**22' X 40'5" OVAL**

**DIMENSIONS**

- **SQ FOOT**: 889
- **PERIMETER**: 106'
- **GALLONS**: 25423

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**OVERDIG DETAIL**

- **LIGHT SKIMMER**: AQUAGENIE
- **CONCRETE COLLAR**: UNDISTURBED EARTH
- **BACKFILL**: 2"
- **CONCRETE DECK**: 40'5"
- **CONCRETE BRACE**: R70'
- **COPING**: R110'

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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).
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. BACK FILL WITH NON-EXPANSIVE MATERIAL.
9. IMPORTANT NOTES:

**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.**

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**REVISION HISTORY**

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<th>REV</th>
<th>DESCRIPTION</th>
<th>DATE</th>
<th>STATUS</th>
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**ITEM NO.** | **PART NUMBER** | **DESCRIPTION** | **QTY.**
--- | --- | --- | ---
1 | HPSTD11RBL | 11'R 8' LIGHT PANEL | 1
2 | HPSTDFOB | STEEL BRACE | 16
3 | HPSTD11R8 | 11'R 8' PLAIN PANEL | 5
4 | HPSTD108AG | 8' AG PANEL | 2
5 | HPSTD108P | 8' PLAIN PANEL | 2
6 | HPSTD103P | 3' PLAIN PANEL | 2
7 | HPSTD11R5 | 11'R 5' PLAIN PANEL | 4
8 | HPSTD1016 | BOLT PACK 50 PCS | 4

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**WEIGHT:**

- **KILOS**: 86.515 lbs
- **INCHES**: 2394.720

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**SCALE:**

- **DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED**

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**EXCAVATION NOTES:**

- ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
- INSTALL STAPLES TO HAVE MINIMUM BEARING CAPACITY OF 2000 PSF.
- LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
- SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
- BACK FILL WITH NON-EXPANSIVE MATERIAL.

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**ITEMS:**

- **FILL VOIDS UNDER BASE OF PANELS AND TAMM WELL.

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**MATERIAL:**

- **SAMSON STEEL**
- **BY HYDRA POOLS**

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**COLOR:**

- **FINISH:** NA
- **TEXTURE:** NA

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**ENGINEERING DRAWING NUMBER:** 00000853

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**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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**NO DIVING WARNING:**

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