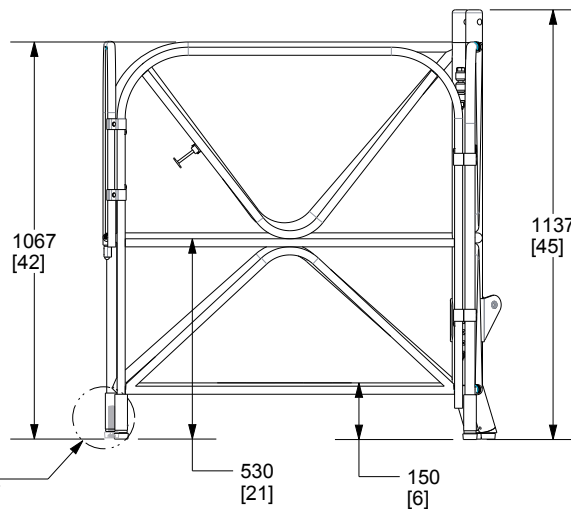
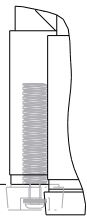


DETAIL A
SCALE 1:5



SEE DETAIL A



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MIN

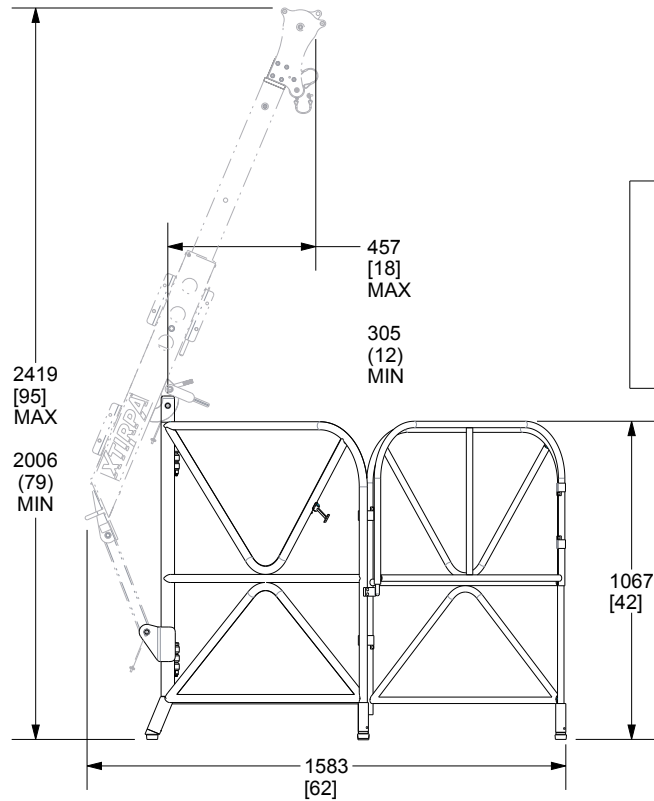
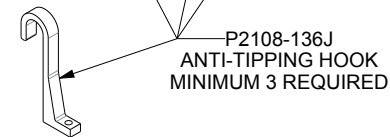
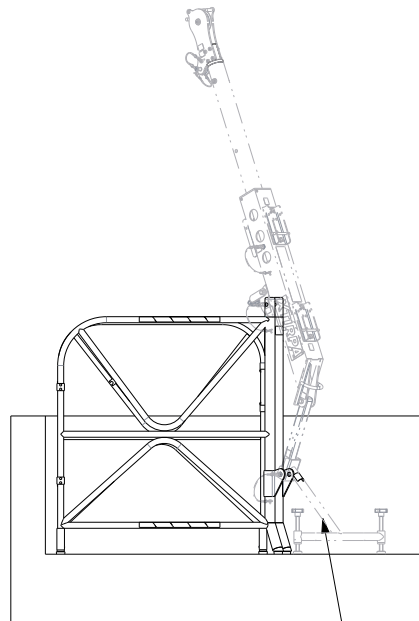
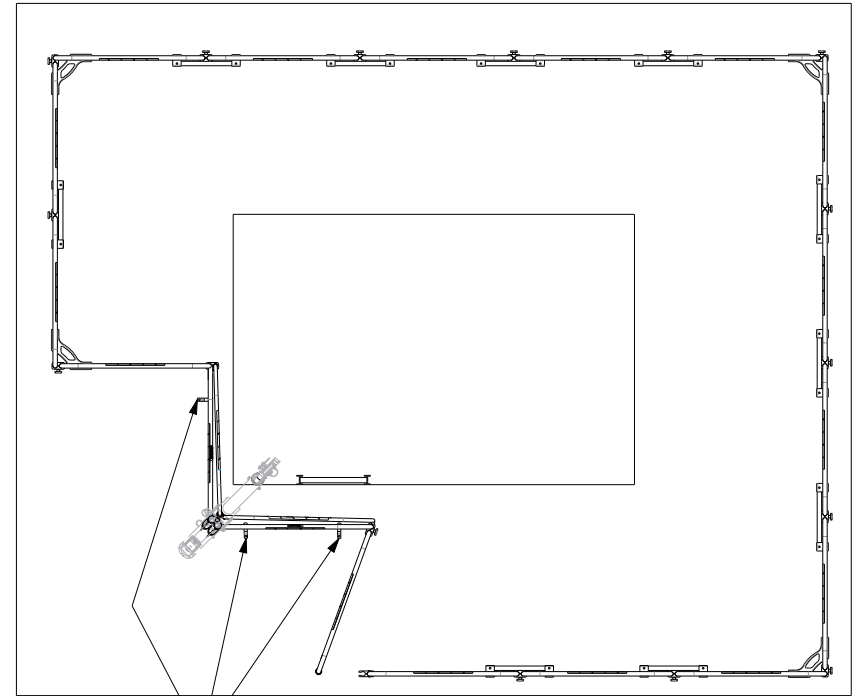
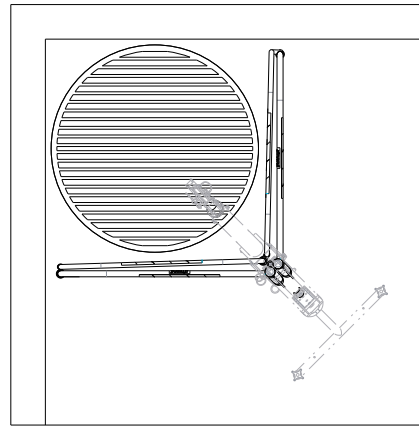
51 [2]
MAX

INNOVA PUBLIC UTILITY PRODUCTS INC.				
TITLE:				
PORTABLE MANHOLE GUARD WITH INTEGRATED MAST 1067mm (42")				
WEIGHT :		DRAWN BY:		VERIFIED BY:
(kg)	(lb)	P.Petit		
15.0	33.0	DATE:		
		12/05/2009		
		SCALE:		
		1:25		
MATERIAL:		SHEET(S):	FORMAT:	No. DRAWING:
ALUMINUM		1 / 4	A	DA2108-01_ANG
				REV.: 07
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IMPORTANT:
THE LOAD MUST BE APPLIED
INSIDE THE PERIMETER OF THE
MANHOLE GUARD.

PRODUCT NUMBER: IN-2108


WHEN USED IN A "V" CONFIGURATION,
THE FRONT OPENING MUST BE SECURED
OR CLOSED WITH A GUARD, A WALL OR ANY
OTHER MEANS TO SECURE THE WORKING AREA.



A2108-18 OR A2108-20
STABILIZER
IS REQUIRED WHEN
THE V-POSITION IS USED.

INNOVA PUBLIC UTILITY PRODUCTS INC.

TITLE:
**PORTABLE MANHOLE GUARD
WITH INTEGRATED MAST 1067mm (42")**

WEIGHT :		DRAWN BY:		VERIFIED BY: 
(kg)	(lb)	P. Petit		
15.0	33.0	DATE: 12/05/2009		
		SCALE: 1:25		
MATERIAL: ALUMINUM		SHEET(S): 2 / 4	FORMAT: A	No. DRAWING: DA2108-01_ANG_07
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SPECIFICATIONS

THIS EQUIPMENT IS CONSIDERED AS PART OF A PERSONAL FALL ARREST SYSTEM (PFAS) WITH A MAXIMUM WORKING CAPACITY OF 190 Kg (420 LB).

IT IS ONLY TO BE USED IN CONJUNCTION WITH A PERSONAL FALL ARREST SYSTEM THAT LIMITS THE MAXIMUM ARREST FORCE (MAF).

WORKING LOAD LIMIT (WLL) :WITH DAVIT ARM IN-2002 OR IN-2210: 190 Kg (420 lb)
 MAX CAPACITY WITHOUT DEFORMATION:
 WITH DAVIT ARM FULLY EXTENDED IN-2002 OR IN-2210 : 18,683 N (4,200 lbf)
 WITH DAVIT ARM IN-2002 OR IN-2210 AT ANCHORAGE POINT : 22,295 N (5 000 lbf)
 MAXIMUM MOMENT : 8,542 N-m (75 600 lbf-in)

STANDARDS

NAME	CLASSIFICATION	YEAR	USERS
AS / NZS 5532	FREEFALL ARREST	2013	1
ANSI Z359.1		2017	1
CSA Z259.2.1		1998 (R2011)	1
OSHA 1910.66			1
EN 795	B	2012	1
TS 16415		2013	2

MATERIAL AND CONSTRUCTION

WELDING CERTIFICATION :	STRUCTURE :	HARDWARE :
STEEL / STAINLESS STEEL CSA W59.18 / CSA W47.1 / AWS D 1.6	ALUMINUM	STAINLESS STEEL
ALUMINIUM CSA W59.2 / CSA W47.2		

RESTRICTIONS

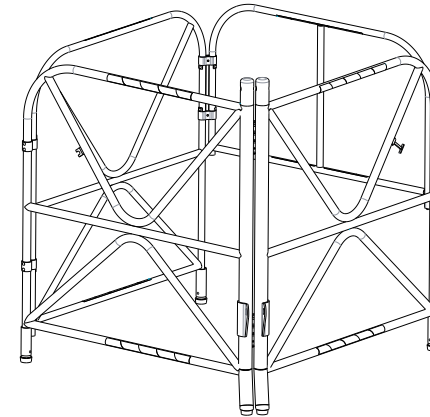
THIS EQUIPMENT SHOULD ONLY BE USED WITH PRODUCTS APPROVED BY INNOVA PUBLIC UTILITY PRODUCTS Inc.

THIS EQUIPMENT SHOULD ALWAYS BE USED ON A SURFACE LEVEL

MAKE SURE ALL HARDWARE AND CONNECTION PINS ARE PROPERLY INSTALLED BEFORE USE.

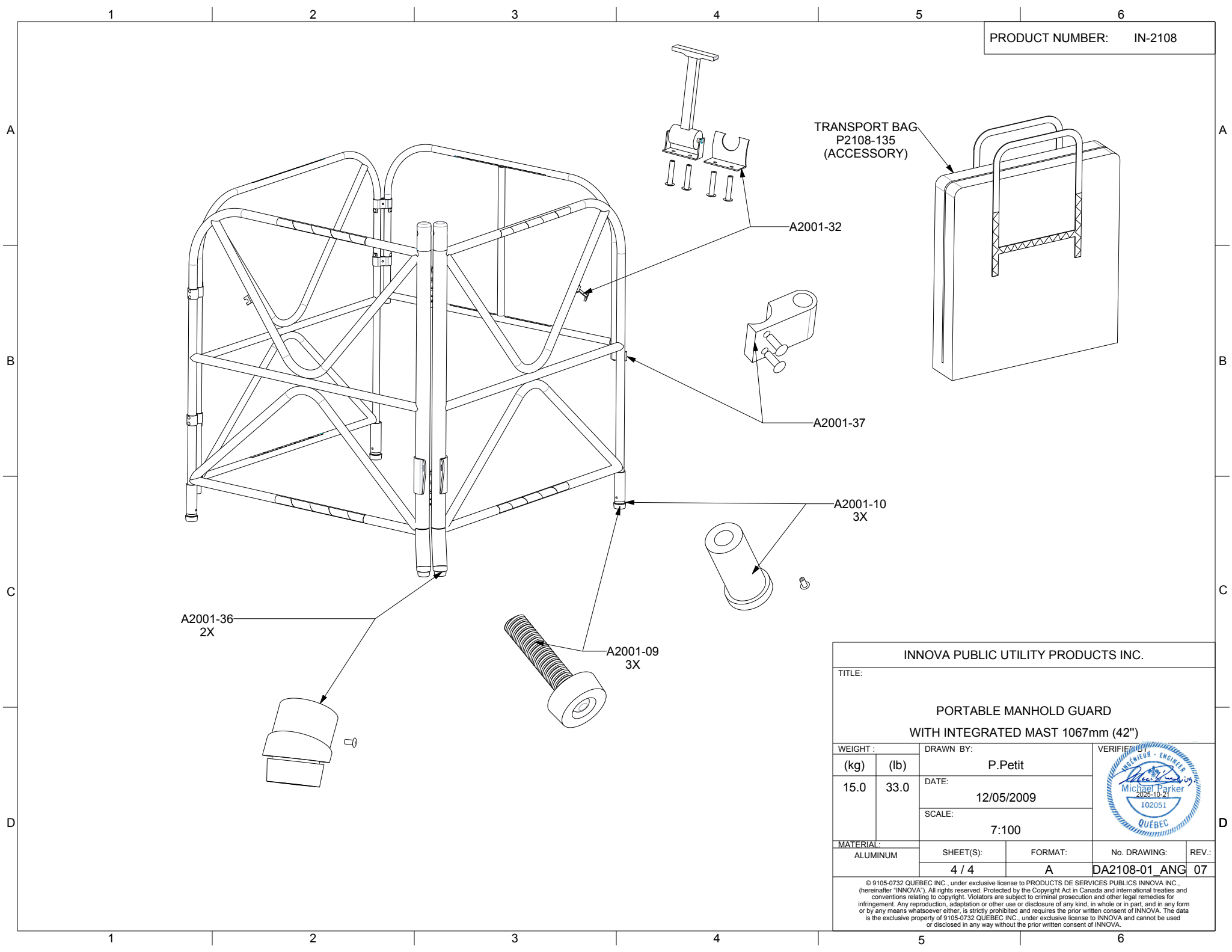
IN CASE OF FALL OR EQUIPMENT SAFETY IF IN DOUBT, THE EQUIPMENT SHOULD BE REMOVED FROM THE EQUIPMENT IMMEDIATELY. SERVICED AND INSPECTED BY A QUALIFIED PERSON BEFORE REUSE.

PRODUCT NUMBER: IN-2108



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MATERIAL:		SHEET(S):	FORMAT:	No. DRAWING: REV.:
ALUMINUM		3 / 4	A	DA2108-01 ANG 07
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PRODUCT NUMBER: IN-2108



INNOVA PUBLIC UTILITY PRODUCTS INC.				
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(kg)	(lb)	P.Petit		
15.0	33.0	DATE:		
		12/05/2009		
		SCALE:		
		7:100		
MATERIAL:		SHEET(S):	FORMAT:	No. DRAWING:
ALUMINUM		4 / 4	A	DA2108-01 ANG 07
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