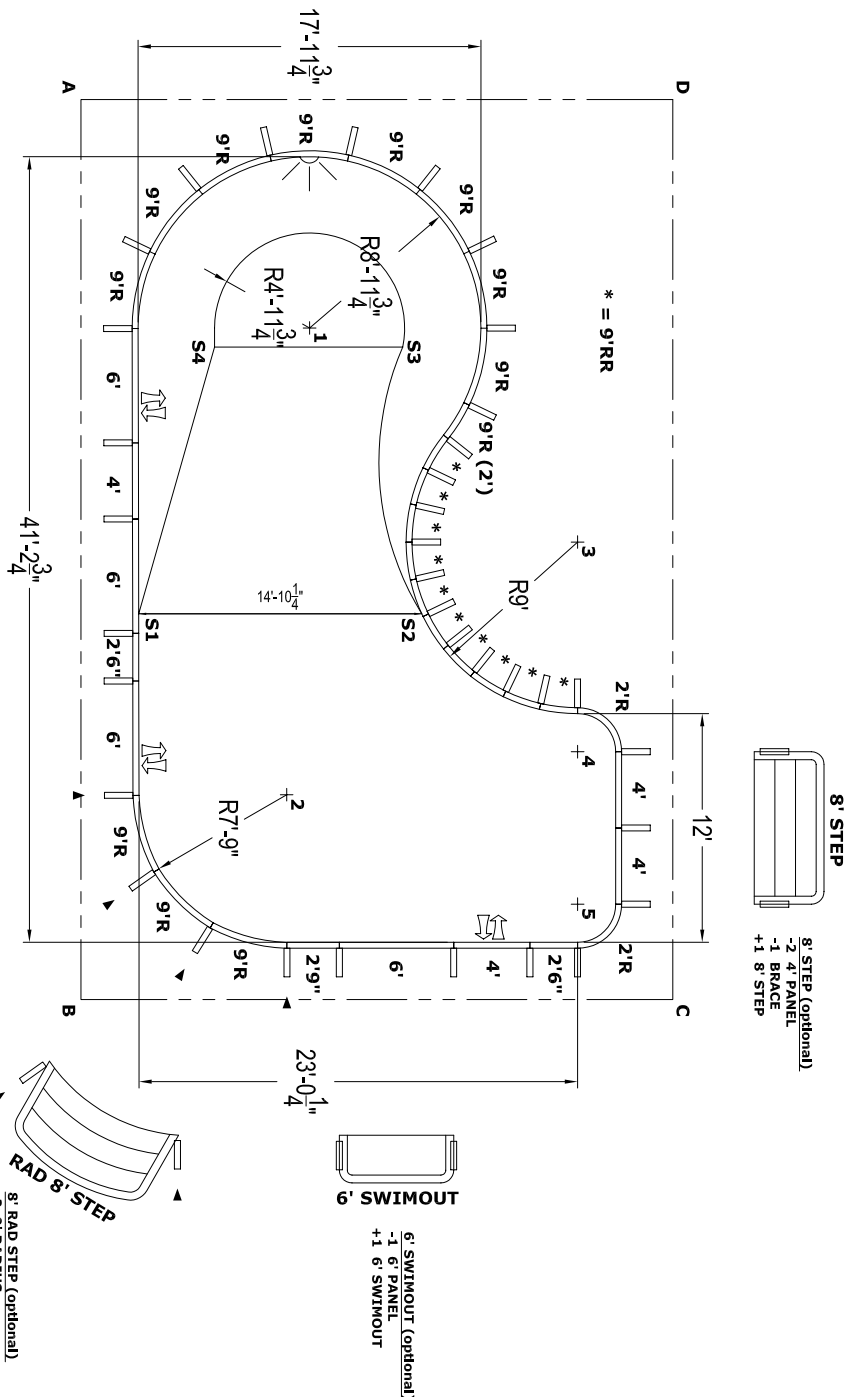


# 25' X 41'3" NAUTILUS RIGHT

130



**LAYOUT DIMENSIONS**

A-B	47'2 3/4"	A-1	16'11 1/2"	S1-B	20'5 1/2"
A-C	56'6 1/4"	B-2	15'2 3/4"	S1-C	34'6 3/4"
B-C	31'3/4"	B-4	29'1 1/2"	S2-B	27'
		B-5	26'6 1/2"	S2-C	24'1 3/4"
		C-2	22'11 1/4"	S3-A	21'3 1/2"
		C-3	24'6 1/4"	S3-D	19'2 3/4"
		C-4	13'11 1/4"	S4-A	14'9"
		C-5	7'3/4"	S4-D	27'4"
		D-1	22'6 1/4"		
		D-3	23'9"		

**8' COZY COVE (Optional)**

-1 6' PANEL	
+1 4' BRACE	
+2 1' PANELS	
+1 8' COZY COVE	

**8' RAD STEP (Optional)**

-2 9' RADIUS	
-1 5° WEDGE	
+1 RAD 8' STEP	

**6' SWIMOUT (Optional)**

-1 6' PANEL	
+1 6' SWIMOUT	

**8' STEP (Optional)**

-2 4' PANEL	
-1 BRACE	
+1 8' STEP	

**ADDITIONAL DIMENSIONS**

1-2	24'6 1/4"	S1-B	20'5 1/2"
1-3	18'	S1-C	34'6 3/4"
1-4	26'3 3/4"	S2-B	27'
1-5	33'4"	S2-C	24'1 3/4"
2-3	20'2 1/2"	S3-A	21'3 1/2"
2-4	15'5 1/4"	S3-D	19'2 3/4"
2-5	16'3 3/4"	S4-A	14'9"
3-4	11'	S4-D	27'4"
3-5	19'		
4-5	8'		

## GENERAL NOTES

- These are finished dimensions ready for the liner.
- Dimensions are from inside pool panels.
- The ideal water level should be to the middle of the skimmer opening(s).

## EXCAVATION NOTES

- Rough excavation should be 2" deeper in each instance.
- Soil to have minimum bearing capacity of 2000 P.S.F.
- Locate top of pool at least 6" above surrounding land elevation.
- See "Panel Shift Detail" for excavation around pool.
- See "Overdig Detail" for excavation around pool.
- 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 contractor and is not an 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.

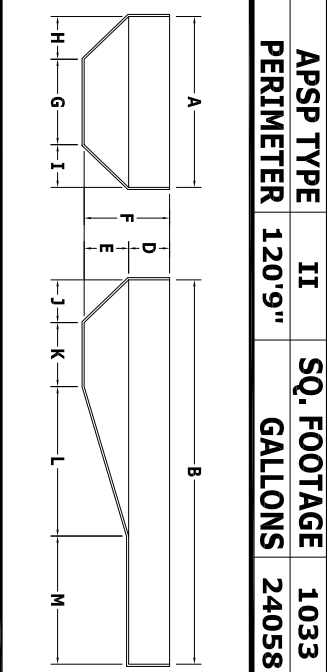
Document ID: HFS300 Cornerstone Standard Panel Layout Drawing  
 Rev: Date: 12/02/03  
 Rev: Level: A

## DIMENSIONS

A	17'1 1/4"	K	6'
B	41'2 3/4"	L	14'
D	3'4"	M	17'2 3/4"
E	4'8"	M2	-
F	8'	T	12'
G	9'10 1/2"	S	25 1/4"
H	4'	N	-
I	4'	P	-
J	4'	U	-

## APSP TYPE

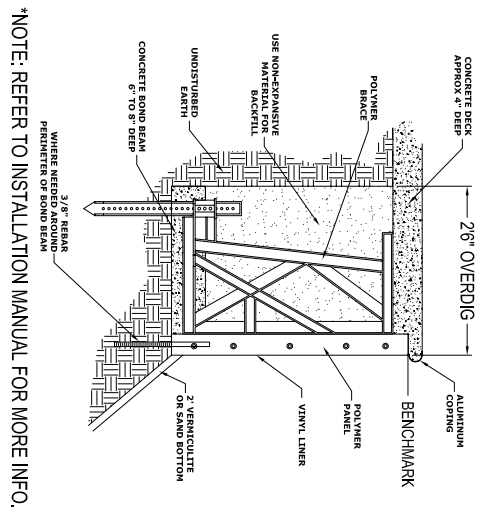
II	SQ. FOOTAGE	1033	
PERIMETER	120'9"	GALLONS	24058



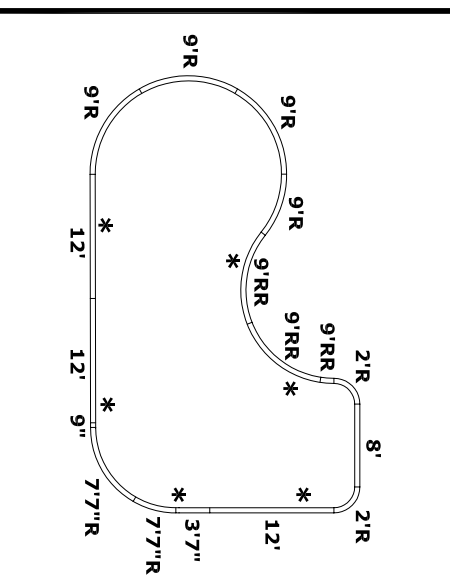
## BILL OF MATERIALS

QTY	PART	DESCRIPTION
2	HP306	6' PANEL
2	HP306A	6' PANEL (A/G)
3	HP304	4' PANEL
1	HP304A	4' PANEL (A/G)
1	HP317	29" SPECIAL PANEL
2	HP383S	26" SPECIAL PANEL
10	HP359	9'R PANEL
1	HP359LL	9'R PANEL (LIGHT)
1	HP110D	(9'R) 2 OVAL INSERT
10	HP319N	9'R REVERSE ( * )
2	HP352M	2'R PANEL
4	HP126	5° WEDGE
35	HP399	BRACE

## OVERDIG DETAIL



## COPING LAYOUT



## NO DIVING WARNING

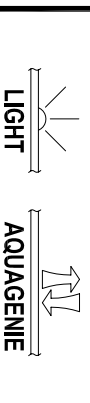
ATTENTION DEALER/BUILDER: It is your responsibility to ensure the safety package provided is delivered to the pool owner and that the "NO DIVING" labels are properly installed.

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

**A DANGER**  
**NO DIVING**  
**SHALLOW WATER**

\* SUGGESTED LABEL LOCATIONS ARE SPECIFIED IN THE COPING LAYOUT

## PRE-CUT PANEL LEGEND



DATE: JAN 2007  
 PANEL LINE: CORNERSTONE  
 DRAWING TITLE: 25' X 41'3" NAUTILUS RIGHT  
 DRAWING NUMBER: 30971

Hydra Pools  
 543 South Main Street - Sweetwater, TN 37874  
 Copyright © 2007 by Hydra Pools.