**16' X 32' RECTANGLE 4' R**

**DIMENSIONS**
- SQ FOOT: 512
- PERIMETER: 89'2"
- GALLONS: 14325

**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 P.S.F.
6. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
7. SEE "OVERDIG DETAIL" FOR EXCAVATION AROUND POOL.
8. 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.

**Panel Legend:***
- LIGHT SKIMMER AQUAGENIE
- CONCRETE DECK
- UNDISTURBED EARTH
- CONCRETE COLLAR
- STEEL PANEL
- BRACE
- COPING
- CONCRETE BOTTOM
- BACKFILL

**Panel Dimensions:***
- M: 16' 0"
- K: 5' 0"
- L: 7' 6"
- B: 32' 0"
- M2: 6' 0"
- M: 6' 0"
- T: 6' 0"
- S: 12' 0"
- N: 2' 0"
- P: 2' 0"
- U: 7' 6"
- J: 7' 6"

**Revision History:**
- REV. DESCRIPTION: A 11/5/2012 PRODUCTION

**Item No.**
- 1. HPSD108P 8' PLAIN PANEL
- 2. HPSFOB STEEL BRACE
- 3. HPSD4R 4'R PANEL
- 4. HPSD108AG 8' AG PANEL
- 5. HPSD108L 8' LIGHT PANEL
- 6. HPS1916 BOLT PACK 50 PCS

**Engineering Drawing Number:**
- 00000783

**Material:**
- SAMSON STEEL

**Hydra Pools**
- 16' X 32' RECTANGLE 4' R

**Bolt Pack:**
- 60128

**Dimensions are in Inches**

**Letters:**
- A: Viewed from Deep End
- B: Bowtie
- D: 3'4" M 6'0"
- E: 2'-8" M2 6'0"
- F: 6'0" T
- G: 12'0" S
- H: 2'0" N
- I: 2'0" P
- J: 7'6" U
- M: 16' 0"
- K: 5' 0"
- L: 7' 6"
- B: 32' 0"
- M2: 6' 0"

**Units:**
- SQ FOOT: 512
- GALLONS: 14325