20' X 40' RECTANGLE 2' R

**DIMENSIONS**

- SQ FOOT: 800
- PERIMETER: 116'7" (116.7 feet)
- GALLONS: 25490

**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).

**Excavation Notes:**
4. Rough excavation should be 2" deeper in each instance.
5. Soil to have minimum bearing capacity of 2000 PSF.
6. Locate top of pool at least 6" above the surrounding land elevation.
7. See "OverDig Detail" for excavation around pool.
8. Backfill with non-expansive material.

**Important Notes:**
- The documents are 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.

**No Diving Warning:**
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**Panel Legend:**
- Light Skimmer
- Aquagenie
- Concrete Deck
- Undisturbed Earth
- Concrete Collar
- Steel Panel
- Brace
- OverDig Detail
- Concrete Back

**Item No.**
- 1 HPSD108P 8' Plain Panel
- 2 HPSF0B Steel Brace
- 3 HPSQR 2R Panel
- 4 HPSD108AG 8' AG Panel
- 5 HPS10BL 8' Light Panel
- 6 HPS104P 4' Plain Panel
- 7 HPS1916 Bolt Pack 50 pcs

**Dimensions Are In Inches**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Part Number</th>
<th>Description</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HPSD108P</td>
<td>8' Plain Panel</td>
<td>7</td>
</tr>
<tr>
<td>2</td>
<td>HPSF0B</td>
<td>Steel Brace</td>
<td>20</td>
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<tr>
<td>3</td>
<td>HPSQR</td>
<td>2R Panel</td>
<td>4</td>
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<td>HPS1916</td>
<td>Bolt Pack 50 pcs</td>
<td>5</td>
</tr>
</tbody>
</table>

**Weight:**
- 8/30/2012

**Volume:**
- 2394.720 Inch³

**Material:**
- RCOLBOCH

**Design:**
- By Samson Steel

**Engineer:**
- By Hydros Pools

**Date:**
- 10/17/2012

**Revision History:**
- REV. DESCRIPTION DATE STATUS ECO BY
- A 40'0" 11/5/2012 PRODUCTION NONE

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**Tolerances:**
- ±0.1
- ±0.01
- ±0.005
- ±0.0005

**Angular:**
- ±0.5

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