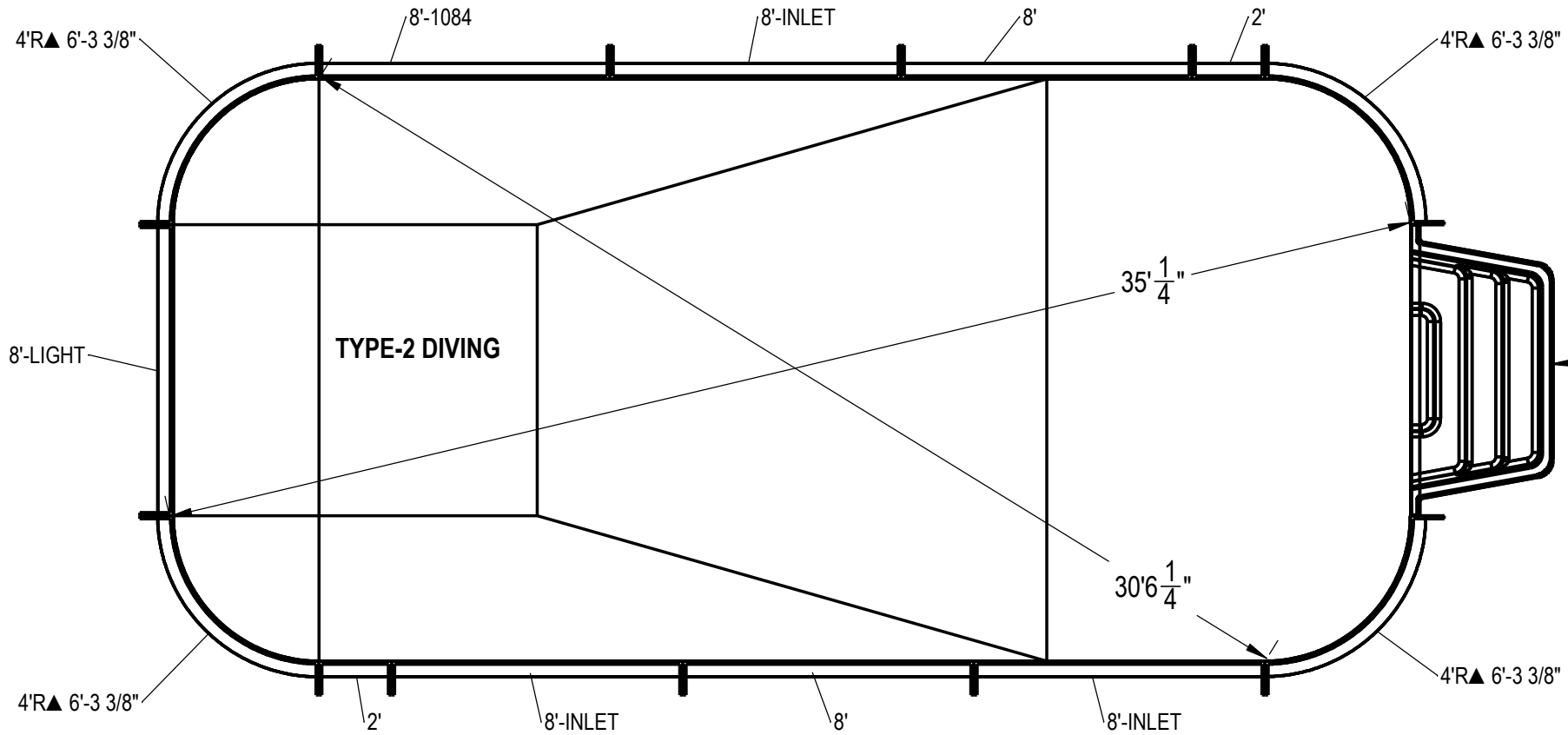


REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY



**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:**

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ITEM	FILE NAME	DESCRIPTION	CUSTOMER DRAWING #	VENDOR PART #	QTY.
1	PANEL, STRAIGHT	PANEL, 8' LONG, LIGHT, 700 SERIES	HPSE108L	00004962	1
2	PANEL, STRAIGHT	PANEL, 8' LONG, INLET, 700 SERIES	HPSE108I	00004969	3
3	PANEL, STRAIGHT	PANEL, 8' LONG, 1084, 700 SERIES	HPSE10884	00004966	1
4	PANEL, STRAIGHT	PANEL, 8' LONG, 700 SERIES	HPSE108P	00004961	2
5	PANEL, STRAIGHT	PANEL, 2' LONG, 700 SERIES	HPSE102P	00005483	2
6	PANEL, RADIUS	PANEL, 4' RADIUS, 6'-3 3/8" LONG, 700 SERIES	HPSE4R	00002458	4
7	HS110N	STEP, 8', TWIN SEAT, 4 TREAD	HS110N	HS110N	1
8	BOLT, PACK	BOLT, FLANGE, 3/8-16 X 1", PACK (50)	HPS1916	HPS1916	4
9	SBRACE	BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB	HPSFOB	HPSFOB	14

ENGINEERING DRAWING NUMBER: <b>00018097</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
	lbs	
	VOLUME:	
	Inch <sup>3</sup>	
	COLOR:	
	HEAT TREAT:	
	FINISH:	
TEXTURE:		

DESIGNED BY: <b>BUMPHREY</b>	CREATION DATE: <b>4/9/2013</b>
DETAILED BY: <b>JRITTENHOUSE</b>	DETAILED DATE: <b>4/3/2018</b>
LAST REVISED BY: <b>rhouston</b>	LAST REVISED DATE: <b>4/3/2018</b>
MATERIAL:	

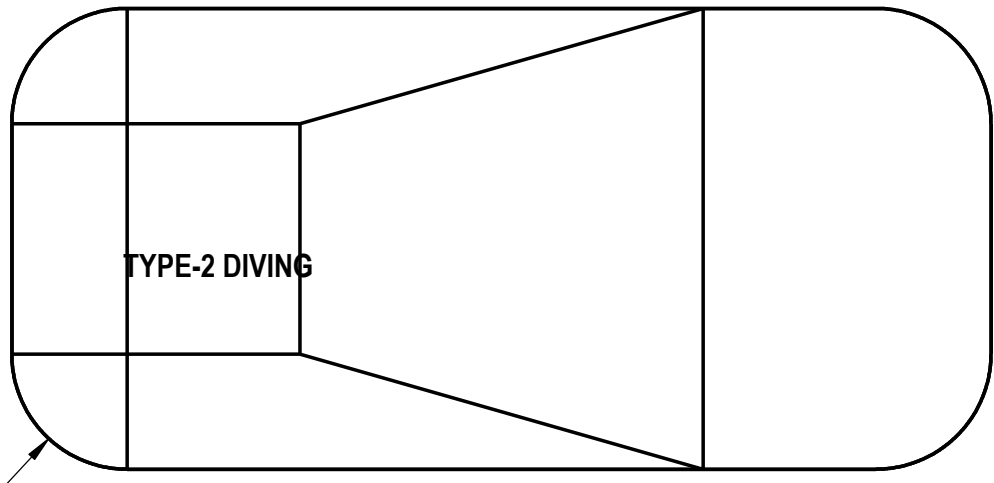
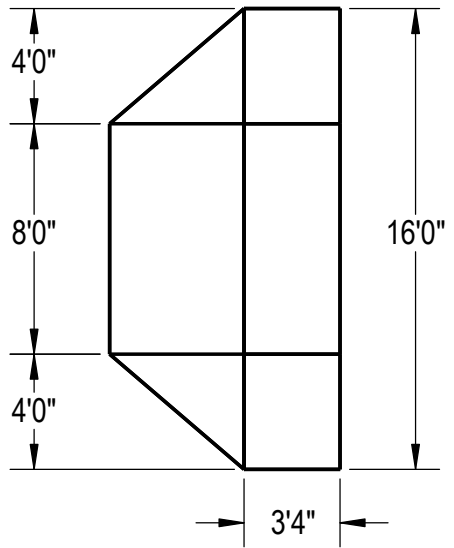
**HYDRA POOLS**

TITLE: **LAYOUT, 16' X 34', RECTANGLE, 4' RADIUS, 8' DEEP, HS110N, LIGHT, 1084, 3-INLET, 700 SERIES**

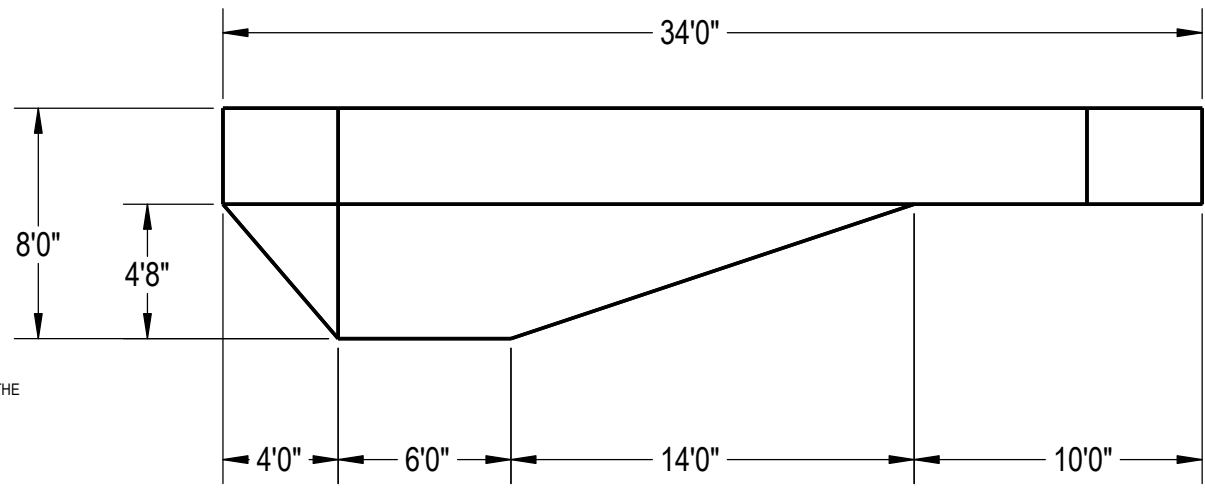
PART NUMBER: **00018097**

SCALE: 1:128  
SHEET: 1 OF 4

SIZE: **A**



**Area: 530.27ft ^2**  
**Perimeter: 93.13ft**  
**Volume = 19845 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/APSP/ICC REGULATIONS
4. HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.

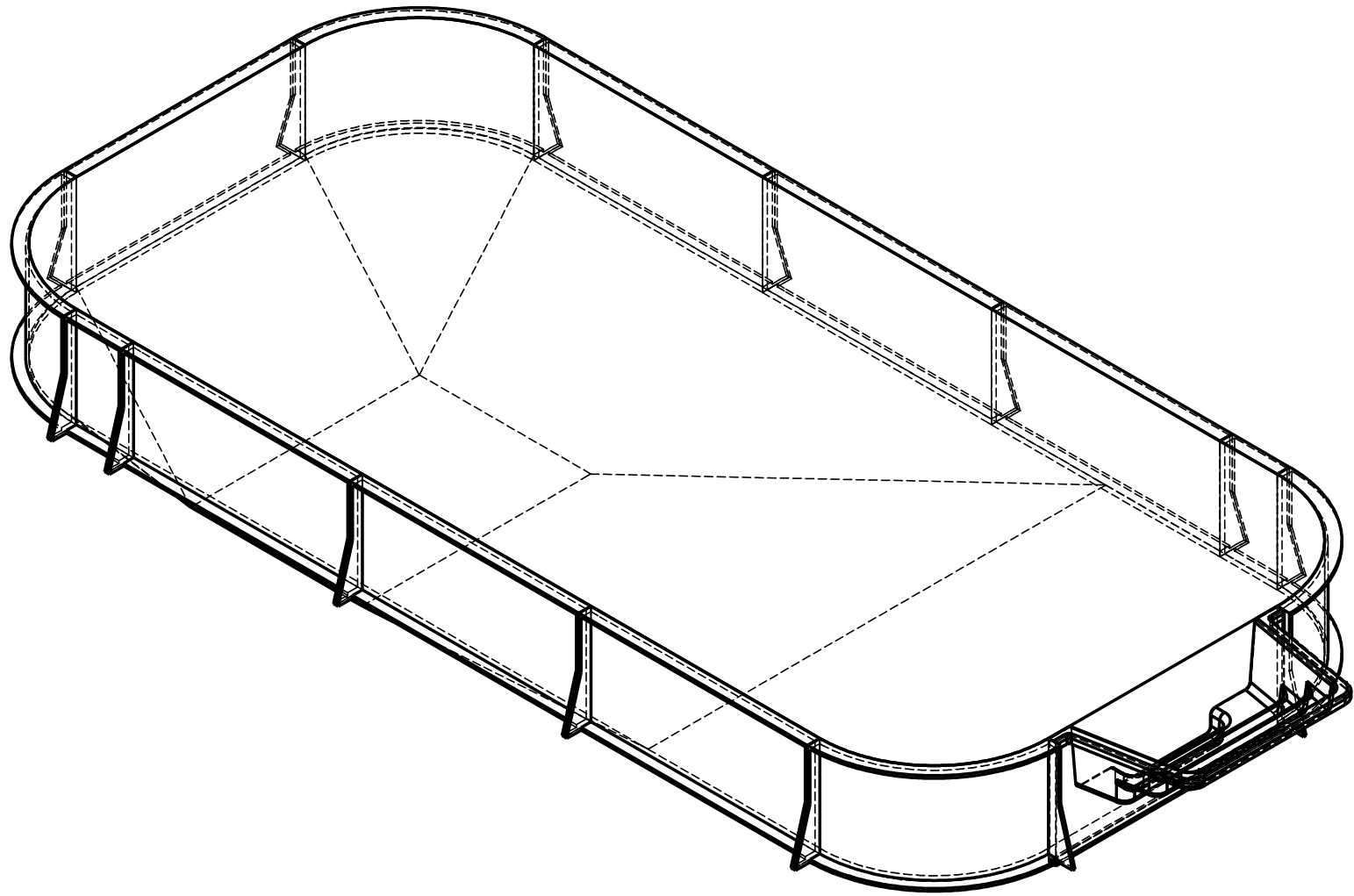
**EXCAVATION NOTES:**

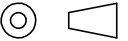
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
9. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
10. BACK FILL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

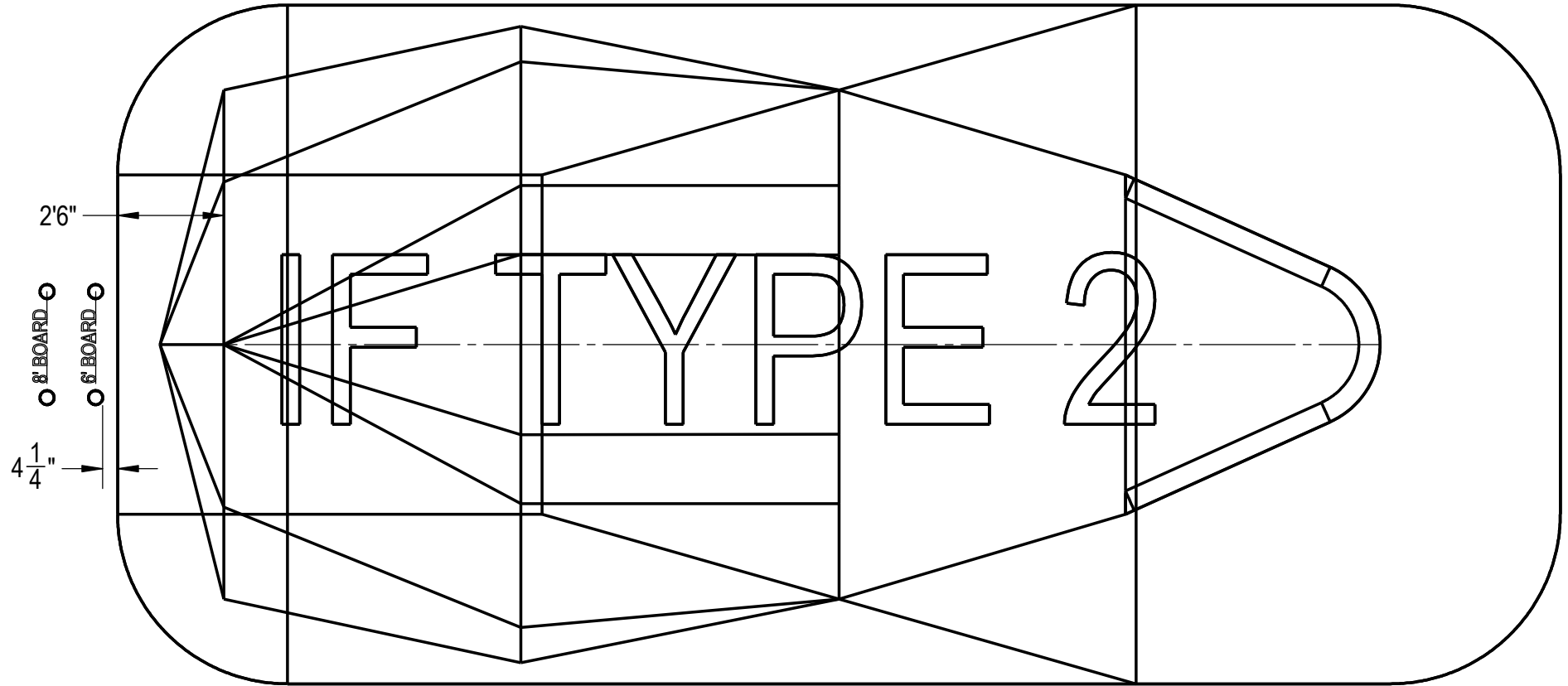
**IMPORTANT NOTES:**

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ENGINEERING DRAWING NUMBER: <b>00018097</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:		BUMPHREY	4/9/2013			
	Inch <sup>3</sup>		DETAILED BY:	J. RITTENHOUSE	DETAILED DATE:	TITLE: <b>LAYOUT, 16' X 34', RECTANGLE, 4' RADIUS, 8' DEEP, HS110N, LIGHT, 1084, 3-INLET, 700 SERIES</b>	
	COLOR:		LAST REVISED BY:	rhouston	4/3/2018		
NA	HEAT TREAT:		MATERIAL:	PART NUMBER:		SCALE:	SIZE:
NA	FINISH:			<b>00018097</b>		1:128	A
NA	TEXTURE:					SHEET:	
NA						2 OF 4	



ENGINEERING DRAWING NUMBER: <b>00018097</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>BUMPHREY</b>	<b>4/9/2013</b>		
	VOLUME:		DETAILED BY:	DETAILED DATE:	TITLE: <b>LAYOUT, 16' X 34', RECTANGLE, 4' RADIUS, 8' DEEP,                  HS110N, LIGHT, 1084, 3-INLET, 700 SERIES</b>	
	Inch <sup>3</sup>		<b>JRITTENHOUSE</b>	<b>4/3/2018</b>		
	COLOR:		LAST REVISED BY:	LAST REVISED DATE:	PART NUMBER: <b>00018097</b>	
	HEAT TREAT:		<b>rhouston</b>	<b>4/3/2018</b>		
FINISH:	MATERIAL:		<b>1:65</b>	<b>A</b>		
TEXTURE:			SHEET:			
			<b>3 OF 4</b>			



ENGINEERING DRAWING NUMBER: <b>00018097</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>  LAYOUT, 16' X 34', RECTANGLE, 4' RADIUS, 8' DEEP, HS110N, LIGHT, 1084, 3-INLET, 700 SERIES		
	lbs		<b>BUMPHREY</b>	<b>4/9/2013</b>			
	VOLUME:		DETAILED BY:	DETAILED DATE:			
	Inch <sup>3</sup>		<b>JRITTENHOUSE</b>	<b>4/3/2018</b>			
	COLOR:		LAST REVISED BY:	LAST REVISED DATE:	PART NUMBER:	SCALE:	SIZE:
	HEAT TREAT:		<b>rhouston</b>	<b>4/3/2018</b>	<b>00018097</b>	<b>1:65</b>	<b>A</b>
FINISH:	MATERIAL:			SHEET:			
TEXTURE:				<b>4 OF 4</b>			