

PROGRESSIVE SCREENS

FIXED TRACK FABRIC SHUTTER



PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 INTERNATIONAL BUILDING CODE (IBC) AND 2018 INTERNATIONAL RESIDENTIAL CODE AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
 - ASTM E330-14
 - ASTM E1986-13
 - ASTM E1996-14
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- ALL EXTRUSION MATERIAL: 6063-T6 ALUMINUM ALLOY, UNLESS OTHERWISE NOTED.
- SHUTTER MANUFACTURER LABEL SHALL BE LOCATED IN A READILY VISIBLE LOCATION, PER IBC CHAPTER 17.

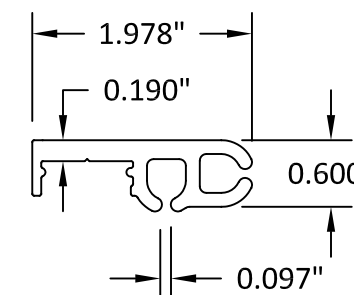
INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- REFER TO ANCHOR SCHEDULE CHART ON SHEET 3, 4 FOR ANCHOR TYPE, SUBSTRATE TYPE, EDGE DISTANCE AND MINIMUM EMBEDMENT.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- ASSEMBLY FASTENERS SHALL BE COATED WITH A CORROSION RESISTANT COATING SYSTEM.
- EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY 0.55.
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - GROUT FILLED MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MIN. 2000 PSI.
 - STEEL - MINIMUM A36, 3/16" THICKNESS.
 - ALUMINUM - MINIMUM 6063-T6, 1/4" THICKNESS.

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MAX. DESIGN PRESSURE (PSF)		
FRAME SPAN	POSITIVE	NEGATIVE
120"	105 PSF	105 PSF

NOTE:
MINIMUM GLASS SEPARATION OF 27-3/8" REQUIRED FOR ESSENTIAL FACILITIES AS DEFINED IN ASCE 7.



FIXED TRACK

TITLE: **FIXED TRACK FABRIC SHUTTER**

GENERAL NOTES, INSTALLATION NOTES, & FIXED TRACK PROFILE

PREPARED BY: **BUILDING DROPS, INC.**
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE

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TEXAS P.E. NO. 118471
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
TBPE FIRM NO. 13734

DATE: **07.17.22**

DWG. BY: **SH** CHK. BY: **SM**

SCALE: **NTS**

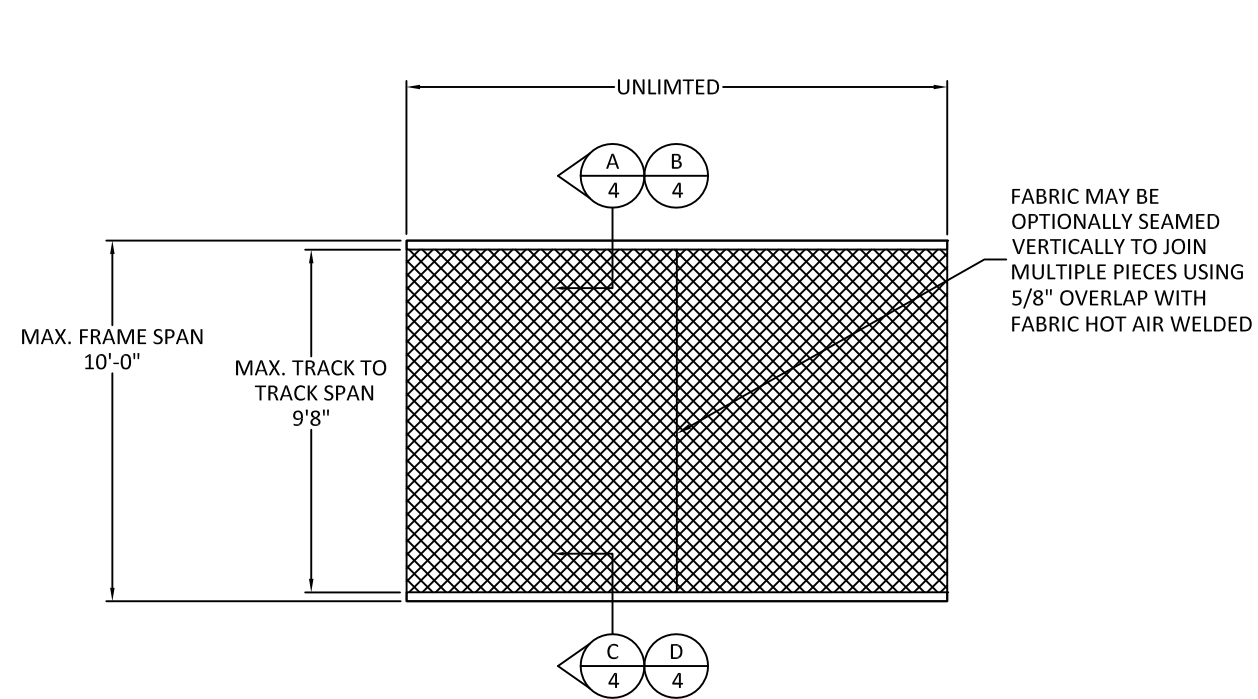
DWG. #: **PRG009**

SHEET: **1**

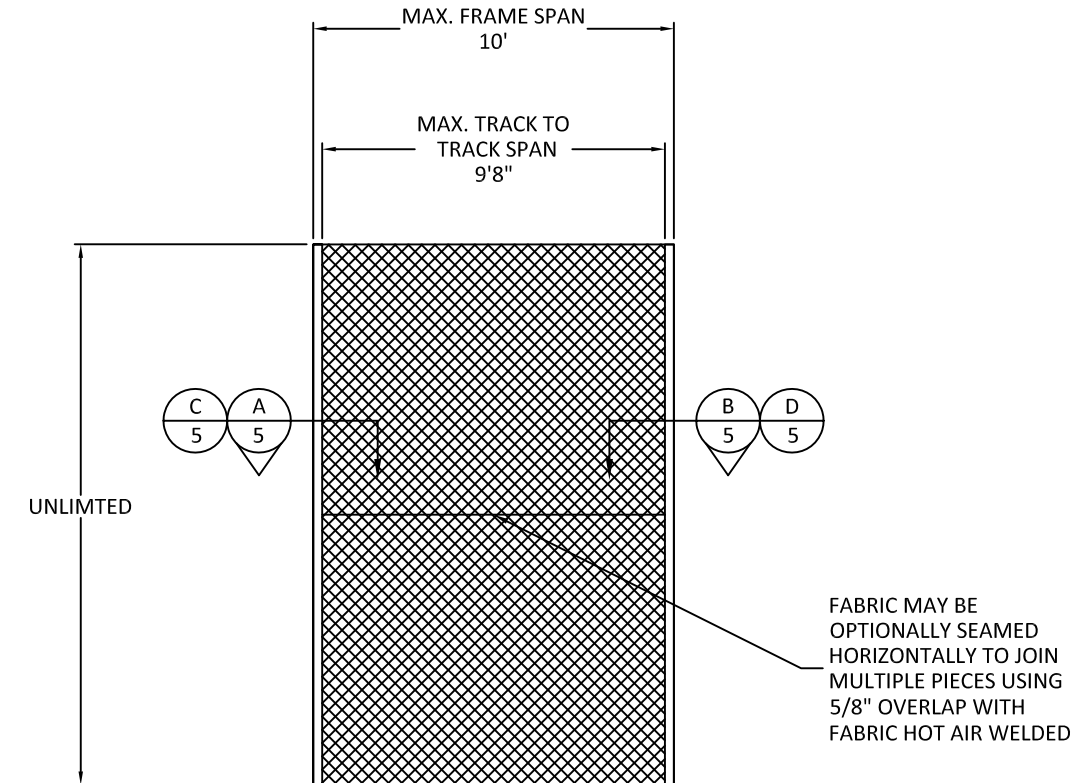
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ELEVATIONS

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ELEVATION
HORIZONTAL TRACK



ELEVATION
VERTICAL TRACK

- CONSTRUCTION NOTES**
- SCREEN FABRIC DESCRIPTION: A WOVEN SCREEN FABRIC USING .027" DIAMETER VINYL COATED 1500 DENIER POLYESTER YARNS IN THE WRAP DIRECTION AND .030" VINYL COATED 2,000D ARAMID YARNS OR UHMWPP YARNS IN THE FILL DIRECTION.
 - KEDER IS 4 MM (AT TRACKS) PVC CORD PROVIDED BY KEDER SOLUTIONS WITH A TENSILE STRENGTH OF 2100 PSI, WRAPPED AND WELDED WITH A DOUBLE FLAP KEDER USING STANDARD WEAVE FABRIC (WHITE OR BLACK) PROVIDED BY KEDER SOLUTIONS, WITH 64 MM WIDTH (AT TRACKS).

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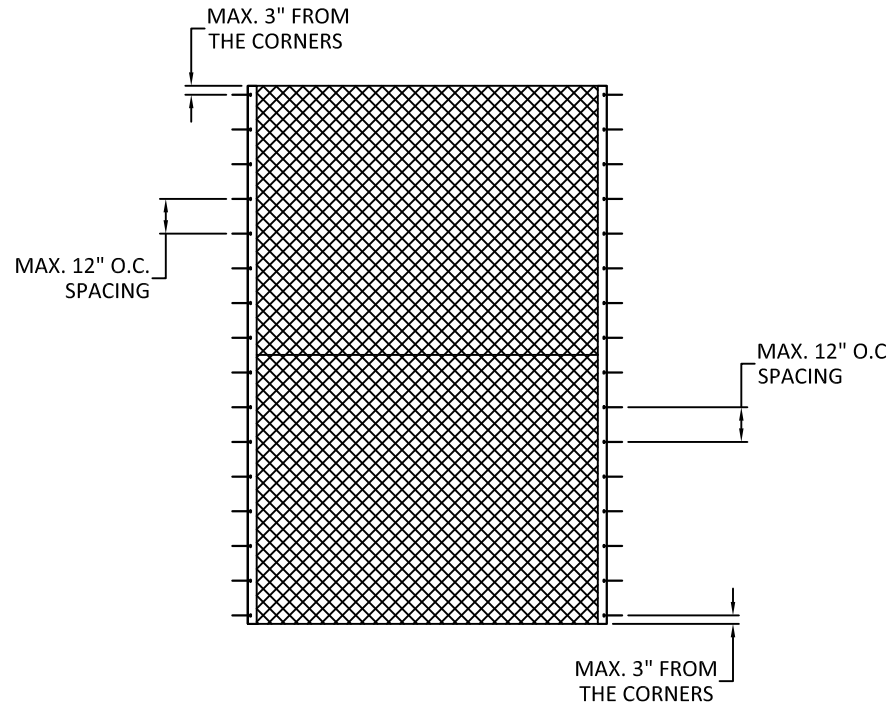
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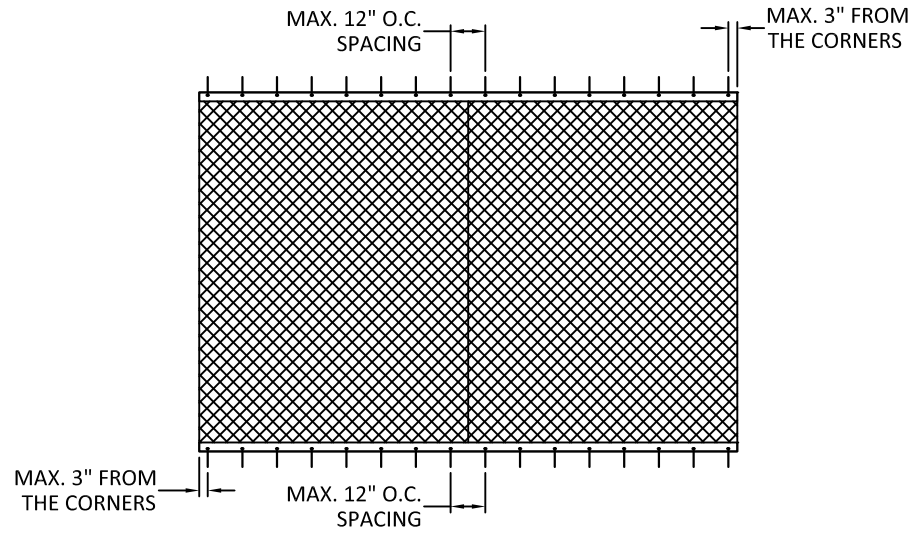
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ANCHOR LAYOUTS AND ANCHOR SCHEDULE

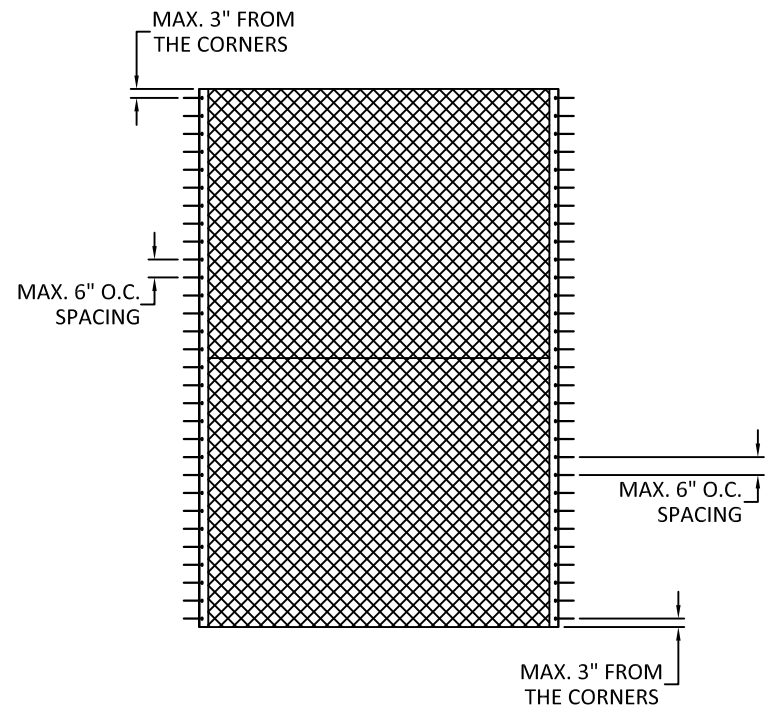
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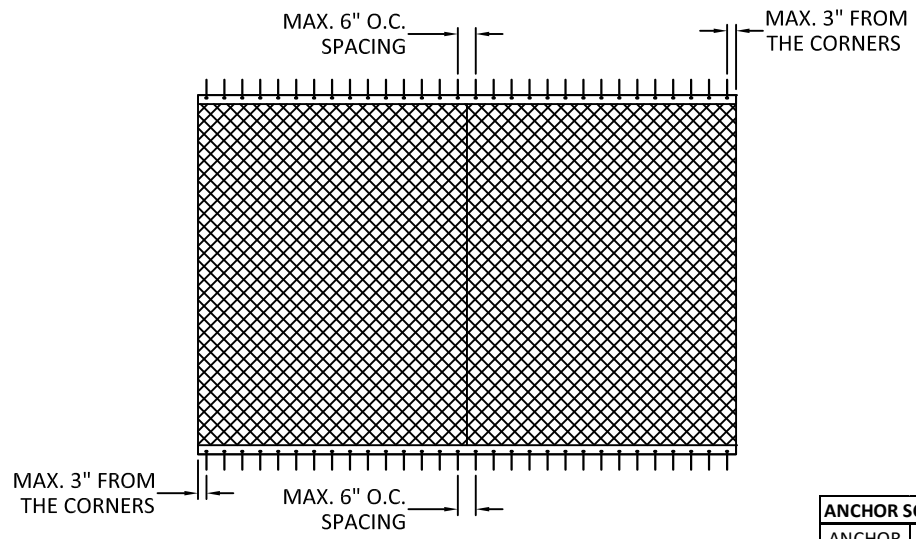
ANCHOR LAYOUT
ANCHOR TYPES: A, B, D, E, F, H



ANCHOR LAYOUT
ANCHOR TYPES: A, B, D, E, F, H



ANCHOR LAYOUT
ANCHOR TYPES: C, G, I



ANCHOR LAYOUT
ANCHOR TYPES: C, G, I

ANCHOR SCHEDULE:				
ANCHOR	DESCRIPTION	MATERIAL	EDGE DISTANCE	EMBEDMENT
A	3/8" POWERS WEDGE BOLT	MIN. 3000 PSI CONCRETE	3 3/4"	3 1/2"
B	5/16" ITW TAPCON	MIN. 3000 PSI CONCRETE	2 3/16"	2 1/4"
C	3/8" POWERS WEDGE BOLT	GROUT FILLED C-90 BLOCK f'm ≥ 1500 PSI	2"	2 1/2"
D	5/16" ITW TAPCON	GROUT FILLED C-90 BLOCK f'm ≥ 2000 PSI	4"	2 1/4"
E	#14 ELCO DRIL-FLEX SELF DRILLING SCREW	MIN. 1/4" 6063-T6 ALUM.	1/2"	3 THREADS PENETRATION
		A36 3/16" STEEL	3/8"	
F	5/16" ELCO ULTRACON	MIN. SG = 0.55 WOOD	1 1/2"	2"
G	1/4" ITW TAPCON	MIN. 3000 PSI CONCRETE	2 1/2"	1 3/4"
H	1/4"-20 SOLID SET MACHINE SCREW	MIN. 3000 PSI CONCRETE	3"	7/8"
I	1/4"-20 SOLID SET MACHINE SCREW	GROUT FILLED C-90 BLOCK f'm ≥ 1800 PSI	3"	7/8"

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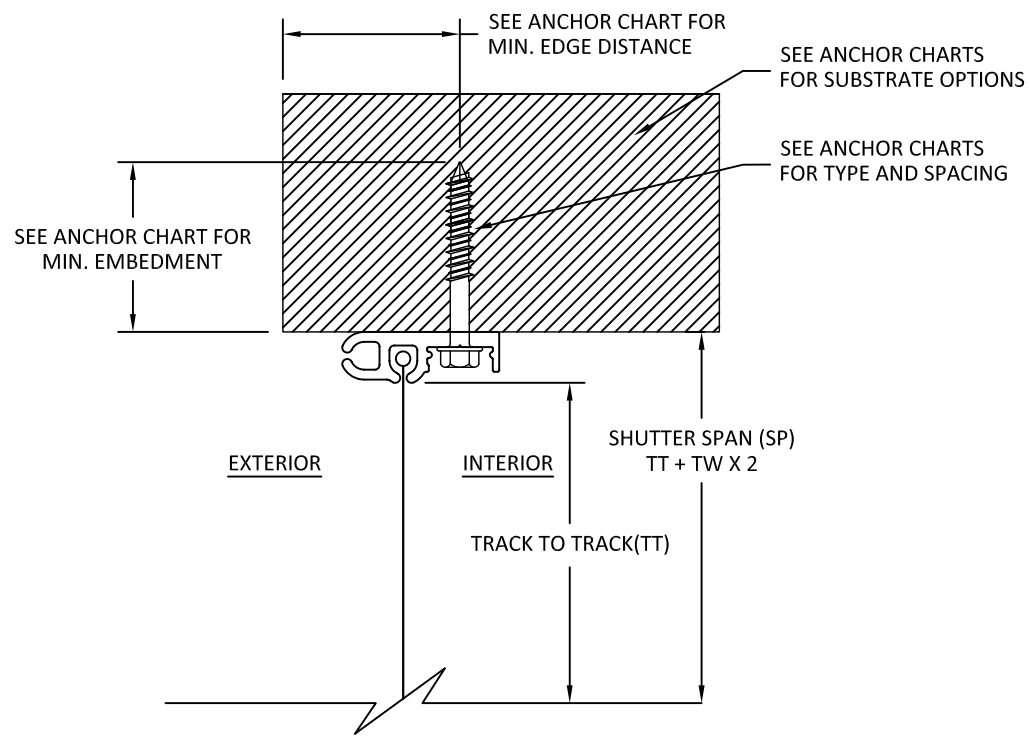
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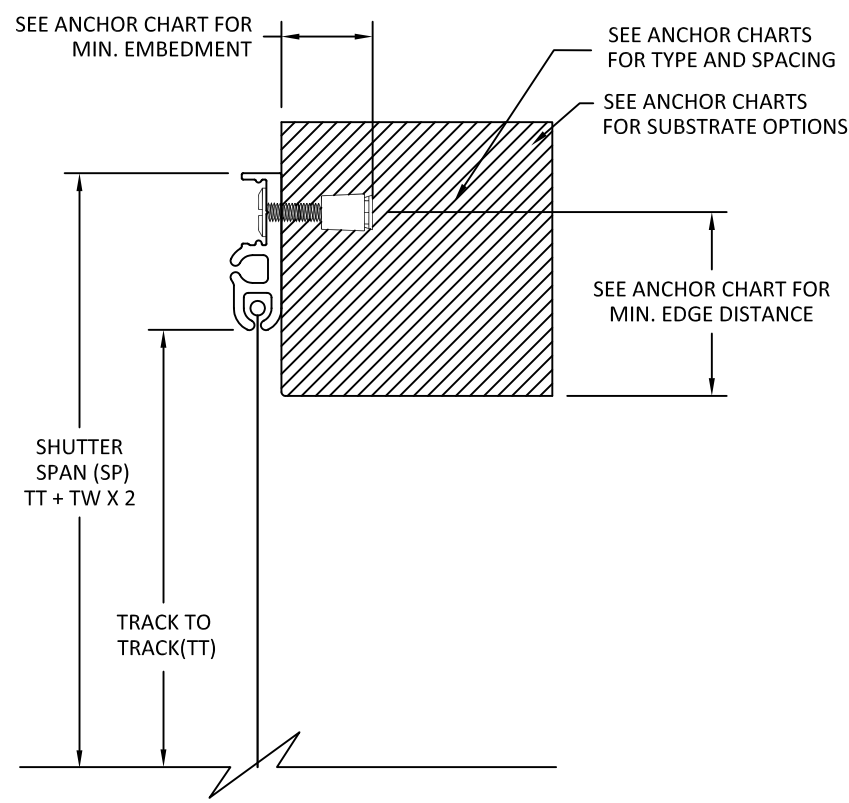
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OF 5



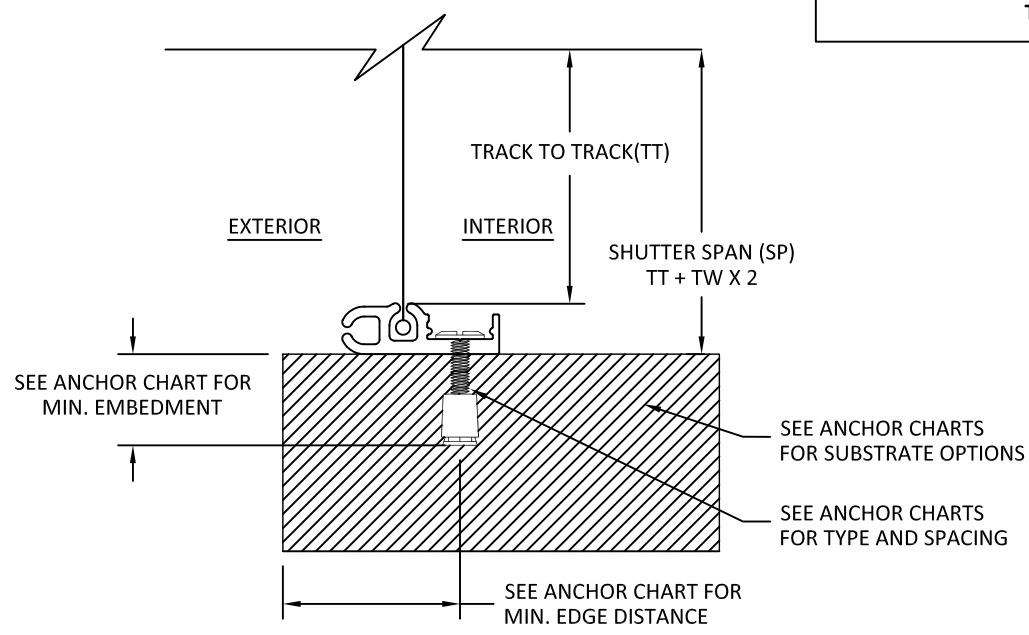
A
4 VERTICAL SECTION
INSIDE MOUNT HEAD



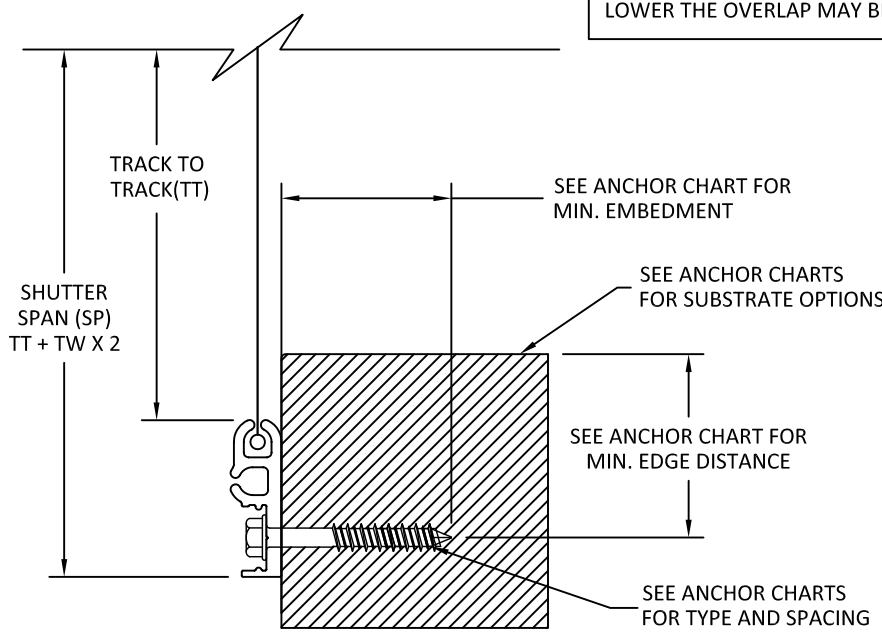
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4 VERTICAL SECTION
OUTSIDE MOUNT HEAD

COMBINATION MOUNTED:
INSIDE AND OUTSIDE MOUNT CAN BE USED TOGETHER

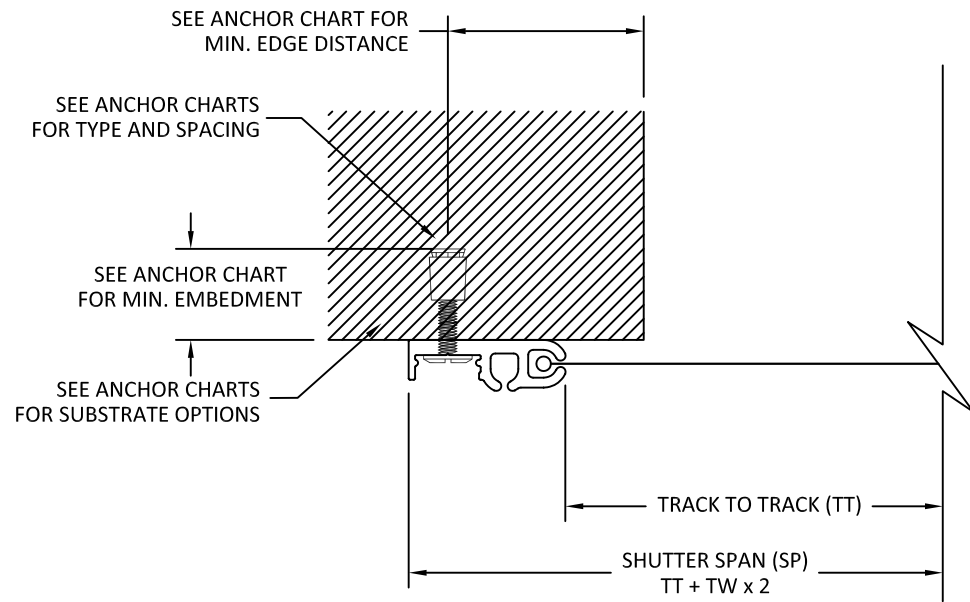
NOTE: FOR OUTSIDE MOUNTED INSTALLATIONS, FABRIC EDGES ALONG SIDES WHICH DO NOT UTILIZE TRACKS SHALL OVERLAP WITH THE WALL BY 6" FOR DESIGN PRESSURES UP TO 105 PSF. FOR A DESIGN PRESSURE OF 80 PSF OR LOWER THE OVERLAP MAY BE REDUCED TO 4".



C
4 VERTICAL SECTION
INSIDE MOUNT SILL

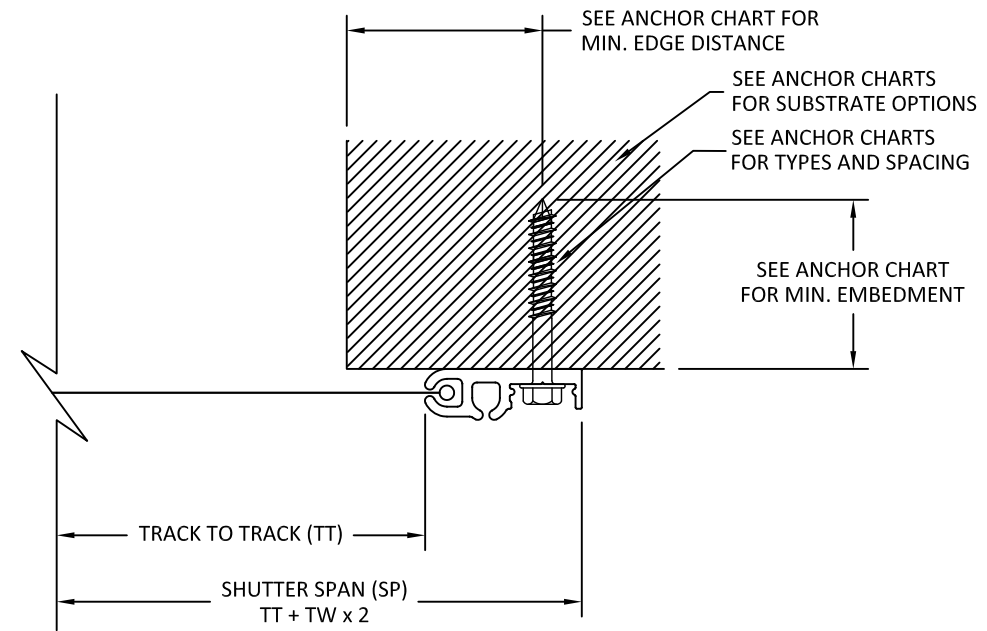


D
4 VERTICAL SECTION
OUTSIDE MOUNT SILL



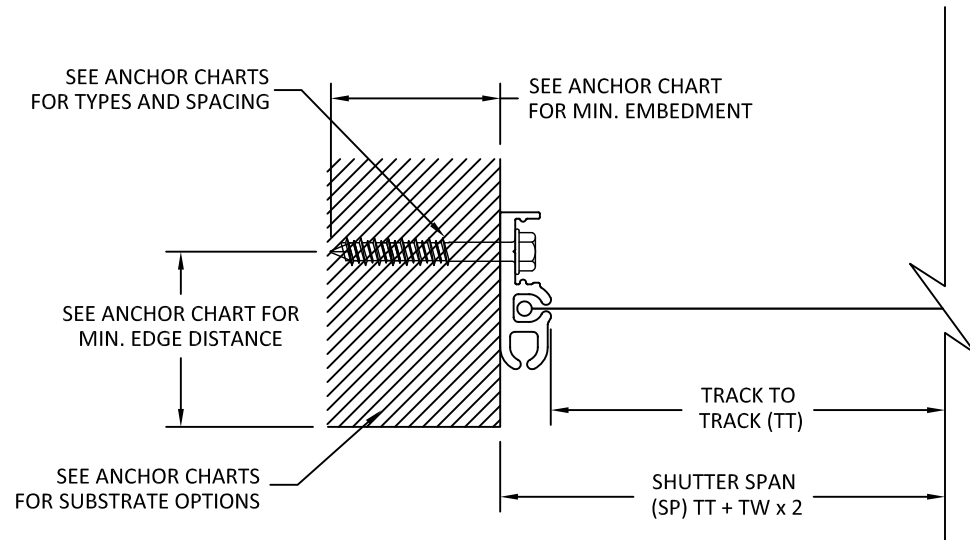
A
5 **HORIZONTAL SECTION**
OUTSIDE MOUNT
JAMB

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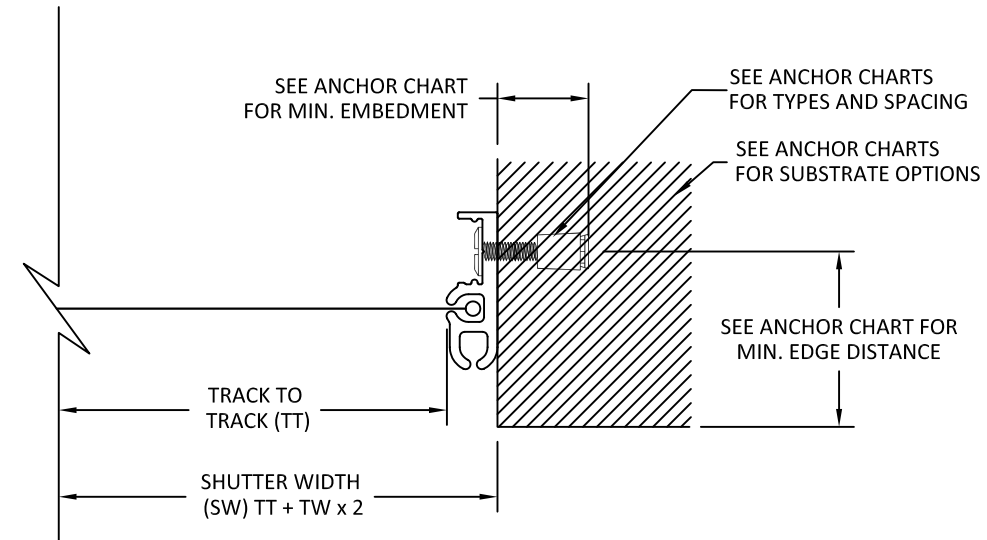


B
5 **HORIZONTAL SECTION**
OUTSIDE MOUNT
JAMB

COMBINATION MOUNTED:
INSIDE AND OUTSIDE MOUNT CAN BE USED
TOGETHER



C
5 **HORIZONTAL SECTION**
INSIDE MOUNT
JAMB



D
5 **HORIZONTAL SECTION**
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