

c:\users\dylanwata\building drops landing - common\projects\tubelite, inc\fbcc-24-1102.1 - fbc submittal - fl16992, fl41652 et 14000 series storefront, io storefront\dwgs\116992\tli004.dwg 12/12/2024 5:17 PM

TUBELITE, INC.

14000 SERIES STOREFRONT FRAMING

(NON-HVHZ) (NON-IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA 501-15
 - ASTM E283-19
 - ASTM E330-14(21)
 - ASTM E331-00(16)
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/ MASONRY, 2X FRAMING AND METAL 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.
- 1X AND 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- FRAME MATERIAL: ALUMINUM 6063-T5 MINIMUM
- ALL STRUCTURAL MATERIALS & DISSIMILAR METALS SHALL BE PROTECTED, TREATED, PAINTED, COATED, AND/OR ISOLATED AS REQUIRED IN THE APPLICABLE SECTIONS OF THE CURRENT FLORIDA BUILDING CODE AND REFERENCED DESIGN SPECIFICATIONS.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SECTION 3 FOR GLAZING DETAILS.
- GLASS SHALL BE SET WITH THE USE OF SETTING BLOCKS IN ACCORDANCE WITH CHAPTER 24 OF THE CURRENT FLORIDA BUILDING CODE.
- GLAZING GASKETS SHALL MEET THE MINIMUM PERFORMANCE REQUIREMENTS AS APPLICABLE IN CHAPTER 24 OF THE FLORIDA BUILDING CODE.

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MISSILE IMPACT RATING	DESIGN PRESSURE
NOT IMPACT RATED	SEE SECTIONS 3, 5, 8, AND 9 FOR DESIGN PRESSURE LIMITATIONS. THE LOWEST APPLICABLE VALUE SHALL BE APPLIED TO THE ENTIRE SYSTEM.

TUBELITE®
DEPENDABLE

LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

3056 WALKER RIDGE DRIVE N.W.
WALKER, MICHIGAN 49544
PH: 800 866 2227 FX: 616 301 0008

TITLE:
14000 SERIES
STOREFRONT FRAMING
(NON-HVHZ)(NON-IMPACT)
GENERAL NOTES AND
TABLE OF CONTENTS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS

BY

DATE

FBC 2020 UPDATE

LL

10/28

FBC 2023 REVISION

FB

08/25/23

TU ADDITION

MS

10/08/24

MULLION ADDITION

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No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
FLORIDA RES. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL16992

DATE:

03.26.19

DWG. BY:

RV

CHK. BY:

HFN

SCALE:

NTS

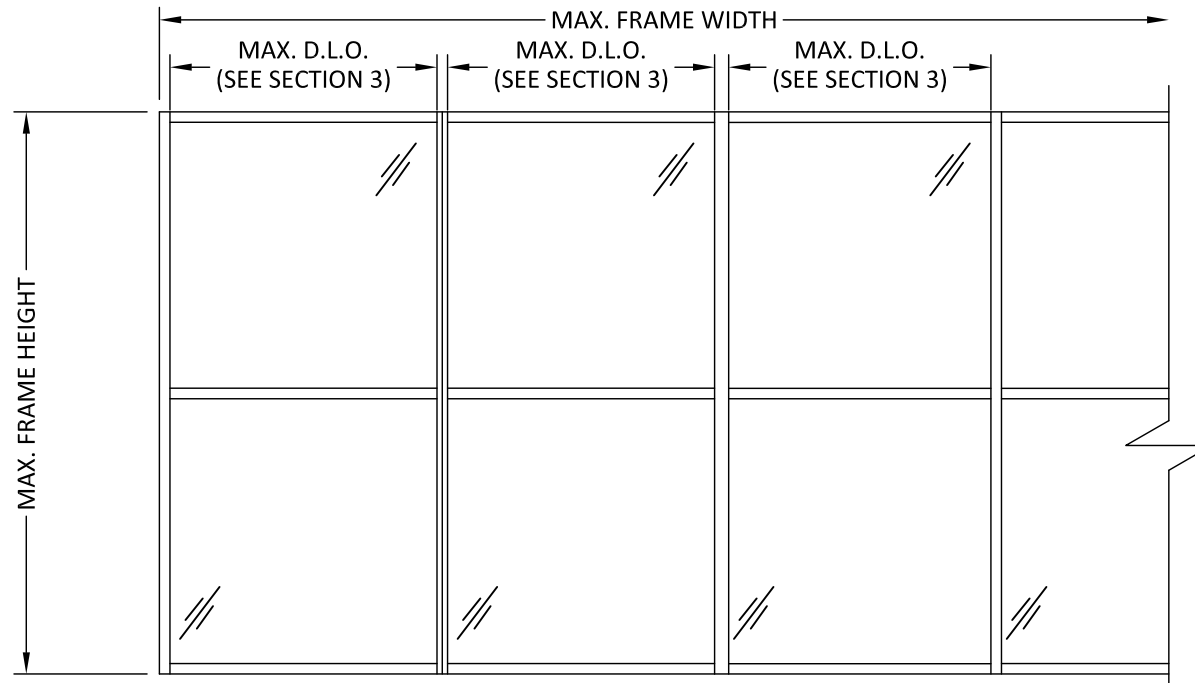
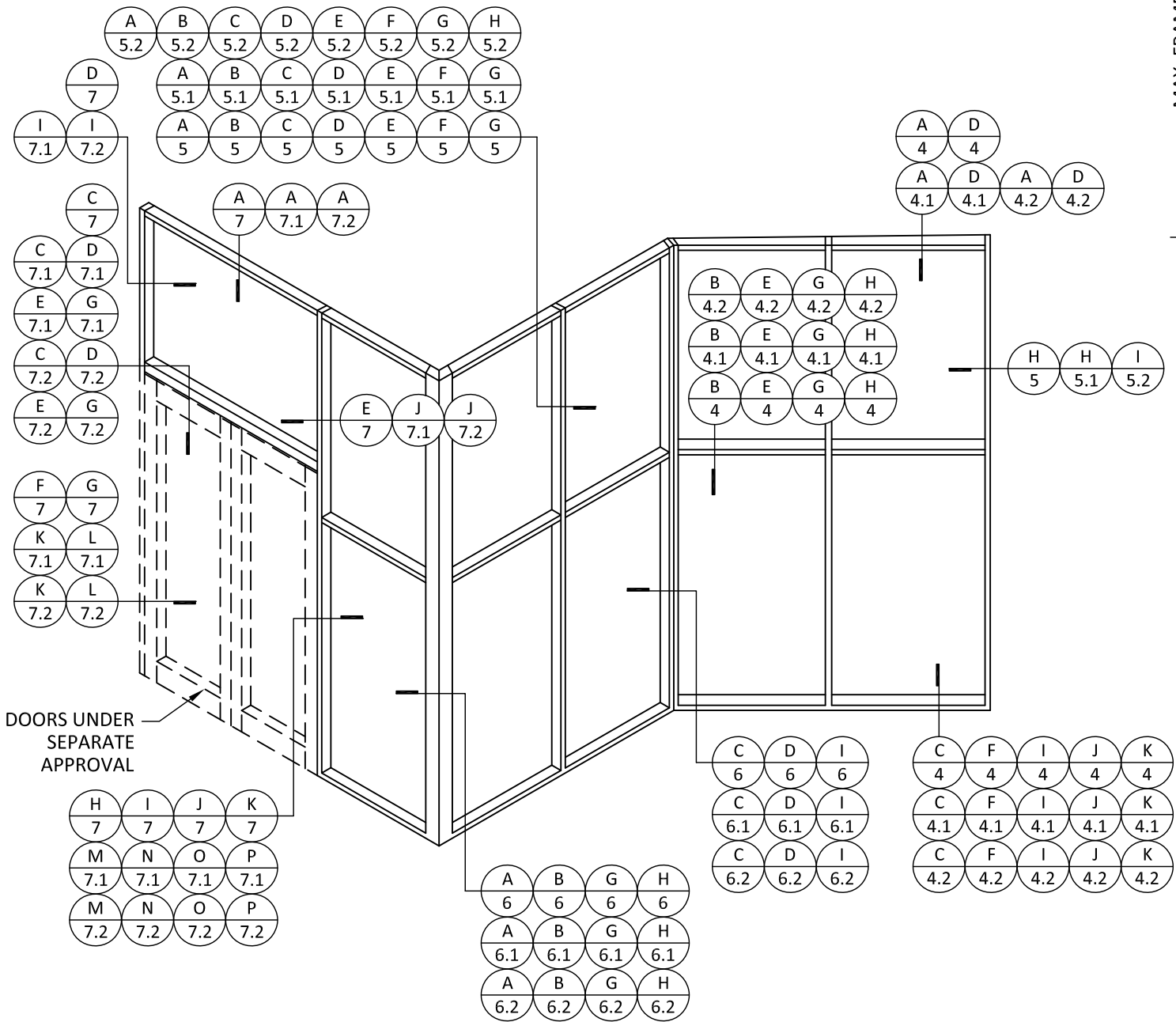
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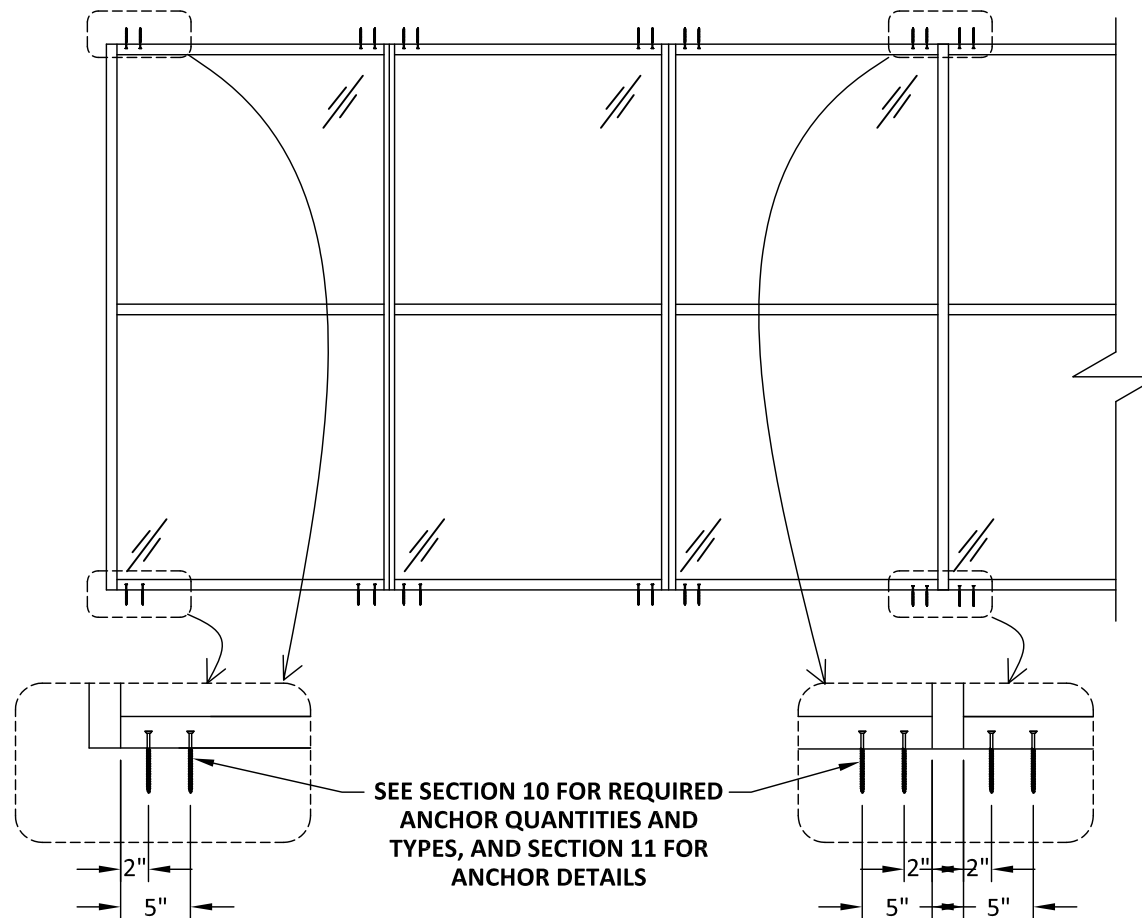
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A STOREFRONT ELEVATION
2 ELEVATION



B STOREFRONT ELEVATION
2 TYPICAL ANCHOR LAYOUT

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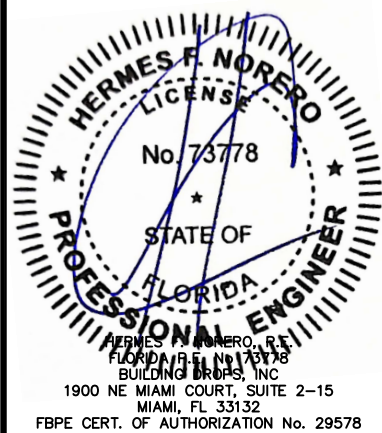
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STOREFRONT FRAMING
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ELEVATIONS AND ANCHOR LAYOUT

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DATE: 03.26.19

DWG. BY: RV CHK. BY: HFN

SCALE: NTS

DWG. #: TLI004

SECTION 2

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GLASS LOAD CAPACITY		
D.L.O. WIDTH (INCH)	D.L.O. HEIGHT (INCH)	DESIGN PRESSURE (+/- PSF)
30	43.5	45.0
33		43.3
36		39.8
39		36.8
42		34.2
45		32.0
48		30.3
51		28.9
54		27.7
57		26.8
60		26.0
63		25.3
66		24.7
69		24.2
72		23.7
75		23.3
78		23.0
81	49.5	22.7
84		22.4
87		22.1
90		21.9
93		16.3
30		45.0
33		43.3
36		39.8
39		36.8
42		34.2
45		32.0
48		30.0
51		28.3
54		26.9
57		25.8
60		24.8
63		24.0
66		23.3
69		22.7
72		22.2
75		21.8
78		21.4
81		21.0
84	55.5	15.6
30		45.0
33		43.3
36		39.8
39		36.8
42		34.2
45		32.0
48		30.0
51		28.3
54		26.7
57		25.3
60		24.2
63		23.3
66		22.5
69		21.8
72		21.2
75		15.6

GLASS LOAD CAPACITY		
D.L.O. WIDTH (INCH)	D.L.O. HEIGHT (INCH)	DESIGN PRESSURE (+/- PSF)
30	61.5	45.0
33		42.4
36		39.8
39		36.8
42		34.2
45		32.0
48		30.0
51		28.3
54		26.7
57		25.3
60		24.1
63		23.0
66		16.6
27		45.0
30		43.7
33		41.0
36	67.5	38.8
39		36.8
42		34.2
45		32.0
48		30.0
51		28.3
54		26.7
57		25.3
60		18.1
27		45.0
30		42.7
33		39.9
36		37.7
39		35.8
42		34.2
45		32.0
48		30.0
51		28.3
54		26.7
27	79.5	45.0
30		41.9
33		39.1
36		36.8
39		34.8
42		33.2
45		31.9
48		30.0
51		21.3
27		44.9
30		41.4
33		38.5
36		36.2
39		34.2
42		32.6
45		31.2
48		30.0

GLASS LOAD CAPACITY		
D.L.O. WIDTH (INCH)	D.L.O. HEIGHT (INCH)	DESIGN PRESSURE (+/- PSF)
27	85.5	44.7
30		41.2
33		38.4
36		36.0
39		34.1
42		32.4
45		31.0
48		22.6
27		44.7
30		41.2
33		38.4
36		36.0
39		34.1
42		32.4
45		31.0
48		22.6
27	91.5	44.2
30		40.7
33		37.8
36		35.4
39		33.4
42		31.7
45		24.1
27		43.7
30		40.2
33		37.3
36		34.9
39		32.9
42		25.8
27		43.3
30		39.7
33		36.8
36		34.4
39	103.5	27.7
27		43.0
30		39.4
33		36.4
36		34.0
27		42.6
30		39.0
33		36.1
36		30.0
27		42.4
30		38.8
33		35.8
27		42.1
30		38.5
27		41.9
30		38.3
27	121.5	38.3
30		38.3
27		139.5
27		145.5
27		151.5

GLAZING DETAILS AND DESIGN PRESSURE TABLE

7/8" O.A INSULATED GLASS
CONSISTING OF:
1/4" TEMPERED GLASS
3/8" ALUMINUM OR SS SPACER
1/4" TEMPERED GLASS

EXTERIOR INTERIOR

A
3 GLAZING DETAIL 1

15/16" O.A INSULATED GLASS
CONSISTING OF:
1/4" TEMPERED GLASS
7/16" ALUMINUM OR SS SPACER
1/4" TEMPERED GLASS

EXTERIOR INTERIOR

B
3 GLAZING DETAIL 2

1" O.A INSULATED GLASS
CONSISTING OF:
1/4" TEMPERED GLASS
1/2" ALUMINUM OR SS SPACER
1/4" TEMPERED GLASS

EXTERIOR INTERIOR

C
3 GLAZING DETAIL 3

1-1/16" O.A INSULATED GLASS
CONSISTING OF:
1/4" TEMPERED GLASS
9/16" ALUMINUM OR SS SPACER
1/4" TEMPERED GLASS

EXTERIOR INTERIOR

D
3 GLAZING DETAIL 4

1-1/8" O.A INSULATED GLASS
CONSISTING OF:
1/4" TEMPERED GLASS
5/8" ALUMINUM OR SS SPACER
1/4" TEMPERED GLASS

EXTERIOR INTERIOR

E
3 GLAZING DETAIL 5

GLAZING NOTES:

- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- TWO APPROVED SETTING BLOCKS SHALL BE USED FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN SIZE CHARTS.

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GLAZING DETAILS AND DESIGN
PRESSURE TABLE

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RV

CHK. BY:
HFN

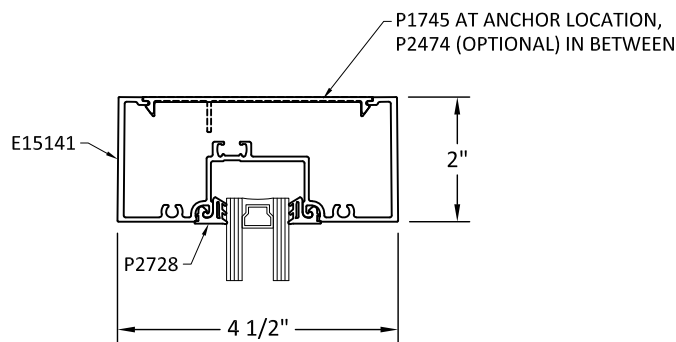
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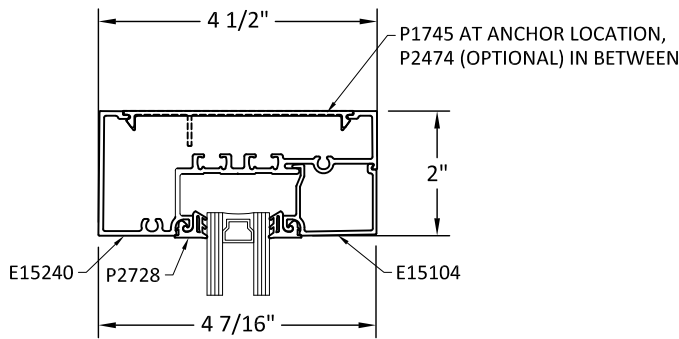
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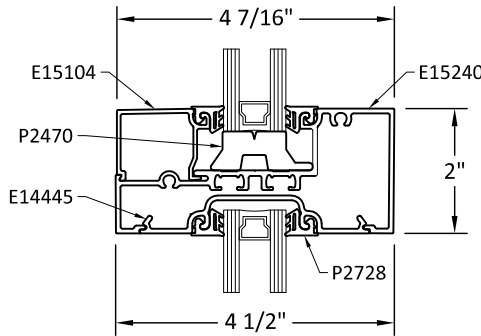
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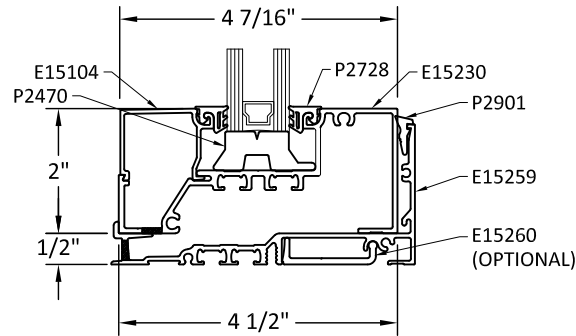
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OUTSIDE GLAZED



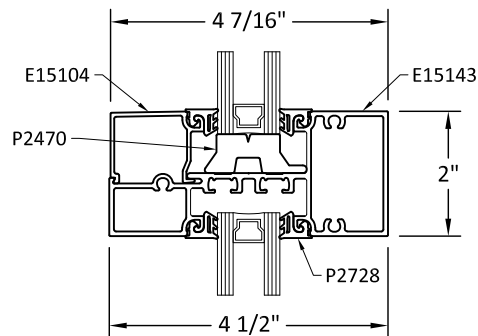
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4
HEAD
INSIDE GLAZED



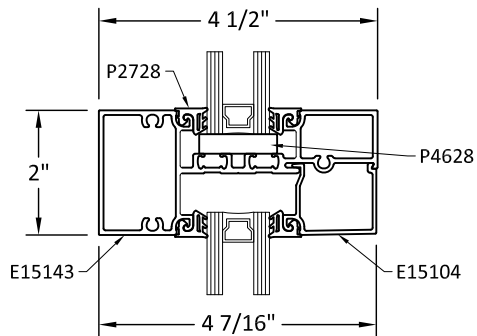
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OUTSIDE GLAZED



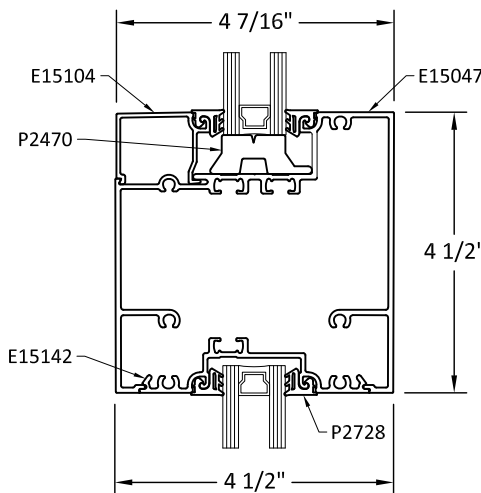
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4
SILL
OUTSIDE GLAZED



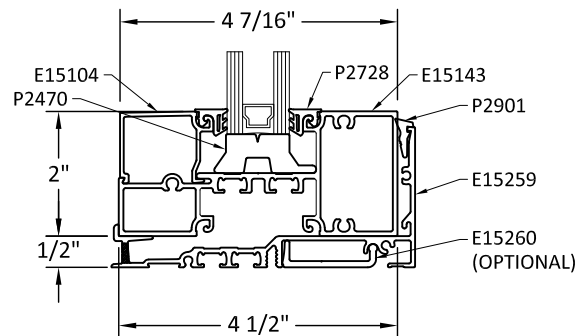
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4
HORIZONTAL
OUTSIDE GLAZED



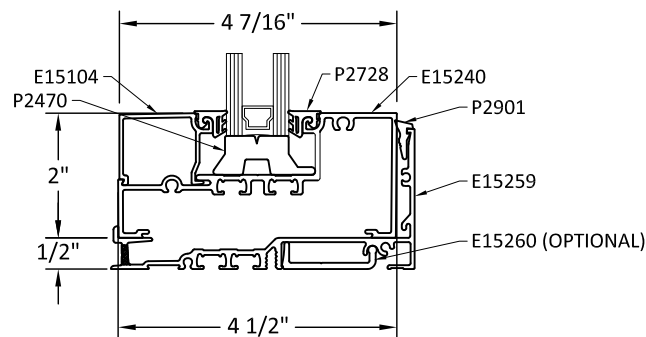
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INSIDE GLAZED



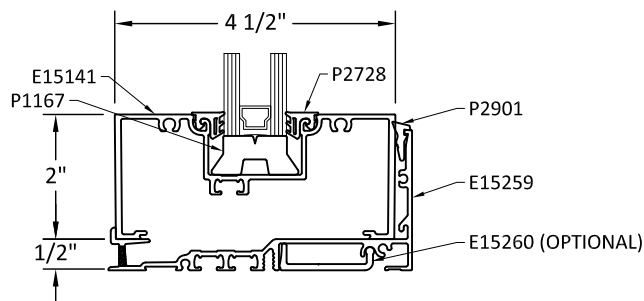
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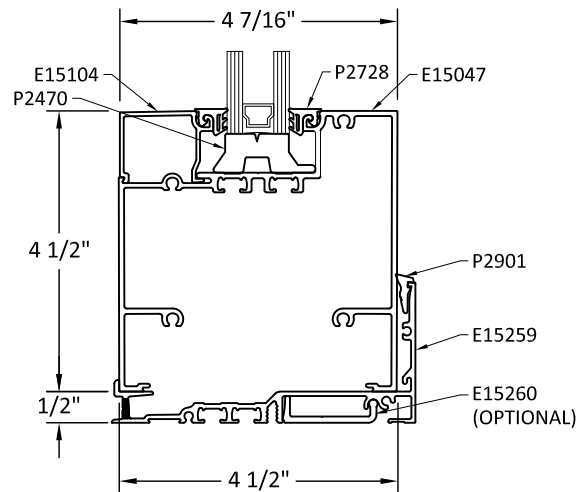
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4
SILL
OUTSIDE GLAZED



C
4
SILL
OUTSIDE GLAZED



F
4
SILL
INSIDE GLAZED



K
4
SILL
OUTSIDE GLAZED

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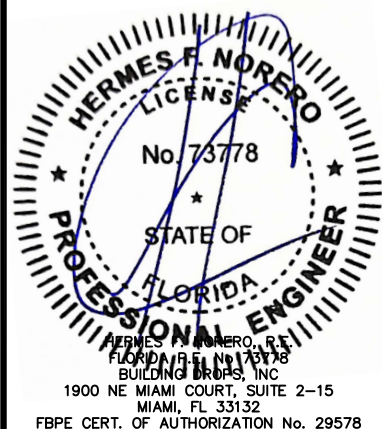
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STOREFRONT FRAMING
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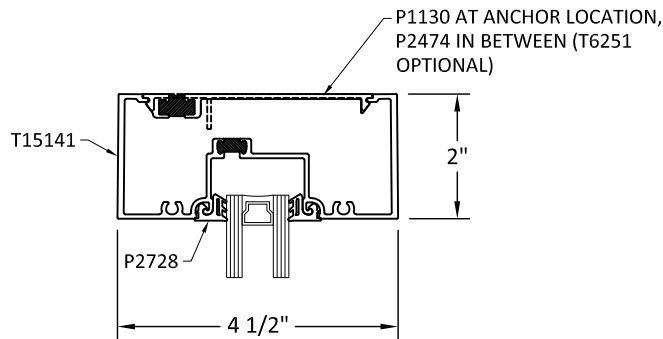
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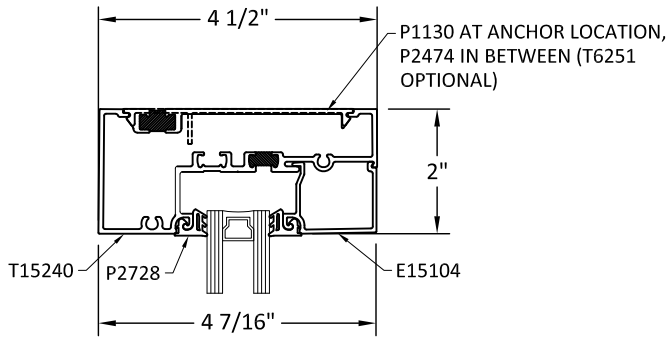
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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	TLI004
SECTION	4

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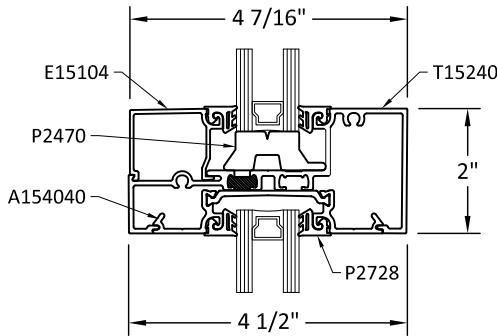
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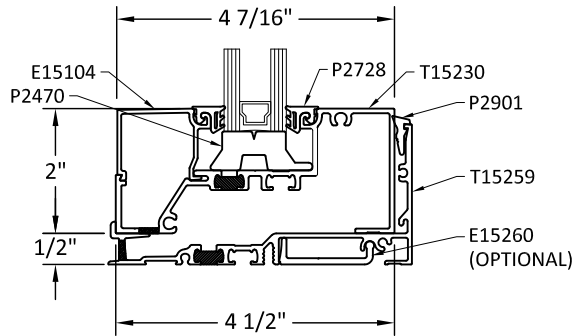
A
4.1
HEAD
OUTSIDE GLAZED



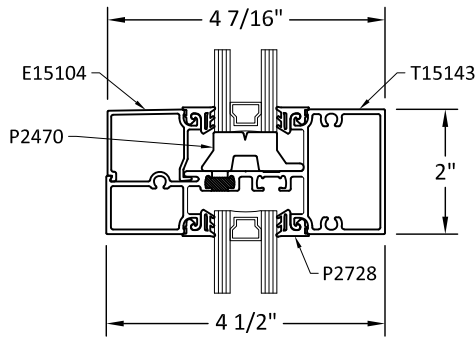
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HEAD
INSIDE GLAZED



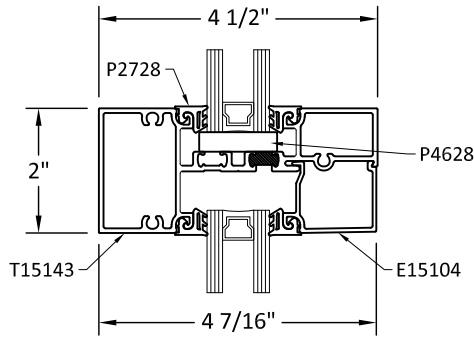
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OUTSIDE GLAZED



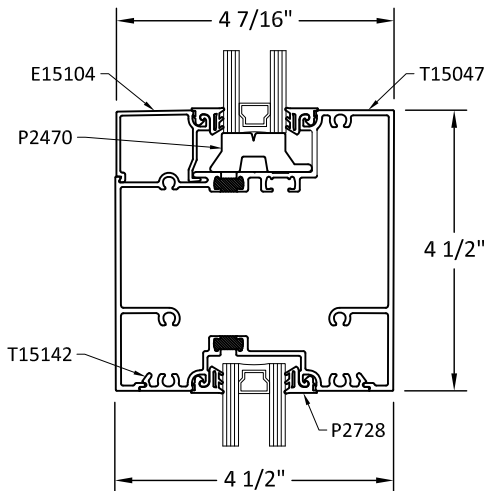
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OUTSIDE GLAZED



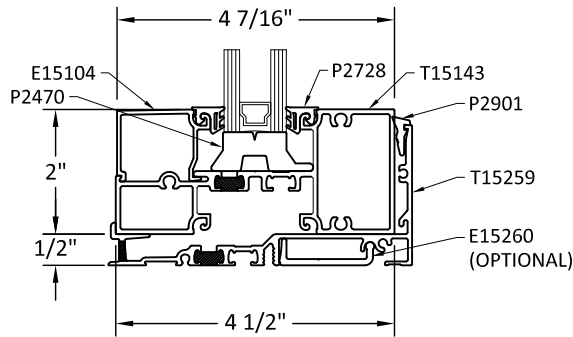
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HORIZONTAL
OUTSIDE GLAZED



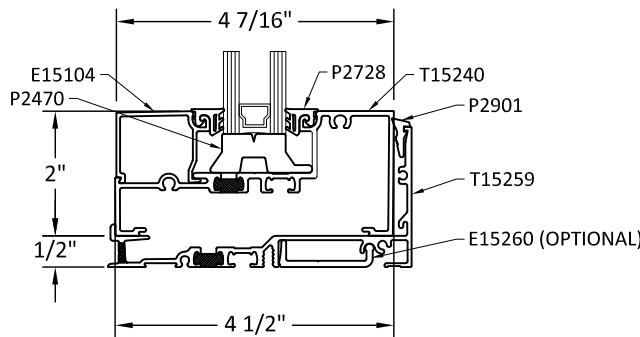
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4.1
HORIZONTAL
INSIDE GLAZED



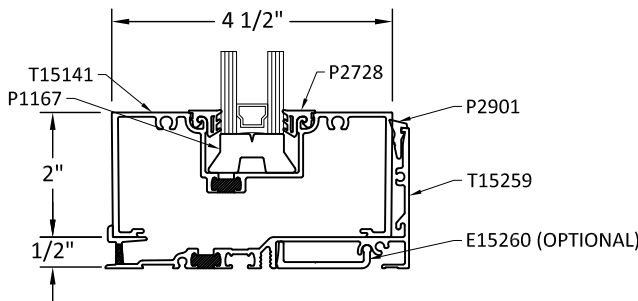
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OUTSIDE GLAZED



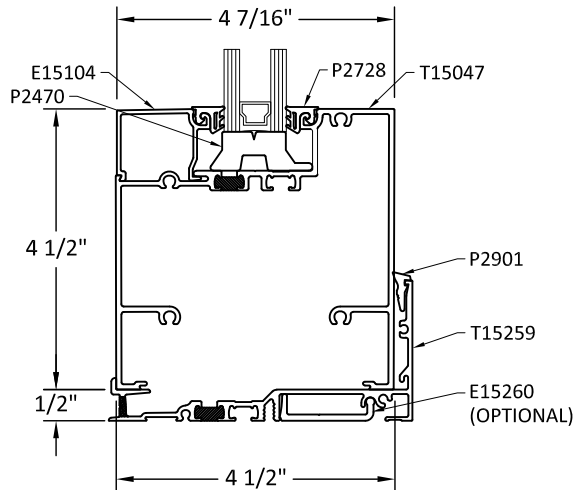
J
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SILL
OUTSIDE GLAZED



C
4.1
SILL
OUTSIDE GLAZED



F
4.1
SILL
INSIDE GLAZED



K
4.1
SILL
OUTSIDE GLAZED

TUBELITE
DEPENDABLE
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

3056 WALKER RIDGE DRIVE N.W.
WALKER, MICHIGAN 49544
PH: 800 866 2227 FX: 616 301 0008

TITLE: 14000 SERIES
STOREFRONT FRAMING
(NON-HVHZ)/(NON-IMPACT)
HORIZONTAL DETAILS (T14000)

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
FBC 2020 UPDATE	LL	10/28
FBC 2023 REVISION	FB	08/25/23
TU ADDITION	MS	10/08/24
MULLION ADDITION	DI	12/12/24

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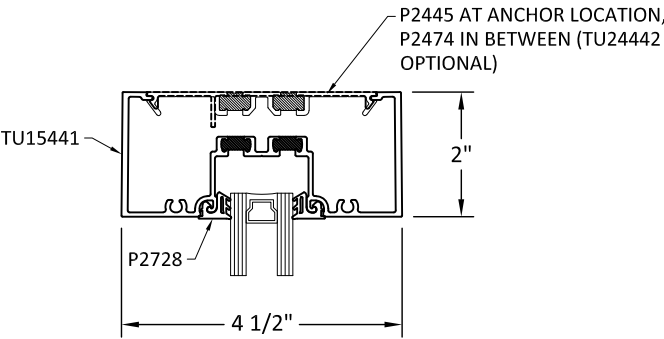
FL #:	FL16992
DATE:	03.26.19
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	TLI004

SECTION

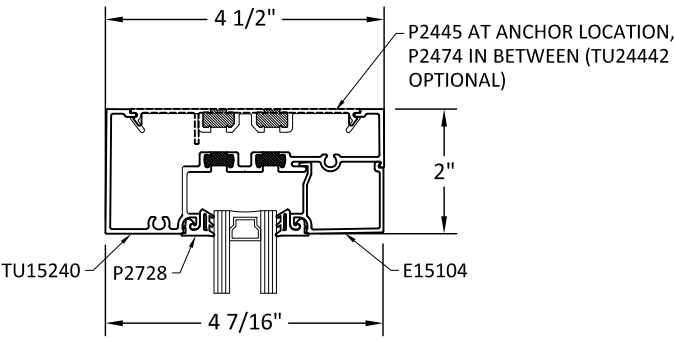
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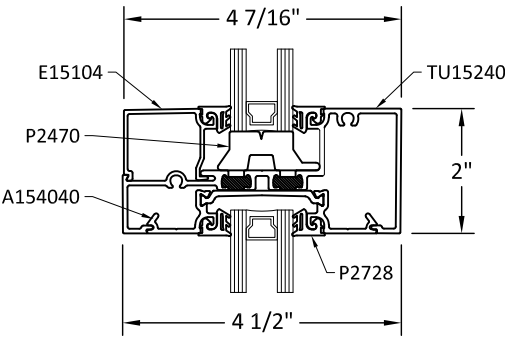
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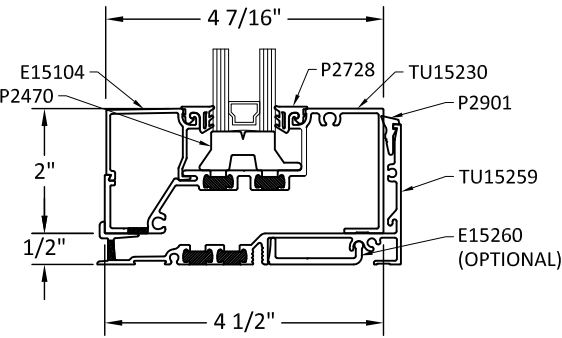
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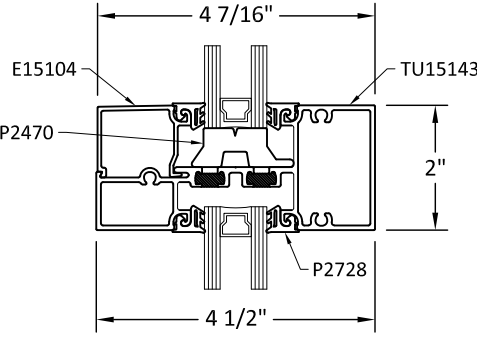
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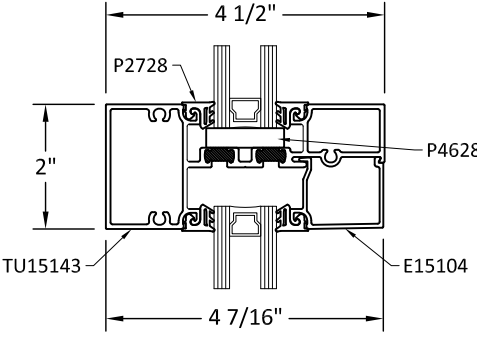
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OUTSIDE GLAZED



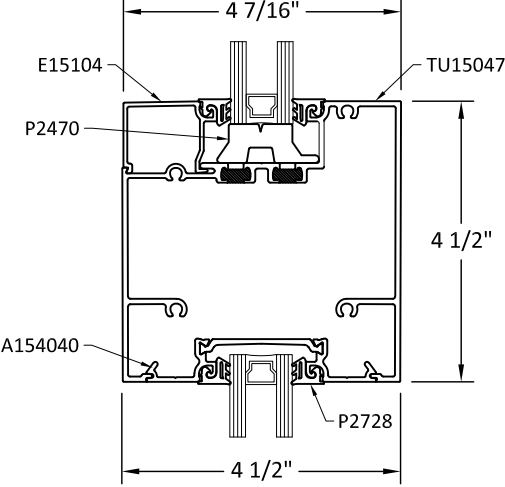
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OUTSIDE GLAZED



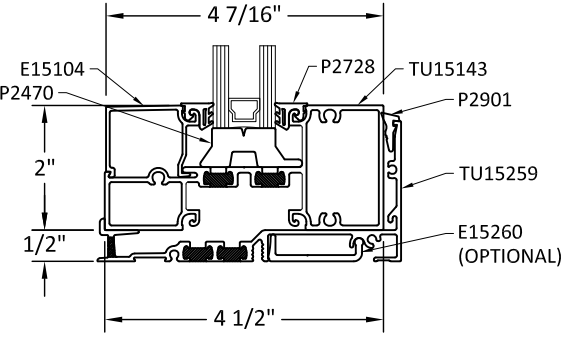
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HORIZONTAL
OUTSIDE GLAZED



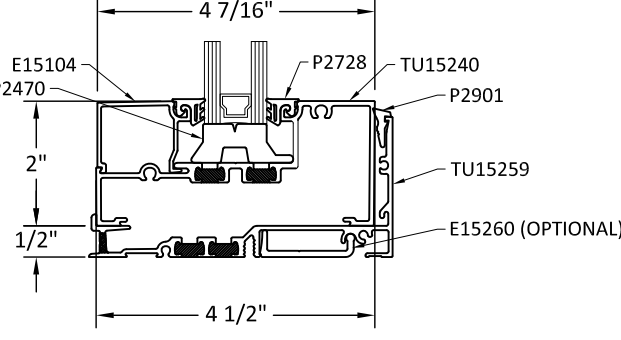
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HORIZONTAL
INSIDE GLAZED



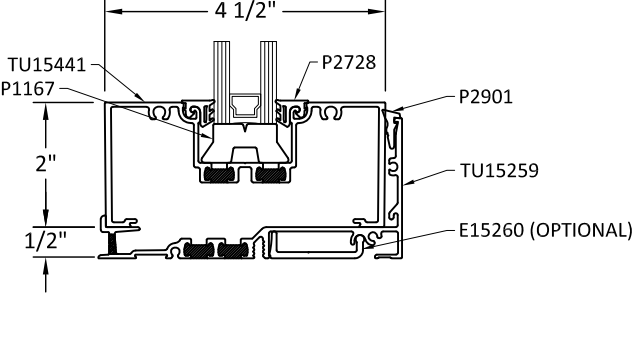
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OUTSIDE GLAZED



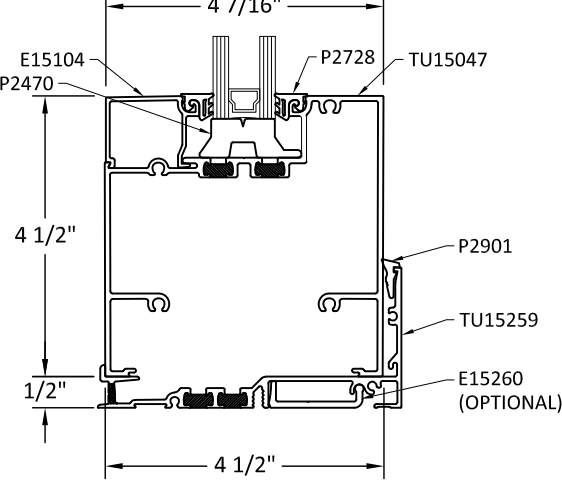
J
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SILL
OUTSIDE GLAZED



C
4.2
SILL
OUTSIDE GLAZED



F
4.2
SILL
INSIDE GLAZED



K
4.2
SILL
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TUBELITE
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CURTAINWALL AND ENTRANCE SYSTEMS

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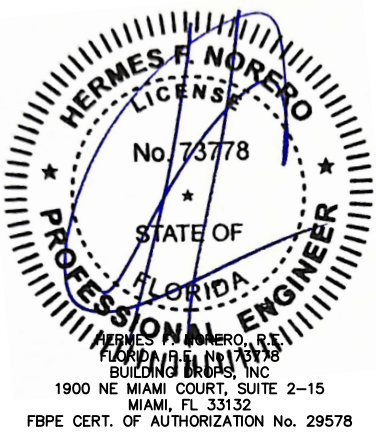
TITLE: 14000 SERIES
STOREFRONT FRAMING
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HORIZONTAL DETAILS (TU14000)

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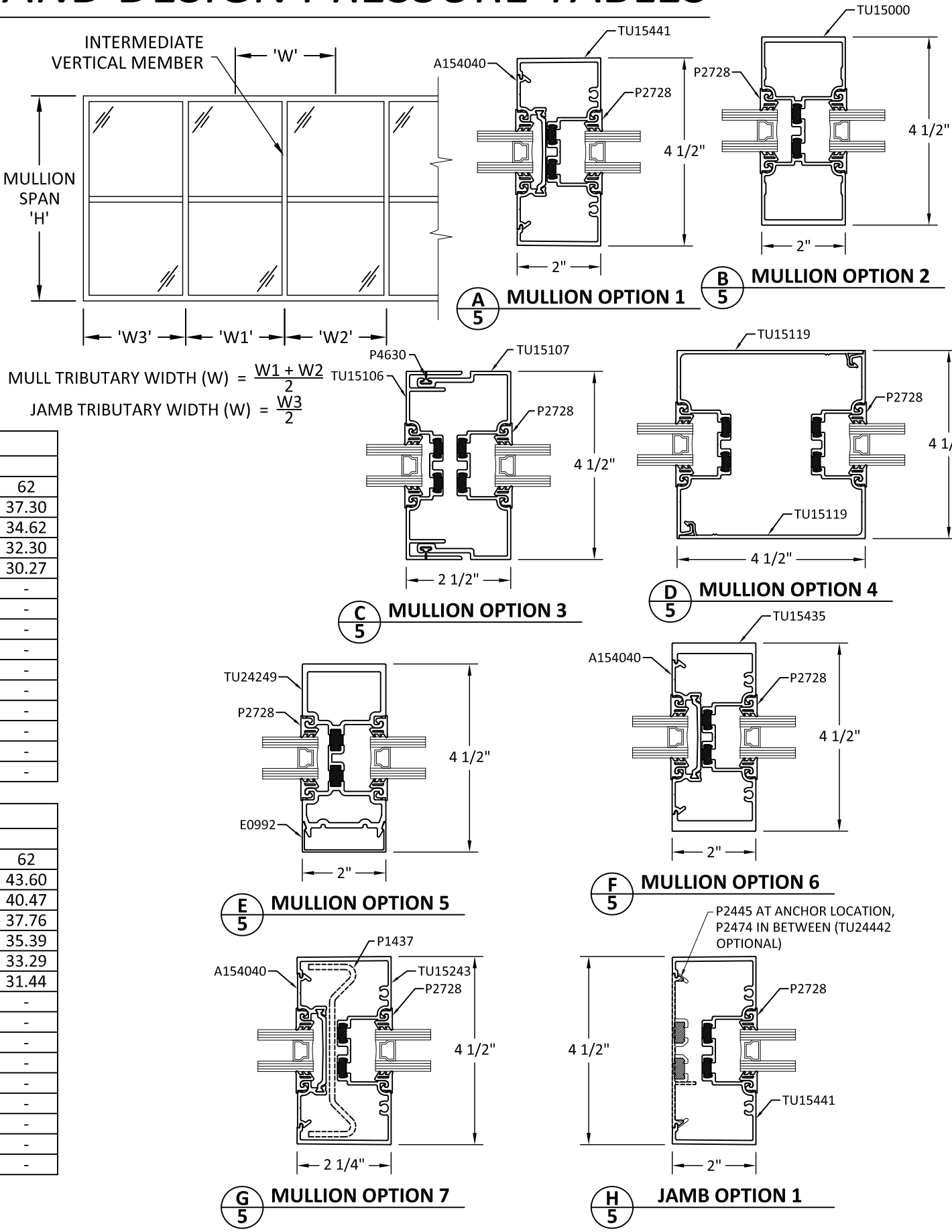
FL #:	FL16992
DATE:	03.26.19
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	TLI004
SECTION	4.2

VERTICAL DETAILS (TU14000) AND DESIGN PRESSURE TABLES

DESIGN PRESSURE TABLE (PSF) - MULLION OPTIONS 1, 2, 3, 4, 5, 8												
MULL SPAN 'H' (INCHES)	TRIBUTARY WIDTH (INCHES)											
	26	29	32	35	38	41	44	47	50	53	56	59
78	45.00	45.00	45.00	45.00	45.00	44.64	41.60	38.94	36.60	34.53	32.68	31.02
84	45.00	45.00	45.00	45.00	44.70	41.43	38.61	36.14	33.97	32.05	30.33	-
90	45.00	45.00	45.00	45.00	41.71	38.65	36.02	33.72	31.70	-	-	-
96	45.00	45.00	45.00	42.44	39.09	36.23	33.76	31.60	-	-	-	-
102	45.00	45.00	42.22	38.60	35.55	32.95	30.70	-	-	-	-	-
108	45.00	43.99	39.86	36.45	33.57	31.11	-	-	-	-	-	-
114	45.00	41.66	37.76	34.52	31.79	22.96	-	-	-	-	-	-
120	44.13	39.57	35.86	32.79	30.20	-	-	-	-	-	-	-
126	38.10	34.16	30.96	28.30	-	-	-	-	-	-	-	-
132	33.12	29.69	26.91	17.29	-	-	-	-	-	-	-	-
138	28.97	25.97	23.54	-	-	-	-	-	-	-	-	-
144	25.49	22.85	14.55	-	-	-	-	-	-	-	-	-
150	22.54	20.21	-	-	-	-	-	-	-	-	-	-
156	20.03	17.96	-	-	-	-	-	-	-	-	-	-

DESIGN PRESSURE TABLE (PSF) - JAMB OPTION 1, MULLION OPTION 6													
MULL SPAN 'H' (INCHES)	TRIBUTARY WIDTH (INCHES)												
	26	29	32	35	38	41	44	47	50	53	56	59	62
78	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	43.64	41.30	39.20	37.30
84	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	42.93	40.50	38.33	36.38	34.62
90	45.00	45.00	45.00	45.00	45.00	45.00	45.00	42.61	40.06	37.79	35.76	33.95	32.30
96	45.00	45.00	45.00	45.00	45.00	45.00	42.66	39.94	37.54	35.41	33.52	31.81	30.27
102	45.00	45.00	45.00	45.00	45.00	43.07	40.14	37.57	35.32	33.32	31.54	-	-
108	45.00	45.00	45.00	45.00	43.88	40.67	37.90	35.48	33.35	31.46	-	-	-
114	45.00	45.00	45.00	45.00	41.56	38.52	35.89	33.60	31.59	-	-	-	-
120	45.00	45.00	45.00	42.86	39.47	36.59	34.09	31.91	30.00	-	-	-	-
126	45.00	44.65	40.47	37.00	34.08	31.58	29.43	27.55	-	-	-	-	-
132	43.30	38.82	35.18	32.16	29.62	27.46	25.58	-	-	-	-	-	-
138	37.87	33.95	30.77	28.13	25.91	24.02	-	-	-	-	-	-	-
144	33.32	29.87	27.07	24.75	22.80	21.13	-	-	-	-	-	-	-
150	29.46	26.42	23.94	21.89	20.16	-	-	-	-	-	-	-	-
156	26.18	23.48	21.27	19.45	17.92	-	-	-	-	-	-	-	-

DESIGN PRESSURE TABLE (PSF) - MULLION OPTION 7													
MULL SPAN 'H' (INCHES)	TRIBUTARY WIDTH (INCHES)												
	26	29	32	35	38	41	44	48	50	53	56	59	62
78	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	43.60
84	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	44.81	42.53	40.47
90	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	44.17	41.80	39.68	37.76
96	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	43.88	41.39	39.18	37.19	35.39
102	45.00	45.00	45.00	45.00	45.00	45.00	45.00	43.00	41.28	38.95	36.86	34.99	33.29
108	45.00	45.00	45.00	45.00	45.00	45.00	44.30	40.60	38.98	36.77	34.80	33.03	31.44
114	45.00	45.00	45.00	45.00	45.00	45.00	41.95	38.46	36.92	34.83	32.96	31.29	-
120	45.00	45.00	45.00	45.00	45.00	42.76	39.85	36.53	35.07	33.08	31.31	-	-
126	45.00	45.00	45.00	45.00	43.93	40.72	37.94	34.78	33.39	31.50	-	-	-
132	45.00	45.00	45.00	45.00	41.93	38.86	36.21	33.19	31.87	30.06	-	-	-
138	45.00	45.00	45.00	43.54	40.10	37.17	34.63	31.75	30.48	-	-	-	-
144	45.00	45.00	45.00	41.72	38.42	35.61	33.18	30.42	-	-	-	-	-
146	45.00	45.00	45.00	41.14	37.89	35.12	32.73	30.00	-	-	-	-	-
150	45.00	45.00	41.48	37.93	34.93	32.38	30.17	-	-	-	-	-	-
156	45.00	40.68	36.86	33.70	31.04	28.77	26.81	-	-	-	-	-	-



TUBELITE
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14000 SERIES
STOREFRONT FRAMING
(NON-HVHZ)/(NON-IMPACT)
VERTICAL DETAILS (TU14000)
AND DESIGN PRESSURES TABLES

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BUILDING DROPS

TITLE:

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BY

DATE

FBC 2020 UPDATE

LL

10/28

FBC 2023 REVISION

FB

08/25/23

TU ADDITION

MS

10/08/24

MULLION ADDITION

DI

12/12/24

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HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
FLORIDA LICENSE NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL16992

DATE:

03.26.19

DWG. BY:

RV

CHK. BY:

HFN

SCALE:

NTS

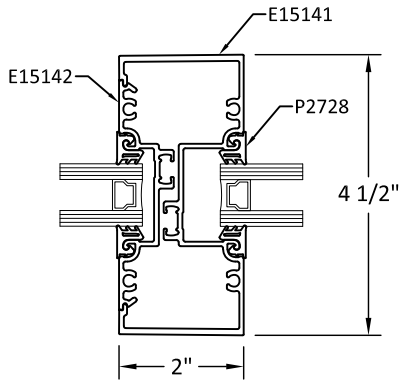
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TLI004

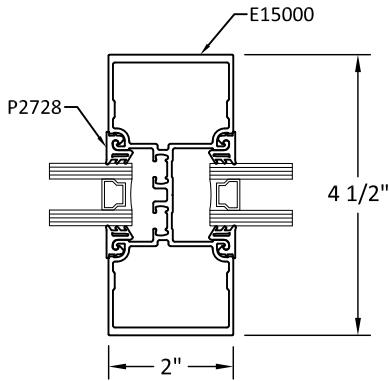
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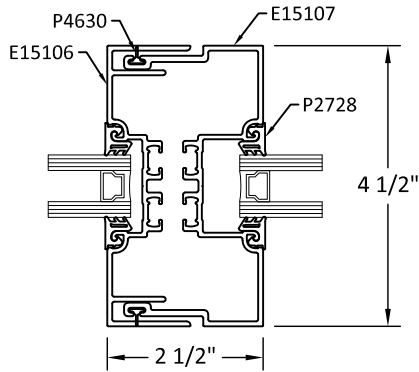
VERTICAL DETAILS (E14000)



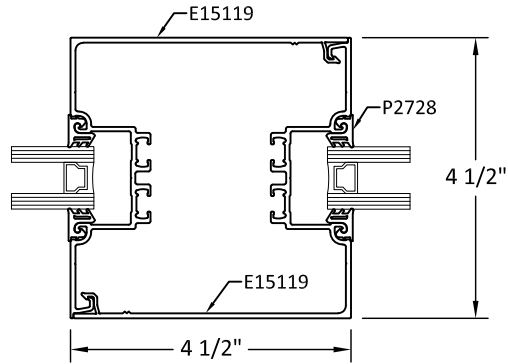
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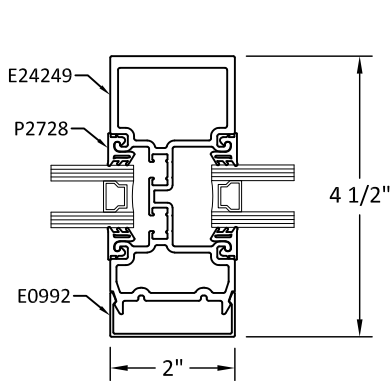
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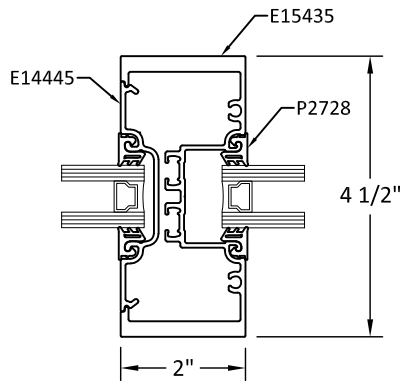
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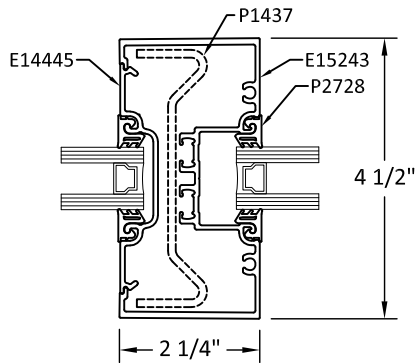
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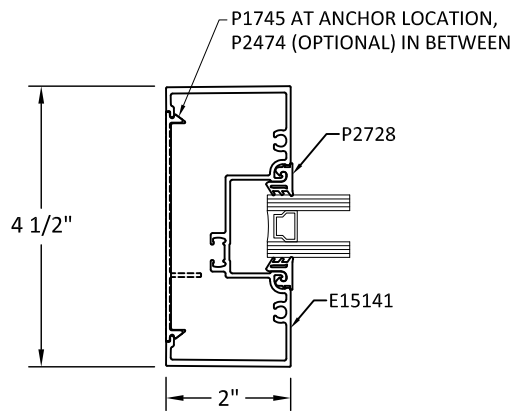
E 5.1 MULLION OPTION 5



F 5.1 MULLION OPTION 6



G 5.1 MULLION OPTION 7



H 5.1 JAMB OPTION 1

SEE SECTION 5 FOR DESIGN PRESSURES.

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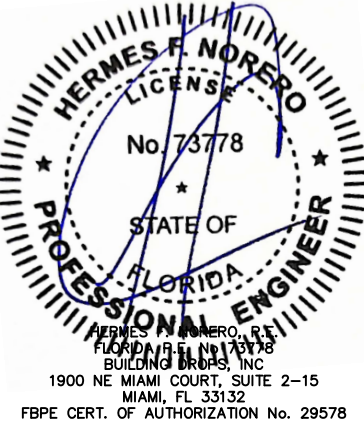
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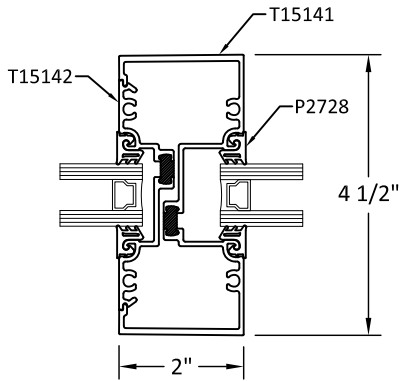
REMARKS	BY	DATE
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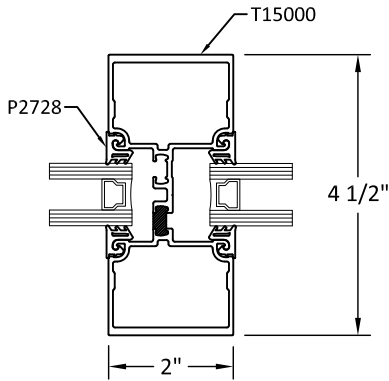


FL #:	FL16992
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DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	TLI004
SECTION	5.1

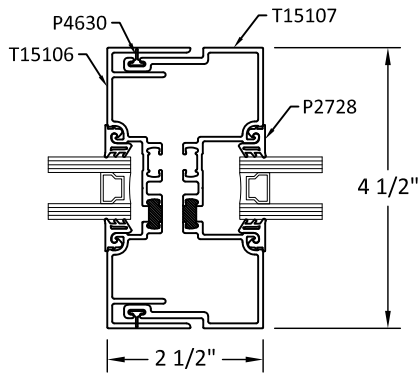
VERTICAL DETAILS (T14000)



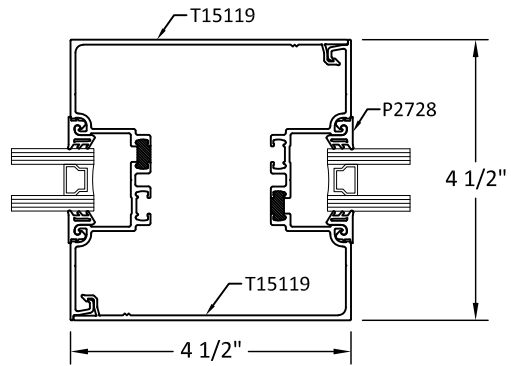
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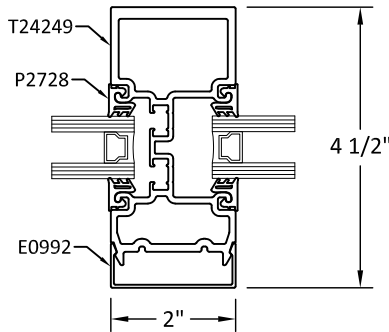
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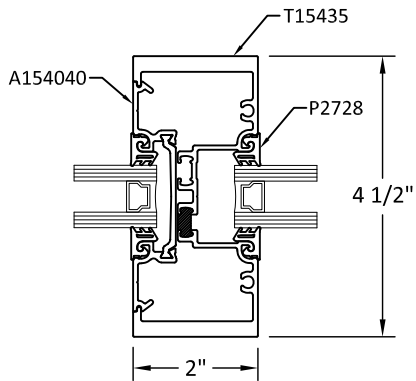
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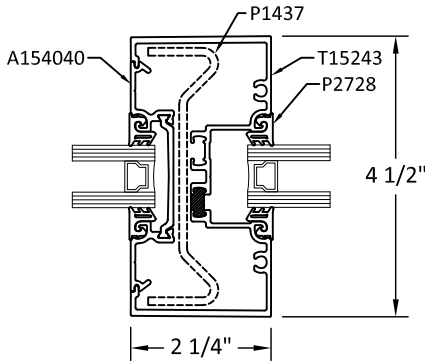
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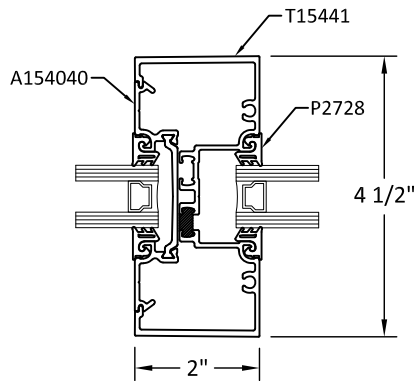
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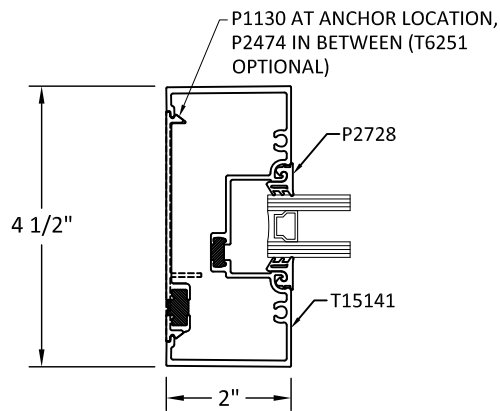
F 5.2 MULLION OPTION 6



G 5.2 MULLION OPTION 7



H 5.2 MULLION OPTION 8



I 5.2 JAMB OPTION 1

SEE SECTION 5 FOR DESIGN PRESSURES.

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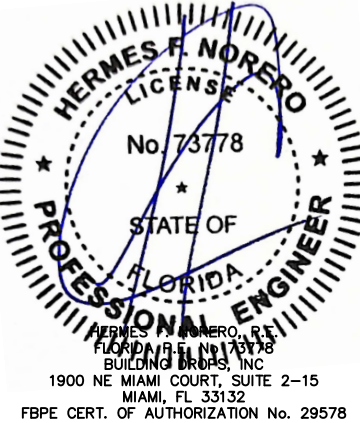
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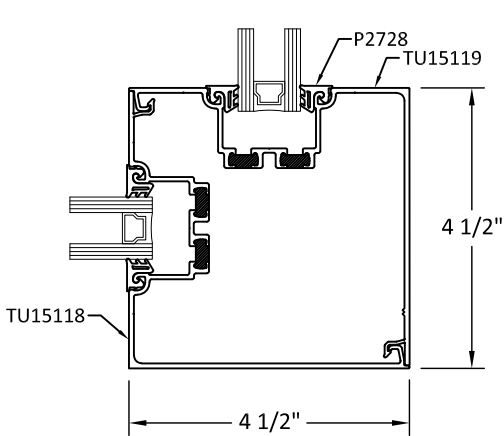
REMARKS	BY	DATE
FBC 2020 UPDATE	LL	10/28
FBC 2023 REVISION	FB	08/25/23
TU ADDITION	MS	10/08/24
MULLION ADDITION	DI	12/12/24

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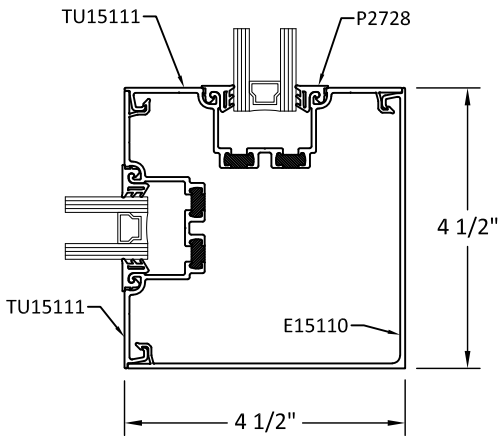


FL #:	FL16992
DATE:	03.26.19
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	TLI004
SECTION	5.2

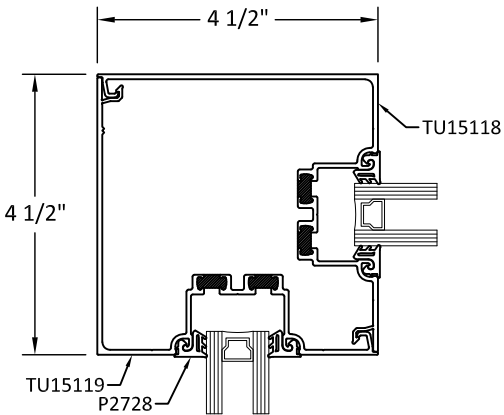
CORNER DETAILS (TU14000)



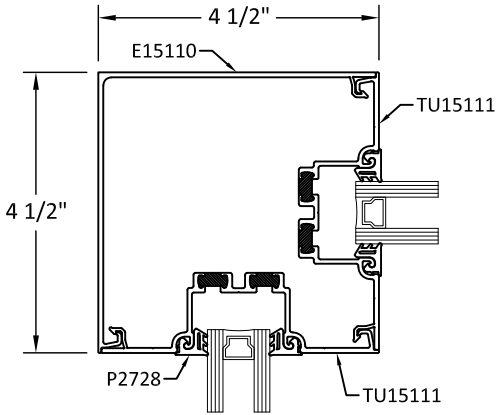
A 90° CORNER DETAIL
OUTSIDE CORNER



B 90° CORNER DETAIL
OUTSIDE CORNER

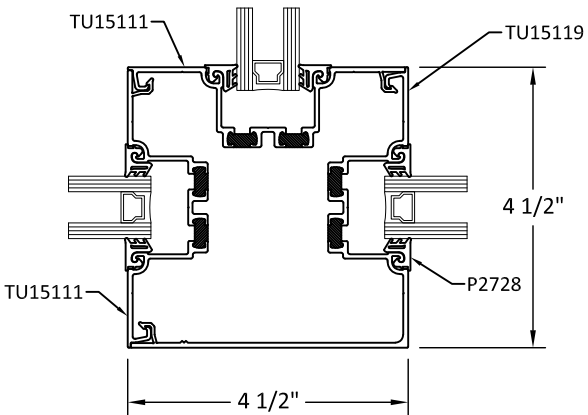


C 90° CORNER DETAIL
INSIDE CORNER

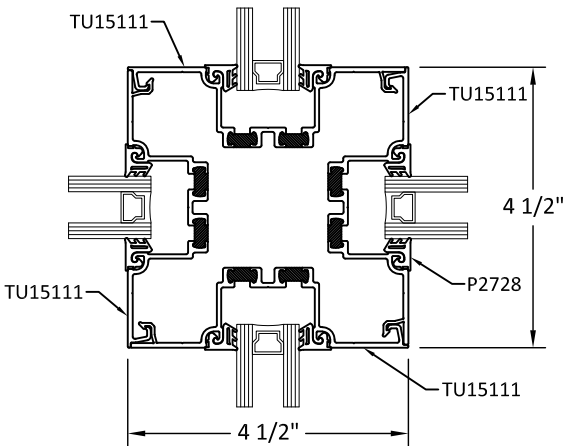


D 90° CORNER DETAIL
INSIDE CORNER

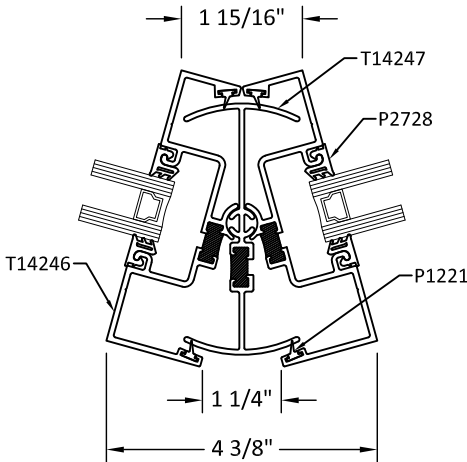
CORNER DETAILS ARE QUALIFIED FOR DESIGN
PRESSURE VALUES AND SIZES SHOWN ON
SECTION 5 FOR MULLION OPTIONS 1, 2, 3, 4, 5, 8.



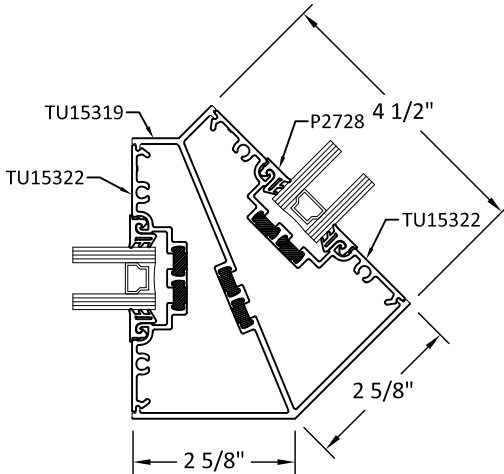
E 3-WAY CORNER DETAIL



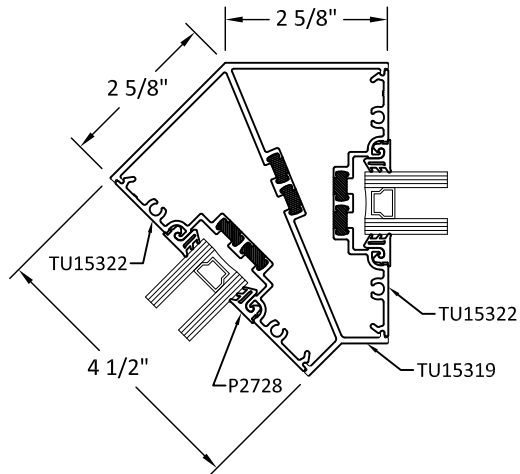
F 4-WAY CORNER DETAIL



G ADJUSTABLE CORNER
149° - 180°



H 135° CORNER DETAIL
OUTSIDE CORNER



I 135° CORNER DETAIL
INSIDE CORNER

TUBELITE
DEPENDABLE
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

3056 WALKER RIDGE DRIVE N.W.
WALKER, MICHIGAN 49544
PH: 800 866 2227 FX: 616 301 0008

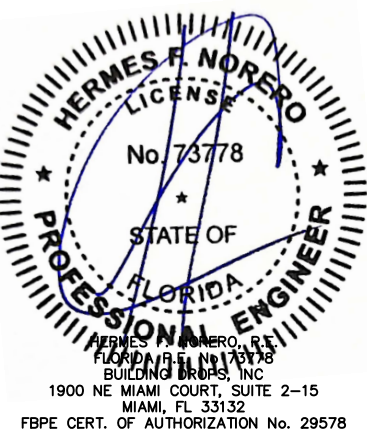
TITLE:
14000 SERIES
STOREFRONT FRAMING
(NON-HVHZ)(NON-IMPACT)
CORNER DETAILS (TU14000)

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



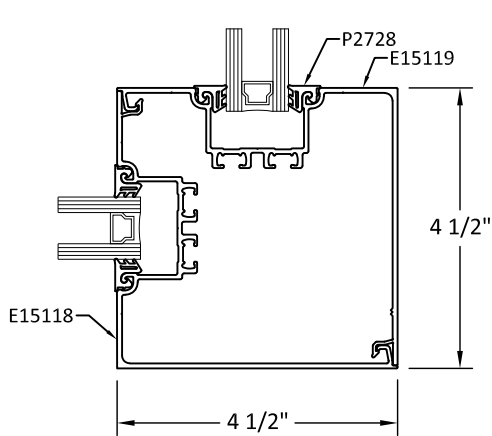
REMARKS	BY	DATE
FBC 2020 UPDATE	LL	10/28
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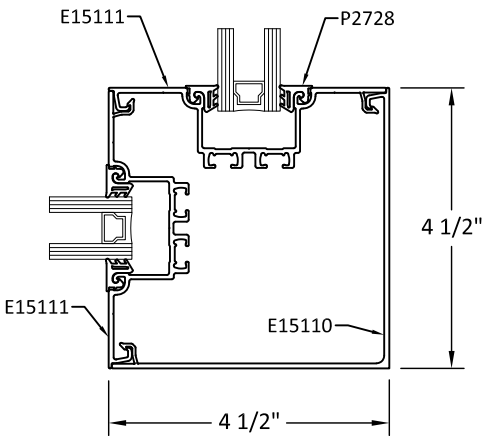


FL #:	FL16992
DATE:	03.26.19
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	TLI004
SECTION	6

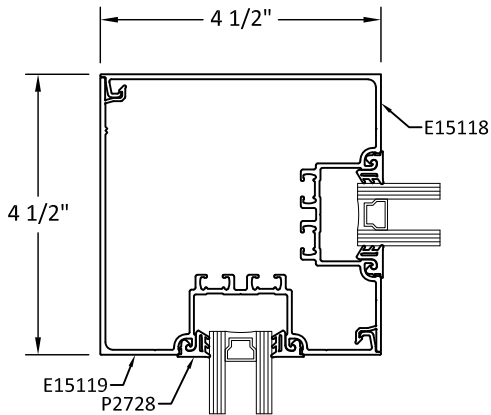
CORNER DETAILS (E14000)



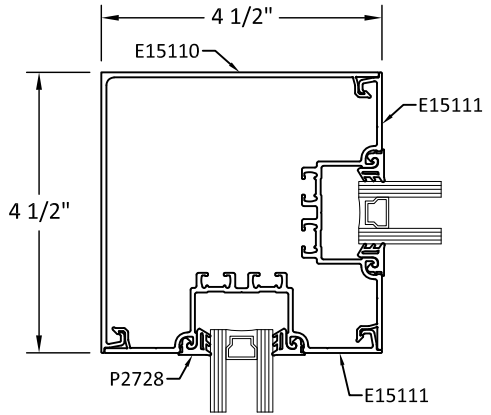
A 90° CORNER DETAIL
6.1 OUTSIDE CORNER



B 90° CORNER DETAIL
6.1 OUTSIDE CORNER

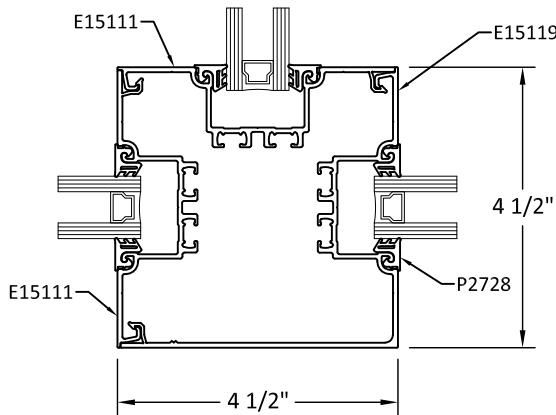


C 90° CORNER DETAIL
6.1 INSIDE CORNER

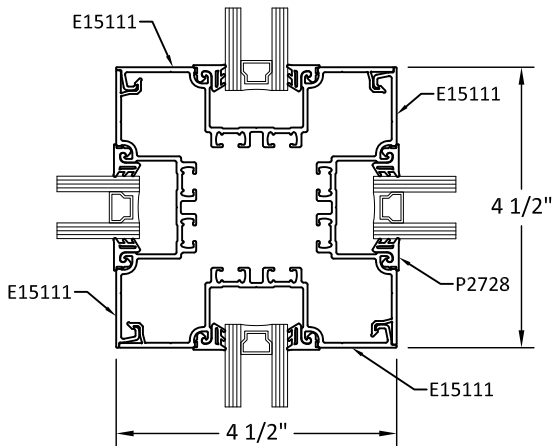


D 90° CORNER DETAIL
6.1 INSIDE CORNER

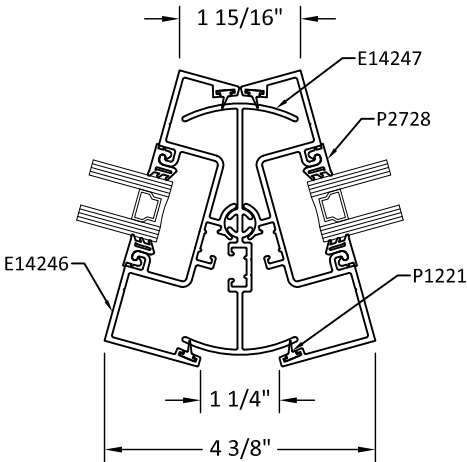
CORNER DETAILS ARE QUALIFIED FOR DESIGN PRESSURE VALUES AND SIZES SHOWN ON SECTION 5 FOR MULLION OPTIONS 1, 2, 3, 4, 5, 8.



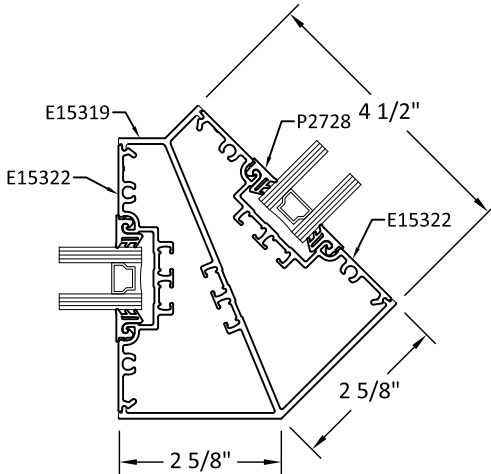
E 3-WAY CORNER DETAIL
6.1



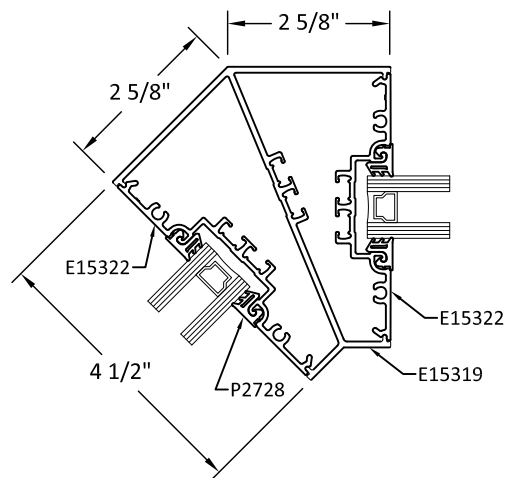
F 4-WAY CORNER DETAIL
6.1



G ADJUSTABLE CORNER
6.1 149° - 180°



H 135° CORNER DETAIL
6.1 OUTSIDE CORNER



I 135° CORNER DETAIL
6.1 INSIDE CORNER

TUBELITE
DEPENDABLE
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

3056 WALKER RIDGE DRIVE N.W.
WALKER, MICHIGAN 49544
PH: 800 866 2227 FX: 616 301 0008

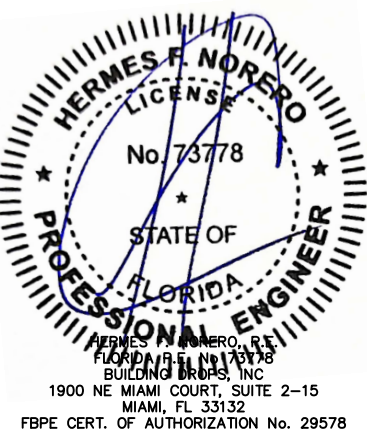
TITLE:
14000 SERIES
STOREFRONT FRAMING
(NON-HVHZ)(NON-IMPACT)
CORNER DETAILS (E14000)

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
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REMARKS	BY	DATE
FBC 2020 UPDATE	LL	10/28
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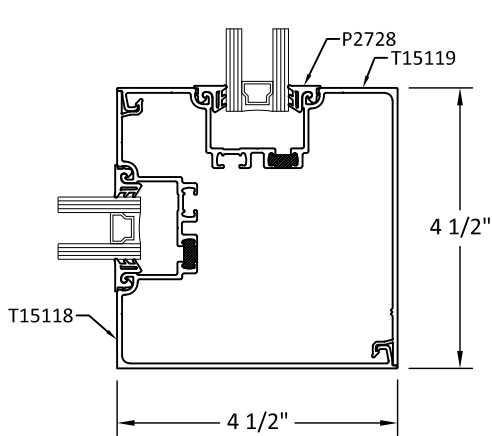
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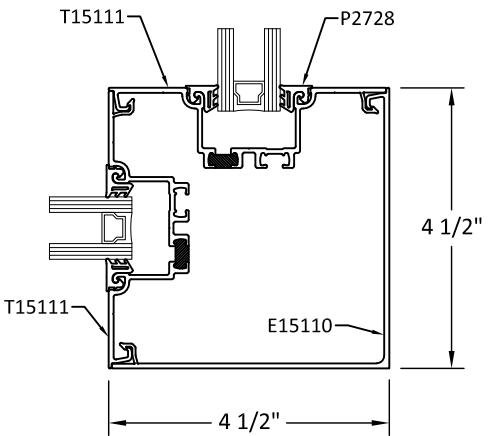
FL #:	FL16992
DATE:	03.26.19
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	TLI004
SECTION	6.1

c:\users\dylanwata\building drops landing - common\projects\tubelite, inc\fac-24-1102.1 - fbc submittal - fl16992, fl41652 et 14000 series storefront, io storefront\dwgs\tl16992\tl1004.dwg
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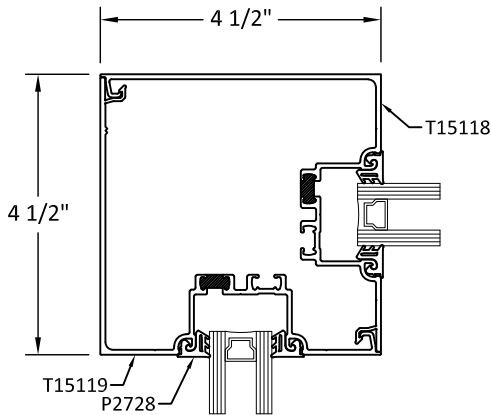
CORNER DETAILS (T14000)



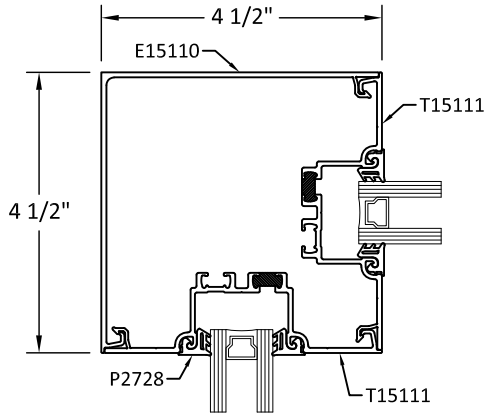
A
6.2 90° CORNER DETAIL
OUTSIDE CORNER



B
6.2 90° CORNER DETAIL
OUTSIDE CORNER

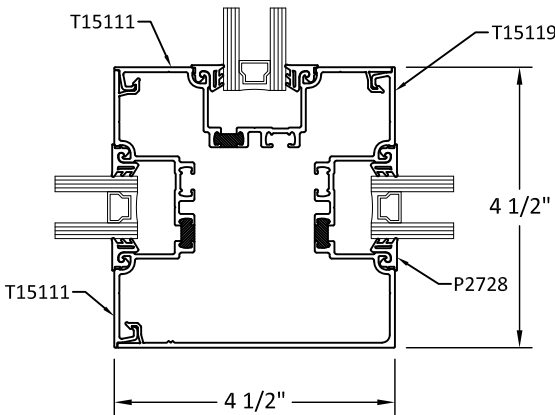


C
6.2 90° CORNER DETAIL
INSIDE CORNER

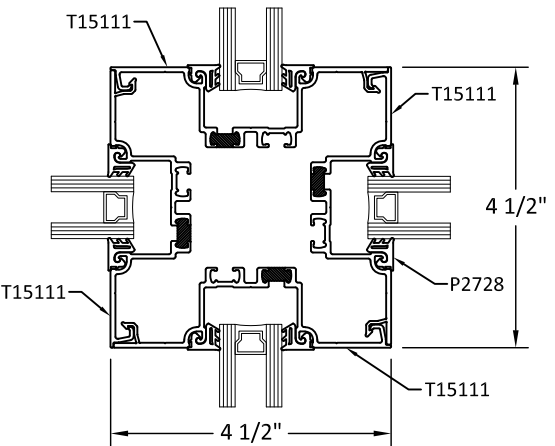


D
6.2 90° CORNER DETAIL
INSIDE CORNER

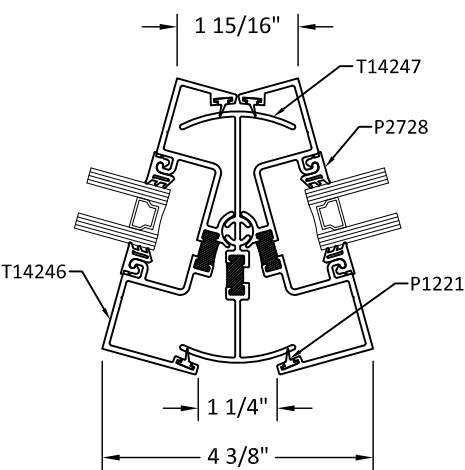
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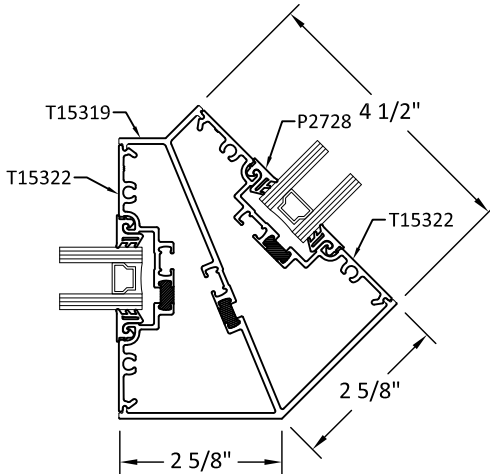
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6.2 3-WAY CORNER DETAIL



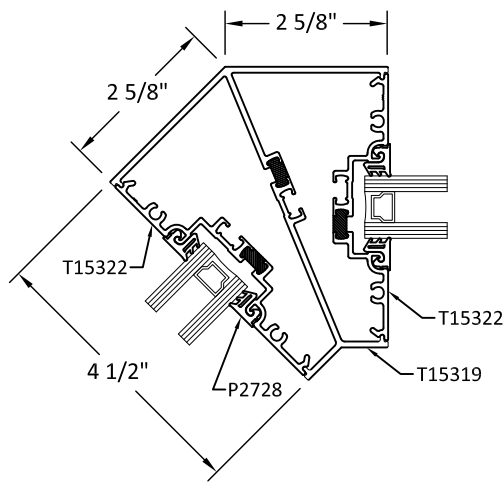
F
6.2 4-WAY CORNER DETAIL



G
6.2 ADJUSTABLE CORNER
149° - 180°



H
6.2 135° CORNER DETAIL
OUTSIDE CORNER



I
6.2 135° CORNER DETAIL
INSIDE CORNER

TUBELITE
DEPENDABLE
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

3056 WALKER RIDGE DRIVE N.W.
WALKER, MICHIGAN 49544
PH: 800 866 2227 FX: 616 301 0008

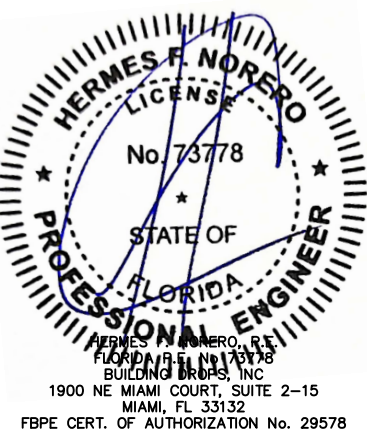
TITLE: 14000 SERIES
STOREFRONT FRAMING
(NON-HVHZ)(NON-IMPACT)
CORNER DETAILS (T14000)

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
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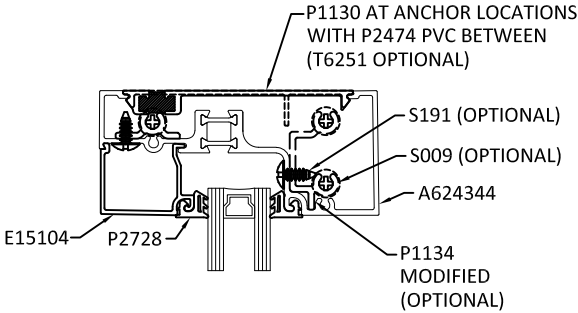


FL #:	FL16992
DATE:	03.26.19
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	TLI004
SECTION	6.2

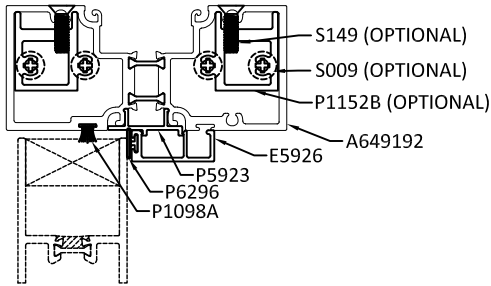
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DOOR DETAILS (TU14000)

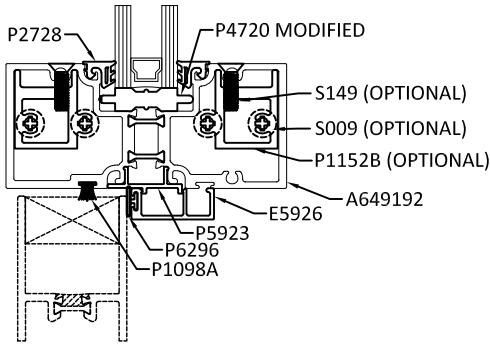
DOOR SYSTEMS SHOWN ARE
UNDER SEPARATE APPROVAL.



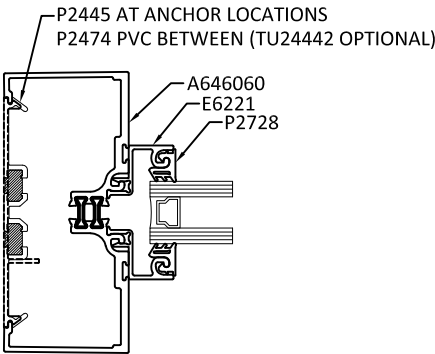
A
7 DOOR TRANSOM



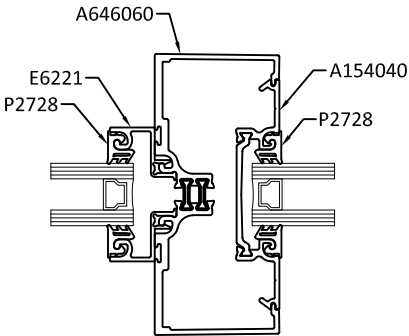
B
7 DOOR HEADER



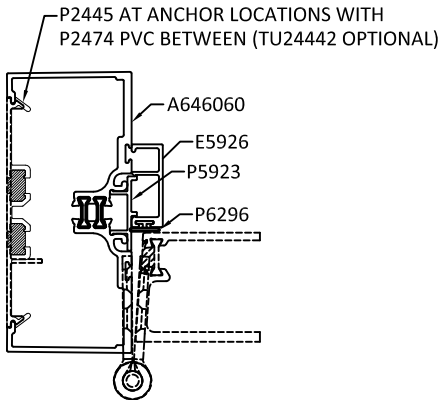
C
7 DOOR HEADER



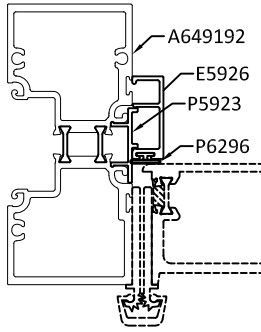
D
7 TRANSOM JAMB



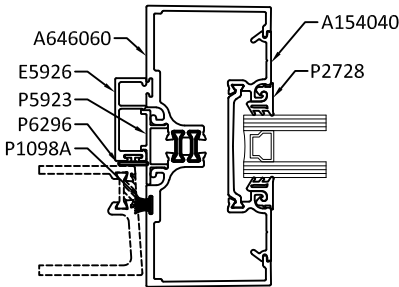
E
7 TRANSOM JAMB



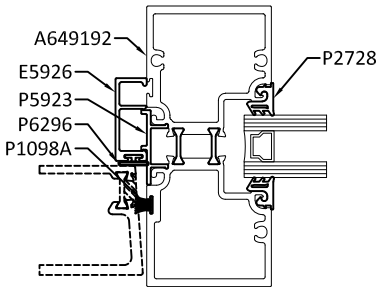
F
7 DOOR HINGE JAMB



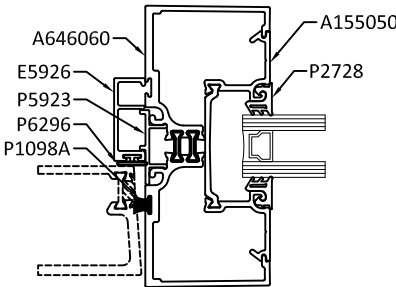
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7 DOOR HINGE JAMB



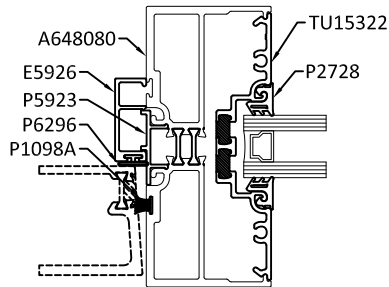
H
7 DOOR LOCK JAMB
HINGE JAMB SIMILAR



I
7 DOOR LOCK JAMB
HINGE JAMB SIMILAR



J
7 DOOR LOCK JAMB
HINGE JAMB SIMILAR



K
7 DOOR LOCK JAMB
HINGE JAMB SIMILAR

TUBELITE
DEPENDABLE

LEADERS IN ECO-EFFICIENT STOREFRONT,
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3056 WALKER RIDGE DRIVE N.W.
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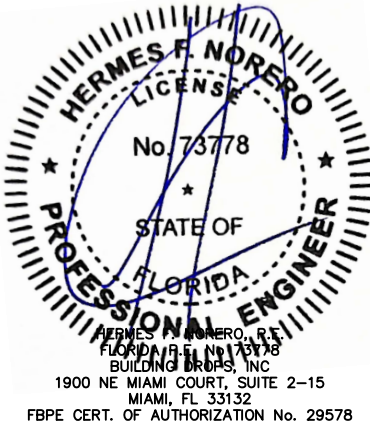
TITLE:
14000 SERIES
STOREFRONT FRAMING
(NON-HVHZ)/(NON-IMPACT)
DOOR DETAILS (TU14000)

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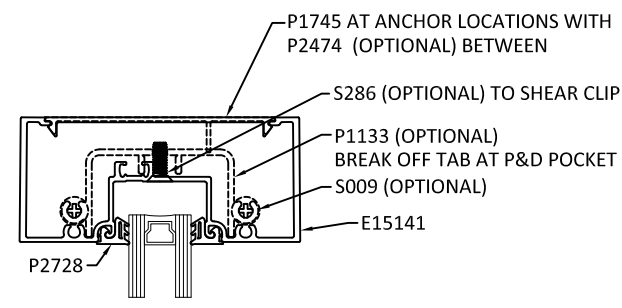


FL #:	FL16992
DATE:	03.26.19
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	TLI004
SECTION	7

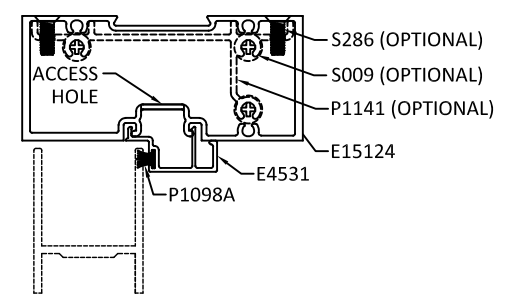
c:\users\dylanwata\building drops, inc\building drops landing - common\projects\tubelite, inc\fbc-24-1102.1 - fbc submittal - fl16992, fl41652 et 14000 series storefront, io storefront\dwgs\116992\11004.dwg 12/12/2024 5:17 PM

DOOR DETAILS (E14000)

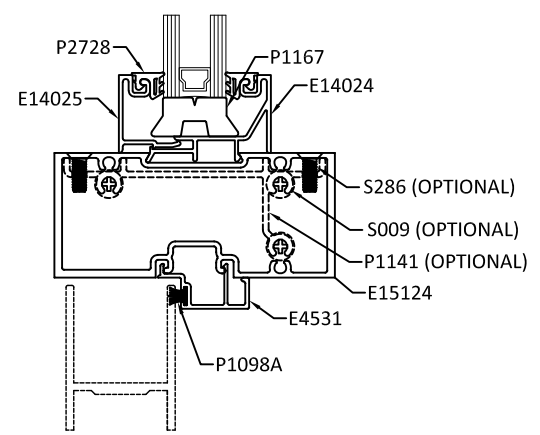
DOOR SYSTEMS SHOWN ARE UNDER SEPARATE APPROVAL.



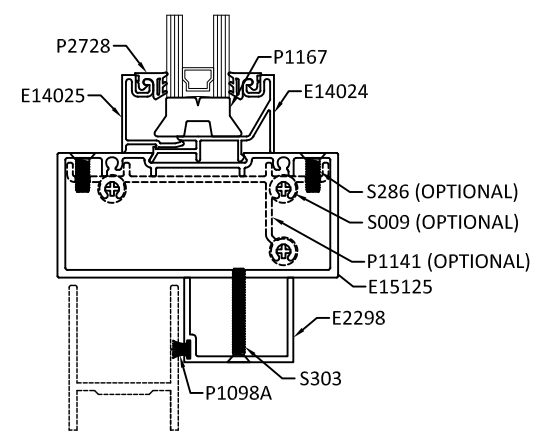
A
7.1 DOOR TRANSOM



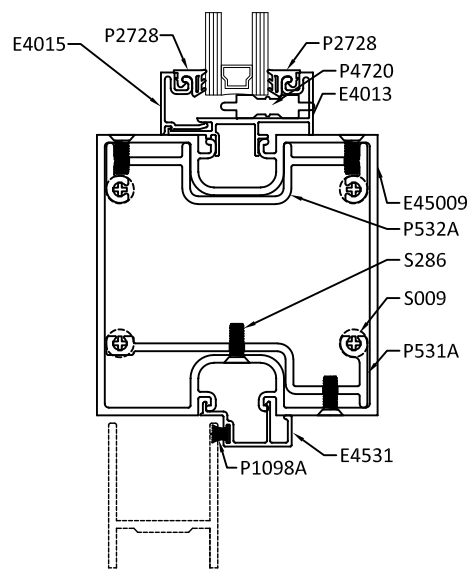
B
7.1 DOOR HEADER



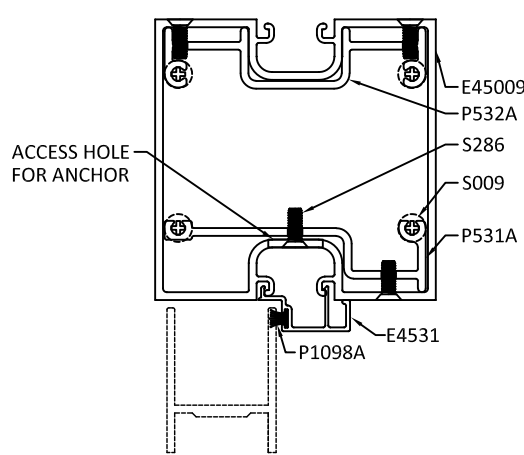
C
7.1 DOOR HEADER



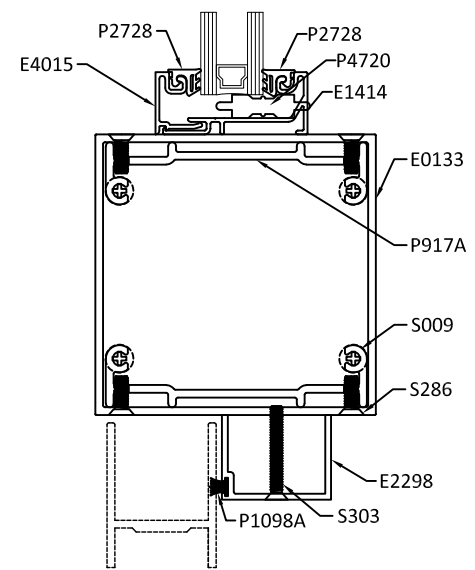
D
7.1 DOOR HEADER



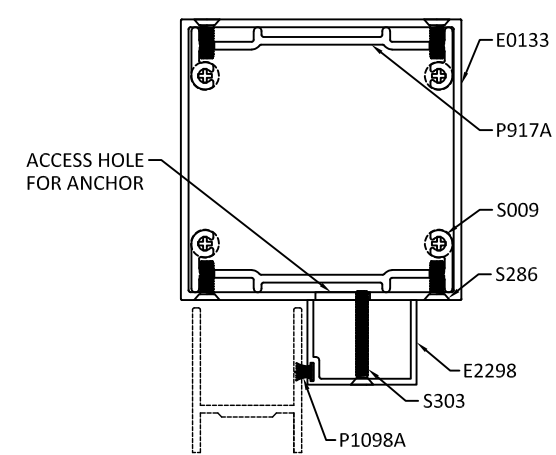
E
7.1 DOOR HEADER



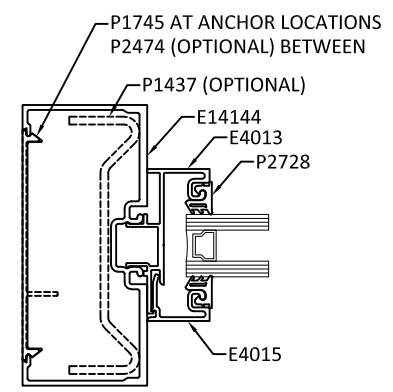
F
7.1 DOOR HEADER



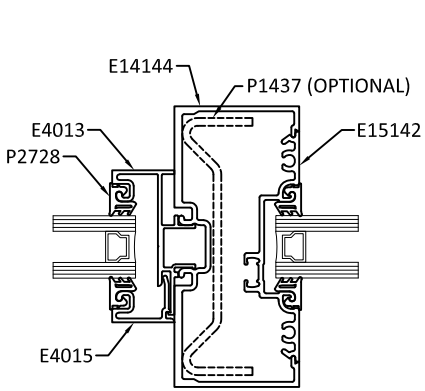
G
7.1 DOOR HEADER



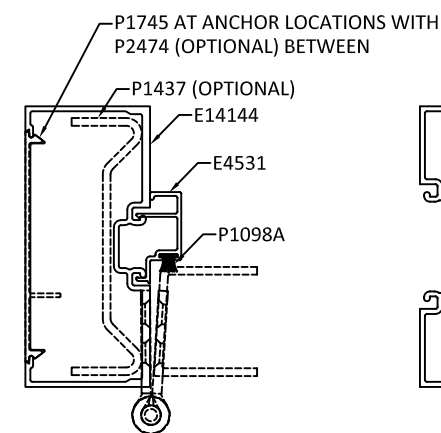
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7.1 DOOR HEADER



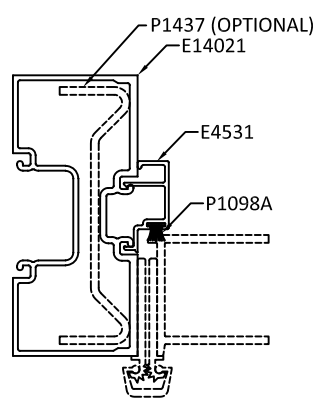
I
7.1 TRANSOM JAMB



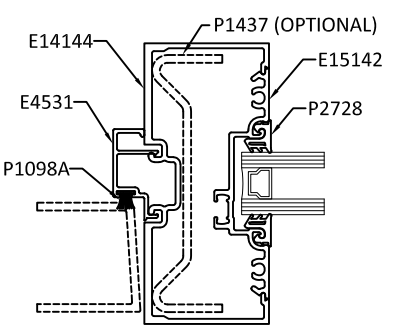
J
7.1 TRANSOM JAMB



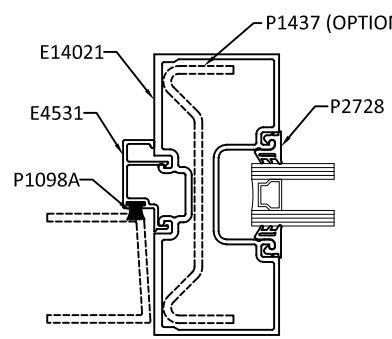
K
7.1 DOOR HINGE JAMB



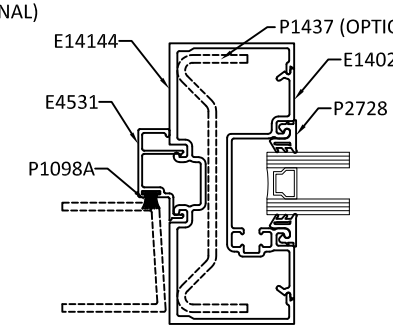
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7.1 DOOR HINGE JAMB



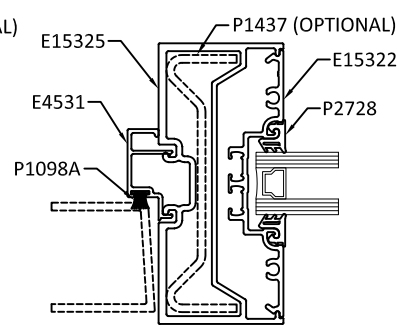
M
7.1 DOOR LOCK JAMB
HINGE JAMB SIMILAR



N
7.1 DOOR LOCK JAMB
HINGE JAMB SIMILAR



O
7.1 DOOR LOCK JAMB
HINGE JAMB SIMILAR



P
7.1 DOOR LOCK JAMB
HINGE JAMB SIMILAR

TUBELITE
DEPENDABLE
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

3056 WALKER RIDGE DRIVE N.W.
WALKER, MICHIGAN 49544
PH: 800 866 2227 FX: 616 301 0008

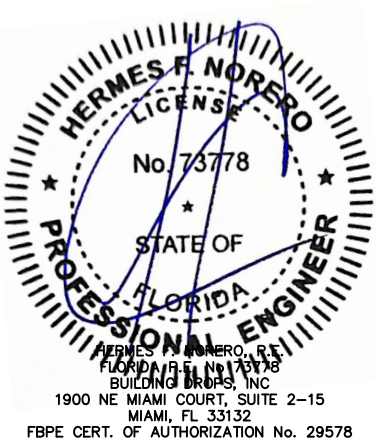
TITLE:
14000 SERIES
STOREFRONT FRAMING
(NON-HVHZ)/(NON-IMPACT)
DOOR DETAILS (E14000)

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
FBC 2020 UPDATE	LL	10/28
FBC 2023 REVISION	FB	08/25/23
TU ADDITION	MS	10/08/24
MULLION ADDITION	DI	12/12/24

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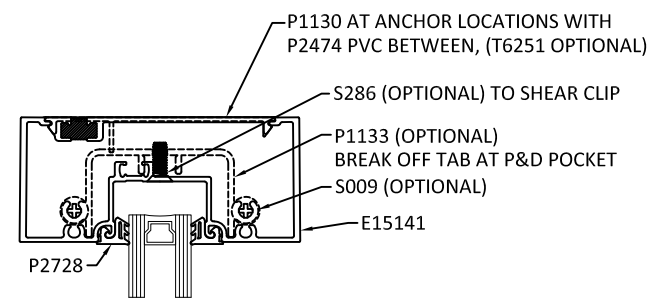
FL #:	FL16992
DATE:	03.26.19
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	TLI004
SECTION	7.1

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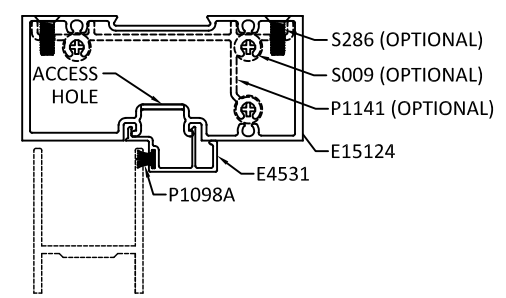
c:\users\dylanwata\building drops, inc\building drops landing - common\projects\tubelite, inc\fb-24-1102.1 - fbc submittal - fl16992, fl41652 et 14000 series storefront, io storefront\dwgs\T116992\T1004.dwg

DOOR DETAILS (T14000)

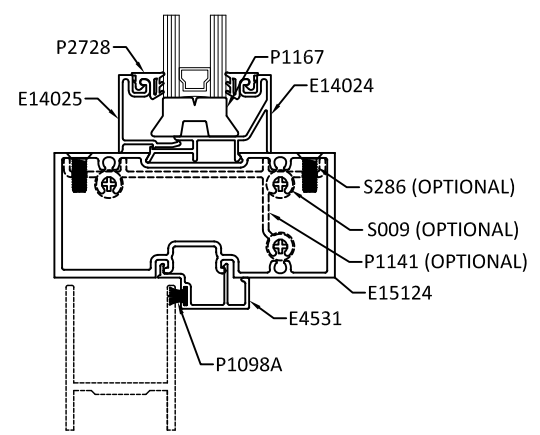
DOOR SYSTEMS SHOWN ARE UNDER SEPARATE APPROVAL.



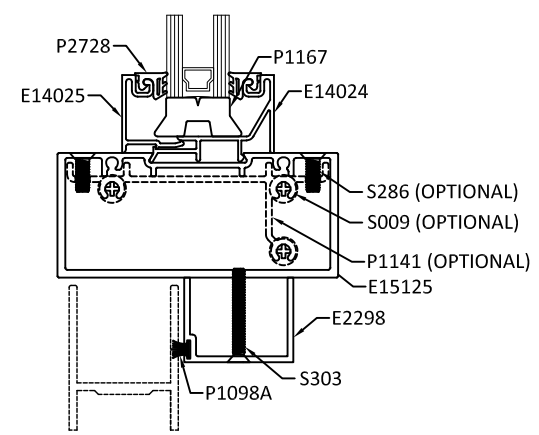
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7.2 DOOR TRANSOM



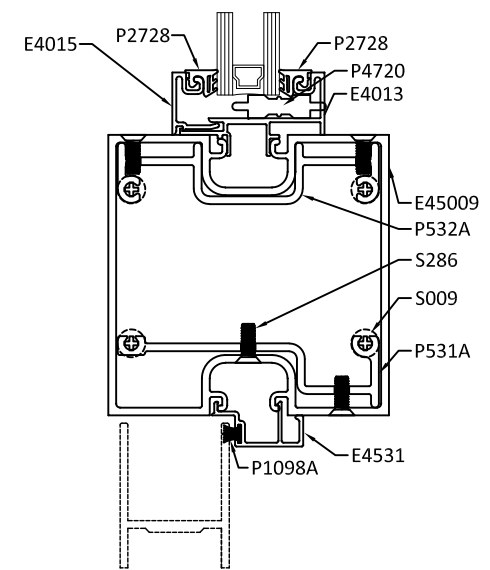
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7.2 DOOR HEADER



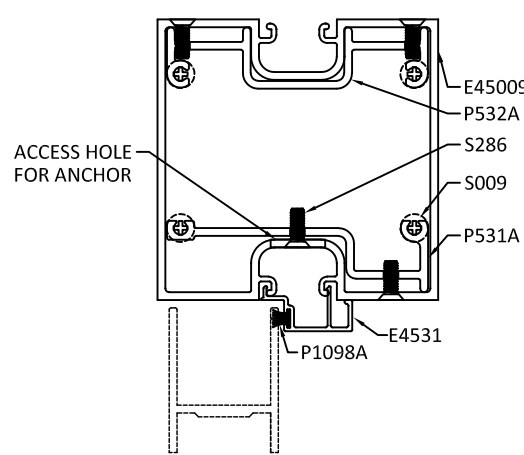
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7.2 DOOR HEADER



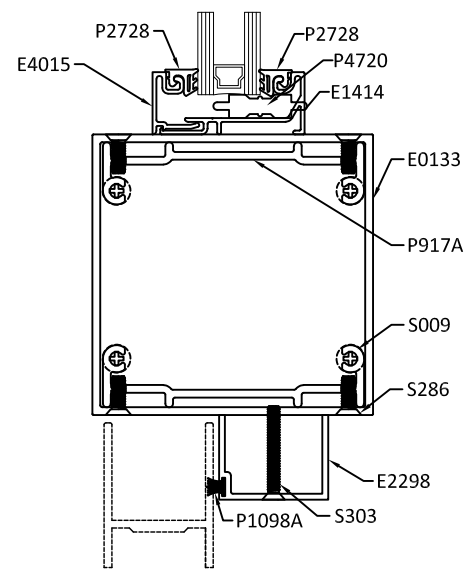
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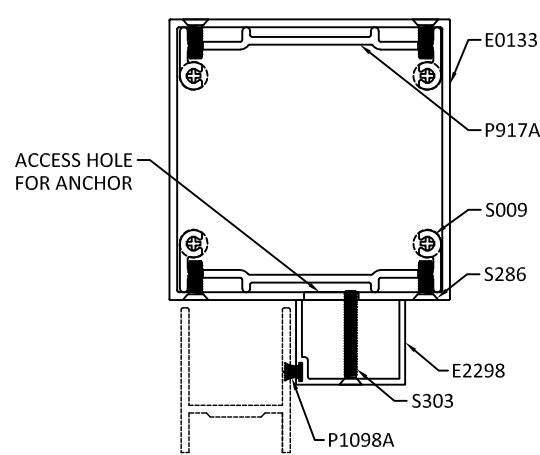
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7.2 DOOR HEADER



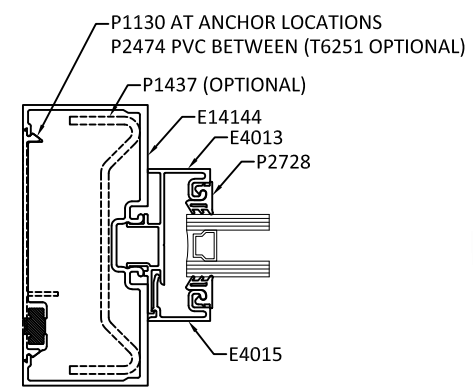
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7.2 DOOR HEADER



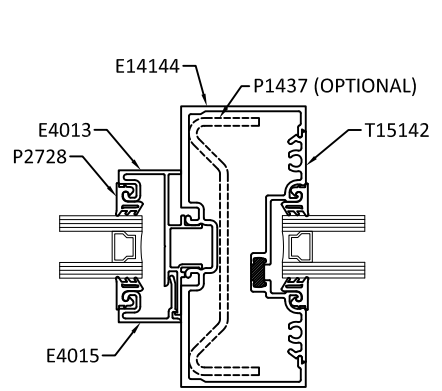
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7.2 DOOR HEADER



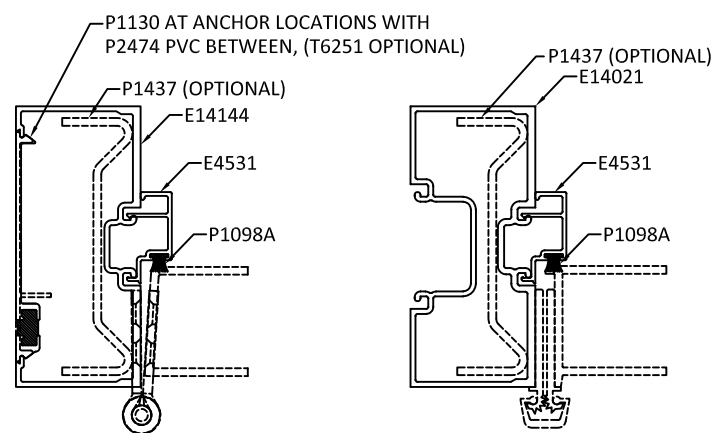
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7.2 DOOR HEADER



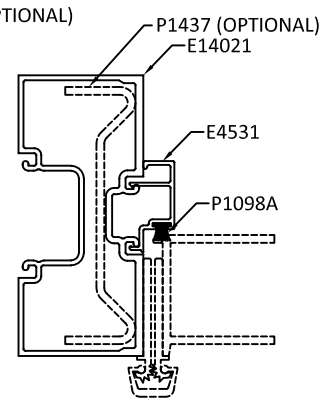
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7.2 TRANSOM JAMB



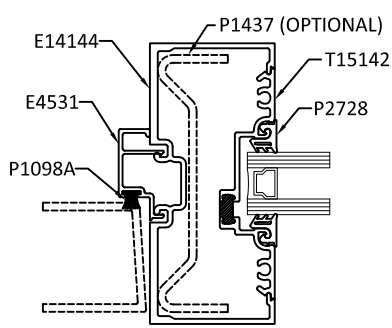
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7.2 TRANSOM JAMB



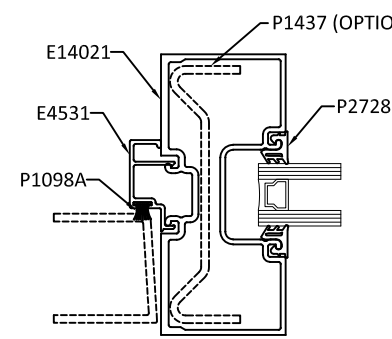
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7.2 DOOR HINGE JAMB



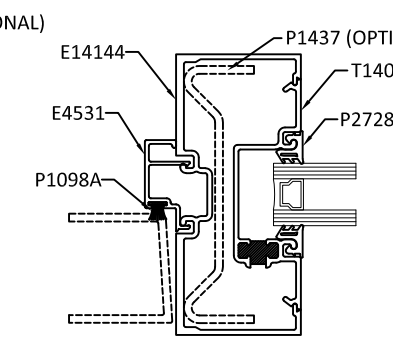
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7.2 DOOR HINGE JAMB



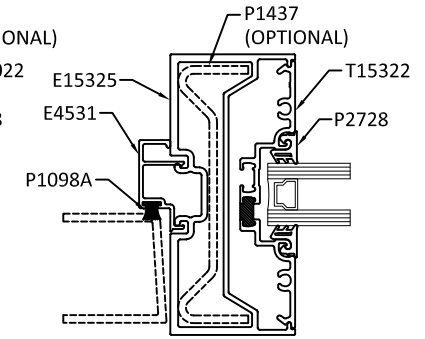
M
7.2 DOOR LOCK JAMB
HINGE JAMB SIMILAR



N
7.2 DOOR LOCK JAMB
HINGE JAMB SIMILAR



O
7.2 DOOR LOCK JAMB
HINGE JAMB SIMILAR



P
7.2 DOOR LOCK JAMB
HINGE JAMB SIMILAR

TUBELITE
DEPENDABLE
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

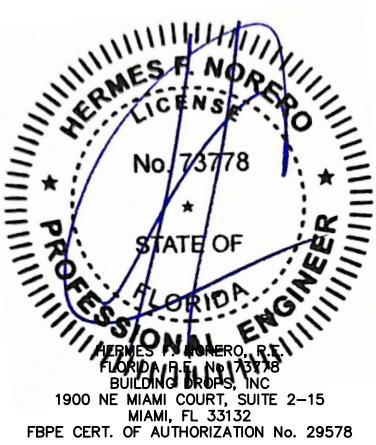
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PH: 800 866 2227 FX: 616 301 0008

TITLE: 14000 SERIES
STOREFRONT FRAMING
(NON-HVHZ)(NON-IMPACT)
DOOR DETAILS (T14000)

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FLORIDA LICENSE NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL16992
DATE:	03.26.19
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	TLI004

SECTION
7.2

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c:\users\dylaniwata\building drops, inc\building drops landing -

SINGLE DOOR

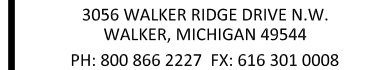
Technical drawing of a window frame. The drawing shows a vertical rectangular frame with a double-pane window. The left side of the frame is labeled "FRAME HEIGHT" with a vertical dimension line. The bottom of the frame is labeled "W1" with a horizontal dimension line. The drawing includes dashed lines indicating the internal structure and the position of the window panes. There are also small rectangular details at the top and bottom of the frame, possibly representing hardware or seals.

DOUBLE DOOR

The diagram illustrates a window frame with the following components and dimensions:

- FRAME HEIGHT:** Indicated by a vertical dimension line on the left side of the frame.
- W1:** Indicated by a horizontal dimension line at the bottom, representing the width of the main window opening.
- Window Components:** The diagram shows a main window pane, a side panel, and a bottom panel, all indicated by dashed lines and diagonal hatching.
- Hardware:** A handle is shown on the top right, and a lock mechanism is shown on the bottom right.

TRANSOM

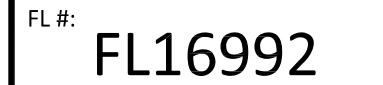


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B.D.
BUILDING DROPS

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DWG. BY: RV	CHK. BY: HFN
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DWG. #: TLI004

8

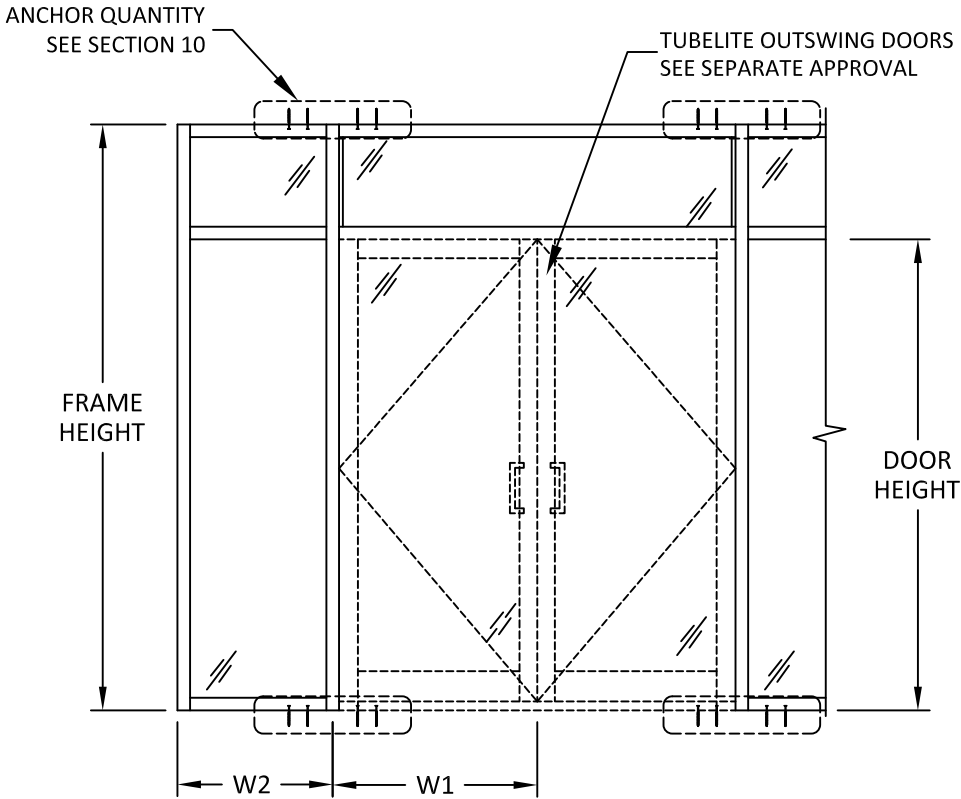
c:\users\dylanwata\building drops, inc\building drops landing - common\projects\tubelite, inc\fbc-24-1102.1 - fbc submittal - fl16992, fl41652 et 14000 series storefront, io storefront\dwgs\116992\tli004.dwg 12/12/2024 5:17 PM

DOOR MULLION DESIGN PRESSURE TABLES

DOUBLE DOOR MULLION WITH TRANSOM LOAD CAPACITY - WITHOUT STEEL			
NOMINAL DIMS.			DESIGN PRESSURE (PSF)
FRAME HEIGHT INCHES	DOOR LEAF WIDTH (W1)	SIDELITE WIDTH (W2)	EXT. (+) INT. (-)
84	36	30	42.9
		36	41.5
		42	40.2
		48	38.2
		54	36.4
		60	34.7
	42	30	40.2
		36	38.2
		42	36.4
		48	34.7
		54	33.2
		60	31.8
	48	30	36.4
		36	34.7
		42	33.2
		48	31.8
90	36	30	38.9
		36	37.0
		42	35.0
		48	33.3
		54	31.7
		60	30.2
	42	30	35.0
		36	33.3
		42	31.7
		48	30.2
	48	30	31.7
		36	30.2
96	36	36	32.5
		42	30.8
		48	29.2
		54	27.8
	42	30	30.8
		36	29.2
		42	27.8
	48	30	27.8
102	36	30	29.3
		36	27.7
		42	26.2
		48	24.9
	42	30	26.2
		36	24.9
108	36	30	24.7
114	36	36	23.3
		30	21.0

DOUBLE DOOR MULLION WITH TRANSOM LOAD CAPACITY - WITH STEEL			
NOMINAL DIMS.			DESIGN
FRAME HEIGHT INCHES	DOOR LEAF WIDTH (W1)	SIDELITE WIDTH (W2)	PRESSURE (PSF) EXT. (+) INT. (-)
102	36	30	45.0
		36	45.0
		42	45.0
		48	45.0
		54	45.0
		60	45.0
	42	30	45.0
		36	45.0
		42	45.0
		48	45.0
		54	44.6
		60	43.7
	48	30	45.0
		36	45.0
		42	44.6
48		43.7	
54		42.9	
108	36	60	42.3
		36	45.0
		42	45.0
		48	44.4
		54	43.1
	42	60	42.0
		30	45.0
		36	44.4
		42	43.1
		48	42.0
		54	41.0
	48	60	40.1
		30	43.1
		36	42.0
42		41.0	
48		40.1	
114	36	54	39.3
		60	38.6
		36	44.2
		42	42.6
		48	41.2
	42	54	40.0
		60	38.9
		30	42.6
		36	41.2
		42	40.0
		48	38.9
	48	54	37.9
		60	37.0
30		40.0	
36		38.9	
42		37.9	
120	36	48	37.0
		54	36.2
		36	41.4
		42	39.8
		48	38.5
	42	54	37.3
		60	36.2
		30	39.8
		36	38.5
		42	37.3
		48	36.2
	48	54	35.2
60		34.3	
30		37.3	
36		36.2	

DOUBLE DOOR MULLION WITH TRANSOM LOAD CAPACITY - WITH STEEL			
NOMINAL DIMS.			DESIGN PRESSURE (PSF)
FRAME HEIGHT INCHES	DOOR LEAF WIDTH (W1)	SIDELITE WIDTH (W2)	EXT. (+) INT. (-)
126	36	36	38.9
		42	37.4
		48	36.1
		54	34.9
		60	33.8
		30	37.4
	42	36	36.1
		42	34.9
		48	33.8
		54	32.6
	48	30	34.9
		36	33.8
132	36	42	32.6
		48	32.6
		36	36.6
		42	35.2
		48	33.9
		54	32.5
	42	60	31.0
		30	35.2
		36	33.9
		42	32.5
	48	48	31.0
		36	31.0
138	36	42	34.7
		48	32.9
		48	31.2
		54	29.7
	42	30	32.9
		36	31.2
		42	29.7
	48	42	29.7
		30	29.7
144	36	36	31.5
		42	29.8
		48	28.4
	42	30	29.8
		36	28.4
		36	28.4



DOUBLE DOOR WITH TRANSOM

TUBELITE
DEPENDABLE
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

3056 WALKER RIDGE DRIVE N.W.
WALKER, MICHIGAN 49544
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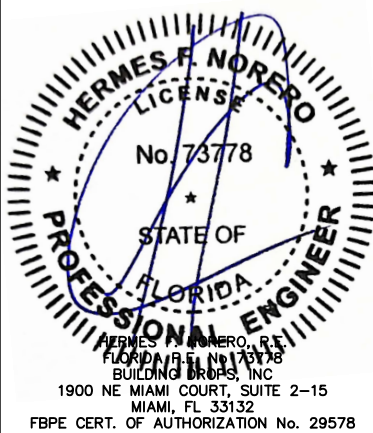
TITLE: 14000 SERIES
STOREFRONT FRAMING
(NON-HVHZ)/(NON-IMPACT)
DOOR MULLION DESIGN
PRESSURE TABLES

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
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FL #:

FL16992

DATE: 03.26.19

DWG. BY: RV

CHK. BY: HFN

SCALE: NTS

DWG. #: TLI004

SECTION

9

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ANCHOR SCHEDULE											
TYPE	ANCHOR	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MAX. SHIM SIZE	HEAD ANCHOR QTY PER VERTICAL MULLION	SILL ANCHOR QTY PER VERTICAL MULLION	HEAD ANCHOR QTY PER SINGLE DOOR MULLION	SILL ANCHOR QTY PER SINGLE DOOR MULLION	HEAD ANCHOR QTY PER DOUBLE DOOR MULLION	SILL ANCHOR QTY PER DOUBLE DOOR MULLION
A	1/4" DEWALT ULTRACON+ (CARBON STEEL)	3000 PSI CONCRETE MIN. <u>OR</u> GROUT FILLED CMU PER ASTM C-90 W/ MIN. F'C=2000 PSI	1.75"	2.5"	0.25"	4	4	5	5	6	6
B	1/4" ITW TAPCON (CARBON OR STAINLESS STEEL)		1.75"	2.5"	0.25"	5	5	6	6	7	7
C	1/4" HILTI KWIK-CON II+ (CARBON OR STAINLESS STEEL)		1"	2.5"	0.25"	4	4	5	5	6	6
E	#14 WOOD SCREW	2X WOOD MIN. S.G.=0.55	1.5"	1"	0.25"	5	5	7	7	8	8
G	1/4" GR. 5 SELF-TAPPING/DRILLING SCREW	MIN. 18 GA STEEL STUD (0.0478") 33 KSI OR MIN. 0.090" 6063-T5 ALUMINUM	3 THREADS*	1"	0.25"	3	4	4	5	5	6
H	3/8" POWERS TAPPER (CARBON STEEL)	3000 PSI CONCRETE MIN.	1.25"	2.5"	1/2"	4	4	5	5	5	5
I	3/8" POWERS TAPPER (CARBON STEEL)	GROUT FILLED CMU PER ASTM C-90. MIN. F'C=2000 PSI	1.75"	3"	1/2"	4	4	5	5	5	5
J	3/8" ITW LDT (CARBON STEEL)	3000 PSI CONCRETE MIN.	1.5"	2.5"	1/2"	3	3	4	4	4	4
K	3/8" ITW LDT (CARBON STEEL)	GROUT FILLED CMU PER ASTM C-90. MIN. F'C=2000 PSI	1.5"	3"	1/2"	3	3	4	4	4	4
L	3/8" ITW TRUBOLT WEDGE (CARBON STEEL OR SS)	2000 PSI CONCRETE MIN.	1.5"	2.5"	1/2"	2	3	3	4	3	4
M	3/8" LAG SCREW	2X WOOD MIN. S.G.=0.55	1.5"	1.5"	1/2"	5	6	7	8	8	9
N	5/16" GR. 5 SELF-TAPPING/DRILLING SCREW	MIN. 18 GA STEEL STUD (0.0478") 33 KSI OR MIN. 0.090" 6063-T5 ALUMINUM	3 THREADS*	1"	1/2"	3	3	4	4	4	4

INSTALLATION NOTES:

- *FOR STEEL AND ALUMINUM, ANCHOR SHALL BE OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS OF PENETRATION BEYOND THE WALL OF THE METAL.
- ANCHOR QUANTITIES SHOWN ABOVE ARE FOR INTERMEDIATE VERTICALS. AT JAMBS, USE HALF OF THE QUANTITY SHOWN ABOVE. FOR INTERMEDIATE VERTICALS WITH DOOR JAMB ON ONE SIDE, PLACE THE TOTAL NUMBER OF ANCHORS REQUIRED THROUGH THE SIDELITE.
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 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 ±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.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/2 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 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.

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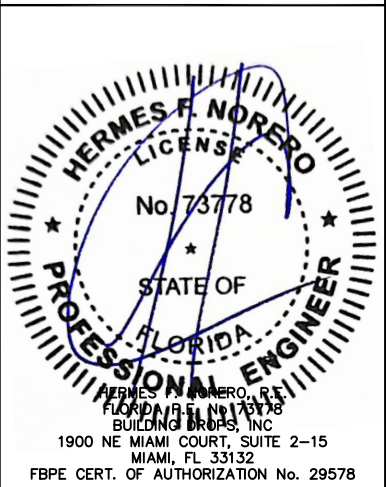
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14000 SERIES
STOREFRONT FRAMING
(NON-HVHZ)/(NON-IMPACT)
ANCHOR SCHEDULE AND
INSTALLATION NOTES

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MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

**BUILDING DROPS**

REMARKS	BY	DATE
FBC 2020 UPDATE	LL	10/28
FBC 2023 REVISION	FB	08/25/23
TU ADDITION	MS	10/08/24
MULLION ADDITION	DI	12/12/24

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



FL #:
FL16992

DATE: **03.26.19**

DWG. BY:
RV

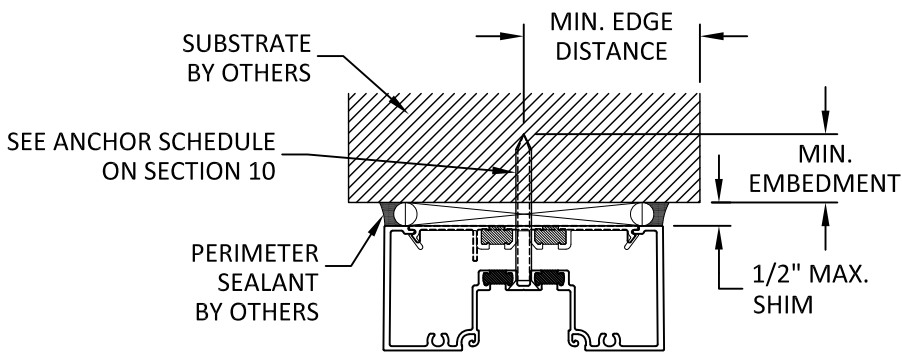
CHK. BY:
HFN

SCALE: **NTS**

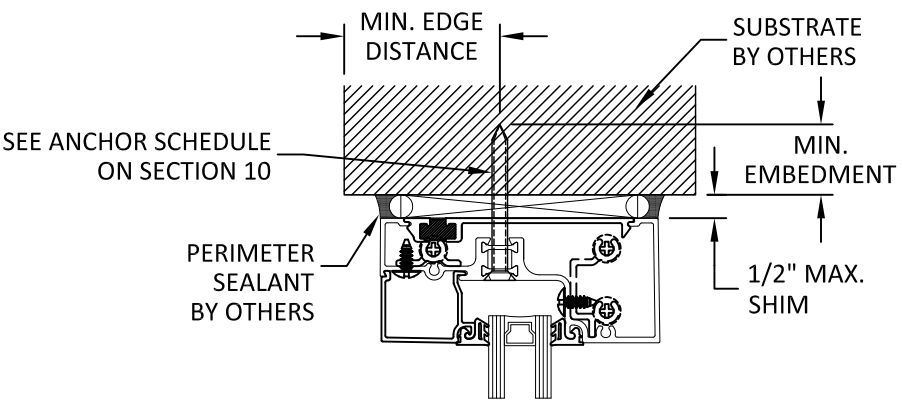
DWG. #: **TLI004**

SECTION
10

INSTALLATION DETAILS

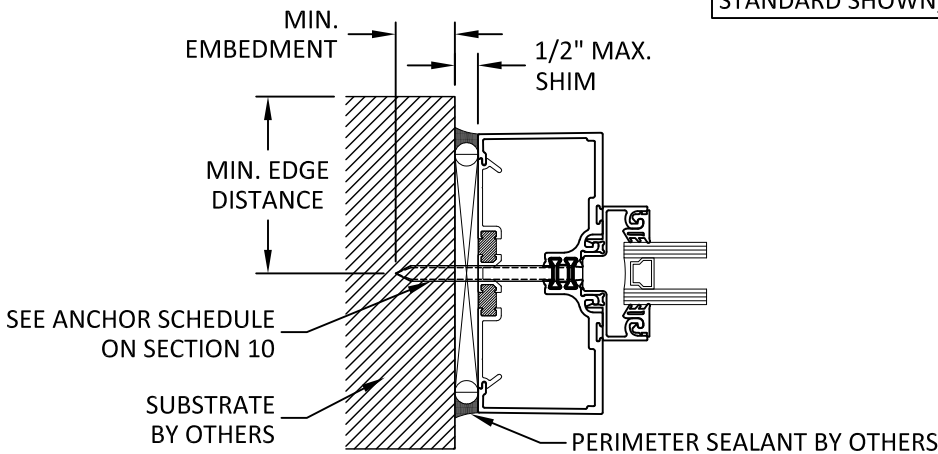


A HEAD ANCHOR DETAIL
11 OUTSIDE GLAZED

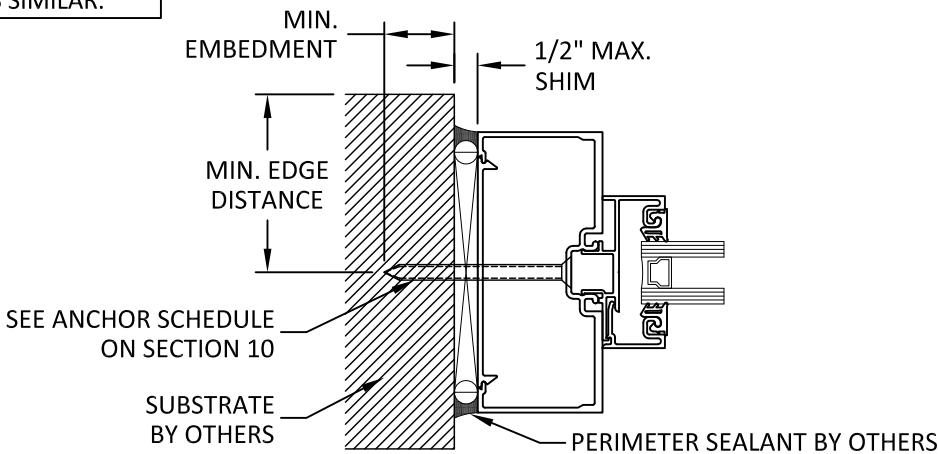


B HEAD ANCHOR DETAIL
11 THERMAL TRANSOM

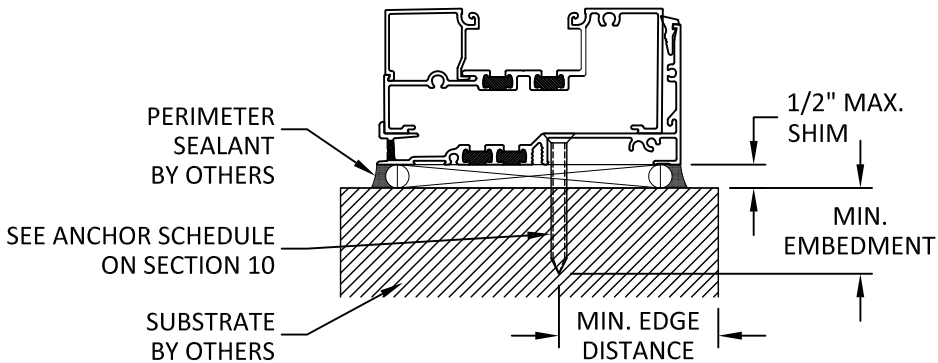
NOTES:
TU14000 SHOWN, E/T14000 SIMILAR.
OUTSIDE GLAZED SHOWN, INSIDE GLAZED SIMILAR.
STANDARD SHOWN, OTHER OPTIONS SIMILAR.



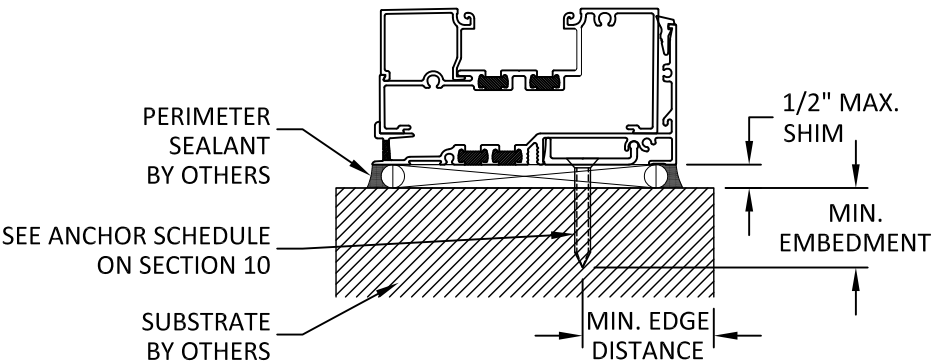
C JAMB ANCHOR DETAIL
11 THERMAL TRANSOM



D JAMB ANCHOR DETAIL
11 NON-THERMAL TRANSOM



E SILL ANCHOR DETAIL
11 OUTSIDE GLAZED



F SILL ANCHOR DETAIL
11 OUTSIDE GLAZED

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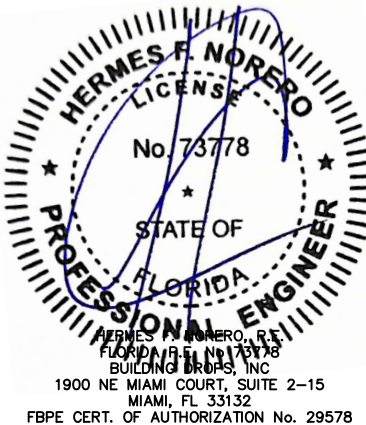
TITLE: 14000 SERIES
STOREFRONT FRAMING
(NON-HVHZ)(NON-IMPACT)
INSTALLATION DETAILS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
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SECTION

11