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 | BOLT, PACK | BOLT, FLANGE, 3/8-16 X 1" (50) | HPS1916 | HPS1916 | 5
2 | SPACER | SPACER, TYPE 2 DIVING, 10' X 8' X 8', STEEL, HPSFBT | HPS810841 | HPS810841 | 1
3 | PANEL, RADIUS | PANEL, 10' RADIUS, 1'-9 5/8" LONG, 600 SERIES | HPS810841 | HPS810841 | 1
4 | PANEL, RADIUS | PANEL, 10' RADIUS, 3'-2" LONG, 600 SERIES | HPS810841 | HPS810841 | 1
5 | PANEL, RADIUS | PANEL, 10' RADIUS, 7'-5" LONG, 600 SERIES | HPS810841 | HPS810841 | 1
6 | PANEL, RADIUS | PANEL, 10' RADIUS, 8' LONG, 1084, INLET, 600 SERIES | HPS810841 | HPS810841 | 1
7 | PANEL, RADIUS | PANEL, 10' RADIUS, IF LONG, 600 SERIES | HPS810841 | HPS810841 | 1
8 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 3'-6" LONG, 600 SERIES | HPS810841 | HPS810841 | 1
9 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 4' LONG, 600 SERIES | HPS810841 | HPS810841 | 1
10 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 5'-1" LONG, 600 SERIES | HPS810841 | HPS810841 | 1
11 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 6' LONG, 600 SERIES | HPS810841 | HPS810841 | 1
12 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 6' LONG, 600 SERIES | HPS810841 | HPS810841 | 1
13 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 7'-5" LONG, 600 SERIES | HPS810841 | HPS810841 | 1
14 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 8' LONG, 600 SERIES | HPS810841 | HPS810841 | 1
15 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 8' LONG, 600 SERIES | HPS810841 | HPS810841 | 1
16 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 8' LONG, 600 SERIES | HPS810841 | HPS810841 | 1
17 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 8' LONG, 600 SERIES | HPS810841 | HPS810841 | 1
18 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 9' LONG, 600 SERIES | HPS810841 | HPS810841 | 1
19 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 9' LONG, 600 SERIES | HPS810841 | HPS810841 | 1
20 | PANEL, RR | PANEL, 10' REVERSE RADIUS, 9' LONG, 600 SERIES | HPS810841 | HPS810841 | 1
21 | HS303N | STEP, 9' RADIUS, 3 TREAD, CANTILEVER | HS303N | HS303N | 1

DESIGN: BUMPHREY

DATE: 7/10/2013

REVISION HISTORY

REV. | DESCRIPTION | DATE | ECO | BY
--- | --- | --- | --- | ---

HYDRA POOLS

TITLE: LAYOUT, 18' X 40' X 34', AMEBA, RIGHT, 8' DEEP, HS303N, LIGHT, 3-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017257

HYDRA POOLS

LAYOUT, 18' X 40' X 34', AMEBA, RIGHT, 8' DEEP, HS303N, LIGHT, 3-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017257

HYDRA POOLS

LAYOUT, 18' X 40' X 34', AMEBA, RIGHT, 8' DEEP, HS303N, LIGHT, 3-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017257
**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.
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.

**EXCAVATION NOTES:**

**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.

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**Area:** 901.23 ft²

**Perimeter:** 124.66 ft

**Volume = 29490 US gallons**
HYDRA POOLS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS: X ± .1
XX ± .01
XXX ± .001
XXXX ± .0005
ANGULAR: X ± 0.5
THIRD ANGLE PROJECTION

DESIGNED BY
BUMPHREY
CREATION DATE: 7/10/2013
LAST REVISION BY: bumphrey
LAST REVISION DATE: 1/18/2018

MATERIAL:
TITLE: LAYOUT, 18' X 40' X 34', AMEBA, RIGHT, 8' DEEP, HS303N, LIGHT, 3-1084, 3-INLET, 600 SERIES

VOLUME:

WEIGHT:

361774.7 lbs

INCH³

CHECK IN DATE/TIME:
Thursday, January 18, 2018 8:57:30 AM

