MIRROR NUMBER:

MADE FROM: *00015313*

CHECK IN DATE/TIME: *Wednesday, April 04, 2018 8:36:54 AM*

6'-1084

4'-INLET

6'

4'R▲ 6'-3 3/8"

4'R▲ 6'-3 3/8"

4'-LIGHT

NON-DIVING
DIVING EQUIPMENT PROHIBITED

20'-0"

7

4'R▲ 6'-3 3/8"

4'R▲ 6'-3 3/8"

4'-INLET

8'

4'-INLET

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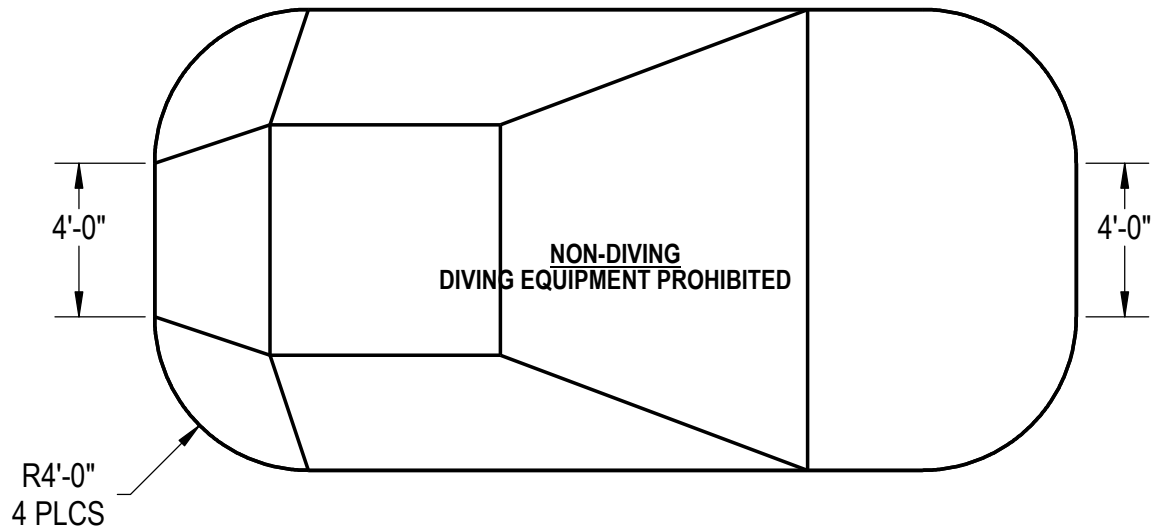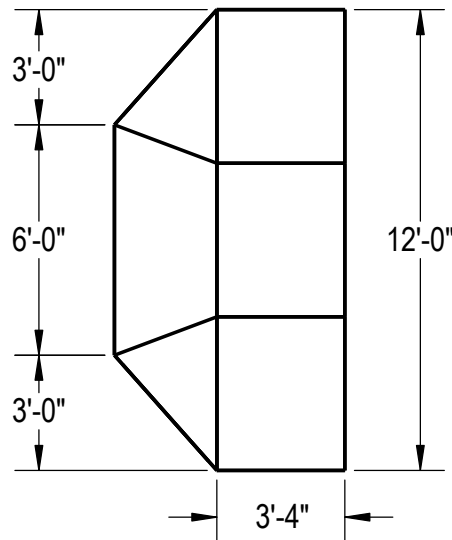
IMPORTANT NOTES:
THIS DOCUMENT IS FOR ILLUSTRATIVE PURPOSES ONLY. THE DEALER OR CONTRACTOR WHO SELLS OR INSTALLS YOUR POOL IS AN INDEPENDENT CONTRACTOR AND IS NOT AN AGENT OF THE MANUFACTURER. THE CONSTRUCTION METHODS ILLUSTRATED HERE ARE SUGGESTIONS AND APPLY ONLY TO NORMAL GROUND CONDITIONS. THERE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

ITEM	FILE NAME	DESCRIPTION	CUSTOMER DRAWING #	VENDOR PART #	QTY.
1	PANEL, STRAIGHT	PANEL, 6' LONG, 1084, 700 SERIES	HPSCS7	00006397	1
2	PANEL, STRAIGHT	PANEL, 6' LONG, 700 SERIES	HPSE106P	00002731	1
3	PANEL, STRAIGHT	PANEL, 8' LONG, 700 SERIES	HPSE108P	00004961	1
4	PANEL, STRAIGHT	PANEL, 4' LONG, INLET, 700 SERIES	HPSE104I	00006739	3
5	PANEL, STRAIGHT	PANEL, 4' LONG, LIGHT, 700 SERIES	HPSCS5	00008333	1
6	PANEL, RADIUS	PANEL, 4' RADIUS, 6'-3 3\8" LONG, 700 SERIES	HPSE4R	00002458	4
7	HS102N	STEP, 4' STRAIGHT, 3 TREAD	HS102N	HS102N	1
8	SBRACE	BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB	HPSFOB	HPSFOB	12
9	BOLT, PACK	BOLT, FLANGE, 3/8-16 X 1", PACK (50)	HPS1916	HPS1916	3

ENGINEERING DRAWING NUMBER: **00018130**

WEIGHT: **87866.9 lbs**
VOLUME: **Inch³**
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: **BUMPHREY**
DETAILED BY: **JRITTENHOUSE**
LAST REVISED BY: **rhouston**

CREATION DATE: **7/31/2013**
DETAILED DATE: **4/4/2018**
LAST REVISED DATE: **4/4/2018**

MATERIAL:

HYDRA POOLS

TITLE: **LAYOUT, 12' X 24' RECTANGLE, 4' RADIUS, 6' DEEP, HS102N, LIGHT, 1084, 3-INLETS, 700 SERIES**

PART NUMBER: **00018130**

SCALE: **1:48**
SIZE: **A**
SHEET: **1 OF 3**

C:\PDMWorking\00018130

3'-0"

6'-0"

3'-0"

12'-0"

3'-4"

4'-0"

**NON-DIVING
DIVING EQUIPMENT PROHIBITED**

4'-0"

R4'-0"
4 PLCS

24'-0"

6'-0"

2'-8"

3'-0"

6'-0"

8'-0"

7'-0"

**Area: 274.27ft ^2
Perimeter: 65.13ft
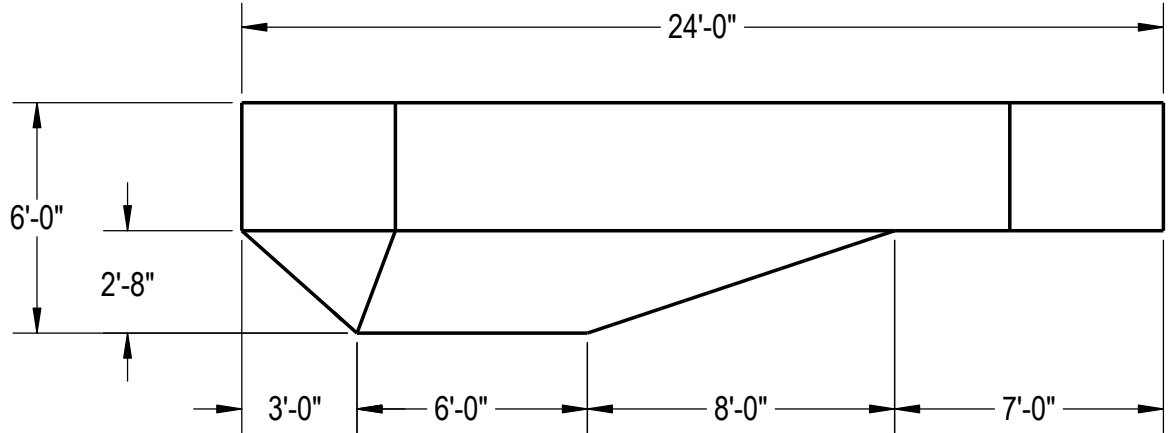Volume = 8967 US gallons**

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.
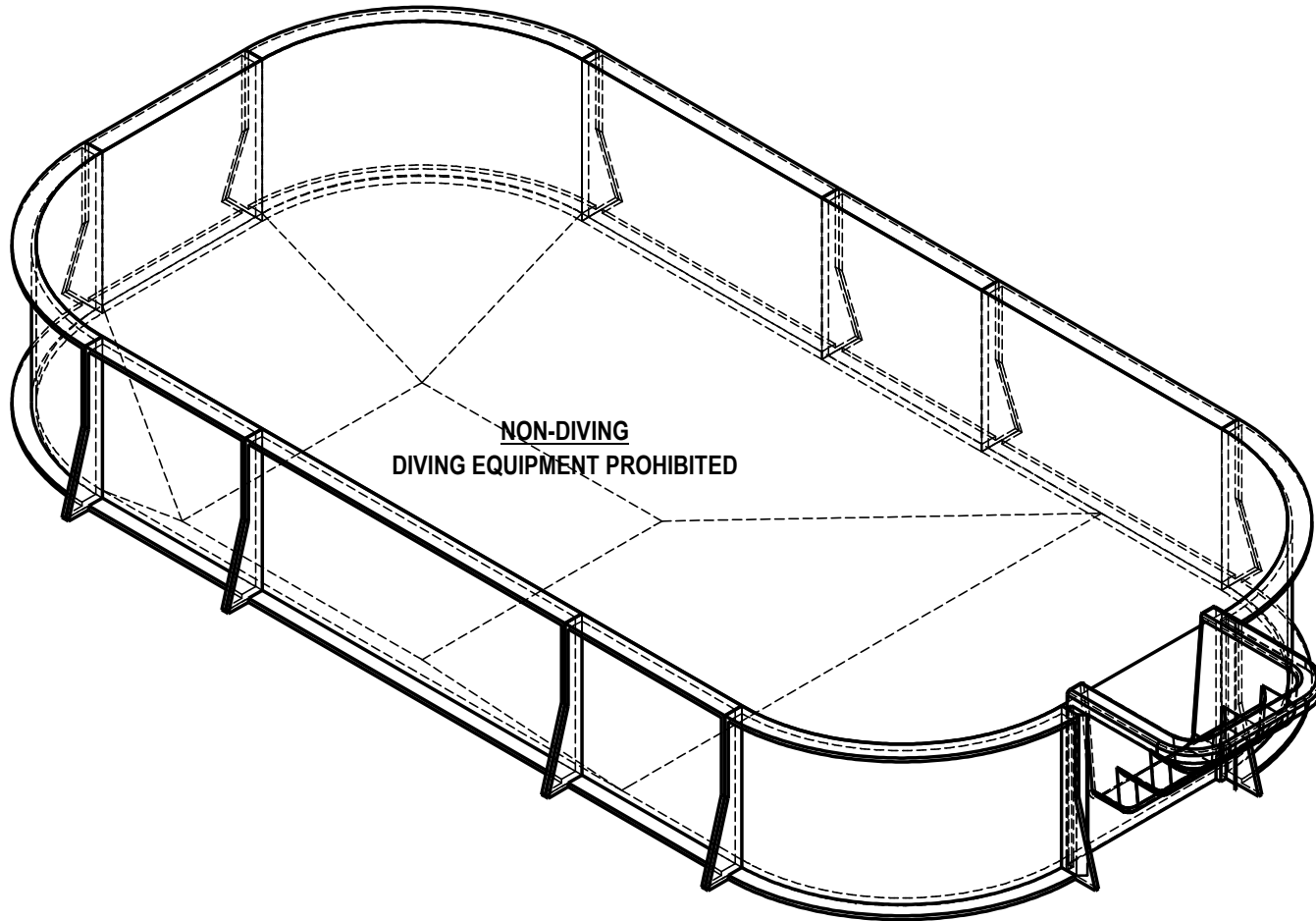
EXCAVATION NOTES:
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
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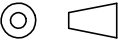
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ENGINEERING DRAWING NUMBER:
00018130

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WEIGHT: **74837.163 lbs**	UNLESS OTHERWISE SPECIFIED	DESIGNED BY: **BUMPHREY**	CREATION DATE: **7/31/2013**	**HYDRA POOLS**
VOLUME: **2071486.113 Inch³**	DIMENSIONS ARE IN INCHES TOLERANCES	DETAILED BY: **JRITTENHOUSE**	DETAILED DATE: **4/4/2018**	
COLOR: **NA**	DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005	LAST REVISED BY: **rhouston**	LAST REVISED DATE: **4/4/2018**	TITLE: **LAYOUT, 12' X 24' RECTANGLE, 4' RADIUS, 6' DEEP, HS102N, LIGHT, 1084, 3-INLETS, 700 SERIES**
HEAT TREAT: **NA**				
FINISH: **NA**	ANGULAR: X ± 0.5	MATERIAL: **Water**		
TEXTURE: **NA**	THIRD ANGLE PROJECTION			

PART NUMBER: **00018130**

SCALE: **1:96**

SIZE: **A**

SHEET: **2 OF 3**

NON-DIVING
DIVING EQUIPMENT PROHIBITED

WEIGHT: **87866.9 lbs**	**UNLESS OTHERWISE SPECIFIED**	DESIGNED BY: **BUMPHREY**	CREATION DATE: **7/31/2013**	**HYDRA POOLS**
VOLUME: **Inch³**	DIMENSIONS ARE IN INCHES TOLERANCES	DETAILED BY: **JRITTENHOUSE**	DETAILED DATE: **4/4/2018**	
COLOR:	DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005	LAST REVISED BY: **rhouston**	LAST REVISED DATE: **4/4/2018**	TITLE: **LAYOUT, 12' X 24' RECTANGLE, 4' RADIUS, 6' DEEP, HS102N, LIGHT, 1084, 3-INLETS, 700 SERIES**
HEAT TREAT:		MATERIAL:		
FINISH:	ANGULAR: X ± 0.5			
TEXTURE:	THIRD ANGLE PROJECTION			

ENGINEERING DRAWING NUMBER: **00018130**

PART NUMBER: **00018130**

SCALE: **1:48**
SIZE: **A**
SHEET: **3 OF 3**

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