

SECTION 08800 - GLASS AND GLAZING

1. GENERAL:

- A. THIS SECTION COVERS FURNISHING OF ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND PERFORMING ALL WORK AND SERVICES FOR ALL GLASS AND GLAZING AND STOREFRONT AS SHOWN ON THE DRAWINGS AND AS SPECIFIED, IN ACCORDANCE WITH PROVISIONS OF THE CONTRACT DOCUMENTS, AND COMPLETELY COORDINATED WITH WORK OF ALL OTHER TRADES.
- B. ALTHOUGH SUCH WORK IS NOT SPECIFICALLY INDICATED, FURNISH AND INSTALL ALL SUPPLEMENTARY OR MISCELLANEOUS ITEMS, APPURTENANCES AND DEVICES INCIDENTAL TO OR NECESSARY FOR A SOUND, SECURE AND COMPLETE INSTALLATION.

2. JOB CONDITIONS:

- A. EXAMINE FRAMING OR GLAZING CHANNEL SURFACES, BACKING, STOP DESIGN, AND CONDITIONS UNDER WHICH GLAZING IS TO BE PERFORMED. DO NOT PROCEED UNTIL CONDITIONS ARE CORRECT.
- B. DO NOT PROCEED WITH INSTALLATION OF SEALANTS OR GLAZING UNDER ADVERSE WEATHER CONDITIONS, OR WHEN TEMPERATURES ARE BELOW OR ABOVE MANUFACTURER'S RECOMMENDED LIMITATIONS FOR INSTALLATION.

3. MATERIALS:

- A. LABELS: GLASS SHALL BE DELIVERED WITH ORIGINAL MANUFACTURER'S TRADE AND GRADE MARKS. LABELS SHALL REMAIN ON GLASS AND SHALL BE VISIBLE AT FINAL INSPECTION.
- B. ALL PLATE GLASS ON INTERIOR OF BUILDING SHALL BE 1/4" CLEAR FLOAT GLASS UNLESS MARKED OTHERWISE. WHERE SAFETY GLASS IS SHOWN OR REQUIRED BY CODE USE 1/4" CLEAR SAFETY TEMPERED GLASS. ALL SAFETY GLASS SHALL BE IDENTIFIED AS SUCH BY A PLAINLY VISIBLE ETCHED OR OTHER PERMANENTLY AFFIXED LABEL. ALL GLAZING WITHIN 4'-0" OF DOORING OPENINGS TO BE TEMPERED SAFETY GLASS.
- C. INSULATING GLASS FOR EXTERIOR WINDOWS IS SPECIFIED IN SECTION "ALUMINUM SLIDING WINDOWS".
- D. HURRICANE RESISTANT GLASS AT EXTERIOR HOLLOW METAL DOOR FRAMES AND DOOR ASSEMBLIES SHALL BE STORMGLASS (TRADEMARK) BY OLDCASTLE GLASS AND BE COMPRISED OF 1/4" HEAT-STRENGTHENED GLASS, 0.075" STORM GLASS INTERLAYER, 1/4" HEAT-STRENGTHENED GLASS AND MEET THE REQUIREMENTS OF CPSC 16 CFR CAT II, ANSI Z 97.1, ASTM F1233 CLASS I AND UL 972. GLASS SHALL BE PERMANENTLY MARKED WITH MANUFACTURER'S LOGO. GLAZING TO BE TEMPERED WHERE GLAZING OPENINGS ARE CLOSER THAN 4'-0" FROM DOOR OPENING.

4. INSTALLATION:

WEST NAVARRE INTERMEDIATE SCHOOL
5 CLASSROOM ADDITION

- A. GLASS SHALL BE INSTALLED BY MECHANICS SKILLED IN THIS TRADE.
- B. DO NOT INSTALL GLASS WITH EDGE DAMAGE.
- C. COMPLY WITH COMBINED RECOMMENDATION OF MATERIAL MANUFACTURERS, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED.
- D. AS A MINIMUM, COMPLY WITH FGJA GLAZING MANUAL.
- E. DO NOT ATTEMPT TO CUT TEMPERED, HEAT-STRENGTHENED, OR COATED GLASS.
- F. CLEAN CHANNEL OR FRAMING MEMBERS TO RECEIVE GLASS. REMOVE COATINGS WHICH ARE NOT FIRMLY BONDED TO SUBSTRATE.
- G. MAINTAIN GLASS REASONABLY CLEAN DURING CONSTRUCTION, SO THAT IT WILL NOT BE DAMAGED BY CORROSIVE ACTION AND WILL NOT CONTRIBUTE TO DETERIORATION OF OTHER MATERIALS.
- H. WASH AND POLISH GLASS ON BOTH FACES NOT MORE THAN FOUR (4) DAYS PRIOR TO OWNER'S ACCEPTANCE OF THE WORK IN EACH AREA. COMPLY WITH GLASS MANUFACTURER'S RECOMMENDATIONS.

END OF SECTION