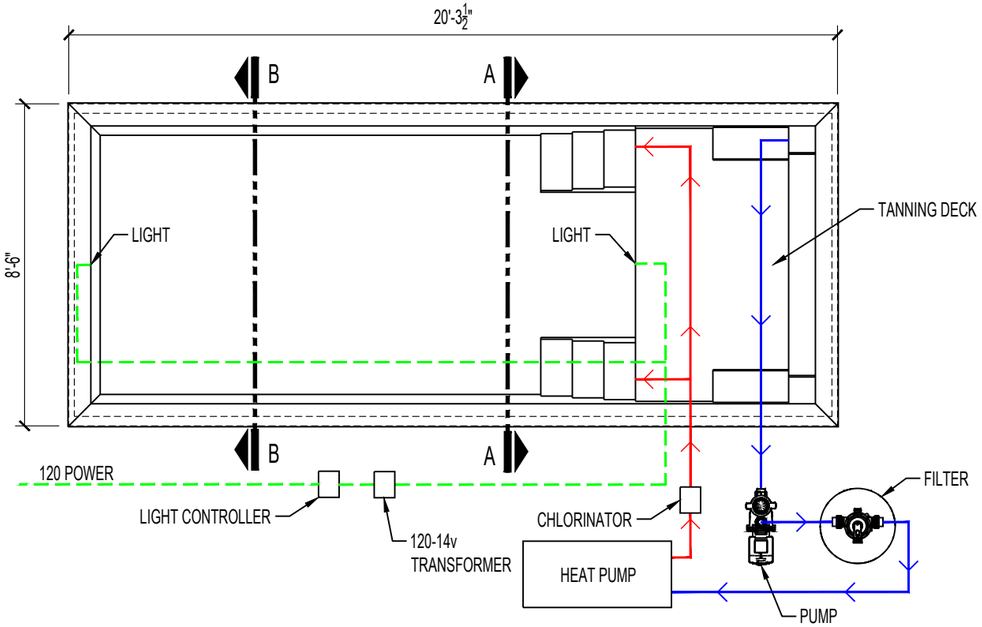
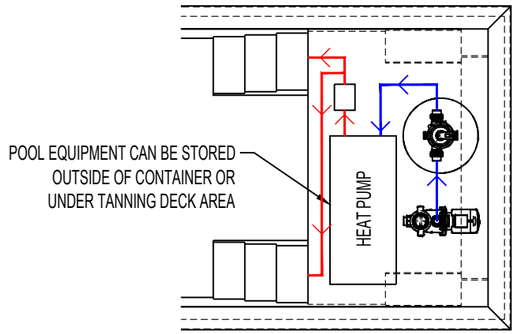


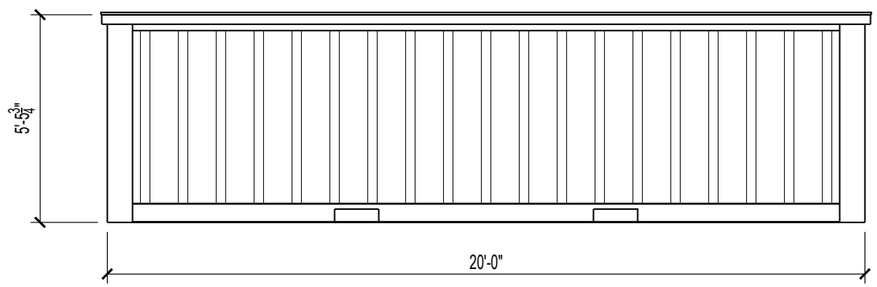
PLAN VIEW



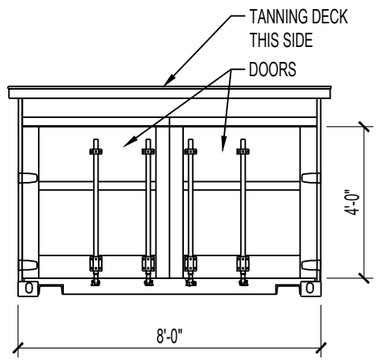
UNDER TANNING DECK OPTION

20 FOOT CONTAINER POOL SPECS

Water Volume: ~4,925 gallons
Water Weight: ~41,000 lbs
Estimated Empty Weight: ~6,150 lbs
Estimated Full Weight: ~47,150 lbs
Installation: Above Ground
Shell: Fiberglass-lined
Gel Coat: 30 mils
Laminate Thickness: 1/4" with internal reinforcing
Insulation: 3 lb Density Closed-Cell Spray Foam
Exterior: Powder Coated Corten Steel with Urethane Paint Finish
Plumbing, Electrical Equipment & Requirements
- Plumbing: 1.5" Schedule 40 PVC (pressure tested)
- Filter System: Pentair Sand Dollar 22" with 1.5 HP Pump (PNSD0060DO1160)
- Electrical: 115V or 230V, 60 Hz, draws ~16 amps @ 115V or ~8 amps @ 230V
- Heater: Arctic Inverter Pool Heat Pump (~1.3-1.6 kW)
- Electrical: 208-230V, 60 Hz, draws 6.8-10.5 amps (depending on ambient temp)
- Lighting: Pentair MicroBrite Color LED (~14W each)
- Electrical: 12V, requires compatible transformer
All electrical work must be performed by a licensed electrician in accordance with NEC and local codes.
Total Electrical Load Estimate: Up to ~3.0 kW



FRONT VIEW

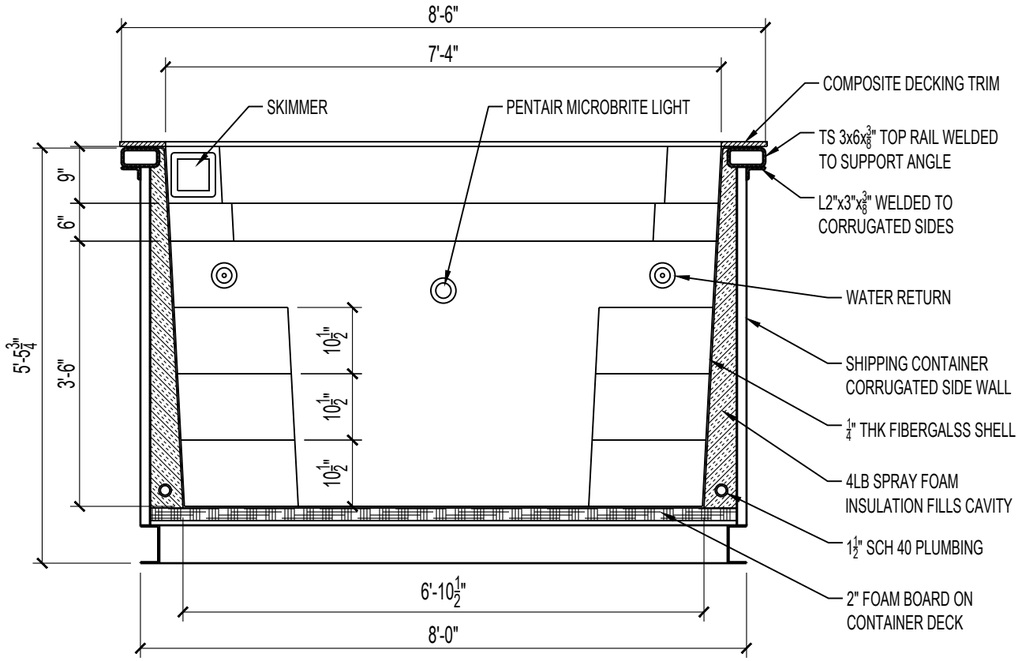


END VIEW

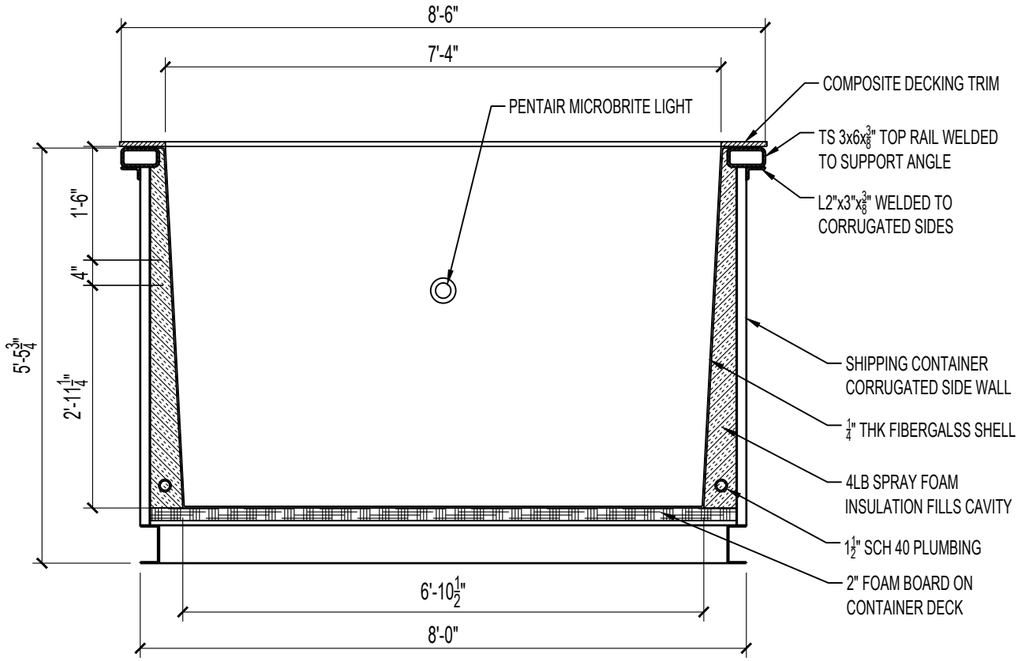
20 FOOT CONTAINER POOL

1/10/26

MIDWEST CONTAINER POOLS LLC



SEC A-A

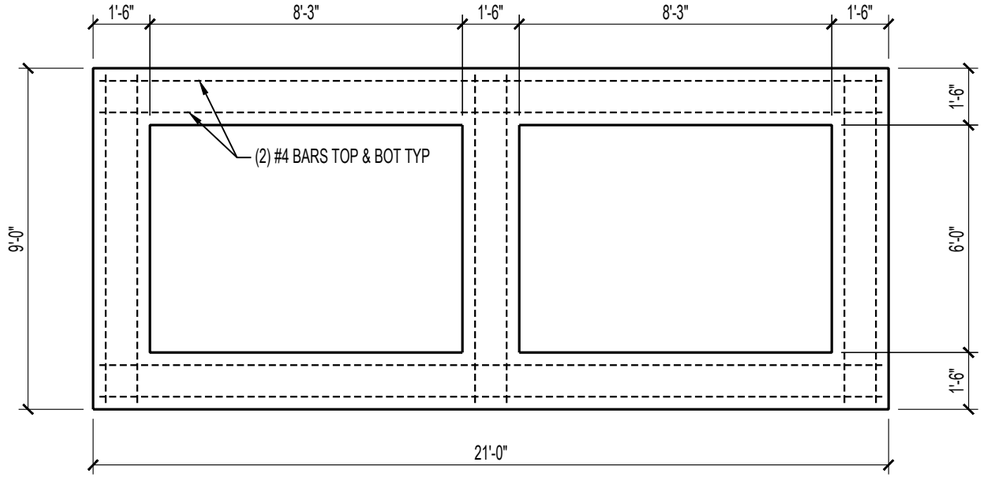


SEC B-B

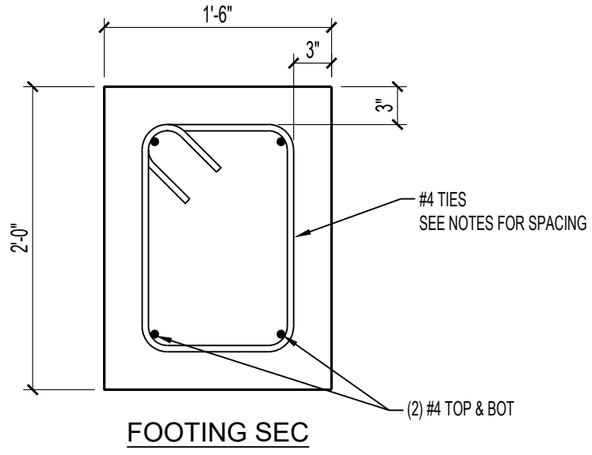
20 FOOT CONTAINER POOL

1/10/26

MIDWEST CONTAINER POOLS LLC



FOUNDATION PLAN



FOOTING SEC

Pool Size: 8' x 20' (Finished footprint ~9' x 21')
Total Load: ~45,000 lbs | Soil Type: Mixed Clay & Black Dirt

1. Footing Dimensions (All 5 Footings)
• Longitudinal Footings (2): 18" wide x 24" deep x 21' long
• Cross Footings (3): 18" wide x 24" deep x 9' long

2. Rebar Design
• Rebar Size: #4 (½" diameter) for all reinforcements
• Longitudinal Footings:
- 2 #4 bars at bottom, 2 #4 bars at top
- Stirrups: #4 at 24" O.C.
• Cross Footings:
- 2 #4 bars top & bottom, #4 stirrups at 18" O.C.
• Overlap: 24" lap splice at all intersections

3. Concrete Specifications
• Strength: 4,000 PSI @ 28 days
• Slump: 4"–5"
• Aggregate: ¾" max size | Air Entrainment: 5–7%
• Optional: fiber mesh for shrinkage control
• Vibrate during pour; cure for at least 7 days

20 FOOT CONTAINER POOL

1/6/26 3 OF 3

MIDWEST CONTAINER POOLS LLC