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 TAMPER WELL.
10. BACK FILL WITH NONEXPANSIVE MATERIAL.

IMPORTANT NOTES:
11. 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 | QTY
--- | --- | --- | --- | --- | ---
1 | PANEL, RADIUS | PANEL, 7' RADIUS, 8' LONG, INLET, 600 SERIES | HPS7R8I | 00000270 | 1
2 | PANEL, RADIUS | PANEL, 7' RADIUS, 8' LONG, LIGHT, 600 SERIES | HPS7R8L | 00001434 | 1
3 | PANEL, RADIUS | PANEL, 8' RADIUS, 6' LONG, 600 SERIES | HPS8R6 | 00000242 | 1
4 | PANEL, RADIUS | PANEL, 8' RADIUS, 5' LONG, 600 SERIES | HPS8R5 | 00001411 | 1
5 | PANEL, RADIUS | PANEL, 23' RADIUS, 8' LONG, 600 SERIES | HPS23R8 | 00001325 | 1
6 | PANEL, RADIUS | PANEL, 23' RADIUS, 6' LONG, 600 SERIES | HPS23R6 | 00001322 | 1
7 | PANEL, RADIUS | PANEL, 23' RADIUS, INLET, 600 SERIES | HPSCR8 | 00006872 | 1
8 | PANEL, ANGLE | PANEL, ANGLE, 6" X 6" X 160°, 600 SERIES | HPSCW2 | 00006098 | 2
9 | PANEL, ANGLE | PANEL, ANGLE, 6" X 6" X 160°, 600 SERIES | HPSCW2 | 00006098 | 2
10 | HS103N | STEP, 6' RADIUS, 3 TREAD | HS103N | HS103N | 1
11 | PANEL, RR | PANEL, 6' REVERSE RADIUS, 8' LONG, 600 SERIES | HPSD6RR8 | 00000327 | 1
12 | SBRACE | BRACE, FOLD OVER WITH TURNBUCKLE, STEEL | HPSFOB | HPSFOB | 12
13 | BOLT, PACK | BOLT, FLANGE, 3/8" X 1", PACK (50) | HPS1916 | HPS1916 | 3

REVISION HISTORY
REV. | DESCRIPTION | DATE | ECO | BY
--- | --- | --- | --- | ---
0.1 | | 8/8/2013 | | BUMPHREY
0.01 | | 4/5/2018 | | JRITTENHOUSE
0.005 | | 4/5/2018 | | JRITTENHOUSE
0.0 | | 7/22/2015 | | JRITTENHOUSE

HYDRA POOLS
LAYOUT: 14' X 27'-10", KIDNEY, RIGHT, 6' DEEP, HS103N, LIGHT, 1084, 3-INLET, 600 SERIES

PART NUMBER: 00018199
LAYOUT, 14' X 27'-10", KIDNEY, RIGHT, 6' DEEP, HST03N, LIGHT, 1084, 3-INLET, 600 SERIES

Area: 334.51ft ^2  
Perimeter: 72.99ft  
Volume = 11840 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/ASHRAE 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 VODS 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:
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.
NON-DIVING
DIVING EQUIPMENT PROHIBITED

LAYOUT, 14' X 27'-10", KIDNEY, RIGHT, 6' DEEP, HS103N, LIGHT, 1084, 3-INLET, 600 SERIES

HYDRA POOLS

DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED

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

ANGULAR: X ± 0.5

THIRD ANGLE PROJECTION
NON-DIVING
DIVING EQUIPMENT PROHIBITED

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

ENGINEERING DRAWING NUMBER:
REVISED DATE:
TITLE:
PART NUMBER:
WEIGHT:
VOLUME:
COLOR:
FINISH:
TEXTURE:
LAYOUT, 14' X 27'-10", KIDNEY, RIGHT, 6' DEEP, HS103N,
LIGHT, 1084, 3-INLET, 600 SERIES

HYDRA POOLS