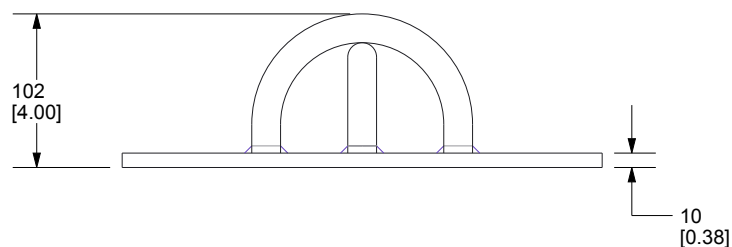
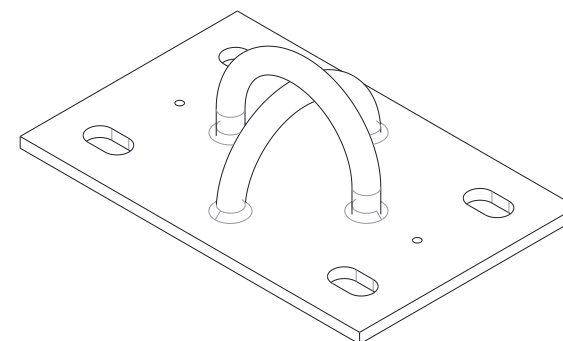
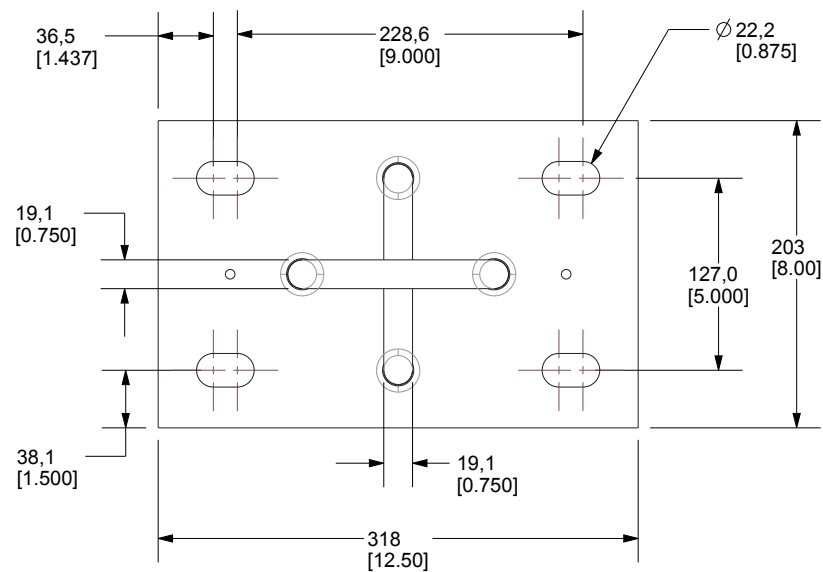


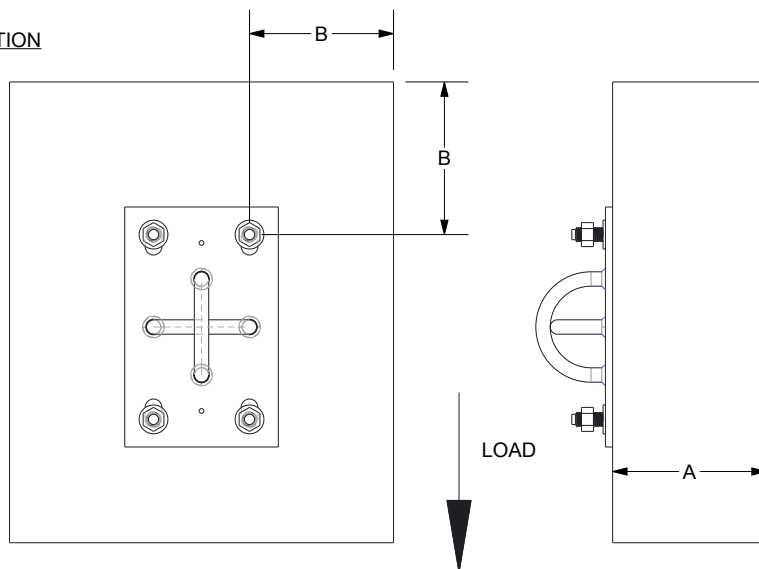
PRODUCT NUMBER: IN-2087



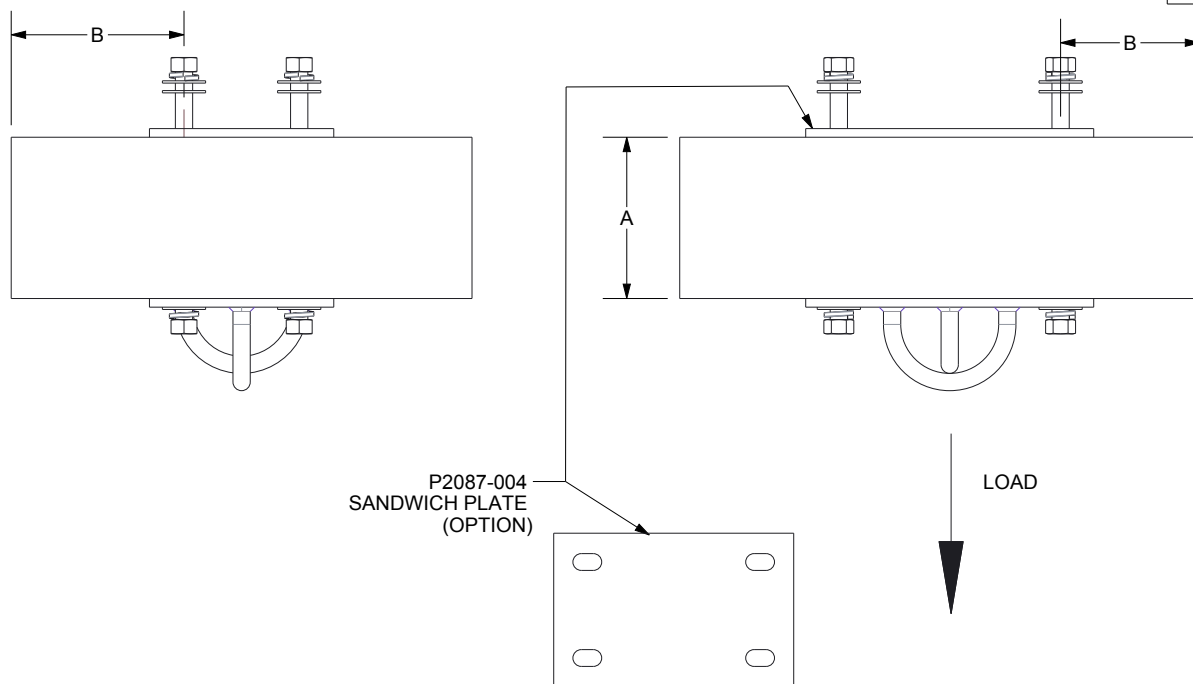
INNOVA PUBLIC UTILITY PRODUCTS INC.				
TITLE:				
76mm (3") UNIVERSAL RING ADAPTER				
WEIGHT :		DRAWN BY:		
(kg)	(lb)	P.PETIT		
5.9	13.0	DATE: 05/01/2011		
		SCALE: 1:5		
MATERIAL:		SHEET(S):	FORMAT:	No. DRAWING:
SS		1 / 4	A	DA2087-01 ANG 03
<small>© 9105-0732 QUEBEC INC., under exclusive license to PRODUCTS DE SERVICES PUBLICS INNOVA INC., (hereinafter "INNOVA"). All rights reserved. Protected by the Copyright Act in Canada and international treaties and conventions relating to copyright. Violators are subject to criminal prosecution and other legal remedies for infringement. Any reproduction, adaptation or other use or disclosure of any kind, in whole or in part, and in any form or by any means whatsoever either, is strictly prohibited and requires the prior written consent of INNOVA. The data is the exclusive property of 9105-0732 QUEBEC INC., under exclusive license to INNOVA and cannot be used or disclosed in any way without the prior written consent of INNOVA.</small>				

RING ADAPTER INSTALLATION REQUIREMENTS

FULL THICKNESS INSTALLATION



SANDWICH INSTALLATION

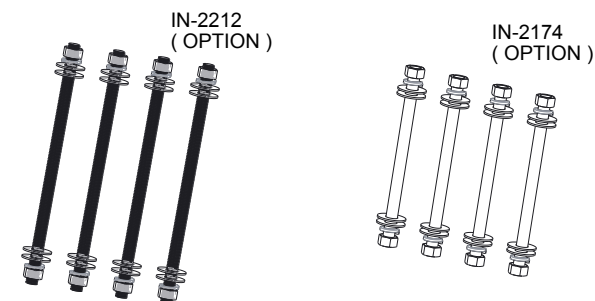


ANSI, AS / NZS, CSA, OSHA

	FULL THICKNESS	EXAMPLE *	SANDWICH	EXAMPLE *
MINIMUM THICKNESS (A)	REFER TO FASTENER MANUFACTURER SPECIFICATIONS	203 mm (8.00")	TO BE DETERMINED BY THE LOCAL ENGINEER	178 mm (7.00")
MINIMUM EDGE DISTANCE (B)	REFER TO FASTENER MANUFACTURER SPECIFICATIONS	152 mm (6.00")	TO BE DETERMINED BY THE LOCAL ENGINEER	152 mm (6.00")
EMBEDMENT DEPTH	REFER TO FASTENER MANUFACTURER SPECIFICATIONS	152 mm (6.00")	N / A	N / A
MINIMUM PULLOUT STRENGTH PER FASTENER	5.6kN (1 259 lbf)	5.6kN (1 259 lbf)	5.6kN (1 259 lbf)	5.6kN (1 259 lbf)
MAXIMUM MOMENT APPLIED TO THE STRUCTURE	N / A	N / A	N / A	N / A
MAXIMUM VERTICAL LOAD APPLIED TO THE STRUCTURE	22,2 kN (5 000 lbf)	22,2 kN (5 000 lbf)	22,2 kN (5 000 lbf)	22,2 kN (5 000 lbf)

NOTE:

1. IT IS THE RESPONSIBILITY OF THE LOCAL ENGINEER TO ASSURE INSTALLATION COMPLIANCE.
2. TO BE INSTALLED WITH 3/4" (M20) MINIMUM N. STAINLESS STEEL ANCHORS. SMALLER ANCHORS MUST BE VALIDATED BY THE LOCAL ENGINEER.
3. ALL OTHER VARIATION MUST BE APPROVED BY THE LOCAL ENGINEER.
4. *TYPICAL INSTALLATION CONCRETE FOR 21 MPA (3000 PSI) AND 0.2% GROSS AREA REBAR REINFORCEMENT.



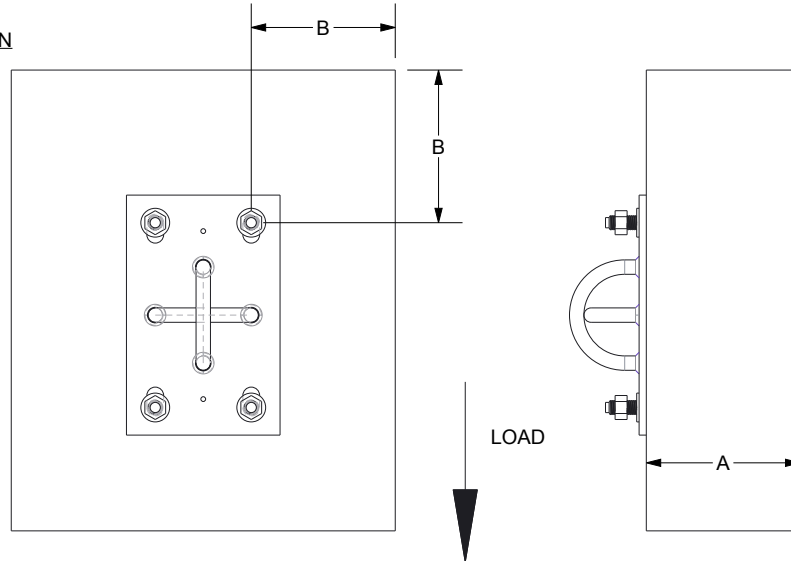
INNOVA PUBLIC UTILITY PRODUCTS INC.

TITLE:					
76mm (3") UNIVERSAL RING ADAPTER					
WEIGHT :		DRAWN BY:		VERIFIED BY:	
(kg)	(lb)	P.PETIT			
5.9	13.0	DATE:			
		05/01/2011			
		SCALE:			
		13:100			
MATERIAL:		SHEET(S):	FORMAT:	No. DRAWING:	REV.:
SS					
		2 / 4	A	DA2087-01	ANG 03

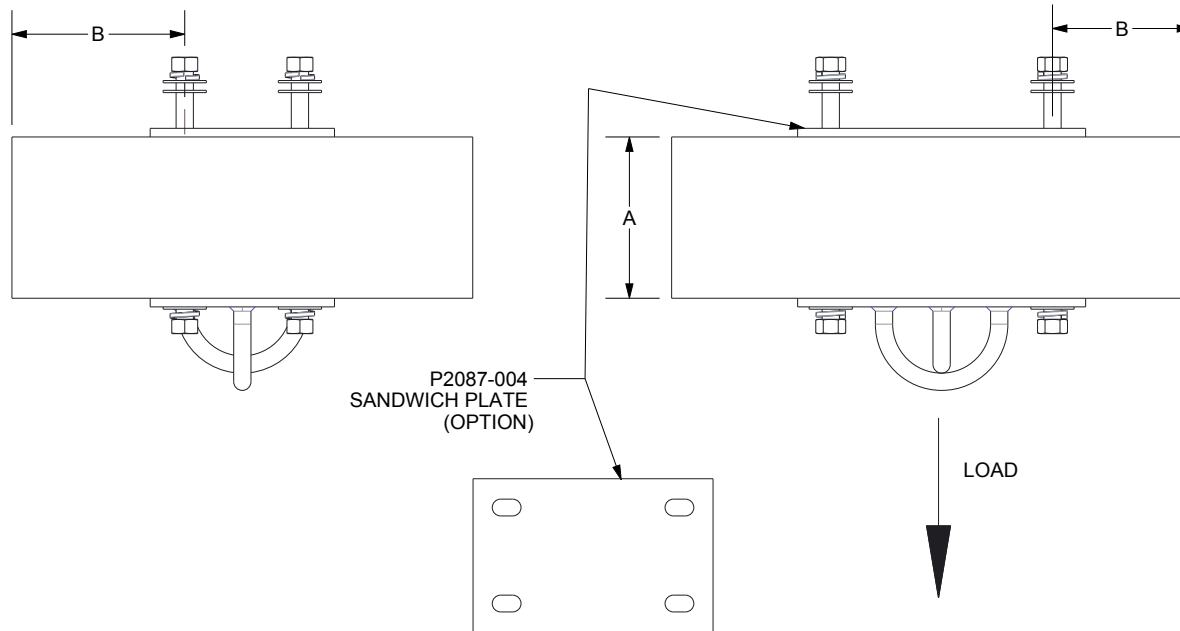
© 9105-0732 QUEBEC INC., under exclusive license to PRODUCTS DE SERVICES PUBLICS INNOVA INC., (hereinafter "INNOVA"). All rights reserved. Protected by the Copyright Act in Canada and international treaties and conventions relating to copyright. Violators are subject to criminal prosecution and other legal remedies for infringement. Any reproduction, adaptation or other use or disclosure of any kind, in whole or in part, and in any form or by any means whatsoever either, is strictly prohibited and requires the prior written consent of INNOVA. The data is the exclusive property of 9105-0732 QUEBEC INC., under exclusive license to INNOVA and cannot be used or disclosed in any way without the prior written consent of INNOVA.

RING ADAPTER INSTALLATION REQUIREMENTS

FULL THICKNESS INSTALLATION



SANDWICH INSTALLATION



PRODUCT NUMBER: IN-2087

EN 795, TS16415

	FULL THICKNESS	SANDWICH
MINIMUM THICKNESS (A)	REFER TO FASTENER MANUFACTURER SPECIFICATIONS	TO BE DETERMINED BY THE LOCAL ENGINEER
MINIMUM EDGE DISTANCE (B)	REFER TO FASTENER MANUFACTURER SPECIFICATIONS	TO BE DETERMINED BY THE LOCAL ENGINEER
EMBEDMENT DEPTH	REFER TO FASTENER MANUFACTURER SPECIFICATIONS	N / A
MINIMUM PULLOUT STRENGTH PER FASTENER	3,0 kN (674 lbf)	3,0 kN (674 lbf)
MAXIMUM MOMENT APPLIED TO THE STRUCTURE	N / A	N / A
MAXIMUM VERTICAL LOAD APPLIED TO THE STRUCTURE	12,0 kN (2 698 lbf)	12,0 kN (2 698 lbf)

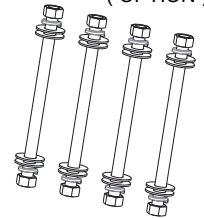
NOTE:

1. IT IS THE RESPONSIBILITY OF THE LOCAL ENGINEER TO ASSURE INSTALLATION COMPLIANCE.
2. TO BE INSTALLED WITH 3/4" (M20) MINIMUM N. STAINLESS STEEL ANCHORS. SMALLER ANCHORS MUST BE VALIDATED BY THE LOCAL ENGINEER.
3. ALL OTHER VARIATION MUST BE APPROVED BY THE LOCAL ENGINEER.
4. *TYPICAL INSTALLATION CONCRETE FOR 21 MPA (3000 PSI) AND 0.2% GROSS AREA REBAR REINFORCEMENT.

IN-2212
(OPTION)




IN-2174
(OPTION)



INNOVA PUBLIC UTILITY PRODUCTS INC.

TITLE:

76mm (3") UNIVERSAL RING ADAPTER

WEIGHT :		DRAWN BY: P.PETIT		<div>VERIFIED BY: </div>			
(kg)	(lb)					DATE: 05/01/2011	
5.9	13.0					SCALE: 13:100	
MATERIAL:		SHEET(S):		FORMAT:			
SS		3 / 4		A			
				No. DRAWING:			
				DA2087-01			
				REV.:			
				ANG 03			

© 9105-0732 QUEBEC INC., under exclusive license to PRODUCTS DE SERVICES PUBLICS INNOVA INC., (hereinafter "INNOVA"). All rights reserved. Protected by the Copyright Act in Canada and international treaties and conventions relating to copyright. Violators are subject to criminal prosecution and other legal remedies for infringement. Any reproduction, adaptation or other use or disclosure of any kind, in whole or in part, and in any form or by any means whatsoever either, is strictly prohibited and requires the prior written consent of INNOVA. The data is the exclusive property of 9105-0732 QUEBEC INC., under exclusive license to INNOVA and cannot be used or disclosed in any way without the prior written consent of INNOVA.

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) : 164 kg (360 lb)
MINIMUM BREAKING STRENGTH FOR ANCHORAGE 1 (F1) : 22,2 kN (5 000 lbf)
MINIMUM BREAKING STRENGTH FOR ANCHORAGE 2 (F2) : 22,2 kN (5 000 lbf)

STANDARDS

NAME	CLASSIFICATION	YEAR	USERS
ANSI Z359.1	A	1992 (1999)	1
CSA Z259.2.1		1998 (R2011)	1
OSHA 1910.66			1
EN 795		2012	1

MATERIAL AND CONSTRUCTION

WELDING CERTIFICATION :	STRUCTURE :	SURFACE FINISHING :
AWS D 1.6	STAINLESS STEEL	N / A

RESTRICTIONS

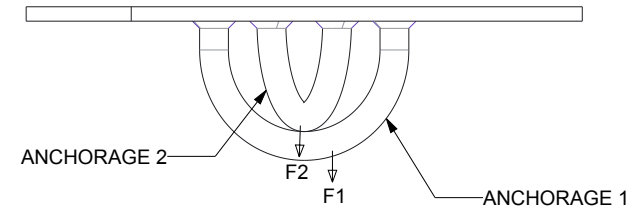
THIS EQUIPMENT SHOULD ONLY BE USED WITH PRODUCTS APPROVED BY INNOVA PUBLIC UTILITY PRODUCTS Inc.


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-2087



INNOVA PUBLIC UTILITY PRODUCTS INC.				
TITLE:				
76mm (3") UNIVERSAL RING ADAPTER				
WEIGHT :		DRAWN BY:		VERIFIED BY: 
(kg)	(lb)	P.PETIT		
5.9	13.0	DATE: 05/01/2011		
		SCALE: 1:5		
MATERIAL:		SHEET(S):	FORMAT:	No. DRAWING:
SS		4 / 4	A	DA2087-01 ANG 03
<small>© 9105-0732 QUEBEC INC., under exclusive license to PRODUCTS DE SERVICES PUBLICS INNOVA INC., (hereinafter "INNOVA"). All rights reserved. Protected by the Copyright Act in Canada and international treaties and conventions relating to copyright. Violators are subject to criminal prosecution and other legal remedies for infringement. Any reproduction, adaptation or other use or disclosure of any kind, in whole or in part, and in any form or by any means whatsoever either, is strictly prohibited and requires the prior written consent of INNOVA. The data is the exclusive property of 9105-0732 QUEBEC INC., under exclusive license to INNOVA and cannot be used or disclosed in any way without the prior written consent of INNOVA.</small>				