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.
7. SEE "OVERDIG DETAIL" FOR EXCAVATION AROUND POOL.
8. BACK FILL WITH NON-EXPANSIVE MATERIAL.

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.

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.

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

SAMSON STEEL BY HYDRA POOLS
16' X 32'1" KIDNEY LEFT

DIMENSIONS
A A B 16'1"
A C 16'0"
A D 16'0"
B C 16'0"
B D 16'0"
A S1 21'6 1/8"
A S2 13'8 1/4"

WEIGHT: 86.515 lbs
VOLUME: 2394.720 Inch³
### 16' X 32'1" KIDNEY LEFT

#### Panel Legend
- **Light Skimmer Aquagenie**
- **Concrete Collar**
- **Concrete Deck**
- **Steel Panel**
- **Brace**
- **Coping**
- **Undisturbed Earth**
- **Backfill**

#### Tolerances
- Decimal: X ± 0.1
- Angular: X ± 0.5

#### Dimensions
- Dimensions are from inside pool panels.
- The ideal water level should be to the middle of the skimmer opening(s).
- Excavation notes:
  - 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.

#### 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. Excavation notes:
   - 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.

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#### Panel Dimensions
<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>A-B</th>
<th>B-C</th>
<th>A-C</th>
</tr>
</thead>
<tbody>
<tr>
<td>10'1&quot;</td>
<td>5/8&quot;</td>
<td>35'4&quot;</td>
<td>3/8&quot;</td>
<td>37'2&quot;</td>
<td>3/8&quot;</td>
<td>15'4&quot;</td>
</tr>
<tr>
<td>9'3&quot;</td>
<td>1/4&quot;</td>
<td>32'3&quot;</td>
<td>3/4&quot;</td>
<td>36'4&quot;</td>
<td>3/4&quot;</td>
<td>18'11&quot;</td>
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<td>14'6&quot;</td>
<td>1/4&quot;</td>
<td>24'3&quot;</td>
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<td>16'4&quot;</td>
<td>3/8&quot;</td>
<td>26'4&quot;</td>
<td>3/4&quot;</td>
<td>30'5&quot;</td>
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<tr>
<td>30'2&quot;</td>
<td></td>
<td>10'1&quot;</td>
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<td>20'5&quot;</td>
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<td>35'5&quot;</td>
</tr>
<tr>
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<td>8/12&quot;</td>
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<td></td>
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<td>8'2&quot;</td>
<td>1/8&quot;</td>
<td>34'10&quot;</td>
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</table>

#### Weight:
- 286.515 lbs
- 2394.720 Inch³

#### Material:
- Concrete Collar
- Concrete Deck
- Undisturbed Earth
- Backfill

#### Revision History:
- REV. DESCRIPTION DATE STATUS ECO BY
- 1 OF 1
16' X 32'1" KIDNEY 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 BARIED CAPACITY OF 3000 P.S.F.
6. LOCATE TOP OF POOL AT LEAST 6' ABOVE THE SURROUNDING LAND ELEVATION.
7. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
8. FALL VOWS UNDER BASE OF PANELS AND TAMP WELL.
9. BACK FILL WITH NON-EXPANSIVE MATERIAL.

**IMPORTANT NOTES:**
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**OVERDIG DETAIL**
- CONCRETE DECK
- CONCRETE COLLAR
- STEEL PANEL
- BRACE
- COPING
- LIGHT SKIMMER
- AQUAGENIE
- LIGHT SKIMMER AQUAGENIE
- UNDISTURBED EARTH
- BACKFILL