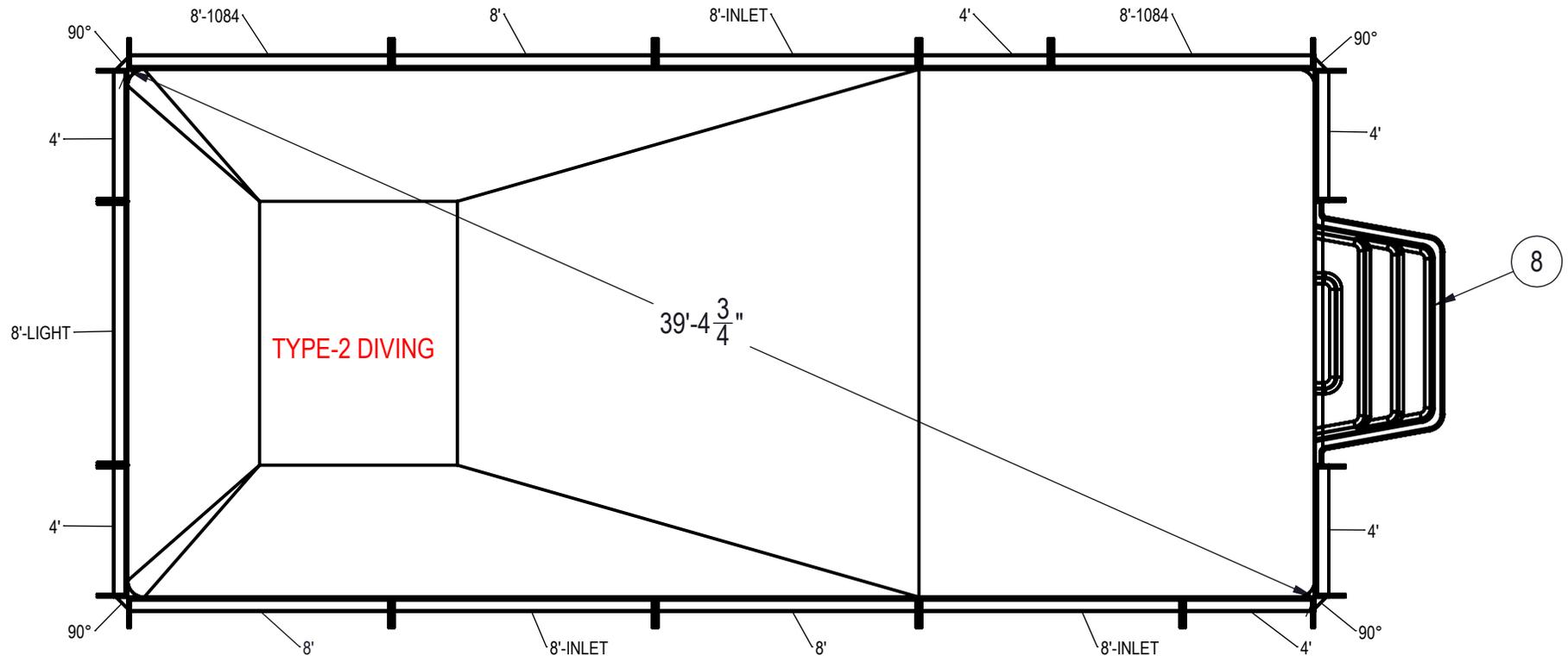


REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY



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 ANSI/ASPS/ICC-5 2011 17.2.
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. ANSI / APSP / ICC-5 FOR RESIDENTIAL POOLS, 2003-2007 BOCA CODE SECTION 421.

IMPORTANT NOTES:

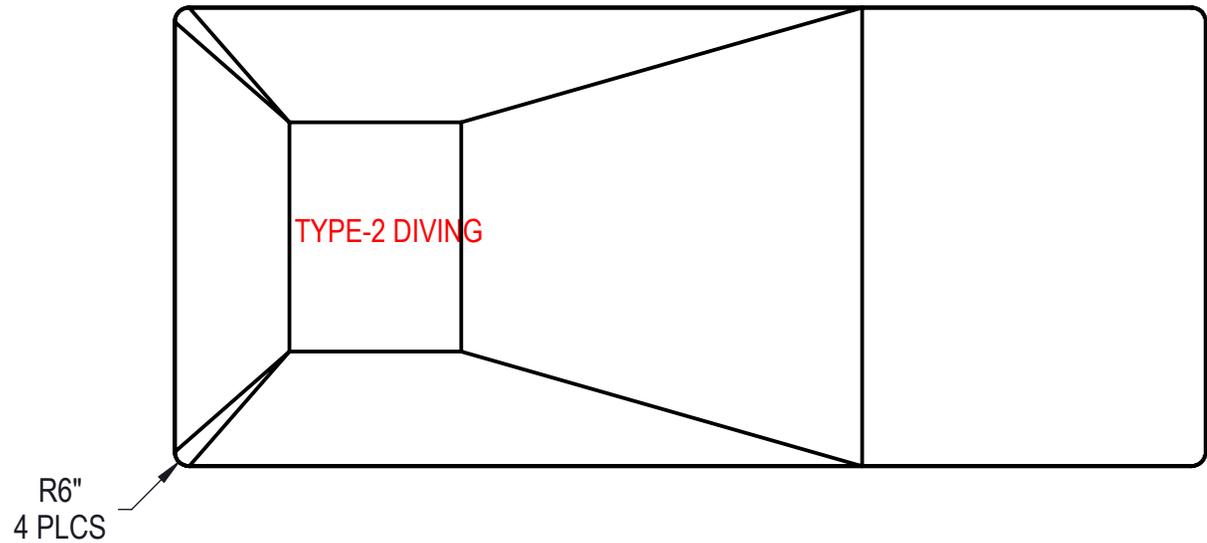
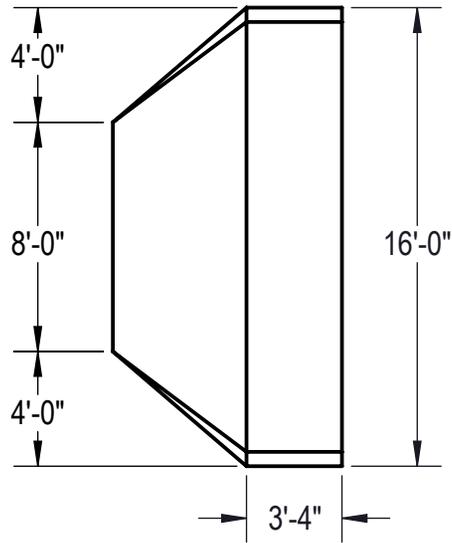
THIS DOCUMENT IS FOR ILLUSTRATIVE PURPOSES ONLY. THE DEALER OR CONTRACTOR WHO SELLS OR INSTALLS YOUR POOL IS AN INDEPENDENT CONTRACTOR AND IS NOT AN AGENT OF THE MANUFACTURER. THE CONSTRUCTION METHODS ILLUSTRATED HERE ARE SUGGESTIONS AND APPLY ONLY TO NORMAL GROUND CONDITIONS. THERE MAY BE ADDITIONAL 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	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	6
4	PANEL, STRAIGHT	PANEL, 8' LONG, 1084, 700 SERIES	HPSE1088A	00004966	2
5	PANEL, STRAIGHT	PANEL, 8' LONG, 700 SERIES	HPSE108P	00004961	3
6	PANEL, STRAIGHT	PANEL, 8' LONG, INLET, 700 SERIES	HPSE108I	00004969	3
7	PANEL, STRAIGHT	PANEL, 8' LONG, LIGHT, 700 SERIES	HPSE108L	00004962	1
8	HS110N	STEP, 8", TWIN SEAT, 4 TREAD	HS110N	HS110N	1
9	PANEL, WEDGE	WEDGE, 2 1/2" X 2 1/2" X 90°	HPSD6CA	00003541	4

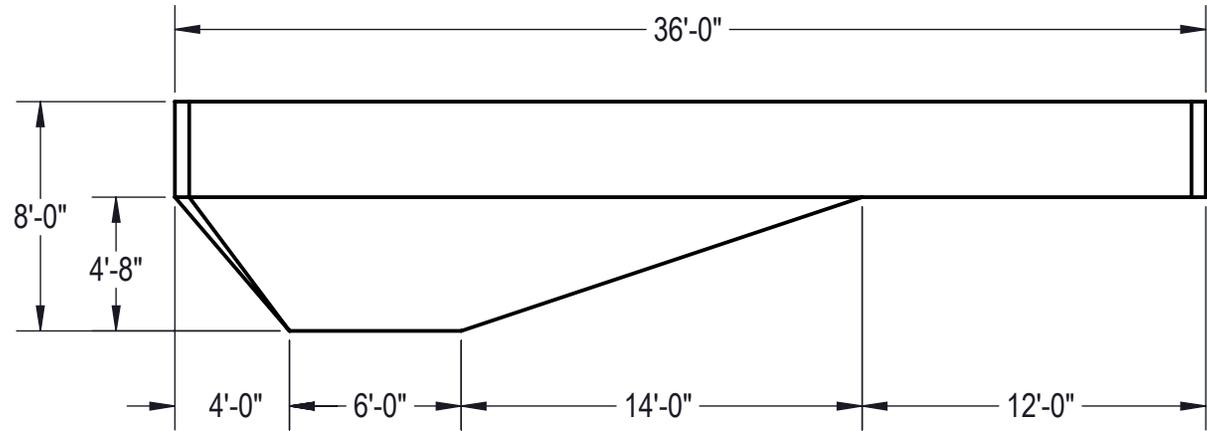
ENGINEERING DRAWING NUMBER: 00016972	WEIGHT:	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005 ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION
	VOLUME:	
	COLOR:	
	HEAT TREAT:	
	FINISH:	
	TEXTURE:	

DESIGNED BY: BUMPHREY	CREATION DATE: 5/14/2013
DETAILED BY: BUMPHREY	DETAILED DATE: 12/15/2017
LAST REVISED BY: bumphrey	LAST REVISED DATE: 12/15/2017
MATERIAL:	

HYDRA POOLS	
TITLE: LAYOUT, 16' X 36', RECTANGLE, 6" RADIUS, 8" DEEP, HS110N, LIGHT, 3-INLETS, 2-1084, 700 SERIES	
PART NUMBER: 00016972	SCALE: 1:60 SHEET: 1 OF 4 SIZE: A



Area: 575.79ft ^2
Perimeter: 103.14ft
Volume = 21059 US gallons



NOTES:

1. THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
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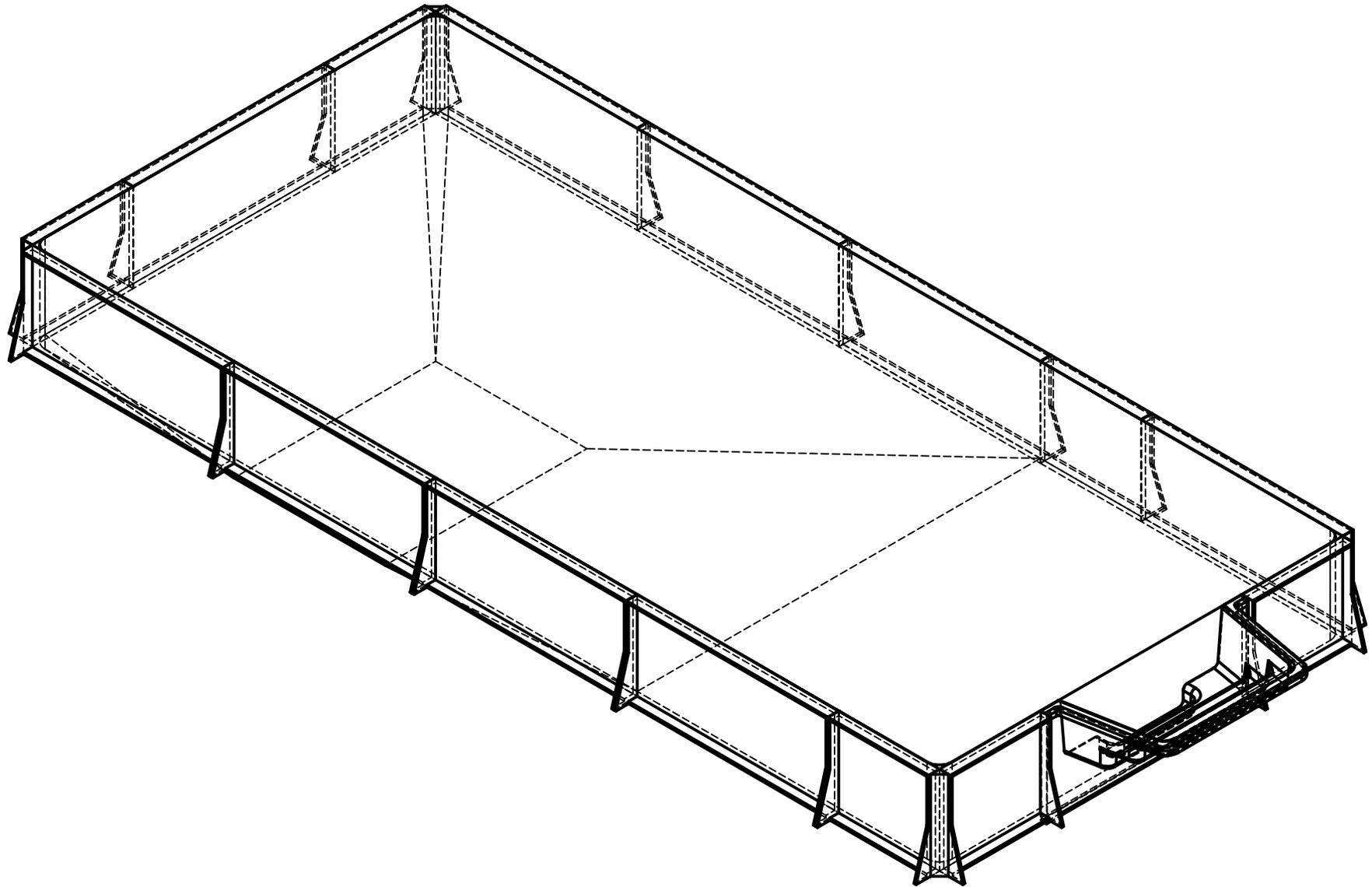
EXCAVATION NOTES:

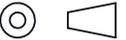
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
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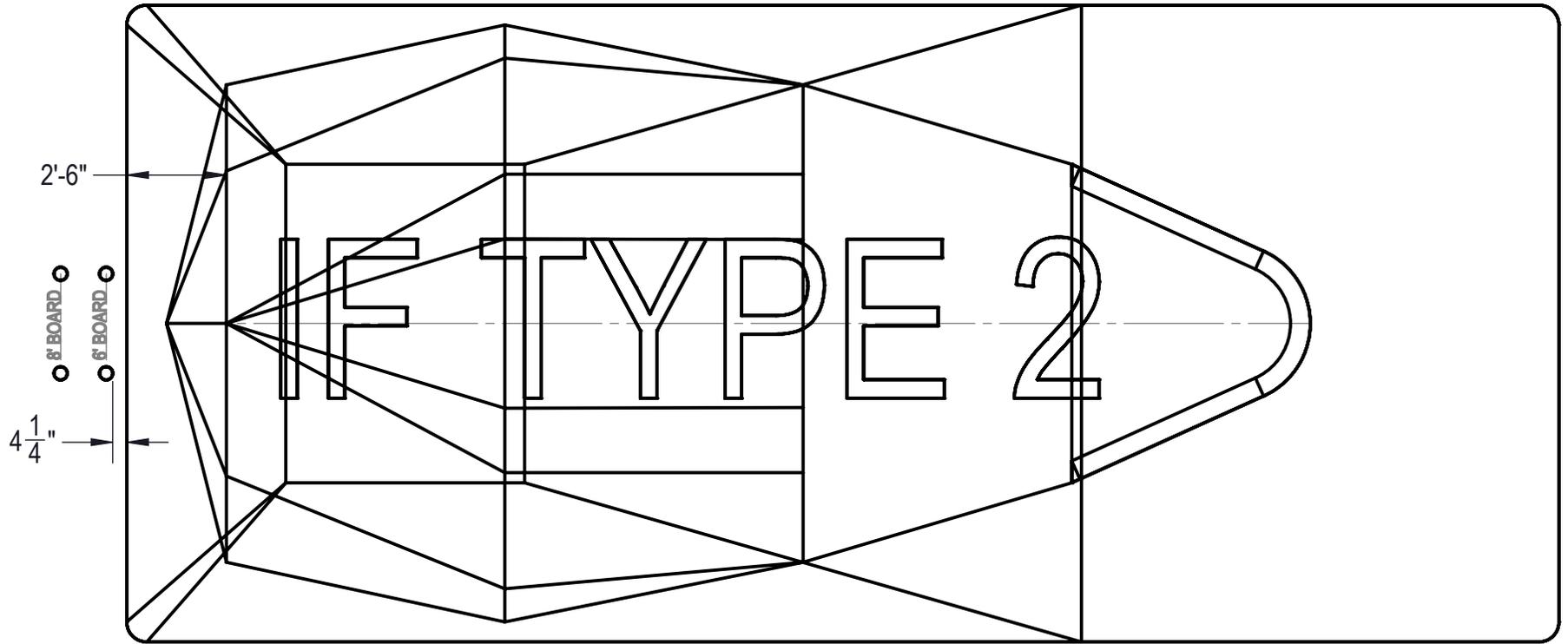
IMPORTANT NOTES:

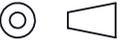
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ENGINEERING DRAWING NUMBER: 00016972	WEIGHT:	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005 ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION	DESIGNED BY:	CREATION DATE:	HYDRA POOLS	
	lbs		BUMPHREY	5/14/2013		
	VOLUME:		Detailed BY:	DETAILED DATE:		
	Inch ³		BUMPHREY	12/15/2017		
	COLOR:		LAST REVISED BY:	LAST REVISED DATE:		
NA	bumphrey	12/15/2017	TITLE:	LAYOUT, 16' X 36', RECTANGLE, 6" RADIUS, 8" DEEP, HS110N, LIGHT, 3-INLETS, 2-1084, 700 SERIES		
HEAT TREAT:	MATERIAL:		PART NUMBER:	00016972	SCALE:	SIZE:
NA					1:128	A
FINISH:					SHEET:	
NA					2 OF 4	
TEXTURE:						
NA						



ENGINEERING DRAWING NUMBER: 00016972	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	5/14/2013		
	VOLUME:		DETAILED BY:	DETAILED DATE:		
	Inch ³		BUMPHREY	12/15/2017	TITLE:	LAYOUT, 16' X 36', RECTANGLE, 6" RADIUS, 8" DEEP, HS110N, LIGHT, 3-INLETS, 2-1084, 700 SERIES
	COLOR:		LAST REVISED BY:	LAST REVISED DATE:	PART NUMBER:	00016972
	NA		bumphrey	12/15/2017	SCALE:	
HEAT TREAT:	MATERIAL:		SHEET:	3 OF 4		
NA			SIZE:	A		
FINISH:						
NA						
TEXTURE:						
NA						



ENGINEERING DRAWING NUMBER: 00016972	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	5/14/2013		
	VOLUME:		DETAILED BY:	DETAILED DATE:		
	Inch ³		BUMPHREY	12/15/2017	TITLE:	LAYOUT, 16' X 36', RECTANGLE, 6" RADIUS, 8" DEEP, HS110N, LIGHT, 3-INLETS, 2-1084, 700 SERIES
	COLOR:		LAST REVISED BY:	LAST REVISED DATE:	PART NUMBER:	00016972
	NA		bumphrey	12/15/2017	SCALE:	
HEAT TREAT:	MATERIAL:		SHEET:	4 OF 4		
NA			SIZE:	A		
FINISH:						
NA						
TEXTURE:						
NA						