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.
5. EXCAVATION NOTES:
   1. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
   2. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
   3. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
   4. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
   5. FILL VOIDS UNDER BASE OF PANELS AND TAMPER WELL.
   6. 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.

ITEM | FILE NAME | DESCRIPTION | CUSTOMER DRAWING # | VENDOR DRAWING # | 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 | 20
3 | PANEL, RADIUS | PANEL, 2 RADIUS, 3-2" LONG, 700 SERIES | HPS104P | HPS104P | 2
4 | PANEL, STRAIGHT | PANEL, 6' LONG, 700 SERIES | HPS106P | HPS106P | 4
5 | PANEL, STRAIGHT | PANEL, 6' LONG, INLET 700 SERIES | HPS106I | HPS106I | 2
6 | PANEL, STRAIGHT | PANEL, 8' LONG, 700 SERIES | HPS1084 | HPS1084 | 2
7 | PANEL, STRAIGHT | PANEL, 8' LONG, INLET, 700 SERIES | HPS108I | HPS108I | 2
8 | PANEL, STRAIGHT | PANEL, 8' LONG, LIGHT, 700 SERIES | HPS108P | HPS108P | 4
9 | PANEL, STRAIGHT | PANEL, 8' LONG, LIGHT, 700 SERIES | HPS108P | HPS108P | 4
10 | PANEL, STRAIGHT | PANEL, 8' LONG, LIGHT, 700 SERIES | HPS108P | HPS108P | 1
11 | HS110N | STEP, TWIN SEAT, 4 TREAD | HS110N | HS110N | 1

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES: X ± .1
XX ± .01
XXX ± .001
XXXX ± .0005

ANGULAR: X ± 0.5
THIRD ANGLE PROJECTION

Designed By: BUMPHREY
Date: 4/18/2013

Drawn By: BUMPHREY
Date: 1/19/2018

Last Revised By: bumphrey
Date: 1/19/2018

HYDRA POOLS
LAYOUT, 24' x 40', RECTANGLE, 2 RADIUS, 8' DEEP
HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES

PART NUMBER: 00017291
Area: 956.57ft²
Perimeter: 124.57ft
Volume = 34724 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 TAM P 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, 24' X 40', RECTANGLE, 2' RADIUS, 8' DEEP,
HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES

DESIGNED BY: BUMPHREY
CREATION DATE: 4/18/2013
LAST REVISED BY: BUMPHREY
LAST REVISED DATE: 1/19/2018

TITLE: LAYOUT, 24' X 40', RECTANGLE, 2' RADIUS, 8' DEEP,
HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES

PART NUMBER: 00017291

MATERIAL: HYDRA POOLS

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

WEIGHT: lbs
VOLUME: Inch³
MATERIAL: HYDRA POOLS
MADE FROM: 00016956

TOLERANCES
DECIMALS: X ± .1
XX ± .01
XXX ± .001
XXXX ± .0005
ANGULAR: X ± 0.5
THIRD ANGLE PROJECTION

WEIGHT: lbs
VOLUME: Inch³
MATERIAL: HYDRA POOLS
MADE FROM: 00016956

TOLERANCES
DECIMALS: X ± .1
XX ± .01
XXX ± .001
XXXX ± .0005
ANGULAR: X ± 0.5
THIRD ANGLE PROJECTION