REVISION HISTORY

REV.	DESCRIPTION	DATE	ECO	BY

Drawing labels (top): 8'-INLET, 8'-1084, 8'-INLET, 8'-1084, 8'-INLET, 2', 4'R▲ 6'-3 3/8"

4'R▲ 6'-3 3/8"

2'

8'-LIGHT

TYPE-2 DIVING

2'

51'5"

46'6 $\frac{1}{4}$"

9

2'

2'

4'R▲ 6'-3 3/8"

4'R▲ 6'-3 3/8"

Drawing labels (bottom): 8', 8', 8', 8', 8', 2'

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.
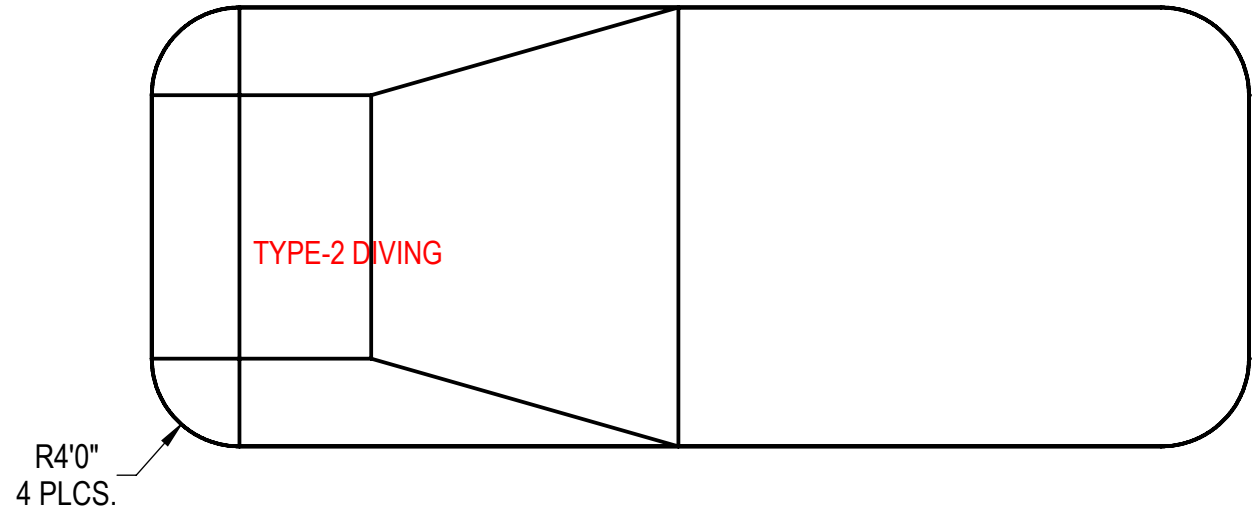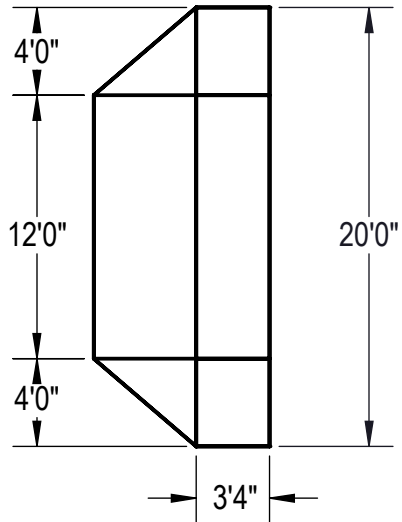
EXCAVATION NOTES:
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
9. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
10. BACK FILL WITH NON-EXPANSIVE MATERIAL.
11. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS
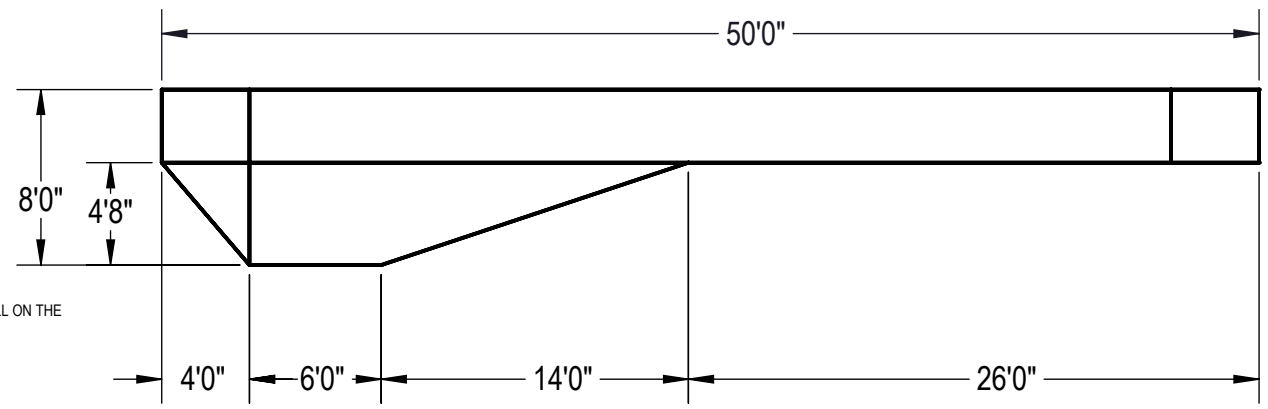
IMPORTANT NOTES:
THIS DOCUMENT IS FOR ILLUSTRATIVE PURPOSES ONLY. THE DEALER OR CONTRACTOR WHO SELLS OR INSTALLS YOUR POOL IS AN INDEPENDENT CONTRACTOR AND IS NOT AN AGENT OF THE MANUFACTURER. THE CONSTRUCTION METHODS ILLUSTRATED HERE ARE SUGGESTIONS AND APPLY ONLY TO NORMAL GROUND CONDITIONS. THERE 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	22
3	PANEL, STRAIGHT	PANEL, 2' LONG, 700 SERIES	HPSE102P	00005483	6
4	PANEL, RADIUS	PANEL, 4' RADIUS, 6'-3 3\8" LONG, 700 SERIES	HPSE4R	00002458	4
5	PANEL, STRAIGHT	PANEL, 8' LONG, 1084, 700 SERIES	HPSE10884	00004966	2
6	PANEL, STRAIGHT	PANEL, 8' LONG, 700 SERIES	HPSE108P	00004961	5
7	PANEL, STRAIGHT	PANEL, 8' LONG, INLET, 700 SERIES	HPSE108I	00004969	3
8	PANEL, STRAIGHT	PANEL, 8' LONG, LIGHT, 700 SERIES	HPSE108L	00004962	1
9	HS110N	STEP, 8', TWIN SEAT, 4 TREAD	HS110N	HS110N	1

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: BUMPHREY
CREATION DATE: 4/18/2013
DETAILED BY: BUMPHREY
DETAILED DATE: 1/22/2018
LAST REVISED BY: bumphrey
LAST REVISED DATE: 1/22/2018
MATERIAL:

HYDRA POOLS

TITLE: LAYOUT, 20' X 50', RECTANGLE, 4' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES

PART NUMBER: **00017310**

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

ENGINEERING DRAWING NUMBER: 00017310

C:\PDMworking\00017310

MIRROR NUMBER:
MADE FROM: 00016931
CHECK IN DATE/TIME: Monday, January 22, 2018 11:55:45 AM

TYPE-2 DIVING

R4'0"
4 PLCS.

4'0"

12'0"

4'0"

20'0"

3'4"

50'0"

8'0"   4'8"

4'0"   6'0"   14'0"   26'0"

Area: 986.27ft ^2
Perimeter: 133.13ft
Volume = 33310 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
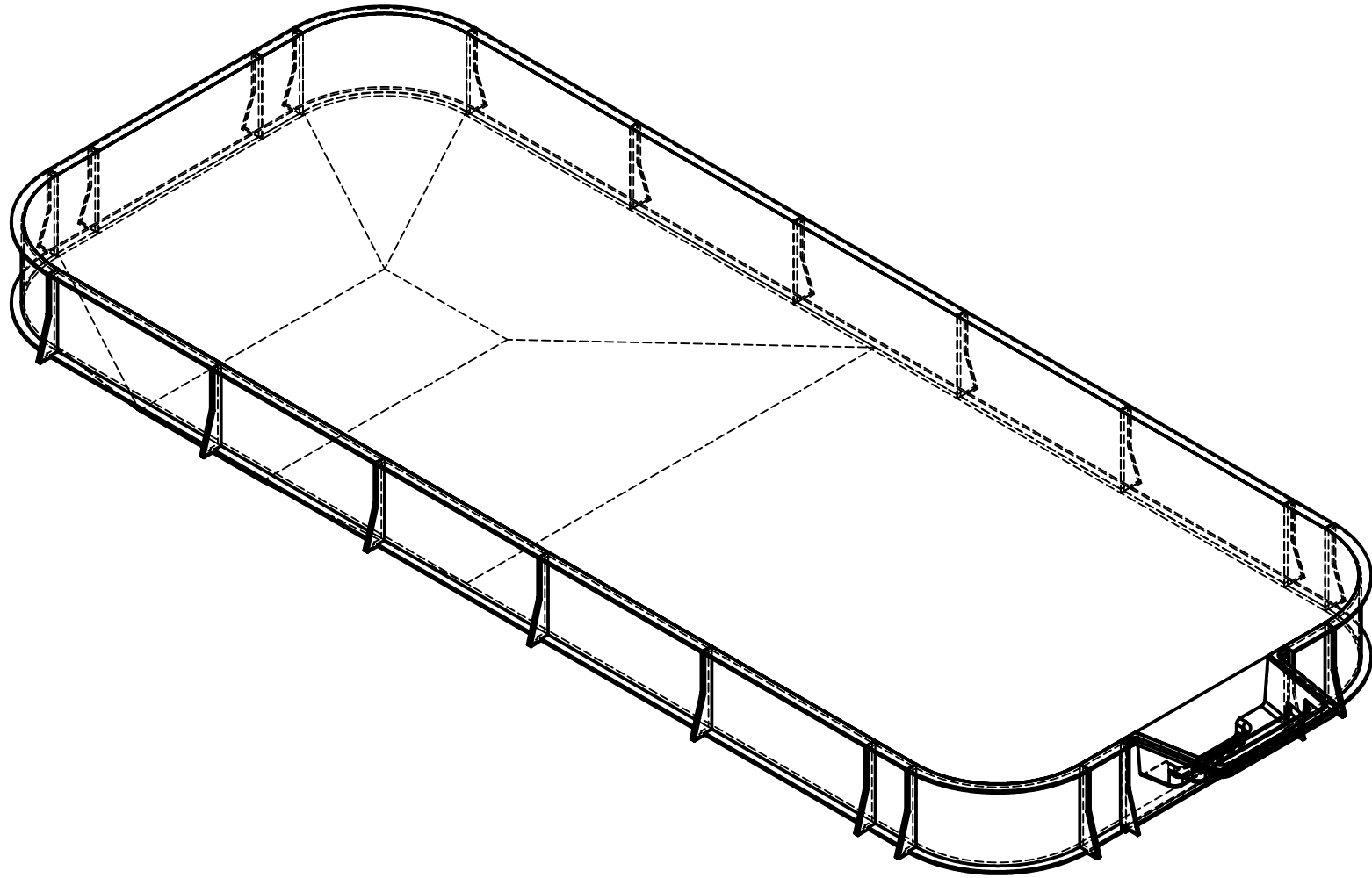   STEP.

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.
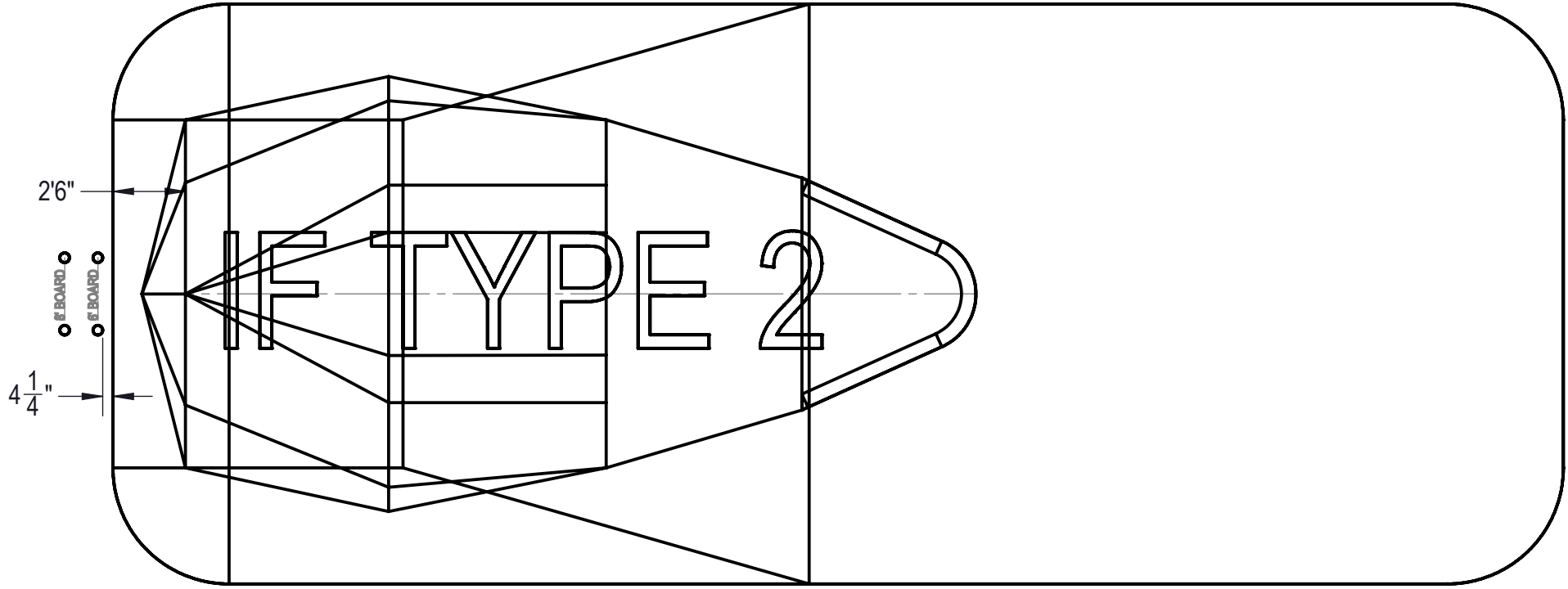11.   FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS

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        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.

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: 1/22/2018		
COLOR: NA	DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005	LAST REVISED BY: bumphrey	LAST REVISED DATE: 1/22/2018	TITLE: LAYOUT, 20' X 50', RECTANGLE, 4' 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			PART NUMBER: 00017310	SCALE: 1:192 / SIZE: A
					SHEET: 2 OF 4

ENGINEERING DRAWING NUMBER: 00017310

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

C:\PDMworking\00017310

WEIGHT:	UNLESS OTHERWISE SPECIFIED	DESIGNED BY:	CREATION DATE:	HYDRA POOLS
lbs		BUMPHREY	4/18/2013	
VOLUME:	DIMENSIONS ARE IN INCHES	DETAILED BY:	DETAILED DATE:	
Inch³	TOLERANCES	BUMPHREY	1/22/2018	
	DECIMALS: X ± .1			
COLOR:	XX ± .01	LAST REVISED BY:	LAST REVISED DATE:	TITLE: LAYOUT, 20' X 50', RECTANGLE, 4' RADIUS, 8' DEEP,
NA	XXX ± .001	bumphrey	1/22/2018	HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES
HEAT TREAT:	XXXX ± .0005	MATERIAL:		
NA				
FINISH:	ANGULAR: X ± 0.5			
NA	THIRD ANGLE PROJECTION			
TEXTURE:				
NA	⊙ ◁			

ENGINEERING DRAWING NUMBER: 00017310

PART NUMBER: 00017310

SCALE: 1:192
SHEET: 3 OF 4
SIZE: A

2'6"

$4\frac{1}{4}$"

IF TYPE 2

C:\PDMworking\00017310

WEIGHT: lbs	**UNLESS OTHERWISE SPECIFIED**	DESIGNED BY: BUMPHREY	CREATION DATE: 4/18/2013
VOLUME: Inch³	DIMENSIONS ARE IN INCHES TOLERANCES	DETAILED BY: BUMPHREY	DETAILED DATE: 1/22/2018
COLOR: NA	DECIMALS: X ± .1 / XX ± .01 / XXX ± .001 / XXXX ± .0005	LAST REVISED BY: bumphrey	LAST REVISED DATE: 1/22/2018
HEAT TREAT: NA			
FINISH: NA	ANGULAR: X ± 0.5		
TEXTURE: NA	THIRD ANGLE PROJECTION		

ENGINEERING DRAWING NUMBER: 00017310

HYDRA POOLS

TITLE: LAYOUT, 20' X 50', RECTANGLE, 4' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES

MATERIAL:

PART NUMBER: 00017310

SCALE: 1:192

SIZE: A

SHEET: 4 OF 4