

F-110/120
WATER FITLER

BASKET STRAINER
MODEL: BT1500R
MAKE: ALFA-STRAINER
SIZE: 6" 150#
TEMP: -20 TO 100 F
WORKING PRESSURE: 285 PSI

F-100
WATER FITLER

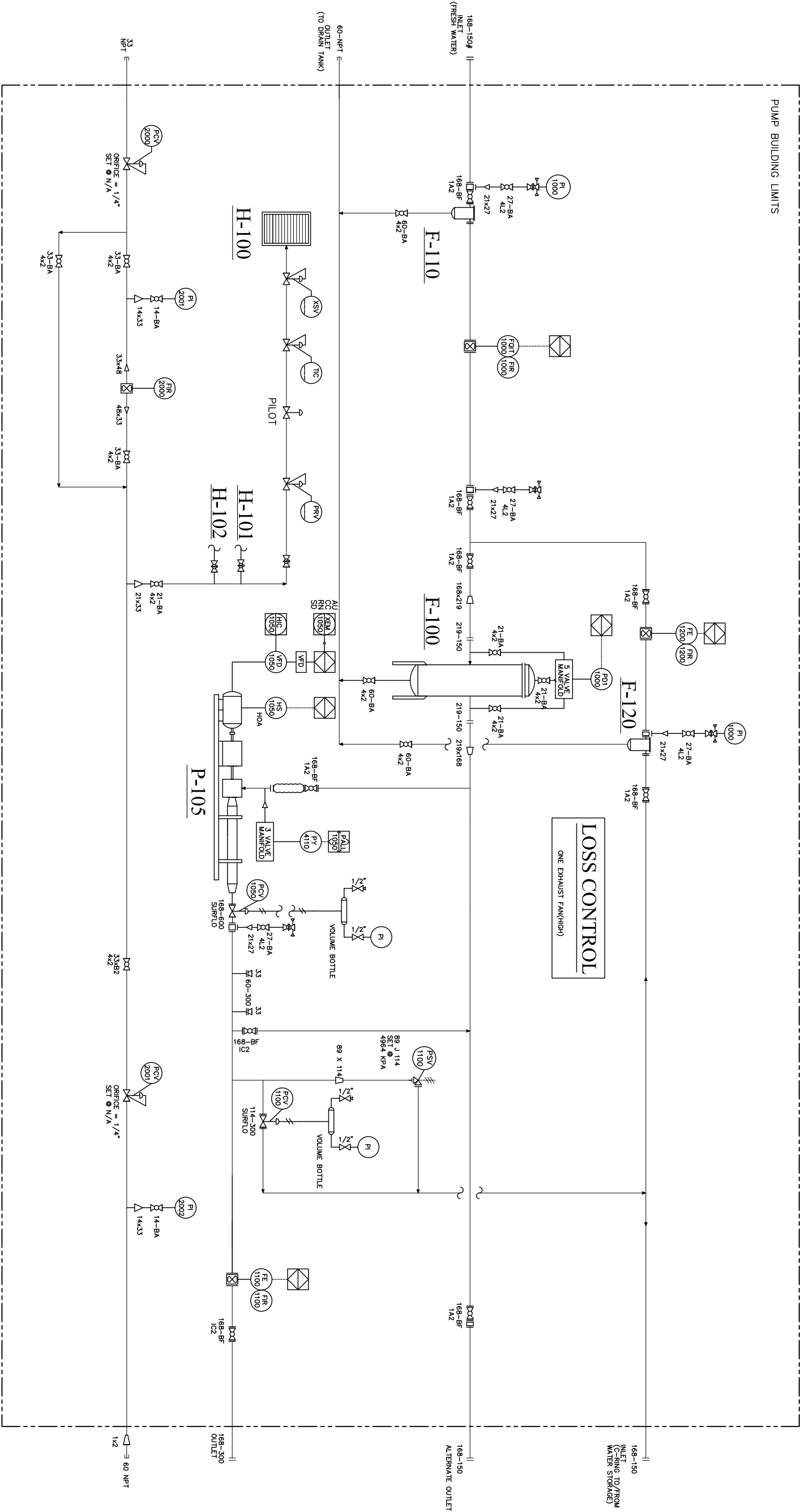
FILTER VESSEL
MODEL: LTD38-8F-1812-150
MAKE: ALFA-STRAINER
SIZE: 18 BAG (SIZE 2)
MAWP: 150 PSI @ 250 F
CRN:B,C

H-100 TO 102
BUILDING HEATER

MFG: CATADYNE
MDL: WX24 x 24
DUTY: 22,000 BTU/HR (EACH)

P-105
HORIZONTAL MULTISTAGE INJECTION PUMP

MFG: CANADIAN ADVANCED SUBMERSIBLE PUMPS
MDL: SERIES 875 CIR24000-85TGH&B
VARIABLE FREQUENCY DRIVE
CAP: NA
SN: 101875
DRIVER: 300 HP @ 3584 RPH



REV	DATE	REVISION DESCRIPTION	DESIGNED	DATE	DRAWN	DATE
1			JJD	12/10/12	DSW	16/10/12
2			JJD	12/10/12	JJD	16/10/12
3			JJD	12/10/12	JJD	16/10/12
4			JJD	12/10/12	JJD	16/10/12

PROJECT		BGW PROJECT	
# 1046 A & B			

APPROVED	DATE	CHECKED	DATE
JJD	12/10/12	JJD	16/10/12

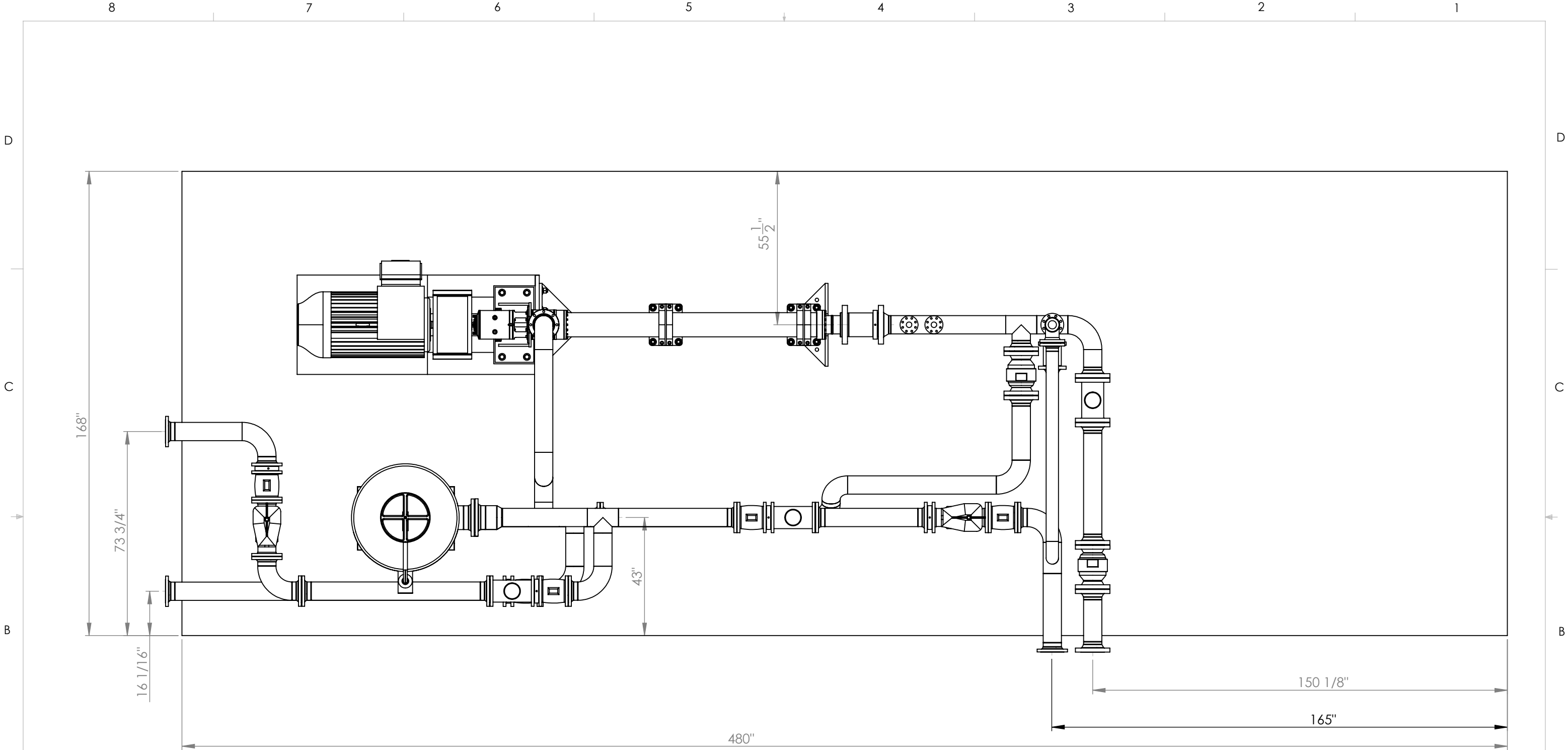
SCALE	COMPUTER FILE #	DRAWING CONTROL #	REV
NA	PROGRESSIVE_ENERGY.DWG	CONTROL	1



PROGRESS ENERGY
WATER INJECTION PACKAGE SKID
PIPING AND INSTRUMENTATION DIAGRAM



BRENT GEDAK WELDING LTD.



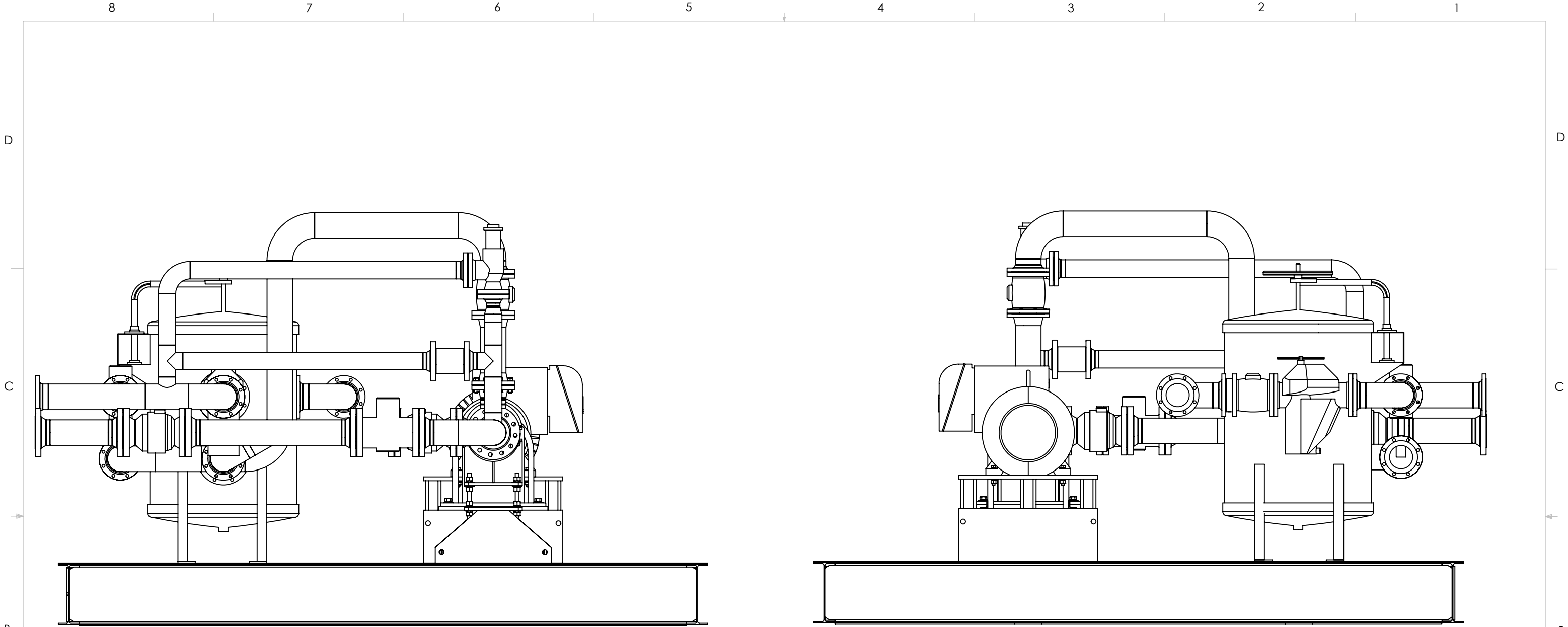
TOP VIEW
SCALE 1:35



126 LAMORO DRIVE
ESTEVAN SASKATCHEWAN
PHONE NO:306-634-5150
FAX NO: 306-634-5148
VISIT:www.BrentGedakWelding.com

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		DIMENSIONS ARE IN INCHES	DRAWN	DSW	15/10/12	TITLE: PROGRESS ENERGY		
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE B		
		INTERPRET GEOMETRIC TOLERANCING PER:						DWG. NO. 14 x 40 Piping Assembly
		MATERIAL						
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING	SCALE: 1:100WEIGHT: SHEET 1 OF 5					



FRONT ELEVATION
SCALE 1:35

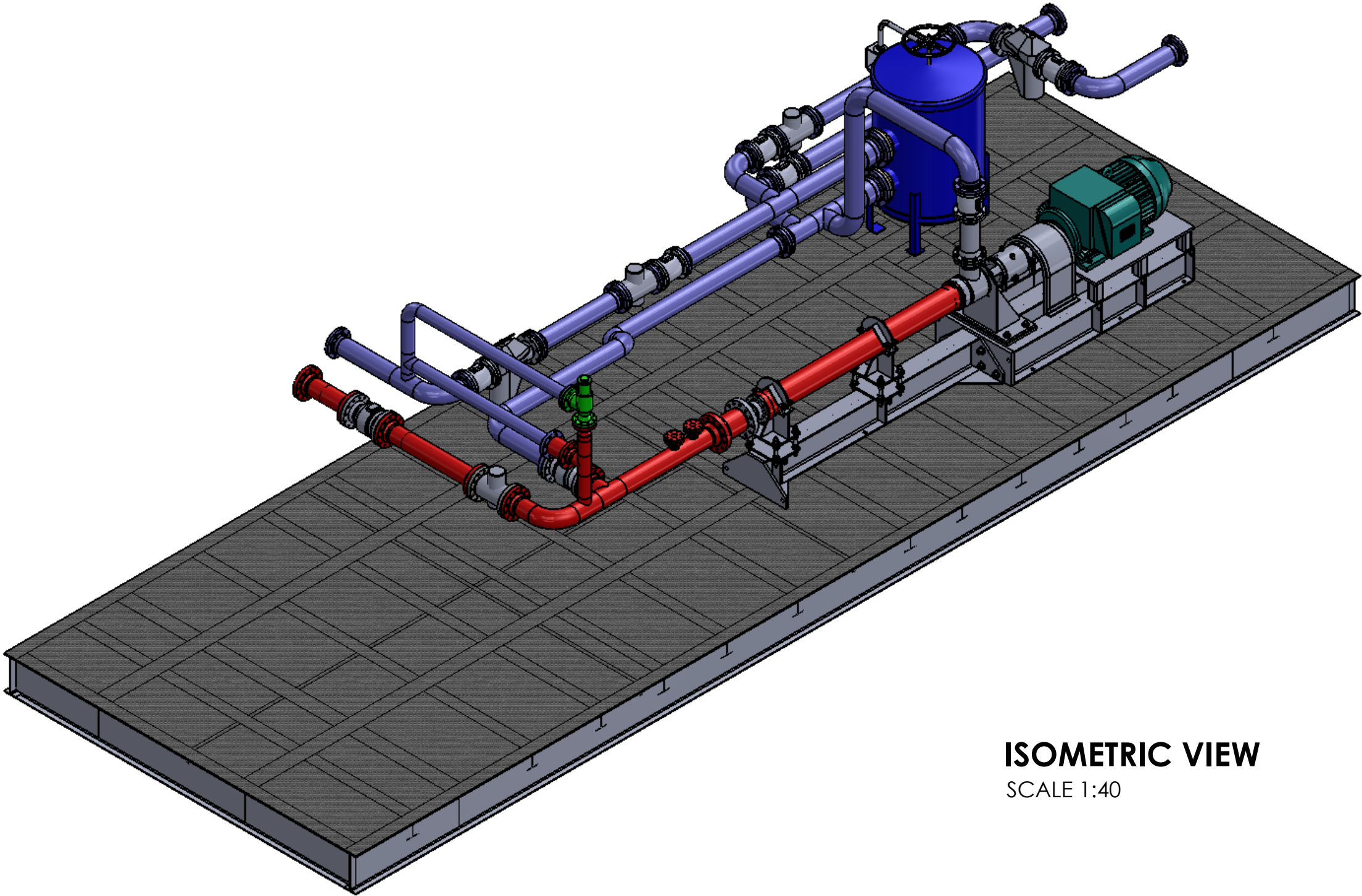
REAR ELEVATION
SCALE 1:35



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		TOLERANCES:	CHECKED				
		FRACTIONAL ±	ENG APPR.				
		ANGULAR: MACH ± BEND ±	MFG APPR.				
		TWO PLACE DECIMAL ±	Q.A.				
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE DWG. NO. REV B 14 x 40 Piping Assembly	
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL				SCALE: 1:100 WEIGHT: SHEET 4 OF 5	
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING					



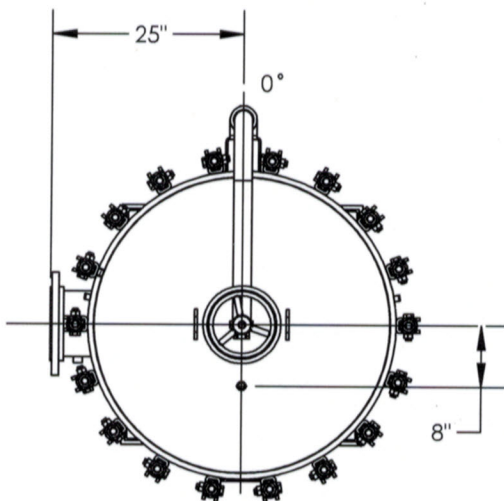
ISOMETRIC VIEW
SCALE 1:40



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		TOLERANCES:	CHECKED				
		FRACTIONAL ±	ENG APPR.				
		ANGULAR: MACH ± BEND ±	MFG APPR.				
		TWO PLACE DECIMAL ±	Q.A.				
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE DWG. NO. REV B 14 x 40 Piping Assembly	
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL					
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING	SCALE: 1:40 WEIGHT: SHEET 5 OF 5				



NOZZLE SCHEDULE			
MARK	QTY	SIZE / RATING	DESCRIPTION
N1	1	8" 150# RFSSO	INLET
N2	1	8" 150# RFSSO	OUTLET
N3	2	1/2" 3000# NPT	PRESS GA
N4	1	1/2" 3000# NPT	VENT
N5	1	2" 3000# NPT	CLEAN DRAIN
N6	1	1/2" 3000# NPT	DIRTY DRAIN

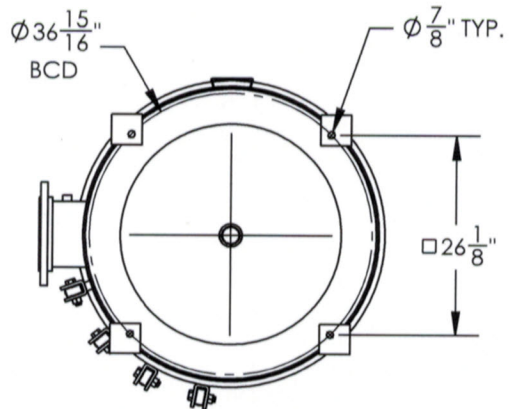
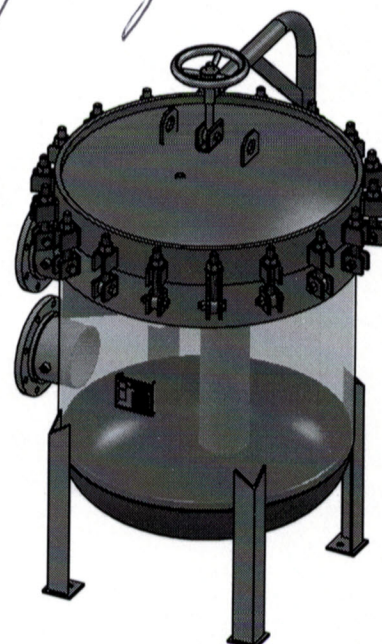
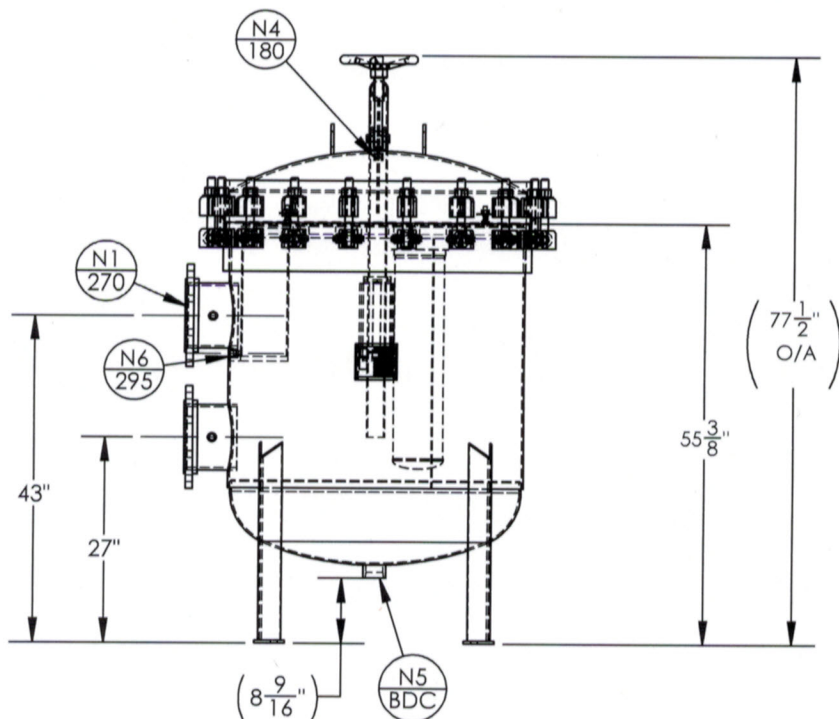
VESSEL DESIGN CONDITIONS	
CODE: ASME SECTION VIII DIV. 1, 2010 EDITION, 2011 ADDENDA	
M.A.W.P.: 150 PSI @ 250°F	M.D.M.T.: -20° F @ 150 PSI
M.A.E.P.: 15 PSI @ 250°F	
CORROSION ALLOWANCE: NONE	HYDROTEST PRESS: 195 PSI
STAMP: U/CRN	SERVICE: SWEET
PWHT: N/A	RADIOGRAPHY: N/A
MATERIAL: SA516-70	GASKET: BUNA-N

NOTES:
 DRY WEIGHT: 1471.84LBS.
 SHIPPING WEIGHT: 1250 LBS.
 FLOODED WEIGHT: 2950 LBS.
 VESSEL VOLUME: 27.4 FT³

B.C.
 CRN Req'd

APPROVED
 Oct 12/12

A. J. Dumais



FOOTPLATE LAYOUT

NOTES:
 • VESSEL WILL HOUSE (QTY=18) SIZE 2 BASKETS.

 THIRD ANGLE PROJECTION		 FIL-TREK CORPORATION CAMBRIDGE ONTARIO - CANADA www.fil-trek.com • Tel: 519.623.7448 • Fax: 519.623.8807	
TOLERANCES-UNLESS OTHERWISE NOTED DECIMAL .X = ±.1" .XX = ±.02" .XXX = ±.005" FRACTIONAL ≤24" = ±1/16" >24" = ±1/8" = ±.1"		THIS DRAWING IS THE PROPERTY OF FIL-TREK CORPORATION AND MUST NOT BE COPIED OR USED IN ANY WAY DETRIMENTAL TO THE CORPORATION	
MAX. MACHINED SURFACE FINISH 125/√		EQUIPMENT: BAG FILTER VESSEL (LP SERIES) MODEL NO: LPD38-1812-8F-150	
CUSTOMER: FIL-TREK ALBERTA		DATE: SEP 20 2012	
PARENT: -	DRAWN: JJJ	JOB No. V-6258	DWG. No. R002383
PAGE: 1 OF 7	CHK'D: CW	SCALE: NTS	REV. No. 0