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 TAMPER 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.

ITEM | FILE NAME | DESCRIPTION | CUSTOMER DRAWING # | VENDOR PART # | QTY
--- | --- | --- | --- | --- | ---
1 | BOLT, PACK | BOLT, PLANE, 3/8-16 X 1", PACK (50) | HPS1916 | HPS1916 | 5
2 | SBRACE | BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB | HPSFOB | HPSFOB | 20
3 | PANEL RADIUS | PANEL, 2 RADIUS, 3-2 LONG, 700 SERIES | HPSER | 0000251 | 4
4 | PANEL STRAIGHT | PANEL, 4 LONG, 700 SERIES | HPSST4LR | 00002731 | 4
5 | PANEL STRAIGHT | PANEL, 6 LONG, 700 SERIES | HPSST6LR | 0000322 | 2
6 | PANEL STRAIGHT | PANEL, 8 LONG, 1084 SERIES | HPSST81084 | 00004966 | 2
7 | PANEL STRAIGHT | PANEL, 8 LONG, 700 SERIES | HPSST8LR | 00004965 | 4
8 | PANEL STRAIGHT | PANEL, 8 LONG, INLET, 700 SERIES | HPSST8IN | 00004966 | 1
9 | PANEL STRAIGHT | PANEL, 8 LONG, LIGHT, 700 SERIES | HPSST8SL | 00004965 | 1
10 | PANEL STRAIGHT | PANEL, 8 LONG, LIGHT, 700 SERIES | HPSST8SL | 00004965 | 1
11 | HS110N STEP | STEP, TWIN SEAT, 4 TREAD | HS110N | HS110N | 1

REVISION HISTORY
REV. | DESCRIPTION | DATE | ECO | BY
--- | --- | --- | --- | ---
A | | 2/8/2018 | | hyeng
1 | | 4/18/2013 | | BUMPHREY
2 | | 2/8/2018 | | RSANVICENTE
3 | | 2/8/2018 | | hyeng
4 | | 2/8/2018 | | hyeng
5 | | 4/18/2013 | | BUMPHREY
6 | | 2/8/2018 | | RSANVICENTE
7 | | 2/8/2018 | | hyeng
8 | | 2/8/2018 | | hyeng
9 | | 2/8/2018 | | hyeng
10 | | 2/8/2018 | | hyeng
11 | | 2/8/2018 | | hyeng

MATERIAL:
- BUMPHREY
- HSANVICENTE
- hyeng

ENGINEERING DRAWING NUMBER: 00017556

CREATED BY: BUMPHREY
LAST REVISED BY: hyeng
LAST REVISED DATE: 2/8/2018

HYDRA POOLS
LAYOUT, 24' X 40', RECTANGLE, 2' RADIUS, SPORT BOTTOM, HS110N, LIGHT, 3- INLET, 2- 1084, 700 SERIES
00017556
Area: 956.57ft ^2
Perimeter: 124.57ft
Volume = 28201 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:
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.
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

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

ANGULAR:
X ± 0.5

THIRD ANGLE PROJECTION

LABORATORY OF ENGINEERING DRAWINGS

HYDRA POOLS

LAYOUT, 24' X 40', RECTANGLE, 2' RADIUS, SPORT BOTTOM, HS110N, LIGHT, 3- INLET, 2- 1084, 700 SERIES

DESIGNED BY
BUMPHREY

CREATION DATE
4/18/2013

DETAILS DATE
2/8/2018

LAST REVISION DATE
2/8/2018

PART NUMBER
00017556

SCALE
1:60

SHEET
PAGE 3 OF 3