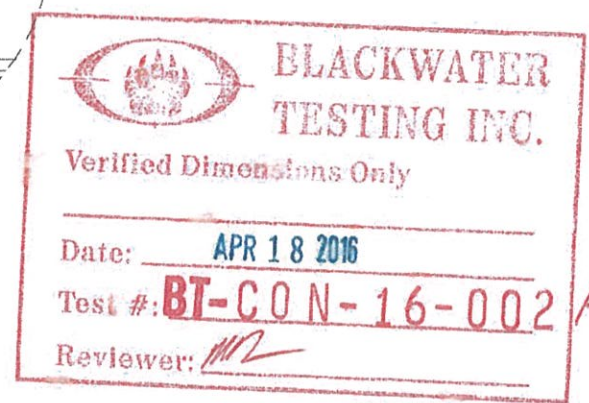
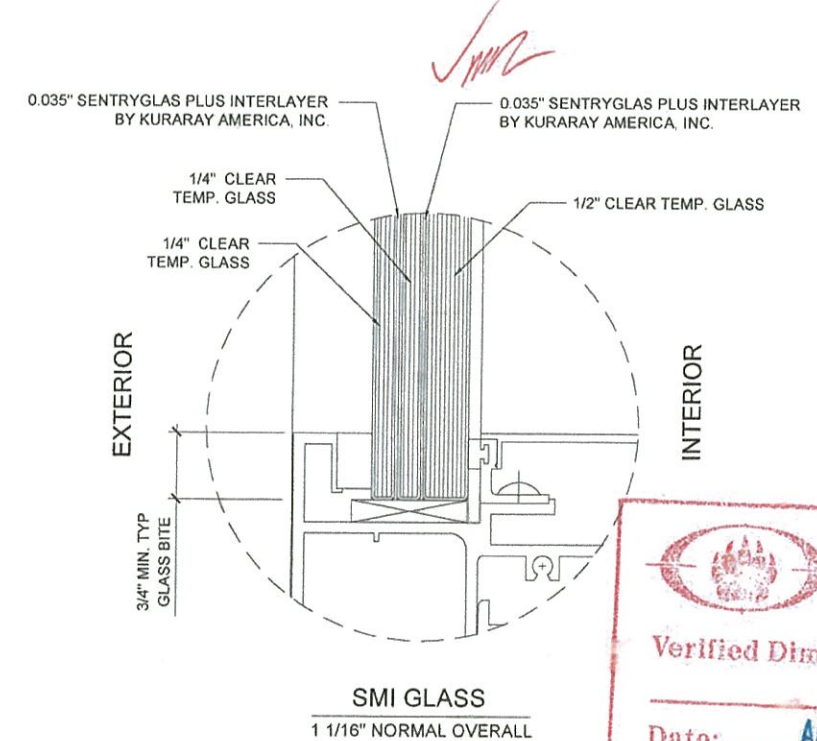
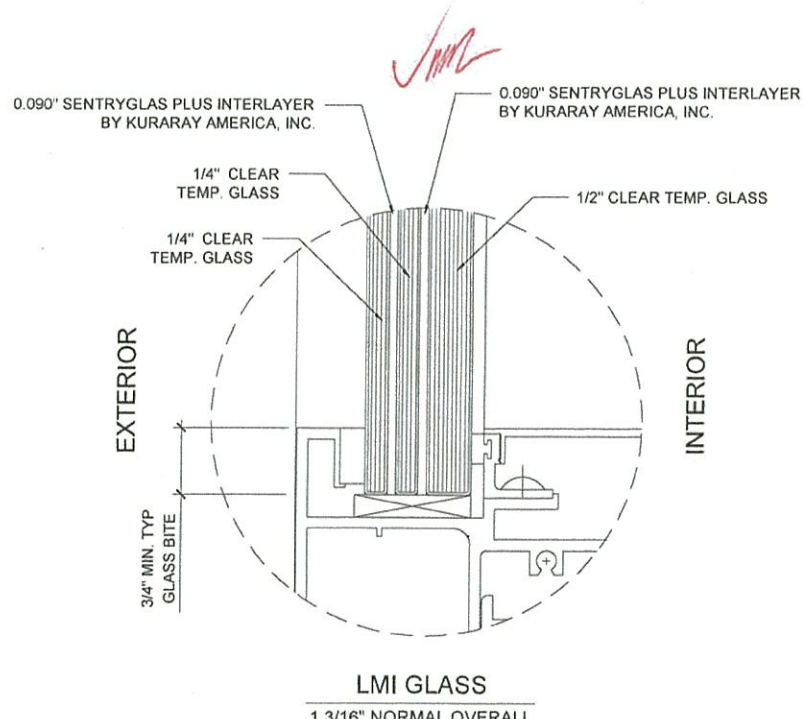


CONTINENTAL GLASS SYSTEMS, LLC.
SERIES 3900 BUTT GLAZED
LARGE AND SMALL MISSILE IMPACT (LMI/SMI)



-WIND PRESURE:

MAXIMUM ALLOWABLE DESIGN PRESSURE (MULTI-SPAN CURTAIN WALL)
+120.0 PSF / -120.0 PSF

-TEST PROTOCOL

-TAS 201-94 : IMPACT TEST.

-TAS 202-94: CRITERIA FOR TESTING IMPACT AND NONIMPACT
RESISTANT BUILDING ENVELOPE.
COMPONENTS UNING UNIFORM STATIC AIR PRESURE.

-TAS 203-94: CRITERIA FOR TESTING PRODUCTS SUBJECT TO CYCLIC
WIND PRESSURE LOADING.

-SEALANTS:

- PERIMETER: DOW CORNING 790/795 SILICONE BUILDING SEALANT
- BUTT-JOINT: DOW CORNING 795 BLACK SILICONE BULDING SEALANT

-TYPICAL ANCHORS:

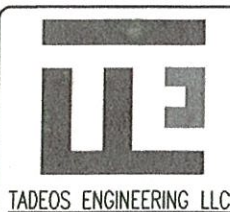
TYPE 'A'- 5/16" DIA. ULTRACON BY 'ELCO' (Fu 177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE OR MASONRY
1-3/4" MIN. EMBED INTO CONCRETE.

TYPE 'B'- 1/4" DIA. SELF DRILLING SCREWS (GRADE 5 CRS)
INTO MIAMI-DADE COUNTRY APPROVED MULLIONS (1/8"THK. MIN)
INTO METAL STRUCTURES
STEEL: 1/8" THK. MIN. (6063-T5 MIN.)
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

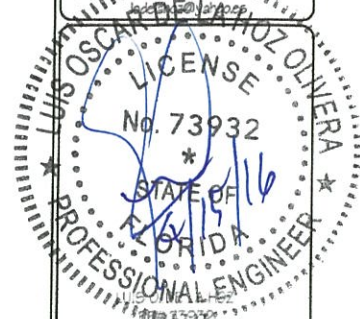
TYPE 'C'- #14 SMS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO MIAMI-DADE COUNTRY APPROVED MULLIONS
(1/8" THK. MIN.) INTO METAL STRUCTURE.

TYPICAL EDGE DISTANCE

INTO CONCRETE = 2-1/2" MIN.
INTO METAL STRUCTURE = 3/4" MIN.



TADEOS ENGINEERING LLC.
CA# 31229
14750 NW 77th Ct, Suite 306
Miami Lakes, FL 33016
Phone: (305) 903-8816
Fax: (305) 903-8817



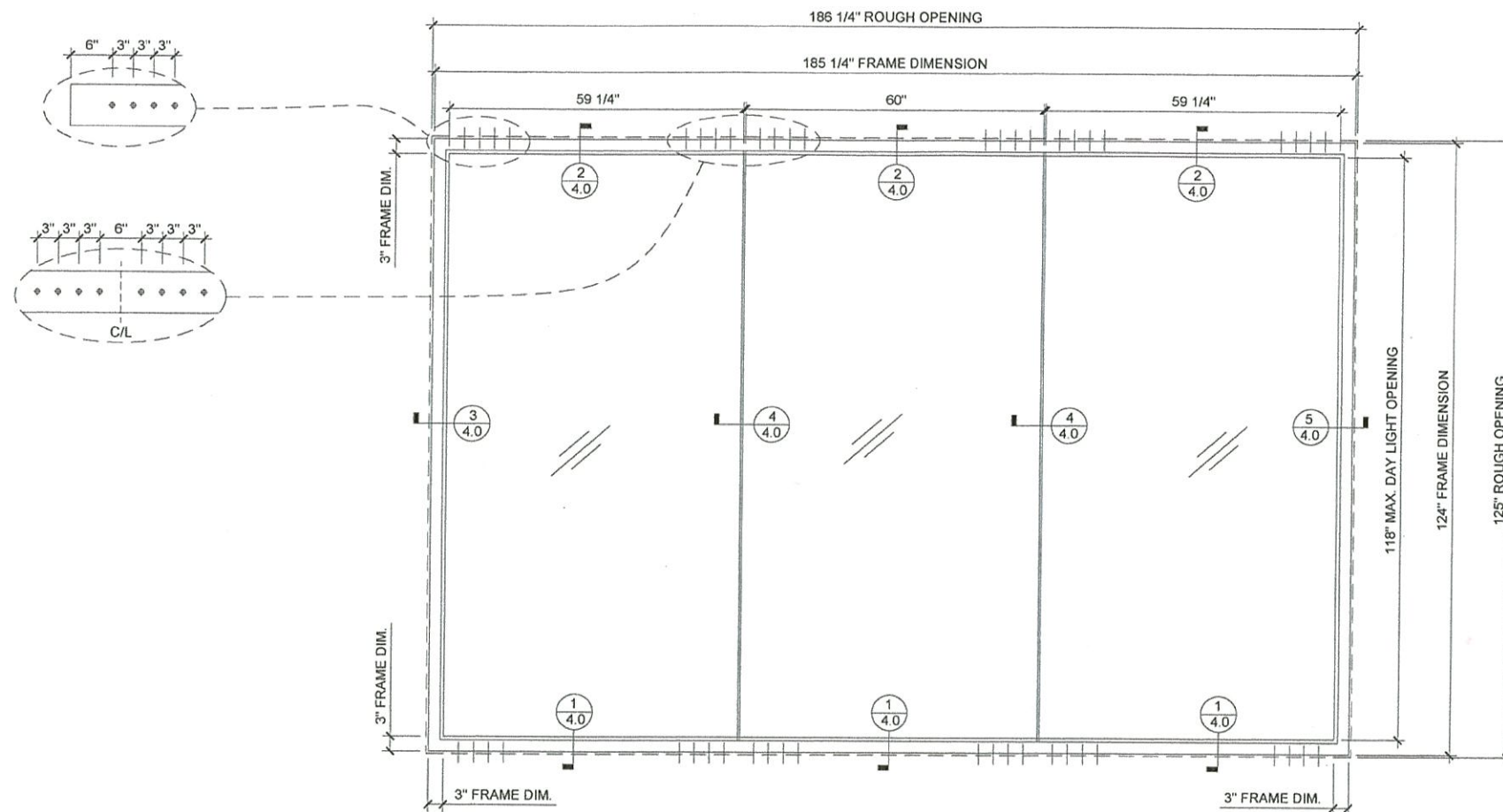
No.	Revision	Date

SHOP DRAWING FOR TESTING
SERIES 3900 BUTT GLAZED

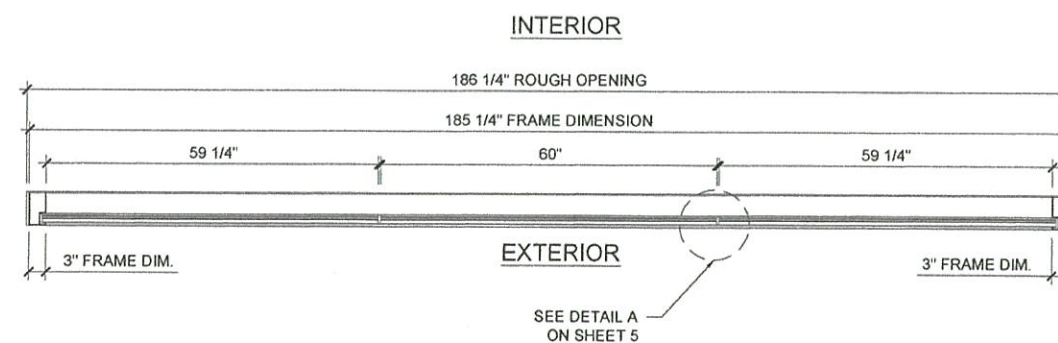
CONTINENTAL GLASS SYSTEMS, LLC.
325 WEST 74 PLACE
HIALEAH, FLORIDA 33014.

COVER

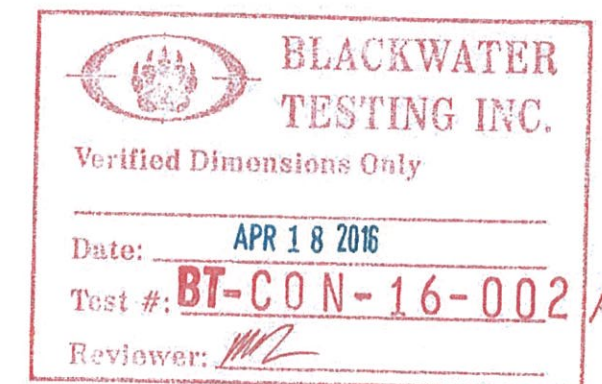
Project No.	02
Company	M.M
Division	L.O.H
Issue Date	02-19-2016
Sheet No.	1 OF 8



IN-LINE MULTIPANEL WINDOW ELEVATION VIEW
SCALE: 3/8"=1'-0"



IN-LINE MULTIPANEL WINDOW PLAN VIEW
SCALE: 3/8"=1'-0"



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CA# 30229
14750 NW 77th Ct, Suite 306
Miami Lakes, FL 33016
Phone: (305) 903-8816
tadeos@tadeos.com



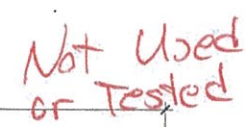
No.	Revision	Date

SHOP DRAWING FOR TESTING
SERIES 3900 BUTT GLAZED

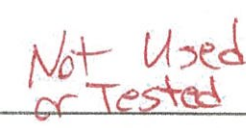
CONTINENTAL GLASS SYSTEMS, LLC.
325 WEST 74 PLACE
HIALEAH, FLORIDA 33014.

ELEVATION 1

Project No.	02
Design	M.M
Check	L.O.H
Issue Date	02-19-2016
Sheet No.	2 OF 8



SCALE: 3/8"=1'-0"



SCALE: 3/8"=1'-0"



BLACKWATER
TESTING INC.

Verified Dimensions Only

Date: **APR 18 2016**

Test #: **BT-CON-16-002** A

Reviewer: *MWZ*



TADEOS ENGINEERING LLC.

CA# 31229

14750 NW 77th Ct, Suite 306

Mami Lakes, FL 33016

Phone: (305) 903-8816.

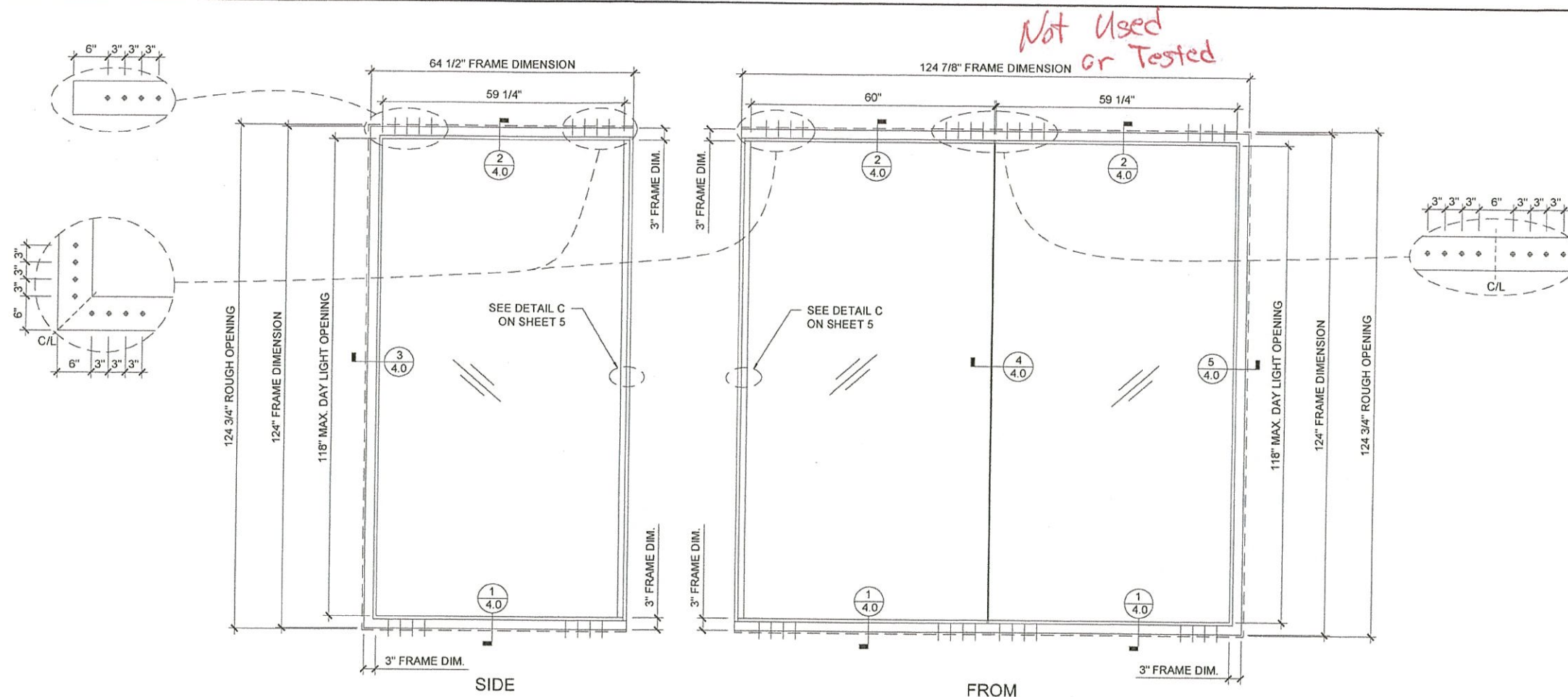
Waelshoz@yahoo.com

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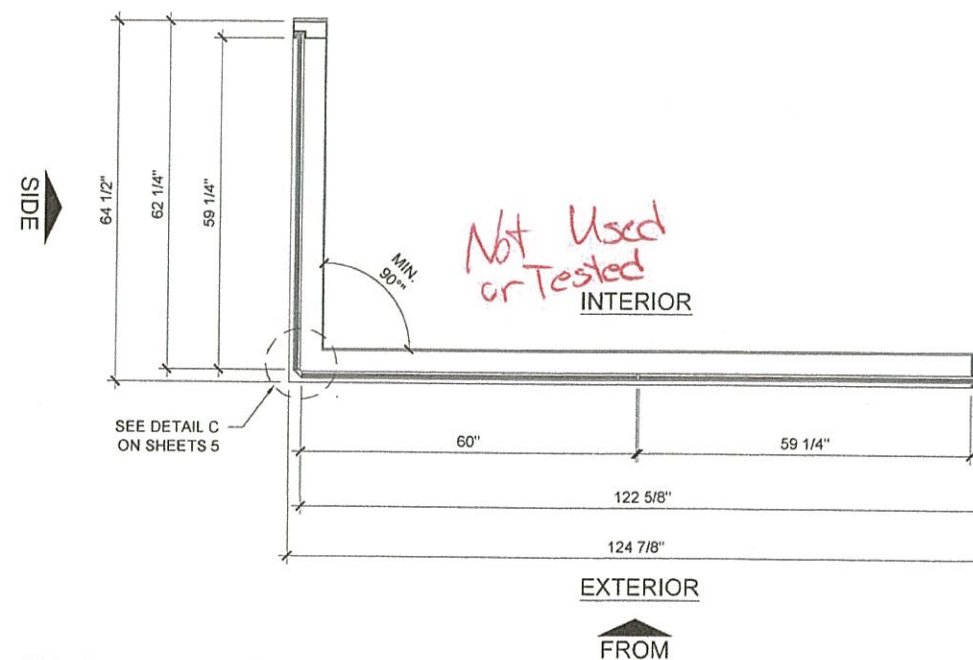
CONTINENTAL GLASS SYSTEMS, LLC.
325 WEST 74 PLACE
HIALEAH, FLORIDA 33014.

ELEVATION 2

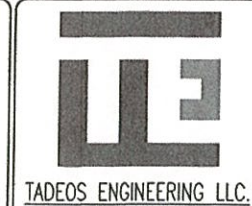
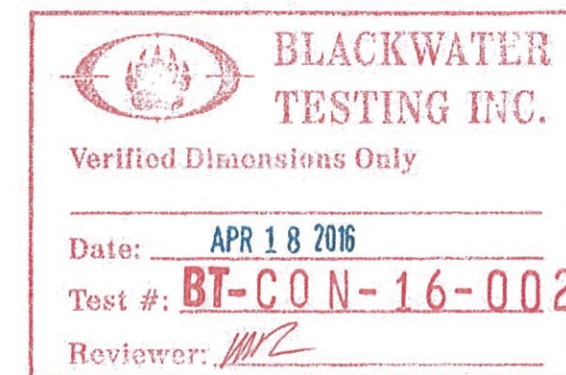
<u>Subject No.</u>	02
<u>Given</u>	M.M
<u>Chapter</u>	L.O.H
<u>Issue Date</u>	02-19-2016
<u>Sheet No.</u>	3 OF 8



ANGLE 90° WINDOW ELEVATION VIEW
SCALE: 3/8"=1'-0"



ANGLE 90° WINDOW PLAN VIEW
SCALE: 3/8"=1'-0"



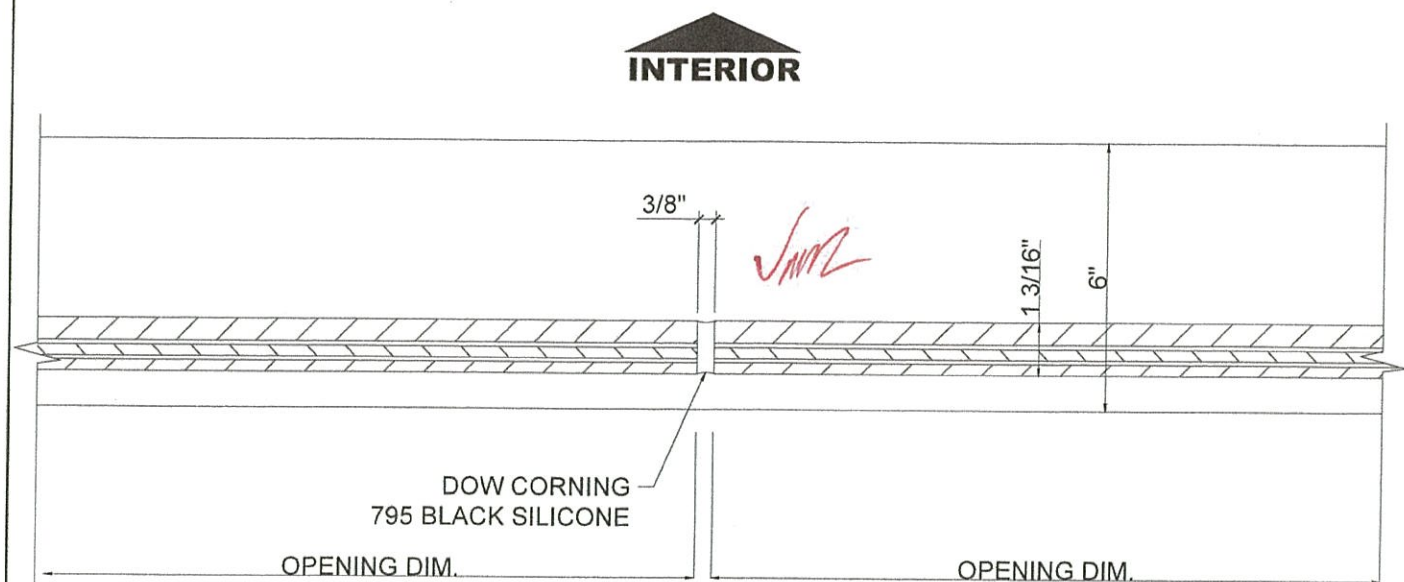
No.	Revision	Date

SHOP DRAWING FOR TESTING
SERIES 3900 BUTT GLAZED

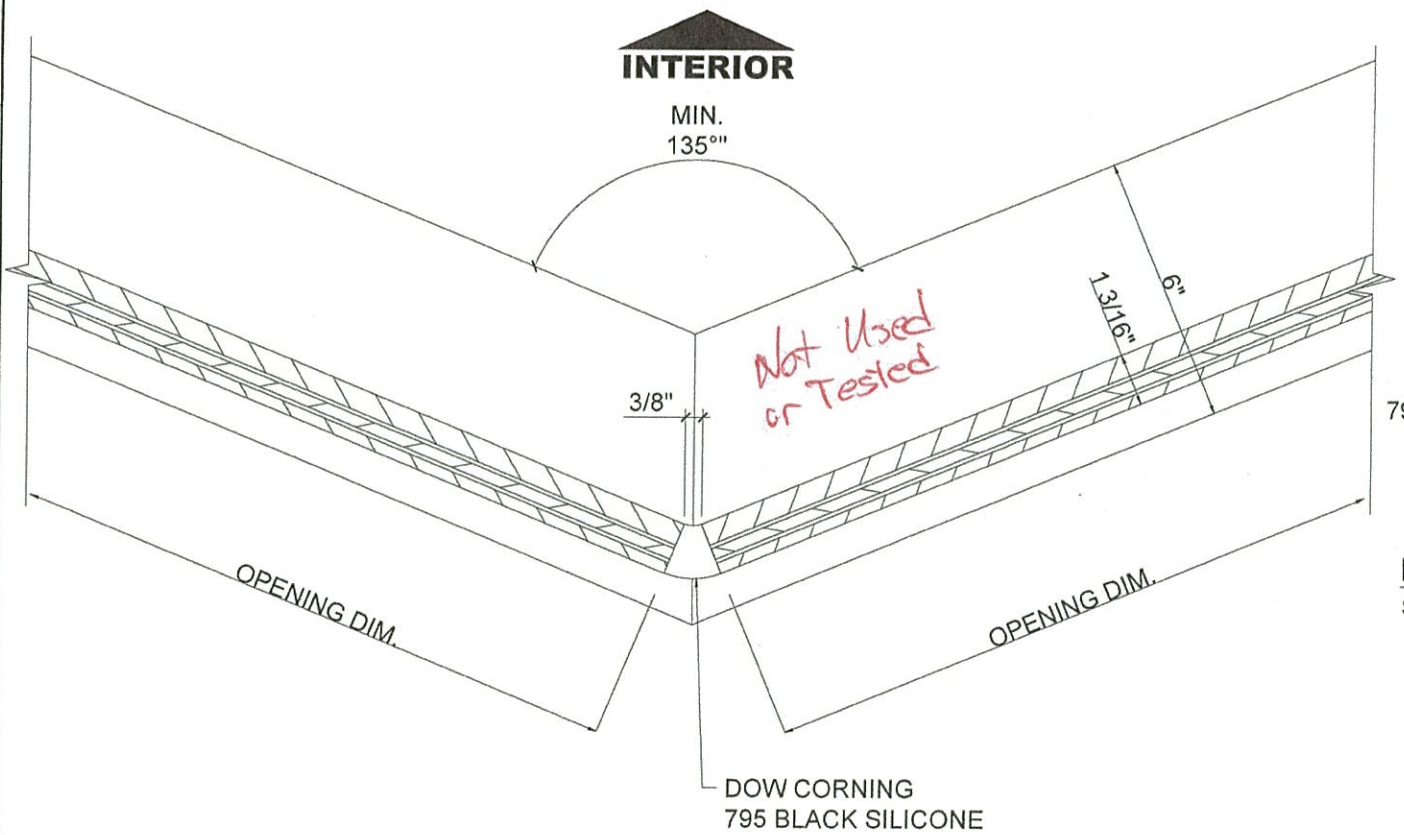
CONTINENTAL GLASS SYSTEMS, LLC.
325 WEST 74 PLACE
HIALEAH, FLORIDA 33014.

ELEVATION 3

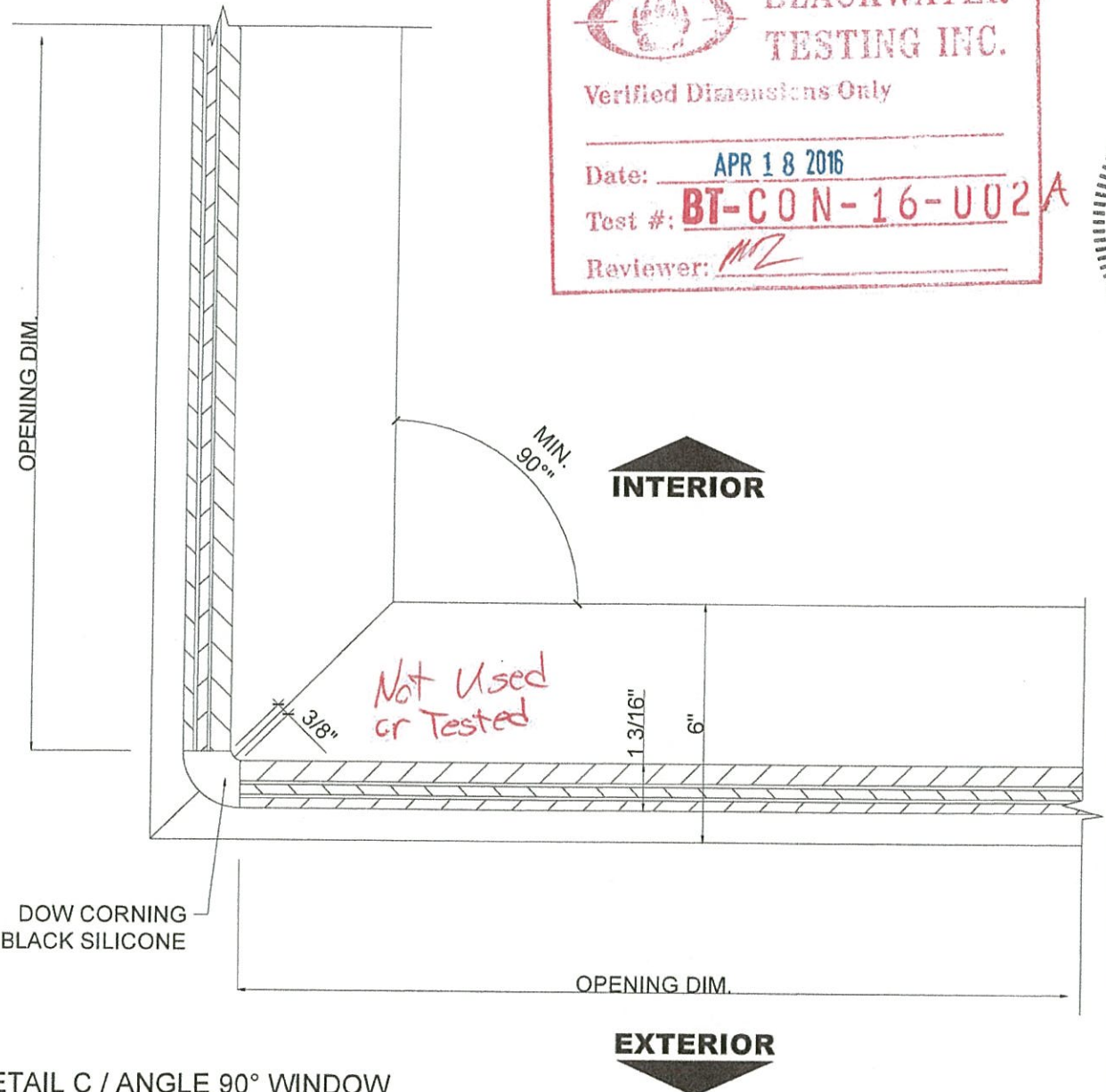
Project No.	02
Drawn	M.M.
Checked	L.O.H.
Date	02-19-2016
Sheet No.	4 OF 8



DETAIL A / IN-LINE MULTIPANEL
SCALE: 3"=1'-0"



DETAIL B / NEO-ANGLE WINDOW
SCALE: 3"=1'-0"



DETAIL C / ANGLE 90° WINDOW
SCALE: 3"=1'-0"

BLACKWATER TESTING INC.
Verified Dimensions Only
Date: APR 18 2016
Test #: BT-CON-16-U02A
Reviewer: [Signature]

TADEOS ENGINEERING LLC.
CA# 31229
14750 NW 77th Ct, Suite 306
Miami Lakes, FL 33016
Phone: (305) 903-8816
Fax: (305) 903-8817

LUIS OSCAR DE LA HOZ OLIVERA
LICENSE
No. 73932
STATE OF FLORIDA
PROFESSIONAL ENGINEER

No.	Revision	Date

SHOP DRAWING FOR TESTING
SERIES 3900 BUTT GLAZED

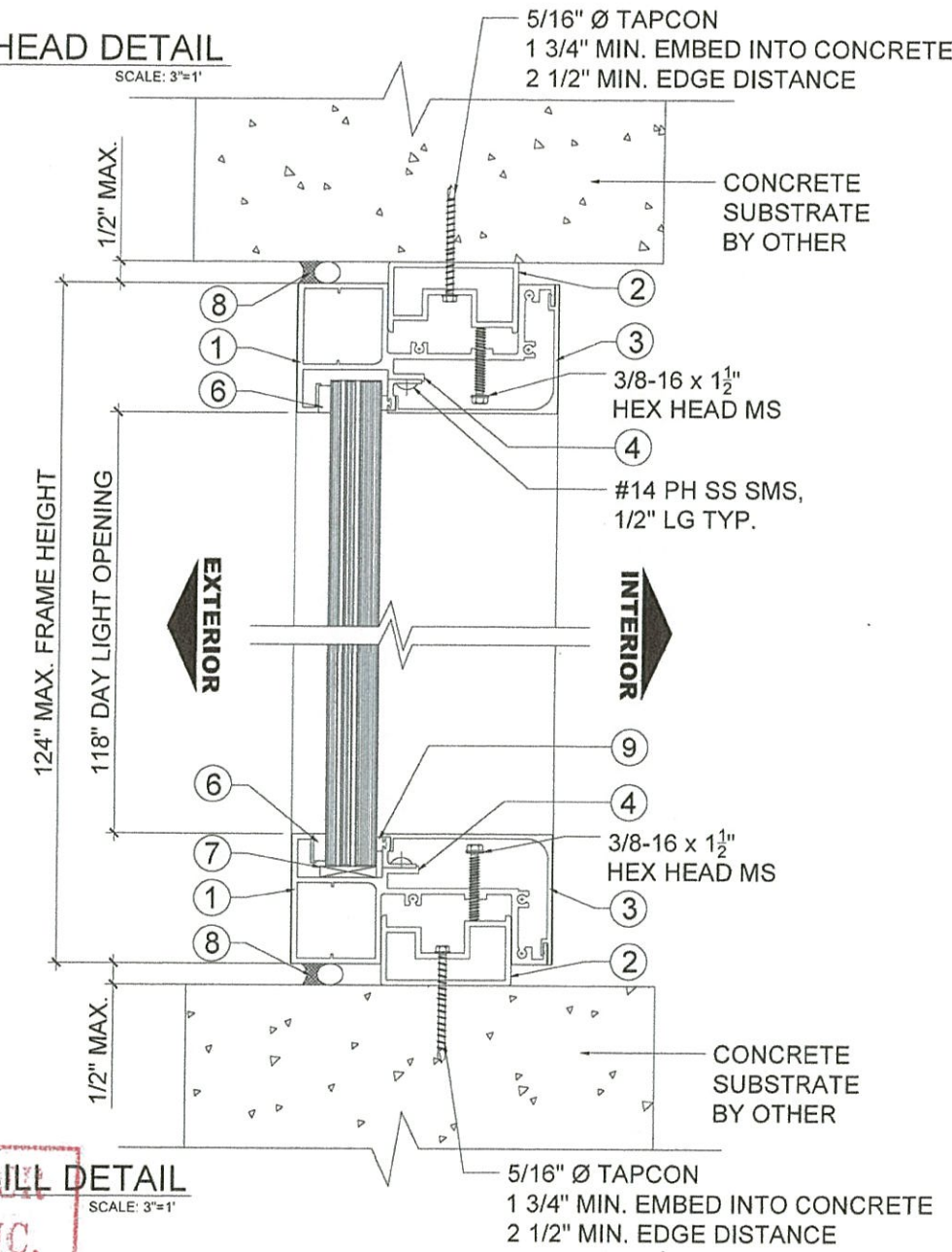
CONTINENTAL GLASS SYSTEMS, LLC.
325 WEST 74 PLACE
HIALEAH, FLORIDA 33014.

DETAIL 1

Project No.	02
Drawn	M.M.
Checked	L.O.H.
Date	02-19-2016
Sheet No.	5 OF 8

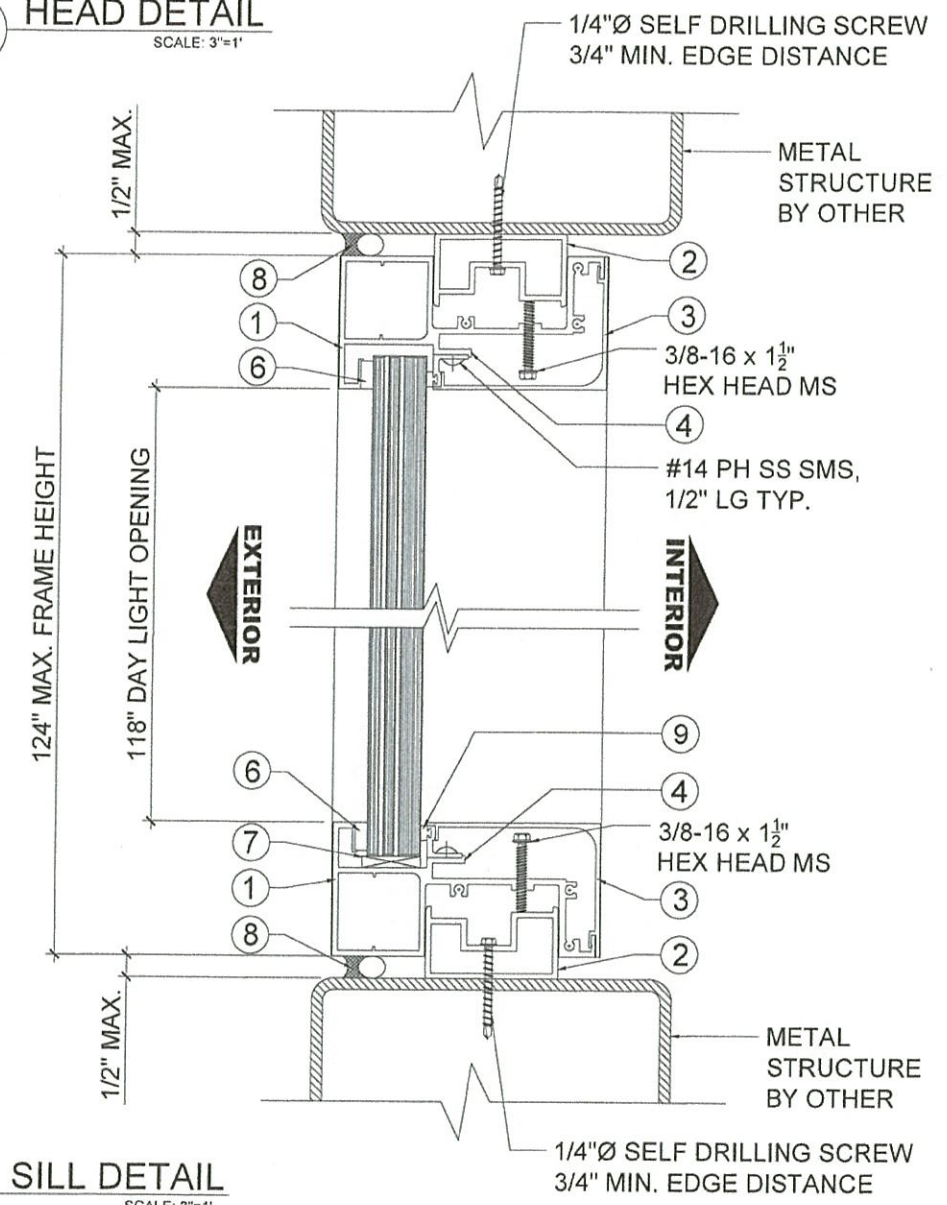
2 HEAD DETAIL

SCALE: 3"=1"



2 HEAD DETAIL

SCALE: 3"=1"



1 SILL DETAIL

SCALE: 3"=1"

1 SILL DETAIL

SCALE: 3"=1"

5/16" Ø TAPCON
1 3/4" MIN. EMBED INTO CONCRETE
2 1/2" MIN. EDGE DISTANCE

MASONRY
HEAD & SILL

STEEL TUBE
HEAD & SILL



BLACKWATER
TESTING INC.

Verified Dimensions Only

Date: APR 18 2016

Test #: BT-CON-16-002A

Reviewer: MML

TAEOS ENGINEERING LLC.
CA# 31229
14750 NW 77th Ct, Suite 306
Miami Lakes, FL 33016
Phone: (305) 903-8816
jg@tadeos.com

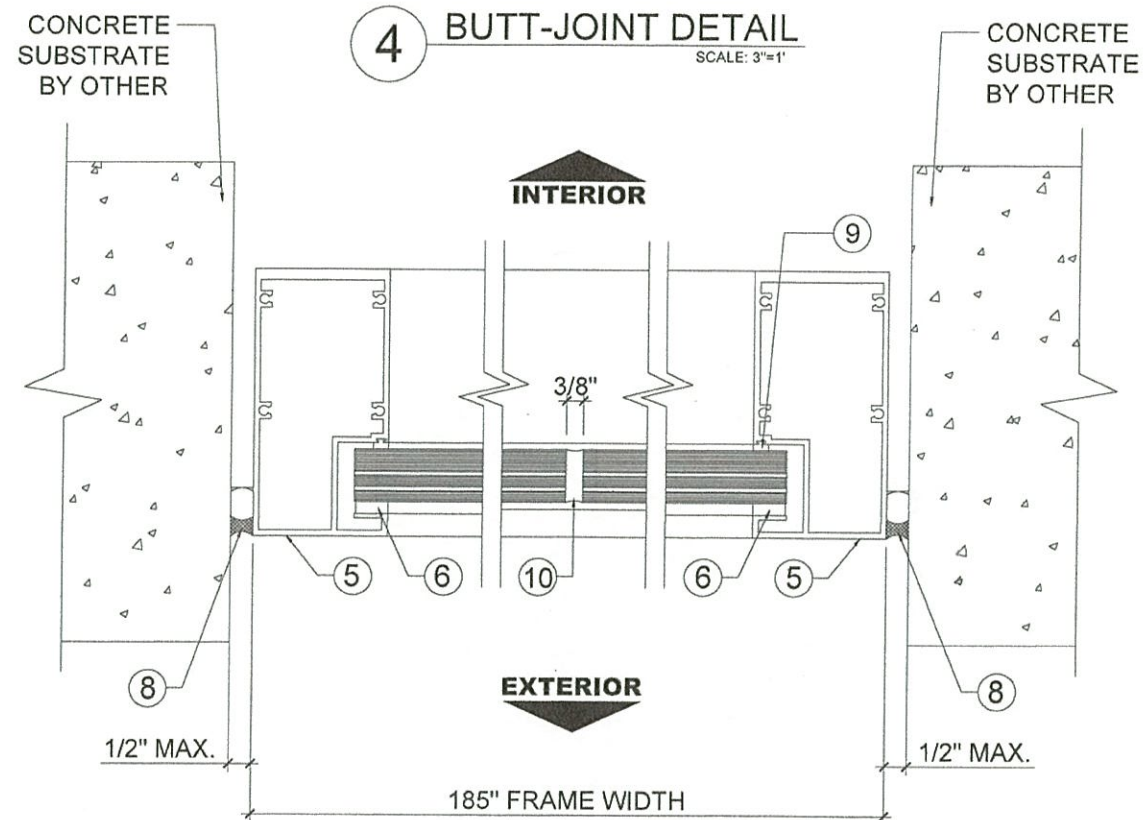


No.	Revision	Date

SHOP DRAWING FOR TESTING
SERIES 3900 BUTT GLAZED
CONTINENTAL GLASS SYSTEMS, LLC.
325 WEST 74 PLACE
HIALEAH, FLORIDA 33014.

DETAIL 2

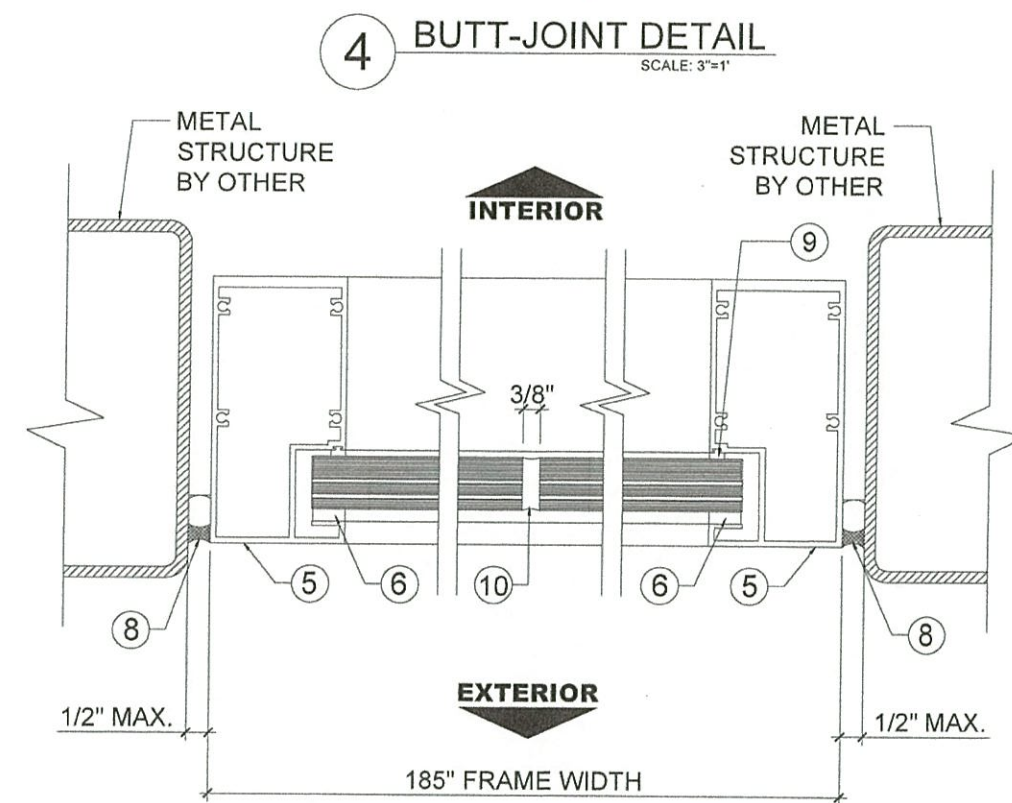
Project No.	02
Drawn	M.M
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Issue Date	02-19-2016
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3 JAMB DETAIL
SCALE: 3"=1'

MASONRY
JAMB

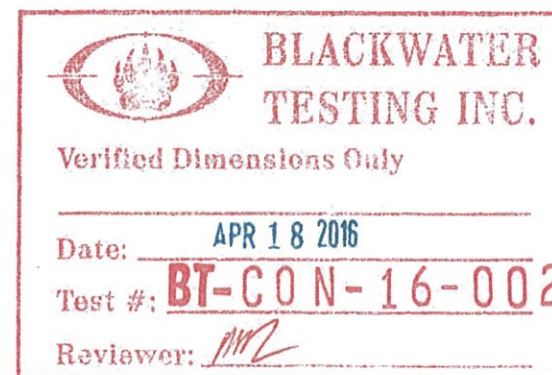
5 JAMB DETAIL
SCALE: 3"=1'



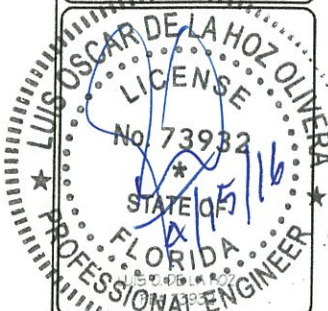
3 JAMB DETAIL
SCALE: 3"=1'

STEEL TUBE
JAMB

5 JAMB DETAIL
SCALE: 3"=1'



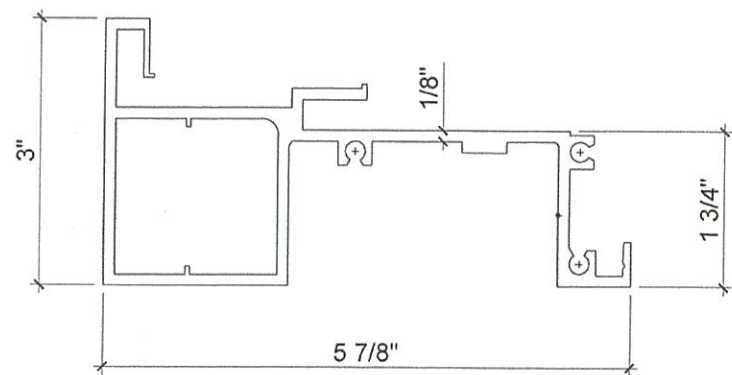
TADEOS ENGINEERING LLC.
CA# 31229
14750 NW 77th Ct, Suite 306
Miami Lakes, FL 33016
Phone: (305) 903-8816
tadeos@tadeos.com



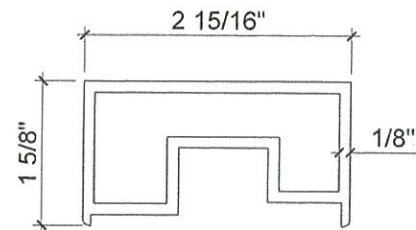
No.	Revision	Date

SHOP DRAWING FOR TESTING
SERIES 3900 BUTT GLAZED
CONTINENTAL GLASS SYSTEMS, LLC.
325 WEST 74 PLACE
HIALEAH, FLORIDA 33014.

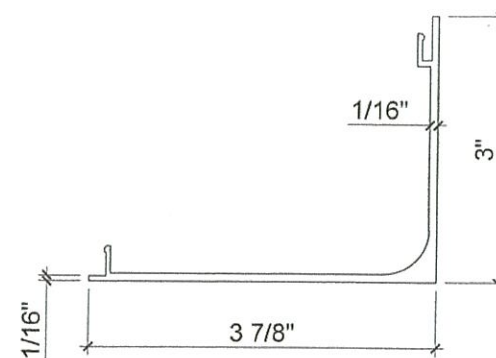
DETAIL 3
02
M.M.
L.O.H.
02-19-2016
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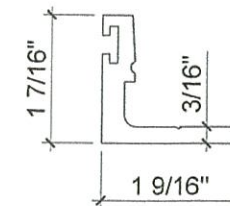
1 HEAD & SILL
3900-01 SCALE: 6"=1'



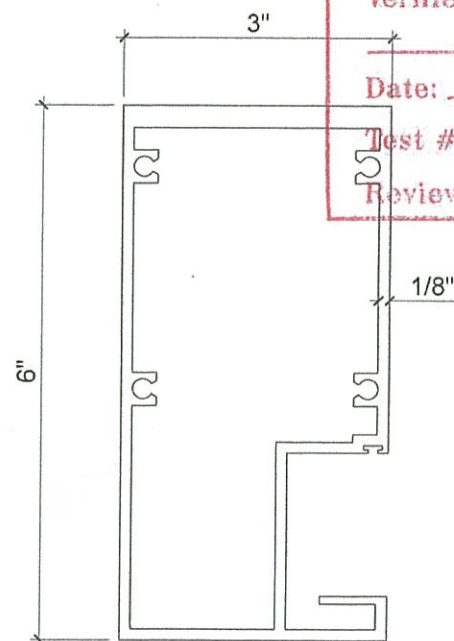
2 ADJUSTER
3900-08 SCALE: 6"=1'



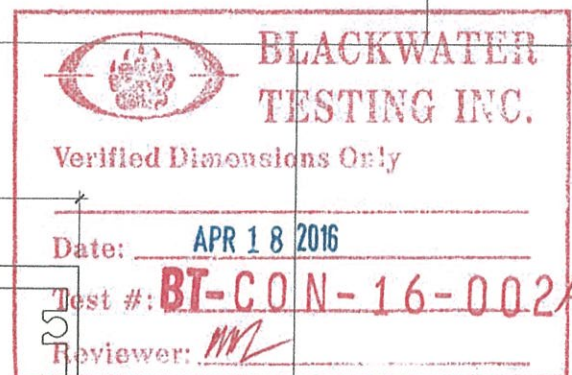
3 COVER
3900-07 SCALE: 6"=1'



4 GLAZING BEAD
3900-03 SCALE: 6"=1'

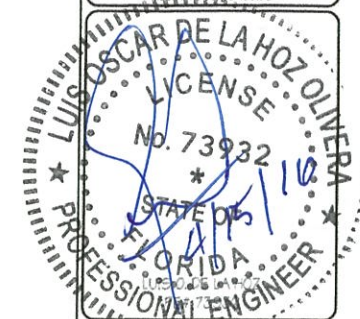


5 JAMB
3900-04 SCALE: 6"=1'



BILL OF MATERIALS				
ITEM#	PROFILE	DESCRIPTION	MATERIAL	MANUFACTURER
1	3900-01	HEAD/SILL	ALUM. 6005-T5	-
2	3900-08	ADJUSTER	ALUM. 6005-T5	-
3	3900-07	COVER	ALUM. 6063-T6	-
4	3900-03	GLAZING BEAD	ALUM. 6005-T5	-
5	3900-04	JAMB	ALUM. 6005-T5	-
6	-	DOW CORNING DC795 STRUCTURAL SEALANT	SILICONE	DOW CORNING
7	-	1/4" X 3/4" X 4" SETTING BLOCK	SILICONE	-
8	-	DOW CORNING CONT. PERIMETER SEALANT AND BRACKER ROD DC790 OR DC795	SILICONE	DOW CORNING
9	-	GASKET	POLYPROPYLENE/ SANTOPRENE	ULTRA FAB
10	-	DOW CORNING DC795 SILICONE BUILDING SEALANT- BLACK	SILICONE	DOW CORNING

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tadeos@yahoo.com



No.	Revision	Date

SHOP DRAWING FOR TESTING
SERIES 3900 BUTT GLAZED

CONTINENTAL GLASS SYSTEMS, LLC.
325 WEST 74 PLACE
HIALEAH, FLORIDA 33014.

EXTRUSIONS

02
MM
L.O.H
02-19-2016
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