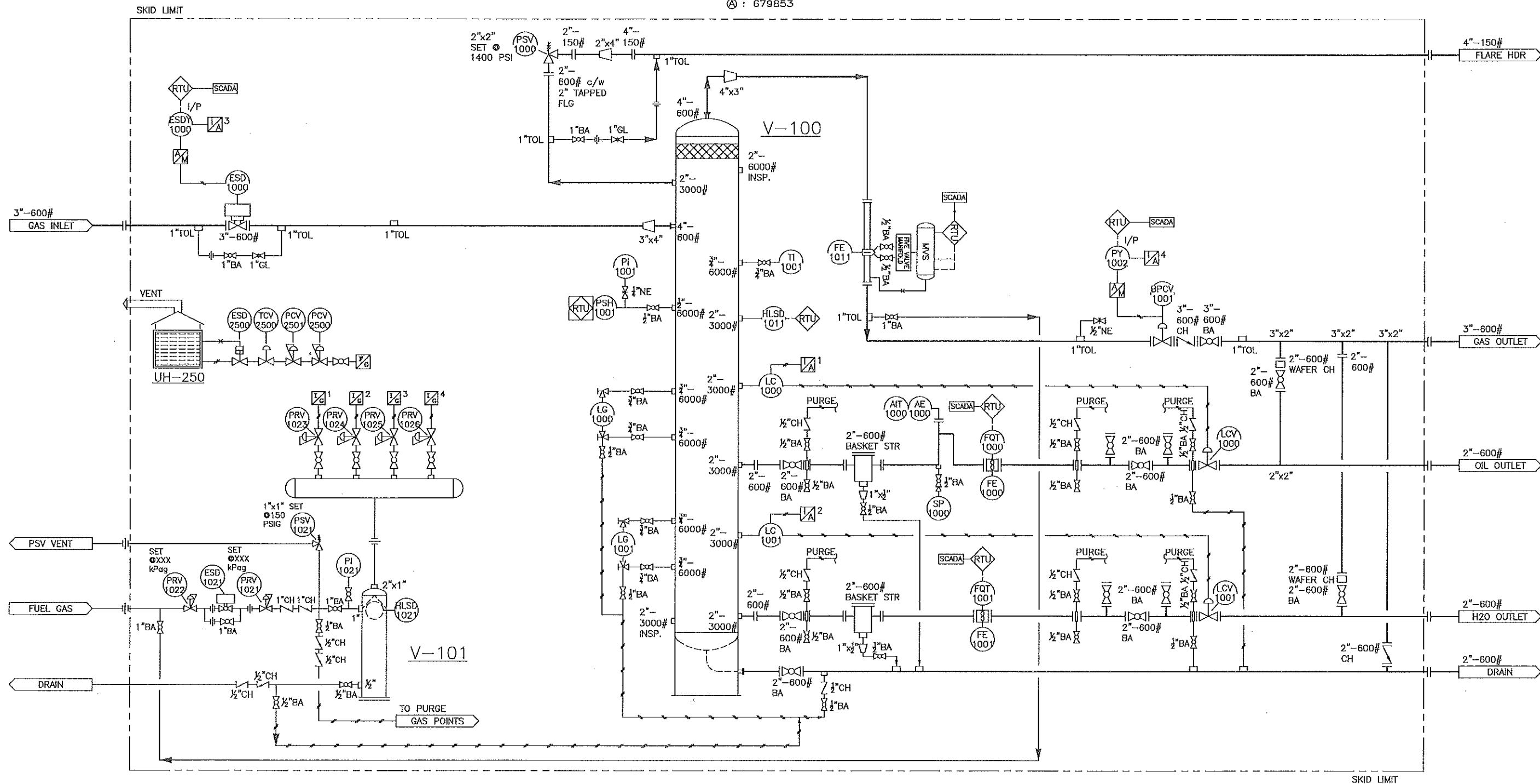


THIS DRAWING IS THE PROPERTY OF E & M OILFIELD SERVICES LTD. AND MAY NOT BE REPRODUCED WITHOUT THEIR WRITTEN CONSENT

UH-250
BUILDING HEATER
MODEL: ELECTRIC HEATER

V-101
FUEL GAS SCRUBBER
SIZE: 6" OD x 32" S/S
DESIGN: 150 PSIG @ -20°F TO 100°F
SERIAL: 1006.2165
CRN: OH2299.2134
CA: 1/8"

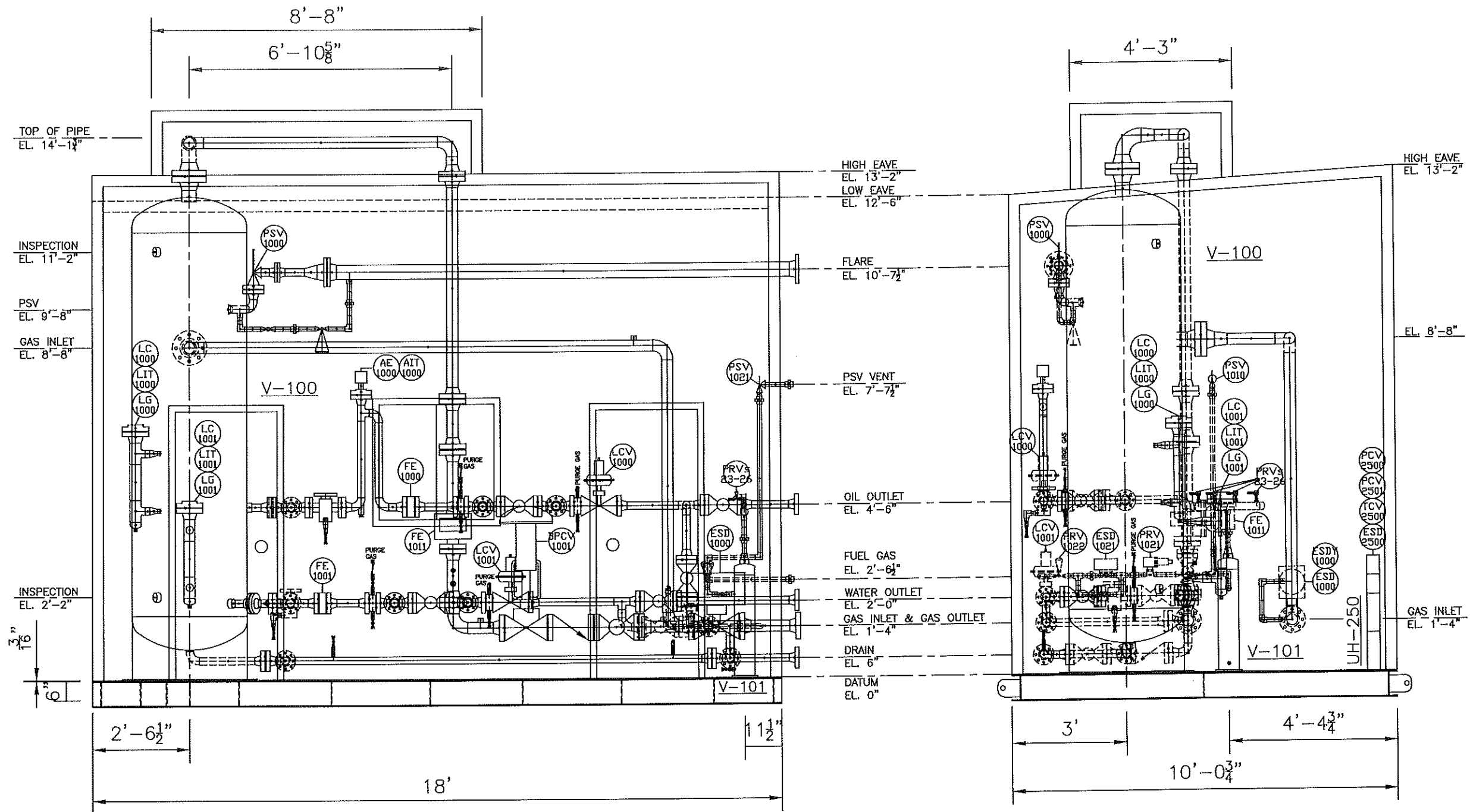
V-100
3 PHASE SEPARATOR
SIZE: 36" OD x 10'-0" S/S
DESIGN: 1440 PSIG @ -20°F TO 130°F
SERIAL: PE-14041
CRN: V7854.213
CA: 1/8"
A: 679853



DRAWING NUMBER	DRAWING TITLE
	REFERENCE DRAWINGS
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REV.	DESCRIPTION	DATE
2	REVISED	JM EJ APR 15 '24
1	CHANGED PIPING SIZE - INLET & OUTLET FROM 4" TO 3"	JM EJ FEB 28 '23
0	ISSUED FOR CONSTRUCTION	JM EJ FEB 7 '23
A	ISSUED FOR APPROVAL	JM EJ JAN 09 '23
BY CHK'D ENG. DATE		

E & M OILFIELD SERVICES LTD.	
CLIENT:	
TITLE: 36" OD x 10'-0" S/S FULL SOUR SEPARATOR PROCESS & INSTRUMENTATION DIAGRAM LSD:	
DRAWING NUMBER: KE-0123-PID	REVISION: 2



FRONT ELEVATION VIEW

SIDE ELEVATION VIEW

DRAWING NUMBER	DRAWING TITLE
	REFERENCE DRAWINGS
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REV.	REVISION	BY	CHK'D	ENCL.	DATE
2	REVISED	JM	EJ		APR 15 '24
1	CHANGED PIPING SIZE - INLET & OUTLET FROM 4" TO 3"	JM	EJ		FEB 28 '23
0	ISSUED FOR CONSTRUCTION	JM	EJ		FEB 7 '23
A	ISSUED FOR APPROVAL	JM	EJ		JAN 9 '23

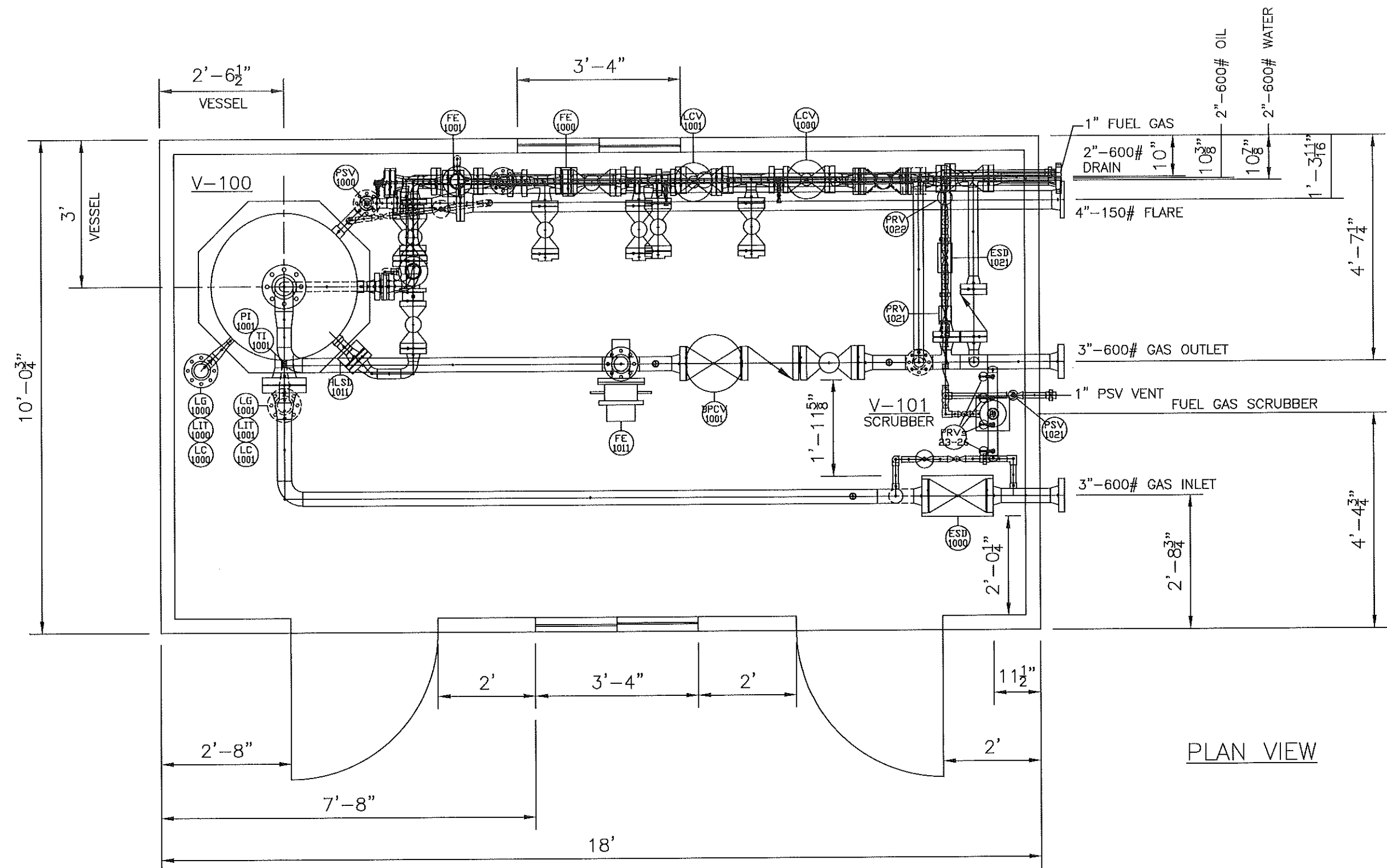
DRAWN BY	JM
CHK'D BY	EJ
APPR. BY	-
SCALE	3/4"=1'-0"

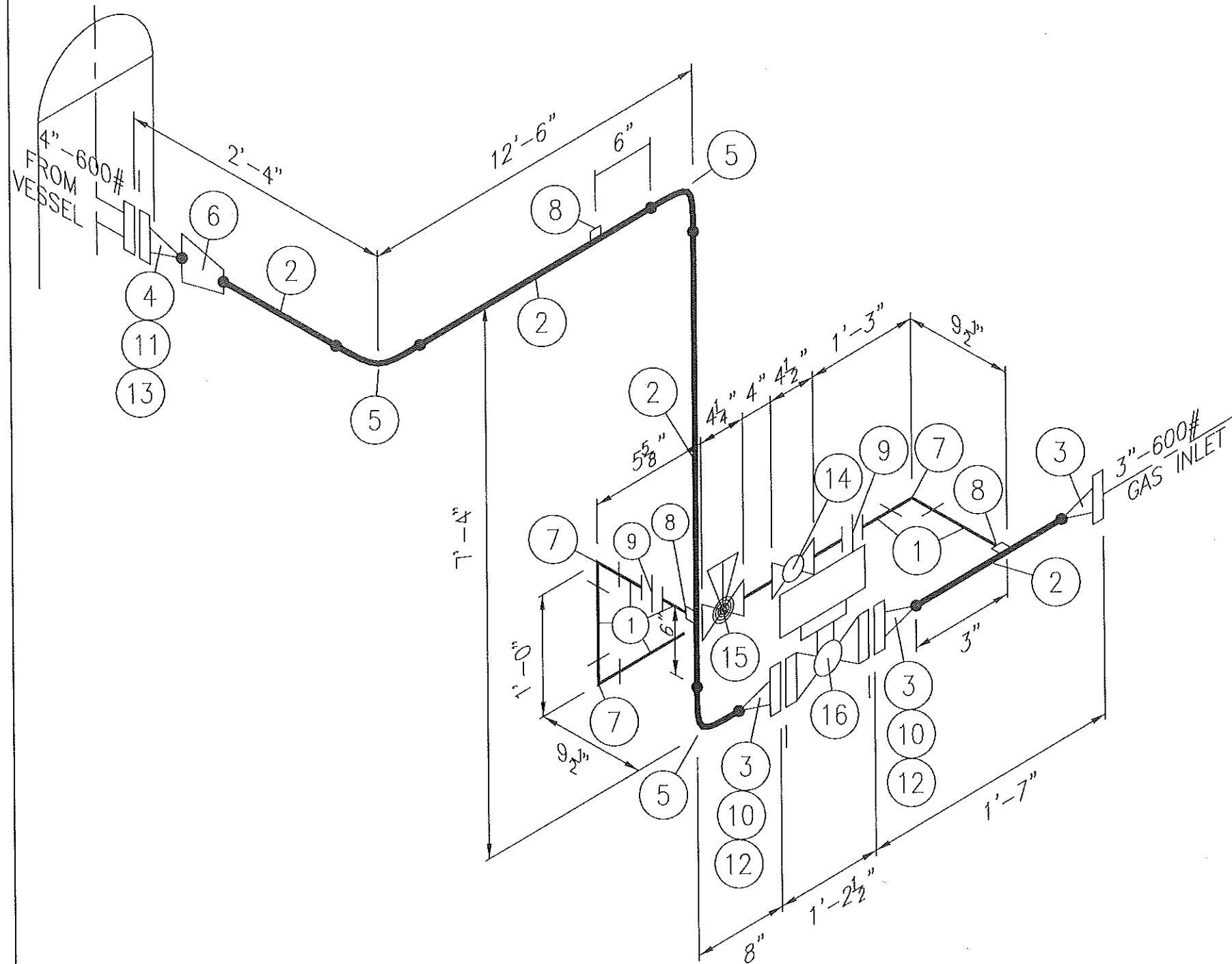
E & M OILFIELD
SERVICES LTD.

CLIENT:
TITLE: 36" OD X 10'-0" S/S FULL SOUR SEPARATOR
ELEVATION VIEW
LSDI

DRAWING NUMBER
KE-0123-ELEV

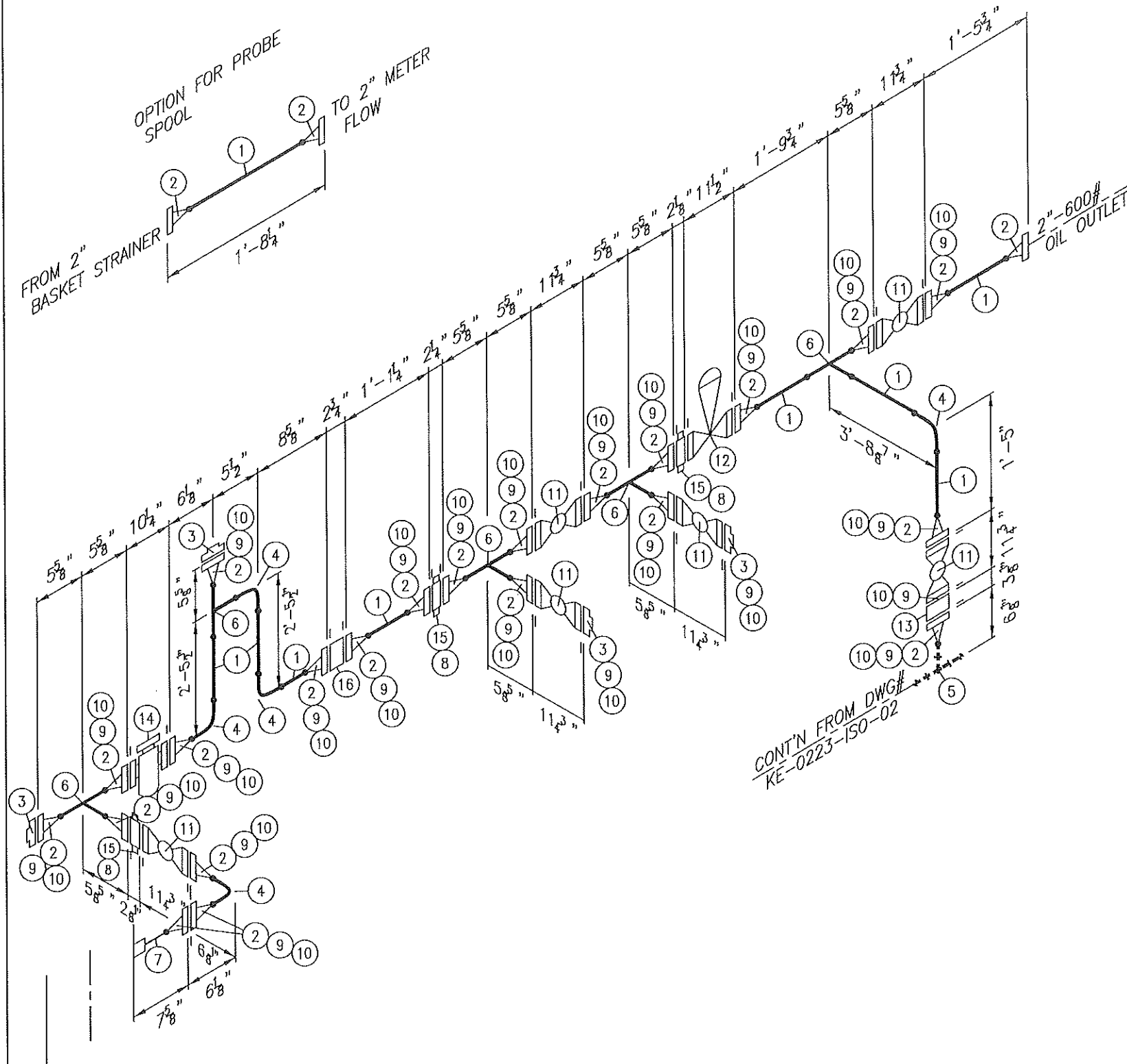
REVISION
2

[illegible]



BILL OF MATERIAL						
Pipe						
Num	Length	Size	Sch.	Description	Material	
1		1"	XS	PIPE SMLS	A106 GR. B	
2		3"	SCH. 80	PIPE SMLS	A106 GR. B	
Flanges						
Num	Qty	Size	Rating	Sch.	Description	Material
3	3	3"	600#	SCH.80	FLANGE RF WN	A105N
4	1	4"	600#	SCH. 80	FLANGE RF WN	A105N
Weld Fittings						
Num	Qty	Size	Sch.	Description	Material	
5	3	3"	SCH.80	ELBOW 90 DEG LR BW	A234 GR. WPB	
6	1	4" X 3"	SCH.80	CONC REDUCER BW	A234 GR. WPB	
Screwed and Socket Weld Fittings						
Num	Qty	Size	Rating	Description	Material	
7	3	1"	3000#	ELBOW 90 DEG THRD	A105N	
8	3	1" ON 3"	3000#	THREDOLET	A105N	
9	2	1"	3000#	UNION THRD	A105N	
Gaskets						
Num	Qty	Size	Rating	Description	Material	
10	2	3"	600#	GASKET RF 1/8" SPIRAL WOUND	316 SS	
11	1	4"	600#	GASKET RF 1/8" SPIRAL WOUND	316 SS	
Bolts						
Num	Qty	Size	Description	Material		
12	2 SETS	3/4" X 5"	STUD BOLTS CW/2 NUTS-8/SET	A193 B7 W/A194 2H		
13	1 SETS	7/8" X 5 3/4"	STUD BOLTS CW/2 NUTS-8/SET	A193 B7 W/A194 2H		
Valves						
Num	Qty	Size	Rating	Description	Tag	Material
14	1	1"	800#	BALL VALVE THRD	BA602	CS
15	1	1"	800#	GLOBE VALVE THRD	GL603	CS
16	1	3"	600#	ESD VALVE RF	BA601	CS

DRAWING NUMBER		DRAWING TITLE		E & M OILFIELD SERVICES LTD.	
REFERENCE DRAWINGS		CLIENT		TITLE	
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REV.		REVISION		2	
2		REVISED		APR 15 '24	
1		CHANGED PAPER SIZE FROM 4" TO 3"		FEB 28 '23	
0		ISSUED FOR CONSTRUCTION		FEB 7 '23	
A		ISSUED FOR APPROVAL		JAN 12 '23	
BY		CHKD		DATE	



BILL OF MATERIAL

Pipe

Num	Length	Size	Sch.	Description	Material
1		2"	SCH. 80	PIPE SMLS	A106 GR. B

Flanges

Num	Qty	Size	Rating	Sch.	Description	Material
2	23	2"	600#	SCH. 80	FLANGE RF WN	A105N
3	4	2"	600#		TAPPED FLANGE RF	A105N

Weld Fittings

Num	Qty	Size	Sch.	Description	Material
4	5	2"	SCH.80	ELBOW 90 DEG LR BW	A234 GR. WPB
5	1	3" X 2"	SCH.80	REDUCING TEE BW	A234 GR. WPB
6	5	2" X 2"	SCH.80	STRAIGHT TEE BW	A234 GR. WPB

Screwed and Socket Weld Fittings

Num	Qty	Size	Rating	Description	Material
7	1	2"		NIPPLE	A106 GR. B
8	6	1/2" ON 2"	3000#	THREDOLET	A105N

Gaskets

Num	Qty	Size	Rating	Description	Material
9	26	2"	600#	GASKET RF 1/8" SPIRAL WOUND	316 SS

Bolts

Num	Qty	Size	Description	Material
10	26 SETS	5/8" X 4 1/4"	STUD BOLTS CW/2 NUTS-8/SET	A193 B7 W/A194 2H

Valves

Num	Qty	Size	Rating	Description	Tag	Material
11	6	2"	600#	BALL VALVE FULL PORT RF	BA601	CS
12	1	2"	600#	DUMP CONTROL VALVE		
13	1	2"	600#	WAFER CHECK VALVE	CH601	CS

Miscellaneous

Num	Qty	Size	Rating	Description	Tag	Material
14	1	2"	600#	BASKET STRAINER		
15	3	2"	600#	BLEED RINGS		
16	1	2"	600#	METER FLOW		

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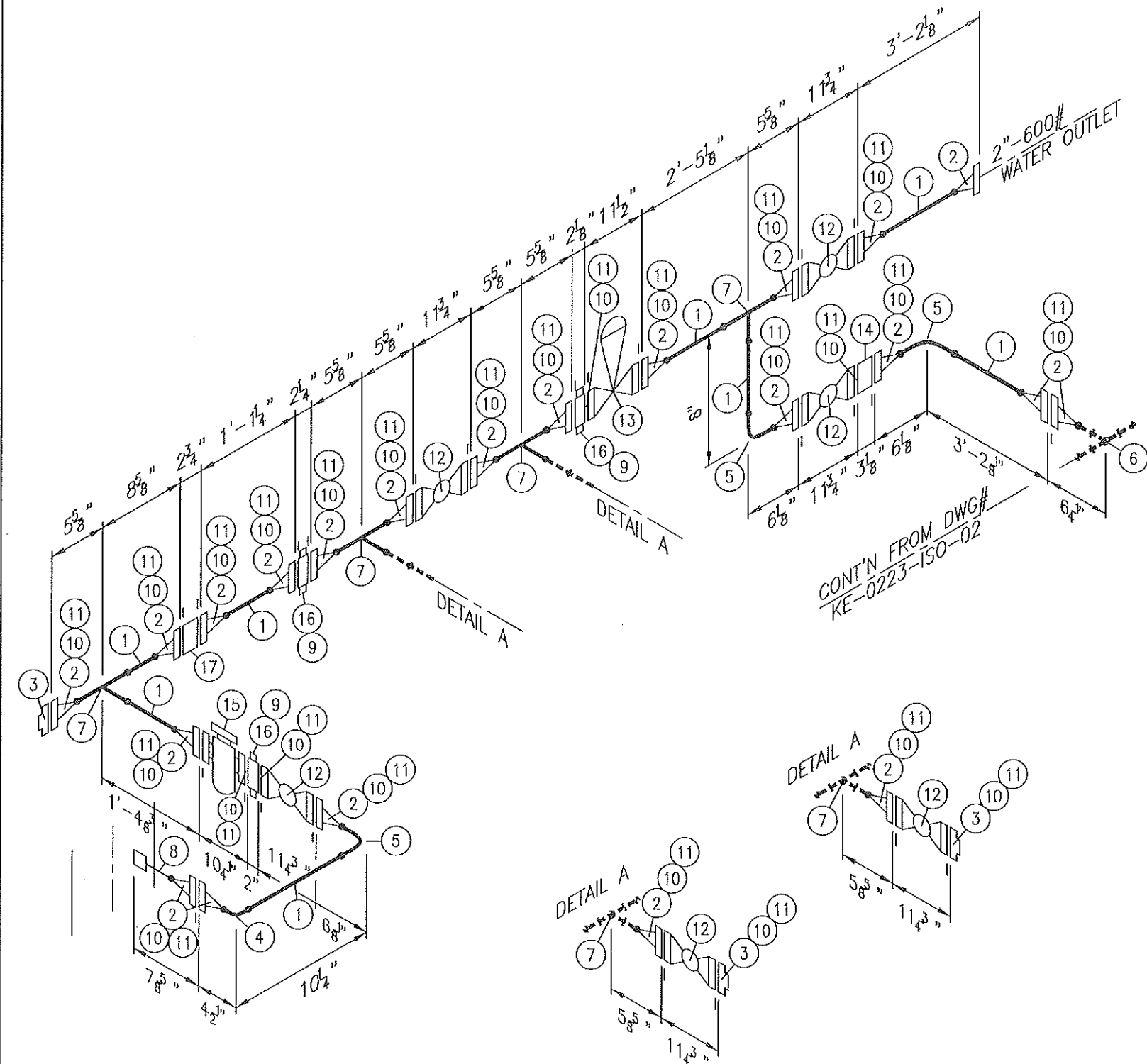
REV.	REVISION	DATE	BY	CHKD	ENR.	DATE	CLIENT	TITLE	DRAWING NUMBER	REVISION
2	REVISED	JULY 17 '23	JM	EJ						
1	RE-ISSUED FOR CONSTRUCTION	MAR 1 '23	JM	EJ						
0	ISSUED FOR CONSTRUCTION	FEB 7 '23	JM	EJ						
A	ISSUED FOR APPROVAL	JAN 16 '23	JM	EJ						

E & M OILFIELD
SERVICES LTD.

2"-600# OIL OUTLET
36" FULL SOUR SEPARATOR
ISOMETRIC DRAWING

KE-0123-ISO-03

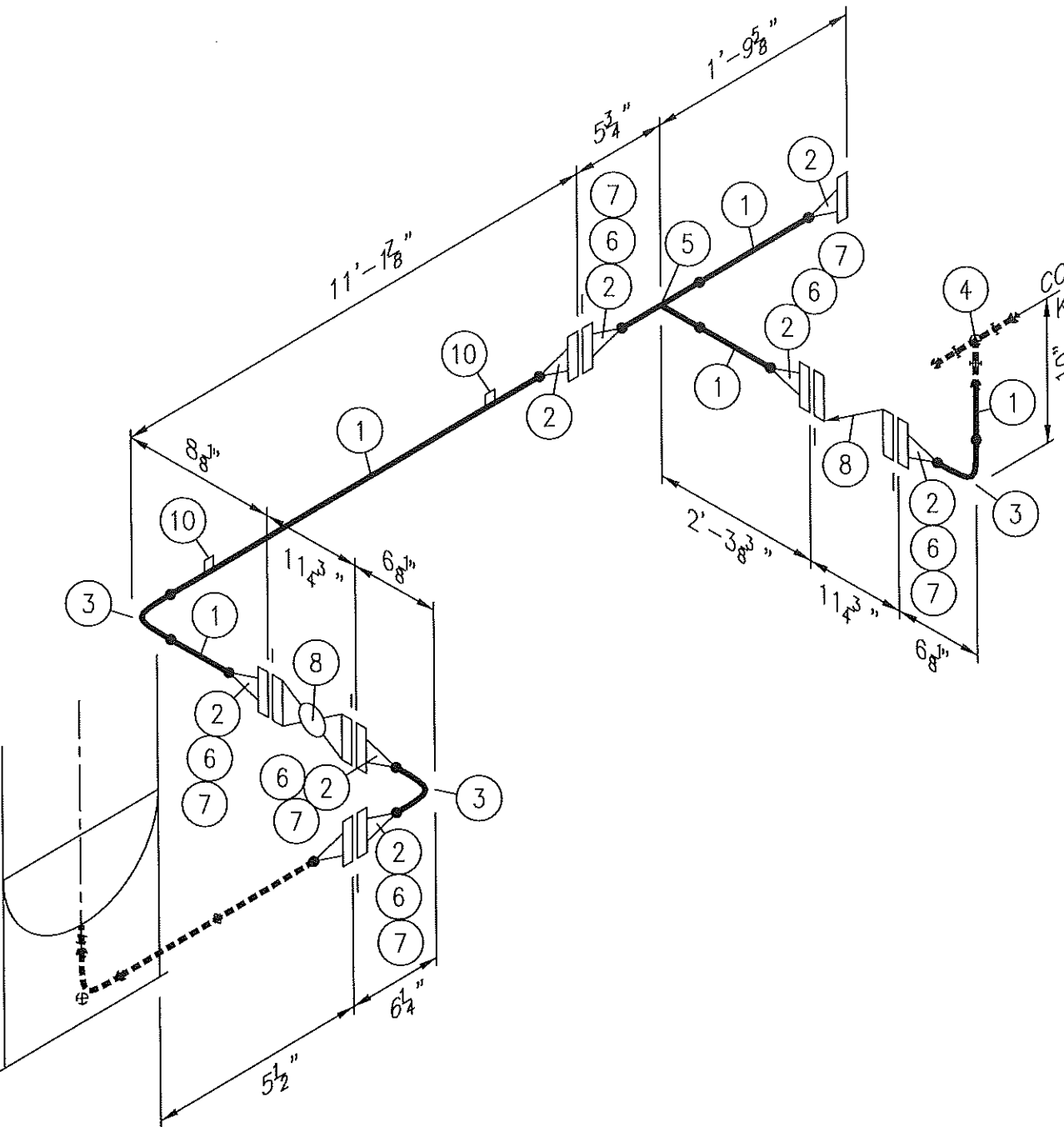
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2	REVISED	JM	EJ	JULY 17 '23
1	RE-ISSUED FOR CONSTRUCTION	JM	EJ	MAY 1 '23
0	ISSUED FOR CONSTRUCTION	JM	EJ	FEB 7 '23
A	ISSUED FOR APPROVAL	JM	EJ	JAN 15 '23
REV.		BY	CHK'D ENG.	DATE

DRAWN BY		JM
CHK'D BY		EJ
APPR. BY		-
SCALE		N.T.S.
CLIENT:		
TITLE:		2\"-600# WATER OUTLET 36\" FULL SOUR SEPARATOR ISOMETRIC DRAWING
DRAWING NUMBER:		KE-0123-ISO-04
REVISION:		2

E & M OILFIELD SERVICES LTD.	
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CONT'N FROM DWG#
KE-0223-ISO-02

BILL OF MATERIAL						
Pipe						
Num	Length	Size	Sch.	Description	Material	
1		2"	SCH. 80	PIPE SMLS	A106 GR. B	
Flanges						
Num	Qty	Size	Rating	Sch.	Description	Material
2	8	2"	600#	SCH. 80	FLANGE RF WN	A105N
Weld Fittings						
Num	Qty	Size	Sch.	Description	Material	
3	3	2"	SCH.80	ELBOW 90 DEG LR BW	A234 GR. WPB	
4	1	3" X 2"	SCH.80	REDUCING TEE BW	A234 GR. WPB	
5	1	2" X 2"	SCH.80	STRAIGHT TEE BW	A234 GR. WPB	
Screwed and Socket Weld Fittings						
Num	Qty	Size	Rating	Description	Material	
10	2	1/2 " ON 2"	3000#	THREAOLET	A105N	
Gaskets						
Num	Qty	Size	Rating	Description	Material	
6	7	2"	600#	GASKET RF 1/8" SPIRAL WOUND	316 SS	
Bolts						
Num	Qty	Size	Description	Material		
7	7 SETS	5/8" X 4 1/4"	STUD BOLTS CW/2 NUTS-8/SET	A193 B7 W/A194 2H		
Valves						
Num	Qty	Size	Rating	Description	Tag	Material
8	1	2"	600#	BALL VALVE FULL PORT RF	BA601	CS
9	1	2"	600#	CHECK VALVE RF		

DRAWING NUMBER		DRAWING TITLE		E & M OILFIELD SERVICES LTD.	
REFERENCE DRAWINGS					
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2		REVISED		JULY 17 '23	
1		RE-ISSUED FOR CONSTRUCTION		JAN 1 '23	
0		ISSUED FOR CONSTRUCTION		FEB 7 '23	
A		ISSUED FOR APPROVAL		JAN 19 '23	
REV.		REVISION		BY	
				DATE	
				CLIENT	
				TITLE	
				2"-600# DRAIN	
				36" FULL SOUR SEPARATOR	
				ISOMETRIC DRAWING	
				DRAWING NUMBER: KE-0123-ISO-05	
				REVISION: 2	

