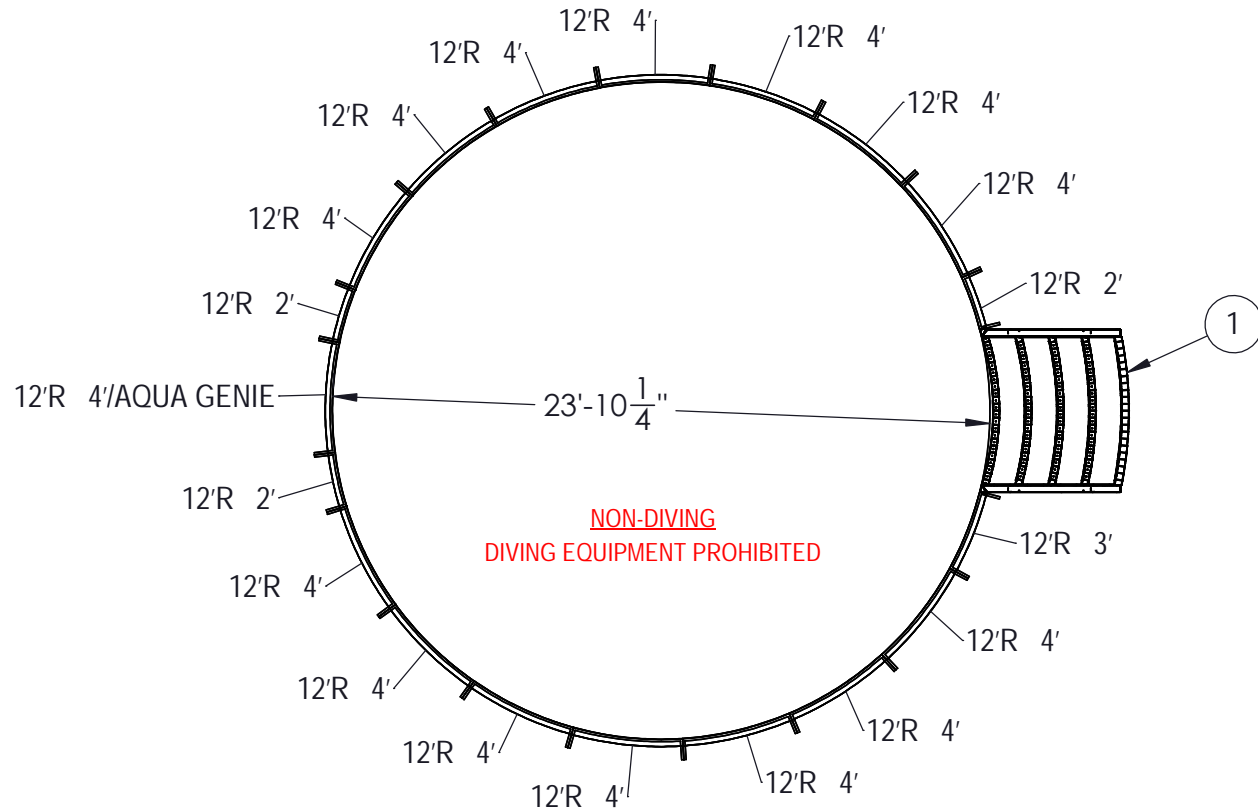


| REVISION HISTORY |                    |           |     |         |
|------------------|--------------------|-----------|-----|---------|
| REV.             | DESCRIPTION        | DATE      | ECO | BY      |
| A                | RELEASED FOR QUOTE | 3/10/2023 |     | MROGERS |



**NON-DIVING  
DIVING EQUIPMENT PROHIBITED**

**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/APSP/ICC REGULATIONS
4. HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.

**EXCAVATION NOTES:**

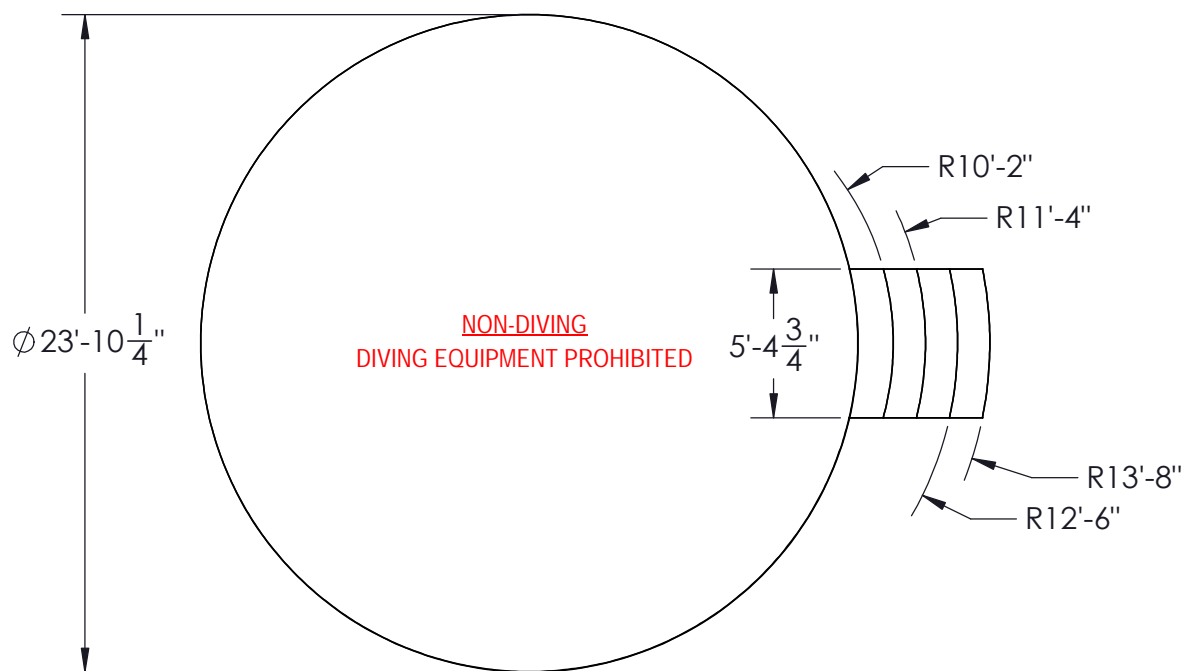
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVER DIG DETAIL", IN INSTALLATION MANUAL, FOR EXCAVATION AROUND POOL.
9. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
10. BACK FILL WITH NON-EXPANSIVE MATERIAL.
11. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS

**IMPORTANT NOTES:**

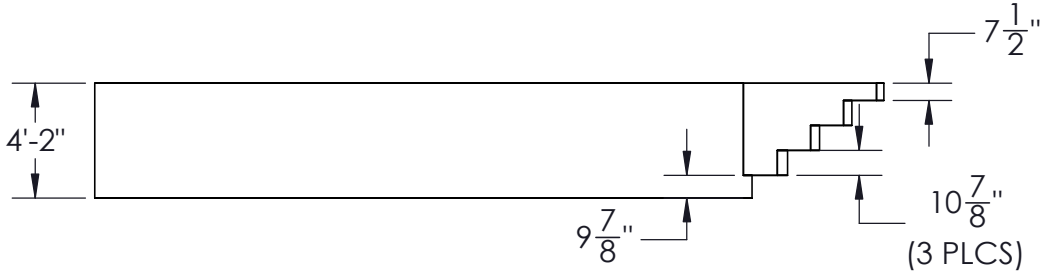
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| ITEM | FILE NAME           | DESCRIPTION  | CUSTOMER DRAWING # | VENDOR PART # | QTY. |
|------|---------------------|--|--------------------|---------------|------|
| 1    | 00028304            | ASSEMBLY, STEP, 52 IN WALL, 4 TREAD, 9FT RADIUS, 6' WIDE, 90° CORNER | HSSH28304          | 00028304      | 1    |
| 2    | BOLT, PACK          | BOLT, FLANGE, 3/8-16 X 1", PACK (50)                                 | HPS1916            | HPS1916       | 8    |
| 3    | 52IN BRACE          | BRACE, BUTTRESS, 52IN  | HPSTRIBRC          | 00025945      | 20   |
| 4    | 52 IN PANEL, RADIUS | PANEL, 12' RADIUS, 2' LONG, 850 SERIES                               | HPSH12R2           | 00027709      | 3    |
| 5    | 52 IN PANEL, RADIUS | PANEL, 12' RADIUS, 3' LONG, 850 SERIES                               | HPSH12R3           | 00043222      | 1    |
| 6    | 52 IN PANEL, RADIUS | PANEL, 12' RADIUS, 4' LONG, 850 SERIES                               | HPSH12R4           | 00025836      | 14   |
| 7    | 52 IN PANEL, RADIUS | PANEL, 12' RADIUS, 4' LONG, AQUA GENIE, 850 SERIES                   | HPSH12R4G          | 00046582      | 1    |
| 8    | STAKE               | STAKE, 14 GA   | HPSSTAKE           | 00003484      | 20   |

|  |                              |   |                                    |   |                     |                   |
|--|------------------------------|---|------------------------------------|---|---------------------|-------------------|
| ENGINEERING DRAWING NUMBER:<br><b>00048611</b> | WEIGHT:<br>lbs               | <b>UNLESS OTHERWISE SPECIFIED</b><br>DIMENSIONS ARE IN INCHES<br>TOLERANCES<br>DECIMALS: X ± .1<br>XX ± .01<br>XXX ± .001<br>XXXX ± .0005<br><br>ANGULAR: X ± 0.5<br>THIRD ANGLE PROJECTION | DESIGNED BY:<br><b>MROGERS</b>     | CREATION DATE:<br><b>10/10/2019</b>   | <b>SAMSON STEEL</b> |                   |
|  | VOLUME:<br>Inch <sup>3</sup> |   | DETAILED BY:<br><b>MROGERS</b>     | DETAILED DATE:<br><b>3/11/2023</b>  |                     |                   |
|  | COLOR:                       |   | LAST REVISED BY:<br><b>mrogers</b> | LAST REVISED DATE:<br><b>3/11/2023</b>  |                     |                   |
|  | HEAT TREAT:                  |   | MATERIAL:                          | TITLE:<br><b>LAYOUT, 24' ROUND, 4'-4" DEEP, FLAT BOTTOM,<br/>HSSH28304, 1- AQUA GENIE, 850 SERIES</b> |                     |                   |
| FINISH:  |                              |   |                                    | PART NUMBER:<br><b>00048611</b>   | SCALE:<br>1:100     | SIZE:<br><b>A</b> |
| TEXTURE:                                       |                              |   |                                    |   | SHEET:<br>1 OF 4    |                   |



| AREA    |       | PERIMETER | VOLUME       |
|---------|-------|-----------|--------------|
| SQ. FT. | FT.   |           | U.S. GALLONS |
| 478.31  | 71.03 |           | 8254.72      |



**NOTES:**

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- 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.

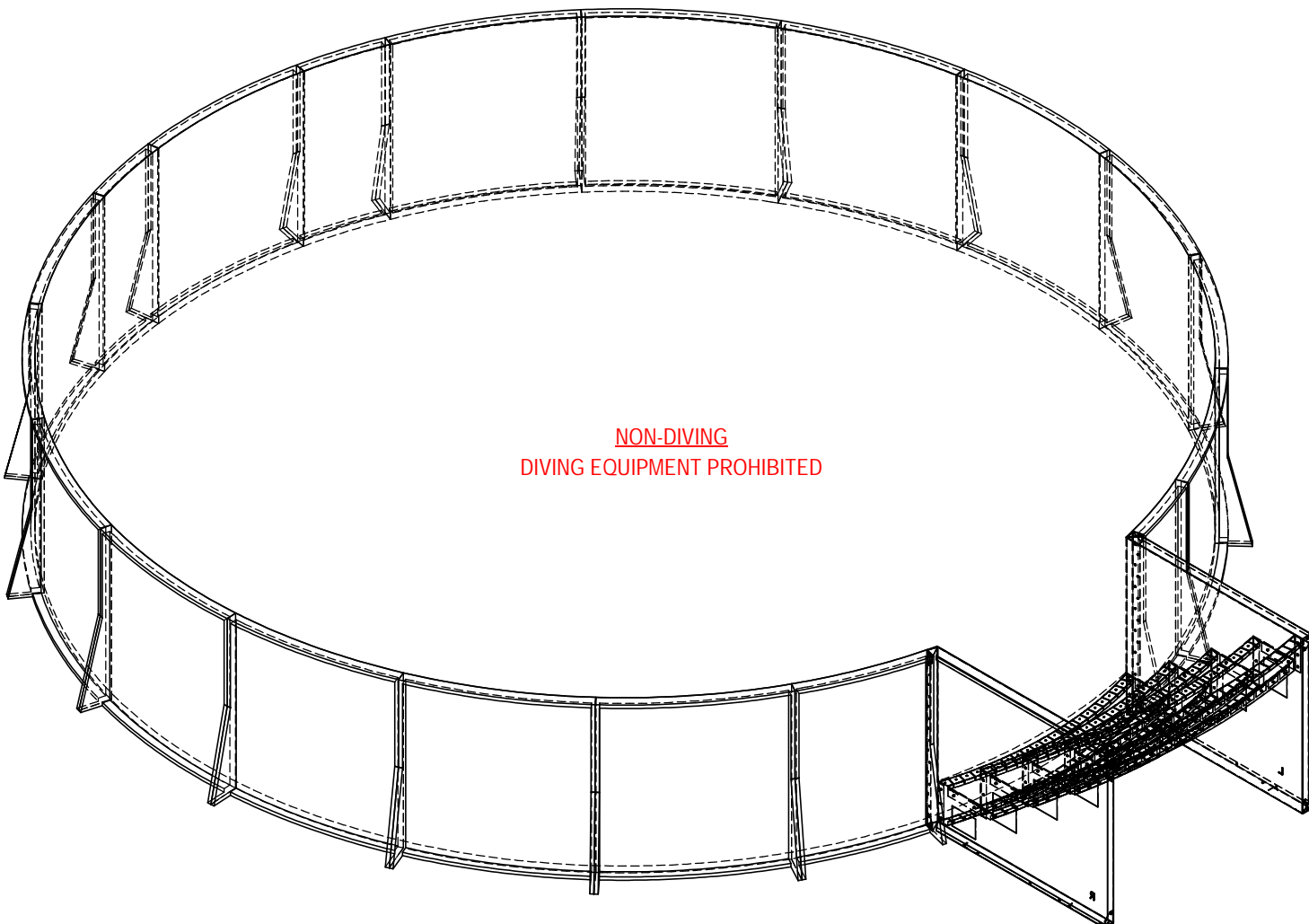
**EXCAVATION NOTES:**

- 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.
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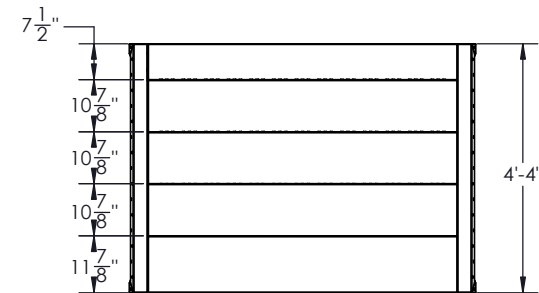
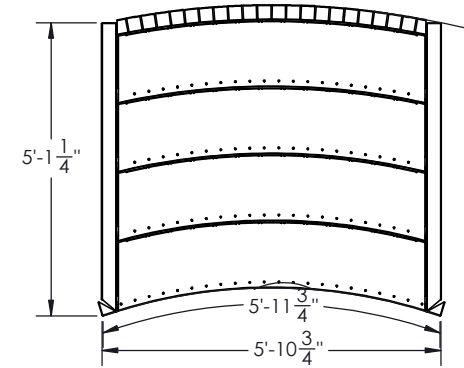
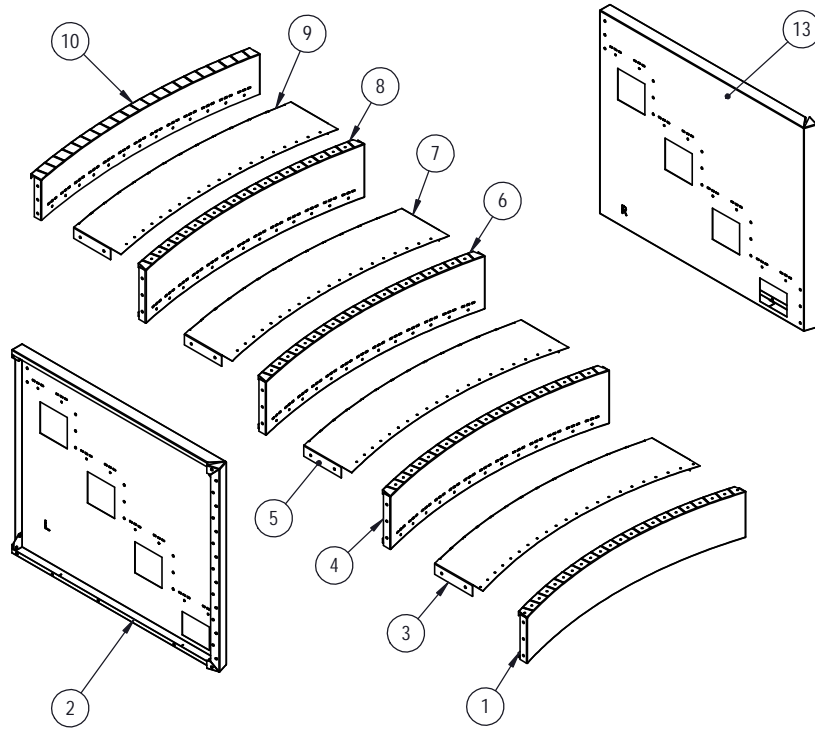
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|  |             |   |                  |                    |  |
|--|-------------|---|------------------|--------------------|--|
| ENGINEERING DRAWING NUMBER:<br><b>00048611</b> | WEIGHT:     | <b>UNLESS OTHERWISE SPECIFIED</b><br>DIMENSIONS ARE IN INCHES<br>TOLERANCES<br>DECIMALS: X ± .1<br>XX ± .01<br>XXX ± .001<br>XXXX ± .0005<br><br>ANGULAR: X ± 0.5<br>THIRD ANGLE PROJECTION | DESIGNED BY:     | CREATION DATE:     | <b>SAMSON STEEL</b><br><br>LAYOUT, 24' ROUND, 4'-4" DEEP, FLAT BOTTOM,<br>HSSH28304, 1- AQUA GENIE, 850 SERIES |
|  | VOLUME:     |   | MROGERS          | 10/10/2019         |  |
|  | COLOR:      |   | MROGERS          | 3/11/2023          |  |
|  | HEAT TREAT: |   | LAST REVISED BY: | LAST REVISED DATE: |  |
| FINISH:  | MATERIAL:   | PART NUMBER:  | <b>00048611</b>  |                    | SCALE:   |
| TEXTURE:                                       |             | SIZE:   |                  |                    | 1:96   |
|  |             |   |                  |                    | SHEET:   |
|  |             |   |                  |                    | 2 OF 4   |
|  |             |   |                  |                    | <b>A</b>   |



|  |                              |   |                                    |  |  |  |  |
|--|------------------------------|---|------------------------------------|--|--|--|--|
| ENGINEERING DRAWING NUMBER:<br><b>00048611</b> | WEIGHT:<br>lbs               | <b>UNLESS OTHERWISE SPECIFIED</b><br>DIMENSIONS ARE IN INCHES<br>TOLERANCES<br>DECIMALS: X ± .1<br>XX ± .01<br>XXX ± .001<br>XXXX ± .0005<br><br>ANGULAR: X ± 0.5<br>THIRD ANGLE PROJECTION<br> | DESIGNED BY:<br><b>MROGERS</b>     | CREATION DATE:<br><b>10/10/2019</b>    | SAMSON STEEL   |  |  |
|  | VOLUME:<br>Inch <sup>3</sup> |   | DETAILED BY:<br><b>MROGERS</b>     | DETAILED DATE:<br><b>3/11/2023</b>     |  |  |  |
|  | COLOR:                       |   | LAST REVISED BY:<br><b>mrogers</b> | LAST REVISED DATE:<br><b>3/11/2023</b> | TITLE: LAYOUT, 24' ROUND, 4'-4" DEEP, FLAT BOTTOM,<br>HSSH28304, 1- AQUA GENIE, 850 SERIES |  |  |
|  | HEAT TREAT:                  |   | MATERIAL:                          |  |  |  |  |
|  | FINISH:                      |   | SIZE:<br><b>A</b>                  | SHEET:<br>3 OF 4                       |  |  |  |
| TEXTURE:                                       |                              |   |                                    |  |  |  |  |



FOR 6" RADIUS CORNERS USE PART # 00027999  
 IT IS USED WITH ALL 6" RADIUS COPING  
 IF 90 DEGREE CORNER ARE REQUIRED LEAVE OUT # 00027999  
 IT IS NOT USED WITH THE POLYMER TOPCAP

| ITEM | FILE NAME             | DESCRIPTION   | CUSTOMER DRAWING # | VENDOR PART # | QTY |
|------|-----------------------|---|--------------------|---------------|-----|
| 1    | 00028303              | RISEK 9FT RADIUS STEP, 52 IN, "D"                             |                    | 00028303      | 1   |
| 2    | 00028294              | ASSEMBLY, PANEL, RADIUS STEP, 52 IN WALL, 4 TREAD, LEFT SIDE  |                    | 00028294      | 1   |
| 3    | 00028298              | TREAD, 9FT RADIUS STEP, 52 IN, BOTTOM "D"                     |                    | 00028298      | 1   |
| 4    | 00028302              | RISEK 9FT RADIUS STEP, 52 IN, "C"                             |                    | 00028302      | 1   |
| 5    | 00028297              | TREAD, 9FT RADIUS STEP, 52 IN, MIDDLE "C"                     |                    | 00028297      | 1   |
| 6    | 00028301              | RISEK 9FT RADIUS STEP, 52 IN, "B"                             |                    | 00028301      | 1   |
| 7    | 00028296              | TREAD, 9FT RADIUS STEP, 52 IN, MIDDLE "B"                     |                    | 00028296      | 1   |
| 8    | 00028300              | RISEK 9FT RADIUS STEP, 52 IN, "A"                             |                    | 00028300      | 1   |
| 9    | 00028295              | TREAD, 9FT RADIUS STEP, 52 IN, TOP "A"                        |                    | 00028295      | 1   |
| 10   | 00028299              | RISEK 9FT RADIUS STEP, 52 IN, TOP BACK                        |                    | 00028299      | 1   |
| 11   |                       | BOLT, PACK  |                    | HPS1916       | 3   |
| 12   | FHSCS 0.375-16x1-HX-N |   |                    |               | 100 |
| 13   | 00028293              | ASSEMBLY, PANEL, RADIUS STEP, 52 IN WALL, 4 TREAD, RIGHT SIDE |                    | 00028293      | 1   |

|                       |  |   |  |  |  |
|-----------------------|--|---|--|--|--|
| PART NUMBER: 00048611 | <b>WEIGHT:</b><br>Lbs:<br>VOLUME:<br>Inch <sup>3</sup> : | <b>UNLESS OTHERWISE SPECIFIED</b><br>DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>DECIMALS: X ± .1<br>XX ± .01<br>XXX ± .001<br>XXXX ± .0005<br>FINISH:<br>TEXTURE: | DESIGNED BY: MIROGERS<br>ESTABLISHED DATE: 3/11/2023<br>LAST REVISED BY: MIROGERS<br>LAST REVISED DATE: 3/11/2023<br>MATERIAL: | CREATOR DATE: 10/10/2019<br>REVISION DATE: 3/11/2023 | <b>SAMSON STEEL</b><br>LAYOUT, 24' ROUND, 4'-4" DEEP, FLAT BOTTOM,<br>HSSH28304, 1- AQUA GENIE, 850 SERIES |
|                       | PART NUMBER: 00048611                                    |   |  |  | SCALE: 1/50<br>SHEET: 4 OF 4   |
|                       | <b>B</b>   |   |  |  |  |