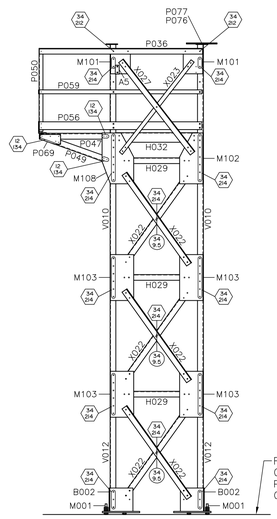

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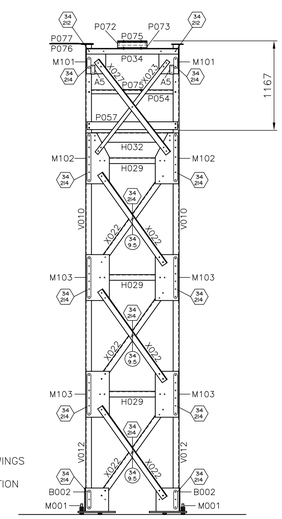

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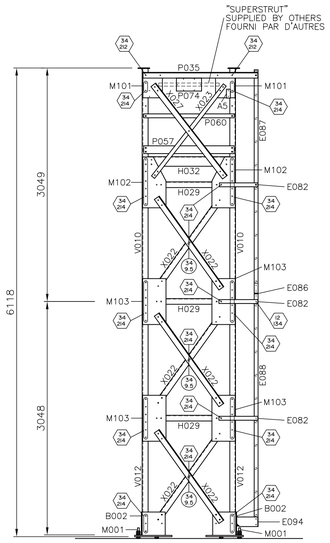

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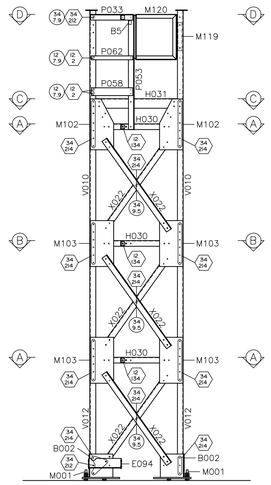

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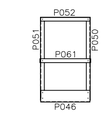

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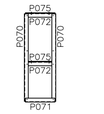

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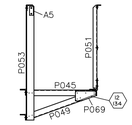
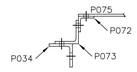
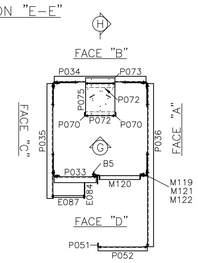


SECTION "E-E"



SECTION "H"
ENLARGED/AGRANDIE



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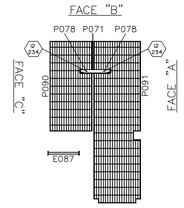
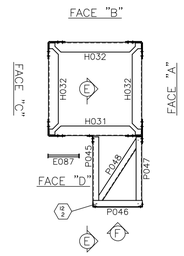


GRATING / CAILLEBOTIS



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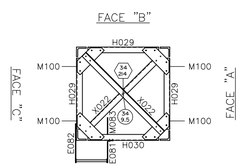

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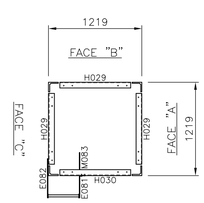

SECTION "A-A"

BILL OF MATERIAL
LISTE DE MATÉRIEL

MRK MQE	QTY QTÉ	DESCRIPTION DESCRIPTION	WEIGHT MASSE
M001	8	ANCHORS/ANCRAGES 25ø (T17)	35.2
B002	4	BASE ASS./ASS. BASE	156.0
V010	4	L-76x76x9.5x3038	139.2
V012	4	L-76x76x9.5x3038	134.4
X022	26	L-76x76x7.9x1450	330.2
X023	3	FB-6.4x51x1525	12.0
X027	3	L-76x76x7.9x1525	40.2
H029	9	L-76x76x7.9x925	72.9
H030	3	L-76x76x7.9x925	24.3
H031	1	L-127x127x7.9x1049	16.6
H032	3	L-127x127x7.9x1049	49.8
P033	1	L-76x76x7.9x549	5.2
P034	1	L-76x76x7.9x1199	11.3
P035	1	L-76x76x7.9x1500	14.1
P036	1	L-76x76x7.9x2132	20.1
P045	1	L-76x76x7.9x909	8.6
P046	1	L-152x89x7.9x644	9.7
P047	1	L-76x76x7.9x909	8.6
P048	1	L-76x76x7.9x1033	9.7
P049	2	L-76x76x7.9x755	14.2
P050	1	L-51x51x6.4x1082	5.3
P051	1	L-51x51x6.4x1082	5.3
P052	1	L-51x51x6.4x644	3.2
P053	1	L-102x76x7.9x1499	16.6
P054	1	L-51x51x6.4x1179	5.8
P056	1	FB-6.4x102x2122	11.1
P057	2	FB-6.4x102x1179	12.4
P058	1	FB-6.4x102x539	2.8
P059	1	FB-6.4x51x2122	5.6
P060	1	FB-6.4x51x1179	3.1
P061	1	FB-6.4x51x644	1.7
P062	1	FB-6.4x51x539	1.4
P069	2	FB-9.5x127x270	4.2
P070	2	L-51x51x6.4x1139	11.2
P071	1	L-51x51x6.4x385	1.9
P072	3	L-51x51x6.4x385	5.7
P073	1	L-76x76x7.9x385	3.6
P074	1	PL-3.2x170x330	1.4
P075	2	PL-6.35x385x419	16.6
P076	1	PL-6.4x400x565	11.7
P077	1	PL-4.8x356ø	3.9
P078	2	FB-6.4x64x64	0.4
E081	3	FB-6.4x51x259	2.7
E082	3	FB-6.4x51x508	3.9
M083	3	FB-6.4x51x377	3.0
E084	1	FB-6.4x51x315	0.8
E086	2	FB-6.4x51x259	1.4
E087	1	LADDER/ÉCHELLEx2915	31.7
E088	1	LADDER/ÉCHELLEx3035	32.3
P090	1	GRATING/CAIL. 548x1173	28.8
P091	1	GRATING/CAIL. 608x2110	57.5
E094	1	L-127x127x7.9x414	12.0
M100	4	FB-9.5x152x446	18.0
M101	6	FB-9.5x254x335	39.6
M102	7	FB-9.5x305x662	95.2
M103	16	FB-9.5x305x600	227.2
M108	1	PL-9.5x415x662	18.0
M119	1	FB-6.4x51x370	1.3
M120	1	GATE/BARRIÈRE	11.8
M121	1	PIN/TIGE 12.7øx370	0.2
M122	1	SPRING/RESSORT	0.05
E123	10	FB-9,5x51x390	–
E124	8	FIXATION POUR BOITE	–
E125	2	FIXATION POUR CAPTEUR	–
A5	5	D-RING "SALA" #2101636	2.5
B5	1	LATCH/LOQUET "STANLEY" #76-3827	0.25
	4	S.S. BOLTS/BOULONS INOXYDABLES	
		3/16"ø X 3/4" WITH/AVEC	
		NUTS & WASH./ÉCROUS & ROND.	
	229	BOLTS/BOULONS 3/4"ø X 2"	62.3
	214	BOLTS/BOULONS 3/4"ø X 2 1/4"	61.9
	9	BOLTS/BOULONS 3/4"ø X 2 1/2"	2.7
	452	LOCK W./R. DE BLOCAGE 3/4"ø	13.4
	14	R. FILLS/ESPACEURS 3/4"ø X 9.5	1.3
	2	R. FILLS/ESPACEURS 3/4"ø X 7.9	0.2
	100	BOLTS/BOULONS 1/2"ø X 1 1/2"	9.0
	20	BOLTS/BOULONS 1/2"ø X 1 3/4"	1.9
	5	BOLTS/BOULONS 1/2"ø X 2"	0.5
	3	BOLTS/BOULONS 1/2"ø X 2 3/4"	0.4
	128	LOCK W./R. DE BLOCAGE 1/2"ø	1.2
	4	R. FILLS/ESPACEURS 1/2"ø X 7.9	0.2
	20	CLIPS/ATTACHES TYPE "D-19"	0.5
	20	BOLTS/BOULONS 5/16"ø X 2 1/2"	0.5
TOTAL WEIGHT / MASSE TOTALE :			1991.3 kg

Pêches et Océans Canada / Fisheries and Oceans Canada
Garde côtière / Coast Guard

Services techniques
Systèmes électroniques et informatiques
Informations techniques et graphiques

101 Boul. Champlain (dépôt 18)
Québec (Québec) G1K 7Y7

08990-SM-03

NOTES

-L'ÉCHELLE DOIT ÊTRE MUNIE D'UN RAIL DE SÉCURITÉ "COUGAR" DE TRYLON (OU UN ÉQUIVALENT APPROUVÉ PAR LA GCC) AVEC TOUTE LA QUINCAILLERIE REQUISE POUR SON INSTALLATION.

-NUANCE D'ACIER: (CSA G40.20/G40.21)
TOUS LES ÉLÉMENTS 300 MPa SAUF LES ÉLÉMENTS SUIVANTS:
LES CORNIÈRES: 350 MPa
LES PROFILÉS W: 350 MPa

-TOUS LES BOULONS SELON ASTM A-325. TYPE 1.
-TOUTES LES RONDELLES DE BLOCAGE SELON ASME B18.21.1
-TOUS LES ESPACEURS ANNULAIRES SELON ANSI B18.22.1
-TOUTES LES SOUDURES SELON CSA W59 (ÉLECTRODES E49XX)

-TOUTES LES PIÈCES D'ACIER, INCLUANT LES BOULONS ET LA QUICAILLERIE, DOIVENT ÊTRE GALVANISÉES APRÈS FABRICATION PAR « TREMPAGE À CHAUD» SELON LA NORME ASTM A123. (600g/m²)

-LONGUEUR DES BOULONS:
2" LG POUR BOULON 3/4"ø. S.I.C.
1 1/2" LG POUR BOULON 1/2"ø. S.I.C.

-TOUTES LES QUANTITÉS DE BOULON INCLUENT UN SURPLUS DE 5 %.

-THE LADDER SHOULD BE EQUIPPED WITH A SAFETY RAIL TRYLON "COUGAR" (OR EQUIVALENT APPROVED BY CCG) WITH ALL HARDWARE REQUIRED FOR MOUNTING.

-STEEL GRADE: (CSA G40.20/G40.21)
ALL MEMBERS 300 MPa EXCEPT FOR:
ANGLES: 350 MPa
W SHAPE: 350 MPa

-ALL BOLTS ACCORDING TO ASTM A-325. TYPE 1.
-ALL LOCK WASHERS ACCORDING TO ASME B18.21.1
-ALL RING FILLS ACCORDING TO ANSI B18.22.1
-ALL WELDS ACCORDING TO CSA W59 (E49XX ELECTRODES)

-STEEL, INCLUDING BOLTS AND HARDWARE, SHALL BE HOT DIP GALVANIZED AFTER FABRICATION IN ACCORDANCE TO ASTM A123. (600g/m²)

-BOLT LENGTH:
2" LG FOR 3/4"ø BOLT. U.N.
1 1/2" LG FOR 1/2"ø BOLT. U.N.

-ALL BOLT QUANTITIES INCLUDE 5 % EXTRA.

INGÉNIEURE - ENGINEER
Yolaine Germain
110420
QUÉBEC
2020-01-14

LICENSED PROFESSIONAL ENGINEER
Y. A. GERMAIN
100168883
PROVINCE OF ONTARIO
2020-01-14

Révision	Description	Par/By	Date
6	REV. GÉNÉRALE SELON CSA S37-18/ GENERAL REVIEW AS PER CSA S37-18	CIMA+	2019.11.28
5	MAJ PIÈCE 2101630 POUR 2101636	J.D.	2018-09
4	MISE À JOUR	SLI	2014.02.12
3	PIÈCES AJOUTÉES / ADDED MATERIAL	GCC	2010.11.30

A: Numéro du détail / Detail no.
B: Feuille sur laquelle le détail est référé / Location drawing no.
C: Feuille sur laquelle le détail est dessiné / Drawing no.

Toute modification doit être rapportée à:
All modification must be reported to:

GARDE CÔTIÈRE, RÉGION LAURENTIENNE
SERVICES TECHNIQUES
Systèmes électroniques et informatiques
Informations Techniques et Graphiques

Dossier: / *File:*

TOUR D'ACIER À CLAIRE-VOIE

TOUR DE 3,05m (10pi) @ 24,42m (80pi)

Dessin: / *Drawing:*

TOUR DE 6,12m (20pi)
PLAN DE MONTAGE

		Date
Conçu par: / *Designed by:*	P-C.GAGNON, ing.	2003/05/30
Dessiné par: / *Drawn by:*	MICHEL VACHON	2006/02/05
Vérifié par: / *Verified by:*	MICHEL VACHON	2006/02/05
Approuvé par: / *Approved by:*		

No. dossier: / *File no.:*
Échelle: / *Scale:* 1 = 40
No. dessin: / *Drawing no.:* 08990
No. feuille: / *Sheet no.:* SM-03

08990-SM-03 AutoCAD A1 NOV 28, 2019