**18' X 35'8" LAGOON LEFT**

**DIMENSIONS**
- SQ FOOT: 644
- PERIMETER: 94'
- GALLONS: 24550

**EXCAVATION NOTES:**
- Base of panels should be to the middle of the skimmer opening.
- The ideal pool level should be to the middle of the skimmer opening.
- See "overdig detail" for excavation around pool.
- Fill voids under base of panels and tamp well.
- 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.

**OVERDIG DETAIL**
- 26" backfill (non-expansive)
- Undisturbed earth
- Concrete deck

**PANEL LEGEND**
- Light: Panel
- Skimmer: Panel
- Aquagenie: Panel

**CONCRETE COLLAR**

**REVISION HISTORY**
- 11/16/2012: 8'R 8' AQUAGENIE PANEL
- 10/17/2012: 8'R 8' REVERSE PANEL
- 18'R 8' REVERSE PANEL
- 8'R 1' REVERSE PANEL
- 9'R 7' PLAIN PANEL
- 8'R 1' PLAIN PANEL
- 8'R 5' REVERSE PANEL
- 8'R 1' REVERSE PANEL
- 8'R 8' AQUAGENIE PANEL

**ITEM NO.** | **PART NUMBER** | **DESCRIPTION** | **QTY.**
--- | --- | --- | ---
2 | HPSD9R8 | 9'R 8' PLAIN PANEL | 5
3 | HPSF0B | STEEL BRACE | 16
4 | HPSD9R8L | 9'R 8' LIGHT PANEL | 1
5 | HPSD9R7 | 9'R 7' PLAIN PANEL | 2
6 | HPSD9R2 | 8'R 2' PLAIN PANEL | 2
7 | HPSD9R8R5 | 8'R 5' REVERSE PANEL | 2
8 | HPSD9R1L | 8'R 1' REVERSE PANEL | 1
9 | HPSD9R88 | 8'R 8' AQUAGENIE PANEL | 1
10 | HPS1916 | BOLT PACK 50 PCS | 4
11 | HPSD9R8A | 8'R 8' AQUAGENIE PANEL | 1
12 | HPSD9R8A | 8'R 8' AQUAGENIE PANEL | 1

**SCALE:** 1:96

**STATUS:** BY HYDRA POOLS

**18 X 35'8" LAGOON LEFT**
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. BACK FILL WITH NON-EXPANSIVE MATERIAL.

IMPORTANT NOTES:
THE 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.

IMPORTANT NOTES:
"NO DIVING" WARNING LABELS MUST BE INSTALLED IN NO DIVING AREAS ACCORDING TO ANSI SPECIFICATIONS.

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. BACK FILL WITH NON-EXPANSIVE MATERIAL.

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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 TAMPER WELL.
9. BACK FILL WITH NON-EXPANSIVE MATERIAL.

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NO DIVING WARNING
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.

EXCAVATION:
ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.

SOIL TO HAVE MINIMUM BEARING CAPACITY OF 2000 PSF.

LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.

FILL voids UNDER BASE OF PANELS AND TAMPER WELL.

BACK FILL WITH NON-EXPANSIVE MATERIAL.

VOLUME:
2394.720 Inch³

WEIGHT:
86.515 lbs

8/30/2012

33" 0" 33" 0"
22" 8" 22" 8"
18" 18" 18" 18"
10" 10" 10" 10"
6" 6" 6" 6"
5" 5" 5" 5"
4" 4" 4" 4"
3" 3" 3" 3"
2" 2" 2" 2"
1" 1" 1" 1"
0" 0" 0" 0"

OVER DIG DETAIL

CONCRETE DECK

STEEL PANEL

BRACE

COPING

CONCRETE COLLAR

UNDISTURBED EARTH

BACKFILL

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