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.
11. IMPORTANT NOTES:

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**DESIGNED BY:** J. BUMPHREY  
**REVISED BY:** J. BYNG  
**CREATED ON:** 4/18/2013  
**LAST REVISED:** 2/8/2018  
**TITLE:** LAYOUT, 24' X 40', RECTANGLE, 4' RADIUS, SPORT BOTTOM, HS110N, LIGHT, 3- INLET, 2-1084, 700 SERIES

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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) | HPSE1916 | HPSE1916 | 5
2 | BRACE | BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSEFOB | HPSEFOB | HPSEFOB | 19
3 | PANEL, STRAIGHT | PANEL, 4' LONG, 700 SERIES | HPSE104P | HPSE104P | 4
4 | PANEL, STRAIGHT | PANEL, 4' LONG, 6'-3 3/8" LONG, 700 SERIES | HPSE105P | HPSE105P | 2
5 | PANEL, STRAIGHT | PANEL, 6' LONG, INLET, 700 SERIES | HPSE106I | HPSE106I | 1
6 | PANEL, STRAIGHT | PANEL, 8' LONG, INLET, 700 SERIES | HPSE1084 | HPSE1084 | 1
7 | PANEL, STRAIGHT | PANEL, 8' LONG, 1084, 700 SERIES | HPSE108I | HPSE108I | 4
8 | PANEL, STRAIGHT | PANEL, 8' LONG, LIGHT, 700 SERIES | HPSE108L | HPSE108L | 2
9 | PANEL, STRAIGHT | PANEL, 8' LONG, LIGHT, 700 SERIES | HPSE108L | HPSE108L | 2
10 | STEP, TWIN SEAT | STEP, TWIN SEAT, 4 TREAD | HS110N | HS110N | 1

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**WEIGHT:**
- **lbs:**
- **Inch³:**

**DIMENSIONS:**
- **TOLERANCES:**
  - X ± .001
  - XX ± .005
  - XXX ± .005
  - XXXX ± .005
- **ANGULAR:** X ± 0.5
- **THIRD ANGLE PROJECTION**

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**HYDRA POOLS**

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**ENGINEERING DRAWING NUMBER:** 00017559

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**MULTIPLYER:**
- **1/128:**
- **1 OF 3:**
Area: 946.27ft^2
Perimeter: 121.13ft
Volume = 27944 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.
LAYOUT, 24' X 40', RECTANGLE, 4' RADIUS, SPORT BOTTOM, HS110N, LIGHT, 3- INLET, 2- 1084, 700 SERIES

HYDRA POOLS

DESIGNED BY: BUMPHREY
CREATION DATE: 4/18/2013

DETAILED BY: RODANVINCENTE
LAST REVISED DATE: 2/8/2018

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

ANGULAR: X ± 0.5

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
MATERIAL:

VOLUME: Inch³

WEIGHT: lbs

COLOR: NA

HEAT TREAT: NA

FINISH: NA

TEXTURE: NA

ENGINEERING DRAWING NUMBER: 00017559

PART NUMBER: 00017559

SCALE: 1:60
SHEET: 3 OF 3

CHECK IN DATE/TIME: Thursday, February 08, 2018 8:49:59 AM