**NOTES:**
1. These are finished dimensions ready for the liner.
2. Dimensions are from inside pool panels.
3. Rope and float assembly should be installed in accordance with current ANSI/ASPS/ICC regulations.
4. HYDRA liner track for steps is installed with the barb facing the riser wall on the step.

**EXCAVATION NOTES:**
5. Rough excavation should be 2" deeper in each instance.
6. Soil to have minimum bearing capacity of 1500 PSF.
7. Locate top of pool at least 6" above the surrounding land elevation.
8. See "over dig detail" for excavation around pool.
9. Fill voids under base of panels and tamp well.
10. Back fill with non-expansive material.
11. Follow all current ANSI / APSP / ICC guidelines for residential pools.

**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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**ITEM** | **FILE NAME** | **DESCRIPTION** | **CUSTOMER DRAWING #** | **VENDOR PART #** | **QTY**
--- | --- | --- | --- | --- | ---
1 | BOLT, PACK | BOLT, FLANGE, 3/8-16 X 1", PACK (50) | HPS1916 | HPS1916 | 5
2 | SBRACE | BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB | HPSFOB | HPSFOB | 21
3 | PANEL, STRAIGHT | PANEL, 1' LONG, 600 SERIES | HPSD101P | 00000261 | 1
4 | PANEL, STRAIGHT | PANEL, 2' LONG, 600 SERIES | HPSD102P | 00000261 | 1
5 | PANEL, RR | PANEL, 2' REVERSE RADIUS, 3'-1 3/4" LONG, 600 SERIES | HPSD2RR | 00000261 | 1
6 | PANEL, STRAIGHT | PANEL, 3' LONG, 600 SERIES | HPSD303P | 00000261 | 1
7 | PANEL, RADIUS | PANEL, 4' RADIUS, 6'-3 3/8" LONG, 600 SERIES | HPSD4R | 00000261 | 5
8 | PANEL, STRAIGHT | PANEL, 6' LONG, 600 SERIES | HPSD606P | 00000261 | 2
9 | PANEL, STRAIGHT | PANEL, 6' LONG, 600 SERIES | HPSD6108P | 00000261 | 2
10 | PANEL, STRAIGHT | PANEL, 8' LONG, INLET, 600 SERIES | HPSD108I | 00000701 | 3
11 | PANEL, STRAIGHT | PANEL, 8' LONG, LIGHT, 600 SERIES | HPSD108L | 00000701 | 5
12 | HS110N | STEP, 8', TWIN SEAT, 4 TREAD | HS110N | HS110N | 1
Area: 895.69 ft^2
Perimeter: 136.56 ft
Volume = 28957 US gallons

NOTES:
1. THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
3. ROPE AND FLOAT ASSEMBLY SHOULD BE INSTALLED IN ACCORDANCE WITH CURRENT ANSI/ASPS/ICC REGULATIONS
4. HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.
EXCAVATION NOTES:
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
9. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
10. BACK FILL WITH NON-EXPANSIVE MATERIAL.
11. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS

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.
HYDRA POOLS

LAYOUT, 16' X 41' X 32', TRUE L, RIGHT, 4' RADIUS, 2' REVERSE RADIUS, 8' DEEP, LIGHT, 2-1084, 3-INLET, 600 SERIES

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

THIRD ANGLE PROJECTION

DESIGNED BY:
BUMPHREY

DETAILED BY:
BUMPHREY

CREATED DATE:
4/4/2013

LAST REVISED DATE:
1/3/2018

TOLERANCES

DECIMALS: X ± .1
XX ± .01
XXX ± .001
XXXX ± .0005

ANGULAR: X ± 0.5

VOLUME:
Inch³

MATERIAL:

ENGINEERING DRAWING NUMBER:
00017061

WEIGHT:
lbs

VOLUME:
Inch³

COLOR:
NA

FINISH:
NA

TEXTURE:
NA
