

TBC

GROUP EMULSION FROM MFS-10180-XXXX
MOP: 9930 kPa

FUTURE GROUP EMULSION
MOP: 9930 kPa

FUTURE GROUP EMULSION
MOP: 9930 kPa

FUTURE GROUP EMULSION
MOP: 9930 kPa

60-FG-CSZ1-4002-38H-ET
F/G FROM 16-21
MFS-10180-1155
MOP: 9930 kPa

WATER INJ TO
MOP: 9930 kPa

WATER INJ TO
MOP: 9930 kPa

SALES OIL TO 16-21
MFS-10180-XXXX
DRAWING # TBC

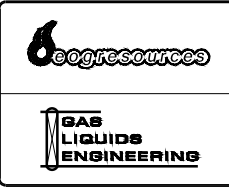
GAS TO 16-21
MFS-10180-1110

XREF: 11160-PID1 - MASTER.DWG
QA: 11160-PID, 11160-1111.DWG
PLOTED: APR 18, 2012 1:49 PM

No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	AMP	12-04-11	CDK			
B	ISSUED FOR CLIENT REVIEW	MBC	12-03-20				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps

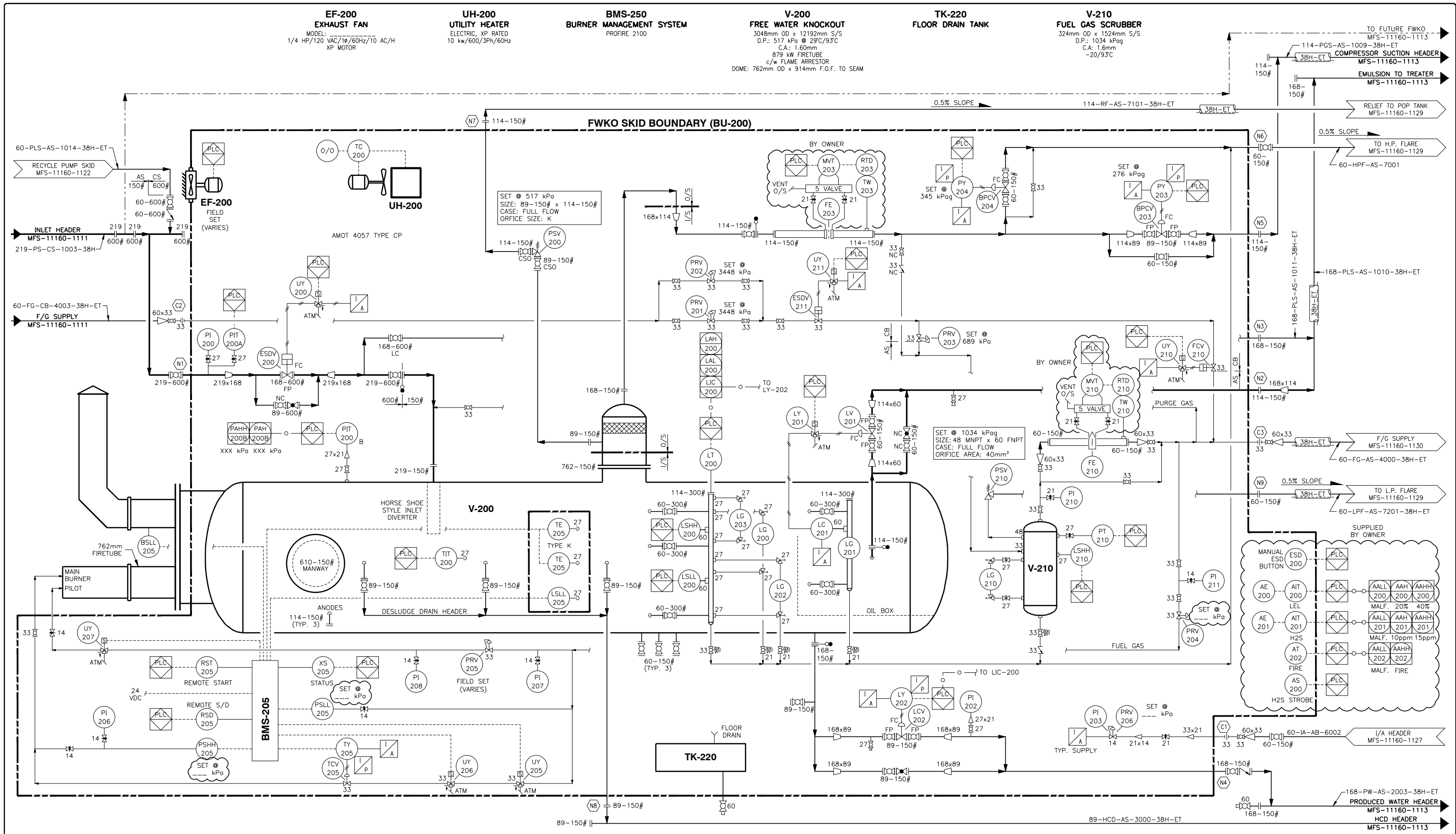
Engineering Record	
Client	
Approved	
Eng. Check	
Date	
Eng. By	
IFC	AB



PIERSON OIL BATTERY

PROCESS & INSTRUMENTATION DIAGRAM
INLET AREA
LSD 04-01-002-28 W1M

Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1111	D

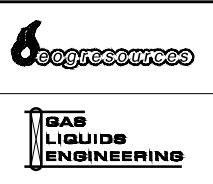


XREF: 11160-PID1 - MASTER.DWG
 Q:\11160-PID\11160-1112.DWG
 PLOTTED: APR 18, 2012 1:49 PM

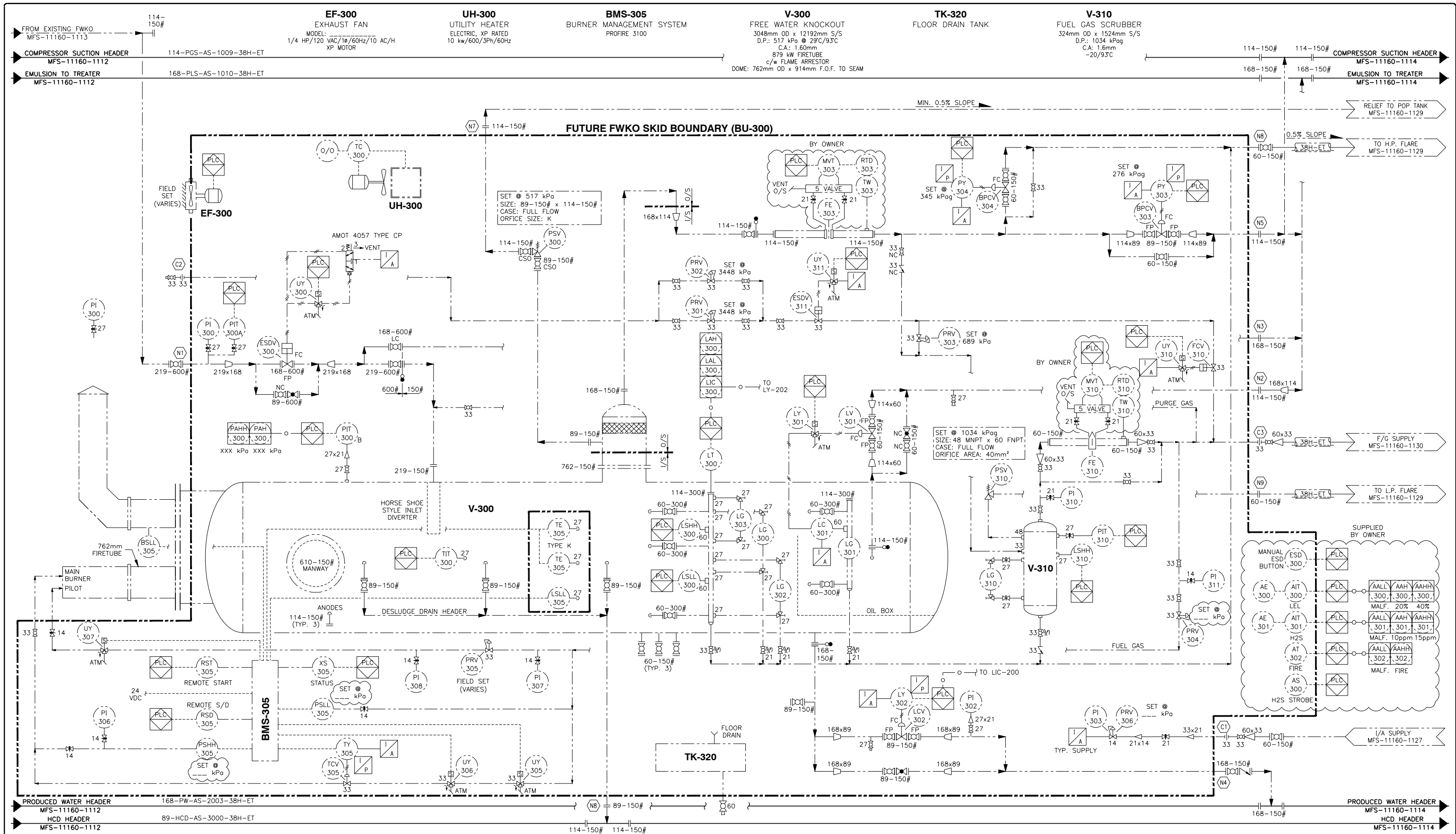
No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	AMP	12-04-11	CDK			
B	ISSUED FOR CLIENT REVIEW	MBC	12-03-20				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps	

Engineering Record	
Client	
Approved	
Eng. Check	
Date	
Eng. By	
	IFC AB



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM			
FWKO SKID			
LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1112	D



XREF: 11160-PID1 - MASTER.DWG
 Q:\11160\PID\11160-1113.DWG
 PLOTTED: APR 18, 2012 1:49 PM

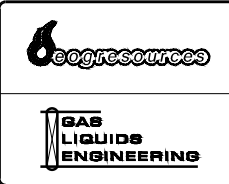
No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	AMP	12-04-11	CDK			
B	ISSUED FOR CLIENT REVIEW	MBC	12-03-20				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps

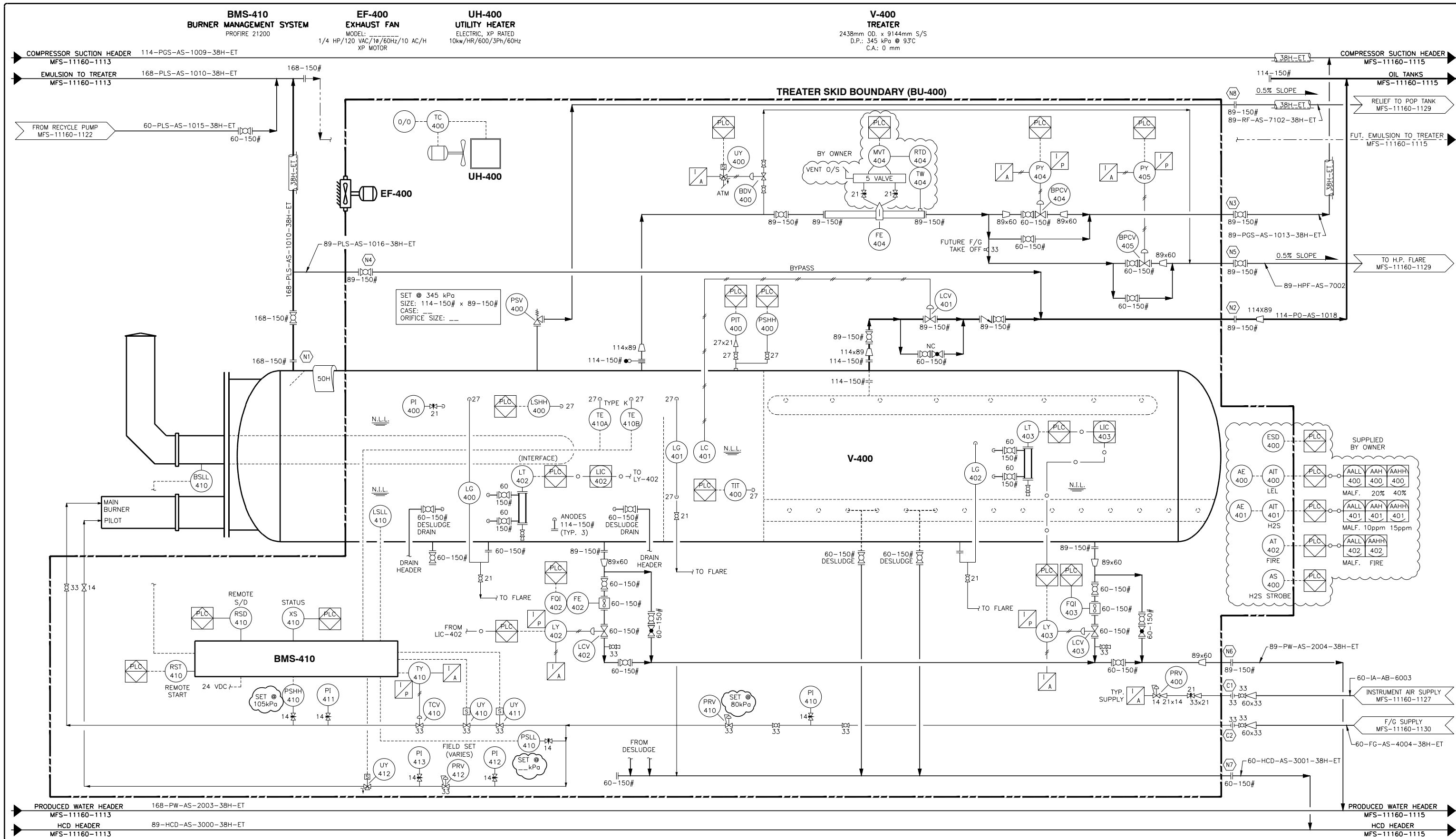
--	--	--	--	--	--

Engineering Record

Client	
Approved	
Eng. Check	
Date	
Eng. By	



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM FUTURE FWKO SKID LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1113	D

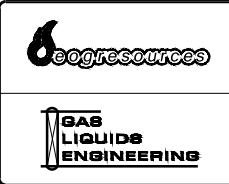


XREF: 11160-PID1 - MASTER.DWG
 Q:\11160\PID\11160-1114.DWG
 PLOTTED: APR 18, 2012 1:49 PM

No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	CB	12-04-12				
B	ISSUED FOR CLIENT REVIEW	MBG	12-03-20				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps	
Client	
Approved	
Eng. Check	
Date	
Eng. By	

Engineering Record	
Client	
Approved	
Eng. Check	
Date	
Eng. By	



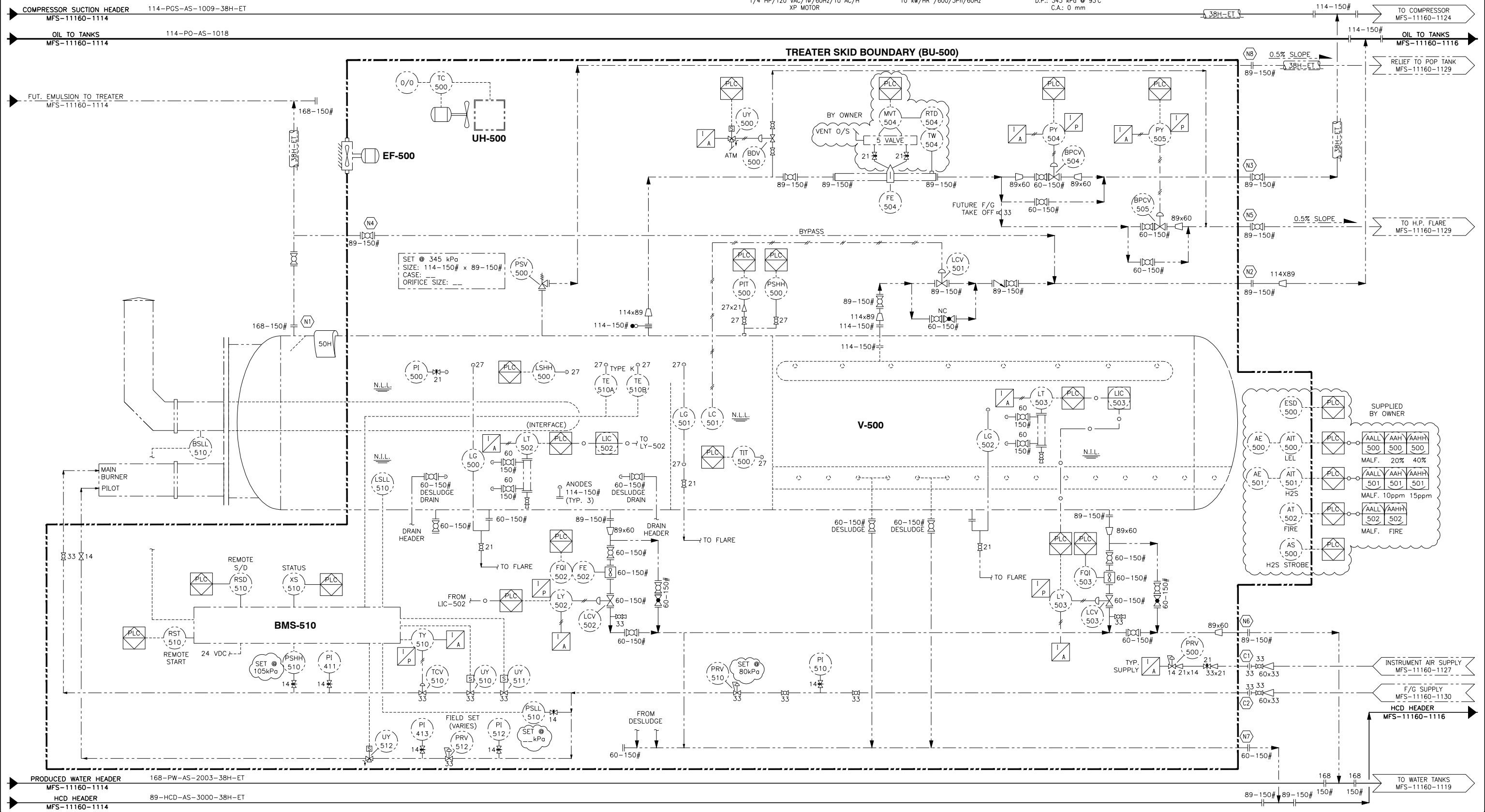
PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM			
TREATER SKID			
LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1114	D

BMS-510
BURNER MANAGEMENT SYSTEM
PROFIRE 2100

EF-500
EXHAUST FAN
MODEL:
1/4 HP/120 VAC/1ø/60Hz/10 AC/H
XP MOTOR

UH-500
UTILITY HEATER
ELECTRIC, XP RATED
10 kw/HR /600/3Ph/60Hz

V-500
TREATER
2438mm O/D x 9144mm S/S
D.P.: 345 kPa @ 93°C
C.A.: 0 mm



XREF: 11160-PID1 - MASTER.DWG
QA: 11160-PID, 11160-1115.DWG
PLOTTER: APR 18, 2012 1:49 PM

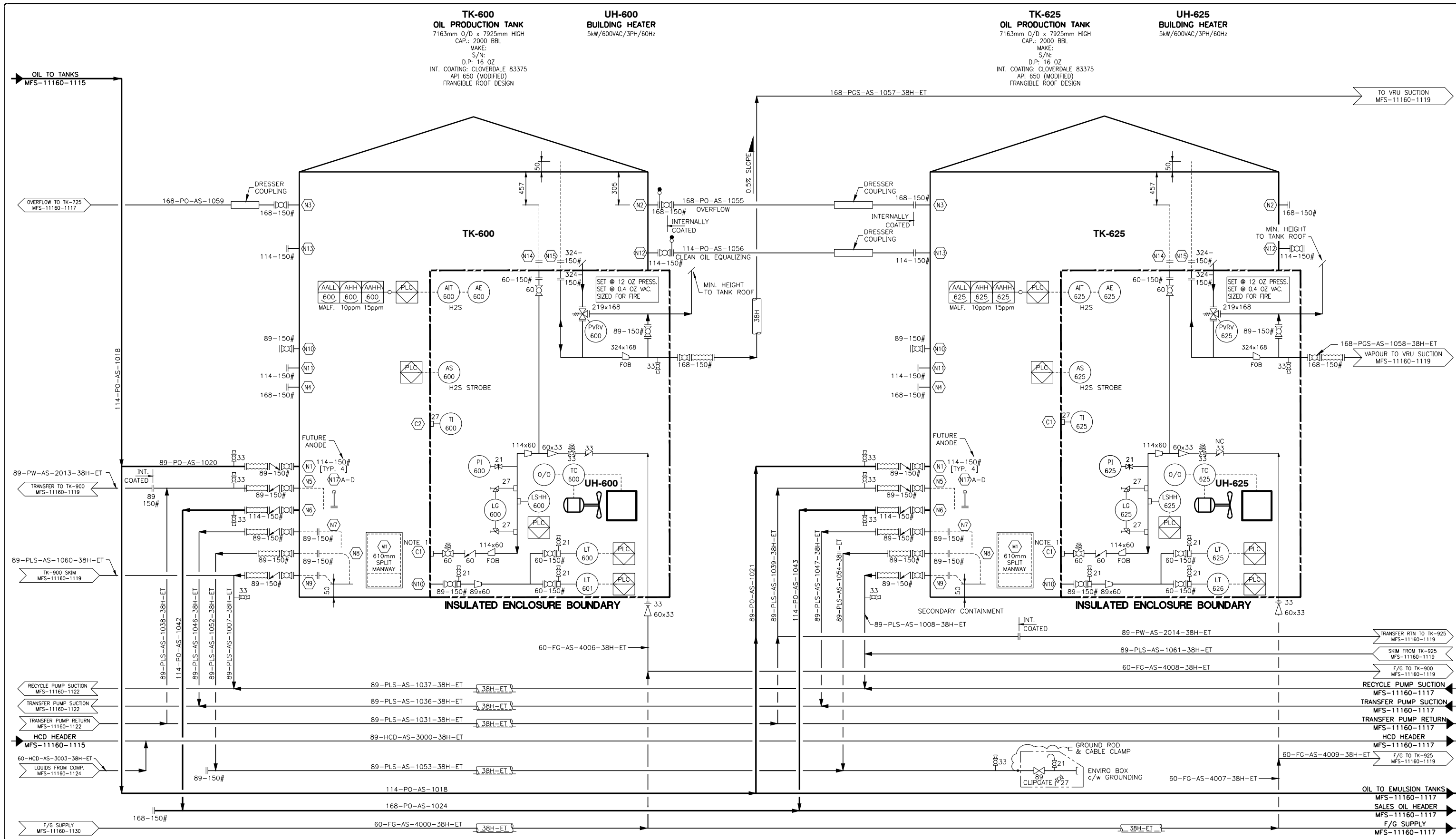
No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	CB	12-04-11				
B	ISSUED FOR CLIENT REVIEW	MBC	12-03-20				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps	
Client	
Approved	
Eng. Check	
Date	
Eng. By	

Engineering Record	
Client	
Approved	
Eng. Check	
Date	
Eng. By	



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM			
FUTURE TREATER SKID			
LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1115	D



XREF: 11160-PID1 - MASTER.DWG
 QA: 11160-PID1, 11160-1116.DWG
 PLOTTED: APR 18, 2012 1:49 PM

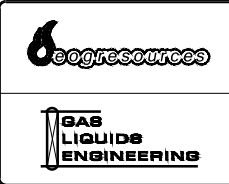
No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	KTH	12-04-11				
B	ISSUED FOR CLIENT REVIEW	MBC	12-03-20				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps

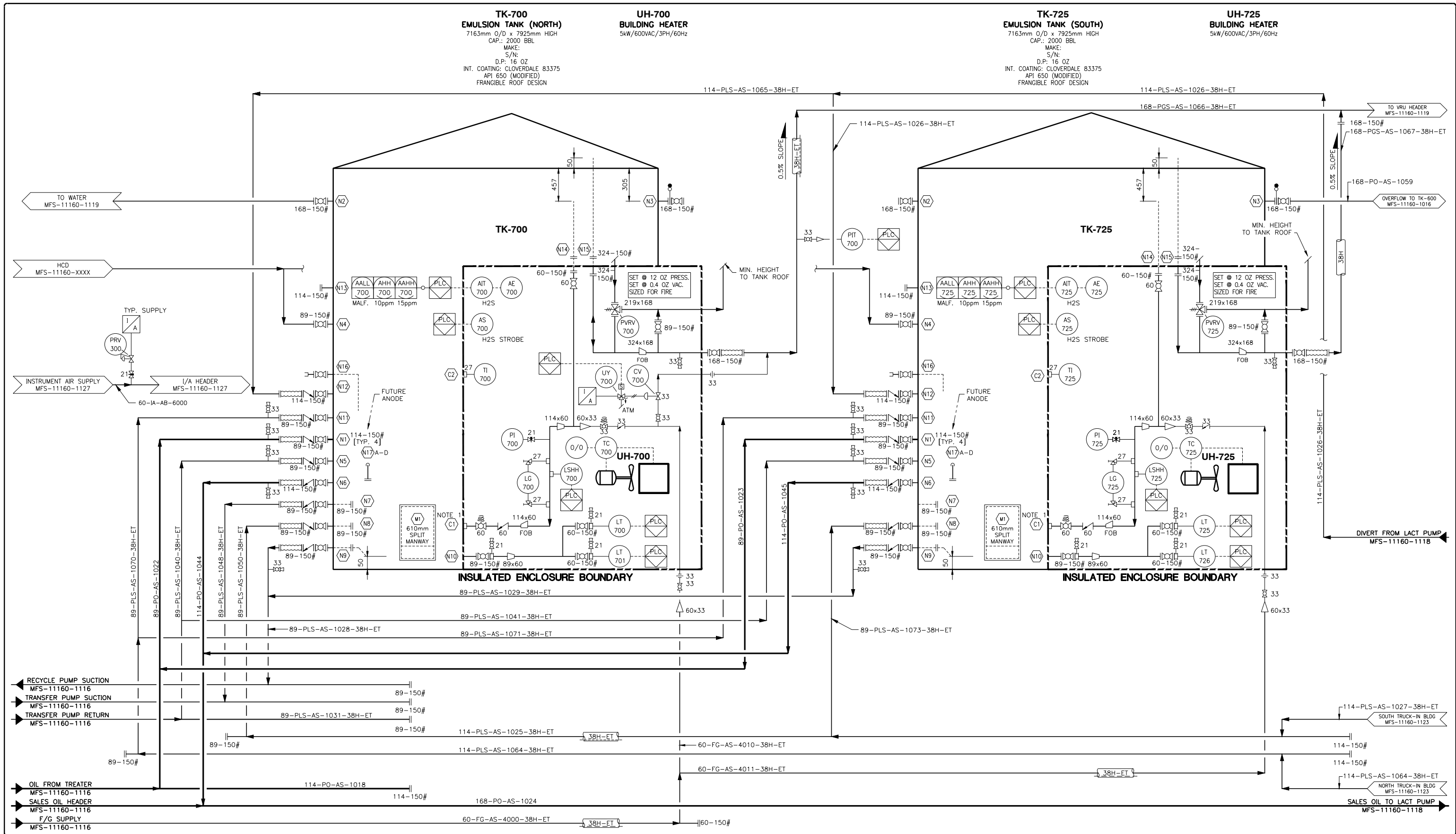
Client	
Approved	
Eng. Check	
Date	
Eng. By	

Engineering Record

Client	
Approved	
Eng. Check	
Date	
Eng. By	



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM			
OIL PRODUCTION TANKS			
LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1116	D



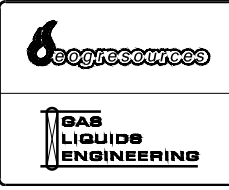
NOTES:

XREF: 11160-PID1 - MASTER.DWG
 Q:\11160-PID\11160-1117.DWG
 PLOTTED: APR 18, 2012 1:49 PM

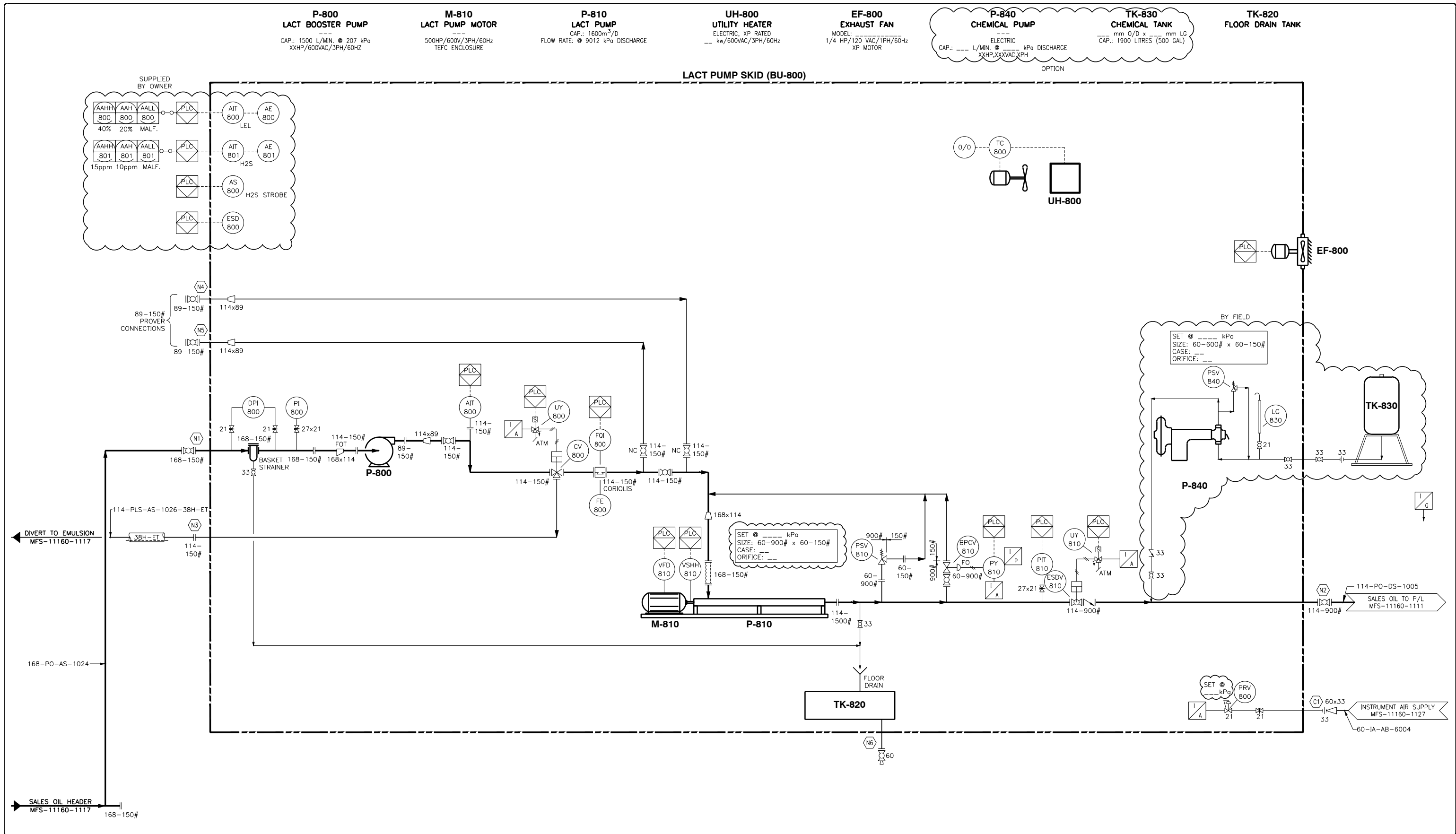
No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	CB	12-04-16				
B	ISSUED FOR CLIENT REVIEW	MBC	12-03-20				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps

Engineering Record	
Client	
Approved	
Eng. Check	
Date	
Eng. By	
IFC	AB



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM EMULSION TANKS LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1117	D

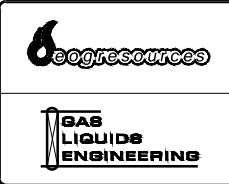


XREF: 11160-PID1 - MASTER.DWG
 Q:\11160\PID\11160-1118.DWG
 PLOTTED: APR 18, 2012 1:50 PM

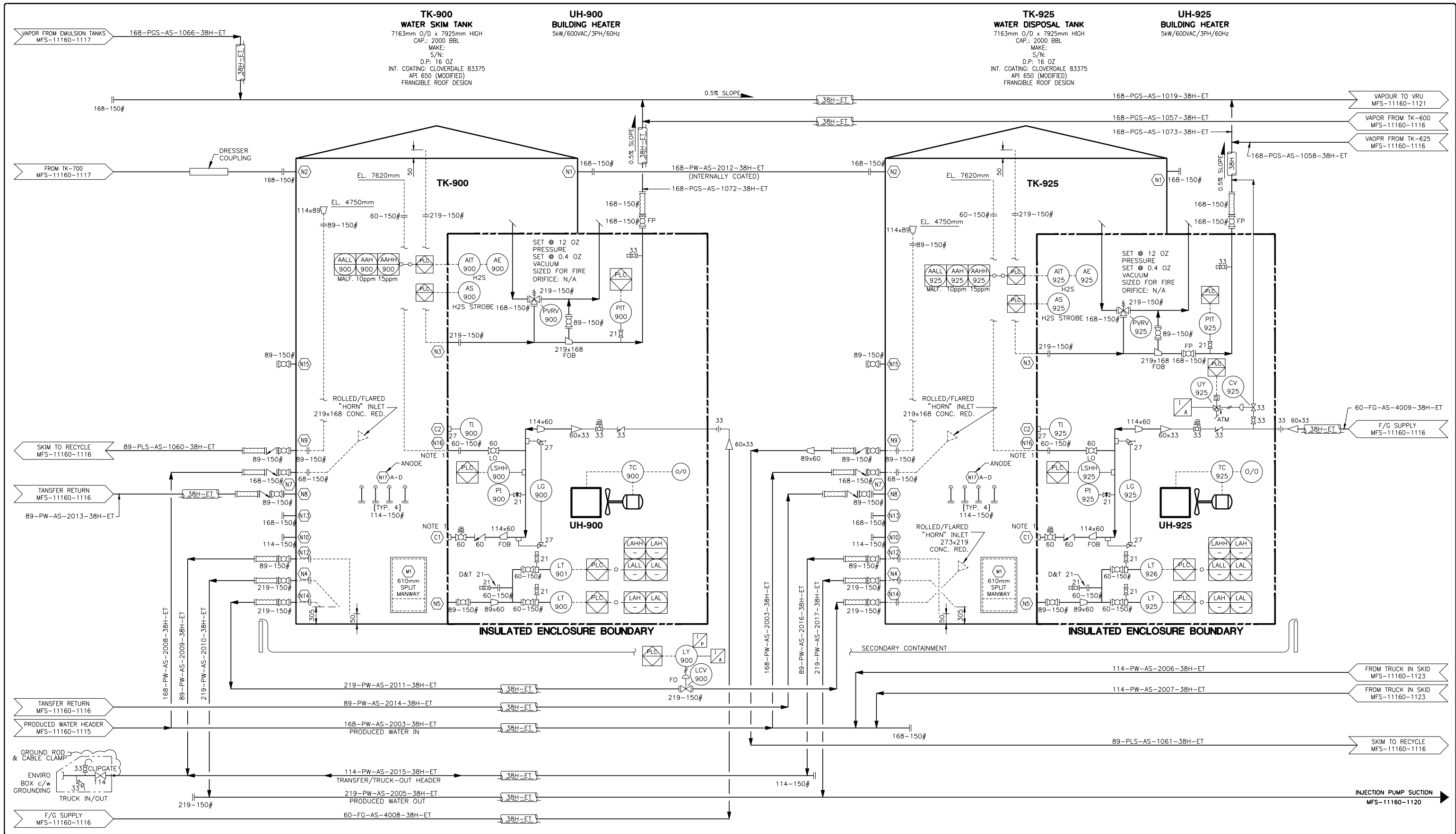
No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	CB	12-04-11				
B	ISSUED FOR CLIENT REVIEW	MBC	12-03-20				
A	ISSUED FOR REVIEW	DMO	12-03-13				

Stamps

Engineering Record	
Client	
Approved	
Eng. Check	
Date	
Eng. By	
IFC	AB



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM			
LACT PUMP SKID			
LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1118	D



NOTES:

XREF: 11160-PID1 - MASTER.DWG
 Q:\11160\PID\11160-1119.DWG
 PLOTTED: APR 18, 2012 1:50 PM

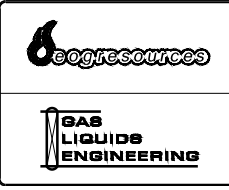
No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	CB	12-04-11				
B	ISSUED FOR CLIENT REVIEW	MBC	12-03-20				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps

--	--	--	--

Engineering Record

Client	
Approved	
Eng. Check	
Date	
Eng. By	
IFC	AB



PIERSON OIL BATTERY

PROCESS & INSTRUMENTATION DIAGRAM
 WATER SKIM & DISPOSAL TANKS
 LSD 04-01-002-28 W1M

Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1119	D

P-1130
LIQUID TRANSFER PUMP
 SANDPIPER
 MODEL: S05B1ACAANS700
 FLOW: 0-10 GPM (0.046 cu.m./min)
 AIR: 16 SCFM @ 414 kPa
 LIQUID: 12 GPM (0.055 cu.m.)

V-1100
HORIZONTAL SUCTION SCRUBBER
 305mm O/D x 1829mm S/S
 DP: 103 kPa @ 121°C
 HYDRO TEST PRESS.: 517 kPag
 X-RAY: 100%
 NON-CODE
 C.A.: 1.6mm

C-1110
ROTARY VANE COMPRESSOR
 10HP
 FLOW: 20,000-150,000 SCFD
 SUCTION: 0.9 kPag
 DISCHARGE: 140 kPag
 SPEED: 700-1200 RPM

M-1115
ELECTRIC MOTOR
 TECO WESTINGHOUSE
 600V/3PH/60Hz
 7.5 HP, 900 RPM
 FRAME: 256T, TEFC
 VFD COMPATIBLE
 CLASS 1, ZONE 2
 1.15 SF

UH-1100
UTILITY HEATER
 RUFFNECK
 600V/3PH/60Hz
 7.5 kW

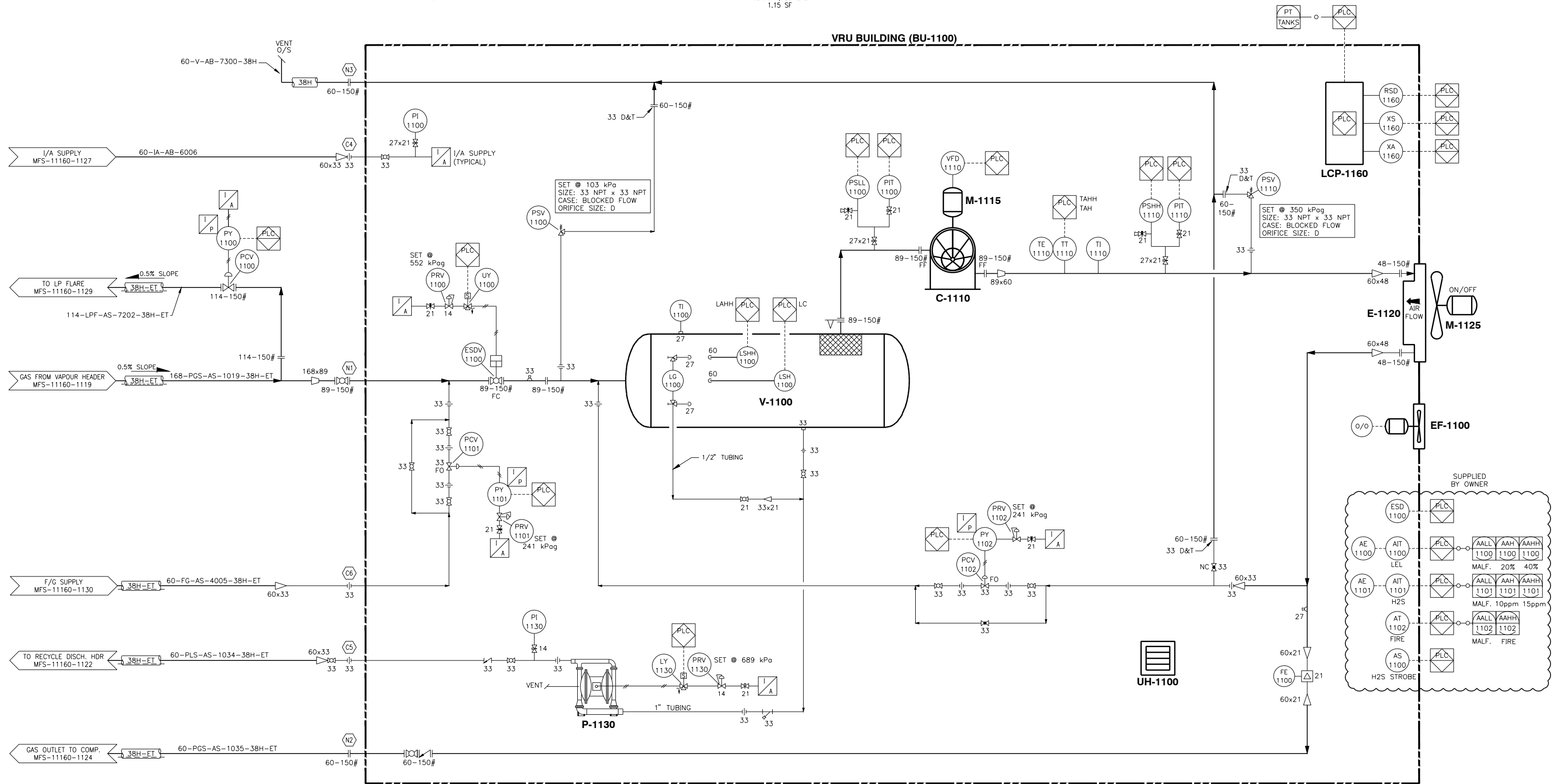
E-1120
GAS COOLER

M-1125
GAS COOLER MOTOR
 120V/1PH/60Hz
 0.5 HP, 1800 RPM
 FRAME: 56C, TEXP
 CLASS 1, ZONE 1

EF-1100
EXHAUST FAN
 1/4 HP 1725 RPM 115/208/230V/1 PH
 750 CFM
 CLASS 1, DIV. 1

LCP-1160
CONTROL PANEL
 KILOWATTS QM400 MICRO
 ALAN BRADLEY MICROLOGIX
 1400 MICRO PROCESSOR
 C/W ETHERNET MODULE

VRU BUILDING (BU-1100)



XREF: 11160-PID1 - MASTER.DWG
 G:\11160\PID\11160-1121.DWG
 PLOTTED: APR 18, 2012 1:50 PM

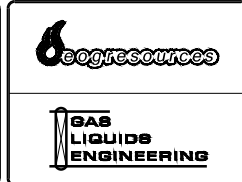
No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	CB	12-04-11				
B	ISSUED FOR CLIENT REVIEW	MBC	12-03-20				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps

Client	
Approved	
Eng. Check	
Date	
Eng. By	

Engineering Record

Client	
Approved	
Eng. Check	
Date	
Eng. By	



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM VRU SKID LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1121	D

EF-1200 EXHAUST FAN
 MODEL: 120 VAC/1ø/60Hz/10 AC/H XP MOTOR

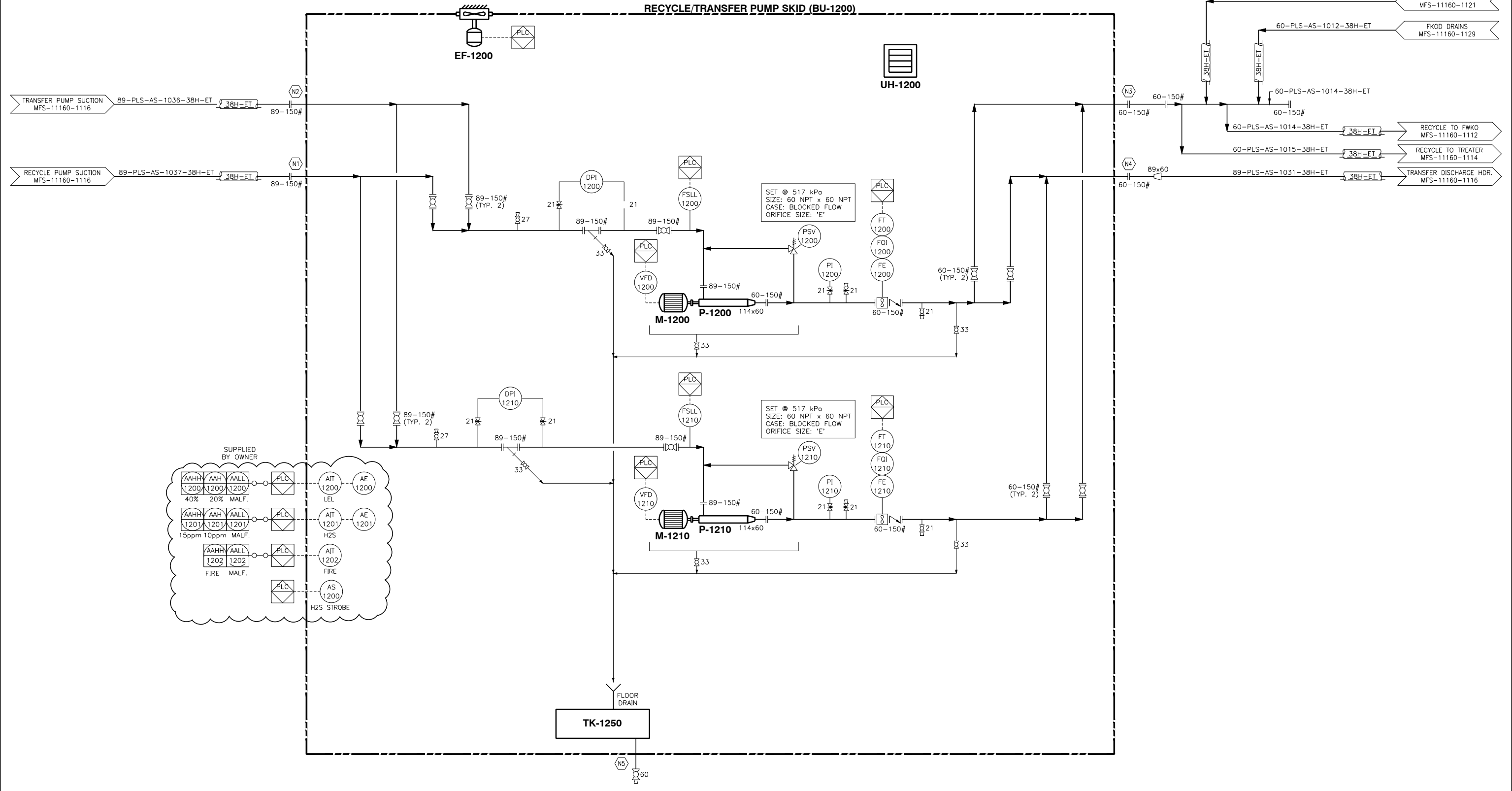
P-1200/1210 RECYCLE/TRANSFER PUMPS
 MAKE: MOYNO 'L' SERIES
 MAX RATE: 20m³/HR @ 380 kPa
 MIN RATE: 5m³/HR @ 380 kPa

M-1200/1210 PUMP MOTOR
 MAKE: WESTINGHOUSE
 10 HP
 600V/3Ph/60Hz
 INVERTER DUTY

UH-1200 UTILITY HEATER
 ELECTRIC, XP RATED
 10 kw/600V/3Ph/60Hz

TK-1250 FLOOR SUMP
 INTEGRAL WITH SKID
 610mm x 610mm

RECYCLE/TRANSFER PUMP SKID (BU-1200)



SUPPLIED BY OWNER

AAHH 1200	AAH 1200	AALL 1200	PLC	AIT 1200	AE 1200
40% MALF.	20% MALF.			LEL	
AAHH 1201	AAH 1201	AALL 1201	PLC	AIT 1201	AE 1201
15ppm	10ppm			H2S	
AAHH 1202	AALL 1202		PLC	AIT 1202	FIRE
FIRE MALF.				AS 1200	H2S STROBE

XREF: 11160-PID1 - MASTER.DWG
 Q:\11160\PID\11160-1122.DWG
 PLOTTED: APR 18, 2012 1:50 PM

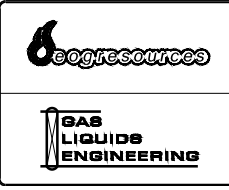
No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	CB	12-04-11				
B	ISSUED FOR CLIENT REVIEW	MBC	12-03-20				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps

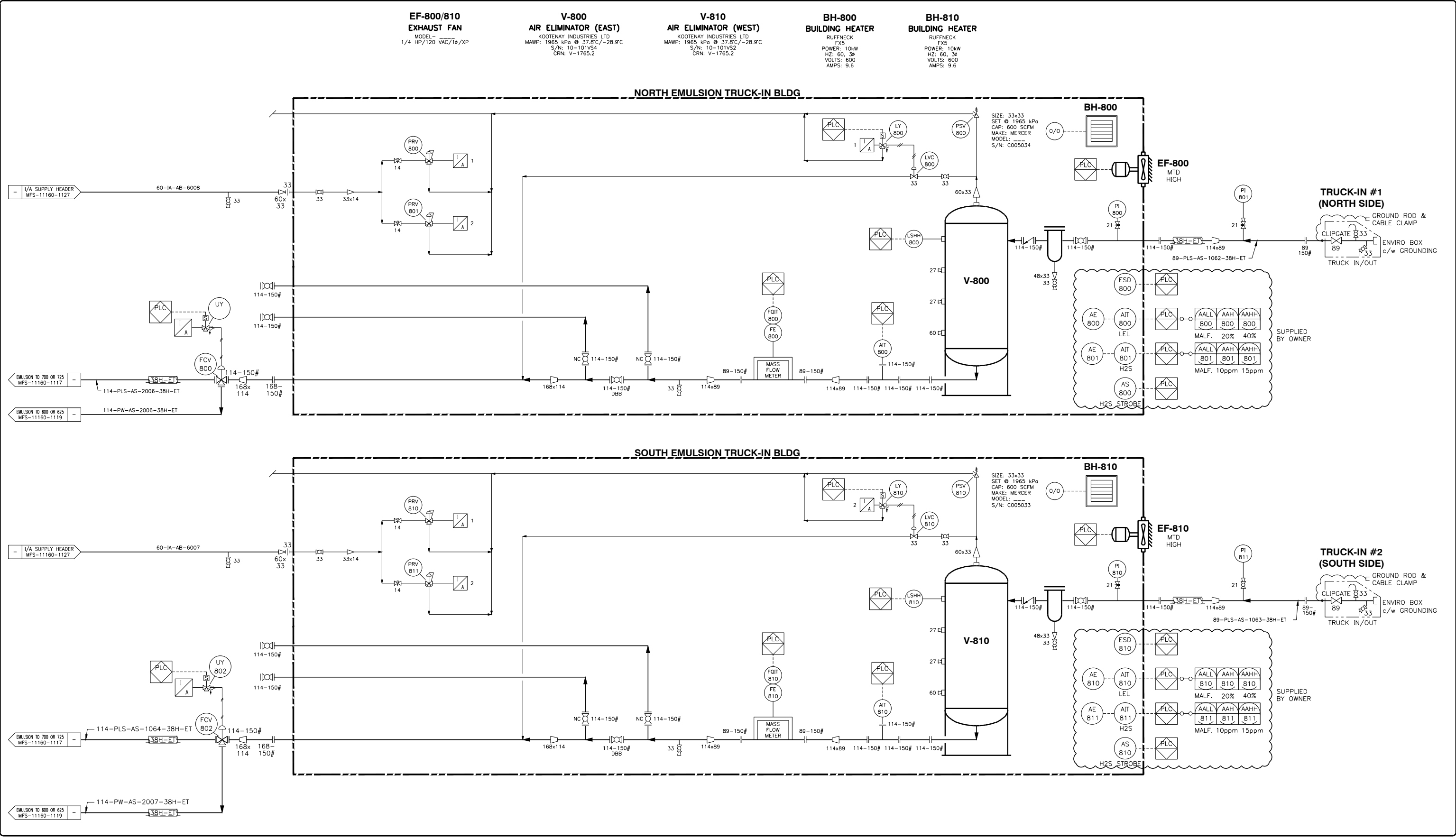
Client	
Approved	
Eng. Check	
Date	
Eng. By	

Engineering Record

IFC	AB
-----	----



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM RECYCLE & TRANSFER PUMP SKID LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1122	D



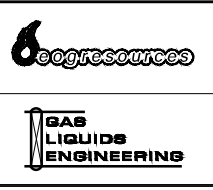
XREF: 11160-PID1 - MASTER.DWG
 Q:\11160\PID\11160-1123.DWG
 PLOTTED: APR 18, 2012 1:50 PM

No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	CB	12-04-11				
B	ISSUED FOR CLIENT REVIEW	CB	12-04-03				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps

Engineering Record

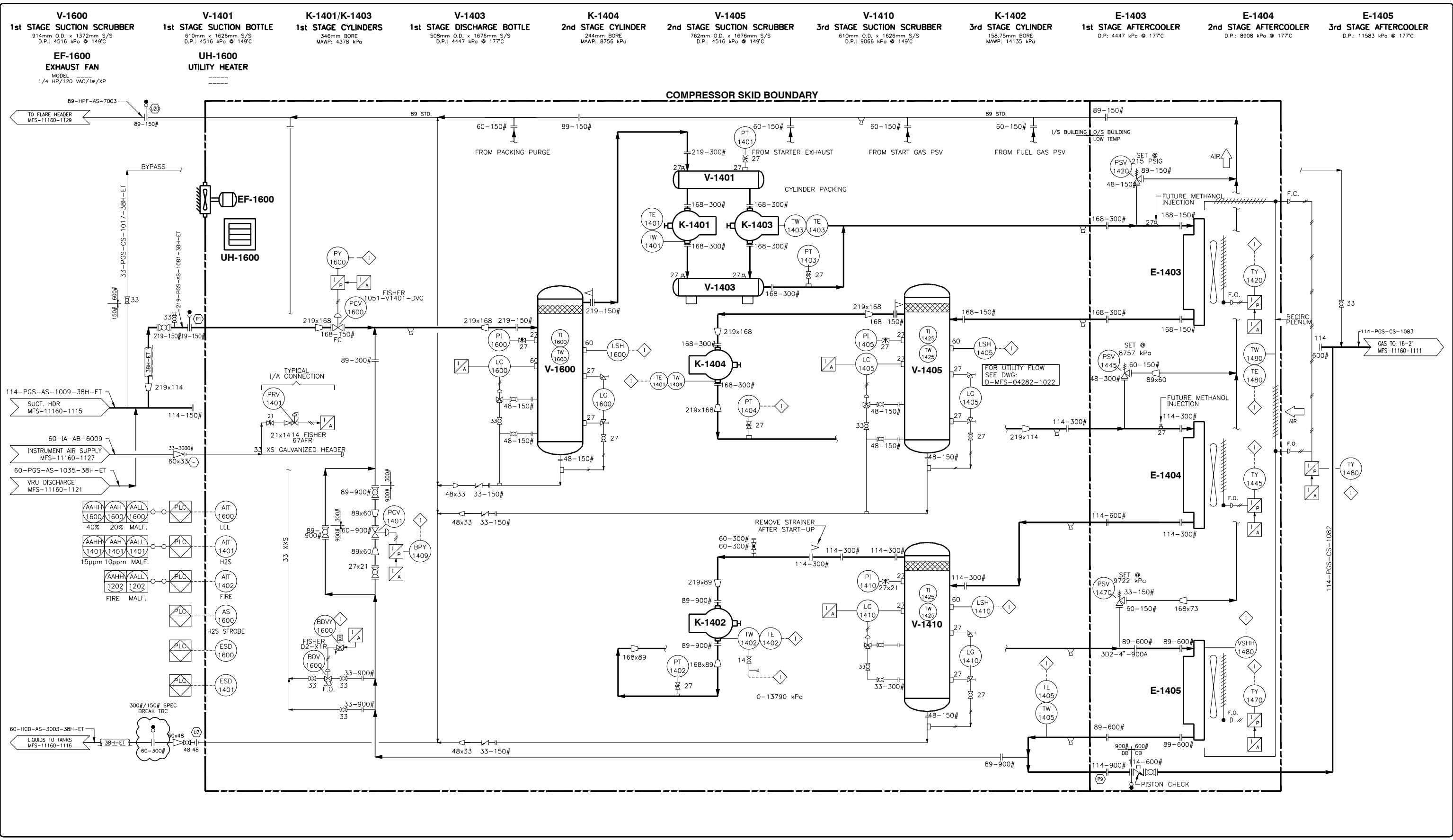
Client	
Approved	
Eng. Check	
Date	
Eng. By	
IFC	AB



PIERSON OIL BATTERY

PROCESS & INSTRUMENTATION DIAGRAM
 EMULSION TRUCK IN BUILDING
 LSD 04-01-002-28 W1M

Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1123	D

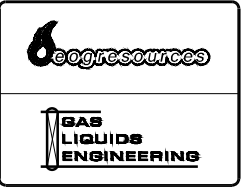


V-1600 1st STAGE SUCTION SCRUBBER 914mm O.D. x 1372mm S/S D.P.: 4516 kPa @ 149°C		V-1401 1st STAGE SUCTION BOTTLE 610mm x 1626mm S/S D.P.: 4516 kPa @ 149°C		K-1401/K-1403 1st STAGE CYLINDERS 346mm BORE MAWP: 4378 kPa		V-1403 1st STAGE DISCHARGE BOTTLE 508mm O.D. x 1676mm S/S D.P.: 4447 kPa @ 177°C		K-1404 2nd STAGE CYLINDER 244mm BORE MAWP: 8756 kPa		V-1405 2nd STAGE SUCTION SCRUBBER 762mm O.D. x 1676mm S/S D.P.: 4516 kPa @ 149°C		V-1410 3rd STAGE SUCTION SCRUBBER 610mm O.D. x 1626mm S/S D.P.: 9066 kPa @ 149°C		K-1402 3rd STAGE CYLINDER 158.75mm BORE MAWP: 14135 kPa		E-1403 1st STAGE AFTERCOOLER D.P.: 4447 kPa @ 177°C		E-1404 2nd STAGE AFTERCOOLER D.P.: 8908 kPa @ 177°C		E-1405 3rd STAGE AFTERCOOLER D.P.: 11583 kPa @ 177°C	
---	--	--	--	--	--	---	--	--	--	---	--	---	--	--	--	---	--	---	--	--	--

EF-1600 EXHAUST FAN MODEL - 1/4 HP/120 VAC/Te/XP		UH-1600 UTILITY HEATER -----	
---	--	------------------------------------	--

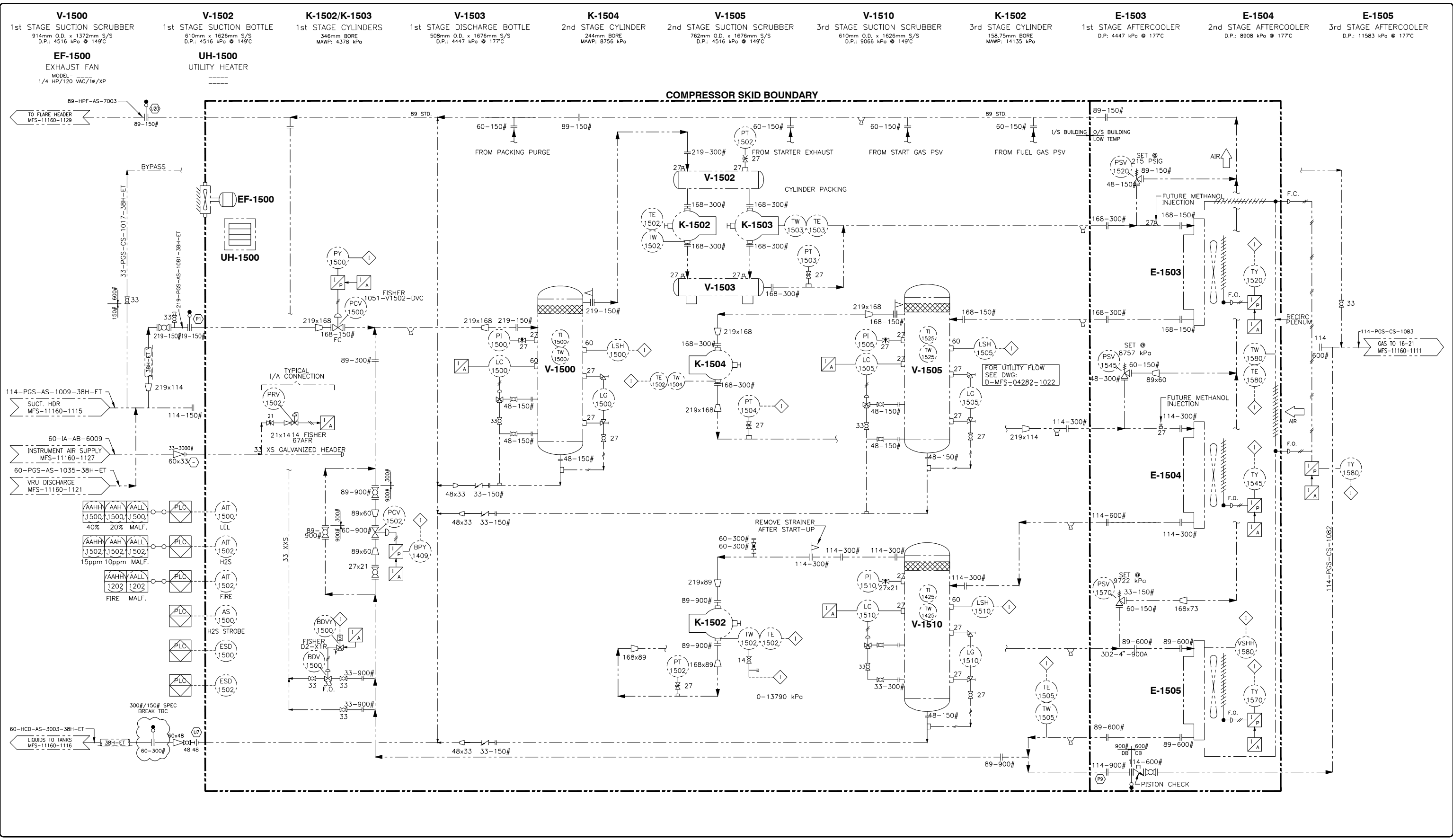
Revision		By		Date		Chk.		E.Chk		E.App		Client	
D	ISSUED FOR DESIGN	CSB		12-04-18									
C	ISSUED FOR CLIENT APPROVAL	CB		12-04-13									
B	ISSUED FOR CLIENT REVIEW	MBC		12-03-20									
A	ISSUED FOR REVIEW	DMO		11-10-06									

Engineering Record	
Client	
Approved	
Eng. Check	
Date	
Eng. By	
IFC	AB



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM COMPRESSOR SKID LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1124	D

XREF: 11160-PID1 - MASTER.DWG
QA: 11160-PID1, 11160-1124.DWG
PLOTED: APR 18, 2012 5:17 PM

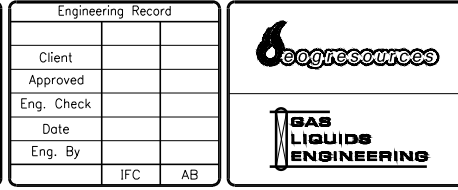


XREF: 11160-PID1 - MASTER.DWG
 QA: 11160-PID\11160-1125.DWG
 PLOTTED: APR 18, 2012 5:17 PM

No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	CB	12-04-11				
B	ISSUED FOR CLIENT REVIEW	MBC	12-03-20				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps							

Engineering Record	
Client	
Approved	
Eng. Check	
Date	
Eng. By	
IFC	AB



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM FUTURE COMPRESSOR SKID LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1125	D

EF-1700
EXHAUST FAN

V1710
VERTICAL DRY AIR RECEIVER

SIZE: ___mm Ø x ___mm LG
CAPACITY: 908 LITRES
D.P.: 1379 kPa @ 232°C

D-1720/1725
HEATLESS AIR DRYERS

MODEL: _____
MIN. CAP.: 132.2 acfm @ 38°C @ 689 kPa
D.P.: 1379 kPa @ 93°C
DEWPOINT: -40°C

F-1730
AIR AFTERFILTER

MAKE: _____
MODEL: _____
CAPACITY: _____ cu.m/hr

F-1740
AIR PRE-FILTER

MAKE: _____
MODEL: _____
CAPACITY: _____ cu.m/hr

V-1700
VERTICAL WET AIR RECEIVER

SIZE: ___mm Ø x ___mm LG
CAPACITY: 908 LITRES
D.P.: 1379 kPa @ 232°C

UH-1700
UTILITY HEATER

ELECTRIC, XP RATED
MIN. 5 kW/3PH/60Hz/575V

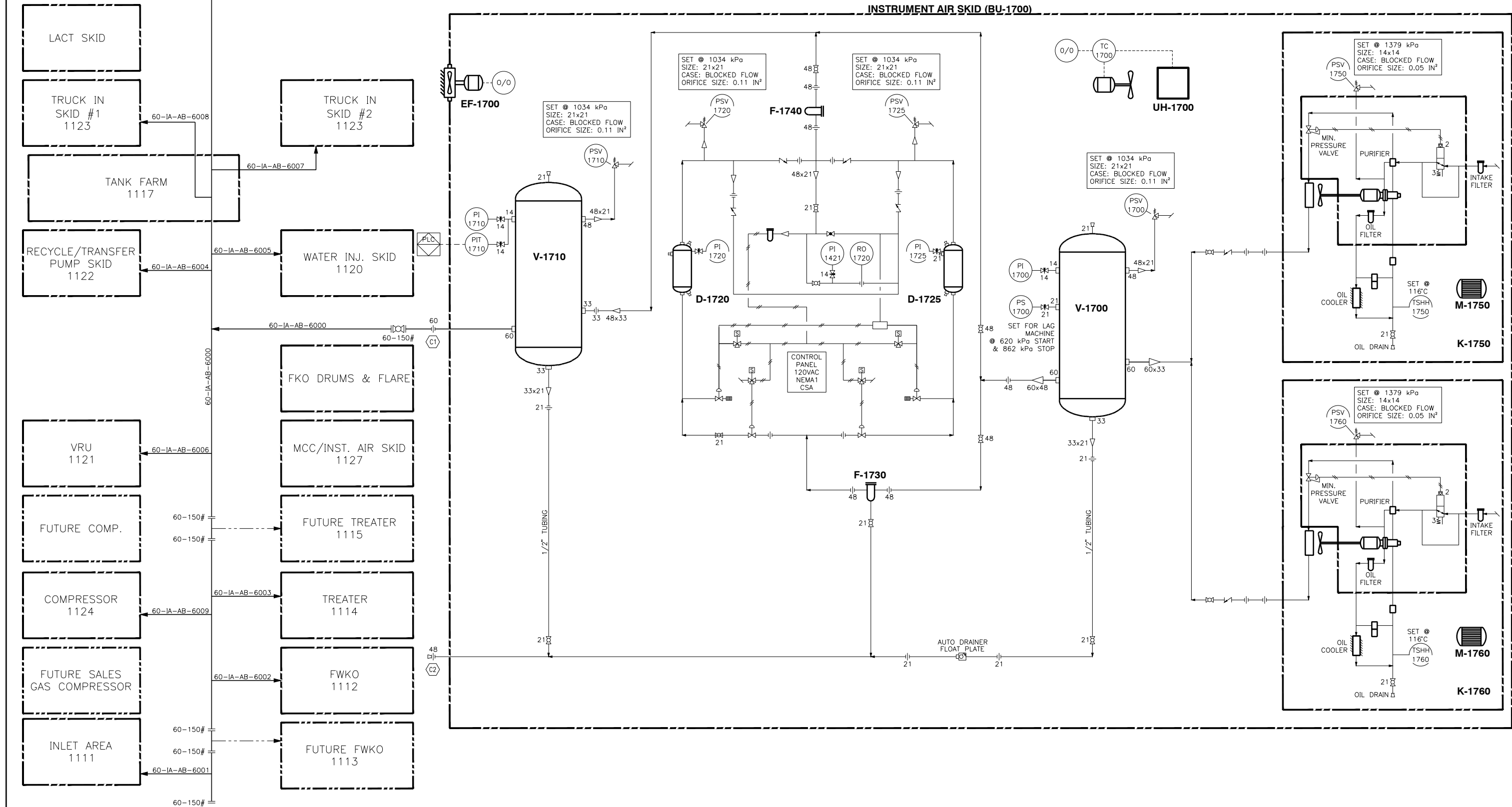
K-1750/1760
AIR COMPRESSOR

MAKE: _____
MODEL: _____
CAPACITY: 161 SCFM @ 862 kPa
SPEED: _____ RPM

M-1750/1760
COMPRESSOR DRIVE MOTOR

MAKE: _____
FRAME SIZE: _____
SPEED: _____ RPM
___HP (___kW), 3PH/60Hz/575V
TEFC ENCLOSURE

INSTRUMENT AIR SKID (BU-1700)



XREF: 11160-PID1 - MASTER.DWG
QA: 11160-PID, 11160-1127.DWG
PLOTED: APR 18, 2012 5:05 PM

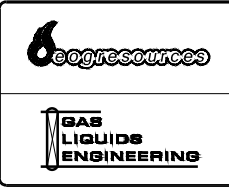
No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	KTH	12-04-11				
B	ISSUED FOR CLIENT REVIEW	MBG	12-03-20				
A	ISSUED FOR REVIEW	DMO	12-02-15				

Stamps

Client	
Approved	
Eng. Check	
Date	
Eng. By	

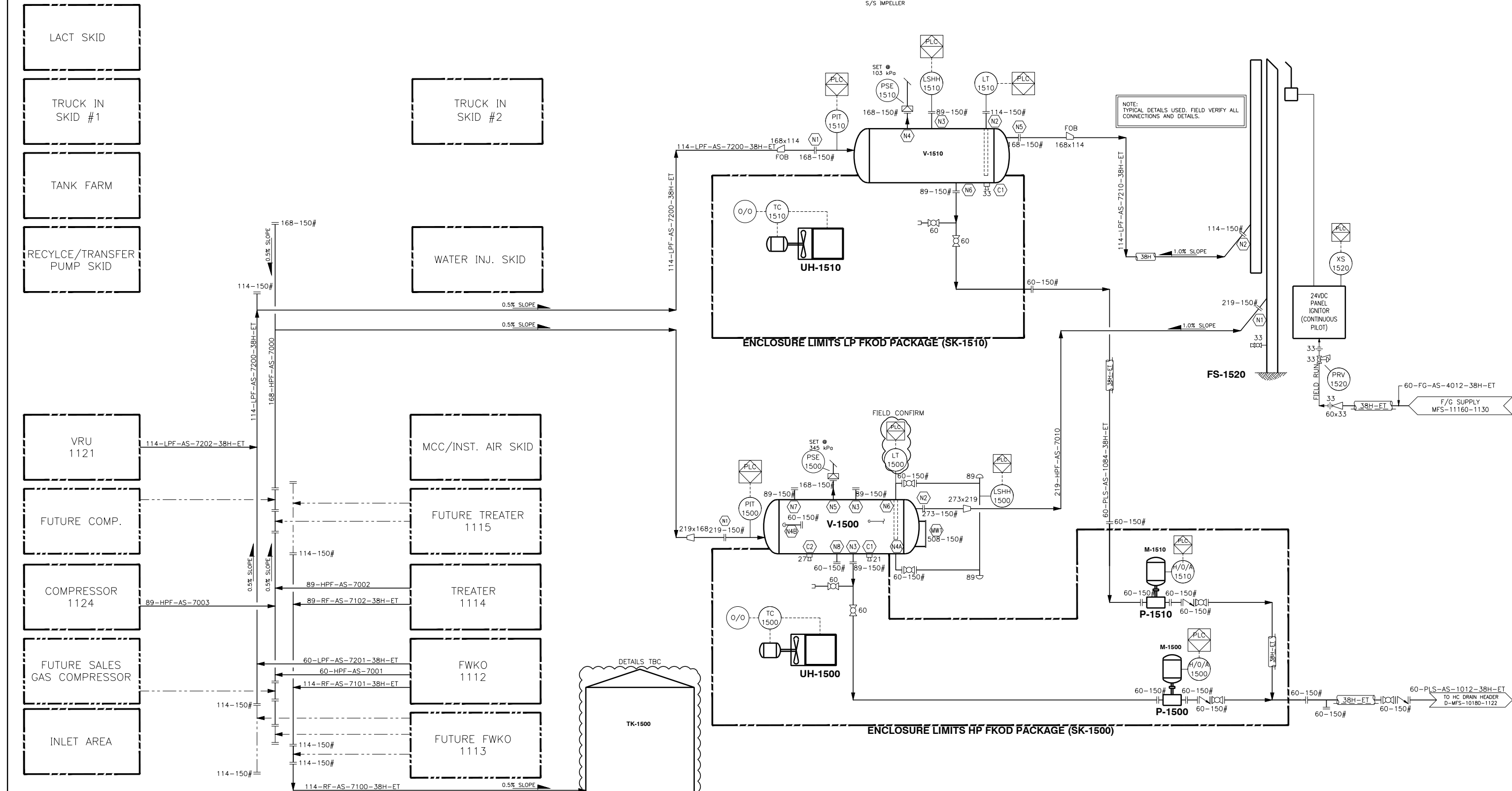
Engineering Record

Client	
Approved	
Eng. Check	
Date	
Eng. By	



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM			
INSTRUMENT AIR SKID			
LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1127	D

TK-1500 POP TANK	UH-1500/1510 BUILDING HEATERS	V-1500 HP FLARE KO DRUM 2438mm I/D x 4877mm S/S DP: 345 kPa @ 38°C 167 BBL, SA-516-70N 448 kPa HYDROTESTED	V-1510 LP FLARE KO DRUM 1830mm I/D x 3537mm S/S DP: 103 kPa @ 38°C 50 BBL, DW FIBERGLASS 517 kPa HYDROTESTED	P-1500/1510 HP/LP FKOD PUMPS GRUNDFOS MODEL: CR10-3 60-250# x 60-250# 9.5m ³ /HR @ 340kPa DISCH. 240V/3PH/60Hz 3/4HP S/S IMPELLER	M-1500/1510 HP/LP FKOD PUMP MOTOR	FS-1520 HP/LP FLARE STACK SWATECH 219 x 114mm OD x 18000mm DUAL HP/LP FLARE STACK HCL 3000 PI-24 RETRACTABLE CONTINUOUS PILOT IGNITION 24 VDC AUTO RE-LIGHT
----------------------------	---	--	--	---	---	--

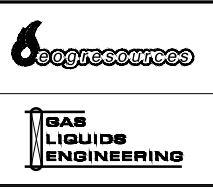


XREF: 11160-PID1 - MASTER.DWG
Q:\11160\PID\11160-1128.DWG
PLOTED: APR 18, 2012 5:05 PM

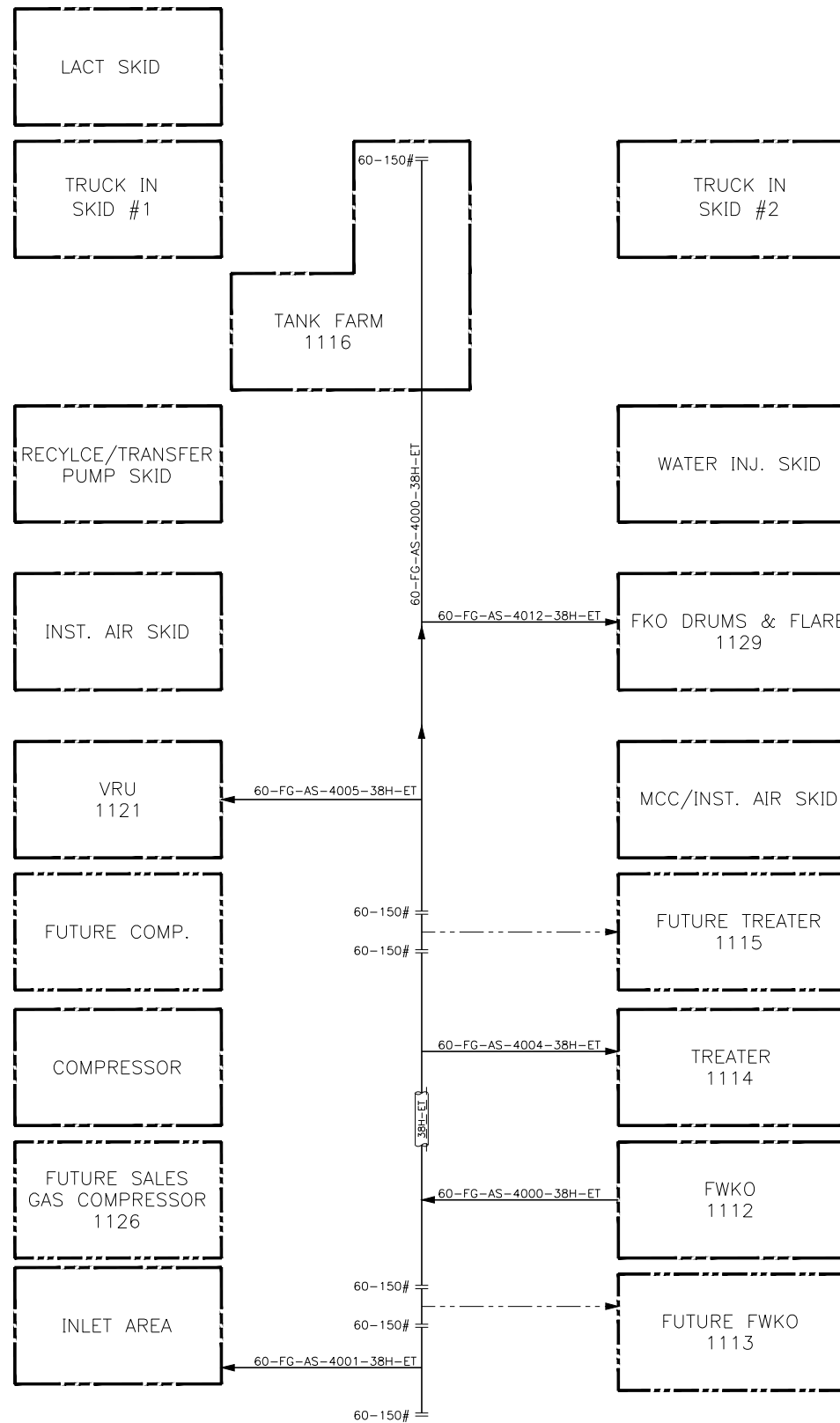
No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
D	ISSUED FOR DESIGN	CSB	12-04-18				
C	ISSUED FOR CLIENT APPROVAL	KTH	12-04-11				
B	ISSUED FOR CLIENT REVIEW	MBC	12-03-20				
A	ISSUED FOR REVIEW	DMO	11-10-06				

Stamps	

Engineering Record	
Client	
Approved	
Eng. Check	
Date	
Eng. By	
IFC	AB



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM POP TANK & FLARE SYSTEM LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1128	D

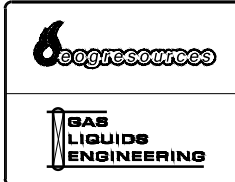


XREF: 11160-PID1 - MASTER.DWG
 Q:\11160\PID\11160-1129.DWG
 PLOTTED: APR 18, 2012 5:05 PM

No.	Revision	By	Date	Chk.	E.Chk	E.App	Client
B	ISSUED FOR DESIGN	CSB	12-04-18				
A	ISSUED FOR CLIENT APPROVAL	CB	12-04-13				

Stamps

Engineering Record		
Client		
Approved		
Eng. Check		
Date		
Eng. By		
	IFC	AB



PIERSON OIL BATTERY			
PROCESS & INSTRUMENTATION DIAGRAM POP TANK & FLARE SYSTEM LSD 04-01-002-28 W1M			
Scale	Size	Drawing Number	Rev.
NTS	D	MFS-11160-1129	B