MIRROR NUMBER:

MADE FROM: 00001045

CHECK IN DATE/TIME: Friday, January 05, 2018 11:48:00 AM

2'R▲ 3'-2"

211°▲ 6"X6"   4'-6"

2'R▲ 3'-2"

2'R▲ 3'-2"   8'-INLET   8'   6'   4'

$30'1\frac{1}{4}$"

8'-LIGHT

4'

TYPE-2 DIVING

$34'11\frac{7}{8}$"

4'

15

$19'3\frac{1}{4}$"

$22'7\frac{1}{2}$"

$20'8\frac{7}{8}$"

4'

2'R▲ 3'-2"

2'-INLET

8'-1084

2'R▲ 3'-2"   8'-1084   8'   8'-INLET   3'-6"   149°▲ 6"X6"

ITEM	FILE NAME	DESCRIPTION	CUSTOMER DRAWING #	VENDOR PART #	QTY.
1	BOLT, PACK	BOLT, FLANGE, 3/8-16 X 1", PACK (50)	HPS1916	HPS1916	5
2	SBRACE	BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB	HPSFOB	HPSFOB	22
3	PANEL, ANGLE	PANEL, ANGLE, 6" X 6" X 149°, 600 SERIES	HPSD6X6149	00001388	1
4	PANEL, ANGLE	PANEL, ANGLE, 6" X 6" X 211°, 600 SERIES	HPSD6X6211	00001396	1
5	PANEL, STRAIGHT	PANEL, 2' LONG, INLET, 600 SERIES	HPSCS3P	00007462	1
6	PANEL, RADIUS	PANEL, 2' RADIUS, 3-2" LONG, 600 SERIES	HPSD2R	00000287	4
7	PANEL, STRAIGHT	PANEL, 3'-6" LONG, 600 SERIES	HPSD1036P	00002022	1
8	PANEL, STRAIGHT	PANEL, 4' LONG, 600 SERIES	HPSD104P	00000274	4
9	PANEL, STRAIGHT	PANEL, 4'-6" LONG, 600 SERIES	HPSD1046P	00000644	1
10	PANEL, STRAIGHT	PANEL, 6' LONG, 600 SERIES	HPSD106P	00000676	1
11	PANEL, STRAIGHT	PANEL, 8' LONG, 1084, 600 SERIES	HPSD10884	00002006	2
12	PANEL, STRAIGHT	PANEL, 8' LONG, 600 SERIES	HPSD108P	00000687	2
13	PANEL, STRAIGHT	PANEL, 8' LONG, INLET, 600 SERIES	HPSD108I	00000699	2
14	PANEL, STRAIGHT	PANEL, 8' LONG, LIGHT, 600 SERIES	HPSD108L	00000701	1
15	HS110N	STEP, 8', TWIN SEAT, 4 TREAD	HS110N	HS110N	1

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.

ENGINEERING DRAWING NUMBER: 00017112

C:\PDMworking\00017112

WEIGHT: 339820.6 lbs
VOLUME: Inch³
COLOR:
HEAT TREAT:
FINISH:
TEXTURE:

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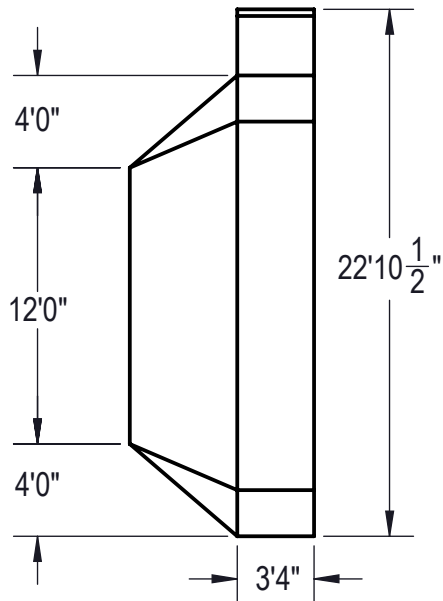XXXX ± .0005
ANGULAR: X ± 0.5
THIRD ANGLE PROJECTION

DESIGNED BY: BUMPHREY
DETAILED BY: BUMPHREY
LAST REVISED BY: bumphrey

CREATION DATE: 3/15/2013
DETAILED DATE: 1/5/2018
LAST REVISED DATE: 1/5/2018

MATERIAL:

HYDRA POOLS

TITLE: LAYOUT, 20' X 40', LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017112

SCALE: 1:192
SIZE: A
SHEET: 1 OF 4

4'0"

12'0"

4'0"

22'10 1/2"

3'4"

24'6"

7'0"

211.3°

20'0"

20'0"

TYPE-2 DIVING

149.0°

12'6"

R2'0"
4 PLCS.

30'0"

39'11 3/4"

8'0"

4'8"

4'0"

6'0"

14'0"

15'11 3/4"

Area: 736.44ft ^2
Perimeter: 110.57ft
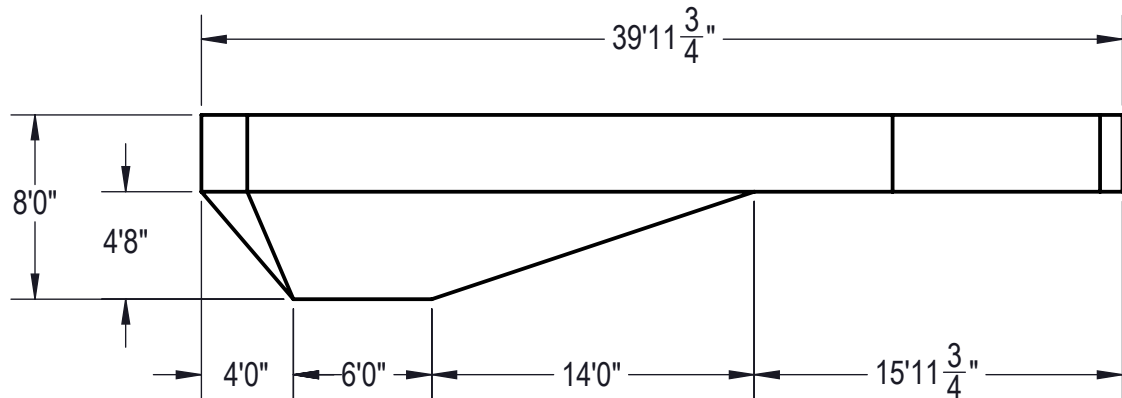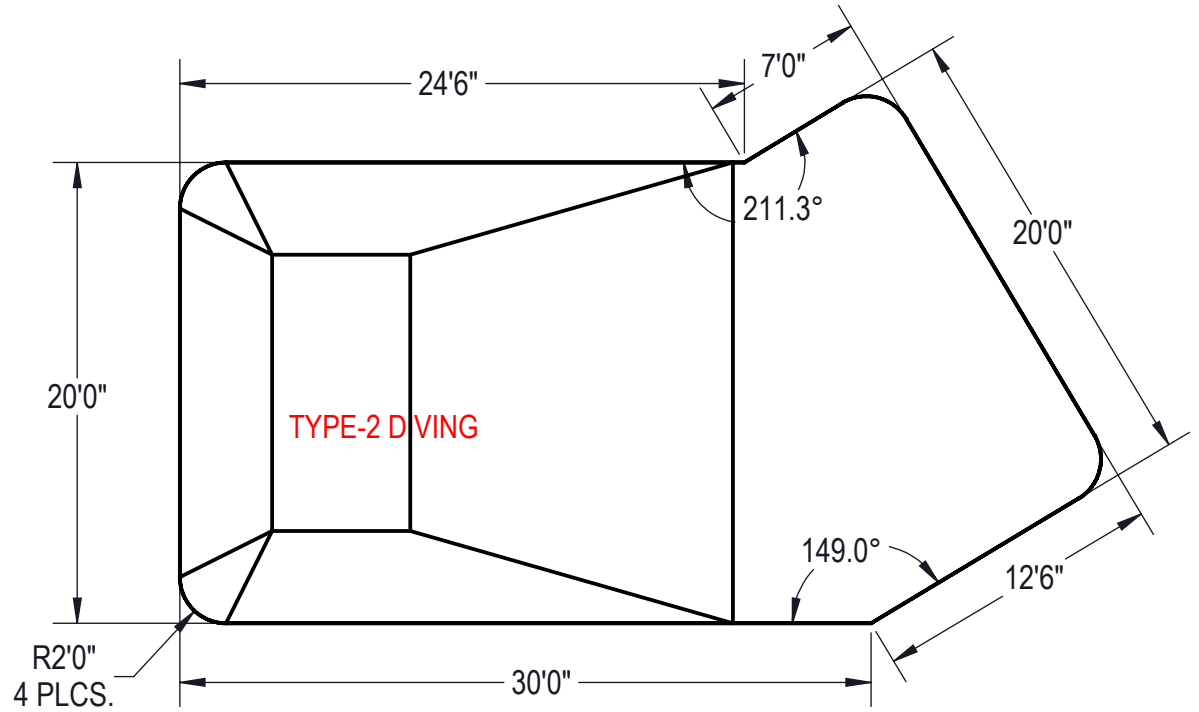**Volume = 27140 US gallons**

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
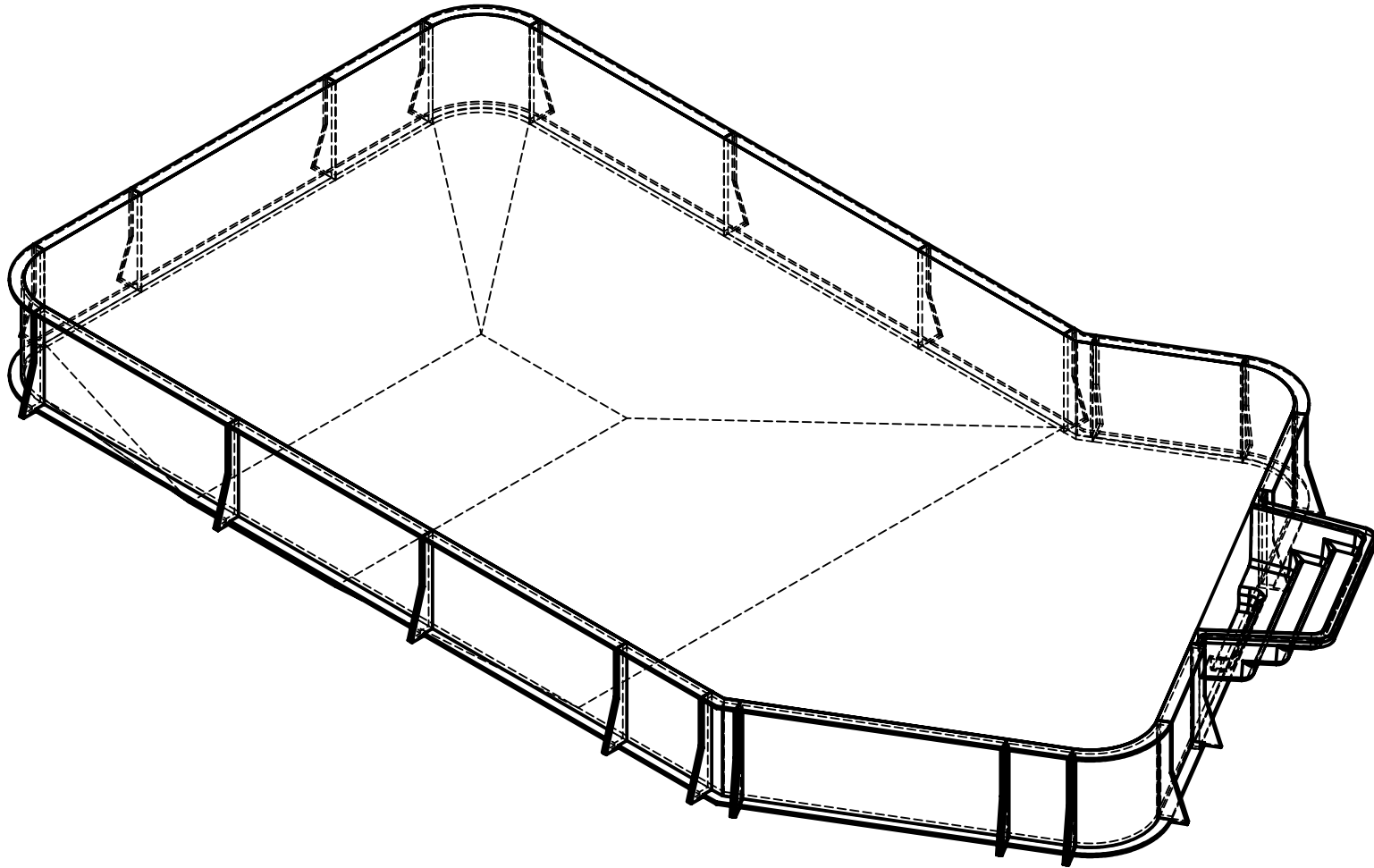   STEP.

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
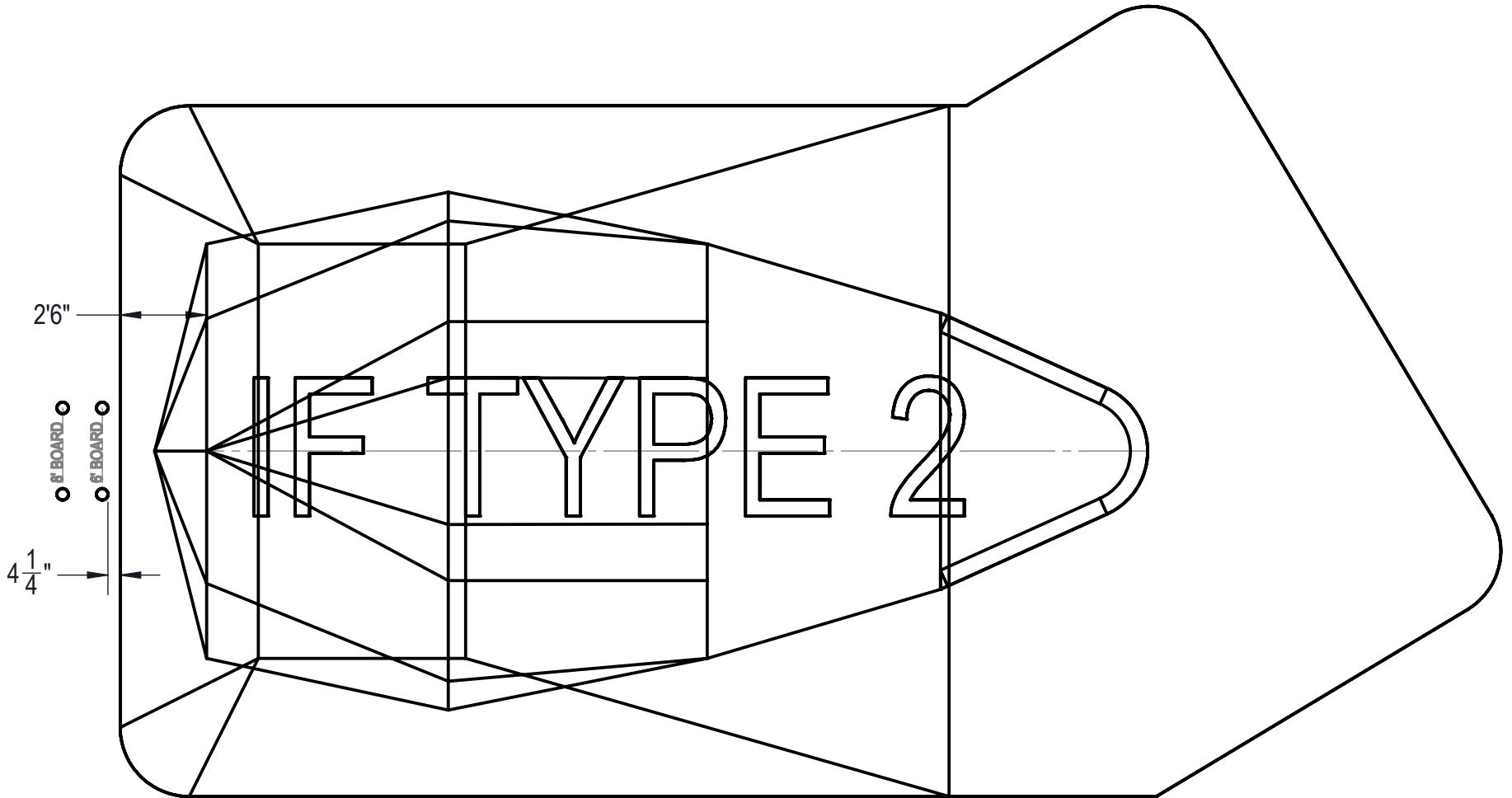
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      AND/OR METHODS OF CONSTRUCTION. PROPER INSTALLATION IS THE RESPONSIBILITY OF THE
      DEALER/BUILDER/CONTRACTOR.

REV. LEVEL: A-REV. DATE: JULY 29, 2015-DOCUMENT ID: CF7308, ANSI A-LANDSCAPE

C:\PDMworking\00017112

WEIGHT: 226497.019 lbs	**UNLESS OTHERWISE SPECIFIED**	DESIGNED BY: BUMPHREY
VOLUME: 6269417.665 Inch³	DIMENSIONS ARE IN INCHES TOLERANCES	DETAILED BY: BUMPHREY
COLOR: NA	DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005	LAST REVISED BY: bumphrey
HEAT TREAT: NA		MATERIAL: Material <not specified>
FINISH: NA	ANGULAR: X ± 0.5	
TEXTURE: NA	THIRD ANGLE PROJECTION	

ENGINEERING DRAWING NUMBER: 00017112

CREATION DATE: 3/15/2013
DETAILED DATE: 1/5/2018
LAST REVISED DATE: 1/5/2018

HYDRA POOLS

TITLE: LAYOUT, 20' X 40', LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017112

SCALE: 1:128
SIZE: A
SHEET: 2 OF 4

WEIGHT: 339820.6 lbs	UNLESS OTHERWISE SPECIFIED	DESIGNED BY: BUMPHREY	CREATION DATE: 3/15/2013	HYDRA POOLS
VOLUME: Inch³	DIMENSIONS ARE IN INCHES TOLERANCES	DETAILED BY: BUMPHREY	DETAILED DATE: 1/5/2018	
COLOR:	DECIMALS: X ± .1 / XX ± .01 / XXX ± .001 / XXXX ± .0005	LAST REVISED BY: bumphrey	LAST REVISED DATE: 1/5/2018	TITLE: LAYOUT, 20' X 40', LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES
HEAT TREAT:		MATERIAL:		
FINISH:	ANGULAR: X ± 0.5			
TEXTURE:	THIRD ANGLE PROJECTION			

ENGINEERING DRAWING NUMBER: 00017112

PART NUMBER: 00017112

SCALE: 1:128
SIZE: A
SHEET: 3 OF 4

2'6"

8' BOARD

6' BOARD

$4\frac{1}{4}$"

IF TYPE 2

WEIGHT: 339820.6 lbs		
VOLUME: Inch³		
COLOR:		
HEAT TREAT:		
FINISH:		
TEXTURE:		

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: 3/15/2013
DETAILED BY: BUMPHREY	DETAILED DATE: 1/5/2018
LAST REVISED BY: bumphrey	LAST REVISED DATE: 1/5/2018
MATERIAL:	

HYDRA POOLS

TITLE: LAYOUT, 20' X 40', LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017112

SCALE: 1:128

SIZE: A

SHEET: 4 OF 4