0.12	Examination A. Verify substrate and surface conditions are in accordance with weather harrier manufacturer recommended	Sec	tion	079	00 – JOINT S	EALERS
	tolerances prior to installation of weather barrier and accessories.	1.1	Ge	ene	al: Provide j	oint sealers as shown and specified.
.2	Installation - Weather Barrier		A.		Standards:	Comply with ASTM C 920 requirement
	 A. Install weather barrier per regional requirements in accordance with manufacturer recommendations. B Install weather barrier prior to installation of windows and doors. 		B.		Application	Performed by skilled, experienced join
	C. Start weather barrier installation at a building corner, leaving 6-12 inches of weather barrier extended beyond corner to overlap.	2.1	М	ate	ials:	
	D. Install weather barrier in a horizontal manner starting at the lower portion of the wall surface with subsequent layers installed in a shingling manner to overlap lower layers. Maintain weather barrier plumb and level.		A.		Polv uretha	ne sealants: Tremco Commercial Sealants (8
	E. Sill Plate Interface: Extend lower edge of weather barrier over sill plate interface 3-6 inches. Secure to foundation with elastomeric sealant as recommended by weather barrier manufacturer.				1. "Dym 2 "Dym	onic FC" One component, fast skinning, Low I
	F. Window and Door Openings: Extend weather barrier completely over openings.				Ciliarea Car	
	Overlap weather barner 1.1. Exterior corners: minimum 12 inches.		В.		1. "SCS1	700 Sanitary – Mold/Mildew Resistant Silicol
	1.2. Seams: minimum 6 inches. H. Weather barrier Attachment:				2. "SCS2 3. "Silg	aze II SCS2800- Glazing Sealant" one compor
	1.1. For steel or wood frame construction - Attach weather barrier to studs through exterior sheathing. Secure using weather barrier manufacturer recommended fasteners, space 12-18 inches vertically on center along stud line, and				4. "GE P 5. "Dow	aintable Silicone" one component paintable s 795" – one component, medium modulus, n
	24 inch on center, maximum horizontally.1.2. For masonry construction - Attach weather barrier to masonry. Secure using weather barrier manufacturer		C.		Firestoppin	g Sealants: 3M Fire Protection Products, (800
	recommended fasteners, spaced 12-18 inches vertically on center and 24 inches maximum horizontally. Weather barrier may be temporarily attached to masonry using recommended adhesive, placed in vertical strips spaced				1. "3M I	ire Barrier CP 25WB+ Caulk" or approved equ
	24 inches on center, when coordinated on the project site. I. Apply 4 inch by 7 inch piece of DuPont StraightFlash to weather barrier membrane prior to the installation cladding		D.		Joint backin	g: Non-absorptive, non-staining compressible
	anchors.	3.1	In	stal	ation:	
.3	Seaming		A.		Preparation	: Clean and prepare joints prior to installing s
	A. Seal seams of weather barrier with seam tape at all vertical and horizontal overlapping seams.				1. Wipe in wic	shipping oils from surfaces to be sealed. Ren lth.
	B. Seal any tears or cuts as recommended by weather barrier manufacturer.		B.		Installation	Install joint sealant materials in strict accord
.4	Opening Preparation (for use with non-flanged windows - all cladding types)				1. Apply free u	sealants in a uniform, continuous bead with niform line is created along the substrate bei
	 Flush cut weather barrier at edge of sheathing around full perimeter of opening. Cut a head flap at 45-degree angle in the weather barrier at window head to expose 8 inches of sheathing. 				2. Instal 3. Instal	I joint sealants to a depth no more than ½ the
	Temporarily secure weather barrier flap away from sheathing with tape.				comp	letely filling recesses provided for each joint
.5	Flashing (for use with non-flanged windows - all cladding types)				4. Imme	diately, after sealant application, and prior t
	A. Cut 9-inch wide DuPont FlexWrap a minimum of 12 inches longer than width of sill rough opening. Apply primer as				with :	sides of joint. Remove excess sealants from s
	required by manufacturer. B. Cover horizontal sill by aligning DuPont FlexWrap edge within side edge of sill. Adhere to rough opening across sill and up				disco 5. Clean	or sealants or adjacent surfaces or are not a off excess sealants or sealant smears adjace
	jambs a minimum of 6 inches. Secure flashing tightly into corners by working in along the sill before a adhering up the jambs.				mate	rials approved by manufacturers of joint seal
	 Fan DuPont FlexWrap at bottom corners onto face of wall. Firmly press into place. Mechanically fasten fanned edges. Apply 9-inch wide strips of DuPont StraightFlash at jambs. Align flashing with interior edge of jamb framing. Start DuPont 	4.1	Se	alaı	nt Schedule:	
	StraightFlash at head of opening and lap sill flashing down to the sill.Spray-apply primer to top 6 inches of jambs and exposed sheathing.		A.		Kitchen Are	a: de a continuous bead of white GE SCS1700 si
	 E. Install DuPont FlexWrap at opening head using same installation procedures used at sill. Overlap jamb flashing a minimum of 2 inchos 				1.	Ceiling grid to FRP wall panels
	 F. Coordinate flashing with window installation. 				3.	Stainless hoods to FRP wall panels. Vertical a
	G. On exterior, install backer-rod in joint between window frame and flashed rough framing. Apply sealant at jambs and head. leaving sill unsealed. Apply sealants in accordance with sealant manufacturer's instructions and ASTM C 1193.				4. 5.	Walk in cooler walls to FRP wall panels. Stainless closure pieces at cooler walls to FR
	 Position weather barrier head flap across head flashing. Adhere using 4-inch wide DUPont StraightFlash over the 45-degree seams. 				6. 7.	FRP/stainless corner guards to FRP wall pane All sinks (multi-compartment, hand, mop and
	 Tape top of window in accordance with manufacturer recommendations. On interior, install backer rod in joint between frame of window and flashed rough framing. Apply sealant around entire 				8. 9.	Paper towel dispensers & soap dispensers to Ceiling tile pipe penetrations.
	window to create air seal. Apply sealant in accordance with sealant manufacturer's instructions and ASTM C 1193.				10. 11.	Wall pipe penetrations and/or escutcheons Mon sink stainless surround perimeter to wa
.6	Protection A Protect installed weather barrier from damage				12.	FRP closure panel, at top of cooler, to cooler
	A. Protect installed weather barrier norm damage.				13.	Coke line bundle to PVC cap.
					15.	FRP to aluminum plate at walk thru.
					- Provi 1.	de a continuous bead of aluminum GE SCS28 Stainless closer pieces, at ends of cooler wal
					2. 3.	Diamond plate perimeter to cooler walls. Base of diamond plate to polycrete schlutter
					4. 5.	Stainless closure panel, at top of cooler walls Stainless outside corners to cooler walls.
SECTI	DN 07512 - ROOFING SYSTEM REPAIR				6. 7	Top of polycrete schlutter strip to cooler wall
1.1	General: When penetration of the existing roofing system is required to accommodate new construction,				8.	Stainless wrap at hollow metal door frame.
	perform necessary roofing system repair.		B.		Managers C	ffice:
	A. Coordination: Before starting work, verify with the Tenant's Construction Manager and the Owner the following:				- Provi 1.	de a continuous bead of white GE SCS1700 si Ceiling grid to FRP wall panels.
	 Existing roof system materials and installation methods. Benair work responsibilities and warranty requirements. To maintain original warranty, where provided 				2. 3.	Perimeter of manager's desk to FRP wall pan Hollow metal door frame to FRP wall panels.
	use original roof contractor.				4. 5.	Top and ends of coat hanger bracket to FRP Base of FRP wall panels to polycrete schlutte
	B. Qualifications: Repair work shall be performed only by an experienced roofing installer approved or licensed				6.	Ceiling tile wire/pipe penetrations.
	installing and repairing roofing systems similar to this projects existing roofing system.				- Provi	de a continuous bead of black GE Silpruf 270 Base of safe to floor
.1	Materials:		c		Cooking Are	
	A. Provide and install only materials approved and recommended by the roofing manufacturer for repairing the		C.		- Provi	de a continuous bead of white GE SCS1700 si
	existing roofing system.				1. 2.	Hood to tile walls & sheetrock ceiling.
.1	Installation:				3. 4.	Hood gusset to wall tile on both sides. Ceiling diffusers perimeters to sheetrock ceil
	A. Preparation: Inspect roof surface conditions with roof manufacturer's representative to verify extent and location of any other repairs required to ensure a watertight roofing system upon completion of the repair				5. 6.	Sink to wall tile. Paper towel dispenser/soap dispenser to tile
	work.				7. 8.	Carving table to wall tile. Fax line counter to walls.
	B. Make necessary repairs. Match existing roof slope, insulation materials and roofing membrane materials,				9. 10	Stainless shelf behind grill to wall tile. Tile wall penetrations/escutcheons perimete
	where an approximate proton of the overlag rooting system manufacturer to accommodate new construction				10.	Base of serving line knee wall ERP to polycre
	and repair work.					base of serving line knee wan har to polyere
	and repair work.C. Install curb flashing furnished by mechanical and electrical trades for new roof top equipment.				- Provi	de a continuous bead of aluminum GE Silglaz

STOP 0 720 - 1 Ster DTLE & LADDER SAFETY POST

D. Bathrooms: 1.1 General: Provide roof scuttle and safety post as shown & specified. Top of wall tile to sheetrock ceiling. Perimeter of toilets/urinals to floor or wall tile. A. Coordination: Before starting work, verify with the Tenant's Construction Manager and the Owner the Perimeter of mirror to wall tile. following: 4. Sink to wall. 1. Verify that other trades with related work are complete before installing roof scuttle(s). Perimeter of hand dryer to wall. 2. Mounting surfaces shall be straight and secure; substrates shall be of proper width. 3. Refer to the construction documents, shop drawings, and manufacturer's installation instructions. Stainless shelf to wall tile. 4. Coordinate installation with roof membrane and roof insulation manufacturer's instructions before starting. 2.1 Materials: 1. Interior corner joints at wall tile Wall tile to hollow metal frames. A. Manufacturer: The Bilco Company, (203) 934-6363, internet www.bilco.com or approved equal. 3. Base of wall tile to polycrete schluter strip. 1. Roof Scuttle: Type S-50 metal roof scuttle, size 3'-0" width x 2'-6" length (length denotes hinge side). The roof scuttle shall be single leaf and come pre-assembled from the manufacturer. Factory finish shall be mill finish aluminum. 1. Base of hollow metal door frames to floor. 2. Safety Post: Model 4 ladder safety post. The ladder safety post shall come pre-assembled from the manufacturer. Factory finish shall be mill finish aluminum. E. Dining area: 3.1 Installation Wall tile to sheetrock walls A. Verify that roof scuttle & ladder safety post installation will not disrupt other trades. Verify that the substrate 3. Wall tile at serving line wall to POS counter. is dry, clean, and free of foreign matter. Report and correct defects prior to any installation.

med by skilled, experienced joint sealer applicators.

Tremco Commercial Sealants (800) 321-7906, internet www.tremcosealants.com, component, fast skinning, Low Modulus Polyurethane. Multi Component, gun grade, chemically curing, tintable fast setting polyurethane sealant.

al Electric Silicones, (800) 295-2392, internet www.gesilicones.com Mold/Mildew Resistant Silicone", one component 100% silicone, fungicidal based sealant. ilicone" one component medium modulus, natural cure silicone all purpose sealant.

- Glazing Sealant" one component, 100% silicone based sealer. cone" one component paintable silicone. omponent, medium modulus, natural cure silicone.

A Fire Protection Products, (800) 328-1687, internet www.3M.com/firstop P 25WB+ Caulk" or approved equal

ptive, non-staining compressible, non-gassing, polyethylene foam backer rod compatible with joint sealants.

prepare joints prior to installing sealers: from surfaces to be sealed. Remove protective films and/or install joint backer rod if joint is larger than 1/4"

ealant materials in strict accordance with manufacture's installation instructions. uniform, continuous bead without gaps or air pockets. Hand tool and finish all joints so that a smooth, lip created along the substrate being shot. Remove any excess materials from tooled edges and ends of joint. s to a depth no more than 1/2 the width of the joint.

proven techniques that result in sealants directly contacting and fully wetting joint substrates,

ecesses provided for each joint configuration, and providing uniform, cross-sectional shapes e to joint widths which allow optimum sealant movement capability.

sealant application, and prior to time skinning or curing begins, tool sealants to form smooth, configuration indicated to eliminate air pockets, and to ensure contact and adhesion of sealant

Remove excess sealants from surfaces adjacent to joint. Do not use tooling agents which r adjacent surfaces or are not approved by sealant manufacturer.

alants or sealant smears adjacent to joints as work progresses by methods and with cleaning d by manufacturers of joint sealers and of products in which joints occur.

us bead of white GE SCS1700 silicone at the following locations:

wall panels to polycrete schlutter strip. (If quarry tile is used, shoot joint with clear SCS1700). ods to FRP wall panels. Vertical and horizontal joints. er walls to FRP wall panels.

sure pieces at cooler walls to FRP wall panels. s corner guards to FRP wall panels.

lti-compartment, hand, mop and prep) to FRP/tile walls. dispensers & soap dispensers to FRP/tile walls.

netrations and/or escutcheons perimeters. (water & gas lines).

inless surround perimeter to walls. panel, at top of cooler, to cooler walls.

ous bead of aluminum GE SCS2800 silicone at the following locations: oser pieces, at ends of cooler walls, to cooler walls.

te perimeter to cooler walls. nond plate to polycrete schlutter strip.

osure panel, at top of cooler walls, to cooler walls. tside corners to cooler walls.

rete schlutter strip to cooler walls at inside of cooler. diamond plate penetrations.

ap at hollow metal door frame.

us bead of white GE SCS1700 silicone at the following locations:

manager's desk to FRP wall panels. al door frame to FRP wall panels. s of coat hanger bracket to FRP walls. wall panels to polycrete schlutter strip.

us bead of black GE Silpruf 2700 silicone at the following locations:

ous bead of white GE SCS1700 silicone at the following locations:

walls & sheetrock ceiling. t to wall tile on both sides. sers perimeters to sheetrock ceiling.

dispenser/soap dispenser to tile.

Inside tile corners.

1. Base of black rubber to floor.

netrations/escutcheons perimeters. ving line knee wall FRP to polycrete schlutter strip.

ous bead of aluminum GE Silglaze SCS2809 silicone at the following locations: en hood and closure skirt.

Provide a continuous bead of natural stone Dow 795 silicone at the following location: Wall tile to aluminum walk thru surround.

Provide a continuous bead of color #10 dark gray GE Silpruf SCS2700 at the following location: 1. Base of fax line table, beverage cooler counter and service line to concrete curb.

Provide a continuous bead of white GE SCS1700 silicone at the following locations:

Toilet paper/napkin disposals units to tile walls.

8. Tile wall penetrations under sink and or escutcheons to perimeters

Provide a continuous bead of Dow 795 Natural stone silicone at the following locations:

Provide a continuous bead of color #10 dark gray GE SCS 2700 silicone at the following locations:

Provide a continuous bead of white GE SCS1700 silicone at the following locations:

Perimeter of aluminum storefront/windows/entrances to sheetrock walls. 4. Richlite wall panels to wall tile (if connection joint is not even/clean).

Diffuser/louvers perimeters to sheetrock walls. Top of aluminum base to painted walls. 7. Perimeter of perforated wood panel ledgers.

Provide a continuous bead of black GE SCS2700 silicone at the following locations:

Richlite wall panels to sill of aluminum storefront/ windows. 3. Vertical joints of Richlite wall panels to frames/painted walls/tile (if joint is uneven or plywood is showing).

- Provide a continuous bead of aluminum GE SCS2800 silicone at the following locations: 1. Base of aluminum base to floor.
 - Vertical connection joints at aluminum base. Base of trash can surround to floor.

Provide a continuous bead of charcoal, anodized aluminum/window bronze* Dow 795 silicone at the following location: 1. Base of exterior storefronts to concrete floor.

*Color to be used will be determined by the color of the frames that are installed.

F. Utensil Counter:

Provide a continuous bead of aluminum GE SCS2800 silicone at the following locations:

1. Stainless backsplash to plywood walls. 2. Stainless countertop to backsplash. Horizontal & vertical joints.

3. Base of Coke machine to countertop – 3 sides.

4. Perimeter of tea drain tray to countertop.

Provide a continuous bead of white GE SCS1700 silicone at the following locations:

1. Coke line bundle to PVC cap.

G. Fire Rated Walls: Provide a continuous bead of 3M 25WB+ at wall/ceiling penetrations in rated walls.

H. Exterior Joints:

Provide a continuous bead or urethane sealant and backer rod at the following locations:*

1. Hollow metal door frame perimeter. 2. EIFS joints to abutting services.

- 3. Brick/stone control joints. Sidewalk/concrete expansion joints
- 5. Aluminum frame perimeters.

*Colors to be matched to adjacent surfaces

I. Weather Barrier Sealants: Provide sealants that comply with ASTM C920, elastomeric polymer sealant to maintain watertight conditions.

Products: a. Tremco 830

> b. Tremco Butyl c. Sealants recommended by the weather barrier manufacturer.

be less than: a. Glass to Exterior - 38 (STC) and 31 (OITC) 1.5 Submittals: **DIVISION 8 - DOORS AND WINDOWS** A. Product Data: Include construction details, material descriptions, dimensions of individual components and SECTION 08110 - STEEL DOORS AND FRAMES profiles, hardware, finishes, and installation instructions for each type of aluminum frame storefront system and storefront entrance doors indicated. 1.1 General: Tenant to provide steel doors and frames as shown and specified. B. Shop Drawings: Include plans, elevations, sections, details, hardware, and attachments to work, operational A. Standards: Materials and construction shall conform to the following: clearances and installation details. ANSI A250.8-2009 "Specifications for Standard Steel Doors and Frames." ANSI A250.11-01 "Erection Instructions for Steel Frames." C. Samples for Initial Selection: For units with factory-applied color finishes including samples of hardware and 3. SDI 122-99 " Installation for Standard Steel doors and Frames. accessories involving color section. B. Manufacturer: A member of the Steel Door Institute (SDI). 1.6 Quality Assurance 2.1 Materials: A. Installer Qualifications: An installer which has had successful experience with installation of the same or similar units required for the project and other projects of similar size and scope A. Steel Doors: 1. Interior: Heavy-duty Level 2, physical performance B, Model 2 seamless construction, ASTM A1008, 18 gage B. Manufacturer Qualifications: A manufacturer capable of providing aluminum framed storefront system that cold-rolled steel face sheets, manufacturer's standard core. meet or exceed performance requirements indicated and of documenting this performance by inclusion of rest reports, and calculations. Exterior: Extra heavy-duty Level 3, physical performance A, Model 2 seamless construction, ASTM A1008, 16 gage cold-rolled steel face sheets; tops and bottoms closed with flush galvanized steel caps, manufacturer's standard plastic foam insulating core. C. Source Limitations: Obtain aluminum framed storefront system and storefront entrance doors through one source from a single manufacturer. B. Steel Frames: ASTM A1008, 16 gage cold-rolled steel. Provide combination buck, jamb and trim type frames for 1-3/4" thick doors, unless otherwise indicated. D. Product Options: Drawings indicate size, profiles, and dimensional requirements of aluminum framed 2. Interior and exterior frames: Set-up welded type with mitered corners, reinforced, fully seam welded with exposed storefront system and are based on the specific system indicated. Do not modify size and dimensional welds ground smooth. requirements 1. Do not modify intended aesthetic effects, as judged solely by Architect, except with Architect's approval. C. Door and frame fabrication: If modifications are proposed, submit comprehensive explanatory data to Architect for review. Provide cutouts for mortised hardware, accurately located and made to fit hardware. Provide closer reinforcement for all doors with surface mounted door closers. 1.7 Project Conditions: 2. Punch frames and factory install rubber door silencers. 3. Provide minimum three anchors of suitable design for each jamb. A. Field Measurements: Verify actual dimensions of a aluminum framed storefront openings by field 4. Provide floor clip on bottom of each jamb. Provide angle spreaders at bottom of each set-up frame. measurements before fabrication and indicate field measurements on Shop Drawings. D. Shop painting: Clean and paint exposed surfaces of steel door and frame units. Apply one baked-on shop coat of 1.8 Warranty rust-inhibitive prime paint in accordance with ANSI A250.10, unless doors and frames are used at the restrooms or as indicated on door hardware and finish schedule. Provide a uniformly finished surface ready to receive finish paint. A. Manufactures Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty. 1. Warranty Period: Two (2) years from Date of Substantial Completion of the project provided however that the Limited Warranty shall begin in no event later than six months from date of shipment by manufacturer. A. Install frames plumb, level, rigid, and in true alignment as recommended in ANSI A250.11. 2.1 Manufacturers: B. Install doors plumb and in true alignment and fastened to achieve the maximum operational effectiveness and appearance as recommended in SDI 122. A. Manufacturer: Kawneer Company Inc., Contact: Cheryl Wilkerson, Phone: 317-771-9263; email:cheryl.wilkerson@alcoa.com SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS B. Basis-of-Design Product Storefront Framing: 1. Trifab 451T (thermal) Storefront System 1.1 General: Provide aluminum entrances and storefronts as shown and specified. 2. 2" x 4-1/2" System Dimensions 3. Glass: Exterior (Front-Set) 1.2 Related Documents: B. Basis-of-Design Product Storefront Entrances: A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 1. The door stile and rail face dimensions of the 500-Wide Stile entrance door will be as follows or as Specification Sections, apply to this section. indicated on Drawings: Door: 500; Vertical Stile: 5"; Top Rail: 5"; Bottom Rail: 10" 2. Major portions of the door members to be 0.125" nominal in thickness and glazing molding to be 0.05" B. Standards: Materials and construction shall conform to the following: AAMA SFM-1-87 "Aluminum Storefront and Entrance Manual." 3. Glazing gaskets shall be either EPDM elastometric extrusions or a thermoplastic elastomer. 4. Provide adjustable glass jacks to help center the glass in the door opening. 1.3 Summary: 2.2 Materials: A. Section Includes: 1. Kawneer Architectural Aluminum Storefront Systems, including perimeter trims, stools, accessories, shims and A. Provide aluminum entrances and storefront matching the existing building aluminum entrances and anchors, and perimeter sealing of storefront units. storefronts, unless otherwise indicated. a. Types of Kawneer Aluminum Storefront include: (1.) Trifab VG 451T Storefront System - 2" x 4-1/2" nominal dimension; Thermal; Front-Set B. Aluminum Frame Extrusions: Alloy and temper recommended by aluminum storefront manufacturer for

2. Kawneer Aluminum Entrances, glass and glazing, and components a. Types of Kawneer Aluminum Entrances include: (1.) 500 Swing Door; Wide stile, 5" vertical face dimension, 1-3/4" depth, high traffic applications or as indicated on Drawings.

3.1 Installation:

A. General Performance: Aluminum-framed storefront system shall withstand the effects of the following performance requirements without exceeding performance criteria or failure due to defective manufacture,

- fabrication. installation. or other defects in construction: 1. Design Wind Loads: Determine design wind loads applicable to the Project from basic wind speed indicated
- in miles per hour, according to ASCE 7, Section 6.5, "Method 2-Analytical Procedure," based on mean roof heights above grade indicated on Drawings.
- a. Basic Wind Speed (MPH): Determine to meet local codes listed on A000
- b. Importance Factor: (1.00) c. Exposure Category (A, B, C, D): Determine to meet local codes listed on A000
- B. Storefront System Performance Requirements: 1. Wind loads: Provide storefront system; include anchorage, capable of withstanding inward and outward wind load design pressures meeting local codes listed on sheet A000.

2. Air Infiltration:

- a. Air Infiltration for storefront frame system: The test specimen shall be tested in accordance with ASTM E 283. Air infiltration rate shall not exceed 0.06 cfm/ft. sq. at a static air pressure differential of 6.24 psf.
- b. Air Infiltration for storefront entrances: For single acting offset pivot or butt hung entrances in the closed and locked position, the test specimen shall be tested in accordance with ASTM E 283 at a pressure differential of 6.24 psf (300 Pa) for single doors and 1.567 psf (75 PA) for pairs of doors. A single 3'0" x 7'0" entrance door and frame shall not exceed 0.50 cfm per square foot. A pair of 6'0" x 7'0" entrance doors and frame shall not exceed 1.0 cfm per square foot.
- 3. Water Resistance: The test specimen shall be tested in accordance with ASTM E 331. There shall be no leakage at a minimum static air pressure differential of 8 psf as defined in AAMA 501.
- 4. Uniform Load: A static air design load of 20 psf shall be applied in the positive and negative direction in accordance with ASTM E 330. There shall be no defection in excess of L/175 of the span of any framing member. At a structural test load equal to 1.5 times the specified design load, no glass breakage or permanent set in the framing members in excess of 0.2% of their clear spans shall occur. 5. Thermal Transmittance (U-factor): When tested to AAMA Specification 1503, the thermal transmittance
- (U-factor) shall be not more than: a. Glass to Exterior - 0.47 (low-e)
- 6. Condensation Resistance (CRF): When tested to AAMA Specification 1503, the condensation resistance factor shall not be less than:
- a. Glass to Exterior 70 frame and 69 glass (low-e) 7. Sound Transmission Class (STC) and Outdoor-Indoor Transmission Class (OITC): When tested to AAMA Specification 1801 and in accordance with ASTM E1425 and ASTM E90, the STC and OITC Rating shall not

strength, corrosion resistance, and application of required finish and not less than 0.070" wall thickness at any location for the main frame and complying with ASTM B 221: 6063-T6 alloy and temper.

C. Aluminum Storefront Entrance Extrusions:Alloy and temper recommended by aluminum-framed glass door manufacturer for strength, corrosion resistance, and application of required finish and not less than 0.090" wall thickness at any location for the main frame and sash members.

D. Fasteners: Aluminum, nonmagnetic stainless steel or other materials to be non-corrosive and compatible with aluminum window and door members, trim hardware, anchors, and other components.

E. Anchors, Clips, and Accessories: Aluminum, nonmagnetic stainless steel, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 severe service conditions, or other suitable zinc coating; provide sufficient strength to withstand design pressure indicated.

F. Reinforcing Members: Aluminum, nonmagnetic stainless steel, or nickel/chrome-plated steel complying with ASTM B 456 fro Type SC 3 severe service conditions, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 severe service conditions or other suitable zinc coating; provide sufficient strength to withstand design pressure indicated.

Consultant

architecture + planning

855 GRANDVIEW AVENUE SUITE 295 COLUMBUS, OHIO 43215

PHONE: FAX:

614.487.8770 614.487.8777







DENVER, COLORADO 80202 TELEPHONE: (303) 595-4000 FAX: (303) 595-4014 INTERNET: WWW.CHIPOTLE.COM

5 2603 INAL 04 ш MAR 9 Z Ň, STORE RTLAND 195 KE PORTLAN

Issue Record:	
09/15/15	PERMIT/LANDLORD REVIEW
Revisions:	
Drawn:	Checked:
TC, BP, DP	КН,ТС
Project No.	

CMG507

Contents

Date of Last Print:

Architectural Specifications

A013

09/15/15