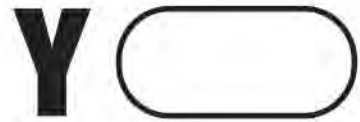


Above Ground Pool Installation Guide



1. INSTALLING YOUR ABOVEGROUND POOL



The pool must be installed only on level, firm (undug, non-filled) earth. We do not recommend backfilling or grading earth up against the pool wall or frame covering any part of them.

- Check local building codes for setback from house and property lines.
- Check regulations concerning fence height and position.
- Check above and below ground for existing gas, electric, telephone and water lines and any surrounding trees or bushes that might interfere with your pool location... remember tree roots and the leaves from trees can be a nuisance too near a pool.

ERECTING A POOL ON BLACKTOP, TAR PAPER, ASPHALT, CONCRETE, GRAVEL, OR ANY SOIL CONTAINING SHARP OBJECTS WILL INVALIDATE LINER WARRANTY.

- Sod should be removed to prevent irregular bottom and any unpleasant odor from decaying grass.
- Do not use any oil based weed killer on cleared ground as it could stain the liner. Use weed killer made specifically for swimming pool base applications.
- Material for bottom of pool should be fine and free of sharp objects.

RECOMMENDED MATERIALS:

- Fine (shell free) sand or vermiculite.

FOR HARD BOTTOM:

- 6 parts of either material can be mixed with 1 part cement; applied dampened 2" (5 cm) thick, smoothed and packed with a trowel - Cove 4" (10cm) up wall around pool.

If NUTGRASS is prevalent in your area (ie. Southern USA) use special chemicals which kill nutgrass in pool areas. Consult your local hardware or lawn care company.

NOTE: pH and Chlorine balance must be maintained at normal levels. Excessive pH change or chlorine load will result in liner fading, turning brittle and either fading or puckering - This is not covered under the manufacturer's warranty.

WINTERIZE your pool by reducing the amount of water in the pool to 1/2, adjust pH and chlorine to proper levels and cover. **NOTE:** Water must be left in the pool at ALL times. Removal of the water from the pool will result in liner shrinkage which is NOT covered by the manufacturer's warranty.

2. STEPS TO INSTALL YOUR OVAL POOL (following numbers on installation sheet)

- 6 Tools required.
- 7 - 12 Layout, ground preparation and ground levelling (in areas prone to nutgrass (Southern U.S.) sterilize soil with approved chemical).
- 13 Check and layout parts.
- 14 - 15 After pool area has been leveled, remove additional 3 1/4" material in trenches. Buttress and foot beam assemblies will be placed in these trenches. Make sure trenches are smooth and level. Top of framework must be level with pool area. Dig and level patio blocks into trenches.
- 16 - 18 Assemble splice bracket, foot beam spool sleeves (see close-up #16) and insert styrofoam plugs at both ends of each foot beam. Attach buttress post to splice bracket using 1/2" x 3" bolts, nuts and washers. Place buttress post assemblies on top of each patio block in trenches.
- 19 - 20 Slide curved bottom track (R104-31) into notch and track guide at bottom of buttress post (7005).
- 21 - 27 Screw toe beam into position between foot beams using 14 x 1" self-tapping hardware. Once each side is completed, make sure assembly is level in pre-dug trenches and join together with tension straps (note - the number of straps for each pool size). Make sure assemblies are square (top of assemblies must be level with ground).
- 28 - 35 Layout bottom connector and track on radius ends. Position bottom connector on the ground. Check the radius and adjust track if necessary. Place and level patio stones under the connectors already in position at radius ends. Check radius according to pool size.
- 36 Remove piece of track temporarily to access interior of pool.
- 37 - 44 Add floor sand and uncoil wall into track - securing with pegs and string (or have 5-6 people hold wall up). Once unwound, adjust tracks at connectors to make wall bolt holes line up. Secure wall with hardware using every hole and tighten securely with wrench (screw head on water side of wall). Tape over screw heads.
- 45 - 46 Position and attach posts and tape in place.
- 47 - 49 Pack soil around buttress assemblies and compact with tamper. Spread, smooth and compact sand floor at radius ends with a cove at the wall.
- 50 - 55 Unroll liner, spread out, gather up and put inside pool, overlapping the wall until floor is free of wrinkles. Snap inner combing (12020) over liner and wall to secure liner. Adjust fit and start to add water. Overlap on liner may be folded up under the ledge - do not cut.
- 56 - 59 Install top tracks and connectors in place.
- 60 - 63 Cover buttress post (j) with upright post (b). Install top ledges and caps.
- 64 - 67 Assemble skimmer/inlet, hoses and filter according to separate manufacturer's instructions.

NOTES:

- **POOL MUST BE BUILT ON SOLID, LEVEL AND NON-FILLED AREA**
- **ENSURE WALL JOINT IS BEHIND A POST WITH THE SKIMMER AND INLET POSITIONED WHERE YOU WANT THE FILTER**
- **DO NOT ASSEMBLE WALL ON A WINDY DAY**

3. ABOVEGROUND POOL PARTS LIST*

	(')	8' x 14'	8' x 19'	10' x 16'	10' x 21'	12' x 18'	12' x 24'	14' x 20'	14' x 25'	16' x 26'	16' x 32'	18' x 33'	18' x 38'	18' x 44'
COUNT YOUR PARTS BEFORE STARTING POOL.	(m)	4,15 x 2,40	5,90 x 2,40	4,75 x 3,00	6,40 x 3,00	5,60 x 3,70	7,30 x 3,70	6,00 x 4,30	7,70 x 4,30	8,00 x 4,90	9,80 x 4,90	10,00 x 5,50	11,58 x 5,50	13,40 x 5,50
(a) 10" (25,40 cm) Ledge 10RL1-10MR 30 7/8" (78,42 cm)		10	10	12	12	-	-	-	-	-	-	-	-	-
(a) 10" (25,40 cm) Ledge 10RL1-09MR 32 5/8" (82,87 cm)		4	8	4	8	4	8	4	8	8	12	12	16	20
(a) 10" (25,40 cm) Ledge 10RL1-04MR 49 9/32" (125,17 cm)		-	-	-	-	-	-	-	-	12	12	-	-	-
(a) 10" (25,40 cm) Ledge 10RL1-05MR 47 3/8" (120,33 cm)		-	-	-	-	10	10	-	-	-	-	-	-	-
(a) 10" (25,40 cm) Ledge 10RL1-02MR 52 5/8" (133,67 cm)		-	-	-	-	-	-	-	-	-	-	12	12	12
(a) 10" (25,40 cm) Ledge 10RL1-11MR 43 7/8" (111,44 cm)		-	-	-	-	-	-	12	12	-	-	-	-	-
(b) Upright Post 8" (20,32 cm) 8RU1MR52		14	18	16	20	14	18	16	20	20	24	24	28	32
(c) Top and Bottom Connector 8RTBC		22	26	26	30	22	26	26	30	30	34	34	38	42
(d) Round Cap (3 pieces) 10CAPMR		14	18	16	20	14	18	16	20	20	24	24	28	32
(e) Cap Extension (3 pieces) 10CRMR		14	18	16	20	14	18	16	20	20	24	24	28	32
(n) Logo insert 10LIMR-C		14	18	16	20	14	18	16	20	20	24	24	28	32
(f) Foot Beam #9013GV		6	10	6	10	6	10	6	10	10	14	14	18	22
(g) Splice Bracket #9014GV		12	20	12	20	12	20	12	20	20	28	28	36	42
(h) Top and Bottom Track R104-00		20	20	24	24	20	20	24	24	24	24	24	24	24
(i) Oval Track 32" (81,28 cm) R104-31		8	16	8	16	8	16	8	16	16	24	24	28	32
(j) Buttress Post #7005-48/52		6	10	6	10	6	10	6	10	10	14	14	18	22
(k) Foot Collar 10FCRMR		14	18	16	20	14	18	16	20	20	24	24	28	32
(m) Toe Beam #9015GV		4	8	4	8	4	8	4	8	8	12	12	16	20
(p) Inner Combing 56" (142,24 cm) #12020		8	10	9	12	11	13	12	14	16	18	19	21	23
(q) Self Tapping Screw #14 x 1" (2,54 cm)		226	302	262	334	202	278	242	302	302	378	378	454	486
(r) 1/2" x 3" x #13 (12,70 mm x 7,62 cm) Bolt		24	40	24	40	24	40	24	40	40	56	56	72	88
(r) 1/2" (12,70 mm) Nut		24	40	24	40	24	40	24	40	40	56	56	72	88
(r) 1/2" (12,70 mm) Washer		48	80	48	80	48	80	48	80	80	112	112	144	176
(s) 1/4" #20 x 5/8" (6,35 mm x 15,88 mm) Screws		-	-	-	-	12	20	12	20	40	56	56	72	88
(s) 1/4" #20 x 5/8" (6,35 mm x 15,88 mm) Flange Nuts		-	-	-	-	12	20	12	20	40	56	56	72	88
(t) Tension Strap 14" W x 24 7/8" L (35,56 cm x 63,11 cm) #9001		3	5	-	-	-	-	-	-	-	-	-	-	-
(t) Tension Strap 8" W x 47 7/8" L (20,32 cm x 121,53 cm) #9002		-	-	3	5	-	-	-	-	-	-	-	-	-
(t) Tension Strap 4" W x 37 15/16" L (10,16 cm x 96,33 cm) #9003		-	-	-	-	6	10	-	-	-	-	-	-	-
(t) Tension Strap 4" W x 50 1/8" L (10,16 cm x 127,33 cm) #9006		-	-	-	-	-	-	6	10	-	-	-	-	-
(t) Tension Strap 3" W x 41 1/4" L (7,62 cm x 104,86 cm) #9004		-	-	-	-	-	-	-	-	15	21	-	-	-
(t) Tension Strap 3" W x 49 15/16" L (7,62 cm x 126,87 cm) #9005		-	-	-	-	-	-	-	-	-	21	27	33	-
(u) Liner		1	1	1	1	1	1	1	1	1	1	1	1	1
(v) Steel Wall includes joiner screws (s)		1	1	1	1	1	1	1	1	1	1	1	1	1
Installation Sheet		1	1	1	1	1	1	1	1	1	1	1	1	1
Safety Sticker		2	2	2	2	2	2	2	2	2	2	2	2	2
(x) Buttress Cover Clip MCL04R		6	10	6	10	6	10	6	10	10	14	14	18	22
(y) Foot Beam Styrofoam Plug #8516		12	20	12	20	12	20	12	20	20	28	28	36	42
(z) Spool Sleeve #8512		24	40	24	40	24	40	24	40	40	56	56	72	88
(h) Note: Top and Bottom Track R104-00 indicate proper radius by inserting code in place of -00.		-40	-40	-36	-36	-28	-28	-37	-37	-29	-29	-30	-30	-30

4. ACTUAL SIZE

SIZE	DIAMETER	WALL LENGTH	PATIO BLOCKS 8" X 16" X 2" (20 cm x 40 cm x 5 cm)	MASON SAND
8' x 14'(4,15 m x 2,40 m)	8' 1" x 13' 7"(4,14 m x 2,46 m)	36' 4 1/2"(11,09 m)	14	3/4cubic yard
8' x 19'(5,90 m x 2,40 m)	8' 1" x 19' 1"(5,82 m x 2,46 m)	47' 3 1/2"(14,42 m)	18	1cubic yard
10' x 16'(4,75 m x 3,00 m)	10' 0" x 15' 6"(4,72 m x 3,05 m)	42' 4 3/4"(12,92 m)	16	3/4cubic yards
10' x 21'(6,40 m x 3,00 m)	10' 0" x 21' 0"(6,40 m x 3,05 m)	53' 3 3/4"(16,25 m)	20	1 1/4cubic yards
12' x 18'(5,60 m x 3,70 m)	11' 11 1/2" x 18' 5 1/2"(5,63 m x 3,65 m)	50' 7"(15,42 m)	14	1cubic yard
12' x 24'(7,30 m x 3,70 m)	11' 11 1/2" x 23' 11 1/2"(7,30 m x 3,65 m)	61' 7"(18,77 m)	18	1 1/2cubic yards
14' x 20'(6,00 m x 4,30 m)	14' 1" x 19' 7"(5,97 m x 4,29 m)	55' 3"(16,84 m)	16	1 3/4cubic yard
14' x 25'(7,70 m x 4,30 m)	14' 1" x 25' 1"(7,65 m x 4,29 m)	66' 3"(20,19 m)	20	2cubic yards
16' x 26'(8,00 m x 4,90 m)	15' 11" x 26' 6"(8,08 m x 4,85 m)	71' 2 3/4"(21,71 m)	20	2 1/2cubic yards
16' x 32'(9,80 m x 4,90 m)	15' 11" x 32' 0"(9,75 m x 4,85 m)	82' 2 3/4"(25,06 m)	24	3cubic yards
18' x 33'(10,00 m x 5,50 m)	17' 10" x 32' 10"(10,01 m x 5,44 m)	86' 0"(26,21 m)	24	3 1/4cubic yards
18' x 38'(11,60 m x 5,50 m)	17' 10" x 38' 4"(11,61 m x 5,54 m)	96' 11"(29,56 m)	32	3 1/2cubic yards
18' x 44'(13,40 m x 5,50 m)	17' 10" x 43' 10"(11,58 m x 5,54 m)	107' 10"(32,91 m)	36	3 3/4cubic yards

5. SAFETY CONSIDERATIONS

NO DIVING, NO JUMPING, SHALLOW WATER

DIVING MAY CAUSE DEATH, PARALYSIS OR PERMANENT INJURY - Jumping or diving into a pool or any aboveground pool is strictly forbidden.

CHILDREN MUST BE SUPERVISED AT ALL TIMES.

Post "DO NOT JUMP OR DIVE" signs around the pool where they are visible to all pool users. DO NOT allow anyone into the pool unless they are fully aware of the "DO NOT JUMP OR DIVE" signs.

JUMPING OR DIVING into the pool MAY CAUSE PERMANENT INJURY, PARALYSIS OR DEATH.

NO DIVING - No diving equipment allowed. - No diving from deck level, top ledges or ladders. - No diving from garages, trees, porches, etcetera.

NO JUMPING from deck level, top ledges, ladders, garages, trees, porches, etcetera.

NO SLIDING - No sliding equipment allowed. DO NOT swim during thunder, electrical or wind storms. Closely supervise children at all times.

DO NOT allow running or horseplay around the pool. Never swim when alone, under the influence of drugs or alcohol, tired or ill.

Keep deck clean and clear of objects that may create a tripping hazard. DO NOT allow glass or sharp objects around the pool. DO NOT allow climbing, sitting, standing or walking on the top ledges of the pool. Parents should learn C.P.R. Keep all electrical radios, speakers, telephones and other electrical appliances away from the swimming pool (electric shock can kill). All electrical outlets must be a safe distance, 5 to 10 feet (2m - 3m), from the outside perimeter of the wall of the pool. Consult local electrical authority for local regulations (Bylaws). DO NOT use extension cords around the pool area and deck (electric shock can kill). Access to the swimming pool must be secured and locked when pool is not in use to prevent accidental drowning and unauthorized entry. It is the responsibility of the owner of a pool (or any aboveground pool) not the manufacturer, to ensure the safety of everyone using the pool. The owner is also responsible to provide warnings (verbal and signage) to all users of the pool advising NO DIVING OR JUMPING INTO AN ABOVEGROUND POOL.

ENFORCE ALL SAFETY RULES.

For winterizing instructions, please contact your pool dealer or the manufacturer.

The homeowner is responsible to install all safety labels.

SSE Labels (4) :

The safety labels shall be visible from any potential entry points of the pool. Also, make sure to install safety labels at all access points of your yard.

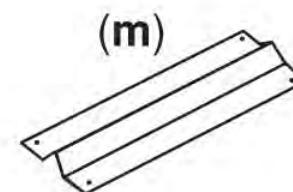
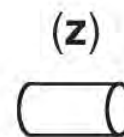
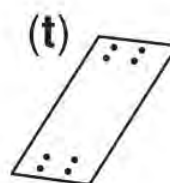
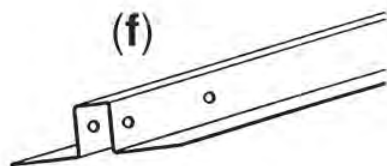
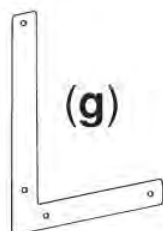
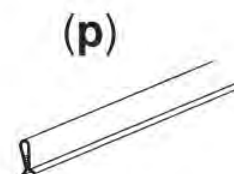
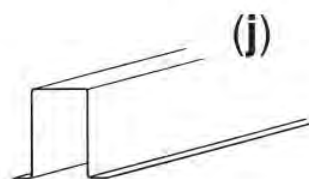
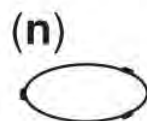
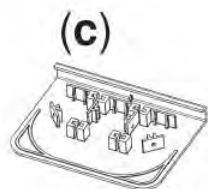
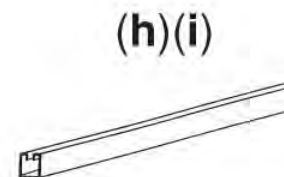
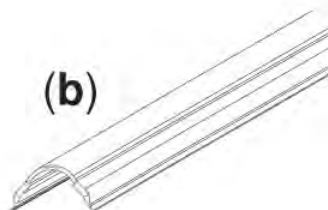
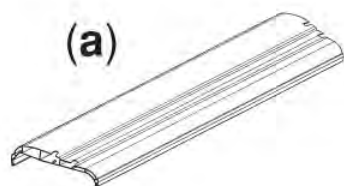
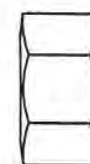
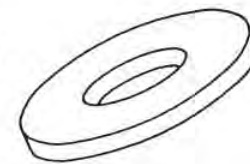
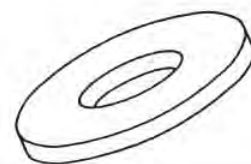
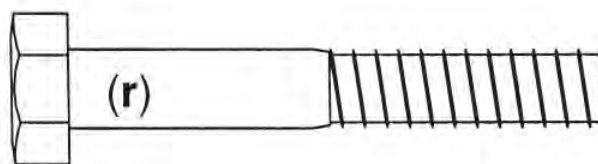
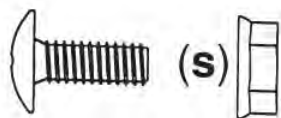
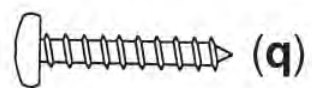


Important: if you require additional labels, please contact us at Corneliuspools.com

PAPHT Label (1) :

The safety label shall be placed at the entrance of the pool, visible and never covered.





6.



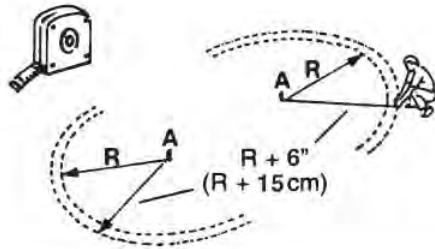
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		A	B	C	D	R		A	B	C	D	R
12'X18' & 12'X24'	1 1/2" (4cm)	5'-6"	6'-3 1/2"	8'-3"	10'-4 1/2"	4'-1 1/2"	4,20m x 2,40m (4,14m x 2,47m)	1,68m	1,92m	2,52m	3,16m	1,26m
		11'-0"	11'-9"	8'-3"	14'-4 1/4"	4'-1 1/2"	5,80m x 2,40m (5,82m x 2,47m)	3,36m	3,58m	2,52m	4,38m	1,26m
		5'-6"	6'-3 1/2"	10'-2"	11'-11 1/2"	5'-1"	4,80m x 3,05m (4,73m x 3,05m)	1,68m	1,92m	3,10m	3,65m	1,55m
		11'-0"	11'-9"	10'-2"	15'-6 3/8"	5'-1"	6,40m x 3,05m (6,41m x 3,05m)	3,36m	3,58m	3,10m	4,74m	1,55m
8'X14' & 8'X19' 10'X16' & 10'X21' 14'X20' & 14'X21'	4 3/4" (12cm)	6'-6 1/2"	6'-3 1/2"	12'-1 1/2"	13'-8"	6'-0 3/4"	5,60m x 3,70m (5,64m x 3,65m)	1,99m	1,92m	3,70m	4,17m	1,85m
		12'-0"	11'-9"	12'-1 1/2"	16'-10 5/8"	6'-0 3/4"	7,30m x 3,70 (7,31m x 3,65m)	3,66m	3,58m	3,70m	5,15m	1,85m
		5'-6"	6'-3 1/2"	14'-3"	15'-7"	7'-1 1/2"	6,10m x 4,30 (5,97m x 4,30m)	1,68m	1,92m	4,35m	4,75m	2,17m
		11'-0"	11'-9"	14'-3"	18'-5 1/2"	7'-1 1/2"	7,60m x 4,30 (7,65m x 4,30m)	3,36m	3,58m	4,35m	5,63m	2,17m
16'X26' & 16'X32'	6 3/4" (17cm)	10'-7 1/2"	11'-9"	16'-1"	19'-11"	8'-0 1/2"	8,00m x 4,90m (8,08m x 4,85m)	3,24m	3,58m	4,91m	6,07m	2,45m
		16'-1"	17'-2 1/2"	16'-1"	23'-6 3/4"	8'-0 1/2"	9,80m x 4,90m (9,76m x 4,85m)	4,91m	5,25m	4,91m	7,19m	2,45m
		15'-0"	17'-2 1/2"	18'-0"	24'-11"	9'-0"	10,00m x 5,50m (10,01m x 5,44m)	4,58m	5,25m	5,49m	7,60m	2,75m
		20'-6"	22'-8"	18'-0"	28'-11"	9'-0"	11,60m x 5,50m (11,70m x 5,50m)	6,25m	5,44m	6,91m	8,82m	2,75m
18'X33' 18'X38' 18'X44'	13 1/4" (34cm)	26'-0"	28'-1 1/2"	18'-0"	33'-3/4"	9'-0"	13,40m x 5,50m (13,37m x 5,50m)	7,93m	5,44m	8,58m	10,18m	2,75m

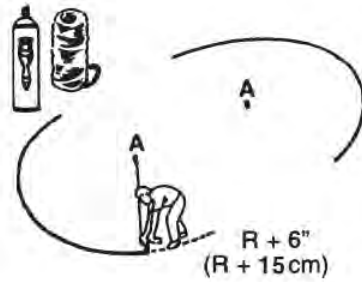
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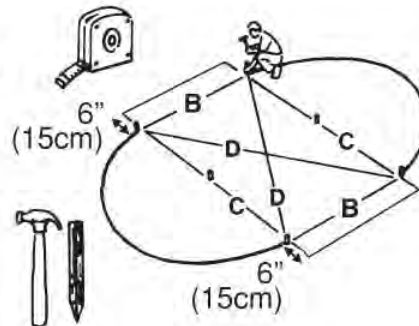
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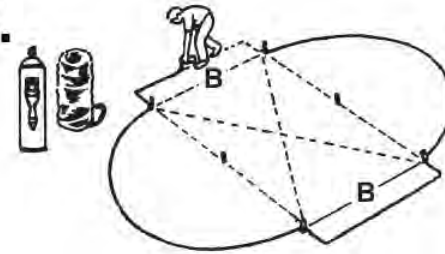
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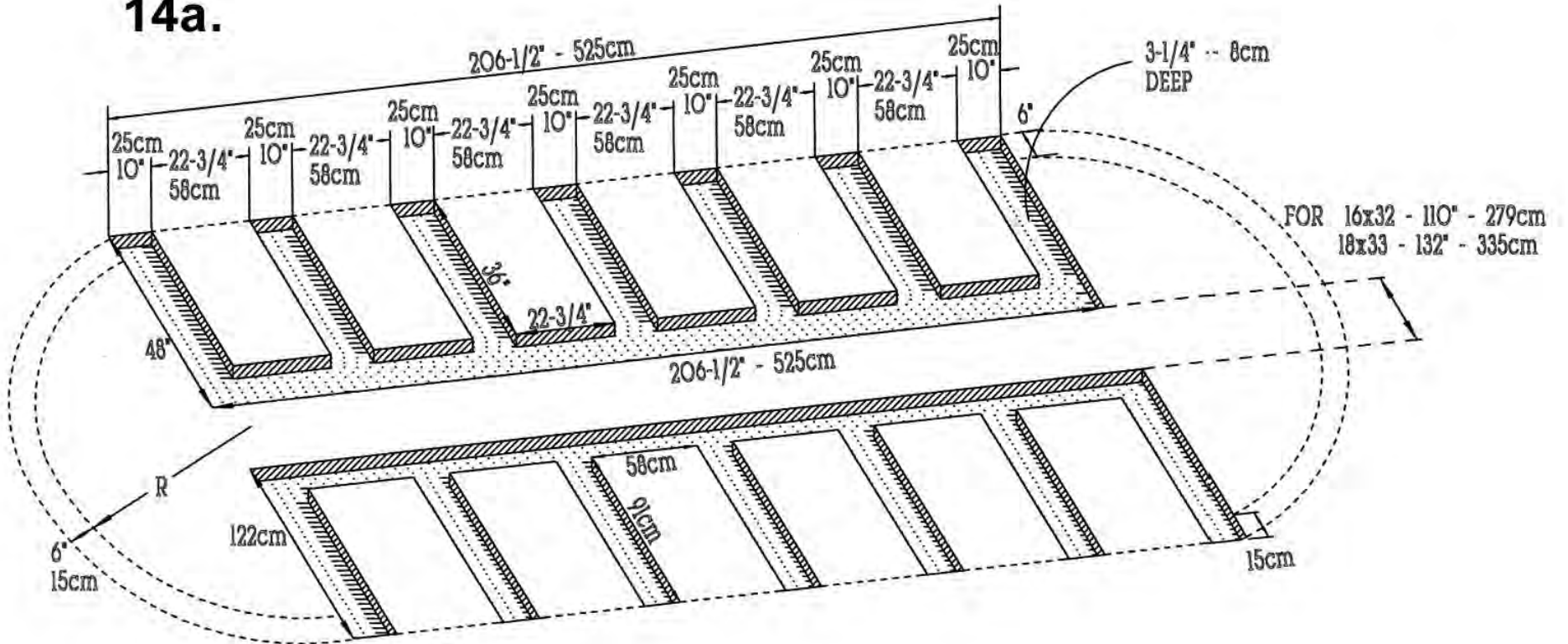
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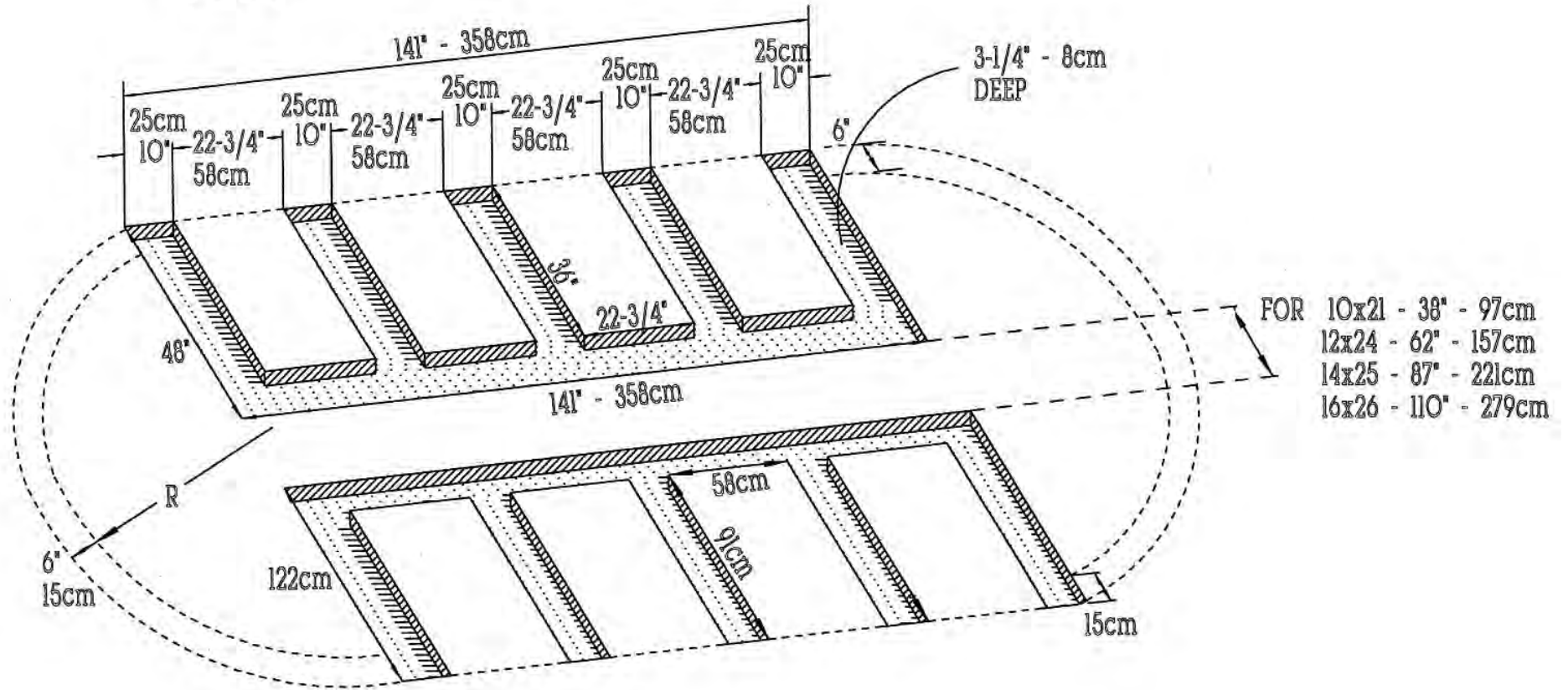
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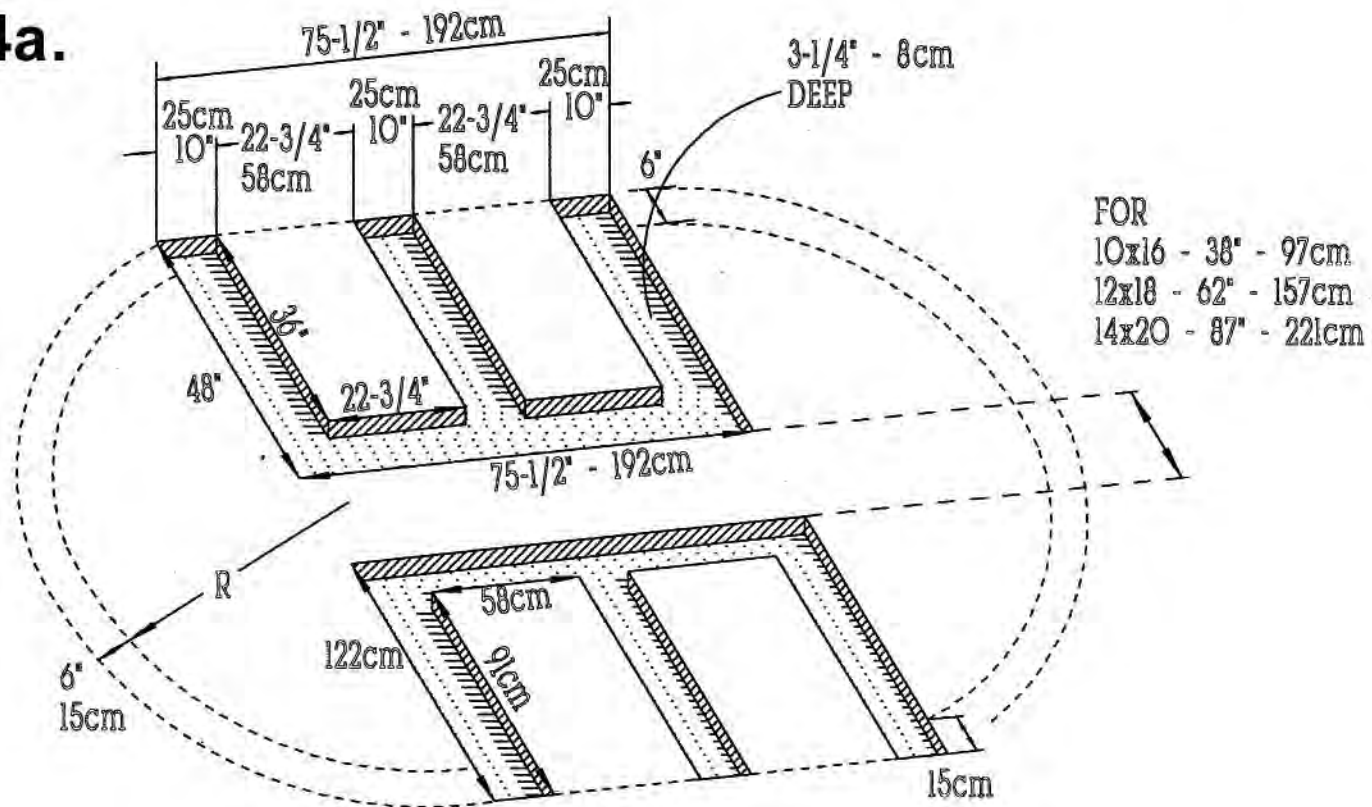
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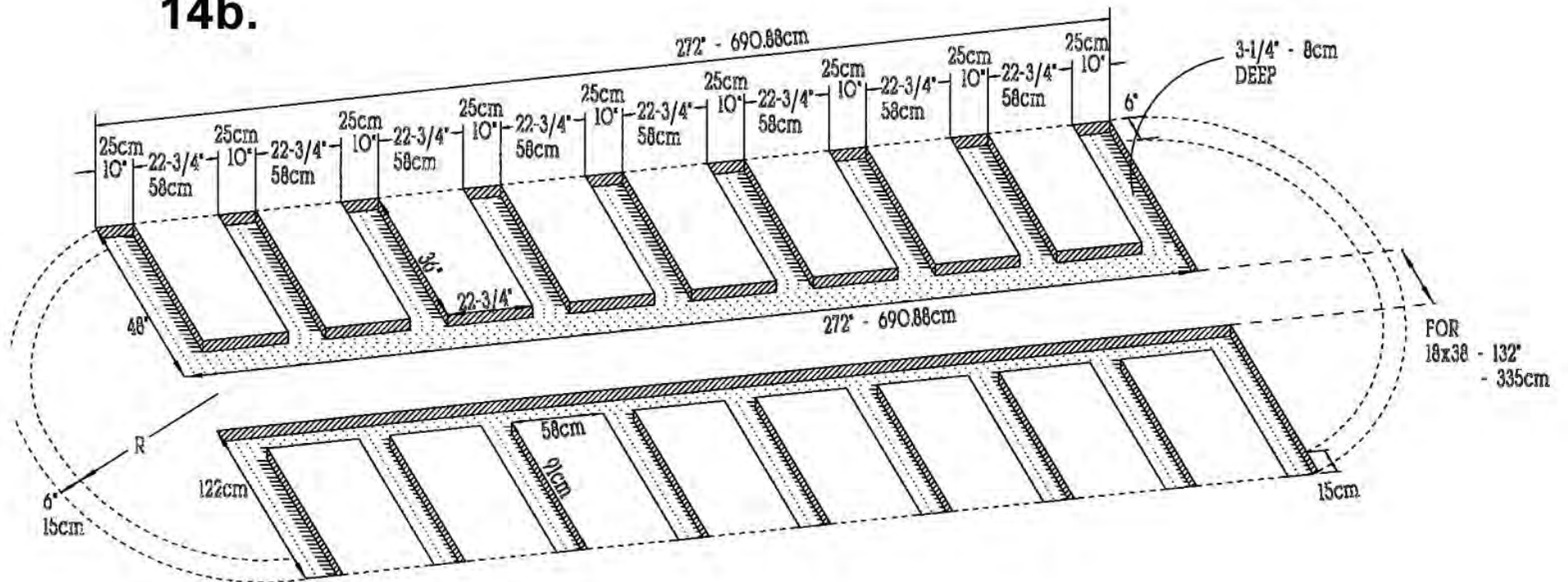
14a.



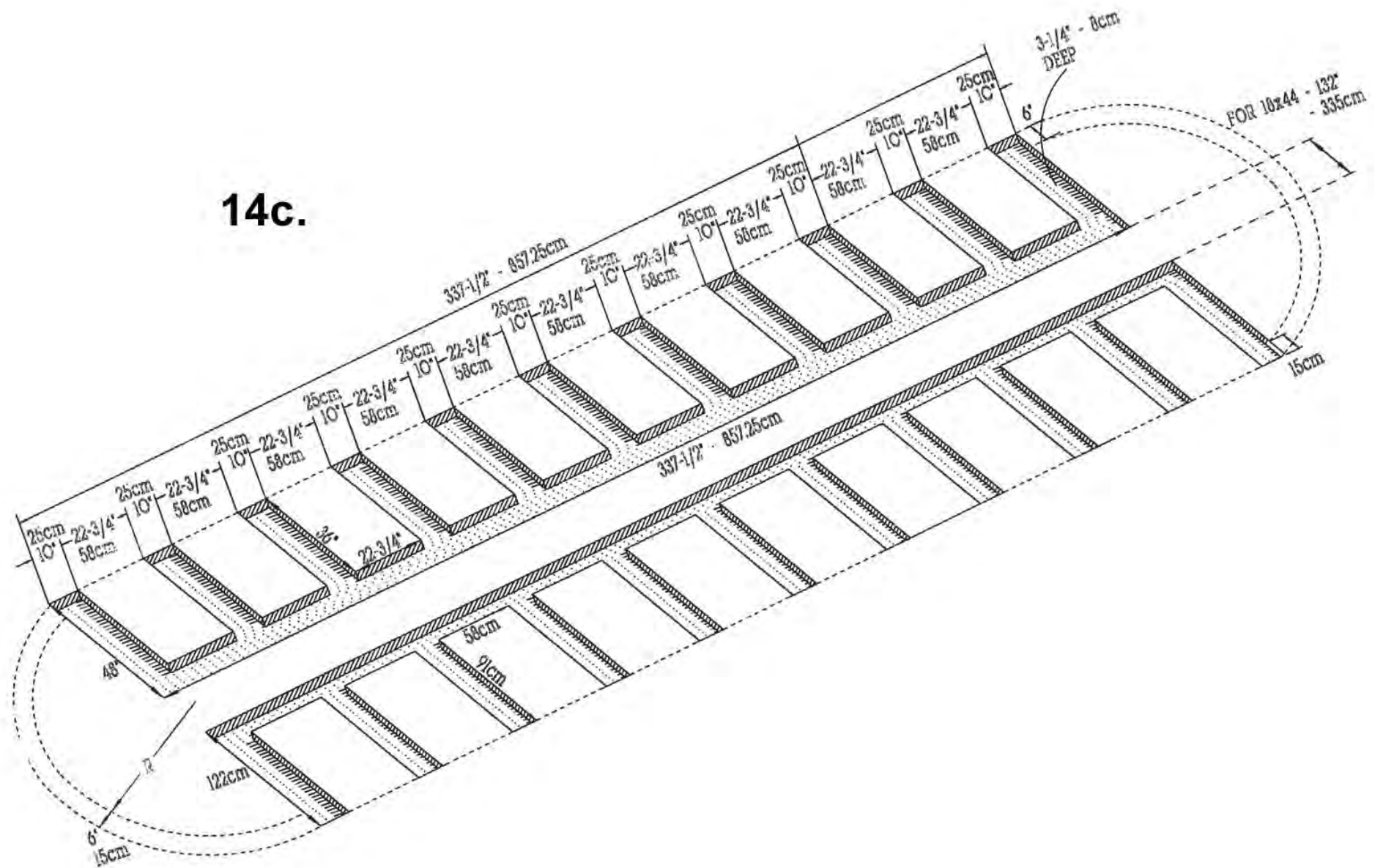
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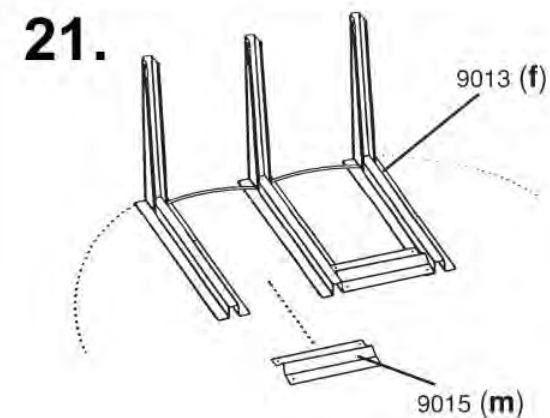
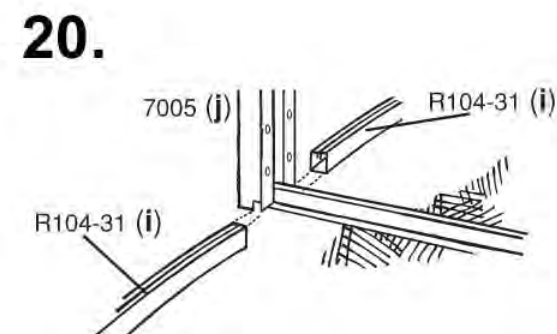
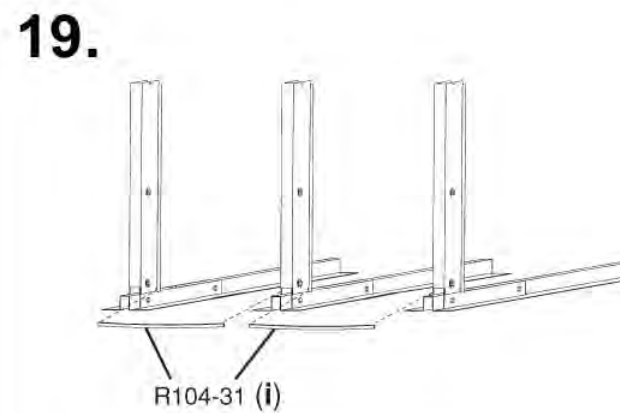
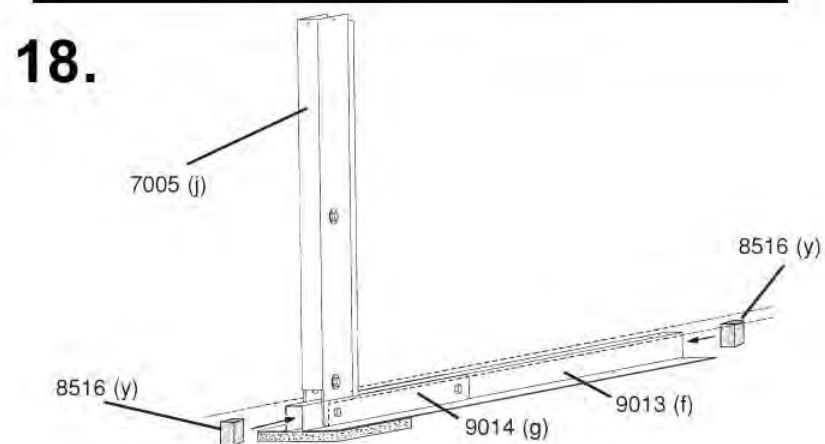
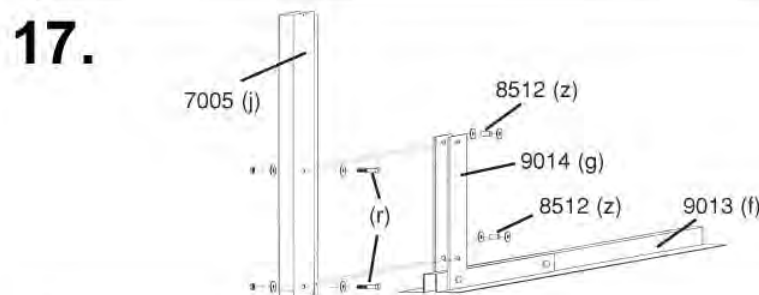
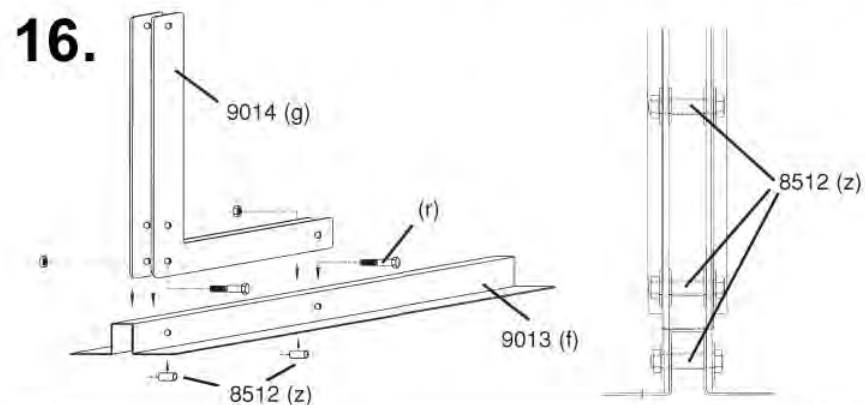
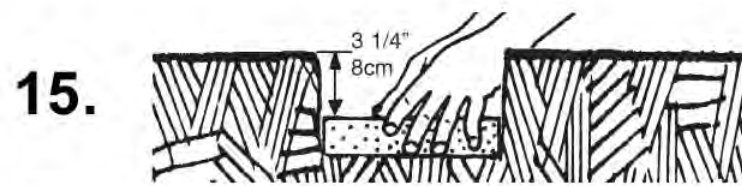


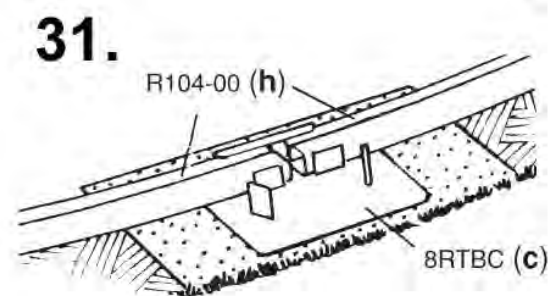
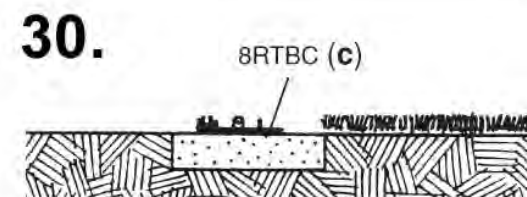
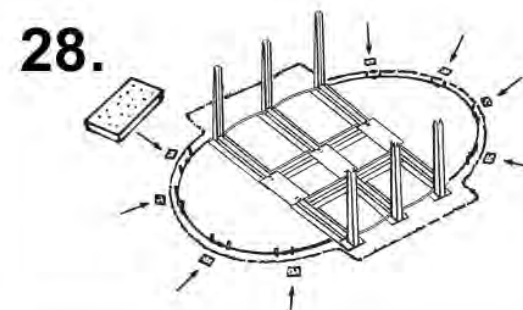
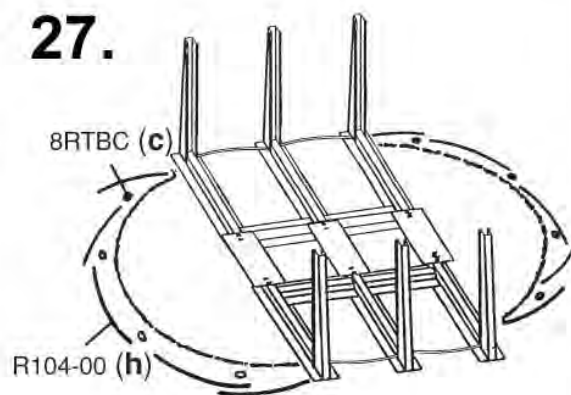
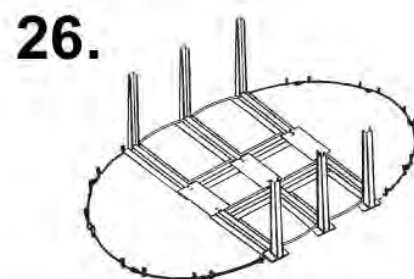
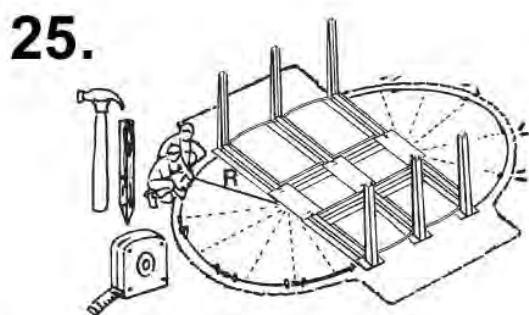
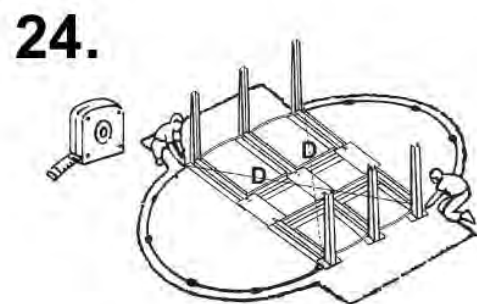
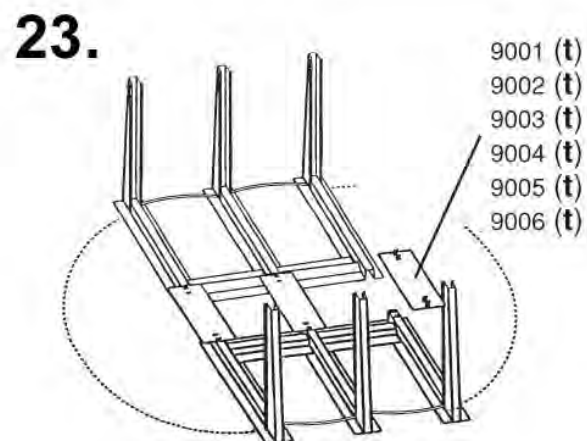
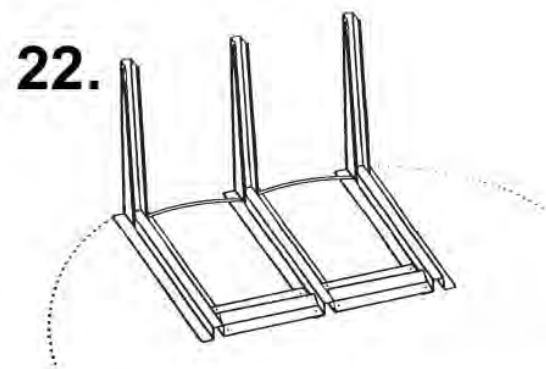
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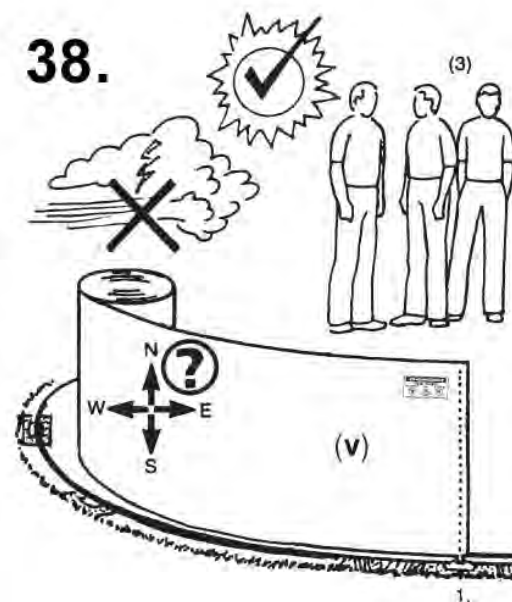
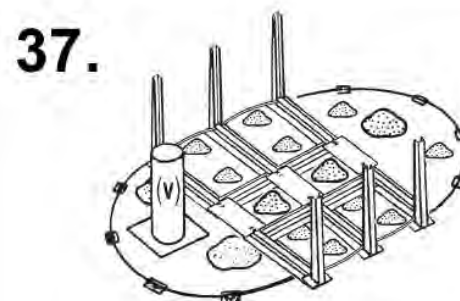
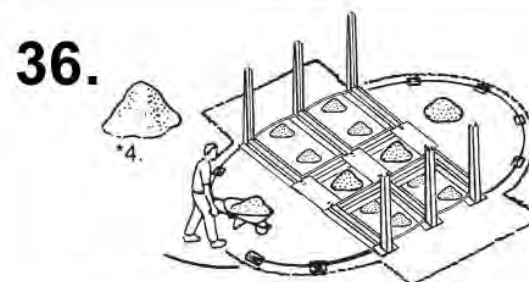
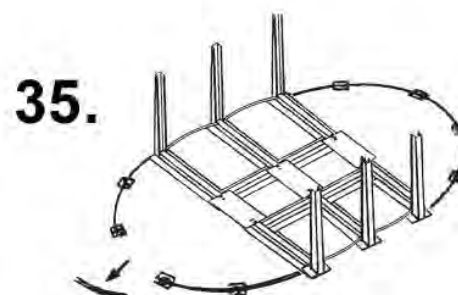
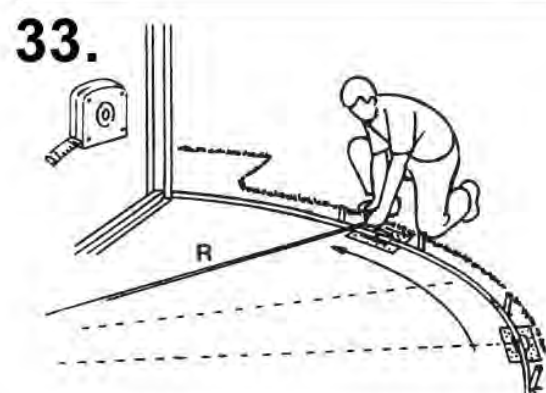
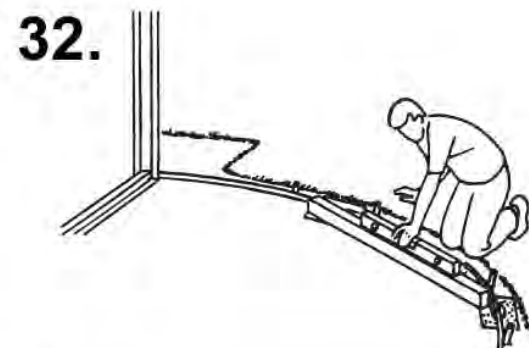


14c.

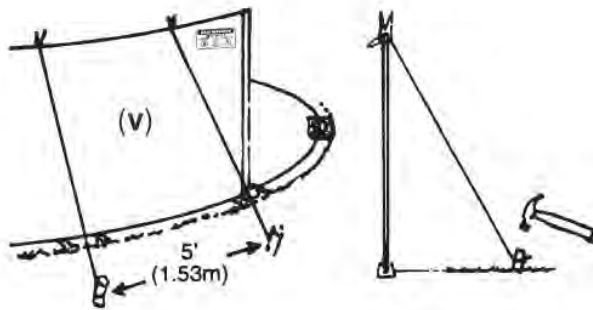
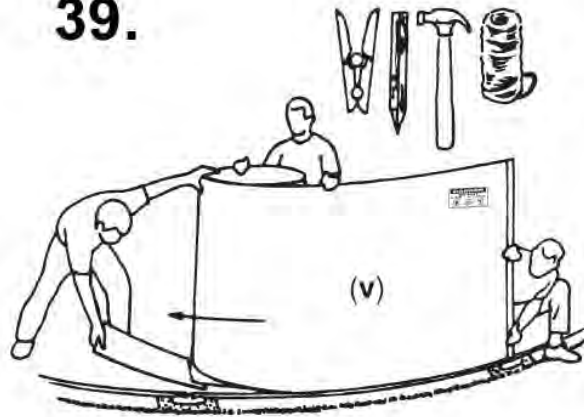




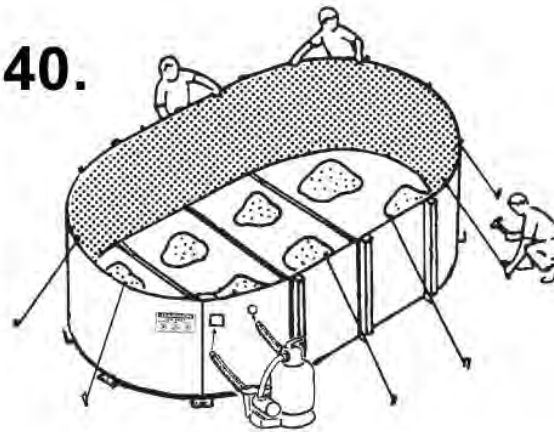




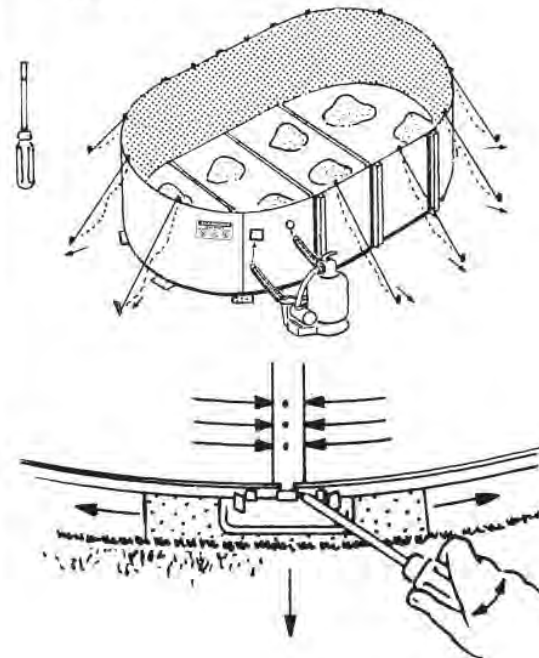
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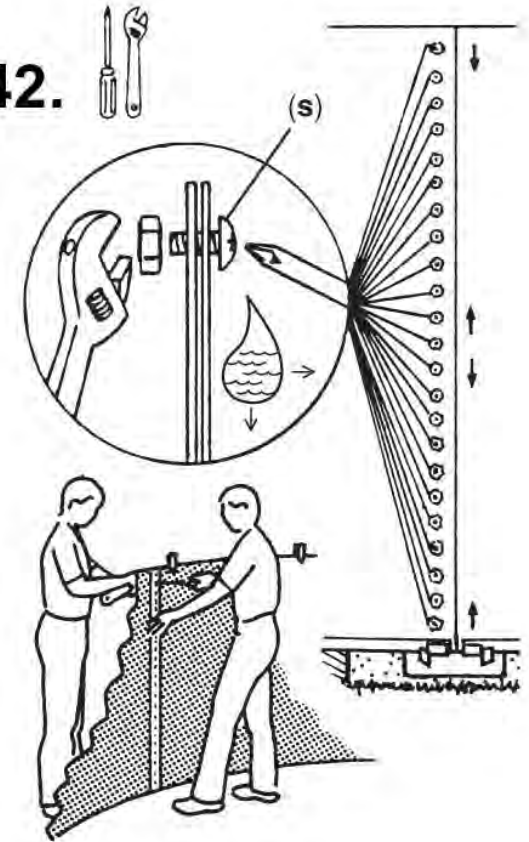
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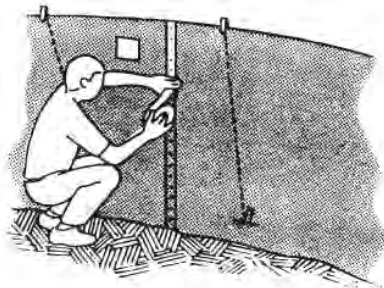
41.



42.



43.



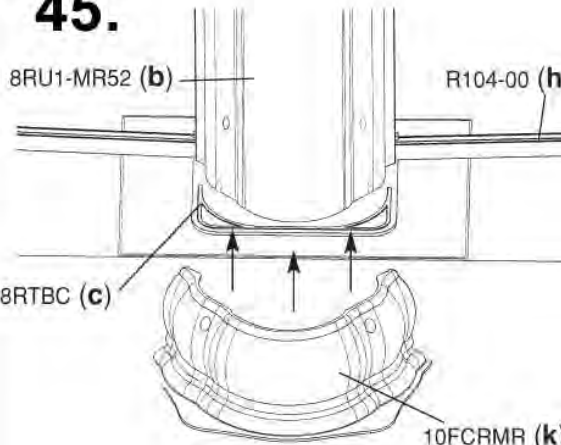
45.

8RU1-MR52 (b)

R104-00 (h)

8RTBC (c)

10FCRMR (k)



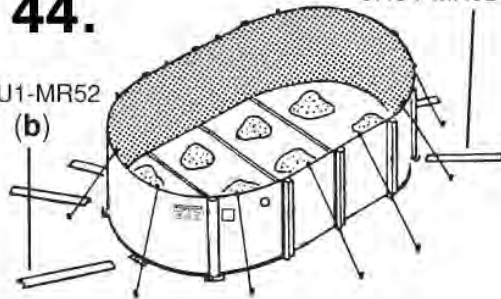
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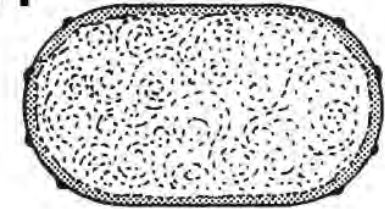
44.

8RU1-MR52 (b)

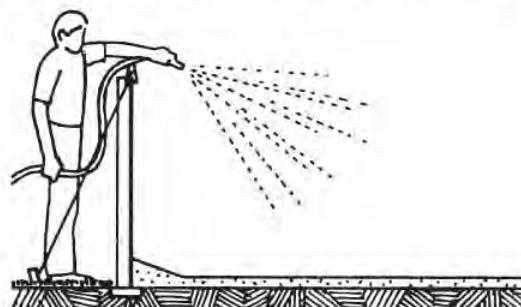
8RU1-MR52 (b)



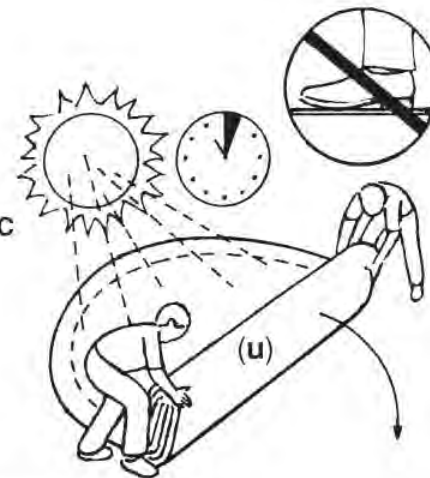
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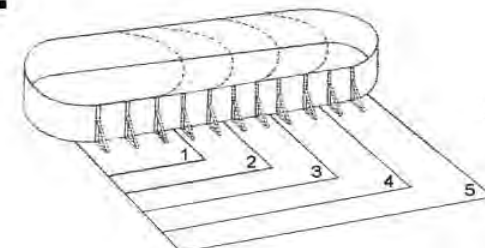
48.



49.

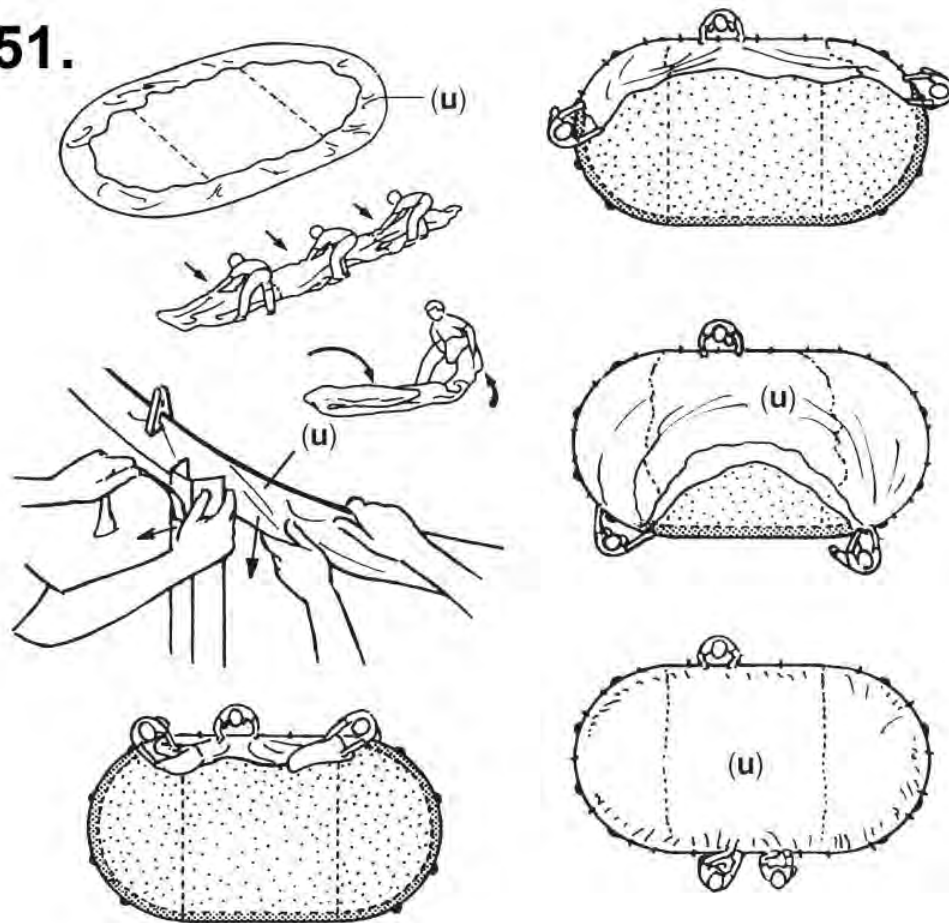


50.

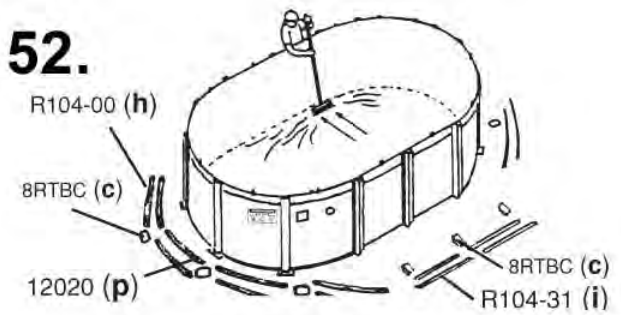


1	- 8' x 14'	(4,20 x 2,40)
	- 10' x 16'	(4,80 x 3,05)
	- 12' x 18'	(5,60 x 3,70)
	- 14' x 20'	(6,10 x 4,30)
2	- 8' x 19'	(5,80 x 2,40)
	- 10' x 21'	(6,40 x 3,05)
	- 12' x 24'	(7,30 x 3,70)
	- 14' x 25'	(7,60 x 4,30)
	- 16' x 26'	(8,00 x 4,90)
3	- 16' x 32'	(9,80 x 4,90)
	- 18' x 33'	(10,00 x 5,50)
4	- 18' x 38'	(11,60 x 5,50)
5	- 18' x 44'	(13,37 x 5,50)

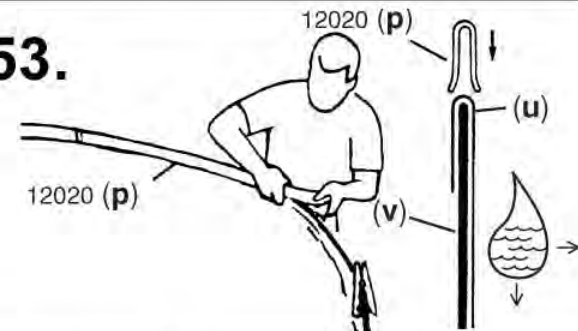
51.



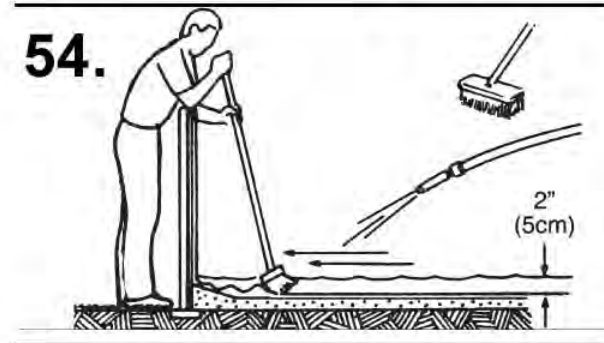
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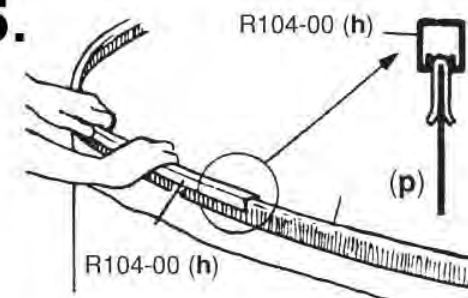
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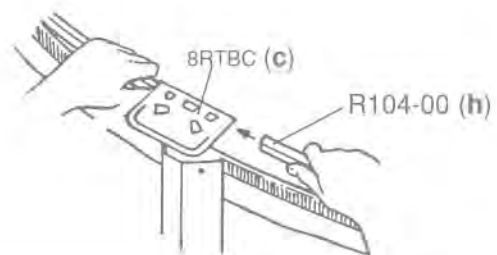
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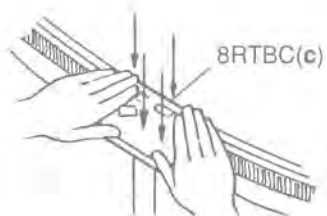
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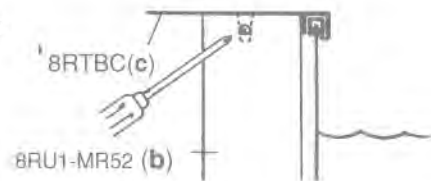
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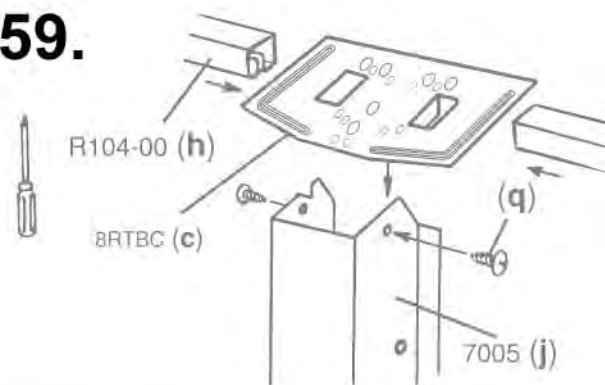
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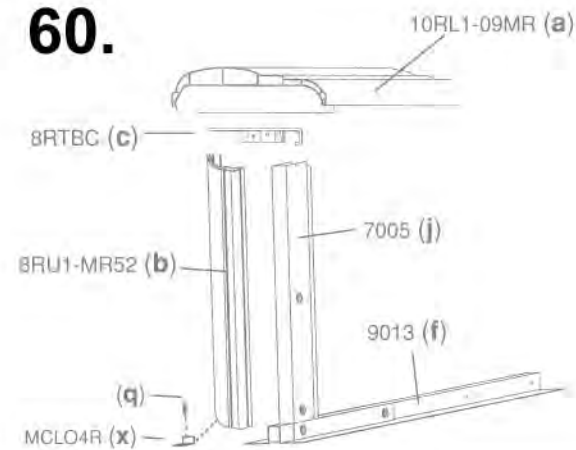
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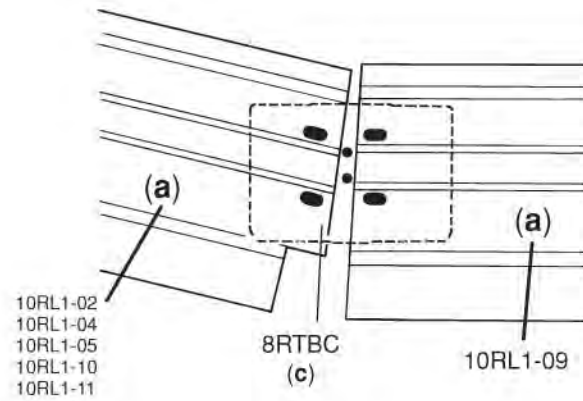
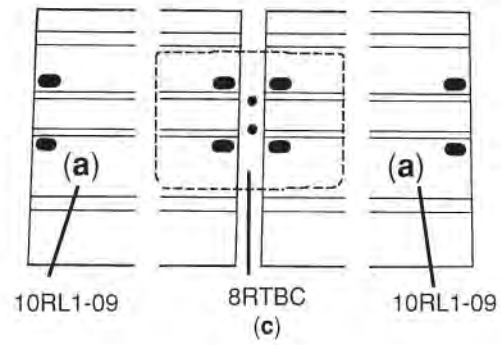
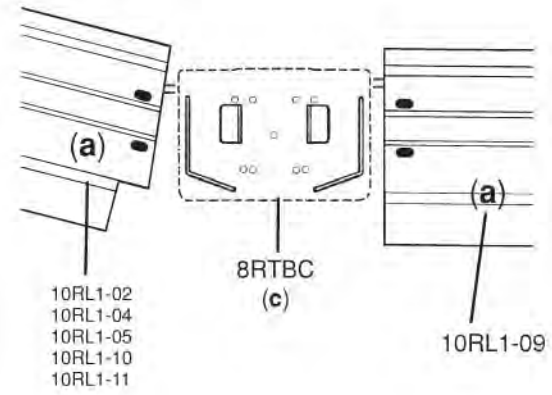
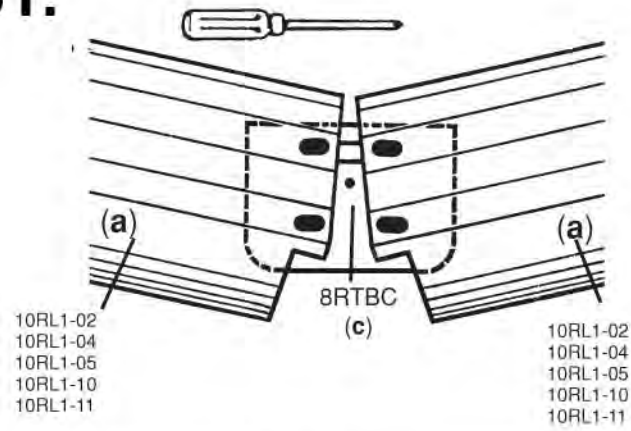
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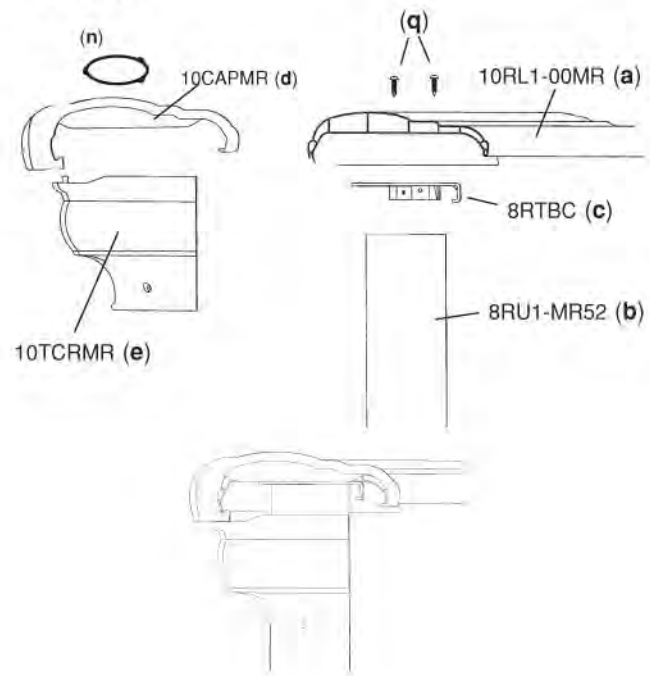
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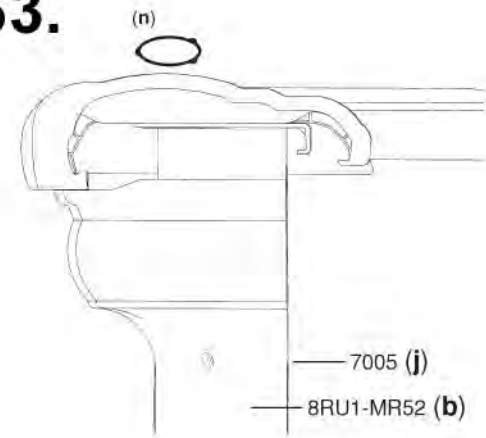
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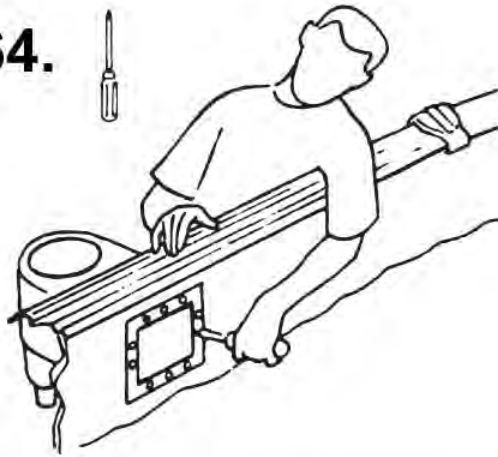
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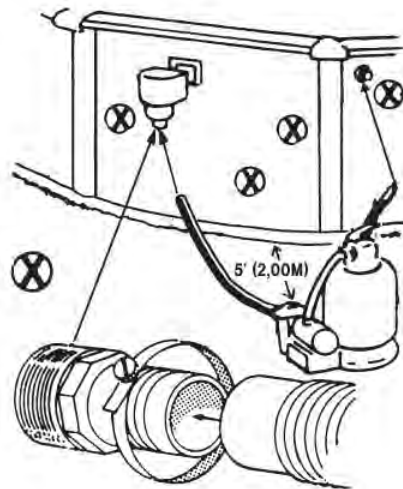
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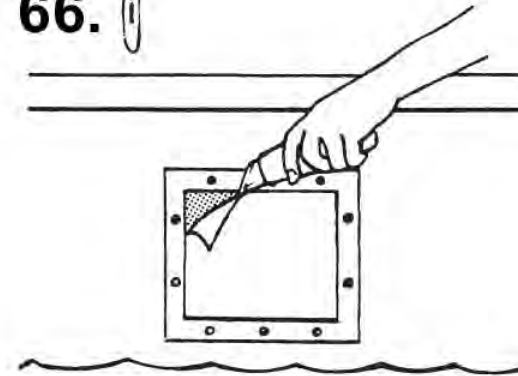
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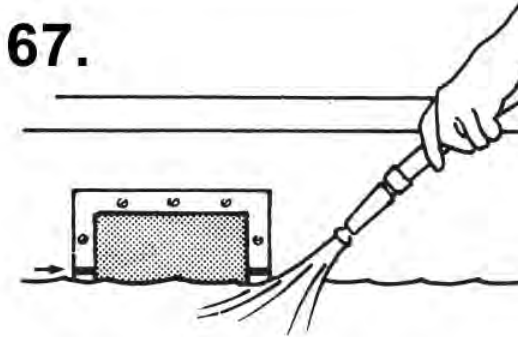
65.



66.



67.



****Note:** The filter/pump and skimmer shown are for illustration purposes only. Actual filtration system type may vary. Follow the manufacturer's instructions for filtration and skimmer hook-up.