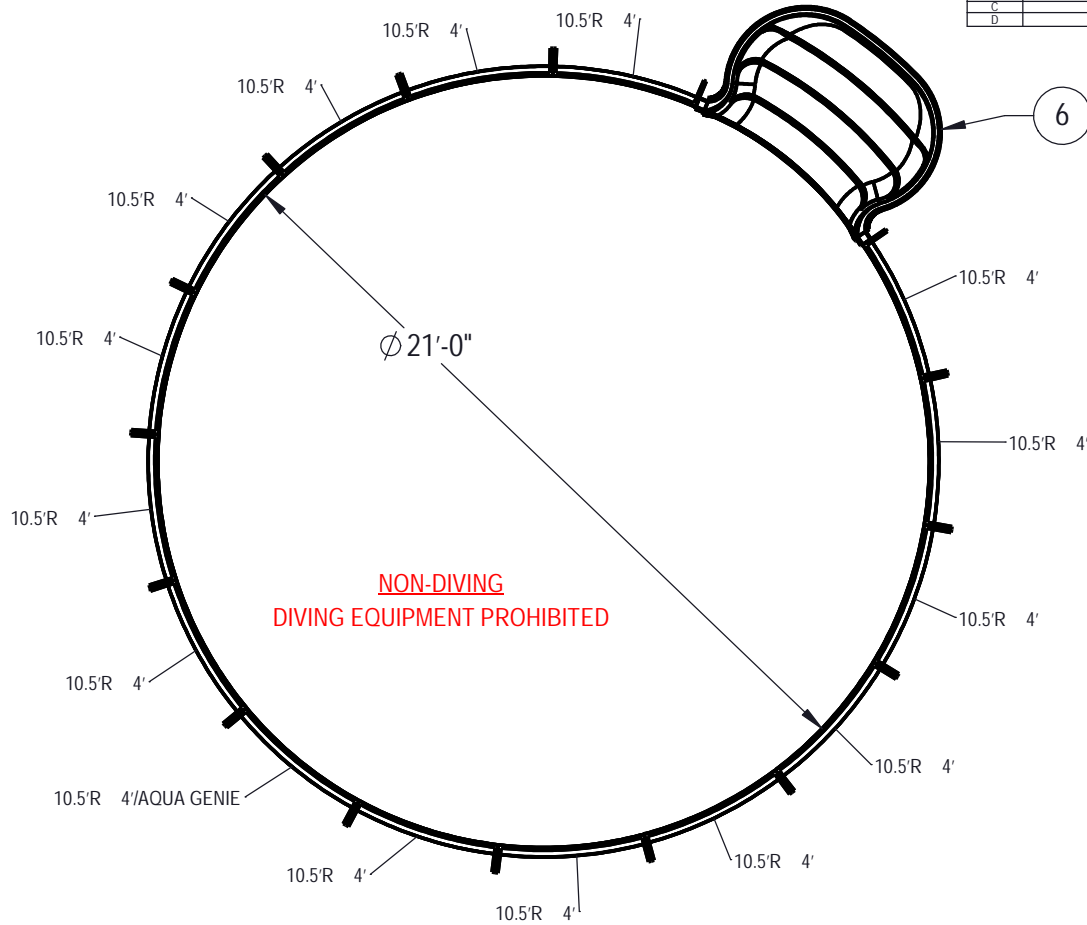


REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY
A	UPDATED PER TICKET #792516	12/8/2022		MROGERS
B	UPDATED PER TICKET #154120	12/9/2022		IESSEX
C	UPDATED PER TICKET #270394	3/27/2023		IESSEX
D	UPDATED PER TICKET #869976	4/4/2023		IESSEX



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

EXCAVATION NOTES:

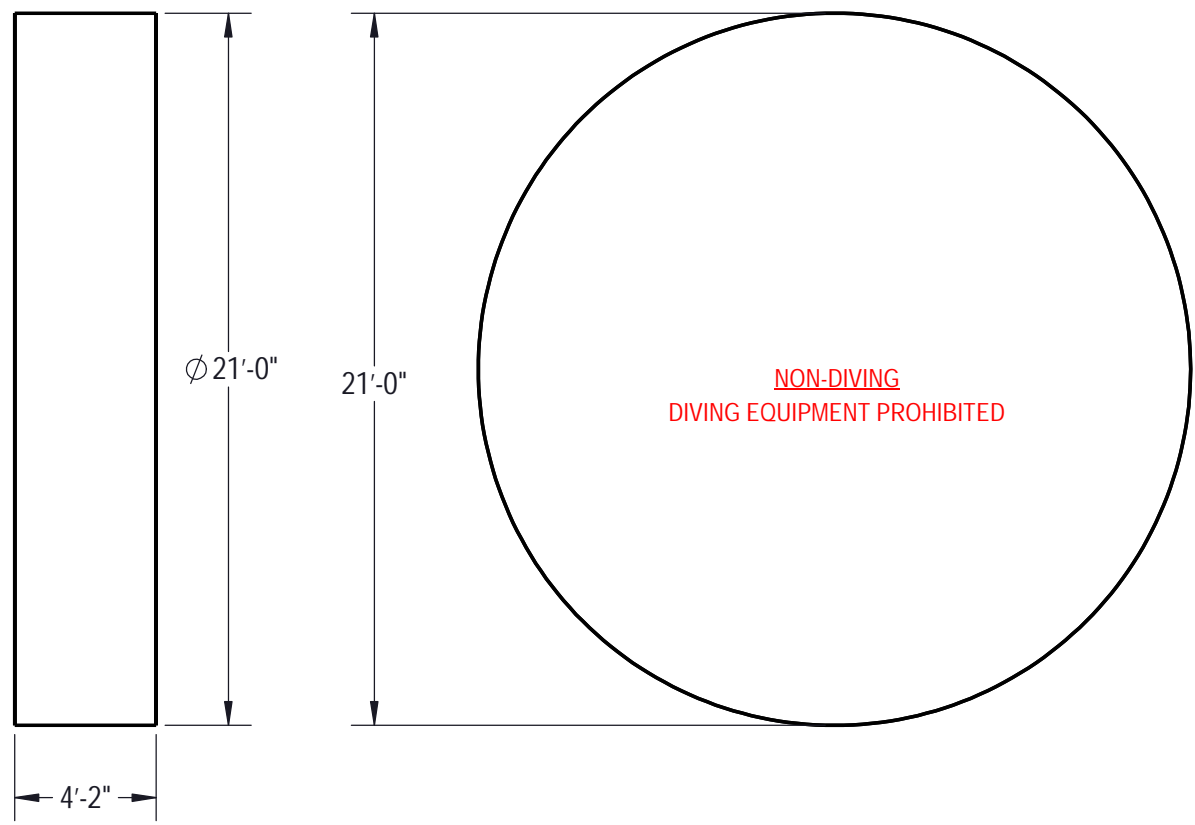
- ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
- SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
- LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
- SEE "OVER DIG DETAIL", IN INSTALLATION MANUAL, FOR EXCAVATION AROUND POOL.
- FILL VOIDS UNDER BASE OF PANELS AND TAMP 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	BOLT, PACK	BOLT, FLANGE, 3/8-16 X 1", PACK (50)	HPS1916	HPS1916	7
2	52IN, BRACE	BRACE, BUTTRESS, 52", 850 SERIES	HPSHTRIBRC	00025945	16
3	52 IN PANEL, RADIUS	PANEL, 10.5' RADIUS, 4' LONG, 850 SERIES	HPSH106R4	00027690	14
4	52 IN PANEL, RADIUS	PANEL, 10.5' RADIUS, 4' LONG, AQUA GENIE, 850 SERIES	HPSH11R4AG	00046824	16
5	STAKE	STAKE, 14 GA	HPSSTAKE	00003484	1
6	HS511N	STEP, 6' RADIUS, 4 TREAD, 52 IN WALL, BULLNOSE	HS511N	HS511N	1

ENGINEERING DRAWING NUMBER: 00047046	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: MROGERS	CREATION DATE: 11/30/2020	SAMSON STEEL
	VOLUME: Inch ³		DETAILED BY: MROGERS	DETAILED DATE: 4/4/2023	
	COLOR:		LAST REVISED BY: iessex	LAST REVISED DATE: 3/27/2023	
	HEAT TREAT:		MATERIAL:		
FINISH:					TITLE: LAYOUT, 21' ROUND, FLAT BOTTOM, 52" WALL, HS511N, 1-AQUA GENIE, 850 SERIES
TEXTURE:					PART NUMBER: 00047046
					SCALE: 1:192 SHEET: 1 OF 3
					SIZE: A



AREA	PERIMETER	VOLUME
SQ. FT.	FT.	U.S. GALLONS
346.36	65.97	10796



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EXCAVATION NOTES:

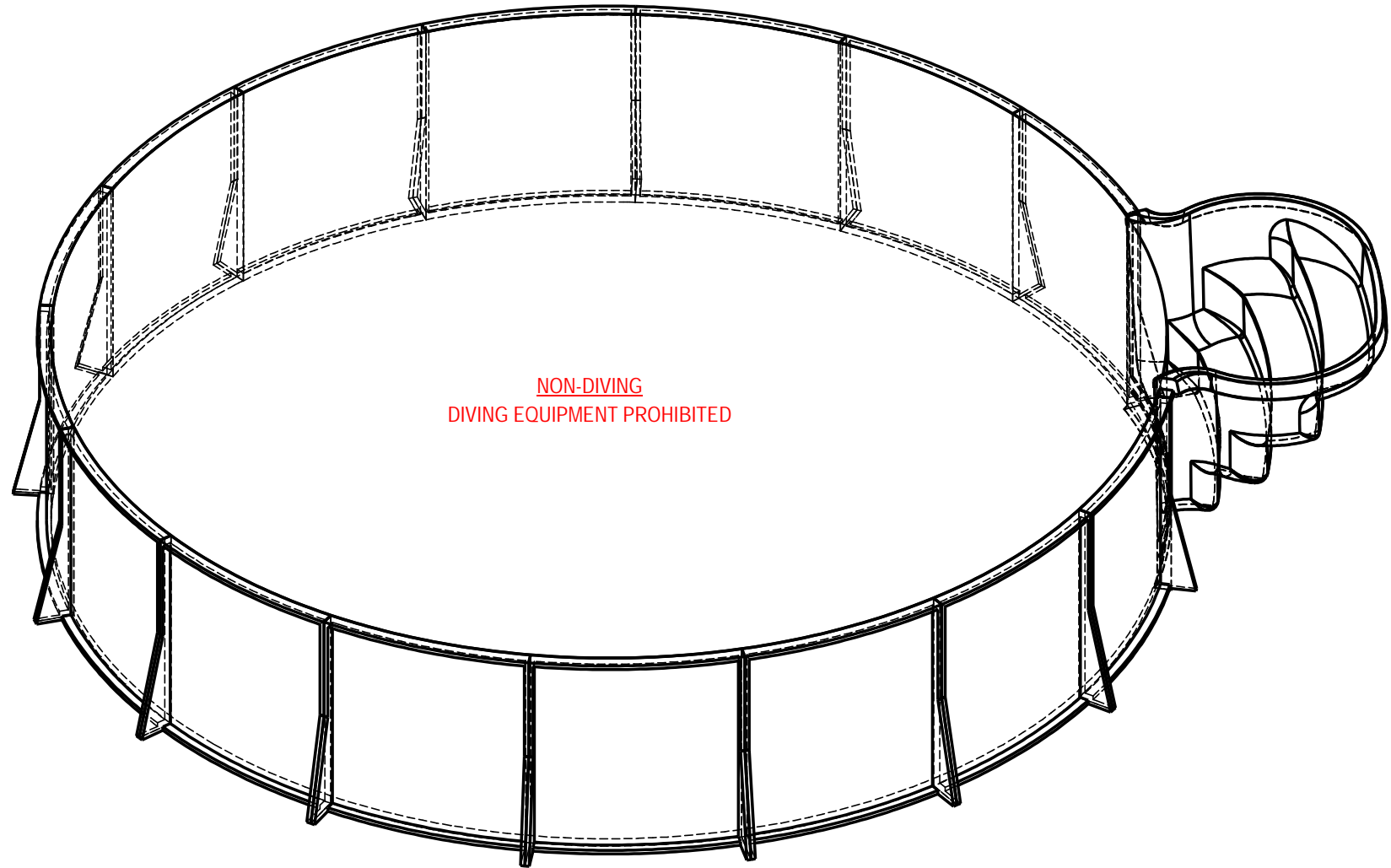
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ENGINEERING DRAWING NUMBER: 00047046	WEIGHT: lbs	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005 ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION 	DESIGNED BY: MROGERS	CREATION DATE: 11/30/2020	SAMSON STEEL		
	VOLUME: 10796 Inch ³		DETAILED BY: MROGERS	DETAILED DATE: 4/4/2023			
	COLOR:		LAST REVISED BY: lessex	LAST REVISED DATE: 12/8/2022	TITLE: LAYOUT, 21' ROUND, FLAT BOTTOM, 52" WALL, HS511N, 1-AQUA GENIE, 850 SERIES		
	HEAT TREAT:		MATERIAL:				
FINISH:	SIZE: A		SHEET: 2 OF 3	SCALE: 1:192	PART NUMBER: 00047046	REV C	
TEXTURE:							

ERROR NUMBER: _____
 MADE FROM: _____
 CHECK IN DATE/TIME: Monday, March 27, 2023 10:24:09 AM



NON-DIVING
DIVING EQUIPMENT PROHIBITED

ENGINEERING DRAWING NUMBER: 00047046	WEIGHT:	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:	CREATION DATE:	SAMSON STEEL		
	VOLUME:		MROGERS	11/30/2020			
	COLOR:		DETAILED BY:	DETAILED DATE:	TITLE: LAYOUT, 21' ROUND, FLAT BOTTOM, 52" WALL, HS511N, 1-AQUA GENIE, 850 SERIES		
	HEAT TREAT:		MROGERS	4/4/2023			
	FINISH:		LAST REVISED BY:	LAST REVISED DATE:			
TEXTURE:	lessex	3/27/2023	MATERIAL:	PART NUMBER: 00047046			
	SIZE:	SHEET:	SCALE:				REV C
	A	3 OF 3	1:192				