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 TAMPER 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.

ITEM FILE NAME DESCRIPTION CUSTOMER VENDOR PART # QTY.
1 BOLT, FLANGE, 3/8-16 X 1" PACK BOLT, FLANGE, 3/8-16 X 1" PACK (50) HPS1916 HPS1916 5
2 BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB HPSFOB HPSFOB 20
3 PANEL, STRAIGHT PANEL, 6' LONG, 700 SERIES HPSE106P 00002731 4
4 PANEL, STRAIGHT PANEL, 8' LONG, 1084, 700 SERIES HPSE10884 00004966 2
5 PANEL, STRAIGHT PANEL, 8' LONG, 700 SERIES HPSE108P 00004961 1
6 PANEL, STRAIGHT PANEL, 8' LONG, 700 SERIES HPSE108P 00004969 3
7 HS110N STEP, 8', TWIN SEAT, 4 TREAD HS110N HS110N 1
8 PANEL, WEDGE WEDGE, 42" X 2 1/2" X 2 1/2" X 45°, 700 SERIES HPSE45 00005119 8
9 PANEL, STRAIGHT PANEL, 8' LONG, LIGHT, 700 SERIES HPSE108L 00004962 1
10 PANEL, WEDGE WEDGE, 42" X 2 1/2" X 2 1/2" X 45°, 700 SERIES HPSE45 00005119 8

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

MATERIAL:
HYDRA POOLS
LAYOUT, 16'6" X 35'6", GRECIAN, CONTOUR BOTTOM, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES

PART NUMBER: 00017014
Area: 549.63ft^2
Perimeter: 94.04ft
Volume = 20326 US gallons

NOTES:
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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.

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HYDRA POOLS

TITLE: LAYOUT, 16'6" X 35'6", GRECIAN, CONTOUR BOTTOM, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES

DESIGNED BY: BUMPHREY
CREATION DATE: 4/25/2013
LAST REVISED BY: BUMPHREY
LAST REVISED DATE: 12/20/2017

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

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

ANGULAR:
X ± 0.5

THIRD ANGLE PROJECTION

WEIGHT
lbs
VOLUME
Inch³

MATERIAL:

REV. LEVEL: A
REV. DATE: JULY 29, 2015
DOCUMENT ID: CF7308
ANSI: LANDSCAPE

LAYOUT, 16'6" X 35'6", GRECIAN, CONTOUR BOTTOM, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES
HYDRA POOLS

LAYOUT, 16'6" X 35'6", GRECIAN, CONTOUR BOTTOM, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 700 SERIES

DESIGNED BY: BUMPHREY
CREATION DATE: 4/25/2013
LAST REVISED BY: BUMPHREY
LAST REVISED DATE: 12/20/2017

WEIGHT: 12/20/2017

dimensions are in inches

tolerances:

DECIMALS:
- X ± 0.5
- XX ± 0.01
- XXX ± 0.005
- XXXX ± 0.0005

ANGULAR:
- X ± 0.5

third angle projection

engineer's drawing number: 00017014

scale: 1:128

part number: 00017014