

V-100 SEPARATOR

SIZE: 36" OD x 10' S/S
MAWP: 720 PSIG @ 100°F

MFG: Aquila Fabrication & Equipment Ltd.

S/N: S-3113

CRN: R9624.213

A #: 640366

PWHT : NO

NDE : RT-2

MDMT : -20°F @ 720PSIG

FGS-1000 FUEL GAS SCRUBBER

SIZE: 4" x 30" S/S

MAWP: 150 PSIG @ 100°F

MFG: Aquila Fabrication & Equipment Ltd.

S/N: S-3120

CRN: OH5837.213

H-1000 HEATER

SIZE: 12" x 24"

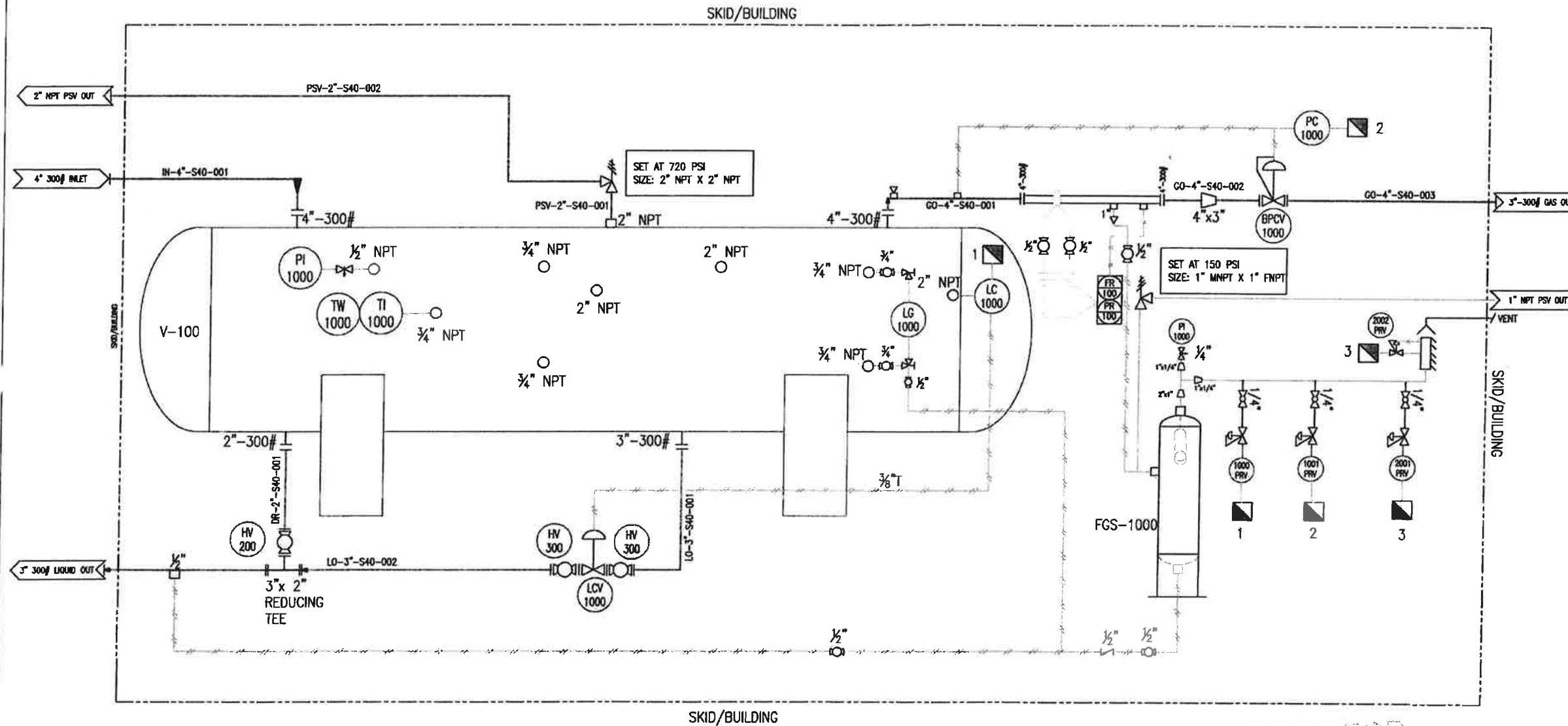
TYPE: NATURAL GAS HEATER

MFG: SCOTTCAN

c/w FISHER 912 REGULATOR (PRV 2001)

1/4" BALL VALVE

JOHNSON CONTROL (PRV 2002)



BILL OF MATERIALS		
ITEM	QTY	DESCRIPTION-INSTRUMENTS
FE-1000	1	4" 300# RF, S/40 FLANGED SRAGA 3C, 2000 EDITION, METER RUN WITH 3/4" AND 1" TOL ON DOWNSTREAM
FR-1000	1	BARTON 2 PEN CHART RECORDER, 100" x 1500# c/w 316SS 5 VALVE MANIFOLD
BPCV-1000	1	3" 300# 667ET, SIZE 45 ACTUATOR, FAIL CLOSED, CONTROL VALVE, c/w 4150 PRESSURE CONTROLLER, DIRECT ACTING
LCV-1000	1	3" 300# CVS 667ET, SIZE 45 ACTUATOR, FAIL CLOSED, CONTROL VALVE
LC-1000	1	NORRISEAL EVS LEVEL CONTROL 2" NPT BACK MOUNT
PSV-1000	1	2" NPT x 2" NPT SET AT 720PSI, SAFETY RELIEF VALVE, TAYLOR TOOL 2600 "E" ORIFICE
LG-1000	1	REFLEX SIGHT GLASS MODEL WLG-20-15R-CN c/w 3/4" x 1/2" x 1/2" SIGHT GLASS VALVES
PI-1000	1	PRESSURE GAUGE-0-1000PSI 4" FACE 1/2" NPT BOTTOM MOUNT LIQUID FILLED
TI-1000	1	TEMPERATURE GAUGE-0-250°F 3" FACE, 4" STEM c/w 3/4" x 1/2" x 4" 316SS THERMO WELL
PI-1001	1	PRESSURE GAUGE 0-160PSI 2-1/2" FACE 1/2" NPT BOTTOM MOUNT, LIQUID FILLED
PSV-1001	1	1" MNPT x 1" FNPT @ 150PSI, SAFETY RELIEF VALVE, TAYLOR TOOL 2600 "E" ORIFICE
PRV-1000, 1001	2	FISHER 670CFR GAS REGULATOR 1/4" NPT, 0-60PSI SPRING RANGE

BILL OF MATERIALS		
ITEM	QTY	DESCRIPTION-EQUIPMENT
H-1000	1	24"x24" NATURAL GAS HEATER c/w FISHER 912 REGULATOR, c/w PROTECTION GRILL, AND VENT HOOD, 12-VOLT c/w CABLES
FGS-1000	1	4"x30"x150PSI S/S FUEL GAS SCRUBBER, 1" INLET, 1" OUTLET AND HIGH LEVEL SHUT OFF VALVE

BILL OF MATERIALS		
ITEM	QTY	DESCRIPTION-VALVES
HV-300	2	3"-300# RF FP BALL VALVES-NACE TRIM
HV-200	1	2"-300# RF FP BALL VALVE-NACE TRIM
	2	3/4" RP 2000# BALL VALVE-NACE TRIM
	6	1/2" RP 2000# BALL VALVE-NACE TRIM
	2	1/4" RP 2000# BALL VALVE-NACE TRIM
	1	1/2" CHECK VALVE
	1	1/2" NEEDLE VALVE
	1	1/4" NEEDLE VALVE

BILL OF MATERIALS		
ITEM	QTY	DESCRIPTION-BUILDING
		8'x14'x8'-6" LOW EAVE - 9' HIGH EAVE FOAM PANEL BUILDING
		28 GAUGE ASTM A792 Gr.37 STEEL TO 1 1/2" POLYURETHANE FOAM INJECTED PANEL(R12) GALVALUME EXTERIOR AND INTERIOR
	1	3'x7' FOAM PANEL DOOR c/w PANIC, IWG, CHECK CHAIN AND WEATHER STRIPING
	1	36"x36" DOUBLE GLAZED SLIDING WINDOW c/w SCREEN
	2	12"x12" ADJUSTABLE LOUVERS c/w SCREEN

ISSUED FOR CONSTRUCTION
init. PC Date Nov 14/14

NOV 14 2014

-XX-XX-XXX
LINE NUMBER
LINE SCHEDULE
LINE SIZE
LINE SERVICE

LINE DESIGNATION

REFERENCE DRAWINGS

0 ISSUED FOR CONSTRUCTION

DESCRIPTION

REVISIONS

DATE

DWN

CHK

APP

BY

DATE

DWN

DR

15.10.14

CHK

APP

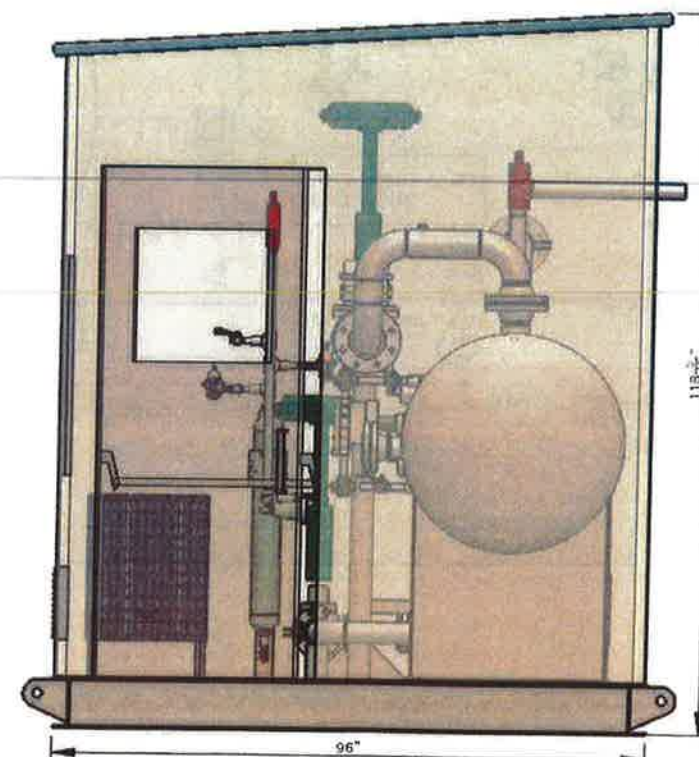
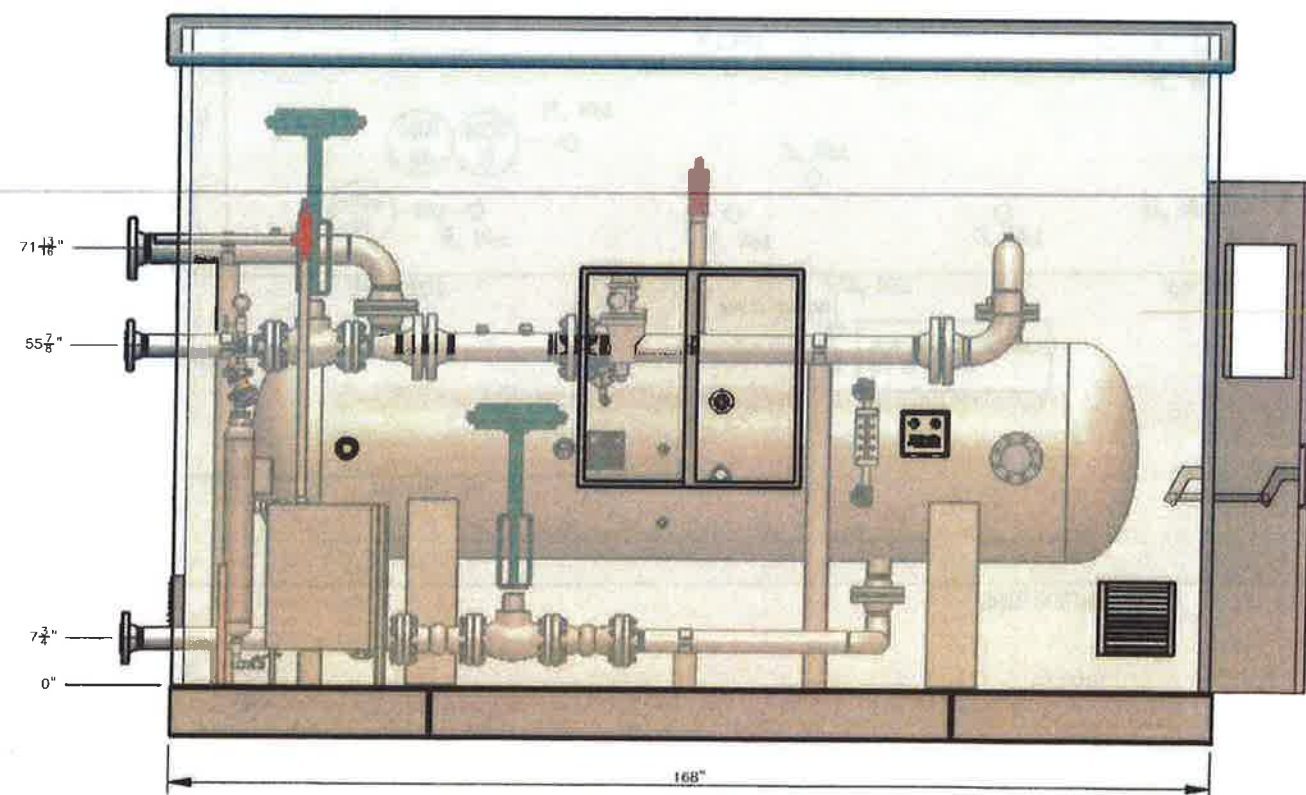
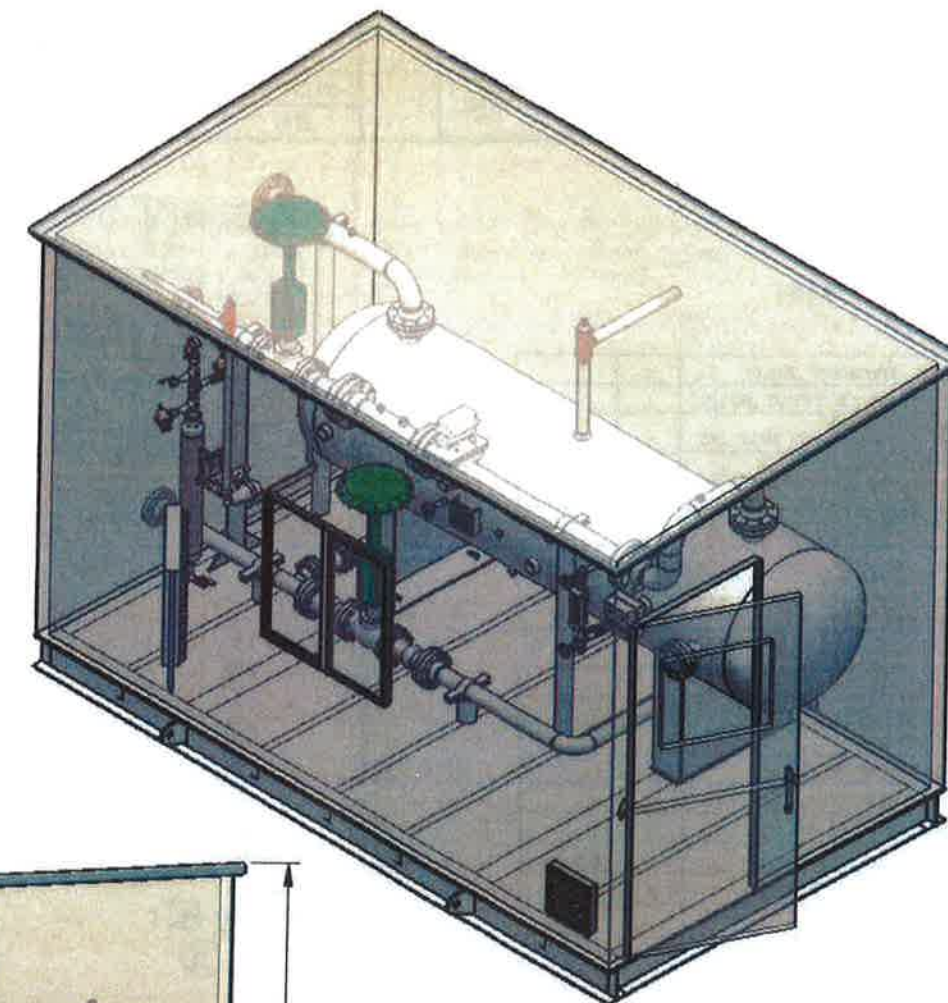
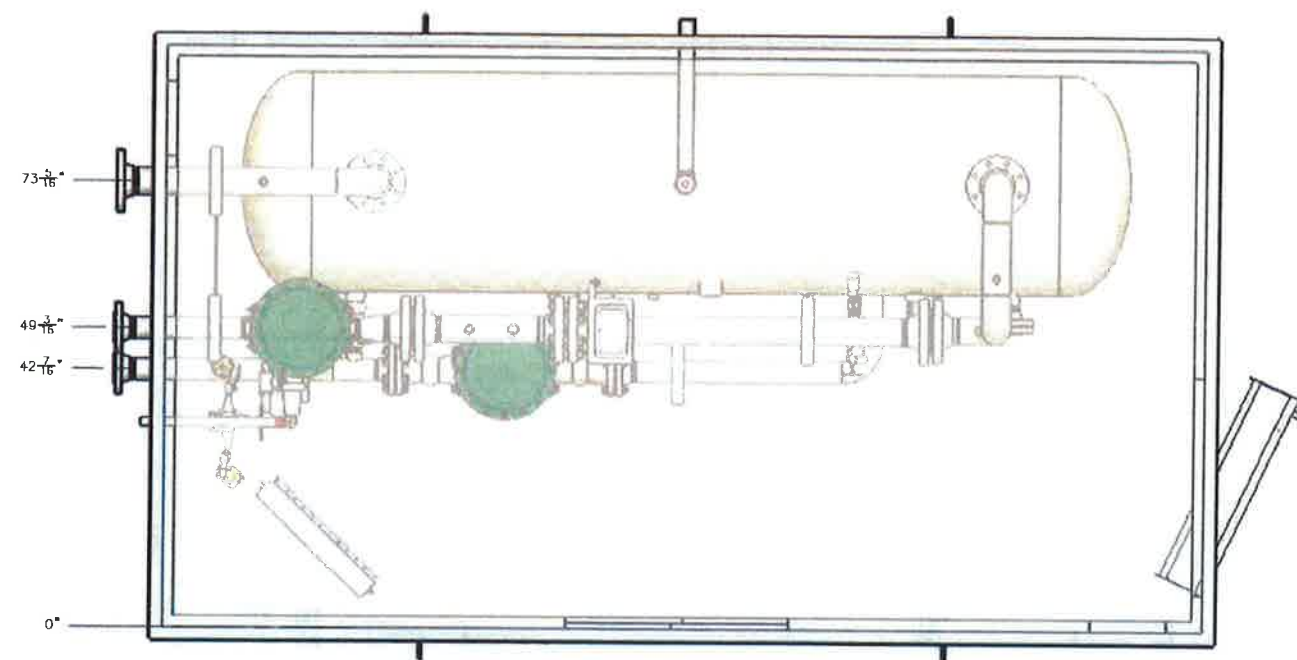
APP

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36"x10' S/S x 720PSI 2 PHASE HORIZONTAL SEPARATOR PACKAGE		
Customer:	Shop Order No.	2565
DWG NO. 2565-B	REV 0	SHIT 1/1
	Work Order No.	3172



AS-BUILT

REV	DESCRIPTION	DWN BY	DATE
2	ADDED PIPE SUPPORTS AND MOVED HEATER AND SCRUBBER - AS BUILT	DR	20.11.14
1	REPOSITION LEVEL CONTROL VALVE	DR	19.11.14
0	ISSUED FOR CONSTRUCTION	DR	14.11.14

REVISIONS

			GENERAL ASSEMBLY FOR 36"x10' S/S x 720PSI 2 PHASE HORIZONTAL SEPARATOR PACKAGE			
DWN	BY	DATE	Shop Order:			
CHK	DR	17.10.14	2565			
ENG APP			DWG NO:	REV	SHT	Work Order
QC APP			2565-C	2	1/1	3172

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