

**Interdisciplinary Science Building
Webster University
Cannon Design Project No. 004561.01**

Project: Webster ISB Substitution Request Number: 19
From: DOUG MAYHEW
To: KELVIN PATEL Date: 05/13/16
Re: _____ Contract For: _____

Specification Title: Acoustical Panel Ceilings Description: _____
Section: 095113 Page: A0701.B Article/Paragraph: CEILING LEGEND

Proposed Substitution: CERTAINEED IN LIEU OF ARMSTRONG (SEE ATTACHED SPREADSHEET)

Trade Name: _____

Model No.: SEE ATTACHED SPREADSHEET, SAMPLES TO BE MAILED

Manufacturer: CERTAINEED

Address: _____

Phone: 800-233-8990 Manufacturer Web Page: http://www.certainteed.com/ceilings

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

Savings to Owner for accepting substitution: _____ (\$ _____)

Proposed substitution changes Contract Time: ☒ No ☐ Yes [Add] [Deduct] _____ days.

The Undersigned Bidding General Contractor/Construction Manager Certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified products.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

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- The following supporting data is attached to this request and verifies the above statements:

- ☐ Drawings
- ☐ Product Data
- ☒ Samples
- ☐ Tests
- ☐ Reports
- ☐ Other (explain) _____

Submitted by: DOUG MAYHEW

Signed by: _____

Contractor: PARIC

Address: 77 WESTPORT PLAZA, SUITE 250

DDMayhew@paric.com

Phone: 636-561-9586 : Email

Review and Action

- ☐ Substitution approved – Make submittals in accordance with the Specifications.
- ☐ Substitution approved as noted – Make submittals in accordance with the Specifications.
- ☒ Substitution rejected – Use specified materials.
- ☐ Substitution received too late – Use specified materials.

Comments: Most of the ceiling tiles are acceptable, provided some additional verification
& information.

Main difference is with the grid for APC-2,7,8,9 - 1/8" Bolt slot required.

See table markups for more detailed comments.

Signed by: Lynn Grossman & Kelvin Patel Date: 05/20/2016

Appearance
OK.

2x2 Required

Reference	Manufacturer	Style Name	Style Number	Size	Edge	Suspension	NRC	CAC	LR
APC-1	Armstrong	Optima	3251	2x2	Tegular	9/16"	95	0	0.90
Quoted Equal	CertainTeed	Symphony F	1342F-IOF-1	2x4	Tegular	9/16"	95	24	0.90
APC-2	Armstrong	Ultima	1915	2x4	Tegular	9/16"	70	35	0.90
Quoted Equal	CertainTeed	Symphony M	1220BF-IOF-1	2x4	Tegular	9/16"	70	35	0.90
APC-3A	Armstrong	Ultima Health Zone	1935	2x2	Tegular	9/16"	70	35	0.86
Quoted Equal	CertainTeed	RX Symphony M	1222F-RXS-1	2x2	Tegular	9/16"	70	35	0.90
APC-3B	Armstrong	Ultima Health Zone	1936	2x2	Square	9/16"	70	35	0.86
Quoted Equal	CertainTeed	RX Symphony M	1222-RXS-1	2x2	Square	9/16"	70	35	0.90
APC-5	Armstrong	Fine Fissured	1728	2x2	Square	15/16"	55	33	0.85
Quoted Equal	CertainTeed	Fine Fissured	HHF157	2x2	Square	15/16"	60	33	0.84
APC-7	Armstrong	Ultima	1915	2x4	Tegular	9/16"	70	35	0.90
Quoted Equal	CertainTeed	Symphony M	1220F-IOF-1	2x4	Tegular	9/16"	70	35	0.90
APC-8	Armstrong	Optima	3261	2x6	Tegular	9/16"	95	0	0.90
Quoted Equal	CertainTeed	Ecophon Gedina E	3540 4353	2x6	Tegular	9/16"	90	21	0.84
APC-9	Armstrong	Ultima	1915	2x4	Tegular	9/16"	70	35	0.90
Quoted Equal	CertainTeed	Symphony M	1220F-IOF-1	2x4	Tegular	9/16"	70	35	0.90

APC-1: Ceiling Tile appearance acceptable, but 2'x2' size required. Grid acceptable.

APC-2: Ceiling Tile acceptable. Grid rejected - 1/8" Bolt slot required.

APC-3A: Ceiling Tile acceptable. Grid acceptable.

APC-3B: Ceiling Tile acceptable. Grid acceptable.

APC-5: Ceiling Tile acceptable. Grid acceptable.

APC-7: Ceiling Tile acceptable. Grid rejected - 1/8" Bolt slot required.

APC-8: Ceiling Tile appearance, size, & NRC acceptable; Thickness is 9/16" vs. 1" specified - provide data confirming equivalent sag resistance. Grid rejected - 1/8" Bolt slot required.

APC-9: Ceiling Tile appearance acceptable; Verify that acoustical backing & hangers per specification will be provided. Grid rejected - 1/8" Bolt slot required.

APC-2,7,8,9 :
Grid rejected.
1/8" Bolt slot required.

APC-9:
Verify that acoustical
backing & hangers per
specification will be
provided.