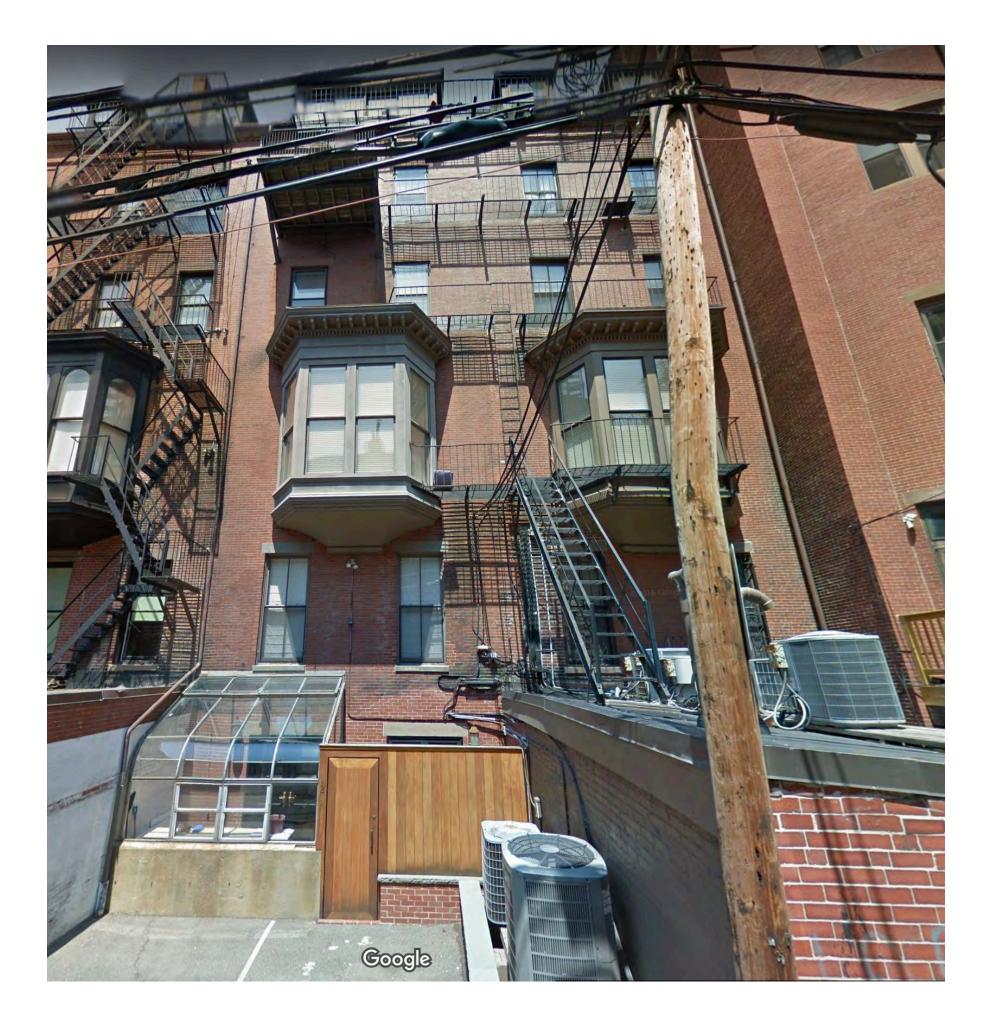
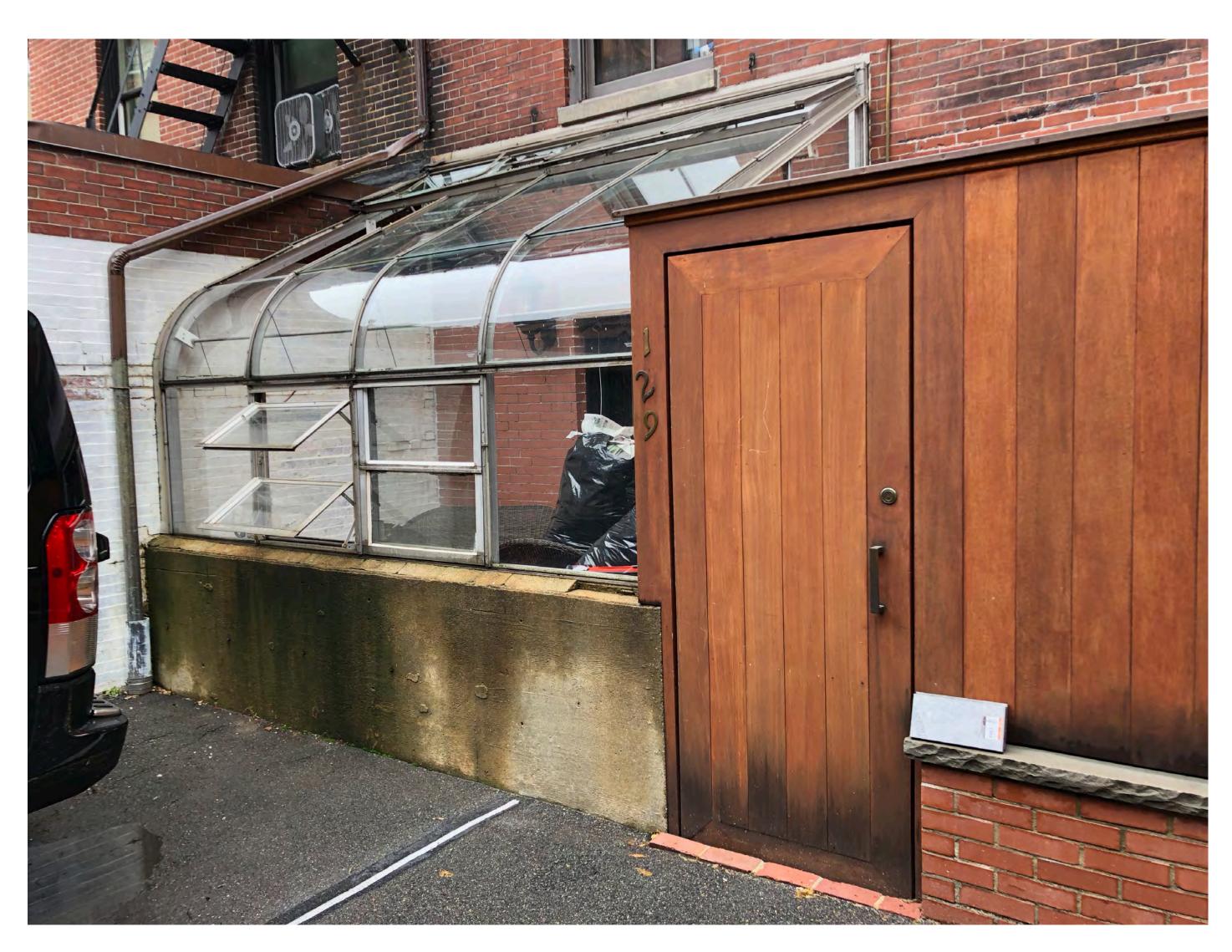


EXISTING CONDITIONS

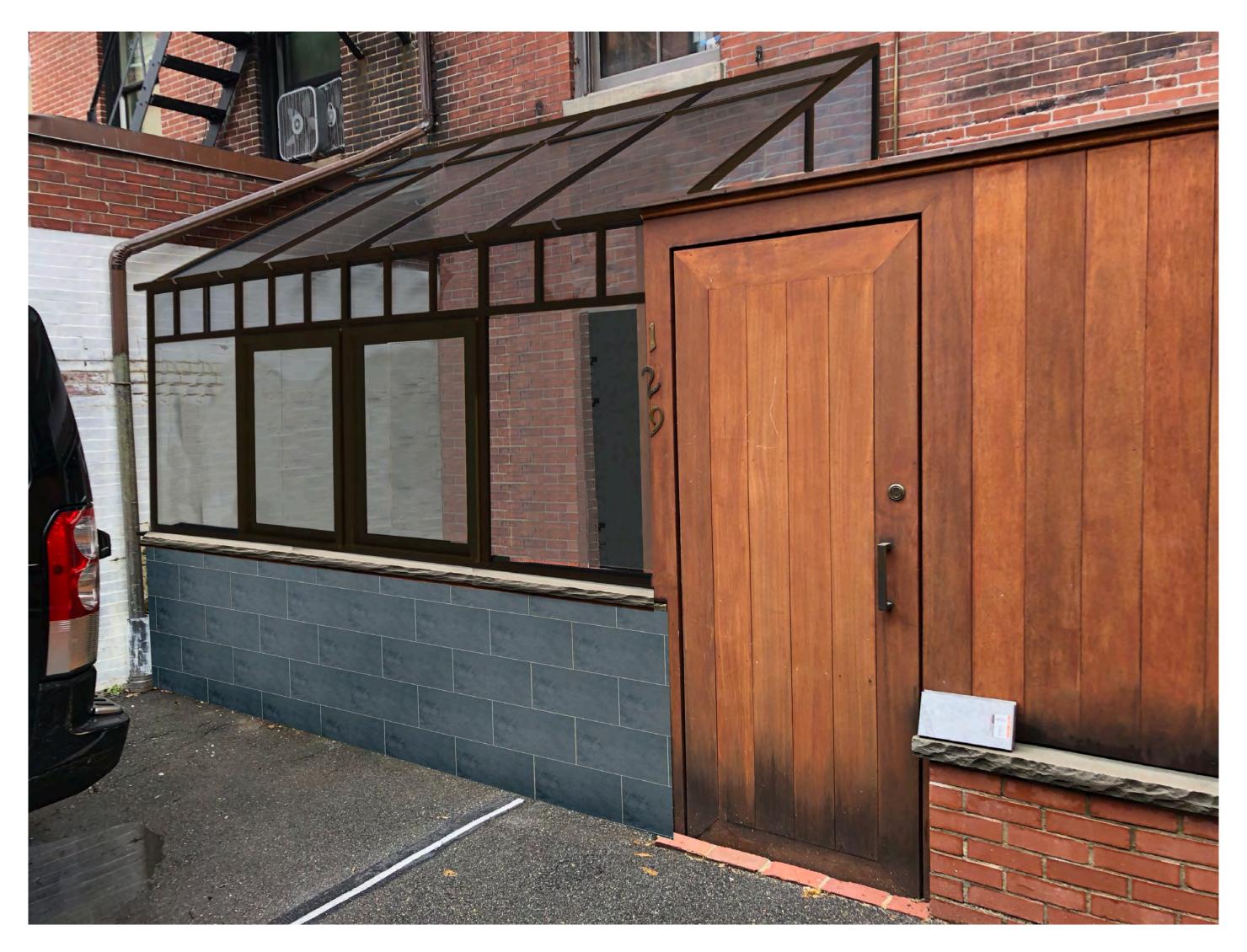
The Stone Residence







EXISTING GREENHOUSE

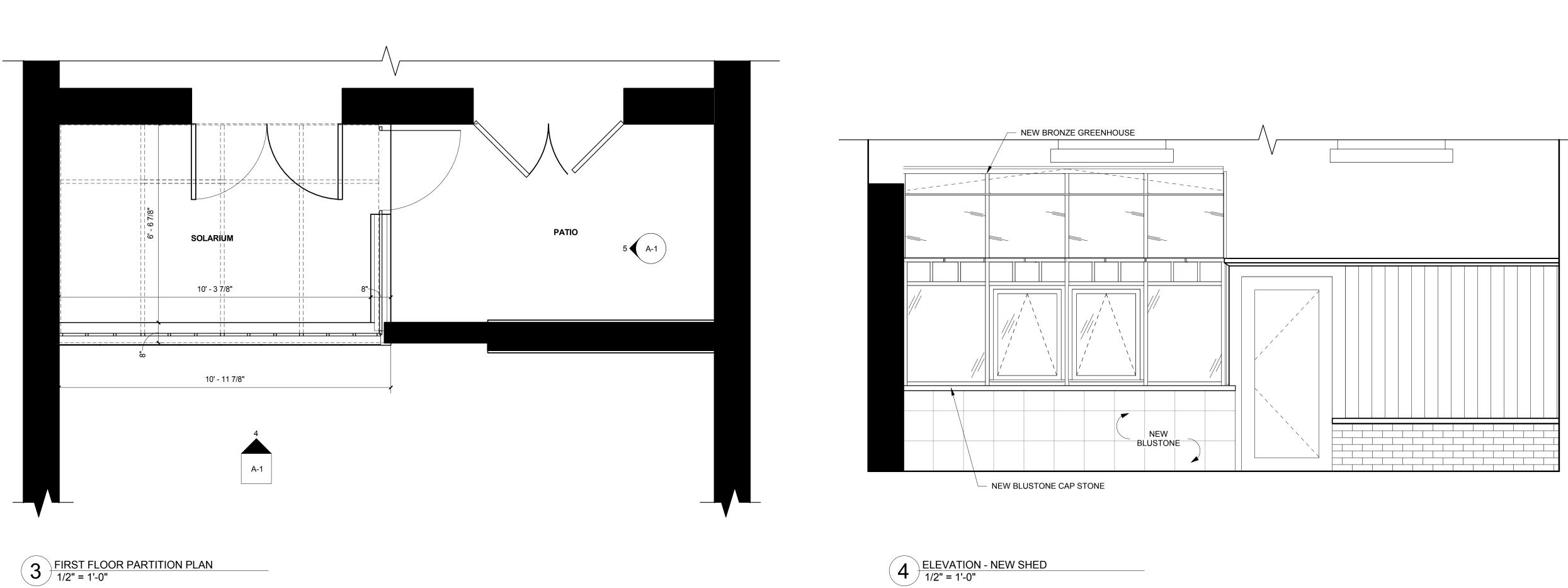


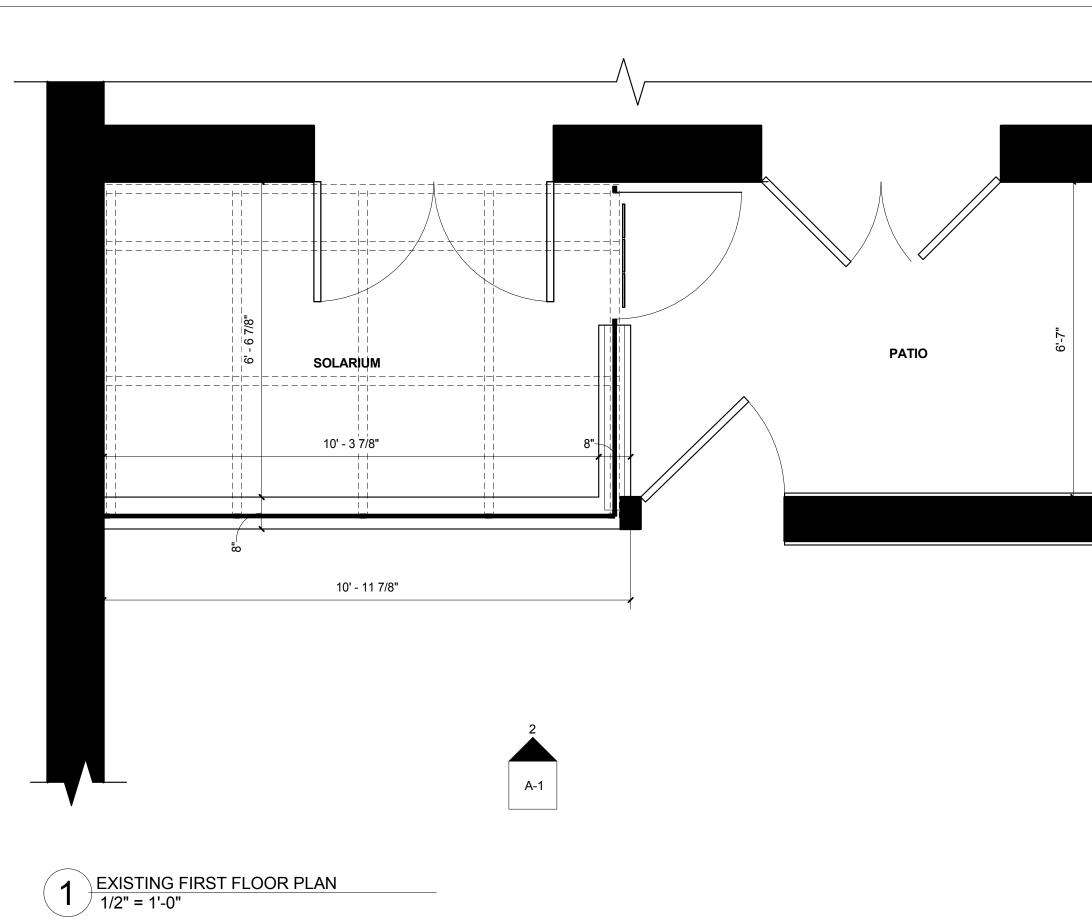
PROPOSED GREENHOUSE

EXISTING AND PROPOSED COMPARISON

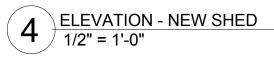


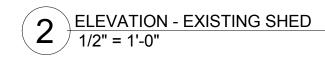
STONE RESIDENCE

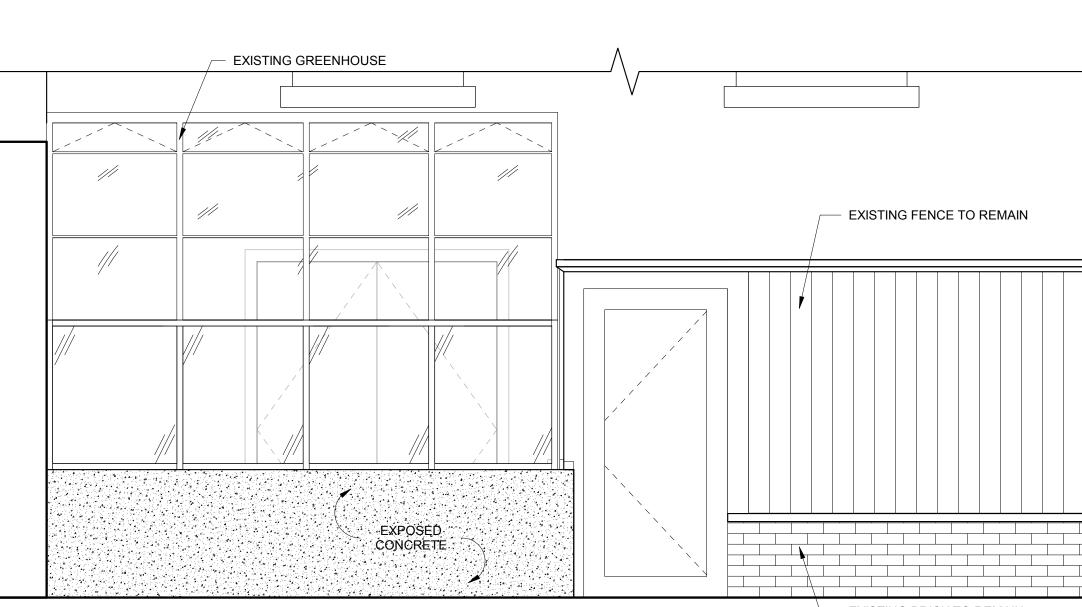




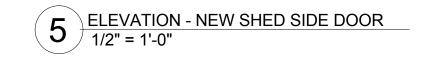
129 BEACON ST

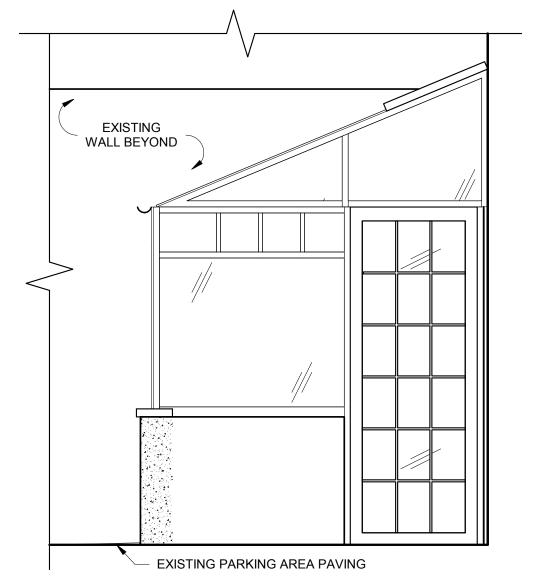












EXISTING BRICK TO REMAIN

STONE 129 BEACON MA				UNIT TYPE / FRAMING SYSTEM			ACCESSORY SCHEDULE (OUTSOURCE)	
I STONE 129	BEAUDN		0NE (1) SI	I 5204 ALUMINUM STRAIGHT-EAVE LEAN-TO WITH ONE (1) GABLE END	TYPE	DESCRIPTION	
ACCOUNT NAME & CONTACT INFORMATION	SHIPPING ADDRESS	JOB SITE ADDRESS		TO BE: 2" X 2.83 ALUMINUM SYSTEM	.,	(UA-A)	ONE (1) WATER RESISTANT LINEAR ACTUATOR MOTORS (ARM CUT DOWN to 4") FOR RIDGE VENTS LISTED BELOW (AC000659-00-00) MOTOR IS BLACK WITH SILVER ARM	
PETER AND BARBARA STONE	SHIP TO	JOB SITE		SET UP: 1" INSULATED GLAZING COLOR TO BE: <u>AAMA 2603 SI STANDARD BRONZE (UC</u>	:# 89166RS <u>)</u>	UA-B)	ONE (1) THERMOSTAT (AC000064-00-00) TO CONTROL RIDGE VENTS LISTED BELOW	
129 BEACON STREET BOSTON, MA 02116	129 BEACON STREET	129 BEACON STREET		D METAL SILICONE COLOR TO BE: BRONZE	ALL INTERIOR	UA-C)	TWO (2) SI9999 ALUMINUM ELBOW ASSEMBLIES FOR 21/2" ROUND DOWNSPOUT	
PHONE: (203) 453-5499 FAX: N/A	BOSTON, MA 02116	BOSTON, MA 02116) GLASS SILICONE COLOR TO BE: BLACK) GLASS SILICONE COLOR TO BE: BLACK	PERIMETER SILICONE BY OTHER	UA-D	SDL GRIDS BETWEEN SURFACES 2 & 3 OF VERTICAL BAYS,	
EMAIL: N/A CONTACT: PETER AND BARBARA STONE		IG METHOD: SOLAR TRANSPORT		ONE (1) GEN-2 OUT-SWING TERRACE DOOR, HINGED			IN CONJUNCTION WITH EXTERIOR GRIDS (<i>BLACK</i>) ACCESSORY SCHEDULE	
			4	WITH HOPPE "TORONTO" SWING DOOR LEV		TYPE	DESCRIPTION	
APPROVALS BY S.I. ACCOUNT REQUIRED DATE	TYPE	HEDULE (SLOPED) (QTY: 8) DESCRIPTION		GLAZING SET UP: 1" INSULATED GLAZING		(UA-A)	040" ALUMINUM INTERIOR SILL FLASHING (AAMA 2603 SI STANDARD BRONZE)	
DESIGN APPROVED BY: THE X DIMENSION & APPROVED BY: THE X DIMEN	$- 1" INSULATED GLAZING U \frac{3}{16}" LoE 272 (ON SURFAC$			STANDARD OUT-SWING SILL & FLASHING COLOR TO	BE: Class 1 Clear	UA-B)	SI9999 2½" HALF ROUND ALUMINUM ROLL FORMED GUTTER (AAMA 2603 SI STANDARD BRONZE)	
FRAME COLOR APPROVED BY BY SUBMITTALS	3%" STAINLESS STEEL AII 7/16" CLEAR ANNEALED L/	R SPACE (ARGON FILLED)		ANODIZED FINISH.		UA-C)	ONE (1) SI9999 2½" ROUND ALUMINUM DOWNSPOUTS (AAMA 2603 SI STANDARD BRONZE)	
GLAZING TYPE APPROVED BY IN OUDIVILLIALLY	WITH A .060" PV SILICONE SEAL			FRAMING COLOR TO BE: <u>AAMA 2603 SI STANDARD E</u> METAL TO METAL SILICONE COLOR TO BE: BRONZE	L	UA-D	TRADITIONAL GRIDS APPLIED ON SURFACES 1 & 4 OF VERTICAL BAYS (AAMA 2603 SI STANDARD BRONZE)	
REVIEW PRIOR TO APPROVING SHOP DRAWINGS	GLAZING SCH	EDULE (VERTICAL) (QTY: 11)		METAL TO GLASS SILICONE COLOR TO BE: BLACK		UA-E)	SI9999 DECORATIVE ALUMINUM OGEE ON INTERIOR FACE OF ALL RAFTERS	
IMPORTANT NOTES: IT IS PURCHASERS RESPONSIBILITY TO VERIFY ALL DESIGN ELEMENTS AND SYSTEM INTEGRATION TO SURROUNDING ADDITIONNE	TYPE	DESCRIPTION	(TD-A)	GLASS TO GLASS SILICONE COLOR TO BE: BLACK		(UA-F)	(<u>AAMA 2603 SI STANDARD BRONZE</u>) SI9999 DECORATIVE ALUMINUM FLUTED ON EXTERIOR FACE OF ALL RAFTERS	
ARCHITECTURE. ALL ELEVATIONS ARE VIEWED FROM THE OUTSIDE OF STRUCTURE LOOKING IN.	$\begin{pmatrix} 2 \\ 3 \\ 3 \\ 4 \\ 6 \\ 6 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$			HARDWARE INFORMATION (OUTSC	,		AROUND DOOR (<u>AAMA 2603 SI STANDARD BRONZE</u>) TWO (2) SI9999 PLINTHS AT CORNER OF DOOR FRAMING (LISTED BELOW)	
PLEASE VERIFY ALL INFORMATION BEFORE APPROVING DESIGN, INCLUDING ACCESSORY LOCATION, OPERATION & SWING (INCLUDING DOORS, WINDOWS, RIDGE VENTS, HEATERS, FANS, ETC.), OVERALL DESIGN & DIMENSIONS, FRAME COLOR,	5%" STAINLESS STEEL AI	R SPACE (ARGON FILLED)		ACTIVE HANDLE: HOPPE "TORONTO" (COASTAL) HAN ACTIVE LOCK: 3-POINT LOCK, DEADBOLT INT. & KEYI		UA-G	WITH ALUMINUM ROSETTES (AAMA 2603 SI STANDARD BRONZE)	
GLASS MAKE UP, SUBSTRATES, AND CONNECTION DETAILS. FINAL DRAWINGS MUST BE APPROVED WITHOUT MODIFICATION IN ORDER TO PROCEED TO FABRICATION. IN THE EVENT C	3/16" CLEAR TEMPERED SILICONE SEAL			HANDLE & TRIM PLATE COLOR: MATTE BLACK	LD LAT.	(RV-A)	ONE (1) FOUR-BAY INSULATED OPERABLE RIDGE VENT WITH CHARCOAL COLORED FIBERGLASS SCREENS.	
ANY CHANGES BY CUSTOMER, NEW SHOP DRAWINGS MUST BE PREPARED, SUBMITTED, AND APPROVED. FOR EXAMPLE, "APPROVED AS NOTED" OR ANY OTHER MODIFICATIONS TO DO NOT CONSTITUTE FINAL APPROVED SHOP DRAWINGS. PLE NOTE THAT FABRICATION AND LEAD TIMES WILL NOT BEGIN UNTIL FINAL APPROVAL WITHOUT CHANGES IS PROVIDED.	GLAZING SCH	IEDULE (VERTICAL) (QTY: 2)	_	"UNITS TO BE KEYED DIFFEREN	NT"		TWO (2) INSULATED OUT-SWING AWNING WINDOW USING THE PROJECTED	
APPROVAL SIGNIFIES THAT DESIGN AND ALL FIELD MEASUREMENTS HAVE BEEN VERIFIED AND THIS PROJECT MAY BE	ТҮРЕ	DESCRIPTION		HARDWARE INFORMATION			WINDOW SYSTEM, WITH SINGLE ARM CRANK OPERATOR, STANDARD CAM	
RELEASED FOR FABRICATION. PER OUR TERMS AND CONDITIONS, APPROVED SHOP DRAWINGS ARE FINAL AGREEMENT O ALL DESIGN AND PRODUCTION CRITERIA AND SUPERCEDE QUOTE AND OTHER PRIOR DOCUMENTS. LEAD TIMES OFFICIAL BEGIN UPON RECEIPT OF SIGNED SHOP DRAWINGS. IN ORDER TO E XPEDITE FABRICATION, PLEASE SIGN AND RETURN ON	3 1" INSULATED GLAZING			HINGES: SEMI CONCEALED HINGES			LOCK, 4-BAR HINGES, AND CHARCOAL COLORED FIBERGLASS SCREEN ON INTERIOR OF WINDOW.	
(1) FULL SET SHOP DRAWINGS, INCLUDING ANY PAGES WHICH MAY REFLECT DIMENSION OR DETAIL ALTERATIONS.	1/8" LOE 272 (ON SURFACE	E #2) TEMPERED R SPACE (ARGON FILLED)		HINGE COLOR: DARK BRONZE ANODIZED			GLAZING SET UP: 1" INSULATED GLAZING	
CUSTOMER'S SIGNATURE OR MARK AT ANY LOCATION ON THIS PAGE SIGNIFIES ACCEPTANCE AND APPROVAL OF ALL SIGN OFF REQUIREMENTS INCLUDING DESIGN, DIMENSIONS, FRAME COLOR, GLAZING TYPE, ACCESSORIES, ETC FOR S.I. TO PROCEED WITH FABRICATION. ANY CHANGES TO SHOP DRAWINGS WILL RESULT IN ADDITIONAL CHARGES AND LEAD TIME	1/8" CLEAR TEMPERED SILICONE SEAL			DOOR LIMITER		(W-A)	FRAMING COLOR TO BE: AAMA 2603 SI STANDARD BRONZE (UC# 89166RS)	
IF S.I. RECEIVES COVER PAGE ONLY , CUSTOMER CERTIFIES THAT NO CHANGES TO THE DRAWINGS ARE REQUIRED AND S IS PERMITTED TO PROCEED WITH FABRICATION AS PER ITS LAST SUBMITTAL						(W-A)	HARDWARE INFORMATION (OUTSOURCE)	
S.I. DRAWING REVIEW SIGN OFF		Ο ΙΝΙΟΨΑΤΙ					HANDLE: ONE (1) SINGLE ARM CRANK OPERATOR PER WINDOW	
S.I. REP. INITIAL DATE	- SOLA	R INSTALL		DRAWINGS ARE FOR PRELIM			HANDLE COLOR: BLACK	
PRELIMINARY ENGINEER KAE 11/15/18				EFERENCE ONLY PER LETTER (LOCK: TWO (2) CAM LOCKS PER WINDOW	
SPECIALIST	4			ESIGN, DIMENSIONS, ATTACHM	,		LOCK COLOR: BLACK	
SPECIALIST	4			ARE TO BE VERIFIED, SUPPLIED	D, AND/OR			
PROJECT MANAGER JM 11/15/18	4			REVIEWED FOR APPROVA	AL.			
OTHER			- I	FINAL ENGINEERING				
	REVISION KEY			TO BE BASED ON FINAL DE	SIGN.			
LETTER DESCRIPTIO	N	DATE INITIAL	╢┕					
			1					
			NEGLIGENC	E ON THE PART OF SI, SI IS NOT LIABLE FOR ANY DAMAGE CAUSED TO EXISTI	ING STRUCTURES DURING THE PROC	ESS OF ERECTIO	RUCTURES CAN CRACK OR FAIL DURING CONSTRUCTION THROUGH NO FAULT OF SI. IN THE ABSENCE OF ON AND INTEGRATION OF THE SI PRODUCT INTO EXISTING STRUCTURES. IN THAT EVENT, CUSTOMER ONENTS), AS WELL AS ANY REWORK REQUIRED BY SI TO UNINSTALL OR REINSTALL ANY SI PRODUCTS.	
31 ROBERTS ROAD PINE GROVE, PA 17963 PRE. ENG.: DRAFT	ER:	QUOTE: ORIGINAL DRAWING DATE:	ACCURATE.				IN THE ACCURACY OF ALL SUCH INFORMATION. CUSTOMER WARRANTS THAT ALL INFORMATION PROVIDED IS OMPLETE INFORMATION PROVIDED BY CUSTOMER, OR ANY DRAWINGS APPROVED BY CUSTOMER WHICH	
PHONE: (5/0) 915-1500 or (800) 618-0669 FAX: (800) 618-0743 WEBSITE: www.solarinnovations.com E-MAIL: skylight@solarinnovations.com XXX ALEX S	ESLOW / TYLER NEWHOUSE	12418 11-9-18	ALL DATA CONTAINED HERE IN IS CONSIDERED COMPANY CONFIDENTIAL INFORMATION AND IS SUBJECT TO OUR CONFIDENTIALITY AGREEMENT AS SET FORTH ON OUR WEBSITE AT http://www.solarinnovations.com/contact/					
SOLAR INNOVATIONS [®] CUTLISTER: PROJE		JOB NO.: COVER PAGE:					ction of these plans, in whole or in part, without the written permission of Solar Innovations" Architectural Glazing Systems is forbidden.	
ARCHITECTURAL GLAZING SYSTEMS XXX JOSH M	USSER (EXT. 3063)	18-10-580 SHEET No. 1 OF 34		LAST	PRINTED BY: Alex M. Steslow ON: 11/1	6/2018 1:26:4	41 PM REVISION: -	

NOTES TO DESIGN PROFESSIONAL							
1.)							
2.)							
3.)							
4.)							
5.)							
	SPECIAL	NOTES					
1.) ANY REVISIONS REQUESTED & DRAWN AFTER PRI FINAL REVIEW BY ENGINEERING TO MEET APPLICABL		RE SUBJECT TO MODIFICAT	TION AFTER FINAL REVIEW BY THE CUSTOMER AND				
2.) DRAWING IS SUBJECT TO WIND AND SEISMIC MOE SEISMIC BRACING, AND SYSTEM MODIFICATION TO M		EW BY ENGINEERING INCLU	JDING, BUT NOT LIMITED TO: WIND BRACING,				
3.) UNLESS OTHERWISE NOTED, SOLAR INNOVATION INCLUDES ANY JOB THAT SITS ON PRESSURE TREAT							
4.) IN ORDER TO APPROVE ANY JOB FOR FABRICATION, SOLAR INNOVATIONS, INC. REQUIRES THAT ALL FOUR (4) OF THE LINES IN THE "APPROVAL BY SI ACCOUNT" BOX BE SIGNED AND DATED. ALSO, ALL REMAINING PAGES REQUIRE CUSTOMER INITIALS AND DATE. IF YOUR COMPANY'S POLICY IS TO STAMP DRAWINGS AS APPROVED, OR TO SIGN AND DATE ONLY ONE (1) PAGE OF A SET OF DRAWINGS, SOLAR INNOVATIONS, INC. WILL CONSIDER ALL PAGES FULLY REVIEWED AND APPROVED. THIS INCLUDES, BUT IS NOT LIMITED TO ALL DIMENSIONS, COLORS, GLASS MAKE-UPS, SYSTEM DESIGN AND DESIGNATIONS, ACCESSORY LAYOUTS, AND DESIGN PARAMETERS.							
5.) ALL WOOD PRODUCTS MUST BE SEALED COMPLETELY AND THOROUGHLY PRIOR TO EXPOSURE TO ENVIRONMENTAL ELEMENTS, INCLUDING BUT NOT LIMITED TO TEMPERATURE AND HUMIDITY. SEALER MUST BE EXTERIOR GRADE AND PROFESSIONALLY SEALED ESPECIALLY ON SEAMS AND EDGES. FAILURE TO DO SO COULD RESULT IN STAINS ON WOOD, WARPING OF THE WOOD, OR DELIMITATION OF WOOD VENEERS. FAILURE TO COMPLY WILL RESULT IN VOIDING OF PRODUCT WARRANTY. ALSO, ANY REQUIRED REWORK OR REPLACEMENT OF PARTS OF PRODUCTS THAT ARE DEFECTIVE AS A RESULT OF NOT FOLLOWING THE ABOVE MENTIONED REQUIREMENTS WILL BE AT THE CUSTOMER'S EXPENSE.							
6.) UNLESS SPECIFICALLY NOTED ON THE COVER PAGE OF THESE DRAWINGS, THE STRUCTURE WILL NOT BE PRE-ASSEMBLED OR PRE-GLAZED. THE STRUCTURE WILL BE SHIPPED IN INDIVIDUAL FABRICATED PARTS THAT ARE TO BE FINAL ASSEMBLED IN THE FIELD. REGARDLESS OF INDIVIDUAL CUSTOMER REQUESTS, SOLAR INNOVATIONS, INC RESERVES THE RIGHT TO SHIP UNITS KD (KNOCKED-DOWN) BASED ON SHIPPING METHODS AND LOGISTICS. IF FEASIBLE, AND FOR AN EXTRA FEE, SOLAR INNOVATIONS, INC WILL PRE-ASSEMBLE AND PRE-GLAZE JOBS AT THEIR DISCRETION BASED ON SIZE AND SHIPPING LIMITATIONS.							
7.) SOLAR INNOVATIONS RECOMMENDS THE USE OF LAMINATED GLASS IN ALL OVER HEAD APPLICATIONS. IT IS TYPICALLY REQUIRED BY CODE. THE CUSTOMER ASSUMES ALL LIABILITY IF CHOOSING NOT TO USE IT.							
8.) SOLAR INNOVATIONS PRICE INCLUDES THE USE O PROVIDED, OR WILL REQUIRE A CONTINUOUS SHIM "E		SILICONE ON THE OUTSIDE	E PERIMETER ONLY. ALL OTHER FINISH IS TO BE				
SECTION MARKER	DETAIL I	MARKER	BUBBLE MARKER				
SECTION DESIGNATION PAGE NUMBER SECTION PAGE NUMBER DETAIL DESIGNATION PAGE NUMBER DETAIL DESIGNATION PAGE NUMBER							
HINGE IDENTIFICATION KEY		S	SLIDING UNIT DESIGNATIONS				
HINGE IDENTIFICATION KEY NOTE: LOCATIONS SHOWN FROM OUTSIDE UNIT LOOKING IN HANDLE SIDE (DOORS ONLY) HINGE LOCATED @ POINT NOTE: LOCATIONS SHOWN FROM OUTSIDE UNIT LOOKING IN NOTE: LOCATIONS SHOWN FROM OUTSIDE UNIT LOOKING IN							

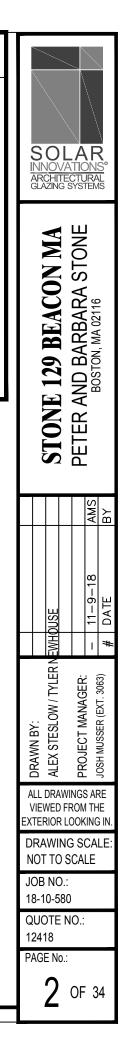
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SHEET # - 6	ISOMETRIC VIEW
SHEET # - 7 - 9	CURB PLANS
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SHEET # - 33 & 34	FLASHING SPLICE

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FLASHING SPLICE ISOMETRICS



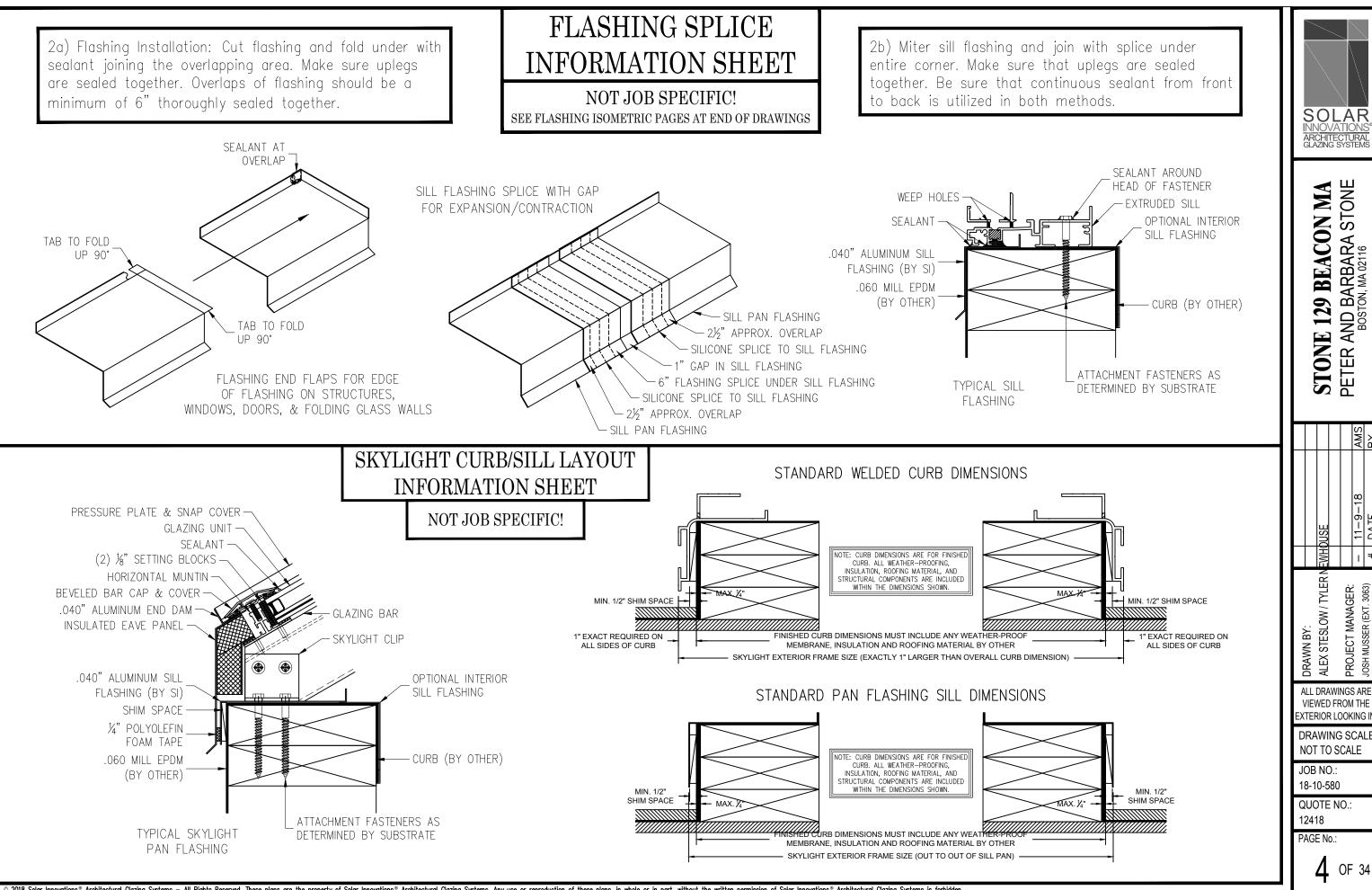
	ENGINEERING AND CODE COMPLIANCE	
SOLAR INNOVATIONS STANDARD DESIGN SPECIFICATIONS UNLESS OTHERWISE STATED BELOW IN THE ENGINEERING DESIGN CRITERIA, SOLAR INNOVATIONS, INC. DESIGNS IT'S STRUCTURES AS PER THE APPROPRIATE SECTIONS OF THE IBC 2009 BUILDING CODE. LOADS APPLIED INCLUDE A COMBINATION OF 30 PSF ROOF LIVE OR SNOW LOAD AND LATERAL LOADS BASED ON APPLYING 90 MPH WINDS USING A WIND EXPOSURE OF "B" AT GROUND LEVEL. ANY DEVIATION FROM THESE LOAD SPECIFICATIONS MUST BE PROVIDED TO SOLAR INNOVATIONS, INC. IN WRITING BY THE CUSTOMER AND MAY AFFECT THE PRICE OF THE STRUCTURE, INCLUDING, BUT NOT LIMITED TO CHANGES IN MATERIAL. LABOR. AND ENGINEERING COSTS.	PRESSURE TREATED WOOD NOTE ALUMINUM SHOULD NOT BE USED IN DIRECT CONTACT WITH ACQ (ALKALINE COPPER QUATERNARY) PRESSURE-TREATED WOOD. SPACER MATERIALS OR OTHER PHYSICAL BARRIERS ARE REQUIRED TO PREVENT DIRECT CONTACT OF ACQ PRESSURE-TREATED WOOD AND ALUMINUM PRODUCTS. FASTENERS FOR PRESSURE-PRESERVATIVE TREATED WOOD SHALL BE OF HOT-DIP ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER. THE COATING	STRUCTURAL STEEL FOR THIS PROJECT, SOLAR INNO PROVIDED BY SOLAR INNOVATIO STEEL MEMBER WITH PROPER E MINIMUM OF 3 THREADS, AND ED MINIMUM BEARING STRENGTH O
JOB LOCATION: P.E. STAMP PROVIDED BY SOLAR INNOVATIONS, INC: BOSTON, MA 02116 <u>NO</u> ENGINEERING DESIGN CRITERIA	WEIGHTS FOR ZINC-COATED FASTENERS SHALL BE IN ACCORDANCE WITH ASTM A 153. EXCEPTIONS: ONE-HALF INCH (12.7MM) DIAMETER OR LARGER STEEL BOLTS. FASTENERS OTHER THAN NAILS AND TIMBER RIVETS SHALL BE PERMITTED TO BE OF MECHANICALLY DEPOSITED ZINC-COATED STEEL WITH COATING WEIGHTS IN ACCORDANCE WITH ASTM B 695, CLASS 55, MINIMUM.	FASTENERS. IT IS THE ENGINEEF SUBSTRATE USED IS AT LEAST T INNOVATIONS INTENDS TO USE A PURPOSES. ANY NON-STANDARI CHANGE ORDER FOR ADDITIONA
VIEWED CODE: 780 CMR 9TH ED RESIDENTIAL (2015 IRC) SNOW LOAD: 40 PSF WITH DRIFTING WIND VELOCITY: 128 MPH (VULT) EXP. C	WOOD FOR THIS PROJECT, SOLAR INNOVATIONS, INC. ASSUMES THAT THE MANUFACTURED PRODUCT PROVIDED BY SOLAR INNOVATIONS, INC. WILL BE ATTACHING TO A STANDARD 2X WOOD PACKOUT WITH PROPER EMBEDMENT AND EDGE DISTANCES. THIS STANDARD PACKOUT IS DEFINED AS A 2X WITH A MINIMUM OF (2) ¼" LAG FASTENERS PERPENDICULAR TO THE GRAIN ABLE TO WITHSTAND A MINIMUM BEARING STRENGTH OF 220 LBS AT ANY ONE POINT. IT IS THE ENGINEER OF THE CUSTOMER'S RESPONSIBILITY TO ENSURE THAT THE SUBSTRATE USED MEETS AT LEAST THE MINIMUM STANDARD. TO ATTACH TO THIS PACKOUT, SOLAR INNOVATIONS	COSTS FOR THE UNIT AND FABR COSTS WILL ALSO APPLY FOR SO WITH A THICKNESS OF MORE TH ALL STRUCTURAL STEEL CONFORMS OR OTHERWISE PROTECTED AGAINST ALL STRUCTURAL STEEL TUBING SHAI PAINTED, GALVANIZED, OR OTHERWIS ALUMINUM
RISK CAT: II IF ENGINEERING FORM IS NOT PROVIDED PLEASE REFER TO SOLAR INNOVATIONS STANDARD DESIGN SPECIFICATIONS NOTED ABOVE. INSTALLATION OF SYSTEM INCLUDES ONLY THE ERECTION OF THE FRAME, GLASS, AND ACCESSORIES AS PROVIDED BY SOLAR INNOVATIONS, INC. ABSOLUTELY NO PLUMBING, ELECTRICAL, FOUNDATION, OR SUBSTRATE WORK IS INCLUDED WITH ANY SOLAR INNOVATIONS JOB UNLESS OTHERWISE SPECIFIED AND REFLECTED ON THE SIGNED CONTRACT.	INTENDS TO USE A STANDARD QUALIFIED FASTENER FOR ATTACHMENT PURPOSES. ANY NON-STANDARD FASTENER NEEDED TO ATTACH TO WOOD WILL REQUIRE A CHANGE ORDER FOR ADDITIONAL COSTS. ALL LUMBER ON OR BELOW GRADE, WITHIN 18" OF FINISHED GRADE SHALL, OR DIRECTLY BEARING ON CONCRETE OR MASONRY SHALL BE ACQ PRESSURE TREATED SOUTHERN YELLOW PINE #2 GRADE (G=0.55 ALL LUMBER ABOVE GRADE SHALL BE SOUTHERN YELLOW PINE #2 GRADE (G=0.55) ALL FRAMING LUMBER SHALL BE HEM-FIR #2 GRADE (G=0.43) GLU-LAM. (LVL) BEAM WOOD	IN ALL INSTANCES WHERE ALUMINUM PROVIDE DIELECTRIC SEPARATION SITE PREPARATION ALL FOUNDATION SYSTEMS MUST BE APPLICABLE) FILL/SOIL WITH VAPOR B STRUCTURAL FOOTERS ARE REQUIRE THE CUSTOMER'S RESPONSIBILITY TC THE STRUCTURAL LOADING IMPOSED CODE.
INSTALLATION MANUALS ARE SUPPLIED AS A GUIDE ONLY. VARIATIONS OF DESIGN AND APPLICATIONS OCCUR AND ARE ADDRESSED ON A JOB-BY-JOB BASIS. WHEN VARIATIONS OCCUR, SHOP DRAWINGS SHALL SUPERCEDE INSTALLATION MANUALS. FOR FURTHER ASSISTANCE, PLEASE CONTACT YOUR PROJECT MANAGER OR SOLAR INNOVATIONS. FAILURE TO FOLLOW SHOP DRAWINGS AND INSTALLATION INSTRUCTIONS AS DESCRIBED IN THE MANUAL AND/OR FAILURE TO CONTACT SOLAR INNOVATIONS WITH QUESTIONS OR UNCERTAINTIES SHALL VOID WARRANTY OF PRODUCT.	STRUCTURAL PROPERTIES AND ALLOWABLE STRESS E:1,600,000 PSI MIN: POISSON: .347 DENSITY: 40 PCF Fb: 1800 PSI MIN. Fc: 1900 PSI MIN. Fc: 1900 PSI MIN. Ft: 1150 PSI MIN. Ft:: 1150 PSI MIN. Fvx: 195 PSI MIN.	RESPONSIBILITY ALL SITE WORK SHALL BE PERFORME BUILDING CODES, LOCAL ORDINANCE: CONTRACTOR SHALL VERIFY ALL DIME BETWEEN DRAWINGS, FABRICATED IT ALUMINUM ADDITIONS ARE NOT TO BE HOME. IF THE EXISTING STRUCTURE IS
COMPLIANCE WITH APPLICABLE LAW CUSTOMER ACKNOWLEDGES IT HAS INVESTIGATED AND VERIFIED BUILDING CODE AND ADA REQUIREMENTS, IF ANY, APPLICABLE TO SI'S SCOPE OF WORK. BY APPROVING THE SHOP DRAWINGS, CUSTOMER ASSUMES RESPONSIBILITY TO VERIFY THAT SI'S SHOP DRAWINGS COMPLY WITH APPLICABLE STATUTORY, BUILDING CODE AND ADA REQUIREMENTS. SI HAS NO RESPONSIBILITY TO PROVIDE PRODUCT DESIGN THAT COMPLIES WITH ANY STATUTE, CODE OR ADA REQUIREMENTS NOT REFLECTED IN THE APPROVED SHOP DRAWINGS. SI ALSO ASSUMES NO RESPONSIBILITY OR LIABILITY FOR OPINIONS OF PROFESSIONAL ENGINEER RETAINED TO REVIEW AND STAMP DRAWINGS.	CONCRETE FOR THIS PROJECT, SOLAR INNOVATIONS, INC. ASSUMES THAT THE MANUFACTURED PRODUCT PROVIDED BY SOLAR INNOVATIONS, INC. WILL BE ATTACHING TO SOLID CONCRETE WITH PROPER EMBEDMENT AND EDGE DISTANCES. THIS STANDARD PACKOUT IS DEFINED AS A 2,000PSI CONCRETE ABLE TO WITHSTAND MINIMUM BEARING STRENGTH OF 750 LBS WITH A 1" EMBEDMENT FOR A MINIMUM OF (2) ½" TAPCON FASTENERS. IT IS THE ENGINEER OF THE CUSTOMER'S RESPONSIBILITY TO THE WATCHE SUBSTRATE USED IS AT LEAST THIS MINIMUM STANDARD. TO ATTACH TO THE SUBSTANCE, SOLAR INNOVATIONS INTENDS TO USE A	SO THAT NO ADDITIONAL LOADING IS I FASTENERS ALL LAG BOLTS SHALL CONFORM TO S MANUFACTURER GALVANIZED BOLTS ALL BOLTS SHALL BE ASTM A325, PLAT ALL CONCRETE SCREWS SHALL BE ½" APPROVED EQUAL ALL METAL TIES AND ASSOCIATED ACC ALL LAG BOLTS SHALL HAVE A MINIMU
FALL PROTECTION REQUIREMENTS THE INTERNATIONAL BUILDING CODE STATES THAT WINDOWS WITH OPENINGS MORE THAN 72" ABOVE FINISHED GRADE ARE TO HAVE A MINIMUM SILL HEIGHT OF 24" ABOVE THE INTERIOR FINISHED FLOOR. IN CASES WHERE THE SILL HEIGHT IS LESS THAN 24", THE WINDOW SHALL NOT HAVE AN OPENING GREATER THAN WHAT WOULD ALLOW FOR A 4" DIAMETER SPHERE TO PASS THROUGH. WHERE THE WINDOW OPENING IS GREATER THAN THE PRESCRIBED 4" LIMITATION, AN APPROVED WINDOW GUARD MUST BE INSTALLED. SOLAR INNOVATIONS, INC. IS NOT RESPONSIBLE FOR CODE COMPLIANCE. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO VERIFY CODE REQUIREMENTS WITH PROJECT DESIGN PROFESSIONALS AND ENSURE COMPLIANCE WITH ALL APPLICABLE CODES. IF A WINDOW OR DOOR LIMITER IS REQUIRED TO MEET THE 4" REQUIREMENTS, ADDITIONAL COSTS WILL APPLY. MERC FOR COLSTS WILL APPLY. MERC FOR ACRONYMS AWSIC - AIR, WATER, STRUCTURAL, IMPACT & CYCLING TESTING AWSIC - AIR, WATER & STRUCTURAL, IMPACT & CYCLING TESTING OITC - OURDOOR/INDOOR TRANSMITTANCE CLASS STC - SOUND TRANSMITTANCE CLASS NOTE - NATIONAL FENESTRATION RATING COUNCIL (THERMAL TESTING)	 STANDARD QUALIFIED FASTENER FOR TO CONCRETE PURPOSES. ANY NON-STANDARD FASTENER NEEDED TO ATTACH TO CONCRETE WILL REQUIRE A CHANGE ORDER FOR ADDITIONAL COSTS. ALL CONCRETE GRADE BEAMS AND FOOTING SHALL BE 2500 PSI MIN. ALL SLABS ON GRADE SHALL HAVE 4" NOMINAL THICKNESS WITH FIBERMESH ON 6 MIL POLYETHYLENE VAPOR BARRIER ALL REINFORCING SHALL BE GRADE 50 (50 KSI MIN.) DEFORMED BARS. #3 MAY BE GRADE 40 MASONRY ALL MASONRY SHALL COMPLY WITH I.B. CONCRETION 2003 CONCRETE MASONRY UNITS (CMU) SHALL TO MANARA DELOW UNITS AND SHALL BE 1500 PSI MIN. BASED ON TYPE M OR S MORTAR ALL MORTAR SHALL BE OF TYPE M OR S ALL GROUT SHALL BE 1800 PSI MIN. AND HAVE MAXIMUM COARSE AGGREGATE SIZE OF ³/₄" 	MIN.) AG BOLTS AND SCREWS INTO WOOD NOT GREATER THAN 70% OF THE THR SHALL BE INSERTED IN PILOT HOLES E ALL FASTENERS CONNECTING ALUMIN STEEL TYPE 300 18-8 UNLESS MANUFA TREATED WOOD, OR OTHERWISE NOT ALL FASTENERS SHALL COMPLY WITH ALL CONNECTORS SHALL COMPLY WIT SEE INSTALL MANUAL FOR FASTENER

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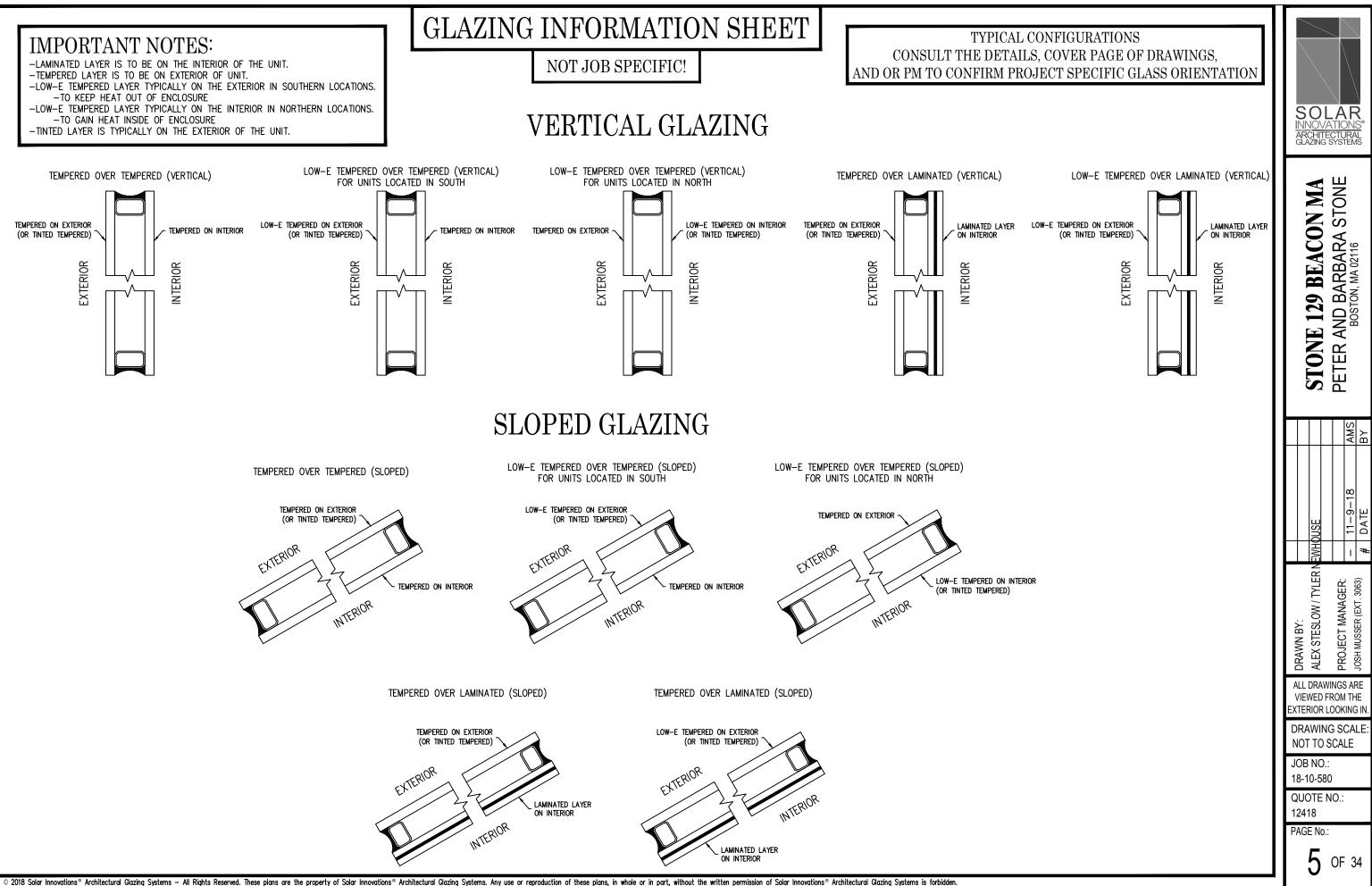
VATIONS, INC. ASSUMES THAT THE MANUFACTURED PRODUCT NS, INC. WILL BE ATTACHING TO A MAXIMUM $\frac{1}{6}$ " FO $\frac{1}{4}$ " THICK MBEDMENT, CLEARANCE FOR COMPLETE FASTENER, A DGE DISTANCES. THIS STEEL MEMBER 1S TO WITHSTAND A SOLAR F 854 POUNDS OF FORCE FOR A MINIMUM OF (2) 1/4" TEK-5 JNOV/ATION OF THE CUSTOMER'S RESPONSIBILITY TO ENSURE THAT THE ARCHITECTURAL GLAZING SYSTEMS THE UNITURY TO ATTACH TO THIS SUBSTRATE, SOLAR A STATE ON THE FASTENER FOR ATTACHMENT D FASTAL EX NEED TO ATTACH TO STEEL WILL REQUIRE A AL COSTS. IF STEEL THICKNESS EXCEEDS 1/2", ADDITIONAL PETER AND BARBARA STONE BOSTON, MA 02116 ICATION TIME TO PRE-DRIEL HOLES WILL APPLY. ADDITIONAL DLAR INNOVATIONS TO INSTALL UNIT INTO STEEL MEMBERS AN 1⁄4". TO ASTM A36 OR ASTM A572 GRADE 50 MIN. PRIMED, RAINTED, GALVANIZED CORROSION LL BE ASTM A500, GRADE B, PIPES SHALL BE ASTM A53, GRADE B, PRIMED, SE PROTECTED AGAINST CORROSION COMES INTO CONTACT WITH STEEL, OR PRESSURE TREATED LUMBER IN PLACE ON CLEAN, COMPACTED, TERMITE-TREATED (WHERE ARRIFR ED BY OTHERS FOR ALL APPLICATIONS UNLESS OTHERWISE NOTED. IT IS VERIFY SUBSTRATES AND ALL APPLICABLE FOOTINGS MEET OR EXCEED BY THE SYSTEM INSTALLED AND COMPLIANCE WITH LOCAL BUILDING AMS ED BY A LICENSED CONTRACTOR IN ACCORDANCE WITH APPLICABLE S, ETC ENSIONS AND DETAILS, NOTIFYING ENGINEER OF ANY DISCREPANCIES EMS, OR ACTUAL FIELD CONDITIONS INSTALLED ON A MANUFACTURED HOME, TRAILER HOME, OR PREFAB S ONE OF THESE, A SEPARATE SUPPORT SYSTEM MUST BE ENGINEERED USE PLACED ON THE EXISTING STRUCTURE FlŽ WHO STAINLESS STEEL TYPE 300 18-8 WITH STANDARD FLAT WASHER UNLESS SPECIFIES FOR USE WITH ACQ PRESSURE TREATED WOOD STESLOW / TYLER PROJECT MANAGER: JOSH MUSSER (EXT. 3063) FED WITH STANDARD FLAT WASHERS AND NUTS " X 2¼" MIN., SIMPSON, HILTI, RAWL, TAPCON, REDHEAD, DYNABOLT, OR CESSORIES SHALL BE HOT DIPPED GALVANIZED Æ UM EMBEDMENT OF 8X BOLT DIAMETER INTO STRUCTURAL FRAMING (G=.43 DRAWN E ALEX STE FRAMING SHALL BE PROVIDED WITH PILOT HOLES HAVING A DIAMETER EAD DIAMETER OF THE BOLT OR SCREW. ALL LAG BOLTS AND SCREWS BY TURNING AND UNDER NO CIRCUMSTANCES BY DRIVING WITH A HAMMER ALL DRAWINGS ARE NUM COMPONENTS OR PRESSURE TREATED LUMBER ARE STAINLESS VIEWED FROM THE ACTURER GALVANIZED BOLTS SPECIFIES FOR USE WITH ACQ PRESSURE EXTERIOR LOOKING IN ΈD DRAWING SCALE ASTM A153 TH ASTM A653 CLASS G-185 NOT TO SCALE TORQUE CHART. JOB NO .: 18-10-580 QUOTE NO .: 12418 PAGE No.:

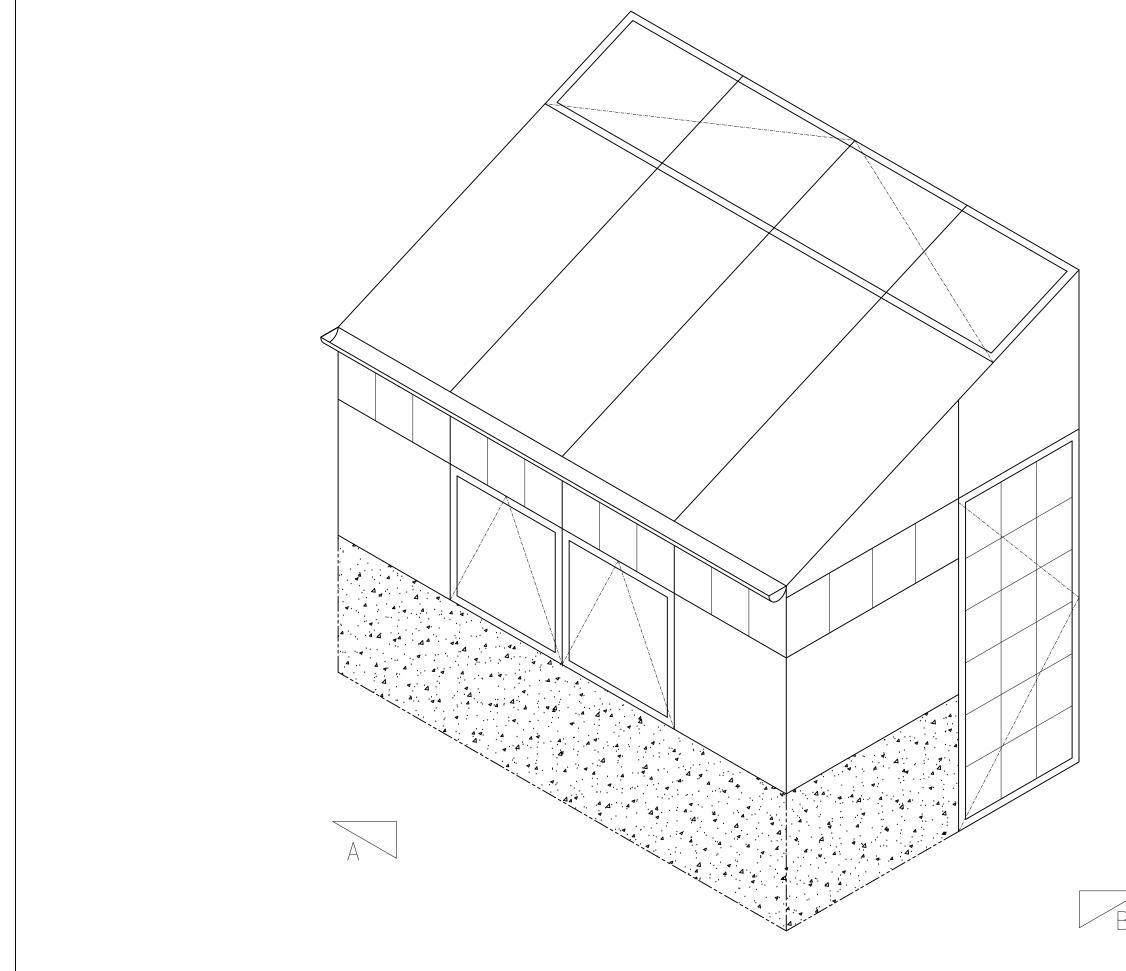
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OF 34



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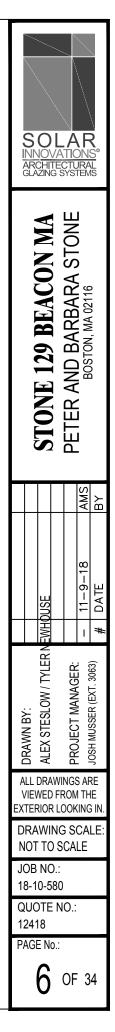


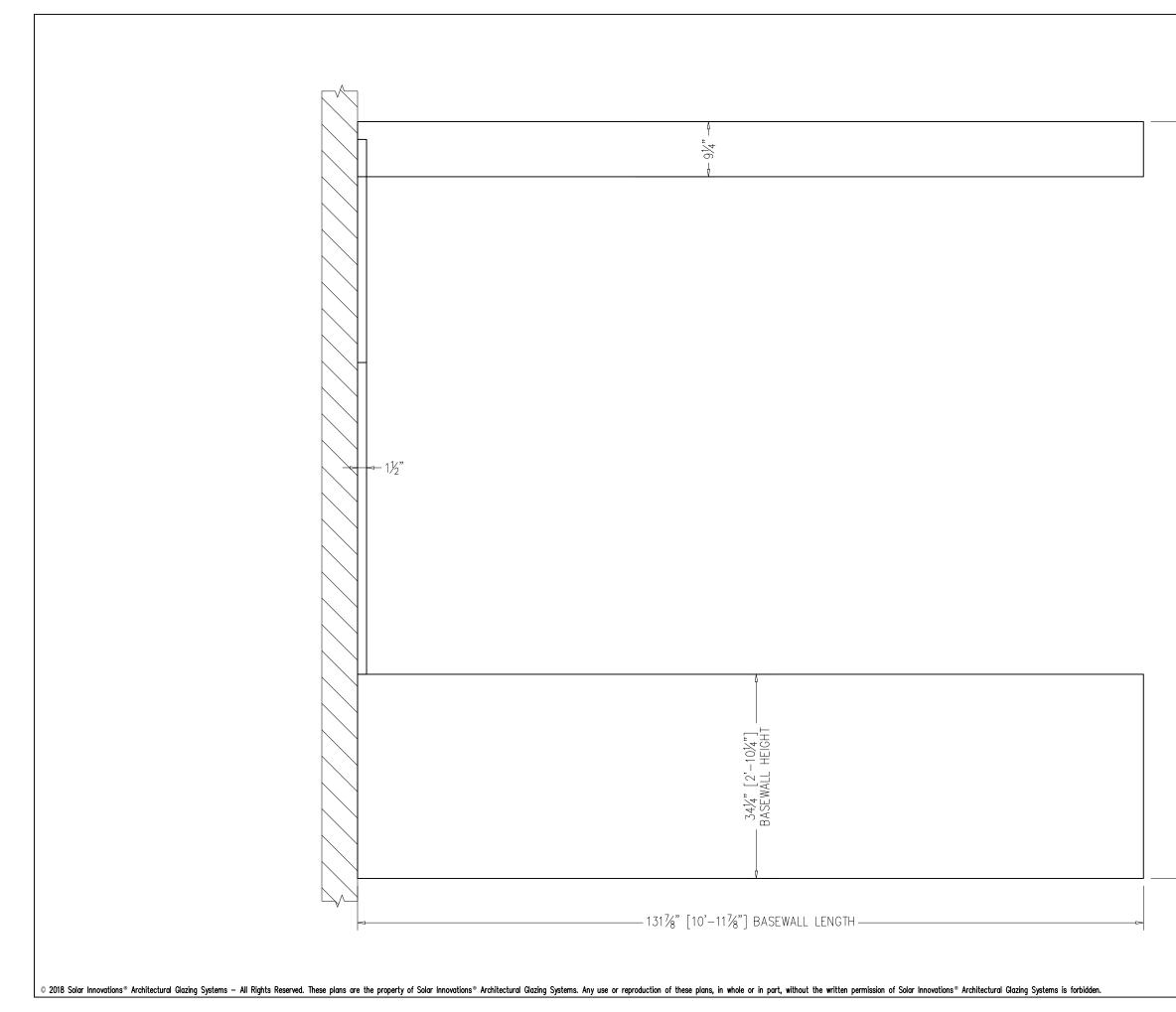


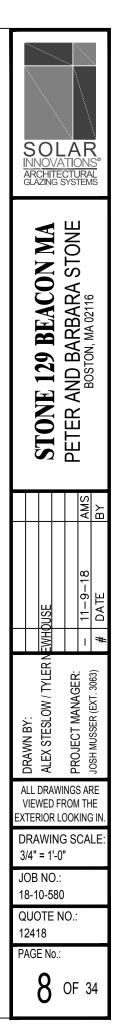


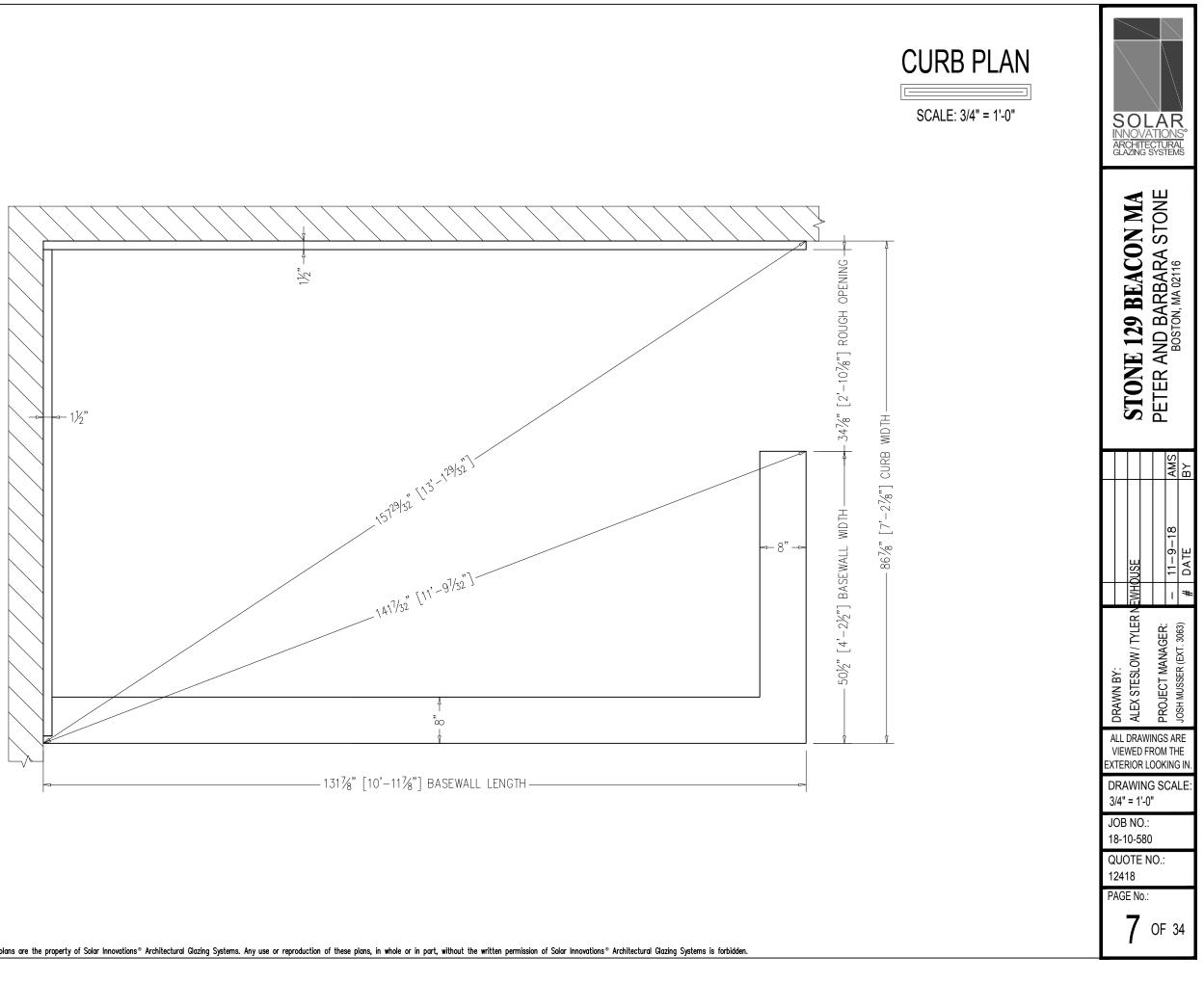
FOR PERSPECTIVE ONLY

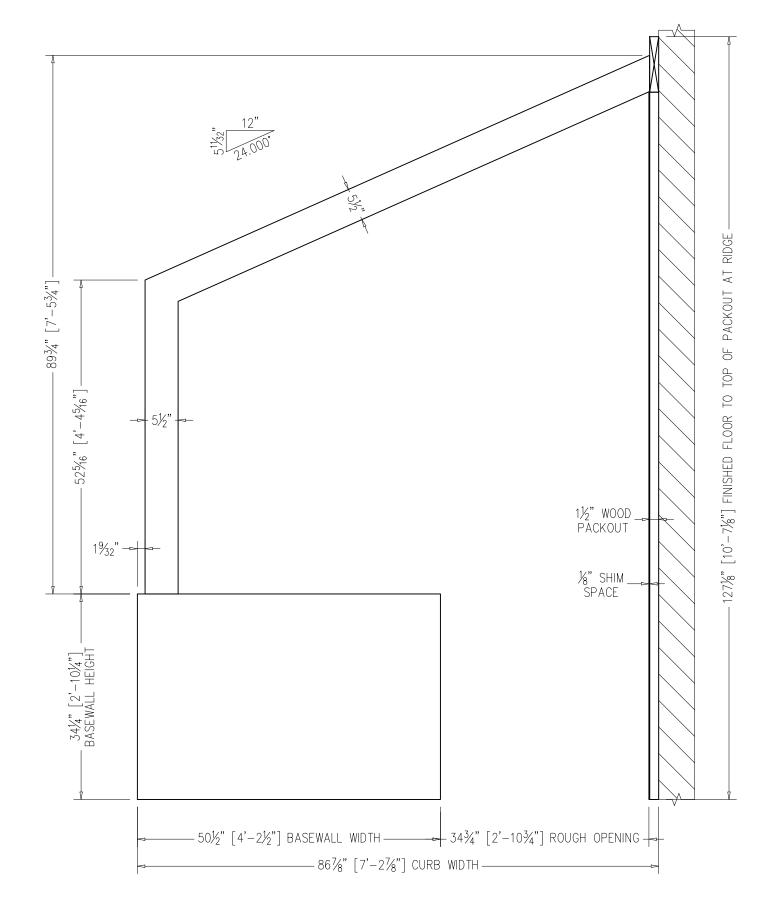
NOTE: ISOMETRIC IS FOR BASIC VISUAL REPRESENTATION ONLY. ACTUAL SIZE AND LAYOUT OF FINISHED PRODUCT IS DETAILED IN THE FOLLOWING PAGES.





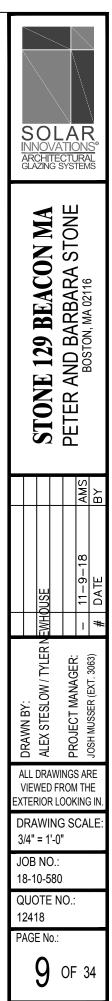


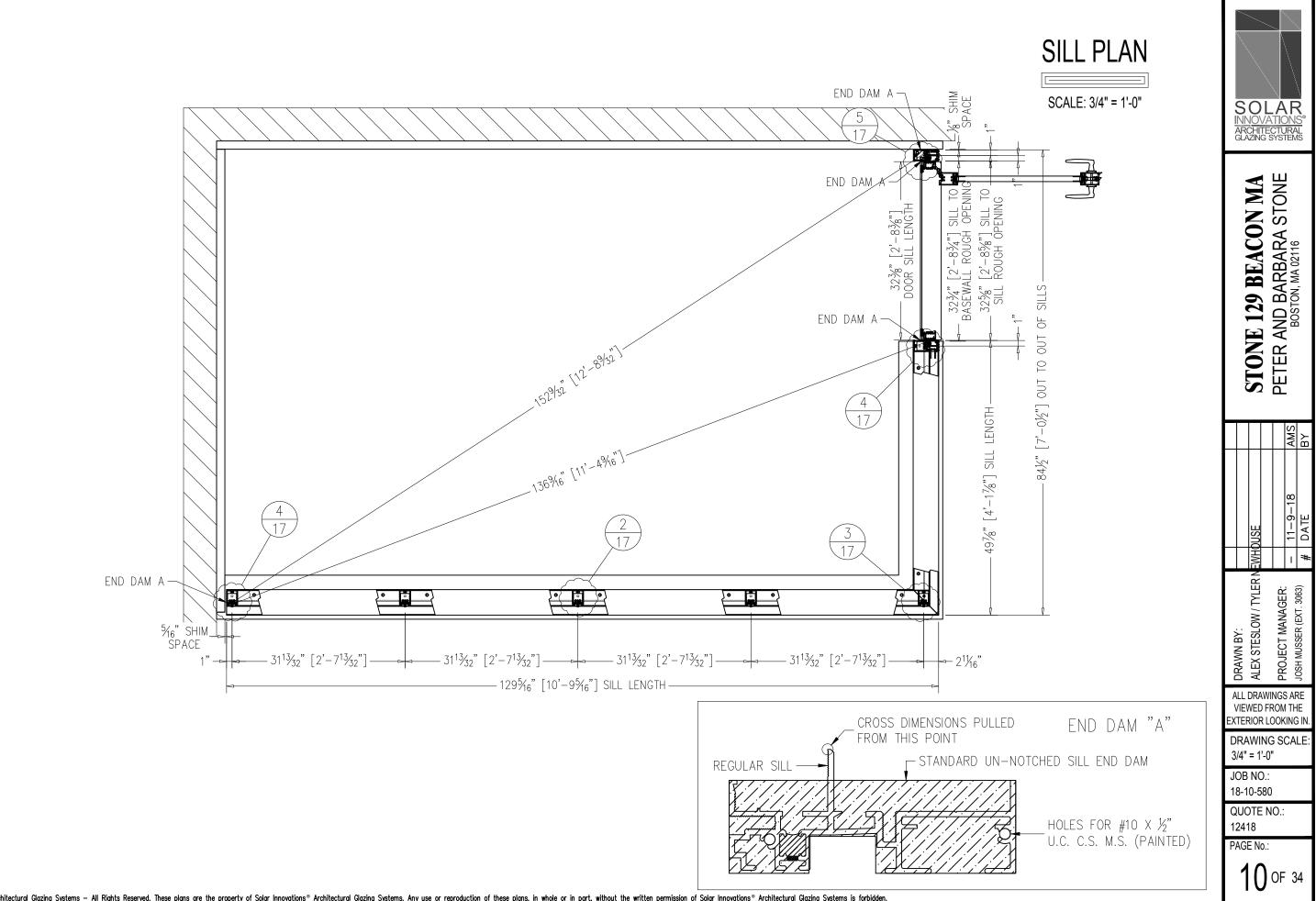


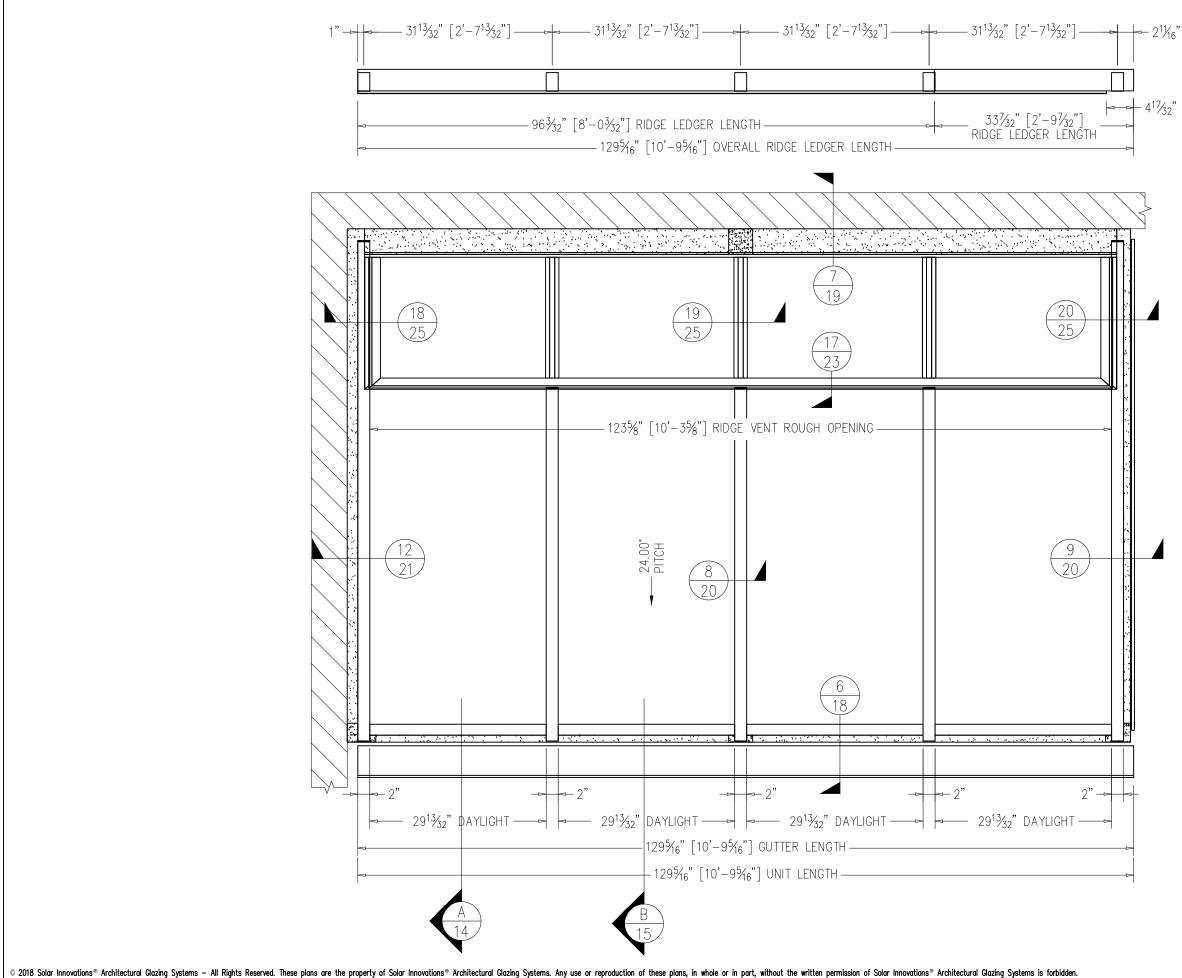


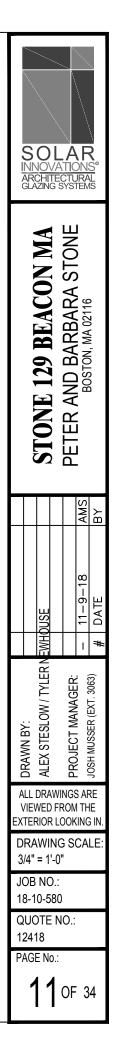
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CURB ELEVATION B



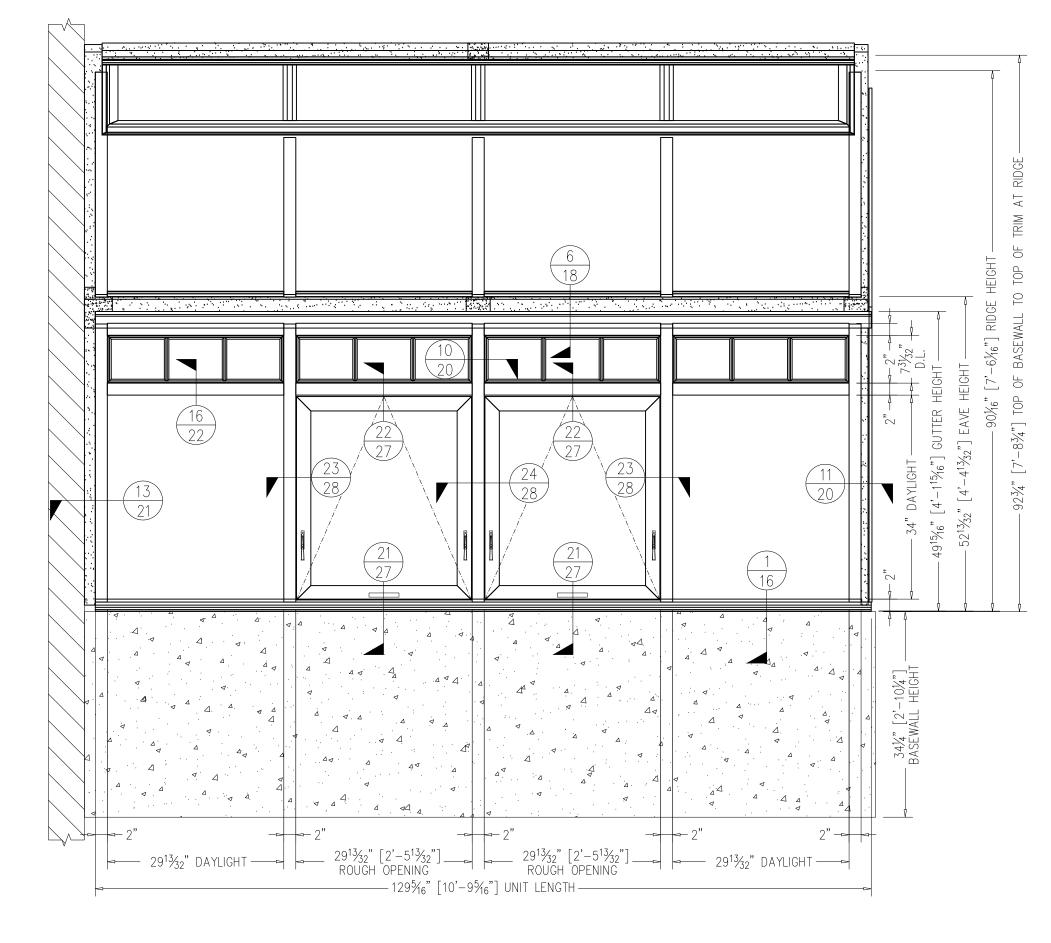


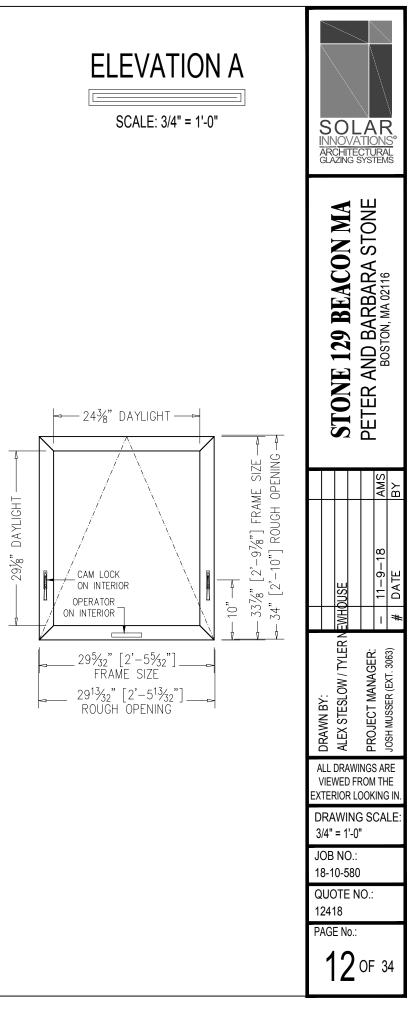


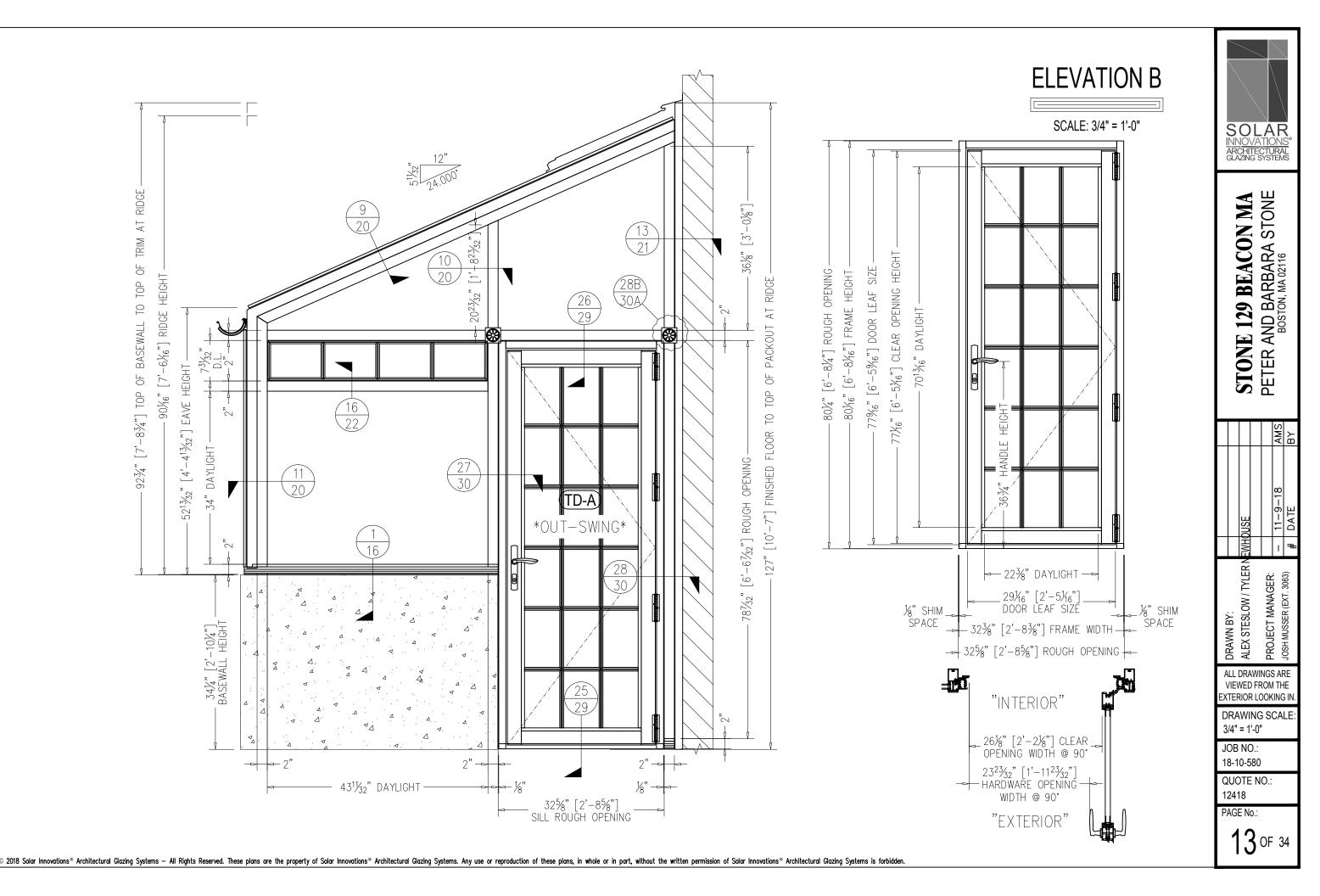


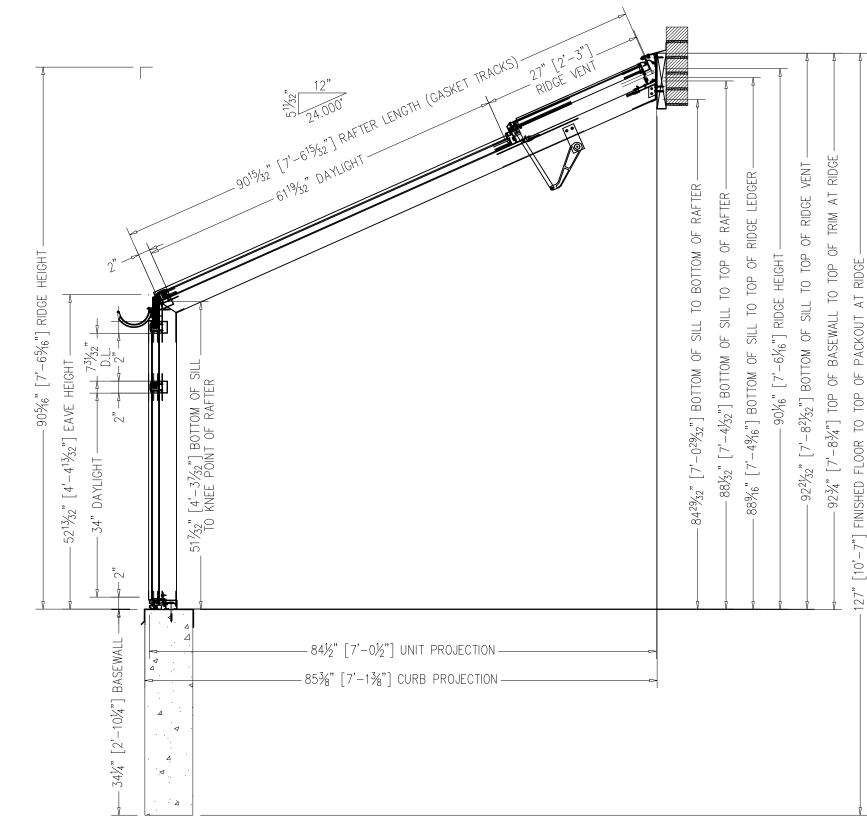
ROOF PLAN

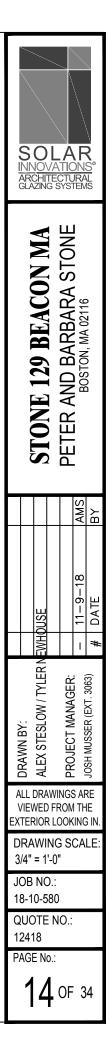
← 4¹⁷⁄₃₂" NOTCH



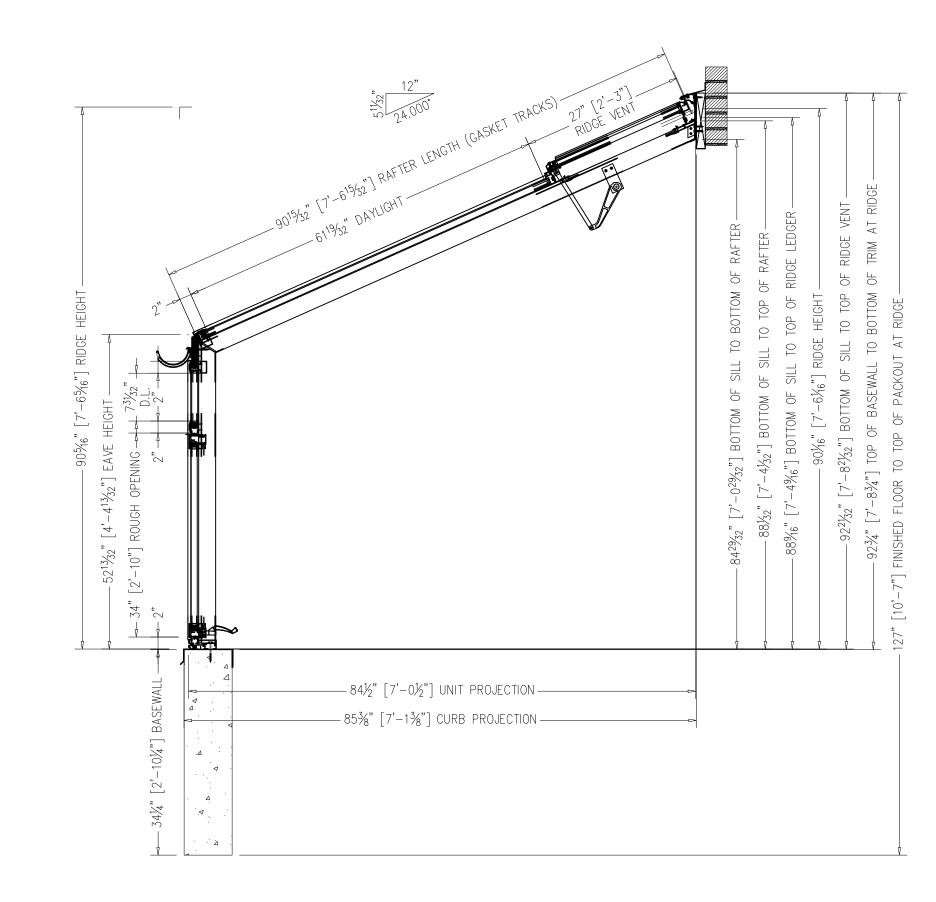


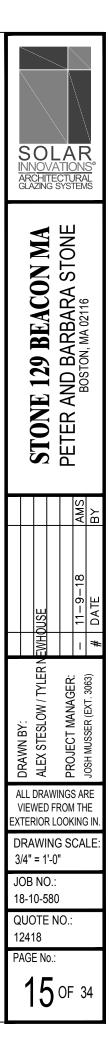




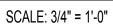


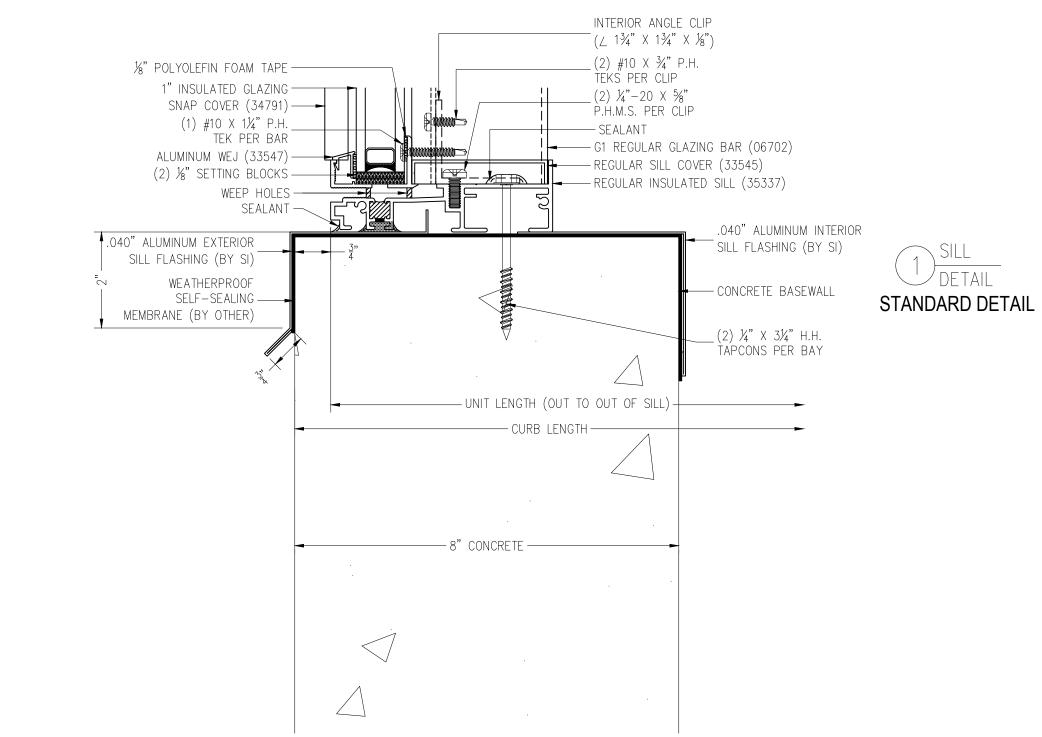
SECTION A



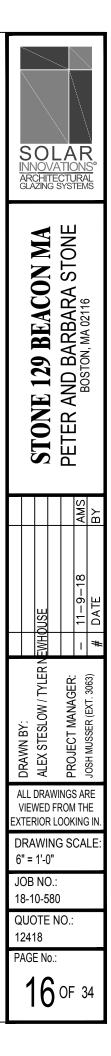


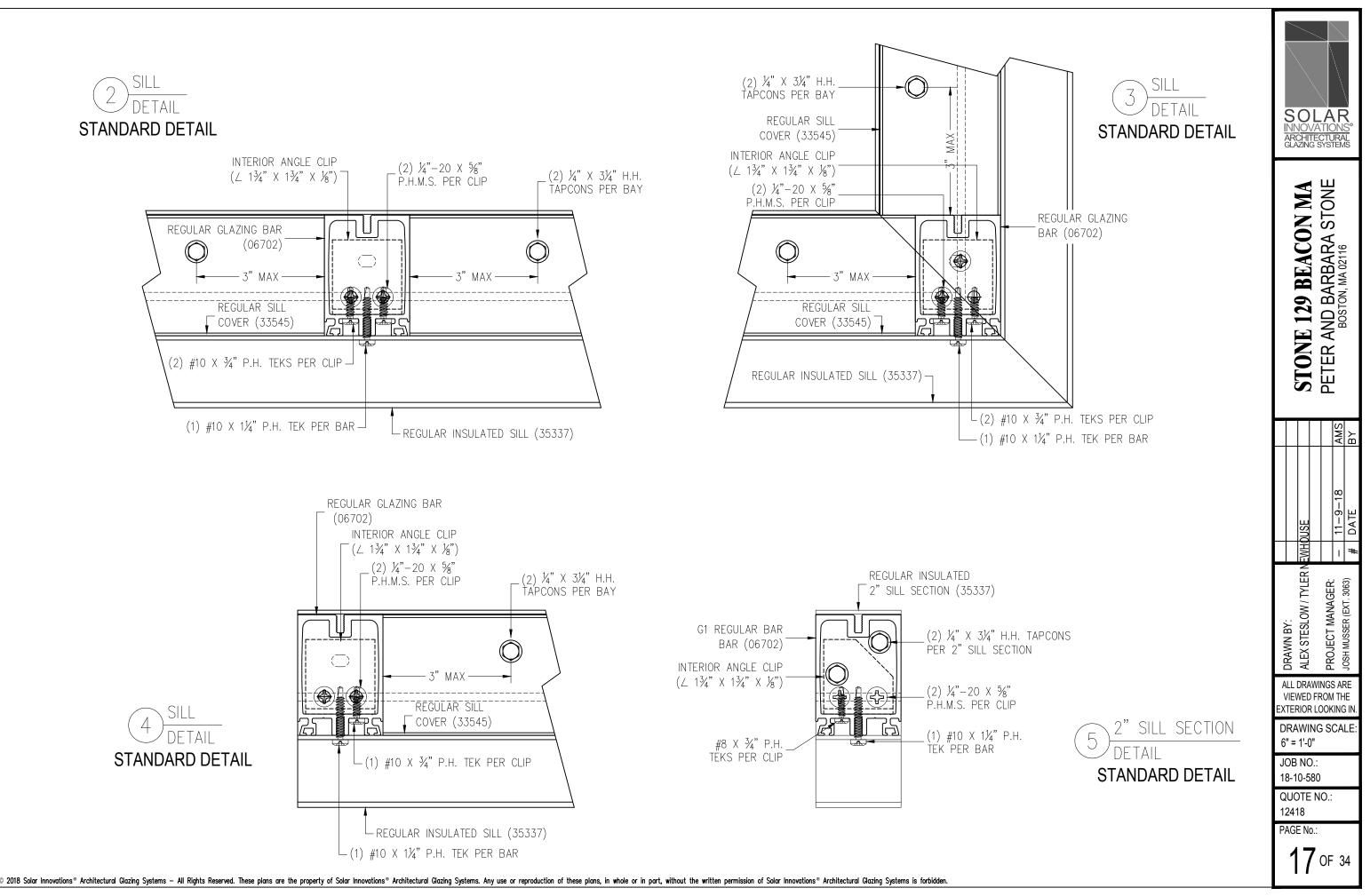
SECTION B

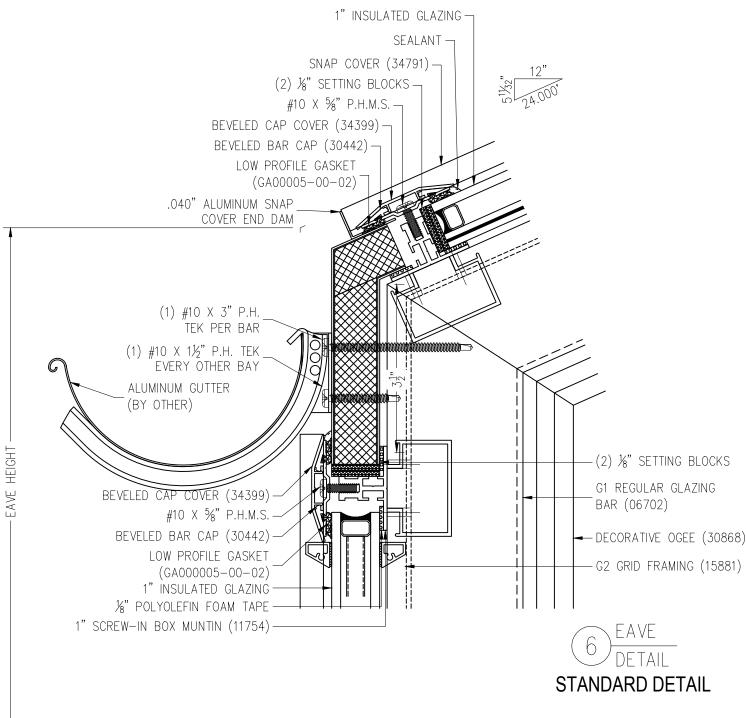


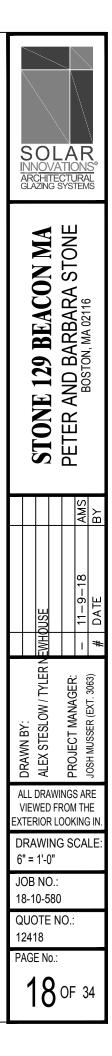


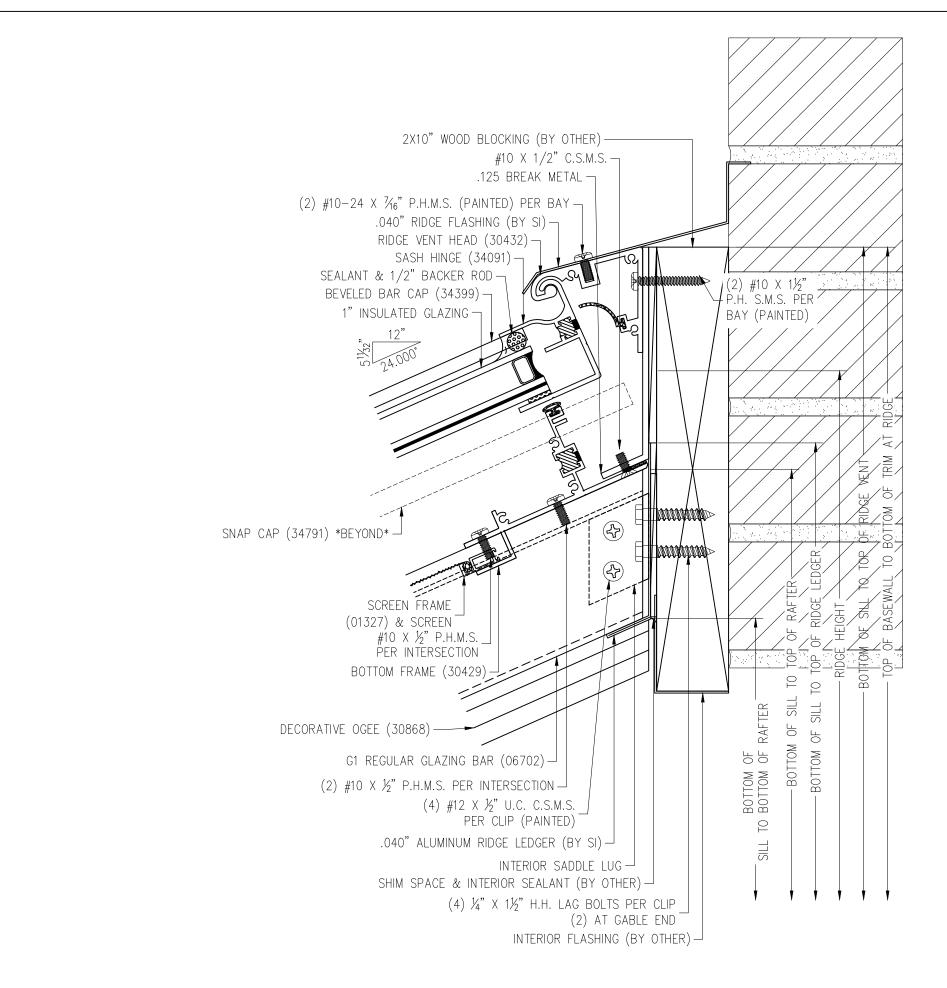
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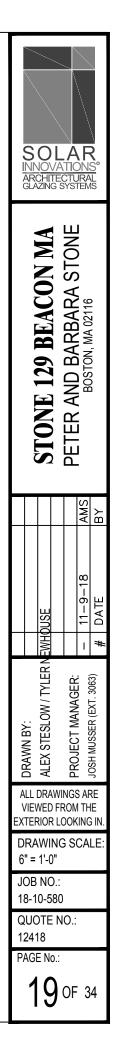


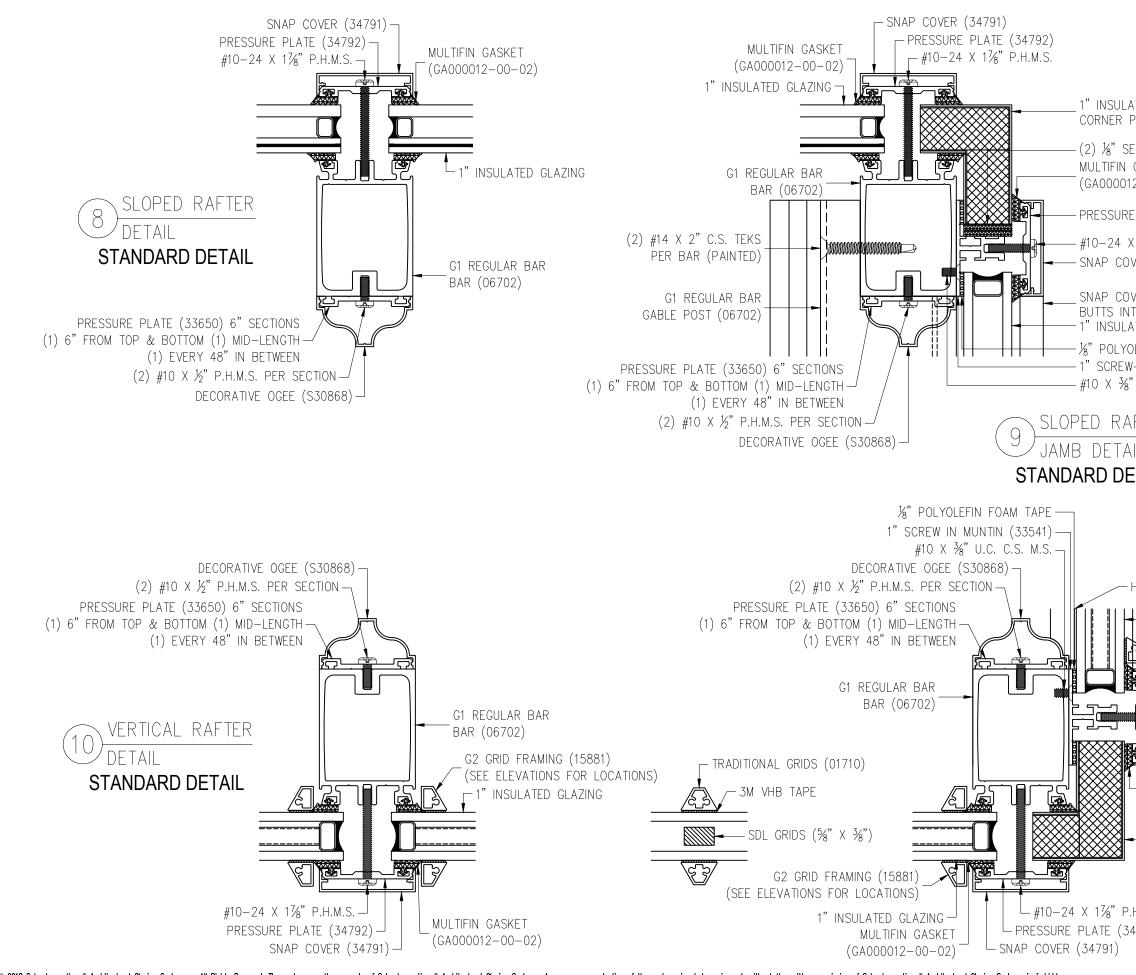






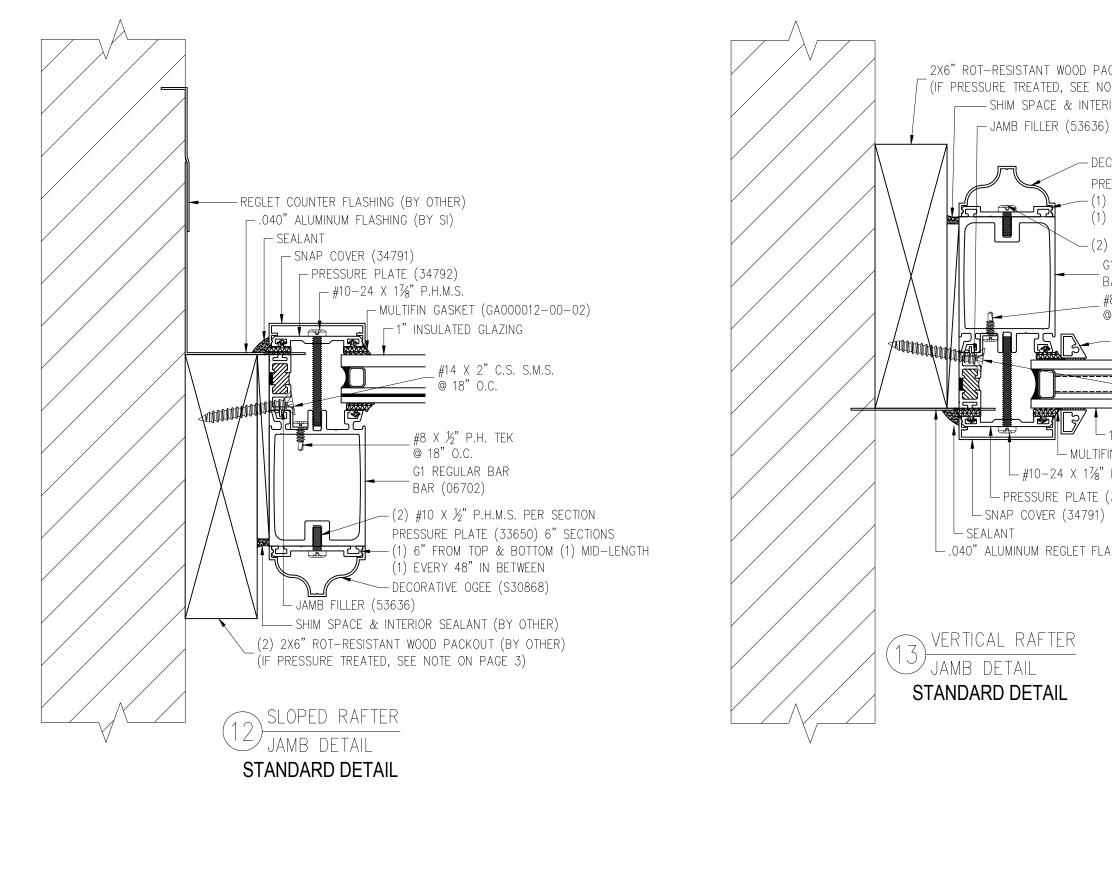






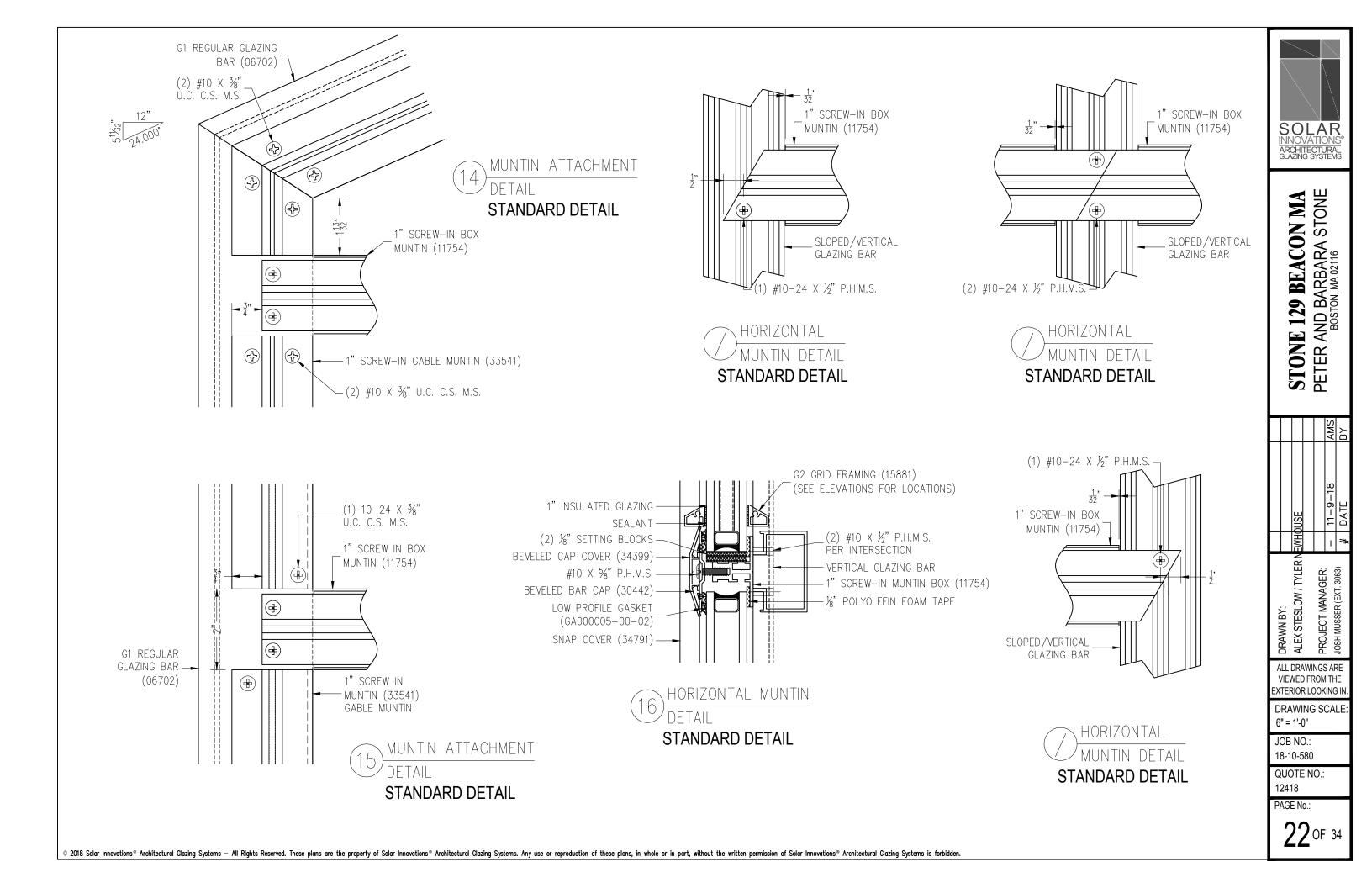
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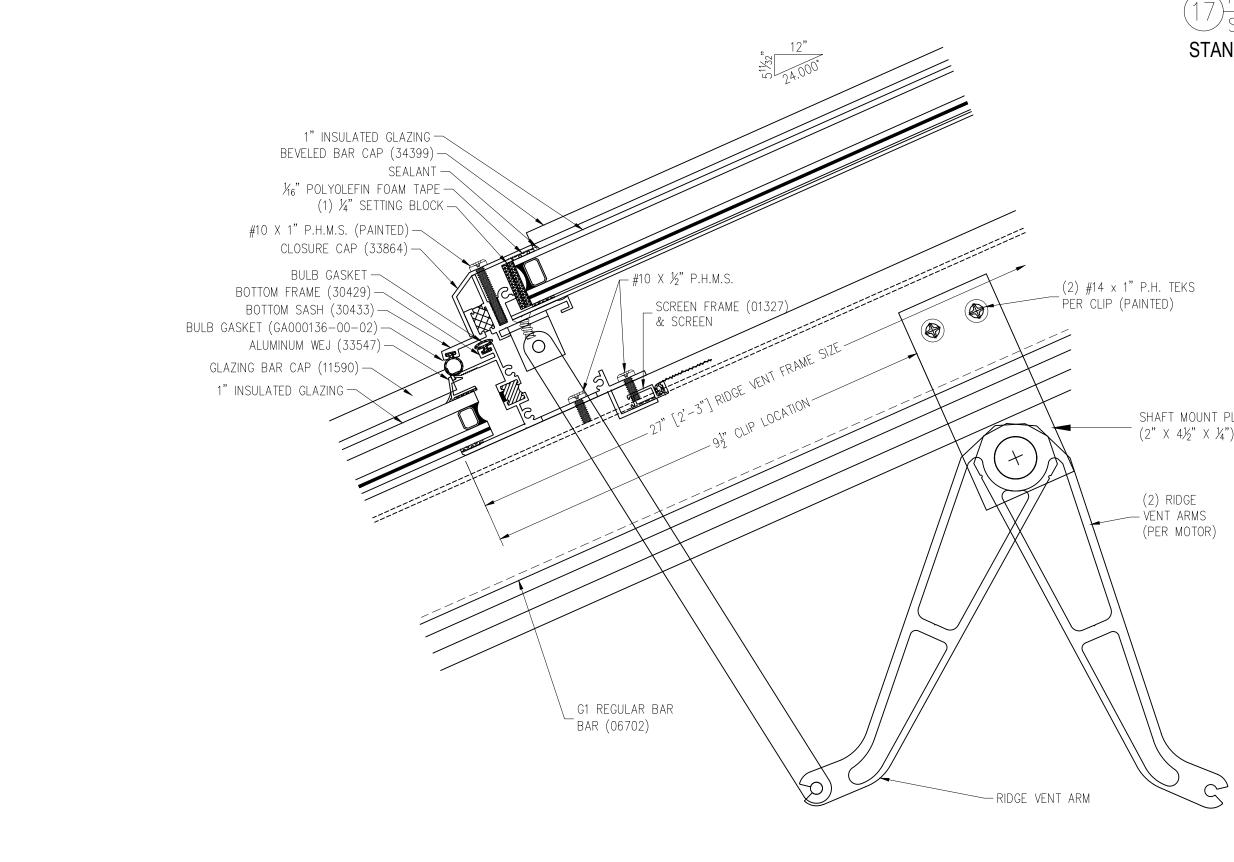
ULATED IR PANEL IN GASKET	SOLAR INNOVATIONS® ARCHITECTURAL GLAZING SYSTEMS
IN GASKET 0012-00-02) URE PLATE (34792) 4 X 7/8" P.H.M.S. COVER (34791) COVER (34791) INTO SLOPE CAPS. ULATED GLAZING LYOLEFIN FOAM TAPE REW-IN MUNTIN (33541) 3/8" U.C. C.S. M.S. RAFTER TAIL	STONE 129 BEACON MA PETER AND BARBARA STONE BOSTON, MA 02116
 HORIZONTAL GRID TO DIE INTO OGEE CAP. HORIZONTAL GRID TO DIE INTO OGEE CAP. 1" INSULATED GLAZING BEVELED CAP COVER (34399) HORIZONTAL CAP STOPS @ SIDE OF SNAP COVER SNAP COVER (34791) #10-24 X 7%" P.H.M.S. 	DRAWN BY: ALEX STESLOW / TYLER NEWHOUSE PROJECT MANAGER: JOSH MUSSER (EXT. 3063) H DATE BY
PRESSURE PLATE (34792) MULTIFIN GASKET (GA000012-00-02) 1" INSULATED CORNER PANEL VERTICAL RAFTER JAMB DETAIL STANDARD DETAIL STANDARD DETAIL	ALL DRAWINGS ARE VIEWED FROM THE EXTERIOR LOOKING IN. DRAWING SCALE: 6" = 1'-0" JOB NO.: 18-10-580 QUOTE NO.: 12418 PAGE No.: 20 OF 34



2X6" ROT-RESISTANT WOOD PACKOUT (BY OTHER) (IF PRESSURE TREATED, SEE NOTE ON PAGE 3) - DECORATIVE OGEE (S30868) PRESSURE PLATE (33650) 6" SECTIONS -(1) 6" FROM TOP & BOTTOM (1) MID-LENGTH (1) EVERY 48" IN BETWEEN -(2) #10 X ½" P.H.M.S. PER SECTION G1 REGULAR BAR BAR (06702) #8 X ½" P.H. TEK @ 18" 0.C. G2 GRID FRAMING (15881) (SEE ELEVATIONS FOR LOCATIONS) #14 X 2" C.S. S.M.S. ----- @ 18" O.C. 1" INSULATED GLAZING └ MULTIFIN GASKET (GA000012-00-02) └ #10-24 X 1½" P.H.M.S. PRESSURE PLATE (34792) └.040" ALUMINUM REGLET FLASHING (BY SI)

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				PETER AND BARBARA STONE	ROSTON MA 02116	
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		"YLER NEWHÔUSE		ËŖ	<u> </u>	³⁰⁶³⁾ # DATE
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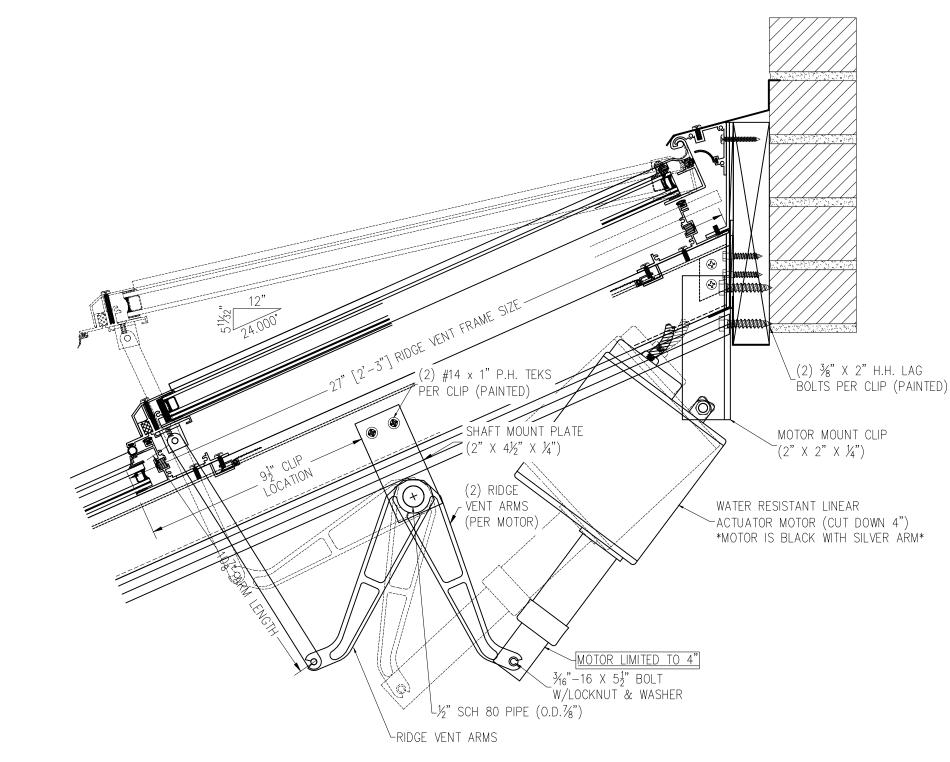


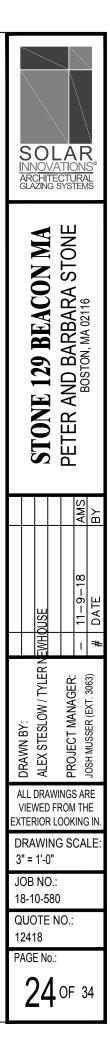




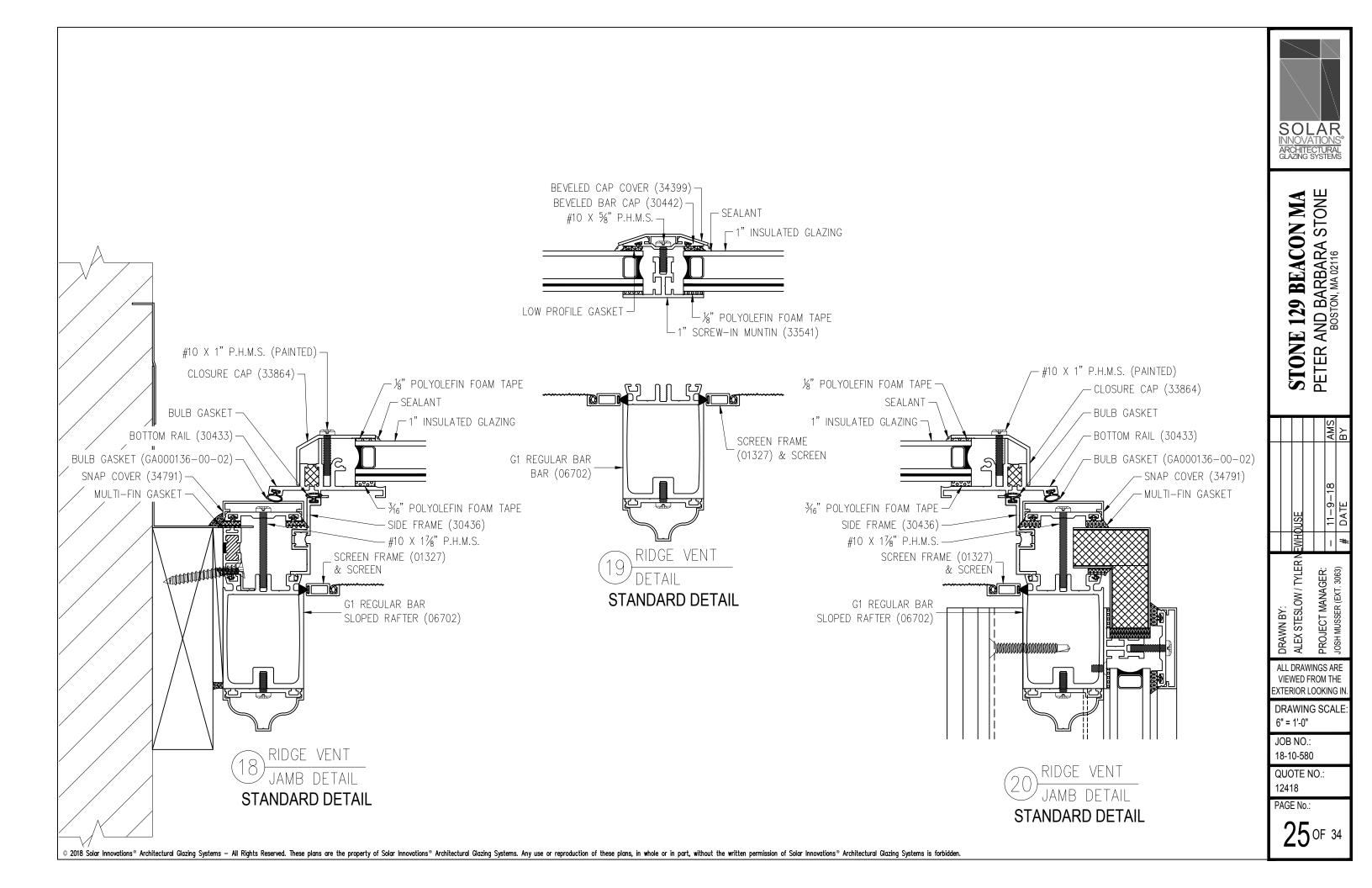
SHAFT MOUNT PLATE (2" X 4½" X ¼")

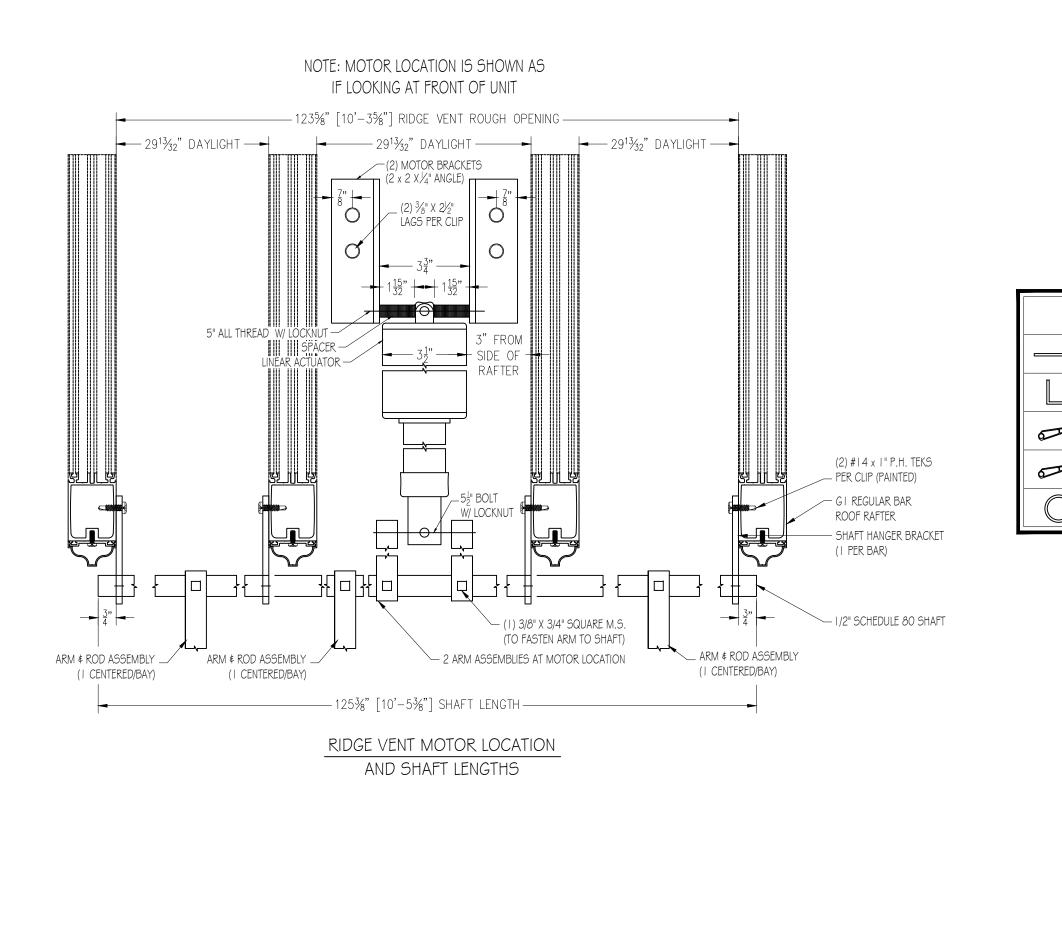
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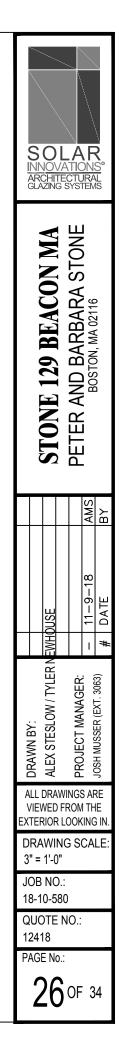
RIDGE VENT SECTION STANDARD DETAIL

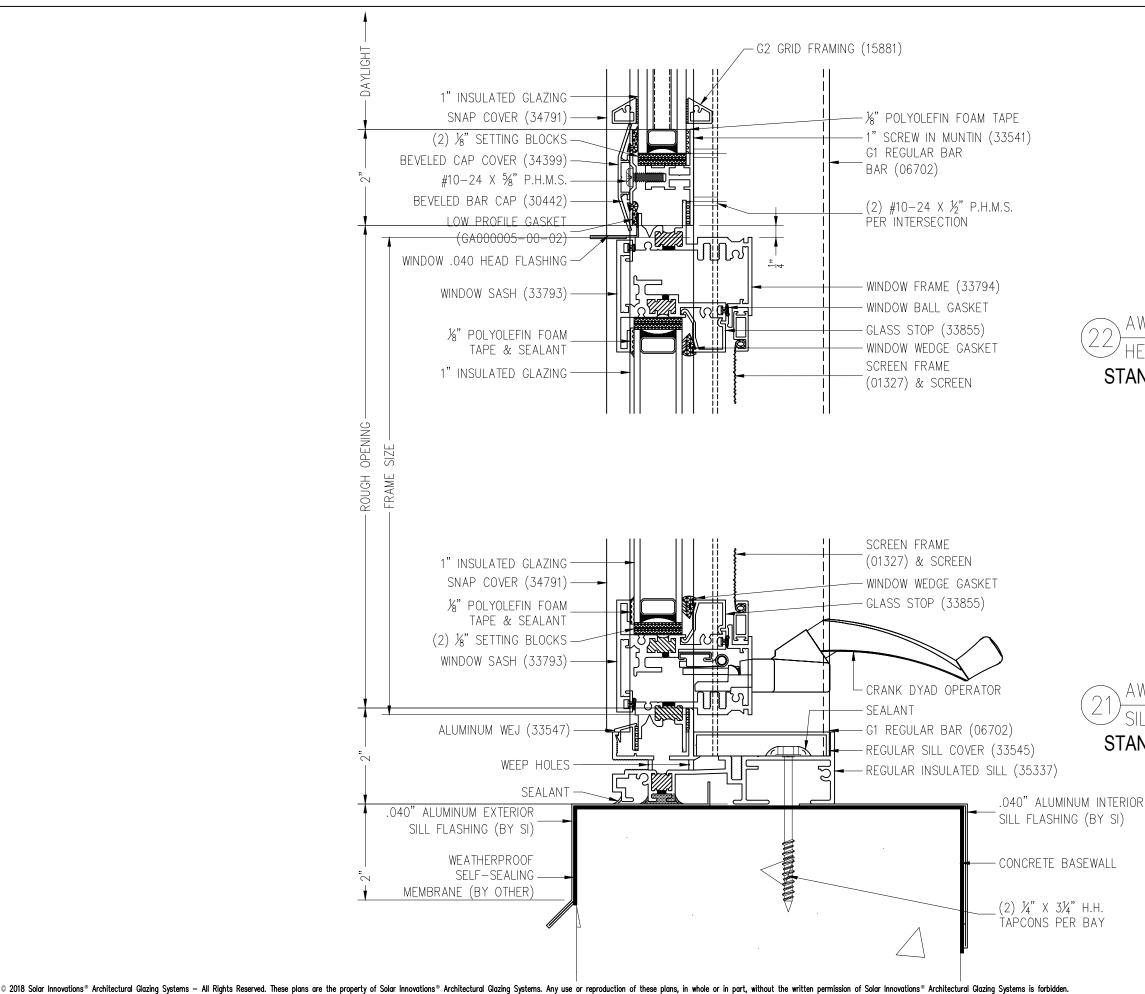




THREE (3) BAY RIDGE VENT (QTY:T)							
	ITEM	NOTES	QTY				
	SHAFT MTG. PLATE	2X4.5X.25	4				
_	MOTOR MOUNT CLIPS	2X2X.25	2				
	RIDGE VENT ARMS	SINGLE	3				
	ACTUATOR ARMS	SINGLE	2				
)	SHAFT	¹ / ₂ " SCH. 80	I				

THREE (3) BAY RIDGE VENT	(QTY:)
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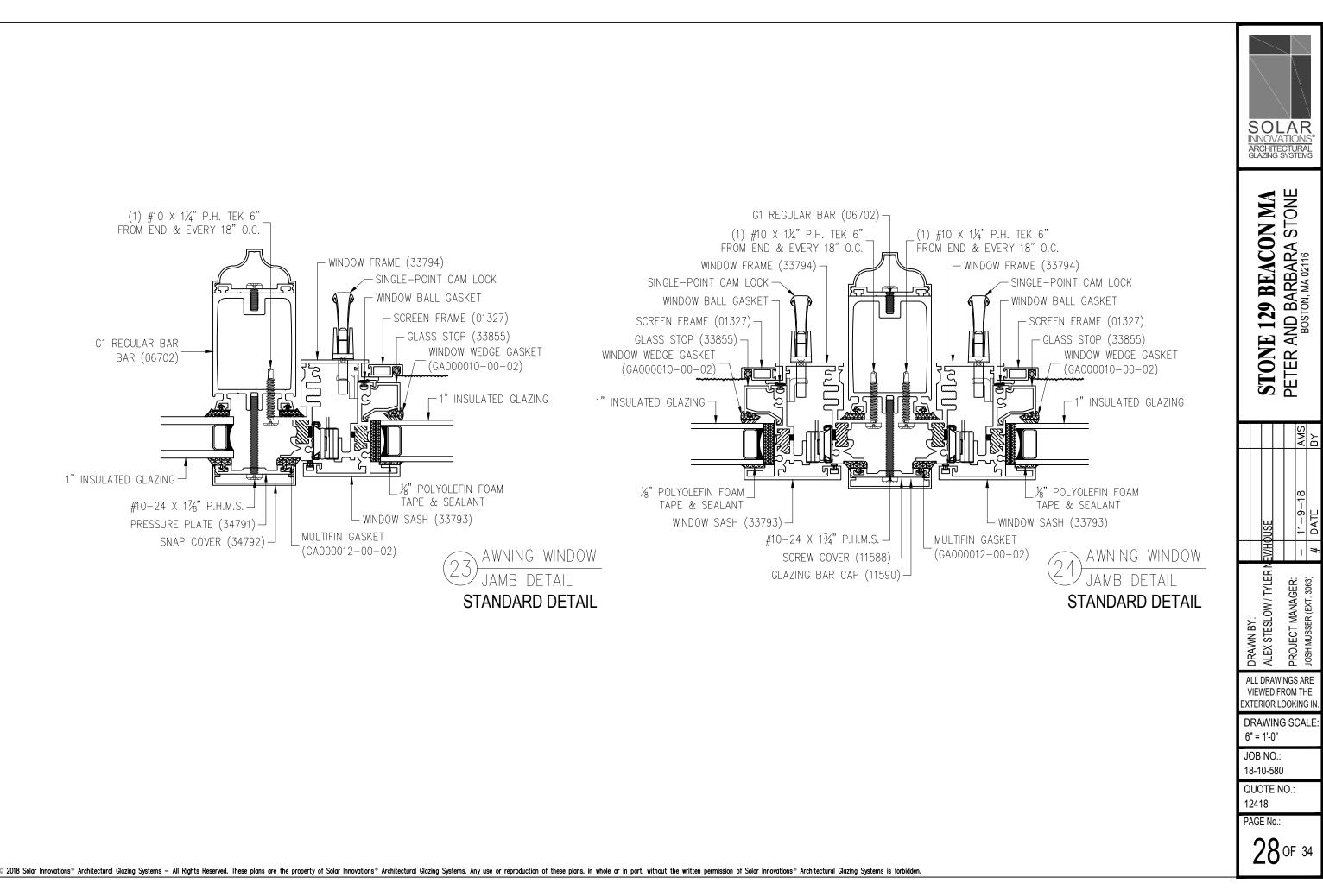


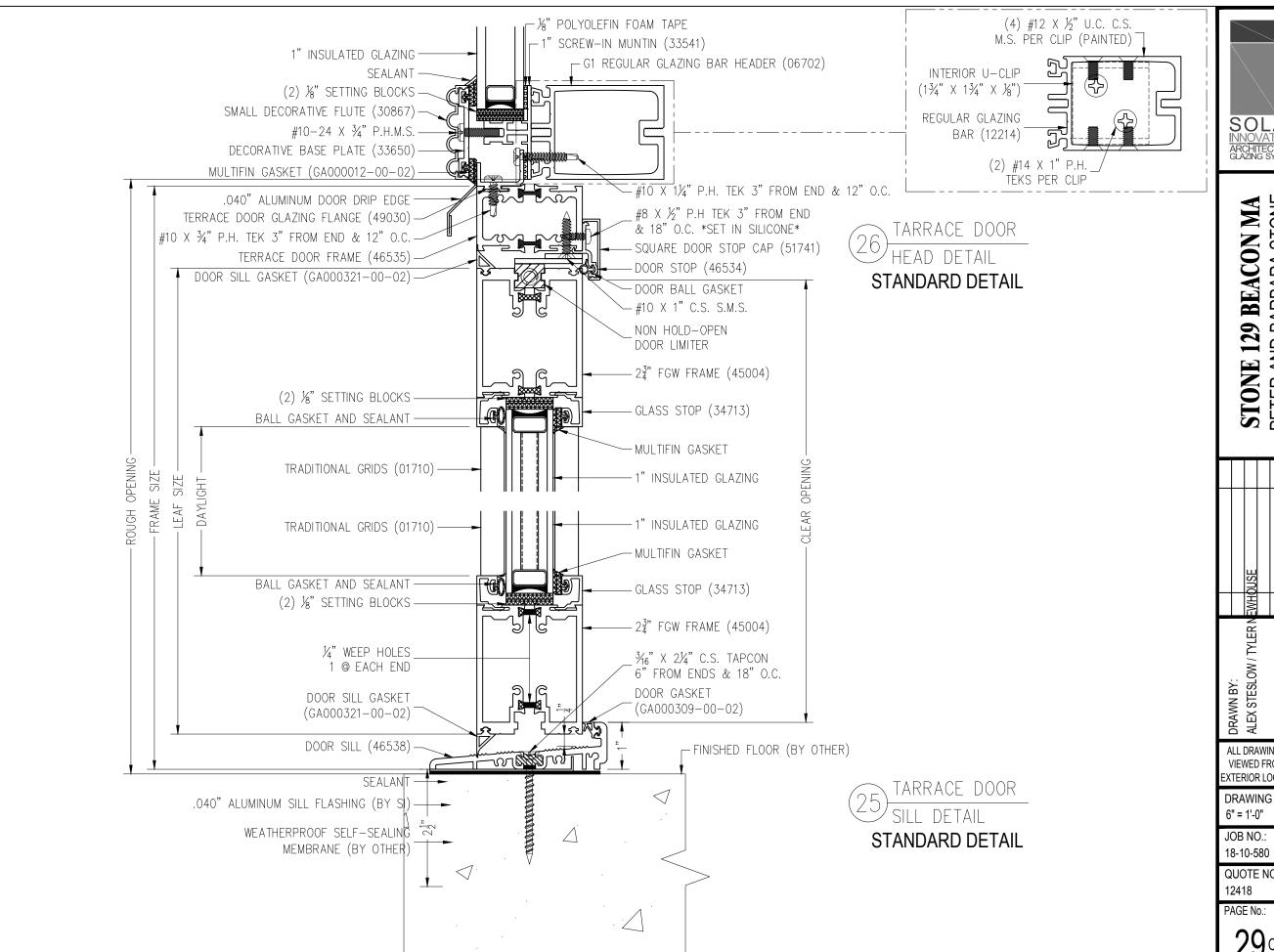


AWNING WINDOW HEAD DETAIL STANDARD DETAIL

AWNING WINDOW SILL DETAIL STANDARD DETAIL

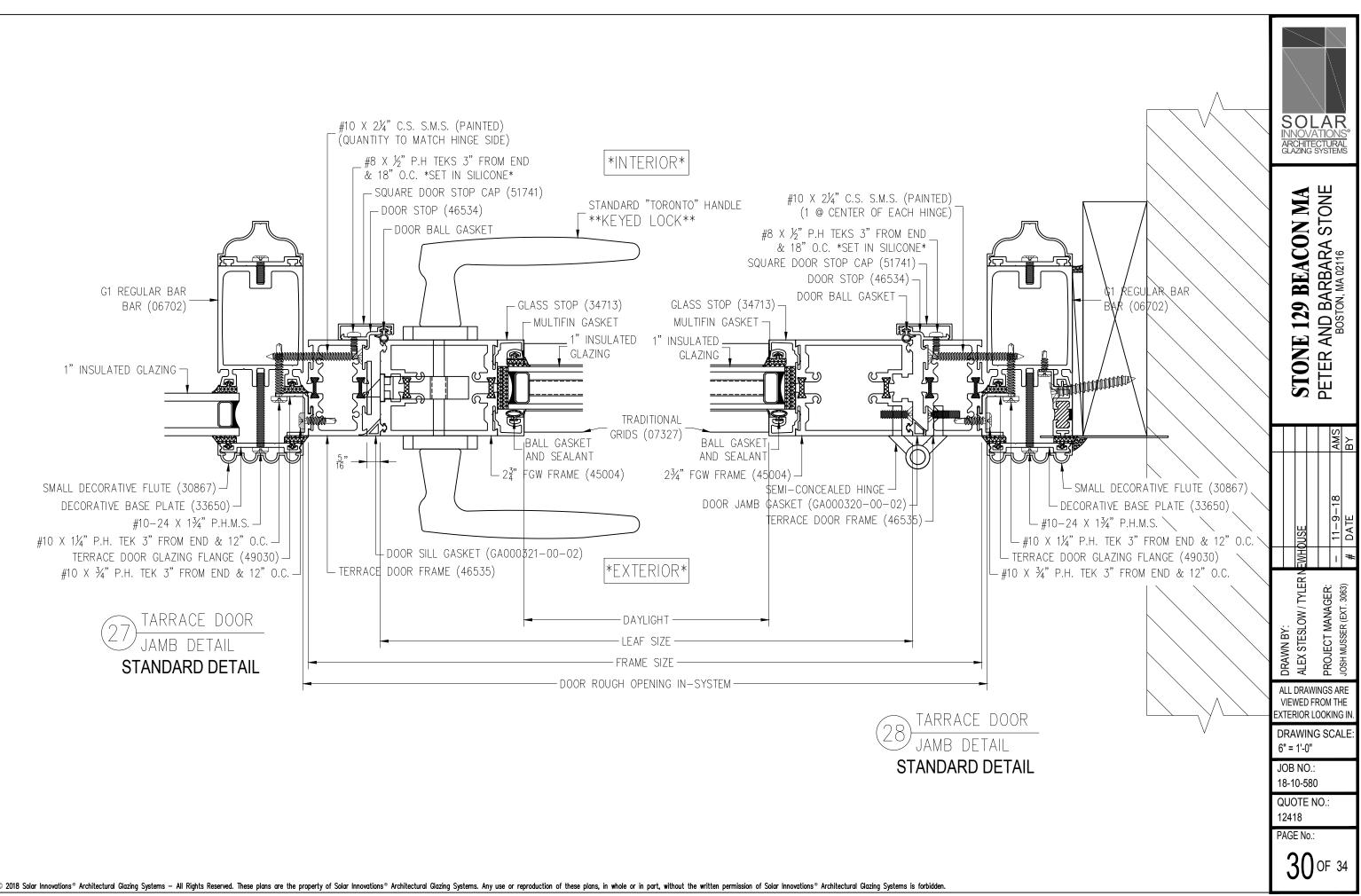
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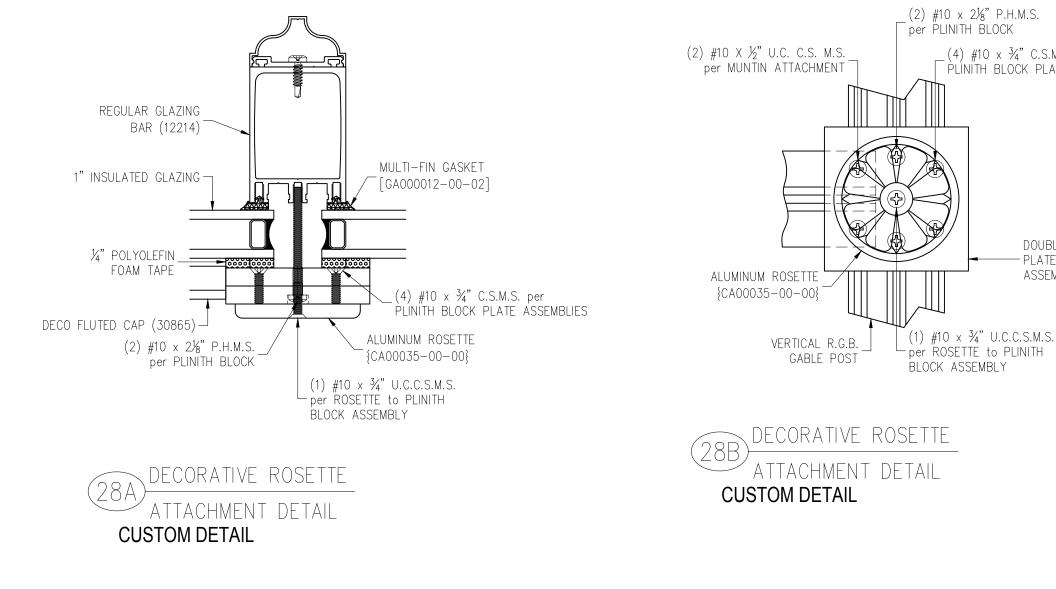




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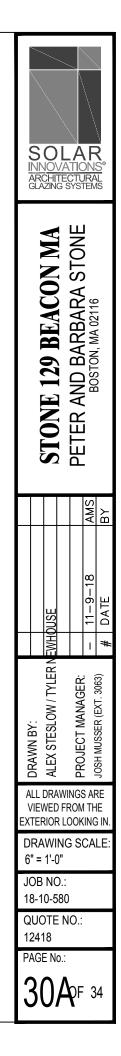


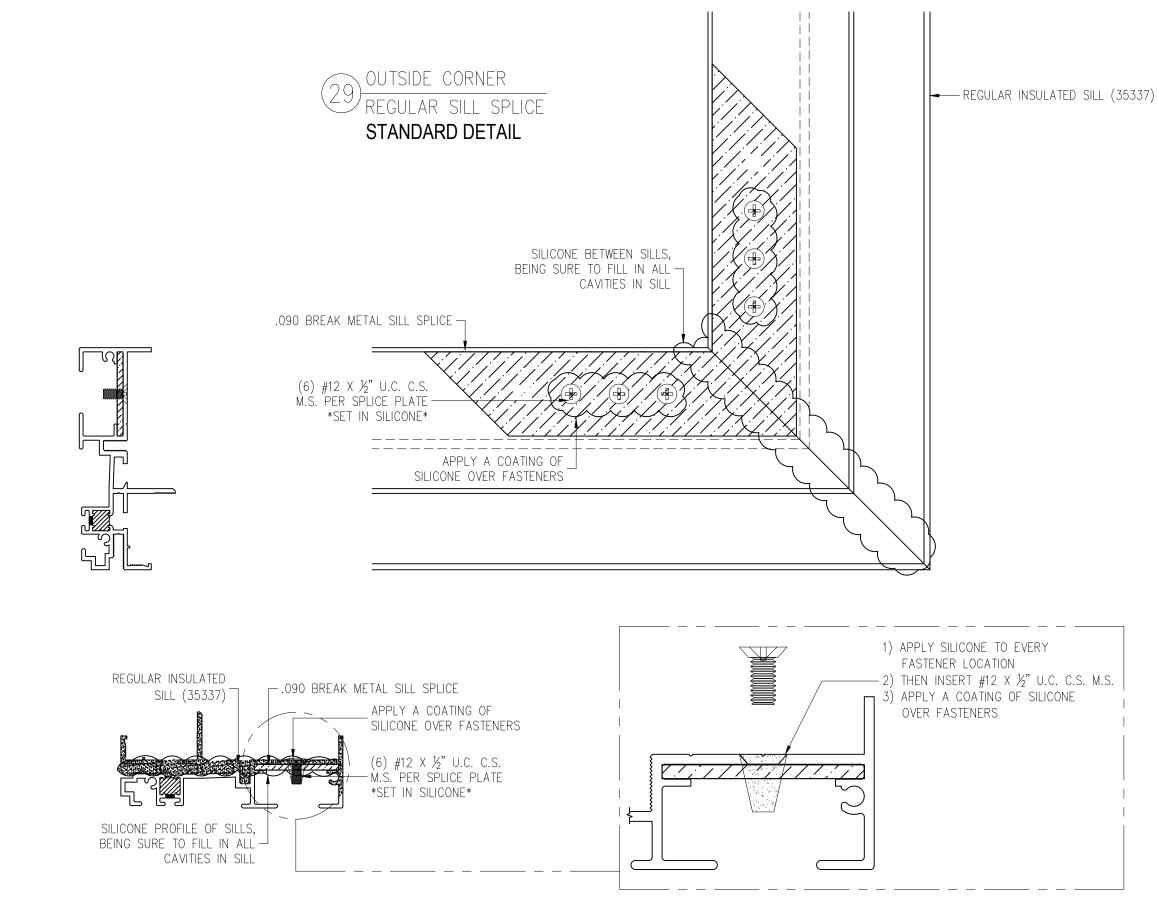


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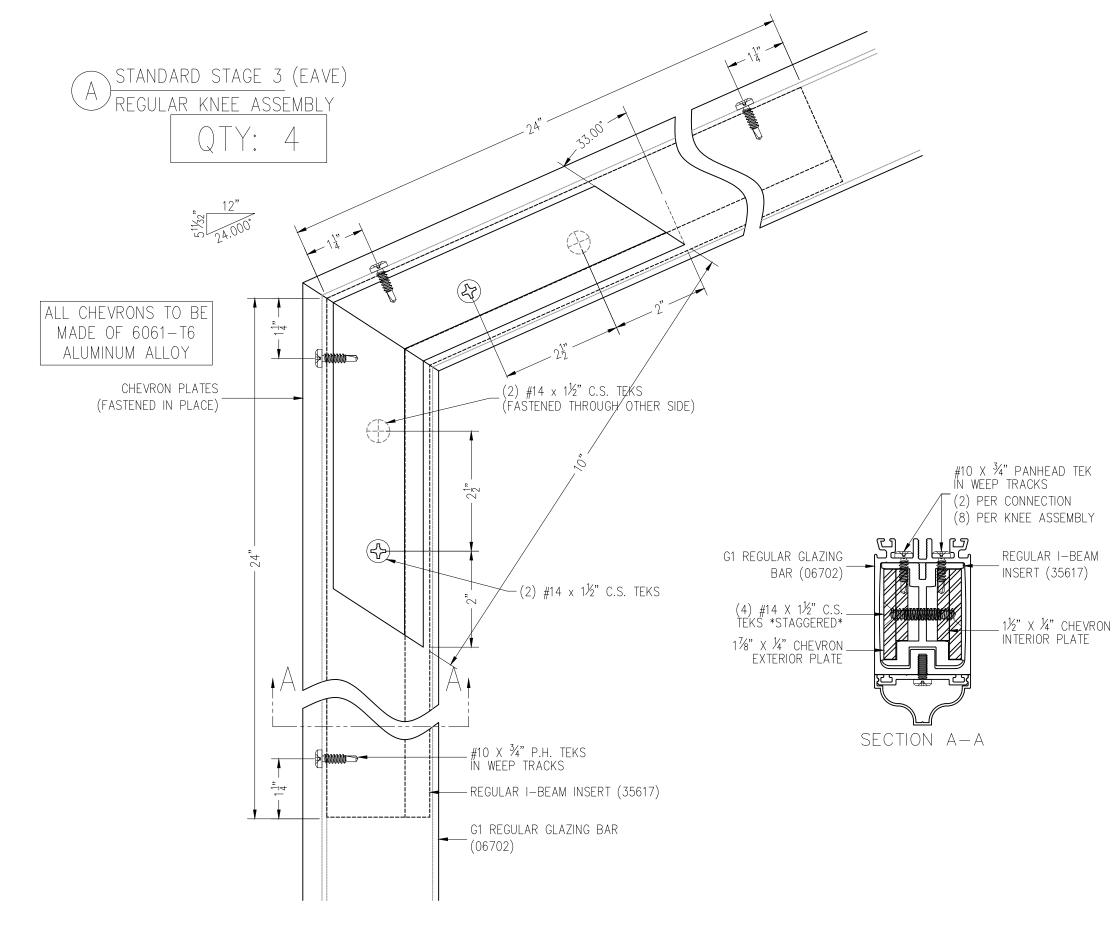
_(4) #10 x ¾" C.S.M.S. per PLINITH BLOCK PLATE ASSEMBLIES

DOUBLE ¾" ALUMINUM - PLATE PLINITH BLOCK ASSEMBLY





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		ZIONE ZU REACON NA		PETER AND BARBARA STONF	BOSTON MA 02116	
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	URAWN BY:	ALEX STESLOW / TYLER N		PROJECT MANAGER		JOSH MUSSEK (EXI. 3063)
ALL DRAWINGS ARE VIEWED FROM THE EXTERIOR LOOKING IN. DRAWING SCALE: 6" = 1'-0"						
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