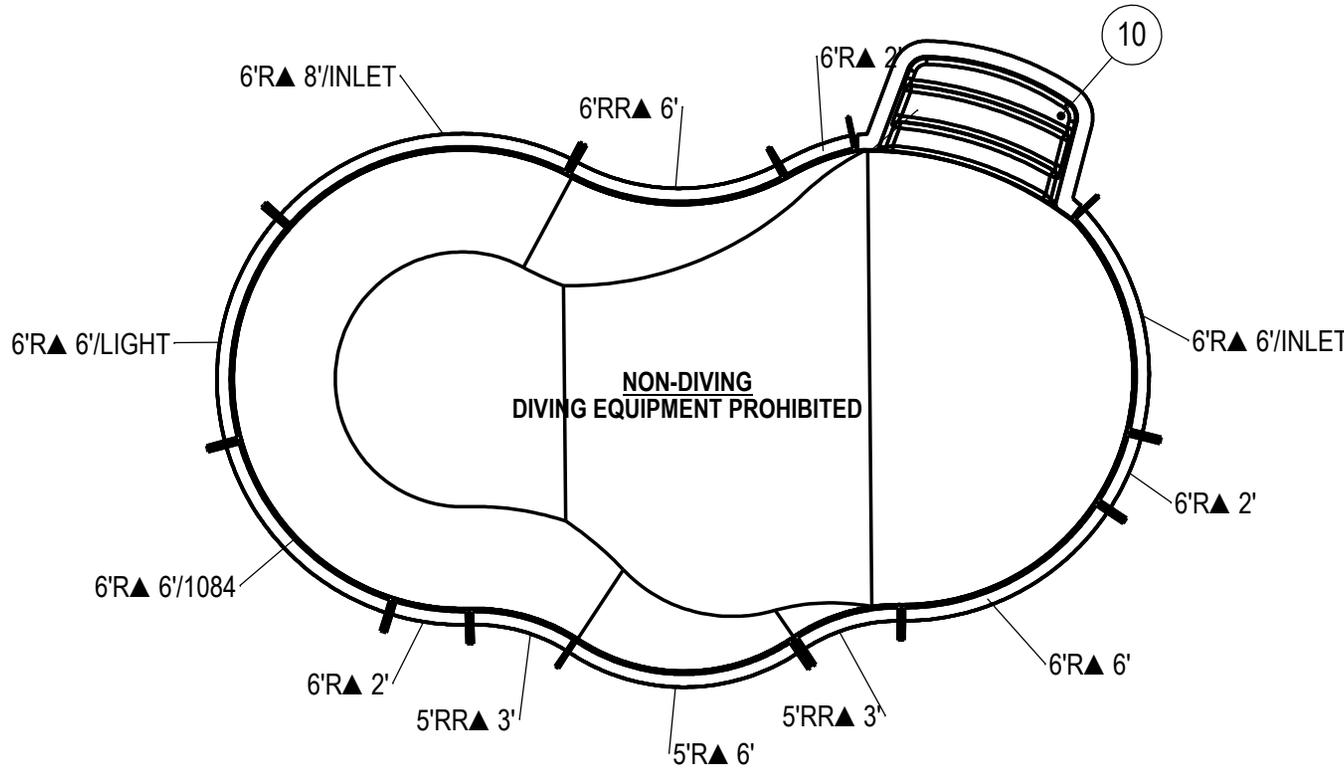


REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY



**NOTES:**

- THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
- DIMENSIONS ARE FROM INSIDE POOL PANELS.
- ROPE AND FLOAT ASSEMBLY SHOULD BE INSTALLED IN ACCORDANCE WITH CURRENT ANSI/ASPS/ICC REGULATIONS
- HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.

**EXCAVATION NOTES:**

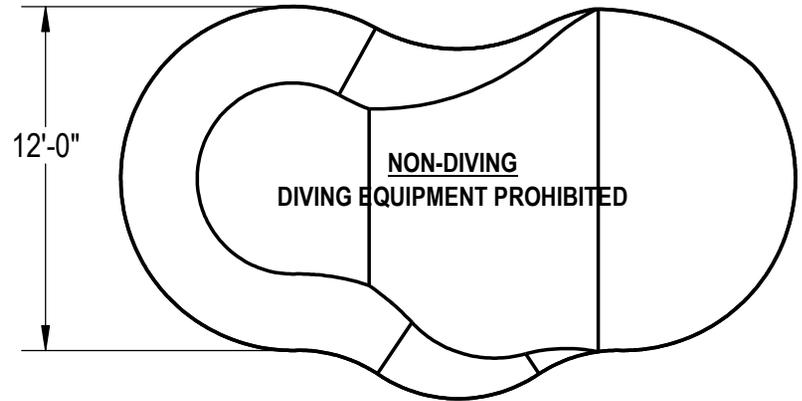
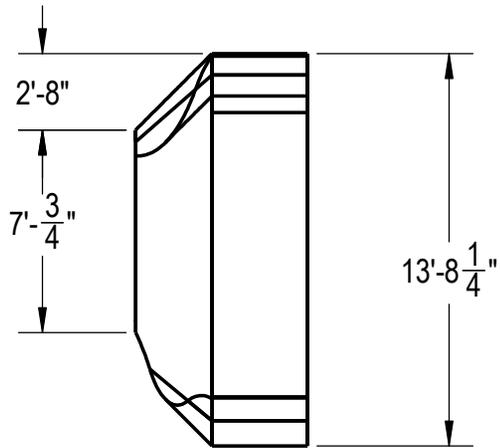
- ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
- SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
- LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
- SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
- FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
- BACK FILL WITH NON-EXPANSIVE MATERIAL.
- FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS

**IMPORTANT NOTES:**

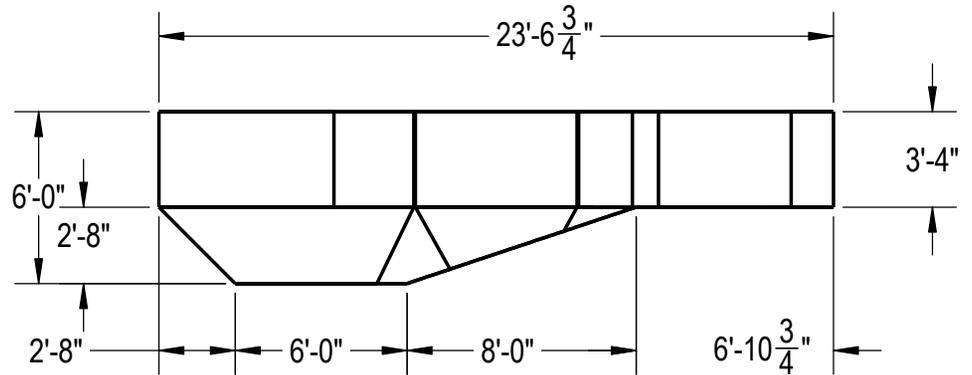
THIS DOCUMENT IS FOR ILLUSTRATIVE PURPOSES ONLY. THE DEALER OR CONTRACTOR WHO SELLS OR INSTALLS YOUR POOL IS AN INDEPENDENT CONTRACTOR AND IS NOT AN AGENT OF THE MANUFACTURER. THE CONSTRUCTION METHODS ILLUSTRATED HERE ARE SUGGESTIONS AND APPLY ONLY TO NORMAL GROUND CONDITIONS. THERE MAY BE ADDITIONAL PRECAUTIONS AND/OR METHODS OF CONSTRUCTION. PROPER INSTALLATION IS THE RESPONSIBILITY OF THE DEALER/BUILDER/CONTRACTOR.

ITEM	FILE NAME	DESCRIPTION	CUSTOMER DRAWING #	VENDOR PART #	QTY.
1	PANEL_RR	PANEL, 5' REVERSE RADIUS, 3' LONG, 600 SERIES	HPSD5RR3	00002027	2
2	PANEL_RR	PANEL, 6' REVERSE RADIUS, 6' LONG, 600 SERIES	HPSD6RR6	00002209	1
3	PANEL_RADIUS	PANEL, 6' RADIUS, 8' LONG, INLET, 600 SERIES	HPS6R8I	00000752	1
4	PANEL_RADIUS	PANEL, 6' RADIUS, 6' LONG, 600 SERIES	HPSD6R6	00000297	1
5	PANEL_RADIUS	PANEL, 6' RADIUS, 2' LONG, 600 SERIES	HPSCR3	00004287	3
6	PANEL_RADIUS	PANEL, 6' RADIUS, 6' LONG, 1084, 600 SERIES	HPS6R684	00000259	1
7	PANEL_RADIUS	PANEL, 5' RADIUS, 6' LONG, 600 SERIES	HPS5R6	00000491	1
8	PANEL_RADIUS	PANEL, 6' RADIUS, 6' LONG, LIGHT, 600 SERIES	HPSD6R6L	00000298	1
9	PANEL_RADIUS	PANEL, 6' RADIUS, 6' LONG, INLET, 600 SERIES	HPSD6R6I	00000242	1
10	HS103N	STEP, 6' RADIUS, 3 TREAD	HS103N	HS103N	1
11	SBRACE	BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB	HPSFOB	HPSFOB	13
12	BOLT_PACK	BOLT, FLANGE, 3/8-16 X 1", PACK (50)	HPS1916	HPS1916	4

ENGINEERING DRAWING NUMBER: <b>00018218</b>	WEIGHT:	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005  ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION	DESIGNED BY:	CREATION DATE:	<b>HYDRA POOLS</b>
	lbs		<b>RCOLBOCH</b>	<b>12/4/2013</b>	
	VOLUME:		DETAILED BY:	DETAILED DATE:	
	Inch <sup>3</sup>		<b>JRITTENHOUSE</b>	<b>4/5/2018</b>	
COLOR:	LAST REVISED BY:	LAST REVISED DATE:	TITLE: <b>LAYOUT, 12' X 24', LAGOON, RIGHT, 6' DEEP, HS103N, LIGHT, 1084, 600 SERIES</b>		
NA	<b>rhouston</b>	<b>4/5/2018</b>	PART NUMBER: <b>00018218</b>		
HEAT TREAT:	MATERIAL:		SCALE: <b>1:60</b>	SIZE: <b>A</b>	
NA			SHEET: <b>1 OF 6</b>		
FINISH:					
NA					
TEXTURE:					
NA					



**Area: 251.54ft ^2**  
**Perimeter: 61.84ft**  
**Volume = 8280.367 US gallons**



**NOTES:**

1. THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
3. ROPE AND FLOAT ASSEMBLY SHOULD BE INSTALLED IN ACCORDANCE WITH CURRENT ANSI/ASPS/ICC REGULATIONS
4. HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.

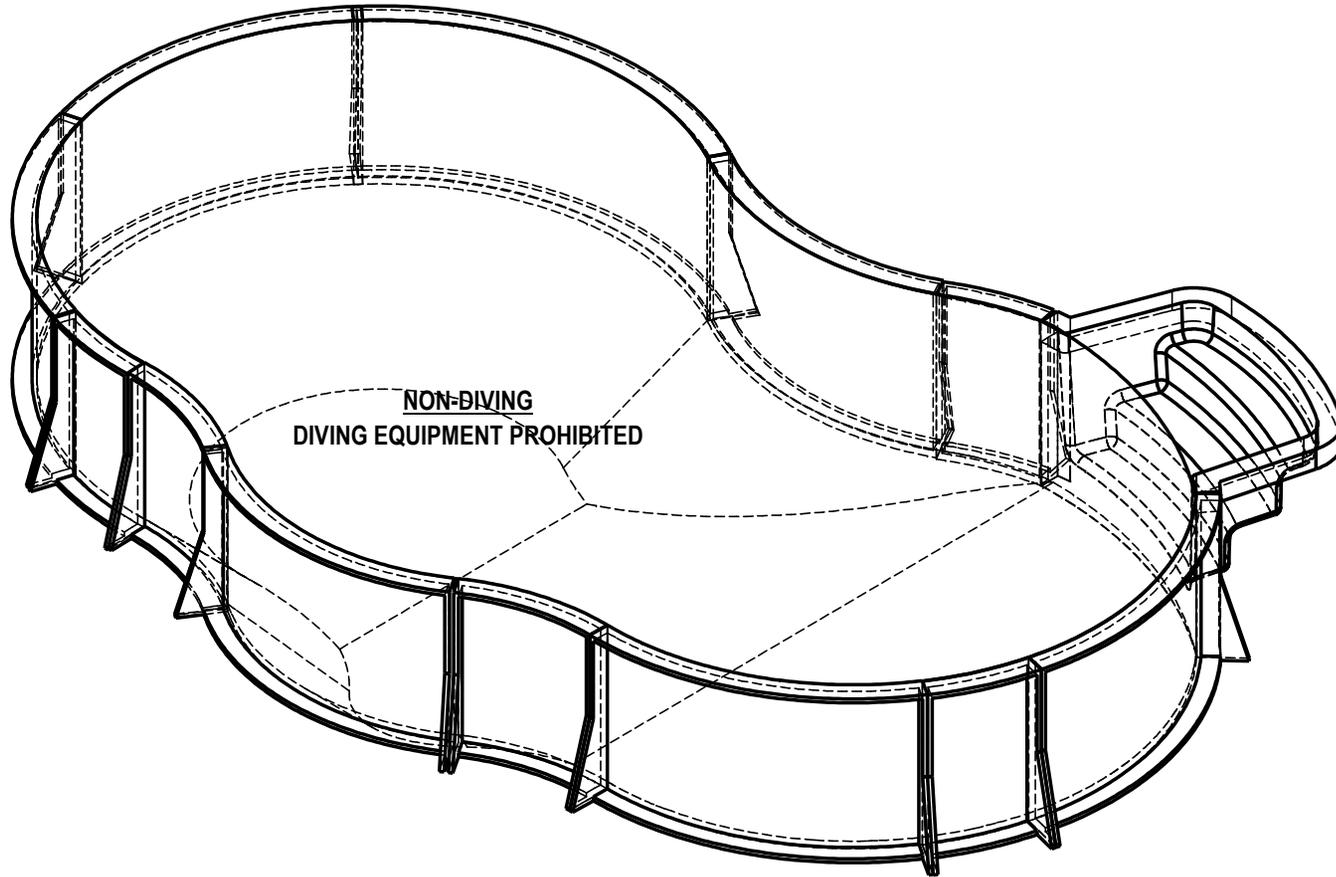
**EXCAVATION NOTES:**

5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
9. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
10. BACK FILL WITH NON-EXPANSIVE MATERIAL.
11. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS

**IMPORTANT NOTES:**

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ENGINEERING DRAWING NUMBER: <b>00018218</b>	WEIGHT:	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005  ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION	DESIGNED BY:	CREATION DATE:	<b>HYDRA POOLS</b>			
	VOLUME:		6/27/2017	DETAILED BY:			DETAILED DATE:	
	Inch <sup>3</sup>		J. RITTENHOUSE	4/5/2018	LAST REVISED BY:	LAST REVISED DATE:	TITLE: <b>LAYOUT, 12' X 24', LAGOON, RIGHT, 6' DEEP, HS103N, LIGHT, 1084, 600 SERIES</b>	
	COLOR:		rhouston	4/5/2018	MATERIAL:			
NA			PART NUMBER:		SCALE:	SIZE:		
HEAT TREAT:			<b>00018218</b>		1:128	<b>A</b>		
NA			SHEET:	2 OF 6				
FINISH:								
NA								
TEXTURE:								
NA								

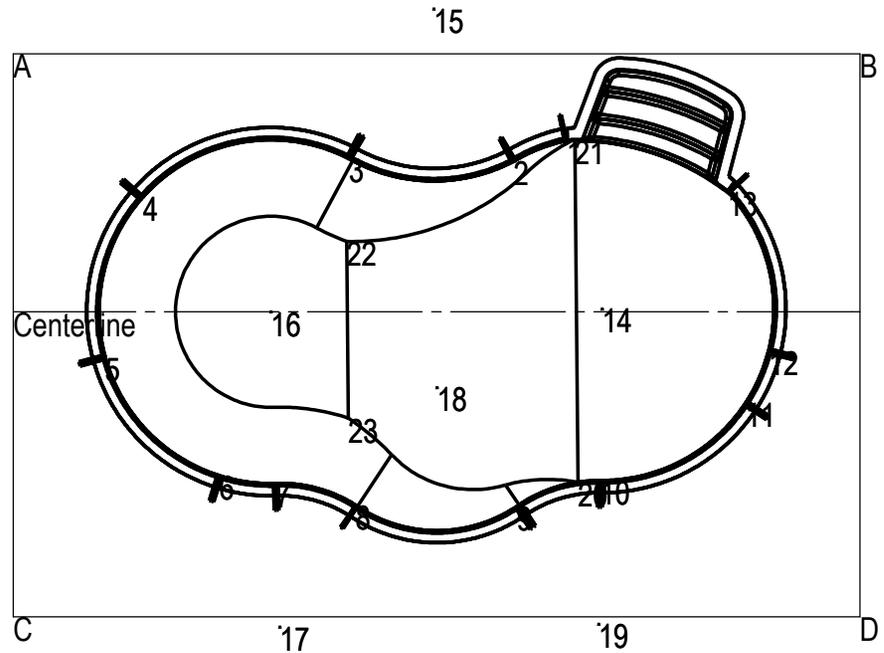


**NON-DIVING  
DIVING EQUIPMENT PROHIBITED**

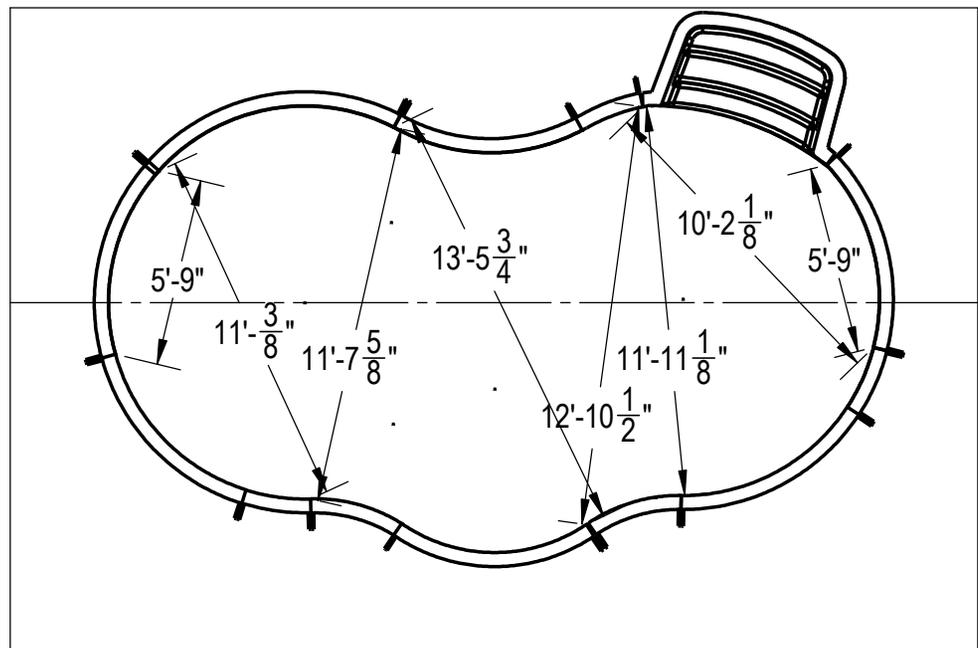
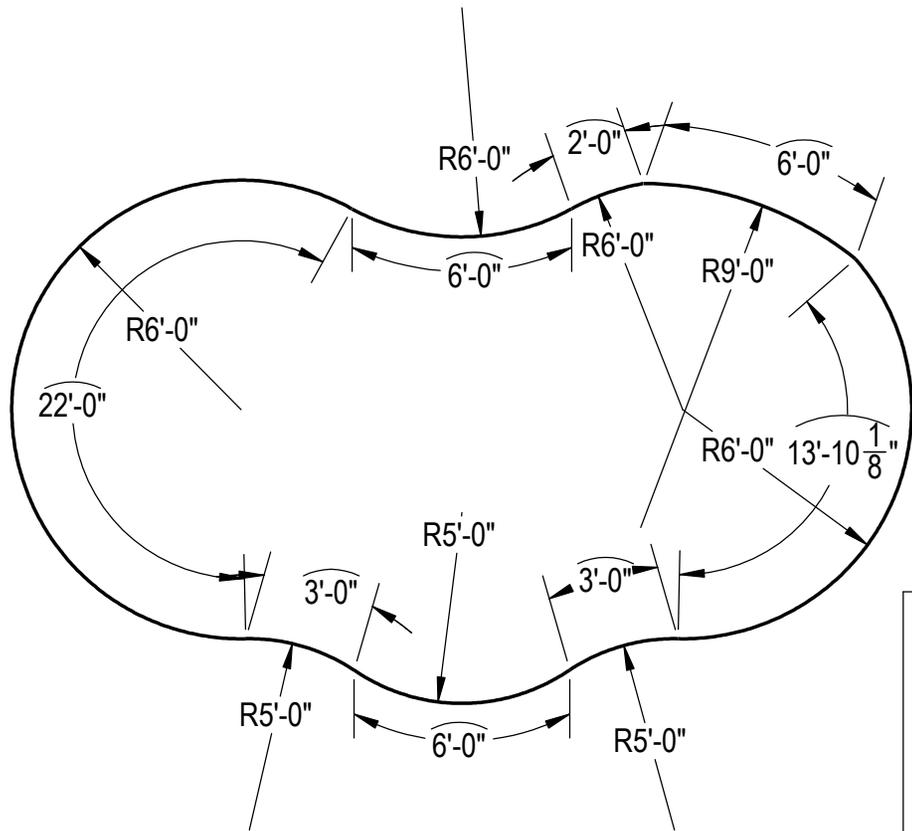
ENGINEERING DRAWING NUMBER: <b>00018218</b>	WEIGHT:	<b>UNLESS OTHERWISE SPECIFIED</b> DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005  ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION 	DESIGNED BY:	CREATION DATE:	<b>HYDRA POOLS</b>			
	lbs		<b>RCOLBOCH</b>	<b>12/4/2013</b>				
	VOLUME:		DESIGNED BY: <b>RCOLBOCH</b> DETAILED BY: <b>JRITTENHOUSE</b> LAST REVISED BY: <b>rhouston</b> MATERIAL:	DETAILED DATE:	TITLE: <b>LAYOUT, 12' X 24', LAGOON, RIGHT, 6' DEEP, HS103N, LIGHT, 1084, 600 SERIES</b>			
	Inch <sup>3</sup>			<b>4/5/2018</b>				
	COLOR:			LAST REVISED DATE:			PART NUMBER: <b>00018218</b>	
	NA			<b>4/5/2018</b>				
HEAT TREAT:		<b>1:128</b>		<b>A</b>				
NA			SHEET:					
FINISH:			<b>3 OF 6</b>					
TEXTURE:								
NA								

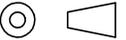
	A	B	C	D
1	19' 6-3/4"	10' 8"	25' 5-7/8"	19' 6-1/8"
2	17' 10-1/2"	12' 7-7/8"	23' 7-3/8"	19' 11-5/8"
3	12' 3-1/4"	18' 2-1/2"	19' 9-7/8"	23' 11-1/2"
4	6' 8-7/8"	25' 6-1/8"	15' 4-1/8"	28' 11-7/8"
5	11' 0-5/8"	28' 4-3/4"	9' 7-3/8"	27' 10-3/8"
6	16' 4-5/8"	26' 9-1/4"	8' 8-5/8"	22' 10-3/4"
7	17' 7"	25' 3-3/4"	10' 3-3/8"	20' 10-7/8"
8	19' 9-1/4"	23' 7-1/2"	12' 6-7/8"	18' 0-3/8"
9	23' 7-3/4"	19' 9-5/8"	18' 0-1/4"	12' 6-3/4"
10	25' 4-1/8"	17' 5-1/4"	21' 0-1/2"	10' 2-3/4"
11	28' 4"	12' 9-7/8"	26' 7-5/8"	8' 5-3/8"
12	28' 4-1/8"	10' 10-1/8"	27' 11-1/2"	9' 9-5/8"
13	25' 5"	6' 7-7/8"	29' 0-3/8"	15' 6-3/8"
14	22' 4-7/8"	12' 7-7/8"	23' 2-3/8"	14' 0-1/8"
15	14' 9-1/4"	14' 11-1/2"	25' 9-1/2"	25' 10-7/8"
16	12' 8-3/4"	22' 5-3/8"	13' 11-1/4"	23' 1-3/4"
17	22' 0-3/4"	28' 5-1/2"	9' 3-7/8"	20' 3"
18	18' 10"	18' 9-1/2"	16' 10"	16' 9-3/8"
19	28' 6-3/8"	21' 10-5/8"	20' 5-3/8"	9' 1-1/2"
20	24' 9"	17' 10-3/4"	20' 3-1/4"	10' 10-7/8"
21	19' 10-1/8"	10' 4-5/8"	25' 8-5/8"	19' 4-5/8"
22	13' 4-3/8"	19' 0-7/8"	17' 6-1/4"	22' 2-1/4"
23	17' 3-1/4"	21' 11-1/8"	13' 7-1/8"	19' 1-7/8"
A	-	29' 6-3/4"	19' 7-5/8"	35' 5-7/8"

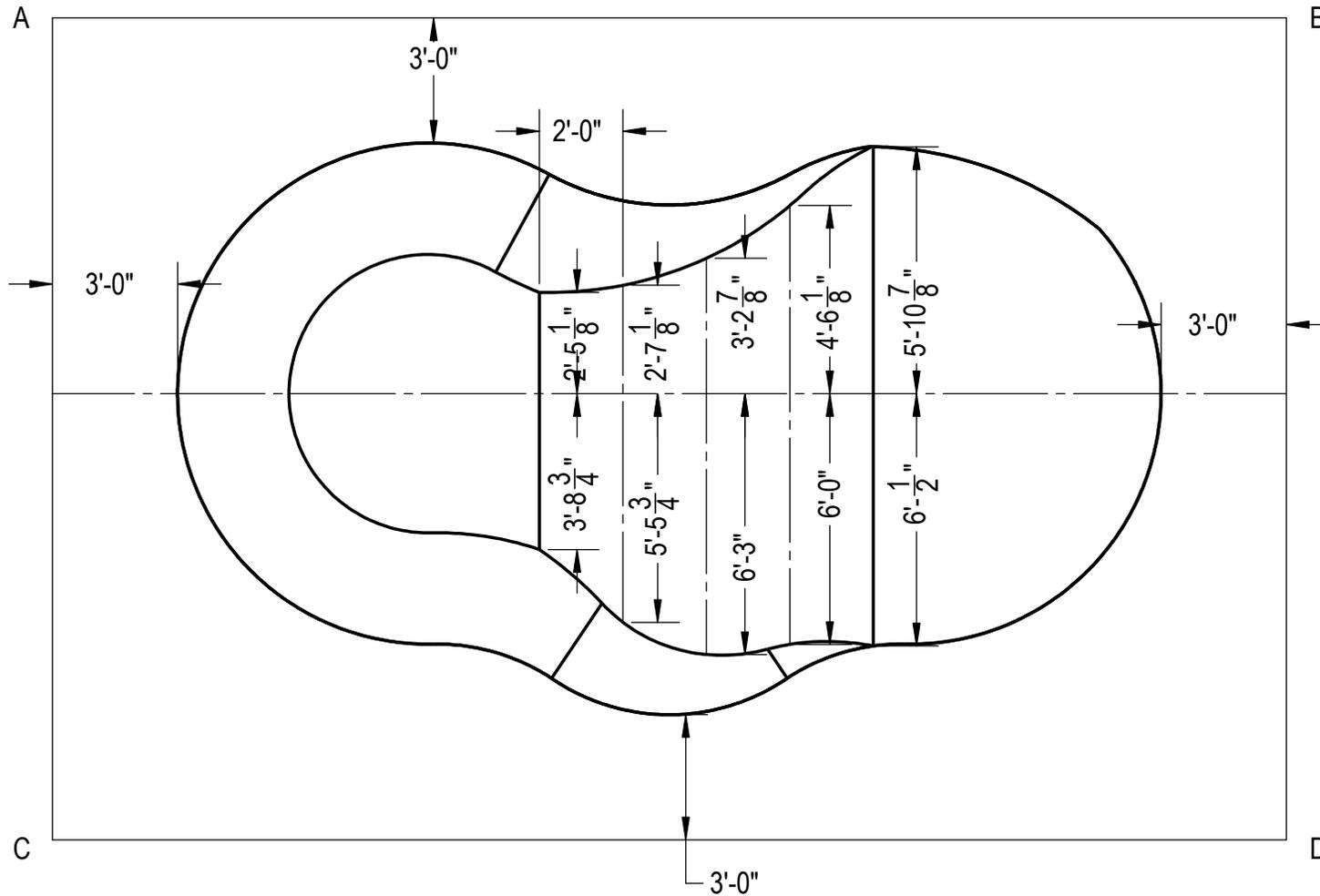
Centerline	
1	5' 11-3/4"
2	5' 3"
3	5' 4-1/4"
4	4' 0-1/4"
5	1' 7"
6	5' 8-5/8"
7	5' 12"
8	6' 9"
9	6' 9-3/8"
10	5' 10-3/4"
11	3' 2-1/4"
12	1' 4-1/2"
13	4' 2-3/8"
14	0' 1-1/4"
15	10' 6-3/4"
16	0' 0"
17	10' 12"
18	2' 7-5/8"
19	10' 10-3/4"
20	5' 11-3/8"
21	6' 0"
22	2' 5-3/8"
23	3' 8-1/2"



ENGINEERING DRAWING NUMBER: <b>00018218</b>	WEIGHT:	<b>UNLESS OTHERWISE SPECIFIED</b> DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005  ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION 	DESIGNED BY: <b>RCOLBOCH</b>	CREATION DATE: <b>12/4/2013</b>	<b>HYDRA POOLS</b>	
	VOLUME: Inch <sup>3</sup>		Detailed by: <b>JRITTENHOUSE</b>	DETAILED DATE: <b>4/5/2018</b>		
	COLOR:		LAST REVISED BY: <b>rhouston</b>	LAST REVISED DATE: <b>4/5/2018</b>	TITLE: <b>LAYOUT, 12' X 24', LAGOON, RIGHT, 6' DEEP, HS103N, LIGHT, 1084, 600 SERIES</b>	
	HEAT TREAT:		MATERIAL:	PART NUMBER:	SCALE: <b>1:128</b>	SIZE: <b>A</b>
	FINISH:			<b>00018218</b>	SHEET: <b>4 OF 6</b>	



ENGINEERING DRAWING NUMBER: <b>00018218</b>	WEIGHT:	<b>UNLESS OTHERWISE SPECIFIED</b> DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005  ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION 	DESIGNED BY:	CREATION DATE:	<b>HYDRA POOLS</b>  TITLE: LAYOUT, 12' X 24', LAGOON, RIGHT, 6' DEEP, HS103N, LIGHT, 1084, 600 SERIES  PART NUMBER: <span style="font-size: 2em; font-weight: bold;">00018218</span>	
	lbs					
	VOLUME:					
	Inch <sup>3</sup>					
	COLOR:			DETAILED BY:		DETAILED DATE:
	NA			<b>JRITTENHOUSE</b>		<b>4/5/2018</b>
HEAT TREAT:		LAST REVISED BY:	LAST REVISED DATE:			
NA		<b>rhouston</b>	<b>4/5/2018</b>			
FINISH:		MATERIAL:		SCALE:	SIZE:	
NA				<b>1:128</b>	<b>A</b>	
TEXTURE:				SHEET:		
NA				<b>5 OF 6</b>		



ENGINEERING DRAWING NUMBER: <b>00018218</b>	WEIGHT:	<b>UNLESS OTHERWISE SPECIFIED</b> DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005  ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION 	DESIGNED BY:	CREATION DATE:	<b>HYDRA POOLS</b>  TITLE: LAYOUT, 12' X 24', LAGOON, RIGHT, 6' DEEP, HS103N, LIGHT, 1084, 600 SERIES  PART NUMBER: <span style="font-size: 2em; font-weight: bold;">00018218</span>	
	lbs					6/27/2017
	VOLUME:			DETAILED BY:		DETAILED DATE:
	Inch <sup>3</sup>			<b>JRITTENHOUSE</b>		4/5/2018
	COLOR:			LAST REVISED BY:		LAST REVISED DATE:
	NA			<b>rhouston</b>		4/5/2018
HEAT TREAT:		MATERIAL:		SCALE:	SIZE:	
NA				1:128	A	
FINISH:				SHEET:		
NA				6 OF 6		
TEXTURE:						
NA						