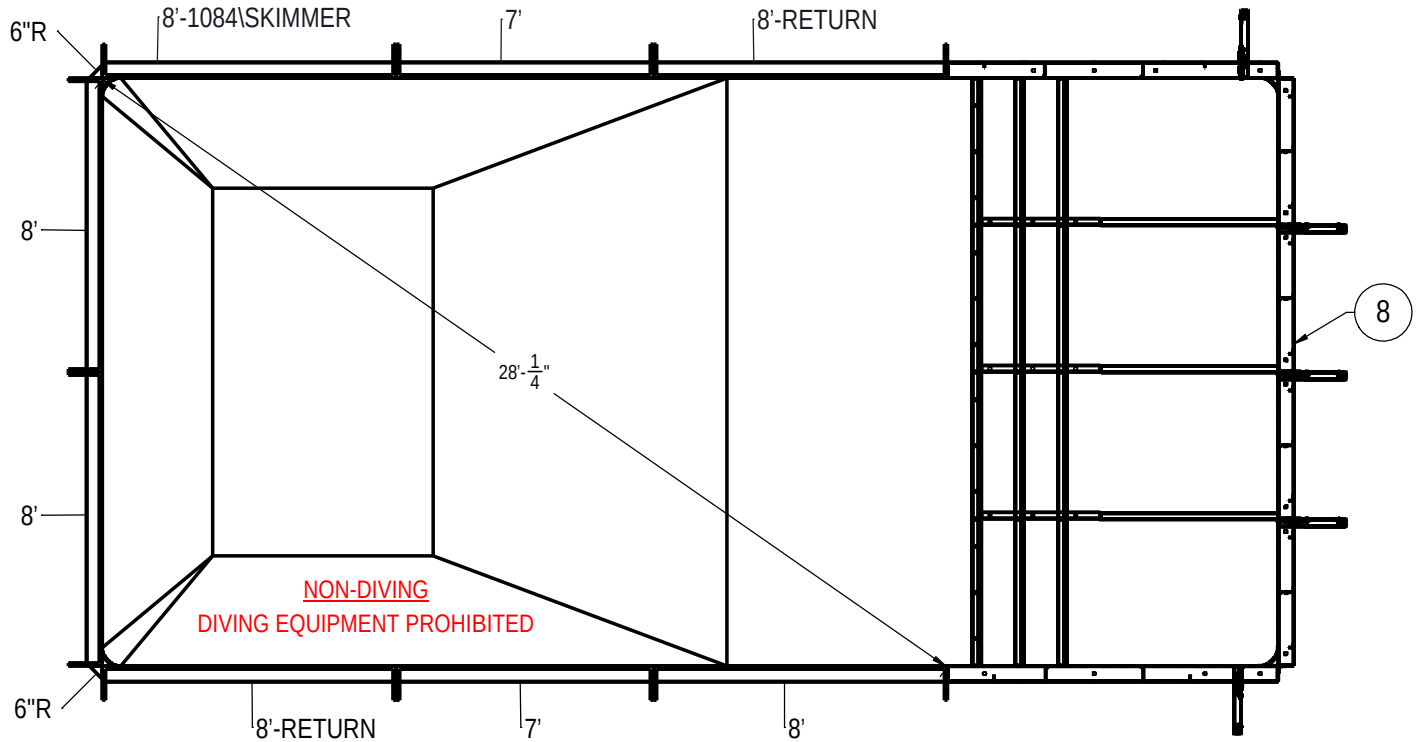
REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY
A	RELEASED FOR QUOTE	8/29/2026		KRAMANI

MIRROR NUMBER:

MADE FROM:

CHECK IN DATE/TIME: Monday, August 31, 2026 9:25:53 AM



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", IN INSTALLATION MANUAL, 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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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	11
3	PANEL, STRAIGHT	PANEL, 7' LONG, 700 SERIES	HPSE107P	00006045	2
4	PANEL, STRAIGHT	PANEL, 8' LONG, 1084, 700 SERIES	HPSE10884	00004966	1
5	PANEL, STRAIGHT	PANEL, 8' LONG, 700 SERIES	HPSE108P	00004961	3
6	PANEL, STRAIGHT	PANEL, 8' LONG, INLET, 700 SERIES	HPSE108I	00004969	2
7	STAKE	STAKE , 14 GA	HPSSTAKE	00003484	11
8	00064926	STEP, 16' LONG, TOP TREAD 6' TANNING LEDGE, 1'2" 3 TREAD, OPEN POUR, MUDLIP AND BEAD TRACK, 42"	HSSM64926		1
9	PANEL, WEDGE	WEDGE, 2 1\2" X 2 1\2" X 90° ASSY	HPSD6CA	00005721	2

ENGINEERING DRAWING NUMBER: 00089482

WEIGHT: lbs
VOLUME: Inch³
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

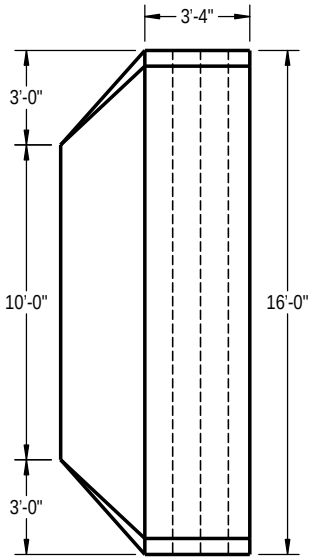
DESIGNED BY: KRAMANI	CREATION DATE: 2/10/2011
DETAILED BY: KRAMANI	DETAILED DATE: 8/31/2026
LAST REVISED BY: tswallows	LAST REVISED DATE: 8/31/2026
MATERIAL:	

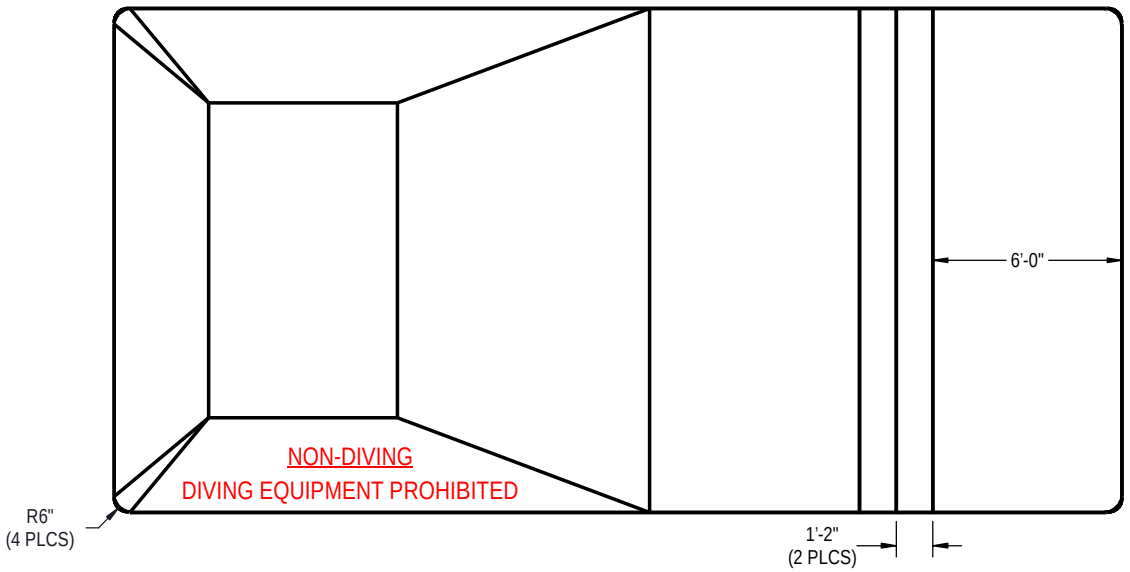
ATLAS STEEL

TITLE: LAYOUT, 16' X 32', RECTANGLE, 6" RADIUS, 6' DEEP, HSSM64926, 2-INLET, 1-1084, 700 SERIES

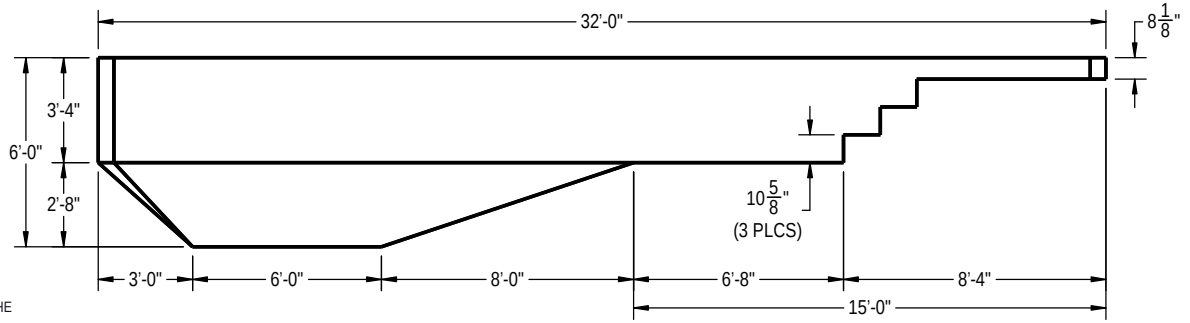
SIZE: A | SHEET: 1 OF 4 | SCALE: 1:192

PART NUMBER: 00089482 REV A





AREA	PERIMETER	VOLUME
SQ. FT.	FT.	U.S. GALLONS
511.79	95.14	13576.33



NOTES:

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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", IN INSTALLATION MANUAL, 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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ENGINEERING DRAWING NUMBER: 00089482

WEIGHT: lbs
VOLUME: 13576.33 Inch³
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: KRAMANI	CREATION DATE: 4/3/2013
DETAILED BY: KRAMANI	DETAILED DATE: 8/31/2026
LAST REVISED BY: tswallows	LAST REVISED DATE: 8/31/2026
MATERIAL:	

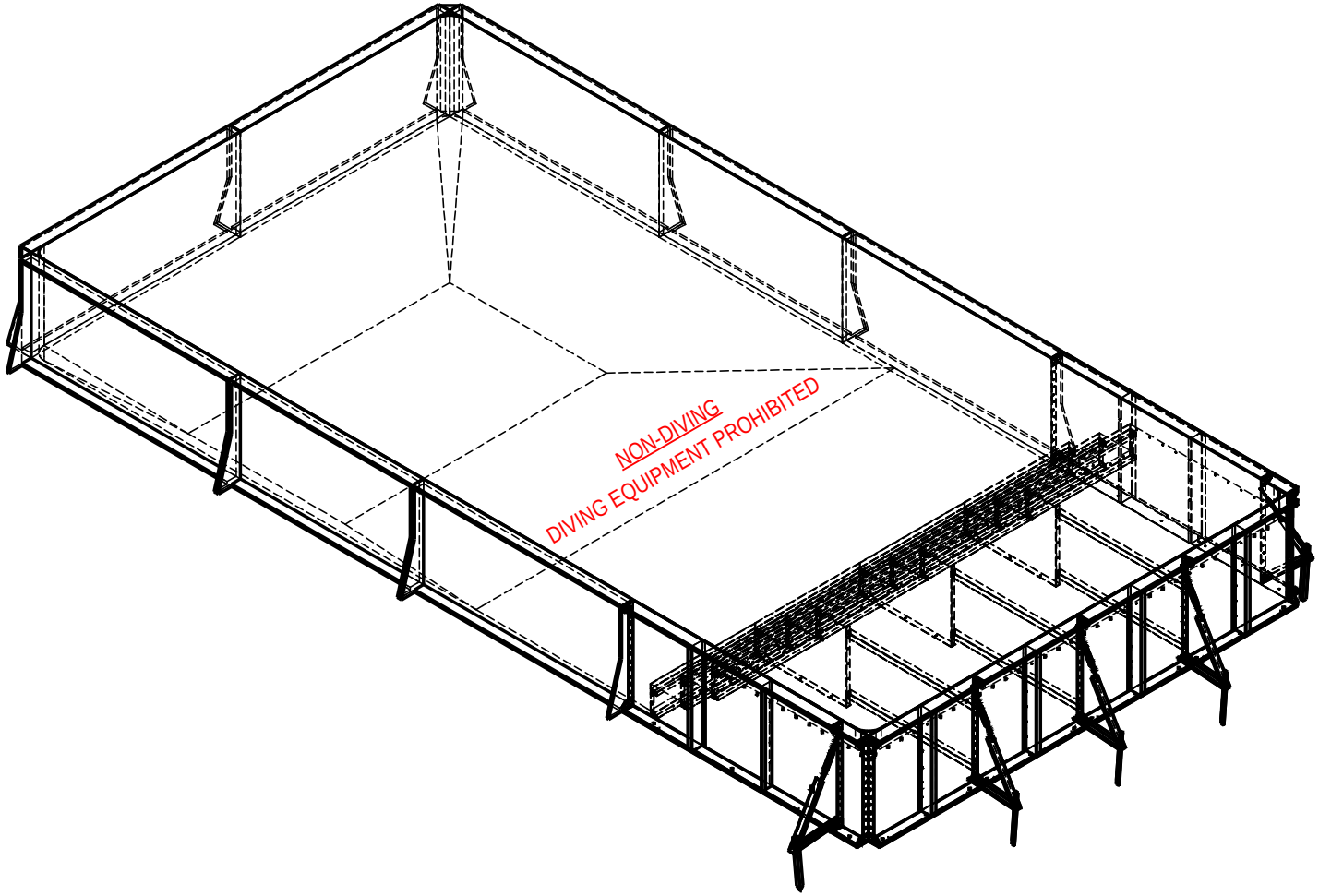
HYDRA POOLS

TITLE: LAYOUT, 16' X 32', RECTANGLE, 6" RADIUS, 6' DEEP, HSSM64926, 2-INLET, 1-1084, 700 SERIES

SIZE: A | SHEET: 2 OF 4 | SCALE: 1:96

PART NUMBER: 00089482 REV A

MIRROR NUMBER:
MADE FROM:
CHECK IN DATE/TIME: Monday, August 31, 2026 9:24:56 AM



MIRROR NUMBER:

MADE FROM:

CHECK IN DATE/TIME: Monday, August 31, 2026 9:25:53 AM

ENGINEERING DRAWING NUMBER: 00089482

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: KRAMANI	CREATION DATE: 2/10/2011	ATLAS STEEL
VOLUME: Inch³		DETAILED BY: KRAMANI	DETAILED DATE: 8/31/2026	
COLOR:		LAST REVISED BY: tswallows	LAST REVISED DATE: 8/31/2026	TITLE: LAYOUT, 16' X 32', RECTANGLE, 6" RADIUS, 6' DEEP, HSSM64926, 2-INLET, 1-1084, 700 SERIES
HEAT TREAT:		MATERIAL:		
FINISH:				
TEXTURE:		SIZE: A	SHEET: 3 OF 4	SCALE: 1:192

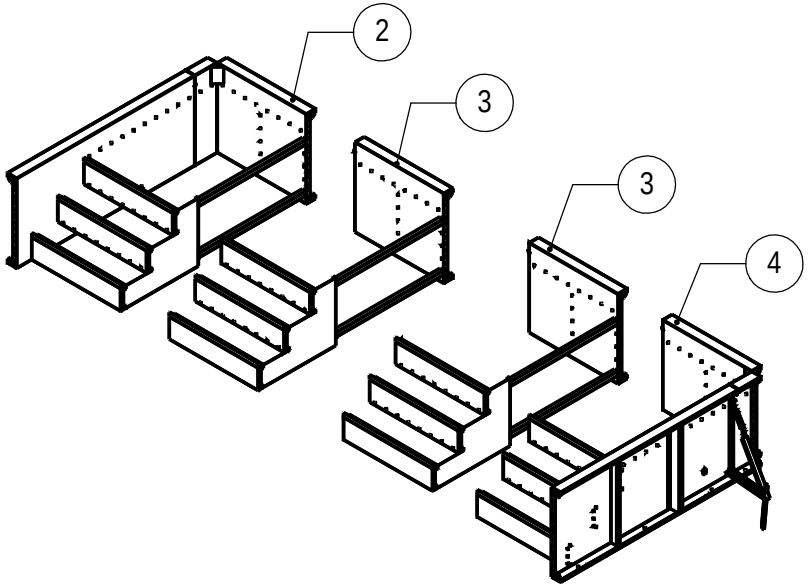
PART NUMBER: 00089482 REV A

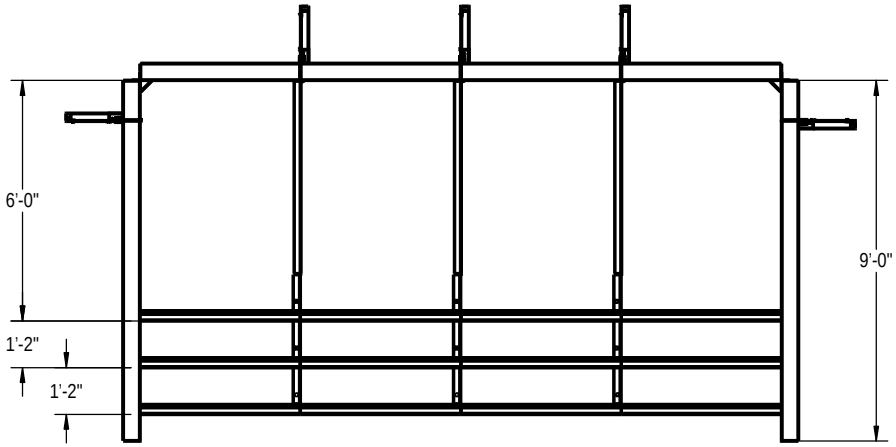
REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY
A	RELEASED FOR PRODUCTION	5/21/2024		IESSEX

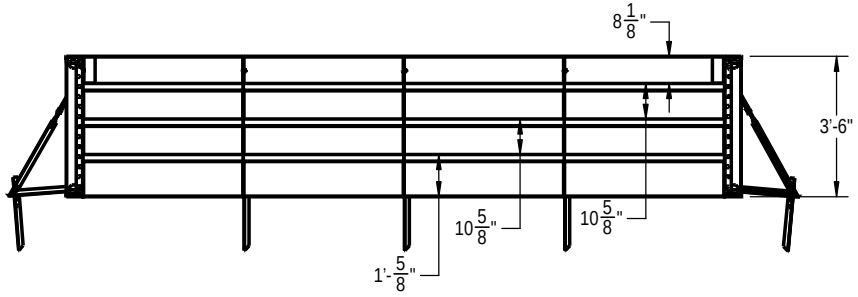
MIRROR NUMBER:

MADE FROM:

CHECK IN DATE/TIME: Monday, August 31, 2026 9:24:39 AM







48' OF MUD LIP AND 60' OF BEAD TRACK IS REQUIRED FOR THIS STEP THAT IS NOT INCLUDED IN THE BOM

ITEM	FILE NAME	DESCRIPTION	CUSTOMER DRAWING #	VENDOR PART #	QTY.
1	BOLT, PACK	BOLT, FLANGE, 3/8-16 X 1", PACK (50)	HPS1916	HPS1916	2
2	00059798	STEP, 4' X 9', 6" RADIUS, 3 TREAD, LEFT, 6' TANNING LEDGE, OPEN POUR, MUDLIP AND BEAD TRACK, SUB ASSEMBLY	HSM59798	00059798	1
3	00059803	STEP, 4' X 9', 6" RADIUS, 3 TREAD, LEFT, 6' TANNING LEDGE, OPEN POUR, MUDLIP AND BEAD TRACK, SUB ASSEMBLY	HSM59803	00059803	2
4	00059801	STEP, 4' X 9', 6" RADIUS, 3 TREAD, RIGHT, 6' TANNING LEDGE, OPEN POUR, MUDLIP AND BEAD TRACK, SUB ASSEMBLY	HSM59801	00059801	1

NOTES:

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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", IN INSTALLATION MANUAL, FOR EXCAVATION AROUND POOL.
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ENGINEERING DRAWING NUMBER: 00064926

WEIGHT: 1002.424 lbs

VOLUME: Inch³

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: IESSEX	CREATION DATE: 5/29/2024	SAMSON STEEL	
DETAILED BY: KRAMANI	DETAILED DATE: 8/31/2026		
LAST REVISED BY: tswallows	LAST REVISED DATE: 8/31/2026	TITLE: STEP, 16' LONG, TOP TREAD 6' TANNING LEDGE, 1'2" 3 TREAD, OPEN POUR, MUDLIP AND BEAD TRACK, 42"	
MATERIAL:			
SIZE: A	SHEET: 4 OF 4	SCALE: 1:128	PART NUMBER: HSSM64926 REV A