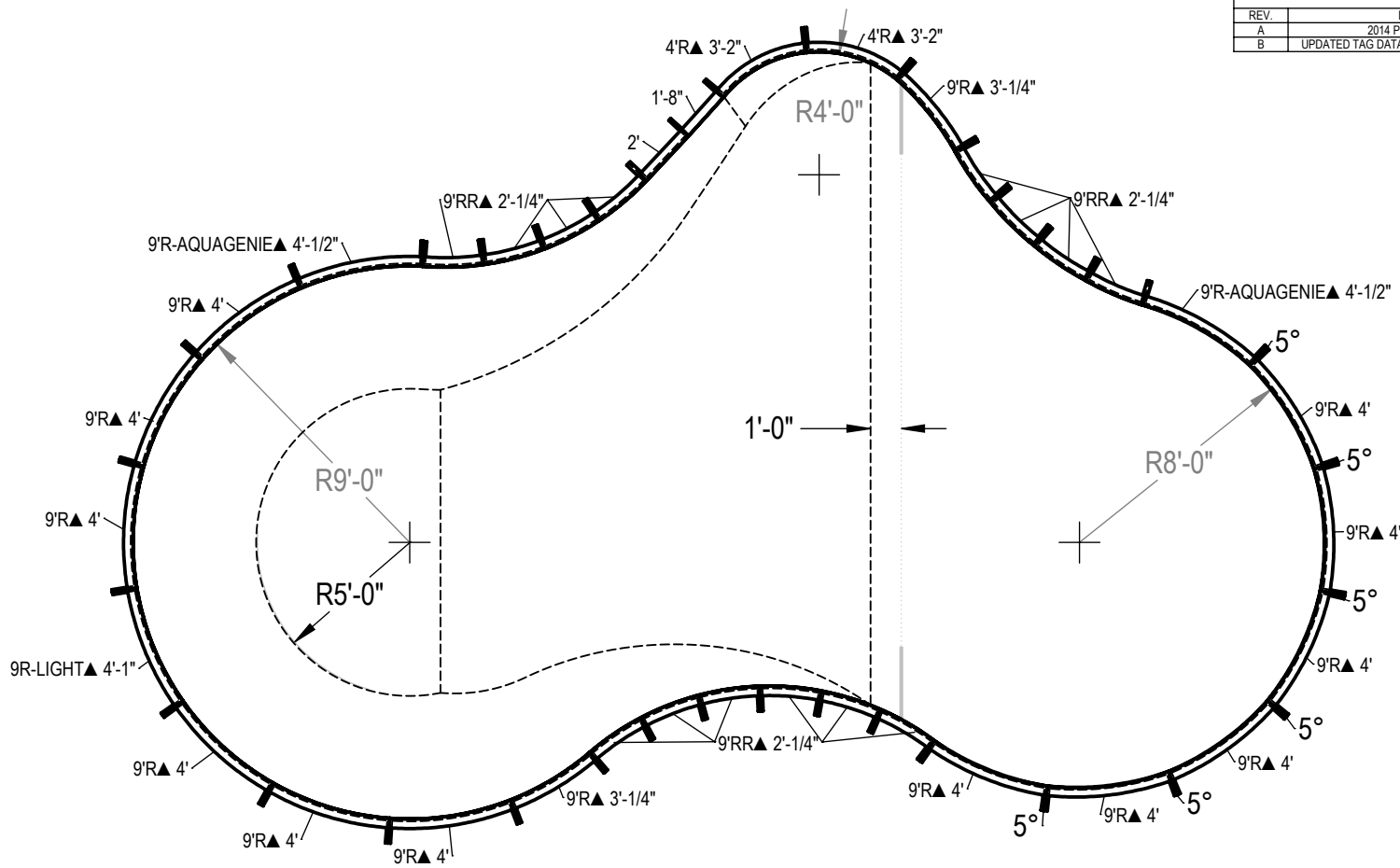


REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY
A	2014 POLYMER DIG BOOK	01/09/14	NONE	THARKENRIDER
B	UPDATED TAG DATA TO INCLUDE COPING LENGTHS.	1/26/2015	391702	JBOSSERDET



ITEM	FILE NAME	DESCRIPTION	CUSTOMER DRAWING #	VENDOR PART #	QTY.	VENDOR NAME	MATERIAL
1	BRACE	BRACE, 4 TAB, HYDRA - 100 SERIES	HP199	HP199	35	HYDRA POOLS	PS
2	INSERT, 5° WEDGE	INSERT, 5° WEDGE	HP226	HP226	6	HYDRA POOLS, IA	PP Homopolymer
3	PANEL, 1'-8 IN LONG	PANEL, 1'-8" LONG - 100 SERIES	HP116	HP116	1	HYDRA POOLS	PS
4	PANEL, 2' LONG	PANEL, 2' LONG - 100 SERIES	HP102	HP102	1	HYDRA POOLS	PS
5	PANEL, 4' RADIUS	PANEL, 4' RADIUS - 100 SERIES	HP154	HP154	2	HYDRA POOLS	PS
6	PANEL, 9' RADIUS WITH AQUAGENIE	PANEL, 9' RADIUS WITH AQUAGENIE - 100 SERIES	HP159A	HP159A	2	HYDRA POOLS	PS
7	PANEL, 9' RADIUS WITH LIGHT	PANEL, 9' RADIUS WITH LIGHT - 100 SERIES	HP159LL	HP159LL	1	HYDRA POOLS	PS
8	PANEL, 9' RADIUS, 3' LONG	PANEL, 9' RADIUS, 3' LONG, ROMAN - 100 SERIES	HP125	HP125	2	HYDRA POOLS	PS
9	PANEL, 9' RADIUS, 4' LONG	PANEL, 9' RADIUS, 4' LONG - 100 SERIES	HP159	HP159	12	HYDRA POOLS	PS
10	PANEL, 9' REVERSE RADIUS	PANEL, 9' REVERSE RADIUS - 100 SERIES	HP119N	HP119N	14	HYDRA POOLS	PS

- 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:

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:
00005049

UNLESS OTHERWISE SPECIFIED

WEIGHT: 192914.1 lbs
VOLUME: Inch³
COLOR:
HEAT TREAT:
FINISH:
TEXTURE:

DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS: X ± .1
 XX ± .01
 XXX ± .001
 XXXX ± .0005

ANGULAR: X ± 0.5
THIRD ANGLE PROJECTION

DESIGNED BY:
THARKENRIDER

CREATION DATE:
1/8/2014

DETAILED BY:
JBOSSERDET

DETAILED DATE:
10/5/2012

LAST REVISED BY:
jbosserdet

LAST REVISED DATE:
1/26/2015

MATERIAL:

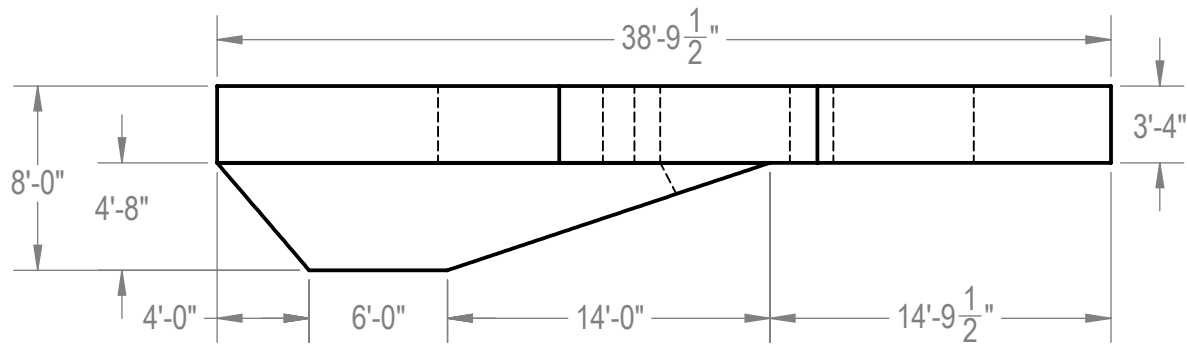
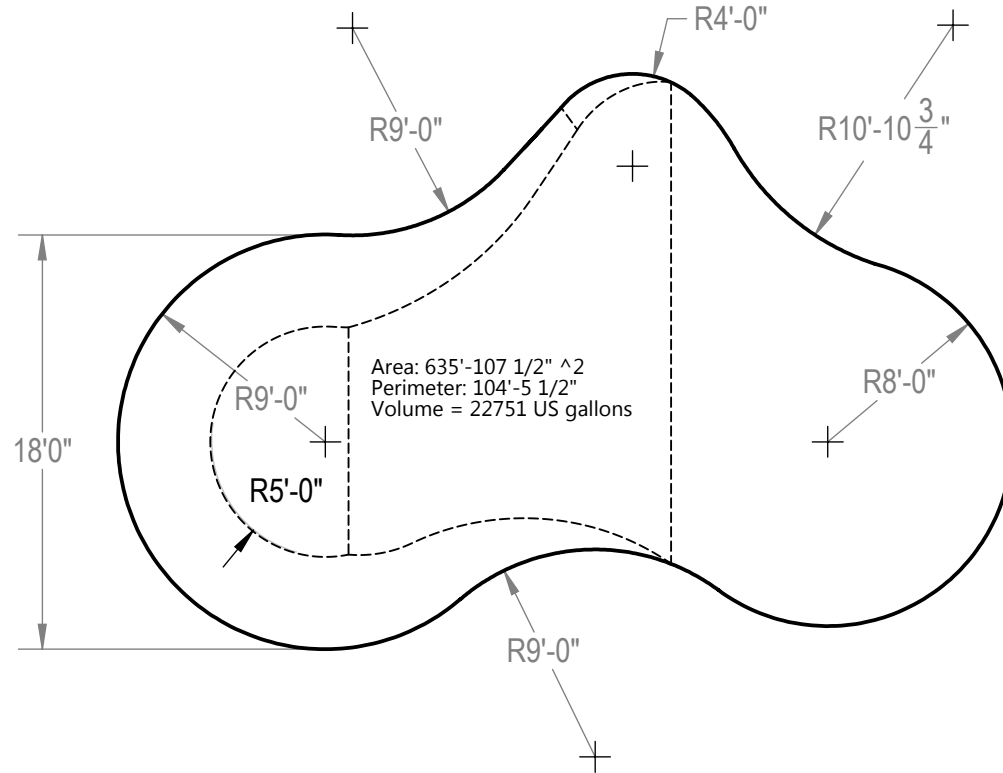
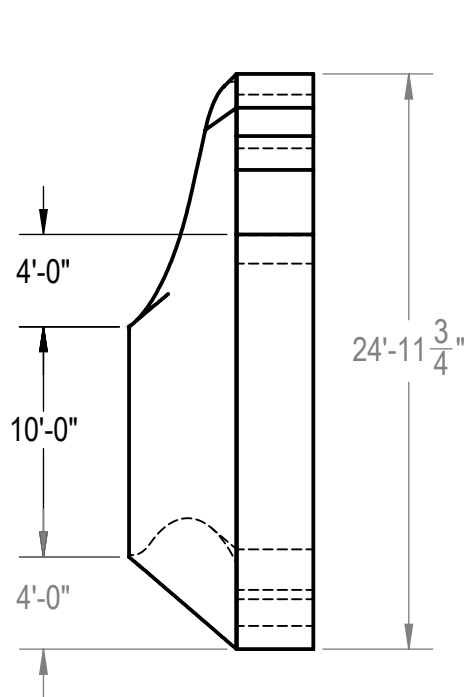
HYDRA POOLS

TITLE: LAYOUT, 24'-11" X 39', LAGOON, LEFT, 8' DEEP, 100 SERIES

PART NUMBER: **10934**

SCALE: 1:192
SHEET: 1 OF 6

A



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:

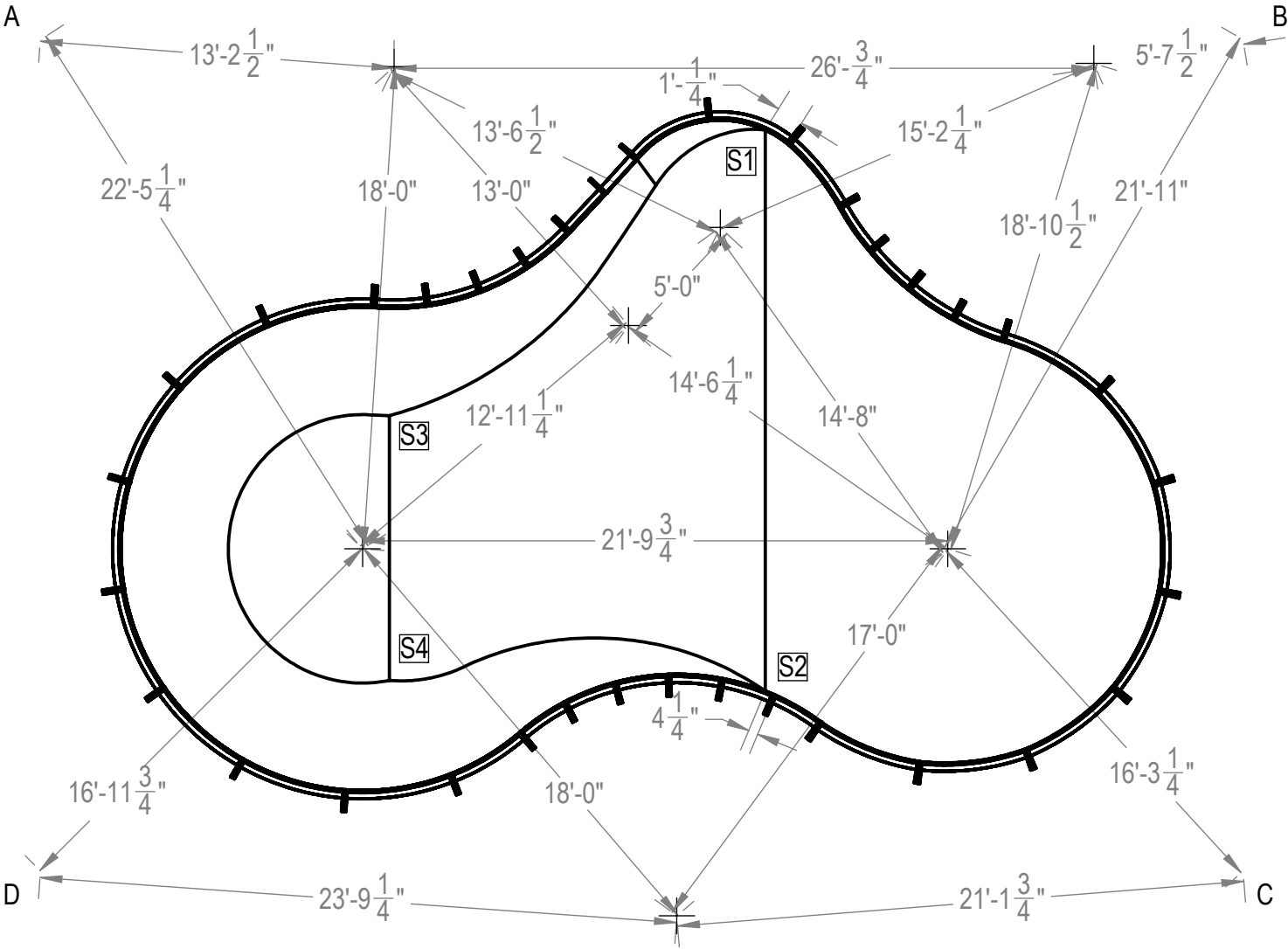
4. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
5. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
6. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
7. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
8. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
9. BACK FILL WITH 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: 00005049	WEIGHT: 189865.961 lbs VOLUME: 5255473.179 Inch ³	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: THARKENRIDER	CREATION DATE: 1/8/2014	HYDRA POOLS TITLE: LAYOUT, 24'-11" X 39', LAGOON, LEFT, 8' DEEP, 100 SERIES	
	COLOR: NA		DETAILED BY: JBOSSERDET	DETAILED DATE: 10/5/2012		
	HEAT TREAT: NA		LAST REVISED BY: jbosserdet	LAST REVISED DATE: 1/26/2015		
	FINISH: NA		MATERIAL: Water			
TEXTURE: NA			PART NUMBER: <div style="font-size: 2em; font-weight: bold; text-align: center;">10934</div>		SCALE: 1:128 SHEET: 2 OF 6	SIZE: <div style="font-size: 3em; font-weight: bold; text-align: center;">A</div>

A-S1	27'-2 1/2"
B-S1	18'-1 1/2"
A-S2	36'-3 1/2"
B-S2	30'-1"
A-S3	19'-1 1/4"
B-S3	34'-9"
A-S4	27'-2 1/4"
B-S4	39'-9 1/4"



ENGINEERING DRAWING NUMBER:
00005049

WEIGHT: 192914.1 lbs	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
VOLUME: Inch ³	
COLOR:	TOLERANCES
HEAT TREAT:	DECIMALS: X ± 0.1 XX ± 0.01 XXX ± 0.005 XXXX ± 0.0005
FINISH:	ANGULAR: X ± 0.5
TEXTURE:	THIRD ANGLE PROJECTION

DESIGNED BY: THARKENRIDER	CREATION DATE: 1/8/2014
DETAILED BY: JBOSSERDET	DETAILED DATE: 10/5/2012
LAST REVISED BY: jbosserdet	LAST REVISED DATE: 1/26/2015
MATERIAL:	

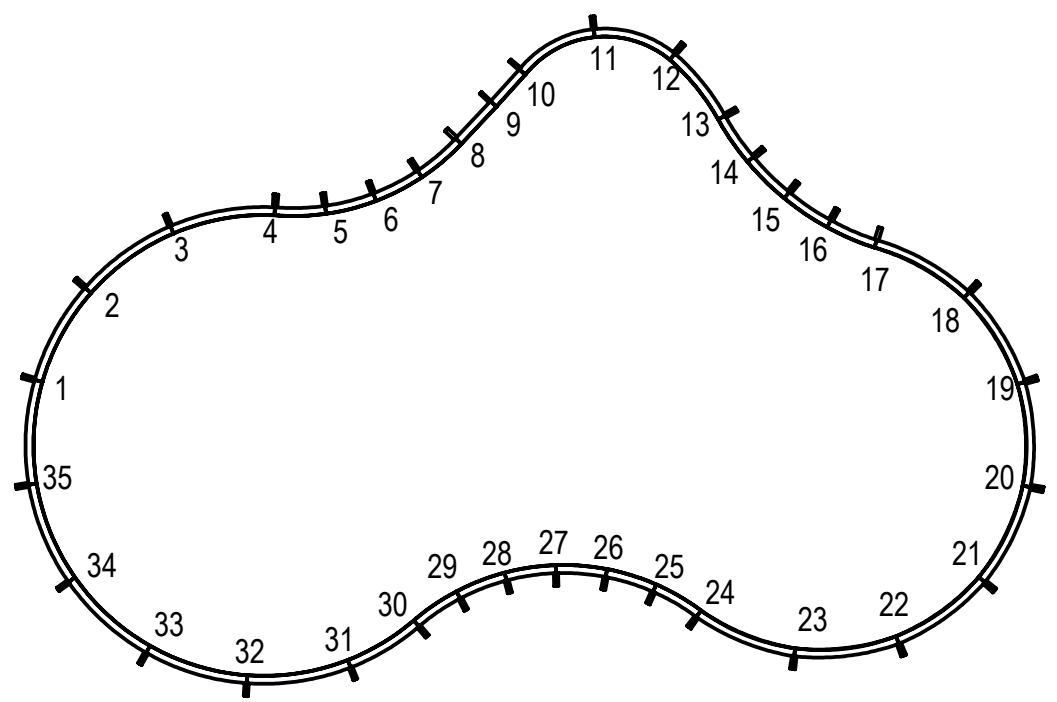
HYDRA POOLS	
TITLE: LAYOUT, 24'-11" X 39', LAGOON, LEFT, 8' DEEP, 100 SERIES	
PART NUMBER: 10934	SCALE: 1:192 SHEET: 3 OF 6
	SIZE: A

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

A-B	44'-9 1/2"
B-C	30'-11 3/4"
A-C	54'-5 1/2"

A

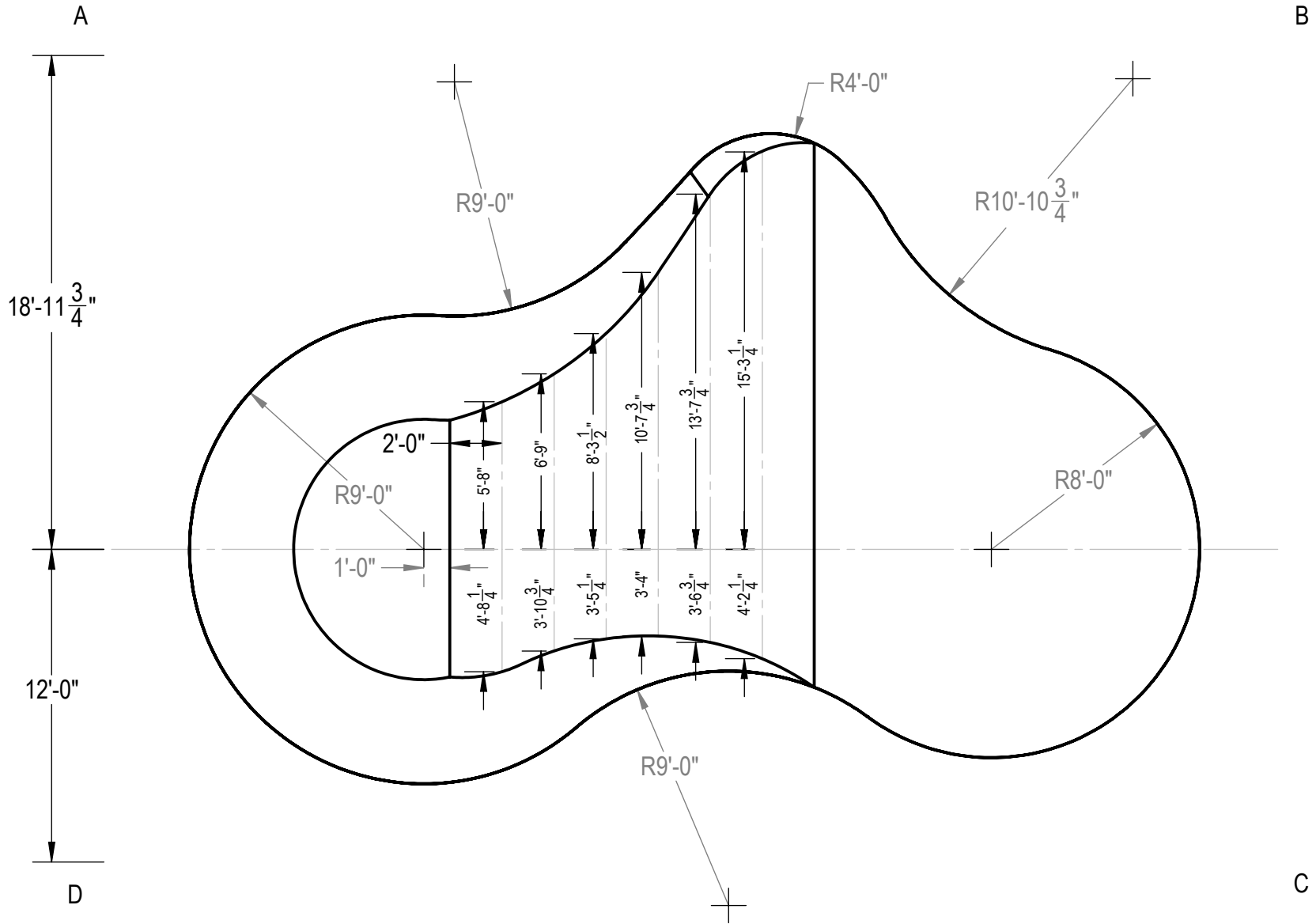
B



D

C

ENGINEERING DRAWING NUMBER: 00005049	WEIGHT: 192914.1 lbs VOLUME: Inch ³	UNLESS OTHERWISE SPECIFIED 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: THARKENRIDER	CREATION DATE: 1/8/2014	HYDRA POOLS LAYOUT, 24'-11" X 39', LAGOON, LEFT, 8' DEEP, 100 SERIES
	COLOR:		DETAILED BY: JBOSSERDET	DETAILED DATE: 10/5/2012	
	HEAT TREAT:		LAST REVISED BY: jbosserdet	LAST REVISED DATE: 1/26/2015	
	FINISH:		MATERIAL:		
	TEXTURE:				
PART NUMBER:					SCALE: 1:192 SHEET: 4 OF 6
10934					A

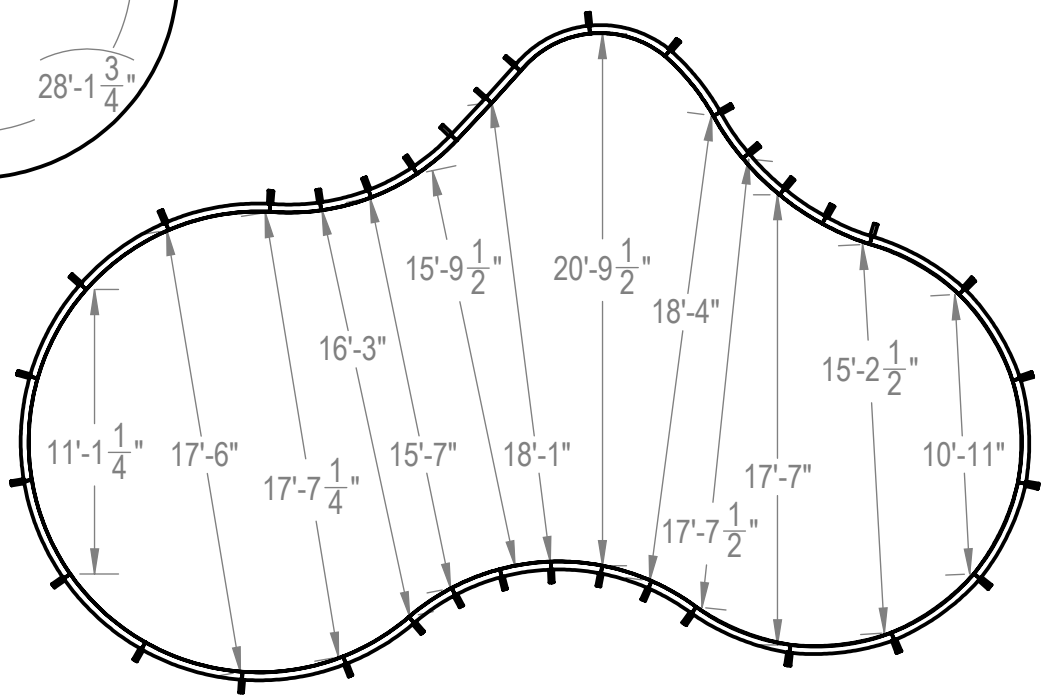
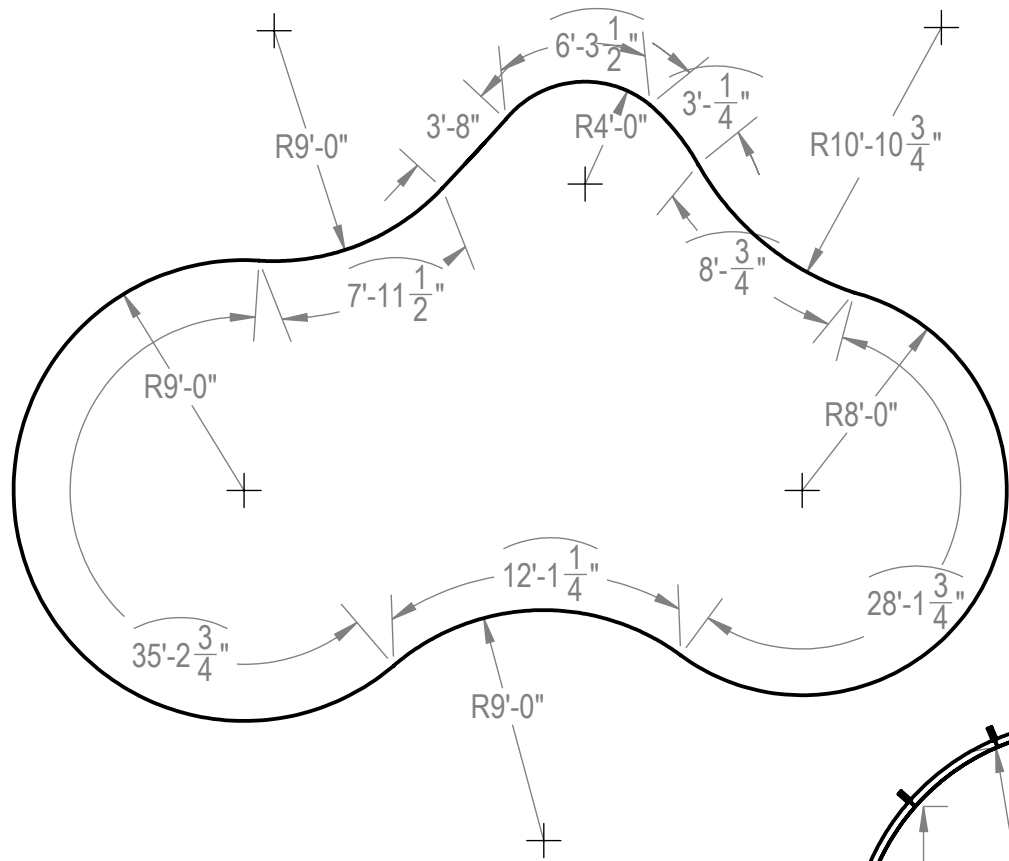


ENGINEERING DRAWING NUMBER:
00005049

UNLESS OTHERWISE SPECIFIED
 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: THARKENRIDER	CREATION DATE: 1/8/2014
DETAILED BY: JBOSSERDET	DETAILED DATE: 10/5/2012
LAST REVISED BY: jbosserdet	LAST REVISED DATE: 1/26/2015
MATERIAL: Water	

HYDRA POOLS	
TITLE: LAYOUT, 24'-11" X 39', LAGOON, LEFT, 8' DEEP, 100 SERIES	
PART NUMBER: 10934	SCALE: 1:128 SHEET: 5 OF 6 SIZE: A



ENGINEERING DRAWING NUMBER:
00005049

UNLESS OTHERWISE SPECIFIED
 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: THARKENRIDER	CREATION DATE: 1/8/2014
DETAILED BY: JBOSSERDET	DETAILED DATE: 10/5/2012
LAST REVISED BY: jbosserdet	LAST REVISED DATE: 1/26/2015
MATERIAL:	

HYDRA POOLS	
TITLE: LAYOUT, 24'-11" X 39', LAGOON, LEFT, 8' DEEP, 100 SERIES	
PART NUMBER:	10934
SCALE: 1:192	SIZE: A
SHEET: 6 OF 6	