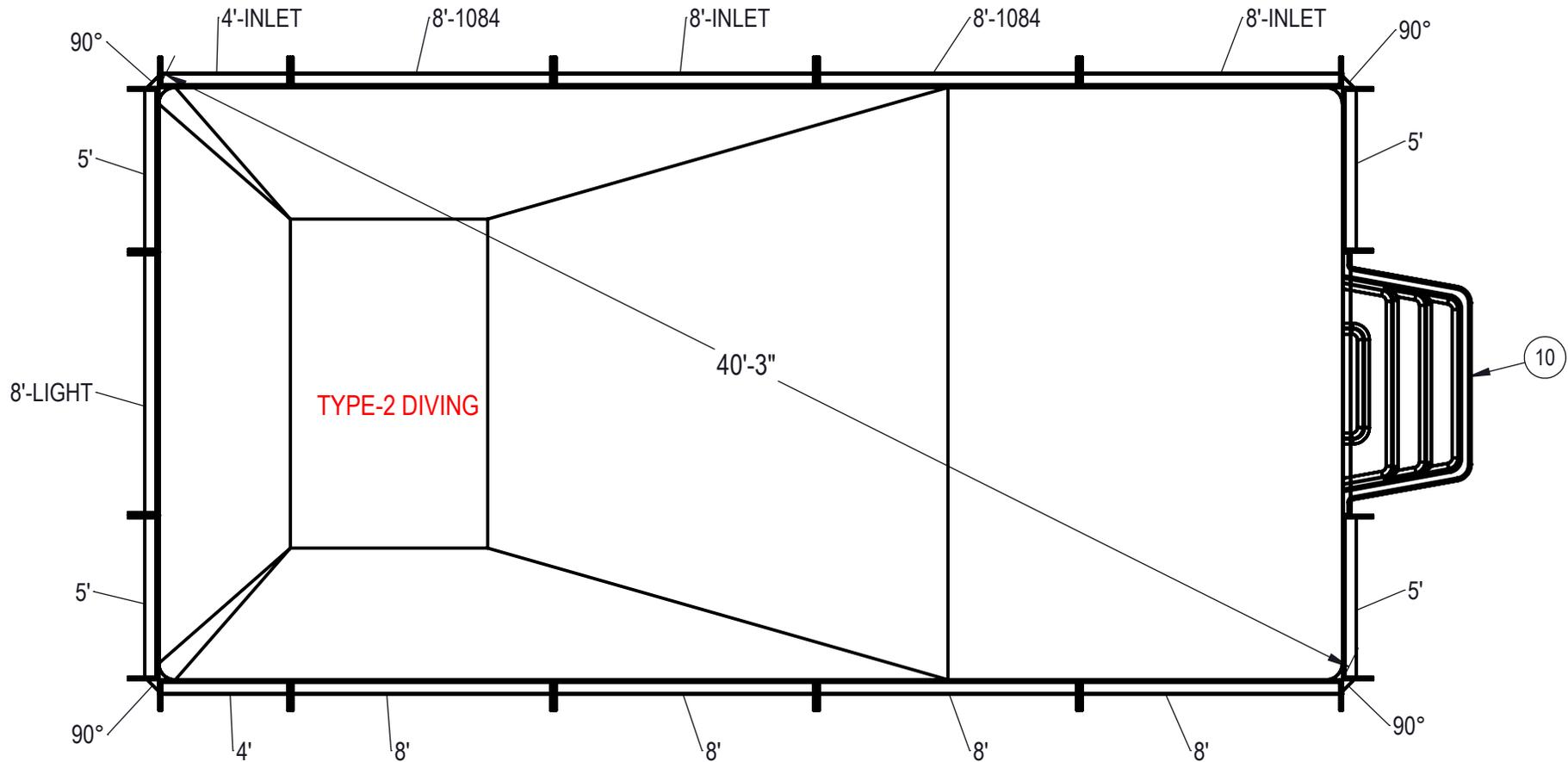


REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY



**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:**

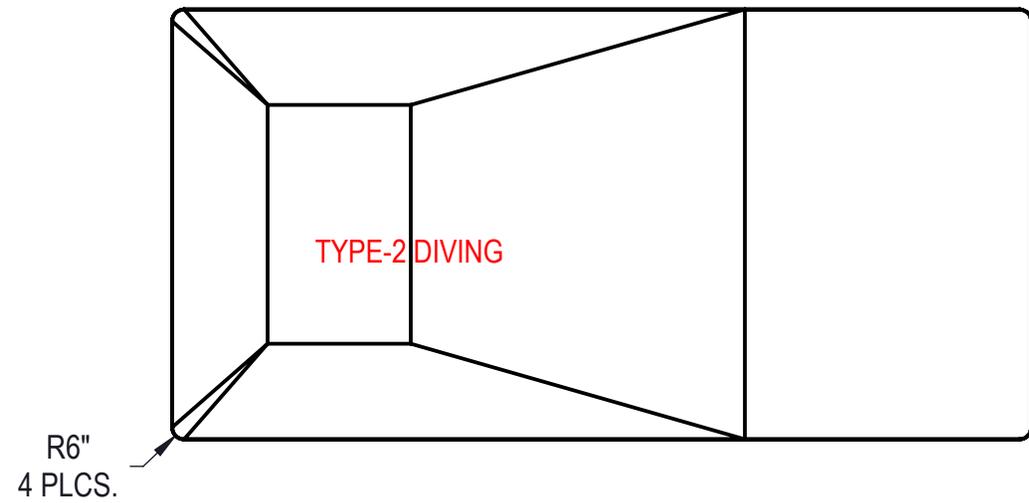
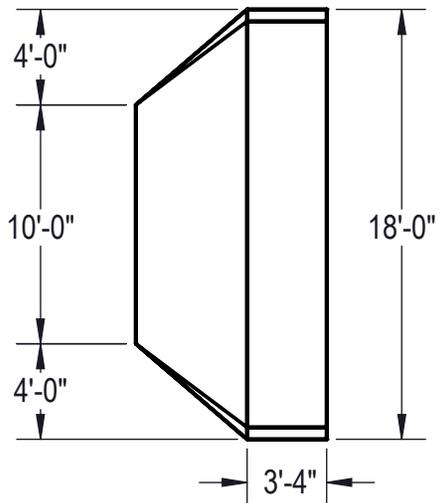
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ITEM	FILE NAME	DESCRIPTION	CUSTOMER DRAWING #	VENDOR PART #	QTY.
1	BOLT, PACK	BOLT, FLANGE, 3/8-16 X 1", PACK (50)	HPS1916	HPS1916	5
2	SBRACE	BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB	HPSFOB	HPSFOB	20
3	PANEL, STRAIGHT	PANEL, 4' LONG, 700 SERIES	HPSE104P	00002723	1
4	PANEL, STRAIGHT	PANEL, 4' LONG, INLET, 700 SERIES	HPSE104I	00006739	1
5	PANEL, STRAIGHT	PANEL, 5' LONG, 700 SERIES	HPSE105P	00002742	4
6	PANEL, STRAIGHT	PANEL, 8' LONG, 1084, 700 SERIES	HPSE10884	00004966	2
7	PANEL, STRAIGHT	PANEL, 8' LONG, 700 SERIES	HPSE108P	00004961	4
8	PANEL, STRAIGHT	PANEL, 8' LONG, INLET, 700 SERIES	HPSE108I	00004969	2
9	PANEL, STRAIGHT	PANEL, 8' LONG, LIGHT, 700 SERIES	HPSE108L	00004962	1
10	HS110N	STEP, 8', TWIN SEAT, 4 TREAD	HS110N	HS110N	1
11	PANEL, WEDGE	WEDGE, 2 1/2" X 2 1/2" X 90°	HPSD6CA	00003541	4

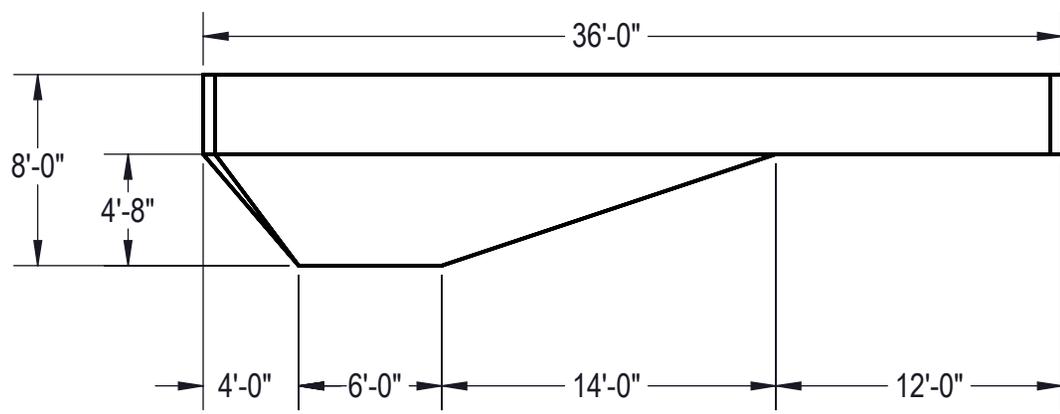
ENGINEERING DRAWING NUMBER: <b>00016973</b>	WEIGHT: 369599.7 lbs	<b>UNLESS OTHERWISE SPECIFIED</b> DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005  ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION
	VOLUME: Inch <sup>3</sup>	
	COLOR:	
	HEAT TREAT:	
	FINISH:	
	TEXTURE:	

DESIGNED BY: <b>BUMPHREY</b>	CREATION DATE: 4/2/2013
DETAILED BY: <b>BUMPHREY</b>	DETAILED DATE: 12/15/2017
LAST REVISED BY: <b>bumphrey</b>	LAST REVISED DATE: 12/15/2017
MATERIAL:	

<b>HYDRA POOLS</b>	
TITLE: LAYOUT, 18' X 36' RECTANGLE, 6" RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES	
PART NUMBER: <b>00016973</b>	SCALE: 1:64 SHEET: 1 OF 4 SIZE: <b>A</b>



**Area: 647.79ft ^2**  
**Perimeter: 107.14ft**  
**Volume = 23901 US gallons**



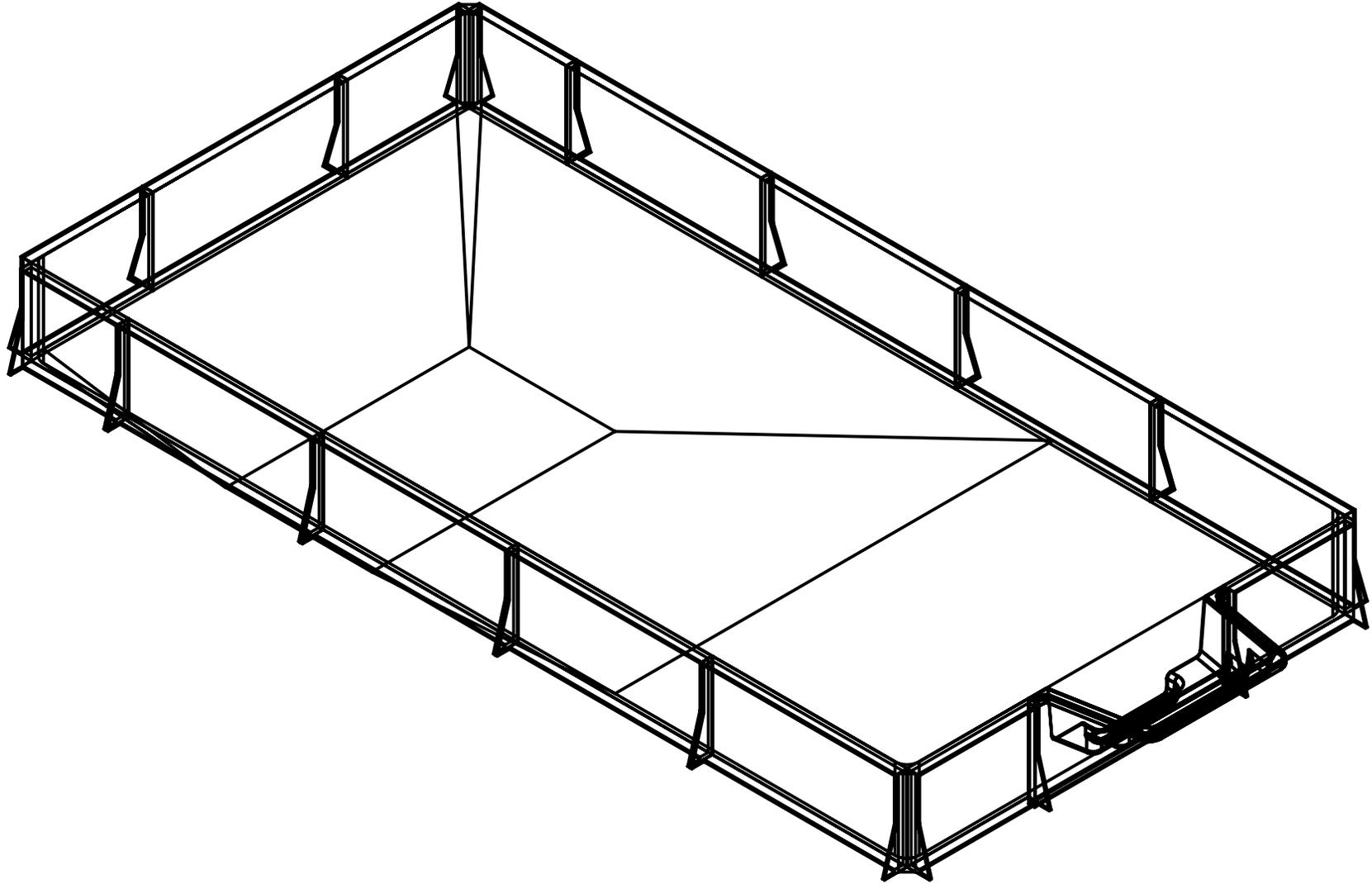
- NOTES:**
1. THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
  2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
  3. ROPE AND FLOAT ASSEMBLY SHOULD BE INSTALLED IN ACCORDANCE WITH CURRENT ANSI/ASPS/ICC REGULATIONS
  4. HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE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

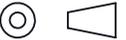
- EXCAVATION NOTES:**
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
  6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
  7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
  8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
  9. FILL VOIDS UNDER BASE OF PANELS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

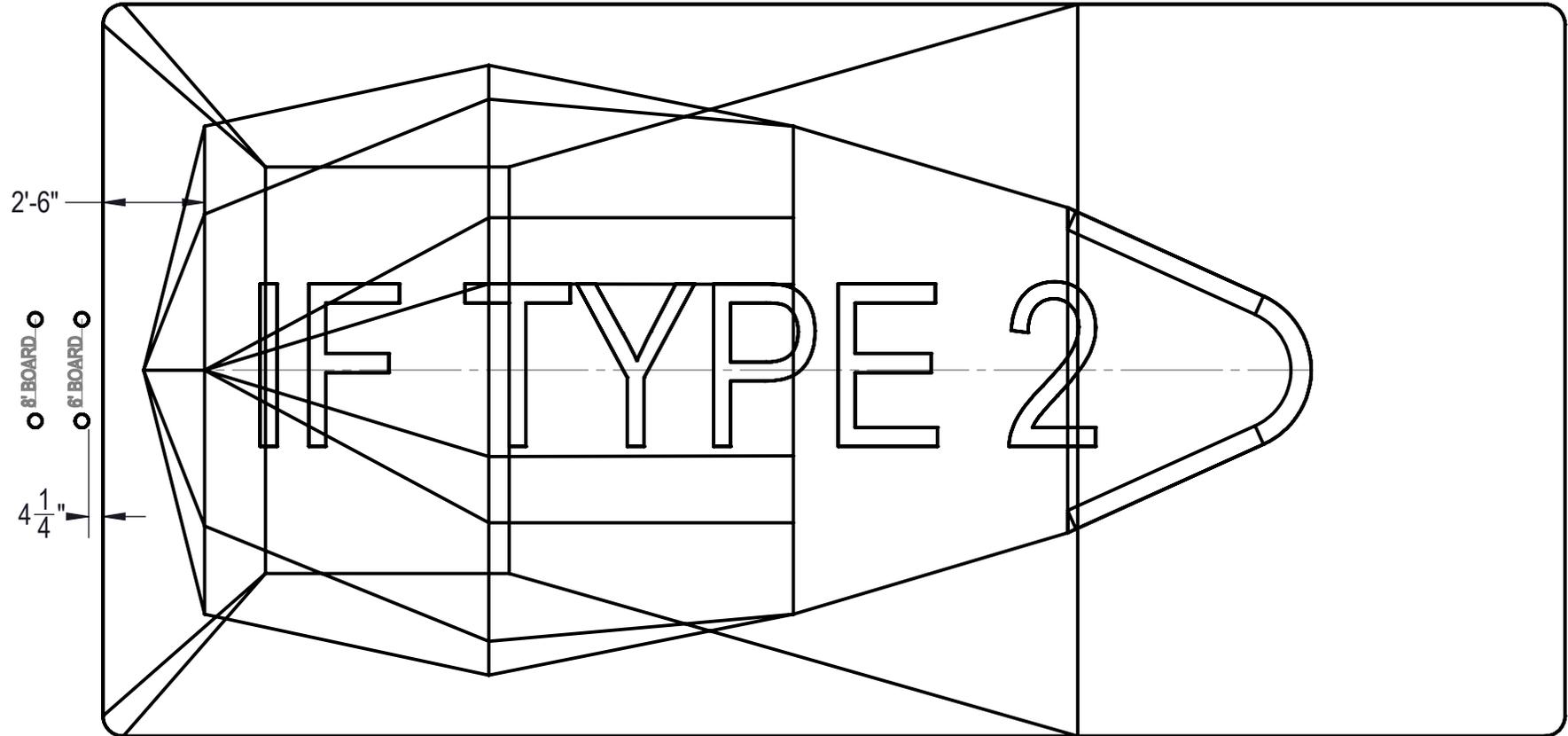
**IMPORTANT NOTES:**

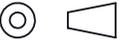
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ENGINEERING DRAWING NUMBER: <b>00016973</b>	WEIGHT: 257309.378 lbs	<b>UNLESS OTHERWISE SPECIFIED</b> DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005  ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION 	DESIGNED BY: BUMPHREY	CREATION DATE: 4/2/2013	<b>HYDRA POOLS</b>	
	VOLUME: 5521163.630 Inch <sup>3</sup>		DETAILED BY: BUMPHREY	DETAILED DATE: 12/15/2017		
	COLOR: NA		LAST REVISED BY: bumphrey	LAST REVISED DATE: 12/15/2017	TITLE: LAYOUT, 18' X 36' RECTANGLE, 6" RADIUS, 8" DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES	
	HEAT TREAT: NA		MATERIAL: PVC	PART NUMBER: <b>00016973</b>		
FINISH: NA					SHEET: 2 OF 4	
TEXTURE: NA						



ENGINEERING DRAWING NUMBER: <b>00016973</b>	WEIGHT: 369599.7 lbs	<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: BUMPHREY	CREATION DATE: 4/2/2013	<b>HYDRA POOLS</b>	
	VOLUME: Inch <sup>3</sup>		DETAILED BY: BUMPHREY	DETAILED DATE: 12/15/2017		
	COLOR:		LAST REVISED BY: bumphrey	LAST REVISED DATE: 12/15/2017		
	HEAT TREAT:		MATERIAL:		TITLE:	LAYOUT, 18' X 36' RECTANGLE, 6" RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES
	FINISH:				PART NUMBER:	<b>00016973</b>
	TEXTURE:				SCALE:	1:64
			SHEET:	3 OF 4		
			SIZE:	<b>A</b>		



ENGINEERING DRAWING NUMBER: <b>00016973</b>	WEIGHT: 369599.7 lbs	<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: BUMPHREY	CREATION DATE: 4/2/2013	HYDRA POOLS  TITLE: LAYOUT, 18' X 36' RECTANGLE, 6" RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES		
	VOLUME: Inch <sup>3</sup>		DETAILED BY: BUMPHREY	DETAILED DATE: 12/15/2017			
	COLOR:		LAST REVISED BY: bumphrey	LAST REVISED DATE: 12/15/2017			
	HEAT TREAT:		MATERIAL:		PART NUMBER:	SCALE: 1:64	00016973 SHEET: 4 OF 4 <b>A</b>
	FINISH:						
	TEXTURE:						