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. BACK FILL WITH NON-EXPANSIVE MATERIAL.
10. FOLLOW ALL CURRENT ANSI / APSP / 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 21
3 PANEL, ANGLE PANEL, ANGLE, 6" X 6" X 155°, 600 SERIES HPSCE2 00009656 1
4 PANEL, ANGLE PANEL, ANGLE, 6" X 6" X 205°, 600 SERIES HPSCE2 00009573 1
5 PANEL, STRAIGHT PANEL, 1' LONG, 600 SERIES HPSD101P 00000621 1
6 PANEL, STRAIGHT PANEL, 2' LONG, 600 SERIES HPSD102P 00000639 4
7 PANEL, RADIUS PANEL, 4' RADIUS, 6'-3 3/8" LONG, 600 SERIES HPSD4R 00000289 4
8 PANEL, STRAIGHT PANEL, 4'-6" LONG, 600 SERIES HPSD42 00000255 1
9 PANEL, STRAIGHT PANEL, 7' LONG, 600 SERIES HPSD107P 00000682 1
10 PANEL, STRAIGHT PANEL, 7'-6" LONG, 600 SERIES HPSD1076P 00000682 1
11 PANEL, STRAIGHT PANEL, 8' LONG, 1084, 600 SERIES HPSD10884 00002006 1
12 PANEL, STRAIGHT PANEL, 8' LONG, 1084, INLET (-17",-15"), 600 SERIES HPSD10884 00001959 1
13 PANEL, STRAIGHT PANEL, 8' LONG, LIGHT, 600 SERIES HPSD108I 00000699 2
14 PANEL, STRAIGHT PANEL, 8' LONG, LIGHT, 2-1084, 3-INLET, 600 SERIES HPSD108I 00000699 2
15 PANEL, STRAIGHT PANEL, 8' LONG, LIGHT, 2-1084, 3-INLET, 600 SERIES HPSD108I 00000699 2
16 HS110N STEP, 8', TWIN SEAT, 4 TREAD HS110N HS110N 1

HYDRA POOLS
LAYOUT, 20' X 39', LAZY L, RIGHT, 4' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

ITEM DESCRIPTION
1 BOLT, PACK BOLT, FLANGE, 3/8-16 X 1", PACK (50) HPS1916
2 SBRACE BRACE, FOLD OVER WITH TURNBUCKLE, STEEL HPSFOB
3 PANEL, ANGLE PANEL, ANGLE, 6" X 6" X 155°, 600 SERIES HPSCE2
4 PANEL, ANGLE PANEL, ANGLE, 6" X 6" X 205°, 600 SERIES HPSCE2
5 PANEL, STRAIGHT PANEL, 1' LONG, 600 SERIES HPSD101P
6 PANEL, STRAIGHT PANEL, 2' LONG, 600 SERIES HPSD102P
7 PANEL, RADIUS PANEL, 4' RADIUS, 6'-3 3/8" LONG, 600 SERIES HPSD4R
8 PANEL, STRAIGHT PANEL, 4'-6" LONG, 600 SERIES HPSD42
9 PANEL, STRAIGHT PANEL, 7' LONG, 600 SERIES HPSD107P
10 PANEL, STRAIGHT PANEL, 7'-6" LONG, 600 SERIES HPSD1076P
11 PANEL, STRAIGHT PANEL, 8' LONG, 1084, 600 SERIES HPSD10884
12 PANEL, STRAIGHT PANEL, 8' LONG, 1084, INLET (-17",-15"), 600 SERIES HPSD10884
13 PANEL, STRAIGHT PANEL, 8' LONG, LIGHT, 600 SERIES HPSD108I
14 PANEL, STRAIGHT PANEL, 8' LONG, LIGHT, 2-1084, 3-INLET, 600 SERIES HPSD108I
15 PANEL, STRAIGHT PANEL, 8' LONG, LIGHT, 2-1084, 3-INLET, 600 SERIES HPSD108I
16 HS110N STEP, 8', TWIN SEAT, 4 TREAD HS110N

TOLERANCES UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES: X ± .1
XX ± .01
XXX ± .005
ANGULAR: X ± 0.5

L:\PDM\Drawing\00017139
Area: 728.78ft^2
Perimeter: 107.38ft
Volume = 26889 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.
11. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS

IMPORTANT NOTES:
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HYDRA POOLS
LAYOUT, 20' X 39', LAZY L, RIGHT, 4' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

WEIGHT: 1lbs
VOLUME: 1597.54ft^3
MATERIAL: NA
COLOR: NA
TEXTURE: NA
HEAT TREAT: NA
TOLERANCES: X ± .001
THIRD ANGLE PROJECTION

DESIGNED BY: BUMPHREY
CREATION DATE: 3/15/2013
DETAILED BY: BUMPHREY
DETAILED DATE: 1/8/2018
LAST REVISED BY: bumphrey
LAST REVISED DATE: 1/8/2018

MATERIAL: NA
PART NUMBER: 00017139