**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 #**

1. PANEL, RADIUS PANEL, 4' RADIUS, 6 3/8" LONG, 700 SERIES HPSE4R 00002458 4
2. PANEL, STRAIGHT PANEL, 8' LONG, INLET, 700 SERIES HPSE108I 00004969 3
3. PANEL, STRAIGHT PANEL, 8' LONG, 700 SERIES HPSE108P 00004961 2
4. PANEL, STRAIGHT PANEL, 8' LONG, LIGHT, 700 SERIES HPSE108L 00004962 1
5. PANEL, STRAIGHT PANEL, 8' LONG, 1084, 700 SERIES HPSE10884 00004966 1
6. PANEL, STRAIGHT PANEL, 2' LONG, 700 SERIES HPSE102P 00005483 2
7. PANEL, STRAIGHT PANEL, 4' LONG, 700 SERIES HPSE104P 00002723 1
8. HS110N STEP, 8', TWIN SEAT, 4 TREAD HS110N HS110N 19 SBRACE BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB HPSFOB HPSFOB 15
9. 10 BOLT, PACK BOLT, FLANGE, 3/8" X 1", PACK (50) HPS1916 HPS1916 4

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**HYDRA POOLS**

LAYOUT, 16" X 36", RECTANGLE, 4" RADIUS, SPORT BOTTOM, 6' DEEP, HS110N, LIGHT, 1084, 3-INLET, 700 SERIES

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**REV. LEVEL: A**
**REV. DATE: JULY 26, 2015**
**DOCUMENT ID: CF7308, ANSI LANDSCAPE**
**Wednesday, April 04, 2018 11:45:14 AM**
Area: 562.27 ft $^2$
Perimeter: 97.13 ft
Volume = 17292 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.
NON-DIVING
DIVING EQUIPMENT PROHIBITED

WEIGHT: 4/4/2018

VOLUME: 4/4/2018

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
DECIMALS: X ± .1
XXX ± .001
XXX ± .0005
ANGULAR: X ± 0.5

ENGINEERING DRAWING NUMBER: 00018153

HYDRA POOLS
LAYOUT, 16' X 36', RECTANGLE, 4' RADIUS, SPORT BOTTOM, 6' DEEP, HS110N, LIGHT, 1084, 3-INLET, 700 SERIES

DESIGNED BY: BUMPHREY
CREATION DATE: 5/16/2013

DETAILED BY: JITTENHOUSE
DETAILED DATE: 4/4/2018

LAST REVISED BY: RHUSTON
LAST REVISED DATE: 4/4/2018

MATERIAL:

LAYOUT, 16' X 36', RECTANGLE, 4' RADIUS, SPORT BOTTOM, 6' DEEP, HS110N, LIGHT, 1084, 3-INLET, 700 SERIES

TITLE:

CREATION DATE: 5/16/2013

DETAILED DATE: 4/4/2018

LAST REVISED DATE: 4/4/2018

MATERIAL:

LAYOUT, 16' X 36', RECTANGLE, 4' RADIUS, SPORT BOTTOM, 6' DEEP, HS110N, LIGHT, 1084, 3-INLET, 700 SERIES

TITLE:

CREATION DATE: 5/16/2013

DETAILED DATE: 4/4/2018

LAST REVISED DATE: 4/4/2018

MATERIAL: