

TOWN OF MINERVA WARMING HUT

Window and Door Schedule

Quantity	Unit#	Manufacturer	Rough Opening	Door/Window Type
1	C25	Anderson	4'0 1/2 x 5'0 3/8	Casement
1	C13	Anderson	2'0 5/8 x 3'0 1/2	Casement
2	C12	Anderson	2'0 5/8 x 2'0 5/8	Casement
2	C23	Anderson	4'0 1/2 x 3'0 1/2	Casement
1	CN15-P4050-CN15	Anderson	7'7" x 5'0 3/8	Casement
2	3068 S9L	Anderson	3'2" x 6'10"	Entry Door

FOUNDATION:

1. FOUNDATIONS ARE DESIGNED FOR A 1500 POUNDS PER SQUARE FOOT ALLOW. SOIL BEARING PRESSURE UNLESS NOTED OTHERWISE.
2. MINIMUM CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 2500 psi. (5 SACKS OF CEMENT PER CUBIC YARD, 4" MAXIMUM SLUMP, 3/4" MAXIMUM AGGREGATE SIZE.)
3. ALL CEMENT USED SHALL CONFORM TO A.S.T.M. C-150.
4. REINF. STEEL TO CONFORM TO A.S.T.M. A615-40 FOR #4 & SMALLER AND A615-60 FOR #5 & LARGER U.O.N.
5. HORIZONTAL OR VERTICAL REINFORCEMENT NOTED "CONT." SHALL HAVE A MINIMUM SPICE EQUAL TO 30 BAR DIAMETERS IN CONCRETE.
3. STAGGER ALL ADJACENT REINFORCEMENT SPLICES 48" MINIMUM.
7. #5 OR LARGER REINFORCEMENT STEEL SHALL NOT BE REBENT
3. USE 4" CONC. SLAB WITH 6 x 6 - #10 / #10 W.W.M. OVER 2" OF CLEAN DAMP SAND OVER 6 MIL VAPOR BARRIER OVER 4" CRUSHED ROCK OVER COMPACTED SUBGRADE AT LIVING SPACES. USE 4" CONCRETE SLAB WITH 6 x 6 - #10 / #10 W.W.M. OVER 4" CRUSHED ROCK OVER COMPACTED SUBGRADE AT OTHER SLAB AREAS. INSTALL SLAB REINFORCEMENT AT CENTER LINE OF CROSS SECTIONAL AREA OF SLAB - TYPICAL.
3. FOUNDATION SILL PLATES SHALL BE BOLTED TO THE FOUNDATION WITH 1/2" DIA. x 10" ANCH. BOLTS AT 48" o.c. UNLESS OTHERWISE NOTED. BOLTS SHALL BE EMBEDDED 7" INTO REINFORCED CONCRETE. THERE SHALL BE A MINIMUM OF TWO BOLTS PER PIECE WITH ONE BOLT LOCATED WITHIN 12" OF EACH END OF EACH PIECE. USE 2X2X3/16 FLAT CUT WASHERS.
10. ALL WOOD BEARING ON CONCRETE OR MASONRY, OR WITHIN 6" FROM THE GROUND SURFACE, SHALL BE PRESSURE TREATED.
11. SAWCUT ALL SLABS WITH 1" DEEP CRACK CONTROL JOINTS AT INTERVALS NOT TO EXCEED 30' o.c. EACH WAY. SAWCUTTING SHALL OCCUR 16 TO 20 HOURS AFTER POUR.
12. REMOVE ALL TREES AND PLANTS, INCLUDING ALL ROOTS, WITHIN 5' FROM FOUNDATION.
13. FINISH GRADE SHALL SLOPE AT 2% MINIMUM AWAY FROM ALL STRUCTURES FOR A MINIMUM OF 5'.
14. PROVIDE UNDER FLOOR VENTILATION NOT LESS THAN 1/150 SQUARE FEET OF THE TOTAL UNDER FLOOR AREA PER U.B.C. SECTION 2306-7.
15. PROVIDE A MINIMUM OF A 18" x 24" FOUNDATION ACCESS TO ALL UNDER FLOOR AREAS PER U.B.C. SECTION 2306-3.
16. CONCRETE AGGREGATES SHALL CONFORM TO A.S.T.M. C-33.
17. PIPES MAY PASS THROUGH STRUCTURAL CONCRETE IN SLEEVES OR OTHER APPROVED METHOD, BUT MAY NOT BE EMBEDDED THEREIN.
18. BOTTOM OF ALL FOOTING TRENCHES SHALL BE CLEAN AND LEVEL
19. WHERE 1/2" DIA. x 10" ANCHOR BOLTS HAVE NOT BEEN PROPERLY LOCATED, USE 1/2" DIAMETER "HILTI" KWIK-BOLTS WITH 2" EMBEDMENT BELOW BOTTOM OF SLAB. INSTALL PER

FLOOR FRAMING:

1. FLOOR SHEATHING:
3/4" STANDARD T&G, SUB-FLOOR, APA #48/24 MIN. GLUE AND NAILED TO FRAMING WITH 10d NAILS AT 6" O.C. EDGE NAILING (E.N.) AND 10" O.C. FIELD NAILING (F.N.) UNLESS OTHERWISE NOTED. STAGGER ALL END JOINTS AND RUN PLYWOOD PERPENDICULAR TO THE DIRECTION OF THE FRAMING. (NOTE: 10d RING SHANKS ARE RECOMMENDED IN LIEU OF 10d NAILS)
2. TRUSS DESIGN BY TRUSS MANUFACTURER (WHERE APPLICABLE). NOTE: T.J.I, MICRO-LAM, AND PARALLAM ARE TRADEMARK NAMES OF "TRUS-JOIST" CORP.
3. PROVIDE DOUBLE JOISTS OR BLOCKING UNDER ALL PARALLEL PARTITION WALLS.
4. PROVIDE EDGE NAILING TO ALL BLOCKING OR RIM JOISTS CONNECT ALL BLOCKING OR RIM JOISTS, WHICH OCCUR IN SHEAR WALL LINES, TO TOP PLATES, WITH "SIMPSON" A35 FRAMING CLIPS AT 32" O.C. UNLESS OTHERWISE NOTED.
5. PROVIDE CONTINUOUS BLOCKING OVER ALL BEARING WALLS, SHEAR WALLS, BEAMS, AND HEADERS.
6. CARRY UPPER LEVEL POSTS ONTO LOWER LEVELS AND PROVIDE SOLID BLOCKING UNDER ALL POSTS IN FLOORS.
7. NO STRUCTURAL PANEL SHALL BE LESS THAN 12" IN ITS LEAST DIMENSION.
8. USE 5/8" THICK GYPSUM BOARD (SHEET ROCK) WHERE WOOD FRAMING IS SPACED AT 24" O.C. ATTACH TO FRAMING WITH GYP BOARD SCREWS AT 10" O.C. MAX. SCREWS SHALL BE LONG ENOUGH TO PENETRATE INTO THE WOOD FRAMING A MIN OF 3/4". STAGGER ALL END JOINTS AND RUN THE GYP BOARD PERPENDICULAR TO THE DIRECTION OF THE FRAMING.
9. ALL FIRST FLOOR FRAMING MATERIALS #2 SPF U.N.O.
11. DECK SUPPORT POSTS ARE #2 SYP P.T. U.N.O.
12. PROVIDE MID-SPAN BLOCKING - TYPICAL.

ROOF FRAMING:

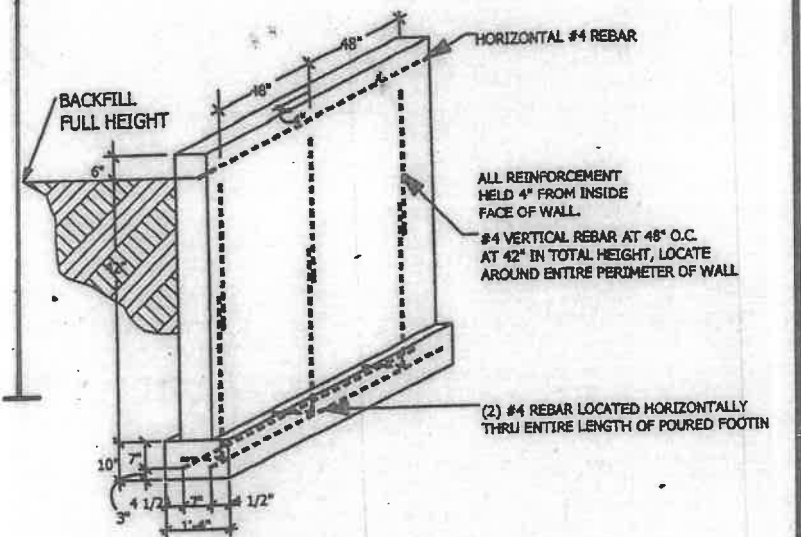
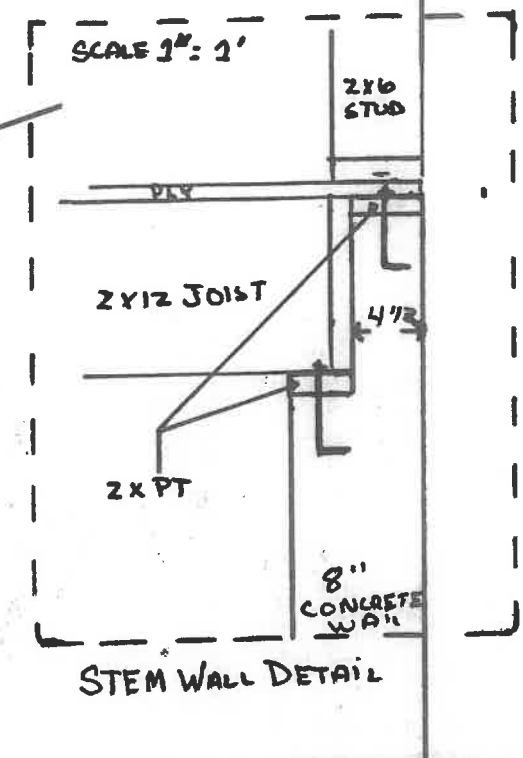
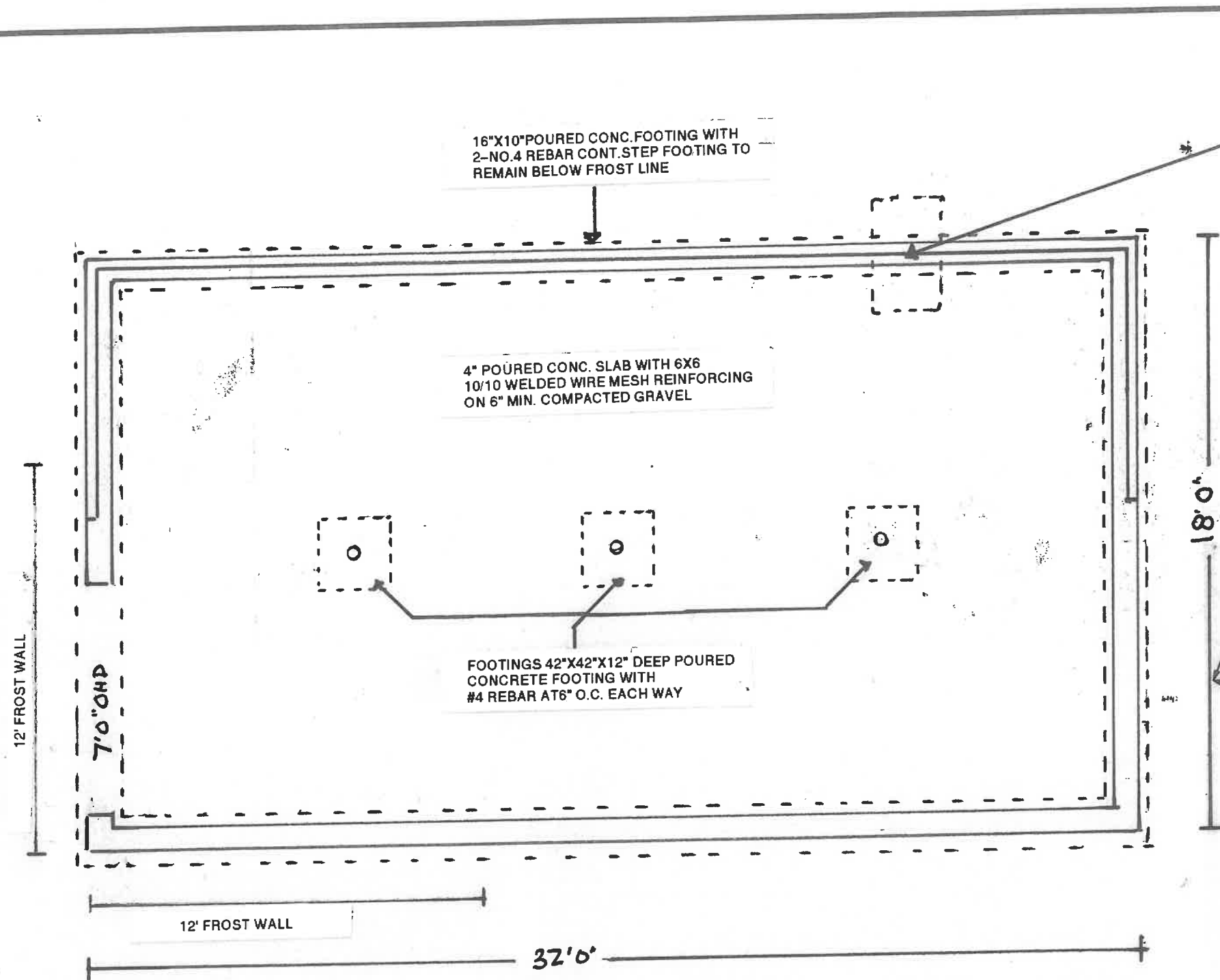
1. ROOF SHEATHING:
5/8" STANDARD, CDX, O.S.B., (OR PLYWD.) APA #32/16 MIN. NAILED TO FRAMING WITH 8d NAILS @ 6" O.C. EDGE NAILING (E.N.) AND 12" O.C. FIELD NAILING (F.N.) UNLESS OTHERWISE NOTED. STAGGER ALL END JOINTS AND RUN PLYWOOD PERPENDICULAR TO THE DIRECTION OF THE FRAMING.
2. TRUSS DESIGN BY TRUSS MANUFACTURER (WHERE APPLICABLE). NOTE: T.J.I, MICRO-LAM, AND PARALLAM ARE TRADEMARK NAMES OF "TRUS-JOIST" CORP.
3. PROVIDE EDGE NAILING TO ALL BLOCKING OR RIM JOISTS CONNECT ALL BLOCKING OR RIM JOISTS, WHICH OCCUR IN SHEAR WALL LINES, TO TOP PLATES WITH "SIMPSON" A35 FRAMING CLIPS AT 48" O.C. UNLESS OTHERWISE NOTED.
4. PROVIDE CONTINUOUS BLOCKING OVER ALL BEARING WALLS, SHEAR WALLS, BEAMS, AND HEADERS.
5. NO STRUCTURAL PANEL SHALL BE LESS THAN 12" IN ITS LEAST DIMENSION.
6. USE 5/8" THICK GYPSUM BOARD (SHEET ROCK) WHERE WOOD FRAMING IS SPACED AT 24" O.C. ATTACH TO FRAMING WITH GYP. BOARD SCREWS AT 10" O.C. MAX. SCREWS SHALL BE LONG ENOUGH TO PENETRATE INTO THE WOOD FRAMING A MINIMUM OF 3/4". STAGGER ALL END JOISTS AND RUN THE GYP. BOARD PERPENDICULAR TO THE DIRECTION OF THE FRAMING.
7. PROVIDE FREE VENTILATING AREA NOT LESS THAN 1/150 OF THE AREA OF THE SPACE VENTILATED PER IRC SECTION R408.1 & 408.2.
8. PROVIDE 22" x 30" MINIMUM ATTIC ACCESS PER IRC SECTION R807.1.
9. TOP CHORD OF GABLE TRUSSES TO BE MINIMUM OF 2x8. SEE TRUSS CALCULATIONS FOR ADDITIONAL INFORMATION.

DESIGN CRITERIA:

WEATHERING	SEVERE ZONE 15
TERMITES	SLIGHT
DECAY	SLIGHT
WINTER DESIGN TEMP.	7635 DEGREE DAYS
SEISMIC	C-2
AIR FREEZE INDEX	1688
FROST LINE	48"
ICE & WATER UNDERLAYMENT	24" MIN.
FLOOD HAZARD	TO BE DET. BY TOWN ZONING DEPT.
SITE ELEVATION ABOVE SEA LEVEL	318 FT
FIRST FLOOR LIVE LOAD	40 PSF
FIRST FLOOR DEAD LOAD	10 PSF
SECOND FLOOR LIVE LOAD	40 PSF
SECOND FLOOR DEAD LOAD	10 PSF
ROOF DEAD LOAD	15 PSF
GROUND SNOW LOAD	60 PSF
WIND LOAD	115 MPH, 3 SEC. GUST

TOWN OF MINERVA WARMING HUT

SCALE:	APPROVED BY:	DRAWN BY
DATE:		REVISED
COVER SHEET		DRAWING NUMBER

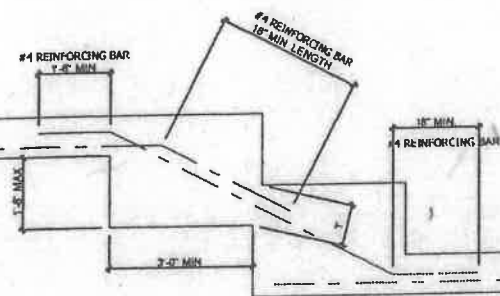


STEM WALL REBAR SCHEDULE
NOT TO SCALE

NOTES: T = footing thickness
The minimum footing thickness, T, in stepped areas shall equal the footing thickness in those unstepped areas.
The reinforcing bar size in stepped areas shall equal the bar size in those unstepped areas.
A minimum of 3 inches of concrete is required around all reinforcing bars.

R403.1.5 Slope. The top surface of footings shall be level. The bottom surface of footings shall not have a slope exceeding one unit vertical in 10 units horizontal (10-percent slope).
Footings shall be stepped where it is necessary to change the elevation of the top surface of the footings or where the slope of the bottom surface of the footings will exceed one unit vertical in ten units horizontal (10-percent slope) in conformance with Figure R403.1.5.

STEP FOOTING



TOWN OF MINERVA WARMING HUT

SCALE: 1/4" = 1'

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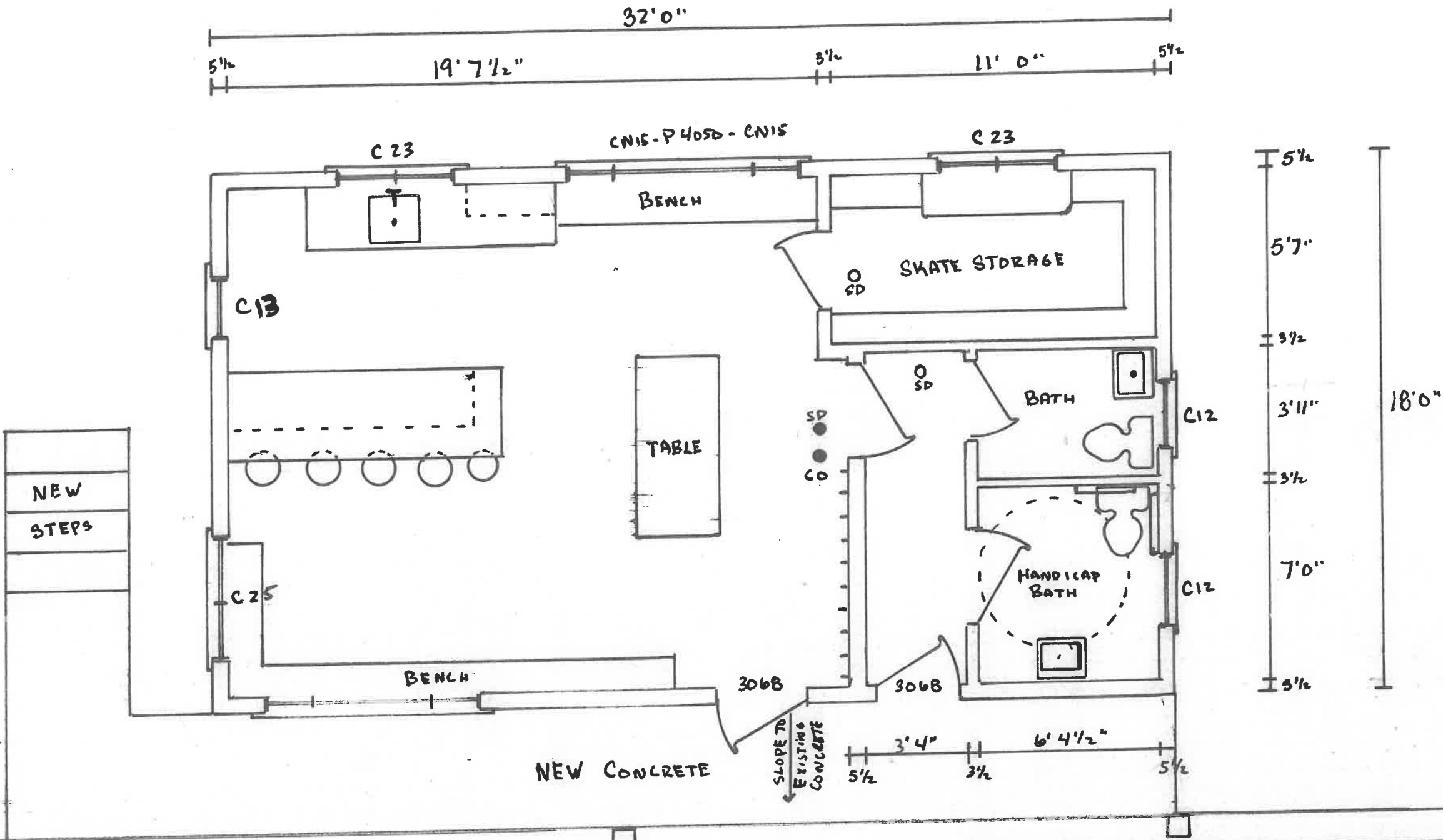
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REVISED

FOUNDATION PLAN

DRAWING NUMBER

HEADER SCHULE
3- 2X10 SPF TYP.



EXISTING CONCRETE

TOWN OF MINERVA WARMING HUT		
SCALE: 1/4" = 1'	APPROVED BY:	DRAWN BY
DATE: 11/23/22		REVISED
MAIN FLOOR PLAN		DRAWING NUMBER

8 12

TOWN OF MINERVA WARMING HUT

SCALE: 1/4" = 1'

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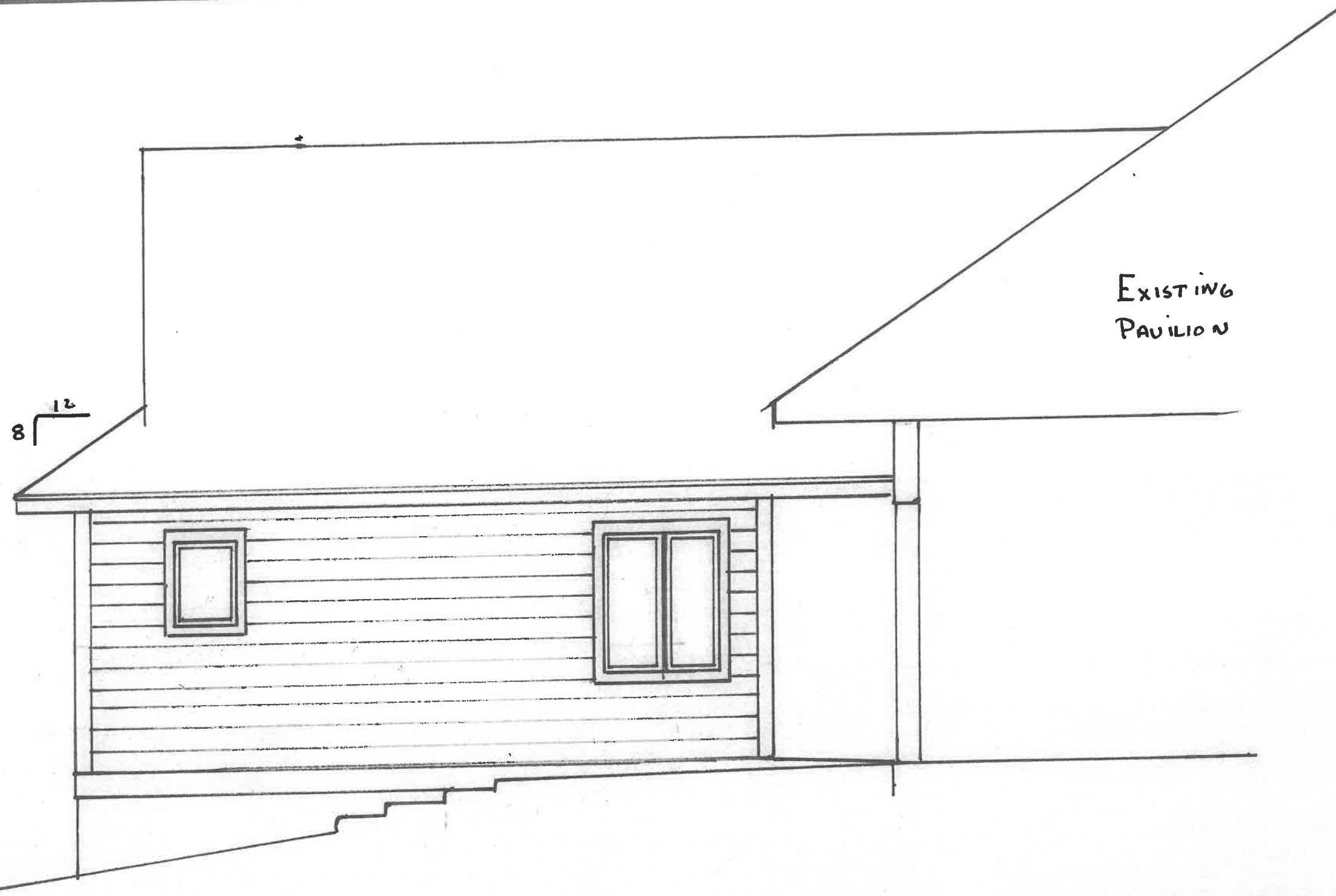
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REVISED

ELEVATION VIEWS

DRAWING NUMBER



TOWN OF MINERVA WARMING HUT

SCALE: 1/4" = 1'

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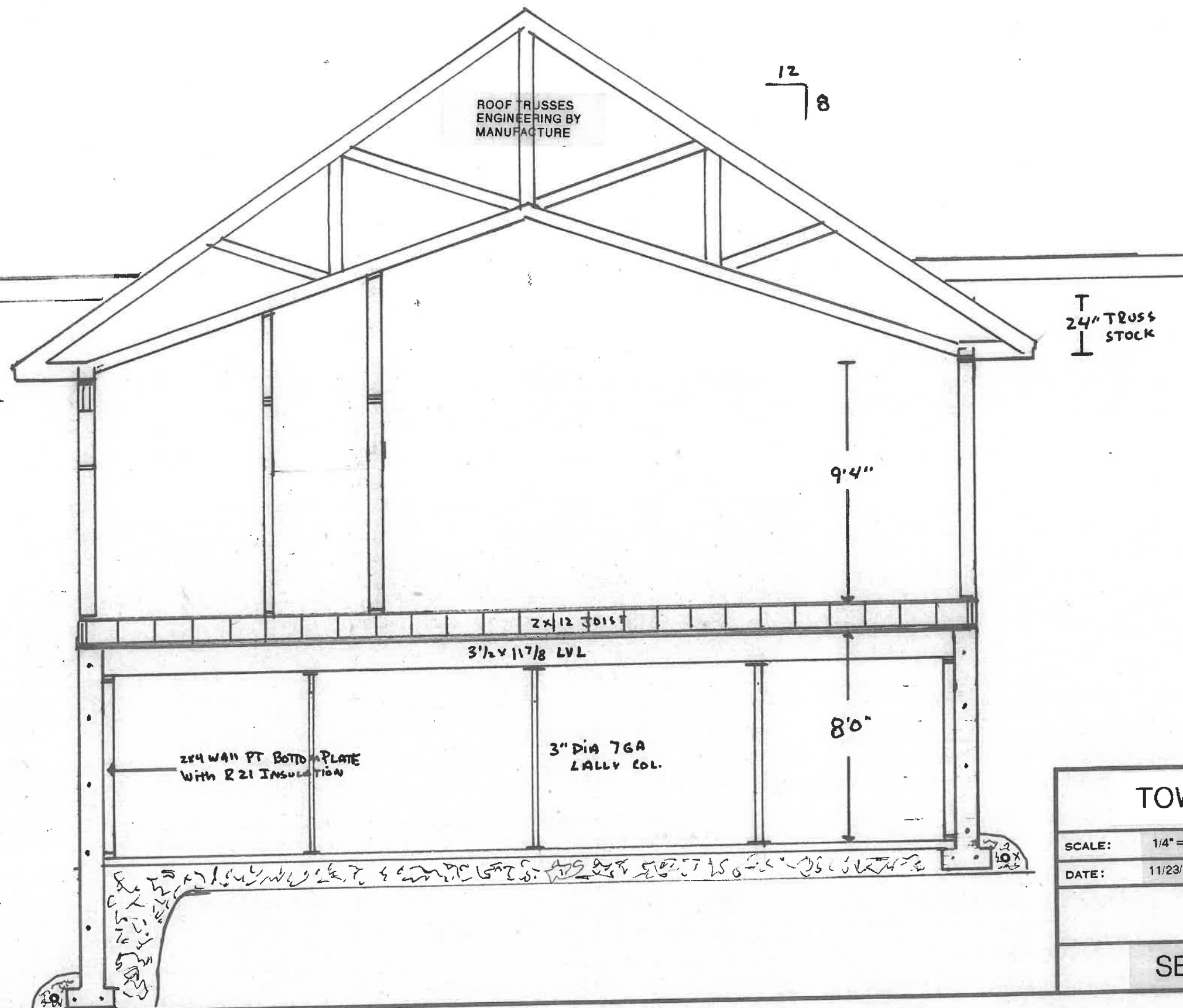
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ELEVATION VIEWS

DRAWING NUMBER



TOWN OF MINERVA WARMING HUT

SCALE: 1/4" = 1'

DATE: 11/23/22

APPROVED BY:

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DRAWING NUMBER

ROOF ASSEMBLY

ARCHITECTURAL ROOF SHINGLES
5/8 ZIP TG SHEATHING
ROOF TRUSSES (ENGINEERING
BY MANUFACTURE)
R49 FIBERGLASS INSULATION
CATHEDRAL VENT BATTIES
1X6 TG PINE

ROOF TRUSSES
ENGINEERING BY
MANUFACTURE

ROOF OVER FRAME ASSEMBLY

2X10 SPF RAFTERS
2X12 SPF RIDGE + PLATES
5/8 ZIP TG SHEATHING

EXTERIOR WALL ASSEMBLY

LOG SIDING
7/16 ZIP
2X6 STUDS SPF
SINGLE BOT PLATE
DOUBLE TOP PLATE
3-2X12 HEADER (TYP)
R21 FIBERGLASS INSULATION
1X6 TG PINE

FLOOR ASSEMBLY

2X12 SPF JOISTS
3/4" ADVANTECH T+G DECKING
GLUE DOWN VINYL FLOOR

3 1/2 x 11 7/8 LVL

3" DIA T6 ALLY
COL.

EXISTING PAVILION

TOWN OF MINERVA WARMING HUT

SCALE: 1/4" = 1'

APPROVED BY:

DRAWN BY

DATE: 11/23/22

REVISED

SECTION VIEWS

DRAWING NUMBER