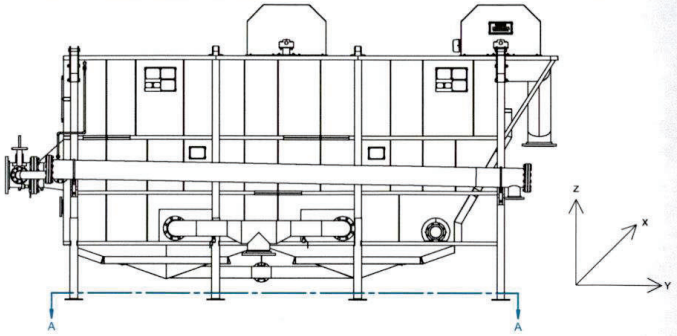
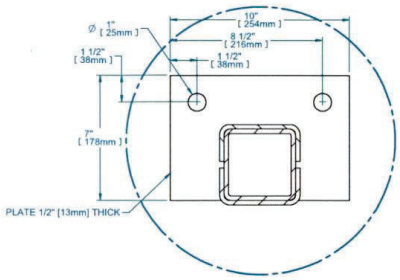
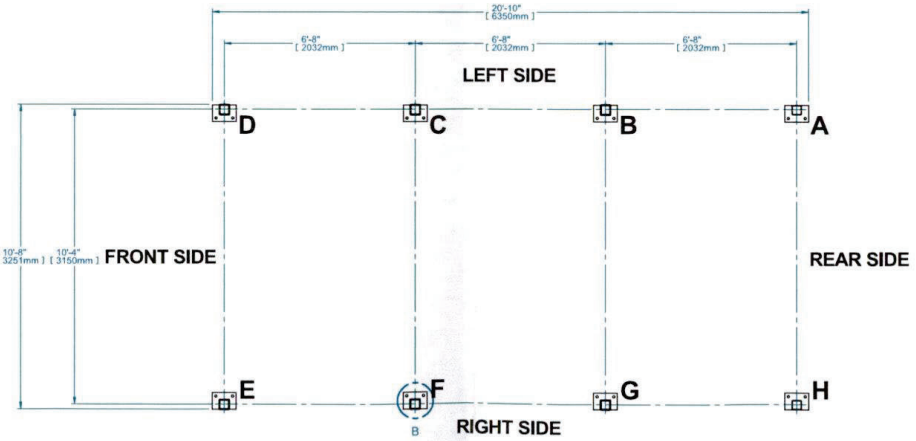




DETAIL B

	Dead Load (clarifier)			Fluid Load (water)			Earthquake load along x			Earthquake load along y			Earthquake vertical load		
Support#	x	y	z	x	y	z	x	y	z	x	y	z	x	y	z
A	1	6	1 581	12	176	10 418	-1 960	-702	-1 015	-126	3 527	-2 999	2	27	1 812
B	-9	2	2 283	-1 423	-33	18 017	-6 227	-926	-5 048	-146	4 687	-2 115	-216	-5	3 066
C	-11	-11	1 956	-1 044	-131	14 567	-5 165	-957	-6 736	77	4 709	266	-159	-21	2 495
D	15	-17	1 742	-114	-653	13 782	-5 064	-910	-4 637	385	4 526	4 699	-15	-101	2 344
E	-19	-9	2 272	485	-502	14 316	-5 057	895	4 211	46	4 838	5 414	70	-77	2 505
F	-1	2	2 347	1 106	12	14 375	-4 966	953	6 596	-45	5 055	410	167	2	2 525
G	-10	14	2 709	1 354	120	18 028	-6 045	954	6 572	-125	5 040	-2 227	203	20	3 132
H	35	12	2 010	-48	302	10 583	-1 937	692	56	-65	3 751	-3 447	-2	47	1 901
Total:	0	0	**16 900**	327	-709	**114 086**	-36 422	0	0	0	36 133	0	49	-107	19 780

NOTE: All weights in pounds (lbs)



SECTION A-A

FOUNDATION LAYOUT

Hugo Lessard
144317
Québec
2016.03.08

POSEIDON'S PATENT NUMBERS:
5,365,443 | 0,972,136 | 5,662,804 | ZL98192773,9
6,723,476 | ZL98803624 | 2,172,336 | 3331218
5,779,439 | 727215 | 0,814,885 | 198442
2,281,826 | 5,565,099 | 2,607,800-6 | 694,326
OTHER PATENTS PENDING

CERTIFIED DRAWING
By: H. Lessard
Date: March 8th, 2016

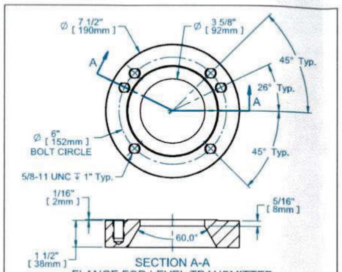
TOLERANCES DU PRODUIT FINAL

poseidon
A division of Engineered Water Environment Group

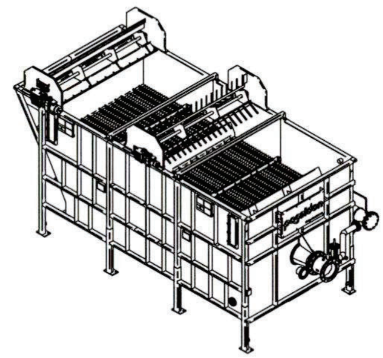
CLIENT: CUSTOMER:	KTG USA, Memphis, TN USA	NO. PROJ: PROJ. NO.:	5555-15
TITRE: TITLE:	PPM 350E	DATE:	2015-11-13
DESS. PAR: DRAWN BY:	g.latouche	ECH. SCALE:	1 : 30
VER. PAR: VER. BY:	H. Lessard	FORMAT:	C

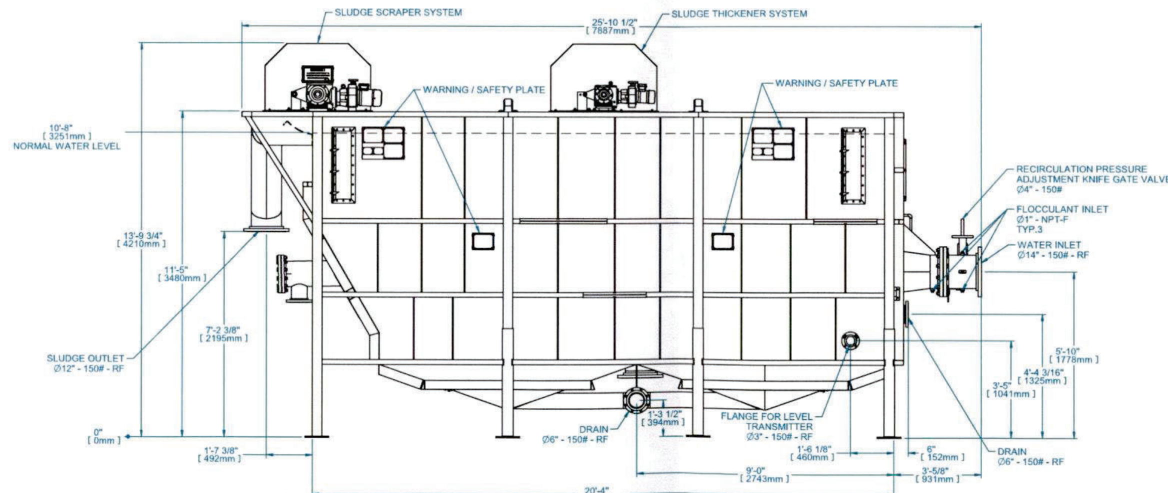
NO	DATE	REVISION	DESS.	VER.
2	2016-03-08	TANK REINFORCEMENT	N.C.	H.L.
1	2016-01-29	FROM THE POSEIPUMP NOZZLE ORIENTATION	N.C.	H.L.
0	2015-11-13	FOR APPROVAL	GL	HL

DESSIN NO: DRAWING NO.: 5555.D.01.03.0083.1H.dft



SECTION A-A
FLANGE FOR LEVEL TRANSMITTER
ø3" - 150# - RF ASME B16.5
1:4





Hugo Lessard
144311
2016.03.08

LEFT VIEW

2	2016-03-08	TANK REINFORCEMENT	N.C.	H.L.
1	2016-01-29	FROM THE POSEIPUMP NOZZLE ORIENTATION	N.C.	H.L.
0	2015-11-13	FOR APPROVAL	GL	HL
NO	DATE	REVISION	DESS.	VER.

POSEIDON'S PATENT NUMBERS:

5,385,443	0,972,136	5,662,804	ZL96192773,9
0,723,476	ZL98803624	2,172,336	3331218
5,779,439	727215	0,814,885	198442
2,281,826	5,565,099	2,607,800-6	694,326

OTHER PATENTS PENDING

CERTIFIED DRAWING

By: H. Lessard

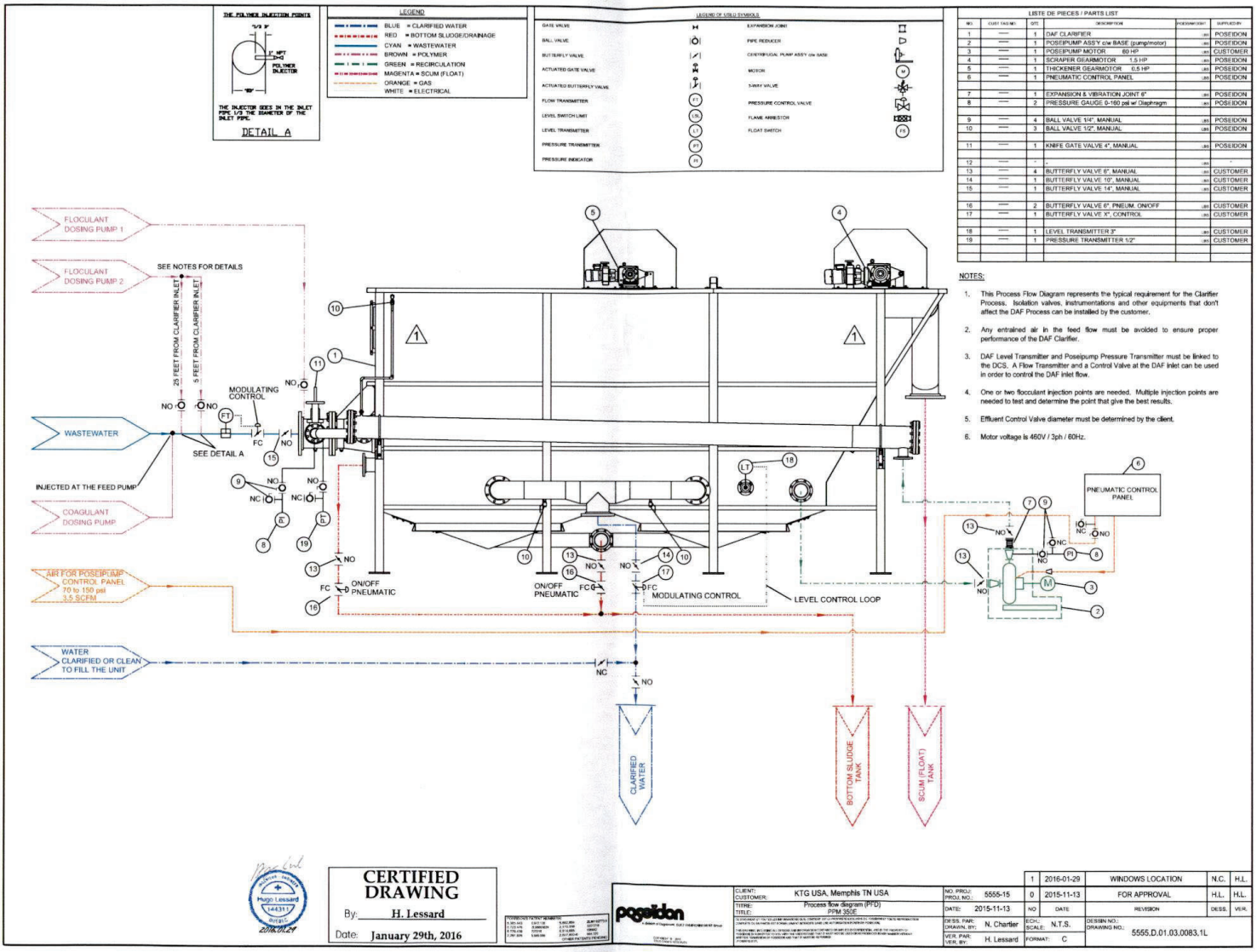
Date: March 8th, 2016

TOLÉRANCES DU PRODUIT FINAL

poseidon

A division of Degrémont, SUEZ ENVIRONNEMENT Group

CLIENT: CUSTOMER:	KTG USA, Memphis, TN USA	NO. PROJ: PROJ. NO.:	5555-15
TITRE: TITLE:	PPM 350E	DATE:	2015-11-05
		DESS. PAR: DRAWN BY:	g.latouche
		VER. PAR: VER. BY:	H. Lessard
ECH. SCALE:	1 : 30	DESSIN NO.: DRAWING NO.:	5555.D.01.03.0083.1C.dft
FORMAT:	C		



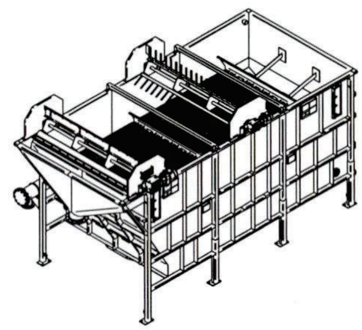
Hugo Lessard 144311 Ingénieur 2016/01/29

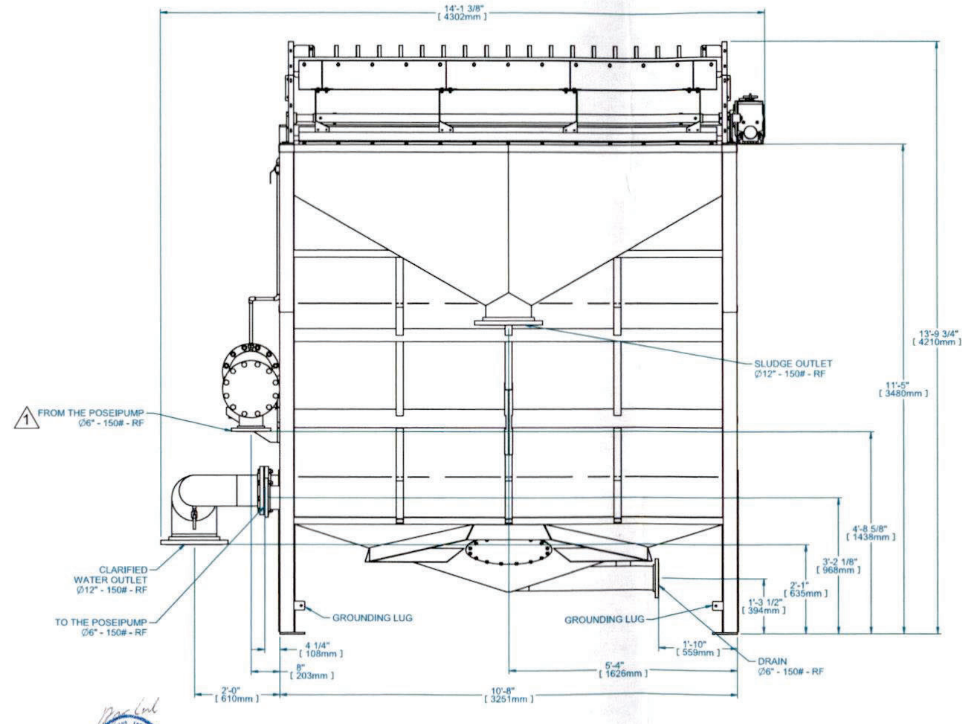
CERTIFIED DRAWING

By: H. Lessard

Date: January 29th, 2016

				1	2016-01-29	WINDOWS LOCATION	N.C. H.L.
				0	2015-11-13	FOR APPROVAL	H.L. H.L.
CLIENT:	KTG USA, Memphis TN USA	NO. PROJ: PROJ. NO.:	5555-15	NO	DATE	REVISION	DESS. VER.
CUSTOMER:							
TITRE:	Process flow diagram (PFD) PPM 350E	DATE:	2015-11-13				
DESS. PAR:	N. Chartier	ECH.: SCALE:	N.T.S.	DESSIN NO.: DRAWING NO.:	5555.D.01.03.0083.1L		
DRAWN. BY:							
VER. PAR: VER. BY:	H. Lessard	FORMAT:	C				





Hugo Lessard 144311 QUÉBEC
2016-03-08

POSEIDON'S PATENT NUMBERS:			
5,385,443	0,972,136	5,662,804	ZL96192773,9
0,723,476	ZL98803624	2,172,336	3331218
5,779,439	727215	0,814,885	198442
2,281,826	5,565,099	2,607,800-6	694,326

OTHER PATENTS PENDING

CERTIFIED DRAWING

By: H. Lessard

Date: March 8th, 2016

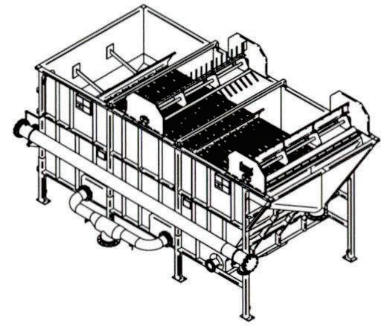
TOLÉRANCES DU PRODUIT FINAL

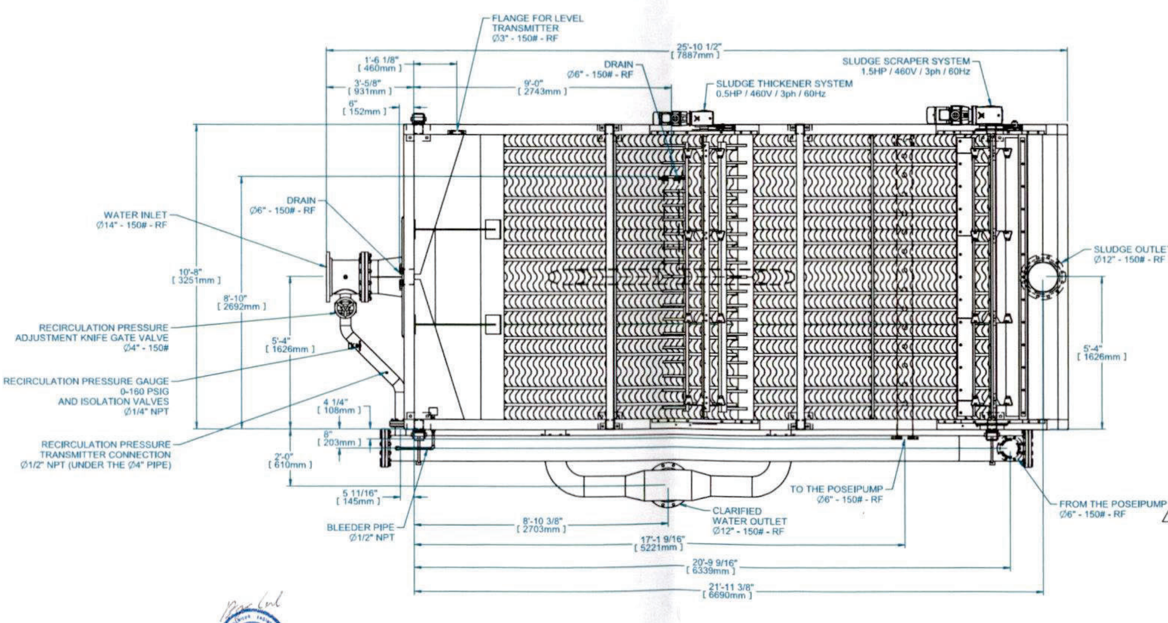
REAR VIEW

NO	DATE	REVISION	DESS.	VER.
2	2016-03-08	TANK REINFORCEMENT	N.C.	H.L.
1	2016-01-29	FROM THE POSEIPUMP NOZZLE ORIENTATION	N.C.	H.L.
0	2015-11-13	FOR APPROVAL	G.L.	H.L.

poseidon

CLIENT: / CUSTOMER:	KTG USA, Memphis, TN USA
NO. PROJ: / PROJ. NO.	5555-15
TITRE: / TITLE:	PPM 350E
DATE	2015-11-05
DESS. PAR: / DRAWN BY:	g.latouche
VER. PAR: / VER. BY:	H. Lessard
ECH. / SCALE:	1 : 20
FORMAT:	C
DESSIN NO.: / DRAWING NO.:	5555.D.01.03.0083.1B.dft





Hugo Lessard 144311 QUÉBEC
2016.03.08

TOP VIEW

POSEIDON'S PATENT NUMBERS:			
5,385,443	0,972,136	5,662,804	ZL96192773,9
0,723,476	ZL98803624	2,172,336	3331218
5,779,439	727215	0,814,885	198442
2,281,826	5,565,099	2,607,800-6	694,326

OTHER PATENTS PENDING

CERTIFIED DRAWING

By: H. Lessard

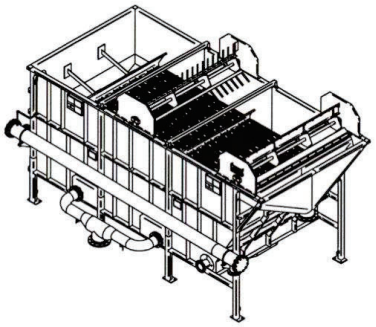
Date: March 8th, 2016

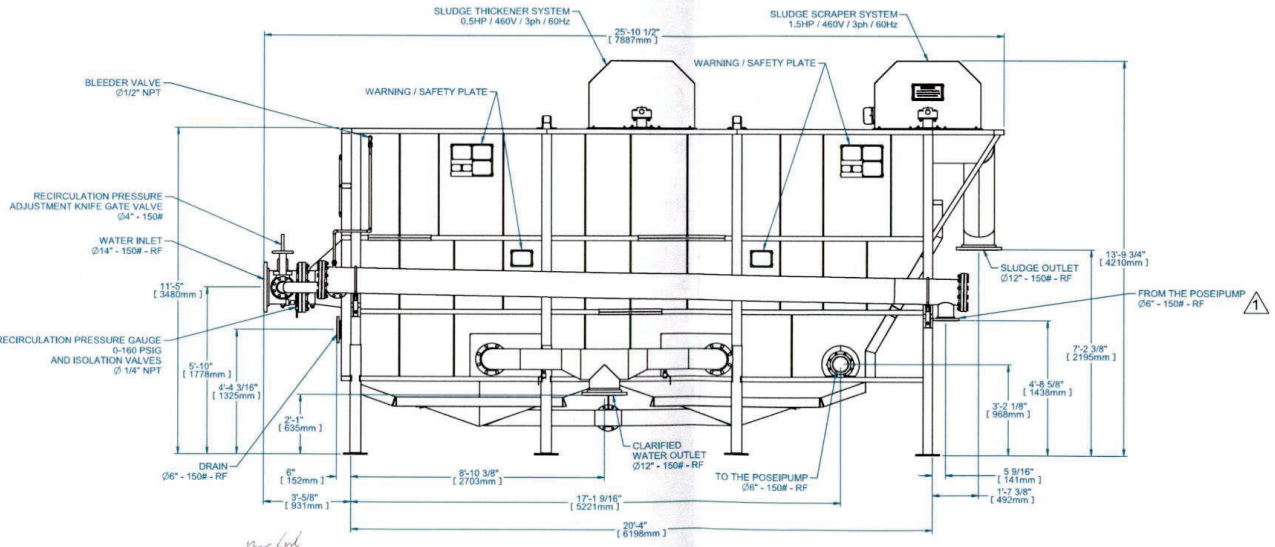
TOLÉRANCES DU PRODUIT FINAL

poseidon

NO	DATE	REVISION	DESS.	VER.
2	2016-03-08	TANK REINFORCEMENT	N.C.	H.L.
1	2016-01-29	FROM THE POSEIPUMP NOZZLE ORIENTATION	N.C.	H.L.
0	2015-11-13	FOR APPROVAL	GL	HL

CLIENT: / CUSTOMER:	KTG USA, Memphis, TN USA
TITRE: / TITLE:	PPM 350E
NO. PROJ: / PROJ. NO.:	5555-15
DATE:	2015-11-13
DESS. PAR: / DRAWN BY:	g.latouche
VER. PAR: / VER. BY:	H. Lessard
ÉCH.: / SCALE:	1 : 30
FORMAT:	C
DESSIN NO.: / DRAWING NO.:	5555.D.01.03.0083.1E.dft





Hugo Lessard
144311
QUÉBEC
2016-03-08

RIGHT VIEW

POSEIDON'S PATENT NUMBERS:

5,385,443	0,972,136	5,662,804	ZL96192773.9
0,723,476	ZL98803824	2,172,336	3331218
5,779,430	727215	0,814,885	196442
2,281,826	5,565,099	2,607,800-6	694,326

OTHER PATENTS PENDING

CERTIFIED DRAWING

By: H. Lessard

Date: March 8th, 2016

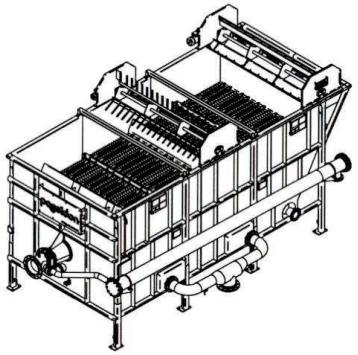
TOLERANCES DU PRODUIT FINAL

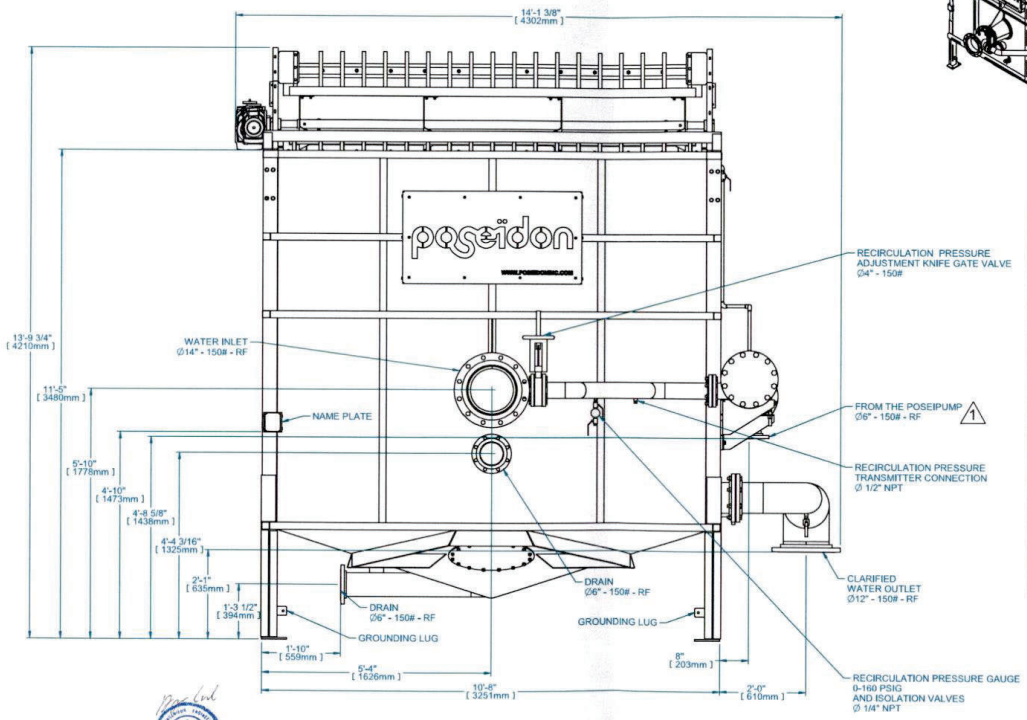
Tolérances des longueurs:		
- 0,5" < longueur ≤ 3,5"	=	+1/8" -1/8"
- 3,5" < longueur ≤ 12"	=	+1/4" -1/4"
- 12" < longueur ≤ 24"	=	+3/8" -3/8"
- 24" < longueur ≤ 120"	=	+1/2" -3/8"
Tolérances des trous brides:		
• Alignement faces / trous	=	1/16" / pied
• Alignement trous des brides / brides	=	1/8" / assemblement maximum
Tolérances des angles:		
- Plugs	=	+0,5 deg. -0,5 deg.
- Dimensions générales	=	+1,0 deg. -1,0 deg.

CLIENT: CUSTOMER:	KTG USA, Memphis, TN USA	NO. PROJ. PROJ. NO.:	5555-15
TITRE: TITLE:	PPM 350E	DATE:	2015-11-05
DESS. PAR: DRAWN BY:	g.latouche	ECH. SCALE:	1 : 30
VER. PAR: VER. BY:	H. Lessard	FORMAT:	C

NO	DATE	REVISION	DESS.	VER.
2	2016-03-08	TANK REINFORCEMENT	N.C.	H.L.
1	2016-01-29	FROM THE POSEIPUMP NOZZLE ORIENTATION	N.C.	H.L.
0	2015-11-13	FOR APPROVAL	GL	HL

DESSIN NO.: DRAWING NO.: 5555.D.01.03.0083.1D.dft





POSEÏDON

A division of Degrémont, SUEZ ENVIRONNEMENT Group

EQUIPMENT #:	
EQUIPMENT NAME:	DAF Clarifier
MODEL:	PPM-350E
SERIAL NUMBER:	5555-151022-PPM350E
CLIENT:	KTG USA Memphis, TN, USA
P.O. NUMBER:	4501349032
WEIGHT EMPTY:	16 000 lb / 7 257 kg
CAPACITY OPERATING:	12 800 gal / 48.5 m3
DESIGN SPECIFIC GRAVITY:	1.0
HYDROSTATIC TEST PRESSURE:	Design liquid level
DESIGN PRESSURE:	Atmospheric
DESIGN LIQUID LEVEL:	10'-1" WC / 3073mmWC
DESIGN TEMPERATURE:	150°F / 65°C
MDMT:	-20°F / -28.9°C
MATERIAL - WETTED:	Stainless steel 304/304L
CORROSION ALLOWANCE:	1/64" / 0.397 mm
YEAR BUILT:	2016

1290 AVE VAN HORNE, SUITE 310
OUTREMONT, (QUEBEC), CANADA, H2V 4S2
TEL.: (514) 270-9593 FAX: (514) 270-9355

NAME PLATE
4-1/4"x 5-1/4" STAINLESS STEEL 304

Hugo Lessard
144311
2016-03-08

FRONT VIEW

CERTIFIED DRAWING

By: H. Lessard

Date: March 8th, 2016

TOLÉRANCES DU PRODUIT FINAL

Tolérances des fractions:		
0 < longueur ≤ 12"	=	+1/8" -1/8"
12" < longueur ≤ 72"	=	+1/4" -1/4"
72" < longueur ≤ 240"	=	+3/4" -1/2"
240" < longueur ≤ 720"	=	+1/2" -3/4"
Tolérances pour autre besoin:		
- Alignement de trous / cotes	=	1/16" / pied
- Alignement de trous des boulons / cotes	=	1/8" / (approximatif maximum)
Tolérances des angles:		
- Plaque	=	+0.5 deg -0.5 deg
- Dimensions générales	=	+1.0 deg -1.0 deg

2	2016-03-08	TANK REINFORCEMENT	N.C.	H.L.			
1	2016-01-29	FROM THE POSEIPUMP NOZZLE ORIENTATION	N.C.	H.L.			
0	2015-11-13	FOR APPROVAL	G.L.	H.L.			
NO.	DATE	REVISION	DESS.	VER.			

poseïdon

A division of Degrémont, SUEZ ENVIRONNEMENT Group

CLIENT: CUSTOMER:	KTG USA, Memphis, TN USA	NO. PROJ: PROJ. NO.:	5555-15
TITRE: TITLE:	PPM 350E	DATE:	2015-11-05
DESS. PAR: DRAWN BY:	g.latouche	ECH. SCALE:	1 : 20
VER. PAR: VER. BY:	H. Lessard	FORMAT:	C

DESSIN NO: DRAWING NO.: 5555.D.01.03.0083.1A.dft