2'R▲3'-2"
4'-5"
210°▲6"X6"
1'-9 1/2"
2'
8'-INLET
6'-6"
8'-INLET
2'R▲3'-2"
2"
8'-LIGHT
19'-4 $\frac{7}{8}$"
TYPE-2 DIVING
28'-7 $\frac{7}{8}$"
31'-7 $\frac{1}{2}$"
2'
2'R▲3'-2"
2'-6"
8'-1084
2'R▲3'-2"
8'-1084
8'-INLET
7'-6"
3'-3 3/8"
149°▲6"X6"
(16)

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
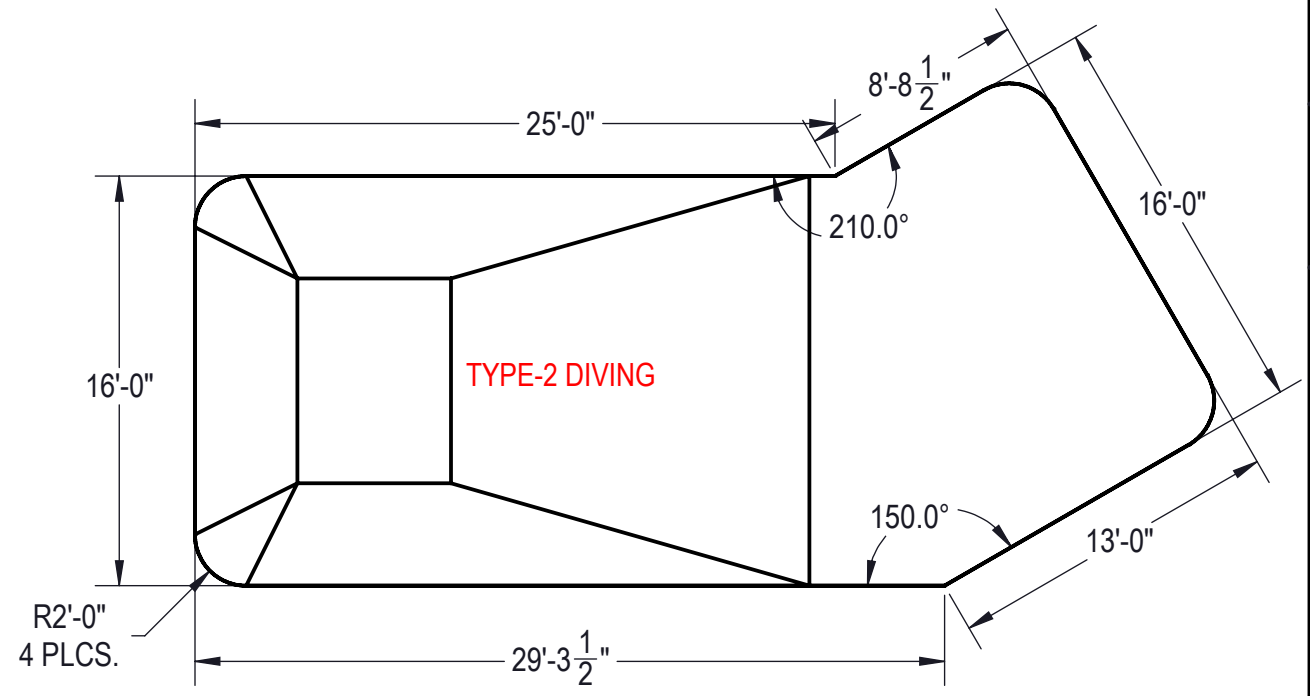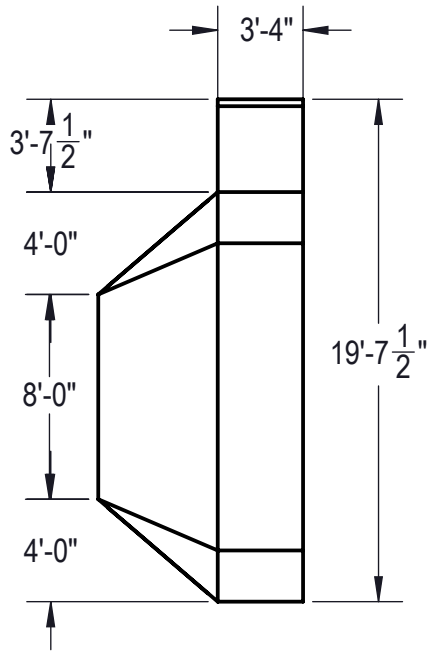
IMPORTANT NOTES:
THIS DOCUMENT IS FOR ILLUSTRATIVE PURPOSES ONLY. THE DEALER OR CONTRACTOR WHO SELLS OR INSTALLS YOUR POOL IS AN INDEPENDENT CONTRACTOR AND IS NOT AN AGENT OF THE MANUFACTURER. THE CONSTRUCTION METHODS ILLUSTRATED HERE ARE SUGGESTIONS AND APPLY ONLY TO NORMAL GROUND CONDITIONS. THERE MAY BE ADDITIONAL PRECAUTIONS AND/OR METHODS OF CONSTRUCTION. PROPER INSTALLATION IS THE RESPONSIBILITY OF THE DEALER/BUILDER/CONTRACTOR.

ITEM	FILE NAME	DESCRIPTION	CUSTOMER DRAWING #	VENDOR PART #	QTY.
1	BOLT, PACK	BOLT, FLANGE, 3/8-16 X 1", PACK (50)	HPS1916	HPS1916	6
2	SBRACE	BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB	HPSFOB	HPSFOB	23
3	PANEL, ANGLE	PANEL, ANGLE, 6" X 6" X 149°, 600 SERIES	HPSD6X6149	00001388	1
4	PANEL, ANGLE	PANEL, ANGLE, 6" X 6" X 210°, 600 SERIES	HPSDLLR	00001675	1
5	PANEL, STRAIGHT	PANEL, 1'-9 1\2" LONG, 600 SERIES	HPSCS2	00011454	1
6	PANEL, STRAIGHT	PANEL, 2' LONG, 600 SERIES	HPSD102P	00000621	4
7	PANEL, RADIUS	PANEL, 2' RADIUS, 3-2" LONG, 600 SERIES	HPSD2R	00000287	4
8	PANEL, STRAIGHT	PANEL, 2'-6" LONG, 600 SERIES	HPSD26P	00002021	1
9	PANEL, STRAIGHT	PANEL, 3'-3 3\8" LONG, 600 SERIES	HPS3338	00001629	1
10	PANEL, STRAIGHT	PANEL, 4'-5" LONG, 600 SERIES	HPSCS5	00002169	1
11	PANEL, STRAIGHT	PANEL, 6'-6" LONG, 600 SERIES	HPSD1066P	00000678	1
12	PANEL, STRAIGHT	PANEL, 7'-6" LONG, 600 SERIES	HPSD1076P	00000682	1
13	PANEL, STRAIGHT	PANEL, 8' LONG, 1084, 600 SERIES	HPSD10884	00002006	2
14	PANEL, STRAIGHT	PANEL, 8' LONG, INLET, 600 SERIES	HPSD108I	00000699	3
15	PANEL, STRAIGHT	PANEL, 8' LONG, LIGHT, 600 SERIES	HPSD108L	00000701	1
16	HS110N	STEP, 8', TWIN SEAT, 4 TREAD	HS110N	HS110N	1

WEIGHT: 294082.2 lbs
VOLUME: Inch³
COLOR:
HEAT TREAT:
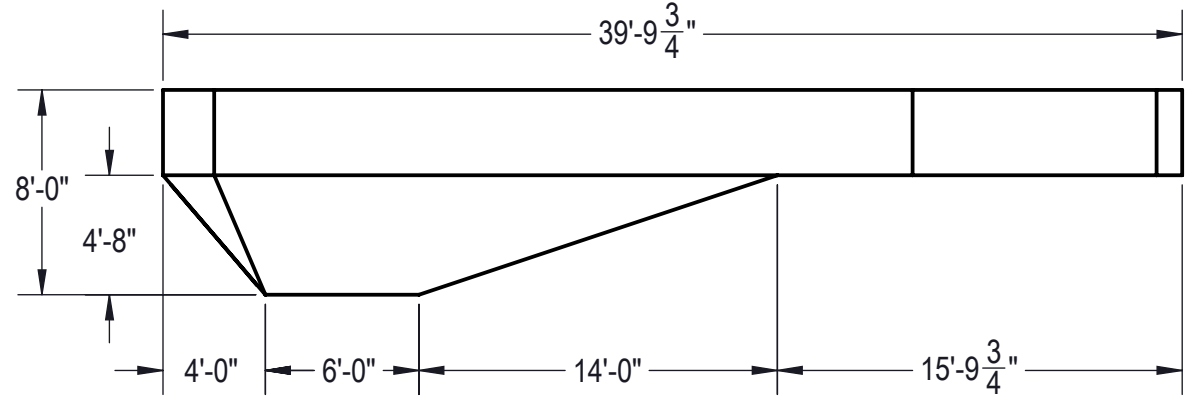**FINISH:**
TEXTURE:

ENGINEERING DRAWING NUMBER: 00017456
C:\PDMWorking\00017456

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: JBOSSERDET
CREATION DATE: 3/15/2013
DETAILED BY: RSANVICENTE
DETAILED DATE: 1/30/2017
LAST REVISED BY: hyeng
LAST REVISED DATE: 1/30/2018
MATERIAL:

HYDRA POOLS

TITLE: LAYOUT, 16' X 39' LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 3- INLET, 2- 1084, 600 SERIES

PART NUMBER: **00017456**

SCALE: 1:60
SIZE: A
SHEET: 1 OF 4

3'-4"

3'-7 1/2"

4'-0"

8'-0"

4'-0"

19'-7 1/2"

25'-0"

8'-8 1/2"

210.0°

16'-0"

16'-0"

TYPE-2 DIVING

150.0°

13'-0"

R2'-0"
4 PLCS.

29'-3 1/2"

Area: 604.57ft ^2
Perimeter: 104.57ft
Volume = 21757 US gallons

39'-9 3/4"

8'-0"

4'-8"

4'-0"

6'-0"

14'-0"

15'-9 3/4"
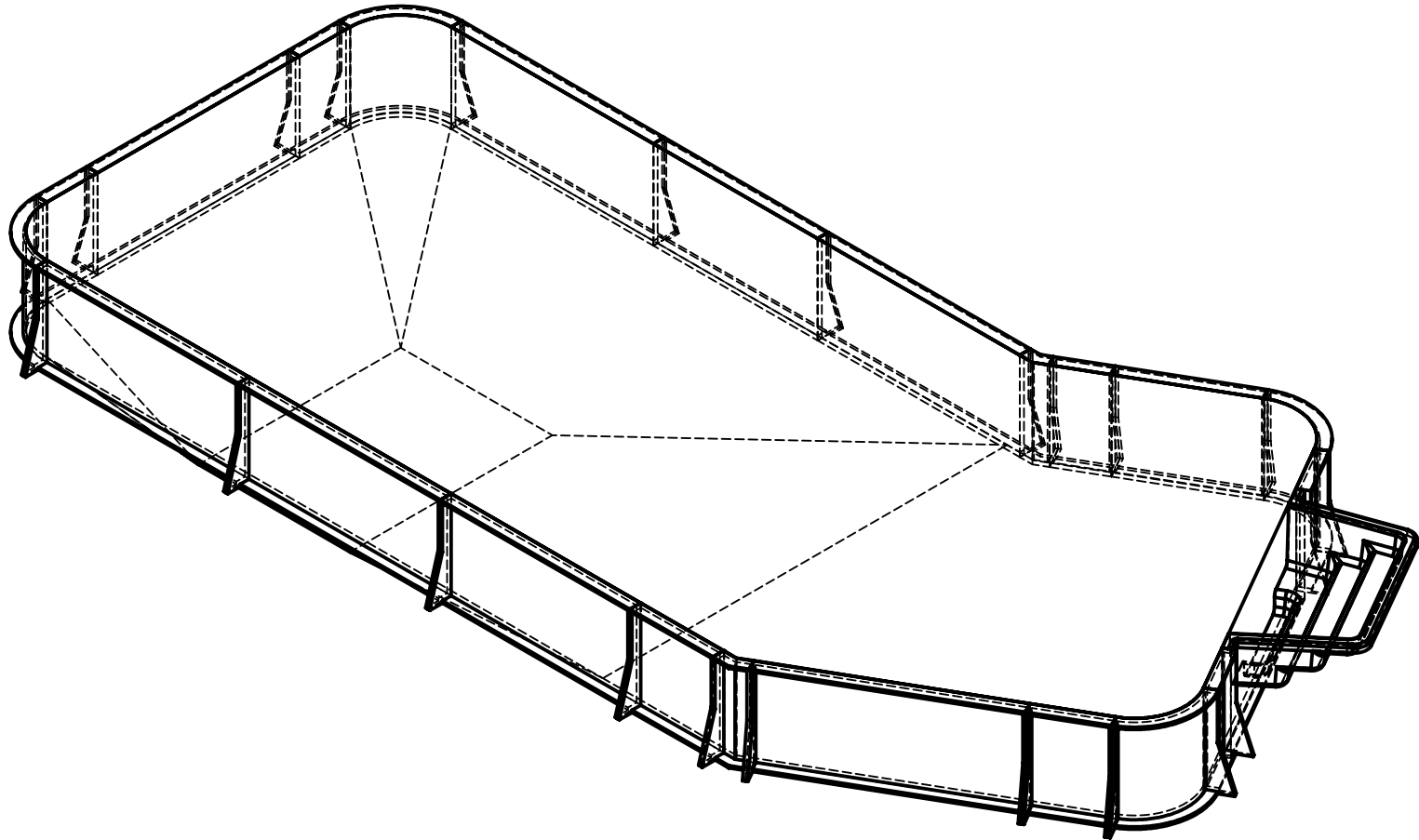
NOTES:
1.   THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
2.   DIMENSIONS ARE FROM INSIDE POOL PANELS.
3.   ROPE AND FLOAT ASSEMBLY SHOULD BE INSTALLED IN ACCORDANCE WITH CURRENT
        ANSI/ASPS/ICC REGULATIONS
4.   HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE
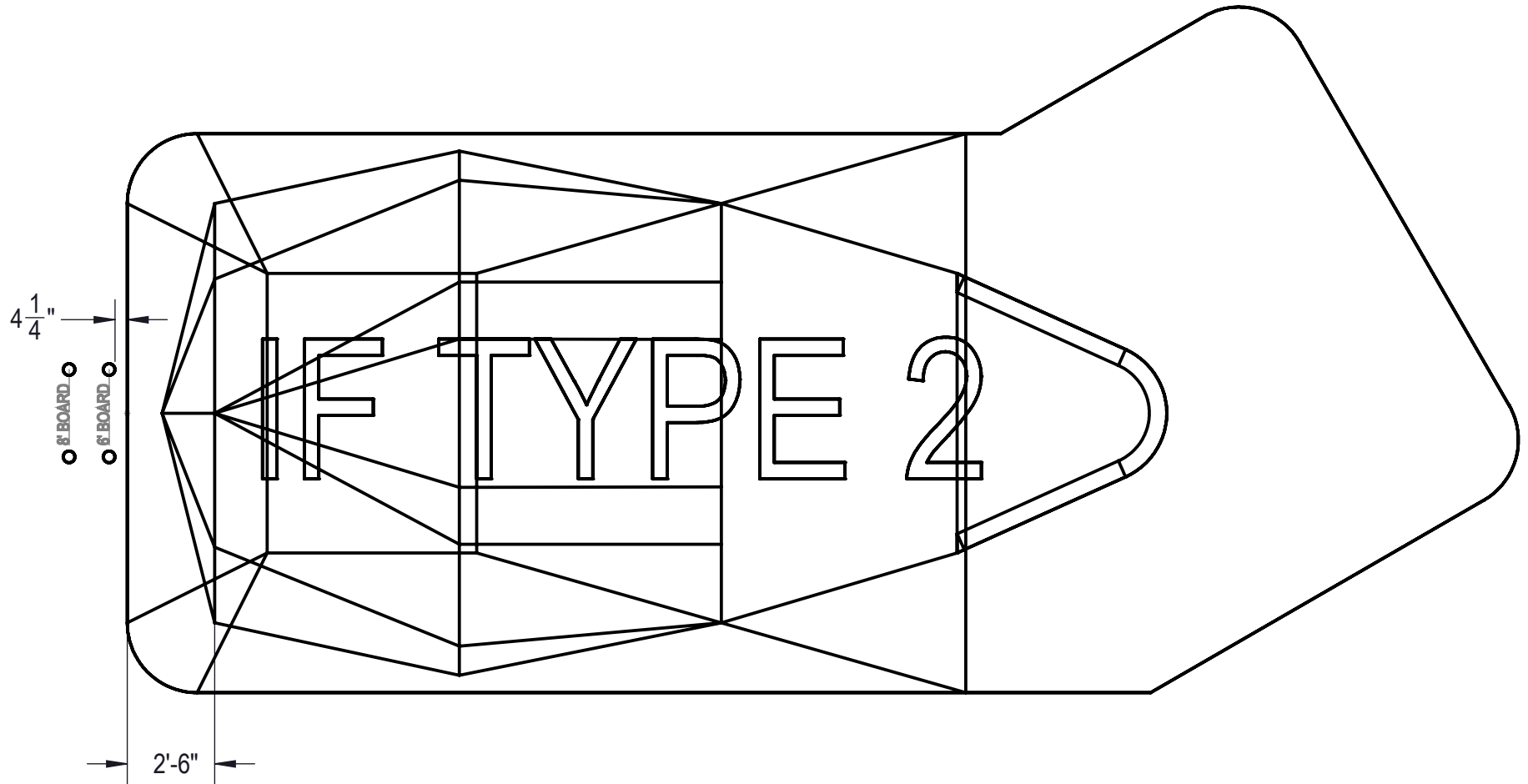   STEP.

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: 00017456

C:\PDMWorking\00017456

WEIGHT: lbs	**UNLESS OTHERWISE SPECIFIED**	DESIGNED BY: BUMPHREY	CREATION DATE: 3/15/2013	**HYDRA POOLS**
VOLUME: Inch³	DIMENSIONS ARE IN INCHES TOLERANCES	DETAILED BY: RSANVICENTE	DETAILED DATE: 1/30/2017	
COLOR: NA	DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005	LAST REVISED BY: hyeng	LAST REVISED DATE: 1/30/2018	TITLE: LAYOUT, 16' X 39' LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 3- INLET, 2- 1084, 600 SERIES
HEAT TREAT: NA		MATERIAL:		
FINISH: NA	ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION			
TEXTURE: NA	⊙ ▭	PART NUMBER: 00017456		SCALE: 1:84 SIZE: A SHEET: 2 OF 4

WEIGHT: 294082.2 lbs	**UNLESS OTHERWISE SPECIFIED**	DESIGNED BY: JBOSSERDET	CREATION DATE: 3/15/2013
VOLUME: Inch³	DIMENSIONS ARE IN INCHES TOLERANCES	DETAILED BY: RSANVICENTE	DETAILED DATE: 1/30/2017
COLOR:	DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005	LAST REVISED BY: hyeng	LAST REVISED DATE: 1/30/2018
HEAT TREAT:		MATERIAL:	
FINISH:	ANGULAR: X ± 0.5		
TEXTURE:	THIRD ANGLE PROJECTION		

HYDRA POOLS

TITLE: LAYOUT, 16' X 39' LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 3- INLET, 2- 1084, 600 SERIES

ENGINEERING DRAWING NUMBER: 00017456

PART NUMBER: 00017456

SCALE: 1:60

SIZE: A

SHEET: 3 OF 4

C:\PDMWorking\00017456

IF TYPE 2

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

8' BOARD

6' BOARD

2'-6"

WEIGHT: 294082.2 lbs	**UNLESS OTHERWISE SPECIFIED**	DESIGNED BY: JBOSSERDET	CREATION DATE: 3/15/2013	HYDRA POOLS		
VOLUME: Inch³	DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS: X ± .1	DETAILED BY: RSANVICENTE	DETAILED DATE: 1/30/2017			
COLOR:	XX ± .01 XXX ± .001 XXXX ± .0005	LAST REVISED BY: hyeng	LAST REVISED DATE: 1/30/2018	TITLE: LAYOUT, 16' X 39' LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 3- INLET, 2- 1084, 600 SERIES		
HEAT TREAT:			MATERIAL:			
FINISH:	ANGULAR: X ± 0.5					
TEXTURE:	THIRD ANGLE PROJECTION					
	◎ ◁	PART NUMBER: 00017456			SCALE: 1:60	SIZE: A
					SHEET: 4 OF 4	

ENGINEERING DRAWING NUMBER:
00017456