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/APSP/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. BACK FILL WITH NON-EXPANSIVE MATERIAL.
10. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS.

IMPORTANCE NOTES:
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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) | HPSF1916 | HPSF1916 | 5
2 | SB RACE | BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB | HPSF1808 | HPSF1808 | 20
3 | PANEL, STRAIGHT PANEL, 8' LONG, 1084, 700 SERIES | HPSPE1084 | HPSPE1084 | 2
4 | PANEL, STRAIGHT PANEL, 8' LONG, 700 SERIES | HPSPE108P | HPSPE108P | 8
5 | PANEL, STRAIGHT PANEL, 8' LONG, INLET, 700 SERIES | HPSPE108I | HPSPE108I | 4
6 | PANEL, STRAIGHT PANEL, 8' LONG, LIGHT, 700 SERIES | HPSPE108L | HPSPE108L | 1
7 | HS110N | STEP, 8', TWIN SEAT, 4 TREAD | HS110N | HS110N | 1
8 | PANEL, WEDGE | WEDGE, 2 1/2" X 2 1/2" X 90° | HPSD6CA | HPSD6CA | 4

WEIGHT:
lbs

VOLUME:
Inch³

TOLERANCES:
DECIMALS:
X ± 0.5
XX ± 0.01
XXX ± 0.005

ANGULAR:
X ± 0.5°

HYDRA POOLS
LAYOUT, 24' X 40', 6' RADIUS, RECTANGLE, 8' DEEP, HS110N, LIGHT, 2-1084, 4-INLET, 700 SERIES

REVISION HISTORY

DESIGN BY:
BUMPHEY
4/18/2013

DETAILS BY:
BUMPHEY
1/23/2018

LAST REVISED BY:
bumphey
1/23/2018

MATERIAL:

3." THIRD ANGLE PROJECTION

ENGINEERING DRAWING NUMBER:
00017341

THIRD ANGLE PROJECTION

ENGINEERING DRAWING NUMBER:
00017341

MATERIAL:

3." THIRD ANGLE PROJECTION

ENGINEERING DRAWING NUMBER:
00017341
**Area: 959.79 ft²**
**Perimeter: 127.14 ft**
**Volume = 34823 US gallons**

**NOTES:**
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2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
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4. HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.
5. EXCAVATION NOTES:
   - ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
   - SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
   - LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
   - SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
   - BACK FILL WITH NON-EXPANSIVE MATERIAL.
6. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS.

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Dimensions are in inches unless otherwise specified.

Material: BUMPHREY

HYDRA POOLS

ENGINEERING DRAWING NUMBER: 00017341

DIMENSIONS:
- TITLE: THIRD ANGLE PROJECTION
- PART NUMBER: 00017341
- SCALE: 1:128

TOLERANCES:
- DECIMALS: X ± 0.5
- ANGULAR: X ± 0.5

UNLESS OTHERWISE SPECIFIED:
- WEIGHT: lbs
- VOLUME: Inch³
- COLOR: NA
- TREATMENT: NA
- FINISH: NA
- TEXTURE: NA

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

DETAILED BY: BUMPHREY
DETAILED DATE: 1/23/2018
LAST REVISED BY: bumphrey
LAST REVISED DATE: 1/23/2018

TITLE: LAYOUT, 24" X 40", 6" RADIUS, RECTANGLE, 8' DEEP,
HS110N, LIGHT, 2-1084, 4-INLET, 700 SERIES

VOLUME:

HEAT TREAT:
- NA

MATERIAL:

LAYOUT, 24" X 40", 6" RADIUS, RECTANGLE, 8' DEEP,
HS110N, LIGHT, 2-1084, 4-INLET, 700 SERIES

VOLUME:

HEAT TREAT:
- NA

MATERIAL: