

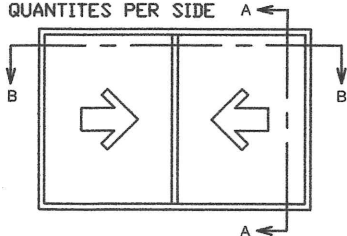
# DESIGN PRESSURE RATING AND ANCHOR CHART

| WINDOW<br>SIZE (INCHES) | PRESSURE<br>CAPACITY<br>IN PSF |          | QUANTITY<br>OF<br>ANCHORS |       |
|-------------------------|--------------------------------|----------|---------------------------|-------|
|                         | EXTERIOR                       | INTERIOR | HD/SILL                   | JAMBS |
| 30 x 36                 | +45                            | -45      | 3                         | 3     |
| 30 x 48                 | +45                            | -45      | 3                         | 4     |
| 30 x 60                 | +45                            | -45      | 3                         | 5     |
| 30 x 63                 | +45                            | -45      | 3                         | 6     |
| 30 x 72                 | +40                            | -40      | 3                         | 6     |
| 36 x 36                 | +45                            | -45      | 4                         | 3     |
| 36 x 48                 | +45                            | -45      | 4                         | 4     |
| 36 x 60                 | +45                            | -45      | 4                         | 5     |
| 36 x 63                 | +45                            | -45      | 4                         | 6     |
| 36 x 72                 | +40                            | -40      | 4                         | 6     |
| 42 x 36                 | +45                            | -45      | 4                         | 3     |
| 42 x 48                 | +45                            | -45      | 4                         | 4     |
| 42 x 60                 | +45                            | -45      | 4                         | 5     |
| 42 x 63                 | +45                            | -45      | 4                         | 6     |
| 42 x 72                 | +40                            | -40      | 4                         | 6     |
| 48 x 36                 | +45                            | -45      | 5                         | 3     |
| 48 x 48                 | +45                            | -45      | 5                         | 4     |
| 48 x 60                 | +45                            | -45      | 5                         | 5     |
| 48 x 63                 | +45                            | -45      | 5                         | 6     |
| 48 x 72                 | +40                            | -40      | 5                         | 6     |
| 54 x 36                 | +45                            | -45      | 5                         | 3     |
| 54 x 48                 | +45                            | -45      | 5                         | 4     |
| 54 x 60                 | +45                            | -45      | 5                         | 5     |
| 54 x 63                 | +45                            | -45      | 5                         | 6     |
| 54 x 72                 | +40                            | -40      | 5                         | 6     |
| 60 x 36                 | +45                            | -45      | 6                         | 3     |
| 60 x 48                 | +45                            | -45      | 6                         | 4     |
| 60 x 60                 | +45                            | -45      | 6                         | 5     |
| 60 x 63                 | +45                            | -45      | 6                         | 6     |
| 60 x 72                 | +40                            | -40      | 6                         | 6     |
| 66 x 36                 | +45                            | -45      | 6                         | 3     |
| 66 x 48                 | +45                            | -45      | 6                         | 4     |
| 66 x 60                 | +45                            | -45      | 6                         | 5     |
| 66 x 63                 | +45                            | -45      | 6                         | 6     |
| 66 x 72                 | +40                            | -40      | 6                         | 6     |
| 72 x 36                 | +45                            | -45      | 6                         | 3     |
| 72 x 48                 | +45                            | -45      | 6                         | 4     |
| 72 x 60                 | +45                            | -45      | 6                         | 5     |
| 72 x 63                 | +45                            | -45      | 6                         | 6     |
| 72 x 72                 | +40                            | -40      | 6                         | 6     |

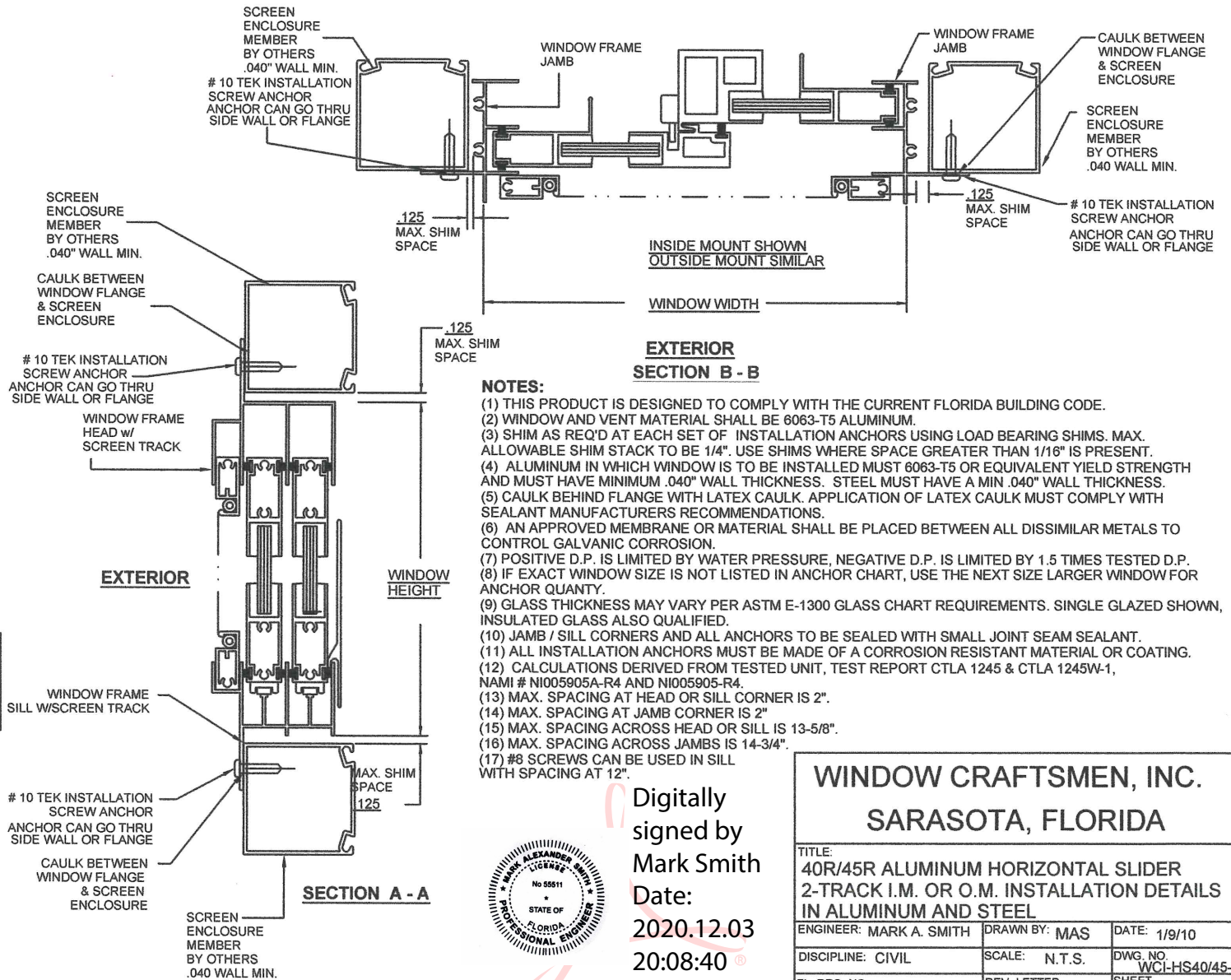
## ANCHOR DETAILS

| APPLICATION              | ANCHOR     | EDGE DIST. | MIN. EMBEDMENT | MAX. SHIM SPACE |
|--------------------------|------------|------------|----------------|-----------------|
| MASONRY W/1 BY WOOD BUCK | 3/16" CONC | 2.5"       | 1.25"          | 0.28"           |
| MASONRY W/2 BY WOOD BUCK | #10 WOOD   | 1.5"       | 1.50"          | 0.25"           |
| MASONRY                  | 3/16" CONC | 2.5"       | 1.25"          | 0.25"           |
| METAL                    | #12 SMS    | 0.75"      | .045" (THICK)  | 0.25"           |

NOTE: ANCHOR QUANTITIES ARE NOT TOTAL QUANTITIES BUT QUANTITIES PER SIDE



EXTERIOR ELEVATION



Digitally signed by Mark Smith  
Date: 2020.12.03 20:08:40 -05'00'

**WINDOW CRAFTSMEN, INC.**

**SARASOTA, FLORIDA**

TITLE:  
40R/45R ALUMINUM HORIZONTAL SLIDER  
2-TRACK I.M. OR O.M. INSTALLATION DETAILS  
IN ALUMINUM AND STEEL

ENGINEER: MARK A. SMITH    DRAWN BY: MAS    DATE: 1/9/10

DISCIPLINE: CIVIL    SCALE: N.T.S.    DWG. NO. WCI-HS40/45-2

FL. REG. NO.: 55511    REV. LETTER: 0    SHEET 1

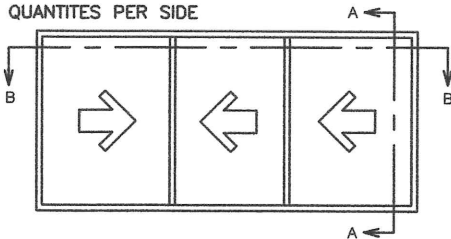
# DESIGN PRESSURE RATING AND ANCHOR CHART

| WINDOW SIZE (INCHES) | PRESSURE CAPACITY IN PSF |          | QUANTITY OF ANCHORS |       |
|----------------------|--------------------------|----------|---------------------|-------|
|                      | EXTERIOR                 | INTERIOR | HD/SILL             | JAMBS |
| 54 x 36              | +45                      | -45      | 5                   | 3     |
| 54 x 48              | +45                      | -45      | 5                   | 4     |
| 54 x 60              | +45                      | -45      | 5                   | 5     |
| 54 x 63              | +45                      | -45      | 5                   | 5     |
| 54 x 72              | +40                      | -40      | 5                   | 6     |
| 60 x 36              | +45                      | -45      | 6                   | 3     |
| 60 x 48              | +45                      | -45      | 6                   | 4     |
| 60 x 60              | +45                      | -45      | 6                   | 5     |
| 60 x 63              | +45                      | -45      | 6                   | 5     |
| 60 x 72              | +40                      | -40      | 6                   | 6     |
| 66 x 36              | +45                      | -45      | 6                   | 3     |
| 66 x 48              | +45                      | -45      | 6                   | 4     |
| 66 x 60              | +45                      | -45      | 6                   | 5     |
| 66 x 63              | +45                      | -45      | 6                   | 5     |
| 66 x 72              | +40                      | -40      | 6                   | 6     |
| 72 x 36              | +45                      | -45      | 6                   | 3     |
| 72 x 48              | +45                      | -45      | 6                   | 4     |
| 72 x 60              | +45                      | -45      | 6                   | 5     |
| 72 x 63              | +45                      | -45      | 6                   | 5     |
| 72 x 72              | +40                      | -40      | 6                   | 6     |
| 78 x 36              | +45                      | -45      | 7                   | 3     |
| 78 x 48              | +45                      | -45      | 7                   | 4     |
| 78 x 60              | +45                      | -45      | 7                   | 5     |
| 78 x 63              | +45                      | -45      | 7                   | 5     |
| 78 x 72              | +40                      | -40      | 7                   | 6     |
| 84 x 36              | +45                      | -45      | 7                   | 3     |
| 84 x 48              | +45                      | -45      | 7                   | 4     |
| 84 x 60              | +45                      | -45      | 7                   | 5     |
| 84 x 63              | +45                      | -45      | 7                   | 5     |
| 84 x 72              | +40                      | -40      | 7                   | 6     |
| 96 x 36              | +45                      | -45      | 8                   | 3     |
| 96 x 48              | +45                      | -45      | 8                   | 4     |
| 96 x 60              | +45                      | -45      | 8                   | 5     |
| 96 x 63              | +45                      | -45      | 8                   | 5     |
| 96 x 72              | +40                      | -40      | 8                   | 6     |
| 108 x 36             | +45                      | -45      | 9                   | 3     |
| 108 x 48             | +45                      | -45      | 9                   | 4     |
| 108 x 60             | +45                      | -45      | 9                   | 5     |
| 108 x 63             | +45                      | -45      | 9                   | 5     |
| 108 x 72             | +40                      | -40      | 9                   | 6     |

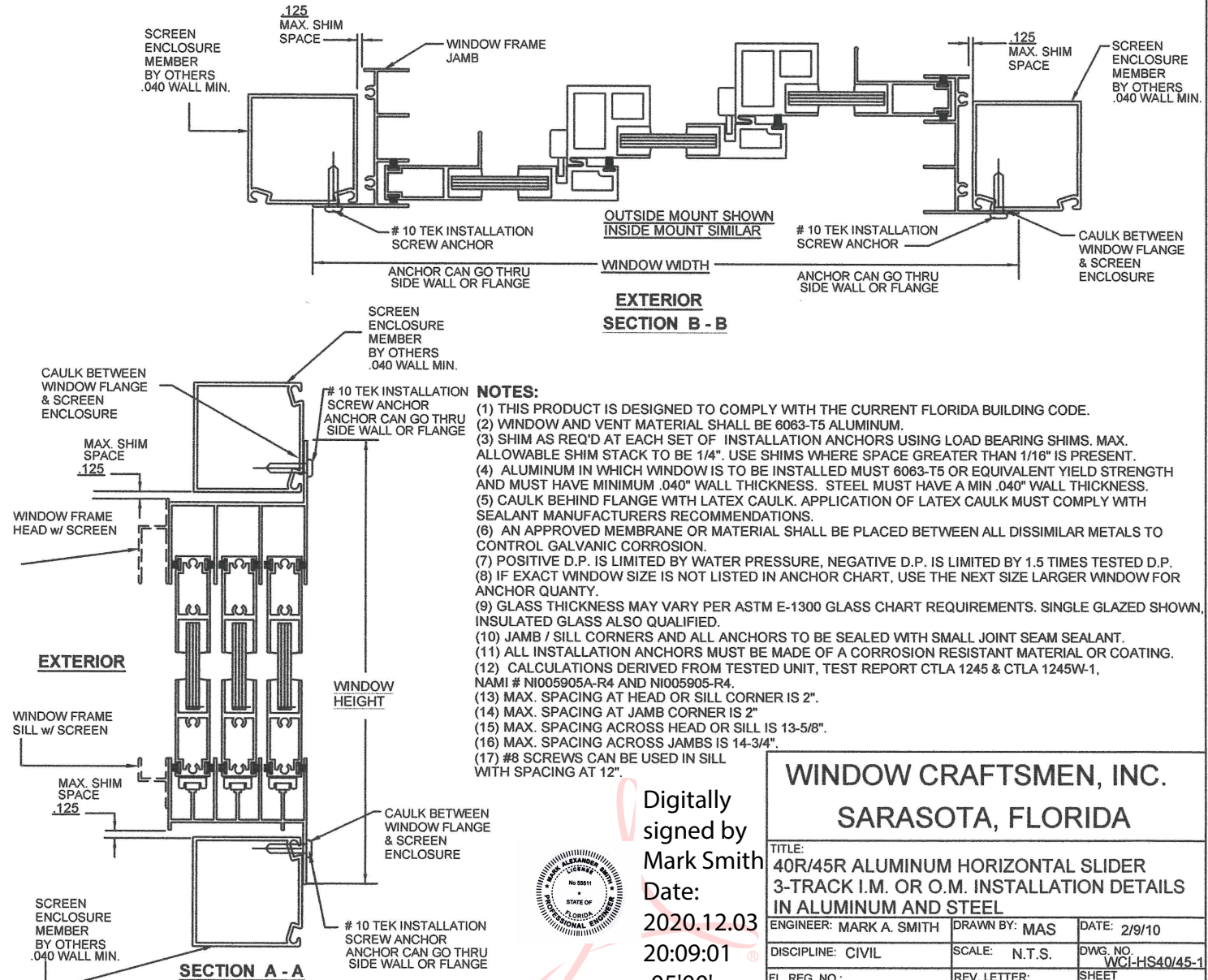
## ANCHOR DETAILS

| APPLICATION              | ANCHOR     | EDGE DIST. | MIN. EMBEDMENT | MAX. SHIM SPACE |
|--------------------------|------------|------------|----------------|-----------------|
| MASONRY W/1 BY WOOD BUCK | 3/16" CONC | 2.5"       | 1.25"          | 0.25"           |
| MASONRY W/2 BY WOOD BUCK | #10 WOOD   | 1.5"       | 1.50"          | 0.25"           |
| MASONRY                  | 3/16" CONC | 2.5"       | 1.25"          | 0.25"           |
| METAL                    | #12 SMS    | 0.75"      | .045" (THICK)  | 0.25"           |

NOTE: ANCHOR QUANTITIES ARE NOT TOTAL QUANTITIES BUT QUANTITIES PER SIDE



EXTERIOR ELEVATION



## NOTES:

- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- (2) WINDOW AND VENT MATERIAL SHALL BE 6063-T5 ALUMINUM.
- (3) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- (4) ALUMINUM IN WHICH WINDOW IS TO BE INSTALLED MUST 6063-T5 OR EQUIVALENT YIELD STRENGTH AND MUST HAVE MINIMUM .040" WALL THICKNESS. STEEL MUST HAVE A MIN .040" WALL THICKNESS.
- (5) CAULK BEHIND FLANGE WITH LATEX CAULK. APPLICATION OF LATEX CAULK MUST COMPLY WITH SEALANT MANUFACTURERS RECOMMENDATIONS.
- (6) AN APPROVED MEMBRANE OR MATERIAL SHALL BE PLACED BETWEEN ALL DISSIMILAR METALS TO CONTROL GALVANIC CORROSION.
- (7) POSITIVE D.P. IS LIMITED BY WATER PRESSURE, NEGATIVE D.P. IS LIMITED BY 1.5 TIMES TESTED D.P.
- (8) IF EXACT WINDOW SIZE IS NOT LISTED IN ANCHOR CHART, USE THE NEXT SIZE LARGER WINDOW FOR ANCHOR QUANTITY.
- (9) GLASS THICKNESS MAY VARY PER ASTM E-1300 GLASS CHART REQUIREMENTS. SINGLE GLAZED SHOWN, INSULATED GLASS ALSO QUALIFIED.
- (10) JAMB / SILL CORNERS AND ALL ANCHORS TO BE SEALED WITH SMALL JOINT SEAM SEALANT.
- (11) ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.
- (12) CALCULATIONS DERIVED FROM TESTED UNIT, TEST REPORT CTLA 1245 & CTLA 1245W-1, NAMI # NI005905A-R4 AND NI005905-R4.
- (13) MAX. SPACING AT HEAD OR SILL CORNER IS 2".
- (14) MAX. SPACING AT JAMB CORNER IS 2"
- (15) MAX. SPACING ACROSS HEAD OR SILL IS 13-5/8".
- (16) MAX. SPACING ACROSS JAMBS IS 14-3/4".
- (17) #8 SCREWS CAN BE USED IN SILL WITH SPACING AT 12".

Digitally signed by Mark Smith  
Date: 2020.12.03 20:09:01 -05'00'



## WINDOW CRAFTSMEN, INC. SARASOTA, FLORIDA

|                                                                                                              |                |                        |
|--------------------------------------------------------------------------------------------------------------|----------------|------------------------|
| TITLE:<br>40R/45R ALUMINUM HORIZONTAL SLIDER 3-TRACK I.M. OR O.M. INSTALLATION DETAILS IN ALUMINUM AND STEEL |                |                        |
| ENGINEER: MARK A. SMITH                                                                                      | DRAWN BY: MAS  | DATE: 2/9/10           |
| DISCIPLINE: CIVIL                                                                                            | SCALE: N.T.S.  | DWG. NO. WCI-HS40/45-1 |
| FL. REG. NO.: 55511                                                                                          | REV. LETTER: 0 | SHEET 2                |

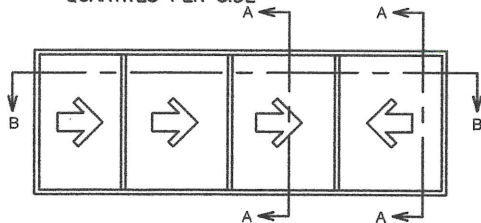
# DESIGN PRESSURE RATING AND ANCHOR CHART

| WINDOW SIZE (INCHES) | PRESSURE CAPACITY IN PSF |          | QUANTITY OF ANCHORS |       |
|----------------------|--------------------------|----------|---------------------|-------|
| WIDTH/HEIGHT         | EXTERIOR                 | INTERIOR | HD/SILL             | JAMBS |
| 54 x 36              | +45                      | -45      | 5                   | 3     |
| 54 x 48              | +45                      | -45      | 5                   | 4     |
| 54 x 60              | +45                      | -45      | 5                   | 5     |
| 54 x 63              | +45                      | -45      | 5                   | 5     |
| 54 x 72              | +40                      | -40      | 5                   | 6     |
| 66 x 36              | +45                      | -45      | 6                   | 3     |
| 66 x 48              | +45                      | -45      | 6                   | 4     |
| 66 x 60              | +45                      | -45      | 6                   | 5     |
| 66 x 63              | +45                      | -45      | 6                   | 5     |
| 66 x 72              | +40                      | -40      | 6                   | 6     |
| 78 x 36              | +45                      | -45      | 7                   | 3     |
| 78 x 48              | +45                      | -45      | 7                   | 4     |
| 78 x 60              | +45                      | -45      | 7                   | 5     |
| 78 x 63              | +45                      | -45      | 7                   | 5     |
| 78 x 72              | +40                      | -40      | 7                   | 6     |
| 96 x 36              | +45                      | -45      | 8                   | 3     |
| 96 x 48              | +45                      | -45      | 8                   | 4     |
| 96 x 60              | +45                      | -45      | 8                   | 5     |
| 96 x 63              | +45                      | -45      | 8                   | 5     |
| 96 x 72              | +40                      | -40      | 8                   | 6     |
| 109 x 36             | +45                      | -45      | 9                   | 3     |
| 109 x 48             | +45                      | -45      | 9                   | 4     |
| 109 x 60             | +45                      | -45      | 9                   | 5     |
| 109 x 63             | +45                      | -45      | 9                   | 5     |
| 109 x 72             | +40                      | -40      | 9                   | 6     |
| 118 x 36             | +45                      | -45      | 10                  | 3     |
| 118 x 48             | +45                      | -45      | 10                  | 4     |
| 118 x 60             | +45                      | -45      | 10                  | 5     |
| 118 x 63             | +45                      | -45      | 10                  | 5     |
| 118 x 72             | +40                      | -40      | 10                  | 6     |
| 128 x 36             | +45                      | -45      | 11                  | 3     |
| 128 x 48             | +45                      | -45      | 11                  | 4     |
| 128 x 60             | +45                      | -45      | 11                  | 5     |
| 128 x 63             | +45                      | -45      | 11                  | 5     |
| 128 x 72             | +40                      | -40      | 11                  | 6     |
| 144 x 36             | +45                      | -45      | 12                  | 3     |
| 144 x 48             | +45                      | -45      | 12                  | 4     |
| 144 x 60             | +45                      | -45      | 12                  | 5     |
| 144 x 63             | +45                      | -45      | 12                  | 5     |
| 144 x 72             | +40                      | -40      | 12                  | 6     |

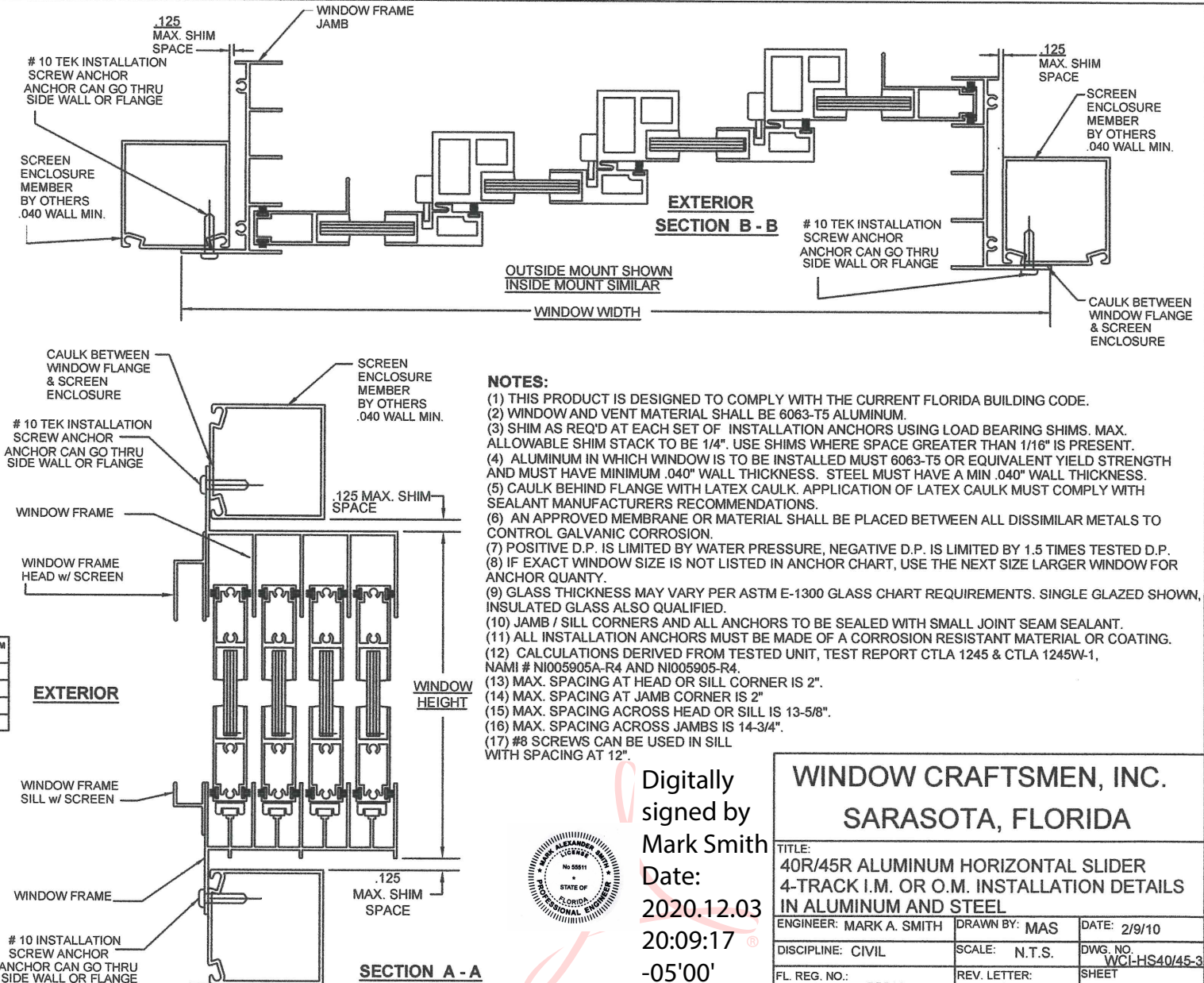
## ANCHOR DETAILS

| APPLICATION              | ANCHOR     | EDGE DIST. | MIN. EMBEDMENT | MAX. SHIM SPACE |
|--------------------------|------------|------------|----------------|-----------------|
| MASONRY W/1 BY WOOD BUCK | 3/16" CONC | 2.5"       | 1.25"          | 0.25"           |
| MASONRY W/2 BY WOOD BUCK | #10 WOOD   | 1.5"       | 1.50"          | 0.25"           |
| MASONRY                  | 3/16" CONC | 2.5"       | 1.25"          | 0.25"           |
| METAL                    | #12 SMS    | 0.75"      | .045" (THICK)  | 0.25"           |

NOTE: ANCHOR QUANTITIES ARE NOT TOTAL QUANTITIES BUT QUANTITIES PER SIDE



EXTERIOR ELEVATION



## NOTES:

- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- (2) WINDOW AND VENT MATERIAL SHALL BE 6063-T5 ALUMINUM.
- (3) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- (4) ALUMINUM IN WHICH WINDOW IS TO BE INSTALLED MUST 6063-T5 OR EQUIVALENT YIELD STRENGTH AND MUST HAVE MINIMUM .040" WALL THICKNESS. STEEL MUST HAVE A MIN .040" WALL THICKNESS.
- (5) CAULK BEHIND FLANGE WITH LATEX CAULK. APPLICATION OF LATEX CAULK MUST COMPLY WITH SEALANT MANUFACTURERS RECOMMENDATIONS.
- (6) AN APPROVED MEMBRANE OR MATERIAL SHALL BE PLACED BETWEEN ALL DISSIMILAR METALS TO CONTROL GALVANIC CORROSION.
- (7) POSITIVE D.P. IS LIMITED BY WATER PRESSURE, NEGATIVE D.P. IS LIMITED BY 1.5 TIMES TESTED D.P.
- (8) IF EXACT WINDOW SIZE IS NOT LISTED IN ANCHOR CHART, USE THE NEXT SIZE LARGER WINDOW FOR ANCHOR QUANTITY.
- (9) GLASS THICKNESS MAY VARY PER ASTM E-1300 GLASS CHART REQUIREMENTS. SINGLE GLAZED SHOWN, INSULATED GLASS ALSO QUALIFIED.
- (10) JAMB / SILL CORNERS AND ALL ANCHORS TO BE SEALED WITH SMALL JOINT SEAM SEALANT.
- (11) ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.
- (12) CALCULATIONS DERIVED FROM TESTED UNIT, TEST REPORT CTLA 1245 & CTLA 1245W-1, NAMI # NI005905A-R4 AND NI005905-R4.
- (13) MAX. SPACING AT HEAD OR SILL CORNER IS 2".
- (14) MAX. SPACING AT JAMB CORNER IS 2".
- (15) MAX. SPACING ACROSS HEAD OR SILL IS 13-5/8".
- (16) MAX. SPACING ACROSS JAMBS IS 14-3/4".
- (17) #8 SCREWS CAN BE USED IN SILL WITH SPACING AT 12".



Digitally signed by Mark Smith  
Date: 2020.12.03 20:09:17 -05'00'

## WINDOW CRAFTSMEN, INC. SARASOTA, FLORIDA

|                                                                                                                    |                |                        |
|--------------------------------------------------------------------------------------------------------------------|----------------|------------------------|
| TITLE:<br>40R/45R ALUMINUM HORIZONTAL SLIDER<br>4-TRACK I.M. OR O.M. INSTALLATION DETAILS<br>IN ALUMINUM AND STEEL |                |                        |
| ENGINEER: MARK A. SMITH                                                                                            | DRAWN BY: MAS  | DATE: 2/9/10           |
| DISCIPLINE: CIVIL                                                                                                  | SCALE: N.T.S.  | DWG. NO. WCL-HS40/45-3 |
| FL. REG. NO.: 55511                                                                                                | REV. LETTER: 0 | SHEET 3                |

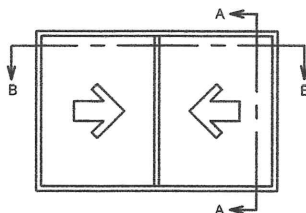
# DESIGN PRESSURE RATING AND ANCHOR CHART

| WINDOW SIZE (INCHES) | PRESSURE CAPACITY IN PSF |          | QUANTITY OF ANCHORS |               |
|----------------------|--------------------------|----------|---------------------|---------------|
|                      | WIDTH/HEIGHT             | EXTERIOR | INTERIOR            | HD/SILL JAMBS |
| 30 x 36              |                          | +45      | -45                 | 3             |
| 30 x 48              |                          | +45      | -45                 | 3             |
| 30 x 60              |                          | +45      | -45                 | 3             |
| 30 x 63              |                          | +45      | -45                 | 3             |
| 30 x 72              |                          | +40      | -40                 | 3             |
| 36 x 36              |                          | +45      | -45                 | 4             |
| 36 x 48              |                          | +45      | -45                 | 4             |
| 36 x 60              |                          | +45      | -45                 | 4             |
| 36 x 63              |                          | +45      | -45                 | 4             |
| 36 x 72              |                          | +40      | -40                 | 4             |
| 42 x 36              |                          | +45      | -45                 | 4             |
| 42 x 48              |                          | +45      | -45                 | 4             |
| 42 x 60              |                          | +45      | -45                 | 4             |
| 42 x 63              |                          | +45      | -45                 | 4             |
| 42 x 72              |                          | +40      | -40                 | 4             |
| 48 x 36              |                          | +45      | -45                 | 5             |
| 48 x 48              |                          | +45      | -45                 | 5             |
| 48 x 60              |                          | +45      | -45                 | 5             |
| 48 x 63              |                          | +45      | -45                 | 5             |
| 48 x 72              |                          | +40      | -40                 | 5             |
| 54 x 36              |                          | +45      | -45                 | 5             |
| 54 x 48              |                          | +45      | -45                 | 5             |
| 54 x 60              |                          | +45      | -45                 | 5             |
| 54 x 63              |                          | +45      | -45                 | 5             |
| 54 x 72              |                          | +40      | -40                 | 5             |
| 60 x 36              |                          | +45      | -45                 | 6             |
| 60 x 48              |                          | +45      | -45                 | 6             |
| 60 x 60              |                          | +45      | -45                 | 6             |
| 60 x 63              |                          | +45      | -45                 | 6             |
| 60 x 72              |                          | +40      | -40                 | 6             |
| 66 x 36              |                          | +45      | -45                 | 6             |
| 66 x 48              |                          | +45      | -45                 | 6             |
| 66 x 60              |                          | +45      | -45                 | 6             |
| 66 x 63              |                          | +45      | -45                 | 6             |
| 66 x 72              |                          | +40      | -40                 | 6             |
| 72 x 36              |                          | +45      | -45                 | 6             |
| 72 x 48              |                          | +45      | -45                 | 6             |
| 72 x 60              |                          | +45      | -45                 | 6             |
| 72 x 63              |                          | +45      | -45                 | 6             |
| 72 x 72              |                          | +40      | -40                 | 6             |

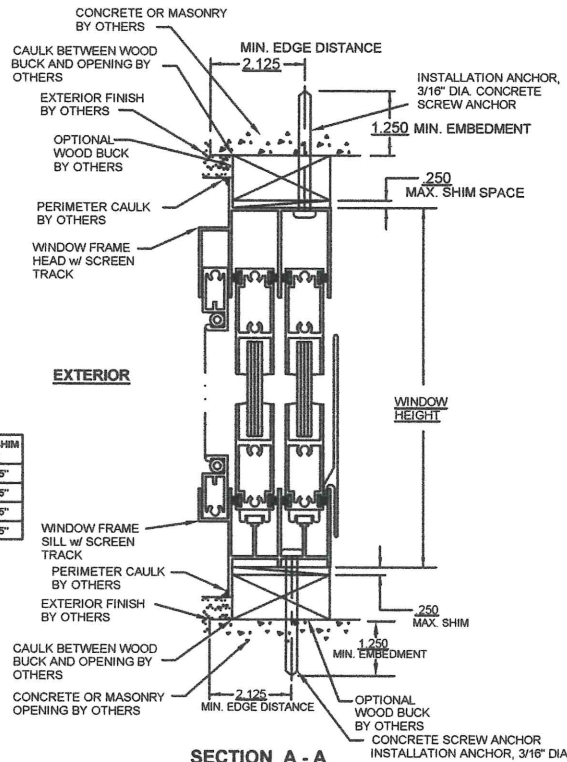
NOTE: ANCHOR QUANTITIES ARE NOT TOTAL QUANTITIES BUT QUANTITIES PER SIDE

## ANCHOR DETAILS

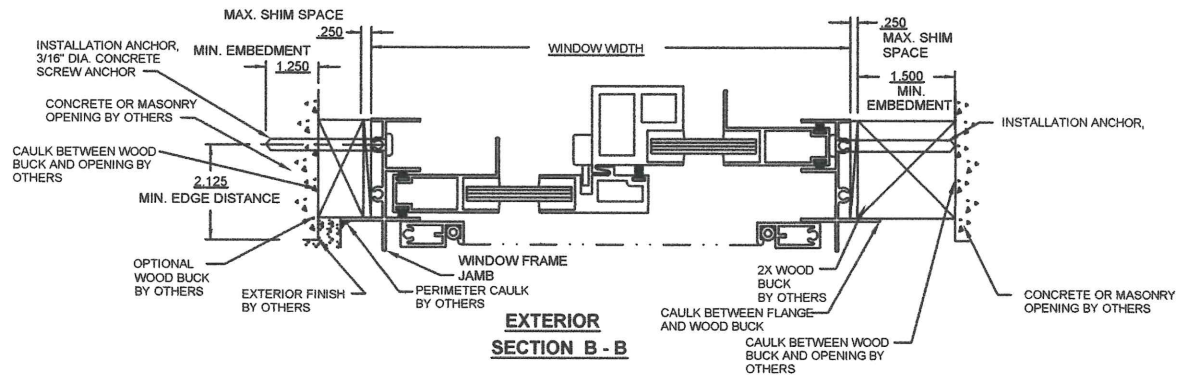
| APPLICATION              | ANCHOR     | EDGE DIST. | MIN. EMBEDMENT | MAX. SHIM SPACE |
|--------------------------|------------|------------|----------------|-----------------|
| MASONRY W/1 BY WOOD BUCK | 3/16" CONC | 2.5"       | 1.25"          | 0.25"           |
| MASONRY W/2 BY WOOD BUCK | #10 WOOD   | 1.5"       | 1.50"          | 0.25"           |
| MASONRY                  | 3/16" CONC | 2.5"       | 1.25"          | 0.25"           |
| METAL                    | #12 SMS    | 0.75"      | .045" (THICK)  | 0.25"           |



EXTERIOR ELEVATION



SECTION A - A

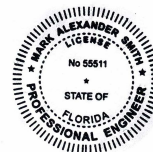


SECTION B - B

BOTH 1X WOOD BUCK/CONCRETE AND 2X WOOD BUCK SHOWN  
OUTSIDE MOUNT SHOWN  
INSIDE MOUNT SIMILAR

## NOTES:

- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- (2) WINDOW AND VENT MATERIAL SHALL BE 6063-T5 ALUMINUM.
- (3) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- (4) INSTALLATION ANCHORS, #10 WOOD SCREWS FOR WOOD FRAMING WITH SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1 1/2" INTO THE WOOD FRAMING
- (5) USE 3/16" DIAMETER TAPCONS FOR CONCRETE OR MASONRY WITH A SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 1 1/4" EMBEDMENT INTO CONCRETE OR MASONRY AND 2" MIN. EDGE DISTANCE.
- (6) CAULK BEHIND FLANGE WITH LATEX CAULK. APPLICATION OF LATEX CAULK MUST COMPLY WITH SEALANT MANUFACTURERS RECOMMENDATIONS.
- (7) AN APPROVED MEMBRANE OR MATERIAL SHALL BE PLACED BETWEEN ALL DISSIMILAR METALS TO CONTROL GALVANIC CORROSION.
- (8) POSITIVE D.P. IS LIMITED BY WATER PRESSURE, NEGATIVE D.P. IS LIMITED BY 1.5 TIMES TESTED D.P.
- (9) IF EXACT WINDOW SIZE IS NOT LISTED IN ANCHOR CHART, USE THE NEXT SIZE LARGER WINDOW FOR ANCHOR QUANTITY.
- (10) GLASS THICKNESS MAY VARY PER ASTM E-1300 GLASS CHART REQUIREMENTS. SINGLE GLAZED SHOWN, INSULATED GLASS ALSO QUALIFIED.
- (11) JAMB / SILL CORNERS AND ALL ANCHORS TO BE SEALED WITH SMALL JOINT SEAM SEALANT.
- (12) ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING. NAMI # NI005905A-R4 AND NI005905-R4.
- (13) CALCULATIONS DERIVED FROM TESTED UNIT, TEST REPORTS # CLTA 1245W & # CTLA 1245W-1.
- (14) MAX. SPACING AT HEAD OR SILL CORNER IS 2".
- (15) MAX. SPACING AT JAMB CORNER IS 2"
- (16) MAX. SPACING ACROSS HEAD OR SILL IS 13-5/8".
- (17) MAX. SPACING ACROSS JAMBS IS 14-3/4".
- (18) #8 SRREW CAN BE USED IN SILL MAX. SPACING TO BE 12"



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Date: 2020.12.03 20:09:31 -05'00'

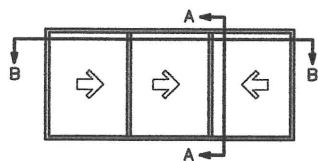
WINDOW CRAFTSMEN, INC.  
SARASOTA, FLORIDA

|                                                                                                                        |                |                           |
|------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------|
| TITLE:<br>40R/45R ALUMINUM HORIZONTAL SLIDER<br>2-TRACK I.M. OR O.M. INSTALLATION DETAILS<br>IN WOOD BUCK AND CONCRETE |                |                           |
| ENGINEER: MARK A. SMITH                                                                                                | DRAWN BY: MAS  | DATE: 10/21/10            |
| DISCIPLINE: CIVIL                                                                                                      | SCALE: N.T.S.  | DWG. NO. WCI-HS40/45-4-SP |
| FL. REG. NO.: 55511                                                                                                    | REV. LETTER: 0 | SHEET 4                   |

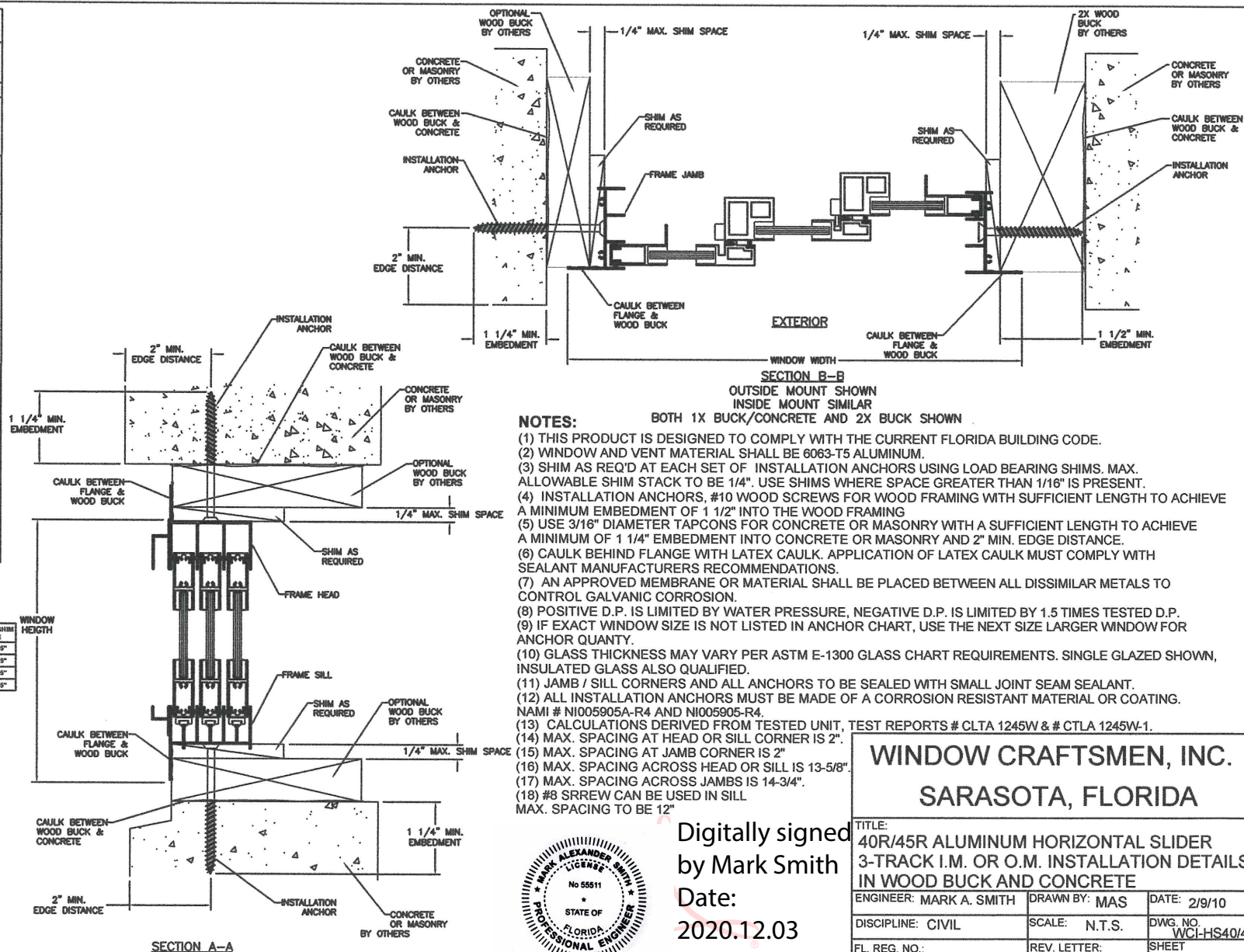
| DESIGN PRESSURE RATING<br>AND ANCHOR CHART |                                |          |                           |       |
|--------------------------------------------|--------------------------------|----------|---------------------------|-------|
| WINDOW SIZE<br>(INCHES)                    | PRESSURE<br>CAPACITY<br>IN PSF |          | QUANTITY<br>OF<br>ANCHORS |       |
| WIDTH/HEIGHT                               | EXTERIOR                       | INTERIOR | HD/SILL                   | JAMBS |
| 54 X 36                                    | +45                            | -45      | 5                         | 3     |
| 54 X 48                                    | +45                            | -45      | 5                         | 4     |
| 54 X 60                                    | +45                            | -45      | 5                         | 5     |
| 54 X 63                                    | +45                            | -45      | 5                         | 5     |
| 54 X 72                                    | +40                            | -40      | 5                         | 6     |
| 60 X 36                                    | +45                            | -45      | 6                         | 3     |
| 60 X 48                                    | +45                            | -45      | 6                         | 4     |
| 60 X 60                                    | +45                            | -45      | 6                         | 5     |
| 60 X 63                                    | +45                            | -45      | 6                         | 5     |
| 60 X 72                                    | +40                            | -40      | 6                         | 6     |
| 66 X 36                                    | +45                            | -45      | 6                         | 3     |
| 66 X 48                                    | +45                            | -45      | 6                         | 4     |
| 66 X 60                                    | +45                            | -45      | 6                         | 5     |
| 66 X 63                                    | +45                            | -45      | 6                         | 5     |
| 66 X 72                                    | +40                            | -40      | 6                         | 6     |
| 72 X 36                                    | +45                            | -45      | 6                         | 3     |
| 72 X 48                                    | +45                            | -45      | 6                         | 4     |
| 72 X 60                                    | +45                            | -45      | 6                         | 5     |
| 72 X 63                                    | +45                            | -45      | 6                         | 5     |
| 72 X 72                                    | +40                            | -40      | 6                         | 6     |
| 78 X 36                                    | +45                            | -45      | 7                         | 3     |
| 78 X 48                                    | +45                            | -45      | 7                         | 4     |
| 78 X 60                                    | +45                            | -45      | 7                         | 5     |
| 78 X 63                                    | +45                            | -45      | 7                         | 5     |
| 78 X 72                                    | +40                            | -40      | 7                         | 6     |
| 84 X 36                                    | +45                            | -45      | 7                         | 3     |
| 84 X 48                                    | +45                            | -45      | 7                         | 4     |
| 84 X 60                                    | +45                            | -45      | 7                         | 5     |
| 84 X 63                                    | +45                            | -45      | 7                         | 5     |
| 84 X 72                                    | +40                            | -40      | 7                         | 6     |
| 96 X 36                                    | +45                            | -45      | 8                         | 3     |
| 96 X 48                                    | +45                            | -45      | 8                         | 4     |
| 96 X 60                                    | +45                            | -45      | 8                         | 5     |
| 96 X 63                                    | +45                            | -45      | 8                         | 5     |
| 96 X 72                                    | +45                            | -45      | 8                         | 6     |
| 108 X 36                                   | +45                            | -45      | 9                         | 3     |
| 108 X 48                                   | +45                            | -45      | 9                         | 4     |
| 108 X 60                                   | +45                            | -45      | 9                         | 5     |
| 108 X 63                                   | +45                            | -45      | 9                         | 5     |
| 108 X 72                                   | +45                            | -45      | 9                         | 6     |

NOTE: ANCHOR QUANTITIES ARE NOT  
TOTAL QUANTITIES BUT  
QUANTITIES PER SIDE

| ANCHOR DETAILS           |             |            |                   |                    |
|--------------------------|-------------|------------|-------------------|--------------------|
| APPLICATION              | ANCHOR      | EDGE DIST. | MIN.<br>EMBEDMENT | MAX. SHIM<br>SPACE |
| MASONRY W/ BY WOOD BUCK  | 3/16" CONIC | 2.5"       | 1.25"             | 6.25"              |
| MASONRY W/2 BY WOOD BUCK | #19 WOOD    | 1.5"       | 1.50"             | 6.25"              |
| MASONRY                  | 3/16" CONIC | 2.5"       | 1.25"             | 6.25"              |
| METAL                    | #12 SWS     | 6.75"      | .645" (THICK)     | 6.25"              |

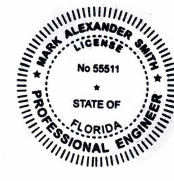


EXTERIOR ELEVATION



#### NOTES:

- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- (2) WINDOW AND VENT MATERIAL SHALL BE 6063-T5 ALUMINUM.
- (3) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- (4) INSTALLATION ANCHORS, #10 WOOD SCREWS FOR WOOD FRAMING WITH SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1 1/2" INTO THE WOOD FRAMING
- (5) USE 3/16" DIAMETER TAPCONS FOR CONCRETE OR MASONRY WITH A SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 1 1/4" EMBEDMENT INTO CONCRETE OR MASONRY AND 2" MIN. EDGE DISTANCE.
- (6) CAULK BEHIND FLANGE WITH LATEX CAULK. APPLICATION OF LATEX CAULK MUST COMPLY WITH SEALANT MANUFACTURERS RECOMMENDATIONS.
- (7) AN APPROVED MEMBRANE OR MATERIAL SHALL BE PLACED BETWEEN ALL DISSIMILAR METALS TO CONTROL GALVANIC CORROSION.
- (8) POSITIVE D.P. IS LIMITED BY WATER PRESSURE, NEGATIVE D.P. IS LIMITED BY 1.5 TIMES TESTED D.P.
- (9) IF EXACT WINDOW SIZE IS NOT LISTED IN ANCHOR CHART, USE THE NEXT SIZE LARGER WINDOW FOR ANCHOR QUANTITY.
- (10) GLASS THICKNESS MAY VARY PER ASTM E-1300 GLASS CHART REQUIREMENTS. SINGLE GLAZED SHOWN, INSULATED GLASS ALSO QUALIFIED.
- (11) JAMB / SILL CORNERS AND ALL ANCHORS TO BE SEALED WITH SMALL JOINT SEAM SEALANT.
- (12) ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING. NAMI # NI005905A-R4 AND NI005905-R4.
- (13) CALCULATIONS DERIVED FROM TESTED UNIT, TEST REPORTS # CLTA 1245W & # CLTA 1245W-1.
- (14) MAX. SPACING AT HEAD OR SILL CORNER IS 2".
- (15) MAX. SPACING AT JAMB CORNER IS 2"
- (16) MAX. SPACING ACROSS HEAD OR SILL IS 13-5/8"
- (17) MAX. SPACING ACROSS JAMBS IS 14-3/4"
- (18) #8 SRREW CAN BE USED IN SILL MAX. SPACING TO BE 12"



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by Mark Smith  
Date:  
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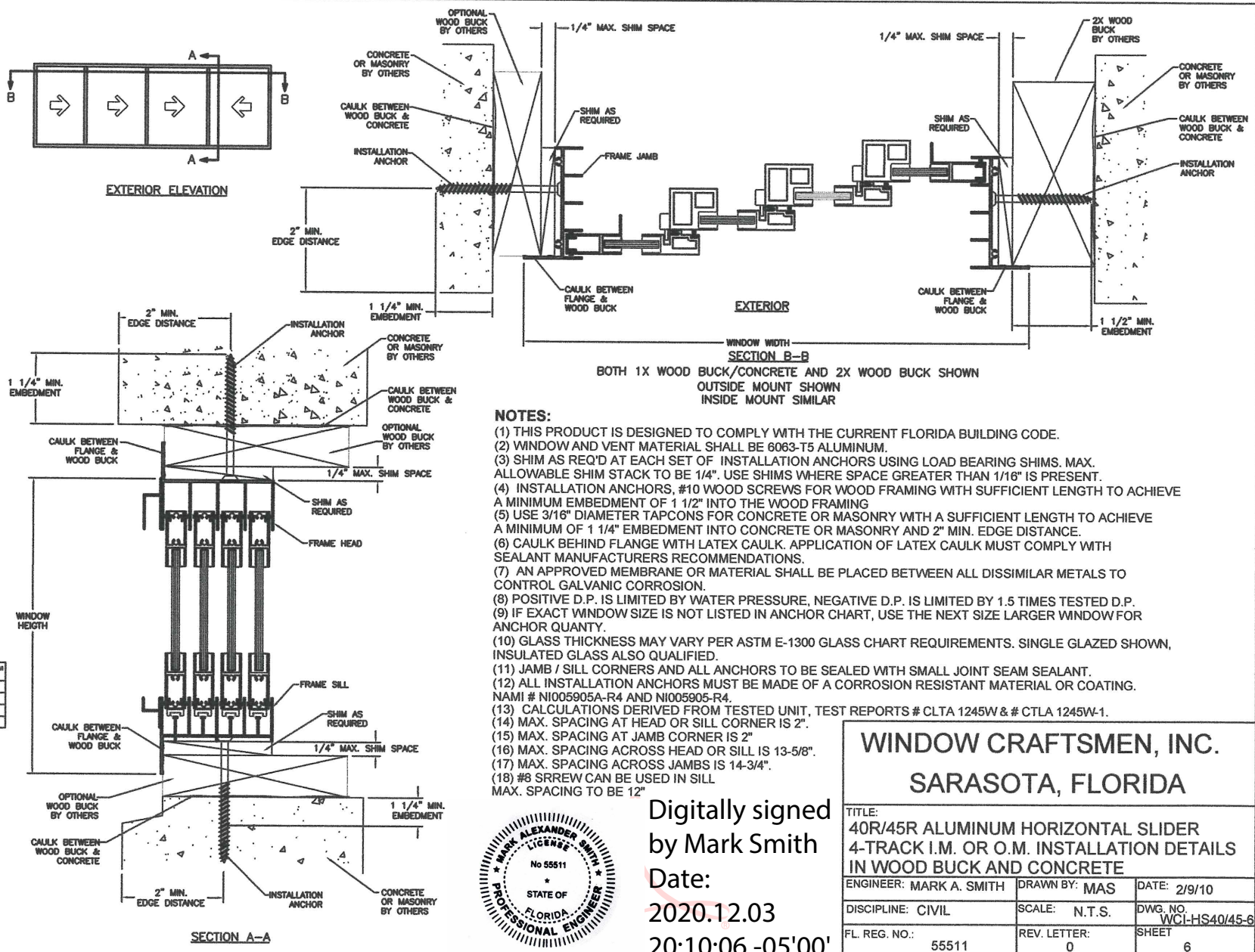
## WINDOW CRAFTSMEN, INC. SARASOTA, FLORIDA

|                                                                                                                        |                |                        |
|------------------------------------------------------------------------------------------------------------------------|----------------|------------------------|
| TITLE:<br>40R/45R ALUMINUM HORIZONTAL SLIDER<br>3-TRACK I.M. OR O.M. INSTALLATION DETAILS<br>IN WOOD BUCK AND CONCRETE |                |                        |
| ENGINEER: MARK A. SMITH                                                                                                | DRAWN BY: MAS  | DATE: 2/9/10           |
| DISCIPLINE: CIVIL                                                                                                      | SCALE: N.T.S.  | DWG. NO. WCI-HS40/45-5 |
| FL. REG. NO.: 55511                                                                                                    | REV. LETTER: 0 | SHEET 5                |

| DESIGN PRESSURE RATING AND ANCHOR CHART |                          |          |                     |       |
|-----------------------------------------|--------------------------|----------|---------------------|-------|
| WINDOW SIZE (INCHES)                    | PRESSURE CAPACITY IN PSF |          | QUANTITY OF ANCHORS |       |
| WIDTH/HEIGHT                            | EXTERIOR                 | INTERIOR | HD/SILL             | JAMBS |
| 54 X 36                                 | +45                      | -45      | 5                   | 3     |
| 54 X 48                                 | +45                      | -45      | 5                   | 4     |
| 54 X 60                                 | +45                      | -45      | 5                   | 5     |
| 54 X 63                                 | +45                      | -45      | 5                   | 6     |
| 54 X 72                                 | +40                      | -40      | 5                   | 6     |
| 66 X 36                                 | +45                      | -45      | 6                   | 3     |
| 66 X 48                                 | +45                      | -45      | 6                   | 4     |
| 66 X 60                                 | +45                      | -45      | 6                   | 5     |
| 66 X 63                                 | +45                      | -45      | 6                   | 6     |
| 66 X 72                                 | +40                      | -40      | 6                   | 6     |
| 78 X 36                                 | +45                      | -45      | 7                   | 3     |
| 78 X 48                                 | +45                      | -45      | 7                   | 4     |
| 78 X 60                                 | +45                      | -45      | 7                   | 5     |
| 78 X 63                                 | +45                      | -45      | 7                   | 6     |
| 78 X 72                                 | +40                      | -40      | 7                   | 6     |
| 96 X 36                                 | +45                      | -45      | 8                   | 3     |
| 96 X 48                                 | +45                      | -45      | 8                   | 4     |
| 96 X 60                                 | +45                      | -45      | 8                   | 5     |
| 96 X 63                                 | +45                      | -45      | 8                   | 6     |
| 96 X 72                                 | +40                      | -40      | 8                   | 6     |
| 108 X 36                                | +45                      | -45      | 9                   | 3     |
| 108 X 48                                | +45                      | -45      | 9                   | 4     |
| 108 X 60                                | +45                      | -45      | 9                   | 5     |
| 108 X 63                                | +45                      | -45      | 9                   | 6     |
| 108 X 72                                | +40                      | -40      | 9                   | 6     |
| 118 X 36                                | +45                      | -45      | 10                  | 3     |
| 118 X 48                                | +45                      | -45      | 10                  | 4     |
| 118 X 60                                | +45                      | -45      | 10                  | 5     |
| 118 X 63                                | +45                      | -45      | 10                  | 6     |
| 118 X 72                                | +40                      | -40      | 10                  | 6     |
| 128 X 36                                | +45                      | -45      | 11                  | 3     |
| 128 X 48                                | +45                      | -45      | 11                  | 4     |
| 128 X 60                                | +45                      | -45      | 11                  | 5     |
| 128 X 63                                | +45                      | -45      | 11                  | 6     |
| 128 X 72                                | +40                      | -40      | 11                  | 6     |
| 144 X 36                                | +45                      | -45      | 12                  | 3     |
| 144 X 48                                | +45                      | -45      | 12                  | 4     |
| 144 X 60                                | +45                      | -45      | 12                  | 5     |
| 144 X 63                                | +45                      | -45      | 12                  | 6     |
| 144 X 72                                | +40                      | -40      | 12                  | 6     |

NOTE: ANCHOR QUANTITIES ARE NOT TOTAL QUANTITIES BUT QUANTITIES PER SIDE

| ANCHOR DETAILS          |            |            |                |                 |
|-------------------------|------------|------------|----------------|-----------------|
| APPLICATION             | ANCHOR     | EDGE DIST. | MIN. EMBEDMENT | MAX. SHIM SPACE |
| MASONRY W/ BY WOOD BUCK | 3/16" CONG | 2.5"       | 1.25"          | 0.25"           |
| MASONRY W/ BY WOOD BUCK | #10 WOOD   | 1.5"       | 1.50"          | 0.25"           |
| MASONRY                 | 3/16" CONG | 2.5"       | 1.25"          | 0.25"           |
| METAL                   | #12 SWS    | 0.75"      | 0.45" (THICK)  | 0.25"           |



- NOTES:**
- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
  - (2) WINDOW AND VENT MATERIAL SHALL BE 6063-T5 ALUMINUM.
  - (3) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
  - (4) INSTALLATION ANCHORS, #10 WOOD SCREWS FOR WOOD FRAMING WITH SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1 1/2" INTO THE WOOD FRAMING
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  - (16) MAX. SPACING ACROSS HEAD OR SILL IS 13-5/8".
  - (17) MAX. SPACING ACROSS JAMBS IS 14-3/4".
  - (18) #8 SRREW CAN BE USED IN SILL MAX. SPACING TO BE 12"

|                                                                                                                        |                |                        |
|------------------------------------------------------------------------------------------------------------------------|----------------|------------------------|
| <b>WINDOW CRAFTSMEN, INC.</b><br><b>SARASOTA, FLORIDA</b>                                                              |                |                        |
| TITLE:<br>40R/45R ALUMINUM HORIZONTAL SLIDER<br>4-TRACK I.M. OR O.M. INSTALLATION DETAILS<br>IN WOOD BUCK AND CONCRETE |                |                        |
| ENGINEER: MARK A. SMITH                                                                                                | DRAWN BY: MAS  | DATE: 2/9/10           |
| DISCIPLINE: CIVIL                                                                                                      | SCALE: N.T.S.  | DWG. NO. WCI-HS40/45-6 |
| FL. REG. NO.: 55511                                                                                                    | REV. LETTER: 0 | SHEET 6                |



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by Mark Smith  
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