

Plot Date: Tuesday, 05 November 2013 3:41:50 PM File Name: X:\CRESCENT POINT\MANSON 16-04-13-28 W1M\MECHANICAL\05 LISTS\CRP-MNS-16-04-LL-006.DWG By: RC

LINE DESCRIPTION										PRESSURE (kPa)		TEMP (°C)		SCH OR WALL THK mm	NON-DESTR TEST	PWHT (NOTE 3)	COATINGS OR PAINT	PRESS PROT. PSV/OPPSD	COMMENTS	REV
SIZE	CODE	SPEC	NO	INSUL	TRACE	FROM	TO	DRAWING NUMBER	DESIGN	TEST (1)	DESIGN	MDMT								
114	P	A1	130	-	-	114-P-A1-012-38H-ET	V-101	PID-010	1965	2948	38	-29	40	R	YES	P&P IC	PSV		1	
114	P	A1	131	-	-	V-101	XV-1011	PID-010	1965	2948	38	-29	40	R	YES	P&P IC	PSV		1	
114	P	A1	132	-	-	XV-1011 ON 114-P-A1-131	114-P-A1-016-38H-ET	PID-010	1965	2948	38	-29	40	R	YES	P&P IC	PSV		1	
60	P	A1	133	-	-	V-101	PSV-1010	PID-010	1965	2948	38	-29	80	R	YES	P&P IC	PSV		1	
89	P	A1	134	-	-	114-P-A1-131	89-P-A1-142	PID-010/011	1965	2948	38	-29	40	R	YES	P&P IC	PSV		1	
89	P	A1	135	-	-	89-P-A1-143	114-P-A1-131	PID-011/010	1965	2948	38	-29	40	R	YES	P&P IC	PSV		1	
114	P	A1	136	-	-	114-P-A1-013-38H-ET	V-102	PID-009	1965	2948	38	-29	40	R	YES	P&P IC	PSV		1	
114	P	A1	137	-	-	V-102	XV-1021	PID-009	1965	2948	38	-29	40	R	YES	P&P IC	PSV		1	
114	P	A1	138	-	-	XV-1021 ON 114-P-A1-137	114-P-A1-015-38H-ET	PID-009	1965	2948	38	-29	40	R	YES	P&P IC	PSV		1	
60	P	A1	139	-	-	V-102	PSV-1020	PID-009	1965	2948	38	-29	80	R	YES	P&P IC	PSV		1	
89	P	A1	140	-	-	114-P-A1-137	89-P-A1-142	PID-009/011	1965	2948	38	-29	40	R	YES	P&P IC	PSV		1	
89	P	A1	141	-	-	89-P-A1-143	114-P-A1-137	PID-011/009	1965	2948	38	-29	40	R	YES	P&P IC	PSV		1	
89	P	A1	142	-	-	89-P-A1-134 & 89-P-A1-140	89-P-A1-010-25H-ET	PID-011	1965	2948	38	-29	40	R	YES	P&P IC	PSV		1	
89	P	A1	143	-	-	89-P-A1-011-25H-ET	89-P-A1-135 & 89-P-A1-141	PID-011	1965	2948	38	-29	40	R	YES	P&P IC	PSV		1	
168	PO	A1	150	-	-	168-PO-A1-047	P-204	PID-010	1965	2948	38	-29	40	R	YES	P&P	PSV		1	
114	PO	A1	151	-	-	P-204	114-P-A1-131	PID-010	1965	2948	38	-29	40	R	YES	P&P	PSV		1	
168	PO	A1	152	-	-	114-P-A1-131	168-PO-A1-050	PID-010	1965	2948	38	-29	40	R	YES	P&P IC	PSV	SEE ISO 168-PO-A1-150 FOR INTERNAL COATING LIMITS	1	
114	PO	A1	153	-	-	XV-1011 ON 114-P-A1-131	114-PO-A1-051	PID-010	1965	2948	38	-29	40	R	YES	P&P	PSV		1	
168	PO	A1	154	-	-	168-PO-A1-048	P-205	PID-009	1965	2948	38	-29	40	R	YES	P&P	PSV		1	
114	PO	A1	155	-	-	P-205	114-P-A1-137	PID-009	1965	2948	38	-29	40	R	YES	P&P	PSV		1	
168	PO	A1	156	-	-	114-P-A1-137	168-PO-A1-049	PID-009	1965	2948	38	-29	40	R	YES	P&P IC	PSV	SEE ISO 168-PO-A1-156 FOR INTERNAL COATING LIMITS	1	
114	PO	A1	157	-	-	XV-1021 ON 114-P-A1-137	114-PO-A1-053	PID-009	1965	2948	38	-29	40	R	YES	P&P	PSV		1	
114	PW	A5	160	-	-	XV-1014 ON 114-P-A1-131	114-PW-A5-091-38H-ET	PID-010	1896	2844	38	-29	40	R	CODE	P&P	PSV		0	
114	PW	A5	161	-	-	XV-1024 ON 114-P-A1-137	114-PW-A5-092-38H-ET	PID-009	1896	2844	38	-29	40	R	CODE	P&P	PSV		0	
48	DR	A1	250	-	-	LEVEL GAUGE DRAIN HEADER	T-824	PID-008/009/010/011	ATM	100	38	-29	160	R	YES	P&P	PSV	BUBBLE TEST, NON CODE	0	
48	DR	A1	251	-	-	F-100	48-DR-A1-255	PID-010	ATM	100	38	-29	160	R	YES	P&P	PSV	BUBBLE TEST, NON CODE	0	
48	DR	A1	252	-	-	P-204 DRIP PAN	T-825	PID-010/011	ATM	100	38	-29	160	R	YES	P&P	PSV	BUBBLE TEST, NON CODE	0	
48	DR	A1	253	-	-	F-110	48-DR-A1-255	PID-009	ATM	100	38	-29	160	R	YES	P&P	PSV	BUBBLE TEST, NON CODE	0	
48	DR	A1	254	-	-	P-205 DRIP PAN	T-825	PID-009/011	ATM	100	38	-29	160	R	YES	P&P	PSV	BUBBLE TEST, NON CODE	0	
48	DR	A1	255	-	-	STRAINER DRAIN HEADER	T-824	PID-008/009/010/011	ATM	100	38	-29	160	R	YES	P&P	PSV	BUBBLE TEST, NON CODE	0	
60	V	A1	451	-	-	PSV-1010	89-V-A1-453	PID-010	ATM	100	38	-29	80	R	YES	P&P	PSV	BUBBLE TEST, NON CODE	0	
48	V	A1	452	-	-	60-P-A1-133	89-V-A1-453	PID-010	ATM	100	38	-29	160	R	YES	P&P	PSV	BUBBLE TEST, NON-CODE	0	
89	V	A1	453	-	-	HEADER	89-V-A1-421	PID-008/009/010	ATM	100	38	-29	40	R	YES	P&P	PSV	BUBBLE TEST, NON CODE	0	
33	V	A1	454	-	-	PSV-1011 & PSV-1012	89-V-A1-453	PID-010	ATM	100	38	-29	160	R	YES	P&P	PSV	BUBBLE TEST, NON CODE	0	
60	V	A1	455	-	-	PSV-1020	89-V-A1-453	PID-009	ATM	100	38	-29	80	R	YES	P&P	PSV	BUBBLE TEST, NON CODE	0	
48	V	A1	456	-	-	60-P-A1-139	89-V-A1-453	PID-009	ATM	100	38	-29	160	R	YES	P&P	PSV	BUBBLE TEST, NON-CODE	0	
33	V	A1	457	-	-	PSV-1021 & PSV-1022	89-V-A1-453	PID-009	ATM	100	38	-29	160	R	YES	P&P	PSV	BUBBLE TEST, NON CODE	0	
60	V	A1	458	-	-	T-824	89-V-A1-453	PID-011/008	ATM	100	38	-29	80	R	YES	P&P	PSV	BUBBLE TEST, NON CODE	0	
33	IA	A0	550	-	-	60-IA-A0-503	HEADER	PID-008	1035	SERVICE	38	-29	40	PT	-	P&P	PSV	BUBBLE TEST, CATEGORY D FLUID SERVICE	0	

INSULATING & TRACING: C Cold Insulation  
H Heat Insulation  
A Acoustic Insulation  
PP Personnel Insulation  
\*\*\* Glass Foam Insulation  
Underground Only

ET Electric Trace  
ST Steam Trace  
GT Glycol Trace  
OT Hot Oil Trace  
TC Heat Transfer Cement  
(On Tracing)

TESTING: VE Visual Examination  
MP Magnetic Particle  
LP Liquid Penetrant  
UE Ultrasonic Examination

R 100% Radiography of 100%  
RR Random Radiography (100% of 10%)  
SR Spot Radiography  
PT Pneumatic Test  
\*\* Service Test CAT. "D" Fluid

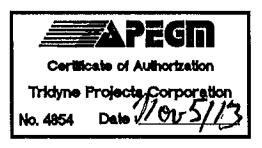
CLEANING: MC Mechanically Clean  
CC Chemically Clean  
SO Steam-out  
CO Dry-out  
DF Detergent Flush

COATING & PAINT: P&P Prime & 2 Coats English Paint  
IC INTERNALLY COAT WITH DEVCO 253

NOTE:  
1. HYDROTEST TO 1.5 x FLANGE CLASS 38°C RATING UNLESS WALL THICKNESS LIMITS.  
2. ALL PIPING SYSTEMS DESIGNED TO ASME B31.3 (2012) UNLESS NOTED OTHERWISE.  
3. WELD PROCEDURE AND HARDNESS TESTING CAN BE USED IN LIEU OF STRESS RELIEVING PER CPEC'S SOUR SERVICE SUPPLEMENT.

FOR CONSTRUCTION

NOV 05 2013



PROJ. No.	REV.	REVISION DESCRIPTION	DATE	BY	CHK'D	APP'D
2012126	1	RE-ISSUED FOR METER BUILDING CONSTRUCTION	2013.10.31	RAC		
2012126	0	ISSUED FOR METER BUILDING CONSTRUCTION	2013.10.23	RAC		

TRIDYNE PROJ. No.: 2012126
DATE: 2013.07.18
DRAWN BY: R. Clark
CHECKED:
APPROVED:

**Crescent Point**  
ENERGY CORP

**TRIDYNE PROJECTS**  
CORPORATION

MANSON BATTERY	
LSD:16-04-13-28 W1M	
MANSON BATTERY TRUCK STATION METER BUILDING LINE LIST	
SCALE (D-SIZE): NONE	DWG No.: CRP-MNS-16-04-LL-006
REV. 1	