

ADDENDUM I (NON-DSA APPROVAL)

HAMMEL, GREEN AND ABRAHAMSON, INC., ARCHITECTS & ENGINEERS

1918 Main Street, Third Floor
Santa Monica, CA 90405

PROJECT: **Santa Ana College**
 Science Center

DATE: 9/22/2017

OWNER: **RSCCD**
 2323 N. Broadway, Suite 112
 Santa Ana, CA 92706

DSA File No.: 30-C2
DSA Applications No.: 04-115788
HGA Commission No.: 3584-001-00

CONSTRUCTION MANAGER:

BERNARDS
3633 E. Inland Empire Blvd., Suite 800
Ontario, CA 91764

The additions, revisions, omissions, corrections and clarifications contained herein shall be made to drawings and specifications for the project and shall be included in scope of work and bids to be submitted. Additionally, reference documents, such as as-built documentation of existing buildings, are provided to further quantify the scope of work. References made below to specifications, drawings, and other documents shall be used as a general guide only. Bidders and Contractors shall determine for themselves the work affected by Addendum items.

RFP

None

SPECIFICATIONS

None

DRAWINGS

None

DRAWINGS (FOR REFERENCE ONLY)

Item AD-J-1 – Furniture and Equipment Plans – for reference and coordination only.

RESPONSES TO PRE-BID CLARIFICATION (“PBC”)

Item AD-J-2 – Response to the following PBCs:

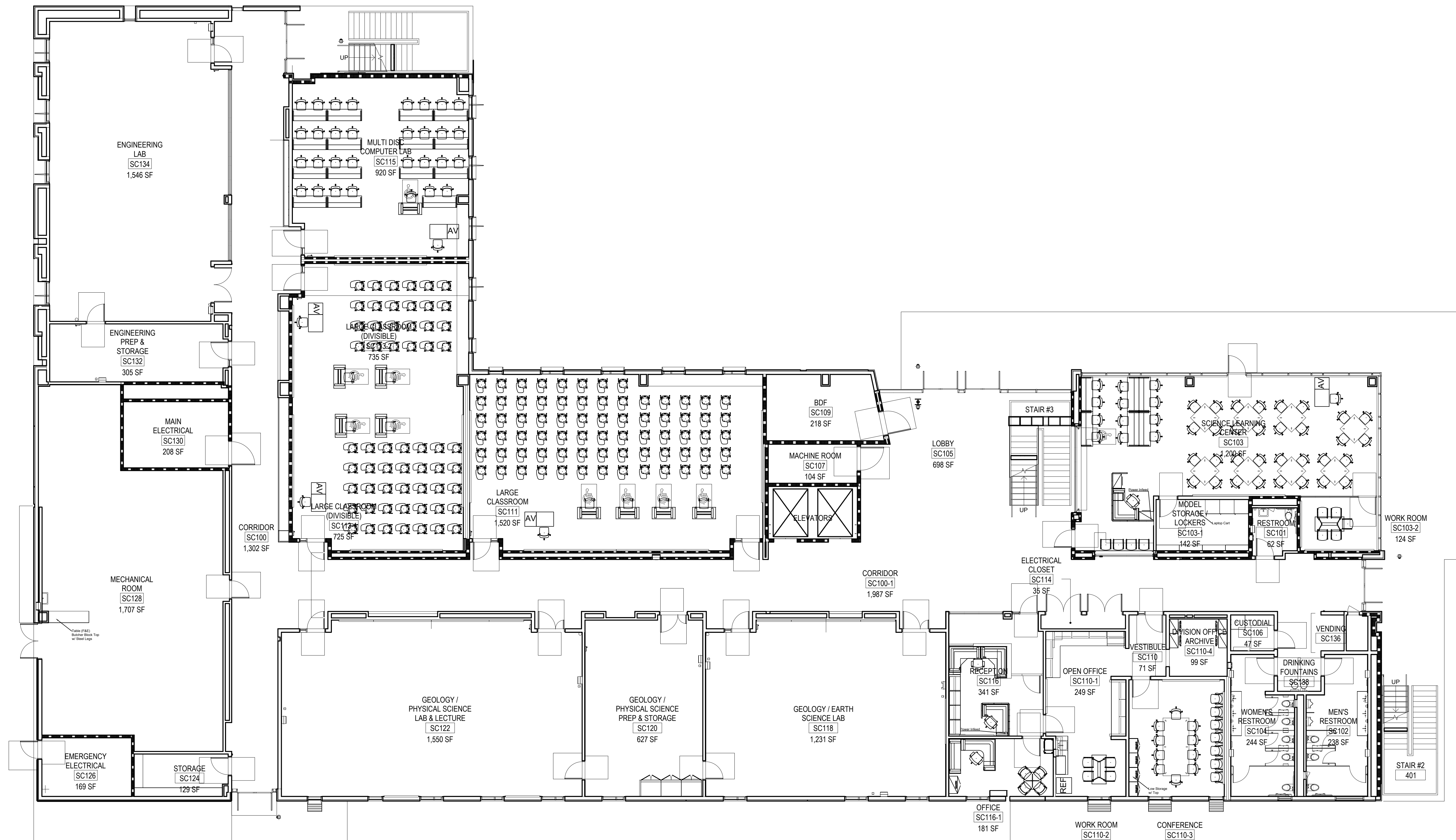
- PBC 74
- PBC 84
- PBC 107
- PBC 118
- PBC 132
- PBC 141
- PBC 144
- PBC 156 through PBC 225
- PBC 227 through PBC 232
- PBC 234
- PBC 235

Attachments:

AD-J-1 (3 sheets)

AD-J-2 (90 sheets)

END OF ADDENDUM J



LEVEL 1

1	REVISION	9.19.17
No.	Revision/Issue	Date

Firm Name and Address
Dovetail DCI
 237 Crescent Road, Ste 4
 San Anselmo, CA 94960

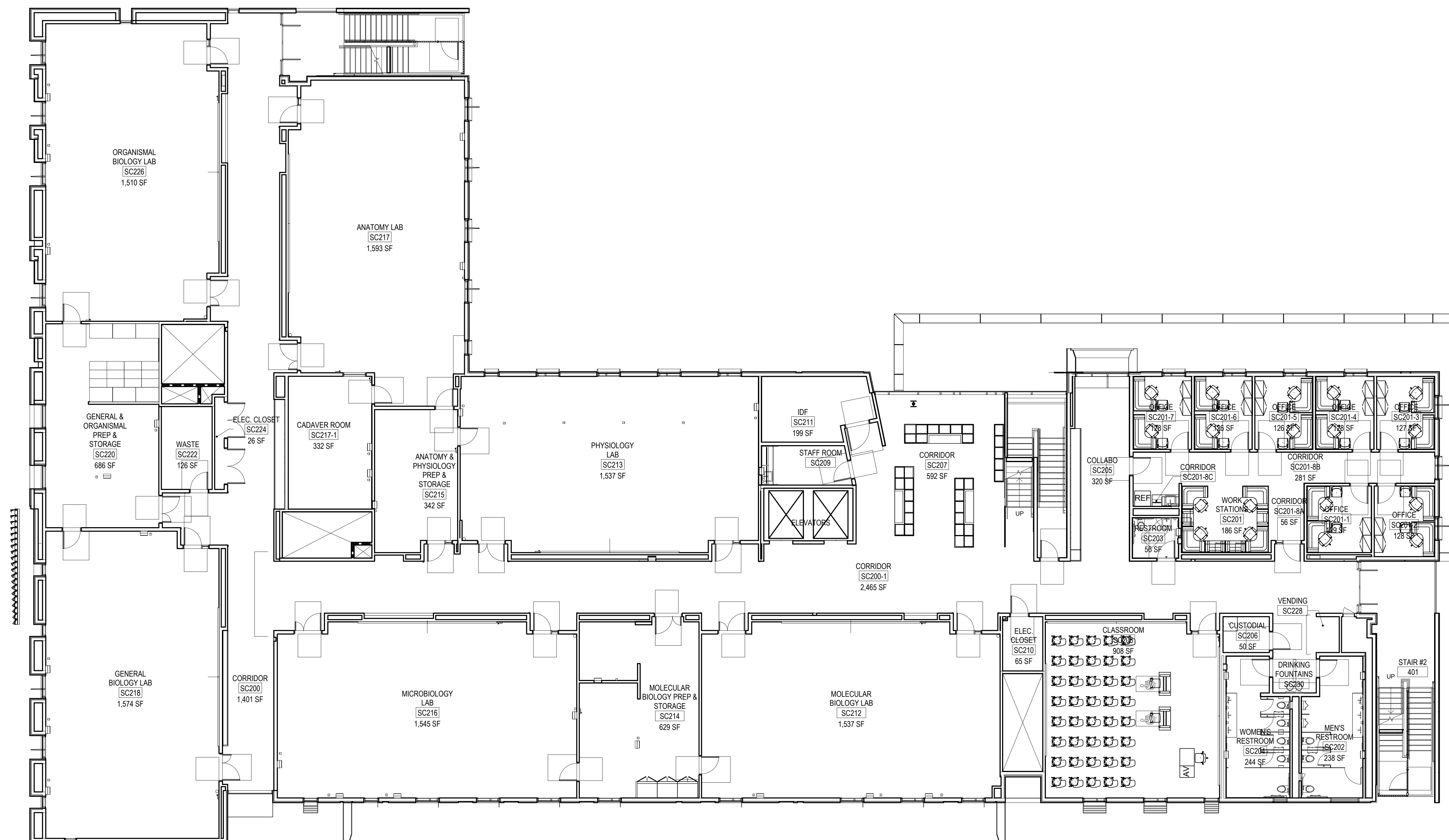
 Thinking That Moves Business Forward

Project Name and Address
Santa Ana College
 Science Center
 1530 West 17th Street
 Santa Ana, CA 92706

Project Science Building	Sheet AD-J-1
Date 08.21.17	1 of 3
Scale	

General Notes

...\\OneDrive\BDC\BSCCD\RSCCD_Logo_A_Print_Media.jpg



LEVEL 2

No.	Revision/Issue	Date

Firm Name and Address

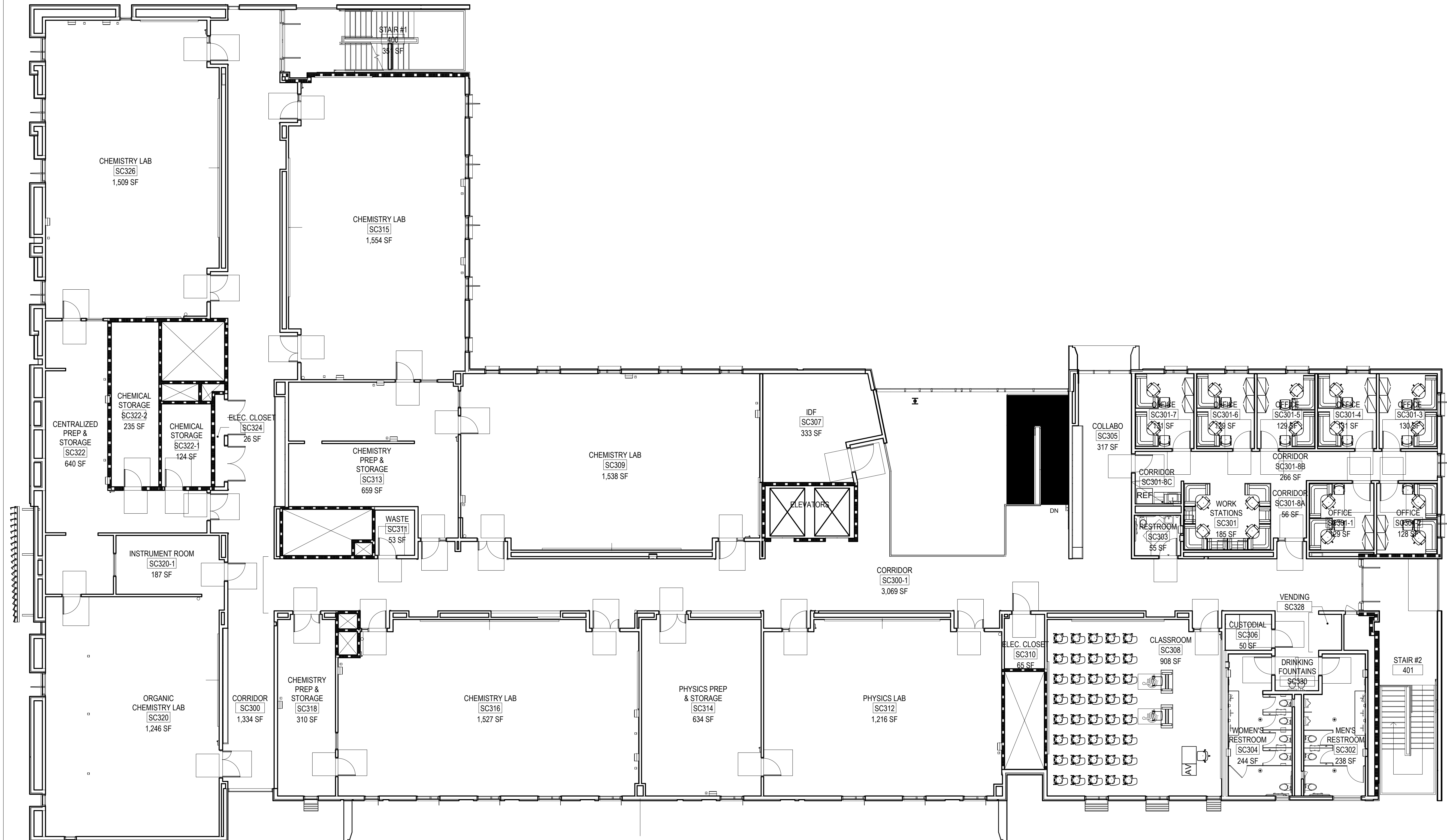
Dovetail DCI
 237 Crescent Road, Ste 4
 San Anselmo, CA 94960

...\\OneDrive\BDC\dovetail_logo_RGB_tagline.jpg

Project Name and Address

Santa Ana College
 Science Center
 1530 West 17th Street
 Santa Ana, CA 92706

Project Overall Floor Plan	Sheet AD-J-1
Date 08.22.17	2 of 3
Scale	



LEVEL 3

No.	Revision/Issue	Date

Firm Name and Address
Dovetail DCI
 237 Crescent Road, Ste 4
 San Anselmo, CA 94960

Project Name and Address
Santa Ana College
 Science Center
 1530 West 17th Street
 Santa Ana, CA 92706

Project Overall Floor Plan	Sheet AD-J-1
Date 08.22.17	3 of 3
Scale	

Attachment 4

**PRE-BID CLARIFICATION (“PBC”) FORM
(ALL questions to be submitted on this form ONLY)**

PBC # 74
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	August 29, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com

SPECIFICATION NUMBER:	211313, page 3	DRAWING NUMBER:	
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REQUESTED CLARIFICATION:

Confirm that all fees have been paid for by the Owner & permits have been obtained, and that this paragraph does not apply to this project.

RESPONSE TO CLARIFICATION, **SUBMITTED AS PART OF AN ADDENDUM:**

All DSA related permits and fees are to be paid by the District. Any other inspections, permits or business related fees required by local agencies and/or jurisdictions are to be covered by the Contractor.

RESPONSE PROVIDED BY:	Yogesh Kalantre	DATE:	9/22/2017
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

84

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	August 29, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	220000	DRAWING NUMBER:	P2.03; SN # 11

REQUESTED CLARIFICATION:

The Electronic Trap Primers (TP-2) are not shown on the E-drawings. Provide the conduit size, wire size & quantity, and circuit connection callout to the Panelboard, noting that there are 8 TP-2 callouts on this sheet.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Refer to PBC 44 Response.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **107**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	August 29, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	280000	DRAWING NUMBER:	SE4.04; Detail C

REQUESTED CLARIFICATION:

Provide a detail showing the in-ground concrete footing dimensions, psi rating, and the rebar size & spacing (if any).

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Refer to updated detail in forthcoming Addendum #3.

RESPONSE PROVIDED BY:	Michael Niola/ Guidepost	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

118

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	August 29, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	329700	DRAWING NUMBER:	page 2; par. 2.1-B

REQUESTED CLARIFICATION:

These paragraphs mention an "agronomic soils report prepared by Wallace Labs, dated 6/16/2011". Confirm that this is not required for this project as it was not issued as part of the Bid Docs.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

There is no agronomic soils report prepared by Wallace Labs dated 6/6/2011. This item shall be deleted from the specification and replaced with "Refer to Planting Specification 329000 section 1.3.B.2.G for Site Soil Quality information."

RESPONSE PROVIDED BY:	Anna ILao, LCI	DATE:	9/22/2017
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

132

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	August 29, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	33000	DRAWING NUMBER:	A062; Detail 1

REQUESTED CLARIFICATION:

The area within the CMU walls & the area Greenhouse walls are labeled as "Concrete Slab", however these sheets do not identify this info for the concrete slab thickness, base type & thickness (if any), rebar size & spacing (if any), slab finish type, CJ & EJ info, etc.: 1/A062, A/S2.61, C1.60 nor L1.01.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Concrete slab to be 5" thick concrete slab with #4 @ 12" O.C. rebar each way. Refer to updates in forthcoming Addendum 3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

141

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	August 29, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A204

REQUESTED CLARIFICATION:

Note B does not list the minimum roof insulation thickness, confirm that this should be 3-inches.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Per specs section 075400 Thermoplastic Membrane Roofing, roof insulation to be 3 inches thick minimum. Roof insulation for <MBR-1> Modified Bitumen Roof type to be R-30 and 6" min thickness average.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attachment 4

PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)

PBC # **144**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	8/31/17		
FROM:	GLENN ROBINSON	EMAIL:	GROBINSON@PACBELL.com
SPECIFICATION NUMBER:	042000	DRAWING NUMBER:	A011

REQUESTED CLARIFICATION:

CMU Block Types CMU-11 & CMU-12
 How DO WALLS CAP?
 See A060 - A067

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

4"x8"x16" cap for CMU-11.
 4"x12"x16" cap for CMU-12.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

156

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	330000	DRAWING NUMBER:	C1.50

REQUESTED CLARIFICATION:

Provide the Basis-of-Bid Fire Hydrant mfr. & model as this is not listed in Section 331100 nor at Detail 5/C5.01.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Utility Plan construction notes clarified in with fire hydrant manufacturer and model in forthcoming addenda civil plans.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

157

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	220000	DRAWING NUMBER:	P0.02

REQUESTED CLARIFICATION:

S-1 Sink calls for a Garbage Disposal. Provide the mfr. & model for the GD, noting that the specifications do not identify this item either.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Garbage disposer - InsinkeratorBadger 5 (1/2 HP, 120V, 1 PH)

RESPONSE PROVIDED BY:	Richard Cruz	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

158

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	220000	DRAWING NUMBER:	P0.02

REQUESTED CLARIFICATION:

DF-1 Drinking Fountain is called out on the drawings as "EWC-1" instead, please revise.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

P0.02 will be updated to relabel "DF-1" to "EWC-1".

RESPONSE PROVIDED BY:	Richard Cruz	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

159

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	220000	DRAWING NUMBER:	P2.02

REQUESTED CLARIFICATION:

The Electronic Trap Primers (TP-2) are not shown on the E-drawings. Provide the conduit size, wire size & quantity, and circuit connection callout to the Panelboard, noting that there are 8 TP-2 callouts on this sheet.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

See forthcoming Addendum #3 for trap primer circuit requirements. Trap primers occur on all three floors.

RESPONSE PROVIDED BY:	RR	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

160

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	210000	DRAWING NUMBER:	FP-001

REQUESTED CLARIFICATION:

Note 43 mentions ".....performed on November 14, 2014 by Sequoia Union High School District,....." Revise for this specific project, noting that FP-100 at the right side shows the Flow Data dated 9-2-2016 for Santa Ana College instead.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Note 43 on sheet FP-001 is incorrect. The flow data on sheet FP-100 is correct. The note has been revised and will be issued with Addendum #3.

RESPONSE PROVIDED BY:	Michael Lee/ Jensen Hughes	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

161

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A063

REQUESTED CLARIFICATION:

Provide a detail of the typical Fencing Panel showing the various necessary items to base a bid upon.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Refer to detail 7, 8/A067 in forthcoming Addendum 3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

162

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A221

REQUESTED CLARIFICATION:

At the 4 building entries, there is a callout for "CPT-50" which per A011 is Tandus Geo Tile which is 1/4" pile height. Also, "TER-3" is at the Main Lobby SC105, and per Section 096623 par. 1.2-A the Terrazzo is 3/8" minimum. Note that S2.01 calls for all of those slab areas to be depressed 1/2". Confirm that the 1/4" carpet and the 3/8" Terrazzo is correct for the 1/2" depressed slab areas.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Confirmed. Provide 3/16" leveling substrate under <CPT-50>. Refer to revised detail 5/A431 in forthcoming Addendum #3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

163

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	14200, page 2, par. 1.7	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Confirm that this 3-years of additional maintenance is not to be included in the Base Bid.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Paragraph removed. Refer to forthcoming Addendum #3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

164

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A062

REQUESTED CLARIFICATION:

At the low-left of the Greenhouse is a callout reference to Detail 13/A064 which does not exist.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Callout has been removed. Refer to PBC 68 Response for Non-DSA approved basis of design greenhouse details.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

165

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A090

REQUESTED CLARIFICATION:

These rooms have a callout for "AWT-X" which does not appear on Sheet A011 Materials ID Codes. Possibly this should be "AWP-X" instead.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Confirmed. Please refer to forthcoming Addendum 3 for updates.

RESPONSE PROVIDED BY:	Stacy Kwok	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

166

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A400

REQUESTED CLARIFICATION:

At Grid 4, the reference callout is listed as "-/A403". Provide the detail on A403 that this is to refer to.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Refer to detail 1/A403. Updates will be in forthcoming Addendum #3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

167

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	92900	DRAWING NUMBER:	A450

REQUESTED CLARIFICATION:

Exterior Walls Type MP2 & MS2 are only shown up on these details in an electronic search. Confirm that MP2 7 MS2 walls are to be excluded since these callouts does not appear on the plans or sections.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

MP2 and MS2 wall types are not in project. Refer to updates in forthcoming Addendum 3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

168

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	72100	DRAWING NUMBER:	A011

REQUESTED CLARIFICATION:

INSUL-5 is called out only on A011, but does not appear in Section 072100 Thermal Insulation.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Refer to PBC 135 response.

RESPONSE PROVIDED BY:	Stacy Kwok/HGA	DATE:	9/22/17
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**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

169

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	75400	DRAWING NUMBER:	A204

REQUESTED CLARIFICATION:

The callout for the lower roof on this sheet is "TPO-1", however on Sheet A202 that same roof area is called out by Keynote 8 which is "<SPA-1>", and further on Enlarged Detail 1/A205 that roof area is called out as "Single Ply Roof <SPA-1>". TPO-1 is defined on A011 Materials ID Codes and in Section 075400 par. 1.3-A, whereas SPA-1 is defined on Detail 2/A481 and not within the Spec Books. Please review & correct as necessary.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

SPA-1 (Single Ply Adhered Roof type) refers to the whole roof assembly while TPO-1 (Thermoplastic Membrane Roofing) is a material. Roof types are not defined in the specs.

RESPONSE PROVIDED BY:	Stacy Kwok/HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

170

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A205

REQUESTED CLARIFICATION:

The South Canopy calls for a "Stainless Steel Gutter, typ." at this Composite Metal Panel <MP-1> roof area. However, Section Detail 1/A435 for this South Canopy shows what appears to be a detail similar to Detail 1/A431 which happens to call for a "12 ga. Stainless Steel Gutter" AND a callout for "EPDM Membrane Gutter Lining", so confirm which material callout supersedes the other. Further, Detail 1/A435 refers to Detail 1/A444 which calls that Gutter as "EPDM Gutter Liner - Seal with <MB-1> into Cornice Drain". Confirm that Detail 1/A444 supersedes the callout for "stainless steel gutters" at this South Canopy roof area. Provide direction to the bidders for basis-of-bid system for each canopy area. Note that Details 1,2,3/A445 for the Alternate also calls for both the EPDM Membrane Gutter Liner and the 12 ga. Stainless Steel Gutter, however confirm that Detail 1/A444 is the preferred installation method at these locations.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Refer to modified detail 1/A444 and added detail 6/A444 for more information. Reference removed from detail 1/A435. Refer to forthcoming updates in Addendum 3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
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PBC #
(RSCCD USE ONLY):

171

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PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A481

REQUESTED CLARIFICATION:

Confirm that the "Ballast where reqd by Roof Type" is to be excluded, since the Roofing Specifications do not call for ballast.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Confirmed. Detail not applicable and will be removed in Addendum #3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
-----------------------	-----------------	-------	---------

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

172

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A620 thru A622

REQUESTED CLARIFICATION:

The Toilet Room Countertops need a callout reference to a detail & Material ID Code callouts.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Refer to detail 7/A680. Refer to updates in forthcoming Addendum 3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

173

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	GS.11/GS.12

REQUESTED CLARIFICATION:

Some of the notes mention that the Signage Contractor is to provide Structural Engineering Calculations, however this is a hard bid so the bidders need basis-of-bid information for the concrete footing such as dimensions, depth, rebar size & spacing (if any), and an internal structural support design.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Please reference sheet A065 for site signage anchorage details. Refer to revisions shown in upcoming Addendum #3 submittal.

RESPONSE PROVIDED BY:	Brad Donahue, Davies Associates	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **174**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	S3.02

REQUESTED CLARIFICATION:

Reference 2/S3.02. The detail contains a note which calls for "added bars (o) Type B=(6)-#8", with no call-out for "Type A" added bars. Please confirm that "Type A" piles do not have any added bars

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Confirmed.

RESPONSE PROVIDED BY:	Saif Haroon	DATE:	09/22/2017
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

175

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	142423	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Spec Section 1.2.B calls out for 5 stops however plans call for 3 stops only, please confirm both
elevator 1 and 2 are three stop elevators

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Confirmed. There are only 3 stops per elevator. Refer to updates in forthcoming Addendum 3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

176

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	142423	DRAWING NUMBER:	A520

REQUESTED CLARIFICATION:

Detail 1 on A520 calls out 15'-5"x 9'-1" clear hoistway dimension while A211 calls out a 15'-7" x 9'-3" clear hoistway dimension. Mitsubishi requires hoistway of 15'-6" x 9'-3" (including 6" divider beam), please confirm this hoistway dimension can be provided.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

15'-7" x 9'-4" clear hoistway dimension to be provided. Refer to updates in forthcoming Addendum 3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
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PBC #
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177

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	142423	DRAWING NUMBER:	A520

REQUESTED CLARIFICATION:

Sheet A520 show a service shaped elevator while specification section 1.3.B calls out the elevators to be passenger elevators. Please clarify

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

We are specifying the service-type elevator due to space constraints. Elevators for pedestrian use. Finishes per sheet A521.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

178

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	142423	DRAWING NUMBER:	A520

REQUESTED CLARIFICATION:

Detail 1 on sheet A520 call for two HOP's and specifications call for simple collective operation, only one HOP is needed per landing. Please confirm only one HOP is needed per landing

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

One HOP per landing is acceptable.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

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PBC #
(RSCCD USE ONLY):

179

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	142423	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Specification Section 2.5.E Calls out for backed enamel entrances; however Standard Mitsubishi specifications provide prime painted entrances. Please confirm car and entrances sill material and finishes

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Provide Stainless Steel Hairline finish at hoistway entrances.

Car finishes per A521.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
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(RSCCD USE ONLY):

180

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	33000	DRAWING NUMBER:	S0.11

REQUESTED CLARIFICATION:

Specification section 033000-2.6B calls for Fine Graded Granular material at least 3 inches thick for the Vapor Retarder, however the typical concrete slab on grade details on S0.11 call for 2" of sand. Please specify if 2" of sand is acceptable.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

As per the attached e-mail from the geotechnical engineer, 2" of sand is acceptable.

RESPONSE PROVIDED BY:	Saif Haroon	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Saif Haroon

From: Buhamdan, Fred <Fred.Hamdan@terracon.com>
Sent: Wednesday, September 13, 2017 6:00 PM
To: Saif Haroon; Morgan, Joshua R
Cc: 'KDonaghey@hga.com'; Stacy Kwok (SKwok@hga.com); Haseeb Tahir
Subject: RE: SAC-SC

Follow Up Flag: Follow up
Flag Status: Flagged

- Saif,
- The dimensions on the detail are correct but the wording is confusing. I would replace it with: *“The minimum depth of fill and over-excavation should be 5 feet below the existing grade, the depth of undocumented fill materials encountered during construction, or 3 feet below the bottom of the deepest foundation, whichever is greater.”*
 - I am ok with the 2” sand over 10 mil vapor barrier over compacted soils.
 - Assuming the exterior slab on grade is only supporting pedestrian and light traffic, then it can be supported on minimum 10 inches of scarified, moisture conditioned, and compacted soils.

Thanks

F. Fred Buhamdan, PE, PMP

Terracon 949.864.2070

From: Saif Haroon [mailto:SHaroon@saifulbouquet.com]
Sent: Wednesday, September 13, 2017 9:03 AM
To: Buhamdan, Fred <Fred.Hamdan@terracon.com>; Morgan, Joshua R <Josh.Morgan@terracon.com>
Cc: 'KDonaghey@hga.com' <KDonaghey@hga.com>; Stacy Kwok (SKwok@hga.com) <SKwok@hga.com>; Haseeb Tahir <Htahir@saifulbouquet.com>
Subject: SAC-SC
Importance: High

Fred/Josh,

Could you please clarify a few items:

1. Please see attached detail 1/S3.01. **Could you please review and confirm the soil removal and compaction requirements for the Science Center, Greenhouse and other minor structures?** I have also attached the foundation plan of the main building (S2.01) and Greenhouse/minor structures (S2.61).
2. Please see attached typical slab on grade detail 1/S0.11. The geotechnical report does not clarify the sub-base construction for the interior and exterior slab on grade. **Could you please review the slab on grade sub-grade construction? 2” of sand, 10 mil vapor barrier and compacted soil? Also, please provide the sub-grade construction requirements for the exterior slab on grade (generator yard).**

I would appreciate your prompt review and response. Thanks.

SAIF HAROON, PH.D., P.E.

Senior Project Engineer

Saiful Bouquet Structural Engineers

an MBE firm

155 N. Lake Ave, 6th Floor, Pasadena, CA 91101

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Private and confidential as detailed here (www.terracon.com/disclaimer). If you cannot access hyperlink, please e-mail sender.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

181

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A065

REQUESTED CLARIFICATION:

Provide the rebar size & spacing for the Generator Pad as shown at Detail 1/A065 noting that neither Detail 1/S0.11 nor Detail A/S2.61 nor Sheets C1.60 nor L1.01 provide this reinforcing steel information, or confirm that no rebar is required since none is shown. Also, confirm that since the answer requires that the bidders are to "refer to 1/S0.11 for typical slab on grade details." that the bidders are to provide 2" sand over 10 mil vapor barrier over soil as identified on Details 1C,1E/S0.11, however noting that this is an exterior slab that probably should be installed with 4" aggregate base below the concrete slab instead of sand, vapor barrier & soil that a typical interior slab would be designed for.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

1. A/S2.61 refers to 3/S0.11 for the equipment pad detail (on slab on grade). Rebars are shown in this detail.
2. As per the attached e-mail from the Geotechnical Engineer, the slab on grade supporting the equipment pad will require the same subgrade preparation as the foundations. Geotechnical Engineer to review and confirm.

RESPONSE PROVIDED BY:	Saif Haroon	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Saif Haroon

From: Buhamdan, Fred <Fred.Hamdan@terracon.com>
Sent: Thursday, September 14, 2017 8:15 AM
To: Saif Haroon; Morgan, Joshua R
Cc: 'KDonaghey@hga.com'; Stacy Kwok (SKwok@hga.com); Haseeb Tahir
Subject: RE: SAC-SC

Follow Up Flag: Follow up
Flag Status: Flagged

OK. If these are support pads that will serve as foundations for electrical equipment, then the same subgrade preparation for the foundations apply. Unless, these are not sensitive to movement then we can relax the over-ex to 2 feet bellow foundations.

F. Fred Buhamdan, PE, PMP

Terracon 949.864.2070

From: Saif Haroon [mailto:SHaroon@saifulbouquet.com]
Sent: Wednesday, September 13, 2017 6:13 PM
To: Buhamdan, Fred <Fred.Hamdan@terracon.com>; Morgan, Joshua R <Josh.Morgan@terracon.com>
Cc: 'KDonaghey@hga.com' <KDonaghey@hga.com>; Stacy Kwok (SKwok@hga.com) <SKwok@hga.com>; Haseeb Tahir <Htahir@saifulbouquet.com>
Subject: RE: SAC-SC

Fred,
Thanks for your response. The exterior slab area I am referring to – we have generator and other equipment. It is not exterior pavement. Could you please provide your comment for that? Thanks.

SAIF HAROON, PH.D., P.E.

Senior Project Engineer

Saiful Bouquet Structural Engineers an MBE firm

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From: Buhamdan, Fred [mailto:Fred.Hamdan@terracon.com]
Sent: Wednesday, September 13, 2017 6:00 PM
To: Saif Haroon; Morgan, Joshua R
Cc: 'KDonaghey@hga.com'; Stacy Kwok (SKwok@hga.com); Haseeb Tahir
Subject: RE: SAC-SC

Saif,

- The dimensions on the detail are correct but the wording is confusing. I would replace it with: *“The minimum depth of fill and over-excavation should be 5 feet below the existing grade, the depth of undocumented fill*

materials encountered during construction, or 3 feet below the bottom of the deepest foundation, whichever is greater.”

- I am ok with the 2” sand over 10 mil vapor barrier over compacted soils.
- Assuming the exterior slab on grade is only supporting pedestrian and light traffic, then it can be supported on minimum 10 inches of scarified, moisture conditioned, and compacted soils.

Thanks

F. Fred Buhamdan, PE, PMP

Terracon 949.864.2070

From: Saif Haroon [<mailto:SHaroon@saifulbouquet.com>]

Sent: Wednesday, September 13, 2017 9:03 AM

To: Buhamdan, Fred <Fred.Hamdan@terracon.com>; Morgan, Joshua R <Josh.Morgan@terracon.com>

Cc: 'KDonaghey@hga.com' <KDonaghey@hga.com>; Stacy Kwok (SKwok@hga.com) <SKwok@hga.com>; Haseeb Tahir <Htahir@saifulbouquet.com>

Subject: SAC-SC

Importance: High

Fred/Josh,

Could you please clarify a few items:

1. Please see attached detail 1/S3.01. **Could you please review and confirm the soil removal and compaction requirements for the Science Center, Greenhouse and other minor structures?** I have also attached the foundation plan of the main building (S2.01) and Greenhouse/minor structures (S2.61).
2. Please see attached typical slab on grade detail 1/S0.11. The geotechnical report does not clarify the sub-base construction for the interior and exterior slab on grade. **Could you please review the slab on grade sub-grade construction? 2” of sand, 10 mil vapor barrier and compacted soil? Also, please provide the sub-grade construction requirements for the exterior slab on grade (generator yard).**

I would appreciate your prompt review and response. Thanks.

SAIF HAROON, PH.D., P.E.

Senior Project Engineer

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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

182

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com

SPECIFICATION NUMBER:	115310	DRAWING NUMBER:	Page 2
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REQUESTED CLARIFICATION:

"The Lab Casework requires that ""A. Certification of Compliance: All bidders (including those listed in 2.01-A) must submit a compliance certification statement indicating that their bid includes products and installation which comply with every requirement of the project specifications and drawings (accounting for any RFI responses received during the bidding phase). B. Certification of Qualifications: All bidders must submit a certification of compliance with the Qualifications requirements outlined below. List specific project experience as evidence of compliance. C. Substitution Requests: All substitution requests for this scope of work in this section must be made during the bidding phase. No substitution requests will be considered post-bid.""

Provide direction to the Lab Casework bidders as to what exactly they are to submit since there is no ""Certification of Compliance Statement"" form in which to fill out. Either provide a Form, direction that each bidders' letterhead with a ""statement"" is adequate, or confirm that this will be excluded at Bid Time, and may be submitted later."

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

See specifications revision in forthcoming Addendum.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

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(RSCCD USE ONLY):

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PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.40 (Add. 2)

REQUESTED CLARIFICATION:

At the lower-left (to the left of SD3), is an unlabeled "SD" line. If required, provide pipe sizing and other SD notes, or delete if not required.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Utility Plan construction notes clarified in forthcoming addenda civil plans.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

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TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.40 (Add. 2)

REQUESTED CLARIFICATION:

In the Courtyard near the top is a callout for "SD5 CB STA 0+06.32" which is not pointing at anything. This should be deleted.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Utility Plan construction notes clarified in forthcoming addenda civil plans.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

185

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.40 (Add. 2)

REQUESTED CLARIFICATION:

At the low-right is a callout for "SD9 Overflow Structure" which is not pointing at anything. This should be deleted.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Utility Plan construction notes clarified in forthcoming addenda civil plans.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

186

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.40 (Add. 2)

REQUESTED CLARIFICATION:

At the right, the transition from the SD1 callouts for the 18" HDPE pipe at the 15" PVC pipe needs to be shown. We guessed that the transition is at the callout for "95.30 INV" location, but this could be anywhere within 40' (up or down) of that location.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Utility Plan construction notes clarified with profiles in forthcoming addenda civil plans.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

187

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.50 & C1.51 (Add 2)

REQUESTED CLARIFICATION:

At the left, the Water pipe on C1.50 is called out as "W1 (2")", but on C1.51 that same pipe is called out as "W1 (4)". Provide the transition location where the pipe changes from 4" to 2".

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Utility Plan construction notes clarified in forthcoming addenda civil plans.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

188

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.60 (Add 2)

REQUESTED CLARIFICATION:

At the right, the drive entry should either have a callout for P14 Rolled Curb or P03 V-gutter.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Paving Plan construction notes clarified in forthcoming addenda civil plans.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

189

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.60 (Add 2)

REQUESTED CLARIFICATION:

At the lower-right there is a symbol for what appears to be "Truncated Domes", however this is in the Asphalt Paving area and if required to be provided would be a different application. Since that symbol is not identified, confirm that the bidders are to exclude this 16 square feet area as Truncated Domes & assume it is AC Paving as shown.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Truncated Domes will be located on asphalt. Paving Plan construction notes clarified in forthcoming addenda civil plans.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

190

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.70 (Add 2)

REQUESTED CLARIFICATION:

Construction Note FA3 Fire Lane Sign (wall-mount) is called out at 3 locations at the far-left on the Site Plan, however a similar sign on GS.01 is shown at 4 locations labeled S3A.01.S thru S3A.04.S. Confirm which plan supersedes the other, and confirm the quantity to be included by the bidders.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Signage Plans supersedes. Location, detail, and quantity of signs provided in signage plans. Civil is only showing for reference.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

191

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.60 (Add 2)

REQUESTED CLARIFICATION:

At the lower-right, the parking lot per Paving Construction Note P04 refers to "see Detail 2, per Sheet C5.00" which lists two different AC Paving sections. Confirm that the bidders are to base the AC Paving upon 3" AC over 8" Class II Base Course, and not on the 12" base course.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Paving Plan construction notes clarified in forthcoming addenda civil plans.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

192

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 06, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	230913	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

SPEC SECTION 230913, please provide list of District approved DDC Controls contractors as indicated in section 230913-2.6 A.4

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Contractor to submit substitution documentation to prove manufacturer are equivalent equipment/system per the contract and Division 1 specifications for design/owner review.

RESPONSE PROVIDED BY:	Teng Yadao/ Stantec	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **193**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	8/25/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:	101100 Visual Display Boards	DRAWING NUMBER:	AO11, A601, A602, A605, A607

REQUESTED CLARIFICATION:

Visual Display Boards:

Sheet A011 (Material ID Codes) TKBD-1D shows a size for type of 4'x6'. Plan sheets and details 1/A601, 1/A602, 2/A604, A605, and A607 all show a dimension for the TKBD-1D of 4' X 4'. Please advise as to which one is correct.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

TKBD-1D to be 4'x4' per interior elevations and Material ID list.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **194**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	8/25/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:	233113	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Duct schedule:

1. Please confirm that ductwork connected to SAV (Supply Air Valves) is Galvanized ductwork.
2. Please confirm that ductwork connected to GEV (General Exhaust Valves) is Galvanized ductwork
3. Please confirm that ductwork connected to FEV (Fume Hood Exhaust Valves) is Stainless Steel

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

1. Confirmed.
2. Confirmed.
3. Confirmed.

RESPONSE PROVIDED BY:	Teng Yadao	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **195**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	8/25/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:	233113	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Duct schedule:

1. Please confirm the ductwork mains of the interior general exhaust duct is Galvanized ductwork
2. Please confirm the Laser cutter exhaust ducts are galvanized ductwork.
3. Item 3.10 G indicates S/A & R/A outdoor ducts to receive 2" thick liner. The drawing M2.04 does not imply lined ductwork. Please advise

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

1. Confirmed.
2. Confirmed.
3. Exterior SA and RA ducts to be lined.

RESPONSE PROVIDED BY:	Teng Yadao	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **196**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	8/25/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:	233113	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Paragraph 3.1 B & D...Is it acceptable to use grooved piping and mechanical joints for HHW & CHW 2-1/2" and greater? Please advise

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Grooved piping joints are only acceptable where they are exposed to view and on chilled water systems only.

RESPONSE PROVIDED BY:	Teng Yadao	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

197

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	9/12/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A400

REQUESTED CLARIFICATION:

Reference Exterior Building North Elevation 1 /A400 . Windows between grid line 1 – 2 were labeled as W3a in first floor and W3 in 2nd & 3rd floors. These windows were not the same size & elevation as W3 & W3a in window schedule A490. Please provide correct window tags and include in the window schedule.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Window types W20a and W20 added. Refer to updates in forthcoming Addendum 3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **198**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	9/11/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com

SPECIFICATION NUMBER:	115213 Projection screens	DRAWING NUMBER:	
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REQUESTED CLARIFICATION:

Addendum 2 deleted Spec section 115213 but plans still show Projection screens. Are these included or excluded from the Bid. Please advise:

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Projection screens are part of the scope of work. Refer to Section 274116 Integrated Audio Video Systems and Equipment for more info.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **199**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	9/12/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.10

REQUESTED CLARIFICATION:

Note 3 on sheet C1.10 states, "Remove and Demolish Existing AC Pavement." I assume we are removing the CMB base associated with the AC Pavement. Please clarify:

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Under geotechnical engineers' confirmation. Existing AC pavement base may not need to be removed. The existing base can be recompacted and reused for new AC pavement section.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **200**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	9/12/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:	Greenhouse	DRAWING NUMBER:	A062

REQUESTED CLARIFICATION:

1. Reflected Ceiling Plan 2/A062 calls for a suspended heater. is it natural gas, propane or electric? Please clarify:
2. Heaters are showing the middle of the structure. Manufacturer recommends 30" from endwall. Please advise:
3. 1/A062 shows evaporative cooler inside of the greenhouse. It needs to be mounted on the outside as it pulls air from outside through the unit into the greenhouse. Please clarify:
4. Please clarify that the roof vents are wax filled cylinders that push the opener rod out to force vent open and once the wax cools, then allows vents to close.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

1. Gas heater
2. Heater location to be coordinated with green house vendor and documented on fully engineered submittal package for deferred approval during construction. Procurement and installation of the greenhouse assembly to be provided by general contractor.
3. Evaporative Cooler location to be coordinated with green house vendor and documented on fully engineered submittal package for deferred approval during construction. Procurement and installation of the greenhouse assembly to be provided by general contractor.
4. Roof vents to be automatic roof vents with super opener

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **201**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	9/12/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:	Greenhouse	DRAWING NUMBER:	A062

REQUESTED CLARIFICATION:

1. Greenhouse plans do not reflect any mechanical systems. Manufacturer highly recommends a motorized inlet and exhaust system to help cool the greenhouse. Please advise if this is acceptable.
2. If above is acceptable, please clarify whether the system is ran by thermostats or an environmental Controller? (Manufacturer recommends Thermostats for cost savings and simplicity).

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

1. This is acceptable. Mechanical system to be coordinated with green house vendor and documented on fully engineered submittal package for deferred approval during construction. Procurement and installation of the greenhouse assembly to be provided by general contractor.
2. Thermostats is acceptable.

RESPONSE PROVIDED BY:	Stacy Kwok/HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **202**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	9/12/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:	Greenhouse	DRAWING NUMBER:	A062

REQUESTED CLARIFICATION:

Cuts on sheets A062 & A063 full panel glass. Addendum G PBC 64-R1 sheet A064 calls for 3mm tempered lapped glass per Manufacturer specs. Please confirm we are using 3mm tempered lapped glass.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Glass for the greenhouse to be <GL-24T> per drawings.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **203**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	9/12/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A066

REQUESTED CLARIFICATION:

Detail 6/A066 references an automatic door operator. Please provide door location, method of attachment and power source.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Refer to floor plans and door schedule on A082 for door locations. See specs section 087100 and 087113 for mounting requirements. Power source per Electrical Power Plans.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

204

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/12/2017		
FROM:	Landon McQuestion Balfour Beatty	EMAIL:	lmcquestion@balfourbeatty us.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	

REQUESTED CLARIFICATION:

With how many plan sheets and specification sections have been changed in the addenda we request that a new complete plan set and specification set be issued for bid. This will greatly help mitigate missed changes by the subcontractor community.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

It is the contractor's responsibility to keep track of Addenda issued and distribute to appropriate parties for bidding.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **205**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/12/2017		
FROM:	Chris Ellis City Commercial Plumbing Inc.	EMAIL:	chris@ccpinc.net
SPECIFICATION NUMBER:		DRAWING NUMBER:	Spec Sec 220700/3.13/D

REQUESTED CLARIFICATION:

Is it necessary to Insulate the Sanitary Vent pipes and if so how many feet need to be covered?

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Yes. Vent insulation applies to lab waste vent lines only as exposed plastic pipes at roof need to be protected from UV degradation.

RESPONSE PROVIDED BY:	Richard Cruz	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **206**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/12/2017		
FROM:	Landon McQuestion Balfour Beatty	EMAIL:	lmcquestion@balfourbeatty us.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.40

REQUESTED CLARIFICATION:

There appears to be a 3" perforated pipe around the building and other locations per SD10 but no detail provided. Please provide.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Detail for 3" perforated pipe provided in forthcoming addenda civil plans.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

207

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/12/2017		
FROM:	Landon McQuestion Balfour Beatty	EMAIL:	lmcquestion@balfourbeatty us.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.50

REQUESTED CLARIFICATION:

Per note W5 on C1.50 there is an existing water lateral. Where is the POC for this lateral?

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Utility Plan construction notes clarified in forthcoming addenda civil plans.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **208**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/12/2017		
FROM:	Landon McQuestion Balfour Beatty	EMAIL:	lmcquestion@balfourbeatty us.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.50

REQUESTED CLARIFICATION:

Referring notes U2 and U4 on C1.50, please clarify if this gas line is by SCG or the contractor.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

The site gas lines are to be constructed by the contractor. Plumbing to confirm.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **209**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/12/2017		
FROM:	Landon McQuestion Balfour Beatty	EMAIL:	lmcquestion@balfourbeatty us.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	P1.11

REQUESTED CLARIFICATION:

The Storm Drain stack at lines 1 between C & C.8 show 6" on P1.11, P2.00 & P2.01 then show 4" P2.02 & P2.03. please clarify

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

4" Storm Drain/ Overflow drain. Underground 6" storm drain to remain.

RESPONSE PROVIDED BY:	Richard Cruz	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **210**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/08/2017		
FROM:	Balfour Beatty Construction/ CONDON-JOHNSON & ASSOCIATES, INC.	EMAIL:	LMcQuestion@Balfourbeattyus.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	2/S3.02.

REQUESTED CLARIFICATION:

Reference: Foundation Schedule
Subject: Pile Added Bars
detail 2/S3.02.
The detail contains a note which calls for "added bars (o) Type B=(6)-#8", with no call-out for "Type A" added bars. Please confirm that "Type A" piles do not have any added bars.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Refer to PBC 174 response.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **211**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/12/2017		
FROM:	Landon McQuestion Balfour Beatty	EMAIL:	lmcquestion@balfourbeatty us.com
SPECIFICATION NUMBER:	2_170726_3049_RFP_RSCCD_GMP_FINAL	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Alternate 1 in the RFP states: "(ADD)
3-year extended warranty for the following work categories:
Site Utilities, Landscape, Elevator, Plumbing, HVAC, Electrical,
Communications, Laboratory Equipment, Laboratory Fume Hoods, and
General Contractor." Please clarify what is scope intended to be included in the
"General Contractor" portion of this alternate and what warranties that includes.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Refer to upcoming Addendum for clarification regarding this alternate.

Please note, the correct alternate number utilized should be as indicated in
Specification 012300 and addenda issued, not as indicated in Attachment 6 in the
RFP. Alternates have been revised since first issuance of the RFP (refer to addenda).

RESPONSE PROVIDED BY:	Allison Coburn	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

212

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/12/2017		
FROM:	Landon McQuestion Balfour Beatty	EMAIL:	lmcquestion@balfourbeatty us.com
SPECIFICATION NUMBER:	21_170831_3049_AD(F)_RSCCD	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Due to the likelihood of equipment vendors sending in last minute quotes. We request that the tab "IX. Scoping Sheets" added in Addendum F be required to be submitted within 48 hours after the proposal deadline.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Tab "IX. Scoping Sheets" shall be submitted to the District Office with four (4) hard copies and one (1) electronic version no later than Friday, October 6, 2017 at 9:00AM.

RESPONSE PROVIDED BY:	Allison Coburn	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **213**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/12/2017		
FROM:	Chris Ellis City Commercial Plumbing Inc.	EMAIL:	chris@ccpinc.net
SPECIFICATION NUMBER:		DRAWING NUMBER:	P5.01

REQUESTED CLARIFICATION:

Does detail 2 on P5.01 apply to all storm drains?

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

No.

RESPONSE PROVIDED BY:	Richard Cruz	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

214

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/12/2017		
FROM:	Chris Ellis City Commercial Plumbing Inc.	EMAIL:	chris@ccpinc.net
SPECIFICATION NUMBER:		DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Does the Green House deionization system require a BACnet for the main?

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

No.

RESPONSE PROVIDED BY: richard Cruz

DATE: 9/22/17

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **215**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/13/2017		
FROM:	Landon McQuestion Balfour Beatty	EMAIL:	lmcquestion@balfourbeatty us.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	E0.2B

REQUESTED CLARIFICATION:

E0.2B, note 3 states to provide panels with 200% neutral and isolated ground bus. The feeders to these panels do not have 200% neutral or isolated ground. Please clarify if feeders shown are correct.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Single Line will be revised in forthcoming addenda.

RESPONSE PROVIDED BY:	RR	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **216**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/13/2017		
FROM:	Landon McQuestion Balfour Beatty	EMAIL:	lmcquestion@balfourbeatty us.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	E1.2

REQUESTED CLARIFICATION:

Sheet E1.2 shows a stub out from the substation labeled "USSC-HS". Note 7 pointing to it says to see single line E0.2A for requirements for this feeder. This feeder "USSC-HS" does not appear on sheet E0.2A. Please clarify.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Single line diagram will be revised in forthcoming addenda to indicate feeder requirements.

RESPONSE PROVIDED BY:	RR	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

217

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/13/2017		
FROM:	Landon McQuestion Balfour Beatty	EMAIL:	lmcquestion@balfourbeatty us.com
SPECIFICATION NUMBER:	266000	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Specifications Laboratory Electrical Requirements 266000 –4 section 2.3 states that conductors shall be copper. Specifications 260530-9 states that aluminum conductors are allowed. Please confirm that aluminum conductors can be used for feeders #2 and larger.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Per 266000, 1.1, B, the requirements of 266000 take precedence over other Division 26 requirements only for laboratory areas and which include only branch circuits and no feeders #2 and larger.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **218**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 13, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A011

REQUESTED CLARIFICATION:

GYP BD-23 & GYP BD-24 Gypsum Board both appear one time on A660 Detail 2 General Notes N & O, however there is no description on A011 nor are these in the Project Manual.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Note removed. Please refer to forthcoming Addendum #3.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

219

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 13, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A445, Det. 1 & 2

REQUESTED CLARIFICATION:

These details refer to "<GYPSHTG-5>" which does not have a description on A011 Material ID Codes. Please provide on A011 or revise to a different callout on A445. Note that "<GYPSHTG-5>" occurs 11 times including on Details 1/A431 + 1,5,9/A432.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

<GYPSHTG-5> revised to be <GYPSHTG-4>. Refer to forthcoming updates in Addendum 3.

RESPONSE PROVIDED BY:	Stacy Kwok/HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **220**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 13, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	RFP, Attachment 1-F	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Regarding the OCIP requirement, please confirm the project is not excluded from the requirements of California Public Contract Code 7105.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

The Project is not subject to the requirements of Public Contract Code section 7105 because pursuant to Section 28.13 of Exhibit D to the Facilities Lease, "Contractor shall not be responsible for damage to the Work caused by "acts of God" as defined in Public Contract Code section 7105."

RESPONSE PROVIDED BY:	Allison Coburn	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **221**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 13, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	E0.2A

REQUESTED CLARIFICATION:

Panels EQM3 and 2SB1 are not shown on the single line diagram. Are these required? If so, please provide feeder size and where they are to be fed from.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Single line and panel schedules will be revised in forthcoming addenda.

RESPONSE PROVIDED BY:	RR	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

222

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 13, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	E0.2A

REQUESTED CLARIFICATION:

Panels EQM3 and 2SB1 are not shown on the single line diagram. Are these required? If so, please provide feeder size and where they are to be fed from.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Single line and panel schedules will be revised in forthcoming addenda.

RESPONSE PROVIDED BY:	RR	DATE:	9/22/17
-----------------------	----	-------	---------

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **223**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 13, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	E0.7 & A0.7A

REQUESTED CLARIFICATION:

Panels EQM3 and 2SB1 are not shown on the single line diagram. Are these required? If so, please provide feeder size and where they are to be fed from.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Single line and panel schedules will be revised in forthcoming addenda.

RESPONSE PROVIDED BY:	RR	DATE:	9/22/17
-----------------------	----	-------	---------

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **224**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 13, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	Add F / Add G	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Addendum F on page 2, Item AD-F-2 requires to provide "Scoping Sheets for each work category". Addendum G, RFI # 72-R1 states "The 60 page count may exclude the GMP workbook tab". Please confirm that the Scope Sheets being part of Workbook Tab IX will not be counted in the proposal's 60 pages. Also please advise if it will be possible to extend 48 hs the submission of the Scope Sheets since the completion of these sheets will extend until the last minute on Bid Day.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

- 1) Correct, scoping sheets (part of the GMP Workbook) do not need to be included in the 60 page maximum page count.
- 2) Refer to PBC #212.

RESPONSE PROVIDED BY:	Allison Coburn	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **225**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 13, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	ADD # G	DRAWING NUMBER:	RFI 52 R1

REQUESTED CLARIFICATION:

Per Add G - RFI # 52R1 the aggregate base under the paving section was changed to Caltrans Class II; the RFI states that CMB shall NOT BE USED for this project. Most of the suppliers for for CMB meet Caltrans Class II requirements for aggregate base. Please advise if Class II recycled Base will be acceptable.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

CMB or recycled base is not allowed as an aggregate material per District standard. Follow Caltrans standard for Class II gradation and aggregate quality characteristics. Specs will be updated in forthcoming addenda.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **227**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	9/13/17		
FROM:	Chris Kurtz Digital Networks Group	EMAIL:	biddesk@digitalnetworksgroup.com
SPECIFICATION NUMBER:	274116 - AV Systems	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

1. Can you please confirm if ALS will be required in each system? Also, will the portable receivers need to be provided for all rooms or lump sum to be used where needed?
2. Please confirm if Utelogy will be doing programming and licenses with the District direct? If not and AVC is to supply, can there please be a master quote provided.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

1. Specifications have been updated. See Spec 274116, 1.4K for the required number of transmitters and receivers.
2. Specifications have been updated. See Spec section 1.4.A.1.b- the AVC shall provide programming and configuration and contract Utelogy to provide commissioning. College shall purchase site licenses.

RESPONSE PROVIDED BY:	Menandro Domingo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

228

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	9/12/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com

SPECIFICATION NUMBER:		DRAWING NUMBER:	
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REQUESTED CLARIFICATION:

Per Addendum #2 sheet C5.00 detail 2, the Aggregate Base under the paving section was changed to Caltrans Class II.
RFI #52-R1 says CMB shall not be used on this project. Most of the suppliers CMB meets Caltrans Class II requirements for aggregate base.
Please advise if Class II Recycled Base is acceptable for use on this project.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

CMB or recycled base is not allowed as an aggregate material per District standard. Follow Caltrans standard for Class II gradation and aggregate quality characteristics. Specs will be updated in forthcoming addenda.

RESPONSE PROVIDED BY:	Bao-Tran Vo	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **229**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	9/12/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	P301 & 4/P504

REQUESTED CLARIFICATION:

Plumbing Equipment schedule and specifications do not show any information on water softeners. Please provide acceptable manufacturer and model numbers.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Softener is part of the RO-DI equipment and specified in P4.09

RESPONSE PROVIDED BY:	Richard Cruz	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **230**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	9/12/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	A024

REQUESTED CLARIFICATION:

Fireproofing:

1. Please clarify fireproofing scope. Elevations and floor plans on page A024 are inconsistent with each other.

Detail 1 shows areas on the "1st Floor" (ground level/concrete slab) yet detail 5 the elevation doesn't show fireproofing on the first-floor frame, only columns. Detail 2 shows only columns to received fireproofing. However, in detail 5 entire sections of the deck are indicated.

Detail 3 shows columns and small portions of deck and detail 5 doesn't reflect the same areas.

2. Do the elevator guide rails, 6x6x1/2" tube steel, require fireproofing as indicated in page A024 detail 1, 2 and 3 and 4/A520? This is not required by code. Please advise:

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

1. Please refer to the legend. The hatch indicated in Detail 1 is to fireproof the first level ceiling slab (second level floor slab) and the hatch indicated on Detail 3 is to fireproof the third level floor slab. Please see revised notes in the legend for clarifications.

2. HSS in between the 2 elevators do not need to be fireproofed. However, the two elevator rail support HSS on the east and west walls need to be fireproofed to maintain 1-hr rating per detail 4/A520.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

231

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	9/12/2017		
FROM:	John Modena, CW Driver	EMAIL:	jmodena@cwdriver.com
SPECIFICATION NUMBER:	105626.13	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

1. Acme Visibles Mobile 810 system is listed as an acceptable alternative. It uses a Non-Grouted re-levelable modular track instead of grouted track. The specified system uses a grouted track. Is a Non-Grouted re-levelable modular track acceptable?
2. Acme Visibles Mobile 810 also uses a Modular carriage instead of welded carriage. Is that acceptable?

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

1. Non-grouted re-levelable modular track is acceptable as long as it is ADA compliant and has the same supporting weight capacity as the basis of design.
2. This is acceptable as long as the modular carriage has the same dimensions per drawing, same supporting weight capacity. Total modular carriage system not to exceed weight as the basis of design.

RESPONSE PROVIDED BY:	Stacy Kwok/HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **232**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 13, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	012300-3.03	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Specification Section 012300 – ALTERNATES. Under subsection 3.03 – SCHEDULE OF BID ALTERNATE ITEMS, is there a description for paragraph D. “Alternate 4 (DEDUCT)”?

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Refer to updated specs section in forthcoming Addendum 3.
Alternate #5 added: Use Custom aluminum perforated panels in lieu of extruded aluminum fins. Mural supporting structure per construction documents. See sheet A474 for additional info.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **233**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 13, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	230913	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Refer to specification Section 230913 – BUILDING AUTOMATION SYSTEM FOR HVAC. Although acceptable manufacturers are listed in paragraph A. under subsection 2.6 – MECHANICAL EQUIPMENT AND AIR DISTRIBUTION, who is the current contractor providing the “Tridium Niagara AX” BMS system for the RSCCD? Please provide their contact information.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

The District does not have any preferred integrator contractor for Tridium BMS. Integration shall be provided by the Contractor.

RESPONSE PROVIDED BY:	Allison Coburn	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC #
(RSCCD USE ONLY):

234

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 13, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	115310-2.18-C	DRAWING NUMBER:	Page 2

REQUESTED CLARIFICATION:

Section 115310, page 42, par. 2.18-C-1-j calls for Slotted stainless steel Unistrut framing channel in Chemical Fume Hoods. Please provide Fume Hood locations that require Stainless Steel Unistrut inside, and the layout of the Unistrut, or confirm that this is not required for this project.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

See specifications revision in forthcoming Addendum

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **235**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	September 13, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF2.01B

REQUESTED CLARIFICATION:

LF2.01B at Room SC120:
a.The five "E30*" cabinets, however elevation 4/LF3.00 shows these as 4-drawer cabinets with a possible Writing Table which is shown on LF1.02 as Cabinet Type D or possibly LD if a Writing Table is note required.
b.The five "F30*" cabinets, however elevation 5/LF3.00 shows these as 5-drawer cabinets which is shown on LF1.02 as Cabinet Type LF, or Type E or possibly N.
c.The two "N30*" cabinets, however elevation 6/LF3.00 shows these as 5-drawer cabinets which is shown on LF1.02 as Cabinet Type LF, or Type E, or possibly N.
d.The two "N30*" cabinets, however elevation 7/LF3.00 shows these as 5-drawer cabinets which is shown on LF1.02 as Cabinet Type LF, or Type E, or possibly N.

LF2.01B at Room SC118:
a.The three "F30*" cabinets, however elevation 3/LF3.04 shows these as 5-drawer cabinets which is shown on LF1.02 as Cabinet Type LF, or Type E or possibly N.
b.The three "E30*" cabinets, however elevation 3/LF3.04 shows these as 4-drawer cabinets with a possible Writing Table which is shown on LF1.02 as Cabinet Type LD or possibly D if a Writing Table is note required.

Please revise the drawings to match the Partial Floor Plan callouts to the Interior Elevation drawings, or provide direction to the bidders.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

LF2.01B room SC120
a, c, d - cabinets have been revised in elevation sheet to match cabinets in casework menu.
b - N cabinets have been replaced with T cabinets and elevations has been revised to match.

LF2.01B room SC118
a, b - cabinets have been revised in elevation sheet to match cabinets in casework menu.

See updates in Addendum #3.

RESPONSE PROVIDED BY:	MRico/RFD	DATE:	9/22/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.