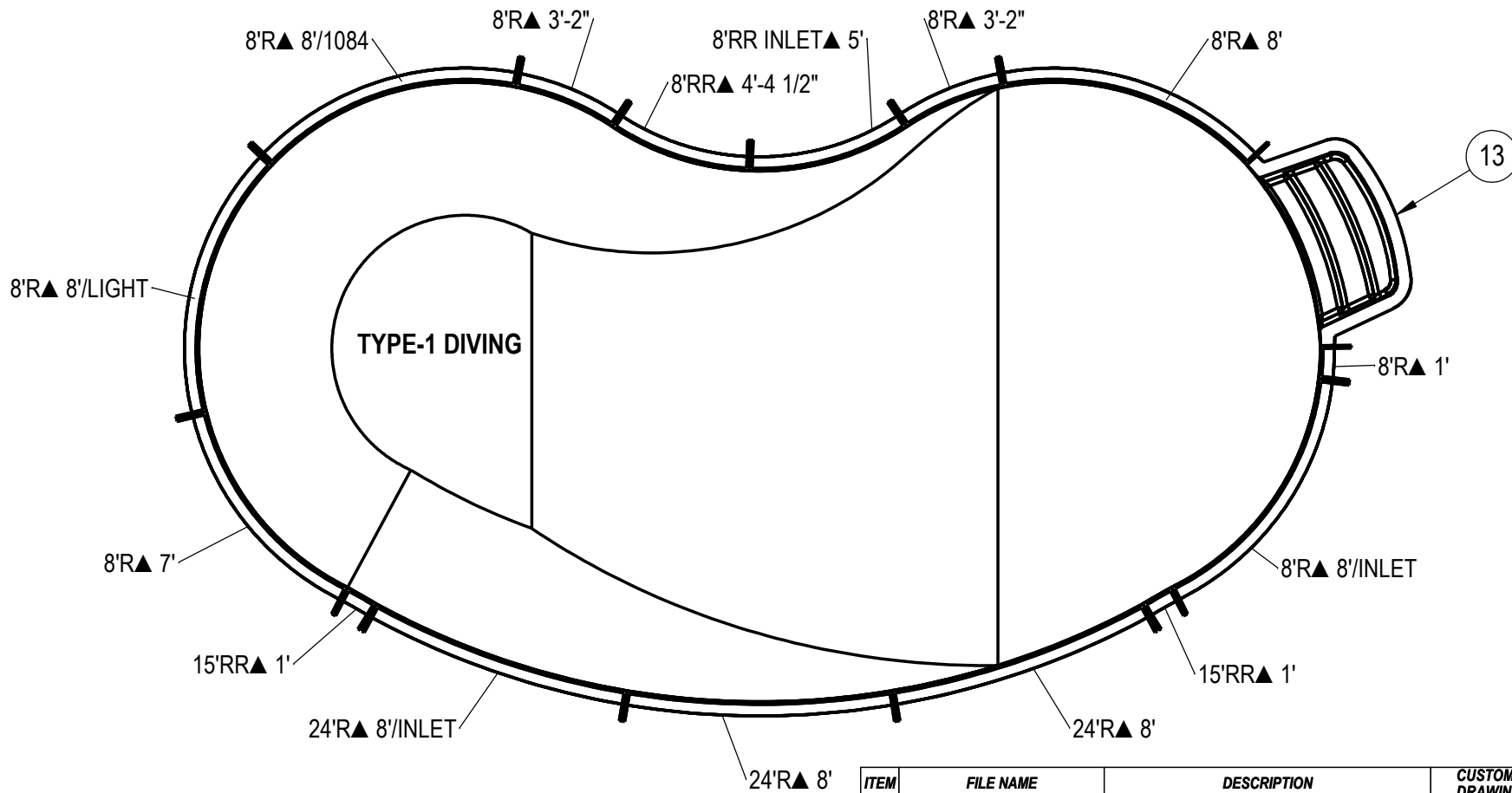


REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY



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, RADIUS	PANEL, 8' RADIUS, 8' LONG, 1084, 600 SERIES	HPSD8R884	00000271	1
2	PANEL, RADIUS	PANEL, 8' RADIUS, 8' LONG, LIGHT, 600 SERIES	HPSD8R8L	00001463	1
3	PANEL, RADIUS	PANEL, 8' RADIUS, 7' LONG, 600 SERIES	HPSD8R7	00001459	1
4	PANEL, RADIUS	PANEL, 24' RADIUS, 8' LONG, INLET, 600 SERIES	HPSCR8	00005378	1
5	PANEL, RADIUS	PANEL, 8' RADIUS, 8' LONG, INLET, 600 SERIES	HPS8R8I	00000758	1
6	PANEL, RADIUS	PANEL, 24' RADIUS, 8' LONG, 600 SERIES	HPSD24R8	00000254	2
7	PANEL, RADIUS	PANEL, 8' RADIUS, 3'-2" LONG, 600 SERIES	HPSCR4	00006142	2
8	PANEL, RADIUS	PANEL, 8' RADIUS, 8' LONG, 600 SERIES	HPSD8R8	00000145	1
9	PANEL, RADIUS	PANEL, 8' RADIUS, 1' LONG, 600 SERIES	HPSD8R1	00002210	1
10	PANEL, RR	PANEL, 8' REVERSE RADIUS, 4'-4 1/2" LONG, 600 SERIES	HPSCRR5	00001706	1
11	PANEL, RR	PANEL, 8' REVERSE RADIUS, 5' LONG, INLET, 600 SERIES	HPSCRR6	00003281	1
12	PANEL, RR	PANEL, 15' REVERSE RADIUS, 1' LONG, 600 SERIES	HPS15RR1	00000750	2
13	HS103N	STEP, 6' RADIUS, 3 TREAD	HS103N	HS103N	1
14	SBRACE	BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB	HPSFOB	HPSFOB	16
15	BOLT, PACK	BOLT, FLANGE, 3/8-16 X 1", PACK (50)	HPS1916	HPS1916	4

UNLESS OTHERWISE SPECIFIED

DESIGNED BY: **BUMPHREY**

CREATION DATE: **8/2/2013**

DETAILED BY: **JRITTENHOUSE**

DETAILED DATE: **4/5/2018**

LAST REVISED BY: **rhouston**

LAST REVISED DATE: **4/5/2018**

MATERIAL:

WEIGHT: lbs

VOLUME: Inch³

COLOR: NA

HEAT TREAT: NA

FINISH: NA

TEXTURE: NA

DIMENSIONS ARE IN INCHES

TOLERANCES

DECIMALS: X ± .1
XX ± .01
XXX ± .001
XXXX ± .0005

ANGULAR: X ± 0.5

THIRD ANGLE PROJECTION

ENGINEERING DRAWING NUMBER: **00018202**

HYDRA POOLS

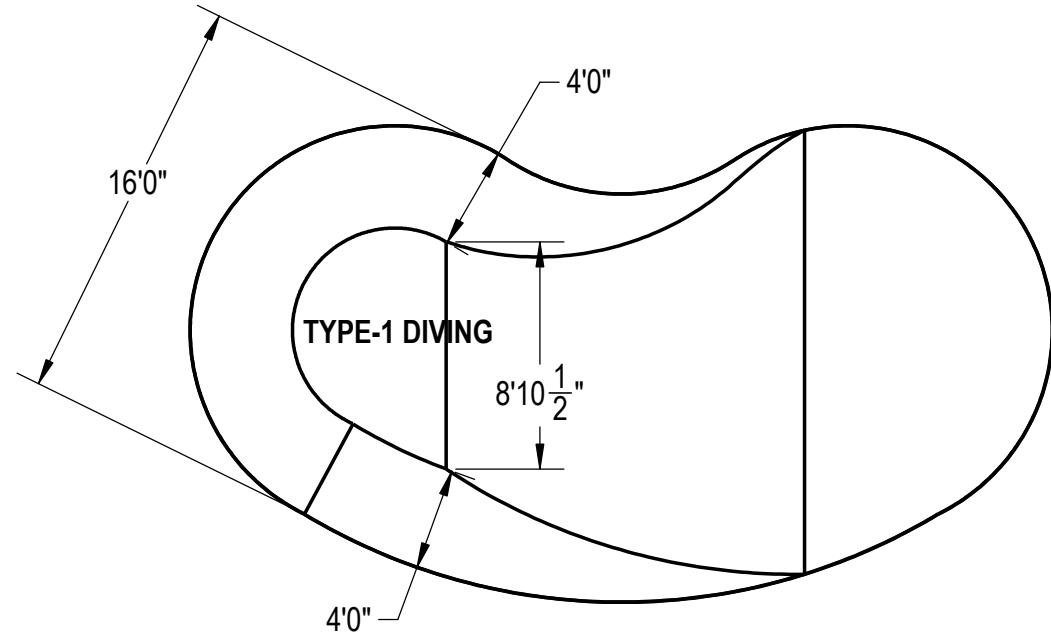
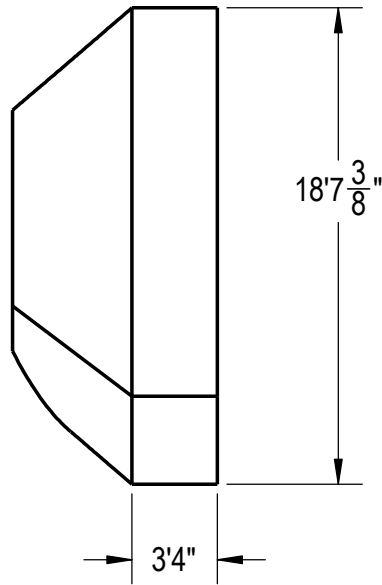
TITLE: **LAYOUT, 16' X 33'-8", KIDNEY, BENT, RIGHT, 8' DEEP, HS103N, LIGHT, 1084, 3-INLETS, 600 SERIES**

PART NUMBER: **00018202**

SCALE: **1:60**

SHEET: **1 OF 5**

SIZE: **A**



Area: 499.69ft ^2
Perimeter: 87.71ft
Volume = 18817 US gallons

NOTES:

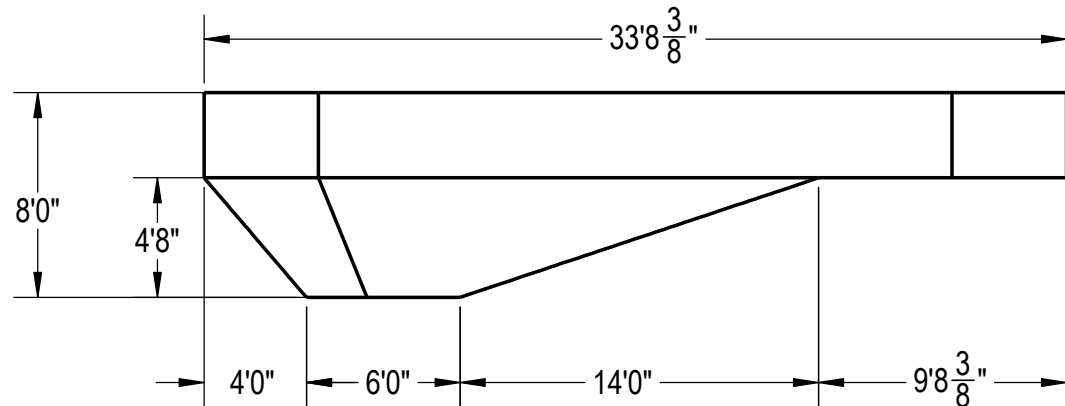
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4. HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.

EXCAVATION NOTES:

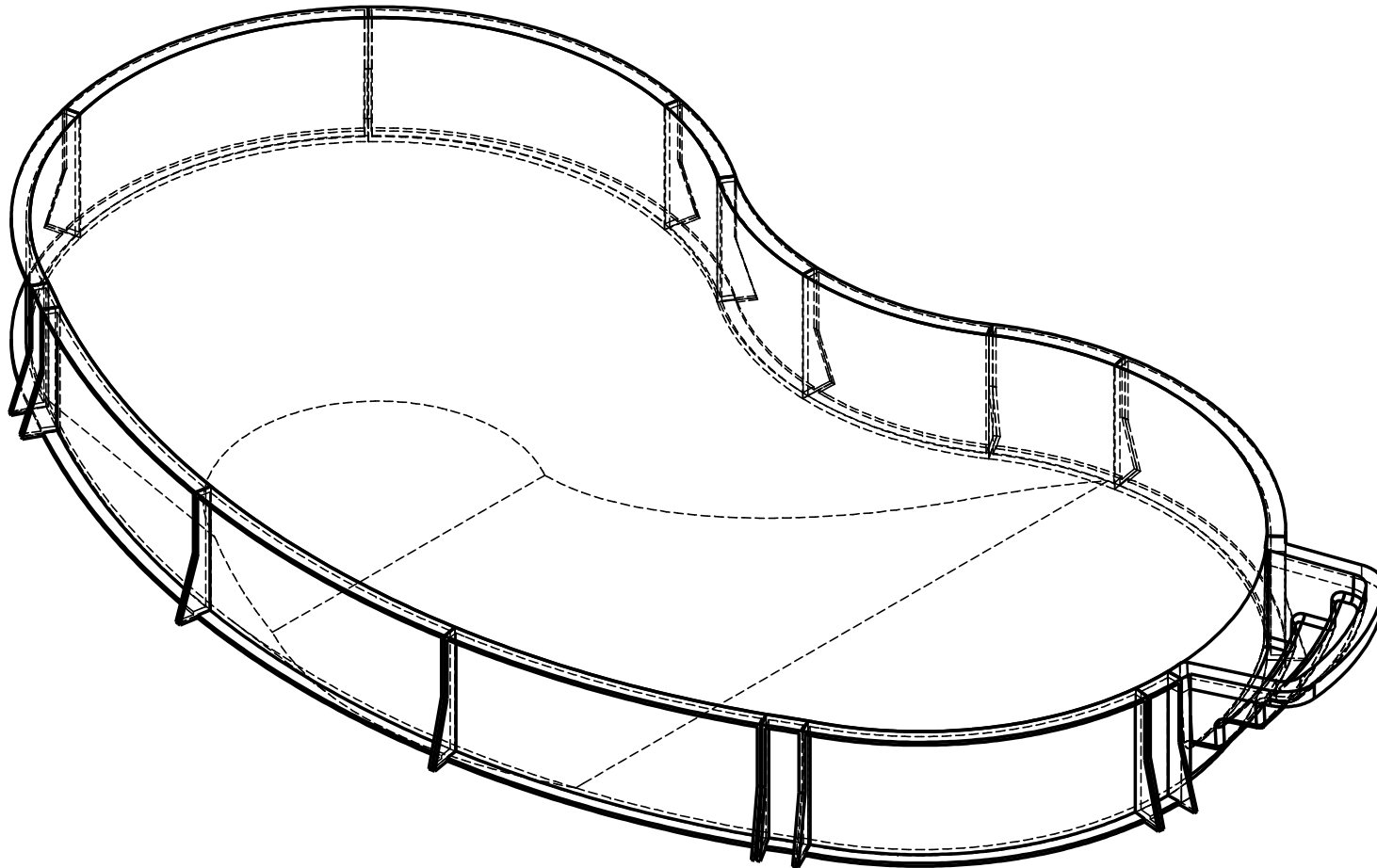
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
9. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
10. BACK FILL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

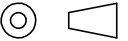
IMPORTANT NOTES:

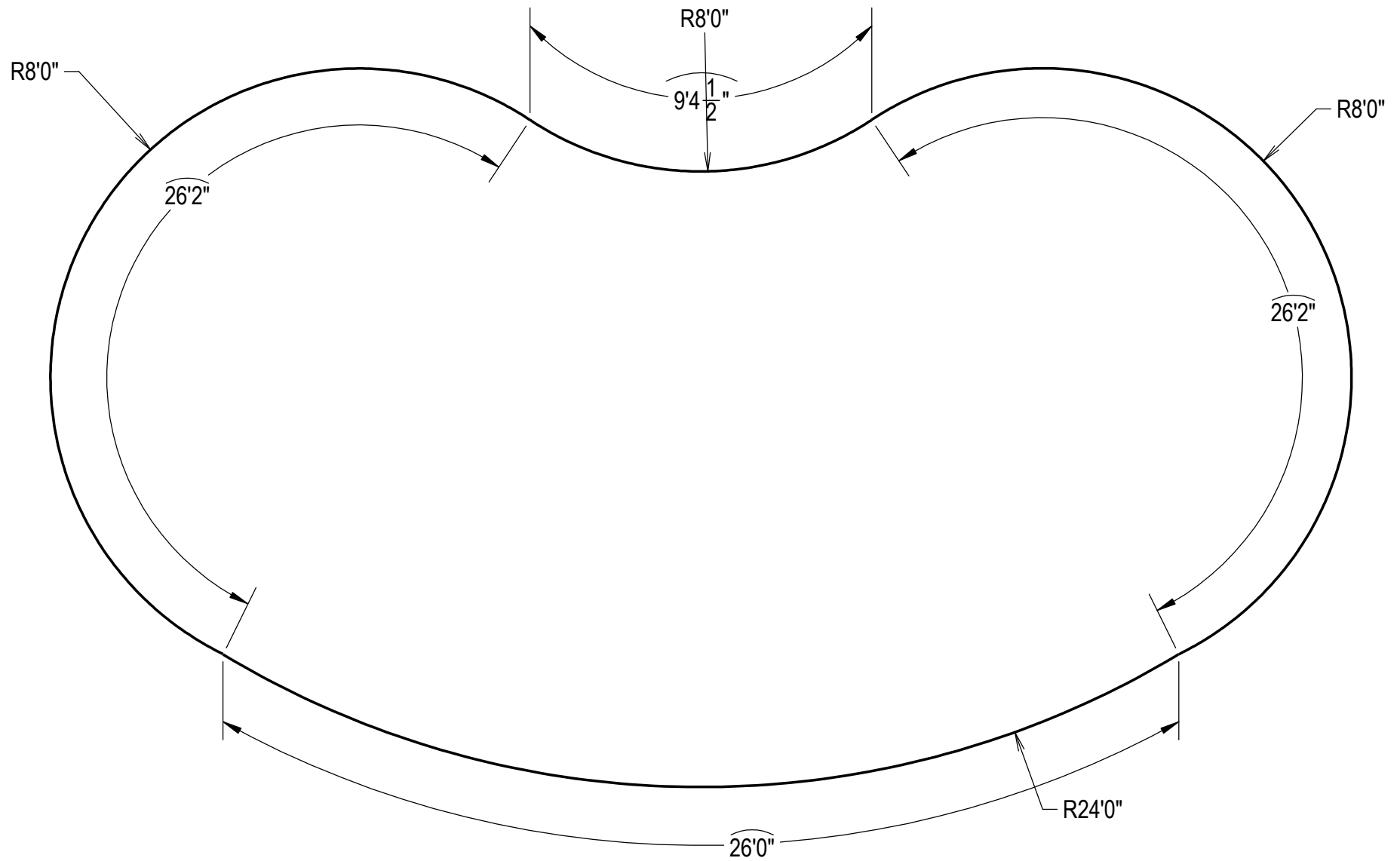
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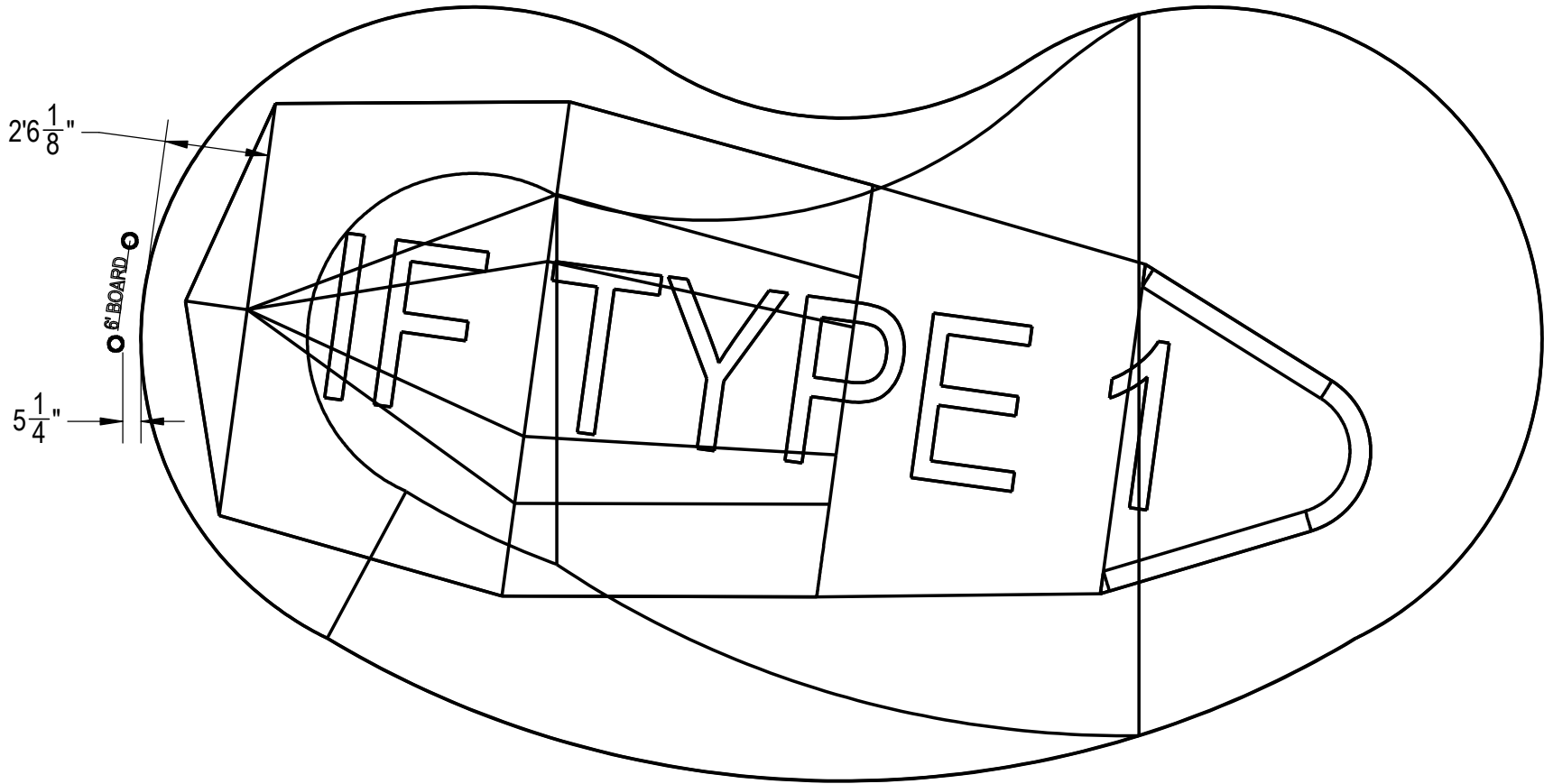
ENGINEERING DRAWING NUMBER: 00018202	WEIGHT:	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005 ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION	DESIGNED BY:	CREATION DATE:	HYDRA POOLS		
	lbs		BUMPHREY	8/2/2013			
	VOLUME:			DETAILED BY:	DETAILED DATE:	TITLE: LAYOUT, 16' X 33'-8", KIDNEY, BENT, RIGHT, 8' DEEP, HS103N, LIGHT, 1084, 3-INLETS, 600 SERIES	
	Inch ³			JRITTENHOUSE	4/5/2018		
	NA			LAST REVISED BY:	LAST REVISED DATE:		
COLOR:	rhouston	4/5/2018		SCALE: 1:128	SIZE: A		
HEAT TREAT:	NA	MATERIAL:	SHEET: 2 OF 5				
FINISH:	NA						
TEXTURE:	NA						



ENGINEERING DRAWING NUMBER: 00018202	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:	HYDRA POOLS	
	lbs		BUMPHREY	8/2/2013		
	VOLUME:		DETAILED BY:	DETAILED DATE:		
	Inch ³		JRITTENHOUSE	4/5/2018	TITLE:	LAYOUT, 16' X 33'-8", KIDNEY, BENT, RIGHT, 8' DEEP, HS103N, LIGHT, 1084, 3-INLETS, 600 SERIES
	COLOR:		LAST REVISED BY:	LAST REVISED DATE:	PART NUMBER:	00018202
	NA		rhouston	4/5/2018	SCALE:	
HEAT TREAT:	MATERIAL:		SHEET:	3 OF 5		
NA			SIZE:	A		
FINISH:						
TEXTURE:						
NA						



ENGINEERING DRAWING NUMBER: 00018202	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:	HYDRA POOLS			
	lbs		BUMPHREY	8/2/2013				
	VOLUME:		DESIGNED BY: JRITTENHOUSE LAST REVISED BY: rhouston MATERIAL:	DETAILED DATE:	TITLE: LAYOUT, 16' X 33'-8", KIDNEY, BENT, RIGHT, 8" DEEP, HS103N, LIGHT, 1084, 3-INLETS, 600 SERIES			
	Inch ³			4/5/2018				
	COLOR:			LAST REVISED DATE:			PART NUMBER: <div style="font-size: 2em; font-weight: bold; text-align: center;">00018202</div>	
	NA			4/5/2018				
HEAT TREAT:								
NA		SCALE:	SIZE:					
FINISH:		1:84	A					
TEXTURE:		SHEET:						
NA		4 OF 5						



ENGINEERING DRAWING NUMBER: 00018202	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:	HYDRA POOLS	
	lbs		BUMPHREY	8/2/2013		
	VOLUME:		DETAILED BY:	DETAILED DATE:		
	Inch ³		JRITTENHOUSE	4/5/2018	TITLE:	LAYOUT, 16' X 33'-8", KIDNEY, BENT, RIGHT, 8' DEEP, HS103N, LIGHT, 1084, 3-INLETS, 600 SERIES
	COLOR:		LAST REVISED BY:	LAST REVISED DATE:	PART NUMBER:	
	NA		rhouston	4/5/2018	00018202	SCALE:
HEAT TREAT:	MATERIAL:			1:84	A	
NA				SHEET:		
FINISH:				5 OF 5		
NA						
TEXTURE:						
NA						