Framing & Clearance Measurement Sheet

Map your half-sunken hot tub deck with absolute structural precision.

Plan your backyard oasis perfectly with these essential baseline measurements. Verify your specific site conditions before you mark your first post hole.



Critical Clearances

At least 4 in thick
Hidden concrete pad (check spa weight)

24-inch square
Motor access hatch (covers equipment panel)

16-18 inches
Deck-to-rim height (adjust for entry)

1/4 inch
Drainage gap (allows wood expansion)

Every cut joist
Joist flashing tape (prevents moisture rot)

6 inches
Extra working room around acrylic shell

Every 6 feet
Perimeter post spacing along deck boundary

Cure the Hidden Slab

Cover the wet concrete slab with plastic sheeting and let it cure for at least seven days to prevent structural micro-cracks before adding weight.

Structural Framing Sequence

1. **Mark the footprint** Drive stakes and pull a masonry string line, measuring diagonally to ensure a square excavation zone.
2. **Set support posts** Dig holes below the frost line, add crushed gravel, and set posts plumb in fast-setting concrete.
3. **Frame the substructure** Install drop beams and hang pressure-treated joists on-center, stopping short of the spa for clearances.
4. **Position the tub** Have professionals slide the hot tub onto the cured pad before installing the final deck boards.

Choose Your Deck Aesthetic

Find your row: **Your design style**

Your design style	Your pick	Why
Modern minimalist	Dark composite boards	Sleek, maintenance-free contrast
Rustic cabin	Pine and natural stone	Cozy mountain-lodge atmosphere
Lush tropical	Warm teak decking	Private jungle escape
Urban rooftop	Dense ipe wood	Unmatched durability and views

Pre-Build Site Checks

- ○ Verify setback lines keep the tub five feet from property boundaries.
- ○ Locate all buried utilities before digging the independent foundation footprint.
- ○ Consult a professional for dedicated electrical circuit and wiring requirements.
- ○ Check spa manual for precise water load and foundation weight ratings.

Project Notes & Measurements

Enjoy every moment of relaxation in your stunning, custom-built backyard retreat!