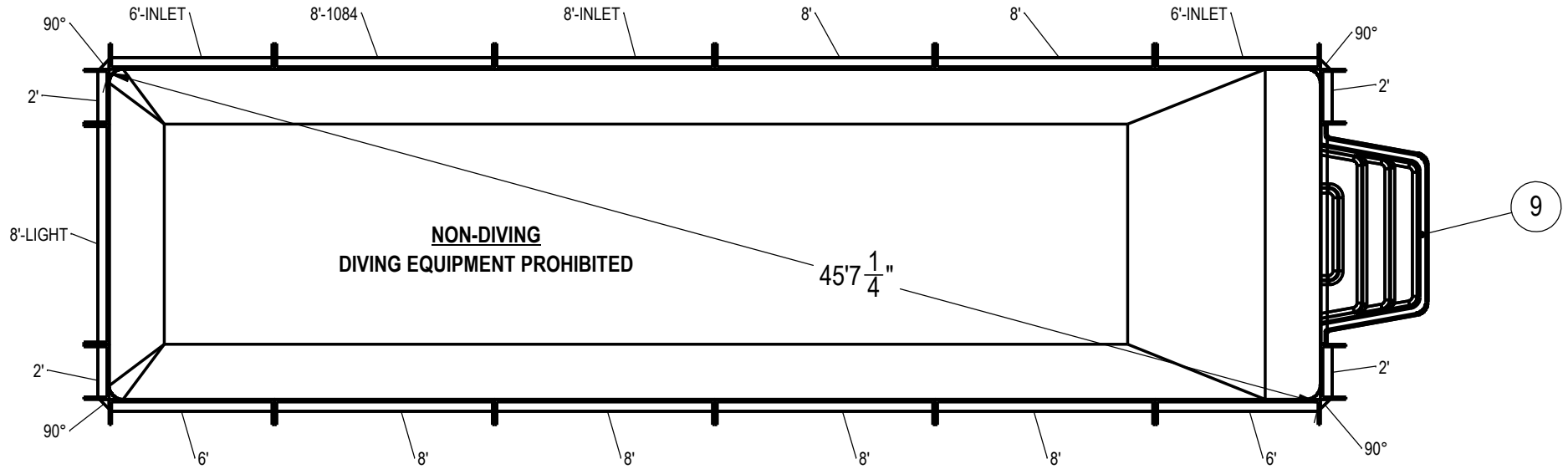


| REVISION HISTORY |             |      |     |    |
|------------------|-------------|------|-----|----|
| REV.             | DESCRIPTION | DATE | ECO | BY |
|                  |             |      |     |    |

MIRROR NUMBER: 00017294  
CHECK IN DATE/TIME: Thursday, April 05, 2018 9:38:05 AM



**NOTES:**

- THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
- DIMENSIONS ARE FROM INSIDE POOL PANELS.
- ROPE AND FLOAT ASSEMBLY SHOULD BE INSTALLED IN ACCORDANCE WITH CURRENT ANSI/ASPS/ICC REGULATIONS
- HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.

**EXCAVATION NOTES:**

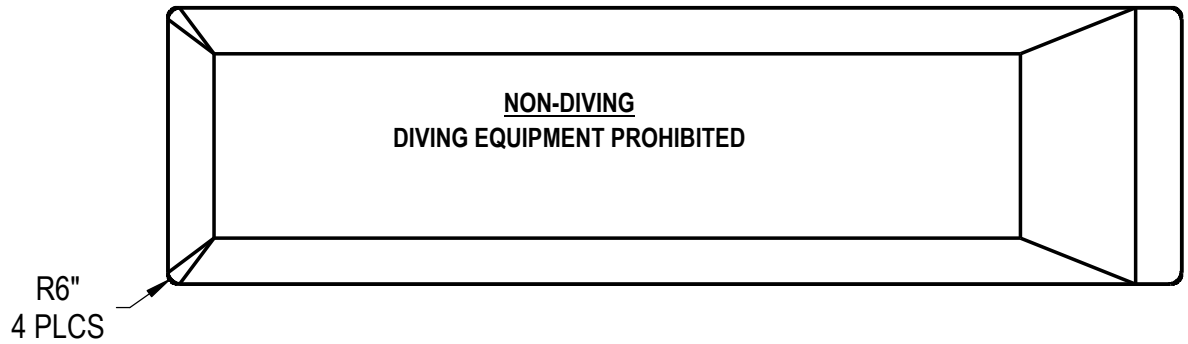
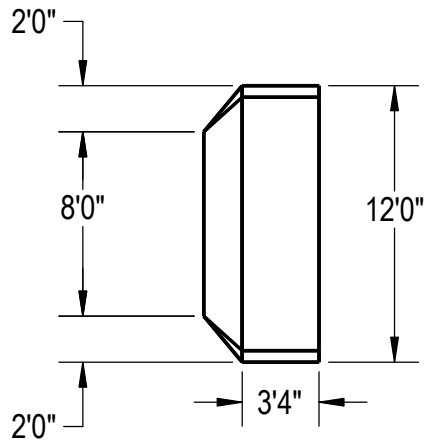
- ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
- SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
- LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
- SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
- FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
- BACK FILL WITH NON-EXPANSIVE MATERIAL.
- FOLLOW ALL CURRENT ANSI / AСП / ICC GUIDELINES FOR RESIDENTIAL POOLS

**IMPORTANT NOTES:**

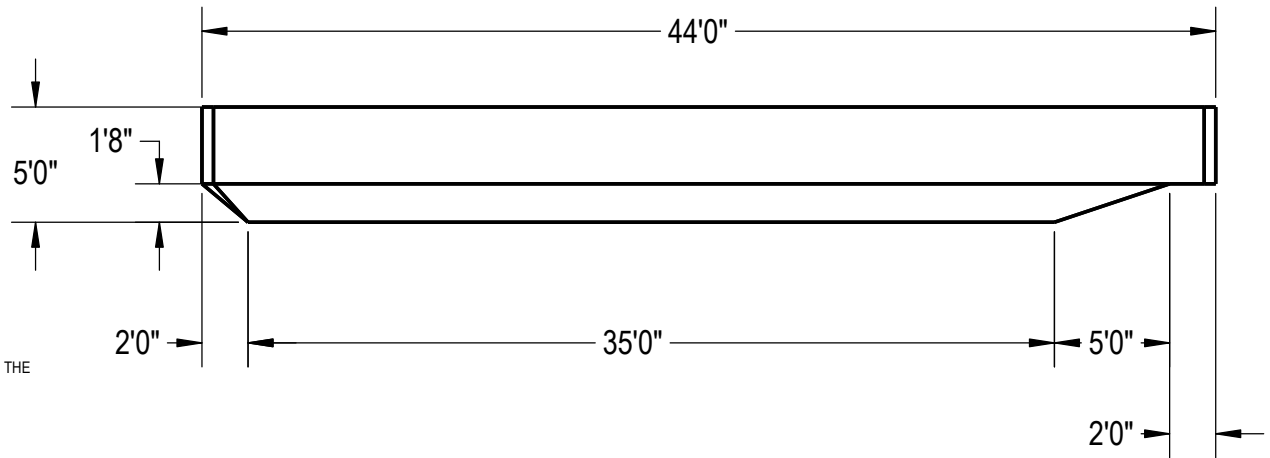
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| ITEM | FILE NAME       | DESCRIPTION                                     | CUSTOMER DRAWING # | VENDOR PART # | QTY. |
|------|-----------------|---|--------------------|---------------|------|
| 1    | PANEL, STRAIGHT | PANEL, 8' LONG, INLET, 700 SERIES               | HPSE108I           | 00004969      | 1    |
| 2    | PANEL, STRAIGHT | PANEL, 8' LONG, 700 SERIES                      | HPSE108P           | 00004961      | 6    |
| 3    | PANEL, STRAIGHT | PANEL, 6' LONG, INLET, 700 SERIES               | HPSE106I           | 00006322      | 2    |
| 4    | PANEL, STRAIGHT | PANEL, 8' LONG, 1084, 700 SERIES                | HPSE10884          | 00004966      | 1    |
| 5    | PANEL, STRAIGHT | PANEL, 6' LONG, 700 SERIES                      | HPSE106P           | 00002731      | 2    |
| 6    | PANEL, STRAIGHT | PANEL, 2' LONG, 700 SERIES                      | HPSE102P           | 00005483      | 4    |
| 7    | PANEL, STRAIGHT | PANEL, 8' LONG, LIGHT, 700 SERIES               | HPSE108L           | 00004962      | 1    |
| 8    | PANEL, WEDGE    | WEDGE, 2 1/2" X 2 1/2" X 90°                    | HPSD6CA            | 00003541      | 4    |
| 9    | HS110N          | STEP, 8', TWIN SEAT, 4 TREAD                    | HS110N             | HS110N        | 1    |
| 10   | SBRACE          | BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB | HPSFOB             | HPSFOB        | 22   |
| 11   | BOLT, PACK      | BOLT, FLANGE, 3/8-16 X 1", PACK (50)            | HPS1916            | HPS1916       | 5    |

|  |                              |  |                                     |   |                    |
|--|------------------------------|--|-------------------------------------|---|--------------------|
| ENGINEERING DRAWING NUMBER:<br><b>00018190</b> | WEIGHT:                      | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES<br>DECIMALS: X ± .1<br>XX ± .01<br>XXX ± .001<br>XXXX ± .0005<br><br>ANGULAR: X ± 0.5<br>THIRD ANGLE PROJECTION | DESIGNED BY:<br><b>BUMPHREY</b>     | CREATION DATE:<br><b>3/8/2017</b>   | <b>HYDRA POOLS</b> |
|  | lbs                          |  | DESIGNED BY:<br><b>JRITTENHOUSE</b> | DETAILED DATE:<br><b>4/5/2018</b>   |                    |
|  | VOLUME:<br>Inch <sup>3</sup> |  | LAST REVISED BY:<br><b>rhouston</b> | LAST REVISED DATE:<br><b>4/5/2018</b>   |                    |
|  | COLOR:                       |  | MATERIAL:                           | TITLE: <b>LAYOUT, 12' X 44', LAP, 5' DEEP, FLAT BOTTOM, 6" RADIUS, LIGHT, 1084, 3-INLET, 700 SERIES</b> |                    |
|  | HEAT TREAT:                  |  |                                     | PART NUMBER:<br><b>00018190</b>   |                    |
| FINISH:  |                              | SCALE:<br><b>1:192</b>   | SIZE:<br><b>A</b>                   |   |                    |
| TEXTURE:                                       |                              | SHEET:<br><b>1 OF 3</b>  |                                     |   |                    |



**Area: 527.79ft ^2**  
**Perimeter: 111.14ft**  
**Volume = 17989 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.

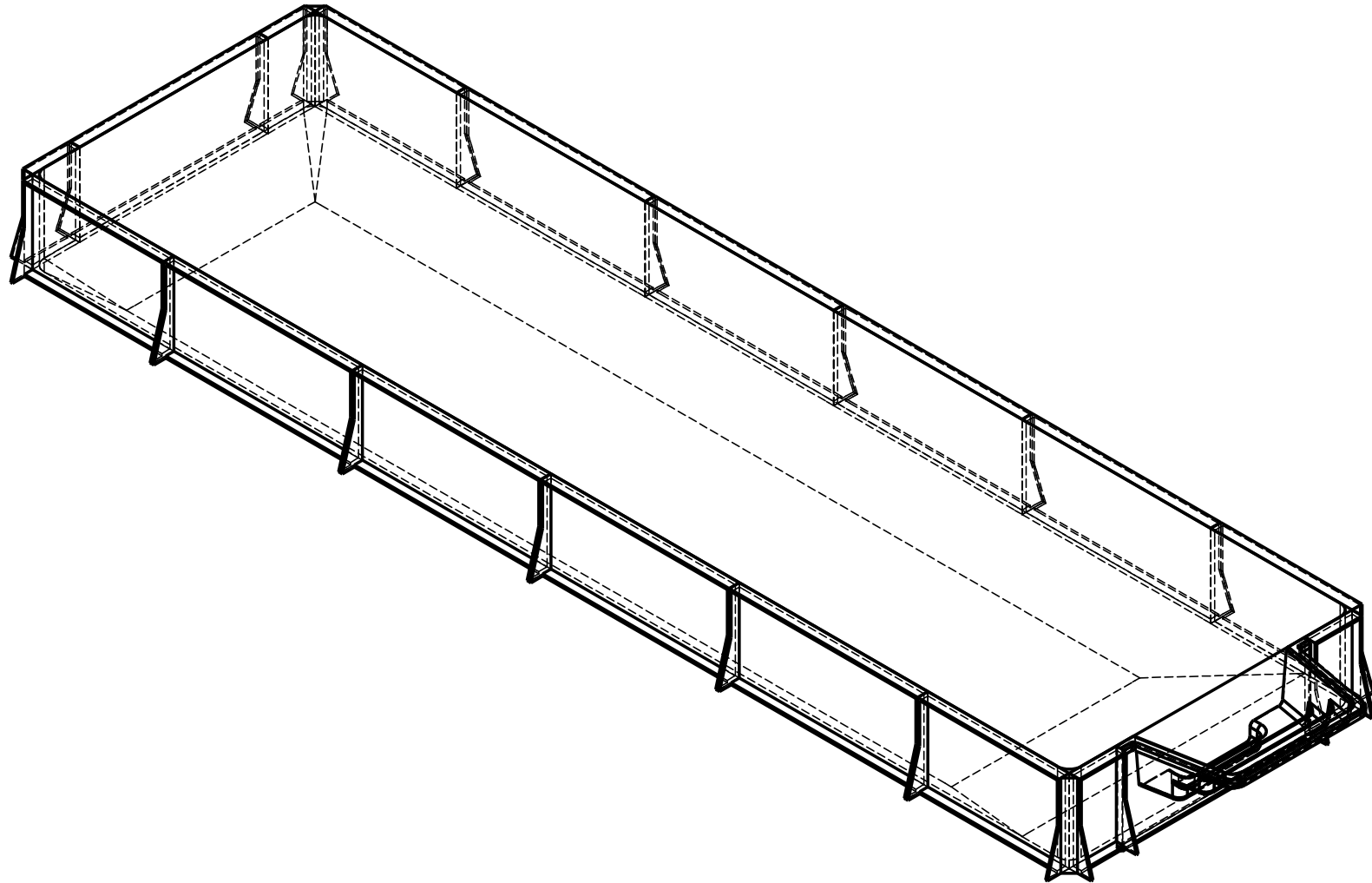
**EXCAVATION NOTES:**

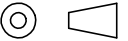
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
9. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
10. BACK FILL WITH NON-EXPANSIVE MATERIAL.
11. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS

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|  |                   |   |                  |                    |  |
|--|-------------------|---|------------------|--------------------|--|
| ENGINEERING DRAWING NUMBER:<br><b>00018190</b> | WEIGHT:           | <b>UNLESS OTHERWISE SPECIFIED</b><br>DIMENSIONS ARE IN INCHES<br>TOLERANCES<br>DECIMALS: X ± .1<br>XX ± .01<br>XXX ± .001<br>XXXX ± .0005<br><br>ANGULAR: X ± 0.5<br>THIRD ANGLE PROJECTION<br> | DESIGNED BY:     | CREATION DATE:     | <b>HYDRA POOLS</b><br><br>TITLE: LAYOUT, 12' X 44', LAP, 5' DEEP, FLAT BOTTOM, 6" RADIUS,<br>LIGHT, 1084, 3-INLET, 700 SERIES<br><br>PART NUMBER:<br><b>00018190</b> |
|  | VOLUME:           |   | DESIGNED BY:     | DETAILED DATE:     |  |
|  | Inch <sup>3</sup> |   | JRITTENHOUSE     | 4/5/2018           |  |
|  | COLOR:            |   | LAST REVISED BY: | LAST REVISED DATE: |  |
| NA   | rhouston          | 4/5/2018  | MATERIAL:        | SCALE:             | SIZE:  |
| HEAT TREAT:                                    |                   |   |                  | 1:192              | A  |
| NA   |                   |   |                  | SHEET:             |  |
| FINISH:  |                   |   |                  | 2 OF 3             |  |
| NA   |                   |   |                  |                    |  |
| TEXTURE:                                       |                   |   |                  |                    |  |
| NA   |                   |   |                  |                    |  |



|  |                   |   |                  |                |  |        |          |
|--|-------------------|---|------------------|----------------|--|--------|----------|
| ENGINEERING DRAWING NUMBER:<br><b>00018190</b> | WEIGHT:           | <b>UNLESS OTHERWISE SPECIFIED</b><br>DIMENSIONS ARE IN INCHES<br>TOLERANCES<br>DECIMALS: X ± .1<br>XX ± .01<br>XXX ± .001<br>XXXX ± .0005<br><br>ANGULAR: X ± 0.5<br>THIRD ANGLE PROJECTION<br> | DESIGNED BY:     | CREATION DATE: | <b>HYDRA POOLS</b><br><br>TITLE: LAYOUT, 12' X 44', LAP, 5' DEEP, FLAT BOTTOM, 6" RADIUS,<br>LIGHT, 1084, 3-INLET, 700 SERIES<br><br>PART NUMBER:<br><b>00018190</b> | SCALE: | SIZE:    |
|  | lbs               |   | DESIGNED BY:     | 3/8/2017       |  | 1:192  | <b>A</b> |
|  | VOLUME:           |   | DETAILED BY:     | 4/5/2018       |  | SHEET: |          |
|  | Inch <sup>3</sup> |   | JRITTENHOUSE     | 4/5/2018       |  | 3 OF 3 |          |
|  | COLOR:            |   | LAST REVISED BY: | rhouston       |  |        |          |
|  | HEAT TREAT:       |   | MATERIAL:        |                |  |        |          |
| FINISH:  |                   |   |                  |                |  |        |          |
| TEXTURE:                                       |                   |   |                  |                |  |        |          |