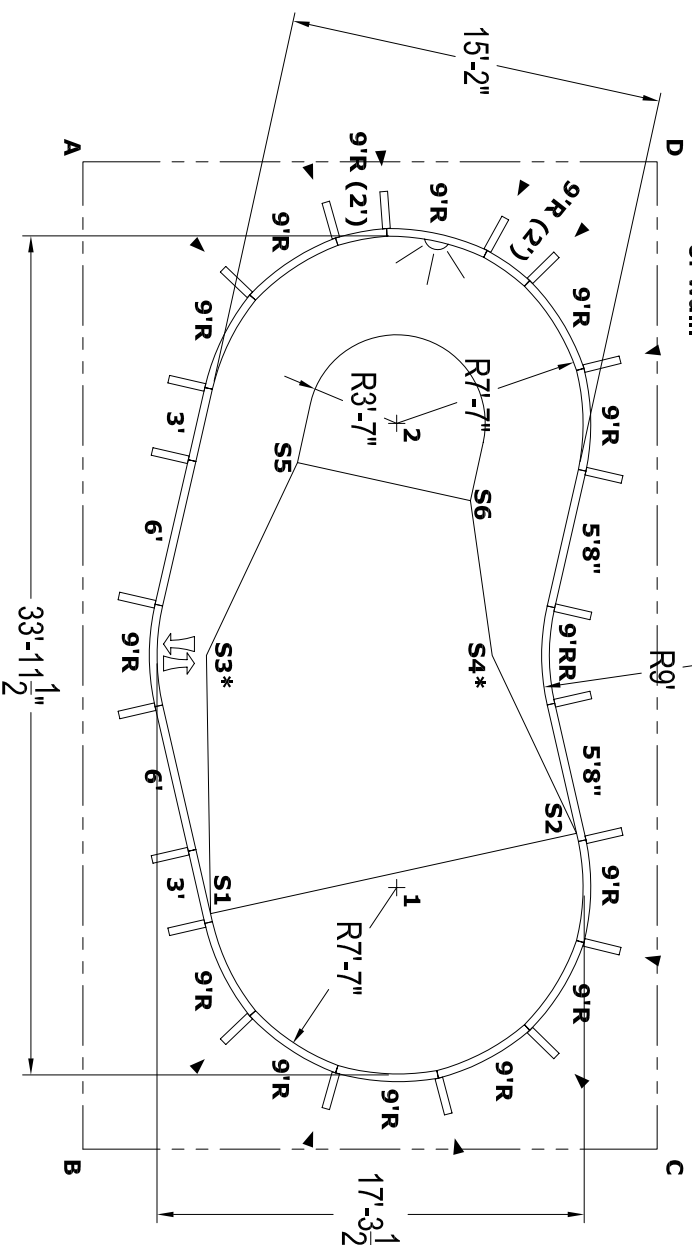


# 15'2" X 34' KIDNEY RIGHT

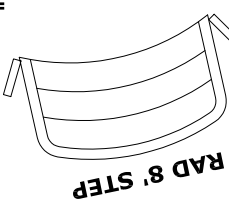
**LAYOUT DIMENSIONS**

A-B 39'11 1/2"	1-2 18'9 1/2"	S1-B 10'10 1/4"	S4-C 21'3/4"	S1-S3 10'5 1/2"
A-C 46'2 3/4"	1-3 17'7"	S1-C 20'5 1/4"	S4-D 21'3/4"	S3-S5 8'7 1/2"
B-C 23'7 1/4"	2-3 17'7"	S2-B 23'8 1/2"	S5-A 14'11 1/2"	S2-S4 7'11 3/4"
		S2-C 13'2 1/4"	S5-D 18'11 3/4"	S4-S6 6'4"
		S3-A 20'7 1/4"	S6-A 20'10"	
		S3-B 20'7 1/4"	S6-D 15'7 3/4"	

\* Depth to be 2' out and 2'7" below bottom of wall.



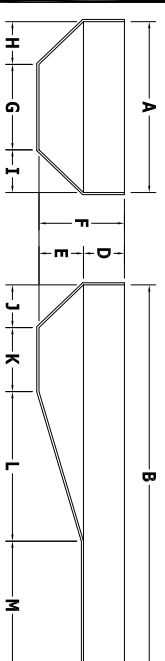
**STEP BOM**  
 -2 9" RADIUS  
 -1 BRACE  
 -1 5° WEDGE  
 +1 RADIUS 8' STEP



**DIMENSIONS**

A	15'2"	K	6'
B	33'11 1/2"	L	VAR
D	3'4"	M	8'2"
E	4'8"	M2	-
F	8'	T	15'2"
G	7'2"	S	17'3 1/2"
H	4'	N	-
I	4'	P	9'
J	4'	U	9'

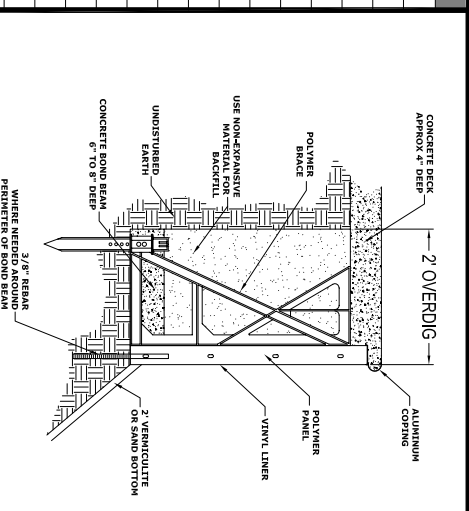
APSP TYPE	II	AREA	587
PERIMETER	86'1"	CAPACITY	16483



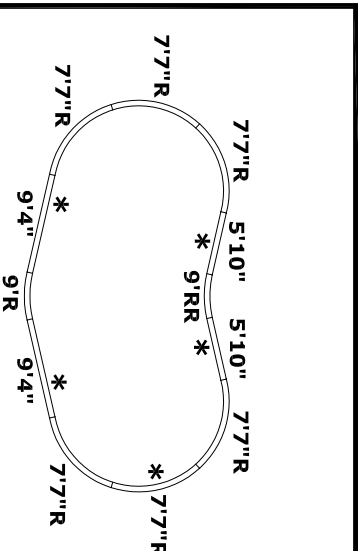
**BILL OF MATERIALS**

QTY	PART	DESCRIPTION
2	HP106	6" PANEL
2	HP104	4" PANEL
2	HP103	3" PANEL
2	HP116	18" SPECIAL PANEL
10	HP159	9R PANEL
1	HP159LL	9R PANEL (LIGHT)
1	HP159A	9R PANEL (A/G)
2	HP110	(9R) 2 OVAL INSERT
1	HP119M	9R REVERSE
11	HP126	5° WEDGE
23	HP199	BRACE

**PANEL SHELF DETAIL**



**COPING LAYOUT**



**NO DIVING WARNING**

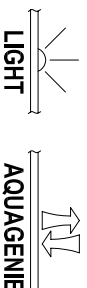
**ATTENTION DEALER/BUILDER:**  
 It is your responsibility to ensure the safety package provided is delivered to the pool owner and that the "NO DIVING" labels are properly installed.

NO DIVING WARNING LABELS MUST BE INSTALLED IN NO DIVING AREAS ACCORDING TO APSP SPECIFICATIONS



\* SUGGESTED LABEL LOCATIONS ARE SPECIFIED IN THE COPING LAYOUT

**PRE-CUT PANEL LEGEND**



**GENERAL NOTES**

1. These are finished dimensions ready for the liner.
2. Dimensions are from inside pool panels.
3. The water level should be no more than 6" below the coping receptor (hatched) slot.

**EXCAVATION NOTES**

1. Rough excavation should be 2" to 3" deeper in each instance.
2. Soil to have minimum bearing capacity of 2000 P.S.F.
3. Locate top of pool at least 6" above surrounding land elevation.
4. See "Panel Shelf Detail" for excavation around pool.
5. Fill voids under base of panels and ramp well.
6. Backfill with non-expansive material.

**ADDITIONAL NOTES**

THIS DOCUMENT IS FOR ILLUSTRATIVE PURPOSES ONLY. The dealer or contractor who sells or installs your pool is an independent agent of the Manufacturer. The construction methods illustrated here are suggestions and apply only to normal ground conditions. There may be additional precautions and/or methods of construction. Proper installation is the responsibility of the dealer/builder/contractor.



543 South Main Street - Sweetwater, TN 37874

DATE	PANEL LINE	DRAWING TITLE	DRAWING NUMBER
JAN 2006	HYDRA	15'2" X 34' KIDNEY RIGHT	10711