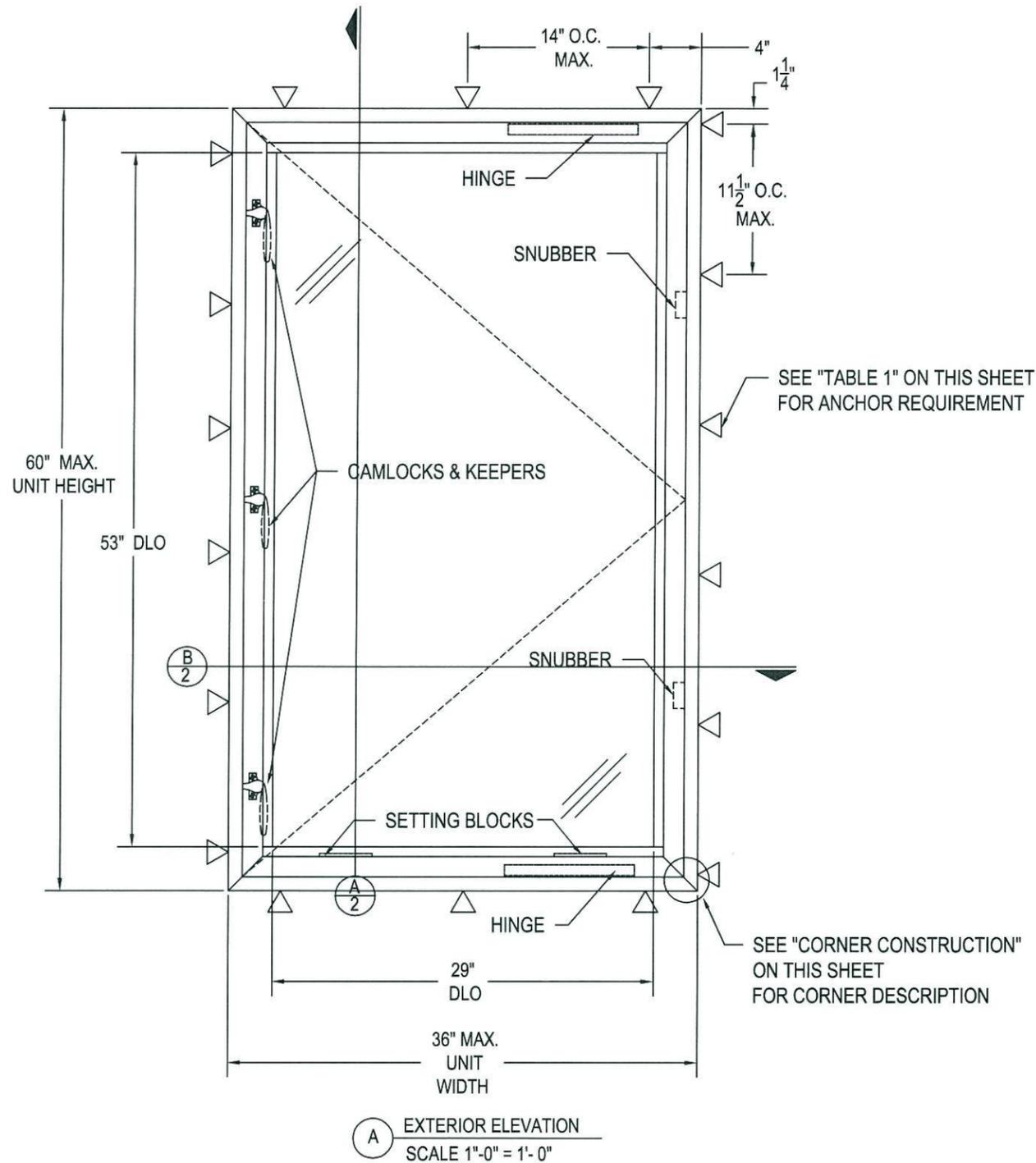


NX3200 - INSWING CASEMENT WINDOW (NON-IMPACT)



DESIGN PRESSURE = +80/- 80 PSF

HARDWARE TYPES AND LOCATIONS
 CAMLOCK & KEEPER (ITEM #18 & 19), TWO @ 10" FROM EACH END AND ONE @ MID-SPAN OF LOCK STILE
 HINGES (ITEM #16), ONE EACH @ HEAD AND SILL
 SNUBBERS (ITEM #15), TWO @ 15" FROM EACH END OF JAMB / HINGE STILE
 SETTING BLOCKS (ITEM #12), TWO @ 1/4 POINT FROM EACH END FOR SILL

GENERAL NOTES

1. THIS PRODUCT HAS BEEN TESTED TO AAMA/WDMA/CSA 101/I.S.2/A440-08, AND MEETS THE REQUIREMENTS OF THE 2006 INTERNATIONAL BUILDING CODE AND INTERNATIONAL RESIDENTIAL CODE, WITH 2006 TEXAS REVISIONS EFFECTIVE JANUARY 1, 2008.
2. THIS PRODUCT, FABRICATED, GLAZED, AND ANCHORED AS DETAILED IN THIS DRAWING, IS NON-IMPACT AND REQUIRES THE USE OF SHUTTERS IN WINDBORNE DEBRIS REGIONS.
3. ALLOWABLE CONFIGURATION: X (SINGLE OPERABLE SASH)
4. THE DESIGN PRESSURE RATINGS IN THIS DRAWING ARE AS LIMITED BY ASTM E-1300-04 GLASS TABLES, AND TESTED PRESSURES.
5. DISSIMILAR MATERIALS THAT COME INTO CONTACT, INCLUDING BUT NOT LIMITED TO PRESSURE TREATED WOOD BUCKS, SHALL BE COATED OR OTHERWISE PROTECTED PER IBC/IRC REQUIREMENTS TO PREVENT GALVANIC REACTIONS.
6. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE SHALL BE THE RESPONSIBILITY OF OTHERS.
7. THE 4/3 ALLOWABLE STRESS INCREASE HAS NOT BEEN USED IN THE ANCHOR ANALYSIS FOR THIS SYSTEM. THE 1.6 Cd FACTOR WAS USED IN THE ANALYSIS OF WOOD SUBSTRATE.
8. STRUCTURAL INTEGRITY OF SUBSTRATE MATERIALS TO RECEIVE THE LOADS FROM THIS PRODUCT, AND INSTALLATION OF WOOD BUCKS TO THE SUBSTRATE, TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
9. THIS PRODUCT SHALL BE INSTALLED USING ONE OF THE APPROVED FASTENERS IN TABLE 1 APPROPRIATE FOR THE SUBSTRATE TYPE, AT THE MINIMUM SPACING SHOWN IN THE ELEVATION VIEW ON THIS PAGE.
10. MINIMUM ANCHOR EMBEDMENTS LISTED IN TABLE 1 SHALL BE BEYOND WALL DRESSING OR STUCCO AND FULLY INTO SUBSTRATE.
11. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE 1. CONCRETE OR MASONRY SUBSTRATES SHALL NOT BE CRACKED. FOR INSTALLATION TO METAL SUBSTRATES, ANCHORS SHALL BE LONG ENOUGH TO BE FULLY THREADED THROUGH THE METAL THICKNESS WITH AN ADDITIONAL 3/16" MIN. OF THREADS BEYOND.

TABLE 1: INSTALLATION ANCHOR REQUIREMENTS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED	MIN. EDGE DIST.
A	CONCRETE (2.0 KSI MIN)	3/16" ITW TAPCON	1"	1 1/8"
B	HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.)	3/16" ITW TAPCON	1"	2"
C	CONCRETE (2.85 KSI MIN.)	3/16" ELCO ULTRACON	1"	1"
D	HOLLOW OR GROUT-FILLED CMU (ASTM C90)	3/16" ELCO ULTRACON	1-1/4"	2 1/2"
E	2X MIN. SPRUCE-PINE-FIR WOOD (G=0.42)	3/16" ELCO ULTRACON	1-3/8"	1"
F	2X MIN. SPRUCE-PINE-FIR WOOD (G=0.42)	#10 WOOD SCREW	1-3/8"	1"
G	16 GAUGE (0.060") MIN. STEEL STUD 33KSI YIELD MIN.	#10-16 ITW TEKS SELF-DRILLING SCREW	SEE NOTE 11	1/2"
H	1/8" ALUM. 6063-T5 MIN. OR 1/8" STEEL 36 KSI MIN.	#10 GRADE 5 SELF-TAPPING/ DRILLING SCREW	SEE NOTE 11	1/2"

INSTALL ONE ANCHOR PER LOCATION INDICATED IN ELEVATION VIEW

CORNER CONSTRUCTION:

FRAME: VERTICAL AND HORIZONTAL MEMBERS ARE MITERED AND JOINED TOGETHER WITH CORNER KEYS, CRIMPED AND SEALED WITH SEALANT.
VENT: VERTICAL AND HORIZONTAL MEMBERS ARE MITERED AND JOINED TOGETHER WITH CORNER KEY, CRIMPED AND SEALED WITH SEALANT.

REV.	DATE	DESCRIPTION	BY
E.C. NO.	XXXX-XX	XX/XX/XX	

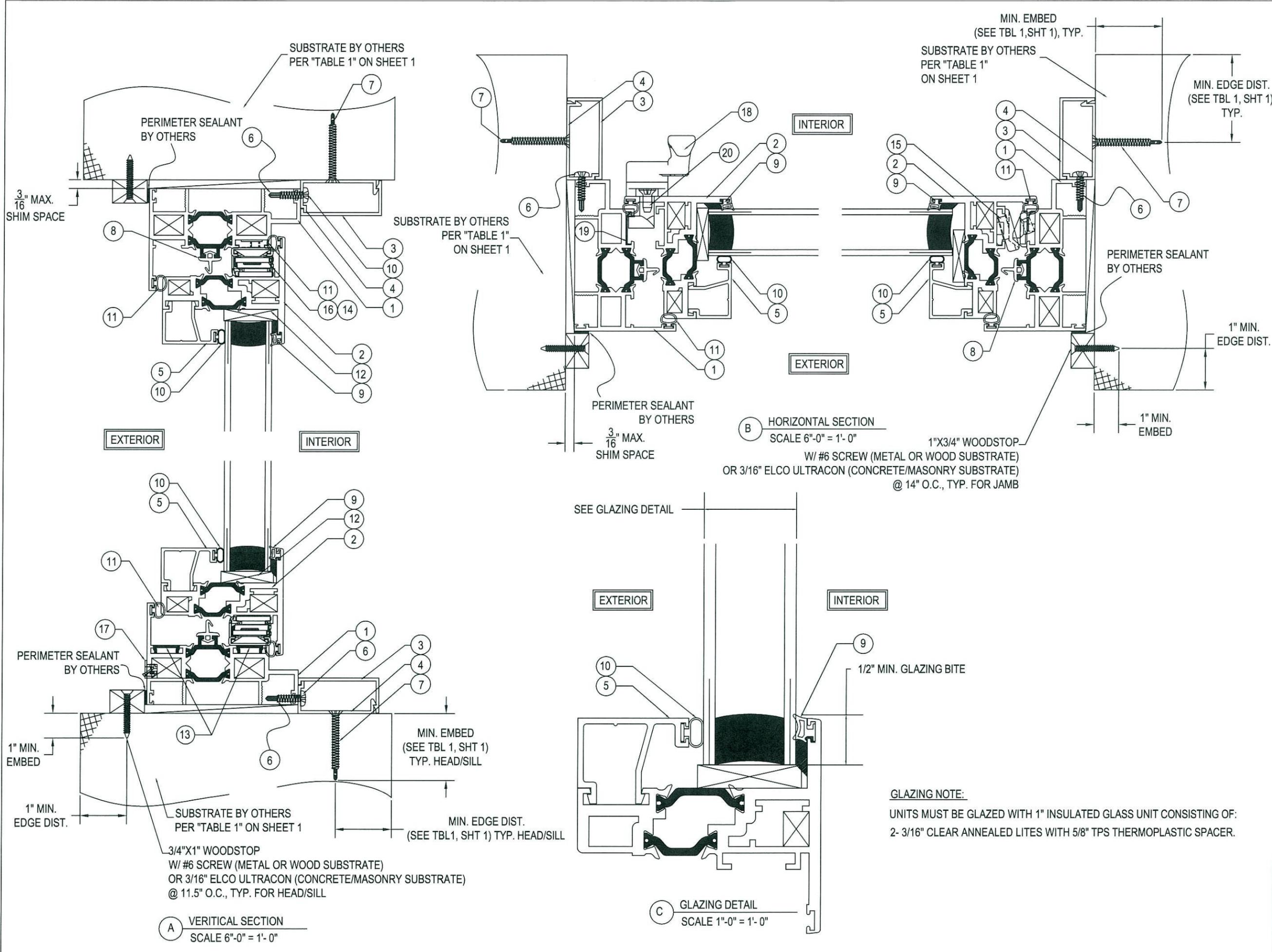
5/15/2013
 ROBERT L. CLARK, TX P.E. #74072
 823 HARROWOOD CT
 SARASOTA, FL PH. 941-504-0619

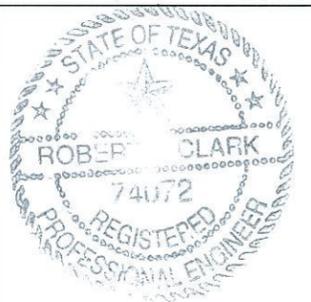
TRACO
 A DIVISION OF KAMNEER
 71 PROGRESS AVENUE
 CRANBERRY TOWNSHIP, PA 16866
 PHONE (724) 776-7000
 FAX (724) 776-7114

NX-3200 - INSWING CASEMENT WINDOW
 NON-IMPACT

SCALE: NONE

DRAWN BY: YSE DATE: 05/15/12
 DRWG. NO.: I-NX3200-001
 SHEET: 1 OF 03 I-NX3200-001



REV.	DATE	DESCRIPTION	BY
E.C. NO.	xxxx-xx	xxxx/xx	
 5/15/2013 ROBERT L. CLARK, TX P.E. #74072 823 HARROWOOD CT SARASOTA, FL PH. 941-504-0619			
			
TRACO A DIVISION OF KAWNEER 71 PROGRESS AVENUE CRANBURY TOWNSHIP, PA 16066 PHONE (724) 776-7000 FAX (724) 776-7114		NX-3200 - INSWING CASEMENT WINDOW NON-IMPACT SCALE: NONE	
DRAWN BY YSE		DATE 05/15/12	
DRWG. NO. I-NX3200-002			
SHEET 2 OF 03		I-NX3200-001	

