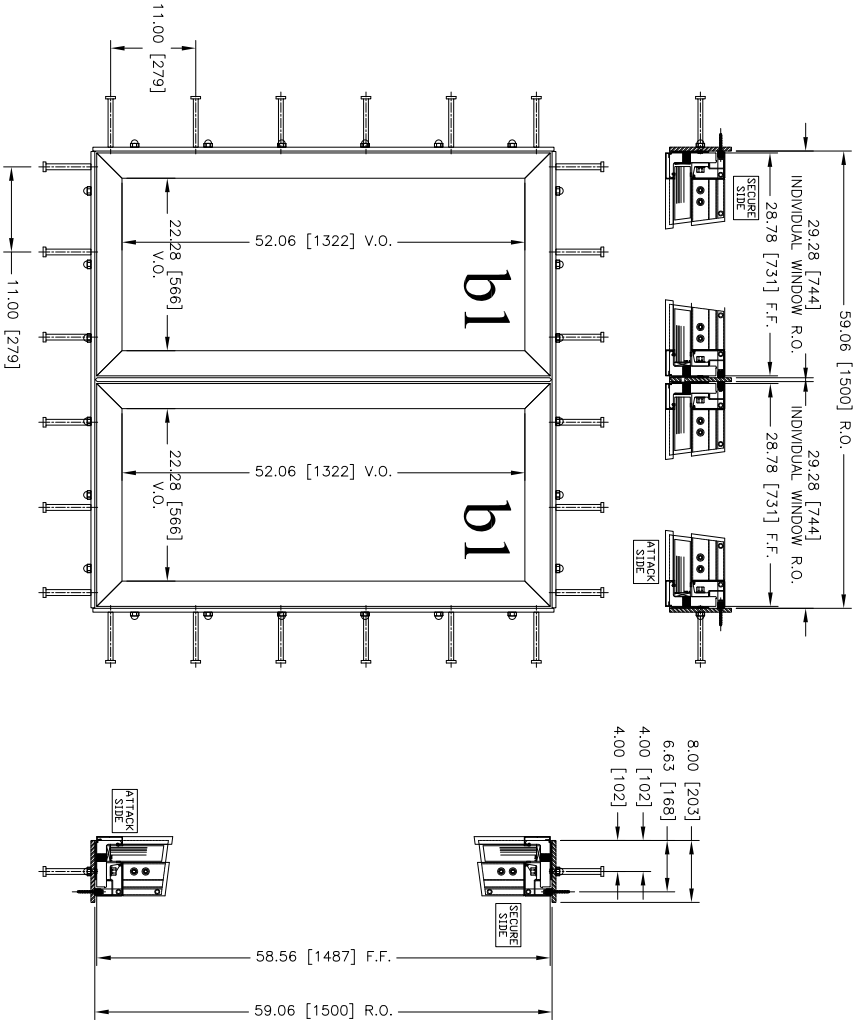
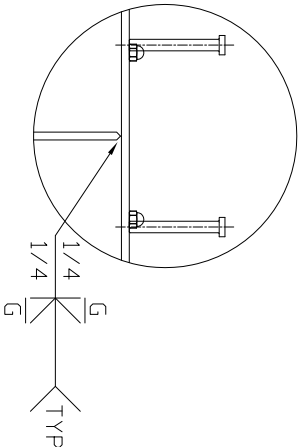


A	ADDED DRY GLAZE GASKET, CHANGED SCALE TO 1/25	12/1/11	MEH
A	EDITED NOTES PER COMMENTS, ADD UNCLASSIFIED	12/1/11	MEH
A	ADDED THERMAL BREAK TO EMBED, WELD DETAIL	12/1/11	MEH
REV	DESCRIPTION	DATE	BY
REVISIONS			

G-1

WELD AT MULLION

(FRAME REMOVED FOR CLARITY)
SCALED 2X



Remarks and Material Information

- 1.) M16 bolts are torqued to 35 ft-lbs +/- 5 ft-lbs [47 N-m +/- 7 N-m].
- 2.) Dimensions in [] are metric.
- 3.) Studs are 5/8" x 6 9/16" (16mm x 167mm) Nelson Studs at jambs.
- 3.) Studs are 3/4" x 6 3/16" (20mm x 157mm) Nelson Studs at head & sill.
- 4.) Anchor spacing is a maximum 10" (254mm) on center.
- 5.) Stud spacing is a maximum 11" (280mm) on center at the head & sill.
- 5.) Stud spacing is a maximum 11" (280mm) on center at the jambs.
- 6.) Frame and glazing stop material are 6005A-161 Aluminum
- 7.) Ross Model #GWV-15R-ROS-04 (DOS Code 1123/Blast)
- 8.) Setting Blocks are 1/2" thick neoprene, shore A/80 Durometer.
- 9.) Glazing Blocks are 1/8" thick rubber, shore A/50 Durometer.
- 10.) Shims are 1/16" stackable plastic horseshoe design shims with break-away tabs at every frame bolt.
- 11.) Glazing is type 6, Low E (DOS 1123/Blast)
- 12.) See drawings 48112000A & 48112000B for section information.
- 13.) All material callouts, fastener size & spacing, stud size & spacing, and glazing type is per blast specifications.
- 14.) All welding to be done by manufacturer unless otherwise noted.

2	2	TBD	WINDOW b1 ASSEMBLY INSERT
1	1	TBD	WINDOW G-1 ASSEMBLY EMBED
ITEM	QTY	PART NUMBER	DESCRIPTION
Parts List			

DRAWN		MarkH	7/22/2011
APPROVED			
TITLE			
Ross Technology Corp.			
Security Systems			
Window G-1 Assembly			
Customer			
US Department of State			
SIZE		WO#	DWG NO
B		61000	48112000
SCALE		1/25	CLIN# 0012
			PO# SAQMA11D0064
			REV
			A

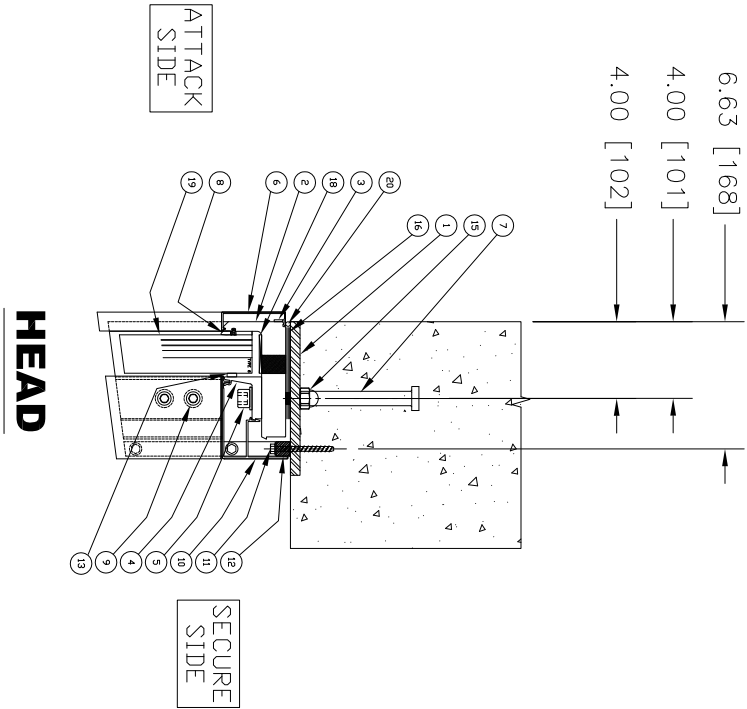
Finishing Information

- A. Attack Side Window Frame Assembly
1. Extruded Aluminum Frame, Mill Finish
 - Extruded Snap on Cladding,
 - Paint color per Task Order.
- B. Secure Side Window Frame Assembly
1. Extruded Aluminum Frame, Mill Finish
 - Extruded Aluminum Glazing Stop Covers,
 - Paint color per Task Order.
- C. Embed Sub Frame
1. Hot dipped galvanized.

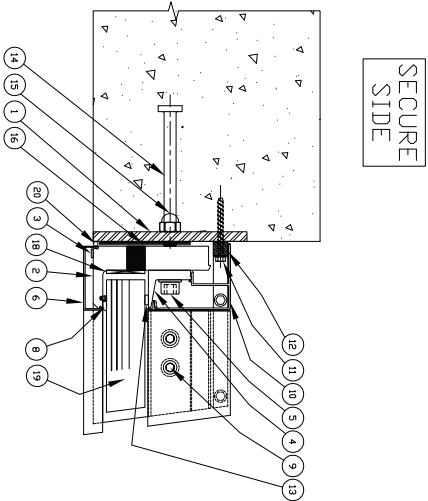
UNCLASSIFIED

R.O. = ROUGH OPENING
W.O. = WINDOW OPENING
F.F. = FINISHED FRAME
V.O. = VISION OPENING
QTY. = QUANTITY
WO# = WORK ORDER NUMBER
TYP = TYPICAL

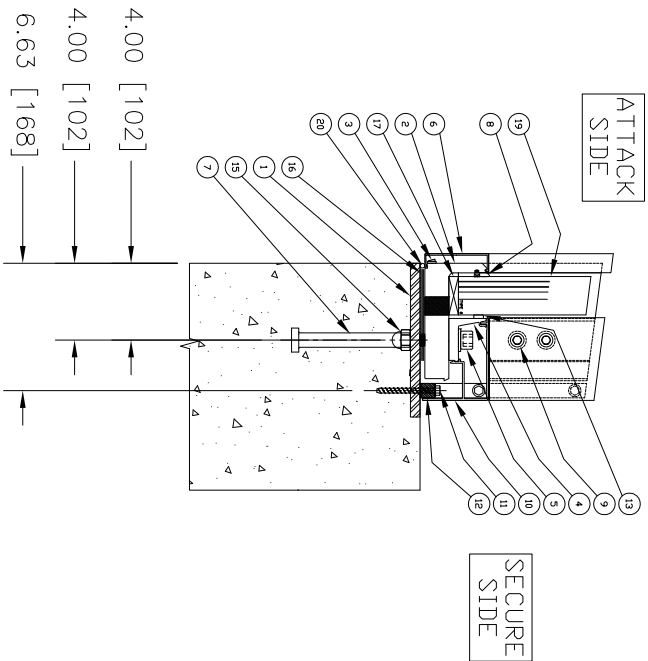
A	ADDED DRY GLAZE GASKET, CHANGED SCALE TO 1/10	12/1/11	MEH
A	EDITED NOTES PER COMMENTS, ADD UNCLASSIFIED	12/1/11	MEH
A	ADD THERMAL BREAK TO MULLION, MULLION TRIM	12/10/11	MEH
REV	DESCRIPTION	DATE	BY
REVISIONS			



HEAD



JAMB

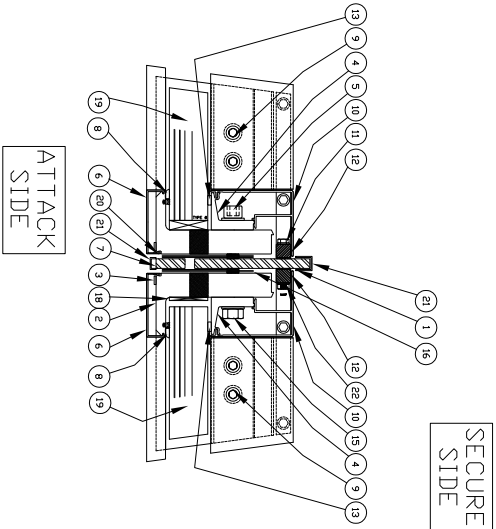


UNCLASSIFIED

DRAWN		MarkH		7/22/2011		<div>Ross Technology Corp.</div> <div>Security Systems</div> <div>TITLE</div> <div>Window G-1 Sections</div> <div>Customer</div> <div>US Department of State</div> <div>SIZE</div> <div>WO#</div> <div>DWG NO</div> <div>REV</div> <div>B</div> <div>61000</div> <div>48112000A</div> <div>A</div> <div>SCALE</div> <div>1/10</div>					
APPROVED											
Tolerances											
				Angular (Deg/Min)		± 0°30'					
				Linear (Frac)		± 1/16					
				Linear (Dec)		.x ± .06					
						. xx ± .03					
						.xxx ± .015					
				SCALE		1/10					

A	ADDED DRY GLAZE GASKET, CHANGED SCALE TO 1/10	12/1/11	MEH
A	EDITED NOTES PER COMMENTS, ADD UNCLASSIFIED	12/1/11	MEH
A	ADD THERMAL BREAK TO MULLION, MULLION TRIM	12/10/11	MEH
REV	DESCRIPTION	DATE	BY
REVISIONS			

- 1/2" x 8" (13mm x 204mm) A36 STEEL MULLION, GALVANIZED DRILLED TO RECEIVE ANCHORS
- THERMALLY BROKEN ALUMINUM WINDOW FRAME SLOTTED TO RECEIVE ANCHORS
- WEEP COVER AT SILL, CAP ELSEWHERE
- EXTRUDED ALUMINUM GLAZING STOP
- M16x2.0x145lg SHCS, CL. 12.9-Z @ 10" o/c MAX
- ALUMINUM SNAP ON EXTERIOR CLADDING PAINTED PER TASK ORDER
- 1/2"x1 1/2" (13mm x 38mm) A36 STEEL MULLION, GALVANIZED
- DUAL DUROMETER DRY-GLAZING BULB (FACTORY INSTALLED)
- M12x1.75x20lg HHCS, CL. 10.9-Z, TO SECURE GLAZING STOPS DURING SHIPMENT
- ALUMINUM SNAP ON INTERIOR COVERS PAINTED PER TASK ORDER
- M8x1.25x70lg HHCS, CLASS 10.9-Z PATTERN @ 6" o/c MAX
- 3/4" x 3/4" (20mm x 20mm) A36 BALLISTIC TRIM, GALVANIZED
- PEMKO FOAM WEATHERSTRIPPING
- NOT USED
- M16x2.0 HEX NUT, PLATED
- 1/16" PLASTIC HORSHESHOE DESIGN SHIMS @ EACH ANCHOR BOLT LOCATION
- 1/2" x 2" x 4"lg (13mm x 51mm x 102mm) A80 DUR. SETTING BLOCK @ SILL & ALTERNATE SILL
- 1/8" x 2" x 4"lg (13mm x 51mm x 102mm) A50 DUR. GLAZING BLOCK OPPOSITE SILL & ALTERNATE SILL
- ROSS TYPE 6, LOW E GLAZING, 2" THICK FEBR
- BACKER ROD & SEALANT, PROCURED & INSTALLED BY CONTRACTOR
- MULLION COVER, PAINTED TO MATCH WINDOW TRIM
- M8 HEX NUT, PLATED



MULLION

DRAWN	MarkH	7/22/2011	<div>Ross Technology Corp.</div> <div>Security Systems</div> <div>TITLE</div> <div>Window G-1 Sections</div> <div>Customer</div> <div>US Department of State</div> <div>SIZE</div> <div>WO#</div> <div>61000</div> <div>DWG NO</div> <div>48112000B</div> <div>REV</div> <div>A</div>			
APPROVED						
Tolerances						
Angular (Deg/Min)		± 0°30'				
Linear (Frac)		± 1/16				
Linear (Dec)		.x ± .06				
		. xx ± .03				
		.xxx ± .015				
SCALE		1/10				

UNCLASSIFIED