

ENGINEERING NOTES

- 1) POOL CAN BE INSTALLED IN GROUND, PARTIALLY IN GROUND, OR ABOVE-GROUND WHEN POOL IS INSTALLED ABOVE GROUND, SURFACE ON WHICH THE POOL WILL STAND MUST BE ABSOLUTELY LEVEL AND SOLID
- 2) POOL CAN BE USED IN-GROUND UNDER THE FOLLOWING CONDITIONS

A) FILL POOL WITH WATER BEFORE BACKFILLING

B) BACK FILL MATERIAL TO BE POROUS OR GRANULAR (NO CLAY OR LARGE ROCKS)

C) POOL TO REMAIN PERMANENTLY FILLED

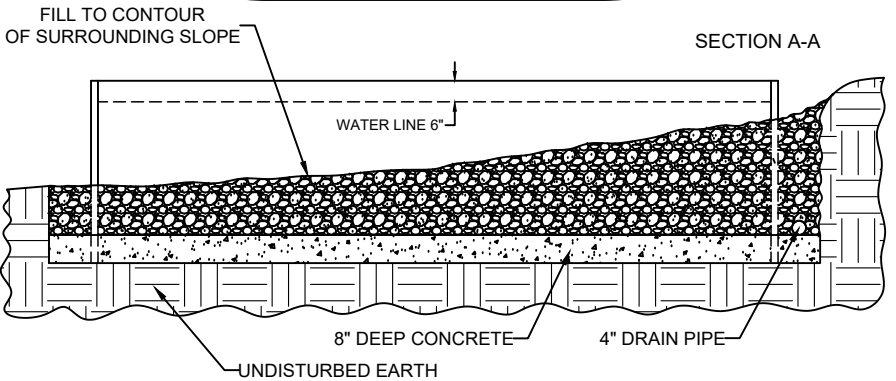
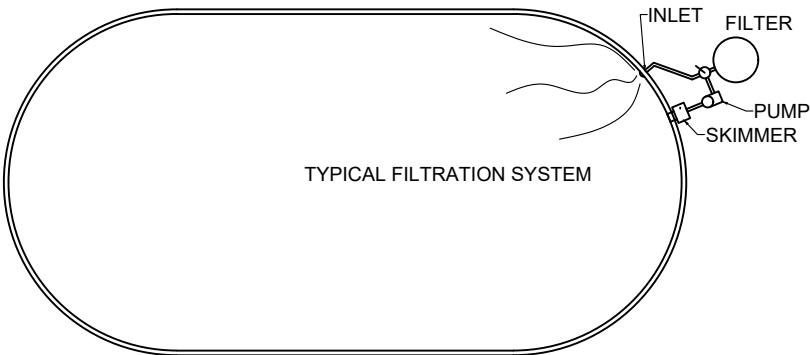
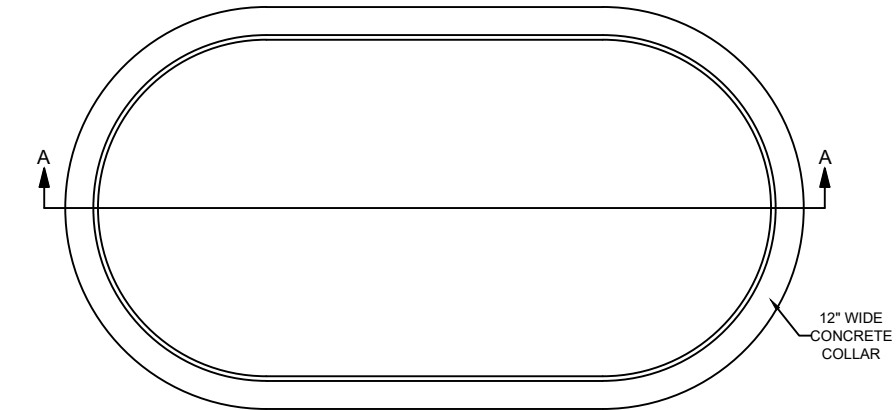
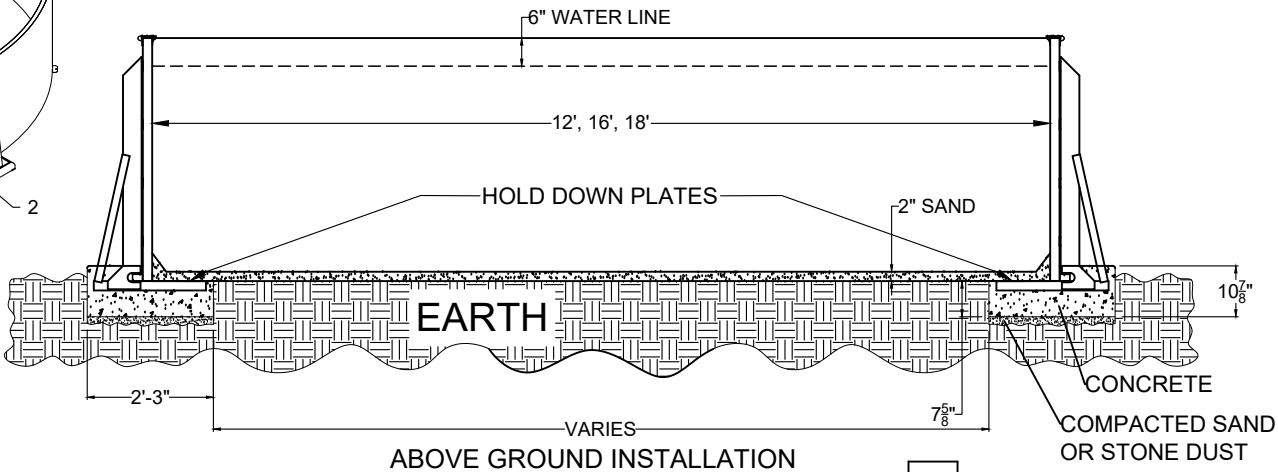
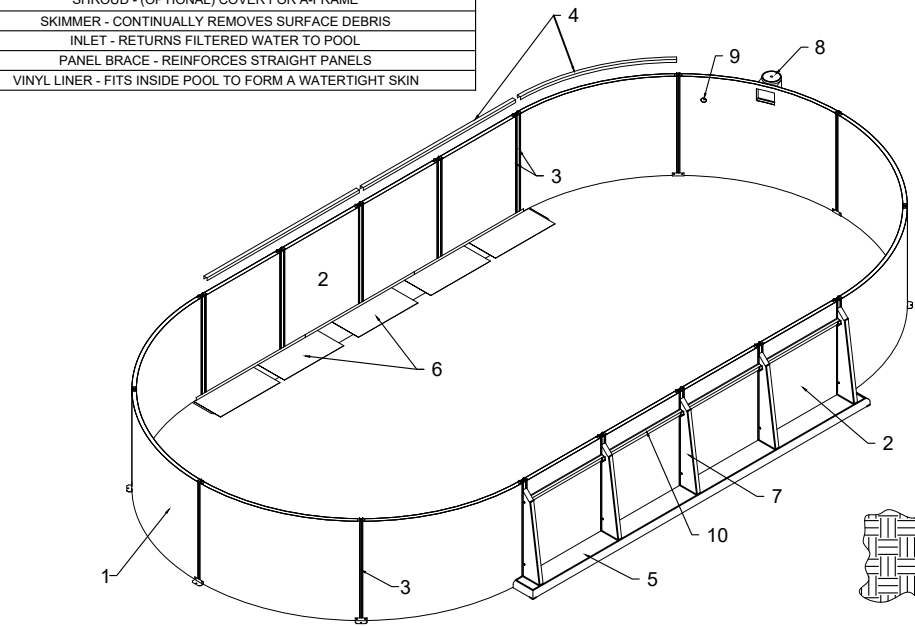
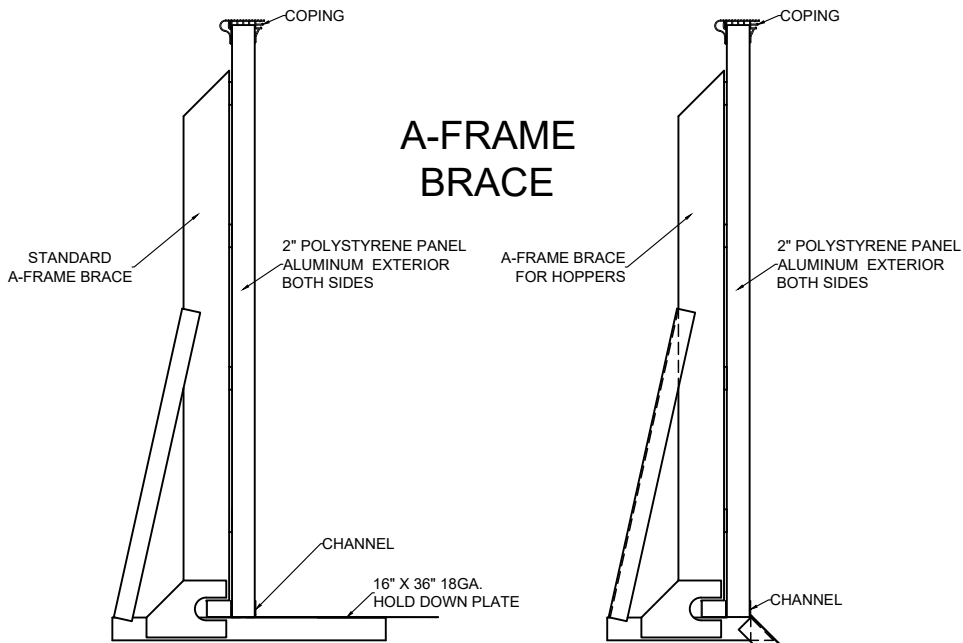
D) DRAINAGE MUST BE SUPPLIED USING DRAIN TILE OR CRUSHED STONE TO DRAIN WATER AWAY FROM POOL IF HIGH GROUND WATER OR SURFACE WATER IS ANTICIPATED, OR IF POOL IS INSTALLED AT THE BASE OF A HILL OR IN A CLAY CONDITION

E) SLOPE DECK SURFACE $\frac{1}{4}$ " PER FOOT AWAY FROM POOL

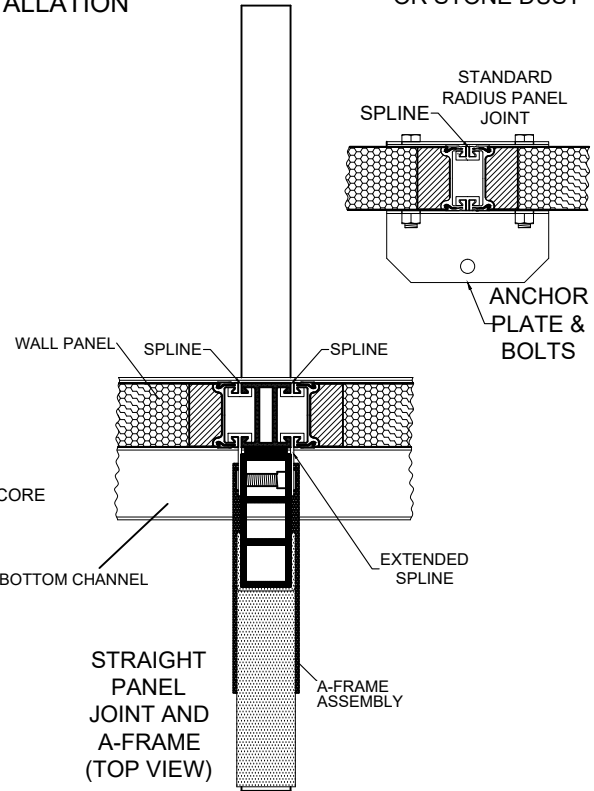
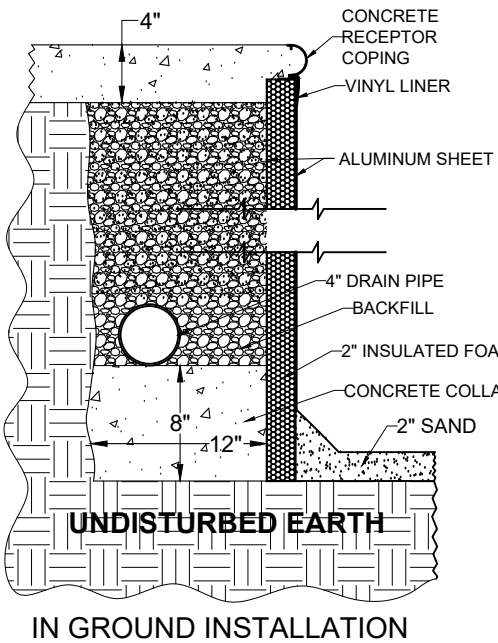
F) AN 8" CONTINUOUS CONCRETE BOND BEAM (COLLAR) MUST BE POURED AROUND THE ENTIRE PERIMETER.
- 3) WHEN PANELS ARE JOINED USING SPLINES, THE ASSEMBLY IS ELECTRICALLY BONDED. WHEN THE POOL IS FULLY ASSEMBLED THE ELECTRICAL CONTINUITY MEETS THE REQUIREMENTS OF THE US NATIONAL ELECTRIC CODE.
- 4) CONSTRUCTION METHODS AND PRECAUTIONS ARE DICTATED BY GROUND AND SOIL CONDITIONS TO BE DETERMINED BY THE CONTRACTOR, WHO IS NOT AN AGENT OR EMPLOYEE OF RADIANT POOLS OR THE MANUFACTURER OF THE POOL COMPONENTS

POOL COMPONENTS	
1	RADIUS WALL PANELS - 3 OR 4 CURVED PANELS JOIN TOGETHER ON EACH END
2	STRAIGHT WALL PANELS - 1 TO 4 PANELS JOIN TOGETHER ON EACH SIDE
3	SPLINES - 2 OR 4 ARE SLID IN AT EACH JOINT TO CONNECT WALL PANELS
4	PLASTIC COPING - SECTIONS SNAP OVER WALLS TO HOLD LINER
5	CONCRETE - ANCHORS A-FRAMES
6	HOLD DOWN PLATES
7	SHROUD - (OPTIONAL) COVER FOR A-FRAME
8	SKIMMER - CONTINUALLY REMOVES SURFACE DEBRIS
9	INLET - RETURNS FILTERED WATER TO POOL
10	PANEL BRACE - REINFORCES STRAIGHT PANELS
	VINYL LINER - FITS INSIDE POOL TO FORM A WATERTIGHT SKIN

METRIC SERIES / 52" WALL HEIGHT / POOL SIZE / WATER GALLONAGE				
NOMINAL SIZE	RADIUS PANELS	STRAIGHT PANELS	# OF A-FRAMES	VOL. 44" OF WATER
12' X 16'	6, R6'	2	4	4,418.7 GAL.
12' X 20'	6, R6'	4	6	5,735.2 GAL.
12' X 24'	6, R6'	6	8	7,051.8 GAL.
16' X 24'	8, R8'	4	6	9,027.7 GAL.
16' X 28'	8, R8'	6	8	10,781.1 GAL.
16' X 32'	8, R8'	8	10	12,536.6 GAL.
18' X 30'	8, R9'	6	8	12,919.1 GAL.
18' X 34'	8, R9'	8	10	14,874.0 GAL.
21' X 41'	10, R10'-6"	10	12	21,020.2 GAL.



NON-DIVING POOL
USE OF DIVING EQUIPMENT
IS PROHIBITED



	440 NORTH PEARL STREET ALBANY, NY 12207 PHONE:(518) 434-4161 FAX:(518) 432-6554	METRIC SERIES OVAL POOLS				
		DATE: 05/11/17	PERIMETER: VARIES	AREA: XXXX sq.ft.	GALLONAGE: XXXX gal.	
		CUSTOM FEATURES		DRAWN BY: DAVE	CHECKED BY: XXXXXX	
		PART NO. PMOVXXXXX		SCALE NTS	FILE NAME: XXXXXX	
		DEALER XXXXXX			CUSTOMER XXXXXX	
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