

1		2		3		4		5		6		7		8		9		10	
NOTES: -MASS DOES NOT INCLUDE WELDS/TIN/INSULATION -THIS DRAWING REFLECTS ONE (1) UNIT -ONE (1) UNIT REQUIRED PER JOB						Parts List													
						CK	ITEM	QTY	DESCRIPTION	WIDTH	LENGTH	MATERIAL	CLENGTH (in)	WEIGHT					
							1	1	BUILDING, INJECTION SKID			SEE DRWG# 14103-702		13136.29					
							2	1	BUILDING, MIXING SKID			SEE DRWG# 14103-703		7388.92					
							3	1	BUILDING, MIXING SKID TOWER SECTION			SEE DRWG# 14103-704		9805.99					
							4	1	COMPRESSOR			INGERSOLL RAND		11356.02					
							5	1	DOOR, DOUBLE, MIXING SKID			SEE DRWG# 14103-800		1211.09					
							6	2	FAN, INTAKE, ROOF MOUNTED			LOREN COOK, ACE-B 195C9B		200.00					
							7	2	FILTER, 6 BAG, 6" 150# RF			FSI, FSPN-1100, 316 SS		1700.00					
							8	1	HOPPER, POLYMER			SHOP BUILT		5437.51					
							9	1	HVAC, WALL MOUNTED			MARVAIR, AVPA30 (SUPPLIED BY A&E)		640.00					
							10	1	PIPING, FILTERS TO POLYMER MIX TANK			SEE DRWG# 14103-302		292.44					
							11	1	PIPING, INJECTION PUMP #1 DISCHARGE TO MAKE UP			SEE DRWG# 14103-305		576.18					
							12	1	PIPING, INJECTION PUMP #2 DISCHARGE TO MAKE UP			SEE DRWG# 14103-306		608.42					
							13	1	PIPING, INJECTION PUMP #3 DISCHARGE TO MAKE UP			SEE DRWG# 14103-307		640.67					
							14	1	PIPING, INJECTION PUMP #4 DISCHARGE TO MAKE UP			SEE DRWG# 14103-308		657.30					
							15	1	PIPING, INJECTION PUMP #5 DISCHARGE TO MAKE UP			SEE DRWG# 14103-309		630.22					
							16	1	PIPING, INJECTION PUMP #6 DISCHARGE TO MAKE UP			SEE DRWG# 14103-310		597.47					
							17	1	PIPING, INJECTION PUMP DISCHARGE & MAKE UP MANIFOLD			SEE DRWG# 14103-311		6381.79					
							18	3	PIPING, INJECTION PUMPS #1-3 RELIEF			SEE DRWG# 14103-313		68.16					
							19	3	PIPING, INJECTION PUMPS #4-6 RELIEF			SEE DRWG# 14103-314		68.16					
							20	1	PIPING, INLET WATER TO FILTER			SEE DRWG# 14103-301		487.87					
							21	1	PIPING, METERING PUMPS TO INJECTION PUMPS			SEE DRWG# 14103-304		1303.98					
							22	2	PIPING, POLYMER METERING PUMPS RELIEF			SEE DRWG# 14103-312		44.08					
							23	1	PIPING, POLYMER MIX TANK TO METERING PUMPS			SEE DRWG# 14103-303		476.26					
							24	1	PUMP, METERING, 3/8" FNPT x 3/8" FNPT			PROMINENT, PROMUS 30		80.96					
							25	2	PUMP, PROGRESSING CAVITY, 5" FNPT x 6" 150# RF			CONTINENTAL, 1CL10H-CDQ		1466.91					
							26	2	SKID, MAIN			SEE DRWG# 14103-600		53862.70					
							27	3	SKID, PEDESTAL, INJECTION PUMP #1-3			SEE DRWG# 14103-801		6574.45					
							28	3	SKID, PEDESTAL, INJECTION PUMP #4-6			SEE DRWG# 14103-802		6574.45					
							29	3	SNOW HOOD			FOR DAYTON (GRAINGER 4YN17)		225.00					
							30	1	SUPER SACKS, POLYMER			9 BAG STORAGE		23453.23					
							31	1	TANK, CHEMICAL STORAGE					1.26					
							32	1	TANK, POLYMER MIX			SEE DRWG# 14103-900		27384.33					
							33	1	TRAY, PULL OUT			KWIKEE, SUPER SLIDE I		162.26					

APPROVED

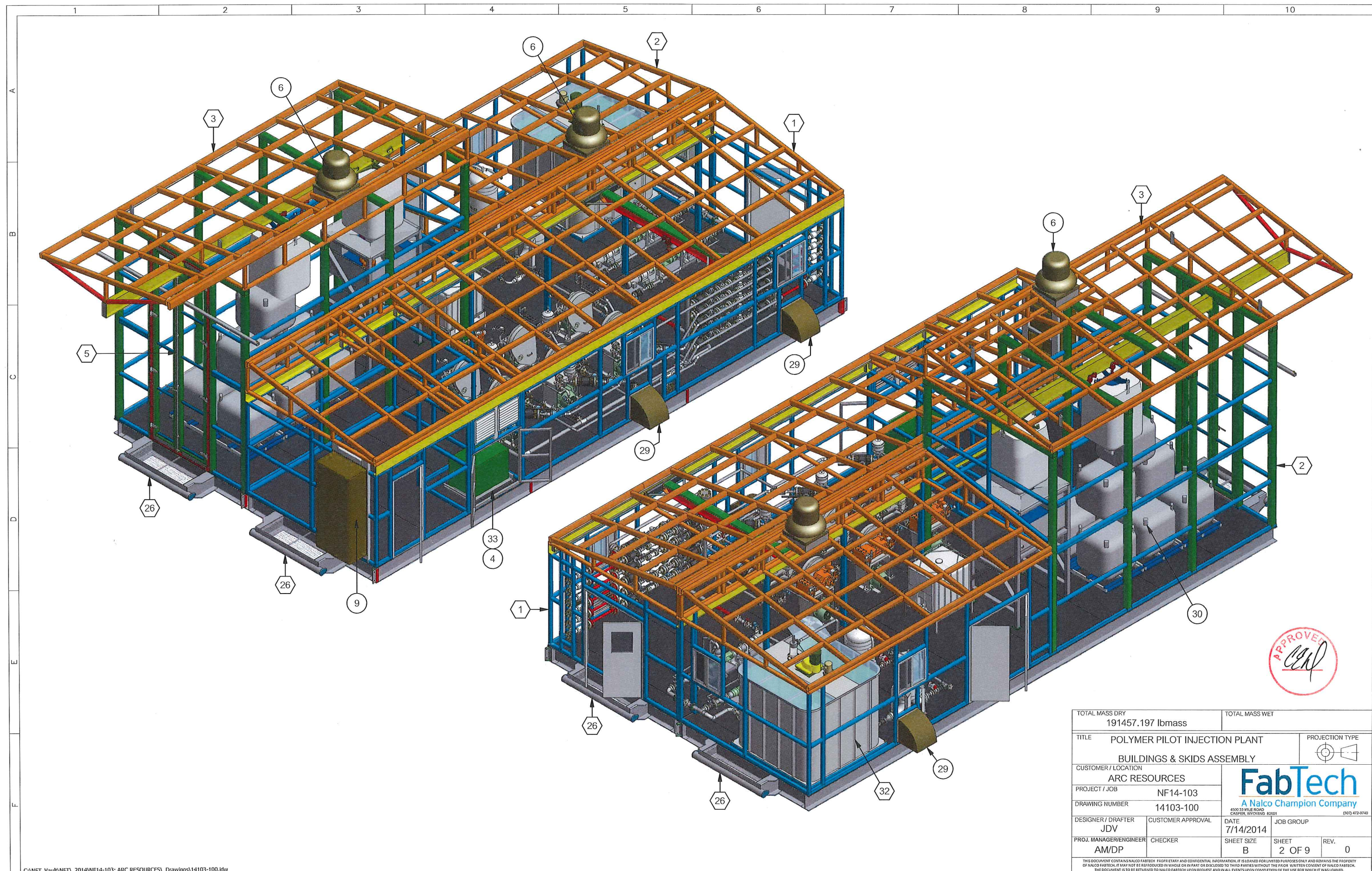
CEN

TOTAL MASS DRY		TOTAL MASS WET	
TITLE		POLYMER PILOT INJECTION PLANT	
CUSTOMER / LOCATION		ARC RESOURCES	
PROJECT / JOB		NF14-103	
DRAWING NUMBER		14103-100	
DESIGNER / DRAFTER	CUSTOMER APPROVAL	DATE	JOB GROUP
JDV		7/14/2014	
PROJ. MANAGER/ENGINEER	CHECKER	SHEET SIZE	SHEET
AM/DP		B	1 OF 9
		REV.	0

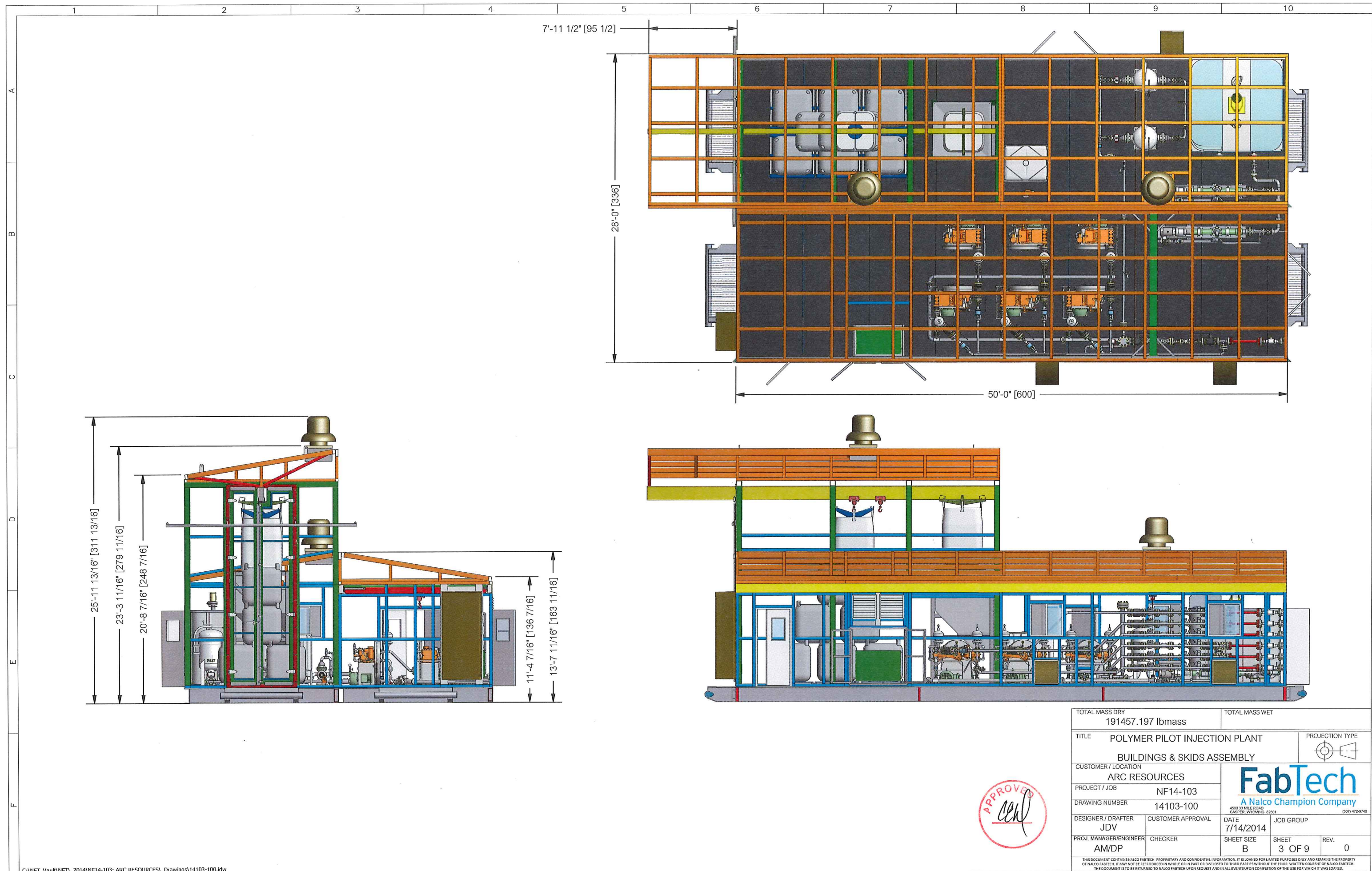
THIS DOCUMENT CONTAINS NALCO FASTECH PROPRIETARY AND CONFIDENTIAL INFORMATION. IT IS LOANED FOR LIMITED PURPOSES ONLY AND REMAINS THE PROPERTY OF NALCO FASTECH. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF NALCO FASTECH. THE DOCUMENT IS TO BE RETURNED TO NALCO FASTECH UPON REQUEST AND IN ALL EVENTS UPON COMPLETION OF THE USE FOR WHICH IT WAS LOANED.

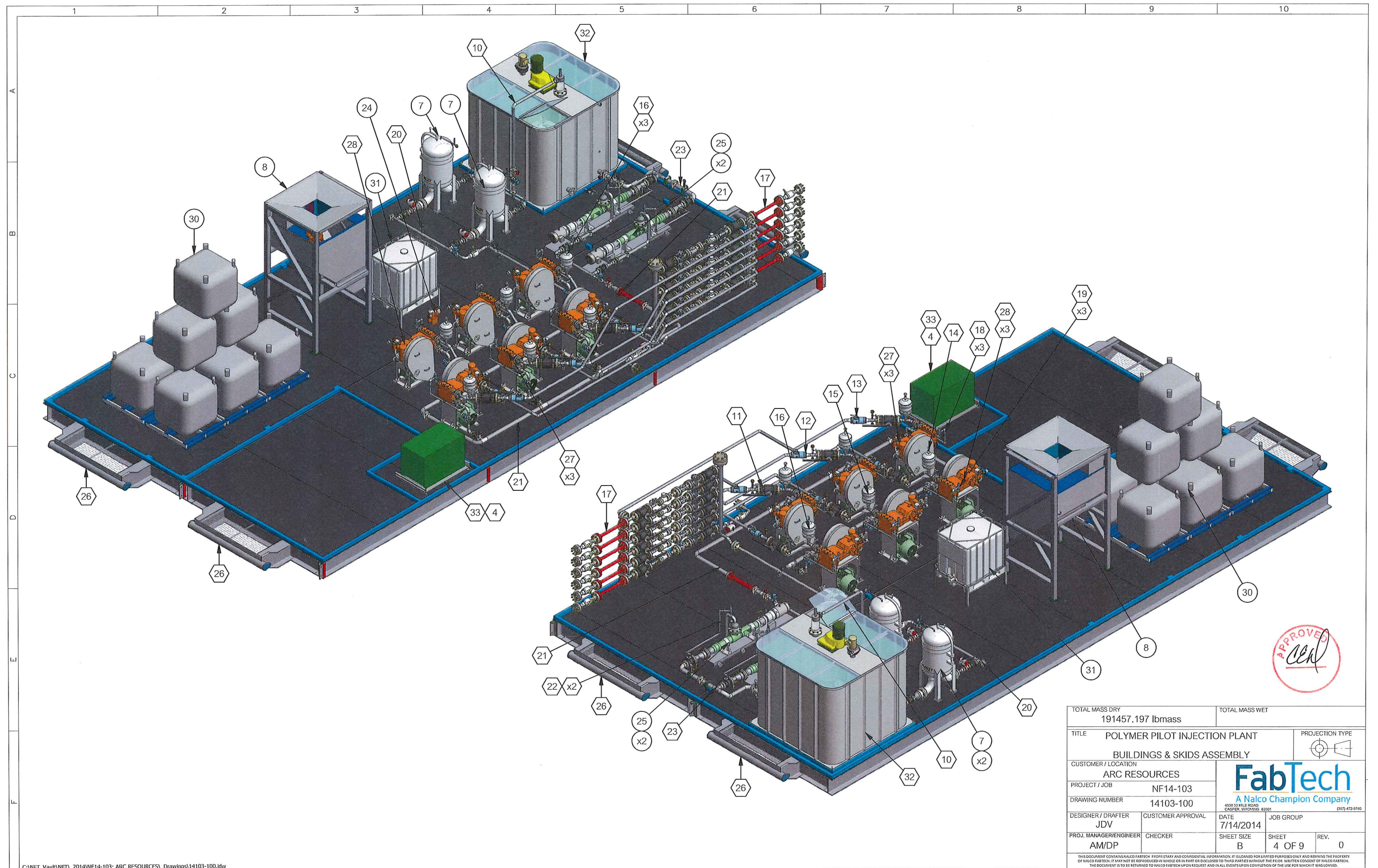
REV	REVISION	DATE	BY
0	RELEASE FOR CONSTRUCTION	10/6/2014	JDV

C:\WFT_Vault\NFT\2014\NF14-103; ARC RESOURCES\Drawings\14103-100.idw



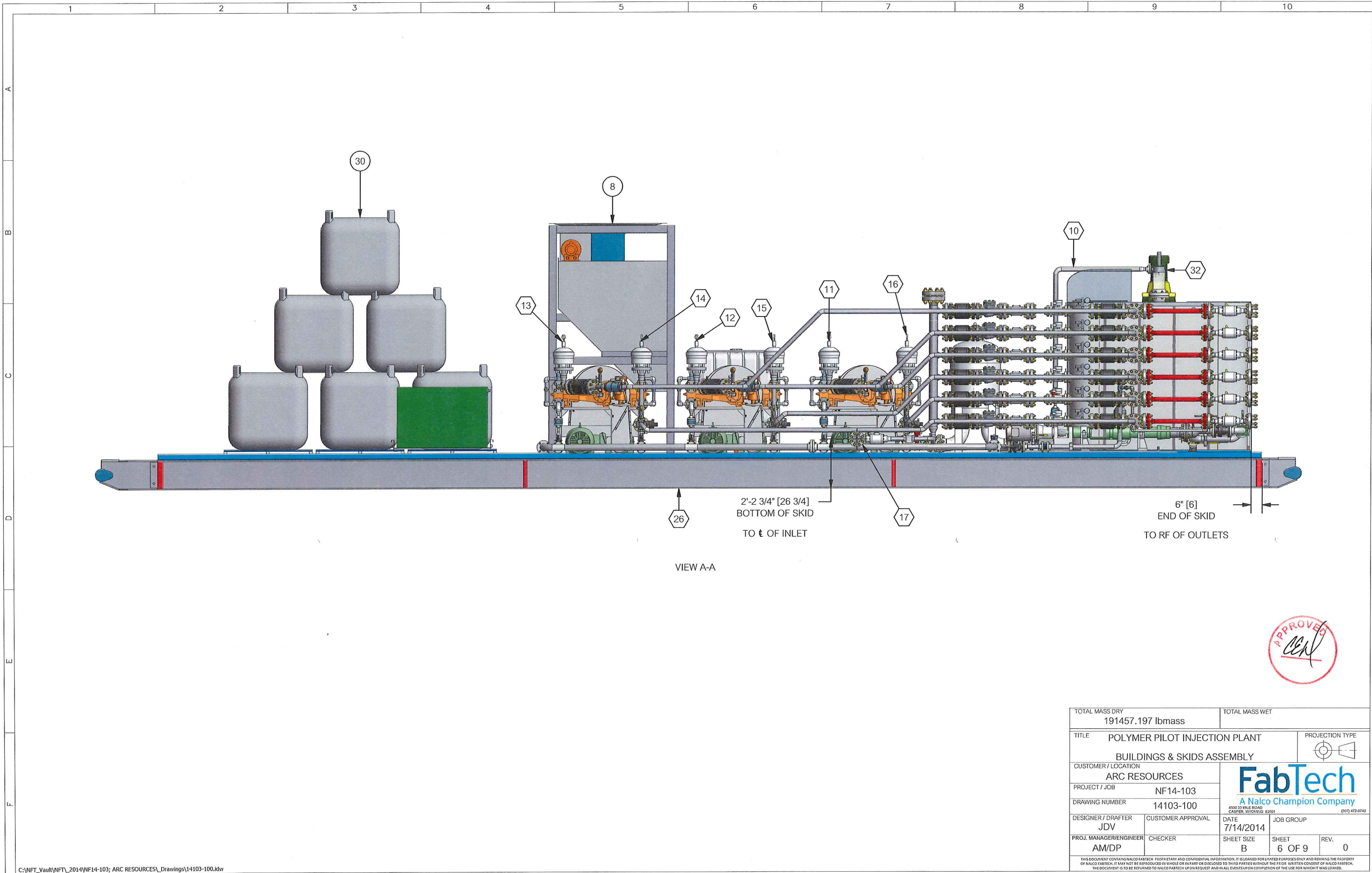
TOTAL MASS DRY 191457.197 lbmass		TOTAL MASS WET	
TITLE POLYMER PILOT INJECTION PLANT		PROJECTION TYPE 	
BUILDINGS & SKIDS ASSEMBLY		 A Nalco Champion Company 4500 33 MILE ROAD CASPER, WYOMING 82501 (307) 472-9740	
CUSTOMER / LOCATION ARC RESOURCES			
PROJECT / JOB NF14-103			
DRAWING NUMBER 14103-100			
DESIGNER / DRAFTER JDV	CUSTOMER APPROVAL	DATE 7/14/2014	JOB GROUP
PROJ. MANAGER/ENGINEER AM/DP	CHECKER	SHEET SIZE B	SHEET 2 OF 9
		REV. 0	
THIS DOCUMENT CONTAINS NALCO FABTECH PROPRIETARY AND CONFIDENTIAL INFORMATION. IT IS LOANED FOR LIMITED PURPOSES ONLY AND REMAINS THE PROPERTY OF NALCO FABTECH. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF NALCO FABTECH. THE DOCUMENT IS TO BE RETURNED TO NALCO FABTECH UPON REQUEST AND IN ALL EVENTS UPON COMPLETION OF THE USE FOR WHICH IT WAS LOANED.			



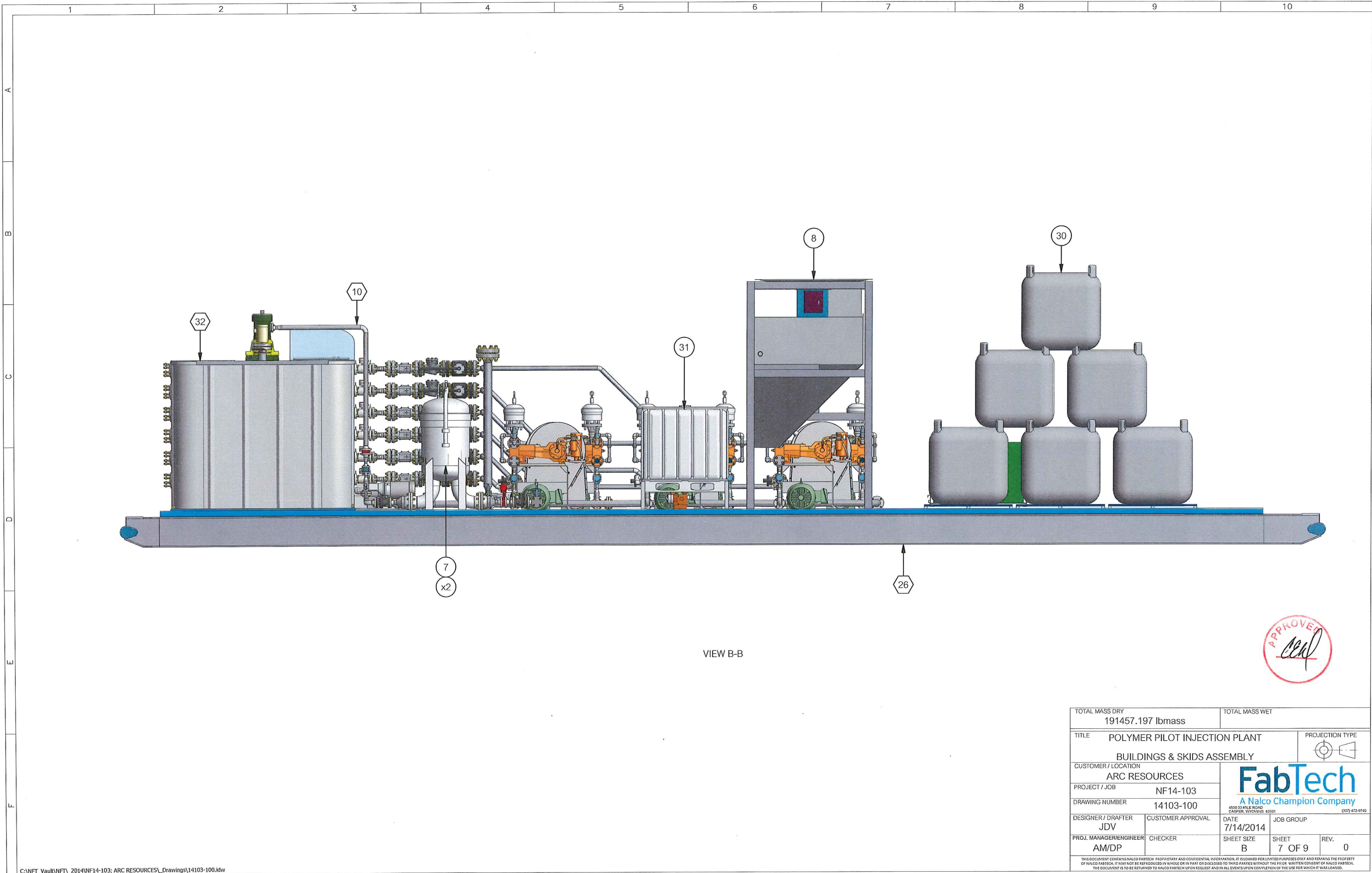


TOTAL MASS DRY 191457.197 lbmass		TOTAL MASS WET	
TITLE POLYMER PILOT INJECTION PLANT BUILDINGS & SKIDS ASSEMBLY		PROJECTION TYPE 	
CUSTOMER / LOCATION ARC RESOURCES		 4500 33 MILE ROAD CASPER, WYOMING 82501 (307) 472-9740	
PROJECT / JOB NF14-103			
DRAWING NUMBER 14103-100			
DESIGNER / DRAFTER JDV			
CUSTOMER APPROVAL		JOB GROUP	
PROJ. MANAGER/ENGINEER AM/DP		CHECKER	
DATE 7/14/2014		SHEET SIZE B	
SHEET 4 OF 9		REV. 0	
THIS DOCUMENT CONTAINS NALCO FABTECH PROPRIETARY AND CONFIDENTIAL INFORMATION. IT IS LOANED FOR LIMITED PURPOSES ONLY AND REMAINS THE PROPERTY OF NALCO FABTECH. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF NALCO FABTECH. THE DOCUMENT IS TO BE RETURNED TO NALCO FABTECH UPON REQUEST AND IN ALL EVENTS UPON COMPLETION OF THE USE FOR WHICH IT WAS LOANED.			

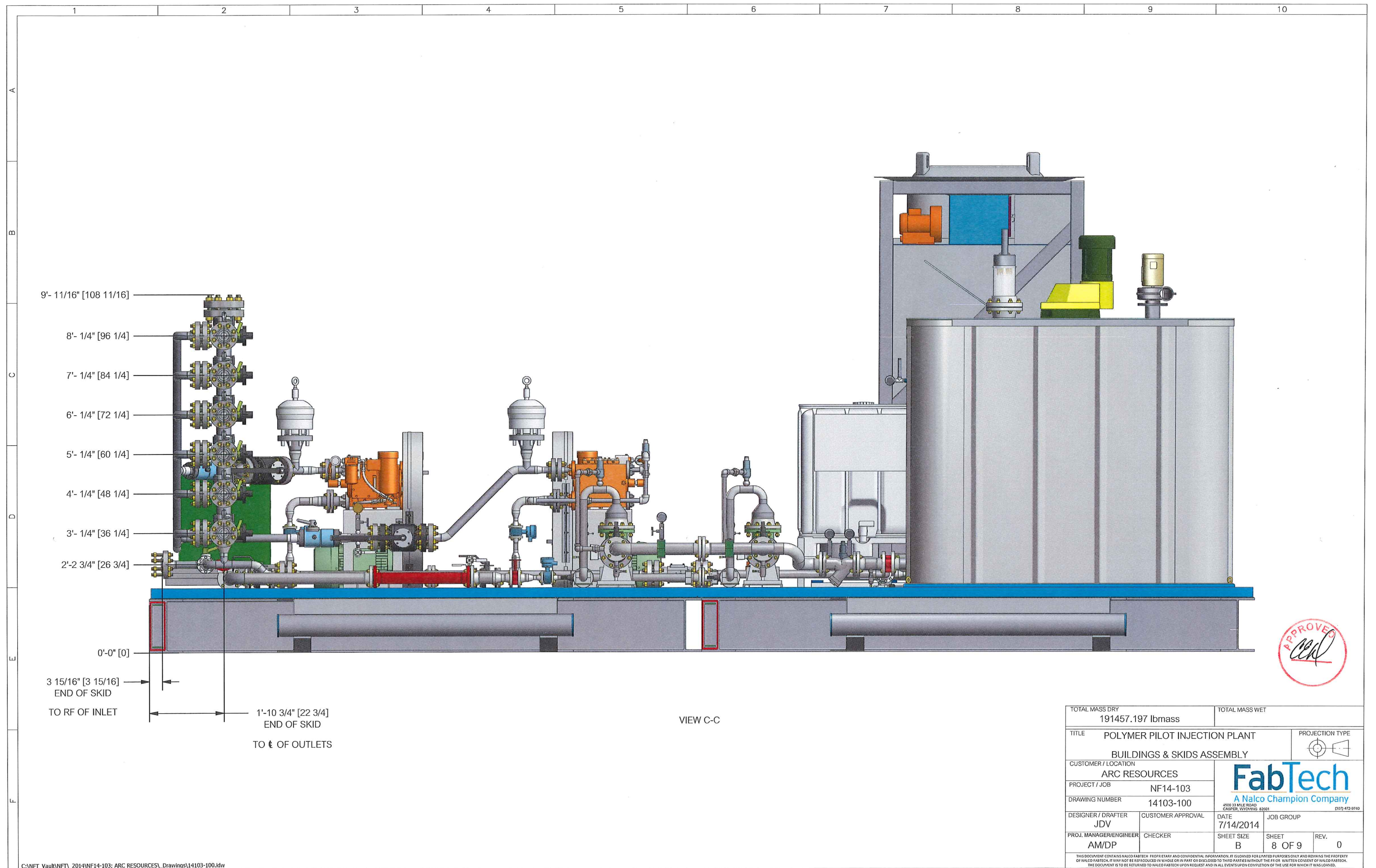


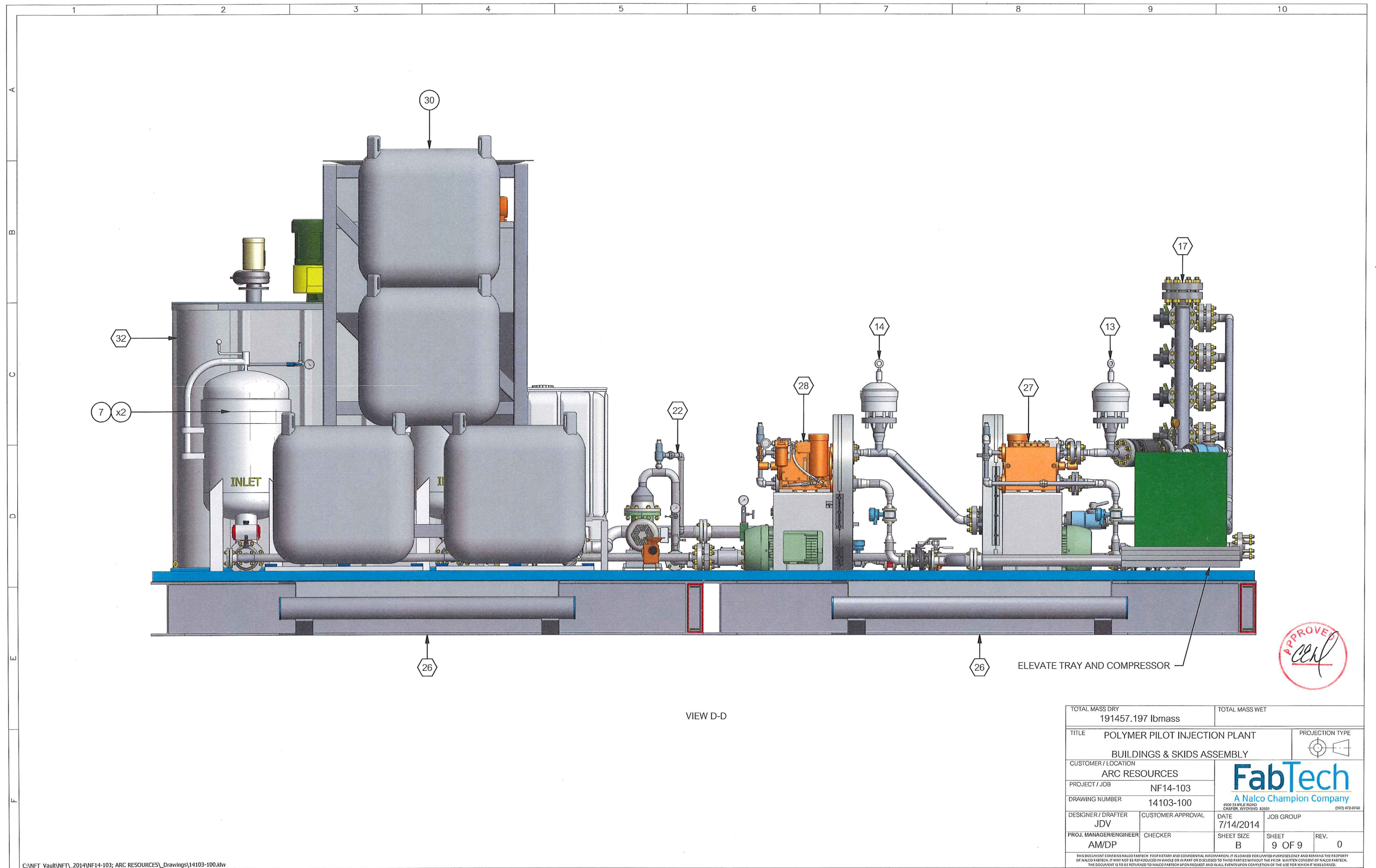


TOTAL MASS DRY 191457.197 lbmass		TOTAL MASS WET	
TITLE POLYMER PILOT INJECTION PLANT BUILDINGS & SKIDS ASSEMBLY		PROJECTION TYPE 	
CUSTOMER / LOCATION ARC RESOURCES			
PROJECT / JOB NF14-103			
DRAWING NUMBER 14103-100			
DESIGNER / DRAFTER JDV	CUSTOMER APPROVAL	DATE 7/14/2014	JOB GROUP
PROJ. MANAGER/ENGINEER AM/DP	CHECKER	SHEET SIZE B	SHEET 6 OF 9
		REV. 0	
THIS DOCUMENT CONTAINS NALCO FABTECH PROPRIETARY AND CONFIDENTIAL INFORMATION. IT IS LOANED FOR LIMITED PURPOSES ONLY AND REMAINS THE PROPERTY OF NALCO FABTECH. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF NALCO FABTECH. THE DOCUMENT IS TO BE RETURNED TO NALCO FABTECH UPON REQUEST AND IN ALL EVENTS UPON COMPLETION OF THE USE FOR WHICH IT WAS LOANED.			



TOTAL MASS DRY 191457.197 lbmass		TOTAL MASS WET	
TITLE POLYMER PILOT INJECTION PLANT BUILDINGS & SKIDS ASSEMBLY		PROJECTION TYPE 	
CUSTOMER / LOCATION ARC RESOURCES			
PROJECT / JOB NF14-103			
DRAWING NUMBER 14103-100			
DESIGNER / DRAFTER JDV	CUSTOMER APPROVAL	DATE 7/14/2014	JOB GROUP
PROJ. MANAGER/ENGINEER AM/DP	CHECKER	SHEET SIZE B	SHEET 7 OF 9
		REV. 0	
THIS DOCUMENT CONTAINS NALCO FABTECH PROPRIETARY AND CONFIDENTIAL INFORMATION. IT IS LOANED FOR LIMITED PURPOSES ONLY AND REMAINS THE PROPERTY OF NALCO FABTECH. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF NALCO FABTECH. THE DOCUMENT IS TO BE RETURNED TO NALCO FABTECH UPON REQUEST AND IN ALL EVENTS UPON COMPLETION OF THE USE FOR WHICH IT WAS LOANED.			





TOTAL MASS DRY 191457.197 lbmass		TOTAL MASS WET	
TITLE POLYMER PILOT INJECTION PLANT BUILDINGS & SKIDS ASSEMBLY		PROJECTION TYPE 	
CUSTOMER / LOCATION ARC RESOURCES		 A Nalco Champion Company 4500 33 MILE ROAD CASPER, WYOMING 82501 (307) 472-0700	
PROJECT / JOB NF14-103			
DRAWING NUMBER 14103-100			
DESIGNER / DRAFTER JDV			
CUSTOMER APPROVAL		DATE 7/14/2014	JOB GROUP
PROJ. MANAGER/ENGINEER AM/DP		CHECKER	SHEET 9 OF 9
			REV. 0
THIS DOCUMENT CONTAINS NALCO FABTECH PROPRIETARY AND CONFIDENTIAL INFORMATION. IT IS LOANED FOR LIMITED PURPOSES ONLY AND REMAINS THE PROPERTY OF NALCO FABTECH. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF NALCO FABTECH. THE DOCUMENT IS TO BE RETURNED TO NALCO FABTECH UPON REQUEST AND IN ALL EVENTS UPON COMPLETION OF THE USE FOR WHICH IT WAS LOANED.			