



18' DOME - OWNER SUPPLIED LIST

ON 24" WALL

FOUNDATION

*Anchor stakes	2' x 1/2" rebar stakes or spikes (includes center stake)	20 ea	_____
3/4" Washed gravel	1/2 cu. yd. if site is within 2" of level	1/2 yd	_____
	Plus 1/2 cu. yd. for perimeter skirt	1/2 yd	_____

INSULATION

Wall insulation	4' x 8' x 2" Rigid foam insulation	3 ea	_____
Perimeter skirt (Optional)	4' x 8' x 2" Rigid foam insulation	2 ea	_____
Total if both installed		5 ea	_____

(Partial leftover sheet from wall insulation would be used on perimeter skirt)

UNDERSOIL HEATING/COOLING SYSTEM

Duct	4" Black corrugated irrigation pipe (footer drain-can be perforated or non-perforated) (footer drain-can be perforated with sock or non-perforated)	100 ft	_____
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OVAL WATER TANK

Galvanized 22 gauge sheet metal	4' x 10'	2 ea	_____
(Use pre-primed metal or pre-painted black or other dark color if available for front piece) (If not pre-primed or pre-painted, you need 1 qt muriatic acid) (1/4" metal drill bit required for galvanized sheet metal)			
Lumber for tank bracing			
"T" Top brace	2" x 4" x 10' - Redwood, cedar, or other moisture resistant lumber	2 ea	_____
Bottom brace	2" x 6" x 10' - Pressure treated	1 ea	_____
Lumber for tank blocks (behind tank)	4" x 4" x 24" - Pressure treated or equiv.	2 ea	_____
	6" x 6" x 24" - Pressure treated or equiv.	4 ea	_____
	2" x 6" x 24" - Pressure treated or equiv.	2 ea	_____
** If "6 x 6 x 24" is not available "4 x 6 x 24" or "4 x 4 x 24" works fine.			
Metal paint, roller, and thinner (if needed)	Black or other dark color	1 qt	_____
Duct tape		1 rl	_____
Play sand	50 lb. bags or 450 lbs. bulk	11 ea	_____

MISCELLANEOUS

T-50 1/2" staples		1 ea	_____
Isopropyl rubbing alcohol and clean cotton rags (to clean Glazing prior to taping)		1 ea	_____
Ladders:	6' step-ladder	2 ea	_____
	8' step-ladder	1 ea	_____
	8' extension ladder (unextended length)	1 ea	_____
	Ladder stabilizer with padded foot covers	1 ea	_____
Box of heavy duty trash bags		1 ea	_____

**Recommended to borrow or rent the ladders instead of purchasing. If crew is flown to the building site, ladders need to be on-site.

*Anchor stakes are used in laying out the dome. They are then used to anchor dome walls to the ground (2 per section).