# 16 X 16 ADAMS HEARTH CABIN

PLAN PAGE INDEX




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COVER SHEET

SCALE: N / A

DATE: 11/18/24

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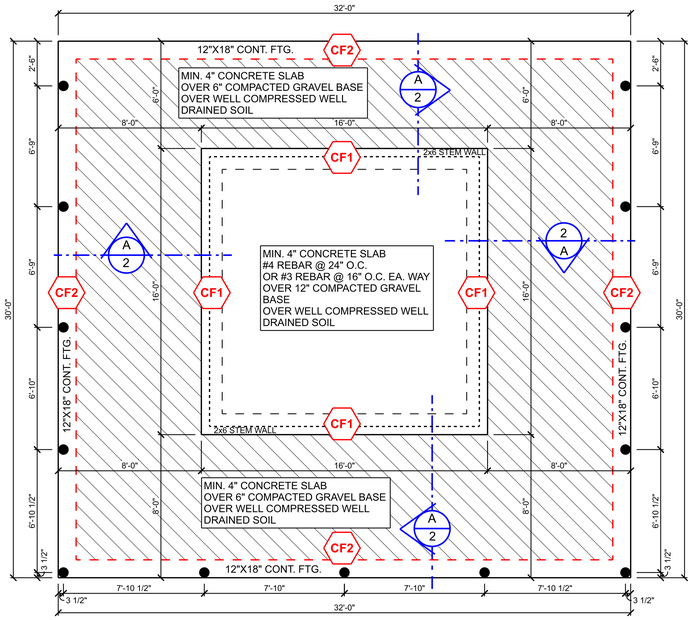
16X16 Adams Hearths Cabin




## CONCRETE SLAB FOUNDATION PLAN

● = PORCH POST LOCATION. SEE DETAIL B

**NOTES**

1: MIN. 4" CONCRETE SLAB W/ #4 REBAR @24" O.C. OR #3 REBAR @16" O.C. EA. WAY OVER COMPACTED GRAVEL BASE

2: CONTINUOUS FOOTINGS AROUND PERIMETER OF MAIN SLAB, AND OUTSIDE OF PATIO

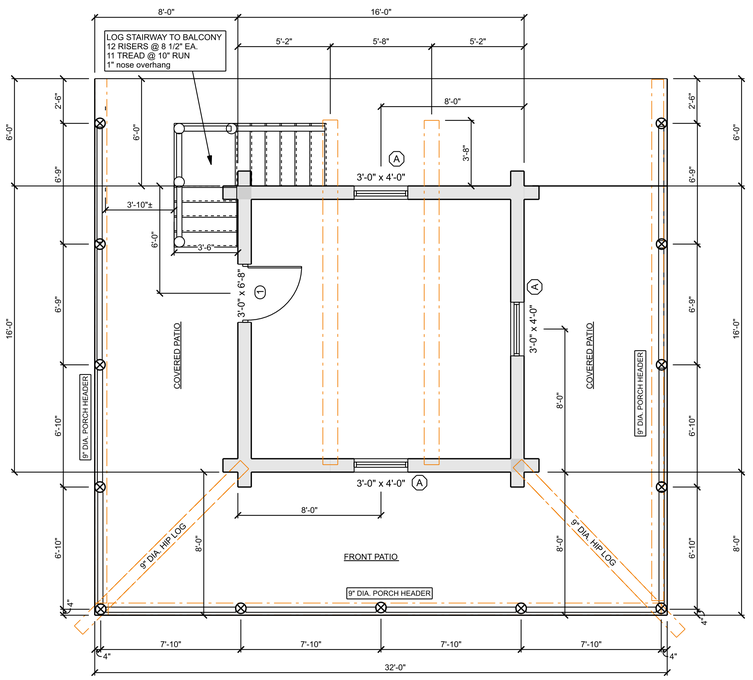
3: PATIOS ARE OFFSET 2" DOWN FROM MAIN SLAB

4: ANCHOR BOLTS PER DETAILS A & B

5: FRAMED STEM WALL AROUND PERIMETER OF MAIN SLAB, BEARING LOG WALL.

6: 2" RIGID FOAM INSULATION AROUND HOUSE SLAB FOOTING PER DETAIL A

| CONT. FOOTING SCHEDULE | | |
|---|---|---|
| MARK | FOOTING | REINFORCEMENT |
| CF1 | CONTINUOUS 14"X24" | (2) #4 BARS STACKED. |
| CF2 | CONTINUOUS 12"X18" | (2) #4 BARS STACKED. |



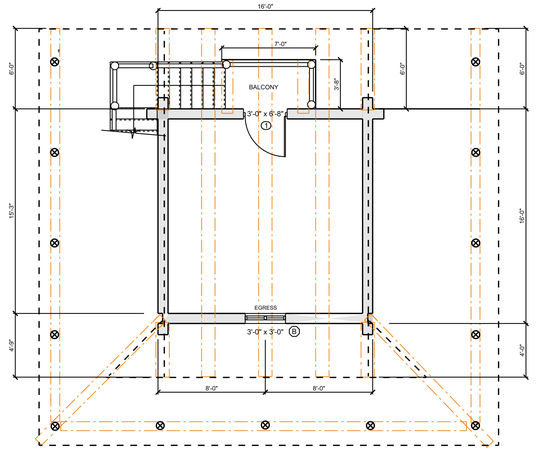

## 16X16 CABIN - FLOOR PLAN

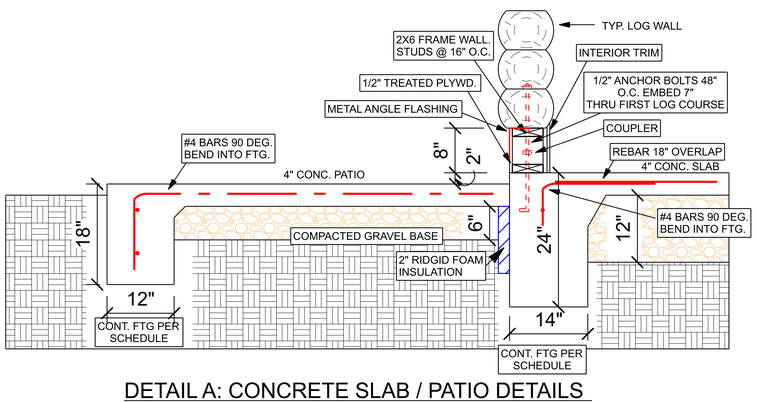
- PLAN DESIGN ALLOWS FOR LOG WALL SETTLING 4" ABOVE DOORWAYS AND 3" ABOVE WINDOWS.

| MAIN FLOOR DOOR SCHEDULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| OPENING ID | EXTERIOR DOORS | WIDTH | HEIGHT | HEADER | JAMB SIZE | EGRESS | COUNT |
| 1 | Entry Door | 3'-0" | 6'-8" | 9 1/2" dia. log | 4 9/16" | Yes | 1 |

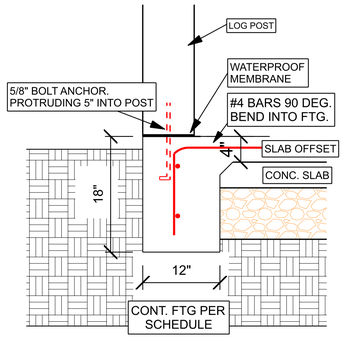
| MAIN FLOOR WINDOW SCHEDULE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| OPENING ID | WINDOWS | WIDTH | HEIGHT | ELEVATION | HEADER | JAMB SIZE | COUNT | EGRESS |
| A | Single Hung | 3'-0" | 4'-0" | | 9 1/2" dia. log | 4 9/16" | 3 | No |

| LOG SHEARWALL SCHEDULE (see shearwall detail) | | | |
|---|---|---|---|
| MARK | WALLS | FASTENING | STEEL PINS |
| | 9"-12" DIA. HOUSELOGS. FLAT-ON-FLAT | LOG BOSS SCREWS @ 48" O.C, EACH COURSE OF LOGS. (2) LOG BOSS SCREWS ATTACH EACH LOG JOINT AND CORNER NOTCH | 5/8" STEEL PINS @ 5 FT. O.C AND EACH SIDE OF DOOR AND WINDOW OPENINGS. EACH COURSE OF LOGS |

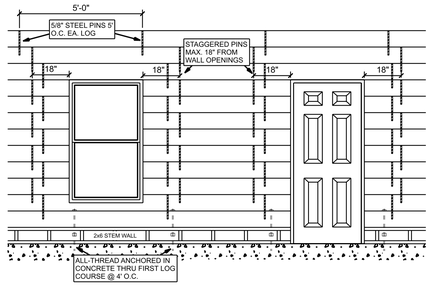



## DETAIL A: CONCRETE SLAB / PATIO DETAILS



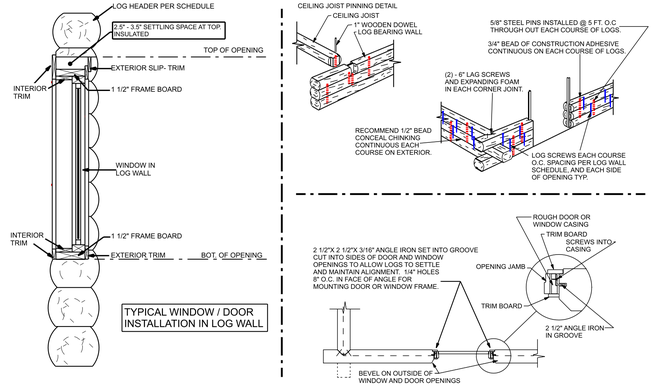

## DETAIL B: PATIO POST CONNECTION




- TYP. STEEL PIN SPACING IN LOG WALL -

## LOG SHEAR WALL DETAIL

### SHEAR WALL AND OPENING DETAILS

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**SLAB FOUNDATION PLAN**
**MAIN FLOOR PLAN - LOFT FLOOR PLAN**

SCALE: 1/4" = 1' | DATE: 11/18/24 | DRAWN BY:


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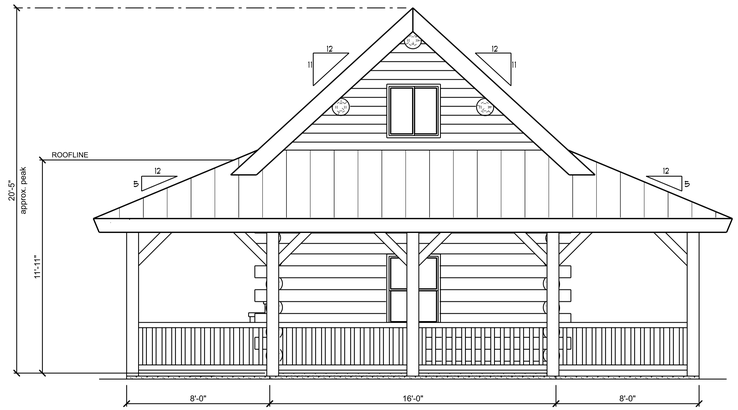
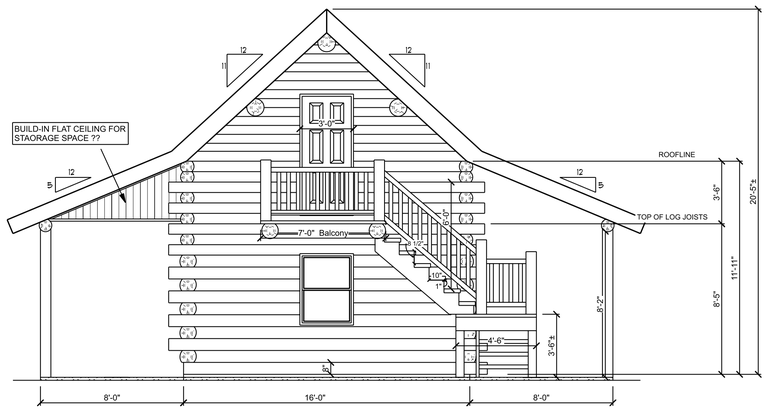
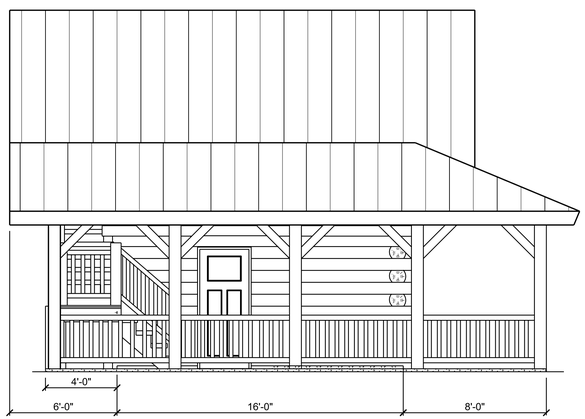


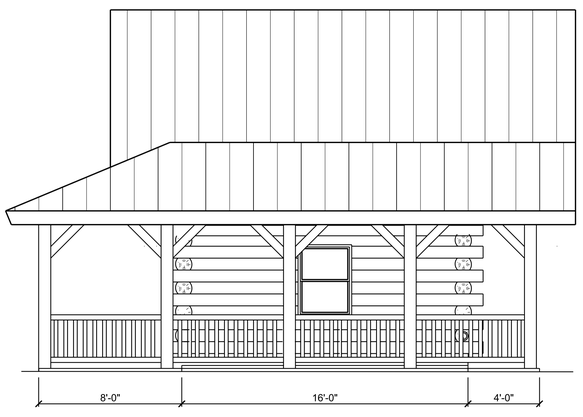

**FRONT ELEVATION**



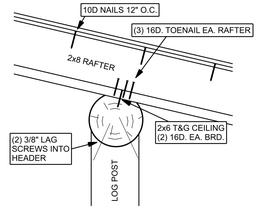

**REAR ELEVATION**



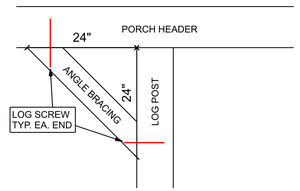

**RIGHT ELEVATION**



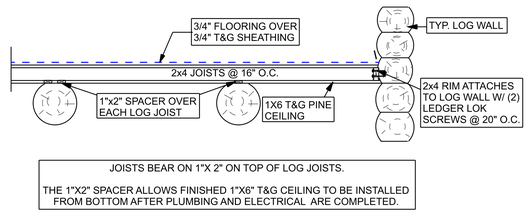

**LEFT ELEVATION**




PORCH HEADER CONNECTION DETAIL



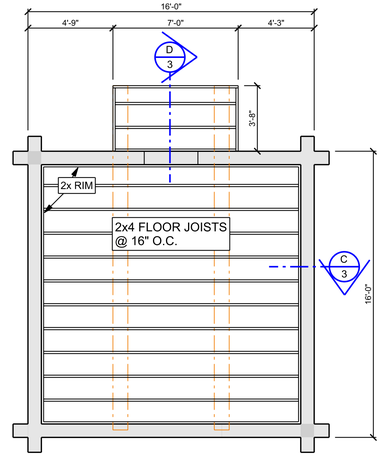

PORCH HEADER ANGLE BRACING




JOISTS BEAR ON 1"X 2" ON TOP OF LOG JOISTS.

THE 1"X2" SPACER ALLOWS FINISHED 1"X6" T&G CEILING TO BE INSTALLED FROM BOTTOM AFTER PLUMBING AND ELECTRICAL ARE COMPLETED.

DETAIL C: LOFT JOIST CONNECTION



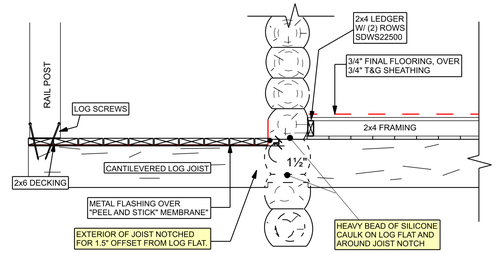

## LOFT FLOOR FRAMING PLAN

- 9 1/2" BCI FLOOR JOISTS @ 16" O.C. JOISTS SHALL BE ATTACHED TO RIM BOARDS WITH SIMPSON "IUS" JOIST HANGERS. TYP. EACH END.

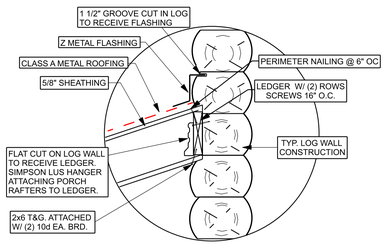
- 3/4" T&G SHEATHING GLUED AND NAILED EACH JOIST. FINISHED FLOORING INSTALLED OVER SHEATHING.

- 1"X6" T&G CEILING BOARDS INSTALLED FROM BOTTOM AFTER PLUMBING AND ELECTRICAL HAVE BEEN COMPLETED. SEE DETAIL O.

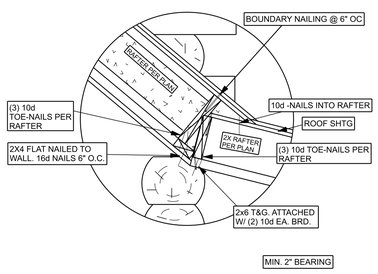
- INSULATION CAN BE INSTALLED IN FLOOR CAVITY TO PROVIDE SOUND PROOFING.




DETAIL D: CANTILEVERED BALCONY




DETAIL E: PORCH ROOF TO WALL CONNECTION




DETAIL F: PORCH TO ROOF CONNECTION

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**ELEVATION VIEWS**
**LOFT FLOOR FRAMING PLAN**

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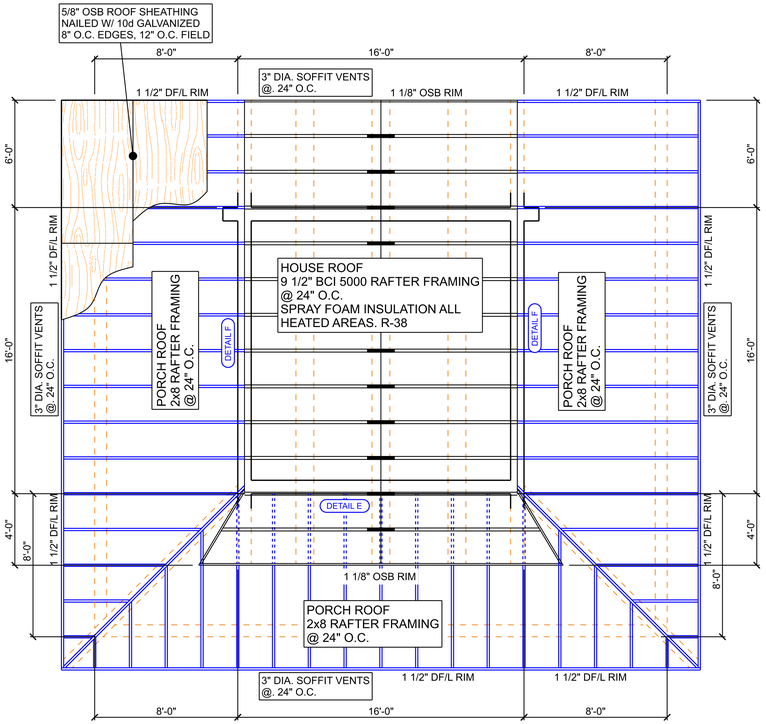



## ROOF FRAMING PLAN

### VENTING AND OVERHANGS

- ALL ROOF PEAKS MUST HAVE CONTINUOUS VENTING., WITH MIN. 4" GAP IN SHEATHING.

- THE ROOF CAVITY SHALL MANTAIN A MIN. OF 2" AIR GAP BETWEEN INSULATION AND SHEATHING TO ALLOW VENTILATION FROM PEAK TO SOFFIT VENTS.

- 3" DIA. SOFFIT VENTS INSTALLED AT EAVE OVERHANGS @. 24" O.C.

- HOUSE EAVE O.H. 30"
- PORCH EAVE O.H. 20"

- GABLE OVERHANGS AS SPECIFIED IN PLAN.

### ROOF NOTES

- HOUSE ROOF FRAMING. 9 1/2" BCI 5000 RAFTERS @ 24" O.C.. OSB RIM BOARDS USED WITH 1" FASCIA ATTACHED TO RIM W/ 10d GALVANIZED.

- PORCH ROOFS HAVE: 2x8 RAFTER FRAMING @ 24" O.C. 1 1/2" DF/L RIM. 1" FASCIA ATTACHED TO RIM W/ 10d GALVANIZED. PORCH FRAMING LUMBER SHALL BE DF/L #2 OR BETTER.

- 1x6 T&G BOARDS FOR MAIN HOUSE CEILINGS. - 2x6 T&G BOARDS FOR PORCH CEILINGS.

- SIMPSON ST18 STRAPS CONNECT RAFTERS WHERE THEY MEET AT PEAK. STRAPS MAY BE INSTALLED OVER SHEATHING.

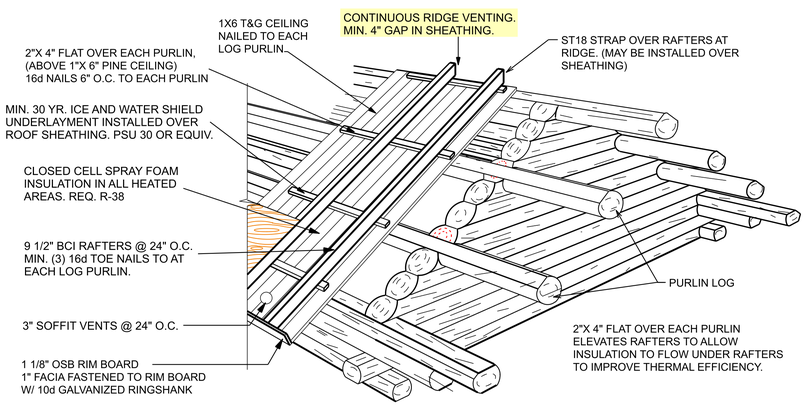
- CLOSED CELL SPRAY FOAM INSULATION ALL HEATED AREAS. R-49

- 5/8" OSB ROOF SHEATHING OVER RAFTERS. NAILED WITH 10d GALVANIZED RINGSHANK 12" O.C. FIELD AND 6" O.C. EDGES.

- MIN. 30 YR. ICE AND WATER SHIELD UNDERLAYMENT INSTALLED OVER ROOF SHEATHING. PSU 30 OR EQUIV.

- FINAL ROOFING. MATERIALS AND INSTALLATION "TBD" BY ROOFING CONTRACTOR.

- SEE ROOF FRAMING DETAIL.




ROOF CONSTRUCTION WITH SPRAY IN FOAM INSULATION

### ELECTRICAL NOTES

1. THESE ELECTRICAL PLANS ARE TO BE USED FOR FIXTURE AND OUTLET PLACEMENT PURPOSES ONLY. FINAL ELECTRICAL DESIGN AND CALCULATIONS TO BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. SHOULD A CONFLICT OF COMPLIANCE ARISE WITH ANY OF THE PLACEMENTS, CHANGES AS RECOMMENDED BY ELECTRICAL CONTRACTOR / INSPECTOR SHALL TAKE PRECEDENCE TO THIS PLAN.

3. PHONE, INTERNET AND "CATTV" LOCATIONS PER HOMEOWNER.

4. SMOKE DETECTORS ARE TO BE INSTALLED ON CEILINGS / WALLS AT LOCATIONS SPECIFIED IN PLANS. DETECTORS ARE TO BE HARD WIRED, WITH BATTERY BACK-UP, AND INTERCONNECTED.

5: ALL EXTERIOR OUTLETS AND BATHROOM OUTLETS SHALL BE GFI PROTECTED.

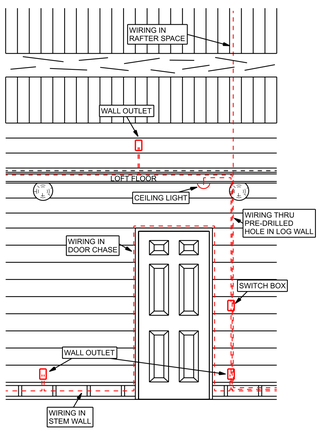
6. ALL ELECTRICAL WORK AND APPLIANCES SHALL CONFORM TO LOCAL CODES SPECIFIED BY ELECTRICAL INSPECTOR / CONTRACTOR.

7. EXCEPTIONS FROM GFI REQUIREMENTS SHALL BE PERMITTED PROVIDED LOCATION WHERE EXCEPTION IS DESIRED, OR IS ALLOWED PER ELECTRICAL CODES.

8. 1 1/2" HOLES ARE PRE-DRILLED IN LOG WALLS FOR OUTLET WIRING AND MAIN ELECTRICAL CHASES. REFERENCE PLAN FOR LOCATIONS.

9. OUTLET BOXES AND SWITCH BOXES ARE PER-CUT INTO LOG WALLS WHERE APPLICABLE. EACH OUTLET IN A LOG WALL IS PRE-DRILLED FROM 1st ROW OF LOGS, DOWN INTO STEM WALL.

10. ONSITE BUILDING CREW MUST DRILL THROUGH STEM WALL TOP PLATE TO ENSURE THE HOLE EXITS INTO THE WALL FRAMING.




TYPICAL ELECTRICAL DETAILS FOR SLAB FOUNDATION

1. FOR OUTLETS IN LOG WALLS. 1 1/2" HOLES ARE PRE-DRILLED DOWN THRU BOTTOM LOG. BOXES ARE THEN CUT AND PREPPED AT APPROPIATE HEIGHT AND SIZE. WIRING CAN THEN BE ROUTED THROUGH THE STEM WALL WHERE NEEDED.

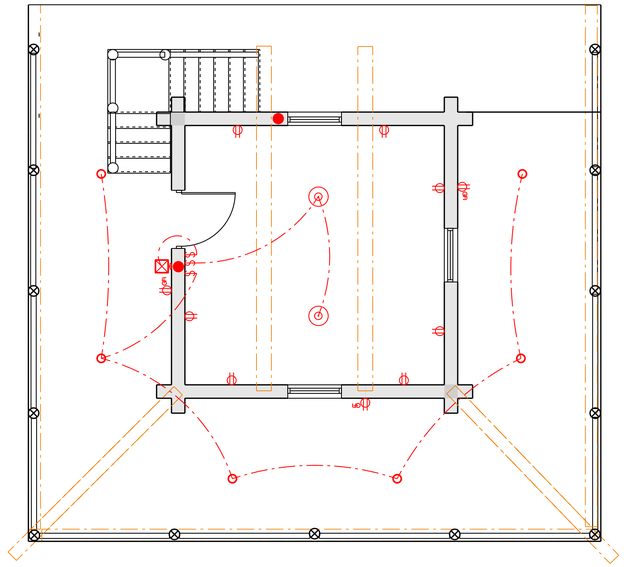
2: 1 1/2" ELECTRICAL HOLES ARE PRE-DRILLED IN WALLS AT SWITCH LOCATIONS. TO THE FULL HEIGHT OF WALL OR PARTIAL HEIGHT OF LOG WALL. SEE PLANS. SOME WIRING CAN BE RUN AROUND DOOR AND WINDOW OPENINGS, BEHIND WOOD TRIM OR FRAMES.

3: LOCATED AT MAIN DOORWAYS AND AS SPECIFIED ON THE PLAN. SWITCH BOXES ARE CUT INTO LOG WALLS IN THE SIZE/AMOUNT LISTED ON PLAN.,

4. INTERIOR WALLS MAY BE WIRED CONVENTIONALLY, AS LONG AS THERE IS PROVISION FOR THE WIRING TO FLEX WITH SETTLING AT ANY POINT THE WIRE GOES INTO A LOG WALL.

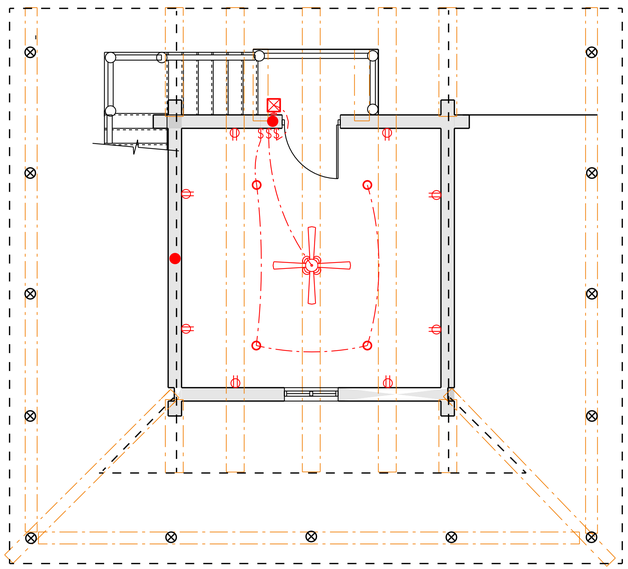
## MAIN FLOOR ELECTRICAL PLAN

| MAIN FLOOR ELECTRICAL LEGEND | | |
|---|---|---|
| ELECTRICAL | COUNT | SYMBOL |
| can light 6inch | 6 | |
| ceiling dish round | 2 | |
| 1.5 drilled hole in log wall, main floor to roofline | 2 | |
| outlet | 7 | |
| gfi outlet | 3 | |
| single switch small | 3 | |
| outdoor wall light | 1 | |



## LOFT ELECTRICAL PLAN

| LOFT ELECTRICAL LEGEND | | |
|---|---|---|
| ELECTRICAL | COUNT | SYMBOL |
| ceiling fan w/ lights | 1 | |
| can light 6inch | 4 | |
| 1.5 drilled hole in log wall, main floor to roofline | 2 | |
| single switch small | 3 | |
| outdoor wall light | 1 | |
| outlet | 8 | |



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ELECTRICAL PLANS

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