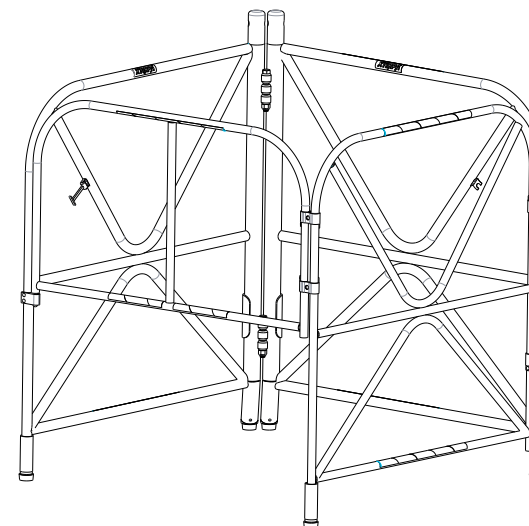
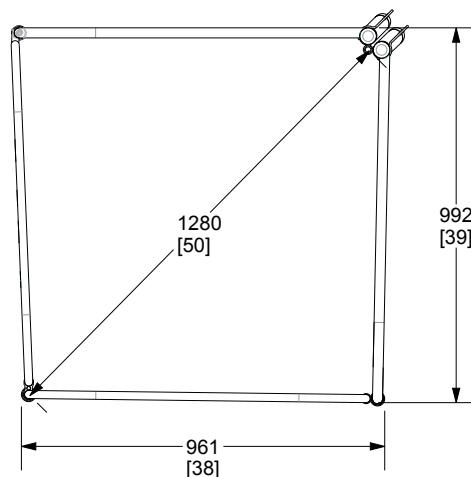
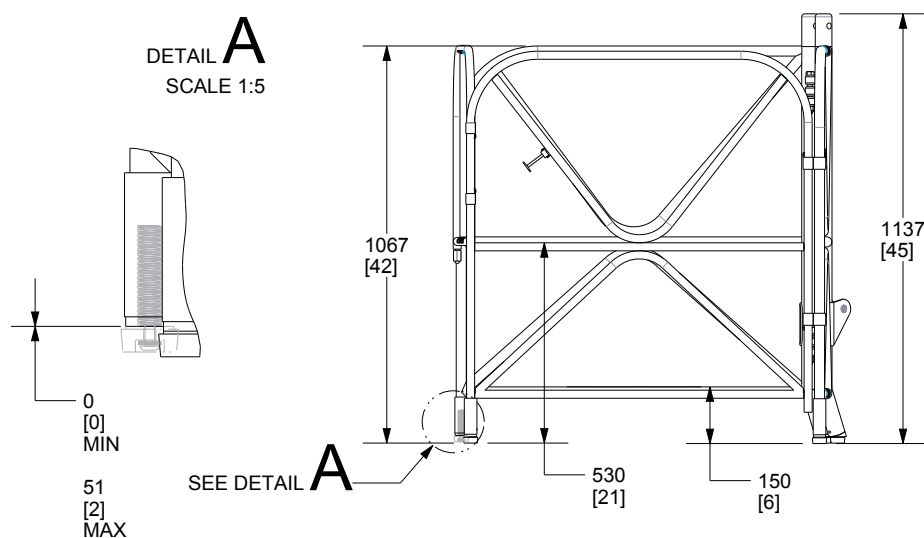


PRODUCT NUMBER: IN-2108



DETAIL A
SCALE 1:5



INNOVA PUBLIC UTILITY PRODUCTS INC.

TITLE:

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

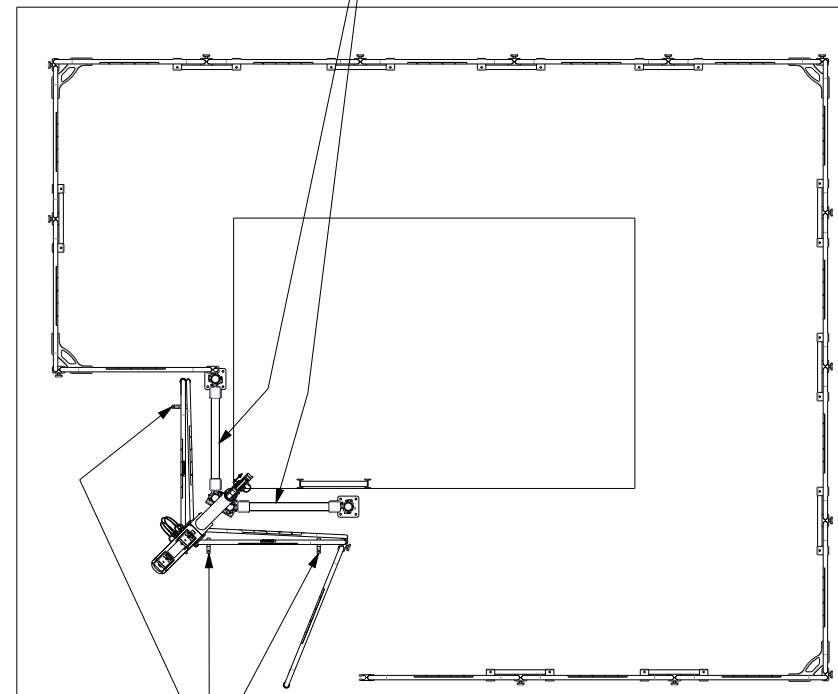
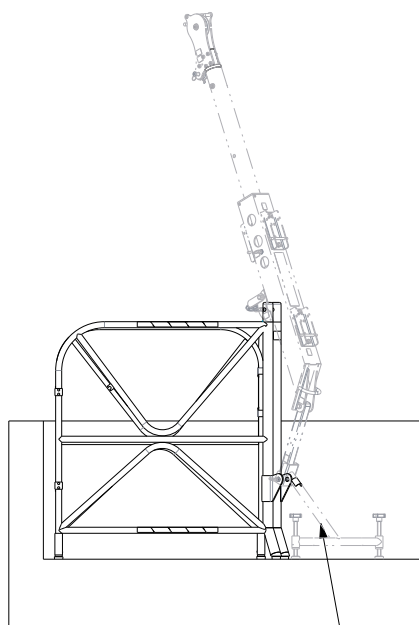
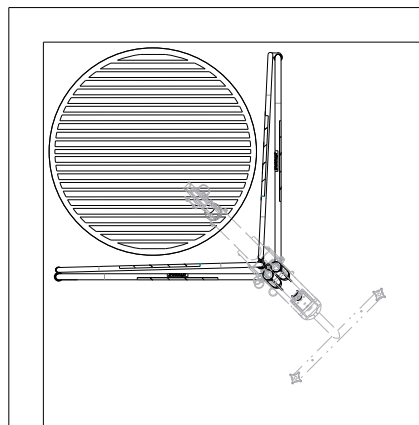
WEIGHT :		DRAWN BY:		VERIFIED BY:	
(kg)	(lb)	P.Petit			
15.0	33.0	DATE: 12/05/2009			
SURFACE FINISH:		SCALE:			
YELLOW XTIRPA		1:20			
MATERIAL:					
ALUMINUM		SHEET(S):		No. DRAWING:	
		1 / 6		DA2108-01 ANG 08	
		A			

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IMPORTANT:
THE LOAD MUST BE APPLIED
INSIDE THE PERIMETER OF THE
MANHOLE GUARD.

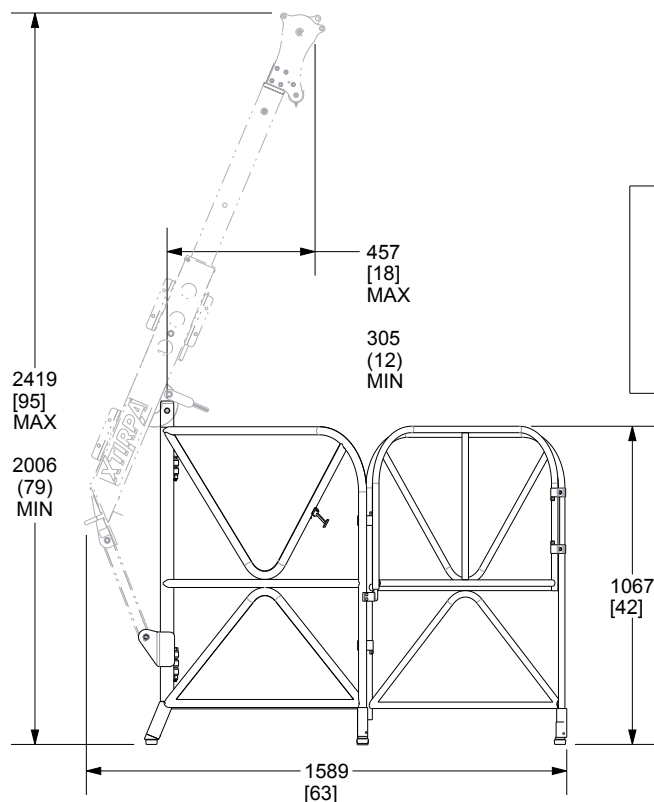
PRODUCT NUMBER: IN-2108

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.



P2108-136J
ANTI-TIPPING HOOK
MINIMUM 3 REQUIRED WHEN THERE IS NO
PROTECTION IN FRONT OF THE OPENING

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



INNOVA PUBLIC UTILITY PRODUCTS INC.

TITLE:

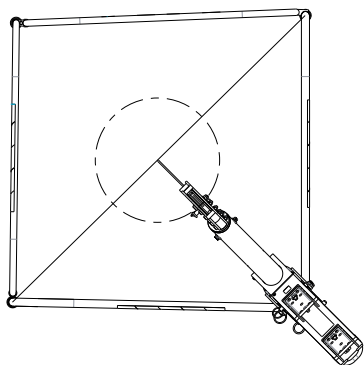
PORTABLE MANHOLE GUARD
WITH INTEGRATED MAST 1067mm (42")

WEIGHT :		DRAWN BY:		VERIFIED BY:	
(kg)	(lb)	P.Petit			
15.0	33.0	DATE:			
		12/05/2009			
SURFACE FINISH:		SCALE:			
YELLOW XTIRPA		1:25			
MATERIAL:		SHEET(S):		No. DRAWING:	
ALUMINUM		2 / 6		A	
		FORMAT:		DA2108-01 ANG 08	

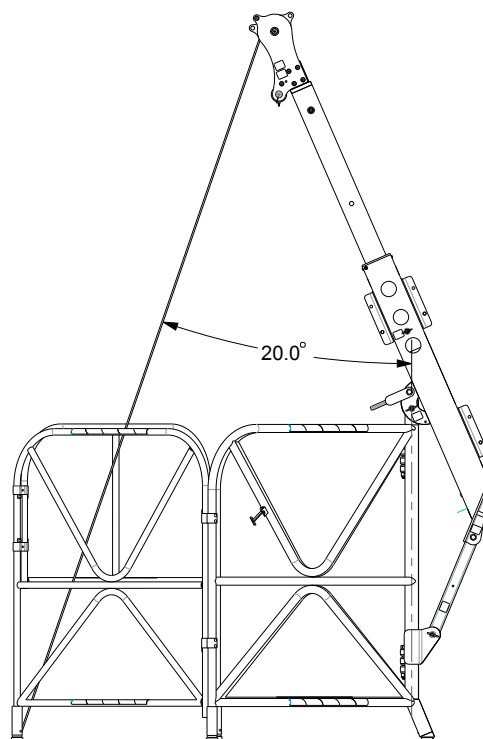
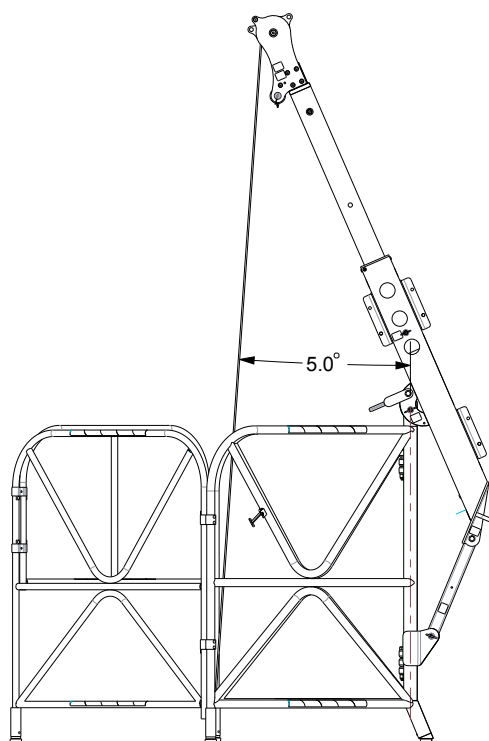
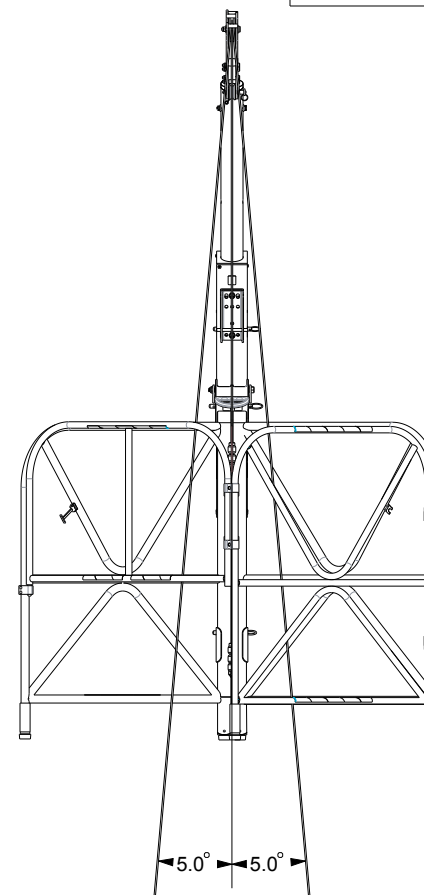
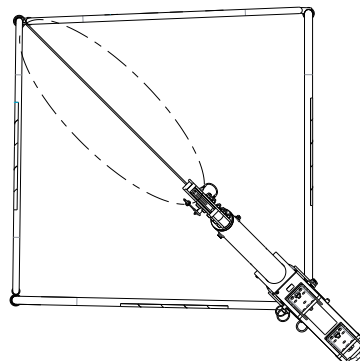
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PRODUCT NUMBER: IN-2108

FALL



RECUPERATION



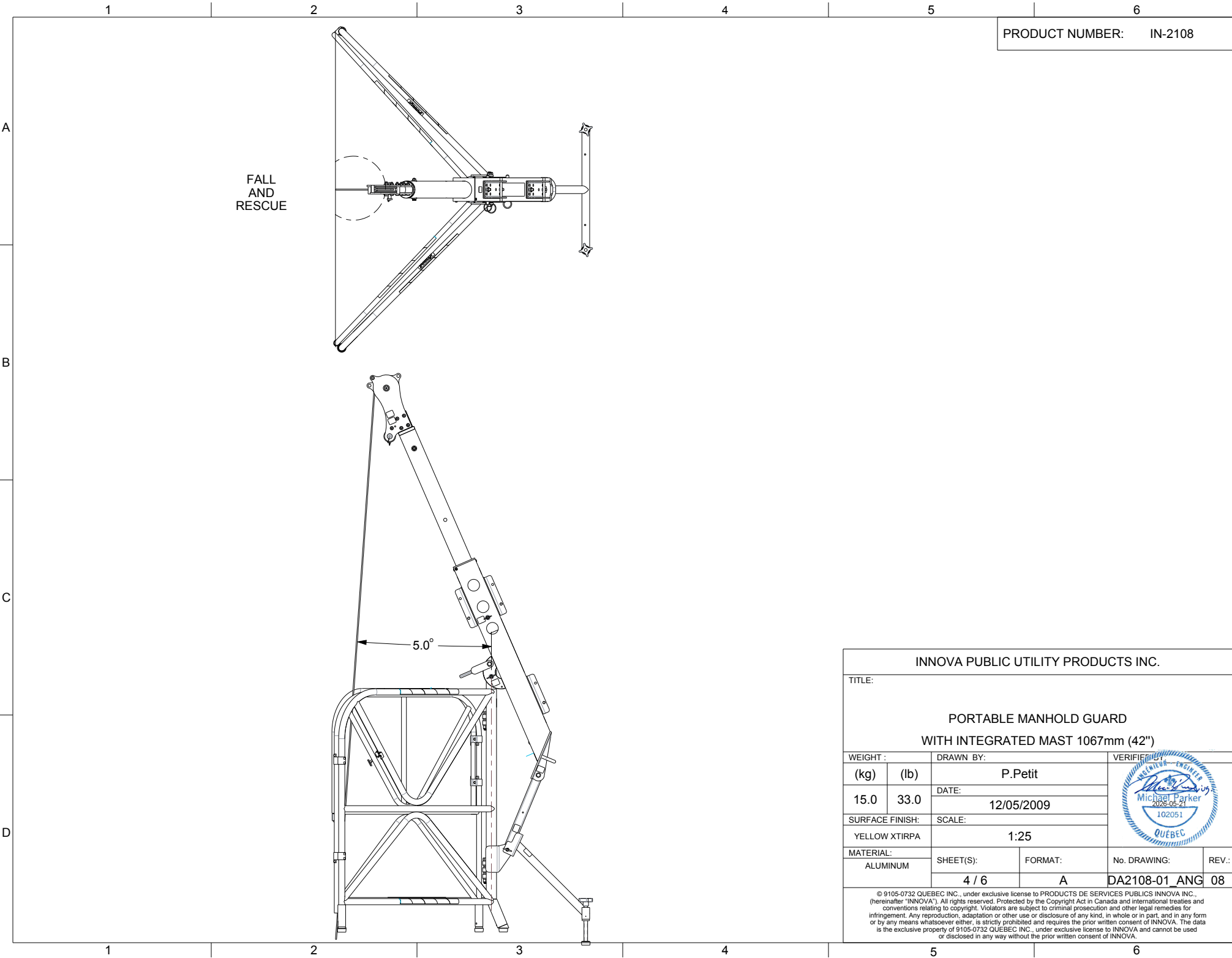
INNOVA PUBLIC UTILITY PRODUCTS INC.

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			
SURFACE FINISH:		SCALE:			
YELLOW XTIRPA		1:25			
MATERIAL:		SHEET(S):		No. DRAWING:	
ALUMINUM		3 / 6		A	
				DA2108-01 ANG 08	

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SPECIFICATIONS

THIS EQUIPMENT IS CONSIDERED AS PART OF A PERSONAL FALL ARREST SYSTEM (PFAS).

IT IS ONLY TO BE USED IN CONJUNCTION WITH A PERSONAL FALL ARREST SYSTEM THAT LIMITS THE MAXIMUM ARREST FORCE (MAF) TO 8,0 kN.

WORKING LOAD LIMIT (WLL) :	190 kg (420 lb)
MINIMUM BREAKING STRENGTH :	18,7 kN (4 200 lbf)
MAXIMUM WORKING MOMENT :	0,85 kN•m (7 560 lbf•in)
MAXIMUM DESIGN MOMENT :	8,5 kN•m (75 600 lbf•in)

STANDARDS:

NAME	CLASSIFICATION	YEAR	USERS
ANSI Z359.1		2007	1
CSA Z259.2.1		1998	1
OSHA 1910.66 APP C			1
EN 795 / TS 16415	TYPE B	2012 / 2013	2

MATERIAL AND CONSTRUCTION:

<u>WELDING CERTIFICATION :</u>	<u>STRUCTURE :</u>	<u>HARDWARE :</u>
CSA W59.2 / CSA W47.2	ALUMINUM	STAINLESS STEEL

RESTRICTIONS

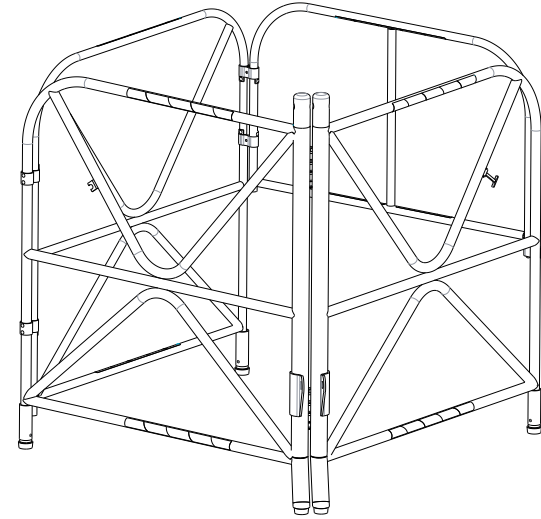
THIS EQUIPMENT SHALL ONLY BE USED WITH PRODUCTS APPROVED BY INNOVA PUBLIC UTILITY PRODUCTS Inc.

THIS EQUIPMENT SHALL ALWAYS BE USED ON A LEVELED SURFACE.

ENSURE THAT ALL HARDWARE AND CONNECTING PINS ARE PROPERLY INSTALLED BEFORE USE.

IN THE OCCURENCE OF A FALL OR THAT THE SAFETY OF THE EQUIPMENT IS IN DOUBT, THE EQUIPMENT MUST BE IMMEDIATELY REMOVED FROM SERVICE AND INSPECTED BY QUALIFIED PERSONNEL DEFORE REUSE.

PRODUCT NUMBER: IN-2108



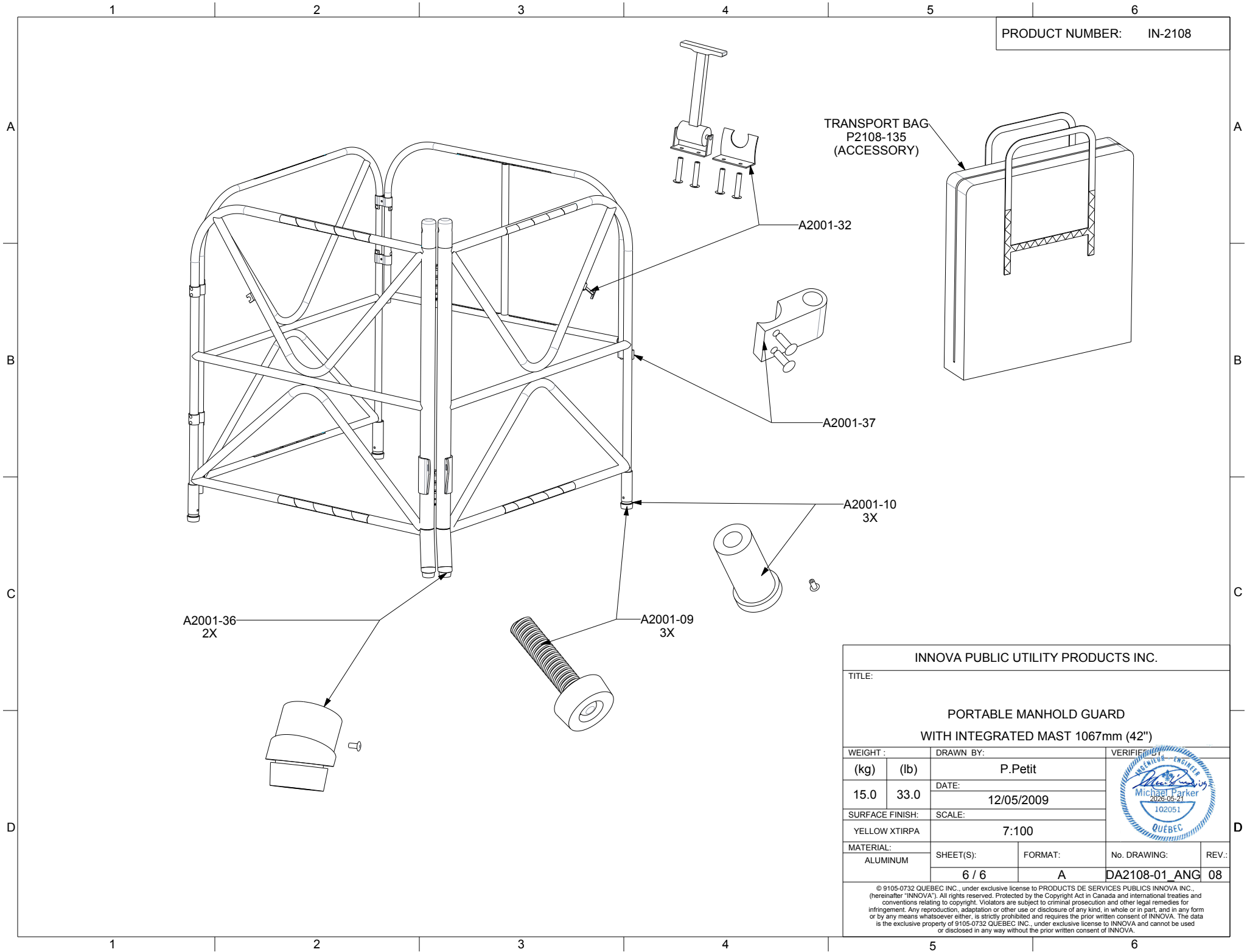
INNOVA PUBLIC UTILITY PRODUCTS INC.

TITLE:

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

WEIGHT :		DRAWN BY:			
(kg)	(lb)	P.Petit			
15.0	33.0	DATE:			
		12/05/2009			
SURFACE FINISH:		SCALE:			
YELLOW XTIRPA		1:20			
MATERIAL:		SHEET(S):		No. DRAWING:	
ALUMINUM		5 / 6		DA2108-01 ANG 08	
		FORMAT:		REV.:	
		A			

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INNOVA PUBLIC UTILITY PRODUCTS INC.					
TITLE:					
PORTABLE MANHOLD GUARD WITH INTEGRATED MAST 1067mm (42")					
WEIGHT :		DRAWN BY:		VERIFIED BY:	
(kg)	(lb)	P.Petit			
15.0	33.0	DATE:			
		12/05/2009			
SURFACE FINISH:		SCALE:			
YELLOW XTIRPA		7:100			
MATERIAL:		SHEET(S):		No. DRAWING:	
ALUMINUM		6 / 6		DA2108-01 ANG	
		A		08	
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