MIRROR NUMBER:

MADE FROM: *00013948*

CHECK IN DATE/TIME: *Thursday, December 14, 2017 11:01:37 AM*

6'-INLET 8'-1084 4'-INLET 8'-1084 6'-INLET

2'R▲ 3'-2" 2'R▲ 3'-2"

3' 3'

8'-LIGHT

TYPE-2 DIVING

38'8"

36'8 $\frac{1}{2}$ "

3'

10

3' 3'

2'R▲ 3'-2" 2'R▲ 3'-2"

8' 8' 8' 8'

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.
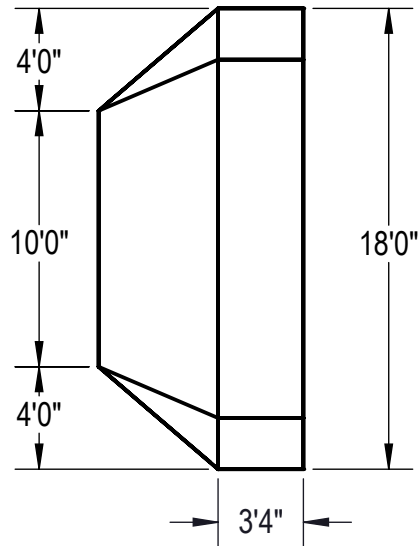
EXCAVATION NOTES:
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
9. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
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	BOLT, PACK	BOLT, FLANGE, 3/8-16 X 1", PACK (50)	HPS1916	HPS1916	5
2	SBRACE	BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB	HPSFOB	HPSFOB	19
3	PANEL, RADIUS	PANEL, 2' RADIUS, 3-2" LONG, 700 SERIES	HPSE2R	00002541	4
4	PANEL, STRAIGHT	PANEL, 3' LONG, 700 SERIES	HPSE103P	00002661	4
5	PANEL, STRAIGHT	PANEL, 4' LONG, INLET, 700 SERIES	HPSE104I	00006739	1
6	PANEL, STRAIGHT	PANEL, 6' LONG, INLET, 700 SERIES	HPSE106I	00006322	2
7	PANEL, STRAIGHT	PANEL, 8' LONG, 1084, 700 SERIES	HPSE10884	00004966	2
8	PANEL, STRAIGHT	PANEL, 8' LONG, 700 SERIES	HPSE108P	00004961	4
9	PANEL, STRAIGHT	PANEL, 8' LONG, LIGHT, 700 SERIES	HPSE108L	00004962	1
10	HS110N	STEP, 8', TWIN SEAT, 4 TREAD	HS110N	HS110N	1

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

ENGINEERING DRAWING NUMBER: 00016951

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: 4/18/2013
DETAILED BY: BUMPHREY
DETAILED DATE: 12/14/2017
LAST REVISED BY: bumphrey
LAST REVISED DATE: 12/14/2017

HYDRA POOLS

TITLE: LAYOUT, 18' X 36' RECTANGLE, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES
MATERIAL:

PART NUMBER: 00016951
SCALE: 1:128
SIZE: A
SHEET: 1 OF 4

4'0"

10'0"

4'0"

18'0"

3'4"

TYPE-2 DIVING

R2'0"
4 PLCS

Area: 644.57ft ^2
Perimeter: 104.57ft
Volume = 23802 US gallons

36'0"

8'0"

4'8"

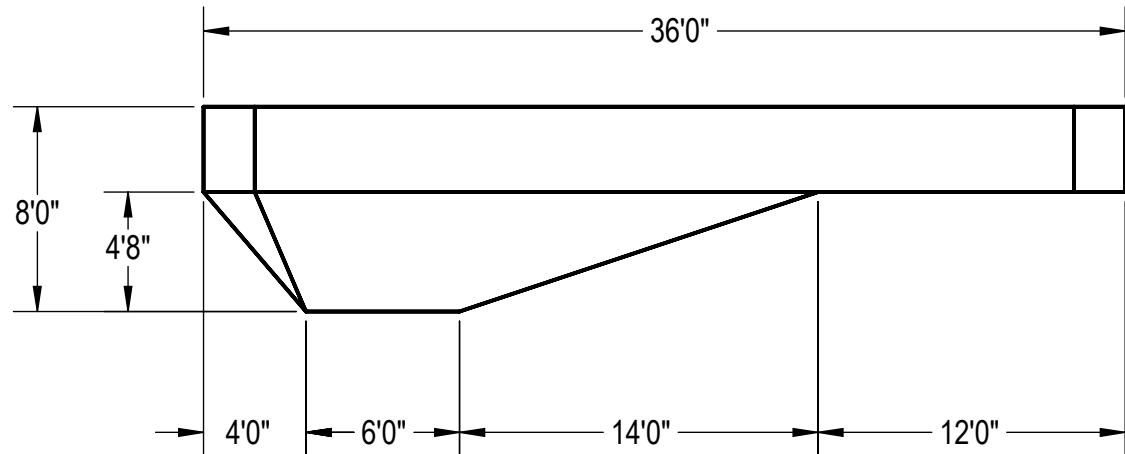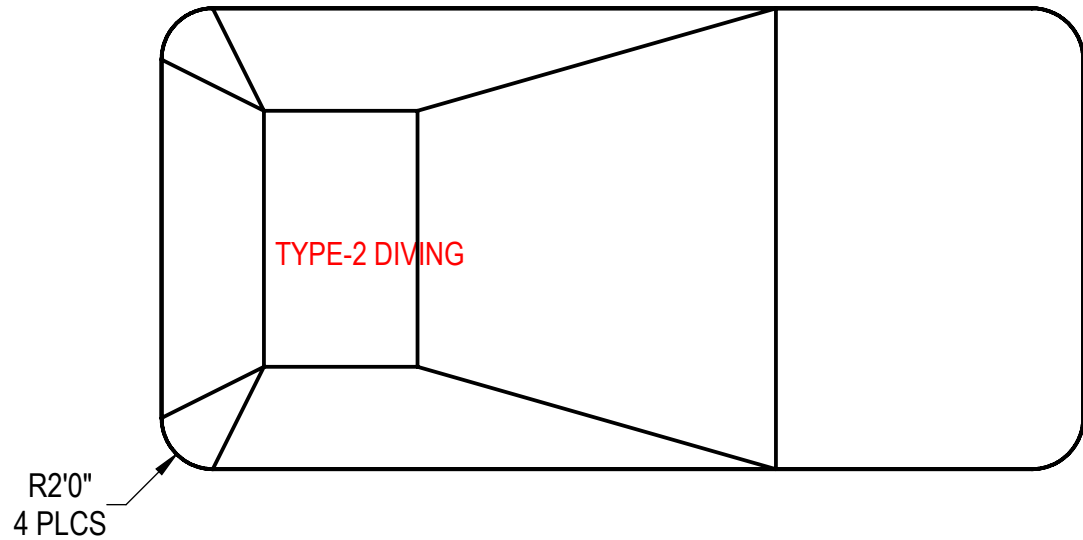4'0"   6'0"   14'0"   12'0"

NOTES:
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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
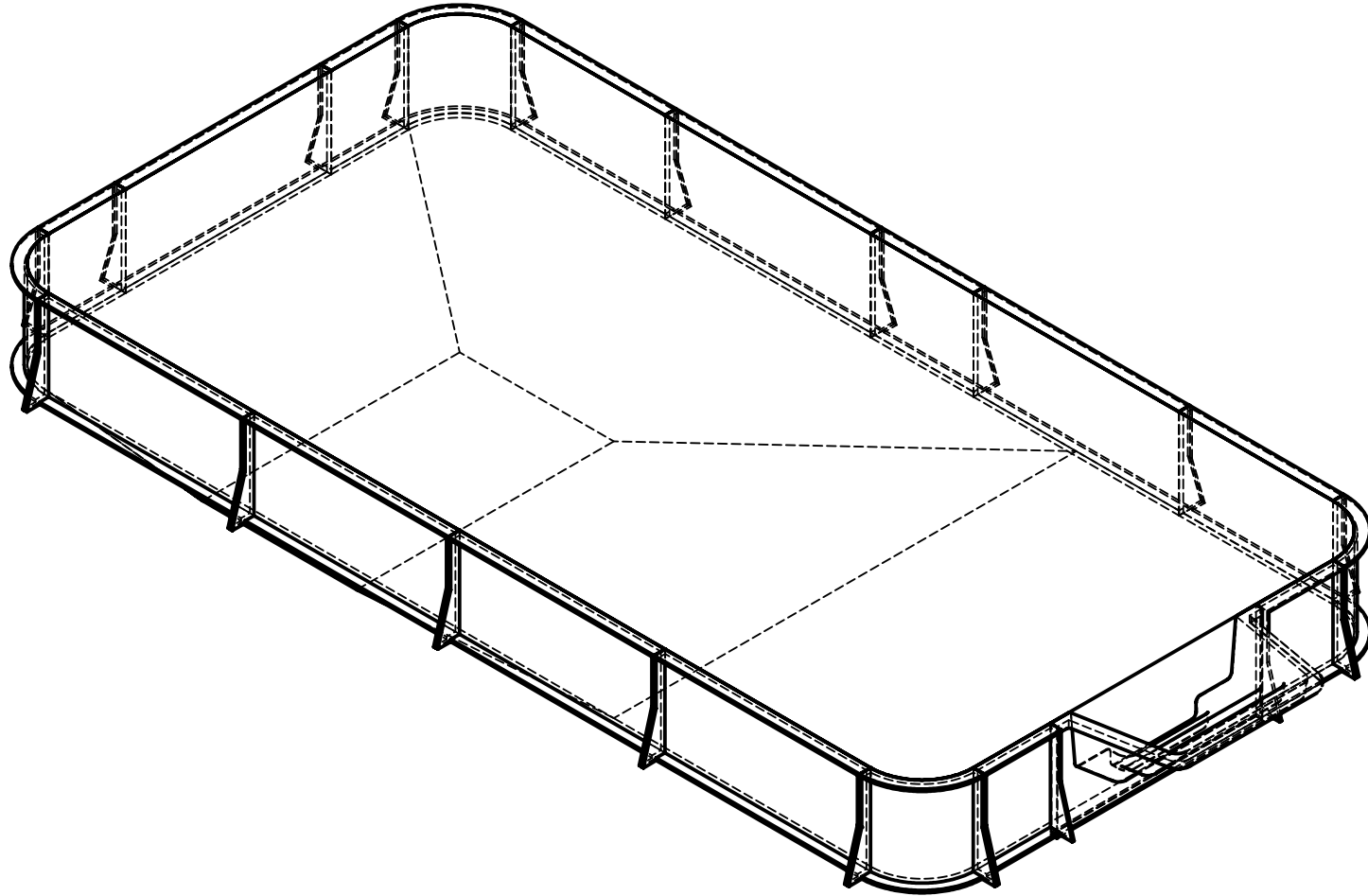   STEP.
EXCAVATION NOTES:
5.   ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6.   SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7.   LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
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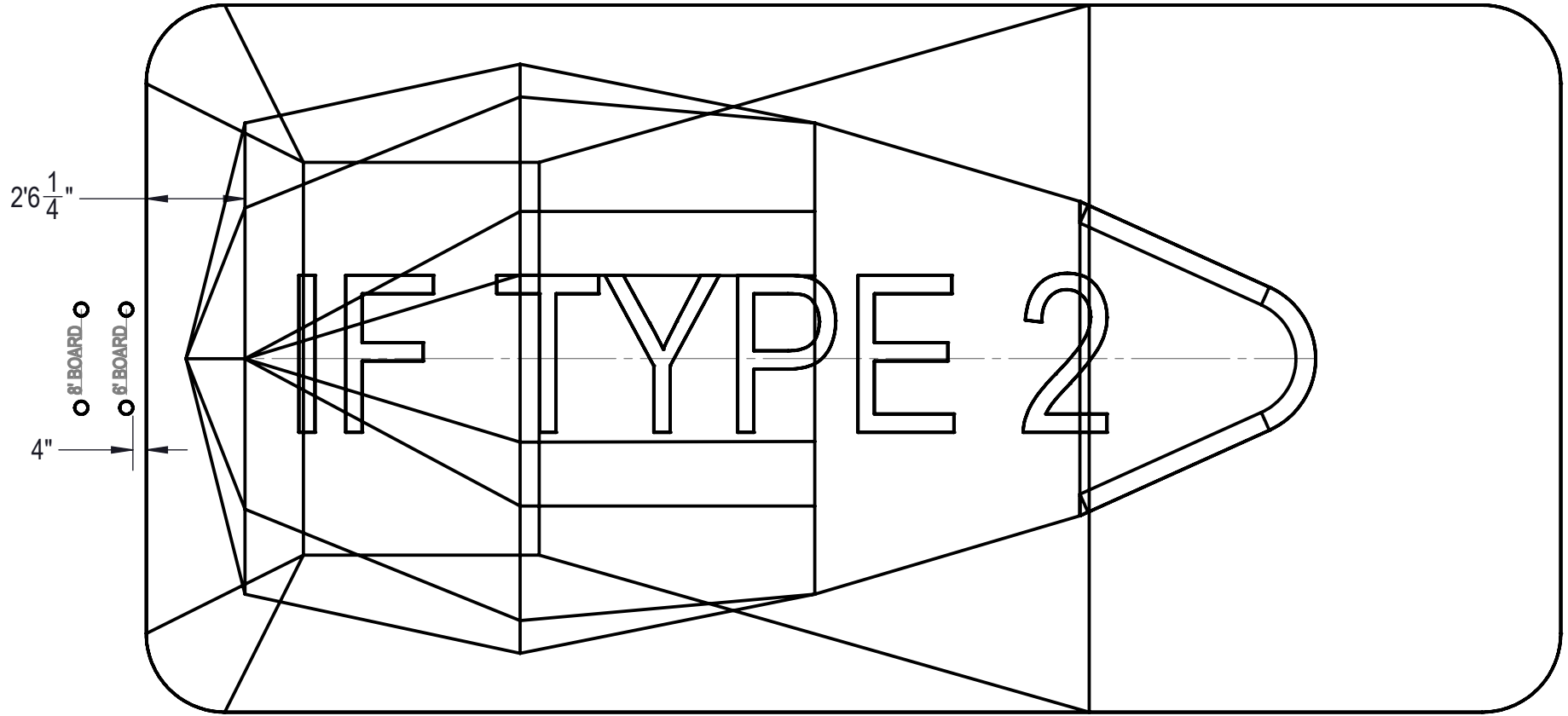IMPORTANT NOTES:
        THIS DOCUMENT IS FOR ILLUSTRATIVE PURPOSES ONLY. THE DEALER OR CONTRACTOR WHO
        SELLS OR INSTALLS YOUR POOL IS AN INDEPENDENT CONTRACTOR AND IS NOT AN AGENT OF THE
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        AND/OR METHODS OF CONSTRUCTION. PROPER INSTALLATION IS THE RESPONSIBILITY OF THE
        DEALER/BUILDER/CONTRACTOR.

WEIGHT: lbs	UNLESS OTHERWISE SPECIFIED	DESIGNED BY: BUMPHREY	CREATION DATE: 4/16/2013	HYDRA POOLS
VOLUME: Inch³	DIMENSIONS ARE IN INCHES TOLERANCES	DETAILED BY: BUMPHREY	DETAILED DATE: 12/14/2017	
COLOR: NA	DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005	LAST REVISED BY: bumphrey	LAST REVISED DATE: 12/14/2017	TITLE: LAYOUT, 18' X 36' RECTANGLE, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES
HEAT TREAT: NA		MATERIAL:		
FINISH: NA	ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION			
TEXTURE: NA		PART NUMBER: 00016951		SCALE: 1:128
				SIZE: A
				SHEET: 2 OF 4

ENGINEERING DRAWING NUMBER: 00016951

REV. LEVEL: A-REV. DATE: JULY 29, 2015-DOCUMENT ID: CF7308, ANSI A-LANDSCAPE

C:\PDMworking\00016951

WEIGHT:		UNLESS OTHERWISE SPECIFIED	DESIGNED BY:	CREATION DATE:	HYDRA POOLS
lbs		DIMENSIONS ARE IN INCHES	BUMPHREY	4/18/2013	
VOLUME: Inch³		TOLERANCES DECIMALS: X ± .1	DETAILED BY: BUMPHREY	DETAILED DATE: 12/14/2017	
COLOR: NA		XX ± .01 XXX ± .001 XXXX ± .0005	LAST REVISED BY: bumphrey	LAST REVISED DATE: 12/14/2017	TITLE: LAYOUT, 18' X 36' RECTANGLE, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES
HEAT TREAT: NA				MATERIAL:	
FINISH: NA		ANGULAR: X ± 0.5			
TEXTURE: NA		THIRD ANGLE PROJECTION			

ENGINEERING DRAWING NUMBER: 00016951

PART NUMBER: 00016951

SCALE: 1:60

SIZE: A

SHEET: 3 OF 4

2'6 $\frac{1}{4}$ "

8' BOARD   8' BOARD

4"

IF TYPE 2

			WEIGHT: lbs	**UNLESS OTHERWISE SPECIFIED**	DESIGNED BY: BUMPHREY	CREATION DATE: 4/18/2013	**HYDRA POOLS**		
			VOLUME: Inch³	DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1	DETAILED BY: BUMPHREY	DETAILED DATE: 12/14/2017			
			COLOR: NA	XX ± .01 XXX ± .001	LAST REVISED BY: bumphrey	LAST REVISED DATE: 12/14/2017	TITLE: LAYOUT, 18' X 36' RECTANGLE, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES		
			HEAT TREAT: NA	XXXX ± .0005		MATERIAL:			
			FINISH: NA	ANGULAR: X ± 0.5					
			TEXTURE: NA	THIRD ANGLE PROJECTION			PART NUMBER: 00016951	SCALE: 1:60	SIZE: A
								SHEET: 4 OF 4	

ENGINEERING DRAWING NUMBER: 00016951