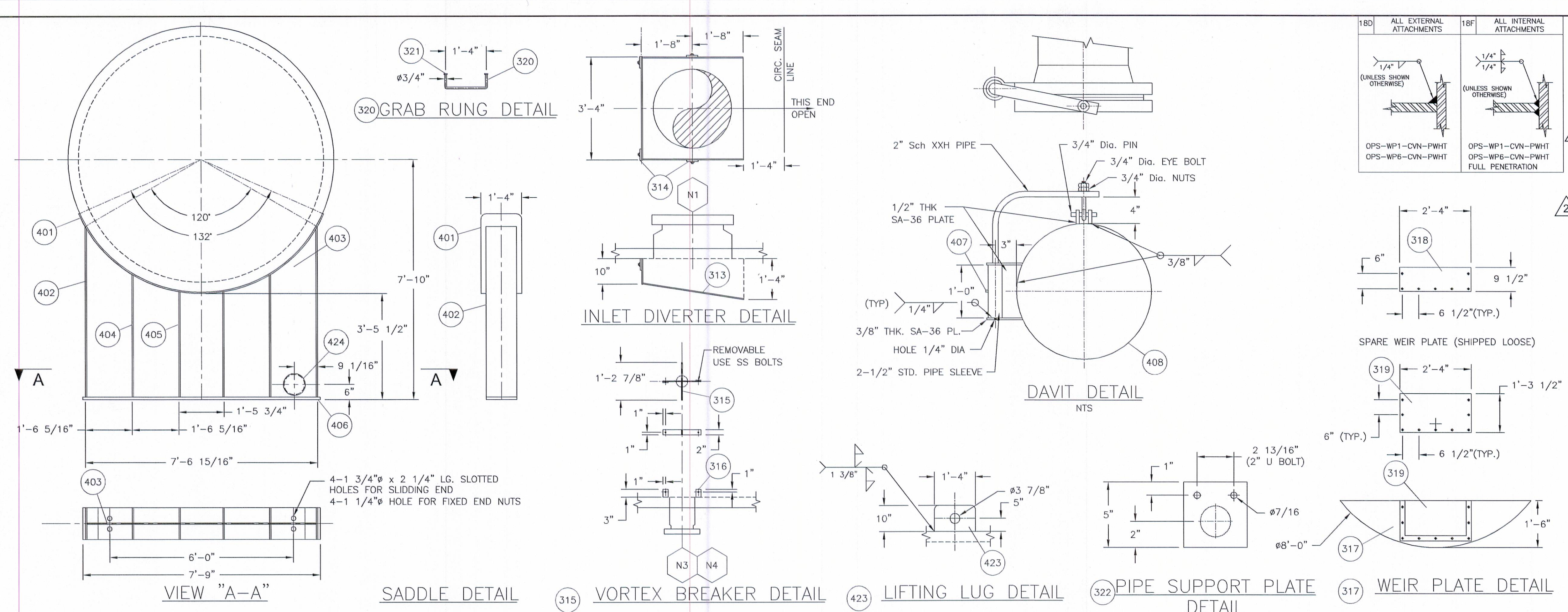
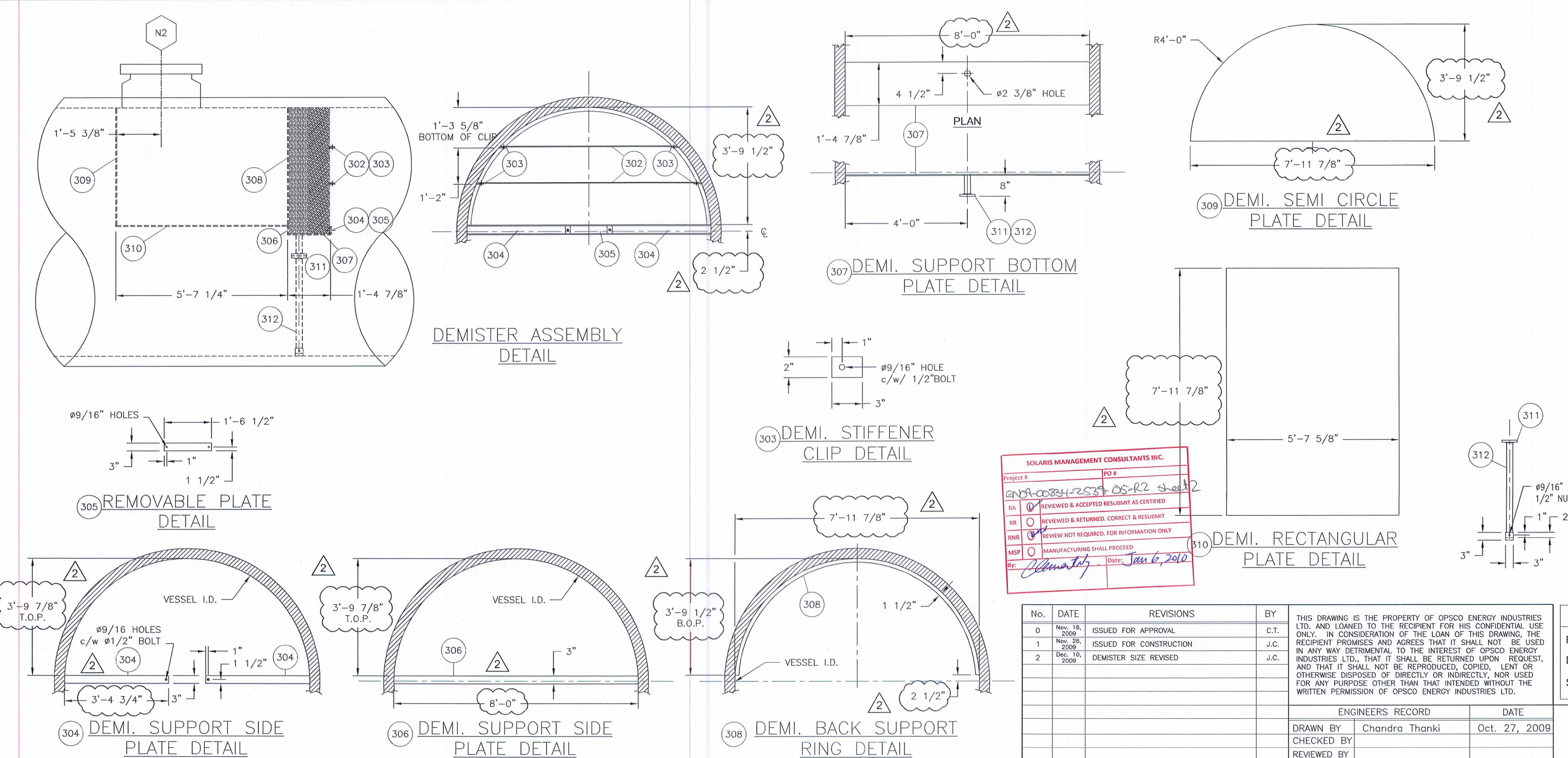




BILL OF MATERIAL									
ITEM	QTY.	SIZE	TYPE	RATING	SCH./W.T.	MAT'L SPEC	DESCRIPTION		
300. INTERNAL ASSEMBLIES									
301	1	95.38" WIDE x 42.5" LONG			16" THK.	316L SS	JONELL 110-62V7 MESH/VANE ASSEMBLY, 7 SECTIONS 16" THICK		
302	AS REQ'D	2"	FLATBAR		3/8"	SA-36	REMOVABLE DEMISTER STIFFENER		
303	4	3" x 2"	PLATE		3/8"	SA-516-70N	DEMISTER STIFFNER CLIP		
304	2	3'-4 3/4" x 3'	PLATE		3/8"	SA-516-70N	DEMISTER SUPPORT SIDE PLATE		
305	1	18 1/2" x 3'	PLATE		3/8"	SA-516-70N	REMOVABLE DEMISTER SUPPORT SIDE PLATE		
306	1	8'-0" x 3'	PLATE		3/8"	SA-516-70N	DEMISTER SUPPORT SIDE PLATE		
307	1	8'-0" x 3'-4 7/8"	PLATE		3/8"	SA-516-70N	DEMISTER SUPPORT BOTTOM PLATE c/w SLIP-ON FLANGE		
308	1	7'-11 7/8" x 3'-9 1/2"	PLATE		3/8"	SA-516-70N	1.5" WIDE DEMISTER BACK SUPPORT RING		
309	1	8'-0" O.D. x 3'-9 1/2" HIGH	PLATE		3/8"	SA-516-70N	DEMISTER SEMI CIRCLE PLATE		
310	1	7'-11 7/8" x 3'-5'-7 5/8"	PLATE		3/8"	SA-516-70N	DEMISTER RECTANGULAR PLATE		
311	2	2"	RFSO	CL150		SA-350-LF2 CL.1	SLIP-ON FLANGE		
312	AS REQ'D.	2"	PIPE		STD.	SA-333-GR6	SEAMLESS PIPE		
313	AS REQ'D	3/8" THK	PLATE			SA-36	INLET DIVERTER (REMOVABLE)		
314	4	2" x 2" x 3/8" THK	PLATE			SA-516-70N	INLET DIVERTER CLIPS		
315	AS REQ'D	3/8" THK	PLATE			SA-36	VORTEX BREAKER		
316	4	2" x 2 1/2" x 3/8" THK	PLATE			SA-516-70N	VORTEX BREAKER CLIPS		
317	1	3/8" THK	PLATE			SA-516-70N	FIXED WEIR PLATE (SEE DETAIL)		
318	1	3/8" THK	PLATE			SA-36	REMOVABLE WEIR PLATE (SHIP LOOSE)		
319	1	3/8" THK	PLATE			SA-36	REMOVABLE WEIR PLATE (SEE DETAIL)		
320	2	3/4" ø	BAR			SA-36	3/4" ø MANWAY GRAB RUNG		
321	4	1 1/2" OD.	PLATE		3/8"	SA-516-70N	MANWAY GRAB PAD (SEE DETAIL)		
322	8	1/2" THK	PLATE			SA-36	5"x5"x1/2" THK. PLATE (SEE DETAIL)		
323	1	3/8" THK	PLATE			SA-36	3" x 2" PIPE SUPPORT PLATE		
324	1	3/8" THK	PLATE			SA-516-70N	3" x 3" PIPE SUPPORT PLATE		
400. EXTERNAL ASSEMBLIES									
401	2	1/2" THK	ROLLED HOLE,			SA-516-70N	SADDLE WEAR PLATE C/W 1/4" NPT WEEP HOLE, 16" WIDE x 121" LONG		
402	4	1/2" THK	PLATE			SA-36	SADDLE SIDE PLATE 12" WIDE x 5'-6 3/4" LONG		
403	2	1/2" THK	PLATE			SA-36	SADDLE WEB PLATE 5'-5 7/8" WIDE x 7'-6 15/16" LONG		
404	8	1/2" THK	PLATE			SA-36	SADDLE STIFFENING RIBS 5 3/4" WIDE x 4'-0 1/16" LONG		
405	8	1/2" THK	PLATE			SA-36	SADDLE STIFFENING RIBS 5 3/4" WIDE x 3'-5 1/4" LONG		
406	2	1" THK	PLATE			SA-36	SADDLE BASE PLATE 12" WIDE x 7'-9" LONG		
407	1	1/8" NPS					DOCAP GREASE NIPPLE		
408	1	24"	RF	CL600		SA-350-LF2 CL.1	BLIND FLANGE		
409	1	24"		CL600		316 SS	RF GASKET		
410	1 SET	1 7/8" x 13" LG. STUDS				SA-193-B7M SA-194-2HM	STUDS (24 Nos.) & NUTS (48 Nos.)		
411	1	6"	RF	CL600		SA-350-LF2 CL.1	BLIND FLANGE		
412	1	6"		CL600		316 SS	RF GASKET		
413	1 SET	1" x 6 3/4" LG. STUDS				SA-193-B7M SA-194-2HM	STUDS (12 Nos.) & NUTS (24 Nos.)		
414	3	3"	RF	CL600		SA-350-LF2 CL.1	BLIND FLANGE		
415	3	3"		CL600		316 SS	RF GASKET		
416	3 SETS	3/4" x 5" LG. STUDS				SA-193-B7M SA-194-2HM	STUDS (8 Nos.) & NUTS (16 Nos.)		
417	4	2"	RF	CL600		SA-350-LF2 CL.1	BLIND FLANGE		
418	4	2"	RF	CL600		SA-350-LF2 CL.1	BLIND FLANGE C/W 1" SCH.160 SW		
419	2	2"	RF	CL600		SA-350-LF2 CL.1	BLIND FLANGE C/W 3/4" D&T		
420	1	2"	RF	CL600		SA-350-LF2 CL.1	BLIND FLANGE C/W 1/2" D&T		
421	15	2"		CL600		316 SS	RF GASKET		
422	15 SET	5/8" x 4 1/4" LG. STUDS				SA-193-B7M SA-194-2HM	STUDS (8 Nos.) & NUTS (16 Nos.)		
423	2	16" x 10"	PLATE		2"	SA-516-70N	LIFTING LUG		
424	1	8"	PIPE		40	SA-333-GR6	REINFORCING PIPE, 2" LONG		
425	1	6" x 4"				SA-36	NAMEPLATE BRACKET		



SOLARIS MANAGEMENT CONSULTANTS INC.			
Project #	PO #	Rev #	Rev #
ENR-0084-2535-05-R2	05-R2	05-R2	05-R2
RA	☒	REVIEWED & ACCEPTED RESUBMIT AS CERTIFIED	
RR	☐	REVIEWED & RETURNED, CORRECT & RESUBMIT	
RNR	☒	REVIEW NOT REQUIRED, FOR INFORMATION ONLY	
MSP	☐	MANUFACTURING SHALL PROCEED	
By:	Date:		
Chandra Thanki	Jan 6, 2010		

No.	DATE	REVISIONS	BY
0	Nov. 18, 2009	ISSUED FOR APPROVAL	C.T.
1	Nov. 26, 2009	ISSUED FOR CONSTRUCTION	J.C.
2	Dec. 10, 2009	DEMISTER SIZE REVISED	J.C.

THIS DRAWING IS THE PROPERTY OF OPSCO ENERGY INDUSTRIES LTD. AND LOANED TO THE RECIPIENT FOR HIS CONFIDENTIAL USE ONLY. IN CONSIDERATION OF THE LOAN OF THIS DRAWING, THE RECIPIENT PROMISES AND AGREES THAT IT SHALL NOT BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF OPSCO ENERGY INDUSTRIES LTD., THAT IT SHALL BE RETURNED UPON REQUEST, AND THAT IT SHALL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY PURPOSE OTHER THAN THAT INTENDED WITHOUT THE WRITTEN PERMISSION OF OPSCO ENERGY INDUSTRIES LTD.

ENGINEERS RECORD		DATE
DRAWN BY	Chandra Thanki	Oct. 27, 2009
CHECKED BY		
REVIEWED BY		
APPROVED BY		
O.C. APPD.		

DWG. RELEASE

FABRICATION COPY NO: ___ OF ___

DATE: _____

SIGNED: _____

SPECIAL MATERIAL CONSULT QC/SPECS

COLOUR CODE: WHITE

NO FCAW

ENSGN
Opsco Manufacturing

CLIENT: ENCANA CORPORATION
C/O SOLARIS MANAGEMENT CONSULTANTS INC.

PROJECT: 96" I.D. X 28'-0" S/S INLET 2-PHASE SEPARATOR PACKAGE (M-120)
ETSHO COMPRESSOR STATION
LSD: c-67-K / 94-0-8

TITLE: HORIZONTAL SEPARATOR ASSEMBLY DETAILS

Scale: 1":24"

JOB No. MFG02-0497-01

DWG. No. V-02-0497-01-002

REV. 2