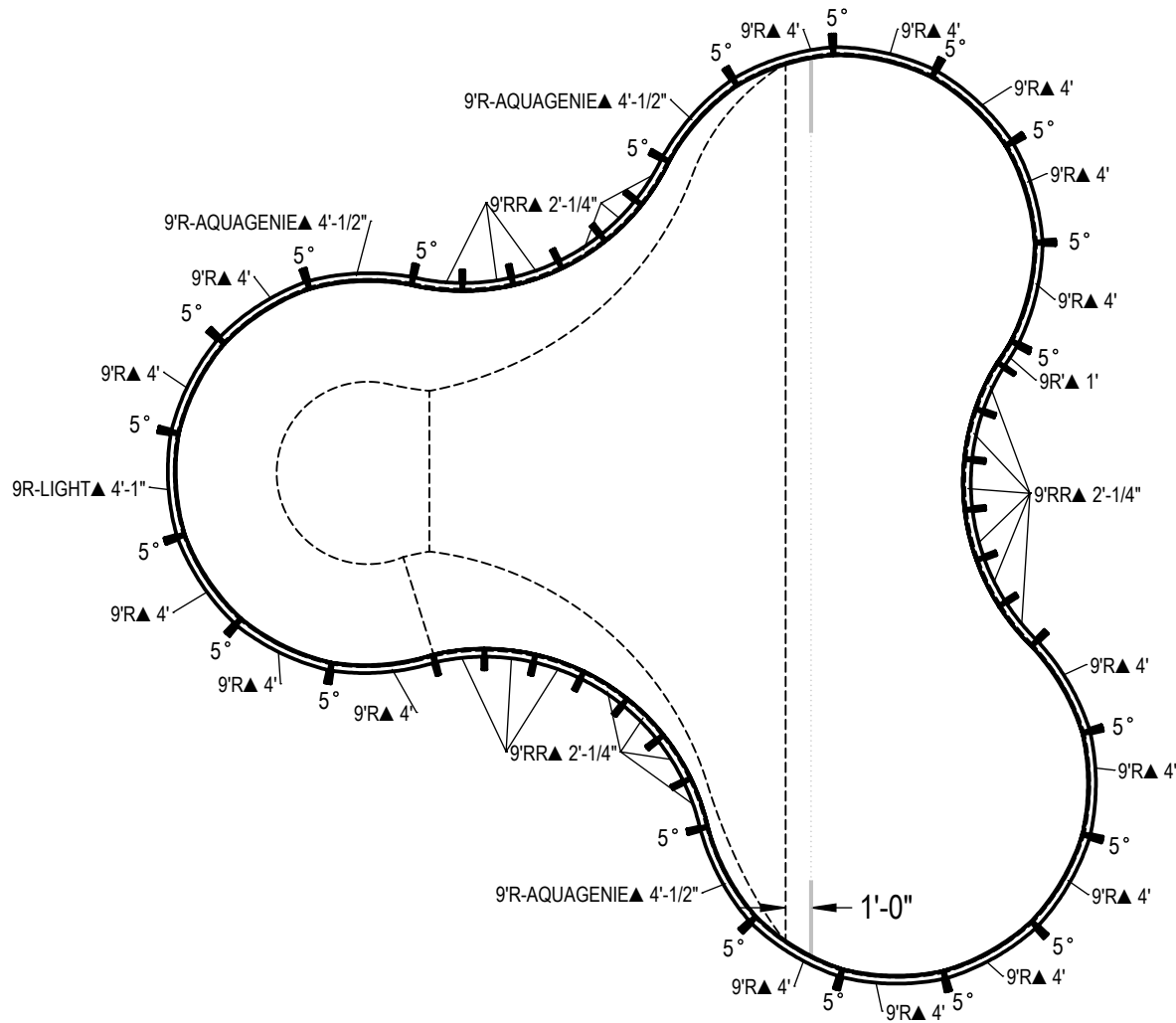


REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY
A	RELEASED FOR PRODUCTION	1/13/2014		RCOLBOCH
B	UPDATED TAG DATA TO INCLUDE COPING LENGTHS.	1/29/2015	391702	JBOSSERDET



ITEM	FILE NAME	DESCRIPTION	CUSTOMER DRAWING #	VENDOR PART #	QTY.	VENDOR NAME	MATERIAL
1	BRACE	BRACE, 5 TAB, TRANQUILITY - 500 SERIES	HP599	HP599	41	HYDRA POOLS	PS
2	INSERT, 5° WEDGE	INSERT, 5° WEDGE	HP226	HP226	21	HYDRA POOLS, IA	PP Homopolymer
3	PANEL, 9' RADIUS WITH AQUAGENIE	PANEL, 9' RADIUS WITH AQUAGENIE - 500 SERIES	HP559A	HP559A	3	HYDRA POOLS	PS
4	PANEL, 9' RADIUS WITH LIGHT	PANEL, 9' RADIUS WITH LIGHT - 500 SERIES	HP559LL	HP559LL	1	HYDRA POOLS	PS
5	PANEL, 9' RADIUS, 1' LONG	PANEL, 9' RADIUS, 1' LONG - 500 SERIES	HP515D	HP515D	1	HYDRA POOLS	PS
6	PANEL, 9' RADIUS, 4' LONG	PANEL, 9' RADIUS, 4' LONG - 500 SERIES	HP559	HP559	16	HYDRA POOLS	PS
7	PANEL, 9' REVERSE RADIUS	PANEL, 9' REVERSE RADIUS - 500 SERIES	HP519N	HP519N	19	HYDRA POOLS	PS

**NOTES:**

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

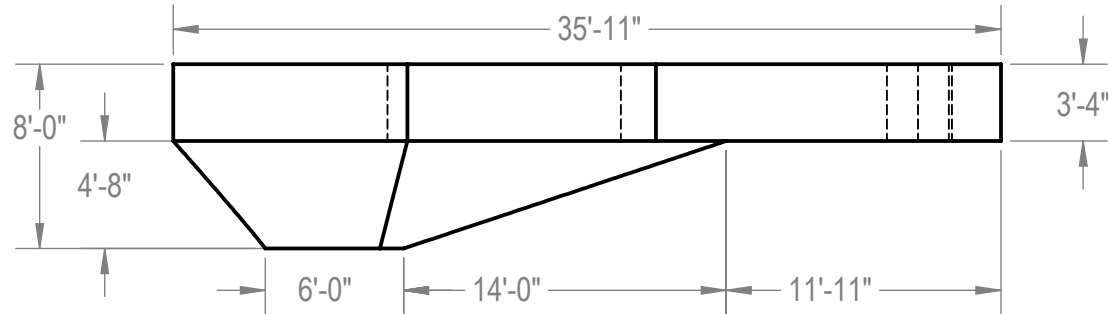
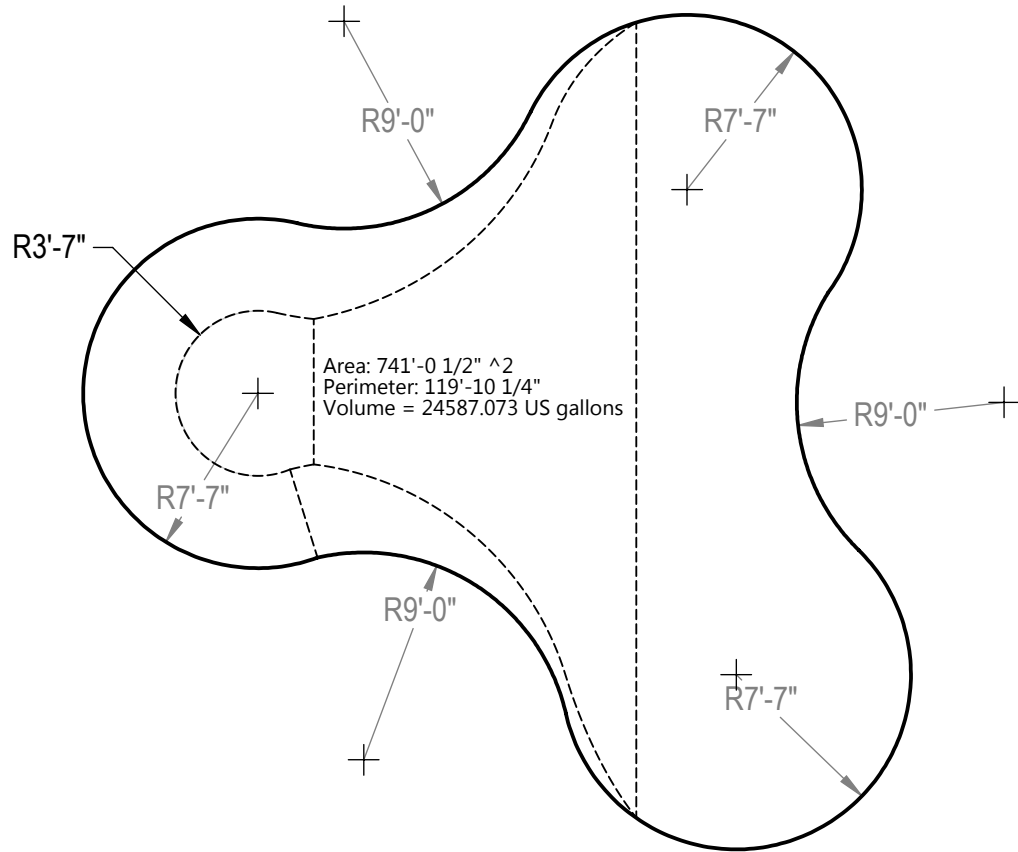
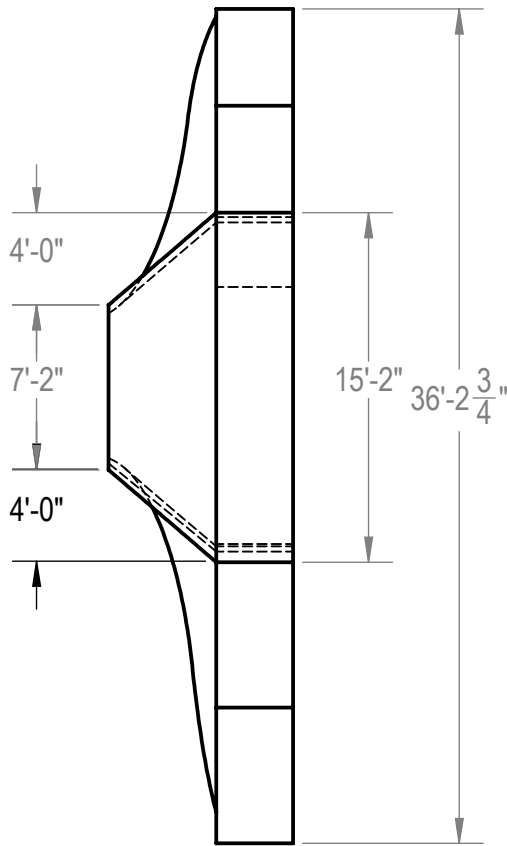
**EXCAVATION NOTES:**

- 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.

ENGINEERING DRAWING NUMBER: <b>00005062</b>	WEIGHT: 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: RCOLBOCH	CREATION DATE: 1/9/2014	<b>HYDRA POOLS</b>  TITLE: LAYOUT, 35'-11" X 36'-2", AMEBA, 8" DEEP, 500 SERIES  PART NUMBER: <div style="font-size: 2em; font-weight: bold; margin-top: 10px;">50951</div>
	VOLUME: Inch <sup>3</sup>		DETAILED BY: JBOSSERDET	DETAILED DATE: 10/5/2012	
	COLOR:		LAST REVISED BY: jbosserdet	LAST REVISED DATE: 1/29/2015	
	HEAT TREAT: NA		MATERIAL:	SCALE: 1:192	
FINISH: NA					SIZE: <b>A</b>
TEXTURE: NA					SHEET: 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).

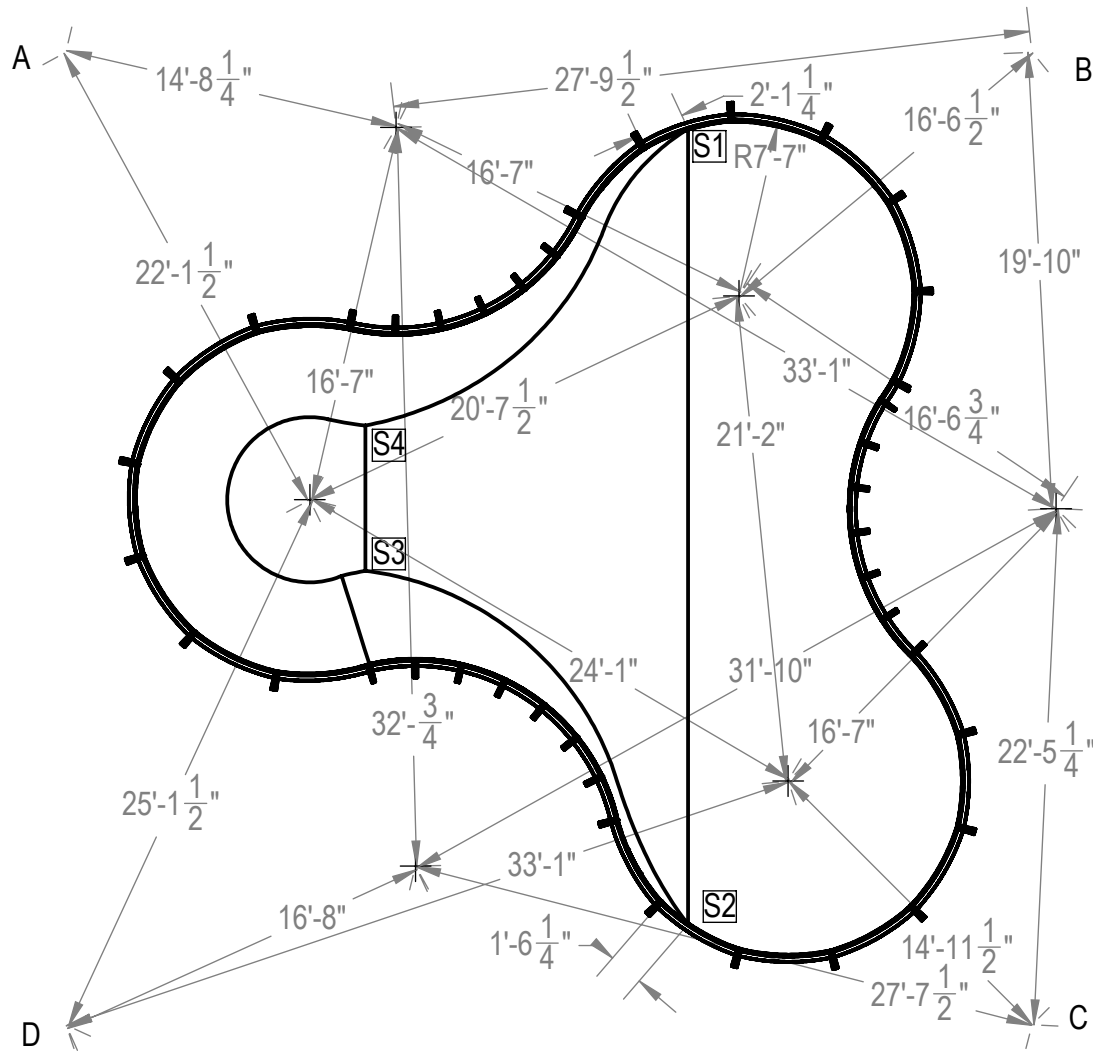
**EXCAVATION NOTES:**

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>00005062</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	1/9/2014	
	VOLUME:		Detailed by:	Detailed Date:	TITLE: LAYOUT, 35'-11" X 36'-2", AMEBA, 8' DEEP, 500 SERIES
	Inch <sup>3</sup>		JBOSSERDET	10/5/2012	
COLOR:	LAST REVISED BY:	LAST REVISED DATE:	PART NUMBER: <div style="font-size: 2em; font-weight: bold; text-align: center;">50951</div>		
NA	jbosserdet	1/29/2015			
HEAT TREAT:	MATERIAL:		SCALE: 1:192	SIZE: A	
NA			SHEET: 2 OF 6		
FINISH:					
NA					
TEXTURE:					
NA					



A-S1	27'-2 1/2"
B-S1	15'-3 1/2"
A-S2	46'-6"
B-S2	40'-8 1/4"
A-S3	26'-0"
B-S3	36'-7 3/4"
A-S4	20'-9 1/4"
B-S4	33'-1 3/4"

**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.

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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.

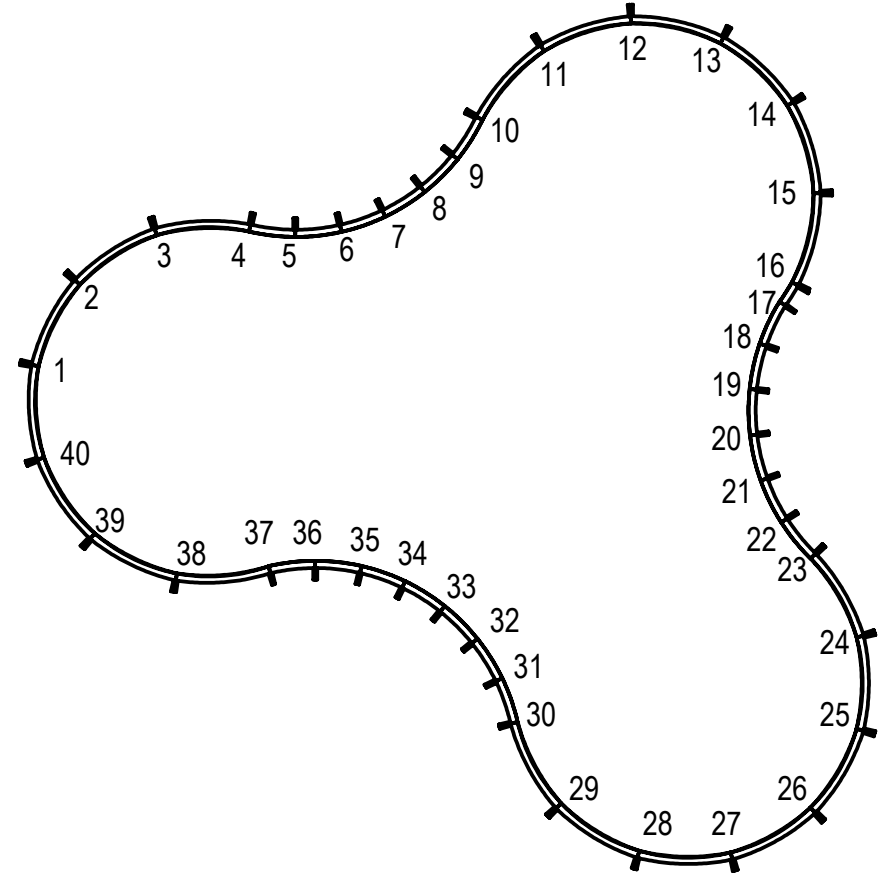
ENGINEERING DRAWING NUMBER: <b>00005062</b>	<b>WEIGHT:</b> lbs VOLUME: Inch <sup>3</sup>	<b>UNLESS OTHERWISE SPECIFIED</b> DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± 0.1 XX ± 0.01 XXX ± 0.005 XXXX ± 0.0005 ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION	DESIGNED BY: <b>RCOLBOCH</b>	CREATION DATE: <b>1/9/2014</b>	<b>HYDRA POOLS</b>  <b>LAYOUT, 35'-11" X 36'-2", AMEBA, 8'          DEEP, 500 SERIES</b>
	COLOR: NA		DETAILED BY: <b>JBOSSERDET</b>	DETAILED DATE: <b>10/5/2012</b>	
	HEAT TREAT: NA		LAST REVISED BY: <b>jbosserdet</b>	LAST REVISED DATE: <b>1/29/2015</b>	
	FINISH: NA		MATERIAL:		
TEXTURE: NA			PART NUMBER: <b>50951</b>		SCALE: 1:192 SHEET: 3 OF 6

	A	B	C	D
1	18'-2"	42'-8 1/4"	45'-9 1/4"	24'-6 1/2"
2	15'-2 1/4"	39'-8"	46'-3 1/2"	28'-3 3/4"
3	14'-9"	35'-9 1/4"	45'-1"	31'-1 3/4"
4	17'-2 1/2"	31'-11 3/4"	42'-3 1/2"	32'-7"
5	18'-10"	30'-2 3/4"	40'-9"	33'-2 1/4"
6	20'-3 1/4"	28'-3 3/4"	39'-7"	34'-3 1/2"
7	21'-5 3/4"	26'-3 3/4"	38'-10 3/4"	35'-9 3/4"
8	22'-5 1/4"	24'-3 3/4"	38'-9"	37'-7 1/4"
9	23'-1 1/2"	22'-5"	39'-2"	39'-6 3/4"
10	23'-6 1/2"	20'-9 1/2"	40'-1"	41'-7"
11	25'-5 1/2"	17'-4 1/4"	41'-6 3/4"	45'-6 1/2"
12	29'- 1/2"	9'-11 1/2"	41'-4"	48'-8 1/2"
13	32'-11 3/4"	9'-1"	39'-5"	50'-5"
14	36'-3"	15'-5 3/4"	36'-2 1/4"	48'-7 3/4"
15	38'-2 3/4"	16'-5 1/2"	32'-3"	48'-7 3/4"
16	38'-7"	18'-5 3/4"	28'-7 1/2"	45'-5 3/4"
17	38'-4 1/2"	20'-5 1/2"	27'-11 1/4"	44'-6 1/2"
18	38'-10 3/4"	18'-5 3/4"	26'-4 3/4"	42'-9"
19	39'-11 1/4"	20'-5 1/2"	24'-7 3/4"	41'-3"
20	41'-4 1/2"	22'-4"	22'-9"	40'-2"
21	43'-1 3/4"	24'- 1/4"	20'-9"	39'-6 3/4"
22	43'-1 3/4"	25'-6 1/4"	18'-8 3/4"	39'-6"
23	45'-1"	26'-9"	16'-10"	40'-0"
24	48'-8 3/4"	29'-10"	12'-11 3/4"	40'-7 3/4"
25	51'-2 3/4"	33'-9 1/4"	9'-2 1/4"	39'-7 1/4"
26	52'-1 1/2"	37'-5"	7'-4 1/2"	37'- 1/4"
27	51'-2 1/2"	40'-11 1/4"	9'-3 3/4"	33'-4 1/4"
28	48'-8"	40'-2 1/2"	13'-1 1/2"	29'-5"
29	45'- 1/4"	37'-10 1/2"	16'-11 1/2"	26'-4 3/4"
30	45'- 1/4"	36'-6 1/2"	20'- 3/4"	25'-6 1/2"
31	39'-1 1/4"	35'-8"	21'-6 1/2"	25'-8"
32	37'-1 1/4"	35'-3 3/4"	23'-4 1/4"	25'-5 3/4"
33	35'-1 1/4"	35'-3 3/4"	25'-3 3/4"	25'- 1/4"
34	33'-2 3/4"	35'-6 1/2"	27'-4"	24'-3 1/4"
35	31'-7 1/2"	39'-1 3/4"	29'-3 1/2"	23'-3"
36	30'-4 3/4"	42'-4 1/2"	31'-1 1/2"	21'-11 1/2"
37	29'-7 3/4"	44'-2 1/4"	32'-9"	20'-5 1/2"
38	28'-4 3/4"	44'-3 1/2"	36'-2"	17'-10 1/2"
39	25'-9"	44'-2 1/4"	40'-1 3/4"	17'-11 3/4"
40	22'-1 1/4"	44'-3 1/2"	43'-7"	20'-7 3/4"

A-B	41'-11"
B-C	42'-2 3/4"
A-C	59'-6"

A

B



D

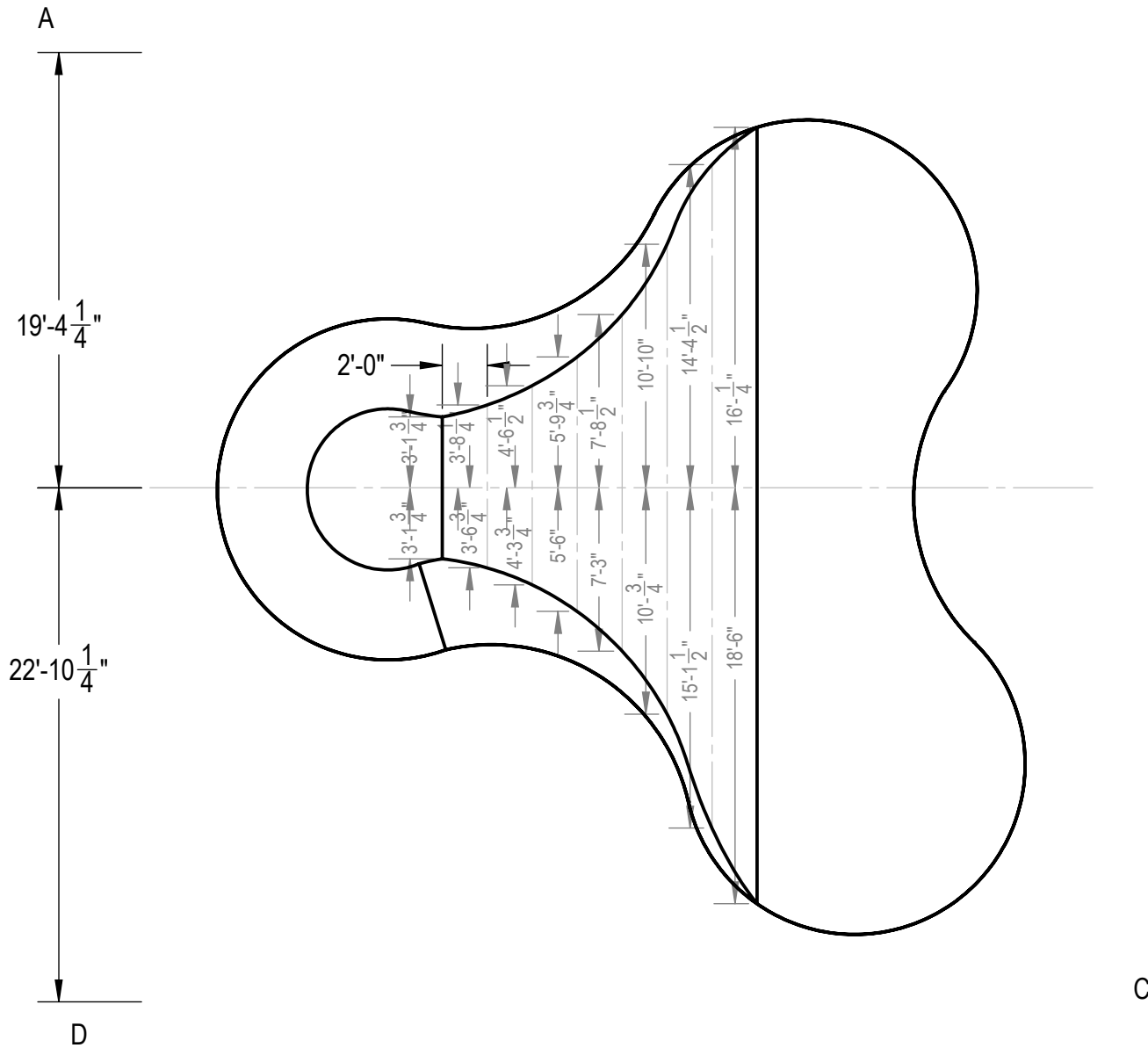
C


ENGINEERING DRAWING NUMBER  
00005062

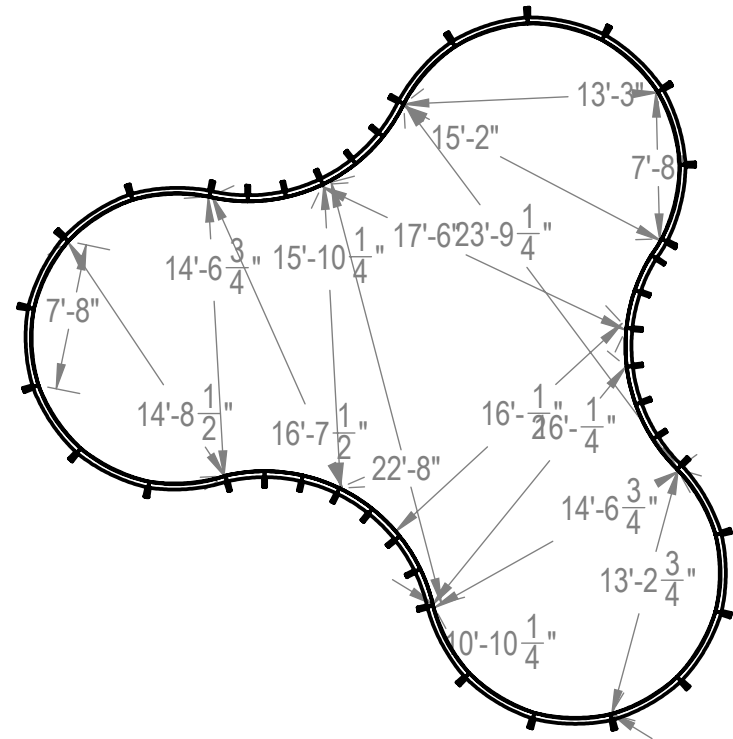
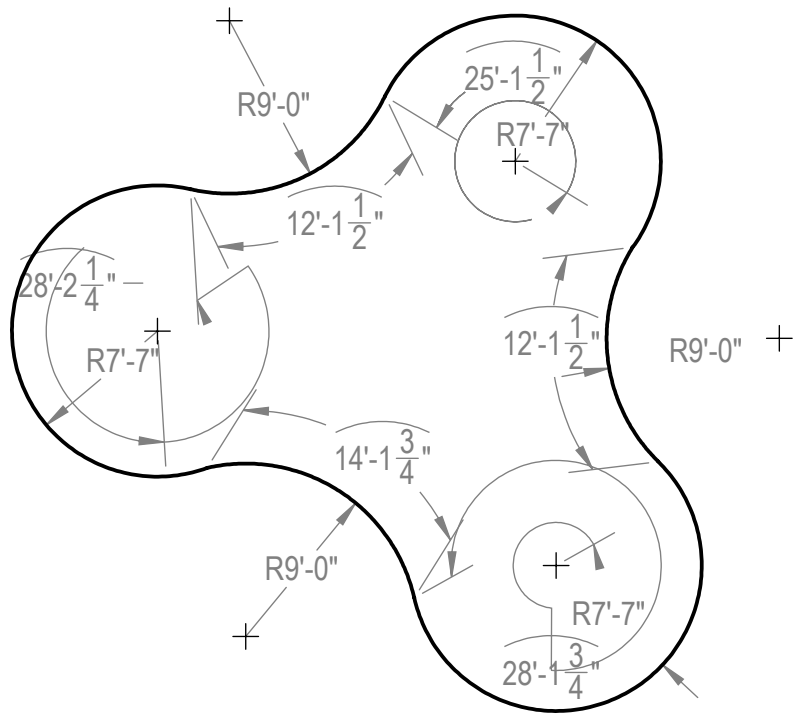
WEIGHT: lbs	<b>UNLESS OTHERWISE SPECIFIED</b> DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± 0.1 XX ± 0.01 XXX ± 0.005 XXXX ± 0.0005 ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION
VOLUME: Inch <sup>3</sup>	
COLOR:	
HEAT TREAT:	
FINISH:	
TEXTURE:	


DESIGNED BY: RCOLBOCH	CREATION DATE: 1/9/2014
DETAILED BY: JBOSSEDET	DETAILED DATE: 10/5/2012
LAST REVISED BY: jbosserdet	LAST REVISED DATE: 1/29/2015
MATERIAL:	

<b>HYDRA POOLS</b>	
<b>LAYOUT, 35'-11" X 36'-2", AMEBA, 8' DEEP, 500 SERIES</b>	
PART NUMBER: <b>50951</b>	SCALE: 1:192 SHEET: 4 OF 6
	<b>A</b>



ENGINEERING DRAWING NUMBER: <b>00005062</b>	WEIGHT:	<b>UNLESS OTHERWISE SPECIFIED</b> DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± 0.1 XX ± 0.01 XXX ± 0.005 XXXX ± 0.0005 ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION 	DESIGNED BY:	CREATION DATE:	<b>HYDRA POOLS</b>	
	lbs		RCOLBOCH	1/9/2014		
	VOLUME:		DETAILED BY:	DETAILED DATE:		
	Inch <sup>3</sup>		JBOSSERDET	10/5/2012	TITLE:	<b>LAYOUT, 35'-11" X 36'-2", AMEBA, 8'          DEEP, 500 SERIES</b>
	COLOR:		LAST REVISED BY:	LAST REVISED DATE:	PART NUMBER:	
	NA		jbosserdet	1/29/2015	50951	SCALE:
HEAT TREAT:	MATERIAL:			1:192	A	
NA				SHEET:		
FINISH:				5 OF 6		
NA						
TEXTURE:						
NA						



ENGINEERING DRAWING NUMBER: <b>00005062</b>	WEIGHT:	<b>UNLESS OTHERWISE SPECIFIED</b> DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± 0.1 XX ± 0.01 XXX ± 0.005 XXXX ± 0.0005 ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION 	DESIGNED BY:	CREATION DATE:	<b>HYDRA POOLS</b>  <b>LAYOUT, 35'-11" X 36'-2", AMEBA, 8'</b> <b>DEEP, 500 SERIES</b>
	lbs		RCOLBOCH	1/9/2014	
	VOLUME:		DETAILED BY:	DETAILED DATE:	
	Inch <sup>3</sup>		JBOSSERDET	10/5/2012	
	COLOR:		LAST REVISED BY:	LAST REVISED DATE:	
	NA		jbosserdet	1/29/2015	
HEAT TREAT:	MATERIAL:	PART NUMBER:	SCALE:	SIZE:	
NA		<b>50951</b>	1:192	<b>A</b>	
FINISH:			SHEET:		
NA			6 OF 6		
TEXTURE:					
NA					