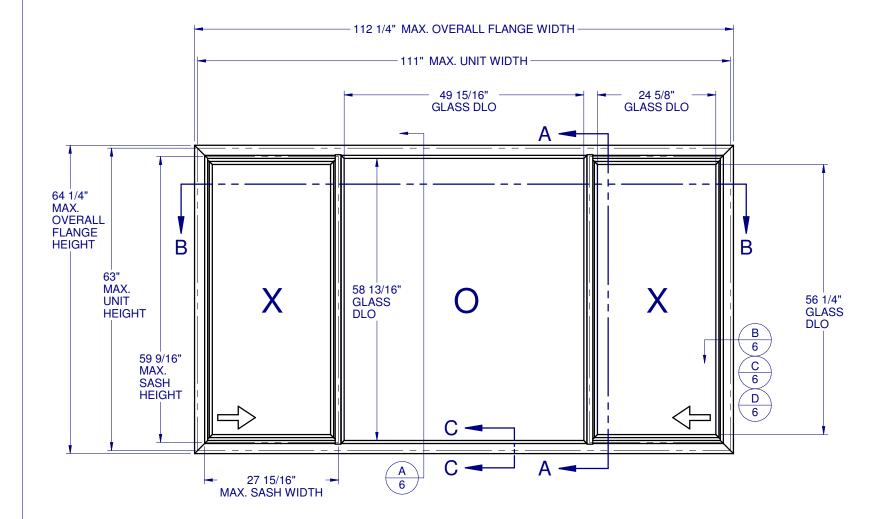
HORIZONTAL SLIDER - LARGE MISSILE IMPACT



GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION AND IS RATED FOR WIND ZONE 3 MISSILE LEVEL D IMPACT USE AS DEFINED IN ASTM E 1996 PER THE FBC.

THIS PRODUCT MAY NOT BE USED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OR IN ASTM E 1996 WIND ZONE 4 AREAS.

- 2. GLAZING OPTIONS: (SEE SHEET 2)
- 3. CONFIGURATIONS: "OX", "XO".
- 4. DESIGN PRESSURE RATING:
 -NEGATIVE DESIGN LOADS BASED ON, TESTED PRESSURE AND
 GLASS TABLES ASTM E-1300-04.
 -POSITIVE DESIGN LOADS BASED ON, TESTED PRESSURE, WATER
 INFILTRATION TEST PRESSURE AND GLASS TABLES

ASTM E-1300-04.

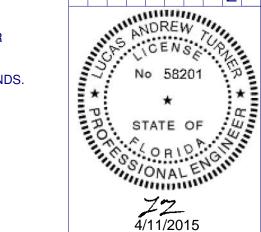
- ANOLIODACE, THE 00 1/00/
- 5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEET 6 FOR ANCHOR DETAILS. WINDLOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 6. PRODUCT APPROVED FOR IMPACT RESISTANCE. SHUTTERS ARE NOT REQUIRED.
- 7. ALL FRAMES AND VENTS FULLY WELDED. SMALL JOINT SEAM SEALANT USED AT FIXED MEETING RAIL AND HEAD/SILL.
- 8. SERIES / MODEL DESIGNATION HS-8200.
- 9. THE DESIGNATION X AND O STAND FOR THE FOLLOWING: X = OPERABLE SASH, O = FIXED SASH
- 10. SECTION CALLOUTS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.
- 11. EXTERNAL WEEP SLOT = 1/4" x 1" LOCATED 4" FROM BOTH ENDS.



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8200 PVC HORZ. SLIDER IMPACT

			EMK 04/08/15	ADE 02/06/14	DATE:		
			EMK	ADE	BY:		
			UPDATED PER 2014 FBC	A CHANGED EDGE DIST.	NO.: DESCRIPTION:	REVISIONS	
			В	A	NO.:		



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SHEET DESCRIPTION:

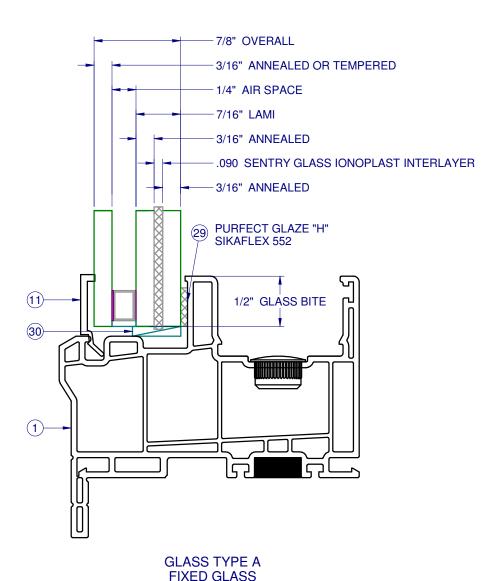
GENERAL NOTES AND ELEVATIONS

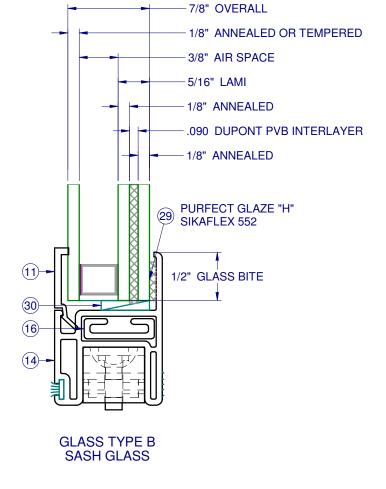
DRAWN BY:	DATE:		
TEF	10/11/13		
DWG #:	REV.:		
CWS-868	В		
SCALE:	SHEET		
1:20	1 OF 6		
	DWG #: CWS-868 SCALE:		

TABLE OF CONTENTS

GENERAL NOTES & ELEVATIONS	1
GLAZING DETAILS	2
SECTION VIEWS & GLAZING DETAILS.	3
EXTRUSIONS & B.O.M	2
ANCHOR SCHEDULE & NOTES	5
INSTALLATION DETAILS	6

MAX. UNIT SIZE	DESIGN PRESSURE RATING	IMPACT RATING
111" x 63"	+/- 50 PSF	LARGE MISSILE IMPACT

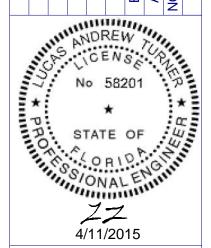






8200 PVC HORZ. SLIDER IMPACT

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			EMK	ADE	BY:		
			UPDATED PER 2014 FBC	CHANGED EDGE DIST.	NO.: DESCRIPTION:	REVISIONS	
			В	٧	NO.		

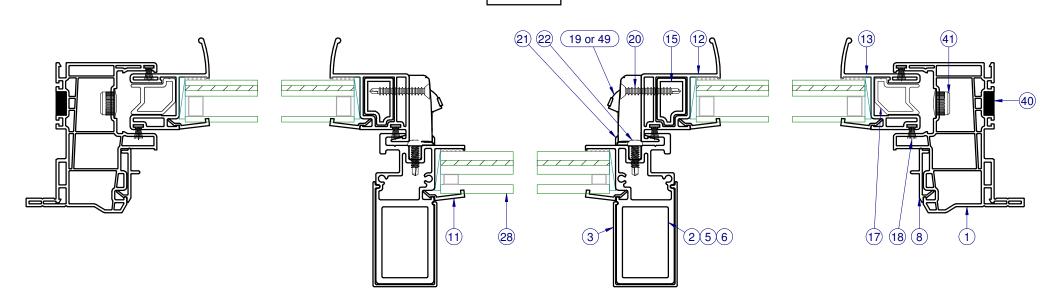


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GLAZING DETAILS

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DWG #:	REV.:
CWS-868	В
SCALE:	SHEET
1:1	2 OF 6



SECTION VIEW B-B

INTERIOR



8200 PVC **HORZ. SLIDER IMPACT**

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			EMK	ADE	BY:		
			UPDATED PER 2014 FBC	A CHANGED EDGE DIST.	NO.: DESCRIPTION:	REVISIONS	
			В	A	NO.:		



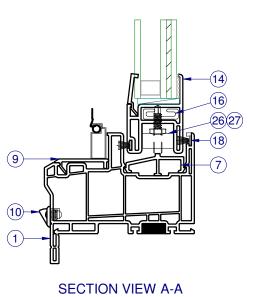
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SHEET DESCRIPTION:

SECTION VIEWS

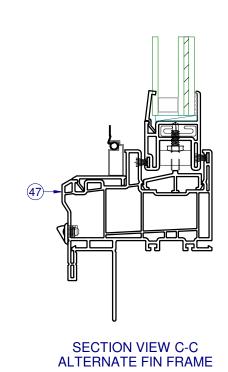
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TEF	10/11/13
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SCALE:	SHEET
1:2	3 OF 6

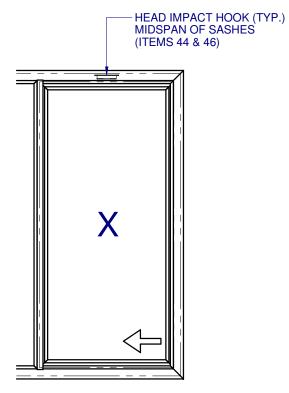




31-37 18

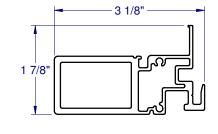
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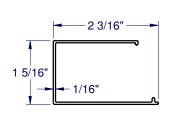


HEAD IMPACT HOOK LOCATIONS 1:20

PARTS LIST							
ITEM	PART#	DESCRIPTION	VENDOR	MATERIAL			
1	H-6049	Main Frame, SH/HS, Flange, PVC	Mikron	PVC			
2	H-1681	Fixed Rail, Heavy Duty, Aluminum	Keymark	Alum			
3	S-6077	Cover, HD Fixed Rail, PVC	Mikron	PVC			
5	P-4638	#8 x 2 1/2" Ph Mod Truss Type A TEK	Ajax	Steel			
6	P-3342	Seam Sealer, SM-5504	Schnee	Silicone			
7	S-1776	Roller Track	Keymark	Alum			
8	S-6013	Screen Adapter, Jamb, PVC	Mikron	PVC			
9	S-6014	Screen Adapter, Head & Sill, PVC	Mikron	PVC			
10	P-4479	Weep Cover w/ Flap	M&M	Nylon			
11	S-6064	Glazing Bead	Mikron	PVC			
12	H-6050	Sash Meeting Rail, PVC	Mikron	PVC			
13	H-6051	Sash Pull Rail, PVC	Mikron	PVC			
14	H-6052	Sash Top/Bot. Rail, PVC	Mikron	PVC			
15	H-1497	Reinf. Sash Meet. Rail	Keymark	Alum			
16	H-1498	Reinforcement, Sash, Side Rail	Keymark	Alum			
17	H-1699	Reinforcement, Sash Pull Rail	Keymark	Alum			
18	P-3429	Wstp., 0.270 x .187 back FinSeal, Gra	Ultrafab				
19	P-3783	Lock, Impact, PVC	Interlock				
20	P-4051	#8 x 1 1/4" Ph Flat Tek, Wht.	Fastenal	Steel			
21	P-4069	Keeper, Impact, PVC	Interlock				
22	P-3539	#8 x 3/4" Square PH Tek, Wht.	Fastenal	Steel			
26	P-4779	Roller, Tandem	M&M	Nylon			
27	P-3541	#8 x 1/2" Quad PH TEK 2 Zinc	Fastenal	Steel			
28	GLASS	SEE SHEET 2	CARDINAL	GLASS			
29		Purfect Glaze "H" or Sikaflex 552	Henkel/Sika	Silicone			
30	P-3028	Set. Blk., 85 Dur., 1/8" x 7/8" x 2" Lg.	Frank Lowe	Rubber			
31	P-3218	Screen Frame	Allmetal	RollForm			
32	P-4754	Screen Corner Key	Allmetal	Nylon			
33	P-4755	Screen Corner Key w/Safety Tab	Allmetal	Nylon			
34	P-3029	Screen Pull tab	Summit				
35	P-3033	Screen Spring	Fla. Spring	SS			
36	P-3228	Screen Spline	Dapa				
37	P-4772	Screen Cloth, Fiberglass					
40	P-3113	Screw Support, PVC	Team Plastics	Rubber			
41	P-3752	Cap Plug, 1/2" Hole	M&M	Nylon			
43	S-1112	Reinforcement, Head, Jamb	Keymark	Alum			
44	S-2000	Impact Channel, Sash	Keymark	Alum			
45	P-3748	#6 X 5/8 Ph FH TEK, Zinc, Painted	Ajax	Steel			
46	S-1999	Impact Hook, Frame, Head	Keymark	Alum			
47	H-6048	Main Frame, SH/HS, Fin, PVC	Mikron	PVC			
48	S-6055	Roller Track, PVC, (Anti-lift)	Mikron	PVC			
49	P-5250	Lock, Impact, PVC, w/Flipper	Interlock				
50	P-4730	#8 x 1/2" Ph Mod Truss TEK	Fastenal	Steel			



HD MTG RAIL-1681



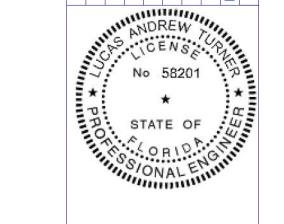
PVC HD MTG RAIL COVER - 6077

2



8200 PVC HORZ. SLIDER IMPACT

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			EMK	ADE	BY:	
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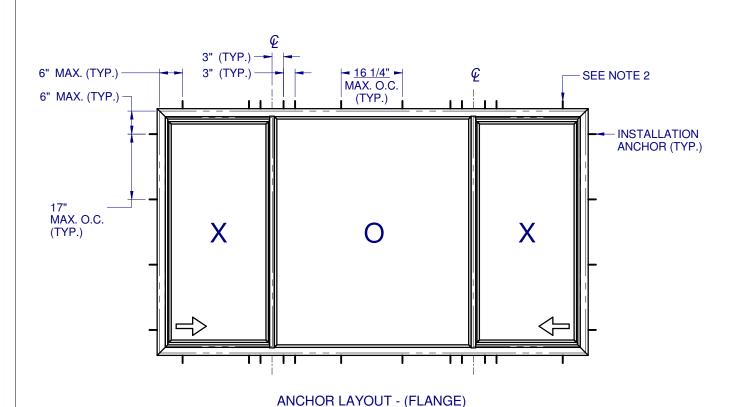
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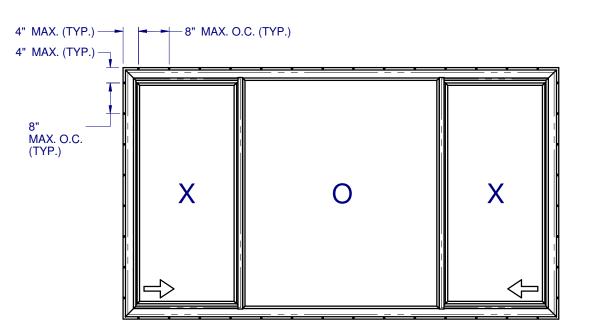
SHEET DESCRIPTION:

DRAWN BY:	DATE:
TEF	10/11/13
DWG #:	REV.:
CWS-868	В
SCALE:	SHEET
1:2	4 OF 6



LINE ITEMS NOT USED: 4, 23-25, 38-39, 42





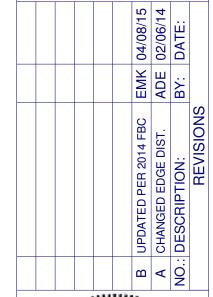
ANCHOR LAYOUT - (FIN)

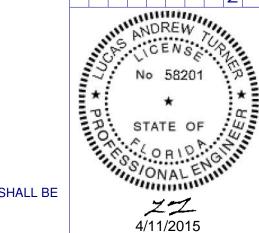
NOTES:

- 1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION. SILL ANCHOR SPACING SAME AS HEAD.
- 2. SHIM AS REQ AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
- 3. ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 6.
- 4. ALL INSTALLATION ANCHORS MUST BE MADE OF OR PROTECTED WITH A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
- 5. INSTALLATION ANCHORS SHALL BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM SPECIFIED IN TABLE 1. SHEET 6.
- 6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE/CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, INTO SUBSTRATE. INSTALLATIONS TO SOLID CONCRETE OR GROUT-FILLED CMU MAY INCLUDE BUT DO NOT REQURE 1X WOOD BUCKS BETWEEN THE PRODUCT AND SUBSTRATE. INSTALLATIONS TO HOLLOW CMU REQUIRE THE USE OF 1X BUCKS BETWEEN THE PRODUCT AND SUBSTRATE.
- 7. A MINIMUM CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL FASTENERS: 3" FOR MASONRY, 1" FOR WOOD AND METAL.
- 8. WOOD OR MASONRY OPENINGS, BUCKS AND BUCK FASTENERS SHALL BE PROPERLY DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE1, SHEET 6. CONCRETE AND MASONRY SUBSTRATES MAY NOT BE CRACKED.
- 9. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS FOLLOWING THE CURRENT VERSION OF THE REFERENCE DOCUMENTS: FMA/AAMA 100(FIN WINDOWS), FMA/AAMA 200(FLANGE WINDOWS), FMA/WDMA 250(BOX WINDOWS), FMA/AAMA/WDMA 300(EXTERIOR DOORS)



8200 PVC HORZ. SLIDER IMPACT



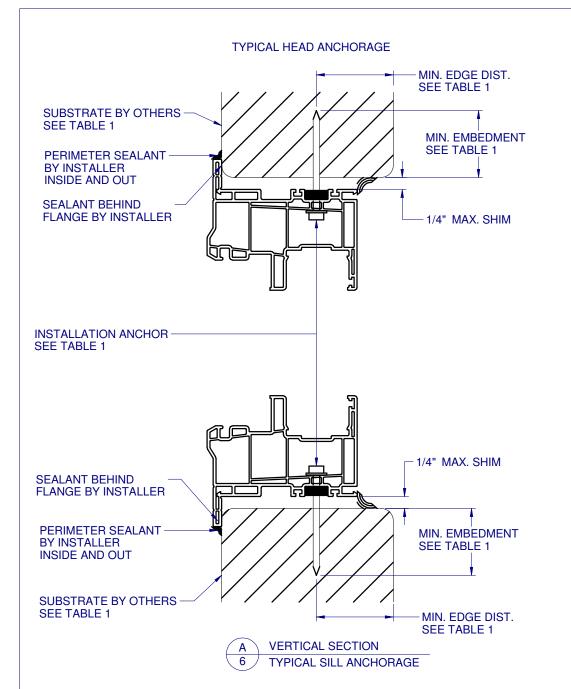


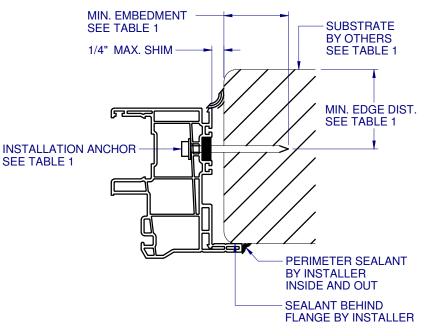
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SHEET DESCRIPTION:

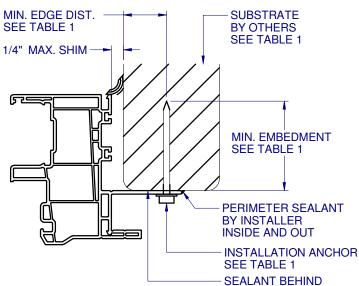
ANCHOR SCHEDULE AND NOTES

DRAWN BY:	DATE:
TEF	10/11/13
DWG #:	REV.:
CWS-868	В
SCALE:	SHEET
1:25	5 OF 6





B HORIZONTAL SECTION
6 TYPICAL JAMB ANCHORAGE



HEAD AND SILL SIMILAR FOR FIN INSTALLATION

HORIZONTAL SECTION

TYPICAL FIN ANCHORAGE

FIN BY INSTALLER

PERIMETER SEALANT BY INSTALLER INSIDE AND OUT

D HORIZONTAL SECTION

BOX FRAME INSTALLATION
HEAD AND SILL SIMILAR FOR BOX INSTALLATION

7/8" FLANGE REN UP TO AND I

FLANGE REMOVAL NOTE: PARTIALLY OR FULLY REMOVING THE FLANGE, UP TO AND INCLUDING A BOX-FRAME APPLICATION IS ACCEPTABLE PROVIDED

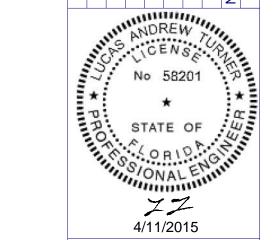
- MIN. 1/4" FILLET OF CONSTRUCTION-GRADE ADHESIVE CAULK IS APPLIED INSIDE AND OUT, FULL PERIMETER, BY INSTALLER.
- PRODUCT ANCHORAGE IS IN ACCORDANCE WITH REQUIREMENTS AS SHOWN FOR FLANGE WINDOWS.



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			В	⋖	<u>S</u>	



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SHEET DESCRIPTION:

INSTALLATION DETAILS

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	TEF	10/11/13			
	DWG #:	REV.:			
	CWS-868	В			
	SCALE:	SHEET			
	1:2	6 OF 6			

