**14' X 29'2" LAGOON LEFT**

**DIMENSIONS**

- SQ FOOT: 430
- PERIMETER: 76'
- GALLONS: 11154

**EXCAVATION NOTES:**

1. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
2. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 2000 PSI.
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.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 2000 PSI.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVERDIG DETAIL" FOR EXCAVATION AROUND POOL.
9. BACKFILL WITH NON-EXPANSIVE MATERIAL.

**OVERDIG DETAIL:**

- **NOTES:**
  - THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
  - DIMENSIONS ARE FROM INSIDE POOL PANELS.
  - THE IDEAL WATER LEVEL SHOULD BE TO THE MIDDLE OF THE SKIMMER OPENING(S).
  - ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
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  - BACKFILL WITH NON-EXPANSIVE MATERIAL.

**ITEM NO.** | **PART NUMBER** | **DESCRIPTION** | **QTY.**
--- | --- | --- | ---
2 | HPSD7R8 | 7'R 8" PLAIN PANEL | 5
3 | HPSFOB | STEEL BRACE | 12
4 | HPSD7RR8 | 8'R 7" REVERSE PANEL | 1
5 | HPSD7R7 | 7'R 7" PLAIN PANEL | 1
6 | HPSD7RR4 | 7'R 4" REVERSE PANEL | 2
7 | HPSD7R4 | 7'R 4" REVERSE PANEL | 2
8 | HPSD7R8L | 7'R 8" LIGHT PANEL | 1
9 | HPSD7R3 | 7'R 3" PLAIN PANEL | 1
10 | HPS1916 | BOLT PACK 50 PCS | 3

**WEIGHT:**

- 86.515 lbs
- 2394.720 Inch³

**MATERIAL:**

- RCOLBOCH

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**OVERDIG DETAIL**

- **OVERDIG DETAIL**
  - **DETAILED DATE:** 10/17/2012
  - **CREATION DATE:** 11/16/2012
  - **LAST REVISED BY:** Rcolboch
  - **DESIGNED BY:** SAMSON STEEL
  - **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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---

**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.

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**'NO DIVING' LABELS MUST BE INSTALLED IN NO DIVING AREAS ACCORDING TO ANSI SPECIFICATIONS.**

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**UNLESS OTHERWISE SPECIFIED:**

- **AMOUNTS ARE IN INCHES**
- **TOLERANCES**
  - X ± 0.1
  - XX ± 0.01
  - XXX ± 0.005
  - XXXX ± 0.0005
- **ANGULAR:**
  - X ± 0.5
- **DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED**

---

**REFERENCES:**

- SAMSON STEEL
- BY HYDRA POOLS
- 14' X 29'2" LAGOON LEFT
8/30/2012

VOLUME: 2394.720 Inch³
WEIGHT: 86.515 lbs

UNDISTURBED EARTH
CONCRETE COLLAR
BACKFILL (NON EXPANSIVE)
Concrete Deck
A Frame Brace
Steel Panel
Coping
Aluminum
2" Vermiculite

HOT TOPICS:
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8. FILL Voids UNDER BASE OF PANELS AND TAMIP WELL.
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**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 "over dig detail" for excavation around pool.
8. Fill voids under base of panels and tamp well.
9. Backfill 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.

- No diving warning: 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.

**OVERDIG DETAIL**

**STEEL PANEL**

**CONCRETE COLLAR**

**COPING**

**UNDISTURBED EARTH**

**BACKFILL**

**CONCRETE DECK**

**LIGHT**

**SHRINER**

**AQUAGENE**

**CONTENTS**

- 160 B
- Panel Legend
- Excavation Notes
- Important Notes
- No Diving Warning
- Overdig Detail

**REVISION HISTORY**

- REV
- DESCRIPTION
- DATE
- STATUS
- ECO
- BY

**WEIGHT:**

- 86.515 lbs
- 2394.720 inch³

**VOLUME:**

- 8/30/2012
- 10/17/2012
- 11/16/2012

**HEAT TREAT:**

- NA
- NA

**COLOR:**

- NA
- NA

**FINISH:**

- NA
- NA

**TEXTURE:**

- NA
- NA

**ENGINEERING DRAWING NUMBER:**

- 00001265

**TITLE:**

- 14' X 29'2" LAGOON LEFT

**MATERIAL:**

- Rcolboch
- Rcolboch

**ENGINEER:**

- rcolboch
- rcolboch

**DESIGNER:**

- rcolboch
- rcolboch

**DETAILED BY:**

- rcolboch
- rcolboch

**CREATION DATE:**

- 8/30/2012

**LAST REVISED BY:**

- rcolboch

**DETAILED DATE:**

- 8/30/2012

**UPDATED DATE:**

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