**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 PSI.
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.
10. Soil to have minimum bearing capacity of 2000 PSI.
11. Locate top of pool at least 6" above the surrounding land elevation.
12. See "Over Dig Detail" for excavation around pool.
13. Fill voids under base of panels and tamp well.
14. Backfill with non-expansive material.

**Panel Legend:**

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

**Over Dig Detail:**

- **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.

**Important Notes:**

These 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 Label:**

- Install in no diving areas according to ANSI specifications.

**Material:**

- Samson Steel by Hydra Pools

**Engineering Drawing Number:**

- 00001178

**Third Angle Projection:**

- 1:96

**Tolerances:**

- X ± 0.1
- XX ± 0.01
- XXX ± 0.005
- XXXX ± 0.0005
- Angular: X ± 0.5

**Dimensions are in inches unless otherwise specified.**

**Material:**

- Not specified

**Weight:**

- 86.515 lbs
- 2394.720 Inch³

**Revision History:**

- SQ Foot 1100
- Perimeter 139'8" GALLONS 33176