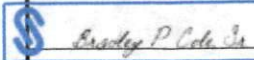
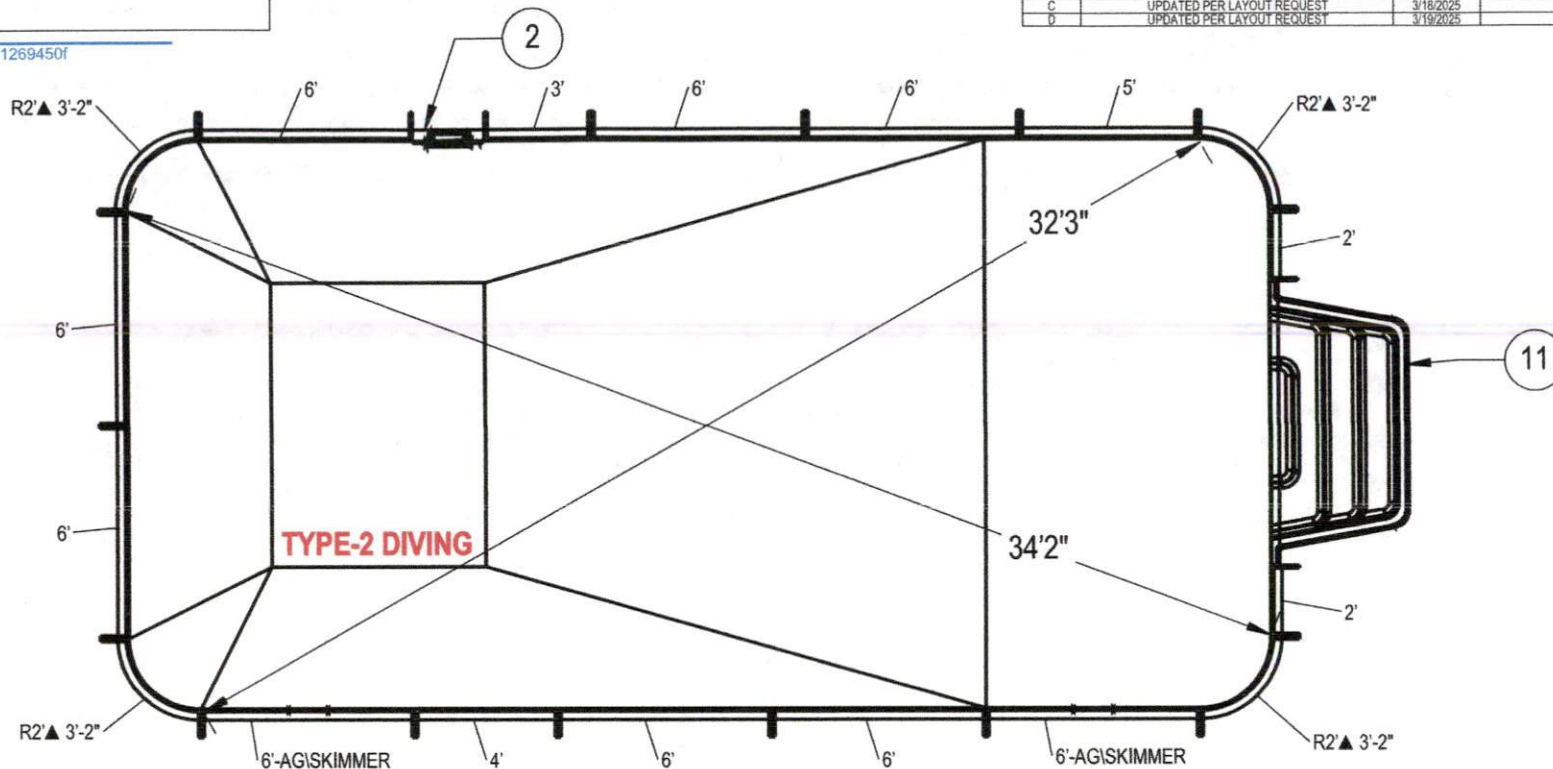


CUSTOMER SIGNATURE


signed2ae5dcf-c3cc-4f5b-913e-14451269450f

REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY
A	RELEASED FOR QUOTE	3/3/2025		JBANUELOS
B	UPDATED PANEL CONFIGURATION	3/17/2025		ESSEX
C	UPDATED PER LAYOUT REQUEST	3/18/2025		ESSEX
D	UPDATED PER LAYOUT REQUEST	3/19/2025		JBANUELOS



NOTES:

- THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
- DIMENSIONS ARE FROM INSIDE POOL PANELS.
- ROPE AND FLOAT ASSEMBLY SHOULD BE INSTALLED IN ACCORDANCE WITH CURRENT ANSI/APSP/ICC REGULATIONS
- HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.

EXCAVATION NOTES:

- ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
- SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
- LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
- SEE "OVER DIG DETAIL", IN INSTALLATION MANUAL, FOR EXCAVATION AROUND POOL.
- FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
- BACK FILL WITH NON-EXPANSIVE MATERIAL.
- 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	BRACE	BRACE, 4 TAB, HYDRA - 200 SERIES	HP299	HP299	20
2	HS402N	LADDER, IN-WALL, 2' RECESSED, (42")	HS402N	HS402N	1
3	PANEL, 2' LONG	PANEL, 2' LONG - 100 SERIES	HP102	HP102	2
4	PANEL, 2' RADIUS	PANEL, 2' RADIUS - 100 SERIES	HP152M	HP152M	4
5	PANEL, 3' LONG	PANEL, 3' LONG - 100 SERIES	HP103	HP103	1
6	PANEL, 4' LONG	PANEL, 4' LONG - 100 SERIES	HP104	HP104	1
7	PANEL, 5' LONG	PANEL, 5' LONG - 100 SERIES	HP105	HP105	1
8	PANEL, 6' LONG	PANEL, 6' LONG - 100 SERIES	HP106	HP106	7
9	PANEL, 6' LONG WITH AQUA GENIE	PANEL, 6' LONG WITH AQUA GENIE - 100 SERIES	HP106A	HP106A	2
10	HL16322R8042	STANDARD LINER, 16' X 32', RECTANGLE, 2' RADIUS, 8' DEEP, 42" WALL	HL16322R8042		1
11	HS110N	STEP, 8', TWIN SEAT, 4 TREAD	HS110N	HS110N	1

ENGINEERING DRAWING NUMBER 00069103	WEIGHT: lbs
	VOLUME: Inch ³
	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:

JBANUELOS

DETAILED BY:

JBANUELOS

LAST REVISED BY:

Jbanuelos

MATERIAL:

CREATION DATE:

5/17/2013

DETAILED DATE:

3/19/2025

LAST REVISED DATE:

3/19/2025

HYDRA POOLS

TITLE: **LAYOUT, 16' X 32', RECTANGLE, 2' RADIUS, 8' DEEP, HS110N, HS402N, 3- INLETS, 2- AQUA GENIES, 100 SERIES**

PART NUMBER:

00069103

SCALE:

1:60

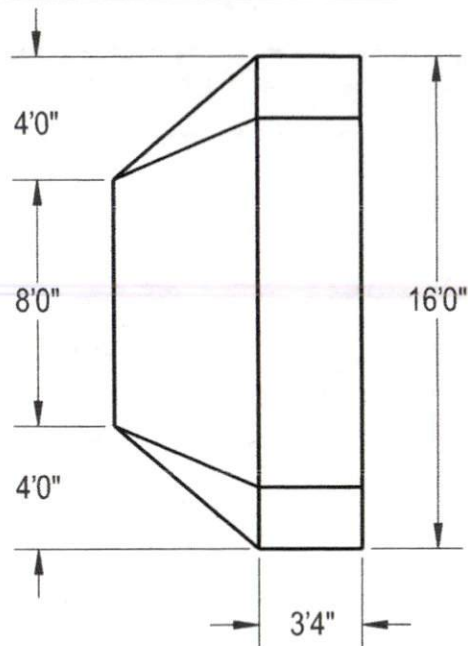
SHEET:

1 OF 3

SIZE:

A

CUSTOMER SIGNATURE



AREA	PERIMETER	VOLUME
SQ. FT.	FT.	U.S. GALLONS
508.57	92.57	19363.69

NOTES:

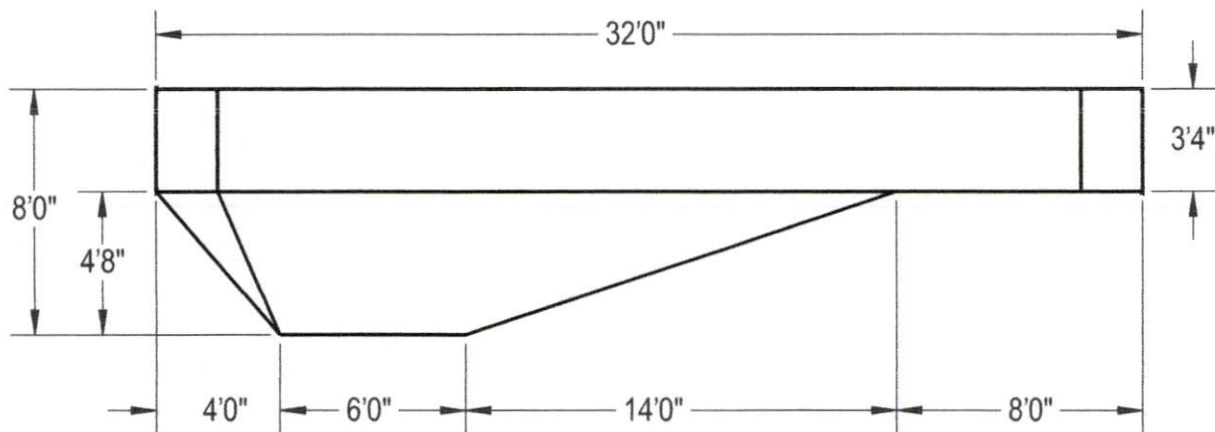
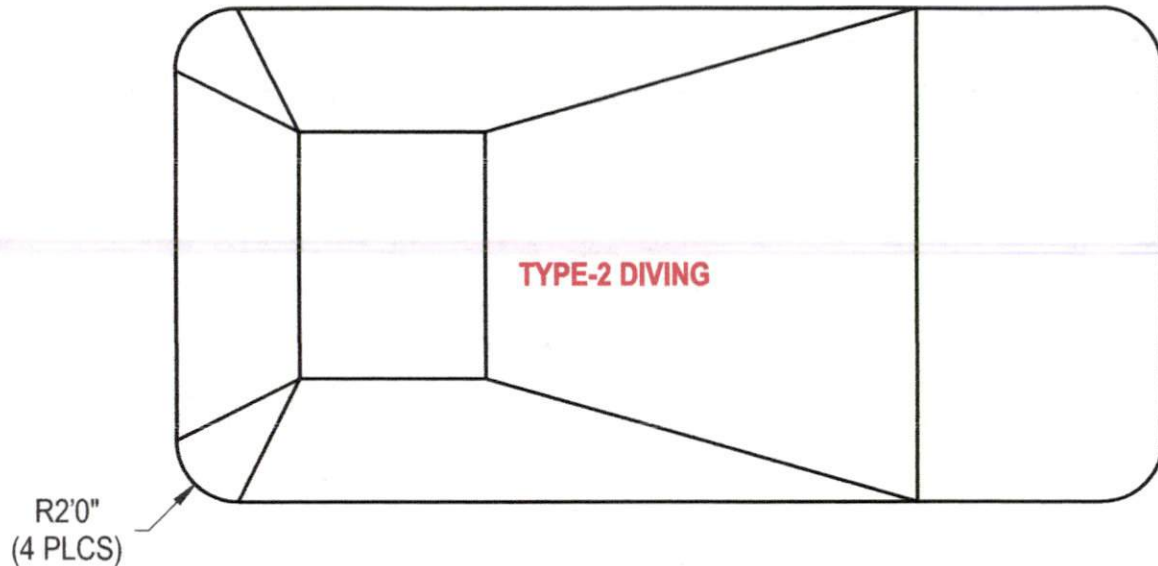
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- HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.

EXCAVATION NOTES:

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- SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
- LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
- SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
- FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
- BACK FILL WITH NON-EXPANSIVE MATERIAL.
- FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS

IMPORTANT NOTES:

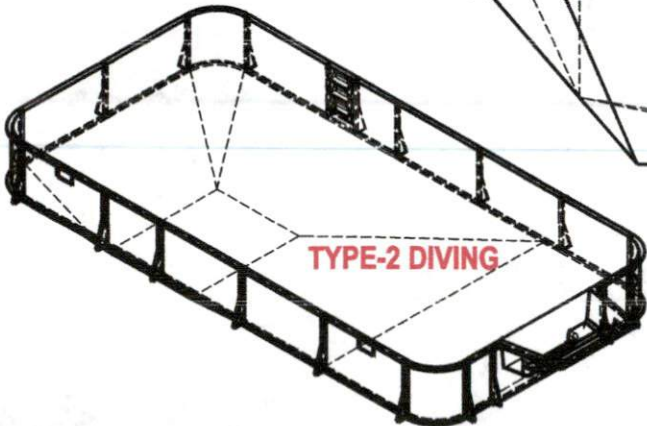
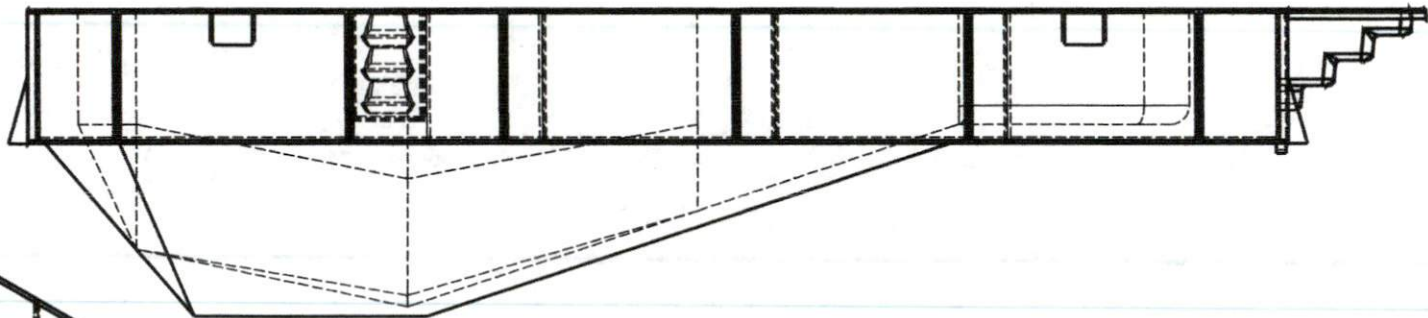
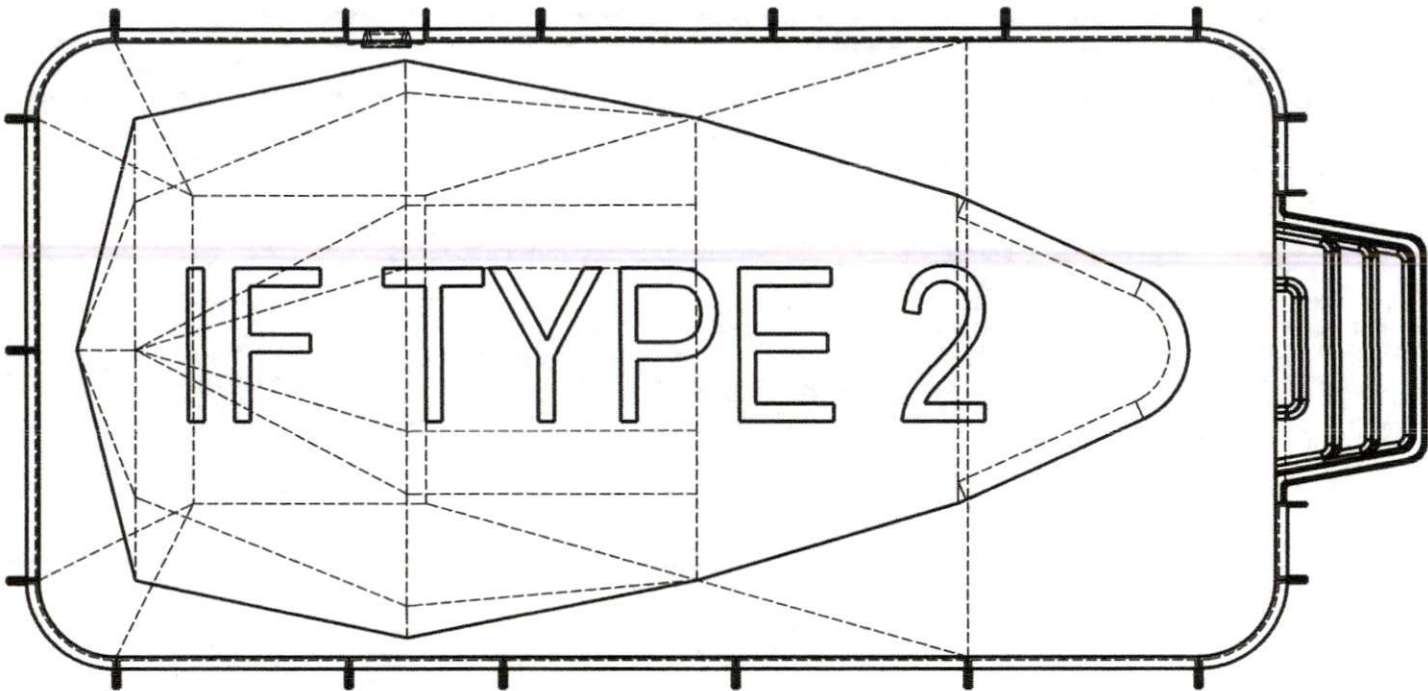
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ENGINEERING DRAWING NUMBER: HL16322R8042	WEIGHT: lbs	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005 ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION	DESIGNED BY: BFOUTZ	CREATION DATE: 4/3/2013	HYDRA POOLS		
	VOLUME: 19363.69 inch³		DETAILED BY: JBANUELOS	DETAILED DATE: 3/19/2025			
	COLOR:		LAST REVISED BY: jbanuelos	LAST REVISED DATE: 11/4/2020			
	HEAT TREAT:		MATERIAL:				
	FINISH:		SIZE: A	SHEET: 2 OF 3	SCALE: 1:96	PART NUMBER: HL16322R8042	REV D
	TEXTURE:						

CUSTOMER SIGNATURE

BPC



ENGINEERING DRAWING NUMBER: 00069103	WEIGHT: lbs	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: JBANUELOS	CREATION DATE: 5/17/2013	HYDRA POOLS
	VOLUME: inch³		DETAILED BY: JBANUELOS	DETAILED DATE: 3/19/2025	
	COLOR:		LAST REVISED BY: jbanuelos	LAST REVISED DATE: 3/19/2025	
	HEAT TREAT:		MATERIAL:		
	FINISH:				
	TEXTURE:				TITLE: LAYOUT, 16' X 32', RECTANGLE, 2' RADIUS, 8' DEEP, HS110N, HS402N, 3- INLETS, 2- AQUA GENIES, 100 SERIES
				PART NUMBER: 00069103	SCALE: 1:48 SHEET: 3 OF 3 SIZE: A