

SUBSTITUTION REQUEST

All applications subject to compliance with current building, safety and fire code requirements.

To: Scott Starr

Project: Fruitvale Apartments

Section: 08 80 00 GLAZING

Description: 2.2 COMPONENTS

For your approval, we respectfully submit the following products to be added to the approved fire rated glazing and framing materials specified for this project:

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| <p><input checked="" type="checkbox"/> For 20 min. fire protective doors, we recommend SuperLite I.</p> <ul style="list-style-type: none"> • Low-cost, clear specialty tempered glazing. • Meets NFPA 252, CPSC Cat. II. <p>Now available with Starphire Ultra-Clear Glass by PPG.</p> <p><input checked="" type="checkbox"/> For 45 min. fire protective doors, sidelites and openings, we recommend SuperClear 45-HS and SuperClear 45-HS-LI (patent pending).</p> <ul style="list-style-type: none"> • Clear fire protective specialty glazing. • Meets the required hose stream test and the CPSC Cat. II. impact safety test. • Now available with low-iron. <p><input type="checkbox"/> For 20-45 min. fire protective doors, sidelites and openings with partial radiant heat protection, we recommend SuperLite I-XL.</p> <ul style="list-style-type: none"> • Low-cost, clear specialty tempered glazing. • Meets NFPA 252/257, CPSC Cat. II. • Needs AHJ approval for 45-60 min. applications because it is tested without hose stream. • This is a directional product. Please see SuperLite I-XL IGU for bi-directional make-ups. <p><input type="checkbox"/> For 45 min. fire protective doors, sidelites and openings, we recommend SuperLite II-XL 45.</p> <ul style="list-style-type: none"> • Clear fire resistive glazing that meets ASTM E-119, NFPA 251/252/257, UL 263, CPSC Cat. II. Now available with Starphire Ultra-Clear Glass by PPG. <p><input checked="" type="checkbox"/> For vision lites in 45-90 min. doors, we recommend SuperLite X-45/60/90.</p> <ul style="list-style-type: none"> • Most affordable, clear glazing for 45-90 min. doors glazed with a single lite up to <u>100 sq. in.</u> • Can be used in any listed vision lite frame. • Meets NFPA 252, CPSC Cat. I (Cat. II optional) | <p><input type="checkbox"/> For 60-120 min. fire resistive door and wall/window applications, we recommend SuperLite II-XL 60, 90 and 120.</p> <ul style="list-style-type: none"> • Clear fire resistive glazing that meets ASTM E-119, NFPA 251/252/257, UL 263, CPSC Cat. II. Now available with Starphire Ultra-Clear Glass by PPG. <p><input type="checkbox"/> For 60-120 min. fire resistive butt-glazed wall/window applications, we recommend SuperLite II-XLM or SuperLite II-XLB 60, 90 and 120.</p> <ul style="list-style-type: none"> • Clear fire resistive glazing that meets ASTM E-119, ANSI Z97.1, CPSC Cat. I and II. Now available with Starphire Ultra-Clear Glass by PPG. <p><input type="checkbox"/> For fire resistive security glazing up to 120 min., we recommend SuperSecure II-XLS.</p> <ul style="list-style-type: none"> • Clear fire resistive glazing that meets ASTM E-119, NFPA 251/252/257, UL 263. • Meets ASTM F-1915 Grades 1-4 and CDCR 860-14a for security. <p><input type="checkbox"/> For 20-45 min. framing/doors, we recommend GPX Builders Series Fire Protective.</p> <ul style="list-style-type: none"> • Fire protective doors that meets NFPA 252. • Fire protective framing that meets NFPA 257. Limited to 25% of the total wall area due to radiant heat concerns. <p><input type="checkbox"/> For 60-90 min. temperature rise doors, we recommend GPX Architectural Series or GPX Builders Series Temperature Rise.</p> <ul style="list-style-type: none"> • Temperature rise single and pair doors that meet ASTM E-119, which limits the temperature rise to 250° F above ambient on the non-fire side. • Meets NFPA 252. <p><input type="checkbox"/> For 45-120 min. fire resistive framing, we recommend GPX Architectural Series.</p> <ul style="list-style-type: none"> • Clear fire resistive transparent wall/window assemblies tested to ASTM E-119. <p><input type="checkbox"/> For 60-120 min. fire resistive floors, we recommend GPX FireFloor (patented).</p> |
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FOR A/E USE:

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| <input checked="" type="checkbox"/> Substitution is approved. | <input type="checkbox"/> Have your rep contact me. | <input type="checkbox"/> Send info on your AIA program. |
| <input type="checkbox"/> Forward substitution to GC. | <input type="checkbox"/> Other: _____ | |

Completed by: Tim Quinn - SMR Architects

Signature: 

Date: 7/12/22