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/ASPS/ICC GUIDELINES FOR RESIDENTIAL POOLS.

IMPORTANT NOTES:
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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 22
3 PANEL, ANGLE PANEL, ANGLE, 5 1/2" X 1'-0 1/2" X 229°, 600 SERIES HPSD18X522 00001277 2
4 PANEL, STRAIGHT PANEL, 1' LONG, 600 SERIES HPSD101P 00000621 2
5 PANEL, RADIUS PANEL, 2' RADIUS, 3-2" LONG, 600 SERIES HPSD2R 00000287 4
6 PANEL, RADIUS PANEL, 2'-8" LONG, 600 SERIES HPSD1084 00000265 2
7 PANEL, STRAIGHT PANEL, 4' LONG, 600 SERIES HPSD104P 00000274 2
8 PANEL, STRAIGHT PANEL, 8' LONG, 1084, 600 SERIES HPSD10884 00000687 3
9 PANEL, STRAIGHT PANEL, 8' LONG, INLET, 600 SERIES HPSD108P 00000699 3
10 PANEL, RADIUS PANEL, 9' RADIUS, 3'-2" LONG, LIGHT, 600 SERIES HPSD9R3L 00000352 1
11 PANEL, RADIUS PANEL, 9' RADIUS, 6' LONG, 600 SERIES HPSD9R6 00000355 2
12 HS110N STEP, 8', TWIN SEAT, 4 TREAD HS110N HS110N 1

REVISION HISTORY
REV. DESCRIPTION DATE ECO BY
A 5/23/2013 BUMPHREY

HYDRA POOLS
LAYOUT, 20' X 40'-4", DEEP, ROMAN END, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

DESIGN: BUMPHREY
DRAFTED BY BUMPHREY
DETAILED DATE: 12/21/2017
LAST REVISED: BUMPHREY
LAST REVISED DATE: 12/21/2017

WEIGHT: lbs
VOLUME: Inch³
TOLERANCES:
DECIMALS: X ± .1
XX ± .01
XXX ± .001
XXXX ± .0005
ANGULAR: X ± 0.5
THIRD ANGLE PROJECTION

ENGINEERING DRAWING NUMBER: 00017036
PART NUMBER: 00017036

MATERIAL:
WEIGHT:
VOLUME:
TOLERANCES:
DECIMALS:
ANGULAR:
THIRD ANGLE PROJECTION

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Area: 768.40ft ^2
Perimeter: 112.56ft
Volume = 27141 US gallons

NOTES:
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HYDRA POOLS

LAYOUT, 20' X 40'-4", DEEP, ROMAN END, 2' RADIUS, 8' DEEP, HS110N, LIGTH, 2-1084, 3-INLET, 600 SERIES

DESIGNED BY: BUMPHREY
CREATION DATE: 5/23/2013
LAST REVISED DATE: 12/21/2017

DETAILED BY: BUMPHREY
DETAILED DATE: 12/21/2017
LAST REVISED DATE: 12/21/2017

TITLE: LAYOUT, 20' X 40'-4", DEEP, ROMAN END, 2' RADIUS, 8' DEEP, HS110N, LIGTH, 2-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017036

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

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

ANGULAR: X ± 0.5
THIRD ANGLE PROJECTION

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LAYOUT, 20' X 40'-4", DEEP, ROMAN END, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

HYDRA POOLS

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

ENGINEERING DRAWING NUMBER: 00017036

WEIGHT: lbs

DIMENSIONS: WEIGHT

VOLUME: Inch³

TOLERANCES:

DECIMALS: X ± .1

ANGULAR: X ± 0.5

THIRD ANGLE PROJECTION

MATERIAL:

DESIGNED BY: BUMPHREY

CREATION DATE: 5/23/2013

LAST REVISED BY: BUMPHREY

LAST REVISED DATE: 12/21/2017

DETAILED BY: BUMPHREY

DETAILED DATE: 12/21/2017

REV. LEVEL: A

REV. DATE: JULY 29, 2015

DOCUMENT ID: CF7308

ANSI A LANDSCAPE

MATERIAL:

MADE FROM

00001244

CHECK IN DATE/TIME:

Thursday, December 21, 2017 1:49:29 PM

PART NUMBER:

00017036