**SECTION A-3**  
1/4 FULL SCALE

**SECTION B-3**  
1/4 FULL SCALE

**SECTION C-3**  
1/4 FULL SCALE

**SECTION D-3**  
1/4 FULL SCALE

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**INSTALLATION OF AUX. RAILS ON SYL. 2 GLASS RAIL**

1. **ARCH'T / CONTR./ OWNER NOTE:**
   - ROLL DISTORTION EXISTS IN ALL TEMPERED GLASS PRODUCTS. SOME BENT CONFIGURATIONS MAY EVEN EXAGGERATE DISTORTION. UNDER CERTAIN LIGHTING CONDITIONS, TEMPERED GLASS MAY EXHIBIT A "STRAIN PATTERN" OR INDEEDNESS THAT IS NORMALLY NOT VISIBLE. THIS IS, HOWEVER, A CHARACTERISTIC OF THE MANUFACTURING PROCESS AND IS NOT A DEFECT. REF: "ASTM" INTER'L CONSENSUS DOCUMENT "C 1048"

2. INSTALL HANDRAIL SYSTEM FOLLOWING GLASS RAIL INSTALLATION INSTRUCTIONS, BUT STOP PRIOR TO POURING AND ANCHORING CEMENT (POR-ROK).

3. INSTALL ALL AUX. RAIL BRACKETS AT THE LOCATION SHOWN ON OUR SHOP DRAWINGS. PLEASE NOTE THAT WE DO NOT DRILL AND TAP THE AUX RAIL, AS IT WOULD CREATE A ZERO TOLERANCE CONDITION.

4. DRILL BITS AND TAPS ARE TO BE FURNISHED BY THE ERECTOR. USE 8-32 SCREWS.

5. AFTER COMPLETING ALL INSTALLATION OF MATERIALS AND THE GENERAL CONTRACTOR HAS APPROVED ALL SPACINGS OF GLASS AND COMPONENTS, PROCEED WITH THE ANCHORING CEMENT.

6. IF YOU HAVE ANY QUESTIONS OR PROBLEMS REGARDING THESE INSTRUCTIONS, PLEASE CONTACT NEWMAN BROTHERS AS SOON AS POSSIBLE.

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**SECTION B-3**

1. **'1' Ø HOLE IN THE GLASS w/ CLR. PLASTIC BUSHING**

2. **CRL RSOB2134BS GLASS RAIL STANDOFF BASE AND CAP (4 PER LITE OF GLASS UNLESS NOTED OTHERWISE)**

3. **3/8-16 FASTENER DRILLED AND TAPPED TO STEEL TUBE (TYPICAL)**

**SECTION C-3**

1. **1 1/4" Ø HOLE IN THE GLASS w/ CLR. PLASTIC BUSHING**

2. **CRL RSOB2134BS GLASS RAIL STANDOFF BASE AND CAP (4 PER LITE OF GLASS UNLESS NOTED OTHERWISE)**

3. **3/8-16 FASTENER DRILLED AND TAPPED TO STEEL TUBE (TYPICAL)**

**SECTION D-3**

1. **2" X 12" STEEL TUBE MOUNTING SURFACE (BY OTHERS)**

2. **FINISHED FLOOR OR TREAD**

3. **5/8" GYPSUM WALL BOARD (VARIES SEE ELEVATIONS)**

**SECTION E-3**

1. **2" X 12" STEEL TUBE STRINGER**

2. **3" X 16" STEEL TUBE STRINGER**

3. **3/8" FASTENER DRILLED AND TAPPED TO STEEL TUBE (TYPICAL)**