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 STEPS.

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 HOLES UNDER BASE OF PANELS AND TAMPER WELL.
10. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS.

IMPORTANT NOTES:
1. 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 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 20
3 PANEL, RADIUS PANEL, 2' RADIUS, 3-2" LONG, 700 SERIES HPSE2R 00002541 4
4 PANEL, STRAIGHT PANEL, 4' LONG, 700 SERIES HPSE104P 00002723 8
5 PANEL, STRAIGHT PANEL, 8' LONG, 1084, 700 SERIES HPSE10884 00004966 2
6 PANEL, STRAIGHT PANEL, 8' LONG, 700 SERIES HPSE108P 00004961 1
7 PANEL, STRAIGHT PANEL, 8' LONG, INLET, 700 SERIES HPSE108I 00004969 3
8 PANEL, STRAIGHT PANEL, 8' LONG, LIGHT, 700 SERIES HPSE108L 00004962 1
9 HS110N STEP, 8', TWIN SEAT, 4 TREAD HS110N HS110N 1

HYDRA POOLS
LAYOUT, 20' X 36', RECTANGLE, 2 RADIUS, 8' DEEP, HS110N, LIGHT, 3-INLETS, 2-1084, 700 SERIES

00017287 3/8" 3'2-2" 8'-INLET 39'-4" 3'/4 8'-INLET 2'2R▲3'-2" 37'-8" 3'/4 8'-INLET 2'2R▲3'-2" 8'-INLET 2'2R▲3'-2" 8'-INLET 2'2R▲3'-2" 8'-INLET 2'2R▲3'-2" 8'-INLET 8'-LIGHT TYPE-2 DIVING
Area: 716.57 ft²
Perimeter: 108.57 ft
Volume = 26645 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 TAMM WELL.
10. BACK FILL WITH NON-EXPANSIVE MATERIAL.
11. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS

IMPORTANT NOTES:
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DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

THIRD ANGLE PROJECTION

ENGINEERING DRAWING NUMBER:
00017287

HYDRA POOLS

LAYOUT, 20' X 36', RECTANGLE, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 3-INLETS, 2-1084, 700 SERIES

TITLE:

DESIGNED BY:
BUMPHREY

CREATION DATE:
4/18/2013

LAST REVISED DATE:
1/19/2018

MATERIAL:

FINISH:
NA

TEXTURE:
NA

VOLUME:
Inch³

WEIGHT:
lbs

TOLERANCES:

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

ANGULAR: X ± 0.5

TOLERANCES

X ± 0.5

X ± 0.001

X ± 0.0005

MATERIAL:

REV. LEVEL: A

REV. DATE: JULY 22, 2015

DOCUMENT ID: CF7308

ANSI A LANDSCAPE

PAGE 4 OF 4

PART NUMBER:
00017287