



MODEL 9600 FIXED WINDOW,  
NON-IMPACT RESISTANT,  
FLANGE, EQUAL-LEG, & FIN FRAMES

|                |                                    |
|----------------|------------------------------------|
| DP RATING      | NOT RATED FOR<br>IMPACT RESISTANCE |
| SEE TABLES A-E |                                    |



1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

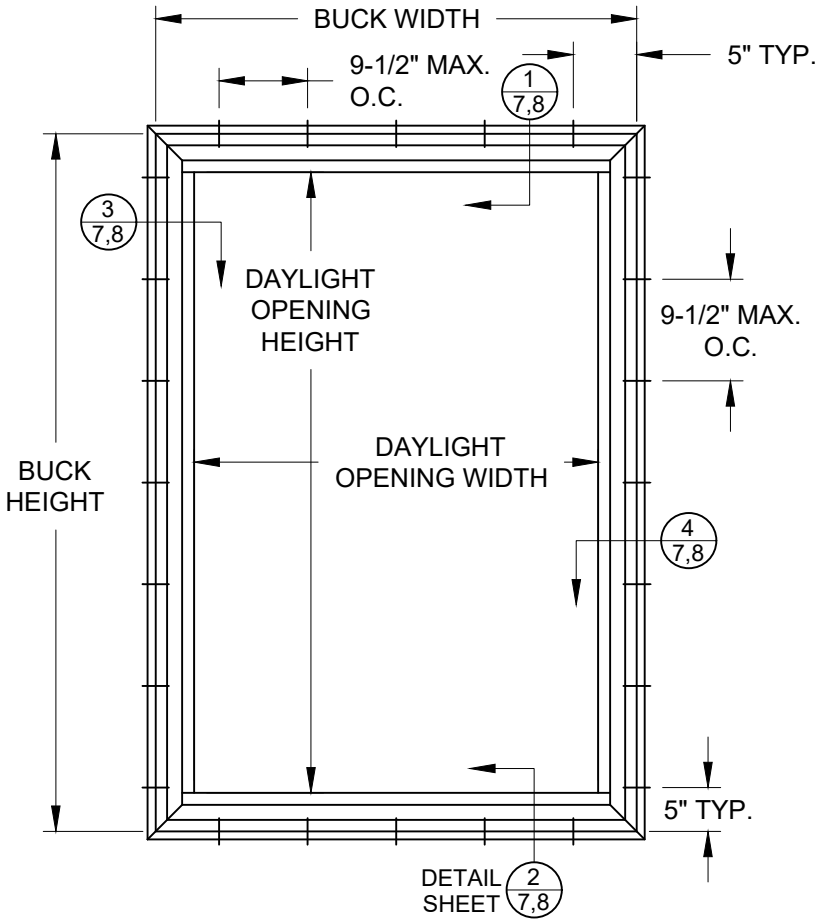
2) SHUTTERS ARE REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.

3) MASONRY ANCHORS MAY BE USED INTO WOOD. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER.

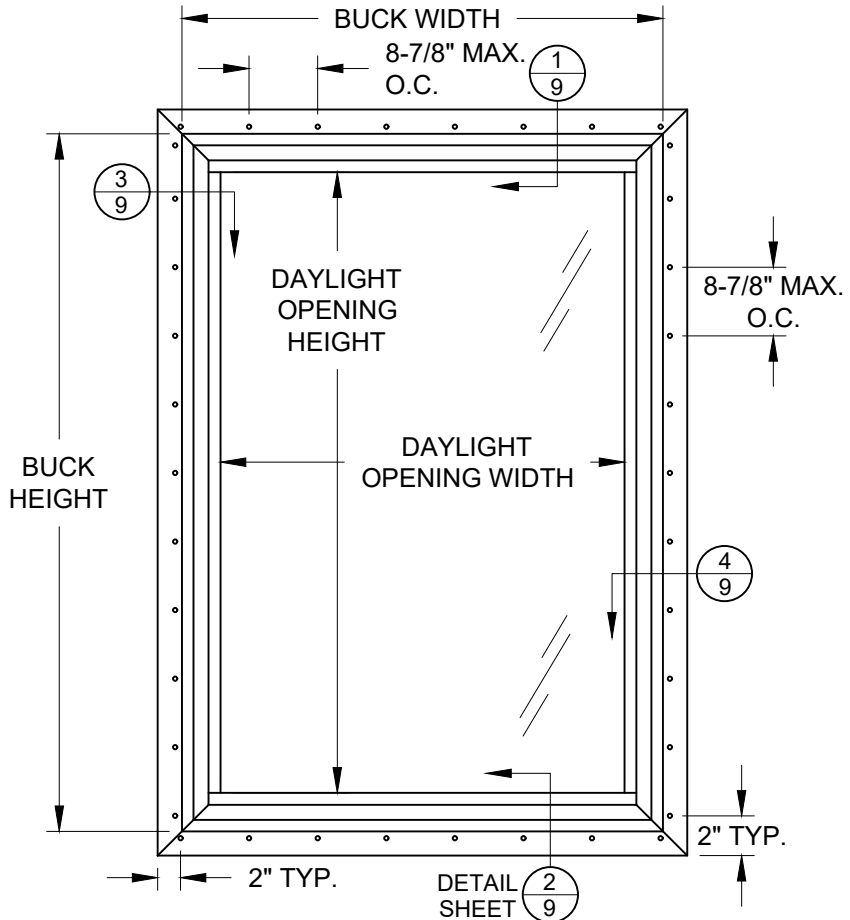
4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH.

5) MAX. 1/4" SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.

6) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WIND LOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.



TYP. ANCHOR LOCATIONS  
(FLANGED FRAME, EQUAL-LEG SIM.)  
SEE TABLES A-E FOR SIZES



TYP. ANCHOR LOCATIONS  
(INTEGRAL FIN FRAME)  
SEE TABLES A-E FOR SIZES

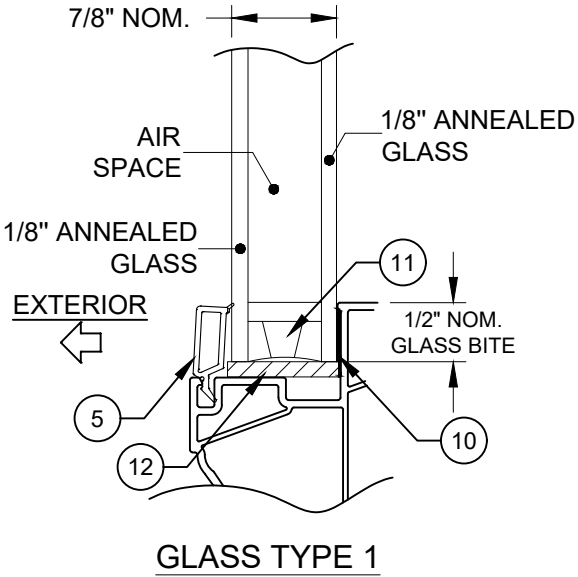
DAYLIGHT OPENING WIDTH = BUCK WIDTH - 4.25  
DAYLIGHT OPENING HEIGHT = BUCK HEIGHT - 4.25

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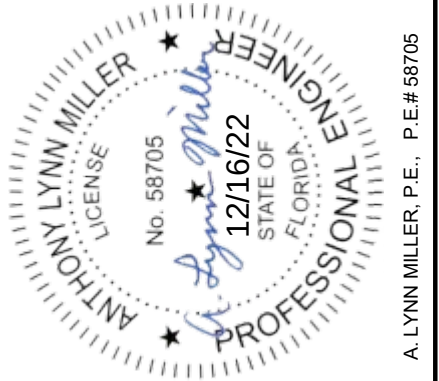
|                                                                                 |  |           |                                                 |  |  |
|---------------------------------------------------------------------------------|--|-----------|-------------------------------------------------|--|--|
| FIXED WINDOW FPA, NI                                                            |  | BY:       | SB                                              |  |  |
| GENERAL NOTES AND ANCHOR ELEVATIONS                                             |  | REVISION: | REVISE SILICONE & ANCHOR OPTIONS, AND DP TABLES |  |  |
| NEWSOUTH WINDOW SOLUTIONS<br>10741 CROSSROADS COMMERCE BLVD.<br>TAMPA, FL 33610 |  | DATE:     | 11/28/22                                        |  |  |
|                                                                                 |  | #:        | B                                               |  |  |
| DATE: 11/28/22                                                                  |  |           |                                                 |  |  |
| SCALE: NTS                                                                      |  |           |                                                 |  |  |
| BY: S. BERKOWITZ                                                                |  |           |                                                 |  |  |
| DRAWING # :<br>PW9600-FPA-01                                                    |  |           |                                                 |  |  |
| SHEET: 1 OF 10                                                                  |  |           |                                                 |  |  |

TABLE A:

| Window Design Pressure (+/- psf)                   |    |                 |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |
|----------------------------------------------------|----|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|
| Glass Type 1: 7/8" IG (1/8" A - AIRSPACE - 1/8" A) |    |                 |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |
| Window Dimensions                                  |    | Long Side (in.) |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |
|                                                    |    | 48              | 50    | 52    | 54    | 56    | 58    | 60    | 62    | 64    | 66    | 68    | 70    | 72    | 74   | 76   | 78   | 80   | 82   | 84   |
| Short Side (in.)                                   | 18 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 98.4 | 97.7 | 97.2 | 96.6 | 96.2 |
|                                                    | 20 | 96.9            | 94.0  | 91.6  | 89.6  | 87.5  | 85.8  | 84.5  | 83.1  | 81.8  | 80.7  | 79.6  | 78.7  | 77.9  | 77.1 | 76.5 | 76.0 | 75.5 | 75.0 | 74.6 |
|                                                    | 22 | 87.8            | 83.8  | 80.2  | 77.0  | 74.8  | 72.9  | 71.2  | 69.8  | 68.4  | 67.2  | 66.0  | 65.0  | 64.1  | 63.2 | 62.4 | 61.7 | 61.0 | 60.4 | 59.8 |
|                                                    | 24 | 84.5            | 79.2  | 74.9  | 72.0  | 69.1  | 66.6  | 64.1  | 61.8  | 59.7  | 57.8  | 56.4  | 55.3  | 54.1  | 53.2 | 52.2 | 51.5 | 50.8 | 50.1 | 49.4 |
|                                                    | 26 | 83.7            | 78.6  | 74.0  | 70.7  | 67.4  | 64.1  | 60.7  | 57.5  | 55.2  | 53.4  | 51.6  | 50.1  | 48.5  | 47.2 | 46.2 | 45.3 | 44.4 | 43.7 | 43.1 |
|                                                    | 28 | 83.5            | 78.4  | 74.0  | 70.8  | 67.5  | 63.9  | 60.4  | 56.7  | 54.3  | 52.0  | 49.9  | 47.6  | 45.9  | 44.6 | 43.3 | 42.0 | 40.8 | 39.8 | 38.6 |
|                                                    | 30 | 82.3            | 78.2  | 74.1  | 70.8  | 67.7  | 64.5  | 61.0  | 57.3  | 54.6  | 52.3  | 49.9  | 47.3  | 45.6  | 44.1 | 42.4 | 40.7 | 39.2 | 37.7 |      |
|                                                    | 32 | 80.6            | 76.4  | 73.3  | 70.4  | 67.3  | 64.2  | 61.4  | 58.1  | 55.2  | 52.8  | 50.5  | 48.1  | 46.0  | 44.3 | 42.7 |      |      |      |      |
|                                                    | 34 | 77.8            | 74.4  | 71.5  | 68.8  | 66.3  | 63.6  | 60.6  | 57.7  | 55.4  | 53.3  | 51.0  | 48.6  | 46.6  |      |      |      |      |      |      |
|                                                    | 36 | 74.3            | 71.8  | 69.5  | 66.8  | 64.1  | 61.8  | 59.5  | 56.8  | 54.7  | 52.7  | 51.1  |       |       |      |      |      |      |      |      |
|                                                    | 38 | 71.6            | 68.9  | 66.5  | 64.2  | 61.9  | 59.4  | 57.1  | 55.3  | 53.6  |       |       |       |       |      |      |      |      |      |      |
|                                                    | 40 | 68.6            | 66.2  | 63.7  | 61.2  | 59.0  | 56.8  | 55.0  |       |       |       |       |       |       |      |      |      |      |      |      |
|                                                    | 42 | 65.6            | 63.2  | 60.8  | 58.3  | 56.0  | 54.3  |       |       |       |       |       |       |       |      |      |      |      |      |      |
|                                                    | 44 | 62.6            | 60.1  | 57.6  | 55.6  |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |
|                                                    | 46 | 59.9            | 57.2  | 55.0  |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |
|                                                    | 48 | 57.2            | 54.9  |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |



NOTES: 1) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.



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BY: SB

REVISION: REVISE SILICONE & ANCHOR  
OPTIONS, AND DP TABLES

DATE: 11/28/22

#: B

DATE: 11/28/22

SCALE: NTS

BY: S. BERKOWITZ

DRAWING #: PW9600-FPA-01

SHEET: 2 OF 10

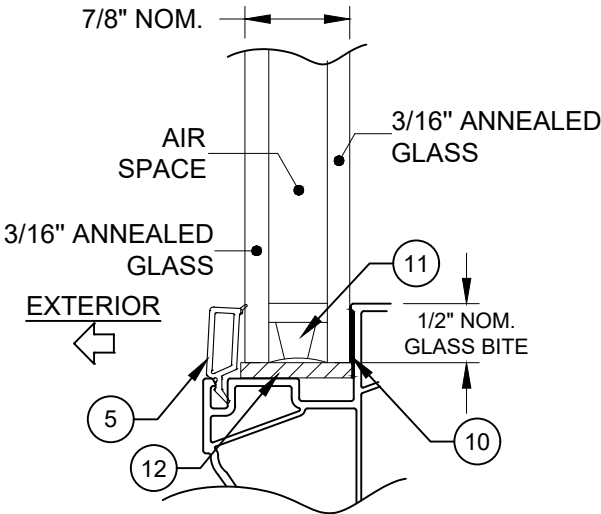
FIXED WINDOW FPA, NI

DP TABLES & GLASS TYPES

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

TABLE B:

| Window Design Pressure (+/- psf)                   |    |                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------------------------------------------|----|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Glass Type 2: 7/8" IG (3/16"A - AIRSPACE - 3/16"A) |    |                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Window Dimensions                                  |    | Long Side (in.) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                    |    | 72              | 74   | 76   | 78   | 80   | 82   | 84   | 86   | 88   | 90   | 92   | 94   | 96   | 98   | 100  | 102  | 104  | 106  | 108  | 110  | 112  | 114  | 116  | 118  | 120  |
| Short Side (in.)                                   | 42 | 70.5            | 68.1 | 65.7 | 63.3 | 60.8 | 58.3 | 56.0 | 54.4 | 52.7 | 51.0 | 49.4 | 47.8 | 46.4 | 45.2 | 44.0 | 43.0 | 42.0 | 41.0 | 39.9 | 38.7 | 37.9 | 37.3 | 36.7 | 36.3 | 35.7 |
|                                                    | 44 | 69.8            | 67.8 | 65.6 | 63.3 | 60.8 | 58.3 | 56.0 | 54.4 | 52.8 | 51.1 | 49.4 | 47.6 | 46.2 | 45.1 | 43.9 | 42.8 | 41.4 | 40.2 | 39.1 | 38.0 | 37.2 | 36.5 | 35.8 |      |      |
|                                                    | 46 | 69.3            | 67.1 | 65.1 | 63.1 | 60.8 | 58.3 | 56.1 | 54.4 | 52.8 | 51.3 | 49.5 | 47.9 | 46.4 | 45.2 | 43.9 | 42.8 | 41.6 | 40.3 | 39.0 | 37.7 | 37.0 |      |      |      |      |
|                                                    | 48 | 68.6            | 66.4 | 64.3 | 62.3 | 60.3 | 58.4 | 56.1 | 54.4 | 52.8 | 51.3 | 49.7 | 48.1 | 46.5 | 45.3 | 44.2 | 42.9 | 41.7 | 40.5 | 39.2 |      |      |      |      |      |      |
|                                                    | 50 | 67.5            | 65.7 | 63.5 | 61.4 | 59.4 | 57.5 | 55.9 | 54.4 | 52.8 | 51.2 | 49.7 | 48.1 | 46.7 | 45.5 | 44.4 | 43.2 |      |      |      |      |      |      |      |      |      |
|                                                    | 52 | 65.9            | 64.2 | 62.6 | 60.5 | 58.5 | 56.5 | 55.1 | 53.9 | 52.6 | 51.2 | 49.5 | 48.0 | 46.6 | 45.5 |      |      |      |      |      |      |      |      |      |      |      |
|                                                    | 54 | 64.3            | 62.5 | 60.9 | 59.3 | 57.6 | 55.7 | 54.3 | 53.0 | 51.8 | 50.6 | 49.4 | 47.9 | 46.5 |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                    | 56 | 62.7            | 60.9 | 59.1 | 57.5 | 56.0 | 54.8 | 53.6 | 52.1 | 50.9 | 49.6 | 48.5 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                    | 58 | 61.0            | 59.1 | 57.3 | 55.8 | 54.7 | 53.6 | 52.4 | 51.3 | 49.9 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                    | 60 | 59.0            | 57.4 | 55.8 | 54.5 | 53.3 | 52.2 | 51.1 | 50.0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                    | 62 | 57.0            | 55.6 | 54.5 | 53.3 | 52.0 | 50.7 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                    | 64 | 55.4            | 54.2 | 53.1 | 51.8 | 50.7 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                    | 66 | 54.0            | 52.7 | 51.6 | 50.4 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                    | 68 | 52.7            | 51.4 | 50.2 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                    | 70 | 51.4            | 50.0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                    | 72 | 50.1            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |



GLASS TYPE 2

NOTES: 1) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.



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REGISTRATION #29296

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FIXED WINDOW FPA, NI

DP TABLES & GLASS TYPES

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

BY:

SB

REVISION:

REVISE SILICONE & ANCHOR  
OPTIONS, AND DP TABLES

DATE:

11/28/22

#:

B

DATE: 11/28/22

SCALE: NTS

BY: S. BERKOWITZ

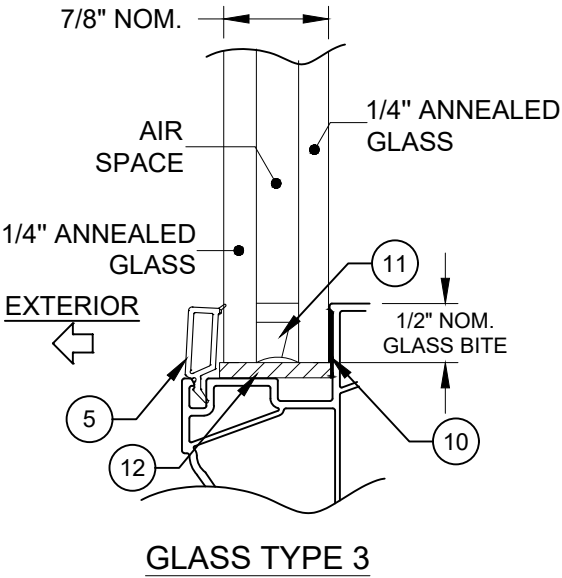
DRAWING # :

PW9600-FPA-01

SHEET: 3 OF 10

TABLE C:

| Window Design Pressure (+/- psf)                   |    |                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|----------------------------------------------------|----|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| Glass Type 3: 7/8" IG (1/4" A - AIRSPACE - 1/4" A) |    |                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Window Dimensions                                  |    | Long Side (in.) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                                    |    | 74              | 76   | 78   | 80   | 82   | 84   | 86   | 88   | 90   | 92   | 94   | 96   | 98   | 100  | 102  | 104  | 106  | 108  | 110  | 112  | 114  | 116  | 118  | 120  |  |
| Short Side (in.)                                   | 44 | 80.0            | 78.1 | 75.2 | 73.2 | 71.2 | 69.2 | 67.3 | 65.3 | 63.3 | 61.1 | 58.8 | 56.7 | 55.6 | 54.5 | 53.4 | 52.3 | 51.2 | 50.3 | 49.4 | 48.4 | 47.5 | 46.8 | 46.2 | 45.6 |  |
|                                                    | 46 | 80.0            | 77.1 | 74.5 | 72.6 | 70.7 | 68.7 | 66.7 | 64.6 | 62.6 | 60.5 | 58.3 | 56.1 | 54.6 | 53.2 | 52.1 | 50.9 | 49.8 | 48.4 | 47.2 | 46.4 | 45.6 | 45.0 | 44.4 | 43.6 |  |
|                                                    | 48 | 79.4            | 76.3 | 74.0 | 72.1 | 70.3 | 68.3 | 66.2 | 64.2 | 62.1 | 60.1 | 57.9 | 55.8 | 54.4 | 53.0 | 51.5 | 50.0 | 48.7 | 47.5 | 46.4 | 45.5 | 44.5 | 43.6 | 42.9 | 42.2 |  |
|                                                    | 50 | 78.6            | 75.6 | 73.5 | 71.6 | 69.8 | 67.8 | 65.9 | 63.9 | 61.9 | 59.7 | 57.6 | 55.8 | 54.4 | 52.9 | 51.5 | 49.9 | 48.4 | 46.9 | 46.0 | 45.1 | 44.2 |      |      |      |  |
|                                                    | 52 | 77.4            | 74.9 | 73.0 | 71.1 | 69.2 | 67.3 | 65.4 | 63.5 | 61.5 | 59.5 | 57.4 | 55.6 | 54.2 | 52.9 | 51.5 | 49.9 | 48.4 | 47.0 | 45.9 |      |      |      |      |      |  |
|                                                    | 54 | 75.9            | 74.0 | 72.3 | 70.7 | 68.7 | 66.8 | 64.9 | 63.0 | 61.1 | 59.3 | 57.2 | 55.6 | 54.2 | 52.7 | 51.4 | 50.0 | 48.4 |      |      |      |      |      |      |      |  |
|                                                    | 56 | 74.7            | 72.9 | 71.3 | 69.7 | 68.1 | 66.3 | 64.4 | 62.4 | 60.6 | 58.7 | 56.8 | 55.4 | 54.1 | 52.7 | 51.3 |      |      |      |      |      |      |      |      |      |  |
|                                                    | 58 | 73.8            | 72.0 | 70.2 | 68.5 | 67.0 | 65.5 | 63.9 | 61.9 | 60.0 | 58.1 | 56.4 | 55.1 | 54.0 |      |      |      |      |      |      |      |      |      |      |      |  |
|                                                    | 60 | 72.7            | 70.9 | 69.1 | 67.5 | 65.8 | 64.2 | 62.8 | 61.3 | 59.5 | 57.6 | 56.0 | 54.6 |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                                    | 62 | 71.3            | 69.8 | 68.1 | 66.4 | 64.6 | 63.0 | 61.5 | 60.1 | 58.7 | 57.1 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                                    | 64 | 69.7            | 68.2 | 66.8 | 65.2 | 63.5 | 61.9 | 60.3 | 58.7 | 57.2 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                                    | 66 | 68.1            | 66.6 | 65.2 | 63.8 | 62.2 | 60.6 | 59.0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                                    | 68 | 66.6            | 65.1 | 63.6 | 62.1 | 60.7 | 59.3 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                                    | 70 | 65.2            | 63.6 | 62.0 | 60.5 | 59.1 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                                    | 72 | 63.8            | 62.1 | 60.5 | 59.0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                                    | 74 | 62.3            | 60.7 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |



NOTES:  
1) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.



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BY: FIXED WINDOW FPA, NI

SB DP TABLES & GLASS TYPES

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

REVISION: REVISE SILICONE & ANCHOR OPTIONS, AND DP TABLES

DATE: 11/28/22

#: B

DATE: 11/28/22

SCALE: NTS

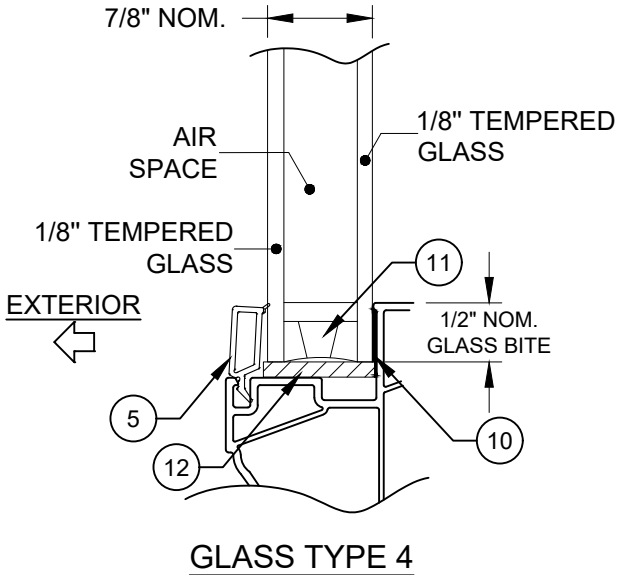
BY: S. BERKOWITZ

DRAWING #: PW9600-FPA-01

SHEET: 4 OF 9

TABLE D:

| Window Design Pressure (+/- psf)                   |    |                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------------------------------------------|----|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Glass Type 4: 7/8" IG (1/8" T - AIRSPACE - 1/8" T) |    |                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Window Dimensions                                  |    | Long Side (in.) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                                    |    | 48              | 50    | 52    | 54    | 56    | 58    | 60    | 62    | 64    | 66    | 68    | 70    | 72    | 74    | 76    | 78    | 80    | 82    | 84    |
| Short Side (in.)                                   | 18 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
|                                                    | 20 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
|                                                    | 22 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
|                                                    | 24 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
|                                                    | 26 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
|                                                    | 28 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
|                                                    | 30 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
|                                                    | 32 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
|                                                    | 34 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |       |       |       |       |       |       |
|                                                    | 36 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |       |       |       |       |       |       |       |       |
|                                                    | 38 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |       |       |       |       |       |       |       |       |       |       |
|                                                    | 40 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |       |       |       |       |       |       |       |       |       |       |       |       |
|                                                    | 42 | 100.0           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                                    | 44 | 100.0           | 100.0 | 100.0 | 100.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                                    | 46 | 100.0           | 100.0 | 100.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                                    | 48 | 100.0           | 100.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |



NOTES:  
1) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.



PREPARED BY: A. LYNN MILLER, P.E.  
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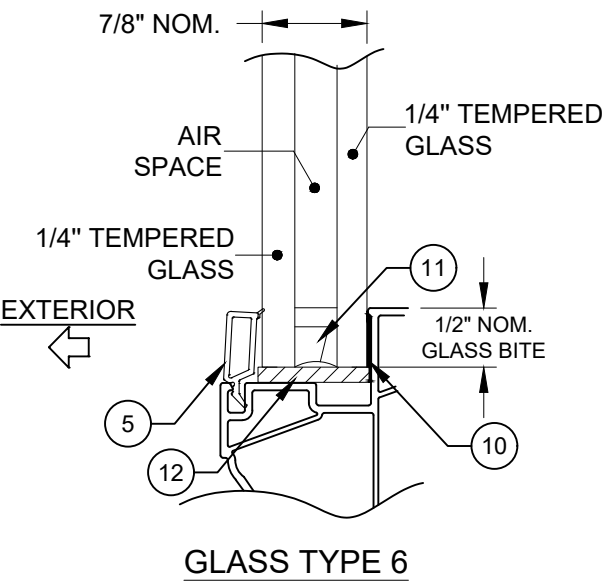
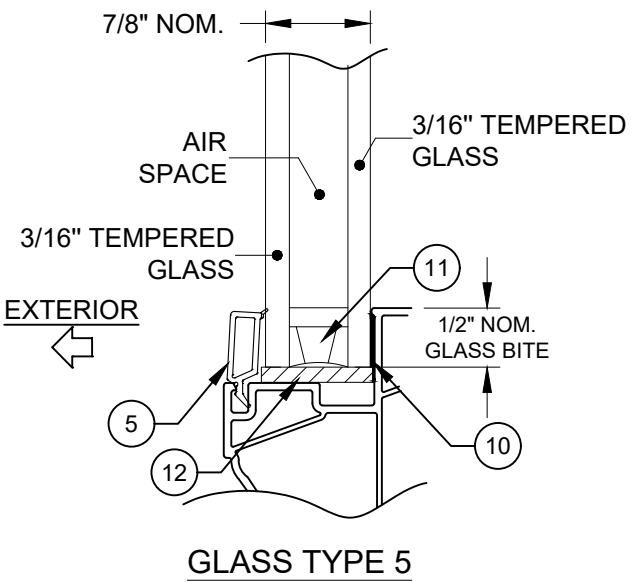
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|             |                                                                                 |  |  |
|-------------|---------------------------------------------------------------------------------|--|--|
| BY:         | FIXED WINDOW FPA, NI                                                            |  |  |
| REVISION:   | DP TABLES & GLASS TYPES                                                         |  |  |
| DATE:       | NEWSOUTH WINDOW SOLUTIONS<br>10741 CROSSROADS COMMERCE BLVD.<br>TAMPA, FL 33610 |  |  |
| #:          | B                                                                               |  |  |
| DATE:       | 11/28/22                                                                        |  |  |
| REVISION:   | REVISE SILICONE & ANCHOR<br>OPTIONS, AND DP TABLES                              |  |  |
| SCALE:      | NTS                                                                             |  |  |
| BY:         | S. BERKOWITZ                                                                    |  |  |
| DRAWING # : | PW9600-FPA-01                                                                   |  |  |
| SHEET:      | 5 OF 10                                                                         |  |  |

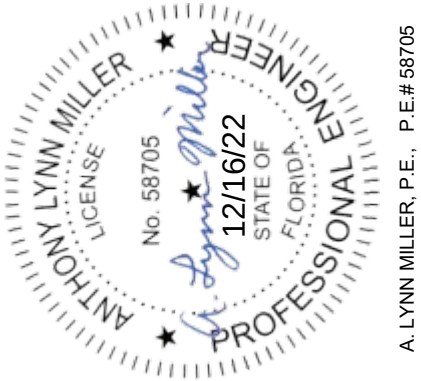


TABLE E:

| Window Design Pressure (+/- psf) |        |                                                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|----------------------------------|--------|----------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| Window<br>Dimensions             |        | Glass Type 5: 7/8" IG (3/16"T - AIRSPACE - 3/16"T) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                  |        | Glass Type 6: 7/8" IG (1/4"T - AIRSPACE - 1/4"T)   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                  |        | Long Side (in.)                                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                  |        | 75.875                                             | 76   | 78   | 80   | 82   | 84   | 86   | 88   | 90   | 92   | 94   | 96   | 98   | 100  | 102  | 104  | 106  | 108  | 110  | 112  | 114  | 116  | 118  | 120  |  |
|                                  | 46     | 85.0                                               | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 84.5 | 84.1 | 83.7 | 80.0 | 80.0 | 80.0 | 80.0 |  |
|                                  | 48     | 85.0                                               | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 84.4 | 83.9 | 83.4 | 82.9 | 82.4 | 82.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |  |
|                                  | 50     | 85.0                                               | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 84.7 | 84.0 | 83.4 | 82.7 | 82.2 | 81.6 | 81.1 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |      |      |      |  |
|                                  | 52     | 85.0                                               | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 84.3 | 83.5 | 82.8 | 82.0 | 81.3 | 80.7 | 80.1 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |      |      |      |      |      |  |
|                                  | 54     | 85.0                                               | 85.0 | 85.0 | 85.0 | 84.5 | 83.5 | 82.6 | 81.7 | 81.0 | 80.2 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |      |      |      |      |      |      |      |      |  |
|                                  | 56     | 85.0                                               | 85.0 | 85.0 | 84.1 | 83.0 | 82.0 | 81.0 | 80.1 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |      |      |      |      |      |      |      |      |      |      |  |
|                                  | 58     | 85.0                                               | 85.0 | 84.0 | 82.8 | 81.6 | 80.6 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |      |      |      |      |      |      |      |      |      |      |      |  |
|                                  | 60     | 84.4                                               | 84.3 | 82.9 | 81.6 | 80.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                  | 62     | 83.4                                               | 83.4 | 81.9 | 80.6 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                  | 64     | 82.7                                               | 82.6 | 81.1 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                  | 66     | 82.0                                               | 81.9 | 80.4 | 80.0 | 80.0 | 80.0 | 80.0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                  | 68     | 81.5                                               | 81.4 | 80.0 | 80.0 | 80.0 | 80.0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                  | 70     | 80.0                                               | 80.0 | 80.0 | 80.0 | 80.0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                  | 72     | 80.0                                               | 80.0 | 80.0 | 80.0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                  | 74     | 80.0                                               | 80.0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                                  | 75.875 | 80.0                                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |



NOTES:  
1) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.



A. LYNN MILLER, P.E., P.E.# 58705

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BY: FIXED WINDOW FPA, NI

SB DP TABLES & GLASS TYPES

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

REVISION:

DATE:

#:

DATE: 11/28/22

SCALE: NTS

BY: S. BERKOWITZ

DRAWING # : PW9600-FPA-01

SHEET: 6 OF 10

REVISE SILICONE & ANCHOR  
OPTIONS, AND DP TABLES

11/28/22

B

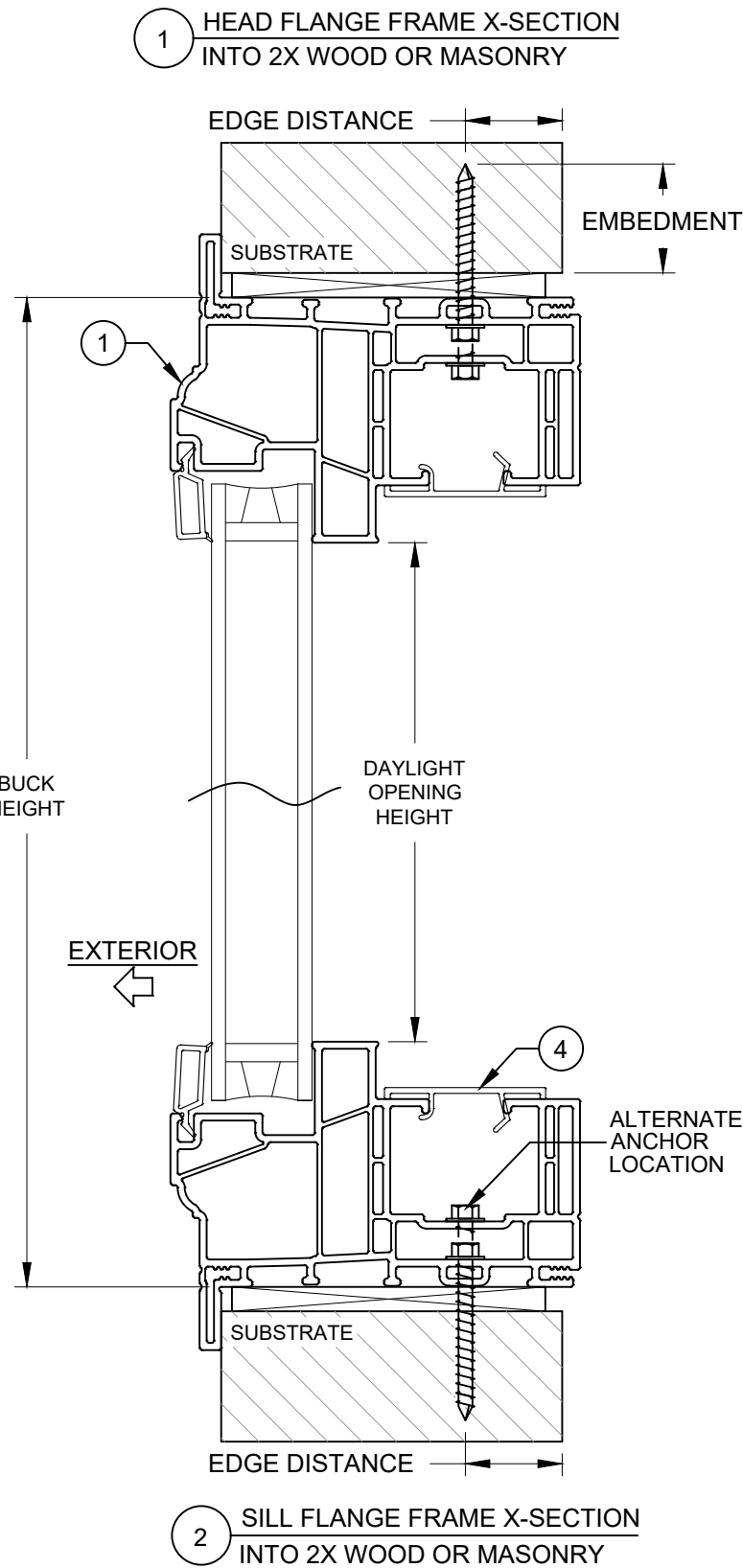


TABLE 2: INSTALLATION ANCHORS

| Anchor                           | Substrate                  | Minimum Edge Distance | Minimum Embedment |
|----------------------------------|----------------------------|-----------------------|-------------------|
| #10 or #12 Steel or 410 SS Screw | Southern Pine (SG = .55)   | 9/16"                 | 1-3/8"            |
|                                  | Aluminum, 6063-T5 min.     | 3/8"                  | 0.050"            |
|                                  | Steel Stud, Gr. 33 min.    | 3/8"                  | 0.045" (20 Ga)    |
|                                  | A36 Steel                  | 3/8"                  | 0.050"            |
| 3/16" Steel Ultracon+            | Concrete (min. 2.9 ksi)    | 1"                    | 1-3/4"            |
|                                  | UngROUTED CMU, (ASTM C-90) | 1"                    | 1-1/4"            |
|                                  | Southern Pine (SG = .55)   | 1"                    | 1-3/8"            |
| 1/4" Steel Ultracon+             | Concrete (min. 3.0 ksi)    | 1"                    | 1-3/8"            |
|                                  | UngROUTED CMU, (ASTM C-90) | 1"                    | 1-1/4"            |
|                                  | Southern Pine (SG = .55)   | 1"                    | 1-3/8"            |

- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.
- 2) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 3) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR ANCHOR SPACING REQUIREMENTS.
- 2) ANY INSTALLATION OPTION SHOWN (2X BUCK, 1X BUCK, DIRECT TO MASONRY, STEEL STUD) MAY BE USED ON ANY SIDE OF THE WINDOW.
- 3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. MAX. SHIM THICKNESS TO BE 1/4". ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY OR ALL SIDES OF THE WINDOW.



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FIXED WINDOW FPA, NI

FLANGE INSTALLATION SECTION VIEWS

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

BY:

SB

REVISION:

REVISE SILICONE & ANCHOR  
OPTIONS, AND DP TABLES

DATE:

11/28/22

#:

B

DATE: 11/28/22

SCALE: NTS

BY: S. BERKOWITZ

DRAWING # :  
PW9600-FPA-01

SHEET: 7 OF 10

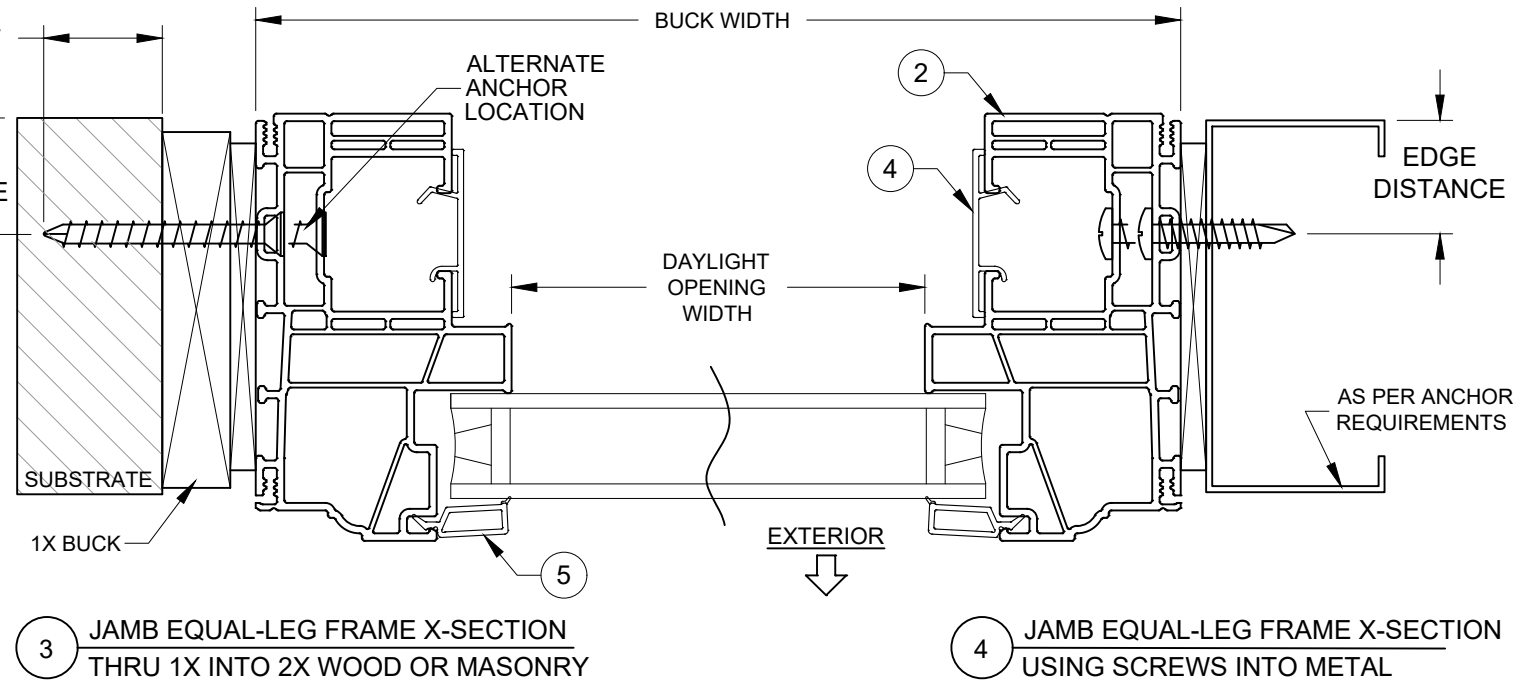
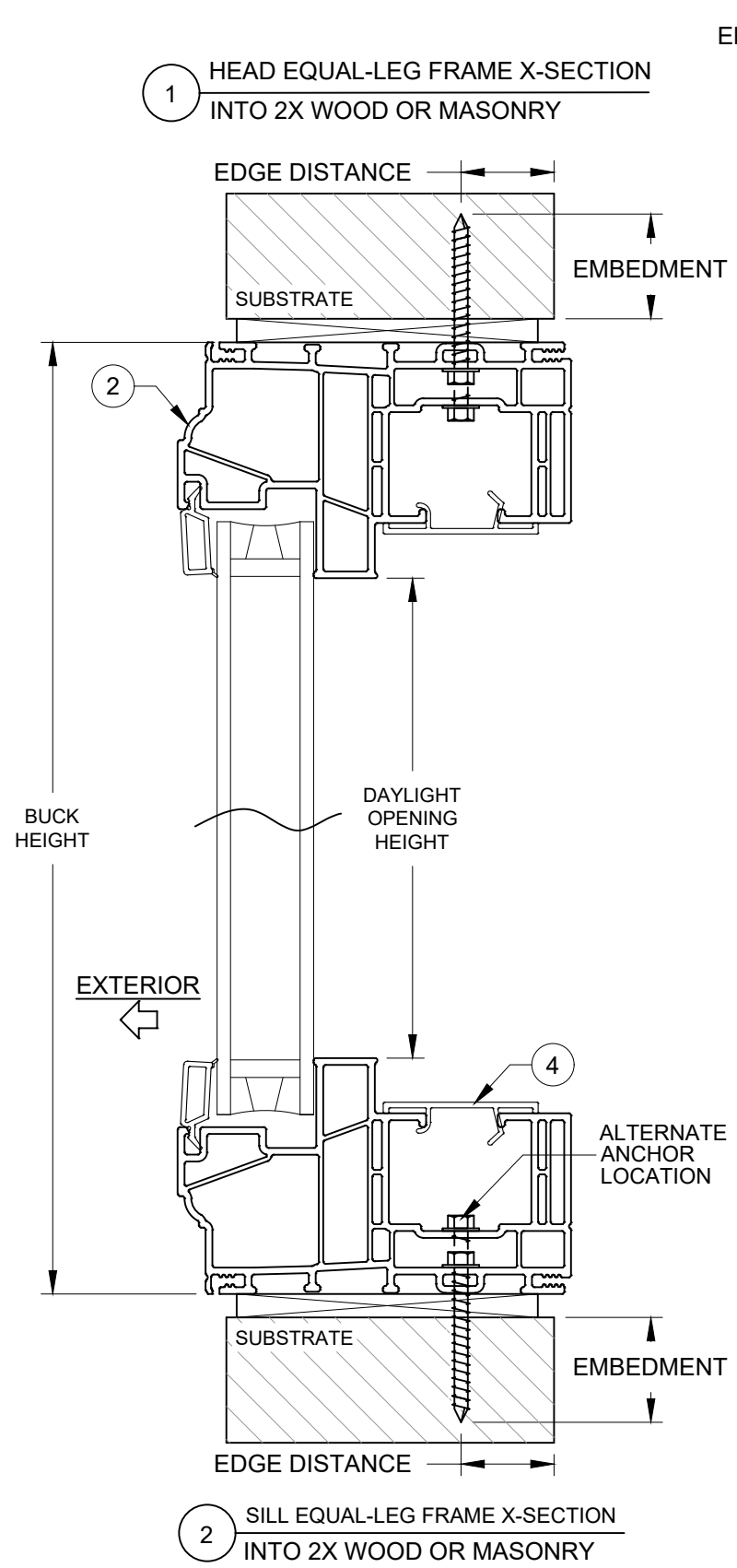


TABLE 3: INSTALLATION ANCHORS

| Anchor                           | Substrate                  | Minimum Edge Distance | Minimum Embedment |
|----------------------------------|----------------------------|-----------------------|-------------------|
| #10 or #12 Steel or 410 SS Screw | Southern Pine (SG = .55)   | 9/16"                 | 1-3/8"            |
|                                  | Aluminum, 6063-T5 min.     | 3/8"                  | 0.050"            |
|                                  | Steel Stud, Gr. 33 min.    | 3/8"                  | 0.045" (20 Ga)    |
|                                  | A36 Steel                  | 3/8"                  | 0.050"            |
| 3/16" Steel Ultracon+            | Concrete (min. 2.9 ksi)    | 1"                    | 1-3/4"            |
|                                  | Ungrouted CMU, (ASTM C-90) | 1"                    | 1-1/4"            |
|                                  | Southern Pine (SG = .55)   | 1"                    | 1-3/8"            |
| 1/4" Steel Ultracon+             | Concrete (min. 3.0 ksi)    | 1"                    | 1-3/8"            |
|                                  | Ungrouted CMU, (ASTM C-90) | 1"                    | 1-1/4"            |
|                                  | Southern Pine (SG = .55)   | 1"                    | 1-3/8"            |

- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.
- 2) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 3) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

**INSTALLATION NOTES:**

1) SEE SHEET 1 FOR ANCHOR SPACING REQUIREMENTS.

2) ANY INSTALLATION OPTION SHOWN (2X BUCK, 1X BUCK, DIRECT TO MASONRY, STEEL STUD) MAY BE USED ON ANY SIDE OF THE WINDOW.

3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. MAX. SHIM THICKNESS TO BE 1/4". ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY OR ALL SIDES OF THE WINDOW.



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|                          |    |                                         |           |                                                                                 |          |
|--------------------------|----|-----------------------------------------|-----------|---------------------------------------------------------------------------------|----------|
| FIXED WINDOW FPA, NI     |    | EQUAL-LEG INSTALLATION<br>SECTION VIEWS |           | NEWSOUTH WINDOW SOLUTIONS<br>10741 CROSSROADS COMMERCE BLVD.<br>TAMPA, FL 33610 |          |
| BY:                      | SB | REVISION:                               | REVISION: | DATE:                                                                           | DATE:    |
|                          |    |                                         |           | 11/28/22                                                                        | 11/28/22 |
| #:                       | B  |                                         |           |                                                                                 |          |
| DATE: 11/28/22           |    |                                         |           |                                                                                 |          |
| SCALE: NTS               |    |                                         |           |                                                                                 |          |
| BY: S. BERKOWITZ         |    |                                         |           |                                                                                 |          |
| DRAWING #: PW9600-FPA-01 |    |                                         |           |                                                                                 |          |
| SHEET: 8 OF 10           |    |                                         |           |                                                                                 |          |



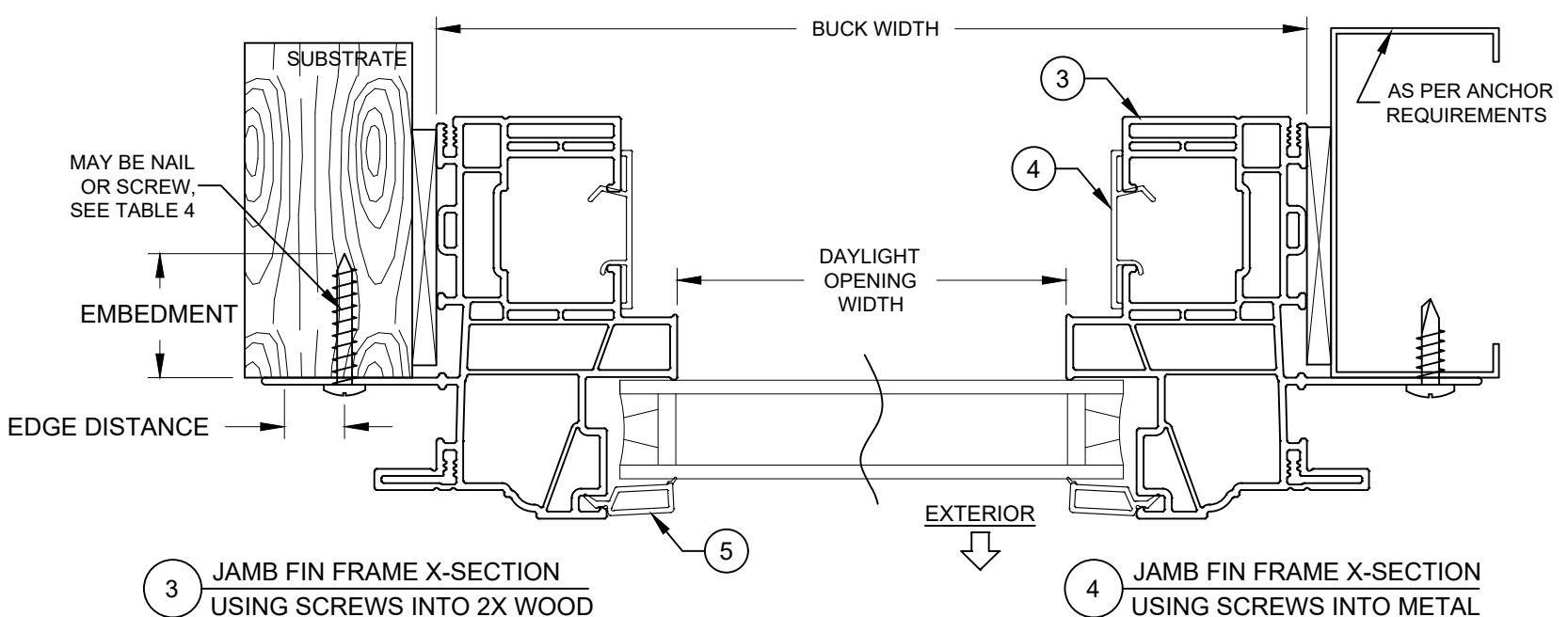
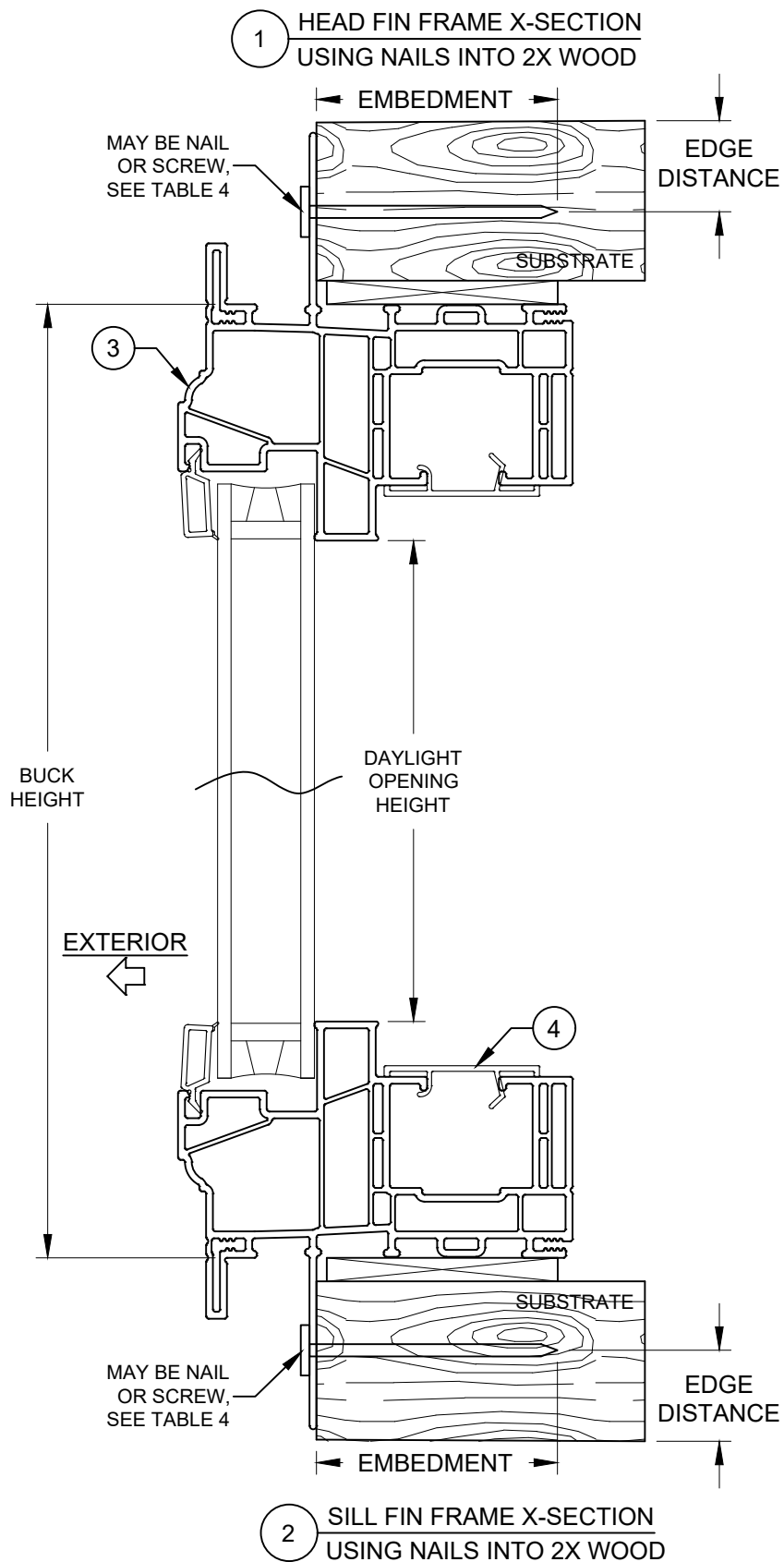


TABLE 4: INSTALLATION ANCHORS

| Anchor                      | Substrate                     | Min. Edge Distance | Min. Embedment |
|-----------------------------|-------------------------------|--------------------|----------------|
| 2-1/2" x .113" Box Nail     | P.T. Southern Pine (SG = .55) | 5/16"              | 2-7/16"        |
| 2-1/2" x .131" Common Nail  | P.T. Southern Pine (SG = .55) | 3/8"               | 2-7/16"        |
| 2-1/2" x .145" Roofing Nail | P.T. Southern Pine (SG = .55) | 3/8"               | 2-7/16"        |
| #10 Steel SMS               | P.T. Southern Pine (SG = .55) | 1/2"               | 1-3/8"         |
|                             | Aluminum, 6063-T5 min.        | 3/8"               | 1/8"           |
|                             | Steel Stud, Gr. 33 min.       | 3/8"               | 0.036          |
|                             | A36 Steel                     | 3/8"               | 1/8"           |

1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.  
2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR SPACING REQUIREMENTS.
- 2) FLANGE AND/OR FIN MAY BE REMOVED TO CREATE OTHER APPROVED FRAME TYPES.
- 3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY OR ALL SIDES OF THE WINDOW.
- 4) MAX. SHIM THICKNESS TO BE 1/4". MAX. SHIM SPACING TO BE 18".

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
12/16/22  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

A. LYNN MILLER, P.E., P.E.# 58705

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FIXED WINDOW FPA, NI

FIN INSTALLATION SECTION VIEWS

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

BY:

REVISION:

DATE:

#:

DATE: 11/28/22

SCALE: NTS

BY: S. BERKOWITZ

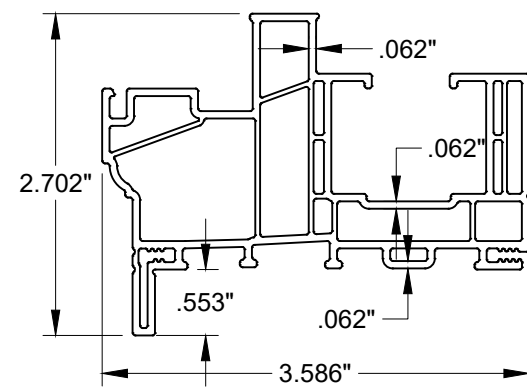
DRAWING #: PW9600-FPA-01

SHEET: 9 OF 10

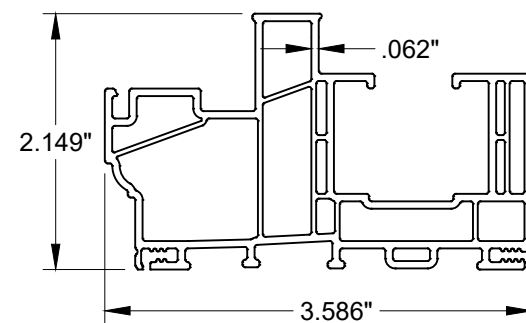
REVISION: REVISE SILICONE & ANCHOR OPTIONS, AND DP TABLES

DATE: 11/28/22

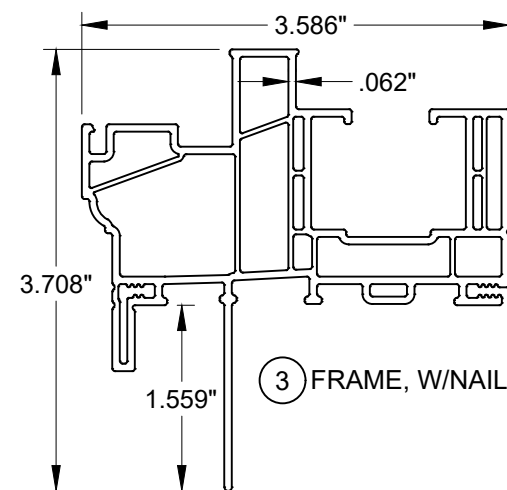
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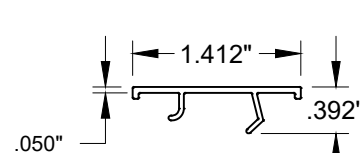
① FRAME, W/FLANGE



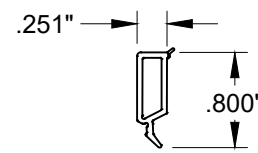
② FRAME, EQUAL LEG



③ FRAME, W/NAILING FIN



④ ANCHOR COVER

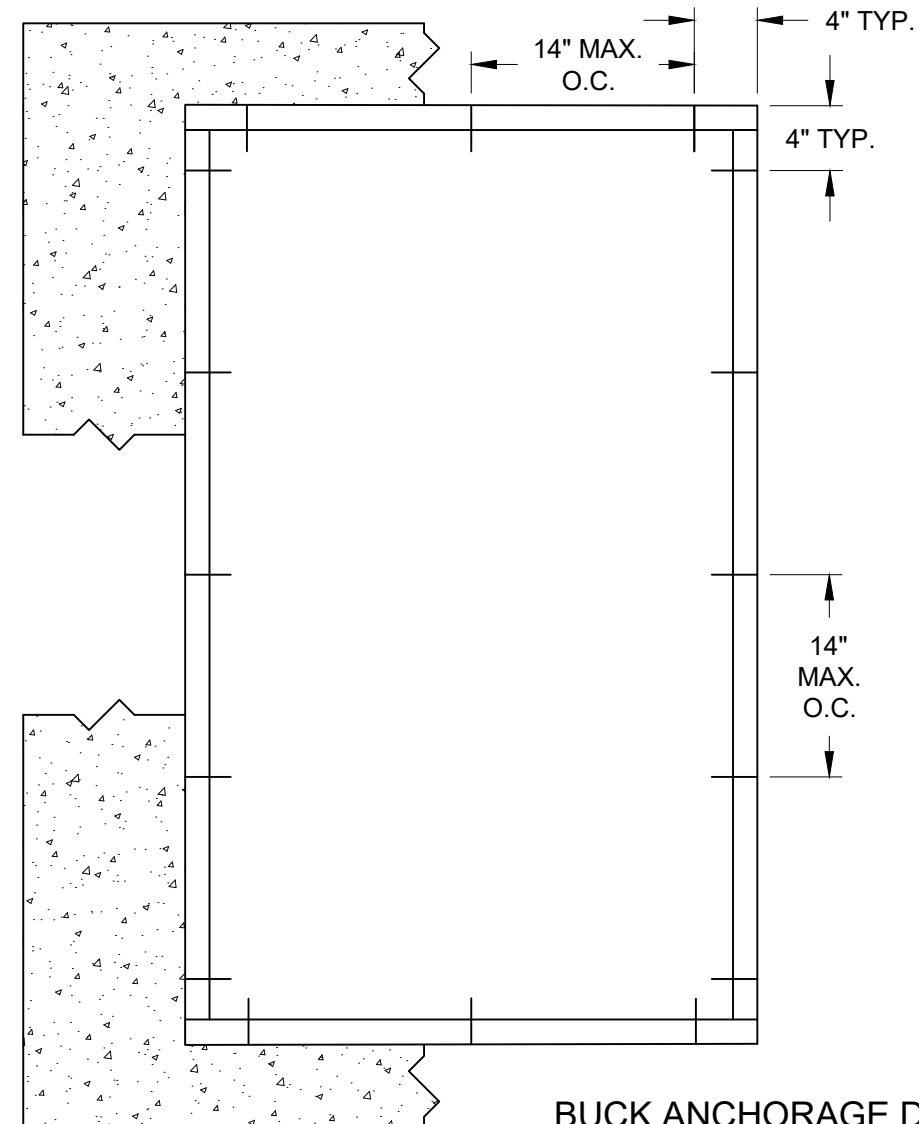


⑤ GLAZING BEAD

TABLE 5:

| #  | Part # | Description                             | Material |
|----|--------|-----------------------------------------|----------|
| 1  | 9465   | Frame, w/Flange                         | PVC      |
| 2  | 9465   | Frame, Equal Leg                        | PVC      |
| 3  | 9455   | Frame, w/Nailing Fin                    | PVC      |
| 4  | 9473   | Anchor Cover                            | PVC      |
| 5  | 9736   | Glazing Bead                            | PVC      |
| 10 |        | Glazing compound: RGS7700, Dow 791, 983 |          |
| 11 |        | Metal or TPS Spacer                     | VARIES   |
| 12 | 7061   | Setting Block, 1/8" x 7/8" x 2"         | EPDM     |

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BUCK ANCHORAGE DETAIL

TABLE 6:

| Anchor               | Substrate                  | Minimum Edge Distance | Minimum Embedment |
|----------------------|----------------------------|-----------------------|-------------------|
| 1/4" Steel Ultracon+ | Concrete (min. 3.0 ksi)    | 1"                    | 1-3/8"            |
|                      | UngROUTED CMU, (ASTM C-90) | 1"                    | 1-1/4"            |

1) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.

2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.



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FIXED WINDOW FPA, NI

BILL OF MATERIALS/EXTRUSIONS/BOM  
BUCK INSTALLATION DETAILS

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

|           |                                                    |
|-----------|----------------------------------------------------|
| BY:       | SB                                                 |
| REVISION: | REVISE SILICONE & ANCHOR<br>OPTIONS, AND DP TABLES |
| DATE:     | 11/28/22                                           |
| #:        | B                                                  |

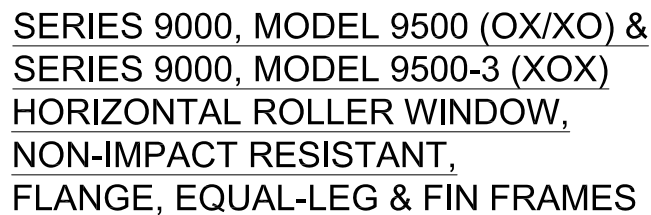
DATE: 11/28/22

SCALE: NTS

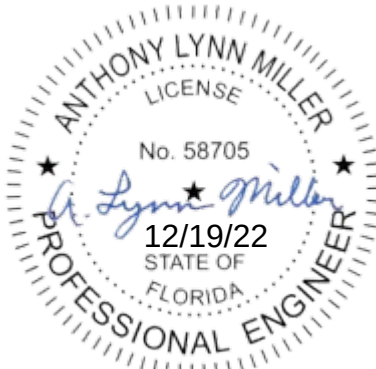
BY: S. BERKOWITZ

DRAWING # :  
PW9600-FPA-01

SHEET: 10 OF 10



|                  |                                               |
|------------------|-----------------------------------------------|
| DP RATING        | NOT RATED FOR<br>MISSILE IMPACT<br>RESISTANCE |
| SEE TABLES 1 & 2 |                                               |



1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

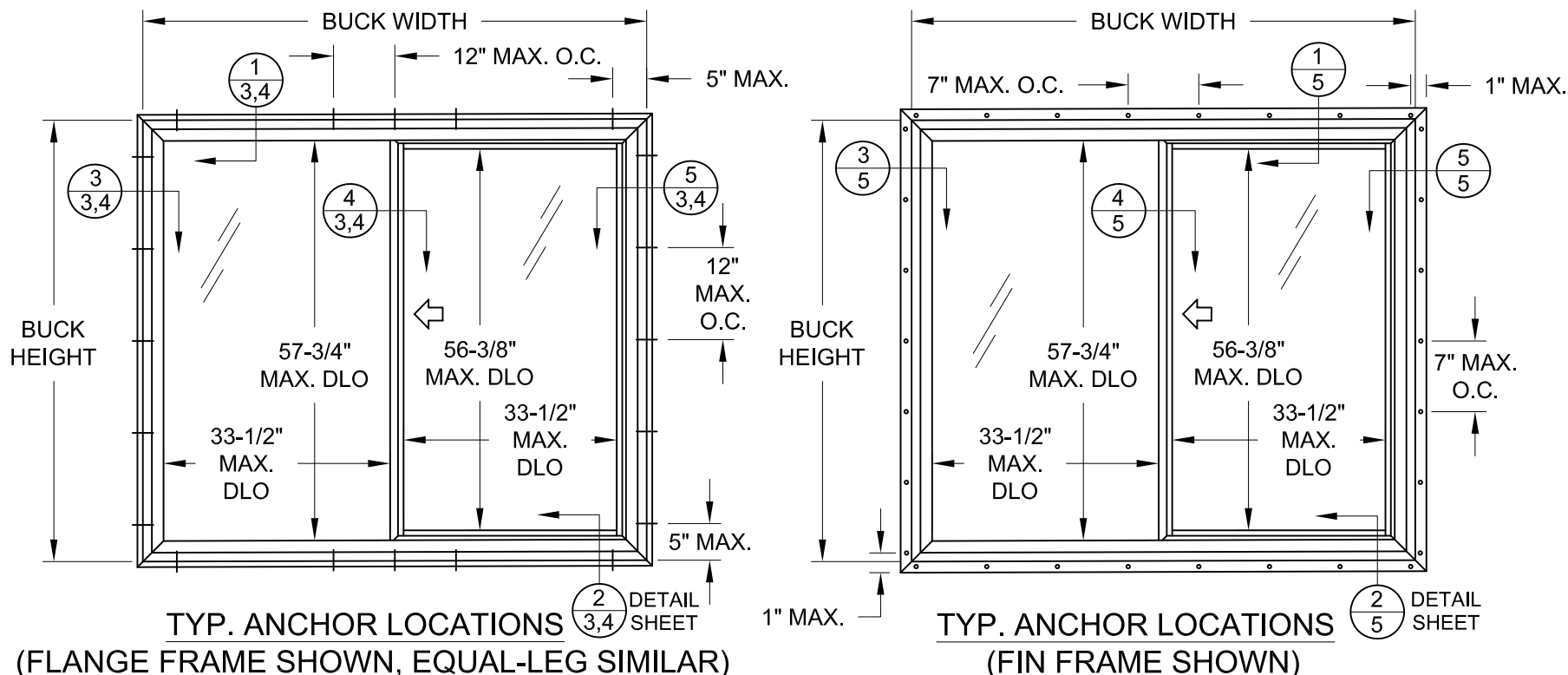
2) SHUTTERS ARE REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.

3) MASONRY ANCHORS MAY BE USED INTO WOOD. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER.

4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH.

5) MAX. 1/4" SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.

6) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WIND LOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.



| Buck Width | Buck Height | Configuration | Impact Level | Frame Type        | Glass Type | Design Pressure |         |
|------------|-------------|---------------|--------------|-------------------|------------|-----------------|---------|
|            |             |               |              |                   |            | (+) psf         | (-) psf |
| 74"        | 62"         | XO/OX         | Non-Impact   | Flange, Equal-Leg | 1 or 2     | 45.0            | 45.0    |
| 74"        | 62"         | XO/OX         | Non-Impact   | Flange, Equal-Leg | 3 or 4     | 55.0            | 65.0    |
| 60"        | 60"         | XO/OX         | Non-Impact   | Flange, Equal-Leg | 1 or 2     | 55.0            | 55.0    |
| 74"        | 62"         | XO/OX         | Non-Impact   | Integral Fin      | 1 or 2     | 45.0            | 45.0    |
| 74"        | 62"         | XO/OX         | Non-Impact   | Integral Fin      | 3 or 4     | 55.0            | 60.0    |
| 60"        | 60"         | XO/OX         | Non-Impact   | Integral Fin      | 1 or 2     | 50.0            | 50.0    |

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.  
FOR GLASS TYPES. SEE SHEET 7.

REGISTRATION #29296

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PREPARED BY: A. LYNN MILLER, P.E.

1070 TECHNOLOGY DR

(941)-480-1600

# 9000 SERIES HORIZ. ROLLER

## MODELS 9500 & 9500-3. NI

## GENERAL NOTES, XO DESIGN

## PRESSURES & ANCHOR ELEVATION

NEWS/COULTER WINDOW SOLUTIONS

NEWSOUTH WINDOW SOLUTIONS  
10341 CROSSBOARDS COMMERCE BLVD

24

1

**DEVIATION:**

MINOR EDITORIAL UPDATES

DATE:

12/25

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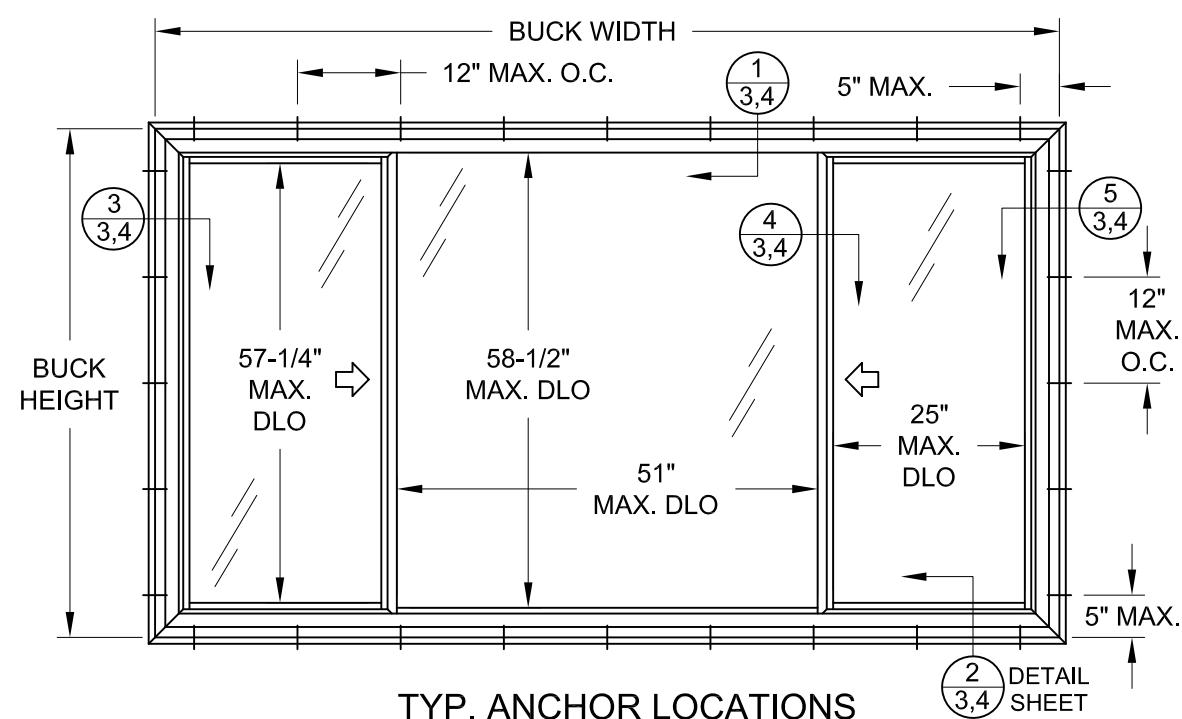
DATE: 12/14/2022

SCALE: NTS

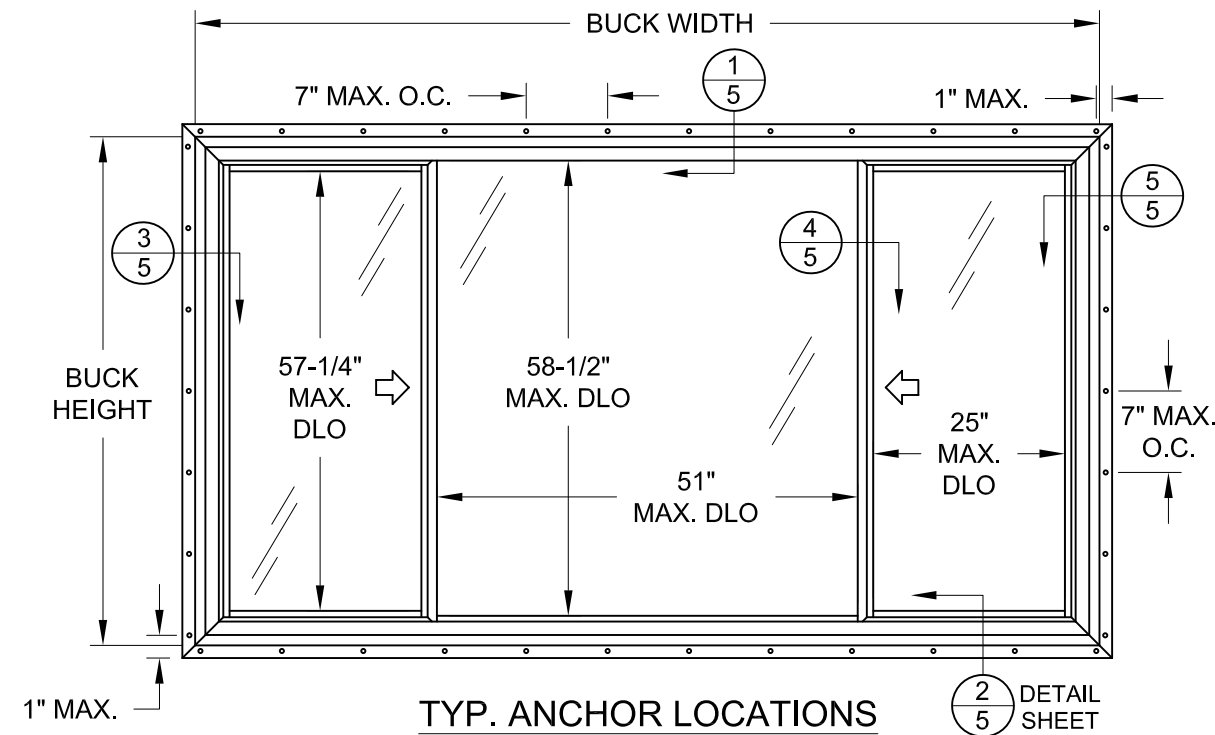
BY:LOGAN YODER

DRAWING # :  
HR9000-FPA-NI

SHEET: 1 OF 7



TYP. ANCHOR LOCATIONS  
(FLANGE FRAME SHOWN, EQUAL-LEG SIMILAR)  
(1/4 - 1/2 - 1/4 CONFIGURATION SHOWN)



TYP. ANCHOR LOCATIONS  
(FIN FRAME SHOWN)  
(1/4 - 1/2 - 1/4 CONFIGURATION SHOWN)

TABLE 2:

| Buck Width | Buck Height | Configuration           | Impact Level | Frame Type           | Glass Types              | Design Pressure |         |
|------------|-------------|-------------------------|--------------|----------------------|--------------------------|-----------------|---------|
|            |             |                         |              |                      |                          | (+) psf         | (-) psf |
| 82-7/8"    | 63"         | XOX,<br>(1/3, 1/3, 1/3) | Non-Impact   | Flange,<br>Equal-Leg | Operable Lite: 1-4       | 50.0            | 50.0    |
|            |             |                         |              |                      | Fixed Lite: 1-4          |                 |         |
| 82-7/8"    | 63"         | XOX,<br>(1/3, 1/3, 1/3) | Non-Impact   | Fin                  | Operable Lite: 1-4       | 45.0            | 45.0    |
|            |             |                         |              |                      | Fixed Lite: 1-4          |                 |         |
| 111"       | 63"         | XOX,<br>(1/4, 1/2, 1/4) | Non-Impact   | Flange,<br>Equal-Leg | Operable Lite: 1-4       | 50.0            | 50.0    |
|            |             |                         |              |                      | Fixed Lite, See Table 2A |                 |         |
| 111"       | 63"         | XOX,<br>(1/4, 1/2, 1/4) | Non-Impact   | Fin                  | Operable Lite: 1-4       | 45.0            | 45.0    |
|            |             |                         |              |                      | Fixed Lite, See Table 2A |                 |         |

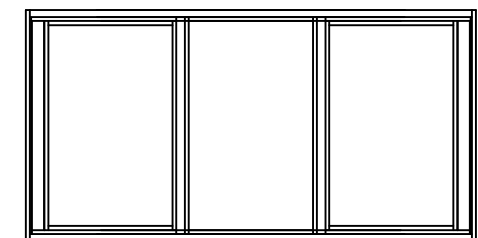
TABLE 2A:

| Allowable Glass Types for the Fixed Lite of an XOX 1/4 - 1/2 - 1/4 |     |       |       |       |       |       |       |
|--------------------------------------------------------------------|-----|-------|-------|-------|-------|-------|-------|
|                                                                    |     | Width |       |       |       |       |       |
|                                                                    |     | 60"   | 72"   | 84"   | 96"   | 108"  | 111"  |
| Height                                                             | 36" | 1 - 4 | 1 - 4 | 1 - 4 | 1 - 4 | 1 - 4 | 1 - 4 |
|                                                                    | 48" | 1 - 4 | 1 - 4 | 1 - 4 | 1 - 4 | 2 - 4 | 2 - 4 |
|                                                                    | 54" | 1 - 4 | 1 - 4 | 1 - 4 | 2 - 4 | 2 - 4 | 2 - 4 |
|                                                                    | 60" | 1 - 4 | 1 - 4 | 2 - 4 | 2 - 4 | 3 & 4 | 3 & 4 |
|                                                                    | 63" | 1 - 4 | 1 - 4 | 2 - 4 | 2 - 4 | 3 & 4 | 3 & 4 |

1) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.

2) FOR GLASS DESCRIPTIONS, SEE SHEET 7.

3) BUCK DIMENSIONS SHOWN.



WINDOW MAY BE A 1/4 - 1/2 - 1/4 CONFIGURATION OR 1/3 - 1/3 - 1/3 CONFIGURATION PROVIDED DLO (DAYLITE OPENING) SIZES ARE NOT EXCEEDED.



A. LYNN MILLER, P.E., P.E.# 58705

REGISTRATION #29296

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9000 SERIES HORIZ. ROLLER  
MODELS 9500 & 9500-3, NI

GENERAL NOTES, XOX DESIGN  
PRESSURES & ANCHOR ELEVATION

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

BY: LY

REVISION: MINOR EDITORIAL UPDATES

DATE: 12/22

#: 1

DATE: 12/14/2022

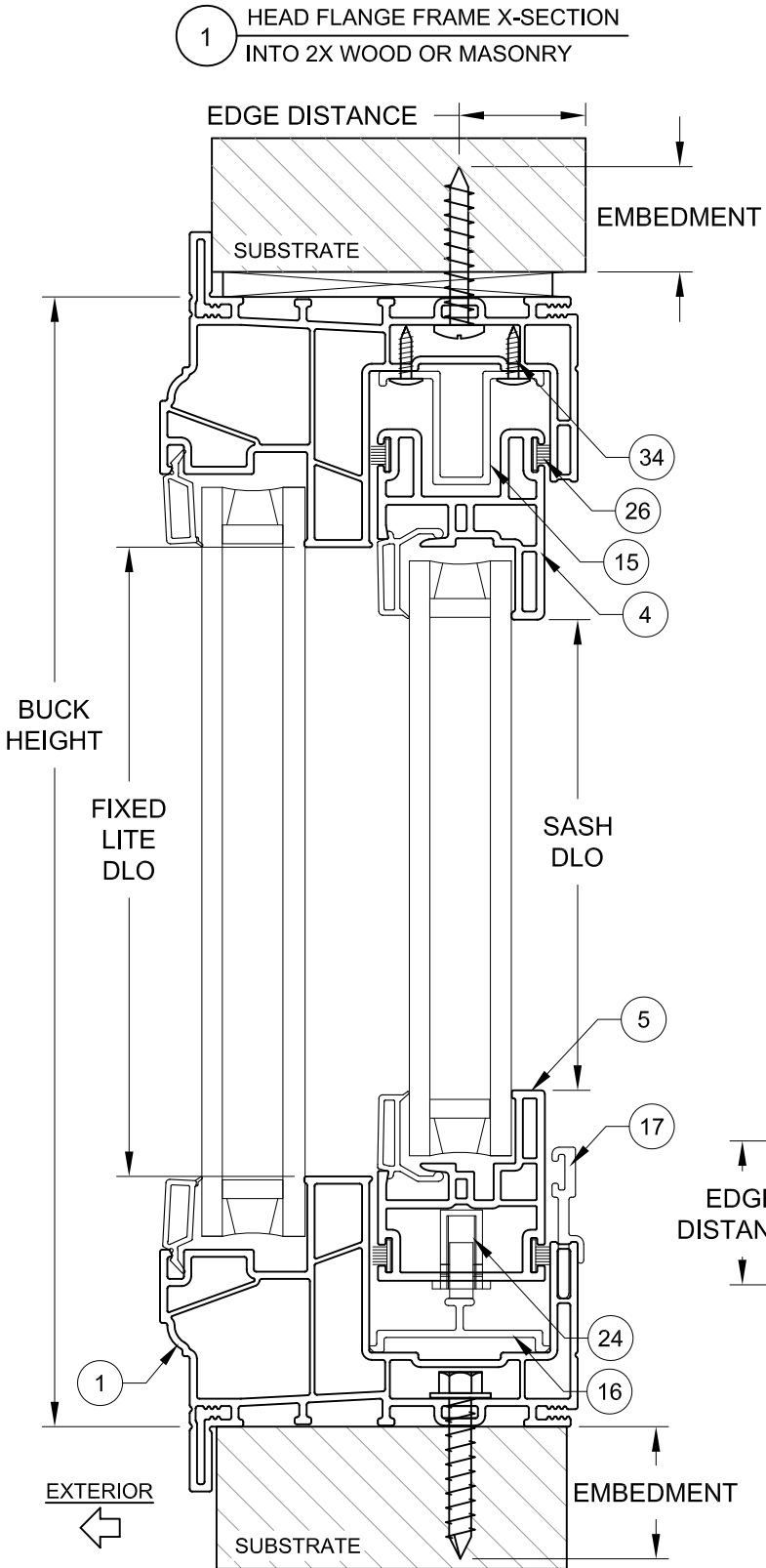
SCALE: NTS

BY: LOGAN YODER

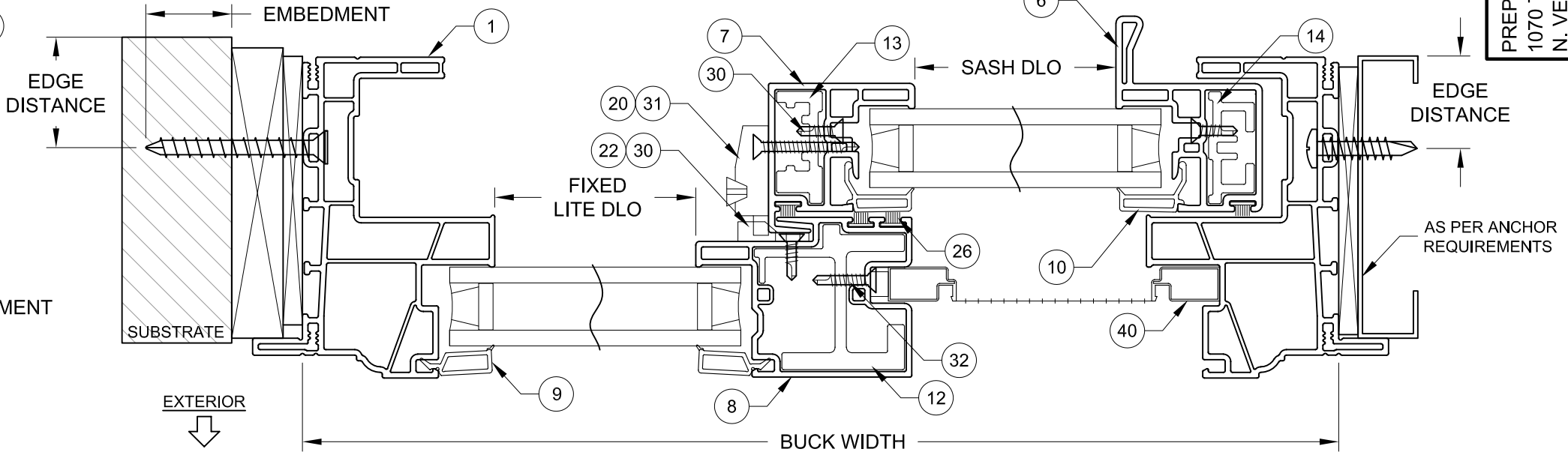
DRAWING #: HR9000-FPA-NI

SHEET: 2 OF 7





2 SILL FLANGE FRAME X-SECTION INTO 2X WOOD OR MASONRY



4 MEETING RAIL X-SECTION SHOWN FOR OX CONFIGURATION (XOX SIMILAR)

5 JAMB FLANGE FRAME X-SECTION USING SCREWS INTO METAL

TABLE 3: INSTALLATION ANCHORS

| Anchor                           | Substrate                  | Minimum Edge Distance | Minimum Embedment |
|----------------------------------|----------------------------|-----------------------|-------------------|
| #10 or #12 Steel or 410 SS Screw | Southern Pine (SG = .55)   | 9/16"                 | 1-3/8"            |
|                                  | Aluminum, 6063-T5 min.     | 3/8"                  | 0.050"            |
|                                  | Steel Stud, Gr. 33 min.    | 3/8"                  | 0.045" (20 Ga)    |
|                                  | A36 Steel                  | 3/8"                  | 0.050"            |
| 3/16" Steel Ultracon+            | Concrete (min. 2.9 ksi)    | 1"                    | 1-3/4"            |
|                                  | UngROUTED CMU, (ASTM C-90) | 1"                    | 1-1/4"            |
|                                  | Southern Pine (SG = .55)   | 1"                    | 1-3/8"            |
| 1/4" Steel Ultracon+             | Concrete (min. 3.0 ksi)    | 1"                    | 1-3/8"            |
|                                  | UngROUTED CMU, (ASTM C-90) | 1"                    | 1-1/4"            |
|                                  | Southern Pine (SG = .55)   | 1"                    | 1-3/8"            |

- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.  
2) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.  
3) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

- INSTALLATION NOTES:  
1) SEE SHEET 1 FOR ANCHOR SPACING REQUIREMENTS.  
2) ANY INSTALLATION OPTION SHOWN (2X BUCK OR WOOD FRAMING, 1X BUCK, DIRECT TO MASONRY, STEEL STUD) MAY BE USED ON ANY SIDE OF THE WINDOW.  
3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE 3. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. MAX. SHIM THICKNESS TO BE 1/4".



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9000 SERIES HORIZ. ROLLER  
MODELS 9500 & 9500-3, NI

FLANGE INSTALLATION & ANCHOR TYPES

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

|           |                         |
|-----------|-------------------------|
| BY:       | LY                      |
| REVISION: | MINOR EDITORIAL UPDATES |
| DATE:     | 12/22                   |
| #:        | 1                       |

DATE: 12/14/2022  
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BY: LOGAN YODER  
DRAWING #: HR9000-FPA-NI  
SHEET: 3 OF 7



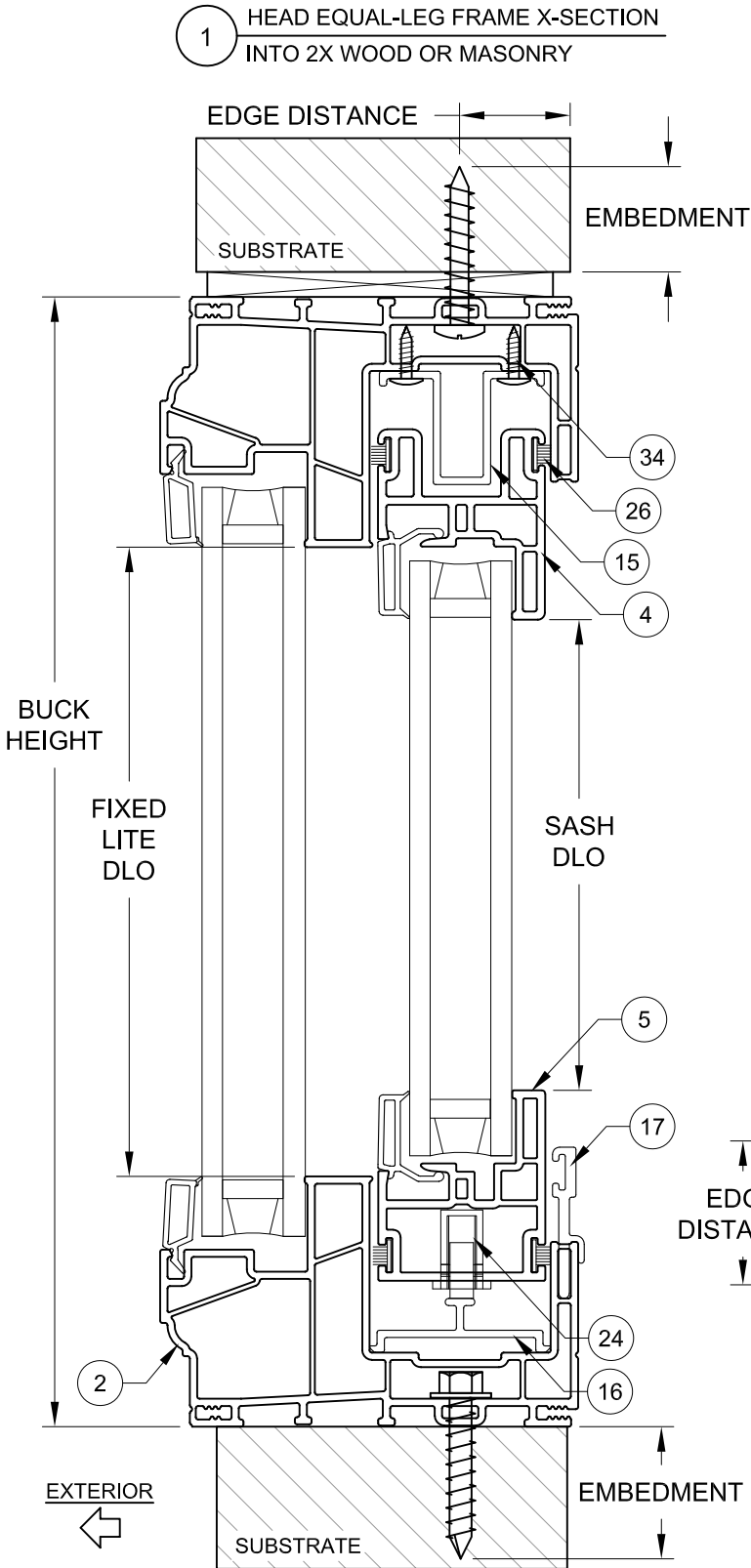
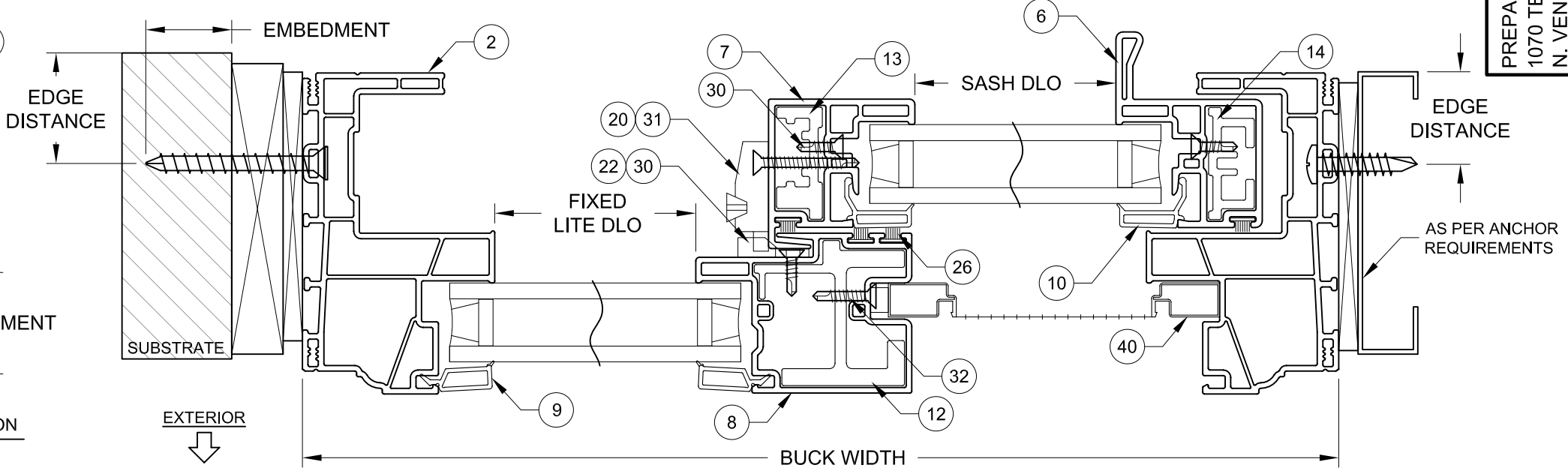


TABLE 4: INSTALLATION ANCHORS

| Anchor                           | Substrate                  | Minimum Edge Distance | Minimum Embedment |
|----------------------------------|----------------------------|-----------------------|-------------------|
| #10 or #12 Steel or 410 SS Screw | Southern Pine (SG = .55)   | 9/16"                 | 1-3/8"            |
|                                  | Aluminum, 6063-T5 min.     | 3/8"                  | 0.050"            |
|                                  | Steel Stud, Gr. 33 min.    | 3/8"                  | 0.045" (20 Ga)    |
|                                  | A36 Steel                  | 3/8"                  | 0.050"            |
| 3/16" Steel Ultracon+            | Concrete (min. 2.9 ksi)    | 1"                    | 1-3/4"            |
|                                  | UngROUTED CMU, (ASTM C-90) | 1"                    | 1-1/4"            |
|                                  | Southern Pine (SG = .55)   | 1"                    | 1-3/8"            |
| 1/4" Steel Ultracon+             | Concrete (min. 3.0 ksi)    | 1"                    | 1-3/8"            |
|                                  | UngROUTED CMU, (ASTM C-90) | 1"                    | 1-1/4"            |
|                                  | Southern Pine (SG = .55)   | 1"                    | 1-3/8"            |

- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.  
2) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.  
3) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:  
1) SEE SHEET 1 FOR ANCHOR SPACING REQUIREMENTS.  
2) ANY INSTALLATION OPTION SHOWN (2X BUCK OR WOOD FRAMING, 1X BUCK, DIRECT TO MASONRY, STEEL STUD) MAY BE USED ON ANY SIDE OF THE WINDOW.  
3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE 4. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. MAX. SHIM THICKNESS TO BE 1/4".



3 JAMB EQUAL-LEG FRAME X-SECTION THRU 1X INTO 2X WOOD OR MASONRY

4 MEETING RAIL X-SECTION SHOWN FOR OX CONFIGURATION (XOX SIMILAR)

5 JAMB EQUAL-LEG FRAME X-SECTION USING SCREWS INTO METAL



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9000 SERIES HORIZ. ROLLER  
MODELS 9500 & 9500-3, NI  
EQUAL-LEG INSTALLATION &  
ANCHOR TYPES  
NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

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| BY: LOGAN YODER          |     |       |    |
| DRAWING #: HR9000-FPA-NI |     |       |    |
| SHEET: 4 OF 7            |     |       |    |

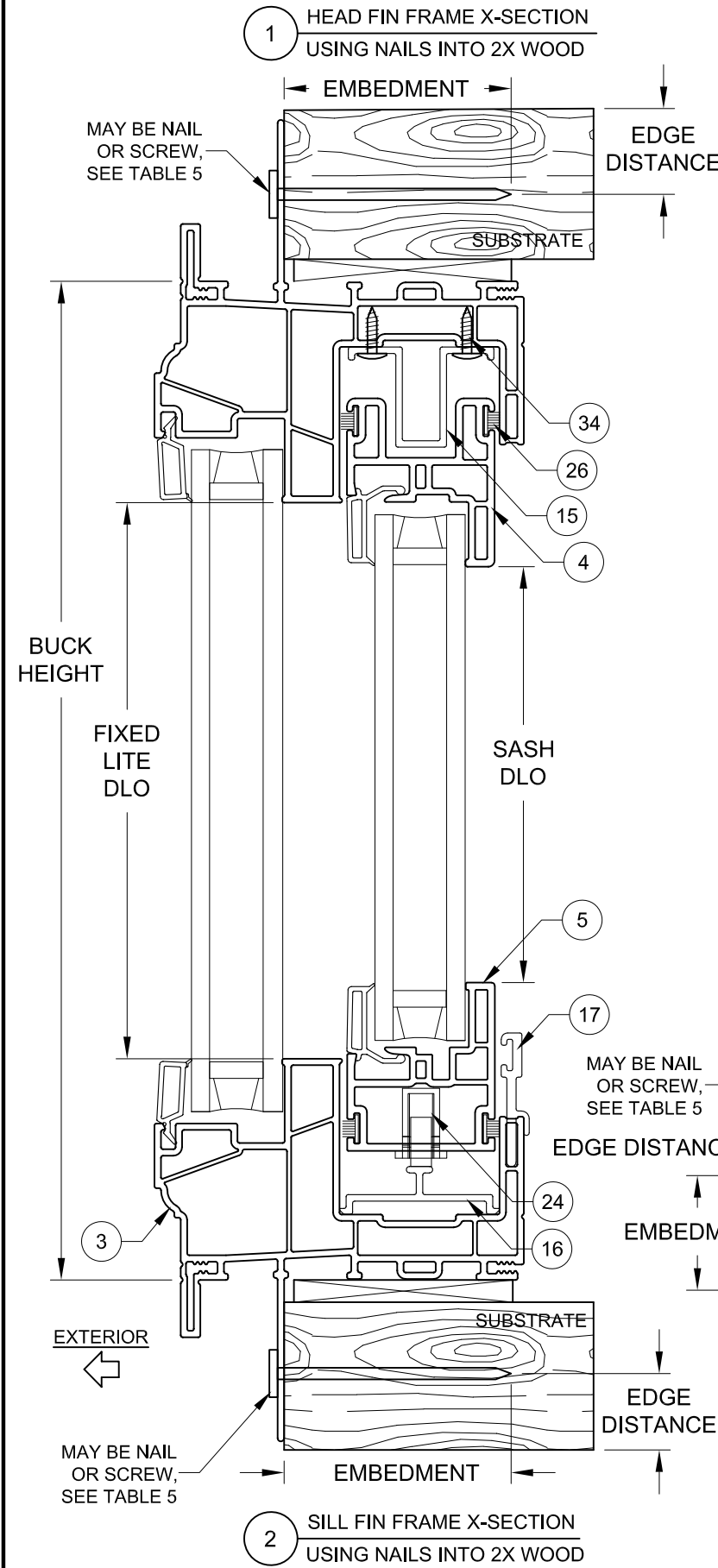


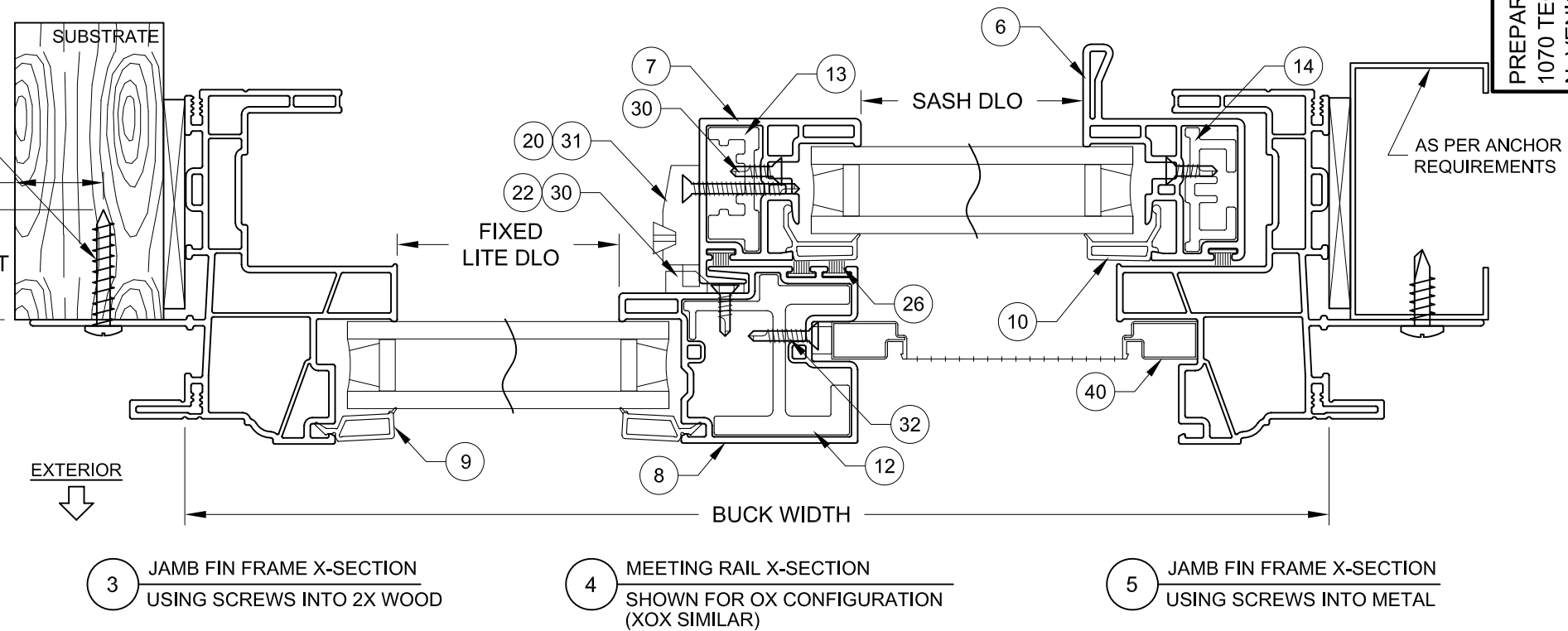
TABLE 5: INSTALLATION ANCHORS

| Anchor                      | Substrate                     | Min. Edge Distance | Min. Embedment |
|-----------------------------|-------------------------------|--------------------|----------------|
| 2-1/2" x .113" Box Nail     | P.T. Southern Pine (SG = .55) | 5/16"              | 2-7/16"        |
| 2-1/2" x .131" Common Nail  | P.T. Southern Pine (SG = .55) | 3/8"               | 2-7/16"        |
| 2-1/2" x .145" Roofing Nail | P.T. Southern Pine (SG = .55) | 3/8"               | 2-7/16"        |
| #10 Steel SMS               | P.T. Southern Pine (SG = .55) | 1/2"               | 1-3/8"         |
|                             | Aluminum, 6063-T5 min.        | 3/8"               | 1/8"           |
|                             | Steel Stud, Gr. 33 min.       | 3/8"               | 0.036          |
|                             | A36 Steel                     | 3/8"               | 1/8"           |

- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.  
2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR SPACING REQUIREMENTS.  
2) FLANGE AND/OR FIN MAY BE REMOVED TO CREATE OTHER FRAME TYPES.  
3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE 5. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY OR ALL SIDES OF THE WINDOW.  
4) MAX. SHIM THICKNESS TO BE 1/4". MAX. SHIM SPACING TO BE 18".



A. LYNN MILLER, P.E., P.E.# 58705

|                                                                                                  |                                                                                                   |                                                       |                                 |                                                                                 |
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| PREPARED BY: A. LYNN MILLER, P.E.<br>1070 TECHNOLOGY DR<br>N. VENICE, FL 34275<br>(941)-480-1600 | BY: LY                                                                                            | REVISION: MINOR EDITORIAL UPDATES                     | DATE: 12/22                     | #: 1                                                                            |
| DATE: 12/14/2022                                                                                 |                                                                                                   |                                                       |                                 |                                                                                 |
| SCALE: NTS                                                                                       |                                                                                                   |                                                       |                                 |                                                                                 |
| BY: LOGAN YODER                                                                                  |                                                                                                   |                                                       |                                 |                                                                                 |
| DRAWING #: HR9000-FPA-NI                                                                         |                                                                                                   |                                                       |                                 |                                                                                 |
| SHEET: 5 OF 7                                                                                    |                                                                                                   |                                                       |                                 |                                                                                 |

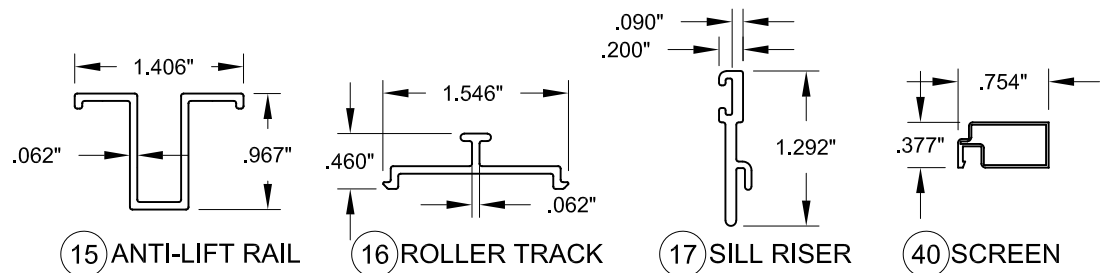
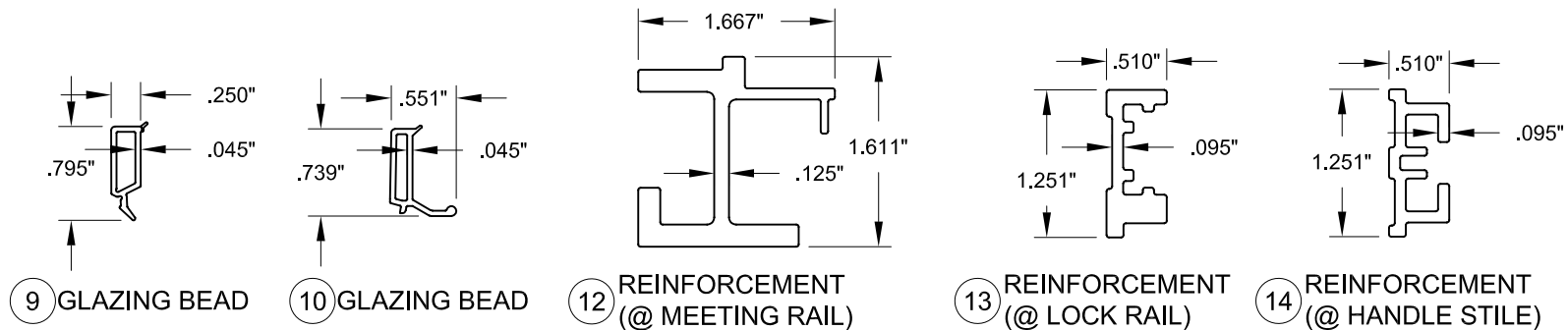
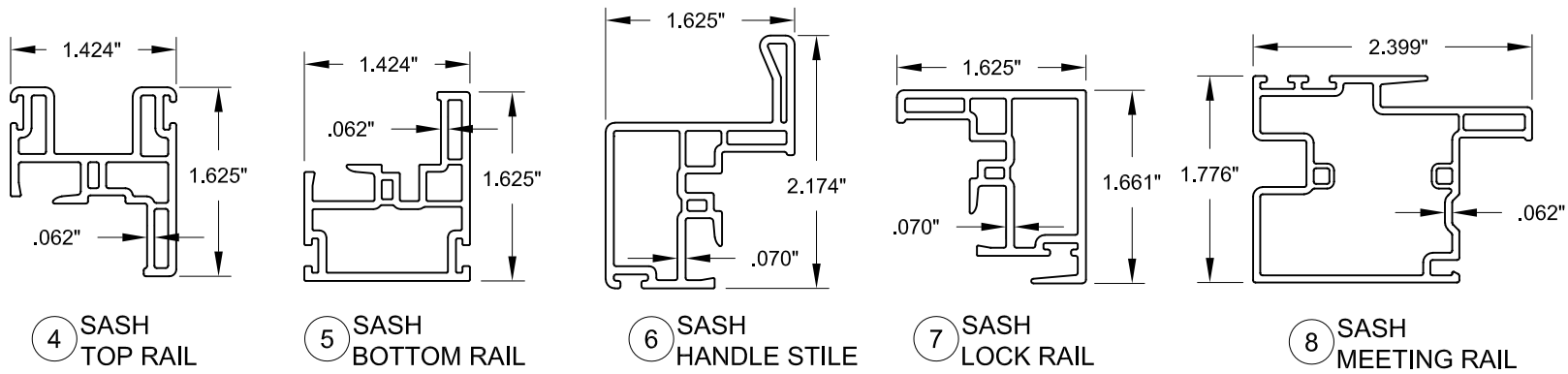
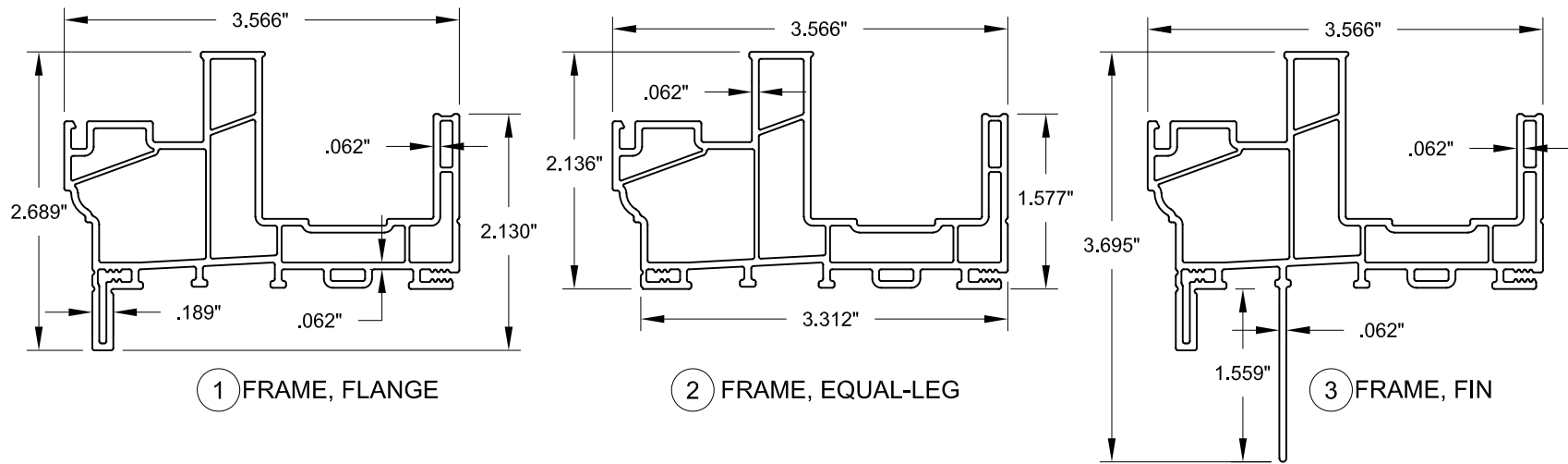
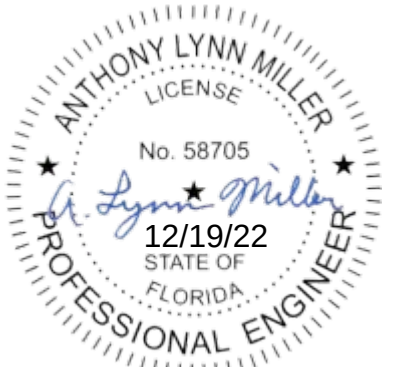


TABLE 6:

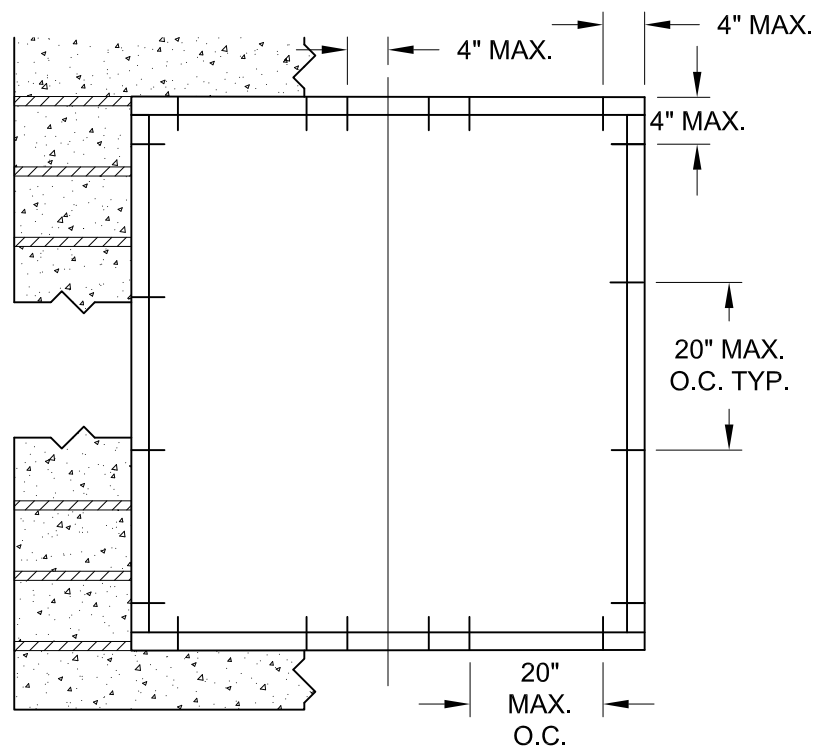
| BILL OF MATERIALS |        |                                            |           |
|-------------------|--------|--------------------------------------------|-----------|
| ITEM #            | PART # | DESCRIPTION                                | MATERIAL  |
| 1                 |        | Frame, Flange                              | PVC       |
| 2                 | 9439   | Frame, Equal-Leg                           | PVC       |
| 3                 |        | Frame, Fin                                 | PVC       |
| 4                 | 9478   | Sash Top Rail                              | PVC       |
| 5                 | 9424   | Sash Bottom Rail                           | PVC       |
| 6                 | 9475   | Sash Handle Stile                          | PVC       |
| 7                 | 9476   | Sash Lock Rail                             | PVC       |
| 8                 | 9477   | Sash Meeting Rail                          | PVC       |
| 9                 | 9436   | Glazing Bead                               | PVC       |
| 10                | 9425   | Glazing Bead                               | PVC       |
| 12                | 6165   | Reinforcement @ Meeting Rail               | 6063-T6   |
| 13                | 6163   | Reinforcement @ Lock Rail                  | 6063-T6   |
| 14                | 6166   | Reinforcement @ Handle Stile               | 6063-T6   |
| 15                | 6162   | Anti-Lift Rail                             | 6063-T6   |
| 16                | 6161   | Roller Track                               | 6063-T6   |
| 17                | 6158   | Sill Riser                                 | 6063-T6   |
| 20                |        | Lock                                       |           |
| 22                |        | Keeper                                     |           |
| 24                | 8153   | Roller Assm.                               |           |
| 25                | 8223   | Weep Cover                                 | Composite |
| 26                | 4007   | Weatherstrip, .270" x .250" Polyfin        |           |
| 30                | 1003   | Screw, #6 x 1/2" PFH                       | Steel     |
| 31                | 1007   | Screw, #6 x 1-1/4" PFH                     | Steel     |
| 32                | 1012   | Screw, #6 x 3/4" PFH                       | Steel     |
| 33                | 1015   | Screw, #8 x 1/2" PTRUSS                    | Steel     |
| 34                | 1067   | Screw, #6 x 3/8" PPH                       | Steel     |
| 35                |        | RGS7700, Sika 552, Dow 791/983 Backbedding |           |
| 36                |        | IG Spacer                                  | varies    |
| 37                |        | Setting Block                              | varies    |
| 40                | 6244   | Screen                                     | Nylon     |

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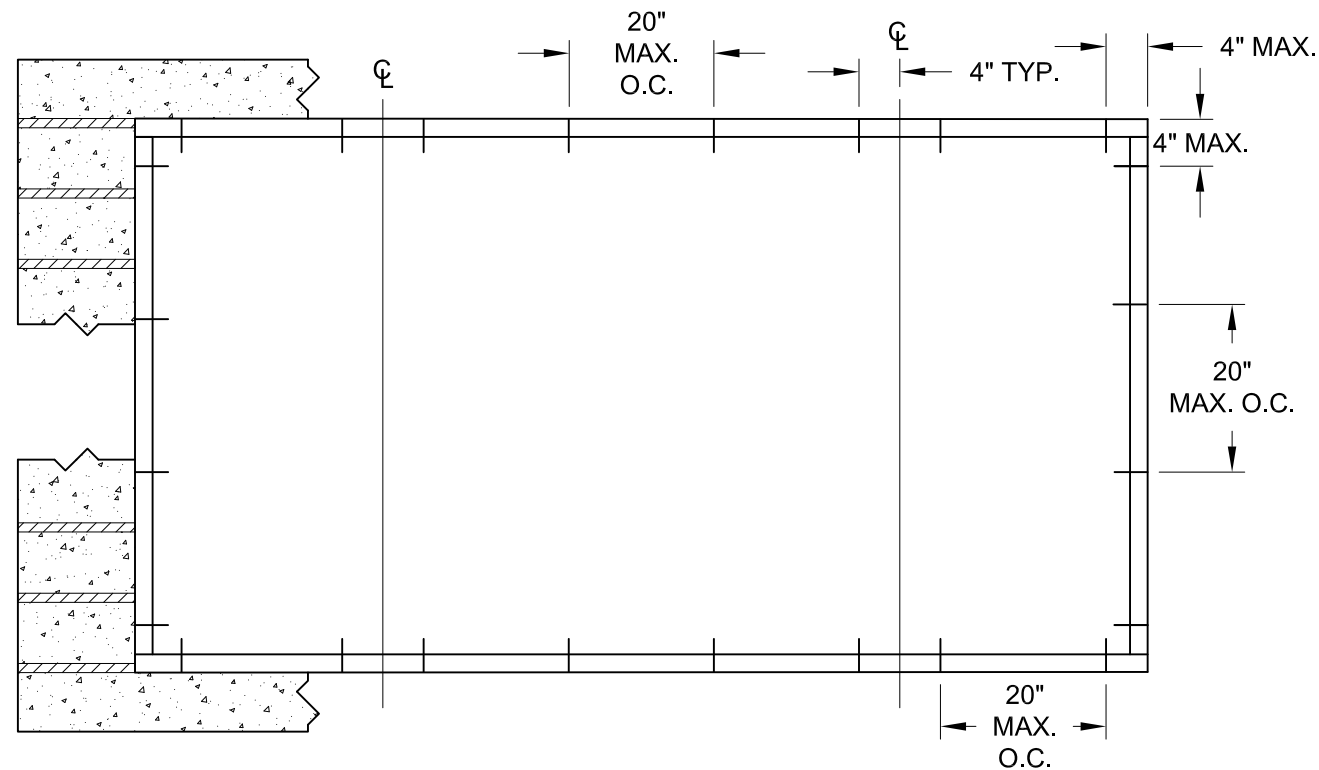


A. LYNN MILLER, P.E., P.E.# 58705

|                                                                                                  |                                                                                 |                         |                                                                                                   |  |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------|--|
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|                                                                                                  | EXTRUSIONS & BOM                                                                |                         |                                                                                                   |  |
|                                                                                                  | NEWSOUTH WINDOW SOLUTIONS<br>10741 CROSSROADS COMMERCE BLVD.<br>TAMPA, FL 33610 |                         |                                                                                                   |  |
|                                                                                                  |                                                                                 |                         |                                                                                                   |  |
| #:                                                                                               | REVISION:                                                                       | BY:                     |                                                                                                   |  |
|                                                                                                  |                                                                                 |                         |                                                                                                   |  |
|                                                                                                  | 12/22                                                                           | MINOR EDITORIAL UPDATES | LY                                                                                                |  |
|                                                                                                  |                                                                                 |                         |                                                                                                   |  |
|                                                                                                  |                                                                                 |                         |                                                                                                   |  |
| DATE: 12/14/2022                                                                                 |                                                                                 |                         |                                                                                                   |  |
| SCALE: NTS                                                                                       |                                                                                 |                         |                                                                                                   |  |
| BY: LOGAN YODER                                                                                  |                                                                                 |                         |                                                                                                   |  |
| DRAWING # :<br>HR9000-FPA-NI                                                                     |                                                                                 |                         |                                                                                                   |  |
| SHEET: 6 OF 7                                                                                    |                                                                                 |                         |                                                                                                   |  |



XO/OX BUCK ANCHORAGE DETAIL

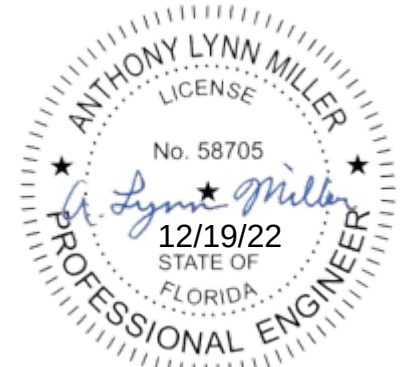
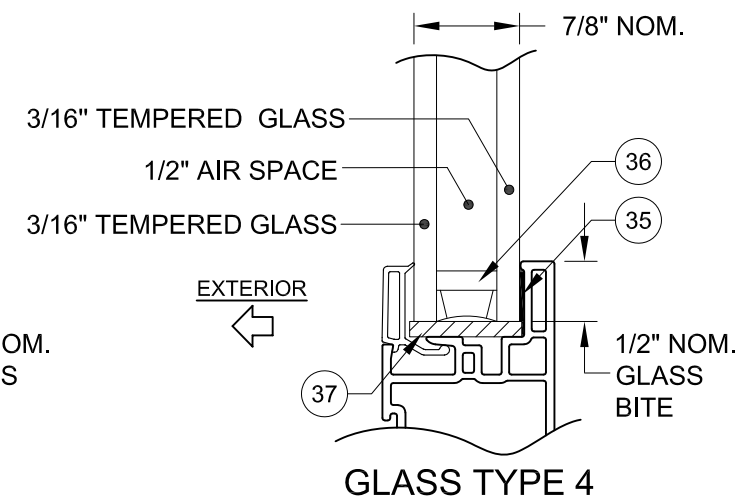
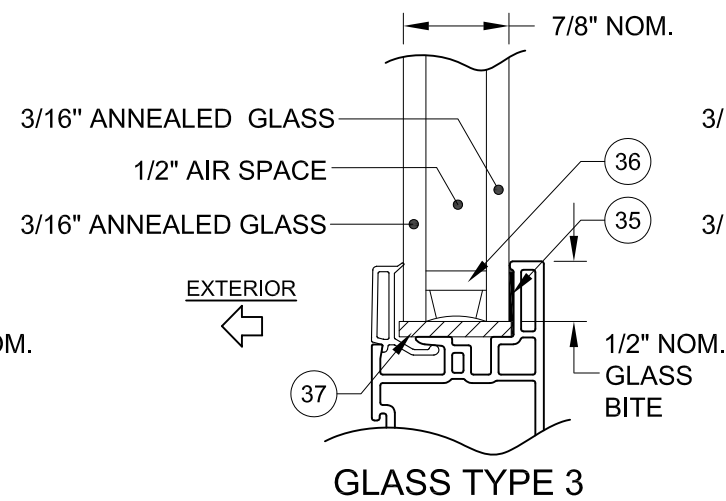
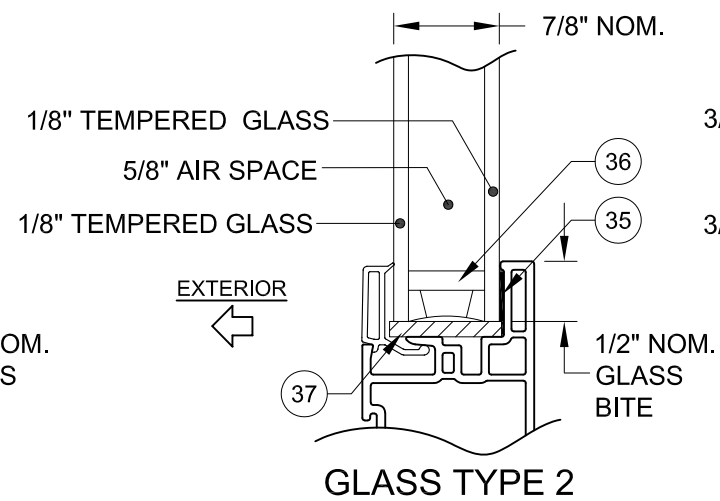
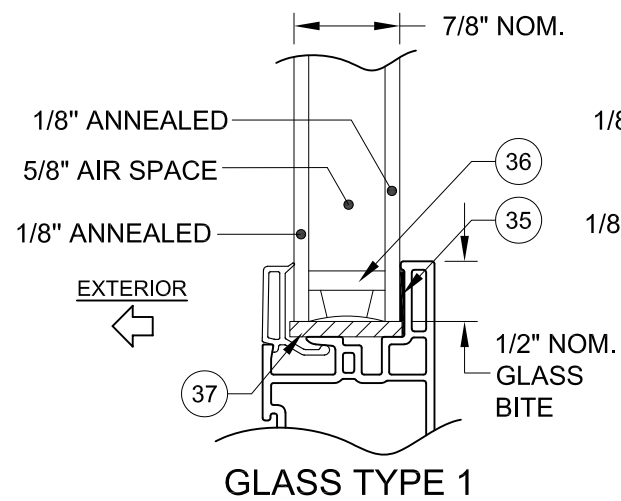


XOX BUCK ANCHORAGE DETAIL

TABLE 7:

| Anchor               | Substrate                  | Minimum Edge Distance | Minimum Embedment |
|----------------------|----------------------------|-----------------------|-------------------|
| 1/4" Steel Ultracon+ | Concrete (min. 3.0 ksi)    | 1"                    | 1-3/8"            |
|                      | UngROUTED CMU, (ASTM C-90) | 1"                    | 1-1/4"            |

- 1) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.



A. LYNN MILLER, P.E., P.E.# 58705

REGISTRATION #29296

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9000 SERIES HORIZ. ROLLER  
MODELS 9500 & 9500-3, NI

WOOD BUCK INSTALLATION &  
GLASS TYPES

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

BY:

LY

REVISION:

MINOR EDITORIAL UPDATES

DATE:

12/22

#:

1

DATE: 12/14/2022

SCALE: NTS

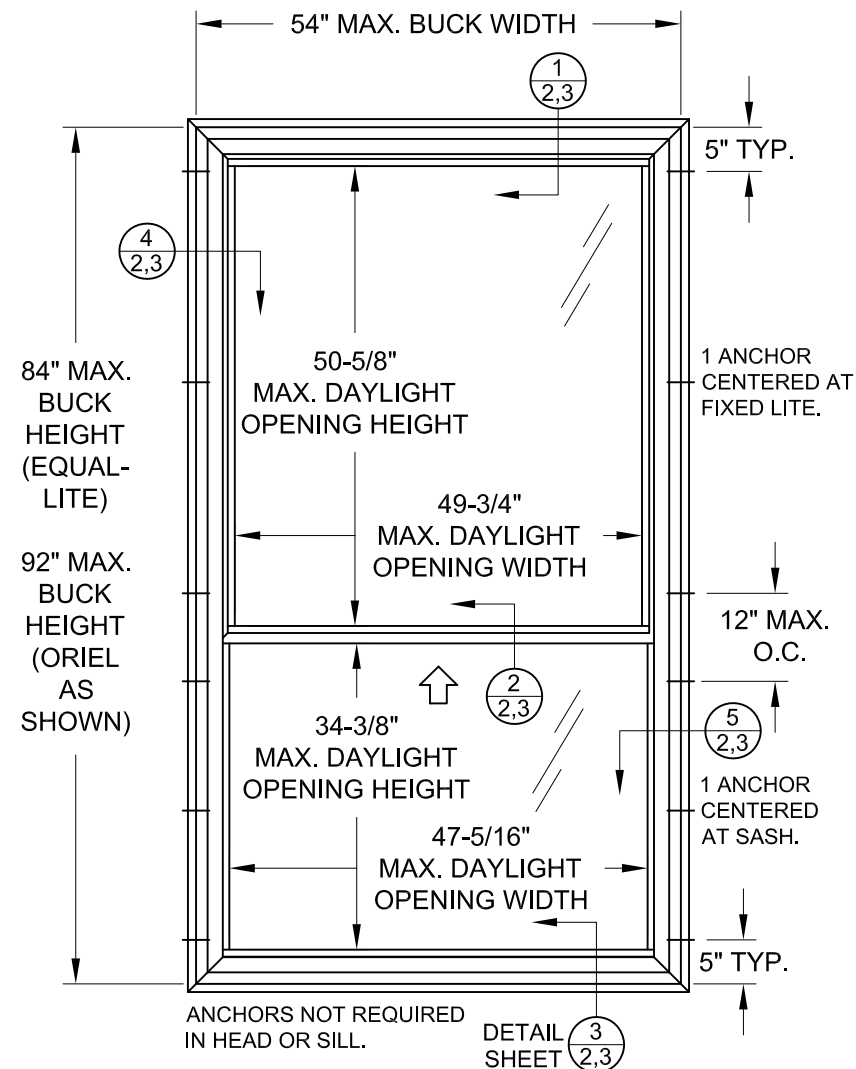
BY: LOGAN YODER

DRAWING # :  
HR9000-FPA-NI

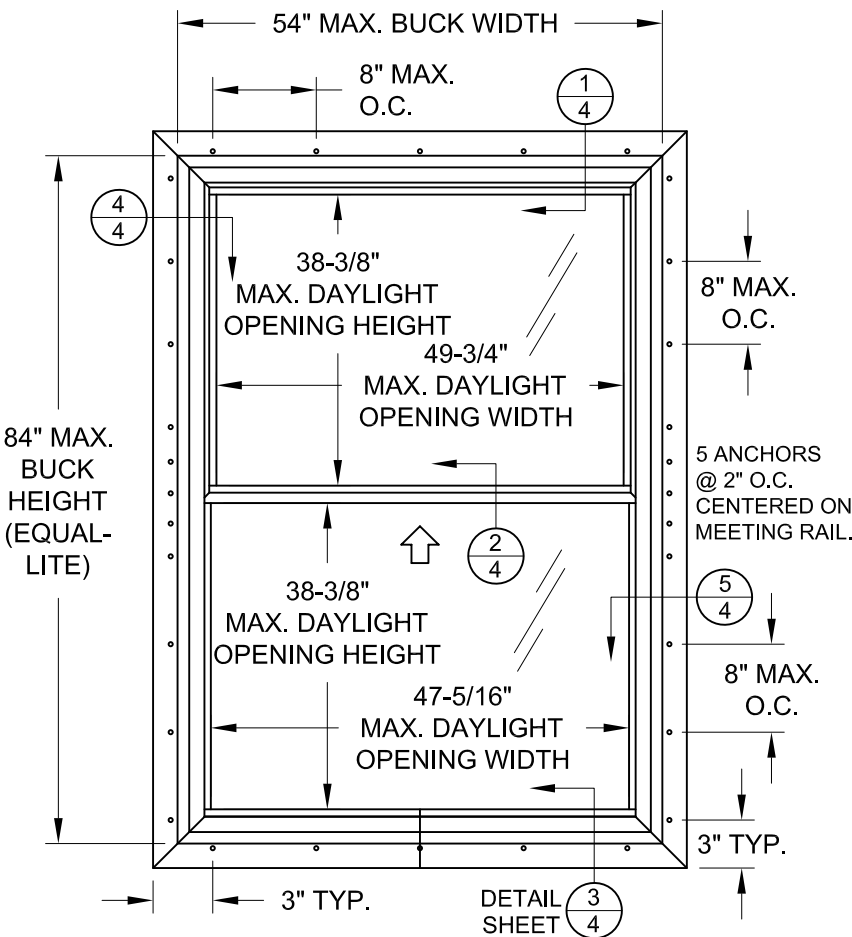
SHEET: 7 OF 7



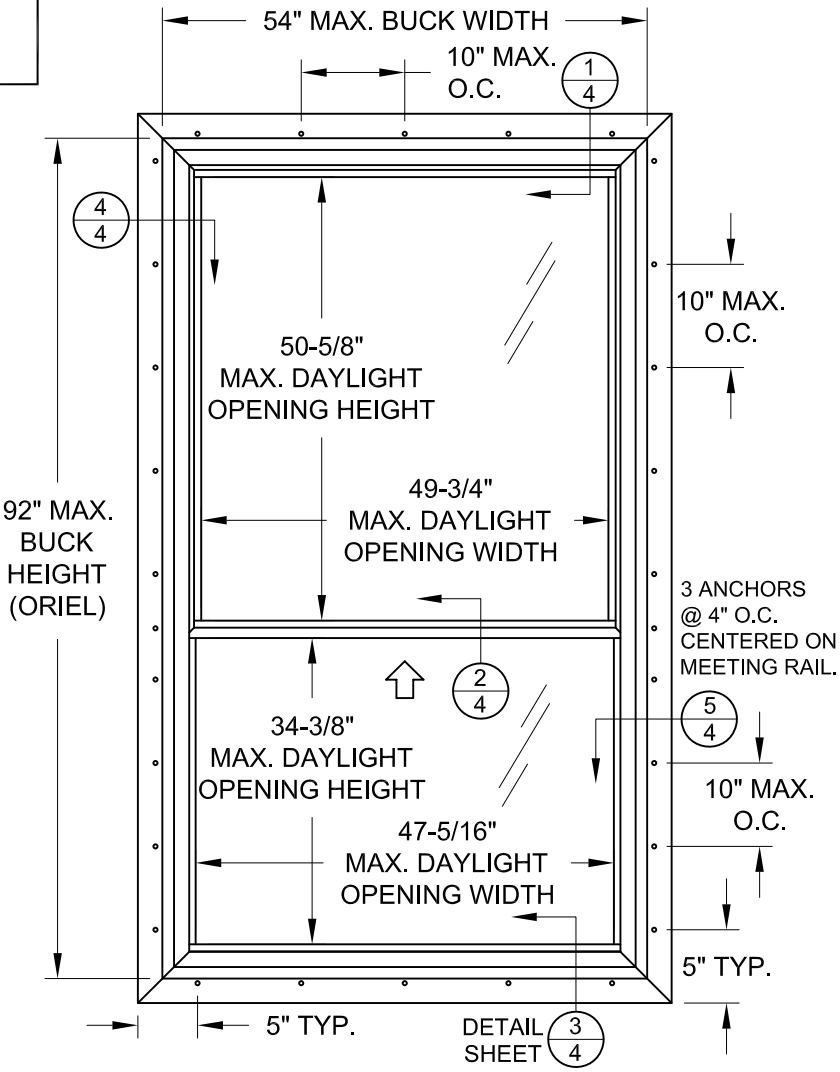
|             |                         |
|-------------|-------------------------|
| DP RATING   | NON-IMPACT<br>RESISTANT |
| SEE TABLE 1 |                         |



TYP. ANCHOR LOCATIONS  
(FLANGED FRAME, EQUAL-LEG SIM.)



TYP. ANCHOR LOCATIONS  
(INTEGRAL FIN FRAME)



TYP. ANCHOR LOCATIONS, TESTED SIZE  
(INTEGRAL FIN FRAME)



**SERIES 9400 SINGLE HUNG,  
TILT WINDOW,  
NON-IMPACT RESISTANT,  
FLANGE, EQUAL-LEG & FIN FRAMES**

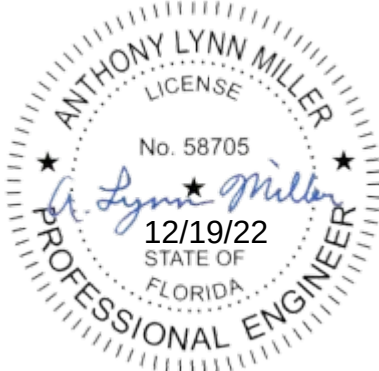
- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2) SHUTTERS ARE REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- 3) MASONRY ANCHORS MAY BE USED INTO WOOD. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER.
- 4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH.
- 5) MAX. 1/4" SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.

6) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WIND LOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.

TABLE 1: DESIGN PRESSURES

| Buck Width | Buck Height | Configuration | Frame Type        | Glass Type | Design Pressure |         |
|------------|-------------|---------------|-------------------|------------|-----------------|---------|
|            |             |               |                   |            | (+) psf         | (-) psf |
| 54"        | 76"         | Equal-lite    | All               | 1          | 50.0            | 50.0    |
| 36"        | 72"         | Equal-lite    | All               | 1          | 65.0            | 75.0    |
| 48"        | 84"         | Equal-lite    | Flange, Equal-Leg | 1          | 45.0            | 45.0    |
| 48"        | 84"         | Equal-lite    | Fin               | 1          | 50.0            | 55.0    |
| 54"        | 92"         | Oriel         | Flange, Equal-Leg | 2          | 30.0            | 30.0    |
| 54"        | 92"         | Oriel         | Fin               | 2          | 40.0            | 40.0    |

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.  
FOR GLASS TYPES, SEE SHEET 6.



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9400 SERIES SINGLE HUNG, NI

GEN. NOTES, DESIGN PRESSURES AND  
ANCHOR ELEVATIONS

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

REVISION:

DATE:

#:

DATE: 12/13/2022

SCALE: NTS

BY: LOGAN YODER

DRAWING # :  
SH9400-FPA-NI

SHEET: 1 OF 6

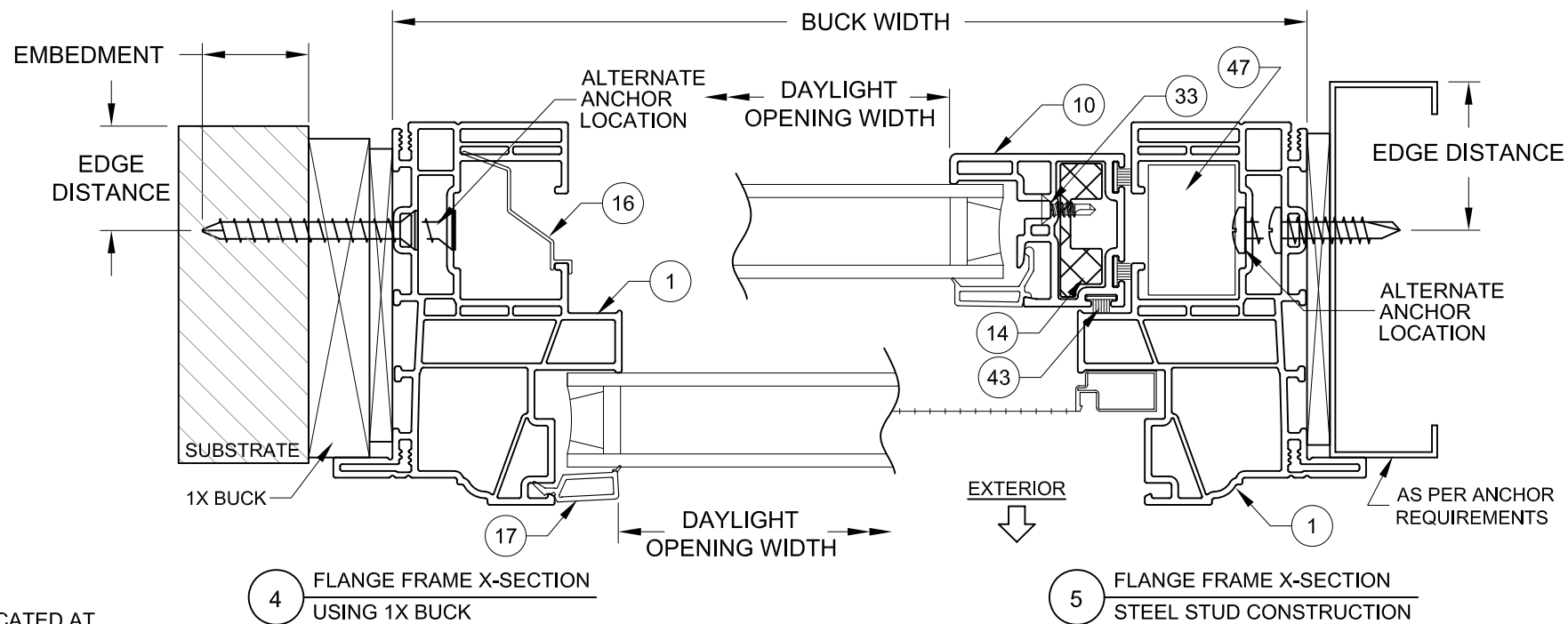
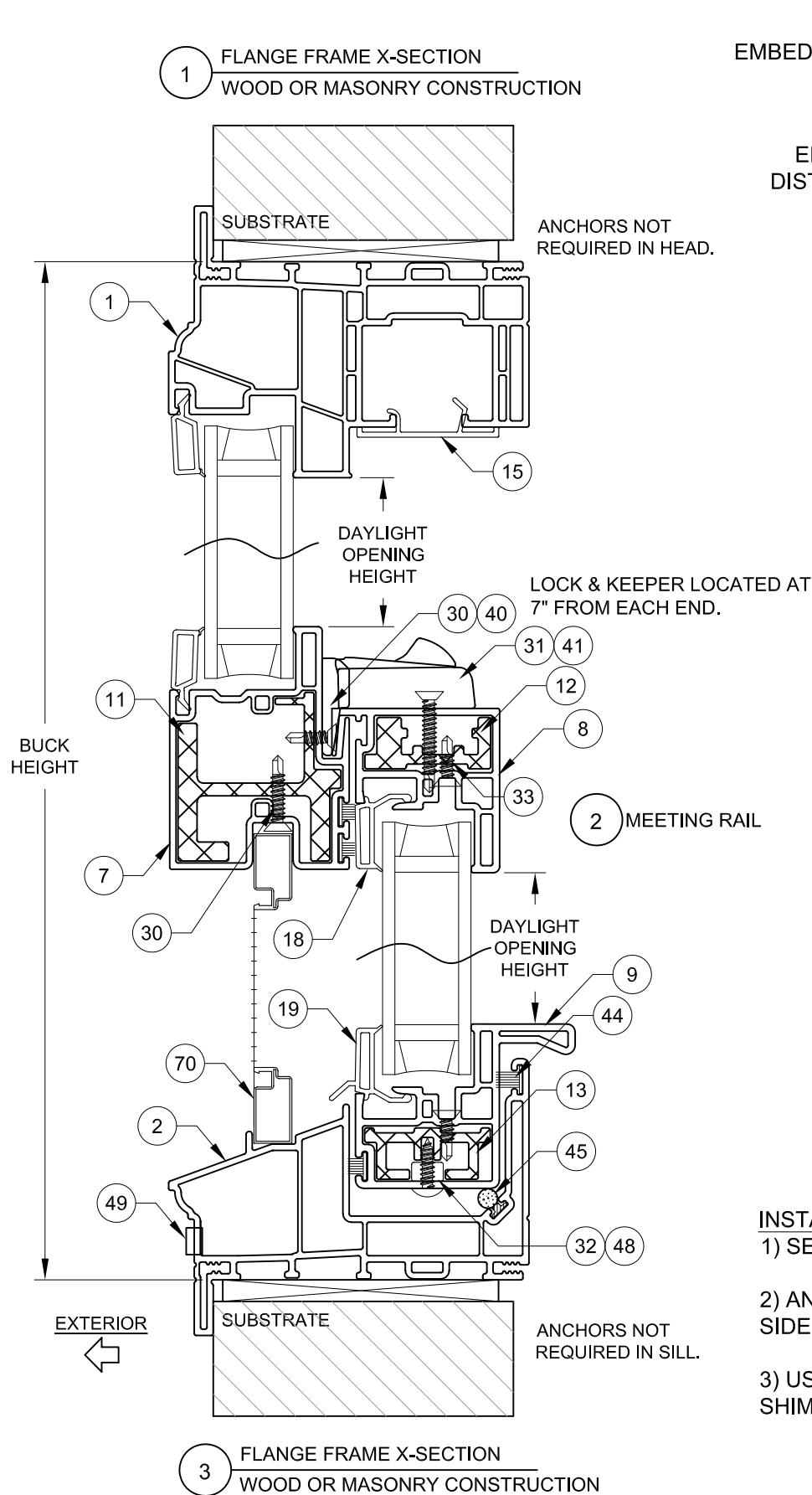


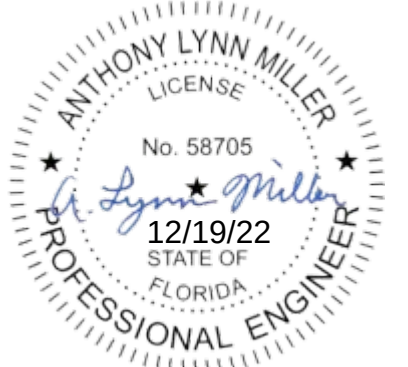
TABLE 2: INSTALLATION ANCHORS

| Anchor                           | Substrate                  | Minimum Edge Distance | Minimum Embedment |
|----------------------------------|----------------------------|-----------------------|-------------------|
| #10 or #12 Steel or 410 SS Screw | Southern Pine (SG = .55)   | 1/2"                  | 1-3/8"            |
|                                  | Aluminum, 6063-T5 min.     | 5/16"                 | 0.050"            |
|                                  | Steel Stud, Gr. 33 min.    | 5/16"                 | 0.045" (20 Ga)    |
|                                  | A36 Steel                  | 5/16"                 | 0.050"            |
| 3/16" Steel Ultracon+            | Concrete (min. 2.9 ksi)    | 1"                    | 1-3/4"            |
|                                  | UngROUTED CMU, (ASTM C-90) | 1-1/16"               | 1-1/4"            |
|                                  | Southern Pine (SG = .55)   | 1"                    | 1-3/8"            |
| 1/4" Steel Ultracon+             | Concrete (min. 3.0 ksi)    | 1"                    | 1-3/8"            |
|                                  | UngROUTED CMU, (ASTM C-90) | 1"                    | 1-1/4"            |
|                                  | Southern Pine (SG = .55)   | 1"                    | 1-3/8"            |

- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.
- 2) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 3) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR ANCHOR SPACING REQUIREMENTS.
- 2) ANY INSTALLATION OPTION SHOWN (2X BUCK OR WOOD FRAMING, 1X BUCK, DIRECT TO MASONRY, STEEL STUD) MAY BE USED ON ANY SIDE OF THE WINDOW.
- 3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE 2. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. MAX. SHIM THICKNESS TO BE 1/4".



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9400 SERIES SINGLE HUNG, NI

FLANGE INSTALLATION SECTION VIEWS

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

BY:

REVISION:

DATE:

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DATE: 12/13/2022

SCALE: NTS

BY: LOGAN YODER

DRAWING # :  
SH9400-FPA-NI

SHEET: 2 OF 6

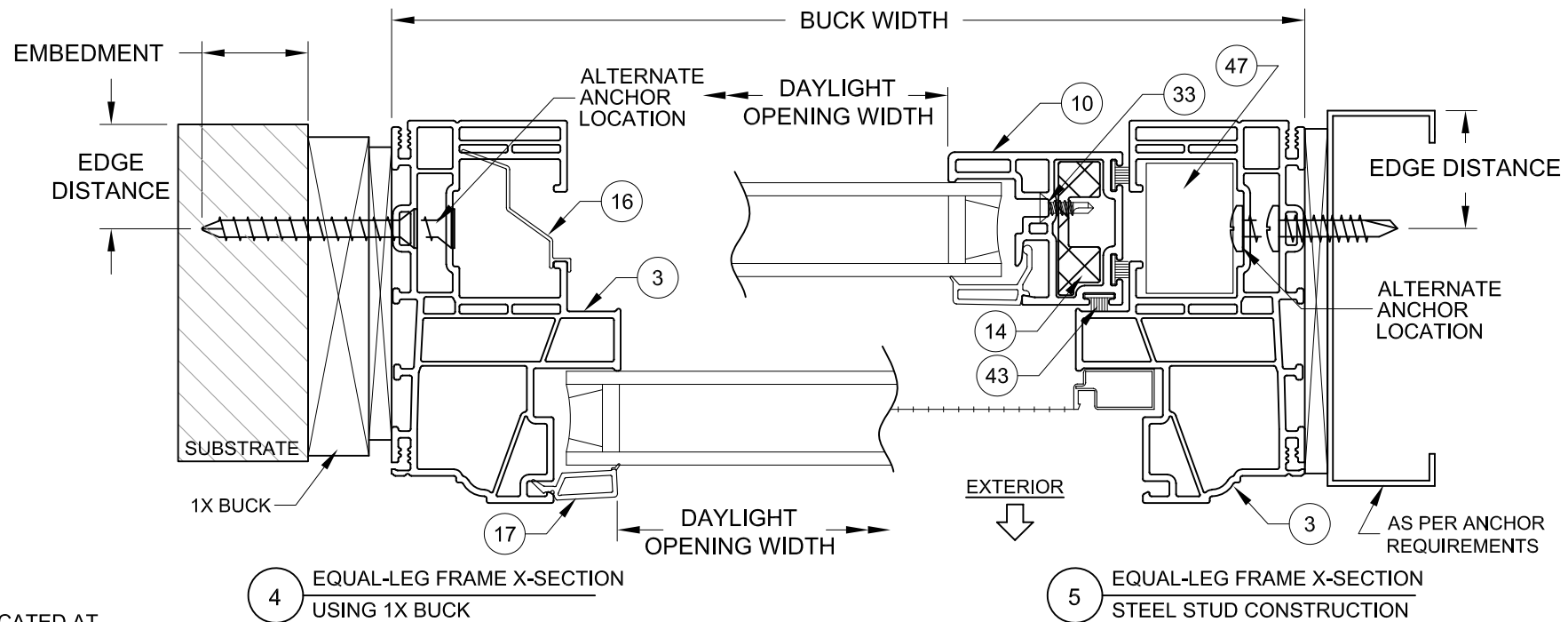
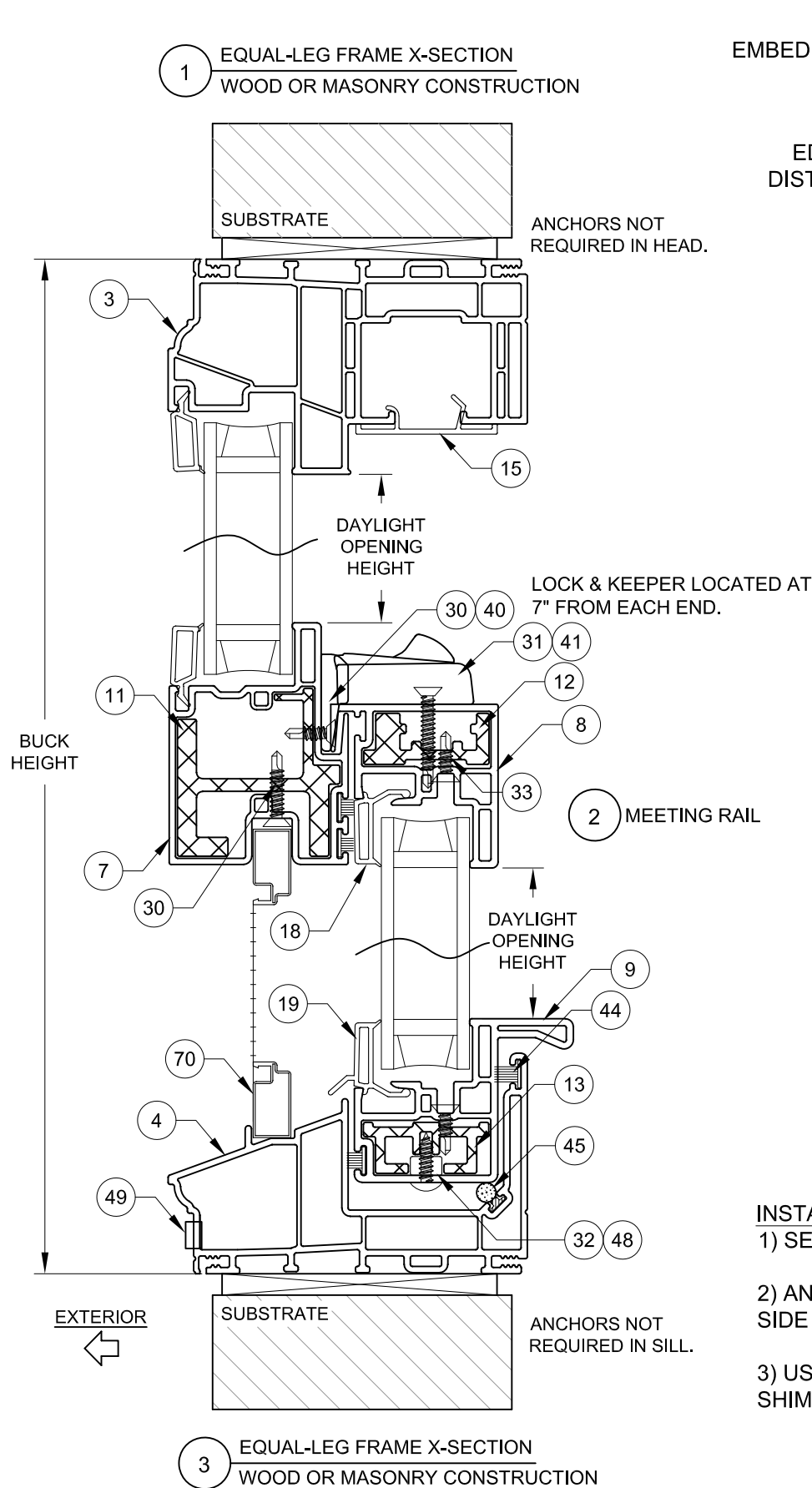


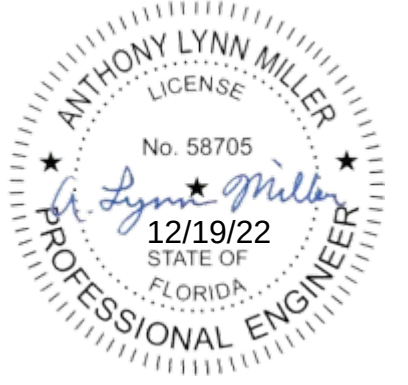
TABLE 3: INSTALLATION ANCHORS

| Anchor                           | Substrate                  | Minimum Edge Distance | Minimum Embedment |
|----------------------------------|----------------------------|-----------------------|-------------------|
| #10 or #12 Steel or 410 SS Screw | Southern Pine (SG = .55)   | 1/2"                  | 1-3/8"            |
|                                  | Aluminum, 6063-T5 min.     | 5/16"                 | 0.050"            |
|                                  | Steel Stud, Gr. 33 min.    | 5/16"                 | 0.045" (20 Ga)    |
|                                  | A36 Steel                  | 5/16"                 | 0.050"            |
| 3/16" Steel Ultracon+            | Concrete (min. 2.9 ksi)    | 1"                    | 1-3/4"            |
|                                  | UngROUTED CMU, (ASTM C-90) | 1-1/16"               | 1-1/4"            |
|                                  | Southern Pine (SG = .55)   | 1"                    | 1-3/8"            |
| 1/4" Steel Ultracon+             | Concrete (min. 3.0 ksi)    | 1"                    | 1-3/8"            |
|                                  | UngROUTED CMU, (ASTM C-90) | 1"                    | 1-1/4"            |
|                                  | Southern Pine (SG = .55)   | 1"                    | 1-3/8"            |

- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.
- 2) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 3) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR ANCHOR SPACING REQUIREMENTS.
- 2) ANY INSTALLATION OPTION SHOWN (2X BUCK OR WOOD FRAMING, 1X BUCK, DIRECT TO MASONRY, STEEL STUD) MAY BE USED ON ANY SIDE OF THE WINDOW.
- 3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE 3. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. MAX. SHIM THICKNESS TO BE 1/4".



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|                             |  |                                      |  |                                                                                 |  |
|-----------------------------|--|--------------------------------------|--|---------------------------------------------------------------------------------|--|
| 9400 SERIES SINGLE HUNG, NI |  | EQUAL-LEG INSTALLATION SECTION VIEWS |  | NEWSOUTH WINDOW SOLUTIONS<br>10741 CROSSROADS COMMERCE BLVD.<br>TAMPA, FL 33610 |  |
| BY:                         |  | REVISION:                            |  | DATE:                                                                           |  |
|                             |  |                                      |  | #:                                                                              |  |
| DATE: 12/13/2022            |  |                                      |  |                                                                                 |  |
| SCALE: NTS                  |  |                                      |  |                                                                                 |  |
| BY: LOGAN YODER             |  |                                      |  |                                                                                 |  |
| DRAWING #: SH9400-FPA-NI    |  |                                      |  |                                                                                 |  |
| SHEET: 3 OF 6               |  |                                      |  |                                                                                 |  |



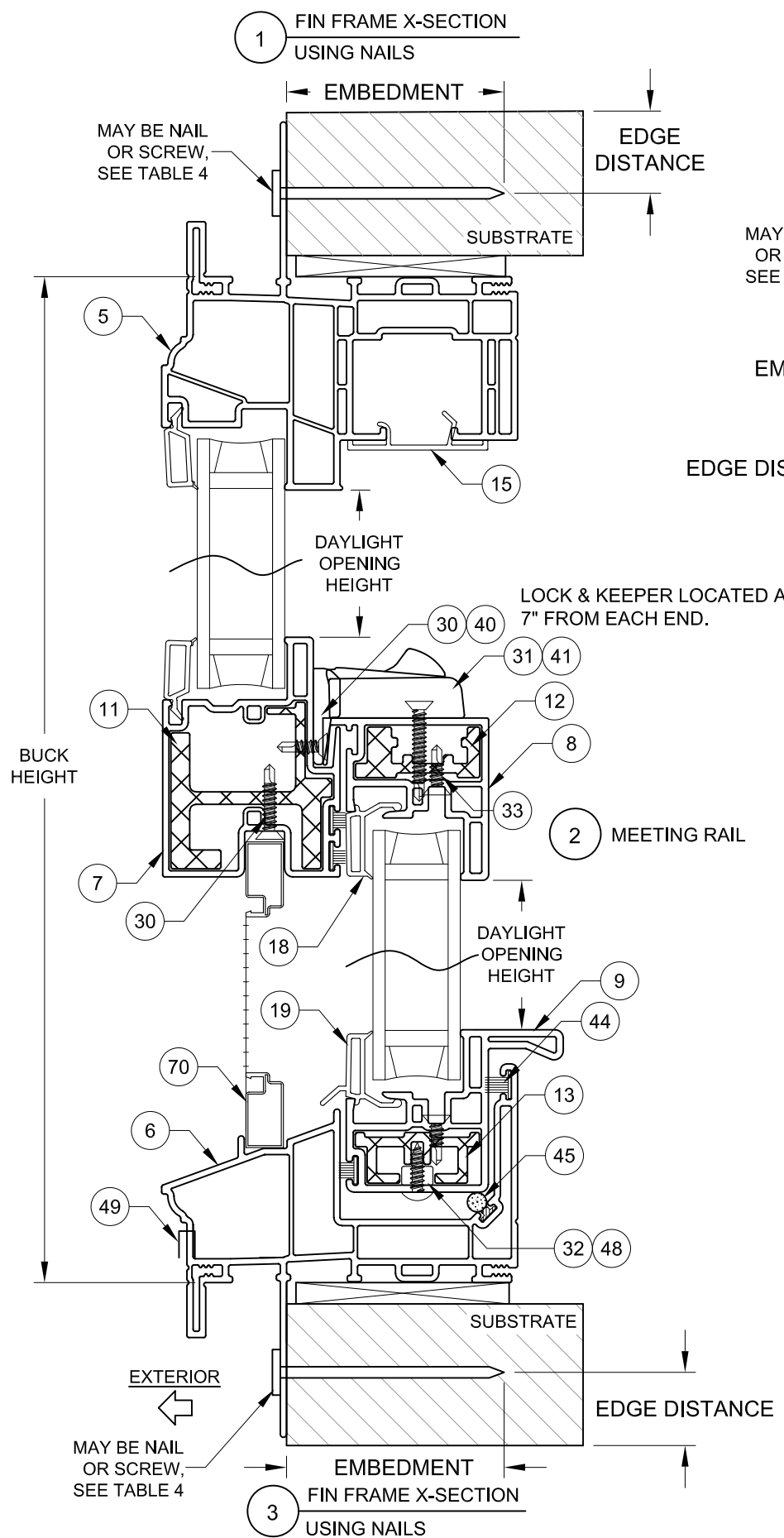


TABLE 4: INSTALLATION ANCHORS

| Anchor                      | Substrate                     | Min. Edge Distance | Min. Embedment |
|-----------------------------|-------------------------------|--------------------|----------------|
| 2-1/2" x .113" Box Nail     | P.T. Southern Pine (SG = .55) | 5/16"              | 2-7/16"        |
| 2-1/2" x .131" Common Nail  | P.T. Southern Pine (SG = .55) | 3/8"               | 2-7/16"        |
| 2-1/2" x .145" Roofing Nail | P.T. Southern Pine (SG = .55) | 3/8"               | 2-7/16"        |
| #10 Steel SMS               | P.T. Southern Pine (SG = .55) | 1/2"               | 1-3/8"         |
|                             | Aluminum, 6063-T5 min.        | 3/8"               | 1/8"           |
|                             | Steel Stud, Gr. 33 min.       | 3/8"               | 0.036          |
|                             | A36 Steel                     | 3/8"               | 1/8"           |

1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.  
2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR ANCHOR SPACING REQUIREMENTS.
- 2) FLANGE AND/OR FIN MAY BE REMOVED TO CREATE OTHER FRAME TYPES.
- 3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE 4. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS.
- 4) MAX SHIM THICKNESS TO BE 1/4". MAX SHIM SPACING TO BE 18".



A. LYNN MILLER, P.E., P.E.# 58705

|                                                                                                  |                                                                                                   |                             |                                |                                                                                 |
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| PREPARED BY: A. LYNN MILLER, P.E.<br>1070 TECHNOLOGY DR<br>N. VENICE, FL 34275<br>(941)-480-1600 | BY:                                                                                               | REVISION:                   | DATE:                          | #:                                                                              |
| DATE: 12/13/2022                                                                                 |                                                                                                   |                             |                                |                                                                                 |
| SCALE: NTS                                                                                       |                                                                                                   |                             |                                |                                                                                 |
| BY: LOGAN YODER                                                                                  |                                                                                                   |                             |                                |                                                                                 |
| DRAWING #: SH9400-FPA-NI                                                                         |                                                                                                   |                             |                                |                                                                                 |
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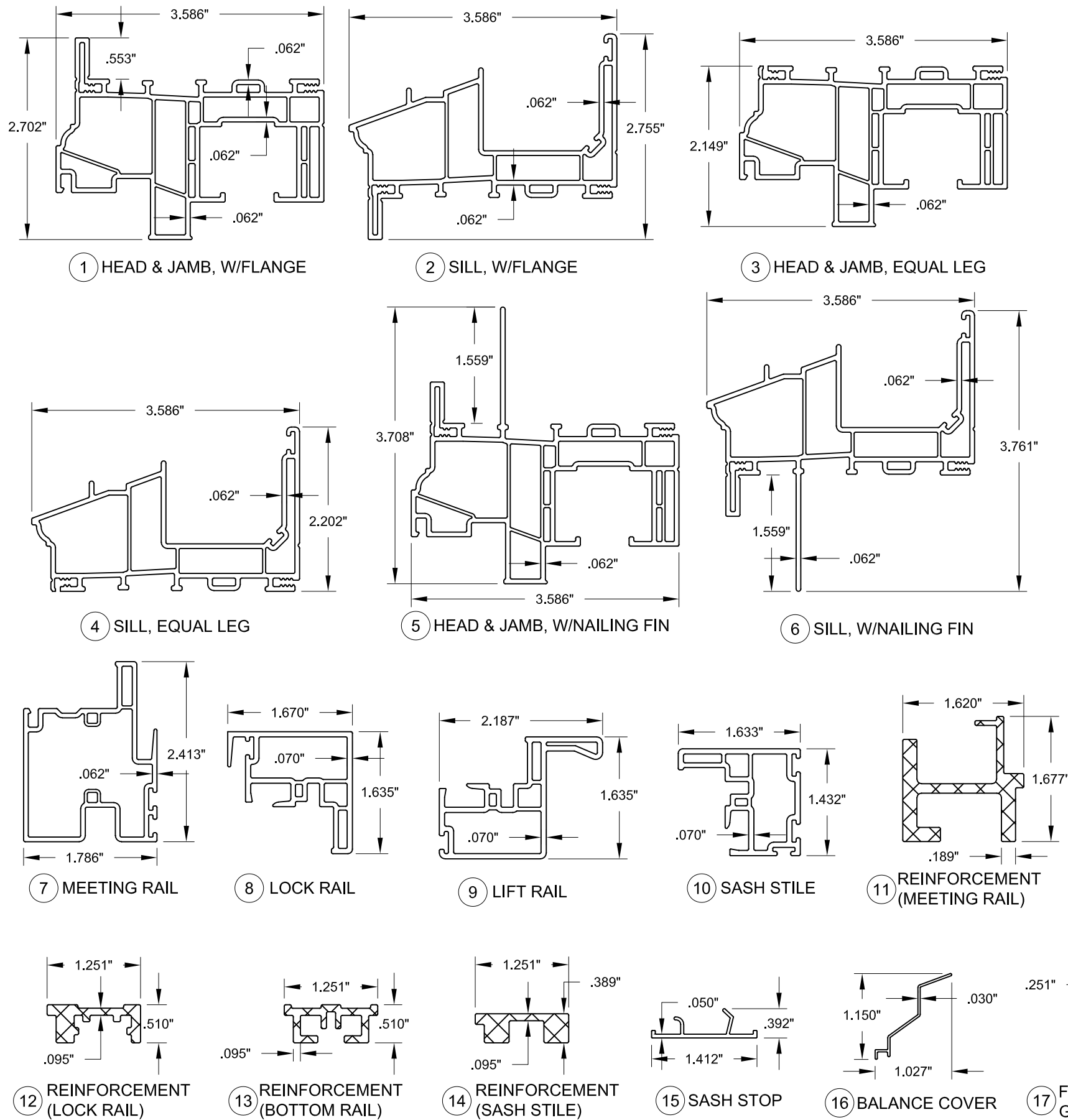
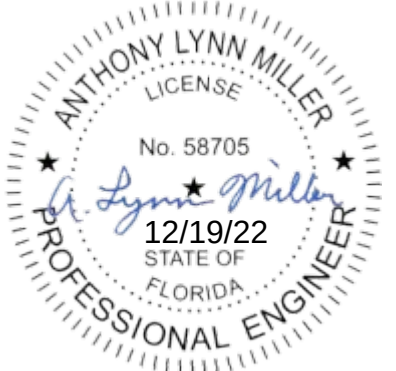


TABLE 5:

| #  | Part #                                                  | Description                     | Material |
|----|---------------------------------------------------------|---------------------------------|----------|
| 1  | 9465                                                    | Head & Jamb, w/Flange           | PVC      |
| 2  | 9469                                                    | Sill, w/Flange                  | PVC      |
| 3  | 9465                                                    | Head & Jamb, Equal Leg          | PVC      |
| 4  | 9469                                                    | Sill, Equal Leg                 | PVC      |
| 5  | 9455                                                    | Head & Jamb, w/Nailing Fin      | PVC      |
| 6  | 9459                                                    | Sill, w/Nailing Fin             | PVC      |
| 7  | 9477                                                    | Meeting Rail                    | PVC      |
| 8  | 9485                                                    | Lock Rail                       | PVC      |
| 9  | 9476                                                    | Sash Lift Rail                  | PVC      |
| 10 | 9438                                                    | Sash Stiles                     | PVC      |
| 11 | 6166                                                    | Reinf. - Meeting Rail           | 6063-T5  |
| 12 | 6165                                                    | Reinf. - Lock Rail              | 6063-T5  |
| 13 | 6163                                                    | Reinf. - Lift Rail              | 6063-T5  |
| 14 | 6164                                                    | Reinf. - Stiles                 | 6063-T5  |
| 15 | 9473                                                    | Sash Stop                       | PVC      |
| 16 | 9468                                                    | Balancer Cover                  | PVC      |
| 17 | 9736                                                    | Fixed Lite Glazing Bead         | PVC      |
| 18 | 9425                                                    | Sash Glazing Bead               | PVC      |
| 19 | 9467                                                    | Sash Glazing Bead w/Drip Edge   | PVC      |
| 30 | 1012                                                    | Screw, #6 x 3/4" PFH            | Steel    |
| 31 | 1007                                                    | Screw, #6 x 1-1/8" PFH          | Steel    |
| 32 | 1015                                                    | Screw, #8 x 1/2" PTRUSS         | Steel    |
| 33 | 1003                                                    | Screw, #6 x 1/2" PFH            | Steel    |
| 40 | 8096                                                    | Keeper                          | Zinc     |
| 41 |                                                         | Lock                            |          |
| 42 | 8121                                                    | MR Backing Plate                | SS       |
| 43 | 4006                                                    | WSTP, .270" x .220" Polyfin     |          |
| 44 | 4008                                                    | WSTP, .270" x .320" Polyfin     |          |
| 45 | 4012                                                    | WSTP, Bulb Vinyl, .187" x .300" | Steel    |
| 46 | 8205/8206                                               | Tilt Latch, L&R                 | Zinc     |
| 47 |                                                         | Balance                         |          |
| 48 | 8148                                                    | Pivot Bar                       | SS       |
| 49 | 8223                                                    | Weep Cover                      | Nylon    |
| 60 | RGS 7700, Pecora 895, SikaFlex 552, Dow 791, 983 or 995 |                                 |          |
| 61 |                                                         | Insulated Glass Spacer          |          |
| 62 | 7061                                                    | Setting Block, 1/8" x 7/8" x 2" | EPDM     |
| 70 | 6244                                                    | Screen Frame                    | Aluminum |

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9400 SERIES SINGLE HUNG, NI

EXTRUSIONS & BOM

NEWSOUTH WINDOW SOLUTIONS  
10741 CROSSROADS COMMERCE BLVD.  
TAMPA, FL 33610

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DATE:

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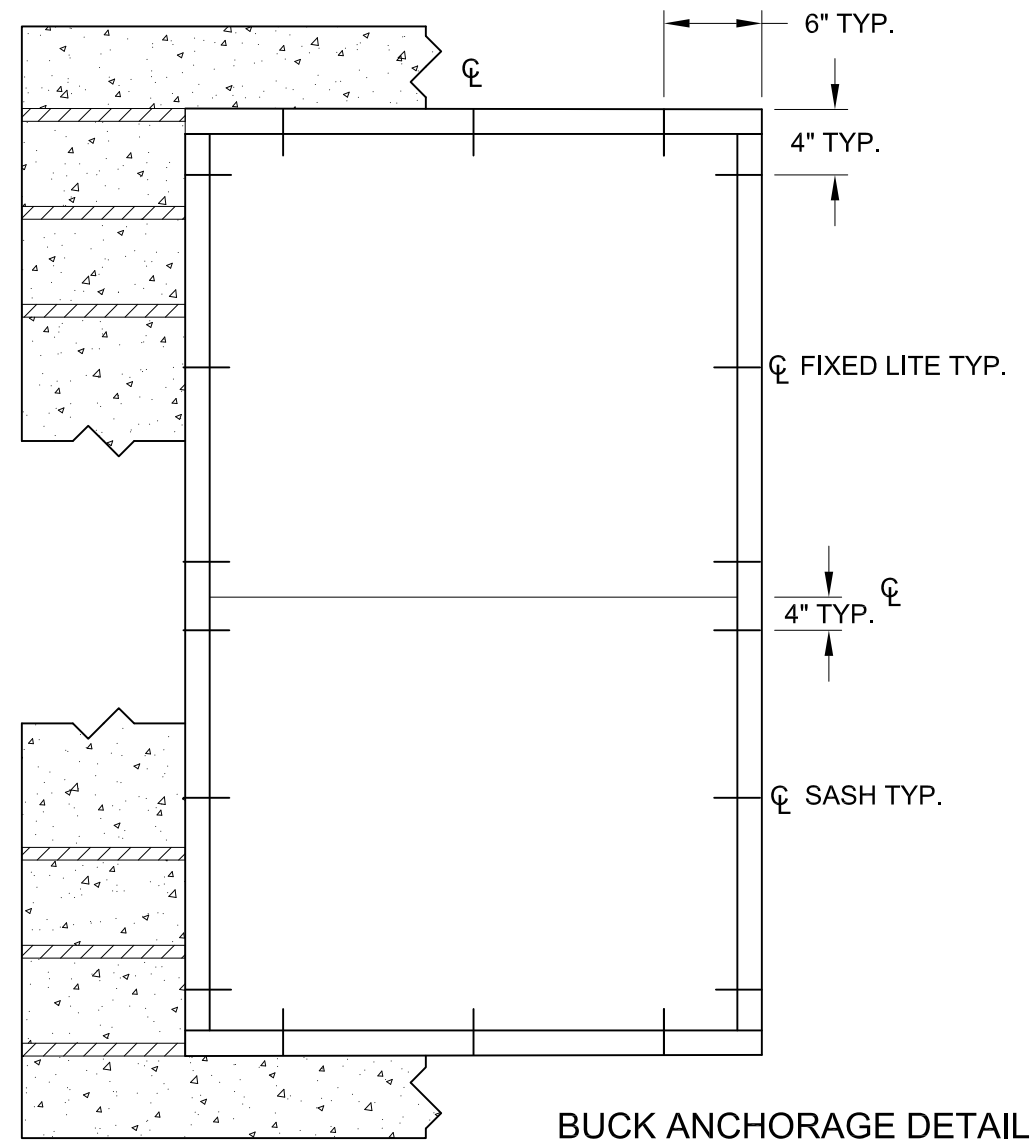
DATE: 12/13/2022

SCALE: NTS

BY: LOGAN YODER

DRAWING # :  
SH9400-FPA-NI

SHEET: 5 OF 6



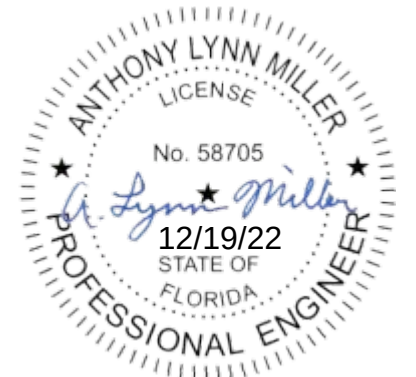
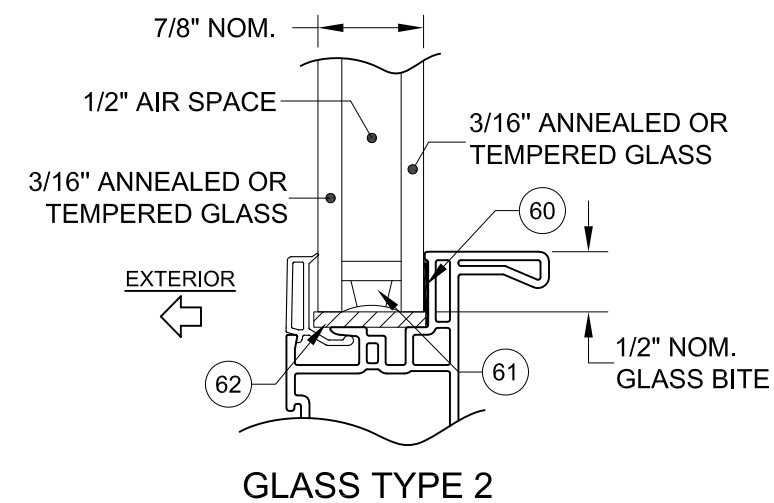
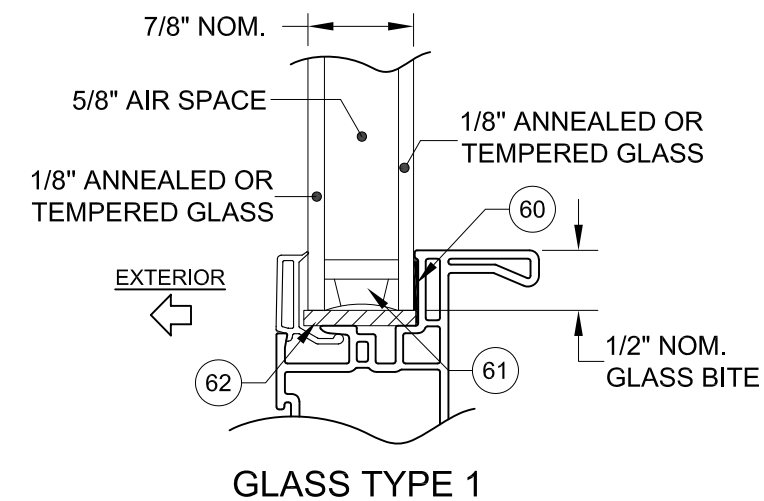
BUCK ANCHORAGE DETAIL

TABLE 6:

| Anchor               | Substrate                  | Minimum Edge Distance | Minimum Embedment |
|----------------------|----------------------------|-----------------------|-------------------|
| 1/4" Steel Ultracon+ | Concrete (min. 3.0 ksi)    | 1"                    | 1-3/8"            |
|                      | UngROUTED CMU, (ASTM C-90) | 1"                    | 1-1/4"            |

1) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.

2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.



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N. VENICE, FL 34275  
(941)-480-1600

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|------------------------------|--|---------------------------|--|---------------------------------------------------------------------------------|--|
| 9400 SERIES SINGLE HUNG, NI  |  | BUCK INSTALLATION DETAILS |  | NEWSOUTH WINDOW SOLUTIONS<br>10741 CROSSROADS COMMERCE BLVD.<br>TAMPA, FL 33610 |  |
| BY:                          |  | REVISION:                 |  | DATE:                                                                           |  |
|                              |  |                           |  | #:                                                                              |  |
| DATE: 12/13/2022             |  |                           |  |                                                                                 |  |
| SCALE: NTS                   |  |                           |  |                                                                                 |  |
| BY: LOGAN YODER              |  |                           |  |                                                                                 |  |
| DRAWING # :<br>SH9400-FPA-NI |  |                           |  |                                                                                 |  |
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