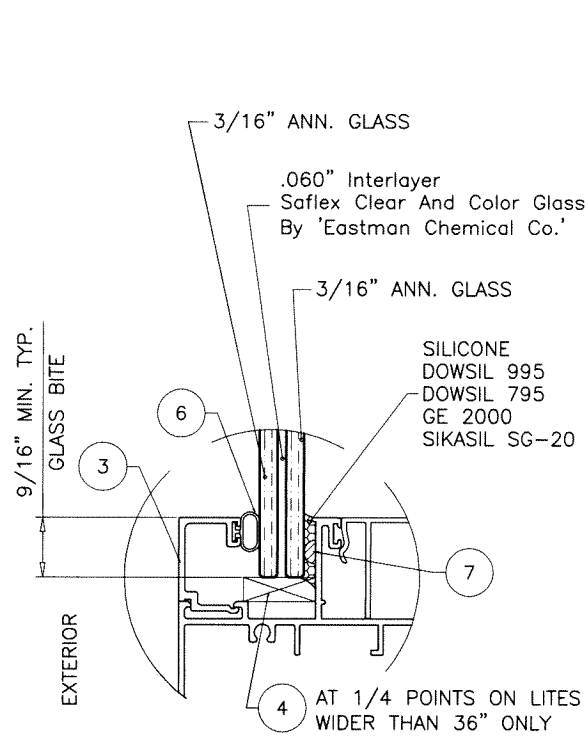
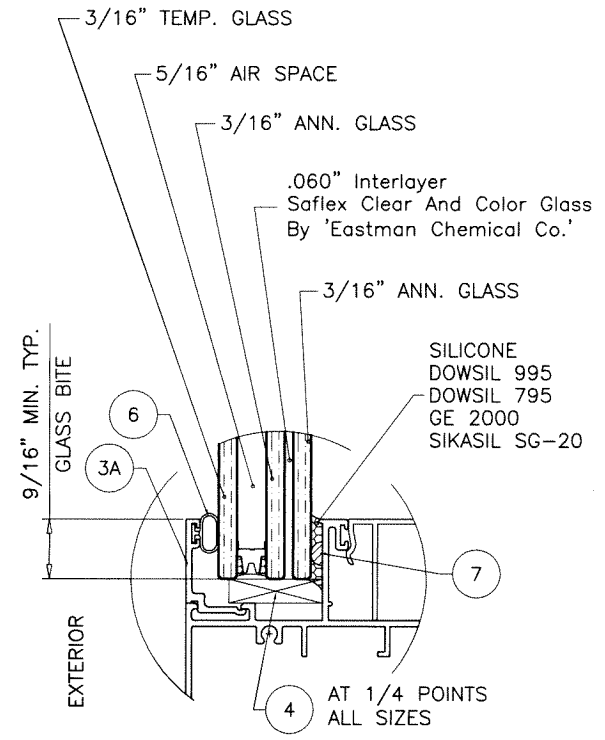
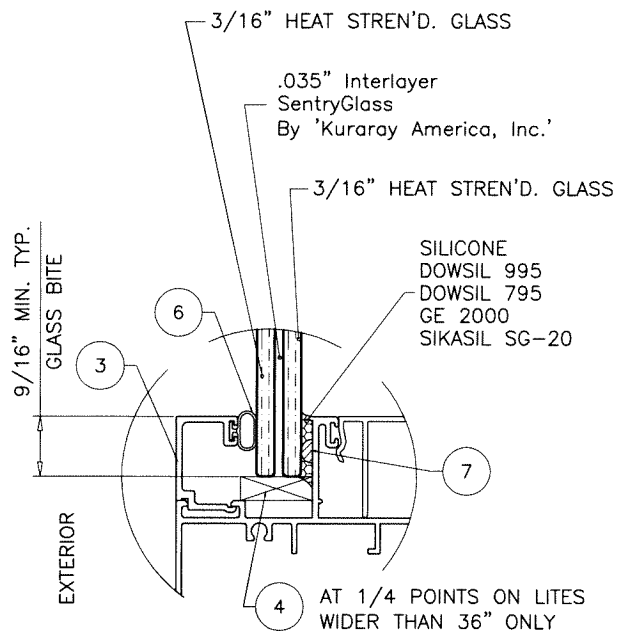




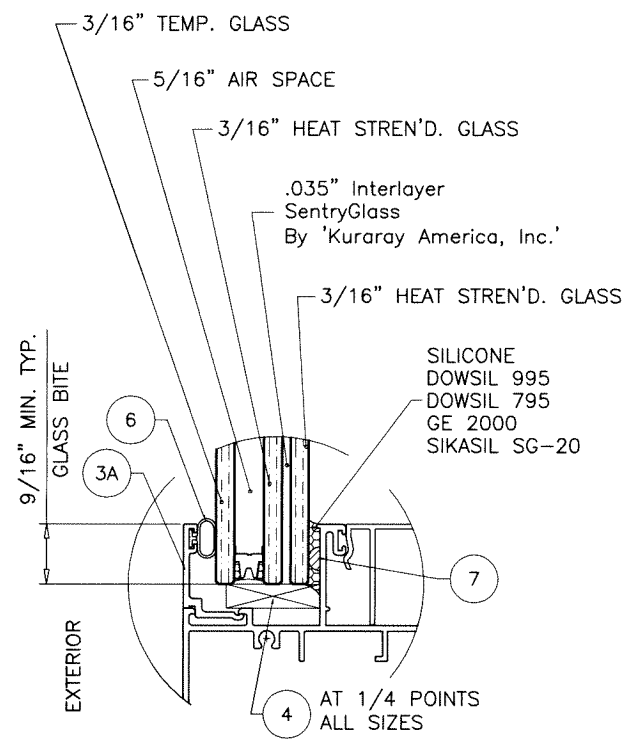
GLASS TYPE 'A'
7/16" OVERALL LAM. GLASS



GLASS TYPE 'Ai'
15/16" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'B'
7/16" OVERALL LAM. GLASS



GLASS TYPE 'Bi'
15/16" OVERALL INSUL. LAM. GLASS

Sealed: 9/20/2023



FL #30352

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL 19-81F-AWC

SERIES-100FW ALUMINUM FIXED WDW. (S.M.I.)

Alcon Windows And Doors Corp.
7240 N.W. 46th Street
Miami, FL. 33166
Tel. (305) 553-0229 Fax. (786) 363-8141

revisions:	
no	date by description

date: 07-25-19

scale: 1/2" = 1"

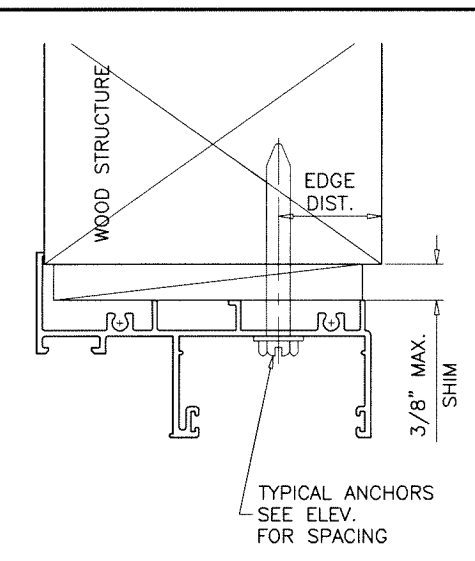
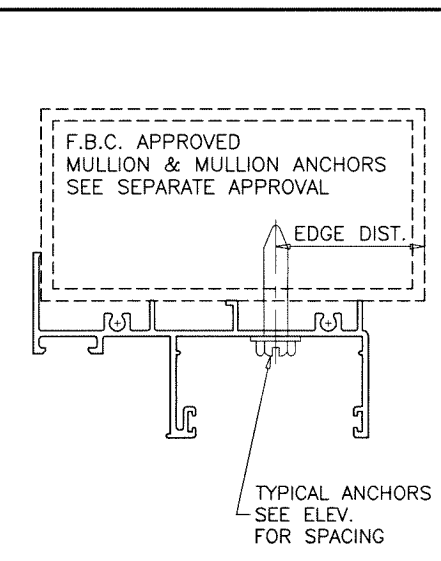
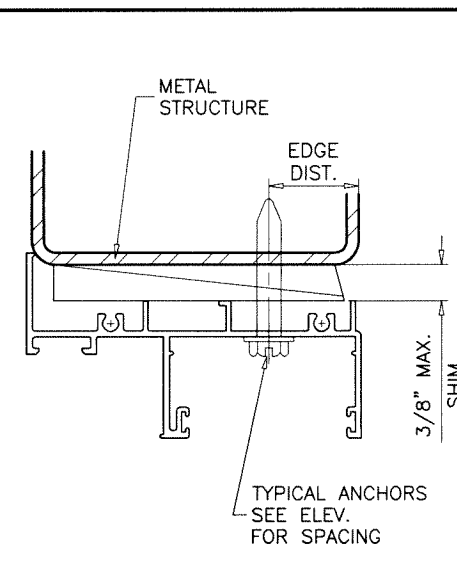
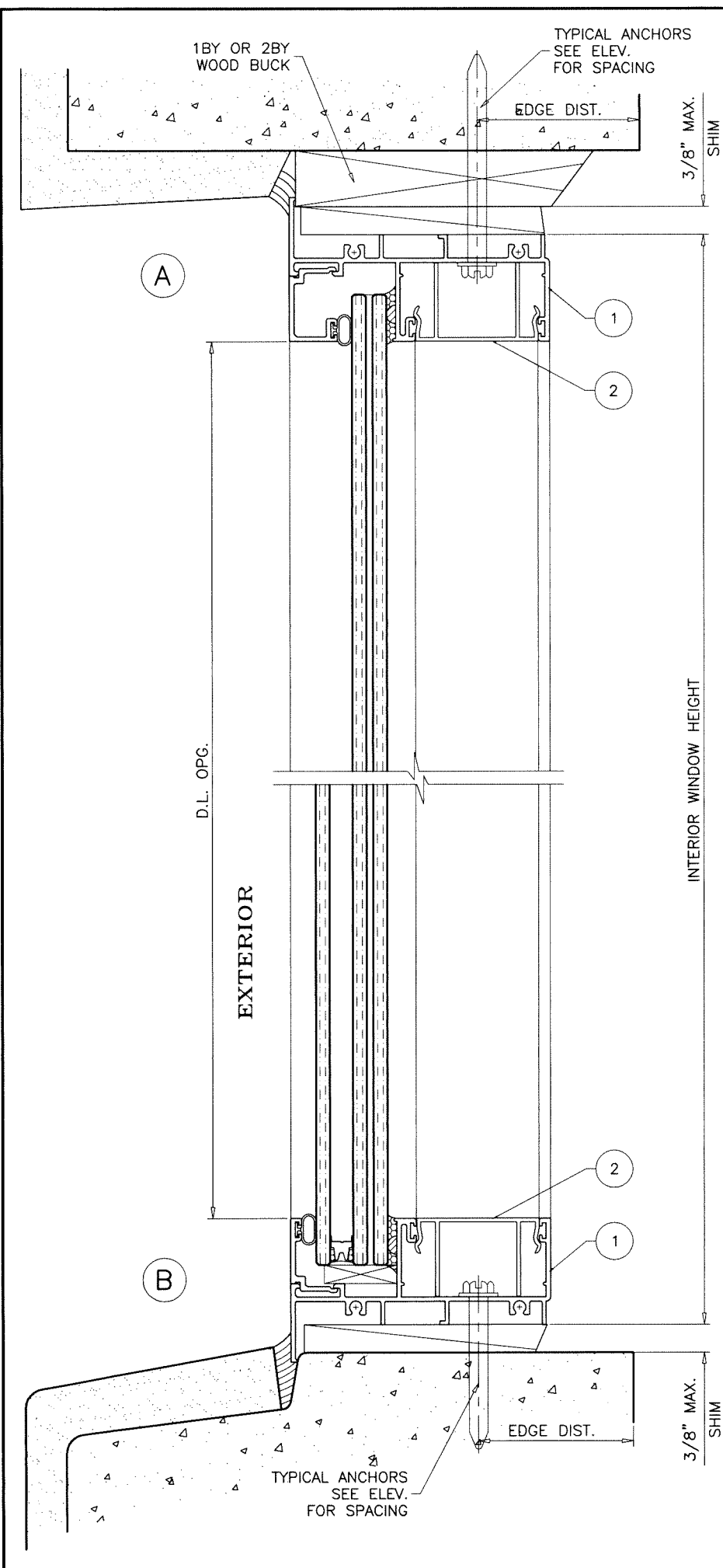
dr. by: TARIQ

chk. by:

drawing no.

19-81F

sheet 2 of 6



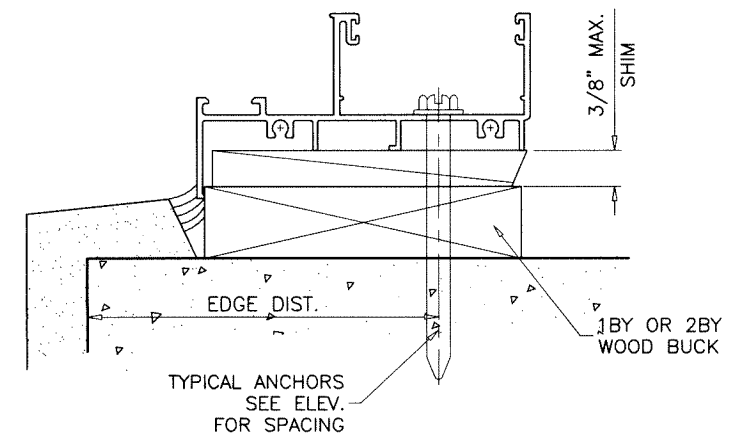
WOOD BUCKS AND METAL STRUCTURE NOT BY 'ALCON WINDOWS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 INTO 2BY WOOD STRUCTURES
 2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
 THRU 1BY OR 2BY WOOD BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
 DIRECTLY INTO CONCRETE OR BLOCKS
 2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 2" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

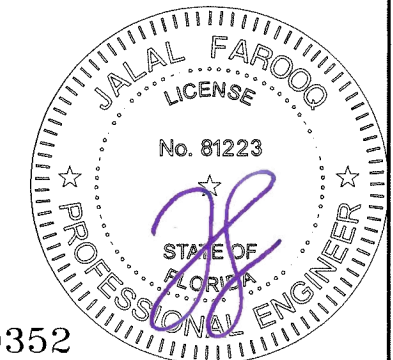
1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)
 OR
 INTO F.B.C. APPROVED MULLIONS
 OR
 INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



Sealed: 9/20/2023



FL #30352

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL \ 19-81F-AWC

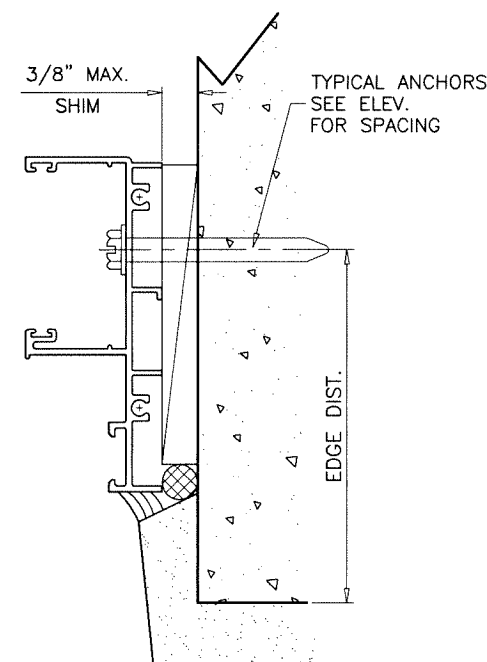
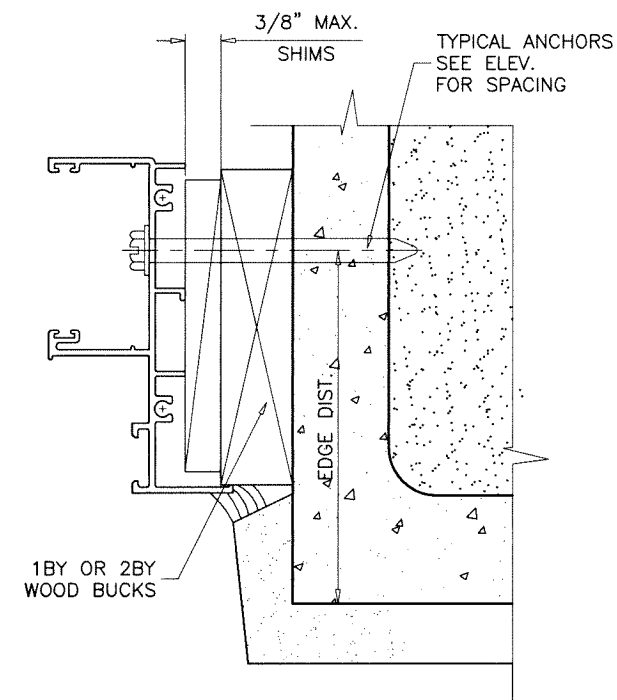
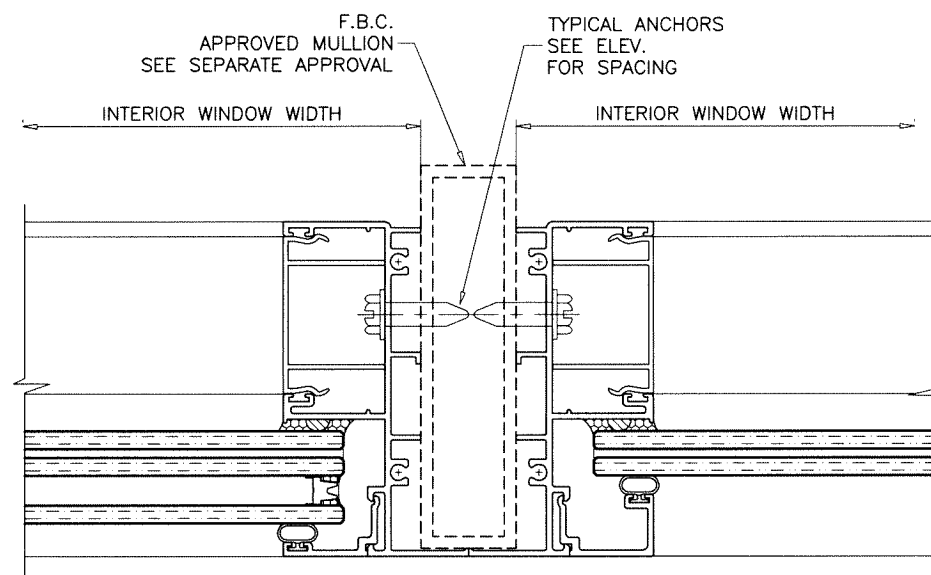
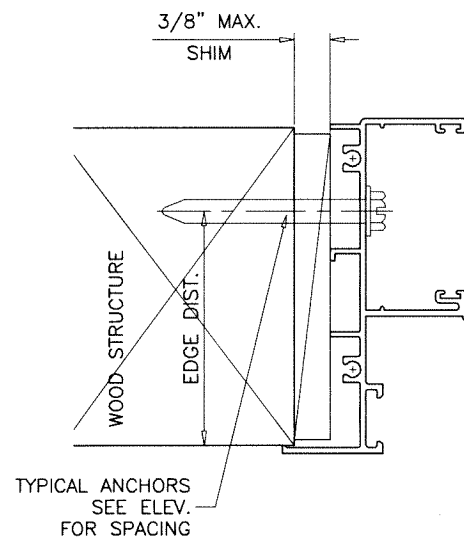
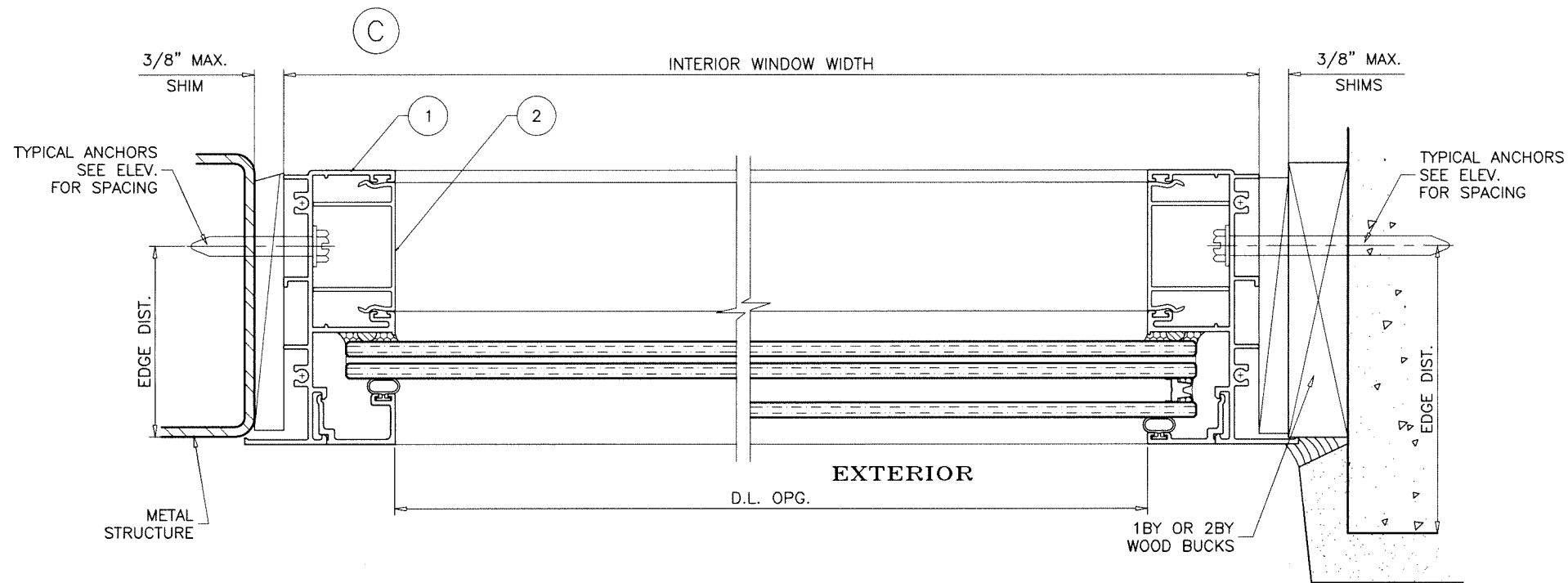
SERIES-100FW ALUMINUM FIXED WDW. (S.M.I.)

Alcon Windows And Doors Corp.
 7240 N.W. 46th Street
 Miami, FL. 33166
 Tel. (305) 553-0229 Fax. (786) 363-8141

19-81F

revisions:	no	date	by	description

date: 07-25-19	scale: 1/2" = 1"	dr. by: TARIQ	chk. by:	drawing no.
				19-81F
				sheet 4 of 6



FLUSH FRAME WITH
TRIMMED EXTERIOR FLANGE
HEAD/SILL/JAMB

Sealed: 9/20/2023

FL #30352



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\19-81F-AWC

SERIES-100FW ALUMINUM FIXED WDW. (S.M.I.)

Alcon Windows And Doors Corp.
7240 N.W. 46th Street
Miami, FL. 33166
Tel. (305) 553-0229 Fax. (786) 363-8141

19-81F

revisions:	
no	date by description

date: 07-25-19

scale: 1/2" = 1"

dr. by: TARIQ

chk. by:

drawing no.

19-81F

sheet 5 of 6

