MIRROR NUMBER:

MADE FROM: 00008394

CHECK IN DATETIME: Wednesday, January 31, 2018 4:46:25 PM

32'R▲ 8'/1084

32'R▲ 7'

6'R▲ 5'/INLET

6'R▲ 3'/INLET

13°

6'R▲ 6'/LIGHT

NON-DIVING
DIVING EQUIPMENT PROHIBITED

11

13°

6'R▲ 7'

6'R▲ 2'- 7 1/4"

5'RR▲ 6'

6'R▲ 7'

6'R▲ 3'/INLET

ITEM	FILE NAME	DESCRIPTION	CUSTOMER DRAWING #	VENDOR PART #	QTY.
1	BOLT, PACK	BOLT, FLANGE, 3/8-16 X 1", PACK (50)	HPS1916	HPS1916	3
2	SBRACE	BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB	HPSFOB	HPSFOB	11
3	PANEL, RADIUS	PANEL, 32' RADIUS, 7' LONG, 600 SERIES	HPSCR8	00002381	1
4	PANEL, RADIUS	PANEL, 32' RADIUS, 8' LONG, 1084, 600 SERIES	HPS32R884	00001026	1
5	PANEL, RR	PANEL, 5' REVERSE RADIUS, 6' LONG, 600 SERIES	HPSCRR7	00002130	1
6	PANEL, RADIUS	PANEL, 6' RADIUS, 2'-7 1\4" LONG, 600 SERIES	HPSCR3	00005909	1
7	PANEL, RADIUS	PANEL, 6' RADIUS, 3' LONG, INLET, 600 SERIES	HPSCR4	00007532	2
8	PANEL, RADIUS	PANEL, 6' RADIUS, 5' LONG, INLET, 600 SERIES	HPSCR6	00006489	1
9	PANEL, RADIUS	PANEL, 6' RADIUS, 6' LONG, LIGHT, 600 SERIES	HPSD6R6L	00000298	1
10	PANEL, RADIUS	PANEL, 6' RADIUS, 7' LONG, 600 SERIES	HPSD6R7	00000299	2
11	HS106N	STEP, 8' RADIUS, 3 TREAD	HS106N	HS106N	1
12	PANEL, WEDGE	WEDGE, 42" X 2 1\2" X 2 1\2" X 13°	HPSD13W	00004886	2

ENGINEERING DRAWING NUMBER: 00017489

WEIGHT:
"SW-Mass@00002000.SLDPRT"
Volume@00002000.SLDPRT" inch³

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: BUMPHREY	CREATION DATE: 4/19/2013
DETAILED BY: BUMPHREY	DETAILED DATE: 1/31/2018
LAST REVISED BY: bumphrey	LAST REVISED DATE: 1/31/2018
MATERIAL: "SW-Material@00002000.SLDPRT"	

HYDRA POOLS

TITLE: LAYOUT, 12' X 24', KIDNEY, LEFT, 6' DEEP, HS106N, LIGHT, 1084, 3-INLET, 600 SERIES

PART NUMBER: 00017489

SCALE: 1:96

SIZE: A

SHEET: 1 OF 4

12'8 $\frac{3}{4}$ "

3'4"

12'0"

5'4"

NON-DIVING
DIVING EQUIPMENT PROHIBITED

12'2 $\frac{3}{4}$ "

23'9 $\frac{1}{2}$ "

6'0"

2'8"

3'0"   6'0"   8'0"   6'9 $\frac{1}{2}$ "
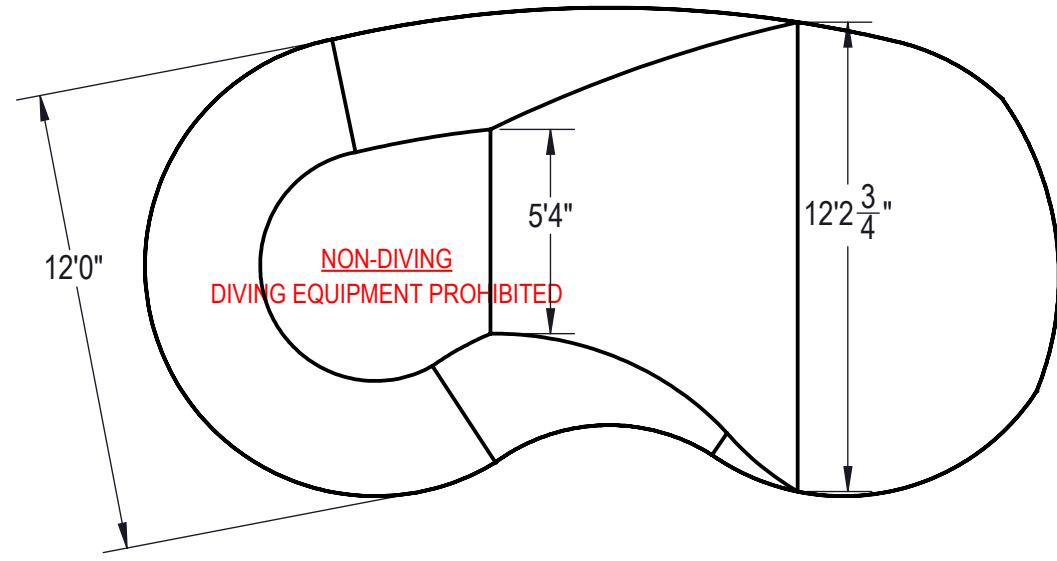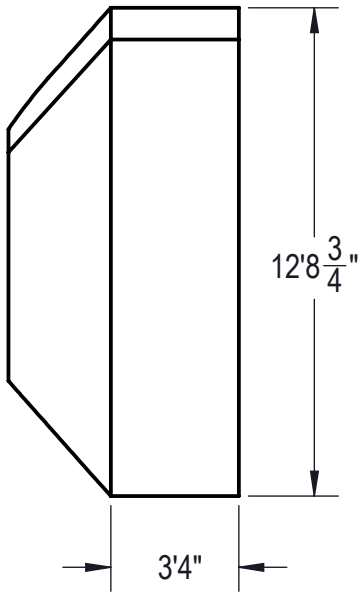
Area: 252.79ft ^2
Perimeter: 62.60ft
Volume = 8230 US gallons
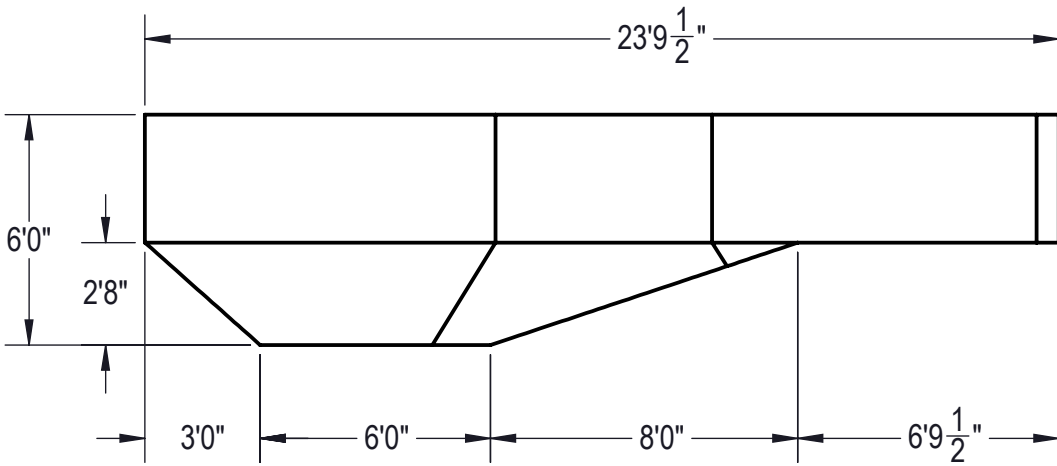
NOTES:
1. THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
3. ROPE AND FLOAT ASSEMBLY SHOULD BE INSTALLED IN ACCORDANCE WITH CURRENT ANSI/ASPS/ICC REGULATIONS
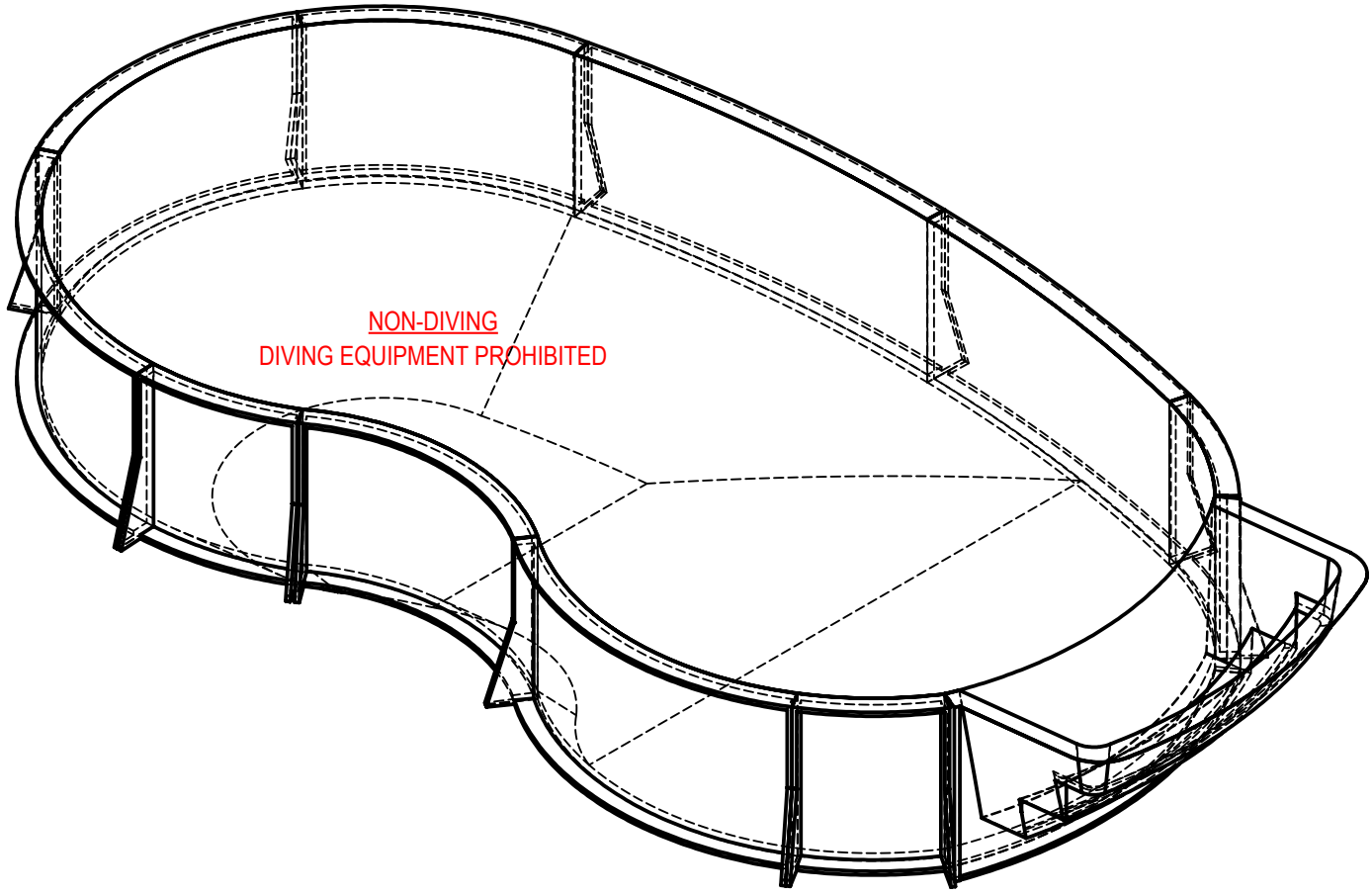4. HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.

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. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS
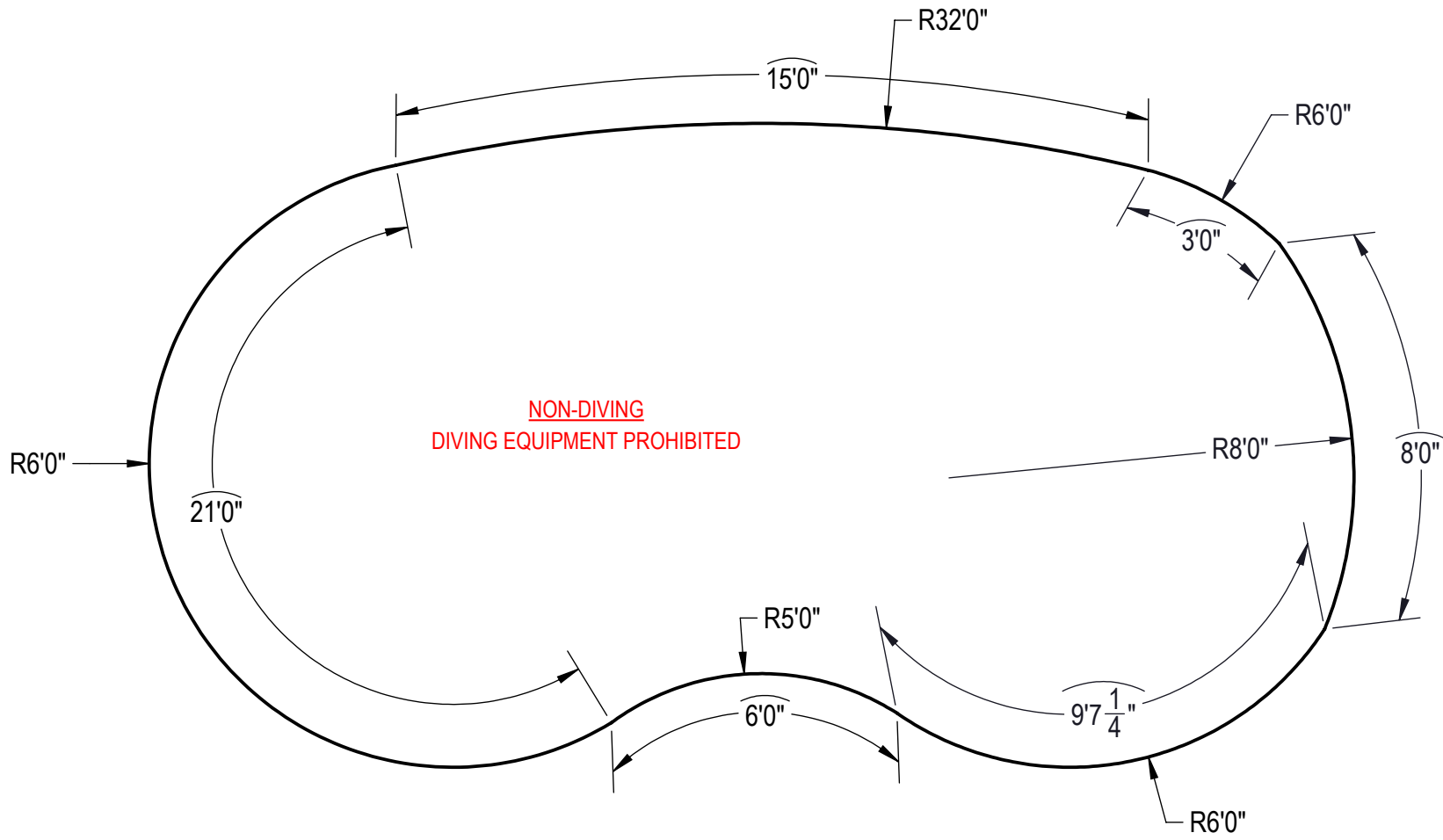
IMPORTANT NOTES:
THIS DOCUMENT IS FOR ILLUSTRATIVE PURPOSES ONLY. THE DEALER OR CONTRACTOR WHO SELLS OR INSTALLS YOUR POOL IS AN INDEPENDENT CONTRACTOR AND IS NOT AN AGENT OF THE MANUFACTURER. THE CONSTRUCTION METHODS ILLUSTRATED HERE ARE SUGGESTIONS AND APPLY ONLY TO NORMAL GROUND CONDITIONS. THERE MAY BE ADDITIONAL PRECAUTIONS AND/OR METHODS OF CONSTRUCTION. PROPER INSTALLATION IS THE RESPONSIBILITY OF THE DEALER/BUILDER/CONTRACTOR.

		UNLESS OTHERWISE SPECIFIED	DESIGNED BY: BUMPHREY	CREATION DATE: 4/19/2013	HYDRA POOLS
WEIGHT: 68679.238 lbs		DIMENSIONS ARE IN INCHES TOLERANCES			
VOLUME: 1901035.288 Inch³		DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005	DETAILED BY: BUMPHREY	DETAILED DATE: 1/31/2018	
COLOR: NA			LAST REVISED BY: bumphrey	LAST REVISED DATE: 1/31/2018	TITLE: LAYOUT, 12' X 24', KIDNEY, LEFT, 6' DEEP, HS106N, LIGHT, 1084, 3-INLET, 600 SERIES
HEAT TREAT: NA		ANGULAR: X ± 0.5	MATERIAL: Material <not specified>		
FINISH: NA		THIRD ANGLE PROJECTION			
TEXTURE: NA		◎ ⊲			
ENGINEERING DRAWING NUMBER: 00017489			PART NUMBER: 00017489		SCALE: 1:96 SIZE: A SHEET: 2 OF 4

NON-DIVING
DIVING EQUIPMENT PROHIBITED

WEIGHT: "SW-Mass@00002000.SLDPRT" Volume@00002000.SLDPRT inch³	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: BUMPHREY	CREATION DATE: 4/19/2013	HYDRA POOLS
		DETAILED BY: BUMPHREY	DETAILED DATE: 1/31/2018	
HEAT TREAT: NA		LAST REVISED BY: bumphrey	LAST REVISED DATE: 1/31/2018	TITLE: LAYOUT, 12' X 24', KIDNEY, LEFT, 6' DEEP, HS106N, LIGHT, 1084, 3-INLET, 600 SERIES
FINISH: NA		MATERIAL: "SW-Material@00002000.SLDPRT"		
TEXTURE: NA				

ENGINEERING DRAWING NUMBER: 00017489

PART NUMBER: 00017489

SCALE: 1:96

SIZE: A

SHEET: 3 OF 4

R32'0"

15'0"

R6'0"

3'0"

R6'0"

NON-DIVING
DIVING EQUIPMENT PROHIBITED

R8'0"

8'0"

21'0"

R5'0"

6'0"

9'7 $\frac{1}{4}$ "

R6'0"

WEIGHT: 68679.238 lbs	**UNLESS OTHERWISE SPECIFIED**	DESIGNED BY: BUMPHREY	CREATION DATE: 4/19/2013	HYDRA POOLS	
VOLUME: 1901035.288 Inch³	DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1	DETAILED BY: BUMPHREY	DETAILED DATE: 1/31/2018		
COLOR: NA	XX ± .01 XXX ± .001 XXXX ± .0005	LAST REVISED BY: bumphrey	LAST REVISED DATE: 1/31/2018	TITLE: LAYOUT, 12' X 24', KIDNEY, LEFT, 6' DEEP, HS106N, LIGHT, 1084, 3-INLET, 600 SERIES	
HEAT TREAT: NA	ANGULAR: X ± 0.5	MATERIAL: Material <not specified>			
FINISH: NA	THIRD ANGLE PROJECTION				
TEXTURE: NA			PART NUMBER: 00017489	SCALE: 1:96	SIZE: A
				SHEET: 4 OF 4	

ENGINEERING DRAWING NUMBER: 00017489