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| 4 | REVISED DIMENSIONS TO MATCH "FIELD" MEASUREMENTS | TJC | 12/9/11 |
| 3 | ADDED "2E-301" TO TITLE BLOCK REVISED DIMENSION | TJC | 8/11/11 |
| 2 | CORRECTED P/N IT #8, PASS RING | TJC | 6/13/11 |
| 1 | COMPLETED BILL OF MATERIALS | TJC | 5/25/11 |
| No | Revision | By | Date |

NOZZLE SCHEDULE					
TAG	SIZE	TYPE		SERVICE	
A	14"	150#	ANSI RF	SHELL SIDE INLET	
B	18"	150#	ANSI RF	SHELL SIDE OUTLET	
C	4"	150#	ANSI RF	TUBE SIDE INLET	
D	4"	150#	ANSI RF	TUBE SIDE OUTLET	
E	3/4"	NPT	CPLG	SHELL SIDE VENT	
F	3/4"	NPT	CPLG	SHELL SIDE DRAIN	
G					
H					
J					
K					
L					
M					
N					
DESIGN DATA					
		SHELL SIDE		TUBE SIDE	
DESIGN PRESSURE:	75.9 PSI / 5.2/FV Bar			75 PS / 5.2 Bar	
TEST PRESSURE:	98 PSI / 6.8 Bar			98 PS / 6.8 Bar	
DESIGN TEMP.	+20/400F -6.6/254C			+20/170F -6.6/76.8C	
MATERIALS OF CONSTRUCTION					
PART	SHELL SIDE		TUBE SIDE		
TUBES	SA-214 WELDED STEEL				
TUBESHEETS	SA-516 70 STEEL				
BAFFLE FLANGE	STEEL				
HEADS	SA-516 70 STEEL		SA-516 70 STEEL		
SHELL	SA-516 70 STEEL		SA-516 70 STEEL		
NOZZ FLGS	SA-105 FGD STEEL		SA-105 FGD STEEL		
CPLGS	SA-105 FGD STEEL				
BOLTS/NUTS	SA-193 B7 / SA-194 2H				
CASKETS	Compressed Fiber Metal Jacketed				
O-RINGS					
BODY FLGS	SA-350 LF2 FGD STEEL		SA-350 LF2 FGD STEEL		
DIMENSIONS & DATA CERTIFIED FOR					
CUST. ORDER:	1341-0211				
BASCO ORDER:	E110125-101				
BY: TJC			DATE:		4/12/11
CODING:	ASME VII, Div. 1 2010 ED --- ADD. ITEM A				
NOTES:					
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FILE NAME V:\\$k\2000\Closs\1425\1425--35-184---000.dwg					
DRAWN 4/12/11 BY: TJC			CHECK		
SCALE			CONTRACT NO		
1:26			E110125-101		
API Basco Heat Transfer Technology					
OVERHEAD COOLER					
MODEL: 35184 AES "2E~301"					
SIZE C	DWG NO 1425-35-184-000			REV 4	