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. 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 PANEL, ANGLE PANEL, ANGLE, 6" X 7 1/2" X 187.6°, 600 SERIES HPSCE2 00015755 2
2 PANEL, RADIUS PANEL, 13' 6" RADIUS, 7' 8 1/2" LONG, 600 SERIES HPSCR8 00006351 4
3 PANEL, RADIUS PANEL, 13' 6" RADIUS, 7' 8 1/2" LONG, 1084, 600 SERIES HPSCR8 00007449 1
4 PANEL, RADIUS PANEL, 13' 6" RADIUS, 7' 8 1/2" LONG, INLET, 600 SERIES HPSCR8 00015759 3
5 PANEL, RADIUS PANEL, 13' 6" RADIUS, 2' 9 1/8" LONG, 600 SERIES HPSCR3 00008261 2
6 PANEL, RADIUS PANEL, 13' 6" RADIUS, 7' 8 1/2" LONG, LIGHT, 600 SERIES HPSCR8 00006353 1
7 HS106N STEP, 8' RADIUS, 3 TREAD HS106N HS106N 1
8 SBRACE BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPS FOB HPSFOB HPSFOB 14
9 BOLT, PACK BOLT, FLANGE, 3/8-16 X 1", PACK (50) HPS1 916 HPS1916 4

REV. LEVEL: A
REV. DATE: JULY 29, 2015
DOCUMENT ID: CF7308, ANSI A
LANDSCAPE
Thursday, April 05, 2018 3:26:14 PM

ENGINEERING DRAWING NUMBER:
MATERIAL:
WEIGHT:
VOLUME:
COLOR:
FINISH:
HEAT TREAT:
TOLERANCES DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005 ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION

M/LAYOUT, 27', ROUND, 5' DEEP, HS106N, LIGHT, 1084, 3-INLET, 600 SERIES

HEIGHT: 63 lbs
Inch³
182553.7 lbs
Inch³

SCALE: 1:84
DATE: 4/5/2014
DESIGNED BY: BUMPHREY
DETAILED BY: Jrittencouse
3D REVISED BY: rhouston
4/5/2014
CUSTOMER DRAWING #:
VENDOR PART #:
QTY:
4
00018214
Area: 575.52 ft^2  
Perimeter: 85.11 ft  
Volume = 19933 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 HOLES UNDER BASE OF PANELS AND TAMPER WELL.
10. BACK FILL WITH NON EXPANSIVE MATERIAL.
11. FOLLOW ALL CURRENT ANSI / ASPS / 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.

HYDRA POOLS
LAYOUT, 27', ROUND, 5' DEEP, HS106N, LIGHT, 1084, 3-INLET, 600 SERIES

DESIGNED BY: BUMPHREY  
CREATION DATE: 5/6/2014

DETAILED BY: RITTENHOUSE  
LAST REVISED DATE: 4/5/2018

MATERIAL:  
Water

ENGINEERING DRAWING NUMBER:  
0018214

WEIGHT: 166109.846 lbs  
VOLUME: 4604576.853 Inch³

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLENCES: DECIMALS: X = ± .1
XX = ± .01
XXX = ± .001
XXXX = ± .0005

ANGULAR: X = ± 0.5
THIRD ANGLE PROJECTION

PART NUMBER: 00018214

SCALE: 1:84
PAGE: 1 OF 2
NON-DIVING
DIVING EQUIPMENT PROHIBITED

HYDRA POOLS
LAYOUT, 27', ROUND, 5' DEEP, HS106N, LIGHT, 1084, 3-INLET, 600 SERIES

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

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

ANGULAR: X ± 0.5

THIRD ANGLE PROJECTION

WEIGHT: 182553.7 lbs

MATERIAL: BUMPHREY

DESIGNED BY: BUMPHREY
CREATION DATE: 5/6/2014

DETAILED BY: JRITTENHOUSE
DETAILED DATE: 4/5/2018

LAST REVISED BY: rhouston
LAST REVISED DATE: 4/5/2018

TITLE:

ENGINEERING DRAWING NUMBER:

TOLERANCES            DECIMALS:    X ±                                 XX ±        XXX ±        XXXX ±
ANGULAR:     X ± 0.5