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. 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.

EXCAVATION NOTES:
- ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
- SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
- LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
- SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
- FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
- BACK FILL WITH NON-EXPANSIVE MATERIAL.
- FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS.

ITEM | FILE NAME | DESCRIPTION | CUSTOMER DRAWING # | VENDOR DRAWING | QTY |
--- | --- | --- | --- | --- | --- |
1 | PANEL, STRAIGHT PANEL, 8' LONG, 1084, 700 SERIES HPSE1084 | 00004966 | 1 |
2 | PANEL, STRAIGHT PANEL, 8' LONG, INLET, 700 SERIES HPSE108I | 00004969 | 3 |
3 | PANEL, STRAIGHT PANEL, 8' LONG, 700 SERIES HPSE108P | 00004962 | 2 |
4 | PANEL, STRAIGHT PANEL, 8' LONG, LIGHT, 700 SERIES HPSE108L | 00004962 | 1 |
5 | HS110N STEP, 8', TWIN SEAT, 4 TREAD HS110N | HS110N | 1 |
6 | PANEL INDDGE WEDGE, 2 1/2" X 2 1/2" X 90° HPSC06 | 00003541 | 4 |
7 | BOLT, PACK BOLT, FLANGE, 3/8-16 X 1", PACK (50) HPS1916 | HPS1916 | 4 |
8 | BOLT, PACK BOLT, FLANGE, 3/8-16 X 1", PACK (50) HPS1916 | HPS1916 | 4 |
9 | BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPFSC06 | HPFSC06 | 18 |
**Area:** 391.79ft $^2$

**Perimeter:** 83.14ft

**Volume = 12402 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.

**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.

**Dimensions:**
- Area: 391.79ft $^2$
- Perimeter: 83.14ft
- Volume = 12402 US gallons

**Materials:**
- Material: Water

**Notes:**
- 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.

Hydra Pools
Layout, 14' x 28', Rectangle, 6' radius, 6' deep, Wedge bottom, HS110N, Light, 1084, 3-Inlet, 700 series.

Designed by: Bumphrey
Detail by: Lnelson
Last revised by: System
Last revised date: 06/16/18

Title: Hydra Pools

Material: Bumphrey

Dimensions are in inches unless otherwise specified.

Tolerances: X ± 0.5

Third Angle Projection

Non-Diving
Diving equipment prohibited.

Part number: 00018164

Rev. Level: A
Rev. Date: July 29, 2015
Document ID: CF7308, ANSI A-Landscape

Weight:

Volume:

Heat Treat:

Color:

Finish:

Texture:

Engineer drawing number:

Page 1 of 3

Weight: 120/290 lbs

Volume: Inch³

Decimals: X ± .1

X ± .01

X ± .001

X ± .0005

Angular: X ± 0.5

Third angle projection

Made from: Bumphrey

Check in date/time: 07/31/13

Third angle projection

Non-diving
Diving equipment prohibited.

Part number: 00018164

Scale: 1:60

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Hydra Pools
Layout, 14' x 28', rectangle, 6' radius, 6' deep, Wedge bottom, HS110N, light, 1084, 3-Inlet, 700 Series.