90°   6'-INLET   8'-1084   8'-INLET   8'   8'   8'-INLET   8'-1084   6'-INLET   90°

6'

8'-LIGHT

6'

TYPE-2 DIVING

63'3"

6'

6'

9

90°   6'   8'   8'   8'   8'   8'   8'   6'   90°

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.
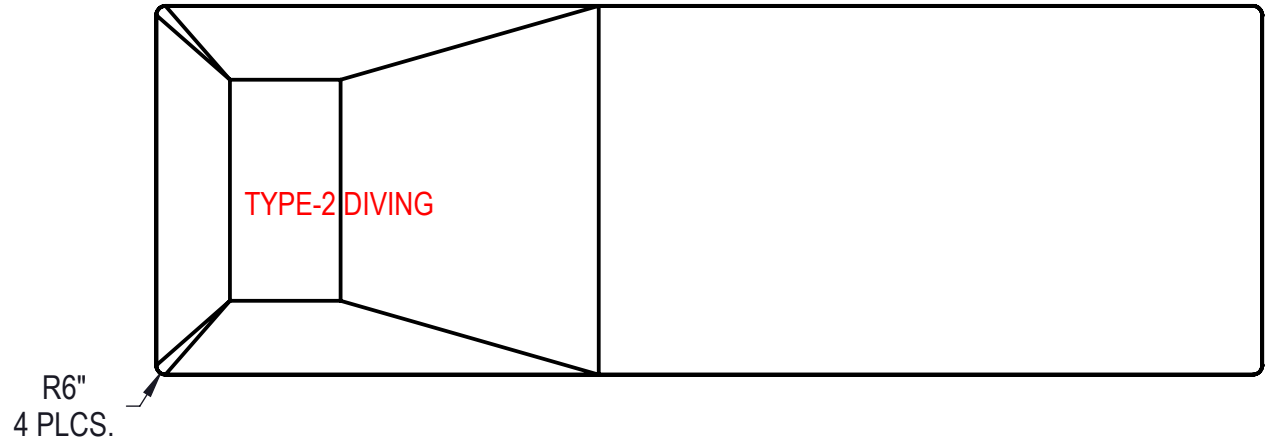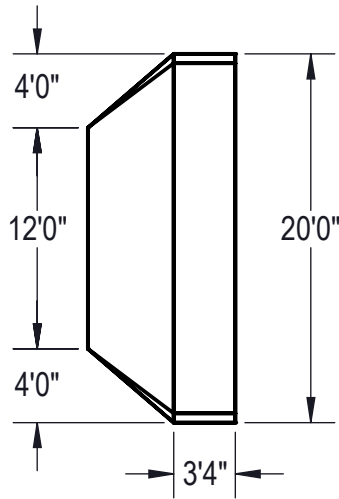
EXCAVATION NOTES:
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
9. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
10. BACK FILL WITH NON-EXPANSIVE MATERIAL.
11. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS
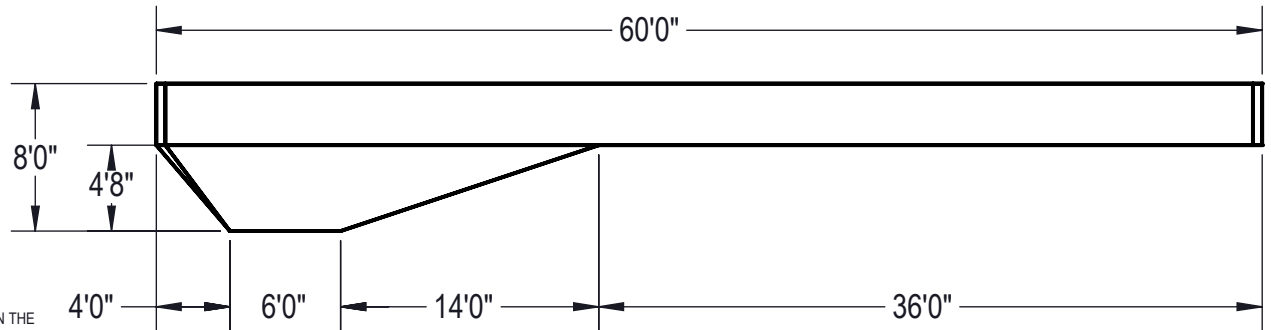
IMPORTANT NOTES:
THIS DOCUMENT IS FOR ILLUSTRATIVE PURPOSES ONLY. THE DEALER OR CONTRACTOR WHO SELLS OR INSTALLS YOUR POOL IS AN INDEPENDENT CONTRACTOR AND IS NOT AN AGENT OF THE MANUFACTURER. THE CONSTRUCTION METHODS ILLUSTRATED HERE ARE SUGGESTIONS AND APPLY ONLY TO NORMAL GROUND CONDITIONS. THERE 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	6
2	SBRACE	BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB	HPSFOB	HPSFOB	26
3	PANEL, STRAIGHT	PANEL, 6' LONG, 700 SERIES	HPSE106P	00002731	6
4	PANEL, STRAIGHT	PANEL, 6' LONG, INLET, 700 SERIES	HPSE106I	00006322	2
5	PANEL, STRAIGHT	PANEL, 8' LONG, 1084, 700 SERIES	HPSE10884	00004966	2
6	PANEL, STRAIGHT	PANEL, 8' LONG, 700 SERIES	HPSE108P	00004961	8
7	PANEL, STRAIGHT	PANEL, 8' LONG, INLET, 700 SERIES	HPSE108I	00004969	2
8	PANEL, STRAIGHT	PANEL, 8' LONG, LIGHT, 700 SERIES	HPSE108L	00004962	1
9	HS110N	STEP, 8', TWIN SEAT, 4 TREAD	HS110N	HS110N	1
10	PANEL, WEDGE	WEDGE, 2 1/2" X 2 1/2" X 90°		HPSD6CA	00003541	4

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

ENGINEERING DRAWING NUMBER: 00017339

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: 1/23/2018
LAST REVISED BY: bumphrey
LAST REVISED DATE: 1/23/2018
MATERIAL:

HYDRA POOLS

TITLE: LAYOUT, 20' X 60', RECTANGLE, 6" RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 4-INLET, 700 SERIES

PART NUMBER: 00017339

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

MIRROR NUMBER:
MADE FROM: 00017336
CHECK IN DATE/TIME: Tuesday, January 23, 2018 9:54:18 AM

4'0"

12'0"

20'0"

4'0"

3'4"

TYPE-2 DIVING

R6"
4 PLCS.

Area: 1199.79ft ^2
Perimeter: 159.14ft
Volume = 38713 US gallons

60'0"

8'0"

4'8"

4'0"   6'0"   14'0"   36'0"

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
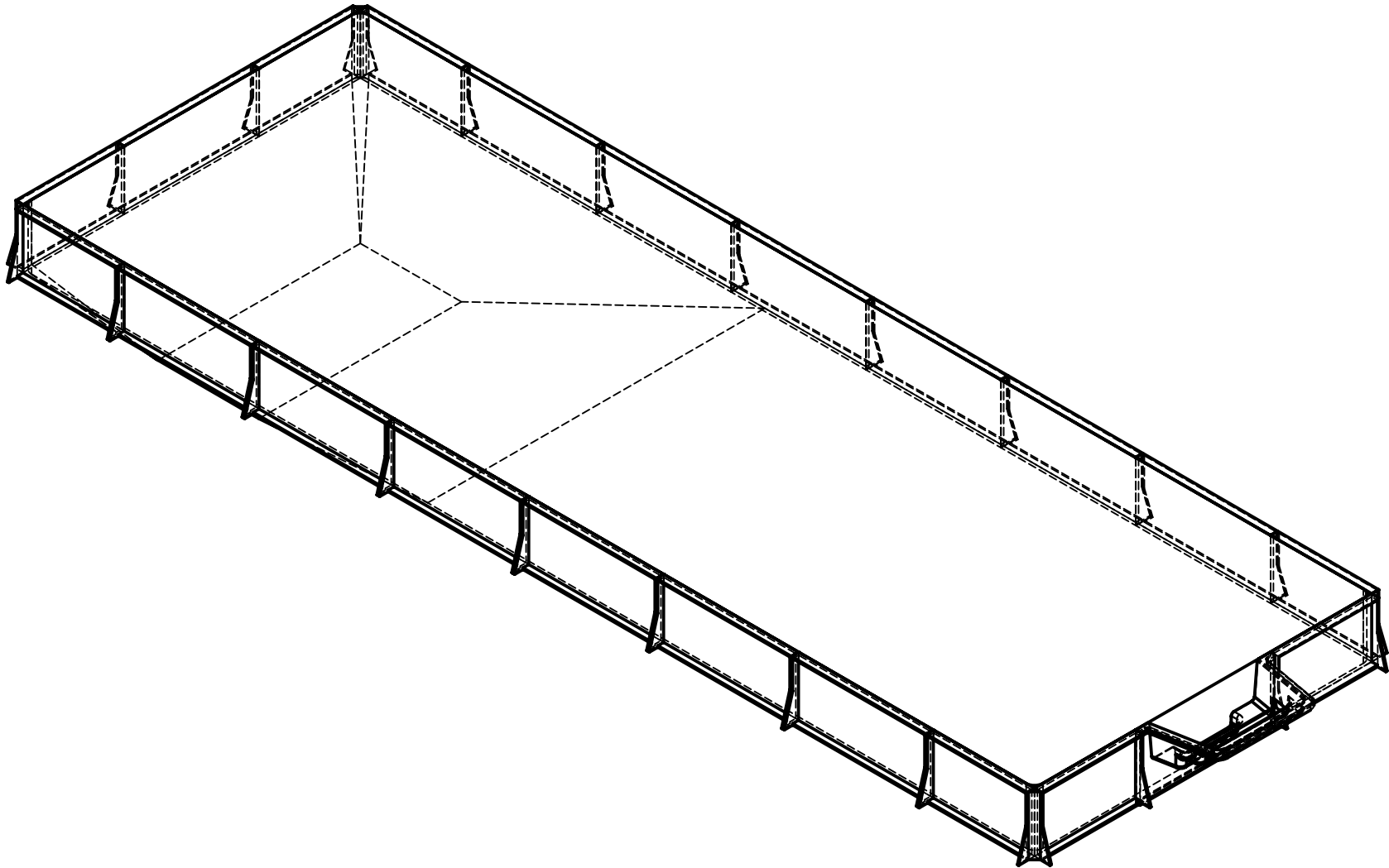   STEP.

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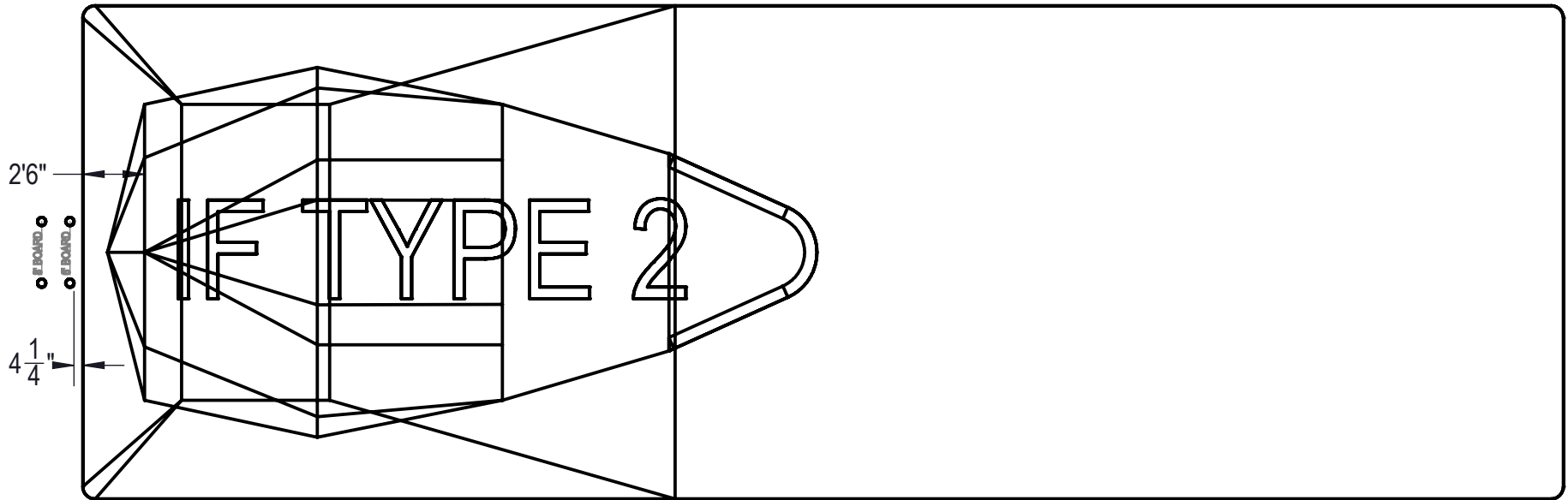11.   FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS

IMPORTANT NOTES:
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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.

ENGINEERING DRAWING NUMBER: 00017339

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: 1/23/2018	
COLOR: NA	DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005	LAST REVISED BY: bumphrey	LAST REVISED DATE: 1/23/2018	TITLE: LAYOUT, 20' X 60', RECTANGLE, 6" RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 4-INLET, 700 SERIES
HEAT TREAT: NA			MATERIAL:	
FINISH: NA	ANGULAR: X ± 0.5			
TEXTURE: NA	THIRD ANGLE PROJECTION			

PART NUMBER: 00017339

SCALE: 1:192

SIZE: A

SHEET: 2 OF 4

WEIGHT: lbs	UNLESS OTHERWISE SPECIFIED	DESIGNED BY: BUMPHREY	CREATION DATE: 4/18/2013	HYDRA POOLS
VOLUME: Inch³	DIMENSIONS ARE IN INCHES TOLERANCES	DETAILED BY: BUMPHREY	DETAILED DATE: 1/23/2018	
COLOR: NA	DECIMALS: X ± .1 XX ± .01 XXX ± .001	LAST REVISED BY: bumphrey	LAST REVISED DATE: 1/23/2018	TITLE: LAYOUT, 20' X 60', RECTANGLE, 6" RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 4-INLET, 700 SERIES
HEAT TREAT: NA	XXXX ± .0005	MATERIAL:		
FINISH: NA	ANGULAR: X ± 0.5			
TEXTURE: NA	THIRD ANGLE PROJECTION			

ENGINEERING DRAWING NUMBER: 00017339

PART NUMBER: 00017339

SCALE: 1:192

SIZE: A

SHEET: 3 OF 4

IF TYPE 2

2'6"

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

	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 XX ± .01 XXX ± .001 XXXX ± .0005	DETAILED BY: BUMPHREY	DETAILED DATE: 1/23/2018	
	COLOR: NA		LAST REVISED BY: bumphrey	LAST REVISED DATE: 1/23/2018	TITLE: LAYOUT, 20' X 60', RECTANGLE, 6" RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 4-INLET, 700 SERIES
	HEAT TREAT: NA				MATERIAL:
	FINISH: NA	ANGULAR: X ± 0.5			
	TEXTURE: NA	THIRD ANGLE PROJECTION			

ENGINEERING DRAWING NUMBER: 00017339

PART NUMBER: 00017339

SCALE: 1:192

SIZE: A

SHEET: 4 OF 4