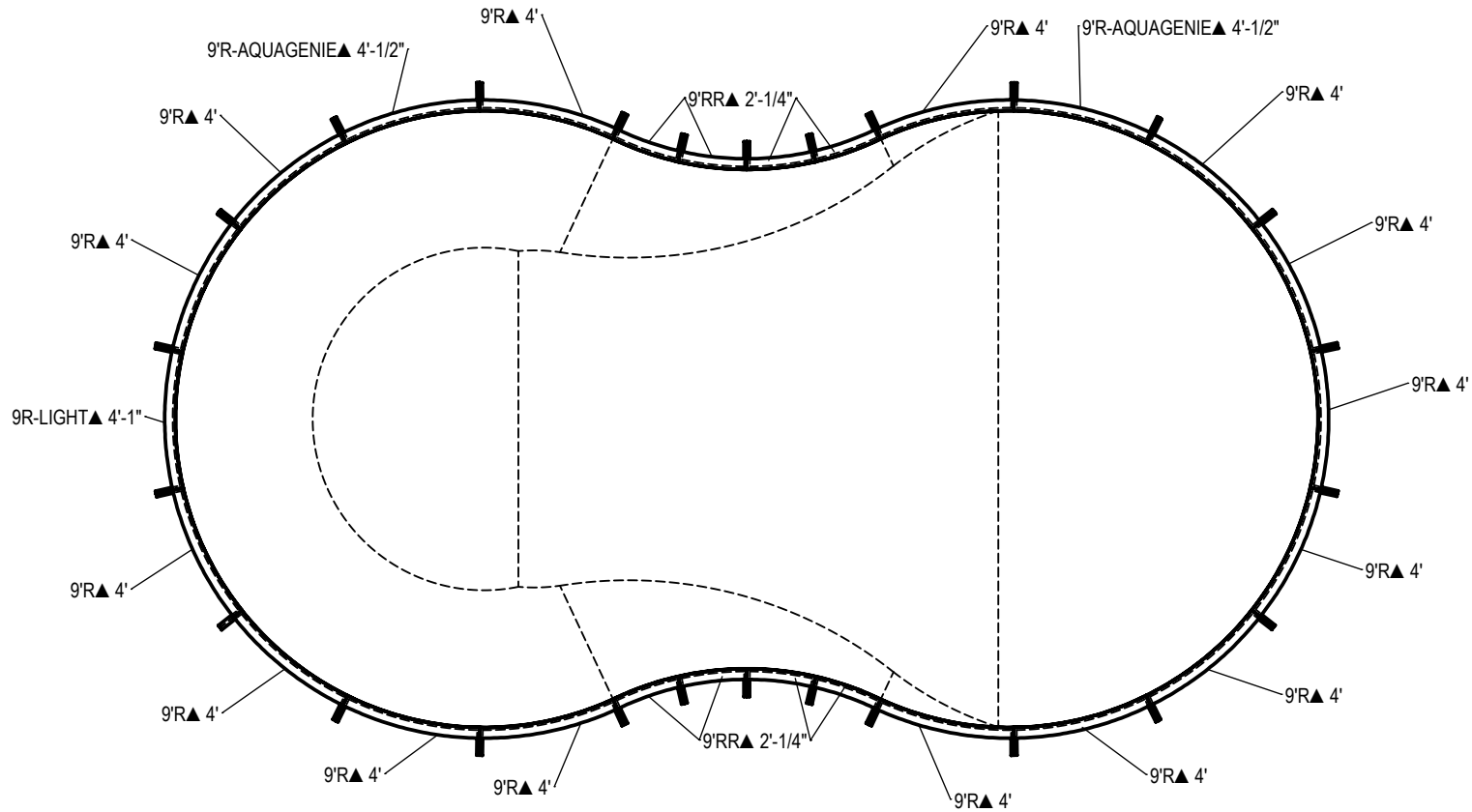


REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY
A	RELEASED FOR PRODUCTION	11/22/2013	NONE	RCOLBOCH
B	UPDATED TAG DATA TO INCLUDE COPING LENGTHS.	1/9/2015	391702	JBOSSERDET



**NOTES:**

- THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
- DIMENSIONS ARE FROM INSIDE POOL PANELS.
- THE IDEAL WATER LEVEL SHOULD BE TO THE MIDDLE OF THE SKIMMER OPENING(S).

**EXCAVATION NOTES:**

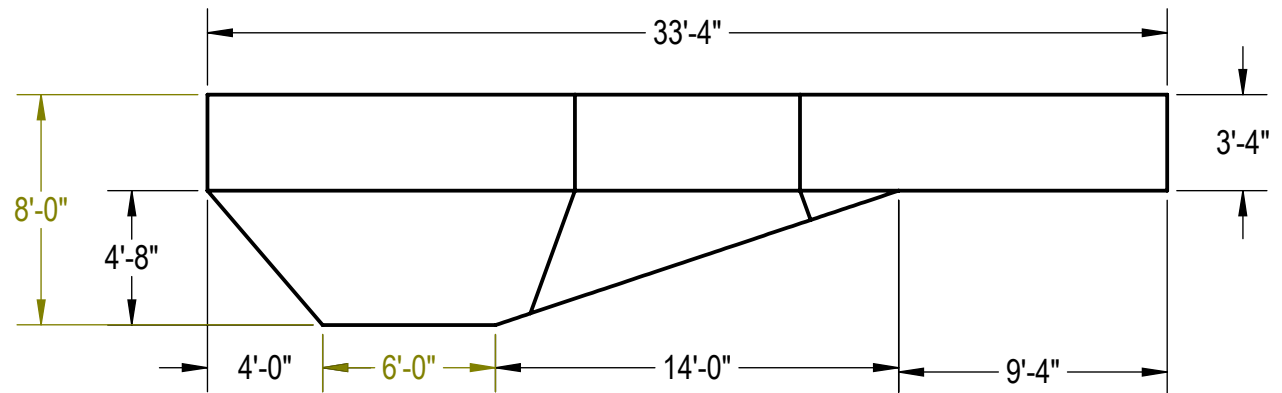
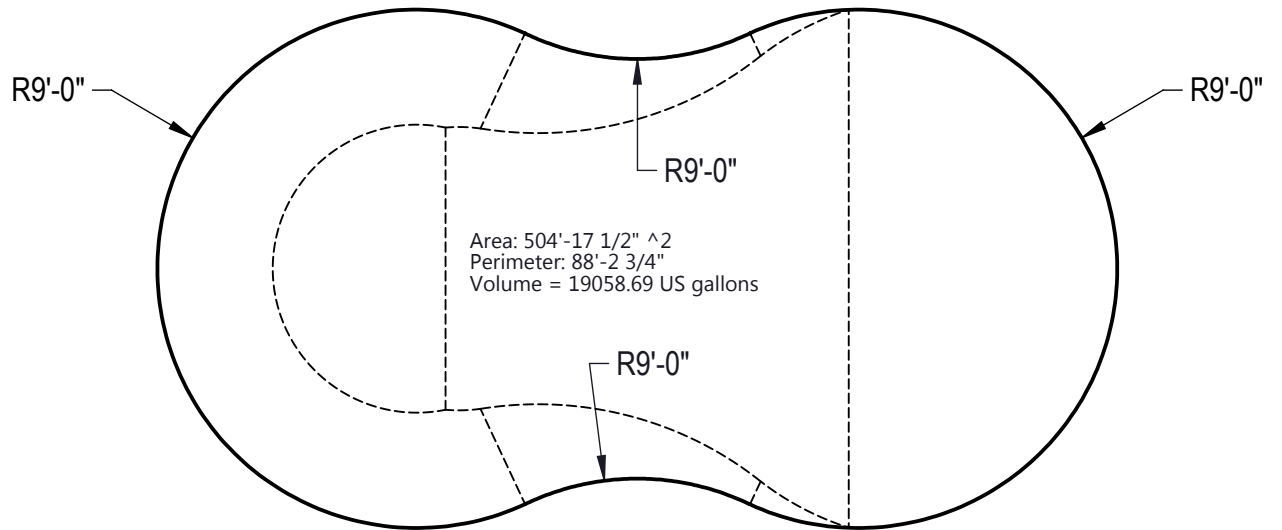
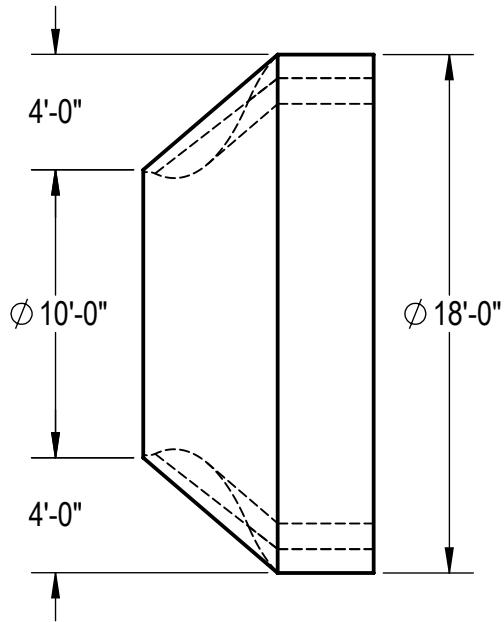
- ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
- SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
- LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
- SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
- FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
- BACK FILL WITH NON-EXPANSIVE MATERIAL.
- 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.	VENDOR NAME	MATERIAL
1	BRACE	BRACE, 4 TAB, HYDRA - 100 SERIES	HP199	HP199	26	HYDRA POOLS	PS
2	PANEL, 9' RADIUS WITH AQUAGENIE	PANEL, 9' RADIUS WITH AQUAGENIE - 100 SERIES	HP159A	HP159A	2	HYDRA POOLS	PS
3	PANEL, 9' RADIUS WITH LIGHT	PANEL, 9' RADIUS WITH LIGHT - 100 SERIES	HP159LL	HP159LL	1	HYDRA POOLS	PS
4	PANEL, 9' RADIUS, 4' LONG	PANEL, 9' RADIUS, 4' LONG - 100 SERIES	HP159	HP159	15	HYDRA POOLS	PS
5	PANEL, 9' REVERSE RADIUS	PANEL, 9' REVERSE RADIUS - 100 SERIES	HP119N	HP119N	8	HYDRA POOLS	PS

ENGINEERING DRAWING NUMBER: <b>00004639</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>  <b>LAYOUT, 18' X 33'-4", FIGURE 8, 8' DEEP, 100 SERIES</b>		
	VOLUME:		RCOLBOCH	11/22/2013			
	Inch <sup>3</sup>		DETAILED BY:	10/5/2012			
	COLOR:		JBOSSERDET	LAST REVISED DATE:		1/9/2015	
NA	HEAT TREAT:	LAST REVISED BY:	Jbosserdet	TITLE:	<b>10380</b>		
NA	FINISH:	MATERIAL:		PART NUMBER:			
NA	TEXTURE:			SCALE:	1:128	SIZE:	A
					1 OF 6		



**NOTES:**

1. THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
3. THE IDEAL WATER LEVEL SHOULD BE TO THE MIDDLE OF THE SKIMMER OPENING(S).

**EXCAVATION NOTES:**

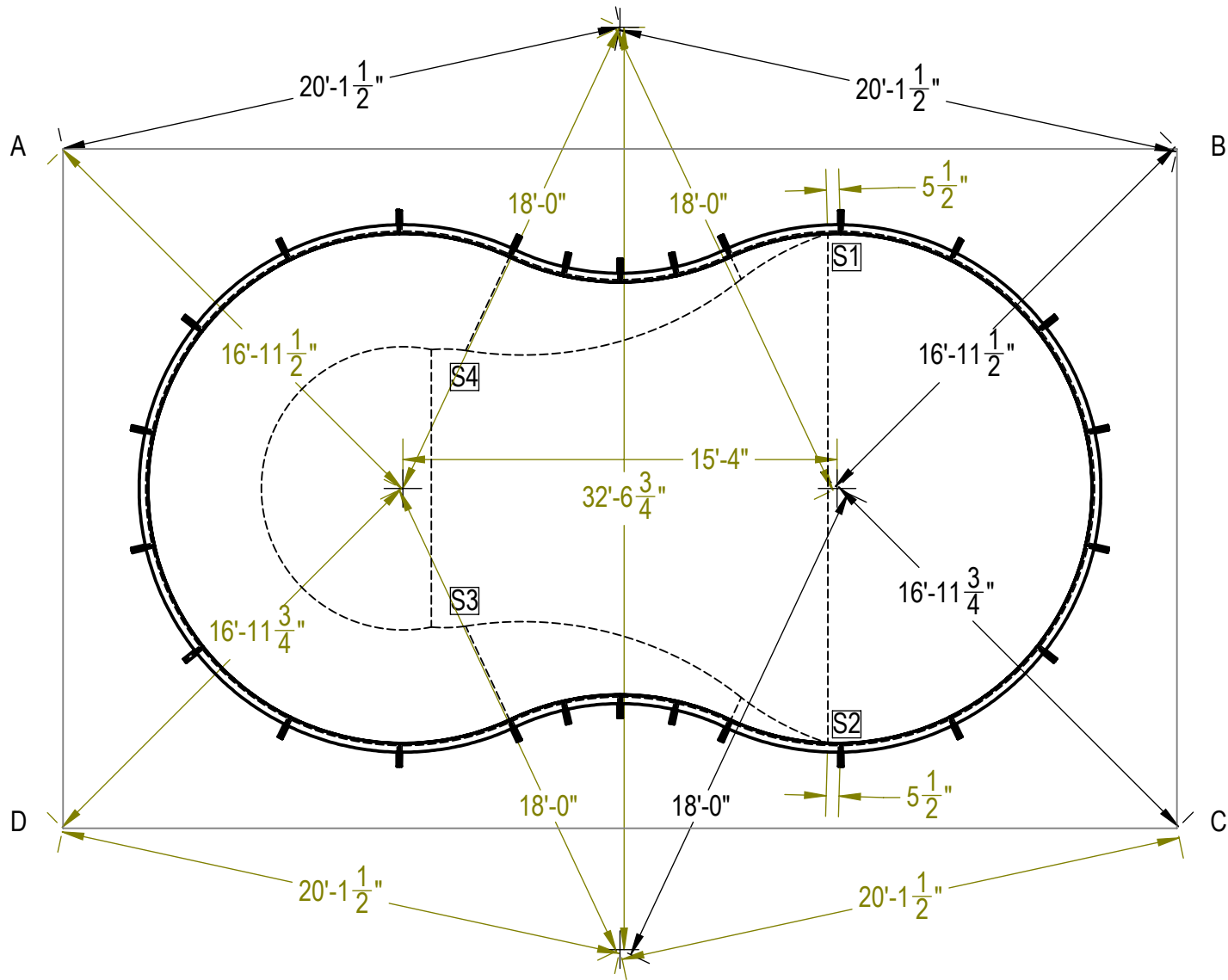
4. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
5. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
6. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
7. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
8. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
9. BACK FILL WITH NON-EXPANSIVE MATERIAL.
10. ANSI / APSP / ICC-5 FOR RESIDENTIAL POOLS, 2003-2007 BOCA CODE SECTION 421.

**IMPORTANT NOTES:**

11. 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.

ENGINEERING DRAWING NUMBER: <b>00004659</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>			
	VOLUME: Inch <sup>3</sup>		RCOLBOCH	11/22/2013				
	COLOR:		HEAT TREAT:	FINISH:	TEXTURE:	DETAILED BY:	DETAILED DATE:	TITLE: <b>LAYOUT, 18' X 33'-4", FIGURE 8, 8' DEEP, 100 SERIES</b>
	NA		NA	NA	NA	JBOSSEDET	10/5/2012	
			LAST REVISED BY:	LAST REVISED DATE:	PART NUMBER: <b>10380</b>			
			JBosserdet	1/9/2015	SCALE: 1:128 SHEET: 2 OF 6			
					<b>10380</b>			
					<b>A</b>			

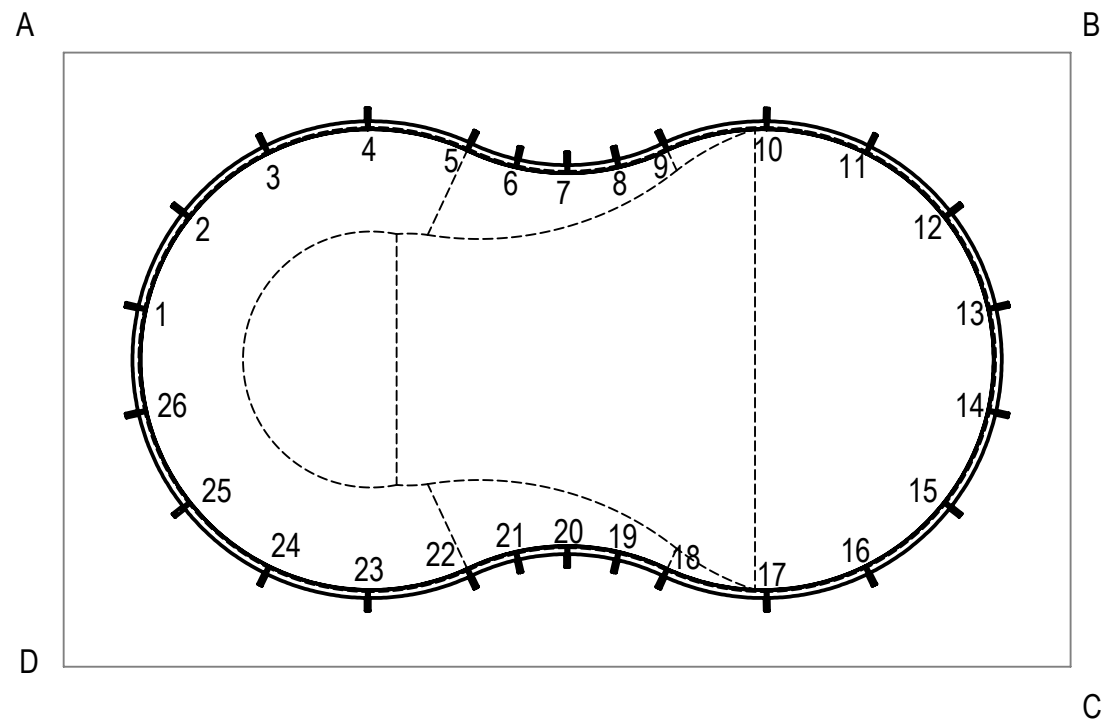
A-S1	27'-2"
B-S1	12'-8 1/4"
A-S2	34'-2 1/4"
B-S2	24'-4"
A-S3	21'-3 3/4"
B-S3	31'-3 1/4"
A-S4	14'-9 3/4"
B-S4	27'-3 1/4"



ENGINEERING DRAWING NUMBER: <b>00004659</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		RCOLBOCH	11/22/2013	
	VOLUME:		DESIGNED BY: RCOLBOCH DETAILED BY: JBOSSERDET LAST REVISED BY: jbosserdet MATERIAL:	DETAILED DATE:	TITLE: <b>LAYOUT, 18' X 33'-4", FIGURE 8, 8'          DEEP, 100 SERIES</b>
	Inch <sup>3</sup>			10/5/2012	
	COLOR:			LAST REVISED DATE:	
NA	1/9/2015				
HEAT TREAT:	PART NUMBER:	SCALE:	SIZE:		
NA	<b>10380</b>	1:128	<b>A</b>		
FINISH:		SHEET:			
NA		3 OF 6			
TEXTURE:					
NA					

	A	B	C	D
1	10'-6 1/2"	37'-5 3/4"	38'-8 1/2"	14'-4"
2	8'-1 1/4"	35'- 1/4"	38'-7 1/2"	18'-2 3/4"
3	8'-10 3/4"	31'-7"	37'-2 1/2"	21'-7"
4	12'-3"	27'-7 1/4"	34'-6 3/4"	24'-1 1/2"
5	16'-2 1/2"	23'-10 1/2"	31'- 1/4"	25'-7 1/4"
6	18'-2 3/4"	22'-1 1/2"	29'-1 3/4"	26'-3 3/4"
7	20'-2 3/4"	20'-2 1/2"	27'-6 1/2"	27'-6 1/2"
8	22'-1 1/2"	18'-2 1/2"	27'-6 1/2"	29'-2"
9	23'-10 1/2"	16'-2 1/2"	25'-7 1/4"	31'- 1/4"
10	27'-7 1/2"	12'-3"	24'-1 1/2"	34'-6 3/4"
11	31'-7"	8'-11"	21'-7 1/4"	37'-2 1/2"
12	35'-0"	8'-1 1/4"	18'-2 3/4"	38'-7 1/2"
13	37'-5 3/4"	10'-6 1/4"	14'-4"	38'-8 3/4"
14	38'-8 3/4"	14'-4 1/4"	10'-6"	37'-5 1/2"
15	38'-7 1/2"	18'-3"	8'-1 1/4"	34'-11 3/4"
16	37'-2 1/4"	21'-7 1/4"	8'-11 1/4"	31'-6 3/4"
17	34'-6 3/4"	24'-1 1/2"	12'-3"	27'-7 1/2"
18	31'- 1/4"	25'-7 1/4"	16'-2 1/2"	23'-10 1/2"
19	29'-2"	26'-3 3/4"	18'-2 1/2"	22'-1 1/2"
20	27'-6 1/2"	27'-6 1/2"	20'-2 1/2"	20'-2 3/4"
21	26'-3 3/4"	29'-1 3/4"	22'-1 1/2"	18'-2 3/4"
22	25'-7 1/4"	31'- 1/4"	23'-10 1/2"	16'-2 3/4"
23	24'-1 1/2"	34'-6 3/4"	27'-7 1/4"	12'-3"
24	21'-7 1/4"	37'-2 1/4"	31'-6 1/2"	8'-11 1/4"
25	18'-3"	38'-7 1/2"	34'-11 3/4"	8'-1 1/4"
26	14'-4 1/2"	38'-8 3/4"	37'-5 1/2"	10'-6"

A-B	39'-4"
B-C	24'-0"
A-C	46'- 3/4"



ENGINEERING DRAWING NUMBER: <b>00004659</b>	WEIGHT:	
	lbs	
	VOLUME:	
	Inch <sup>3</sup>	
	COLOR:	
	HEAT TREAT:	
FINISH:		
TEXTURE:		

**UNLESS OTHERWISE SPECIFIED**

DIMENSIONS ARE IN INCHES

TOLERANCES

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

ANGULAR: X ± 0.5

THIRD ANGLE PROJECTION

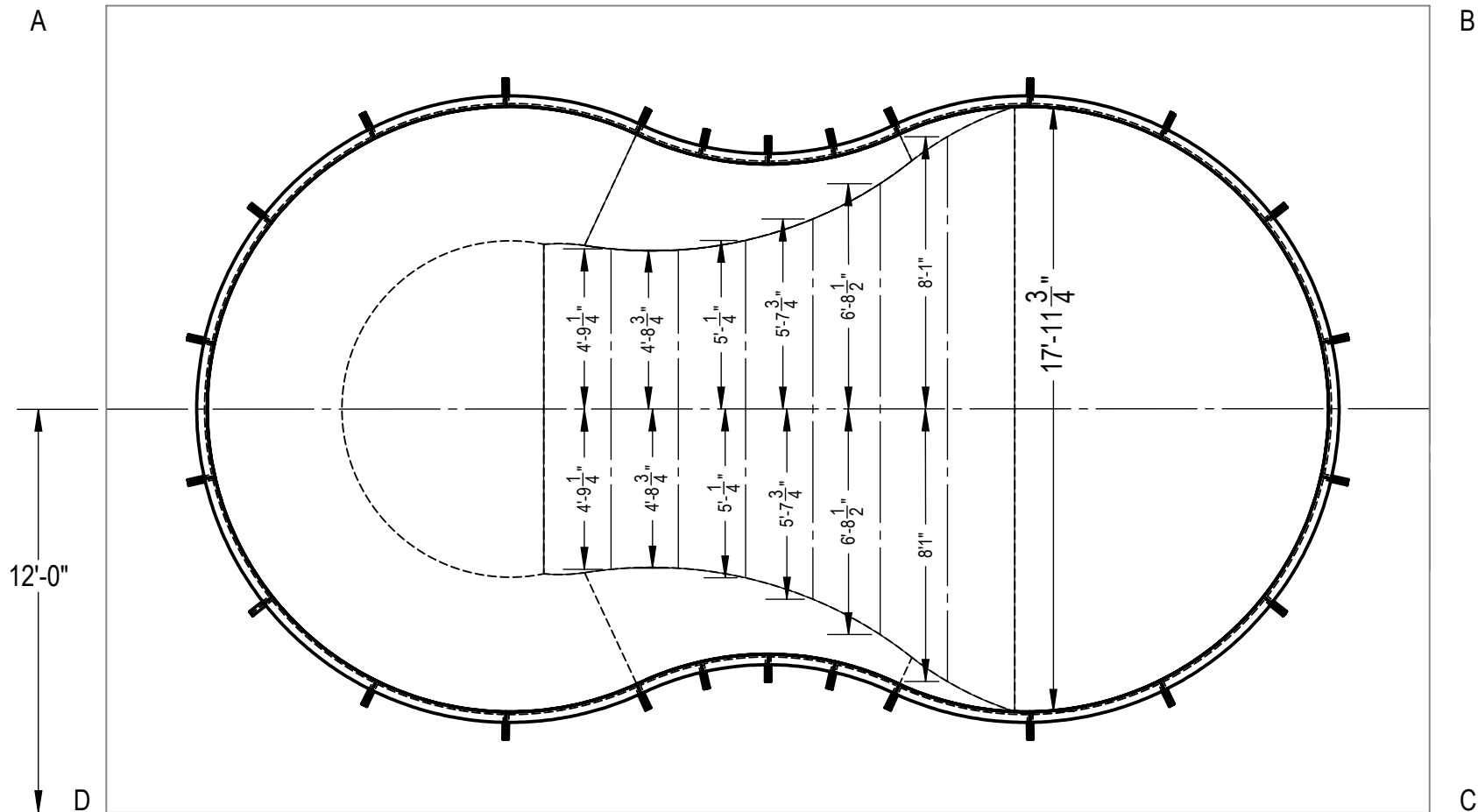
DESIGNED BY: RCOLBOCH	CREATION DATE: 11/22/2013
DETAILED BY: JBOSSERDET	DETAILED DATE: 10/5/2012
LAST REVISED BY: jbosserdet	LAST REVISED DATE: 1/9/2015
MATERIAL:	

**HYDRA POOLS**

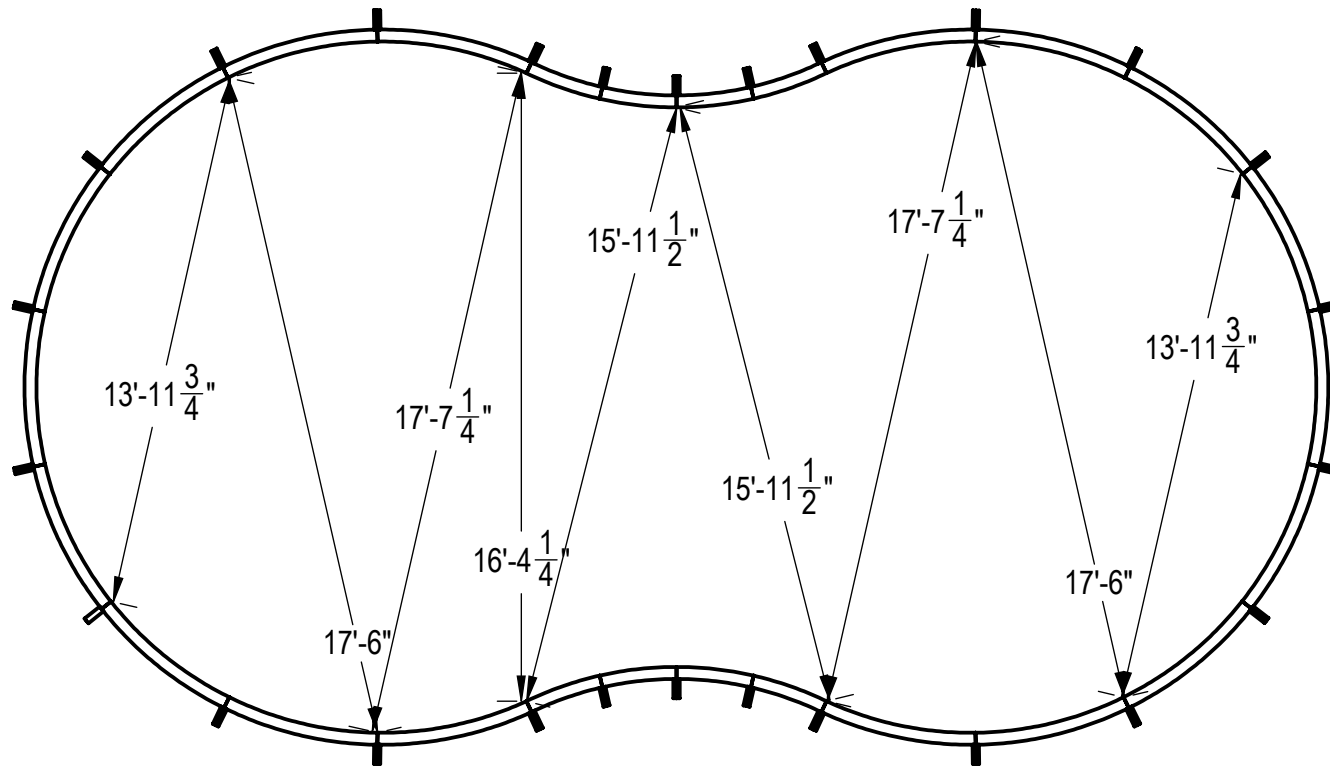
**TITLE: LAYOUT, 18' X 33'-4", FIGURE 8, 8'  
DEEP, 100 SERIES**


PART NUMBER: **10380**

SCALE: 1:128	SIZE: <b>A</b>
SHEET: 4 OF 6	



ENGINEERING DRAWING NUMBER: <b>00004659</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		RCOLBOCH	11/22/2013		
	VOLUME:		MATERIAL:	DETAILED BY:	DETAILED DATE:	TITLE: <b>LAYOUT, 18' X 33'-4", FIGURE 8, 8'          DEEP, 100 SERIES</b>
	Inch <sup>3</sup>			JBOSSERDET	10/5/2012	
	COLOR:			LAST REVISED BY:	LAST REVISED DATE:	
	NA			jbosserdet	1/9/2015	
HEAT TREAT:	PART NUMBER:		SCALE:	SIZE:		
NA	<b>10380</b>		1:128	A		
FINISH:			SHEET:			
NA			5 OF 6			
TEXTURE:						
NA						



ENGINEERING DRAWING NUMBER: <b>00004659</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		RCOLBOCH	11/22/2013			
	VOLUME:		MATERIAL:	DETAILED BY:	DETAILED DATE:	TITLE: <b>LAYOUT, 18' X 33'-4", FIGURE 8, 8'          DEEP, 100 SERIES</b>	
	Inch <sup>3</sup>			JBOSSERDET	10/5/2012		
	COLOR:			LAST REVISED BY:	LAST REVISED DATE:		
	NA			jbosserdet	1/9/2015	PART NUMBER:	SCALE:
HEAT TREAT:				<b>10380</b>	1:128	<b>A</b>	
NA				SHEET:			
FINISH:				6 OF 6			
TEXTURE:							
NA							