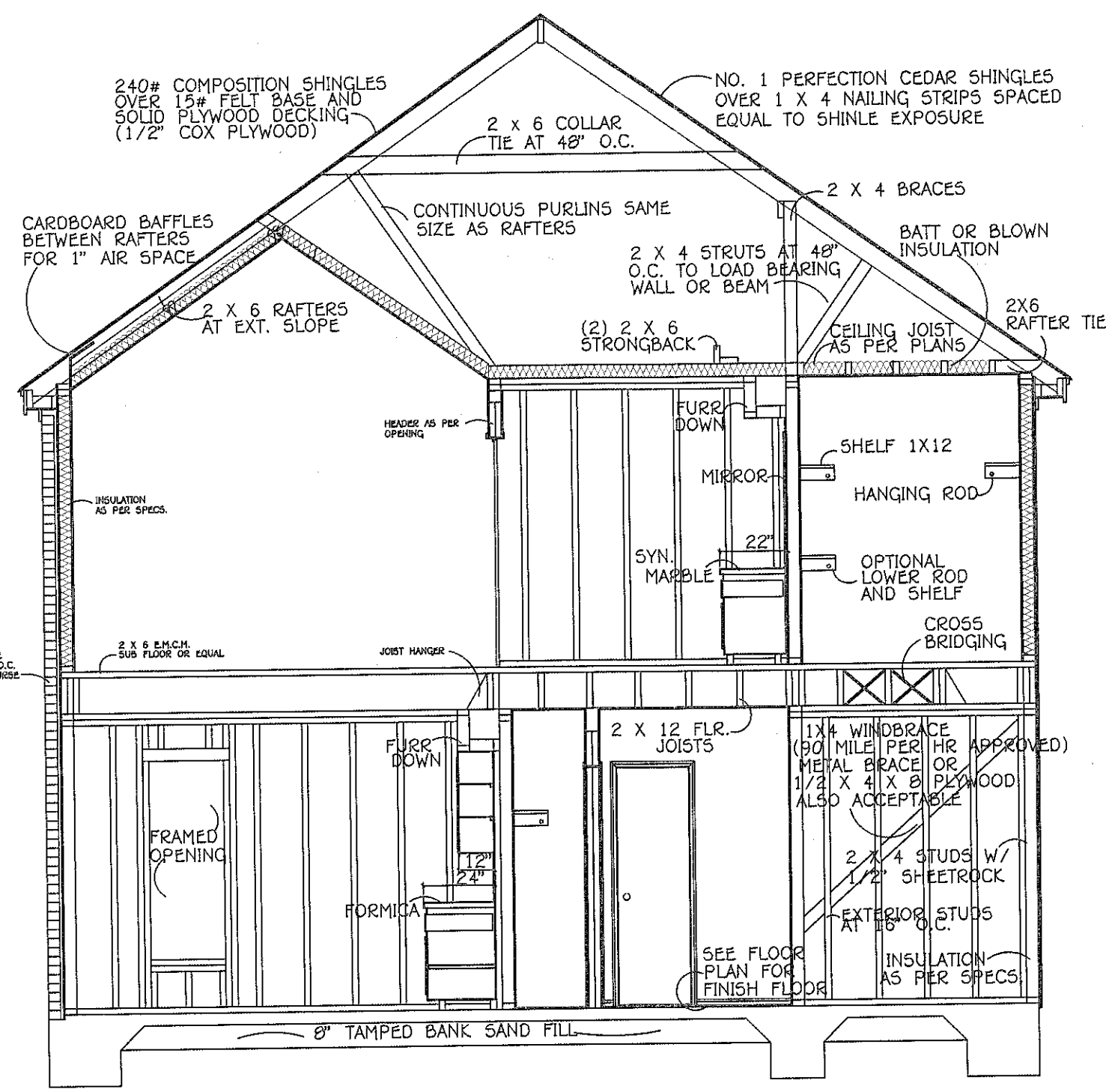


2ND FLOOR LIGHTING PLAN  
sc: 1/4" = 1'-0"



1ST FLOOR LIGHTING PLAN  
sc: 1/4" = 1'-0"

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**ELECTRICAL SYMBOLS**

○	CEILING MOUNT FIXTURE	⊖	110V FLOOR PLUG
▬	UNDER CABINET FLUORESCENT	⊕	FL. PLUG
□	CEILING MOUNT FLUORESCENT SIZE TYPE ON	⊖	FL. PLUG
⊙	RECESSED	⊖	GROUND FAULT INTERRUPT GFI
○	SPOT	⊖	GFI
⊖	110V DUPLEX OUTLET 12" ABV FLOOR UNLESS OTHERWISE NOTED	⊖	SWITCH
+42"	HT (INCHES) ABV FLOOR	⊖	3 WAY SWITCH
⊖	220V OUTLET	⊖	4 WAY SWITCH
⊖	GAS	⊖	TELEPHONE
⊖	GAS W/ VALVE	⊖	PHONE
		⊖	CATV
		⊖	SMOKE DETECTOR SMK
		⊖	EXHAUST FAN
		⊖	EXHAUST FAN WITH LIGHT
		⊖	CEILING FAN WITH LIGHT

**STEEL ANGLE LINTEL TABLE**

CLEAR SPAN	5'-0" OR LESS	6'-0" OR LESS	7'-0" OR LESS	8'-0" OR LESS	9'-0" OR LESS	10'-0" OR LESS
ANGLE SIZE	< 3/8" x < 3/8" x L	< 4" x < 3/8" x L	< 4" x < 3/8" x L	< 5" x < 3/8" x L	< 5" x < 3/8" x L	< 6" x < 3/8" x L

**HEADER SPANS**

LOAD BEARING WALLS: HEADERS LAMINATED W/ FULL PIECE 1/2" PLYWOOD AND PLACED ON EDGE

MATERIAL	(2)2x4	(2)2x6	(2)2x8	(2)2x10	(2)2x12
MAXIMUM SPAN FT-IN	3-6	4-6	6-0	7-6	9-0

SEE PLANS FOR SPECIAL CONDITIONS

**JOIST AND RAFTER SPANS**

SOUTHERN YELLOW PINE

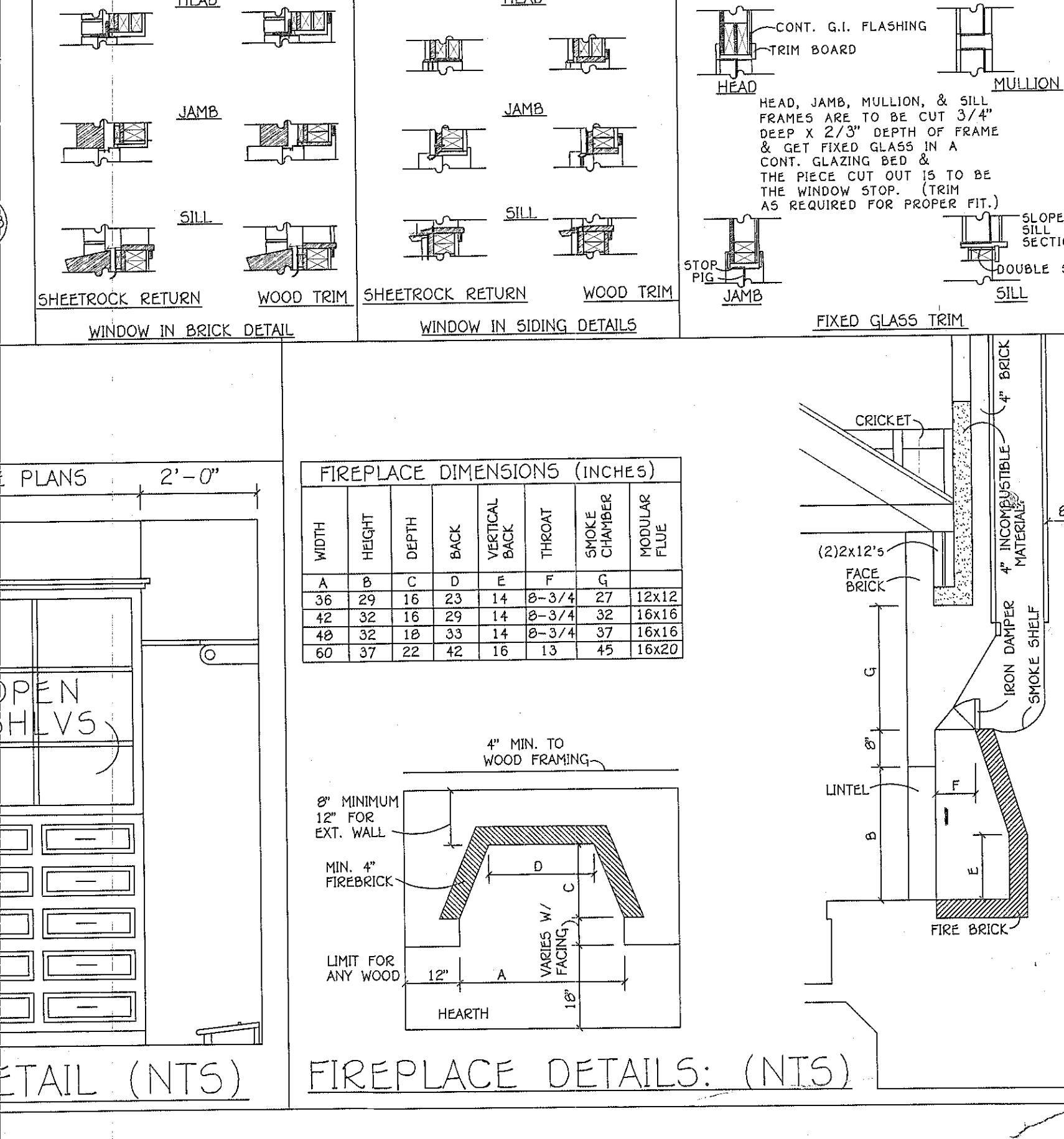
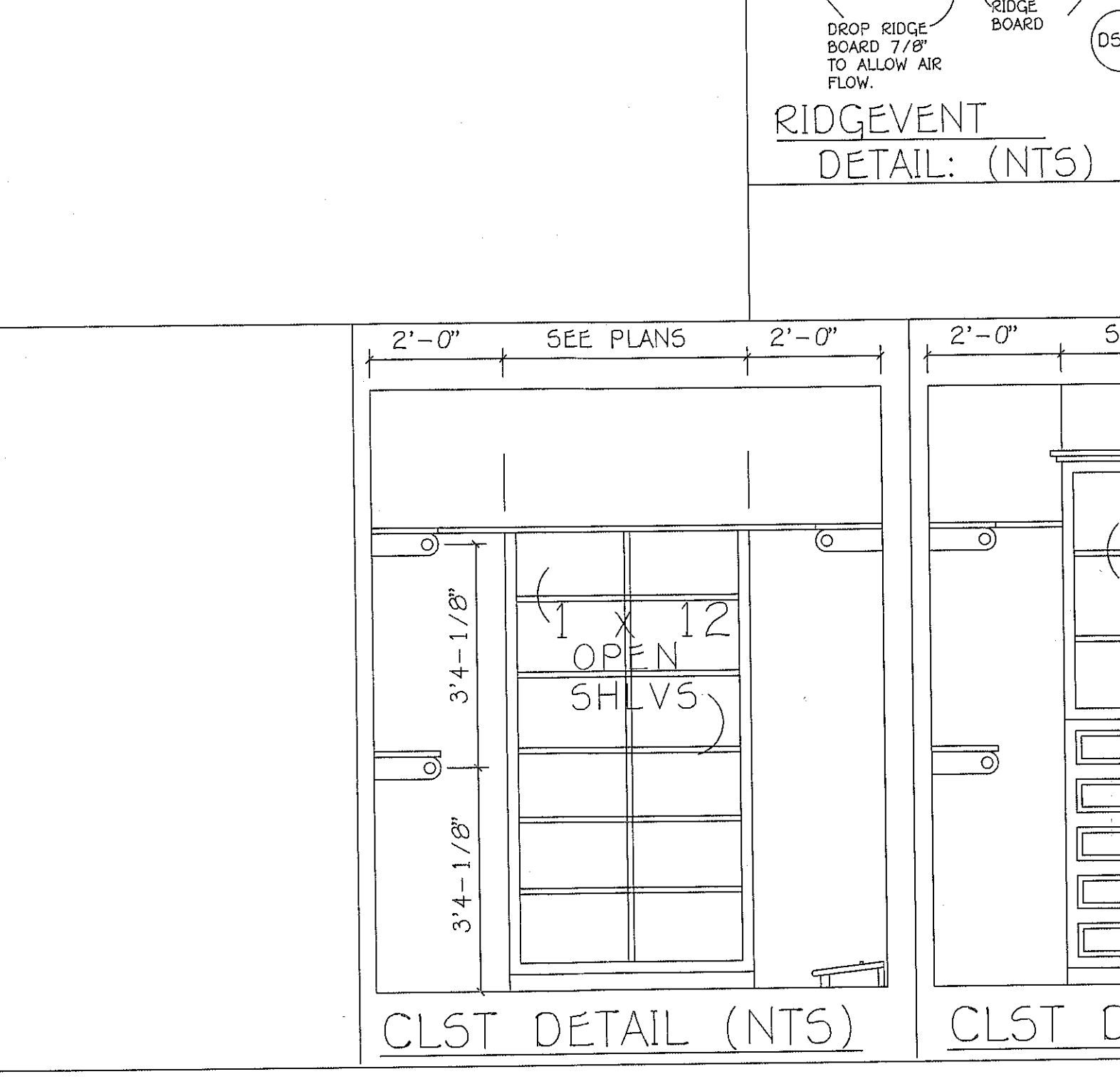
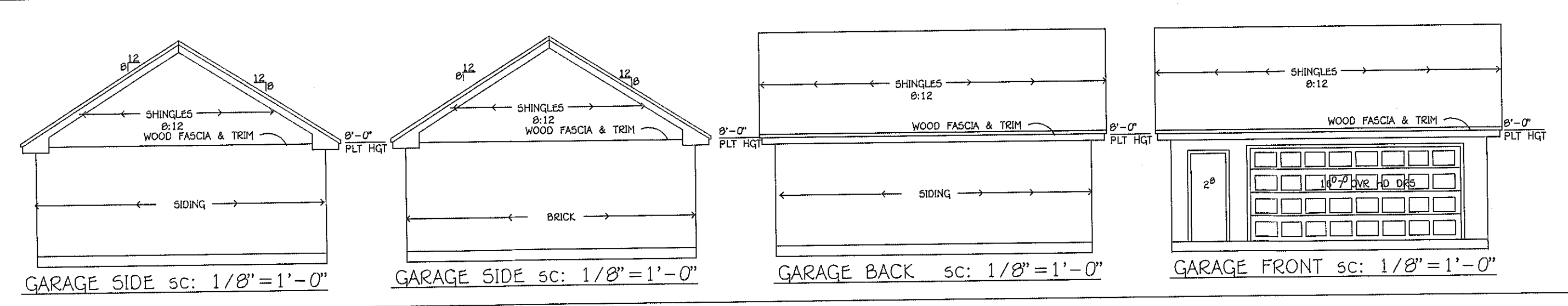
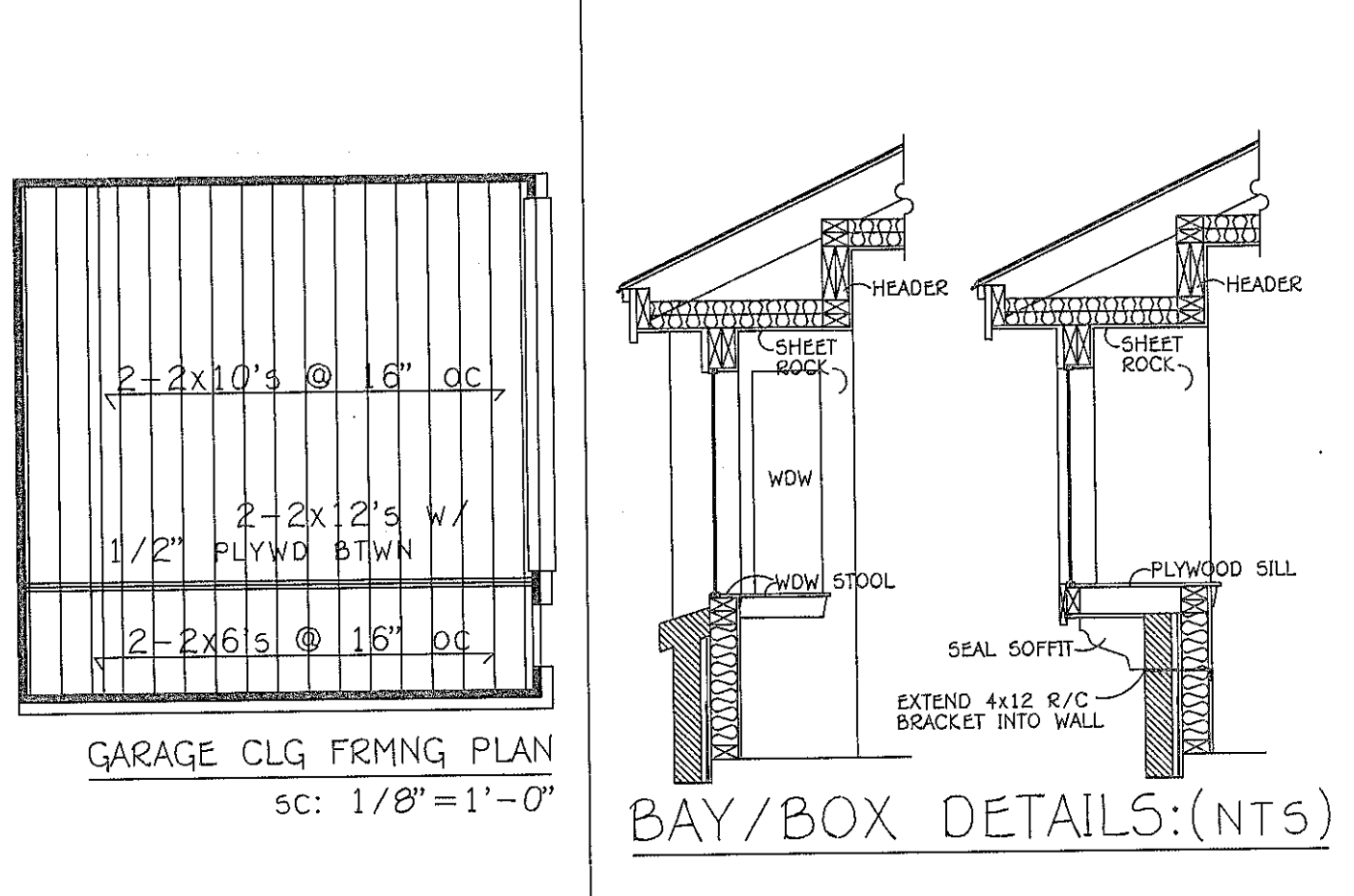
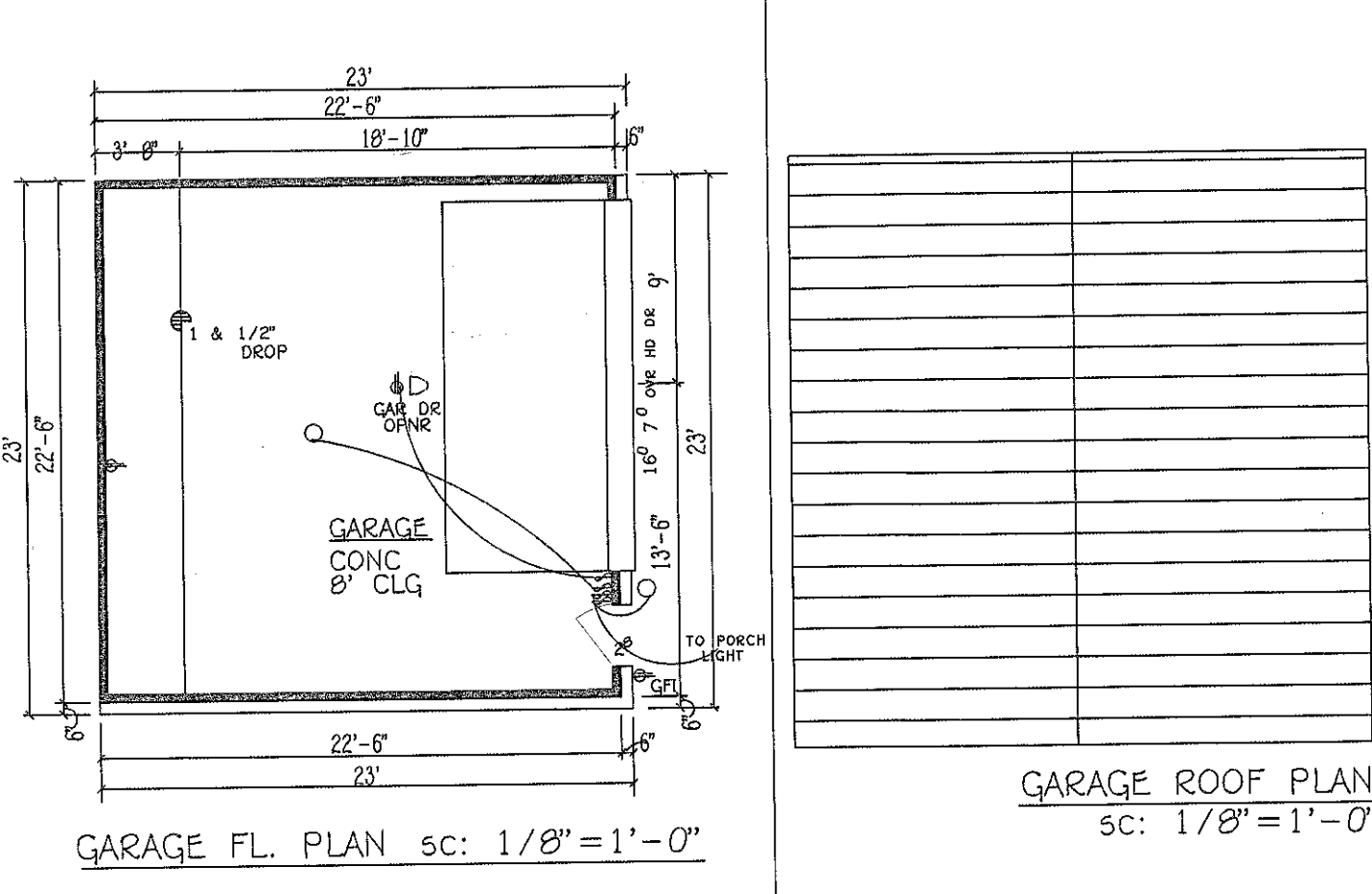
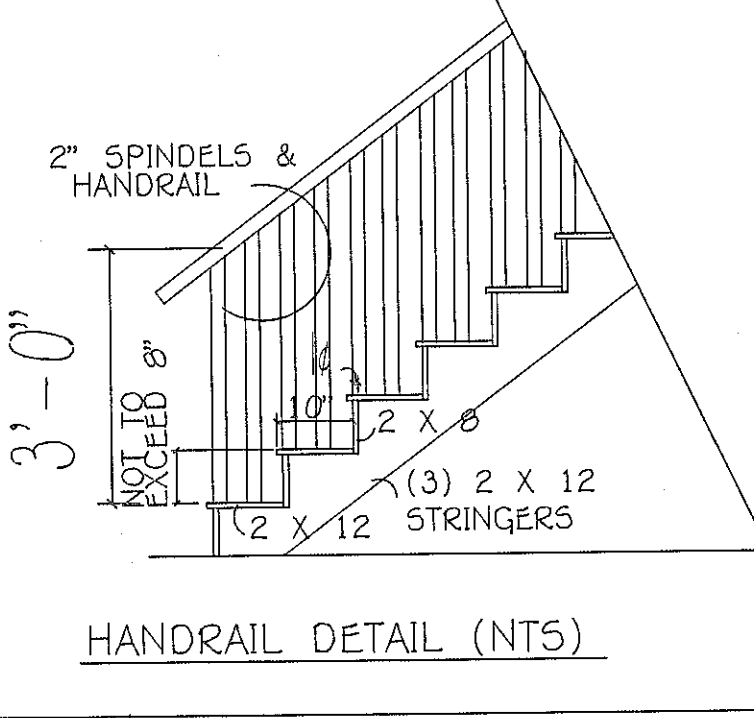
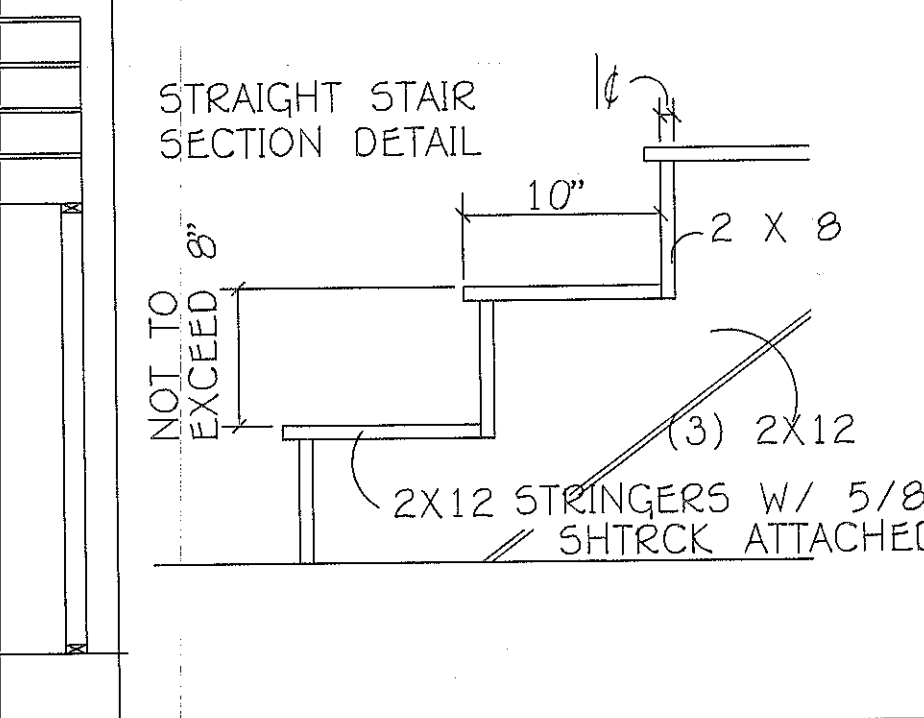
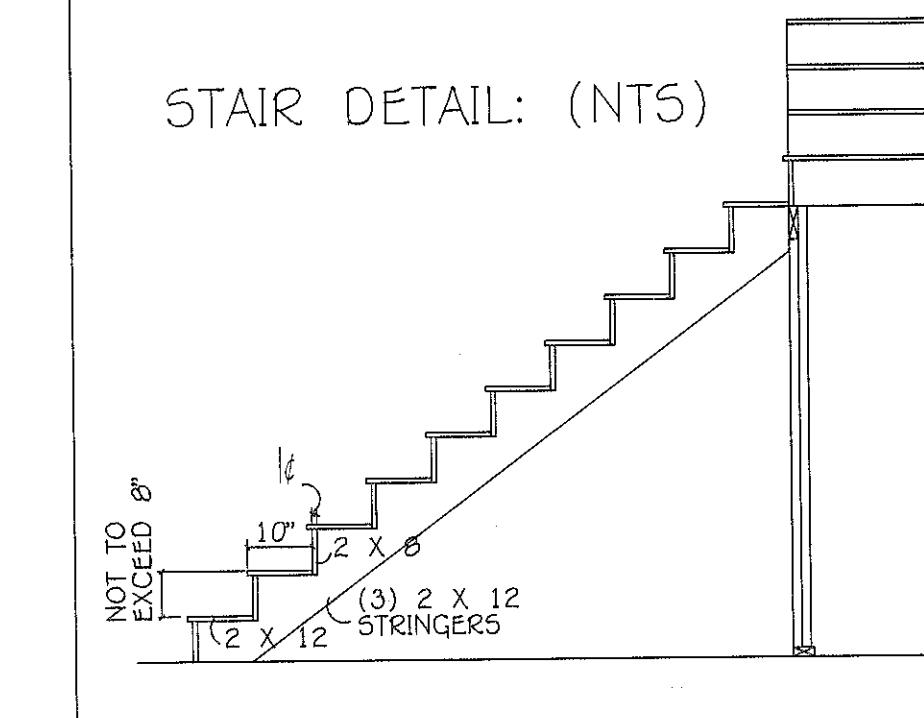
SEE PLANS FOR SPECIAL CONDITIONS

COMPONENT	SIZE	SPAN FT-IN #2 GRADE INCHES O.C.			SPAN FT-IN #3 GRADE INCHES O.C.		
		12	16	24	12	16	24
FLOOR JOISTS 30 P5F LL	2x10	19-10	18-0	15-8	16-11	14-8	12-0
BORMS, ATTIC STOR. ONLY	2x12	24-2	21-11	19-1	20-7	17-10	14-7
FLOOR JOIST 40 P5F LL	2x10	18-0	16-5	14-0	15-2	13-1	10-9
	2x12	21-11	19-11	17-1	18-5	16-0	13-0
CEILING JOISTS 20 P5F LL LIMITED STORAGE	2x6	15-3	13-2	10-9	11-8	10-1	8-3
	2x8	20-1	17-5	14-2	15-4	13-3	10-10
	2x10	25-7	22-2	18-1	19-7	16-11	13-10
RAFTERS SLOPE OVER 3/12	2x6	15-1	13-1	11-4	12-3	10-7	8-8
20 P5F LL 7 P5F DL: WD & COMP SHINGLES	2x8	21-2	18-4	15-0	16-2	14-0	11-5
RAFTERS SLOPE OVER 3/12	2x6	14-1	12-3	10-0	10-9	9-4	7-7
20 P5F LL 15 P5F DL TILE	2x8	18-7	16-1	13-2	14-2	12-4	10-0
ROOFING	2x10	23-9	20-6	16-9	18-1	15-8	12-10
RAFTERS CATHEDRAL CLG5	2x6	14-1	12-3	10-0	10-9	9-4	7-7
ANY SLOPE 20 P5F LL 15 P5F DL: WD & COMP SHINGLES	2x8	18-7	16-1	13-2	14-2	12-4	10-0
RAFTERS CATHEDRAL CLG5	2x10	23-9	20-6	16-9	18-1	15-8	12-10
ANY SLOPE 20 P5F LL 25 P5F DL TILE ROOFING	2x6	12-5	10-9	8-10	9-6	8-3	6-9
	2x8	15-5	14-2	11-7	12-6	10-10	8-10
	2x10	20-11	18-1	14-9	16-0	13-10	11-4

NOTE: PER UBC SEC. 25, ALL LUMBER SHALL BE: STUD GRADE, SOUTHERN YELLOW PINE W/ @ MOISTURE CONTENT OF 15% MAX.

ALL OTHER LUMBER IS TO BE #2 SOUTHERN YELLOW PINE W/ A MOISTURE CONTENT OF 15% MAX. U.O.N.

WALL INSULATION- R-13 U.O.N.  
CLG INSULATION- R-30 U.O.N.



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A NEW RESIDENCE FOR:  
STANDARD DETAIL SHEET

SHEET \_\_\_\_\_

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