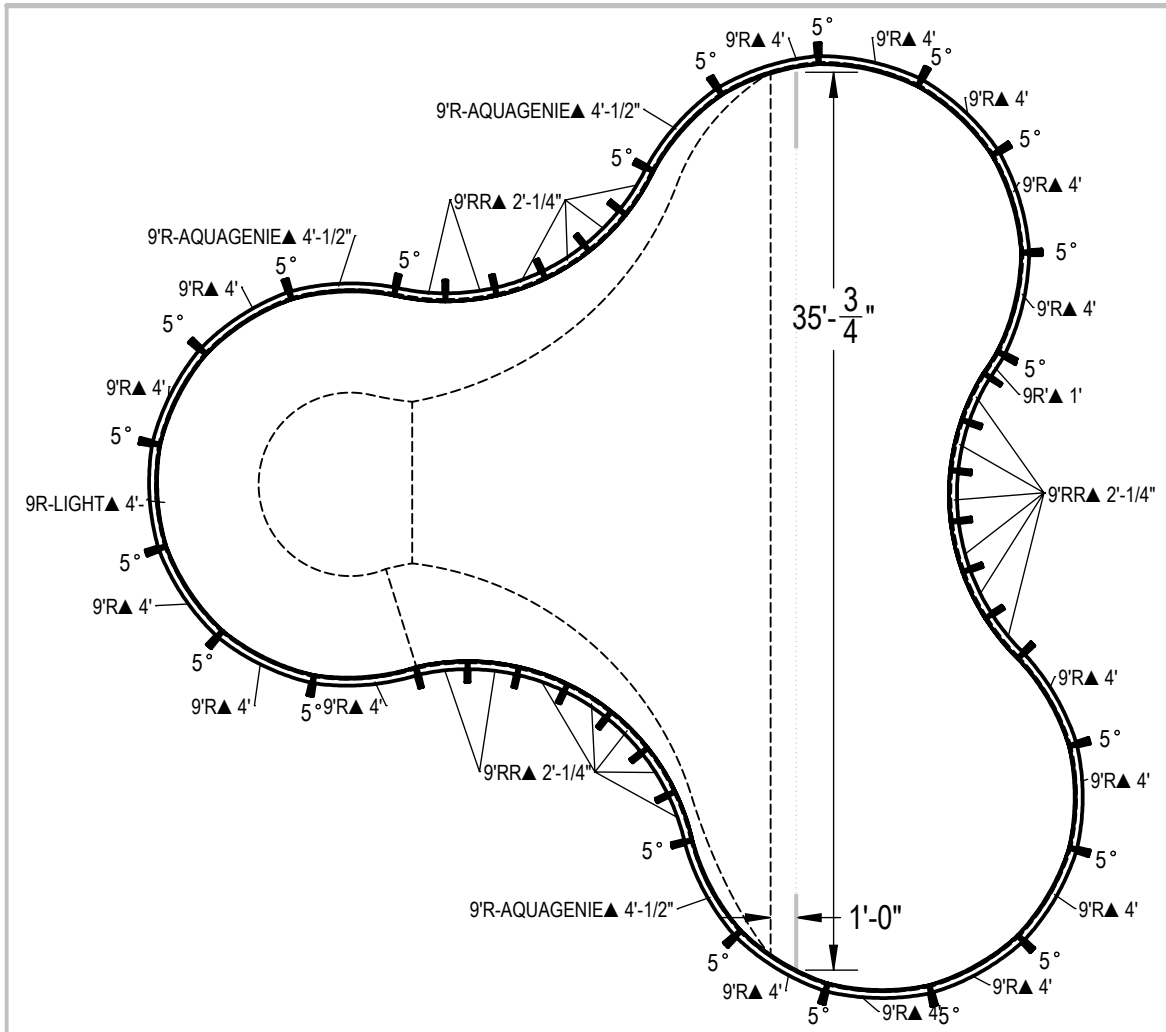
REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY
A	RELEASED FOR PRODUCTION	1/13/2014		RCOLBOCH
B	CHANGED HP215 PART NUMBER	2/28/2014		RCOLBOCH
C	UPDATED TAG DATA TO INCLUDE COPING LENGTHS.	1/26/2015	391702	JBOSSERDET



ITEM	FILE NAME	DESCRIPTION	CUSTOMER DRAWING #	VENDOR PART #	QTY.	VENDOR NAME	MATERIAL
1	BRACE	BRACE, 4 TAB, HYDRA - 100 SERIES	HP199	HP199	41	HYDRA POOLS	PS
2	INSERT, 5° WEDGE	INSERT, 5° WEDGE	HP226	HP226	21	HYDRA POOLS, IA	PP Homopolymer
3	PANEL, 9' RADIUS WITH AQUA GENIE	PANEL, 9' RADIUS WITH AQUAGENIE - 100 SERIES	HP159A	HP159A	3	HYDRA POOLS	PS
4	PANEL, 9' RADIUS WITH LIGHT	PANEL, 9' RADIUS WITH LIGHT - 100 SERIES	HP159LL	HP159LL	1	HYDRA POOLS	PS
5	PANEL, 9' RADIUS, 1' LONG	PANEL, 9' RADIUS, 1' LONG - 100 SERIES	HP115	HP115	1	HYDRA POOLS	PS
6	PANEL, 9' RADIUS, 4' LONG	PANEL, 9' RADIUS, 4' LONG - 100 SERIES	HP159	HP159	16	HYDRA POOLS	PS
7	PANEL, 9' REVERSE RADIUS	PANEL, 9' REVERSE RADIUS - 100 SERIES	HP119N	HP119N	19	HYDRA POOLS	PS

NOTES:
1. THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
3. THE IDEAL WATER LEVER 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: 00005059

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

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: 1/9/2014
DETAILED BY: JBOSSERDET
DETAILED DATE: 10/5/2012
LAST REVISED BY: jbosserdet
LAST REVISED DATE: 1/26/2015
MATERIAL:

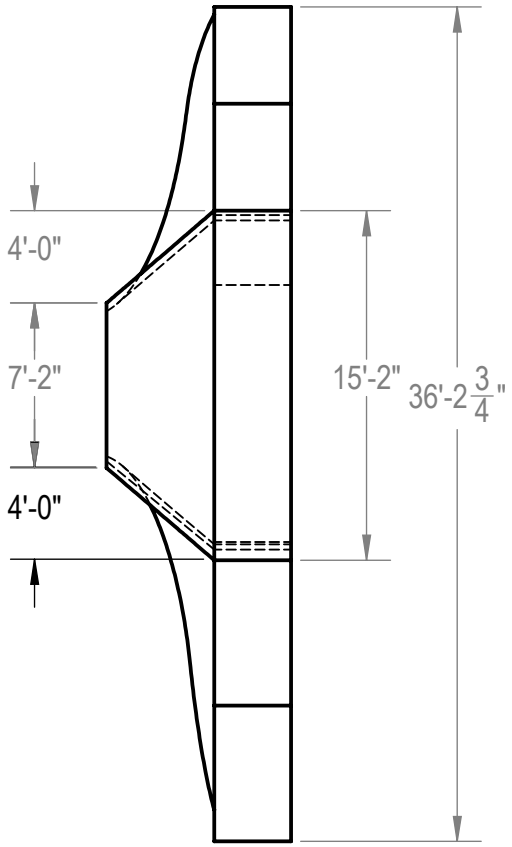
HYDRA POOLS

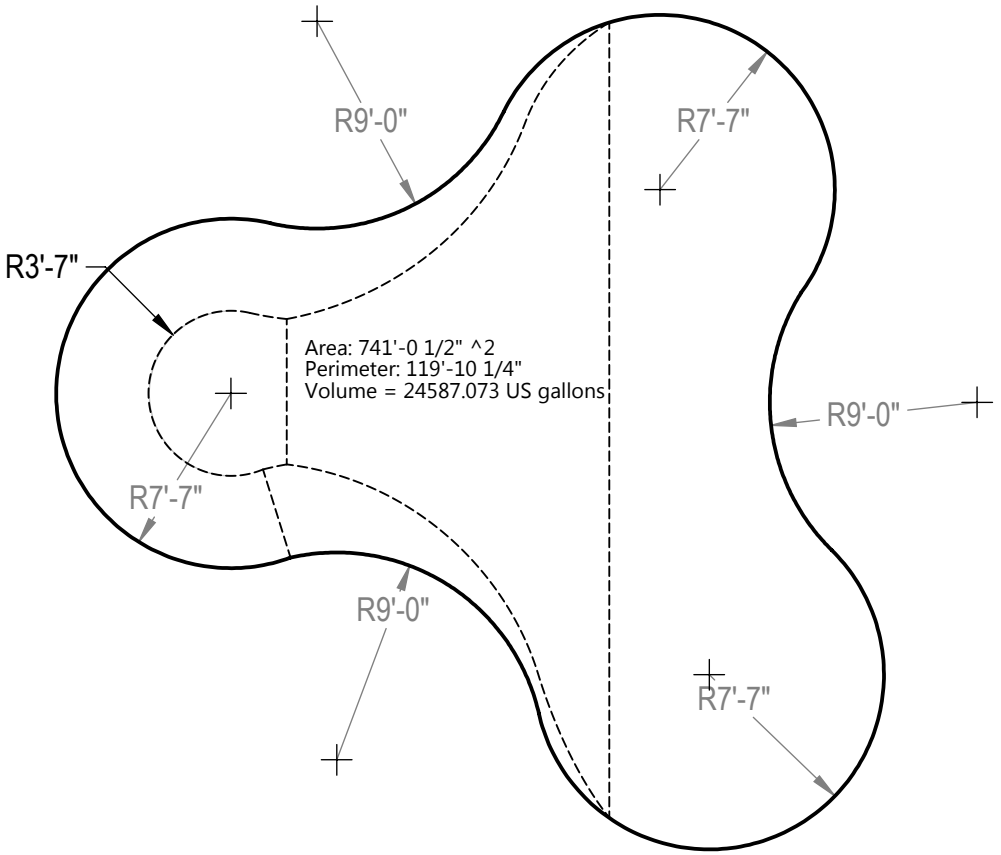
TITLE: LAYOUT, 35'-11" X 36'-2", AMEBA, 8' DEEP, 100 SERIES

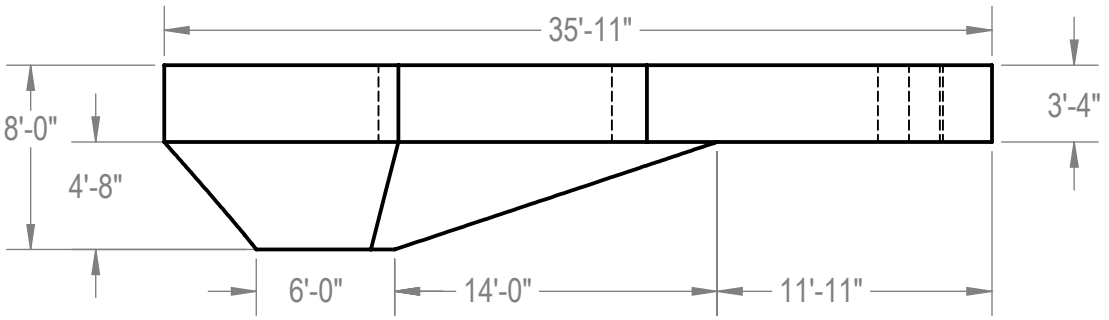
PART NUMBER: 10951

SCALE: 1:192
SIZE: A
SHEET: 1 OF 6

C:\PDMworking\00005059







NOTES:

1. THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
3. THE IDEAL WATER LEVER 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:

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ENGINEERING DRAWING NUMBER: 00005059

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

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:	1/9/2014
DETAILED BY:	JBOSSERDET	DETAILED DATE:	10/5/2012
LAST REVISED BY:	jbosserdet	LAST REVISED DATE:	1/26/2015
MATERIAL:			

HYDRA POOLS

TITLE: LAYOUT, 35'-11" X 36'-2", AMEBA, 8' DEEP, 100 SERIES

PART NUMBER: 10951

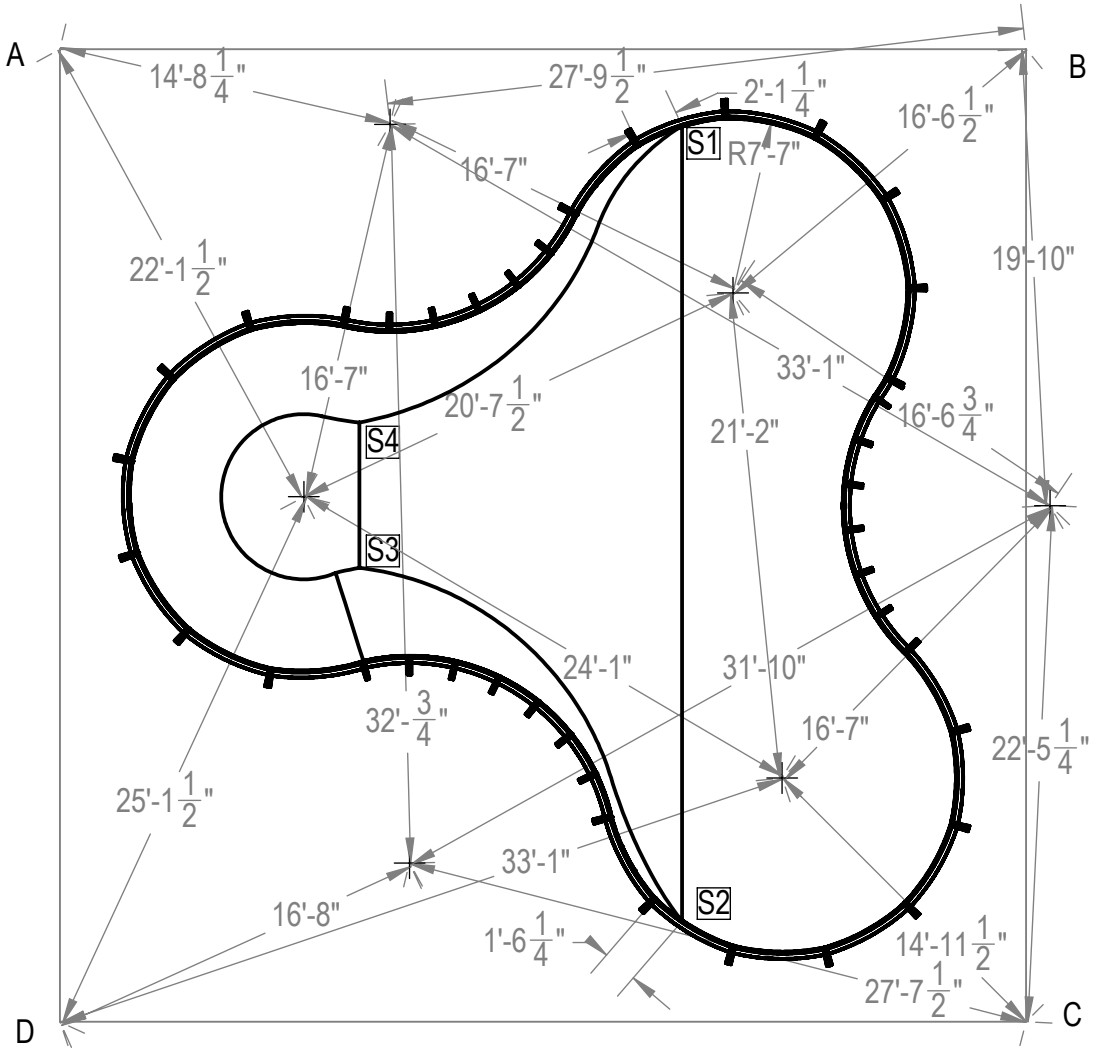
SCALE: 1:192

SIZE: A

SHEET: 2 OF 6

C:\PDMworking\00005059

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 LEVER 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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ENGINEERING DRAWING NUMBER: 00005059

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

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: 1/9/2014
DETAILED BY: JBOSSERDET
DETAILED DATE: 10/5/2012
LAST REVISED BY: jbosserdet
LAST REVISED DATE: 1/26/2015
MATERIAL:

HYDRA POOLS

TITLE: LAYOUT, 35'-11" X 36'-2", AMEBA, 8' DEEP, 100 SERIES

PART NUMBER: 10951

SCALE: 1:192
SHEET: 3 OF 6
SIZE: A

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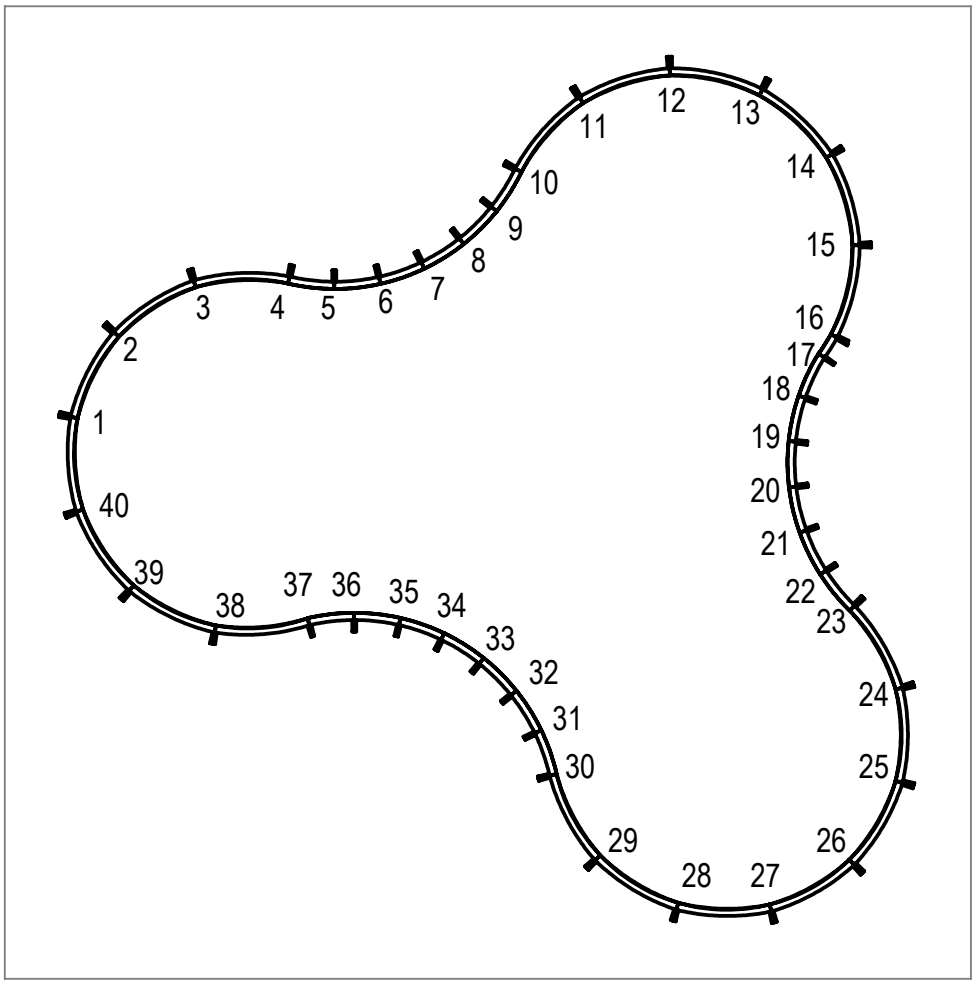
	A	B	C	D
1	18'-2"	42'-8 1/4"	45'-9 1/4"	24'-6 1/2"
2	15'-2 1/4"	39'-8"	46'-3 1/2"	28'-3 3/4"
3	14'-9"	35'-9 1/4"	45'-1"	31'-1 3/4"
4	17'-2 1/2"	31'-11 3/4"	42'-3 1/2"	32'-7"
5	18'-10"	30'-2 3/4"	40'-9"	33'-2 1/4"
6	20'-3 1/4"	28'-3 3/4"	39'-7"	34'-3 1/2"
7	21'-5 3/4"	26'-3 3/4"	38'-10 3/4"	35'-9 3/4"
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"



ENGINEERING DRAWING NUMBER: 00005059

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

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: 1/9/2014
DETAILED BY: JBOSSERDET	DETAILED DATE: 10/5/2012
LAST REVISED BY: jbosserdet	LAST REVISED DATE: 1/26/2015
MATERIAL:	

HYDRA POOLS

TITLE: LAYOUT, 35'-11" X 36'-2", AMEBA, 8' DEEP, 100 SERIES

PART NUMBER: 10951

SCALE: 1:192
SHEET: 4 OF 6
SIZE: A

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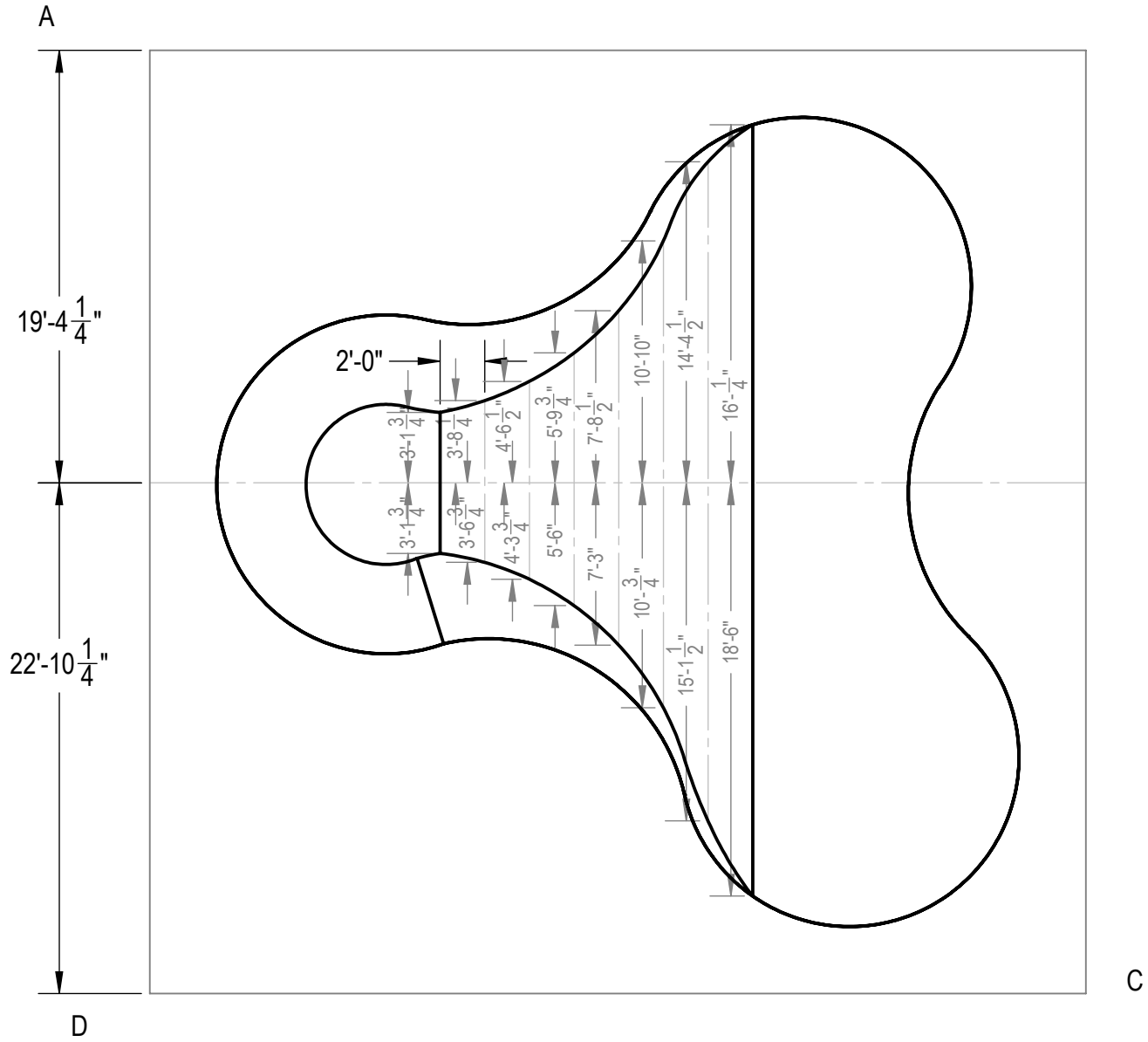

ENGINEERING DRAWING NUMBER: 00005059	WEIGHT: lbs VOLUME: Inch³ COLOR: NA HEAT TREAT: NA FINISH: NA TEXTURE: NA	**UNLESS OTHERWISE SPECIFIED** DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005 ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION	DESIGNED BY: RCOLBOCH CREATION DATE: 1/9/2014 DETAILED BY: JBOSSERDET DETAILED DATE: 10/5/2012 LAST REVISED BY: jbosserdet LAST REVISED DATE: 1/26/2015 MATERIAL:	HYDRA POOLS TITLE: LAYOUT, 35'-11" X 36'-2", AMEBA, 8' DEEP, 100 SERIES PART NUMBER: 10951	SCALE: 1:192 SIZE: A SHEET: 5 OF 6

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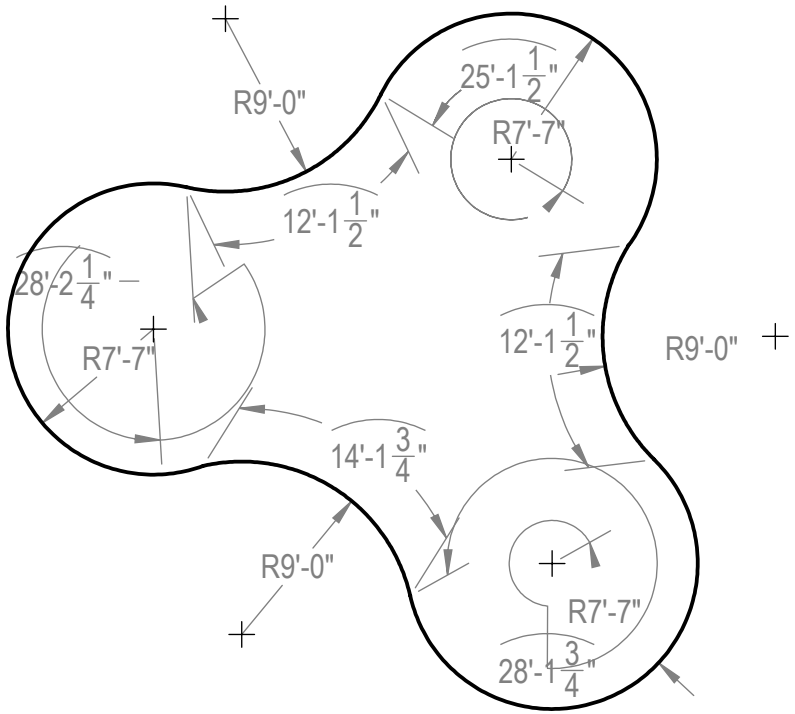

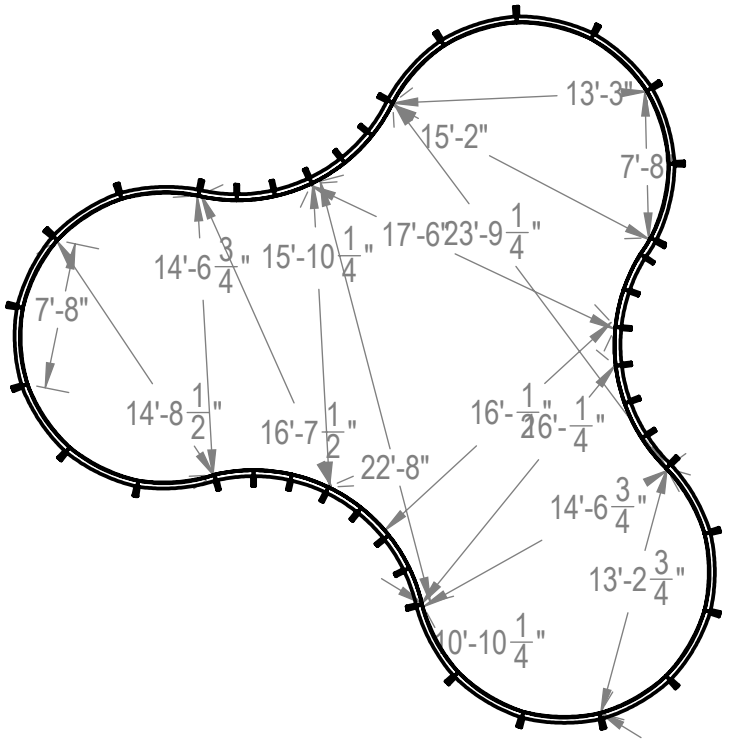

ENGINEERING DRAWING NUMBER: 00005059

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

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:	1/9/2014
DETAILED BY:	JBOSSERDET	DETAILED DATE:	10/5/2012
LAST REVISED BY:	jbosserdet	LAST REVISED DATE:	1/26/2015
MATERIAL:			

HYDRA POOLS

TITLE: LAYOUT, 35'-11" X 36'-2", AMEBA, 8' DEEP, 100 SERIES

PART NUMBER: 10951

SCALE: 1:192

SIZE: A

SHEET: 6 OF 6

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