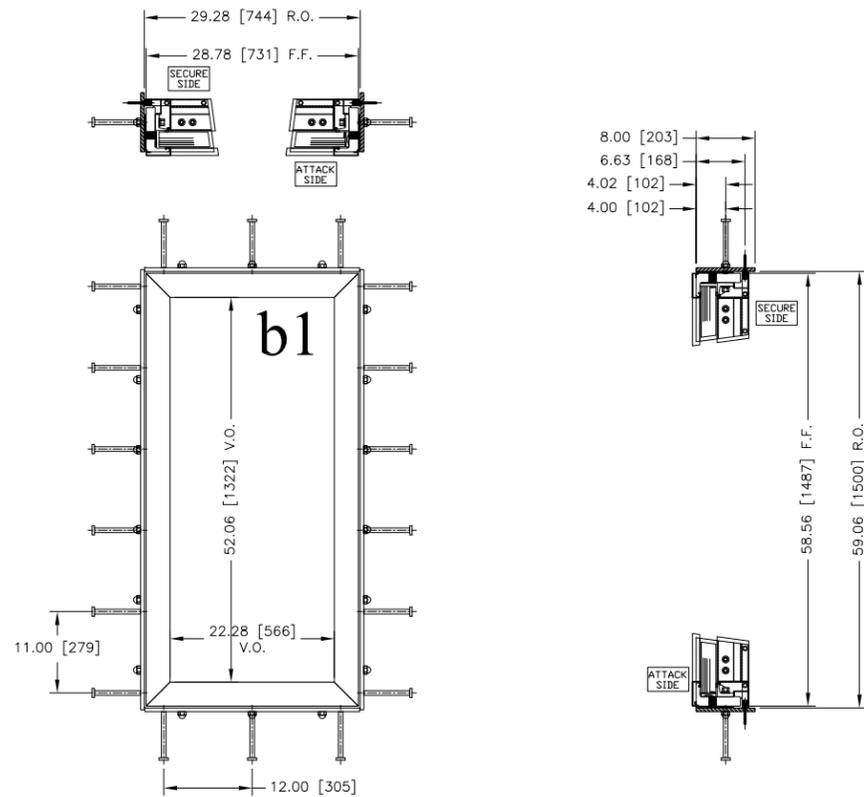


B-1

REV	DESCRIPTION	DATE	BY
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
REVISIONS			



Remarks and Material Information

- M16 bolts are torqued to 35 ft-lbs +/- 5 ft-lbs [47 N-m +/- 7 N-m].
- Dimensions in [] are metric.
- Studs are 5/8" x 6 9/16" (15mm x 157mm) Nelson Studs.
- Anchor spacing is a maximum 10" (254mm) on center.
- Stud spacing is a maximum 12" (305mm) on center at the head & sill.
Stud spacing is a maximum 11" (280mm) on center at the jambs.
- Frame and glazing stop material are 6005A-T61 Aluminum
- Ross Model #GWV-15R-ROS-04 (DOS Code 1123/Blast)
- Setting Blocks are 1/2" thick neoprene, shore A/80 Durometer.
- Glazing Blocks are 1/8" thick rubber, shore A/50 Durometer.
- Shims are 1/16" stackable plastic horseshoe design shims with break-away tabs at every frame bolt.
- Glazing is type 6, Low E (DOS 1123/Blast)
- See drawings 48103000A for section information.
- All material callouts, fastener size & spacing, stud size & spacing, and glazing type is per blast specifications.
- All welding to be done by manufacturer unless otherwise noted.

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

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

UNCLASSIFIED

Finishing Information

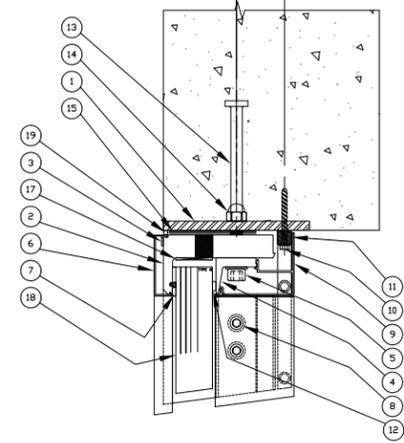
- A. Attack Side Window Frame Assembly
- Extruded Aluminum Frame, Mill Finish
Extruded Snap on Cladding,
Paint color per Task Order.
- B. Secure Side Window Frame Assembly
- Extruded Aluminum Frame, Mill Finish
Extruded Aluminum Glazing Stop Covers,
Paint color per Task Order.
- C. Embed Sub Frame
-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

DRAWN	MarkH	7/22/2011	Ross Technology Corp. Security Systems			
APPROVED						
Tolerances	Angular (Deg/Min)	± 0°30'	TITLE Window B-1 Assembly			
	Linear (Frac)	± 1/16	Customer US Department of State			
	Linear (Dec)	.x ± .06 .xx ± .03 .xxx ± .015	SIZE B	WO# 61000	DWG NO 48103000	REV A
	SCALE	1/25	CLIN# 0003	PO# SAQMMA11D0064		

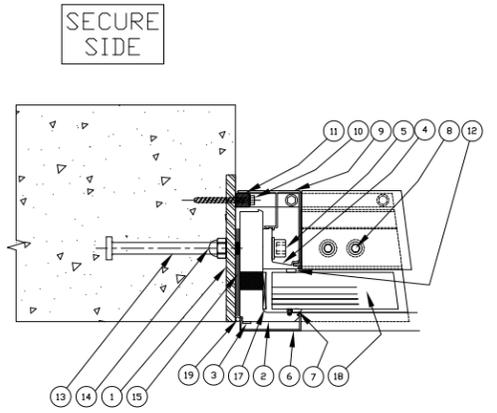
REV	DESCRIPTION	DATE	BY
A	ADDED DRY GLAZE GASKET, CHANGED SCALE TO 1/10	12/1/11	MEH
A	EDITED NOTES PER COMMENTS, ADD UNCLASSIFIED	12/1/11	MEH

REVISIONS

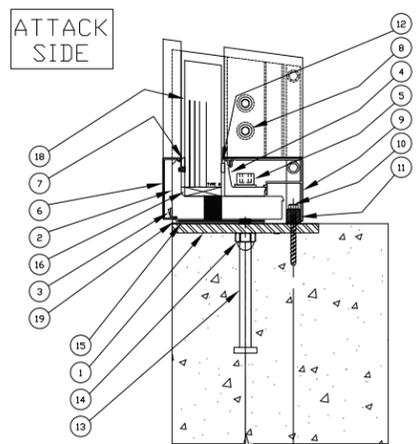
6.63 [168]
4.00 [102]
4.00 [102]



HEAD



JAMB



SILL

4.00 [102]
4.00 [102]
6.63 [168]

- 1.) 1/2" x 8" (13mm x 204mm) A36 STEEL EMBED PLATE, GALVANIZED DRILLED & TAPPED TO RECEIVE ANCHORS
- 2.) THERMALLY BROKEN ALUMINUM WINDOW FRAME SLOTTED TO RECEIVE ANCHORS
- 3.) WEEP COVER AT SILL, CAP ELSEWHERE
- 4.) EXTRUDED ALUMINUM GLAZING STOP
- 5.) M16x2.0x75lg SHCS, CL. 12.9-Z @ 10" o/c MAX w/ WASHER
- 6.) ALUMINUM SNAP ON EXTERIOR CLADDING PAINTED PER TASK ORDER
- 7.) DUAL DUROMETER DRY-GLAZING BULB (FACTORY INSTALLED)
- 8.) M12x1.75x20lg HHCS, CL. 10.9-Z, TO SECURE GLAZING STOPS DURING SHIPMENT
- 9.) ALUMINUM SNAP ON INTERIOR COVERS PAINTED PER TASK ORDER
- 10.) 1/4"x3" (6.5mm x 75mm) CONCRETE ANCHORS PATTERN @ 6" o/c MAX
- 11.) 3/4" x 3/4" (20mm x 20mm) A36 BALLISTIC TRIM, GALVANIZED
- 12.) PEMKO FOAM WEATHERSTRIPPING
- 13.) 5/8"x6 9/16"lg (15mm x 167mm) NELSON STUD
12" (305mm) o/c MAX AT JAMBS
11" (280mm) o/c MAX AT HEAD & SILL
- 14.) M16x2.0 ACORN NUT, WELDED TO EMBED PLATE (FOR BOLT OVERRUN ONLY- NOT STRUCTURAL)
- 15.) 1/16" PLASTIC HORSHESHOE DESIGN SHIMS @ EACH ANCHOR BOLT LOCATION
- 16.) 1/2" x 2" x 4"lg (13mm x 51mm x 102mm) A80 DUR. SETTING BLOCK @ SILL & ALTERNATE SILL
- 17.) 1/8" x 2" x 4"lg (13mm x 51mm x 102mm) A50 DUR. GLAZING BLOCK OPPOSITE SILL & ALTERNATE SILL
- 18.) ROSS TYPE 6, LOW E GLAZING, 2" THICK FEBR
- 19.) BACKER ROD & SEALANT, PROCURED & INSTALLED BY CONTRACTOR
SEE TYPICAL FINISH DRAWING FOR FLASHING DETAIL

UNCLASSIFIED

DRAWN MarkH 7/22/2011		Ross Technology Corp. Security Systems	
APPROVED			
Tolerances	Angular (Deg/Min)	± 0'30"	
	Linear (Frac)	± 1/16	
	Linear (Dec)	.x ± .06 .xx ± .03 .xxx ± .015	
	TITLE Window B-1 Sections		
Customer US Department of State			REV A
SIZE B	WO# 61000	DWG NO 48103000A	
SCALE 1/10			