16' X 41' X 24' TRUE ELL RIGHT 4'R

**DIMENSIONS**

<table>
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<tr>
<th>A 16'</th>
<th>B 41'</th>
<th>C 3'4&quot;</th>
<th>D 17'0&quot;</th>
<th>E 8'-8&quot;</th>
<th>F 8'0&quot;</th>
<th>G 8'0&quot;</th>
<th>H 4'0&quot;</th>
<th>I 4'0&quot;</th>
<th>J 4'0&quot;</th>
<th>K 6'0&quot;</th>
<th>L 14'0&quot;</th>
<th>M 17'0&quot;</th>
<th>N 25'0&quot;</th>
<th>O 8'0&quot;</th>
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</table>

**SQ FOOT** 784  **PERIMETER** 121'5"  **GALLONS** 23862

**EXCAVATION NOTES:**
1. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
2. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 2000 PSF.
3. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
4. SEE "OVERDIG DETAIL" FOR EXCAVATION AROUND POOL.
5. BACKFILL WITH NON-EXPANSIVE MATERIAL.

**OVERDIG DETAIL**

**PANEL LEGEND**
- LIGHT SKIMMER AQUAGENIE
- CONCRETE COLLAR
- CONCRETE DECK
- UNDISTURBED EARTH
- BACKFILL

**OVERDIG DETAIL**

*NOTE: THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.*

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**IMPORTANT NOTES:**
THE DOCUMENTS 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.

**ATTENTION DEALER/BUILDER:**
- It is your responsibility to ensure the safety package provided is delivered to the pool owner and that the "NO DIVING" labels are properly installed.
- "NO DIVING" WARNING LABELS MUST BE INSTALLED IN NO DIVING AREAS ACCORDING TO ANSI SPECIFICATIONS.

**NOTES:**
1. THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
3. THE IDEAL WATER LEVEL SHOULD BE TO THE MIDDLE OF THE SKIMMER OPENING(S).

**TOLERANCES**
- DECIMALS: ± 0.1
- ± 0.01
- ± 0.005
- ± 0.0005

**ANGULAR:** ± 0.5

**DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED**

**WEIGHT:**
- 16' X 41' X 24' TRUE ELL RIGHT 4'R
- SAMSON STEEL BY HYDRA POOLS
- 86.515 lbs
- 2394.720 Inch³

**MATERIAL:**
- Material not specified

**ENGINEERING DRAWING NUMBER:**
- 00001155

**LAST REVISED DATE:**
- 10/17/2012

**DESIGN BY:**
- Rcolboch

**REVISION HISTORY**

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**ITEM NO.**
- 1 HPSD108P 8' PLAIN PANEL 7
- 2 HPSFOB STEEL BRACE 18
- 3 HPSD108L 8' LIGHT PANEL 1
- 4 HPSD108AG 8 AG PANEL 2
- 5 HPS2RR 2'R REVERSE PANEL 1
- 6 HPS1916 BOLT PACK 50 PCS 6
- 7 HPSD102P 2' PLAIN PANEL 1
- 8 HPSD4R 4'R PANEL 5
- 9 HPSD103P 3' PLAIN PANEL 1
- 10 HPSD101P 1' PLAIN PANEL 1