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1. DUO-GARD ASSUMES THAT ALL SITE CONDITIONS ARE PER PROVIDED SPECIFICATION DRAWINGS UNLESS NOTED OTHERWISE.
2. FIELD MEASUREMENTS, IF REQUIRED, WILL BE TAKEN BY INSTALLING CONTRACTOR AND SUPPLIED TO DUO-GARD ON THIS FORM PRIOR TO FABRICATION OR MATERIALS WILL BE FIELD CUT.
3. PERIMETER MOUNTING FRAME AND/OR PURLINS (ALL BY OTHERS) MUST BE VALIDATED (BY OTHERS) TO PROPERLY RESIST THE LOADS IMPOSED BY THE CANOPY GLAZING SYSTEM.

1. INSTALLATION SHALL BE PERFORMED BY DUO-GARD OR BY A FULLY TRAINED INSTALLER AUTHORIZED BY DUO-GARD INDUSTRIES, INC.
2. ALL FRAMING WORK SHALL BE TRUE TO LINE, LEVEL, AND PLUMB PRIOR TO INSTALLATION OF GLAZING.
3. NO ITEMS MAY ATTACH OR BE SUSPENDED FROM DUO-GARD PRODUCTS.
4. UPON COMPLETION OF THE INSTALLATION, THE INSTALLER SHALL REMOVE ALL PACKAGING MATERIALS AND LEAVE WORK AND WORK AREAS CLEAN AND IN SATISFACTORY CONDITION.

1. ALL HARDWARE TO BE EITHER STAINLESS STEEL OR BI-METAL, ALL MILL FINISH, UNLESS NOTED OTHERWISE. SEE TABLE #4/SHEET 3 FOR SPECIFIC HARDWARE DETAILS FOR THE SERIES 2500 SYSTEM.
2. ALL EXPOSED FLASHINGS WILL MATCH THE EXTRUSION COLOR UNLESS NOTED OTHERWISE.
3. ALL ALUMINUM FRAMING EXTRUSIONS TO BE 6005-T5 ALLOY AND TEMPER.
4. ALL EXPOSED ALUMINUM FRAMING EXTRUSIONS TO BE FINISHED. SOME COMPONENTS, SUCH AS BATTEN CLIPS AND SPLICE KEYS, WILL BE MILL FINISH.
5. A SEPARATOR BETWEEN DUO-GARD GLAZING COMPONENTS AND FRAMING (BY OTHERS) IS NOT INCLUDED, BUT MAY BE PROVIDED AT AN ADDITIONAL COST.

TYP. = TYPICAL	T.B.D. = TO BE DETERMINED
O.C. = ON CENTER	PCSS = POLYCARBONATE STRUCTURED SHEET
CL = CENTERLINE	U.N.O. = UNLESS NOTED OTHERWISE
DIM(S) = DIMENSION(S)	REQ'D = REQUIRED



	DATE	ENG.	REV. PHASE/NOTES	PROJECT NAME			
REV. 1							
REV. 2				PROJECT NUMBER	DESCRIPTION (SHEET NAME):		REV.
REV. 3				Title Sheet			
REV. 4				PRJT. ENG.	DRW'G. DATE	TYPE CANOPY	DO NOT SCALE DRAWING
REV. 5				CHECKED	CHK. DATE	DETAILS SERIES 2500	ALL UNITS IN INCHES U.N.O.
REV. 6				PRJT. MGR.	PRJT. PHASE		SHEET 01 OF

TEST STANDARD	TEST DESCRIPTION	RESULTS
FLAMMABILITY		
ASTM D1929	IGNITION TEMPERATURE	896 DEGREES FAHRENHEIT
ASTM D2843	DENSITY OF SMOKE	71%
ASTM D635	BURN EXTENT	CC1 RATING: LESS THAN 1" BURN EXTENT
ASTM E84	FLAME SPREAD	CLASS A: 10
	SMOKE DEVELOPED	CLASS A: 20
WEATHERING		
ASTM E308	COLOR CHANGE	4,500 HOURS OF EXPOSURE
ASTM E313	YELLOWNESS	4,500 HOURS OF EXPOSURE

PROJECT NAME:		
LOCATION:		
DGI PROJECT #:		
REQUESTER:		
INSTALLER:	DUO-GARD	OTHERS
PCSS TYPE: 20mm BATTEN PCSS		
PCSS COLOR:		
EXTRUSION FINISH:		
DESIGN STANDARD:		
BUILDING CODE:		
WIND LOADS		
WIND SPEED (m.p.h.):		
EXPOSURE FACTOR:		
IMPORTANCE FACTOR:		
ROOF LIVE		
MIN. ROOF LIVE LOAD (p.s.f.):		
ROOF SNOW		
GROUND SNOW LOAD (p.s.f.):		
IMPORTANCE FACTOR I:		
EXPOSURE FACTOR Ce:		
TEMPERATURE FACTOR Ct:		
SPEC PROVIDED?	YES	NO
DRAWINGS PROVIDED?	YES	NO
DRAWINGS:		

SHEET 1: Title Sheet

SHEET 2: General Information

SHEET 3: Installation Guidelines

SHEET 4: Overall Layout

SHEET 5: Section Details 1

SHEET 6: Section Details 2

SHEET 7: Section Details 3

SHEET 8: Glazing Details 1

SHEET 9: Glazing Details 2

APPROVED
APPROVED AS NOTED
CORRECT AND RESUBMIT
SIGNATURE: _____
SIGNER (PLEASE PRINT): _____
DATE: ____ / ____ / ____

TABLE #3 - PURLIN SPACING & GENERAL REQUIREMENTS

MAX. PURLIN SPACING IS: _____" O.C.		DOWNWARD DESIGN LOAD (p.s.f.)								
		20	30	40	50	60	70	80	100	120
WIND SPEED (m.p.h.)	WIND UPLIFT (p.s.f.)	PURLIN SPACING (inches)								
115	44	52	48	44	42	40	38	36	34	34
120	48	52	48	44	42	40	38	36	34	34
125	52	52	48	44	42	40	38	36	34	34
130	56	48	48	44	42	40	38	36	34	34
135	61	46	46	44	42	40	38	36	34	34
140	65	42	42	42	42	40	38	36	34	34
150	75	36	36	36	36	36	36	36	34	34
160	85	32	32	32	32	32	32	32	32	32

- DESIGN STANDARD: ASCE 7-10 ALLOWABLE STRESS DESIGN
- PURLIN SPACING IS LIMITED TO A PANEL DEFLECTION OF 2.5" & THE PANEL UPLIFT CAPACITY
- FOR DOWNWARD DESIGN LOADS, USE APPROPRIATE LOAD COMBINATIONS TO DETERMINE WORST CASE
- DESIGN WIND LOAD CRITERIA: EXPOSURE C, COMPONENTS & CLADDING, OPEN STRUCTURE, ELEVATION Z < 25', PITCHED FREE ROOF, ROOF ANGLE ASSUMED 9.84° (2:12 SLOPE), EFFECTIVE WIND AREA ≤ a² (SMALL AREA)
- PANEL SUPPORT CLIP: "20 BTC" CLIP (ALUMINUM, 6005-T5) CONNECTION WITH (2) STANDARD FASTENERS
- CLIP CONNECTION SCREWS PULLOUT STRENGTH CONTROLLED BY PURLIN WALL THICKNESS/MATERIAL
- WIND LOADS ARE AT SERVICE LEVEL

SHIM, SEPARATOR, AND SEALANT DETAILS

SEALANT (REF. C/9 & D/9)

INSTALLER MUST USE NPC SOLAR SEAL #900 ADHESIVE/SEALANT IN ALL APPLICATIONS UNLESS PROVIDED WRITTEN PERMISSION TO DO OTHERWISE BY DUO-GARD INDUSTRIES. COLOR TO MATCH ALUMINUM EXTRUSIONS WILL BE SELECTED BY DGI FROM STANDARD COLOR CHART.

NOTE: SOME AREAS REQUIRE CLEAR SEALANT (SEE D/9)

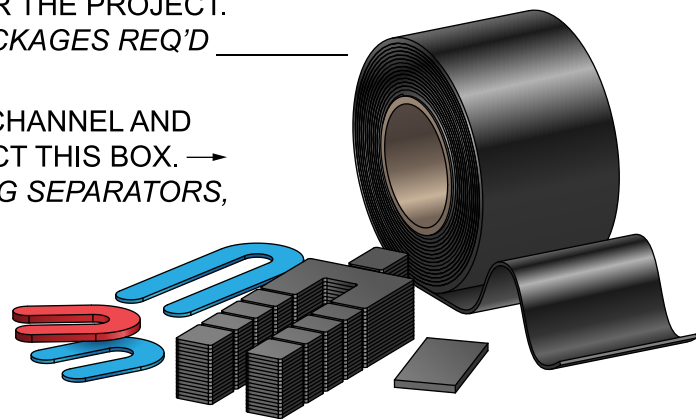
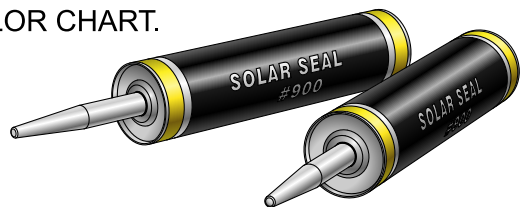
SEALANT COLOR: _____
(TO MATCH EXTRUSIONS)

SHIMS

SHIMS MAY BE PROVIDED IN PACKAGES BASED ON LINEAR FOOTAGE OF BASE CHANNEL FOR THE PROJECT.
NUMBER OF STANDARD SHIM PACKAGES REQ'D _____

SEPARATORS

IF SEPARATION BETWEEN BASE CHANNEL AND STRUCTURE IS REQUIRED, SELECT THIS BOX. →
NOTE: IF DUO-GARD IS PROVIDING SEPARATORS, ADDITIONAL FEES MAY APPLY.



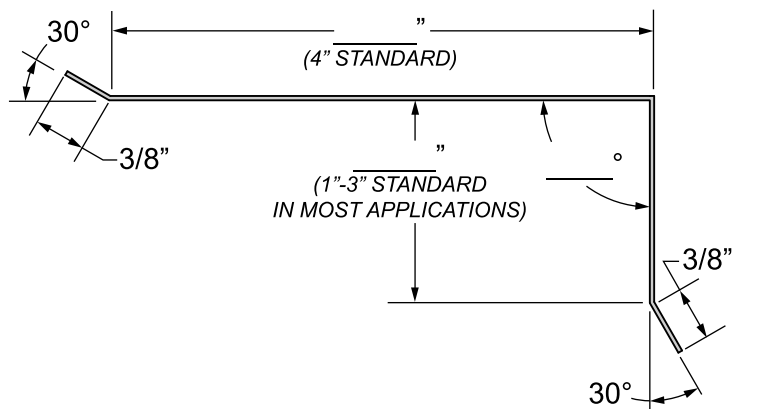
NOTE: SHIM DETAILS MAY VARY PER PROJECT



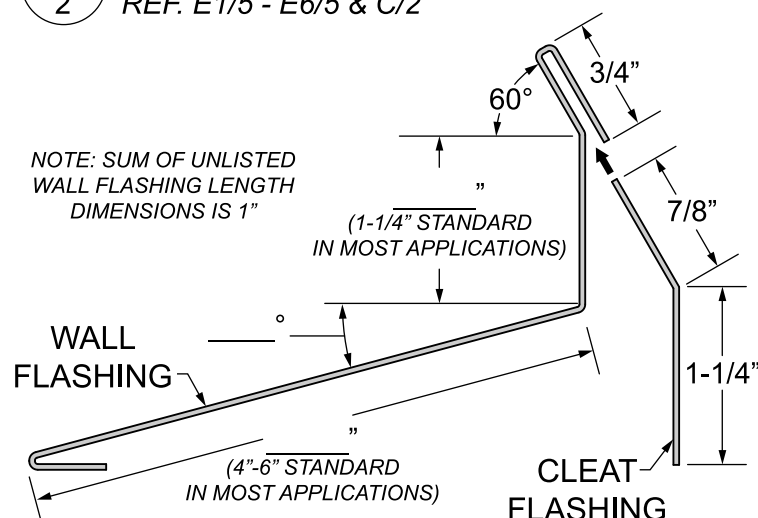
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SERIES 2500 | STANDARD DRAWINGS



A STANDARD EAVE FLASHING PROFILE
2 REF. E1/5 - E6/5 & C/2



B STANDARD WALL FLASHING PROFILES
2 REF. E1/5 - E6/5 & C/2

WALL FLASHING NOTES - REF. DETAILS B/2 & C/2

- STANDARD WALL (AND CLEAT) FLASHING MAY BE REQUIRED FOR SOME PROJECTS DEPENDING ON JOB SPECIFIC CRITERIA. REFERENCE ALL COLUMNS LABELED "F" IN TABLE #6 (SHEET 4) FOR ALL AREAS THAT REQUIRE FLASHING.
- CONTINUOUS SEALANT MUST BE APPLIED BY THE INSTALLER ALONG MOUNTING SURFACE.
- REFERENCE DETAIL C/2 (ON RIGHT) FOR EXAMPLES OF TYPICAL INSTALLATION.

FLASHING NOTES - REF. DETAILS A/2 & B/2

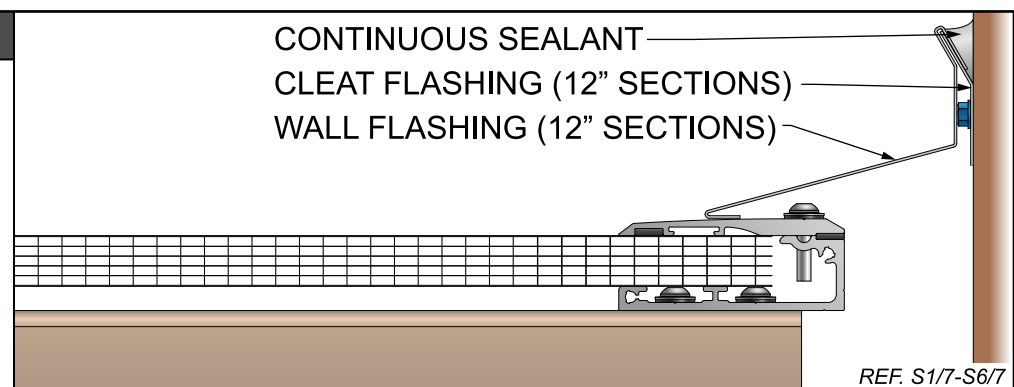
- FILL IN ALL DIMENSIONS SHOWN IN DETAILS A/2 & B/2 (LEFT).
- IF SUM OF DIMENSIONS FOR ANY OF THE FLASHINGS EXCEEDS 12", ADDITIONAL FEES MAY APPLY.
- FLASHING TO BE .040" THICK, 3003 ALLOY, FINISHED TO MATCH.
- EAVE FLASHING TO BE SENT IN 120" STOCK LENGTHS. WALL & CLEAT FLASHING TO BE SENT IN 12" STOCK LENGTHS AND SEGMENTED ALONG THE CURVE. FLASHING TO BE FIELD CUT FOR EXACT FIT BY THE INSTALLER AND OVERLAPPED AS REQUIRED.
- DUO-GARD IS NOT RESPONSIBLE FOR VALIDATING SIZES OF FLASHING PROVIDED ON THIS DRAWING.

A TOTAL NUMBER OF _____ STOCK LENGTH PIECES OF EAVE FLASHING ARE REQUIRED FOR THIS PROJECT

A TOTAL NUMBER OF _____ STOCK LENGTH PIECES OF WALL & CLEAT FLASHING ARE REQUIRED FOR THIS PROJECT

SELECT THE REQUIRED MOUNTING FASTENER BELOW:

APPROVED BY DUO-GARD: →
REJECTED/RESUBMIT: →
EXPLANATION IF REJECTED BY DGI:



C STANDARD WALL FLASHING PROFILES
2 REF. S1/7-S6/7 FOR DETAILS ALONG CURVED SECTIONS

A

A

RECOMMENDED TOOLS FOR INSTALLATION:

1. POWER MITER SAW
 - NEGATIVE 6 DEGREE CARBIDE TIP NON-FERROUS METAL CUTTING BLADE FOR ALUMINUM CHANNEL CUTTING
2. DRILL MOTOR
 - 3/8" DRILL BIT FOR WEEP HOLES
 - 1/4" DRILL BIT FOR MOUNTING HOLES
3. SCREW GUN
 - 5/16" HEX BIT
 - 1/4" BIT FOR LAG SCREWS IF REQUIRED
 - T25 TORX BIT FOR TORX SCREWS
4. CIRCULAR SAW (MIN 7-1/4")
 - FINE TOOTH PLYWOOD CUTTING BLADE FOR POLYCARBONATE PANELS
5. CAULK GUN
6. AIR COMPRESSOR WITH BLOW GUN
7. UTILITY KNIFE
8. SEALANT BY SOLAR SEAL®

SHIM MATERIAL:

- ALUMINUM
- EPDM OR HEAVY DUROMETER RUBBER
- PLASTIC
- WOOD (ONLY IF PERMITTED BY CODE)

IF ANY QUESTIONS OCCUR DURING THE REVIEW OF THESE INSTALLATION DOCUMENTS, OR DURING CONSTRUCTION, NOTIFY DUO-GARD IMMEDIATELY.

DO NOT DEVIATE FROM INSTALLATION DOCUMENTS

MATERIAL DELIVERY, UNLOADING, AND STORAGE:

- MATERIAL IS TYPICALLY DELIVERED IN CUSTOM BUILT OPEN FRAMED WOOD CRATES. LENGTH WILL VARY BUT TYPICAL CRATE IS 12' TO 20' LONG
- A FORKLIFT IS RECOMMENDED FOR UNLOADING/OFF LOADING
- ALUMINUM SHOULD BE STORED IN A SECURE LOCATION
- POLYCARBONATE SHALL BE TARPED TO PROTECT FROM CONSTRUCTION DEBRIS AND DUST
- DO NOT STORE POLYCARBONATE IN DIRECT HEAT OR SUNLIGHT
- REMOVE PLASTIC FILM FROM POLYCARBONATE SURFACES PRIOR TO INSTALLATION
- VERIFY UV RATED SIDE OF POLYCARBONATE FACES OUT TOWARD THE SUN

TIPS:

- AFTER DRILLING, REMOVE SHAVINGS FROM BASE CHANNEL
- STAGGER OR OVERLAP LENGTHS (BASE, CAP) TO AVOID STACKING ON JOINTS
- DO NOT CAULK OVER OR BLOCK WEEP HOLES

STEEL STRUCTURE PREP:

- IF BUILDING STRUCTURE IS COMPOSED OF STEEL 1/4" THICK OR GREATER, INSTALLER MUST PRE-DRILL W/#11 DRILL BIT FOR ALL FASTENER LOCATIONS.
TIP: UTILIZE PRE-PUNCHED HOLES IN ALUMINUM EXTRUSION AS A GUIDE.

REUSE:

- SALVAGE ALL CUT OFF ALUMINUM EXTRUSION LENGTHS (BASE CHANNEL, CAP, ETC.) FOR POSSIBLE INSTALLATION ELSEWHERE

NORMAL MAINTENANCE:

- DO NOT USE AMMONIA BASED CLEANING PRODUCTS ON ANY POLYCARBONATE SURFACE
- WASH WITH A MILD SOAP OR DETERGENT
- USE A SPONGE OR SOFT CLOTH
- RINSE WITH CLEAN WATER

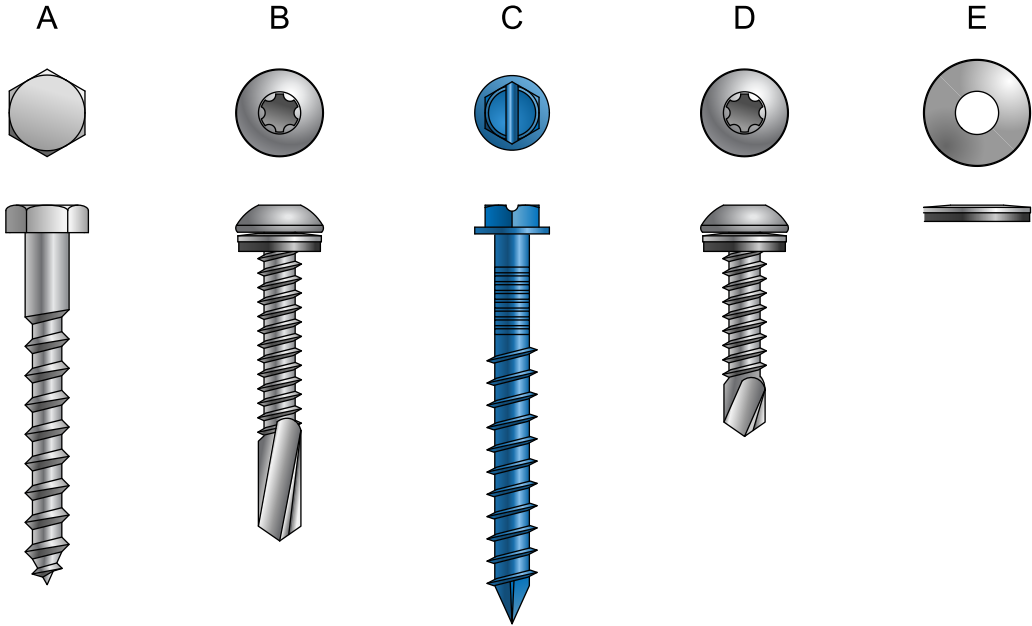


TABLE #4 - SERIES 2500 STANDARD HARDWARE DETAILS

ITEM #	DESCRIPTION	FINISH	SUBSTRATE MATERIAL
A	1/4" x 2" LAG SCREW (S/S)	MILL	WOOD
B	#12 x 1-1/2" TORX TEK 5 SCREW WITH NEO. WASHER (BI-METAL)	MILL	METAL
C	1/4" x 2-1/4" HWH TAPCON SCREW	BLUE	CONCRETE/C.M.U. GROUT FILLED
D	#12 x 1" TORX TEK 3 SCREW WITH NEOPRENE WASHER (BI-METAL)	MILL	ALUMINUM
E	1/4" I.D. NEOPRENE WASHER (S/S)	MILL	

TABLE #5 - HARDWARE APPLICATION DETAILS

ITEM #	STANDARD APPLICATION FOR HARDWARE
A	ATTACHES BASE CHANNEL/BATTEN CLIP TO WOOD SUBSTRATE
B	ATTACHES BASE CHANNEL/BATTEN CLIP TO METAL SUBSTRATE (SCREWS FOR BATTEN CLIPS WILL NOT HAVE WASHERS)
C	ATTACHES FLASHING TO CONCRETE/C.M.U.* SUBSTRATE
D	ATTACHES EDGE CAP TO BASE CHANNEL
E	REQUIRED FOR ALL BASE CHANNEL MOUNTING FASTENERS. TORX SCREWS HAVE PRE-INSTALLED WASHERS

*NOTE: C.M.U. MUST BE GROUT FILLED



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REV.	DATE	ENG.	REV. PHASE/NOTES	PROJECT NAME			
REV. 1				PROJECT NUMBER	DESCRIPTION (SHEET NAME):		REV.
REV. 2							
REV. 3							
REV. 4				PRJT. ENG.	DRW'G. DATE	TYPE CANOPY	DO NOT SCALE DRAWING
REV. 5				CHECKED	CHK. DATE	DETAILS SERIES 2500	ALL UNITS IN INCHES U.N.O.
REV. 6				PRJT. MGR.	PRJT. PHASE		SHEET 03 OF

TABLE #6 - GLAZING SCHEDULE

UNIT	QTY.	ARCH. REF. DETAIL	RADIUS AT TOP OF PURLINS	STRUCTURE MAX. WIDTH (DIM. "W")	STRUCTURE MAX. LENGTH (DIM. "L")	MAX. PURLIN SPACING (O.C.) (DIM. "S")	# OF PURLIN ROWS	PURLIN DESCRIPTION SEE PURLIN GUIDE (BELOW/LEFT)	PURLIN MATERIAL	SECTION DETAILS - SEE NOTE BELOW										
										SIDE "A"		SIDE "B"			SIDE "C"			SIDE "D"		CLIP
										DETAIL	DIM. "O"	DETAIL	DIM. "O"	"F"	DETAIL	DIM. "O"	"F"	DETAIL	DIM. "O"	
1								X X -		E /5		S /7			S /7			E /5		C /6
2								X X -		E /5		S /7			S /7			E /5		C /6
3								X X -		E /5		S /7			S /7			E /5		C /6
4								X X -		E /5		S /7			S /7			E /5		C /6
5								X X -		E /5		S /7			S /7			E /5		C /6
6								X X -		E /5		S /7			S /7			E /5		C /6
7								X X -		E /5		S /7			S /7			E /5		C /6
8								X X -		E /5		S /7			S /7			E /5		C /6
9								X X -		E /5		S /7			S /7			E /5		C /6
10								X X -		E /5		S /7			S /7			E /5		C /6

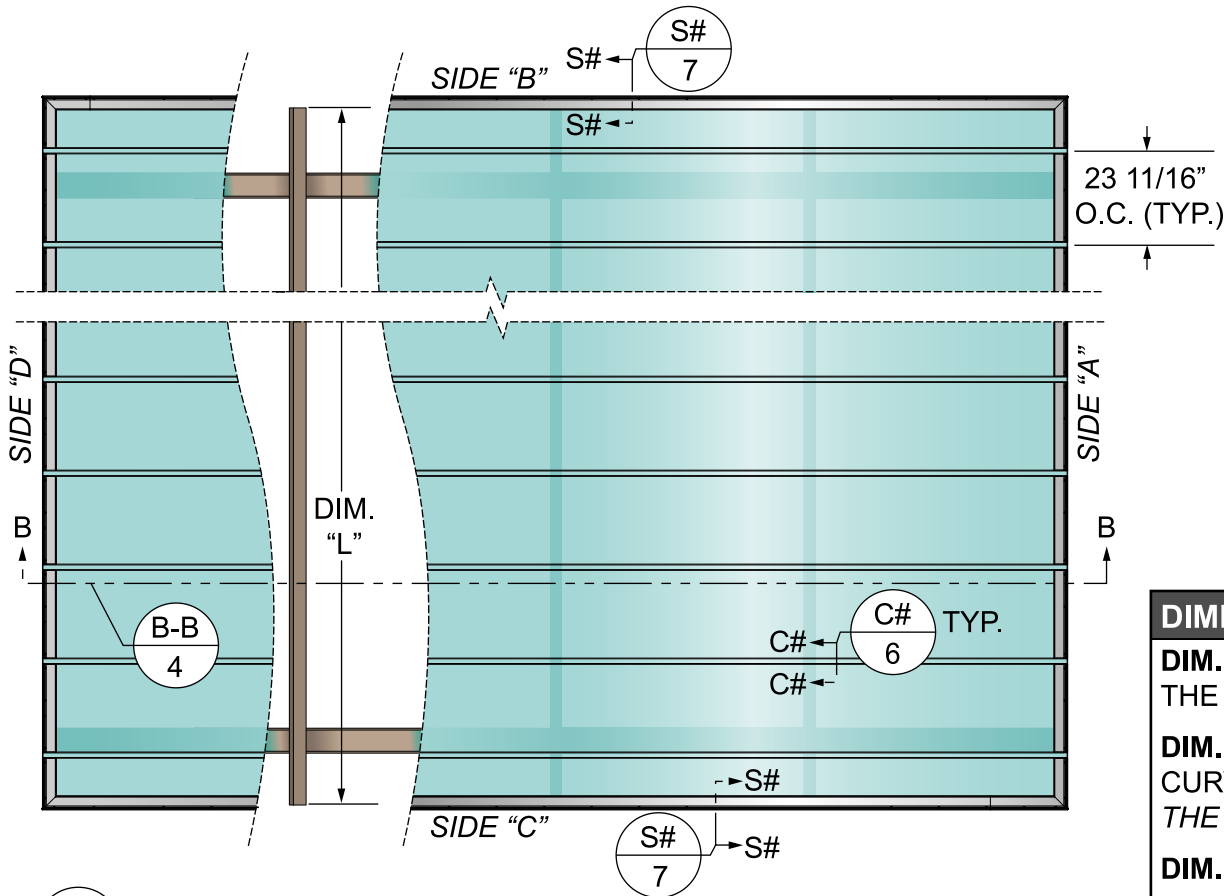
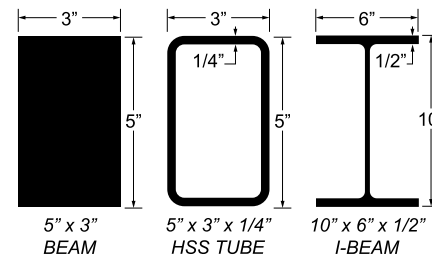
PURLIN GUIDE

INPUT THE DIMENSIONS FOR THE PURLIN DESCRIPTION (TABLE #6 ABOVE) USING THE FOLLOWING FORMAT:

V x H x T - DESCRIPTION

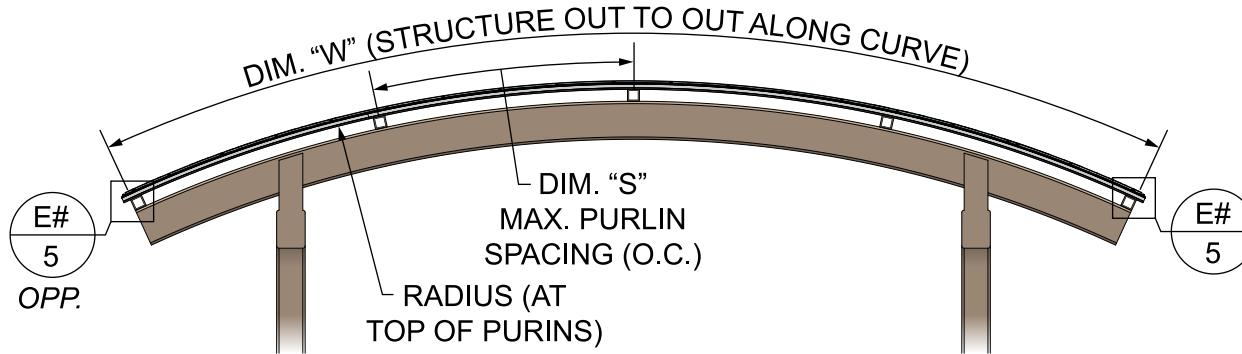
V= VERTICAL DIMENSION
H= HORIZONTAL DIMENSION
T = THICKNESS - AT SURFACE OF PURLIN ATTACHMENT, IF APPLICABLE

SEE EXAMPLES BELOW:



A 4 SYSTEM PLAN VIEW
REF. TABLE #6 (ABOVE)

"F" COLUMNS HIGHLIGHTED ABOVE ARE TO SPECIFY IF FLASHING IS REQ'D FOR THESE AREAS. EAVE FLASHING (SIDES "A" & "D") IS ASSUMED TO BE REQUIRED. REFER TO SHEET 2 FOR ALL FLASHING DETAILS.



B-B 4 SYSTEM SECTION VIEW
REF. TABLE #6 (ABOVE)

DIMENSION GUIDE - REF. TABLE #6 ABOVE

DIM. "W" - THE OUTERMOST DIMENSION (ALONG THE CURVE) OF THE STRUCTURE THAT THE BASE CHANNEL ATTACHES TO (TYPICALLY THE EXTERIOR FACES OF THE PURLINS).

DIM. "L" - THE OUTERMOST DIMENSION OF THE STRUCTURE (PERPENDICULAR TO THE CURVE) THAT THE BASE CHANNEL ATTACHES TO. (TYPICALLY THE OVERALL LENGTH OF THE PURLIN ROW WITH ANY EXTERIOR FASCIA MEMBERS IF PRESENT).

DIM. "S" - THE LARGEST O.C. DISTANCE BETWEEN PURLIN ROWS (℄ TO ℄) AT TOP OF PURLIN.

DIM. "O" - THE OFFSET DIMENSION FROM THE EXTERIOR FACE OF THE STRUCTURE TO THE EXTERIOR FACE OF THE BASE CHANNEL. WRITE "NA" IN COLUMN IF SURFACES ARE ALIGNED.



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SERIES 2500 | STANDARD DRAWINGS

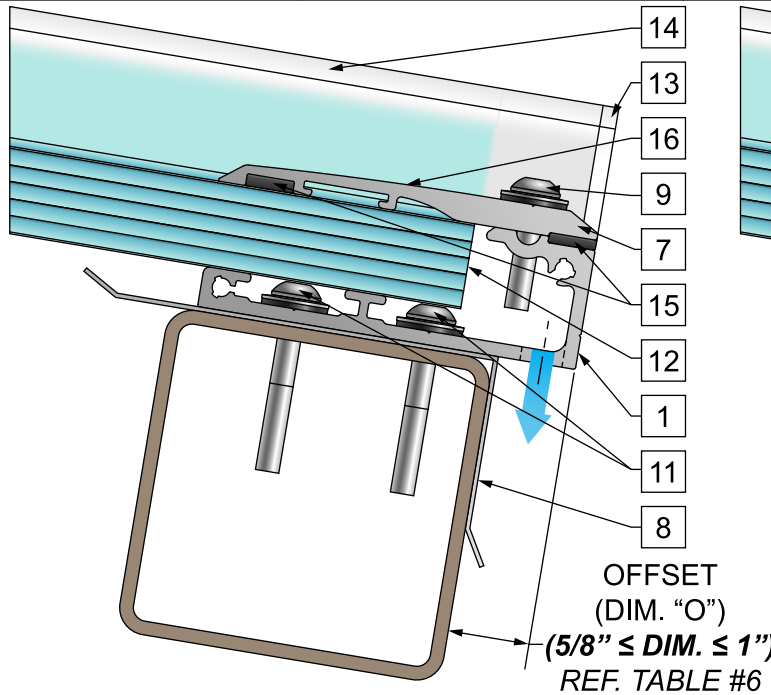
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REV.	DATE	ENG.	REV. PHASE/NOTES	PROJECT NAME			
				PROJECT NUMBER			
				DESCRIPTION (SHEET NAME):			
				Overall Layout			
				PRJT. ENG.	DRW'G. DATE	TYPE CANOPY	DO NOT SCALE DRAWING
				CHECKED	CHK. DATE	DETAILS SERIES 2500	ALL UNITS IN INCHES U.N.O.
REV. 1				PRJT. MGR.	PRJT. PHASE		SHEET 04 OF
REV. 2							
REV. 3							
REV. 4							
REV. 5							
REV. 6							

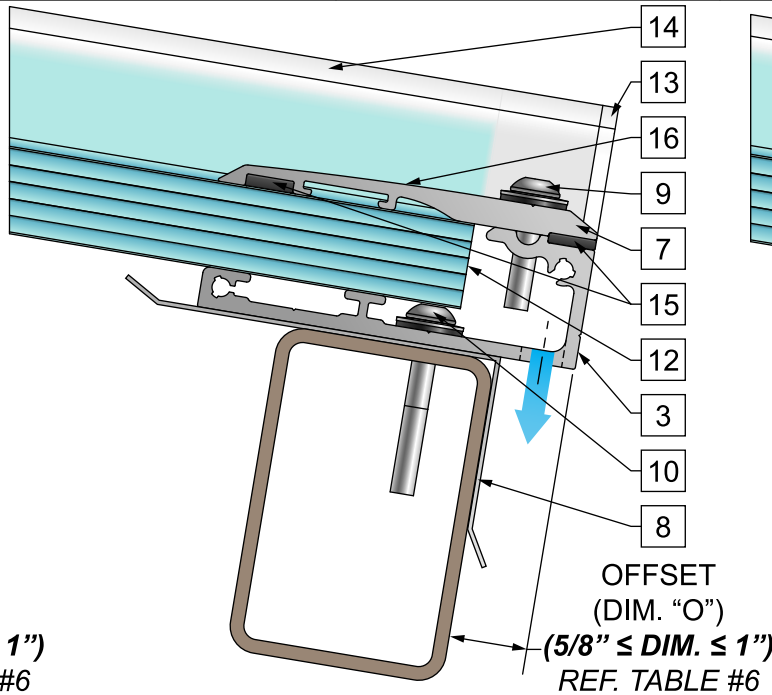
SYSTEM COMPONENT KEY	
LABEL	COMPONENT DESCRIPTION
1	BC101 ALUM. EDGE BASE (STANDARD MOUNT) WITH (2) 3/8" Ø WEEP HOLES LOCATED EVERY 24" O.C. (TYP.) ON UNDERSIDE (STANDARD)
2	BC101 ALUM. EDGE BASE (STANDARD MOUNT) WITH (2) 3/8" Ø WEEP HOLES LOCATED EVERY 24" O.C. (TYP.) ON EXTERIOR (ALTERNATE)
3	BC101 ALUM. EDGE BASE (SINGLE MOUNT) WITH (2) 3/8" Ø WEEP HOLES LOCATED EVERY 24" O.C. (TYP.) ON UNDERSIDE (STANDARD)
4	BC101 ALUM. EDGE BASE (SINGLE MOUNT) WITH (2) 3/8" Ø WEEP HOLES LOCATED EVERY 24" O.C. (TYP.) ON EXTERIOR (ALTERNATE)
5	BC101 ALUM. EDGE BASE (ALTERNATE MOUNT) WITH (2) 3/8" Ø WEEP HOLES LOCATED EVERY 24" O.C. (TYP.) ON UNDERSIDE (STANDARD)
6	BC101 ALUM. EDGE BASE (ALTERNATE MOUNT) WITH (2) 3/8" Ø WEEP HOLES LOCATED EVERY 24" O.C. (TYP.) ON EXTERIOR (ALTERNATE)
7	PC102 ALUM. PRESSURE CAP (LOCATED BETWEEN BATTEN CAPS)
8	ALUM. EAVE FLASHING - SHAPE BASED ON JOB SPECIFIC CRITERIA - SEE SHEET 2
9	#12 x 1" TORX TEK 3 SCREW WITH NEOPRENE WASHER (BI-METAL, MILL FINISH) x3 PER CAP
10	MOUNTING HARDWARE - LOCATED EVERY 12" O.C. (TYP.) - SEE STANDARD HARDWARE DETAILS TABLE #4 - SHEET 3
11	MOUNTING HARDWARE - (x2) LOCATED EVERY 18" O.C. (TYP.) - SEE STANDARD HARDWARE DETAILS TABLE #4 - SHEET 3
12	20mm BATTEN POLYCARB. STRUCTURED SHEET
13	POLYCARBONATE BATTEN END CAP (CLEAR)
14	POLYCARBONATE BATTEN CAP (CLEAR)
15	TPV GASKET
16	CONT. SEALANT AT PC102/BATTEN CAP SEAM

NOTE: LABELS SPECIFIC TO THIS PAGE ONLY

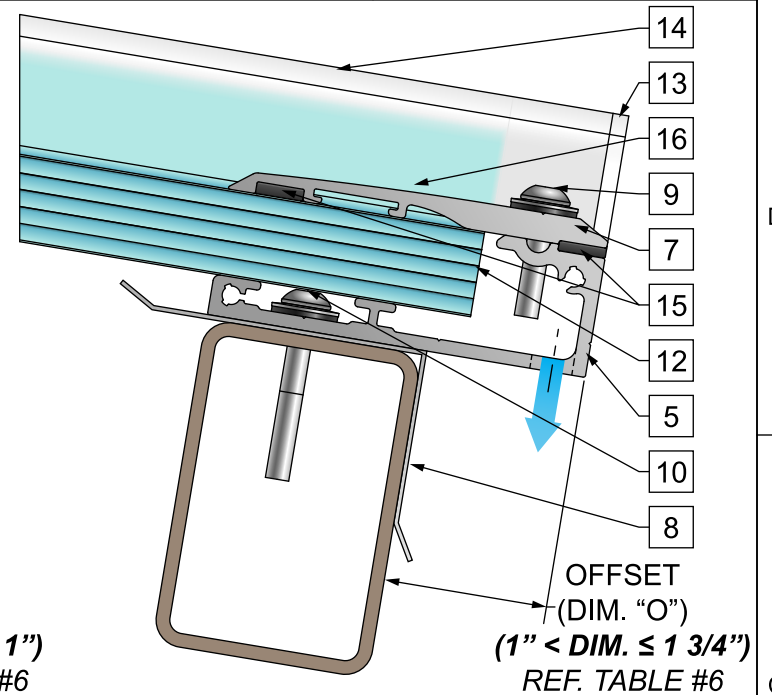
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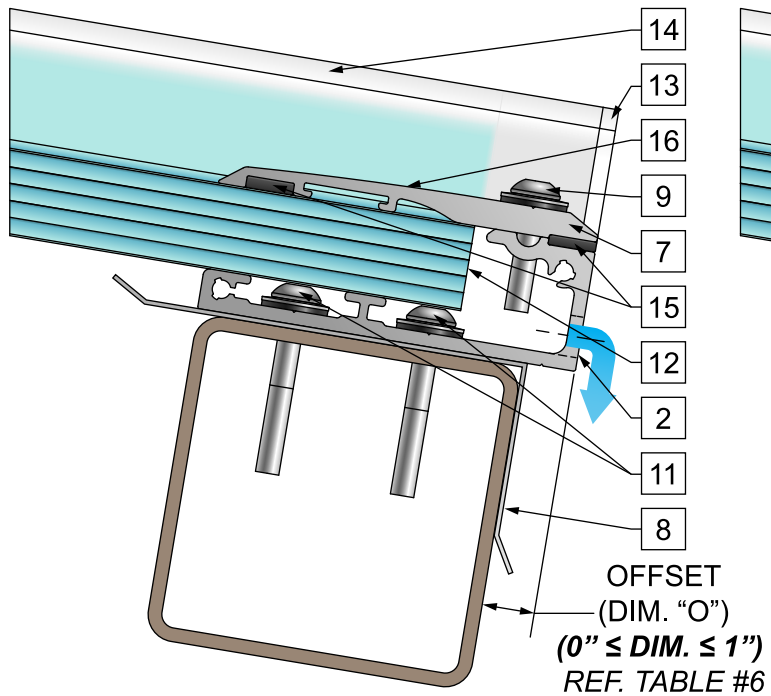
E1
5
EAVE STD. MOUNT/WEEP DETAIL
REF. B-B/4



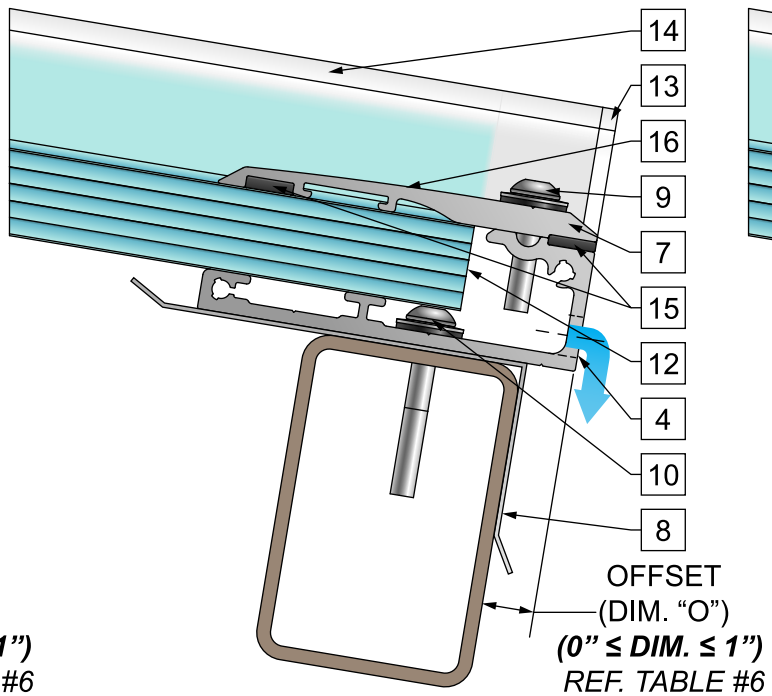
E2
5
EAVE SINGLE MOUNT/STD. WEEP DETAIL
REF. B-B/4



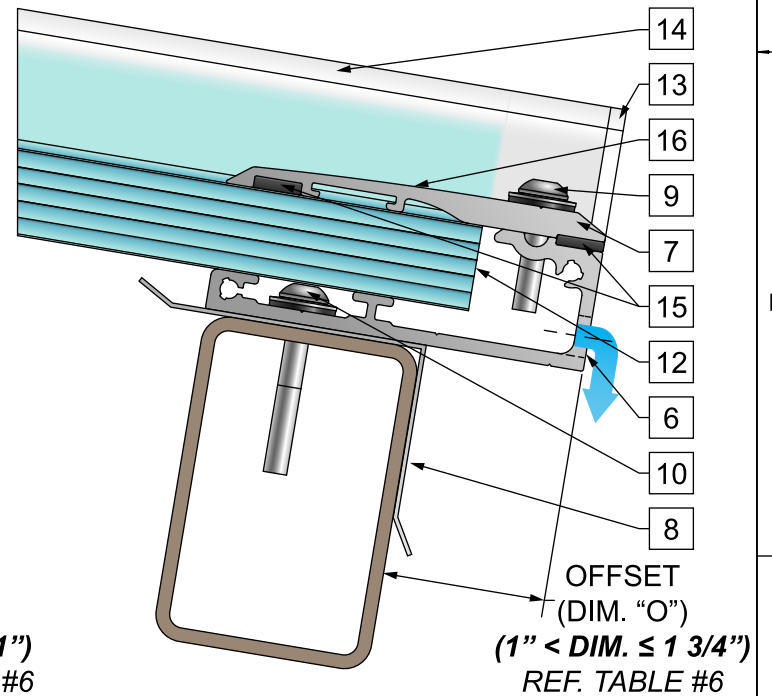
E3
5
EAVE ALT. MOUNT/STD. WEEP DETAIL
REF. B-B/4



E4
5
EAVE STD. MOUNT/ALT. WEEP DETAIL
REF. B-B/4



E5
5
EAVE SINGLE MOUNT/ALT. WEEP DETAIL
REF. B-B/4



E6
5
EAVE ALT. MOUNT/ALT. WEEP DETAIL
REF. B-B/4



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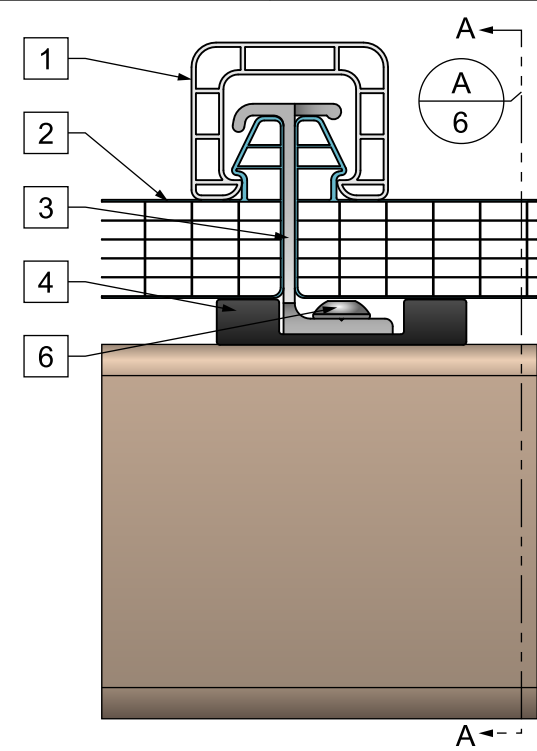
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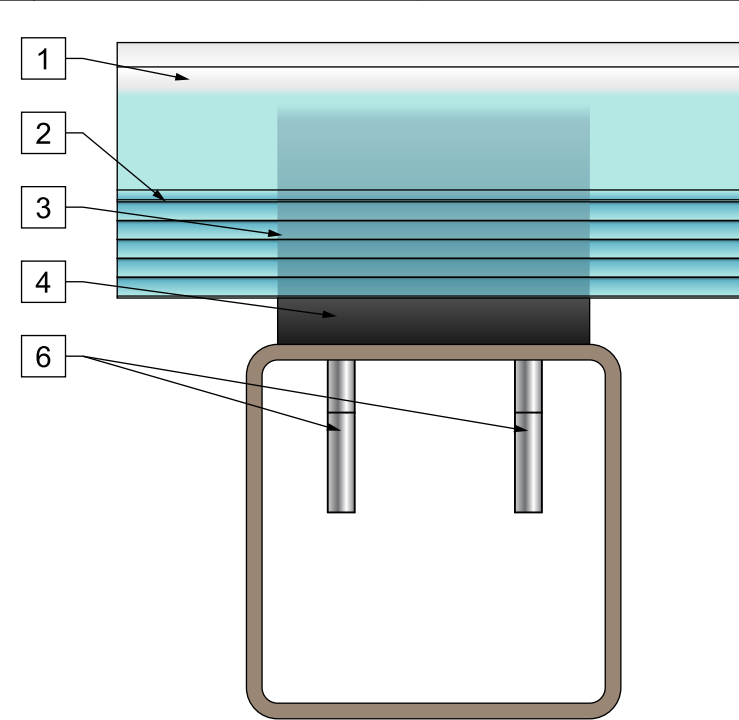
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				SHEET 05 OF		

SYSTEM COMPONENT KEY	
LABEL	COMPONENT DESCRIPTION
1	POLYCARBONATE BATTEN CAP (CLEAR)
2	20mm BATTEN POLYCARB. STRUCTURED SHEET
3	20BTC ALUM. BATTEN CLIP (MILL FINISH)
4	20BTS TPV SEPARATOR (BLACK)
5	3" x 3" x 1/4" ALUM. ANGLE
6	MOUNTING SCREWS - (x2) ATTACH BATTEN CLIP & SEPARATOR TO PURLIN - SEE STANDARD HARDWARE DETAILS TABLE #4 - SHEET 3
7	MOUNTING HARDWARE - (x4) LOCATED ON VERTICAL LEG OF ANGLE - SEE STANDARD HARDWARE DETAILS TABLE #4 - SHEET 3
8	1/4" x 1" TRUSS HEAD SCREW (S/S, MILL FINISH)
9	1/4" LOCK WASHER (S/S, MILL FINISH)
10	1/4" HEX NUT (S/S, MILL FINISH)

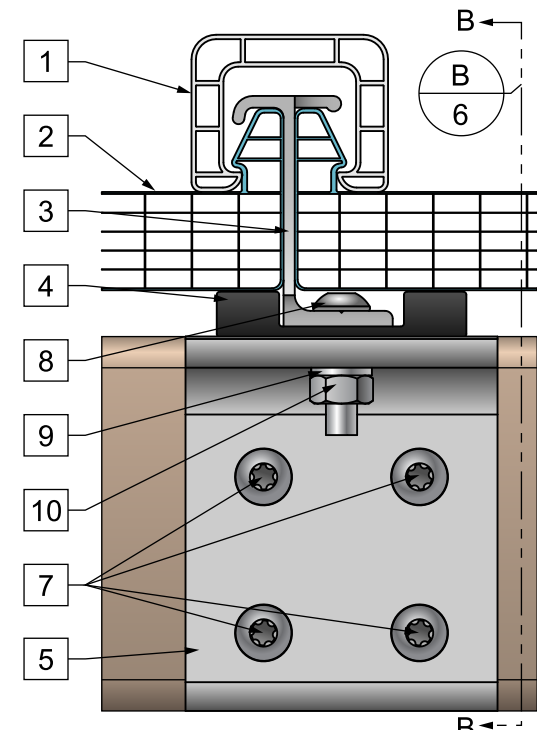
NOTE: LABELS SPECIFIC TO THIS PAGE ONLY



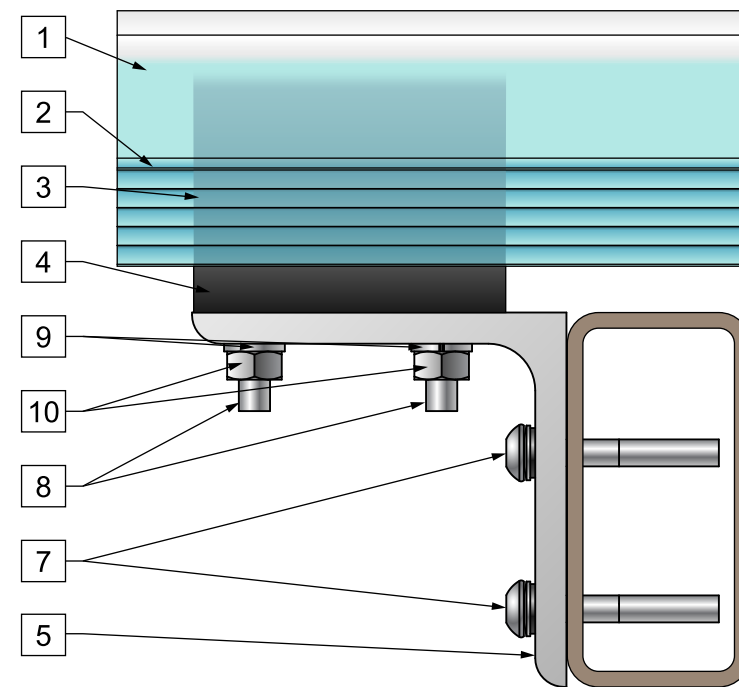
C1
6 STANDARD CLIP SECTION DETAIL
REF. A/4



A
6 STANDARD CLIP SIDE VIEW
REF. C1/6



C2
6 ALTERNATE CLIP SECTION DETAIL
REF. A/4

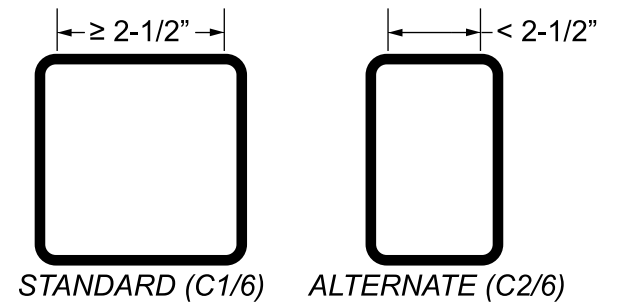


B
6 ALTERNATE CLIP SIDE VIEW
REF. C2/6

USABLE FLAT (DIM. "U") DEFINITION

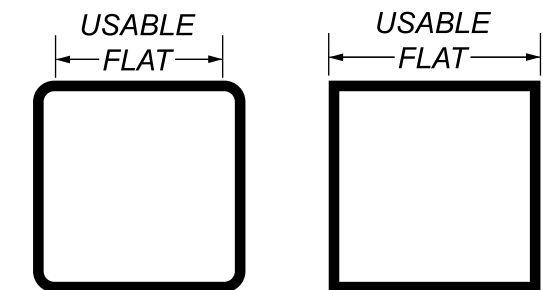
- THE METHOD OF MOUNTING THE 20BTC BATTEN CLIP AND 20BTS SEPARATOR IS DETERMINED BY THE USABLE FLAT MOUNTING SURFACE ON THE PURLIN (DIM. "U").

- IN ORDER TO USE THE STANDARD METHOD OF MOUNTING THE CLIP, DUO-GARD REQUIRES THAT THE PURLIN HAS A MINIMUM OF 2-1/2" OF USABLE FLAT SURFACE (DIM. "U") FOR MOUNTING.



- THE USABLE FLAT IS DEFINED AS THE AMOUNT OF FLAT SURFACE ON THE TOP SIDE OF THE PURLIN IN THE PURLIN WIDTH DIMENSION.

- IF A PURLIN HAS RADIUS CORNERS, WHICH IS COMMON IN STRUCTURAL STEEL TUBING, THE USABLE FLAT DIMENSION EXCLUDES THE CORNER RADII. (SEE EXAMPLE BELOW)



- IF THE ALTERNATE METHOD OF MOUNTING THE CLIP IS REQUIRED, ADDITIONAL FEES MAY APPLY.

- IF THE PROJECT REQUIRES A JOB SPECIFIC DETAIL NOT COVERED ON THIS SHEET, A SUPPLEMENTAL SHEET WILL BE PROVIDED TO SHOW THE SPECIFIC DETAIL.



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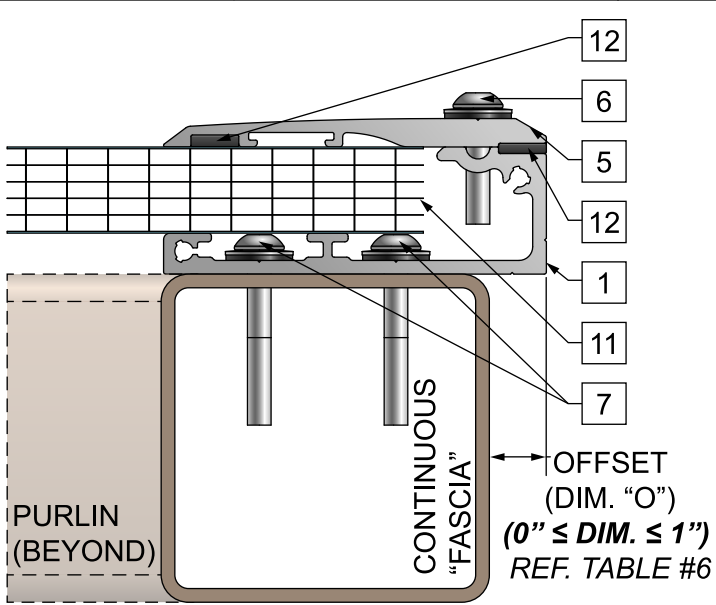
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REV. 6				PRJT. MGR.	PRJT. PHASE	DO NOT SCALE DRAWING
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						SHEET 06 OF

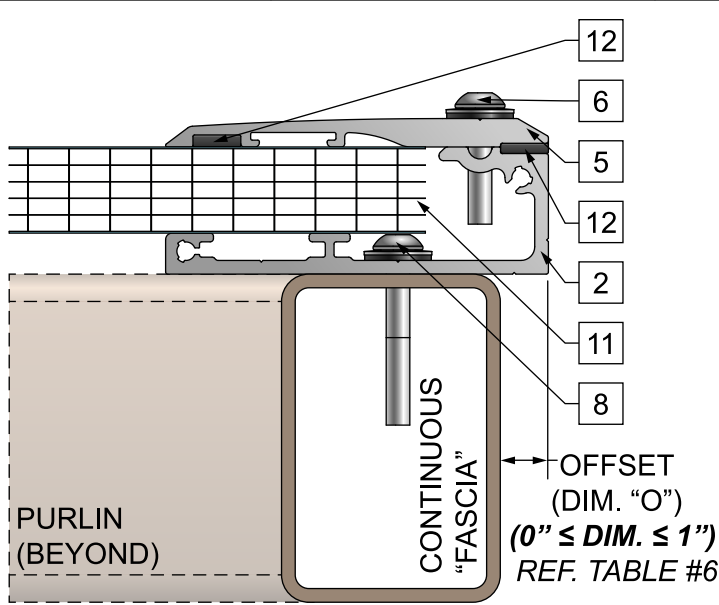
SYSTEM COMPONENT KEY	
LABEL	COMPONENT DESCRIPTION
1	BC101 ALUM. EDGE BASE (STANDARD MOUNT)
2	BC101 ALUM. EDGE BASE (SINGLE MOUNT)
3	BC101 ALUM. EDGE BASE (ALTERNATE MOUNT)
4	BC101 ALUM. EDGE BASE (PURLIN MOUNT) - SCREW QTY. AND MOUNTING LOCATIONS VARY BASED ON PURLIN - SEE DETAILS A/8 - C/8 AND TABLE #7 (BELOW)
5	PC102 ALUM. PRESSURE CAP - CONTINUOUS
6	#12 x 1" TORX TEK 3 SCREW WITH NEOPRENE WASHER (BI-METAL, MILL FINISH) LOCATED EVERY 12" O.C. (TYP.)
7	MOUNTING HARDWARE - (x2) LOCATED EVERY 18" O.C. (TYP.) - SEE STANDARD HARDWARE DETAILS TABLE #4 - SHEET 3
8	MOUNTING HARDWARE - LOCATED EVERY 12" O.C. (TYP.) - SEE STANDARD HARDWARE DETAILS TABLE #4 - SHEET 3
9	MOUNTING HARDWARE - (x4) LOCATED AT EVERY PURLIN INTERSECTION - SEE STANDARD HARDWARE DETAILS TABLE #4 - SHEET 3
10	MOUNTING HARDWARE - (x2) LOCATED AT EVERY PURLIN INTERSECTION - SEE STANDARD HARDWARE DETAILS TABLE #4 - SHEET 3
11	20mm BATTEN POLYCARB. STRUCTURED SHEET
12	TPV GASKET

NOTE: LABELS SPECIFIC TO THIS PAGE ONLY

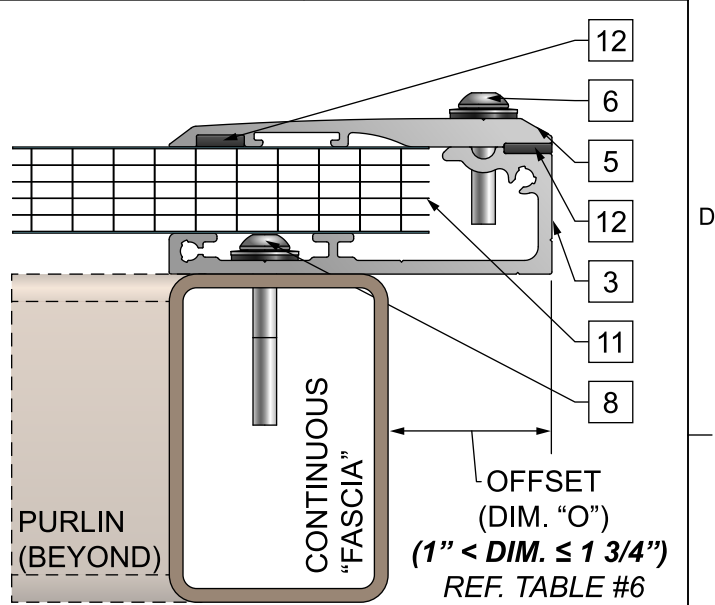
NOTE: DETAILS S4/7 - S6/7 DESCRIBE THE STANDARD METHODS FOR BASE CHANNEL ATTACHMENT AT PERIODIC PURLIN LOCATIONS (WHERE CONTINUOUS ATTACHMENT IS NOT POSSIBLE). REFER TO DETAILS A/8 - C/8 FOR HOLE/SCREW LAYOUT FOR THESE CONDITIONS. A SUPPLEMENTAL DETAIL PAGE WILL BE PROVIDED IF AN ALTERNATE MOUNTING METHOD IS REQUIRED FOR YOUR PROJECT.



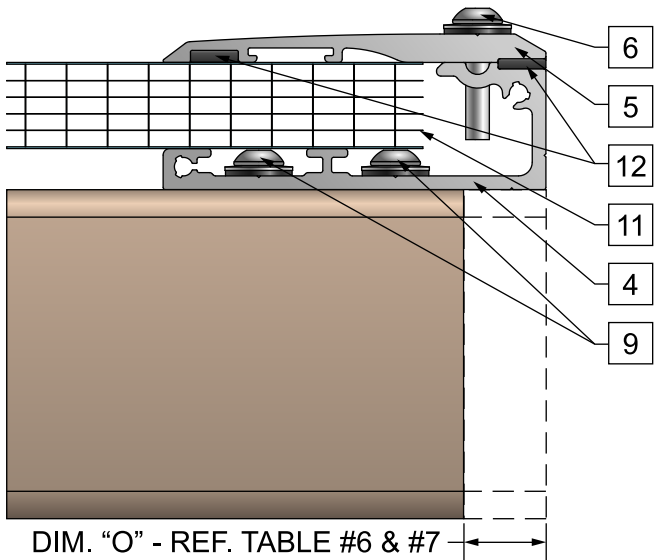
S1 CONTINUOUS END STANDARD DETAIL
7 REF. A/4 & TABLE #6



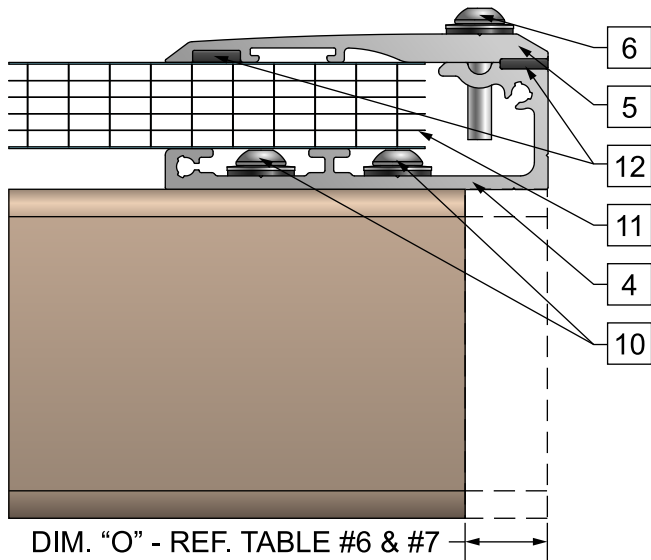
S2 CONTINUOUS END SINGLE MOUNT DETAIL
7 REF. A/4 & TABLE #6



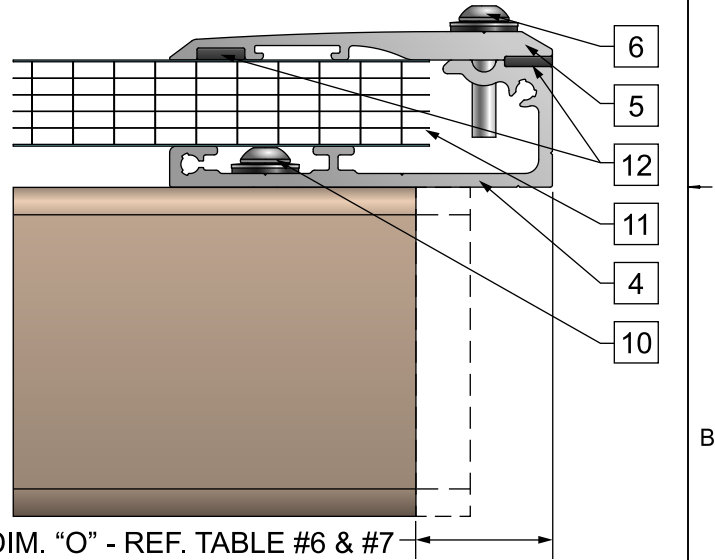
S3 CONTINUOUS END ALTERNATE DETAIL
7 REF. A/4 & TABLE #6



S4 PERIODIC PURLIN STANDARD DETAIL
7 REF. A/4, A/8, TABLE #6, AND TABLE #7



S5 PERIODIC PURLIN NARROW DETAIL
7 REF. A/4, B/8, TABLE #6, AND TABLE #7



S6 PERIODIC PURLIN ALTERNATE DETAIL
7 REF. A/4, C/8, TABLE #6, AND TABLE #7

TABLE #7 - BC101/PERIODIC PURLIN MOUNTING INFORMATION - FOR REFERENCE ONLY - MAY BE SUBJECT TO CHANGE BASED ON JOB SPECIFIC CRITERIA

METHOD/NAME	DIM. "O" RANGE	DIM. "U" RANGE	APPLICATION DESCRIPTION	DIMENSION DEFINITIONS SHOWN ON THIS PAGE	
STANDARD	≤ 1"	≥ 1-3/4"	STANDARD MOUNTING METHOD UNLESS IMPOSSIBLE	DIM. "O" = THE OFFSET DISTANCE BETWEEN THE EXTERIOR FACES OF THE PURLIN AND BASE CHANNEL DIM. "U" = THE WIDTH DIMENSION OF THE USABLE FLAT SURFACE AREA ON TOP OF THE PURLIN (MORE DETAILS ON SHEET 6)	
NARROW	≤ 1"	1/2" < "U" ≤ 1-3/4"	ONLY WHEN DIM. "U" IS LESS THAN 1-3/4"		
ALTERNATE	1" < "O" ≤ 1-3/4"	≥ 1-3/4"	ONLY WHEN DIM. "O" EXCEEDS 3/4"		

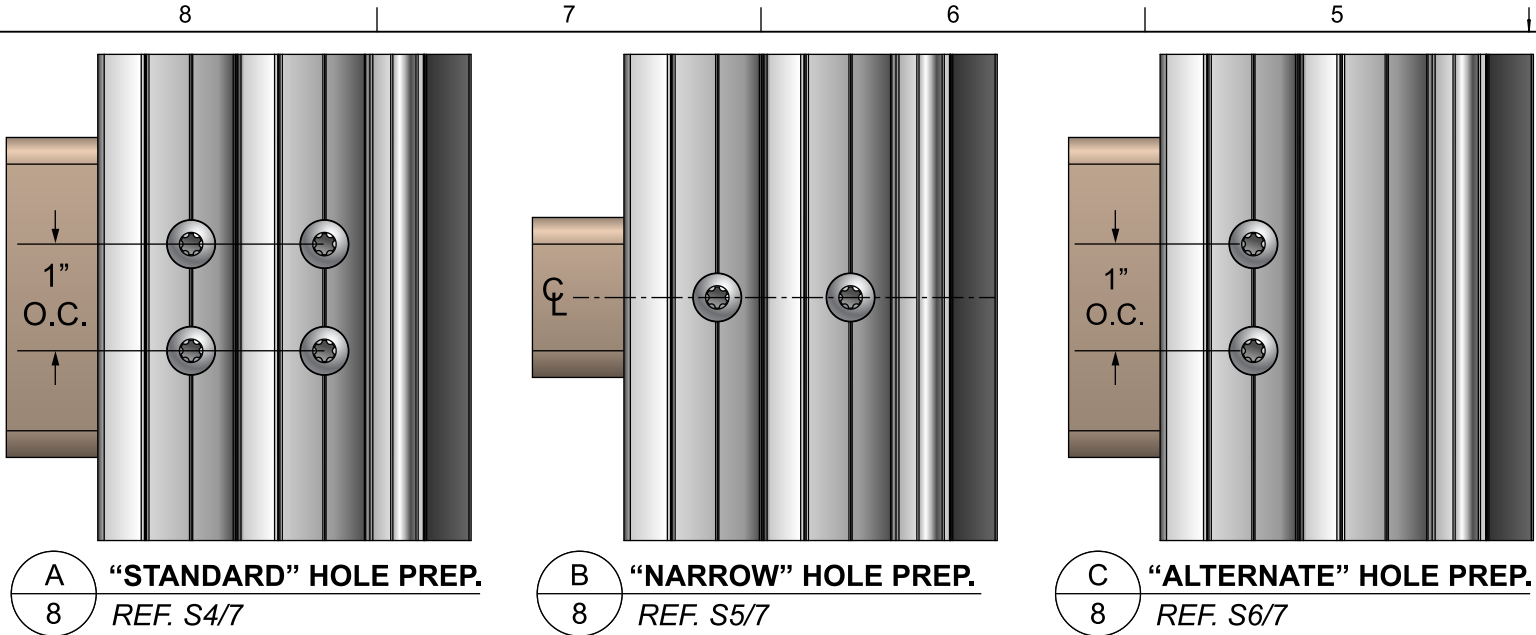


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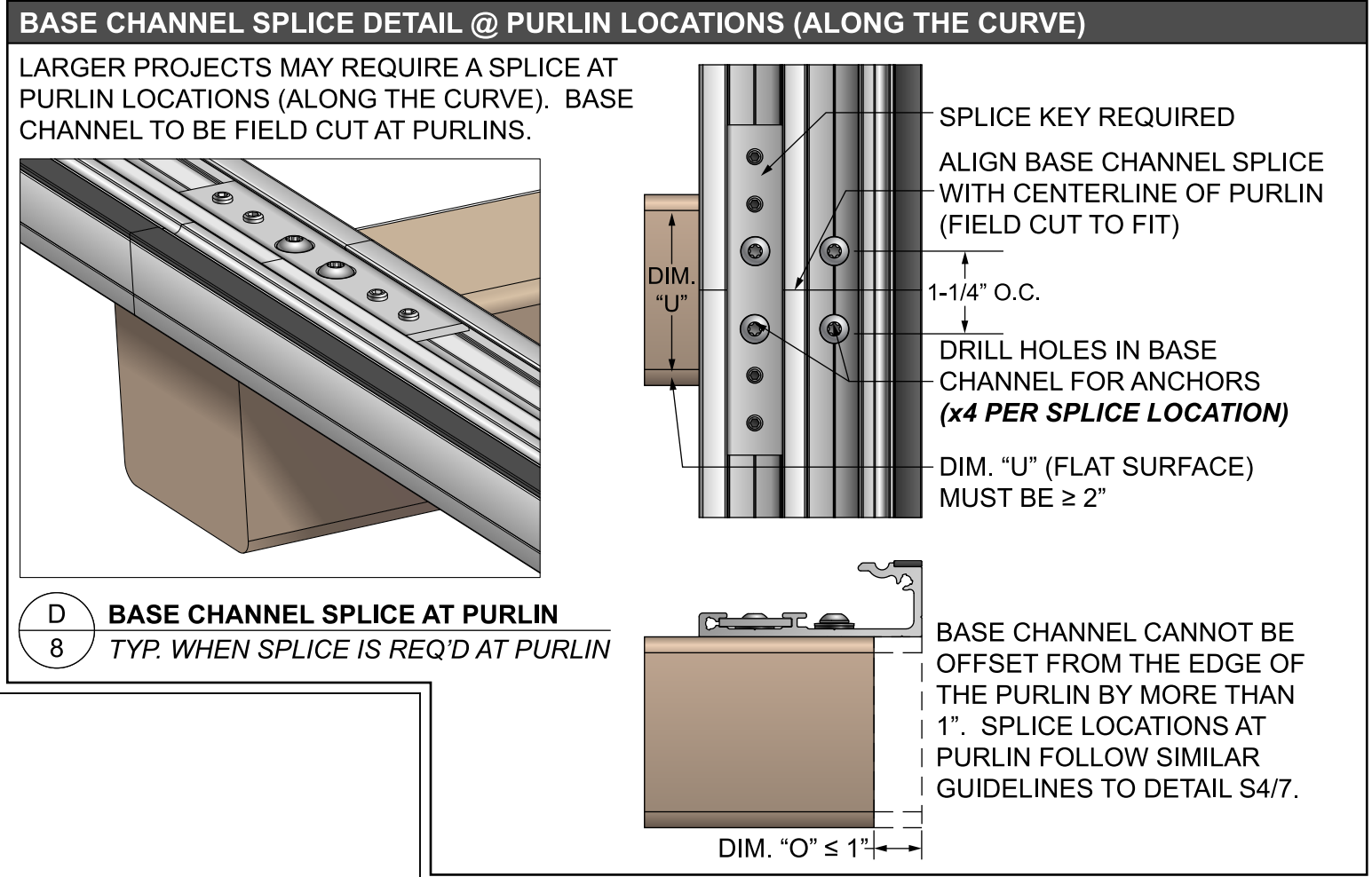
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REV. 3						
REV. 4				PRJT. ENG.	DRW'G. DATE	TYPE CANOPY
REV. 5				CHECKED	CHK. DATE	DETAILS SERIES 2500
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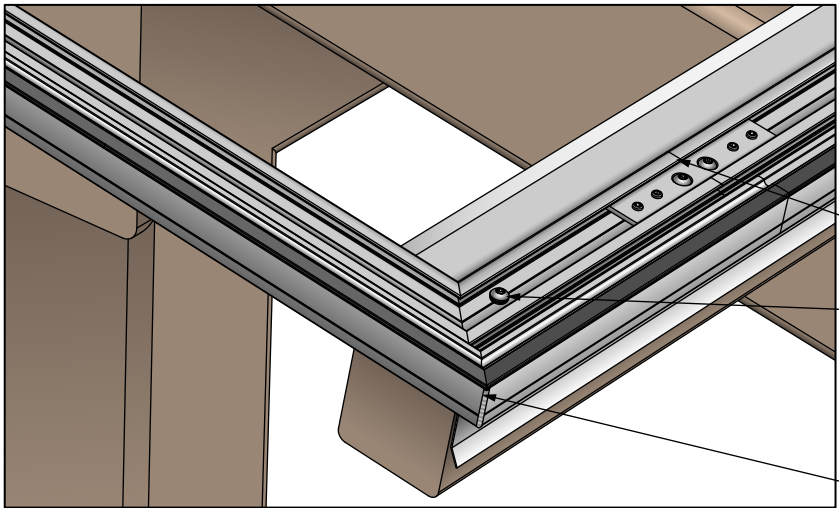
NOTE: ALL HOLES REQUIRED TO ATTACH BC101 TO PURLINS WILL BE FIELD DRILLED BY THE INSTALLER



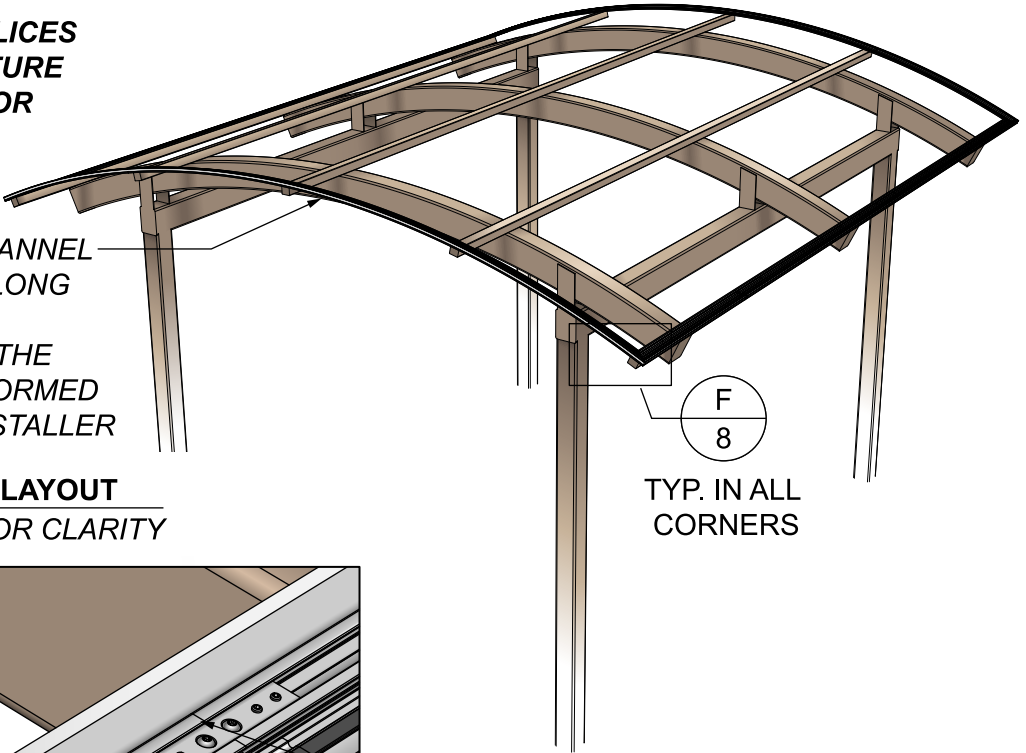
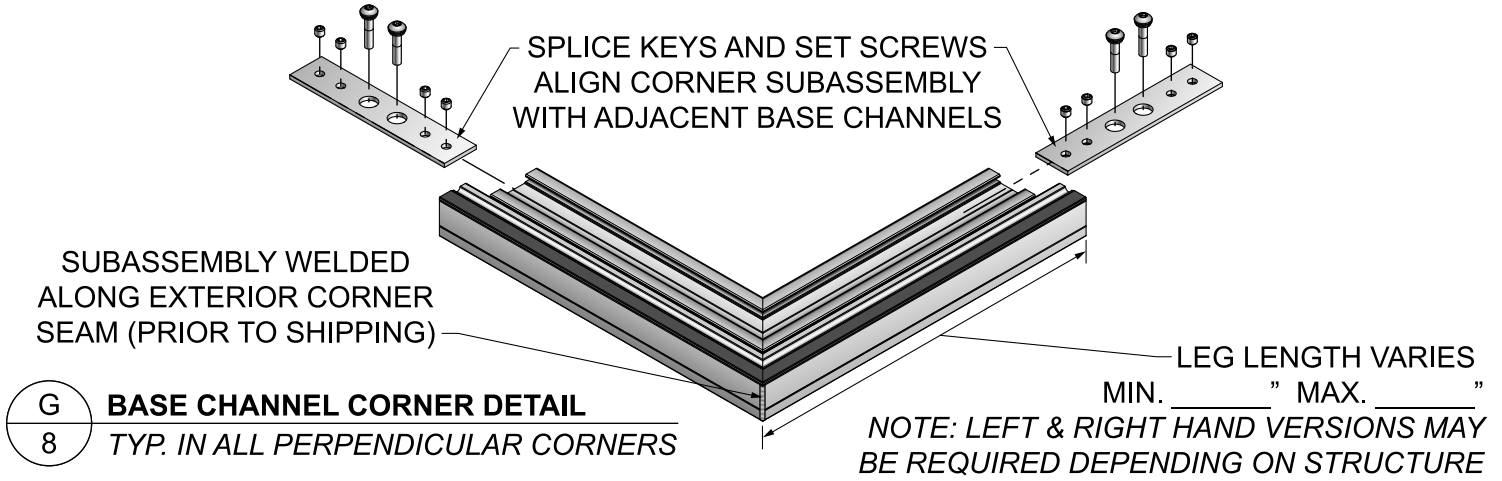
NOTE: ALL BASE CHANNEL SPLICES MUST HAVE SUPPORT STRUCTURE DIRECTLY UNDER SPLICE FOR ATTACHMENT

INSTALLATION NOTE: BASE CHANNEL ALONG CURVE WILL BE SENT LONG AND WILL NEED TO BE CUT TO EXACT LENGTH IN THE FIELD. THE CHANNEL SHOULD BE COLD FORMED ALONG THE CURVE BY THE INSTALLER

E SYSTEM BASE CHANNEL LAYOUT
8 PCSS & CAP REMOVED FOR CLARITY



F BASE CHANNEL CORNER DETAIL
8 TYP. IN ALL PERPENDICULAR CORNERS



F
8 TYP. IN ALL CORNERS



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REV. 2				DESCRIPTION (SHEET NAME):			
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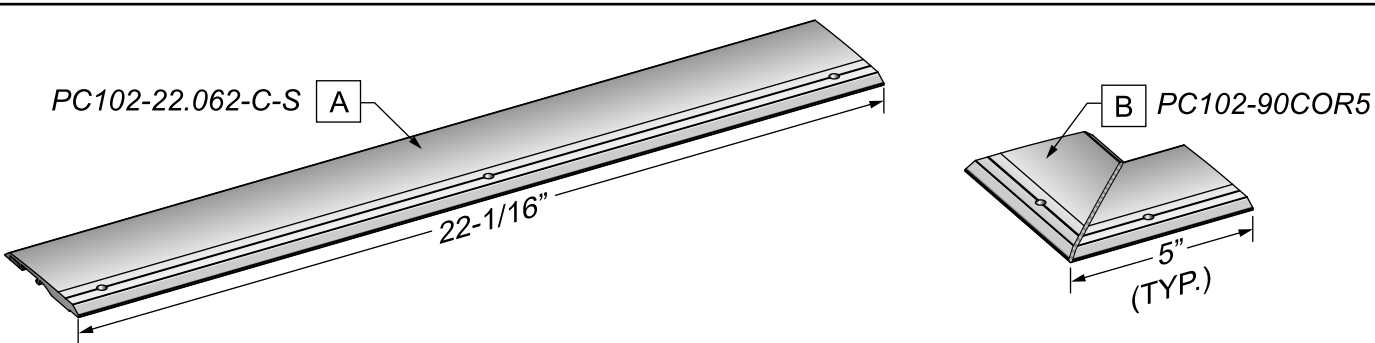
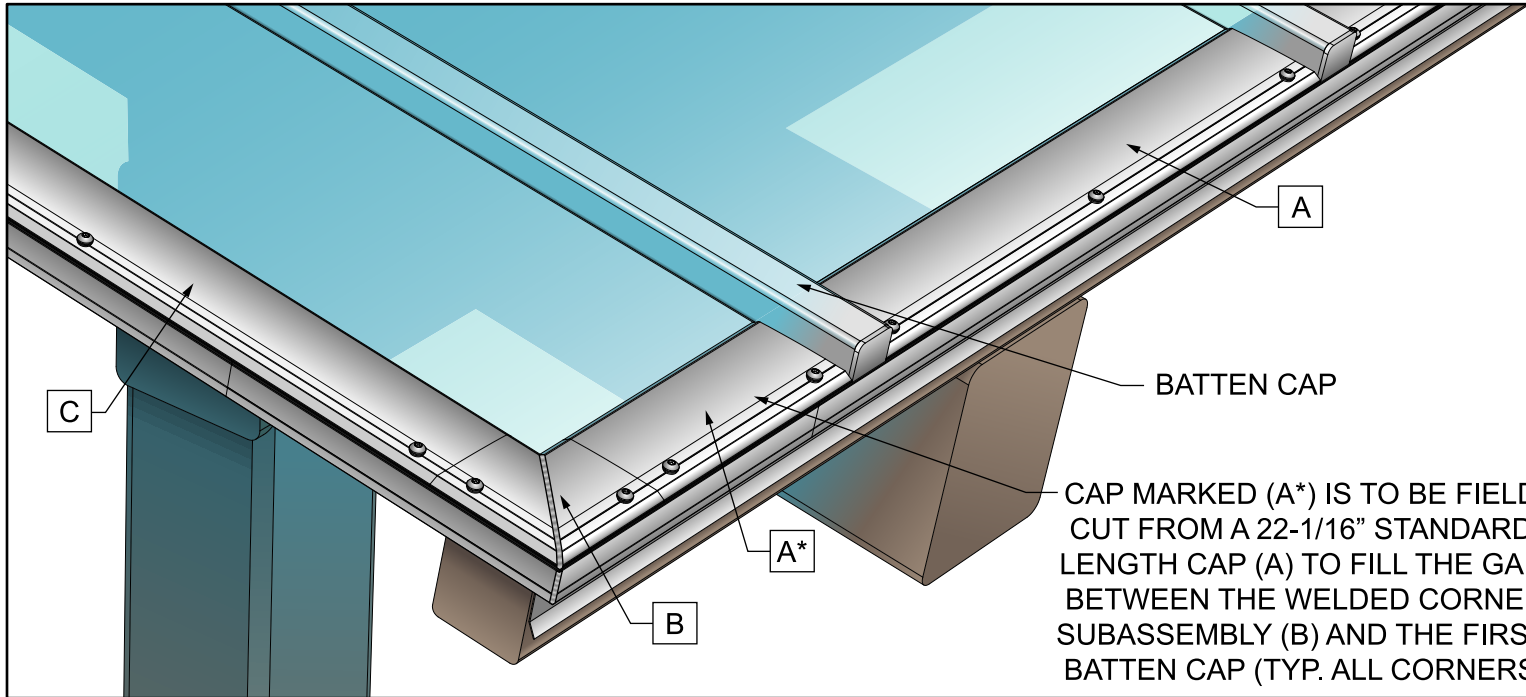
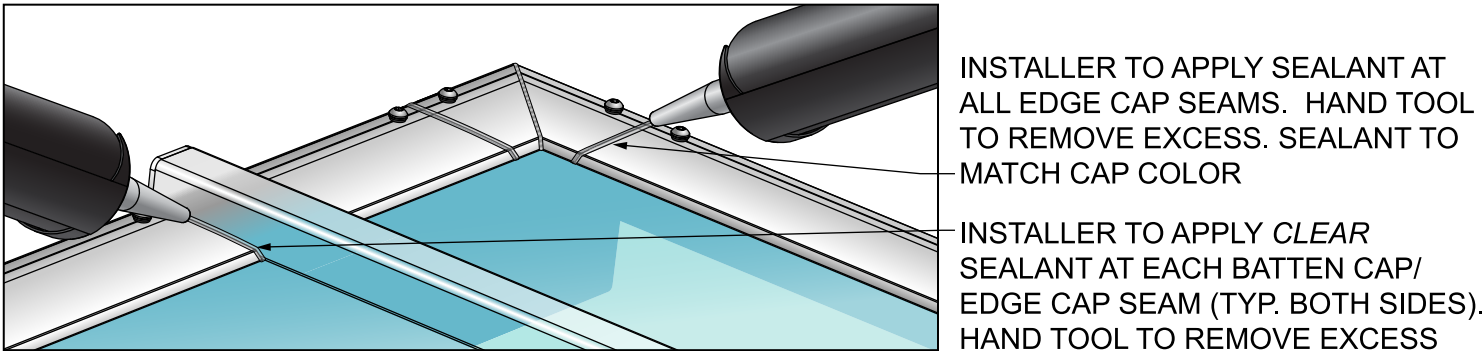
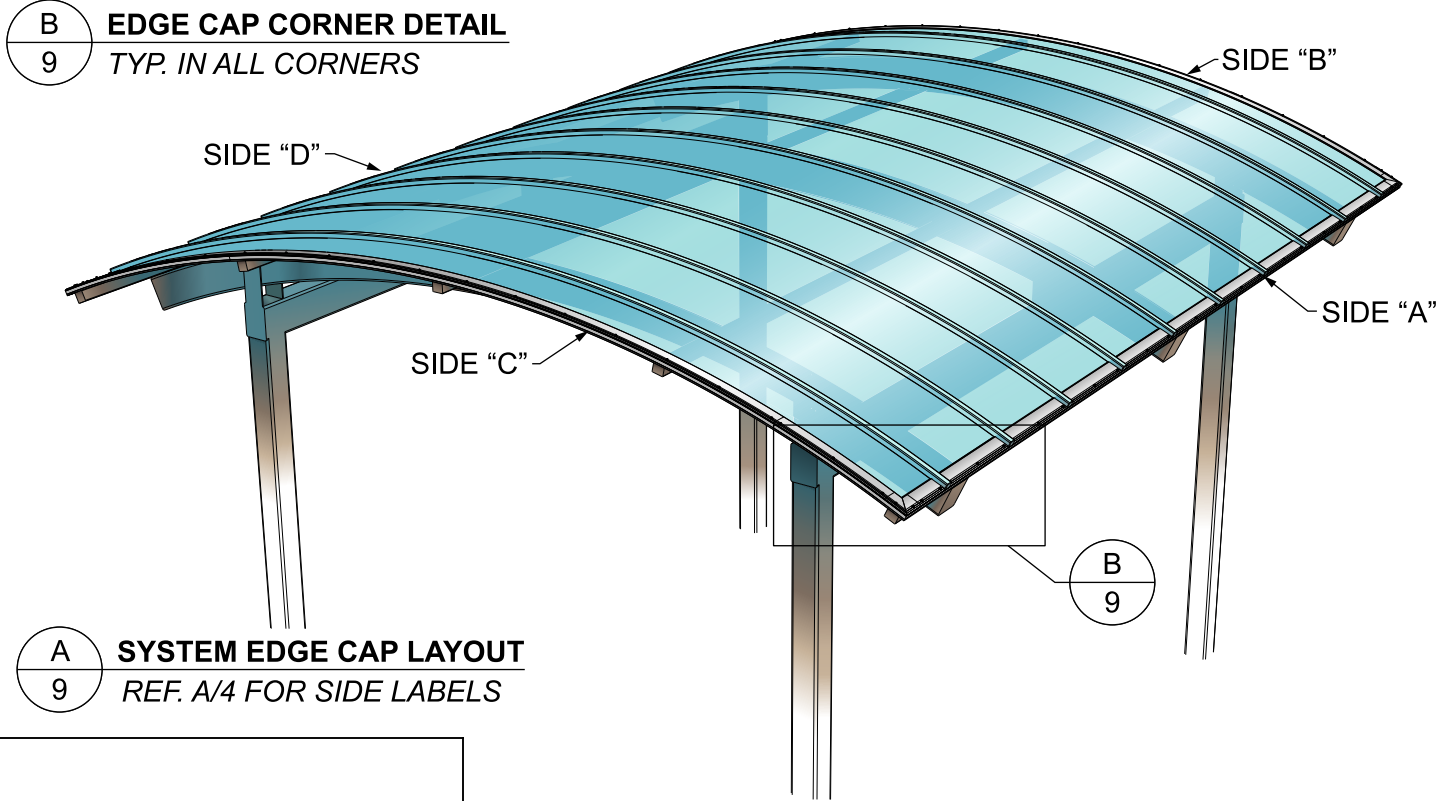
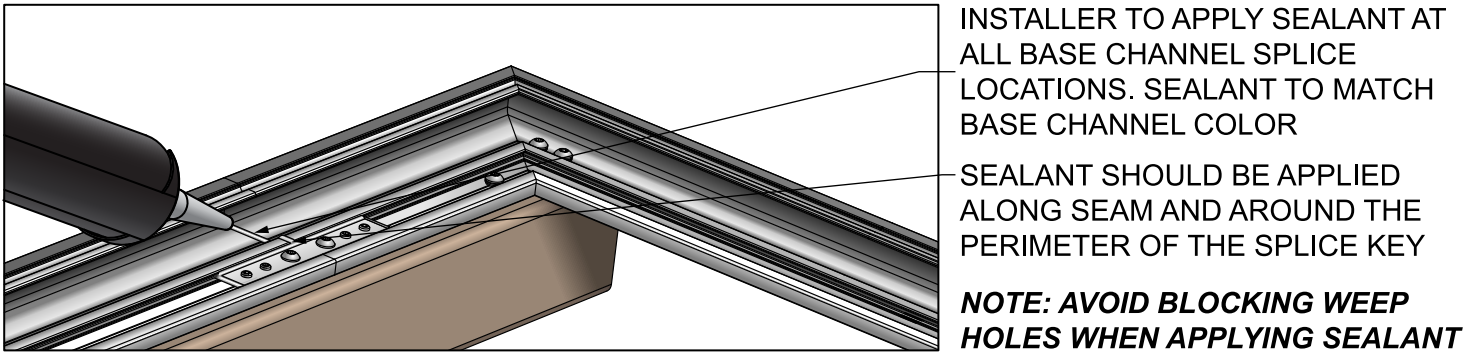


TABLE #8 - PC102 EDGE CAP TYPES				
CAP	DESCRIPTION	ITEM CODE	FINISHED LENGTH	FIELD PREP?
A	STANDARD LENGTH CAP	PC102-22.062-C-S	22-1/16"	NO
A*	FILLER CUT FROM STD. CAP	PC102-22.062-C-S	VARIES - CUT TO FIT	YES
B	STANDARD WELDED CORNER	PC102-90COR5	5"	NO
C	CAP LOCATED ALONG THE CURVE WILL BE SENT IN STRAIGHT PIECES. THE CAP WILL BE SENT LONG FOR FIELD CUTTING TO EXACT FIT. CAP CAN BE COLD FORMED ALONG CURVE.			



D 9 **EDGE CAP SEALANT DETAILS**
TYP. IN ALL LOCATIONS



C 9 **BASE CHANNEL SEALANT DETAILS**
TYP. IN ALL LOCATIONS - PCSS & CAP REMOVED FOR CLARITY



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REV. 3				Glazing Details 2		
REV. 4				PRJT. ENG.	DRW'G. DATE	TYPE CANOPY
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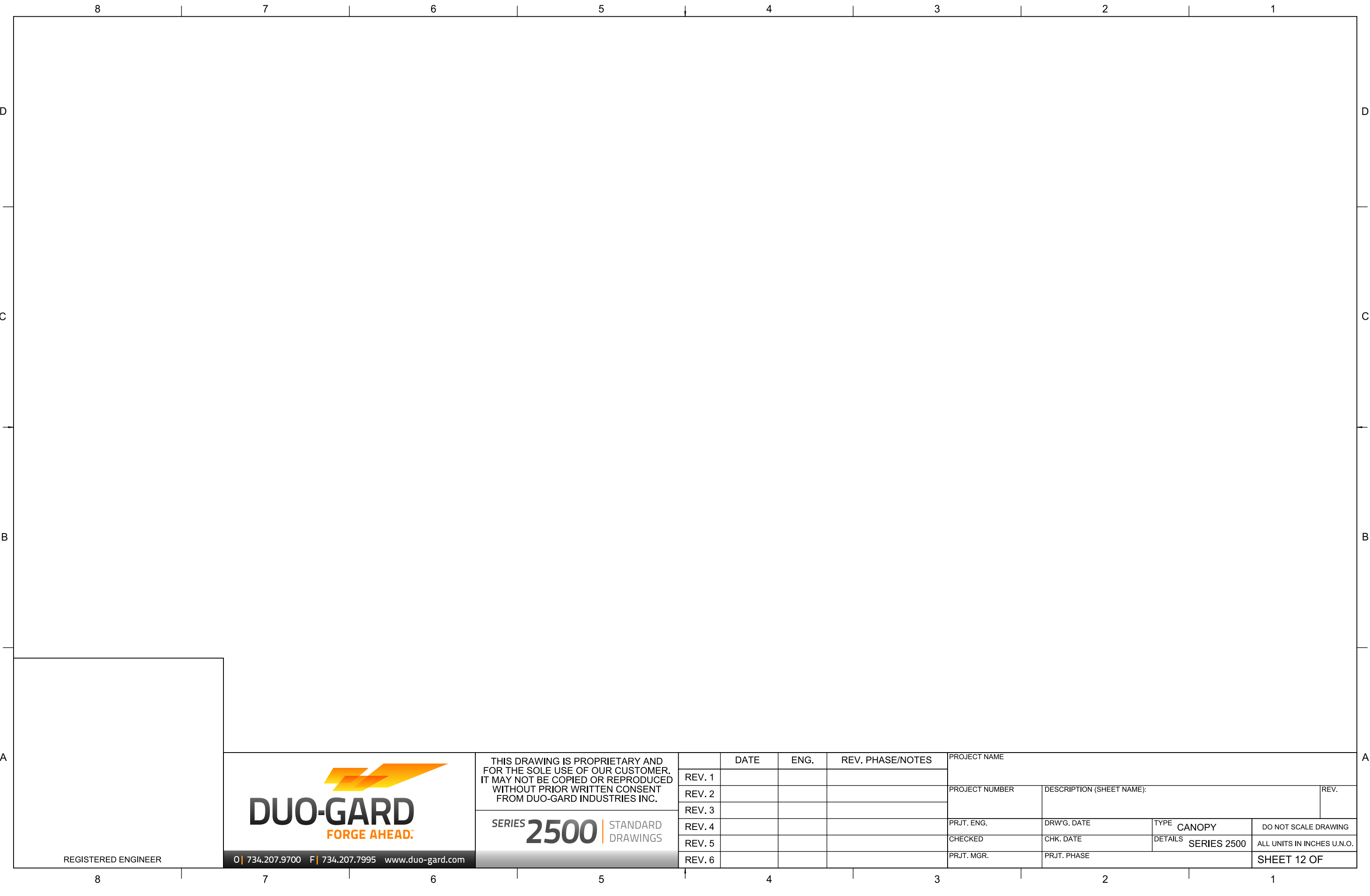
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