



NORTH

FLOOR PLAN

1/4" = 1'-0"

NOTES:

1. ALL CONSTRUCTION SHALL FOLLOW THE IRC 2012 CODE.

2.ENTIRE HOUSE IS ELECTRIC,NO GAS.

LIST OF SHEETS	
1	A - FLOOR PLAN
2	C - FOUNDATION PLAN
3	F - FRAMERS PLAN
4	R - ROOF PLAN
5	M - MECHANICAL PLAN (PLUMBING & ELECTRICAL PLAN)
6	E - ELEVATIONS
7	S-1 FOUNDATION & FRAMING PLAN
8	S-2 ELEVATIONS FRONT & BACK
9	S-3 SIDE ELEVATIONS
10	S-4 PROFILES & DETAILS

FOUNDATION PLAN - C
1-S4 COLUMN BASE CONNECTION AT SIDEWALL
2-S4 COLUMN BASE CONNECTION AT FOOTING
3-S4 COLUMN BASE CONNECTION AT ENDWALL
4-S4 BASE CONNECTION DETAIL
FRAMER'S PLAN - F
S4-1 COLUMN BASE CONNECTION AT SIDEWALL
S4-2 COLUMN BASE CONNECTION AT FOOTING
S4-3 COLUMN BASE CONNECTION AT ENDWALL
S4-4 BASE CONNECTION DETAIL
D-F1 HEADER DETAIL NON-BEARING WALL
D-F2 HEADER DETAIL BEARING WALL
D-F3 PORTAL FRAMING DESIGN #1
D-F4 BARREL ARCH DETAIL
D-F5 PONY WALL SECTION
ROOF PLAN - R
S4-5 TRUSS CONNESTION @ EAVE
S4-6 SOFFIT FINISH DETAIL
S4-12 TRUSS CONNECTION DETAIL

DETAILS:

1. TOTAL SQFT = 2,600 SQFT

2. LIVABLE SQFT = 576 SQFT

3.GARAGE SQFT =1,448 SQFT

CONDITIONS:

1. THESE PLANS HAVE BEEN LICENSED TO THE BUYER FOR USE IN HIS CONSTRUCTION PROJECTS. THEY BUYER MAY NOT RESELL OR PROVIDE COPIES TO ANYONE FOR USE OUTSIDE OF THIS PURPOSE.

Plan for Henning

Plan #:0005

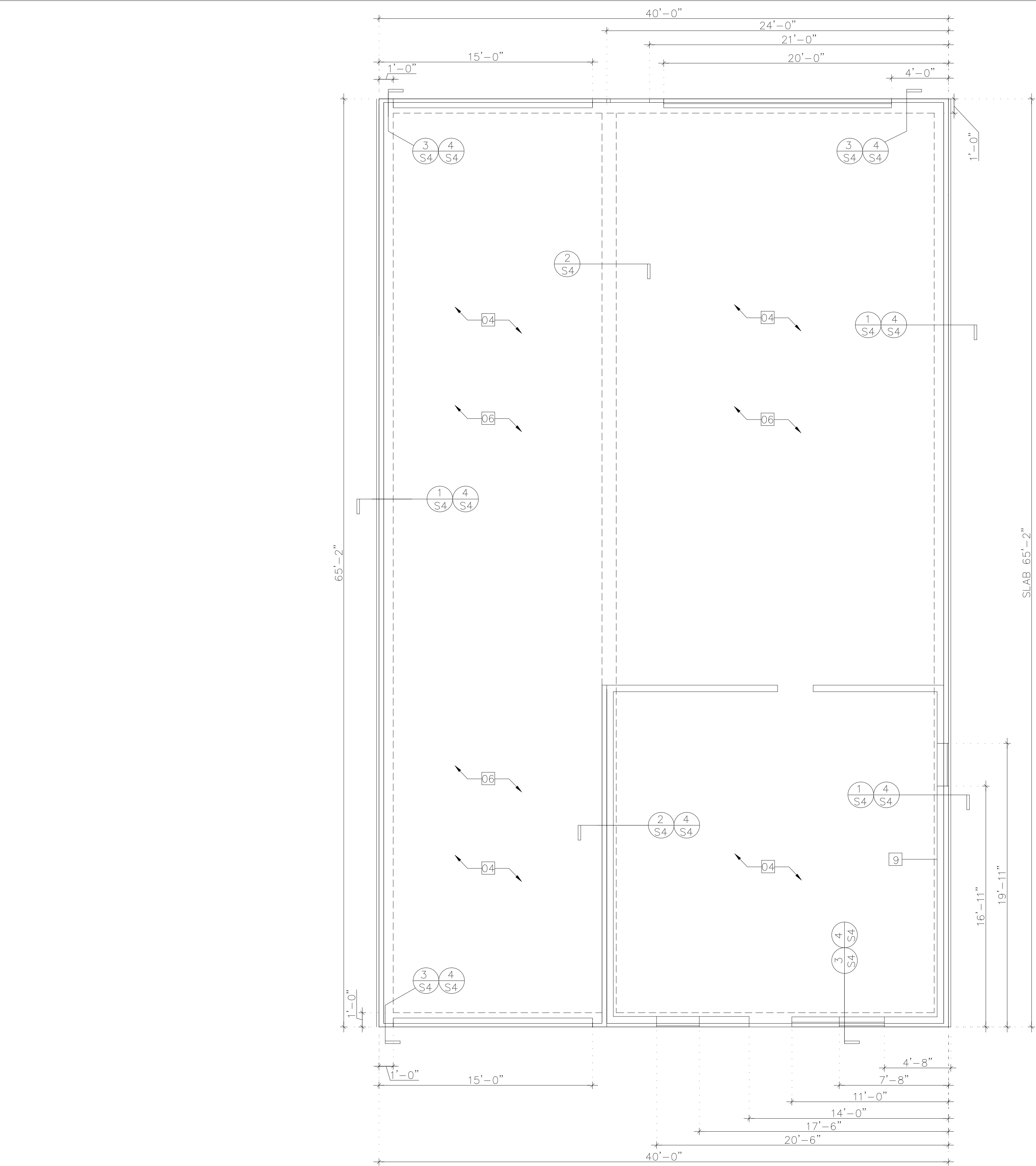
340-15-035

Cottonwood Dr

Shade House Plans

plans@shadehouseplans.com

928-279-2961



NORTH

FOUNDATION PLAN

1/4" = 1'-0"

FOOTING SIZE: SQUARE	THICKNESS OF FOOTING IN INCHES	REINFORCING 3" CLR BOTTOM	ALLOWABLE LOAD IN POUNDS	ICON
2'-0"	10"	2 - # 4 BAR	6,000 LB	01
2'-6"	10"	3- # 4 BAR	9,400 LB	02
3'-0"	12"	3- # 5 BAR	13,500 LB	03
3'-6"	12"	4- # 5 BAR	18,400 LB	
4'-0"	12"	4- # 5 BAR	24,000 LB	
4'-6"	12"	5- # 5 BAR	30,000 LB	
5'-0"	12"	4- # 6 BAR	37,000 LB	
5'-6"	12"	6- # 6 BAR	45,400 LB	
6'-0"	14"	6- # 6 BAR	54,000 LB	
6'-6"	14"	7- # 6 BAR	63,400 LB	
SOIL PRESSURE		Assumed 1500 lb		
4" CONCRETE		2500 lb		
6" CONCRETE		4000 lb		
DESCRIPTION		ICON	DESCRIPTION	ICON
4" CONCRETE OVER 4" AB FILL		04	STHD14 OR EQUABLE	07
6" CONCRETE OVER 6" AB FILL		05	STHD 8 OR EQUABLE	08
SLOPE FLOOR AT 2%		06	FOUNDATION WIDTH IS PER IRC 2012. SLAB IS 4" THICK	09

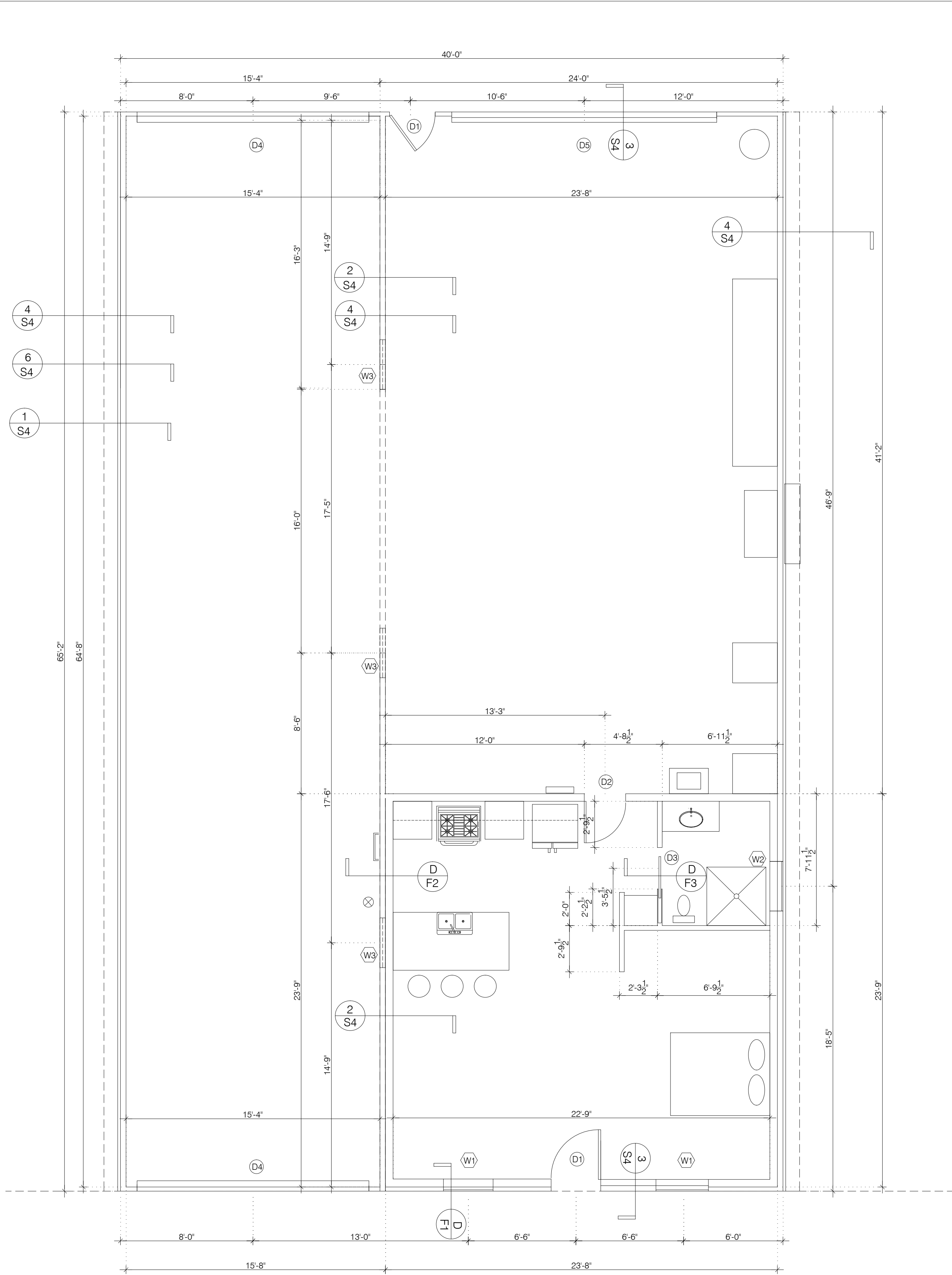
NOTE: FINISHED FLOOR ELEVATION SHALL BE 12" + 2%

NOTE: ALL HOLD DOWNS SHALL BE IN PRIOR TO ANY INSPECTION

MATERIAL SCHEDULE CONCRETE	
01	WATER SHALL BE POTABLE
02	CONCRETE MIX SHALL CONFORM TO THE FOLLOWING: 2500 PSI AND 4000 PSI AT 28 DAYS.

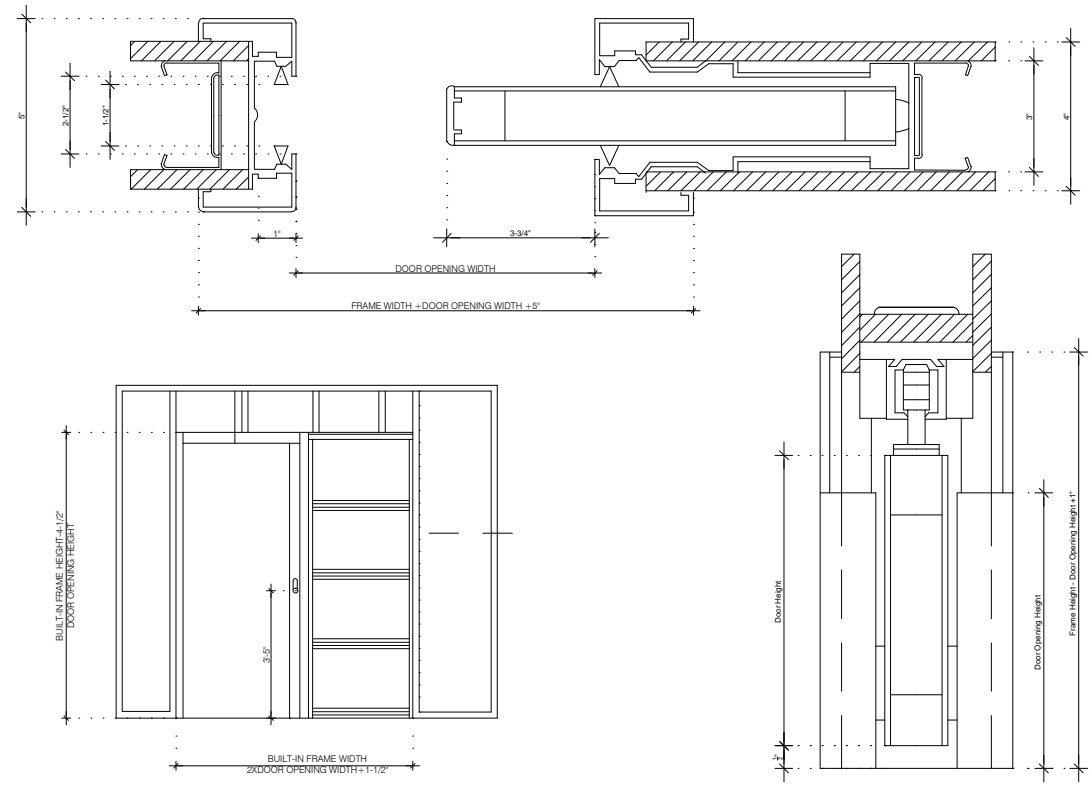
Plan for Henning
Plan #:0005
340-15-035
Cottonwood Dr

Shade House Plans
plans@shadehouseplans.com
928-279-2961

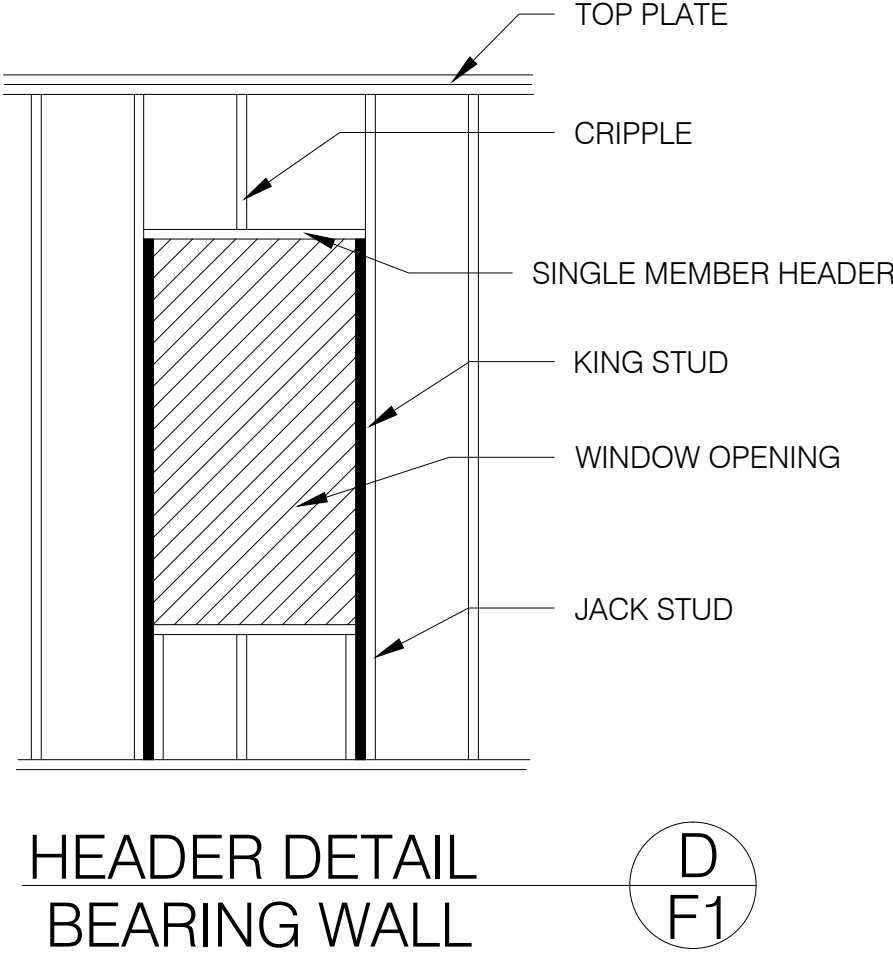
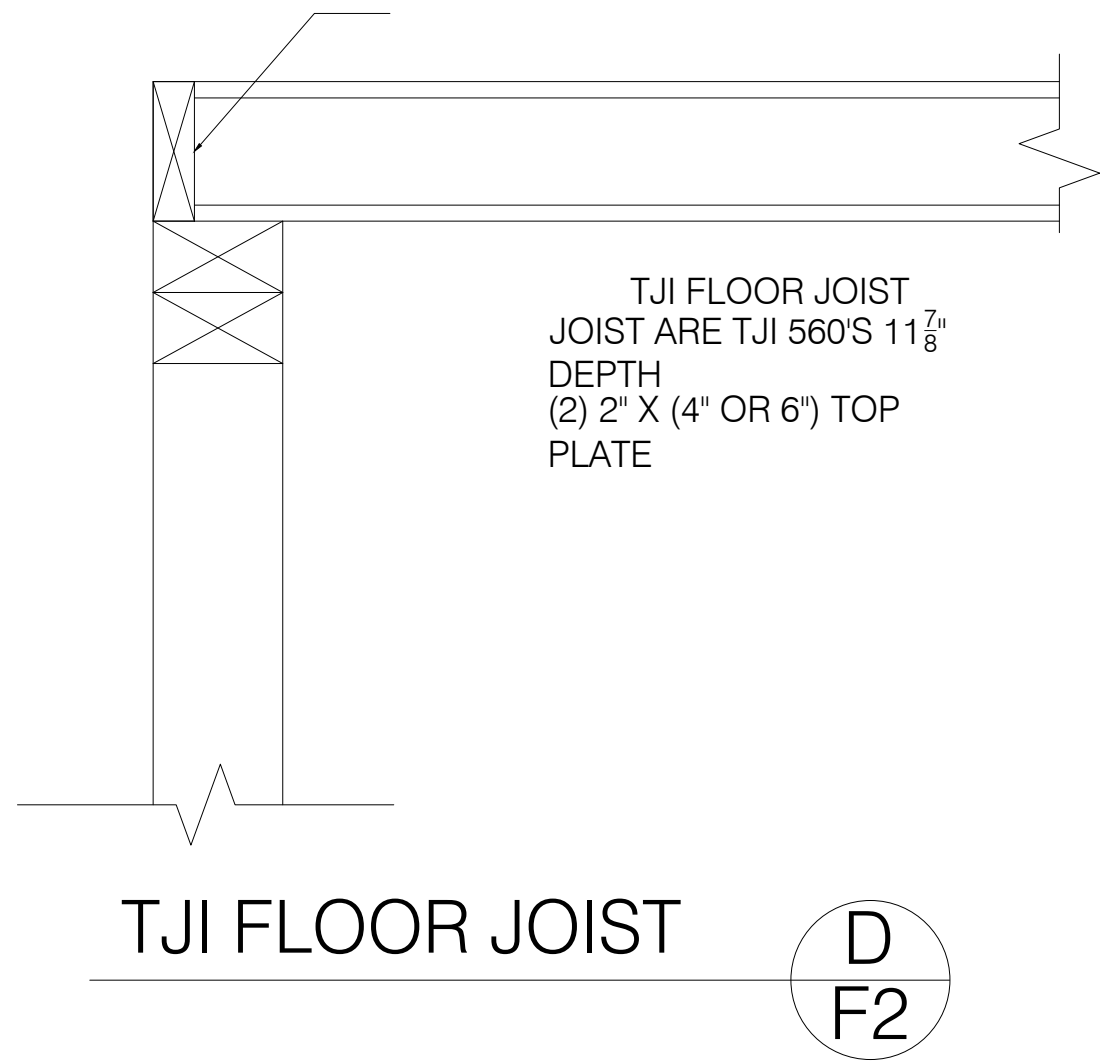


DOOR DETAILS						
#	TYPE	DOOR SIZE			CORE	QTY.
		WIDTH	HEIGHT	THICK		
D1		3' 0"	6' 8"	1 3/4"	SC	2
D2		3' 0"	6' 8"	1 3/8"	SC	1
D3		2' 6"	6' 8"	1 3/8"	HC	1
D4		14' 0"	13' 0"	1 3/8"	SC	2
D5		16' 0"	7' 6"	1 3/8"	SC	1
REMARKS						
ENTRY EXT. GRADE						
DOOR INTO GARAGE SHALL BE SELF-CLOSING AND SELF-LATCHING						
GARAGE						
GARAGE						

WINDOWS DETAILS						
#	TYPE	WINDOWS SIZE		QTY.	GLAZING TYPE	FRAME MATERIAL
		WIDTH	HT			
W1		3' 0"	4' 0"	1		
W2		3' 0"	1' 0"	1	GLASS	
W3		3' 0"	1' 0"	3		
REMARKS						



POCKET DOOR DETAIL D F3



NORTH

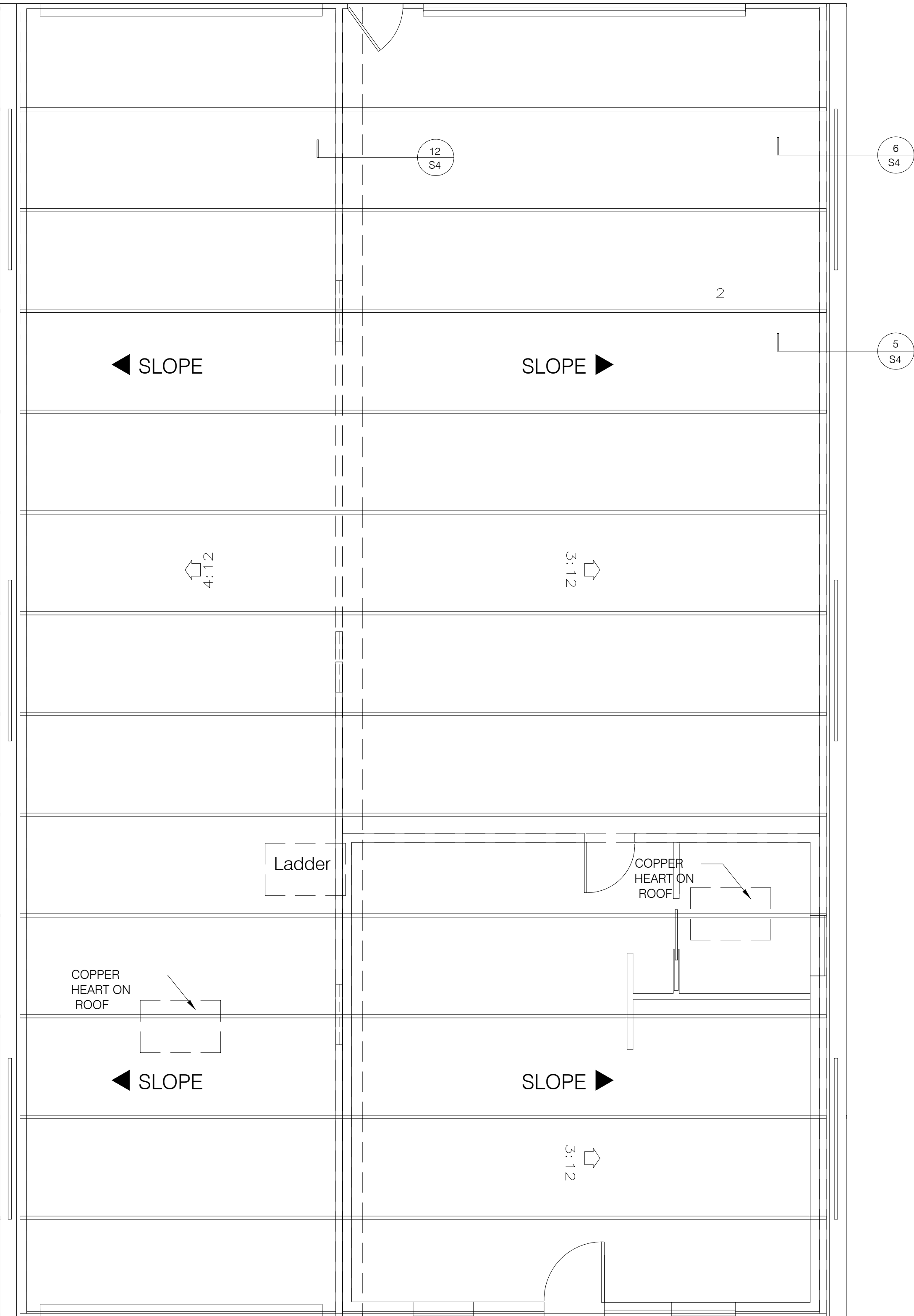
FRAMER'S PLAN

1/4" = 1'-0"

Plan for Henning
Plan #:0005
340-15-035
Cottonwood Dr

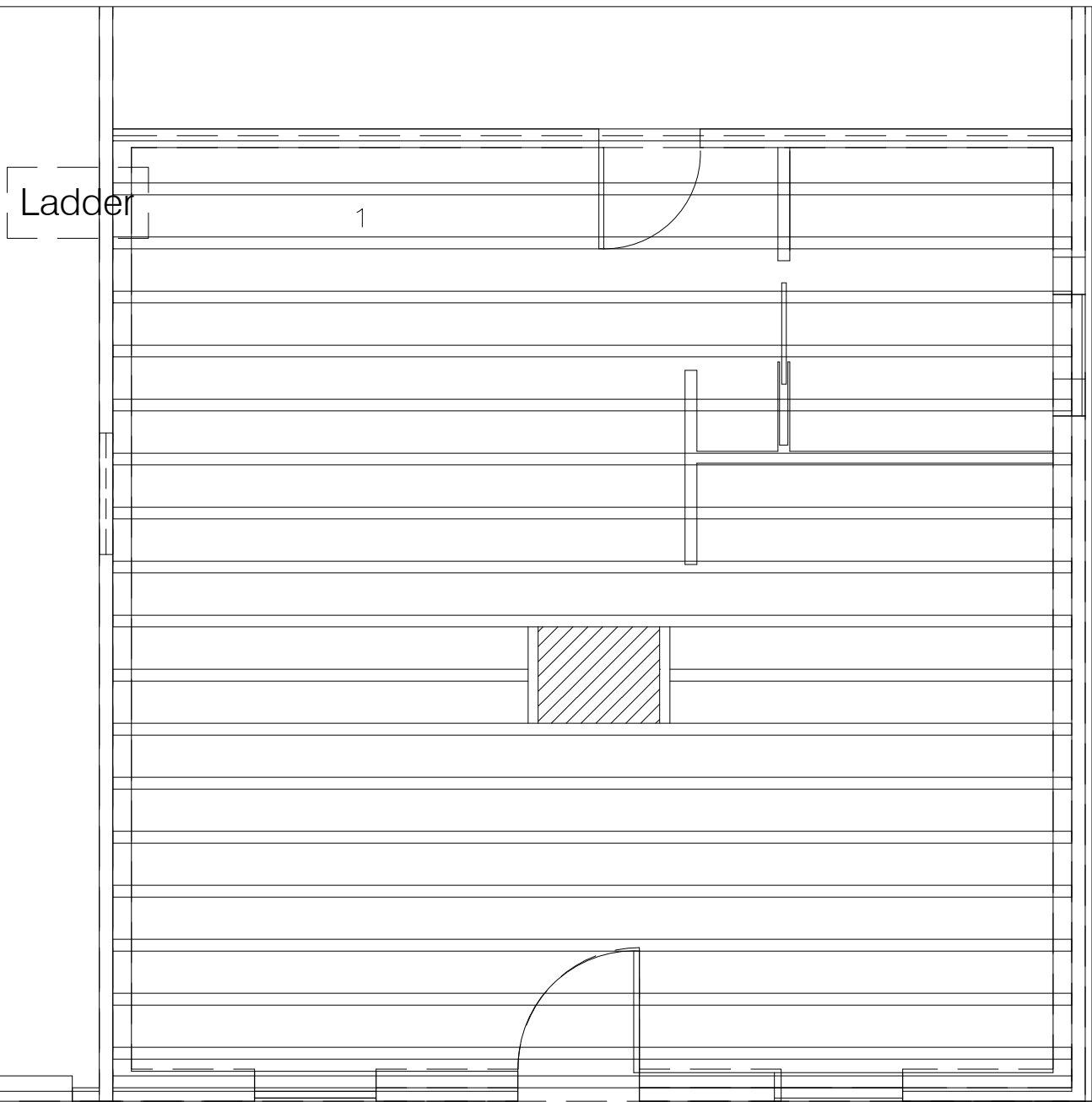
Shade House Plans
plans@shadehouseplans.com
928-279-2961

FRAMER'S PLAN - F



NORTH

ROOF PLAN
1/4" = 1'-0"



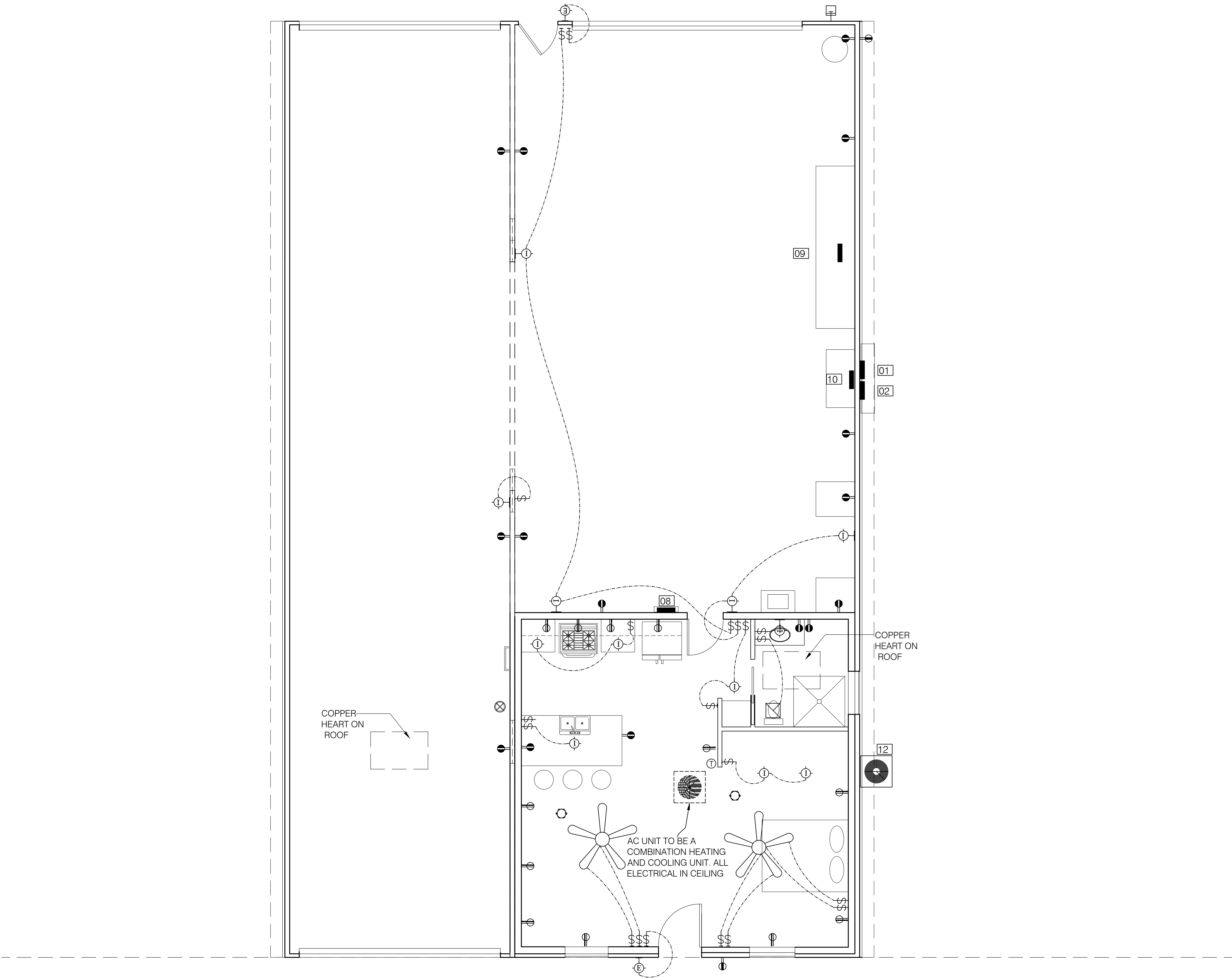
NORTH

ATTIC FLOOR JOISTS
1/4" = 1'-0"

NOTE		NOTE		NOTE	
TRUSS DESIGNER / MANUFACTURER SHALL BE RESPONSIBLE FOR ENSURING THAT THE TRUSS SYSTEM HAS THE REQUIRED STRUCTURAL STRENGTH FOR OVERBUILT SECTUINS, TOWER SECTIONS AND CHIMNEY FRAMING.		TRUSS DESIGNE IS FOR LAYOUT PURPOSES ONLY. ACTUAL DESIGN, SPECS, AND CALS ARE NOT FINALISED IN THE REPRESENTATION. ALL WORK SHALL BE VERIFIED BY A TRUSS MANUFACTURER OR ENGINEER.		AS PER IRC 2012 SECTION R806.2 THE TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN $\frac{1}{150}$ OF TTHE AREA OF THE SPACE VENTILATED EXCEPT THAT REDUCTION OF THE TOTAL AREA TO $\frac{1}{300}$ IS PERMITTED, PROVIDED AT LEAST 40 PERCENT AND NOT MORE THAN 50 PERCENT OF THE REQUIRED VENTILATING ARE IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3 FEET ABOVE THE EAVE OR CORNICE VENTS WITH THE BALENCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS. AS AN ALTERNATE, THE NER FREE CROSS-VENTILATION AREA MAY BE REDUCED TO $\frac{1}{300}$ WHEN A VAPOR RETARDER HAVING A TRANSMISSION RATE NOT EXCEEDING 1 PERM IS INSTALLED	
				NOTES	
01		11 $\frac{7}{8}$ " TJI 560'S FLOOR JOIST @ 16" CENTER			
02		STEEL RAFTERS 5'0" CENTER			
				VENTING CALCULATIONS	
				UNDER ROOF	2600 SF.
				REQUIRED VENT (SF/300)	8.67 SF.
				24"WX18"H IN GABLE VENT	4 VENTS @ 1.5 EA = 6.00 SF
				2"WX8" "L" EAVE STRIP VENT	6 VENTS @ 0.83 EA = 4.98 SF
				TOTAL	10.98 SF
				LOW VENTS	50%
				UPPER VENTS	50 %
				LEGEND	
				SYMBOL	DESCRIPTION
					CATWALK PLATFORM FOR HVAC UNIT AS PER DETAIL
					EAVE VENT AS PER DETAIL
					O'HAGIN STEALTH VENT. ACTUAL TYPE MAY DIFFER DEPENDING ON SELECTED ROOFING MATERIAL ICC ISR#9560A
					GABLE END VENT

Plan for Henning
Plan #:0005
340-15-035
Cottonwood Dr

Shade House Plans
plans@shadehouseplans.com
928-279-2961



NORTH

ELECTRICAL PLAN
1/4" = 1'-0"

LEGEND

SYMBOL	DESCRIPTION	QUANTITY
	CEILING FAN WIH APPROVED LIGHT KIT	2
	CEILING MOUNTED INTRIOR LIGHT	6
	WALL MOUNTED INTRIOR LIGHT	6
	CEILING MOUNTED EXTERIOR LIGHT	
	WALL MOUNTED EXTERIOR LIGHT	2
	6" RECESSED CAN	
	6" RECESSED CAN VAPOR PROOF	
	48" FLURESCENT	
	LIGHT BAR	
	HOOD OR MICRO OVEN	
	EX-HAUST	1
	3 WAY SWITCH	
	SWITCH	20
	SMOKE DETECTORE : USE COMBO UNITS IN AREAS THAT ARE ADJACENT BEDROOMS	2
	PHONE JACK	
	CABLE JACK	
	GARAGE DOOR OPENER	
	DOOR BELL	
	DOOR BELL CHIME	
	110V RECEPTAVLE	11
	GROUND FAULT INTERRUPTER	15
	WEATHER PROTECTED GFI OUTLET	2
	220V RECEPTACLE	4
	PENDANT LIGHT	
QUANTITY IS FOR ROUGH ESTIMATEONLY AND MAY DIFFER ROM FINAL FIELD WORK. ADDITIONAL REQUIRMENT MAY APPLY.		

NOTE

ALL HOSE BIBS INSTALLED IN DWELLING SHALL BE SUBJECT TO P2903.10 OF THE 2012 CODES.

REFERENCE NOTES

ICON	DESCRIPTION
01	ELECTRICAL METER, PROVIDE GROUNDING ELECTRODE
02	ELECTRICAL PANEL
03	FOR CONDENSER UNIT
04	FOR AIR HANDLER UNIT
05	FOR GARAGE DOOR OPENER
06	VERIFY WITH OWNER PRIOR TO INSTALL
07	IN ATTIC-PROVIDE SWITCH
08	ELECTRIC SUB PANEL
09	SOLAR BATTERY BANK
10	INVERTER
11	ALL BRANCH CIRCUITS INSTALLED IN DWELLING UNIT BEDROOMS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER
12	MINI SPLIT COMPRESSOR

NOTE

ELECTRICAL DESIGN IS FOR LAYOUT PURPOSES ONLY. ACTUAL DESIGN, SPECS, AND LOAD CALC ARE NOT FINALIZED IN THIS REPRESENTATION. ALL WORK SHALL BE VERIFIED BY A LICENCE ELECTRICIAN OR ENGINEER.

NOTE

ALL EQUIPMENT AND APPLIANCES INSTALLED IN GARAGE SHALL BE IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTALLATION INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE AVAILABLE TO THE BUILDING INSPECTOR AT THE FINAL INSPECTION IF THE APPLIANCE IS IN PLACE.

LEGEND

SYMBOL	DESCRIPTION
	AIR REGISTER
	RETURN AIR REGISTER
	AIR HANDLER
	HOSE BIB WITH ANTI SIPHON
	CONDENSER ON FLOOR
	RV DRAIN

NOTE

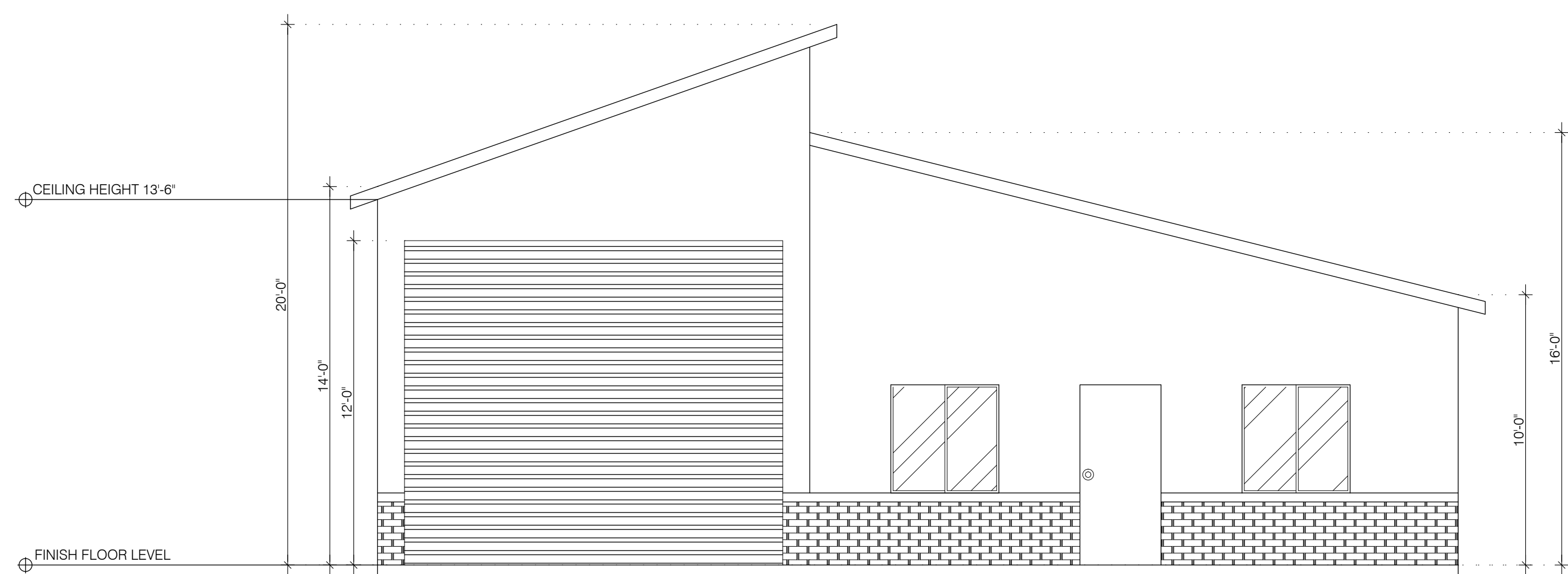
MECHANICAL DESIGN IS FOR LAYOUT PURPOSE ONLY. ACTUAL DESIGN, SPECS, AND MATERIALS ARE NOT FINALIZED IN THIS REPRESENTATION.ALL WORK SHALL BE VERIFIED BY A LICENSED MECHANICAL INSTALLER OR ENGINEER.

NOTE

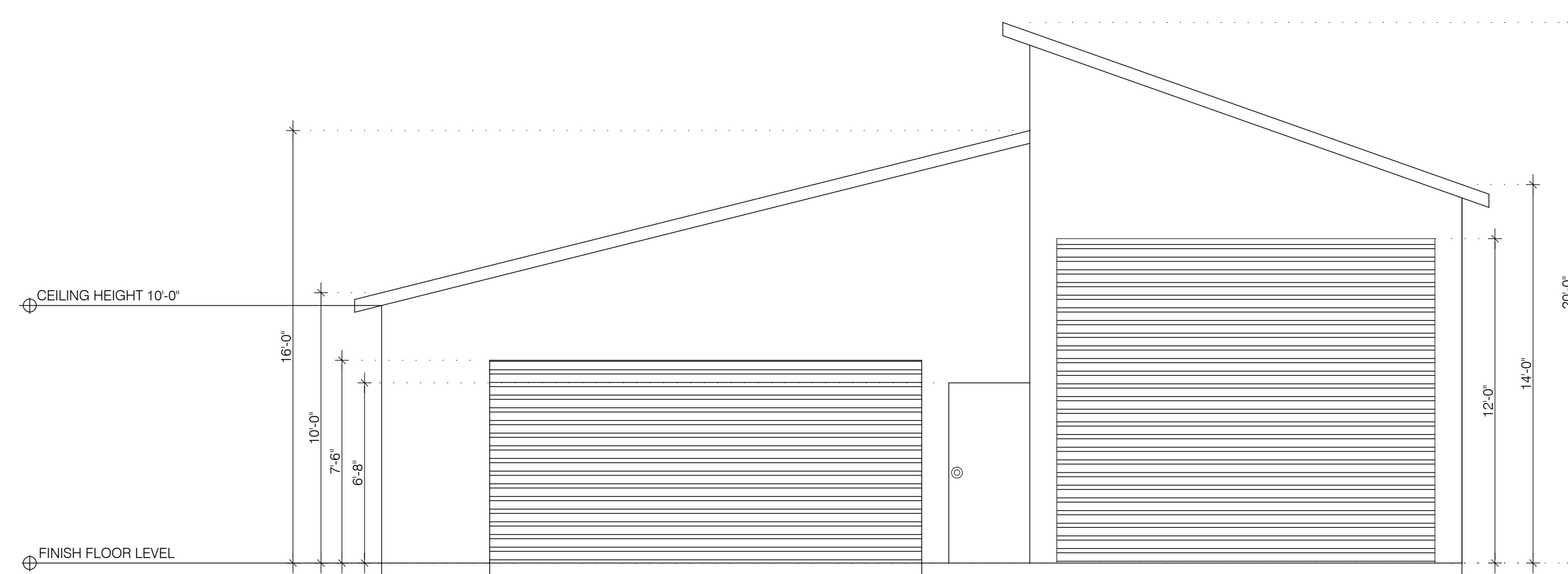
IF A GAS LINE IS PLUMBED FOR FUEL BURNING APPLIANCES PROVIDE COMBUSTION AIR SUPPLY

Plan for Henning
Plan #:0005
340-15-035
Cottonwood Dr

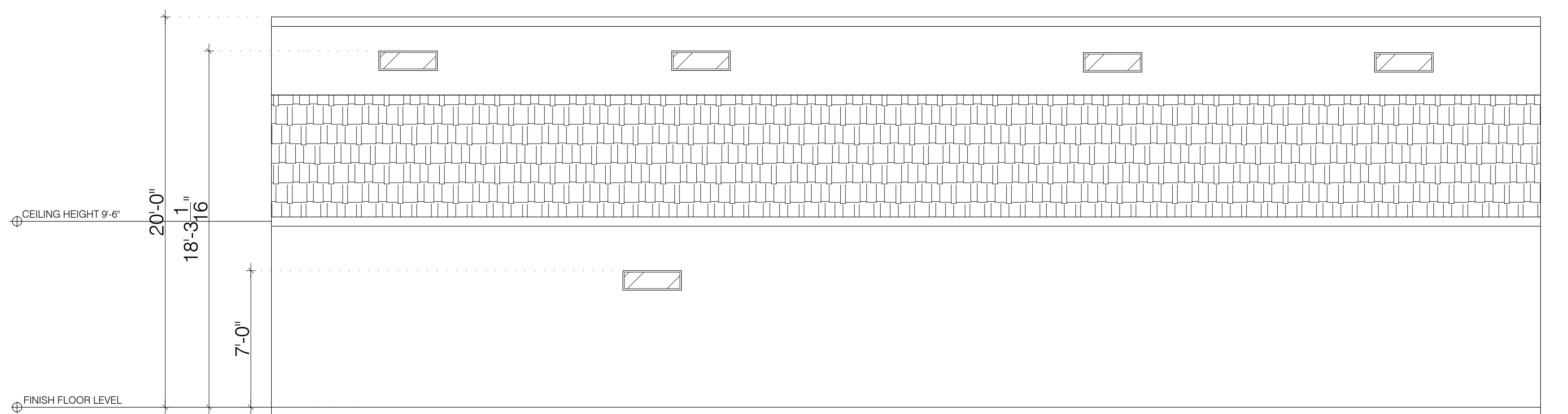
Shade House Plans
plans@shadehouseplans.com
928-279-2961



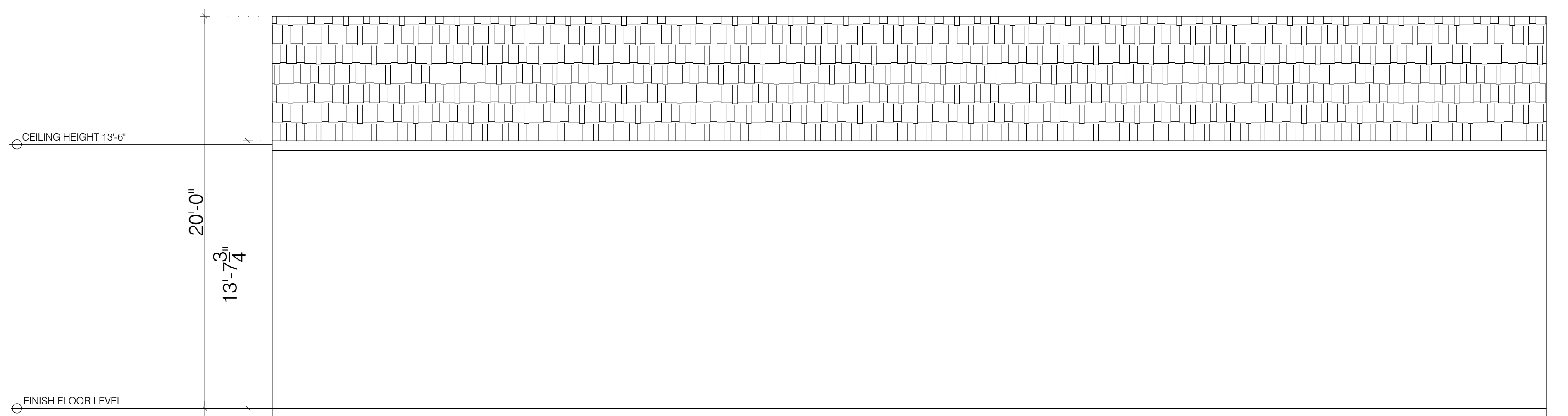
A FRONT ELEVATION
1/4" = 1'-0"



B REAR ELEVATION
1/4" = 1'-0"



C LEFT ELEVATION
1/4" = 1'-0"



D RIGHT ELEVATION
1/4" = 1'-0"

Plan for Henning
Plan #:0005
340-15-035
Cottonwood Dr

Shade House Plans
plans@shadehouseplans.com
928-279-2961