# 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.

**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.

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**Item File Name Description Customer Drawing #**

<table>
<thead>
<tr>
<th>Item</th>
<th>File Name</th>
<th>Description</th>
<th>Customer Drawing #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>PANEL, STRAIGHT</td>
<td>PANEL 8' LONG, 1084, 700 SERIES</td>
<td>HPS1084</td>
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<tr>
<td>2</td>
<td>PANEL, STRAIGHT</td>
<td>PANEL 8' LONG, INLET, 700 SERIES</td>
<td>HPS108I</td>
</tr>
<tr>
<td>3</td>
<td>PANEL, STRAIGHT</td>
<td>PANEL 8' LONG, 700 SERIES</td>
<td>HPS108P</td>
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<tr>
<td>4</td>
<td>PANEL, STRAIGHT</td>
<td>PANEL 8' LONG, LIGHT, 700 SERIES</td>
<td>HPS108L</td>
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<tr>
<td>5</td>
<td>PANEL, STRAIGHT</td>
<td>PANEL 8' LONG, 700 SERIES</td>
<td>HPS108P</td>
</tr>
<tr>
<td>6</td>
<td>PANEL, WEDGE</td>
<td>WEDGE, 2 1/2&quot; X 2 1/2&quot; X 90°</td>
<td>HPS108W</td>
</tr>
<tr>
<td>7</td>
<td>HS110N</td>
<td>STEP, 8', VAN SEAT, 4 TREAD</td>
<td>HPS110N</td>
</tr>
<tr>
<td>8</td>
<td>SB000001</td>
<td>FRAME, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB</td>
<td>HPSFOB</td>
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<tr>
<td>9</td>
<td>BOLT, PACK</td>
<td>BOLT, FLANGE, SB000001 X 90°</td>
<td>HPSFOB</td>
</tr>
</tbody>
</table>

**Material:**

- 72767981 lbs
- Inch³

**Weight:**

- Steel
- Weight: 72767981 lbs
- Volume: 1242932 Inch³

**Unless Otherwise Specified:**

- Dimensions are in inches.
- Tolerances: Decimals: X ± .01, XXX ± .001, XXXX ± .0005
- Angular: X ± 0.5°
- Third Angle Projection

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**Revision History:**

- **Rev.** | **Description** | **Date** | **ECO** | **By**
- | | | | |

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**HYDRA POOLS**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Feature</th>
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</thead>
<tbody>
<tr>
<td>8' x 60'</td>
<td>Rectangle, Lap, 6&quot; Radius, 5' Deep, Flat Bottom, HS110N, 1084, 3-Inlet, 700 Series</td>
</tr>
</tbody>
</table>

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**Design by:**

- Bumphrey
- Jrittenhouse

**Detailed by:**

- Rhouston

**Last Revised by:**

- Rhouston

**Last Revised Date:**

- 4/5/2018

**Title:**

- Layout, 8' x 60', Rectangle, Lap, 6" Radius, 5' Deep, Flat Bottom, HS110N, 1084, 3-Inlet, 700 Series

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**Part Number:**

- 00018179

**Scale:**

- 1:48

**Sheet:**

- 1 of 3
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 TAMMP WELL.
10. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS
11. 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.

Area: 479.79ft^2
Perimeter: 135.14ft
Volume = 16069 US gallons