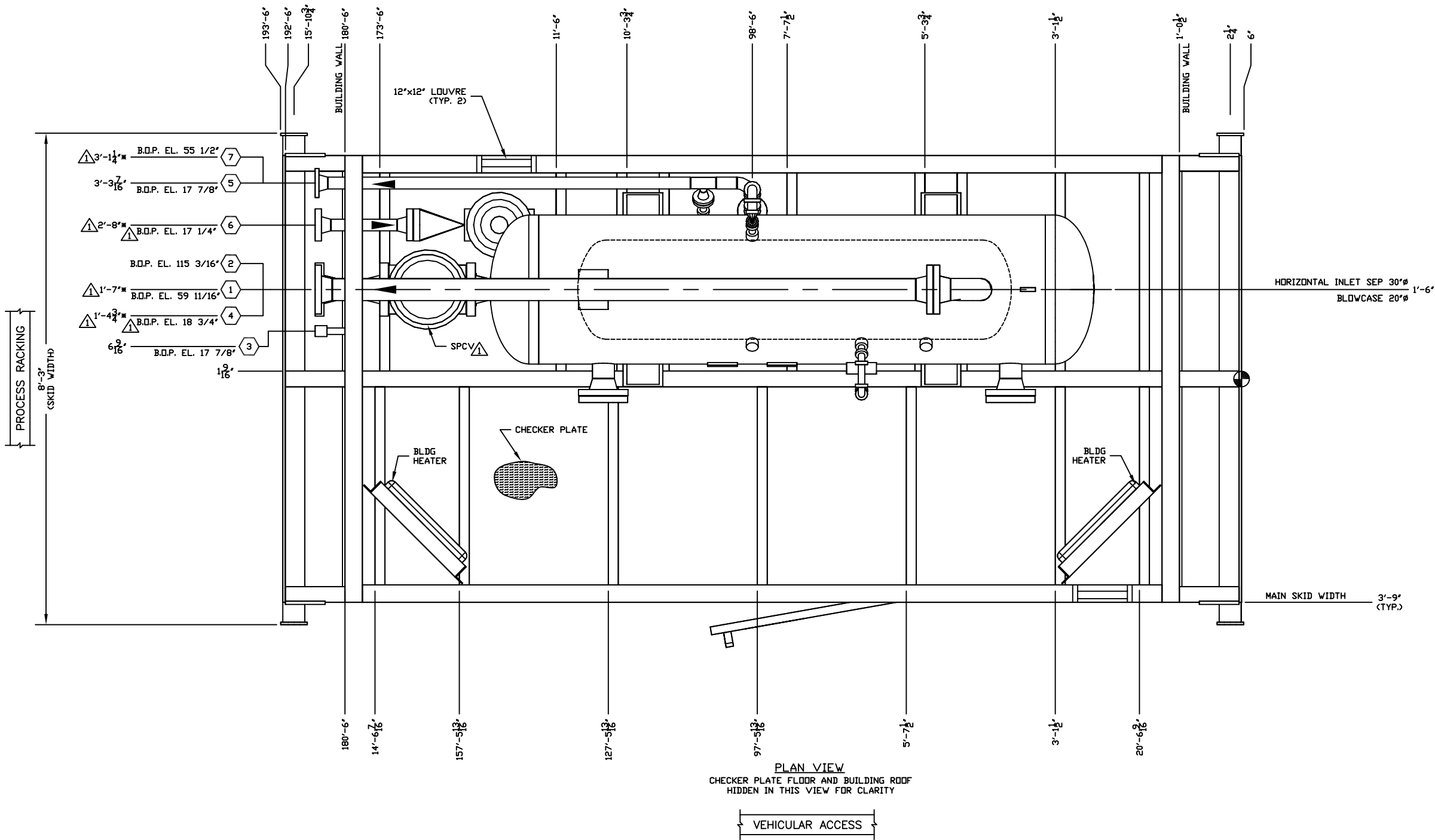




NOZZLE SCHEDULE				
MARK	SERVICE	SIZE	RATING	TYPE
1	UNIT INLET	4"	600#	RFWN
2	UNIT OUTLET	4"	300#	RFWN
3	HYDROCARBON DRAIN	1"	3000#	FNPT
4	BLOWCASE OUTLET	2"	600#	RFWN
5	INSTRUMENT GAS SUPPLY	1"	3000#	FNPT
6	BLOWCASE HIGH PRESSURE SUPPLY	2"	600#	RFWN
7	HIGH PRESSURE VENT HEADER	2"	150#	RFWN
8	-	-	-	-
9	-	-	-	-
10	-	-	-	-

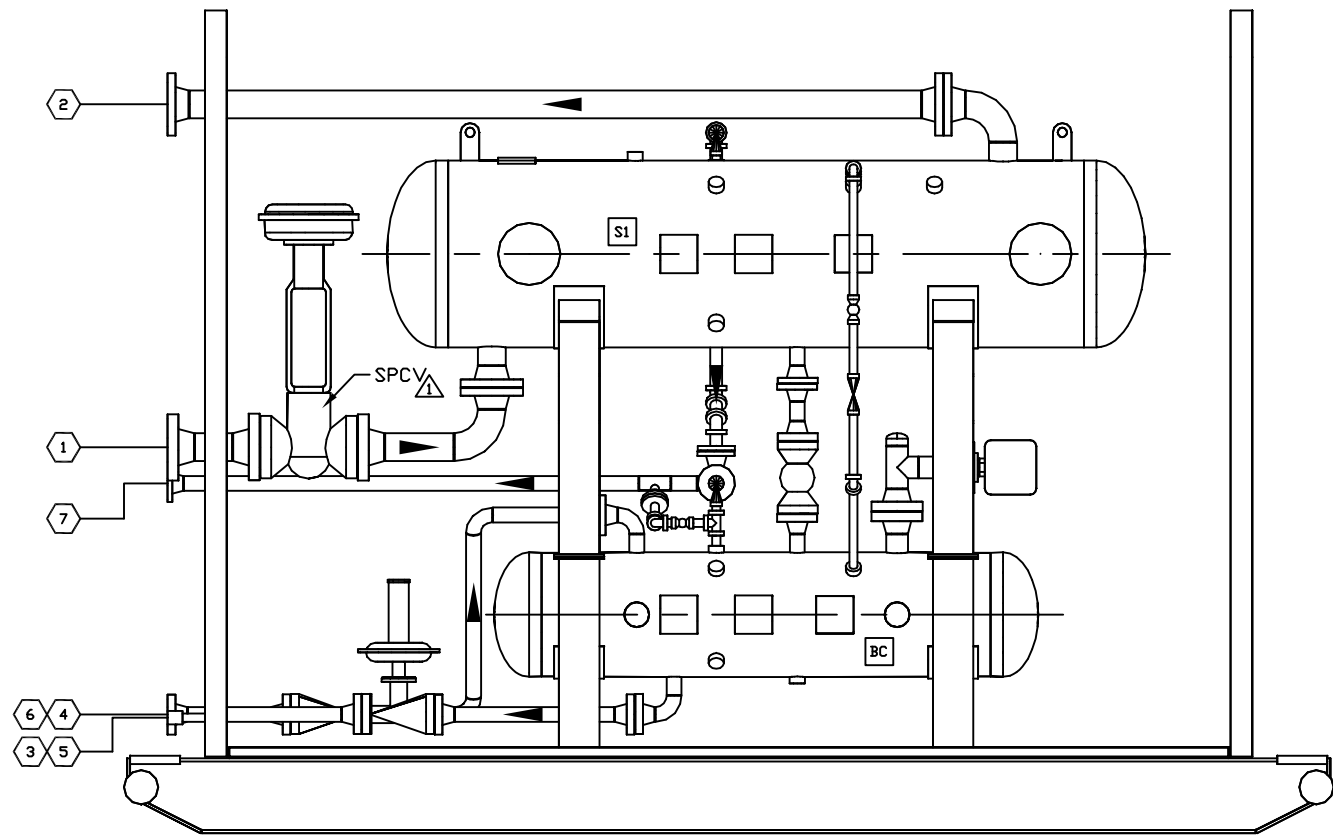
GENERAL SPECIFICATIONS	
OVERALL PACKAGE LENGTH	16'-1 1/2"
OVERALL PACKAGE WIDTH (c/w BLDG.)	8'-3"
OVERALL PACKAGE HEIGHT	11'-5" (EST.)
OVERALL PACKAGE WEIGHT (LBS)	15,000 LBS
SEAL PAN	☒ FLAT ☐ NONE ☐ SLOPED
LOADING METHOD	☒ LIVE ROLL ☒ CRANE ☐ JACK & ROLL
NOTES:	
1. ALL (Z) DIMENSIONS TAKEN FROM BOTTOM OF SKID.	
2. ALL OTHER NOTES FOUND ON DWG. #PFLOW.	
3. ALL SKID EDGE CONNECTIONS ±1/8" TOLERANCE.	
4. Ⓞ ALL TAIL DIMENSIONS FROM REFERENCE POINT.	
5. ALL PROCESS & UTILITY PIPE, TUBING & CONDUIT MOUNTED ABOVE CHECKER PLATE DECKING - OPTIMIZE LAYOUT OT AVOID TRIPPING HAZARDS.	

NOTE: DIMENSIONS FOLLOWED BY "*" ARE
OVERWRITTEN FOR AS-BUILT PURPOSES

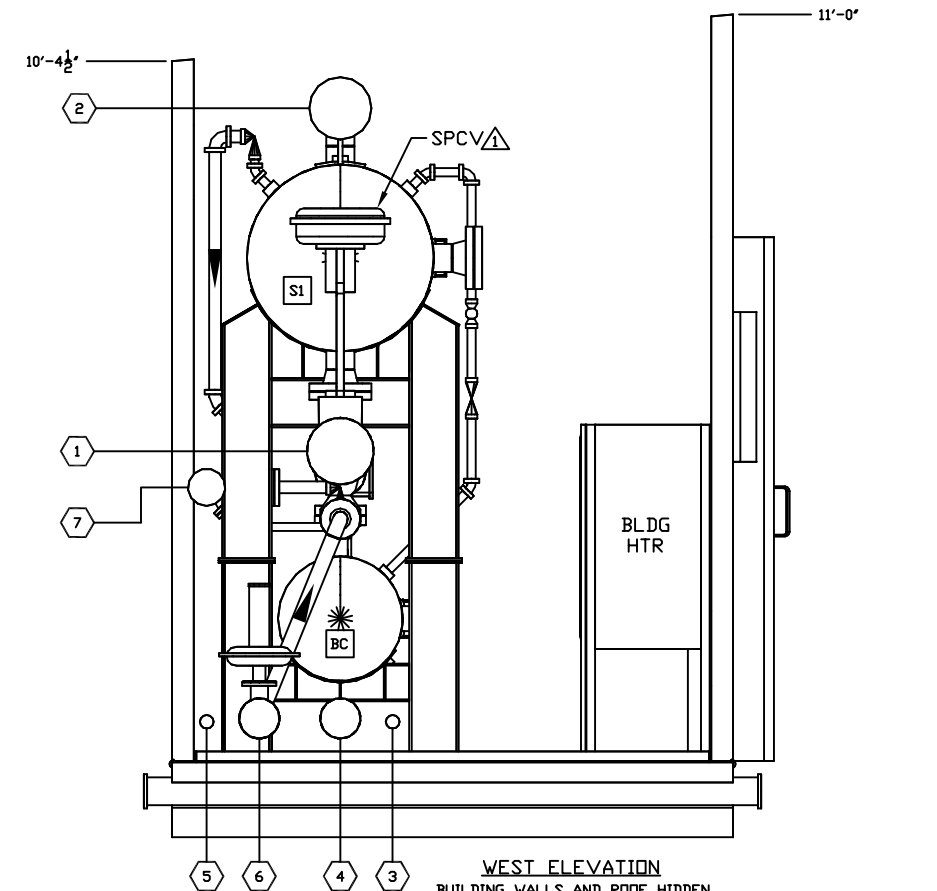
REV.	DESCRIPTION	DATE	BY	APPR.	DATE
3	RENTED TO PETROBANK ENERGY & RESOURCES LTD.	03/05/09	TD		
2	ISSUED FOR INFORMATION	02/23/09	TD		
1	AS-BUILT	09/26/06	MJG		
0	ISSUED FOR CONSTRUCTION	06/30/06	MJG		

ENGINEER STAMP

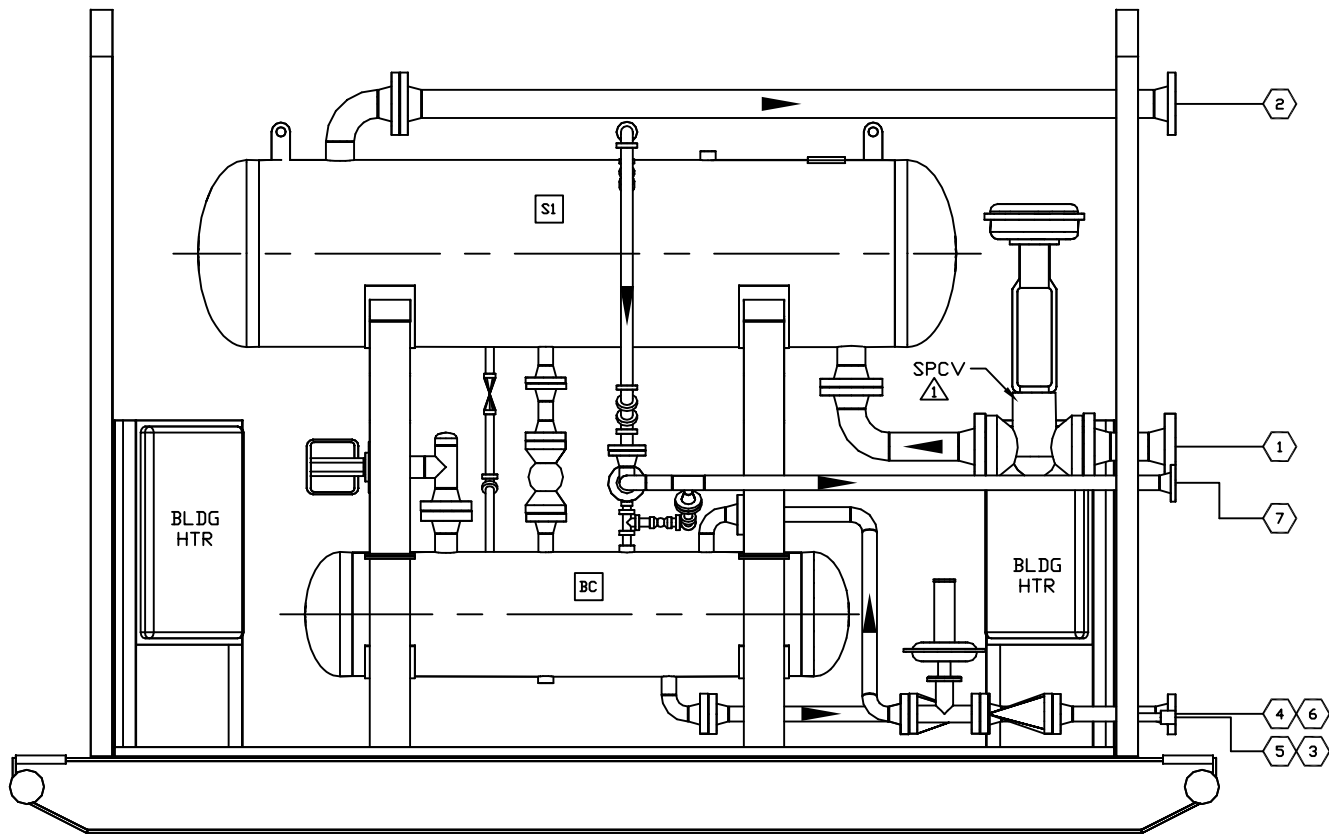
TOROMONT ENERGY SYSTEMS		TITLE: PLAN VIEW - GENERAL ARRANGMENT	
DRAWN BY: MJG	DATE: 06/30/06	FOR: TOROMONT ENERGY SYSTEMS STOCK UNIT	
CHKD. BY:	SCALE: 1"=1'-0"		
APPR. BY:	W.D. No: 31321		
CUST. PO No:	INV. No: 31321-GA	SHEET No: 1 OF 1	REV: 3



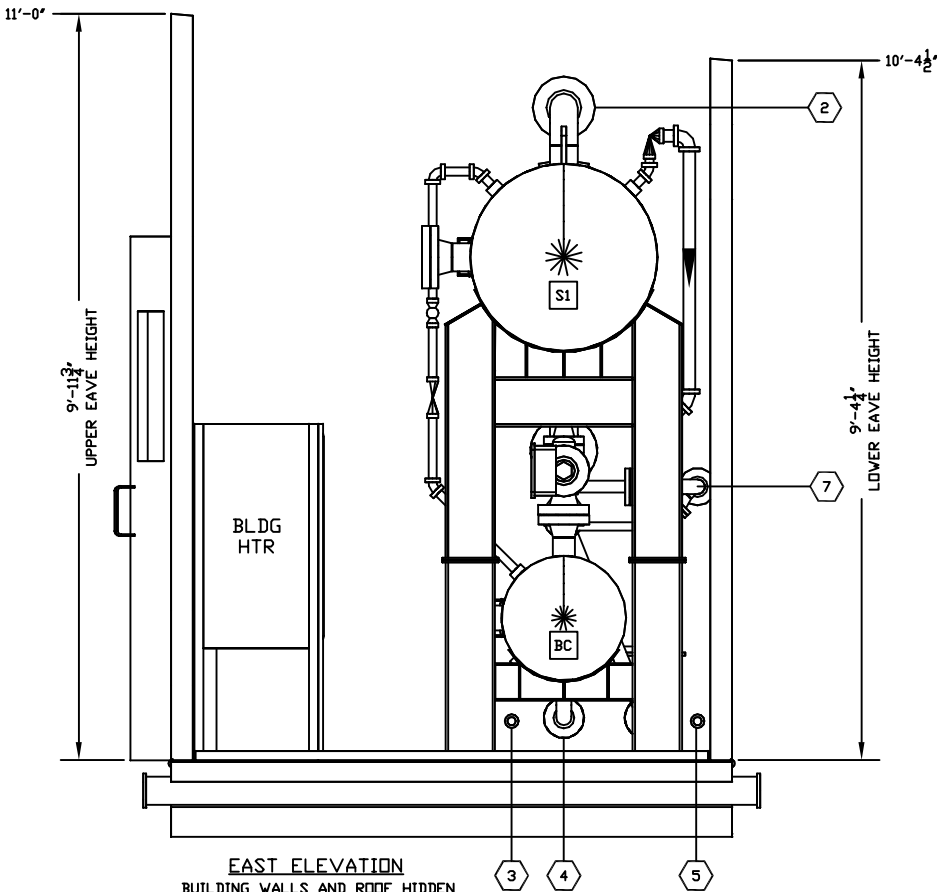
SOUTH ELEVATION
BUILDING WALLS, ROOF AND HEATERS
HIDDEN IN THIS VIEW FOR CLARITY



WEST ELEVATION
BUILDING WALLS AND ROOF HIDDEN
IN THIS VIEW FOR CLARITY



NORTH ELEVATION
BUILDING WALLS AND ROOF HIDDEN
IN THIS VIEW FOR CLARITY



EAST ELEVATION
BUILDING WALLS AND ROOF HIDDEN
IN THIS VIEW FOR CLARITY

1	AS-BUILT	09/26/06	MJG		
0	ISSUED FOR CONSTRUCTION	06/30/06	MJG		
REV.	DESCRIPTION	DATE	BY	APPR.	DATE

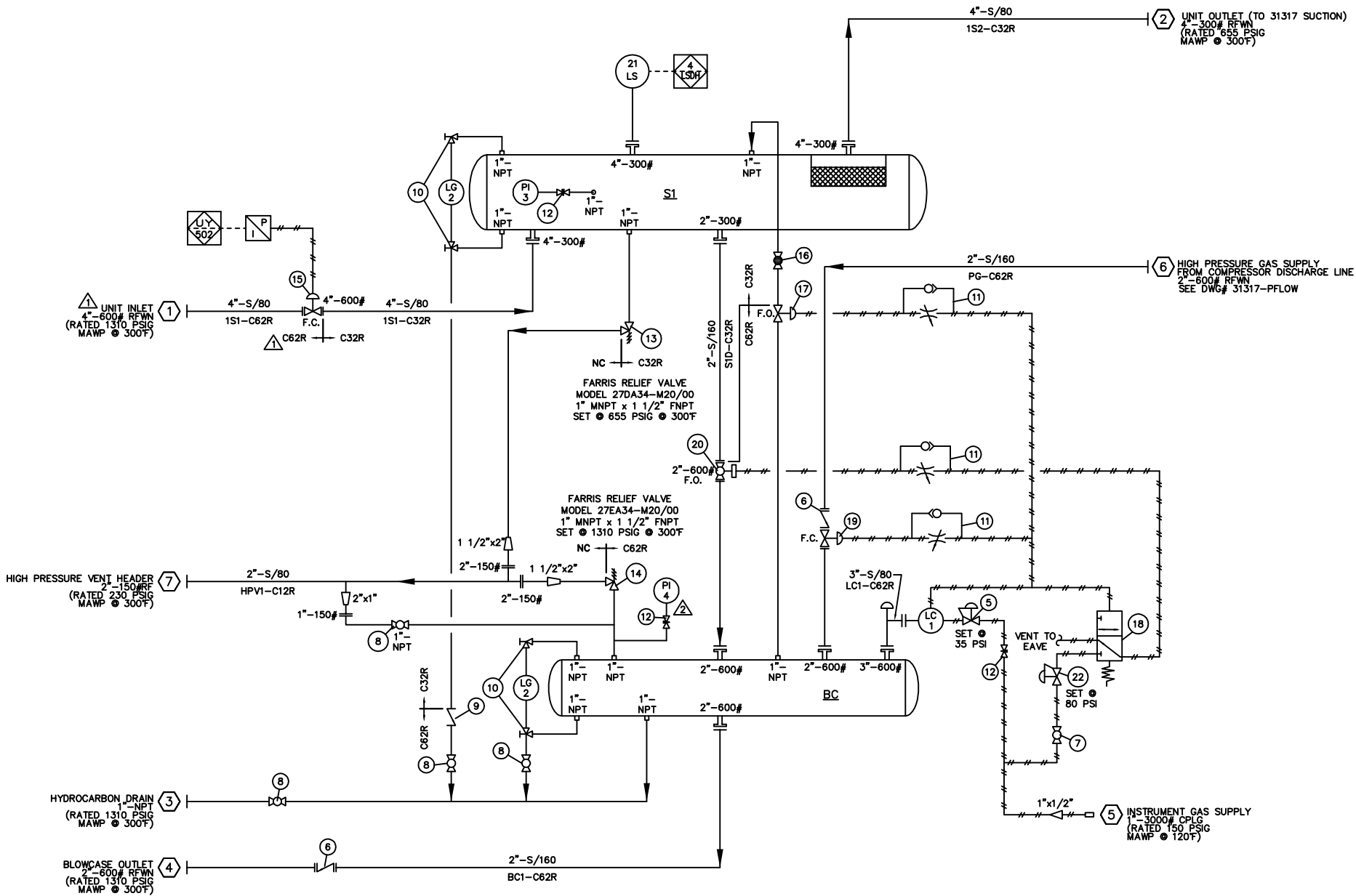
ENGINEER STAMP

TOROMONT ENERGY SYSTEMS	
DRAWN BY: MJG	DATE: 06/30/06
CHKD. BY:	SCALE: 3/4"=1'-0"
APPR. BY:	W.D. No: 31321
CUST. PO No:	

TITLE: ELEVATIONS	
FOR: TOROMONT ENERGY RENTALS KERECO ENERGY LTD. VALHALLA COMPRESSOR LSD: 16-04-76-11 W6M	
DWG. No: 31321-ELEVATIONS	SHEET No: REV: 1 OF 1 1

S1
HORIZONTAL INLET SEPARATOR
30" x 102" S/S
655 PSIG MAWP @ 300°F
CORR. ALLOW. 1/8"
S/N 31321S1

BC
BLOWCASE
20" x 72" S/S
1310 PSIG MAWP @ 300°F
CORR. ALLOW. 1/8"
S/N 31321BC



TOROMONT ENERGY SYSTEMS INC.
ISSUED FOR INFORMATION
PER _____

MATERIAL SPECIFICATIONS

PAINT: OVERALL UNIT: VALSPAR 20-F-34 "WARM GREY".

PRIMER: COMMERCIAL IRON OXIDE NON-LIFTING PRIMER.

PROCESS PIPING: 100% X-RAY, 1/8" CORROSION ALLOWANCE, PICKLE & OIL AFTER PWHT.

VESSELS: 100% X-RAY, 1/8" CORROSION ALLOWANCE, PICKLE & OIL AFTER PWHT.

BILL OF MATERIALS: ON SEPARATE SHEET PROVIDED WITH DRAWING.

TUBING SERVICES

SOUR: PROCESS 316 (SS) 316 (SS)
UTILITY -CONTACTING PROCESS 316 (SS) 316 (SS)
INSTRUMENT 304 (SS) ZINC PLATED (S)
FRAME INTERNALS 316 (SS) 316 (SS)

NOTES

NOTE #1: SPACER PLATES ARE PROVIDED FOR FUTURE INSTALLATION OF ORIFICE PLATES (IF REQUIRED).

NOTE #2: ALL THREADED PIPING ON SCRUBBERS IS SCH. XXH.

NOTE #3: VESSELS REGISTERED IN AB & BC & SK

NOTE #4: BOLTING ON ALL PROCESS FLANGE CONNECTIONS IS: SA-193-B7M STUDS, SA-194-2HM NUTS & 316ss GASKETS.

NOTE #5: -

NOTE #6: -

GENERAL INFORMATION

SEE UNIT #31317 FOR COMPRESSOR INFORMATION

LEGEND

————— PROCESS LINES

————— FUEL GAS, START GAS, DRAIN AND VENT LINES

- - - - - PNEUMATIC TUBING

----- ELECTRICAL WIRING

- x - x - CAPILLARY

○ SPACER

○● SPECTICAL BLIND

▲ SCREEN (CONE STRAINER)

⬡-⬡ PANEL CONNECTION - ELECTRIC

⬡-⬡ PANEL CONNECTION - PNEUMATIC

⬡ PANEL ALARM/SHUTDOWN

◇ ENGINE CONNECTION

○ LOCAL MOUNTED INSTRUMENT

◻ PANEL MOUNTED INSTRUMENT

⬡ PNEUMATIC TO CURRENT

NOTE: <5% SOUR PROCESS GAS

5	RENTED TO PETROBANK ENERGY & RESOURCES LTD.	03/05/09	TD
4	ISSUED FOR INFORMATION	02/23/09	TD
3	AS BUILT	09/18/06	GG
2	REVISED BLOWCASE PI LOCATION	06/30/06	MJG
1	CHANGED AS PER CUSTOMER MARK-UP	06/30/06	MJG
0	ISSUED FOR CONSTRUCTION	06/16/06	MJG
No.	REVISION	DATE	BY
TOROMONT TOROMONT ENERGY SYSTEMS 10121 - BARLOW TRAIL N.E. CALGARY ALBERTA CANADA			
TITLE: PROCESS FLOW DIAGRAM SEPARATOR/BLOWCASE UNIT		CUSTOMER: TOROMONT ENERGY SYSTEMS INC. STOCK UNIT	
SCALE: NONE	DATE: 05/26/06	BY: MJG	DATE RELEASED: RELEASED BY:
STEP # 453	UNIT # 31321	DRAWING NO.: 31321-PFLOW	REV. 5