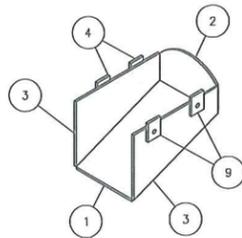
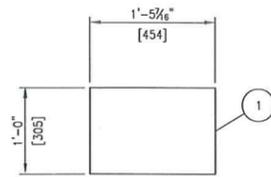


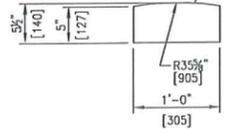
NOTE #3



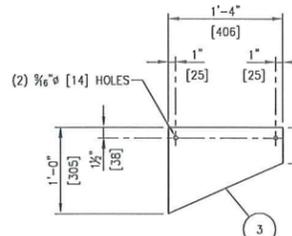
INLET DEFLECTOR DETAIL
1. SCALE: NTS



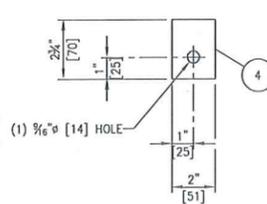
INLET DEFLECTOR BOTTOM PLATE DETAIL
1. SCALE: 1"=1'-0"



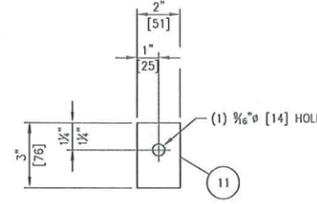
INLET DEFLECTOR END PLATE DETAIL
1. SCALE: 1"=1'-0"



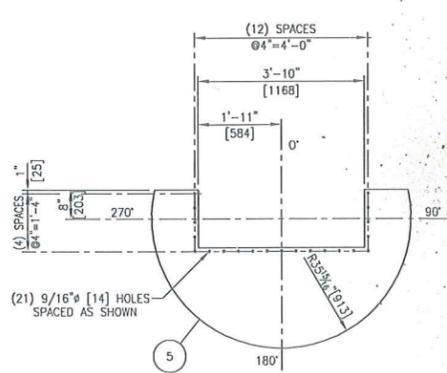
INLET DEFLECTOR SIDE PLATE DETAIL
1. SCALE: 1"=1'-0"



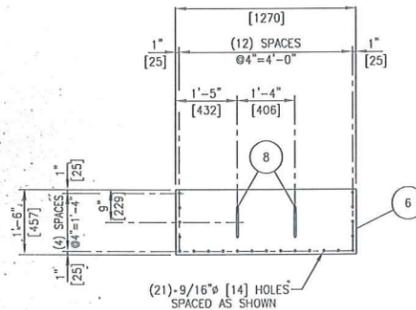
INLET DEFLECTOR CLIP DETAIL
1. SCALE: 3"=1'-0"



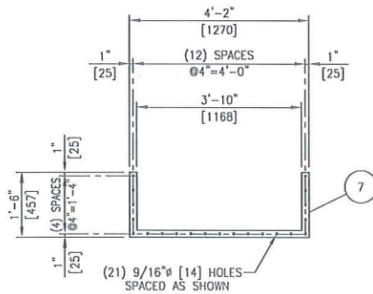
VORTEX BREAKER CLIP DETAIL
1. SCALE: 3"=1'-0"



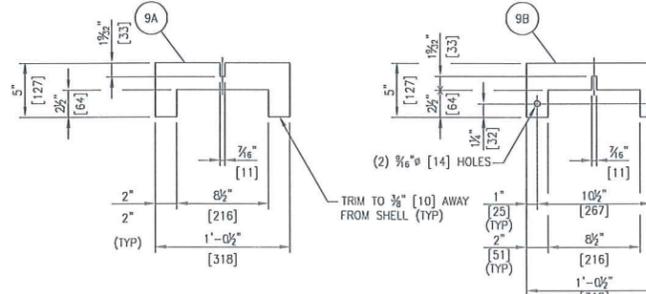
WEIR PLATE DETAIL
1. SCALE: 1/2"=1'-0"



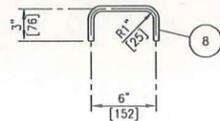
WEIR COVER PLATE DETAIL
1. SCALE: 1/2"=1'-0"



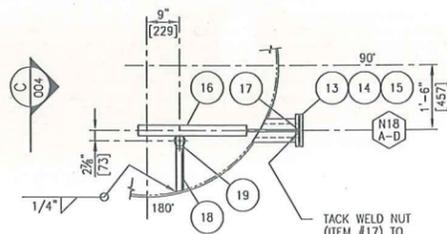
WEIR GASKET DETAIL
1. SCALE: 1/2"=1'-0"



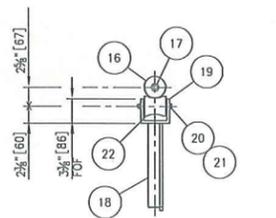
N3 VORTEX BREAKER DETAIL
1. SCALE: 1 1/2"=1'-0"



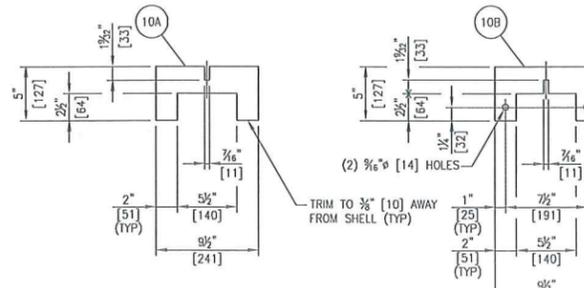
WEIR COVER PL HANDLE DETAIL
1. SCALE: 1 1/2"=1'-0"



ANODE SUPPORT DETAIL
1. SCALE: 1/2"=1'-0"



SECTION "C-C"
SCALE: 1"=1'-0"



N4 VORTEX BREAKER DETAIL
1. SCALE: 1 1/2"=1'-0"

NOTES

- BOLTING TO BE SA-193-88 AND SA-194-8 MATERIAL.
- GASKETS TO BE 1/8" THK LINEBACKER G10/TEFLON.
- FOR THE FOLLOWING WPS USE THE CORRESPONDING MATERIAL GROUPS:
SB-102/SB-103 FOR P1 TO P1
SB-107 FOR P8 TO P8
SB-108 FOR P8 TO P8
- SHOP NOTE: "S" DENOTES FAR SIDE.
- REFER TO DWG# 5B1088-08-DR-20-002 FOR NOZZLE SCHEDULE AND BOM.
- REFER TO DWG# 5B1088-08-DR-20-003 FOR COIL DETAILS.
- REFER TO DWG# 5B1088-08-DR-20-004 AND 005 FOR ADDITIONAL DETAILS.
- REFER TO DWG# 5B1088-08-DR-20-007 FOR VANE PACK DETAILS.
- REFER TO DWG# 5B1088-08-DR-20-010 TO 015 FOR COALESCER PACK DETAILS.

BILL OF MATERIALS

ITEM NO.	PART	DESCRIPTION	QTY	MATERIAL	WELD SYMBOL
1	INLET DEF BOTTOM PL	1'-0" x 3/8" PL x 1'-5 7/16" LG	1	SA-240-316	
2	INLET DEF END PL	5 1/2" x 3/8" PL x 1'-0" LG (SEE DETAIL)	1	SA-240-316	
3	INLET DEF SIDE PL	1'-0" x 3/8" PL x 1'-4" LG (SEE DETAIL)	2	SA-240-316	
4	INLET DEF CLIP	2" x 3/8" FB x 2 3/4" LG	4	SA-240-316	
5	WEIR	71 7/8" OD x 3/8" PL x 3'-7 15/16" LG (SEE DETAIL)	1	SA-240-316	
6	WEIR COVER PL	1'-6" x 3/8" PL x 4'-2" LG	1	SA-240-316	
7	WEIR GASKET	1'-6" x 1/8" THK x 4'-2" LG (SEE DETAIL)	1	NA-60	
8	WEIR COVER PL HANDLE	1/2" RB x 1'-1" LG (FORM)	2	SA-276	
9	N3 VORTEX BREAKER	5" x 3/8" PL x 1'-0 1/2" LG	2	SA-240-316	
10	N4 VORTEX BREAKER	5" x 3/8" PL x 9 1/2" LG	2	SA-240-316	
11	VORTEX BREAKER CLIP	2" x 3/8" FB x 3" LG	8	SA-240-316	
12	BOLTING	1/2" Ø x 1 3/4" LG CAPSCREW c/w (1) HEX NUT EACH	29	316 SS	
13	ANODE BLIND FLANGE	4" CL 150 RF ANODE FLG	4	SA-105N	
14	ANODE GASKET	4" CL 150 RF x 1/8" THK GASKET	4	NOTE #2	
15	ANODE BOLTING	5/8" Ø x 3 1/2" LG STUDS c/w (2) HEX NUTS EACH	32	NOTE #1	
16	ANODE	3" x 1'-10" LG ANODE	4	GALVALUME III	
17	ANODE SUPPORT	5/8" Ø HEX NUT	4	316 SS	
18	ANODE SUPPORT	2" x 2" x 3/8" ANGLE x 1'-0" LG	4	SA-276-316	
19	ANODE SUPPORT	2" x 3/8" PL x 11" LG (FORM CHANNEL)	4	SA-240-316	
20	ANODE SUPPORT	5/8" Ø x 6" LG CAPSCREW	4	316 SS	
21	ANODE SUPPORT	11/16" STAINLESS STEEL WASHERS	8	316 SS	
22	ANODE ROLLER	3" Ø STANDARD ANODE ROLLER	4	CEDAR	
23	ANODE INSULATION	ANODE INSULATION KIT	4		

REV. NO.	DESCRIPTION	BY	CHECKED	DATE
1	AS BUILT	TBB		24/09/13
0	ISSUED FOR CONSTRUCTION	AM		13/03/13
A	ISSUED FOR APPROVAL	TBB		21/02/13

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www.5Blue.com

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CUSTOMER	DEVON NEC CORPORATION		
CUSTOMER REF. NO.	RFP No. FC-1212496-M105	JOB NO.	5B1088-20
PROJECT	FERRIER CENTRAL PROCESSING FACILITY CENTRAL OIL BATTERY - SEPARATION & TREATMENT		

TITLE	FREE WATER KNOCK OUT VESSEL (001-V-01-1010) ADDITIONAL DETAILS
	72" ID x 24'-0" S/S x 150 PSIG @ 302°F 1829 mm ID x 7315 mm S/S x 1034 kPag @ 150°C

DRAWN	CHECKED	APPROVED	SCALE	DATE	DRAWING NUMBER	SHEET
TBB			AS SHOWN	15/01/13	5B1088-08-DR-20-004	008