

## **ADDENDUM G (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:** 9/01/2017

**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

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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**

Item AD-G-1 – Replace Prequalified Subcontractor Shortlist issued in ADDENDUM F with attached version (revisions are noted in red).

### **SPECIFICATIONS**

None

### **DRAWINGS**

None

### **RESPONSES TO PRE-BID CLARIFICATION (“PBC”)**

Item AD-G-2 – Replace all PBC responses issued in ADDENDUM F with the following responses:

- PBC 15-R1 through PBC 43-R1
- PBC 45-R1 through PBC 49-R1
- PBC 51-R1 through PBC 72-R1

**Attachments:**

AD-G-1 (1 sheet)

AD-G-2 (59 sheets)

END OF ADDENDUM G

**C-7**

Advanced Cable Solutions  
Digital Network Group, Inc.  
Telenet VoIP, Inc.

**C-10**

Advanced Cable Solutions  
Baker Electric  
Climatec, LLC  
Comet Electric Inc  
Digital Network Group, Inc.  
Gilbert & Sterns, Inc.  
Mel Smith Electric, Inc.  
Morrow-Meadows Corporation  
Neubauer Electric Inc.  
G A Abell, Inc dba Precision Electric Company  
RDM Electric Co., Inc.  
Rosendin Electric, Inc.  
**Sheldon Mechanical Corporation**

**C-16**

Bali Construction Inc.  
Daart Engineering Company, Inc.  
J.G. Tate Fire Protection Systems, Inc.  
Kincaid Industries, Inc.

**C-20**

Able Heating & Air Conditioning, Inc.  
Acco Engineered Systems  
ACH Mechanical Contractors  
Air-Ex Air Conditioning, Inc.  
Alpha Mechanical Inc  
Circulating Air, Inc.  
Climatec, LLC  
Control Air Conditioning Corporation  
Couts Heating & Cooling  
Eberhard  
Jackson & Blanc  
Limbach Company LP  
**Sheldon Mechanical Corporation**  
Southland Industries  
University Mechanical & Engineering Contractors, Inc.  
Westland Heating & Air Conditioning, Inc.  
XCEL Mechanical Systems, Inc.

**C-34**

Interpipe Contracting, Inc.  
Murray Company Mechanical Contractors

**C-36**

Acco Engineered Systems  
Alpha Mechanical Inc  
Bali Construction Inc.  
City Commercial Plumbing, Inc.  
Empyrean Plumbing, Inc.  
HL Moe Co., Inc.  
Interpipe Contracting, Inc.  
Kincaid Industries, Inc.  
Murray Company Mechanical Contractors  
Pro-Craft Construction, Inc.  
Southland Industries  
University Mechanical & Engineering  
Contractors, Inc.

**C-43**

Best Contracting Services  
Cimco A/C & Sheet Metal, Inc.  
Crown Sheet Metal Products, Inc  
Eberhard  
Letner Roofing Company  
RB Sheet Metal Inc  
Valencia Sheet Metal

Attachment 4**PRE-BID CLARIFICATION ("PBC") FORM**  
**(ALL questions to be submitted on this form ONLY)**PBC #  
(RSCCD USE ONLY):**15-R1**

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

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	032000; 031500; 031100	DRAWING NUMBER:	
REQUESTED CLARIFICATION:			
<p>Specification Section 031500 – Concrete Accessories references Related Section 032000 Concrete Reinforcing (031500-1.1B.2), however this Specification Section is not provided. Also Section 031500-3.1A indicates to install concrete accessories and related materials as specified in Section 031100 – Concrete Formwork and this specification is also not provided. Please provide both missing specifications.</p>			
RESPONSE TO CLARIFICATION, <b>SUBMITTED AS PART OF AN ADDENDUM:</b>			
<p>Specification Sections 031100 and 032000 are not included in this package, as the information for reinforcing and formwork is included in Section 033000.</p> <p>Forthcoming Addendum 2 will correct the incorrect spec section references noted above.</p>			
RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	8/31/17

*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 # **16-R1**  
(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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	31500	DRAWING NUMBER:	S0.11

**REQUESTED CLARIFICATION:**

Specification Section 031500-2.1A specifies the minimum under slab vapor barrier thickness at 15-mil, however 1C/S0.11 indicates that the vapor barrier is 10-mil per Geotechnical report. Upon review of the Geotechnical Report a specified thickness for the vapor barrier is not indicated. Please confirm what thickness is required.

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

Refer to Addendum 2 for updated specifications.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	8/31/17
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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):

**17-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	033000	DRAWING NUMBER:	S2.01

**REQUESTED CLARIFICATION:**

On sheet S2.01 in the pile cap symbol where it indicates the top of footing elevation relative to the lowest adjacent top of slab elevation, all but one have a '-' indicating the depth of the top of footing. Please confirm that all the top of footings are to be located at 1'-6" below top of slab.

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

All top of footings are to be located at -1'-6" (from the slab on grade), except the pile cap at 2/B-C.

RESPONSE PROVIDED BY:	Saif Haroon	DATE:	08/31/17
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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):

**18-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	033000	DRAWING NUMBER:	S2.01 - S3.02

**REQUESTED CLARIFICATION:**

On sheet S2.01 at GL 4 between GL E & F the Pile cap is labeled as PC3, however on sheet S3.02 there is no PC3 in the schedule. Please advise if this should be labeled PC3A or PC3B?

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

PC3 SHOULD BE REPLACED BY PC3A.

RESPONSE PROVIDED BY:	Saif Haroon	DATE:	08/31/17
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**Attachment 4**

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

PBC # **19-R1**  
(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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	033000	DRAWING NUMBER:	S3.02

**REQUESTED CLARIFICATION:**

Detail 1/S3.02 there is a pile cap labeled PC6, however on the plans there is no PC6. Please confirm this pile cap should be PC6B in the schedule.

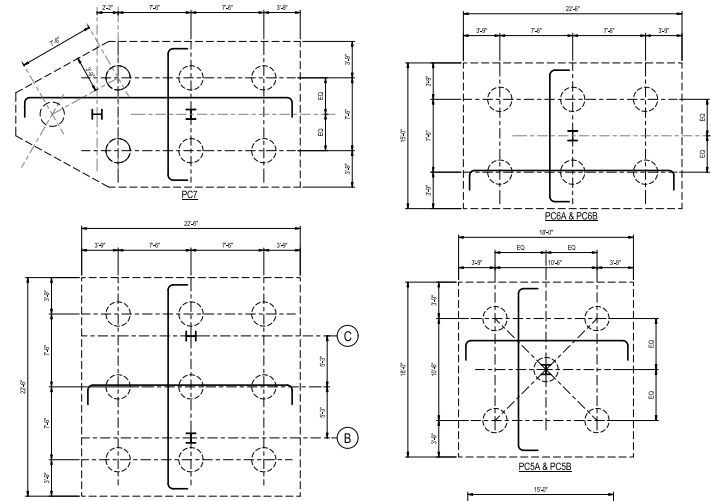
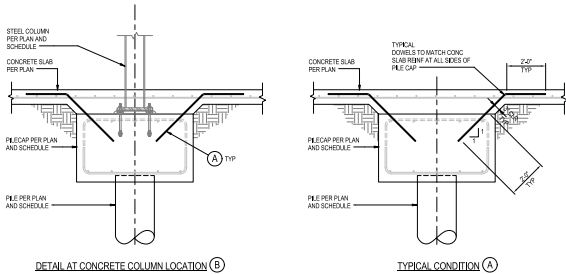
**RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:**

Please see attached mark ups to clarify the pile cap designations. Will be updated in the Addendum #2 drawings.

RESPONSE PROVIDED BY:	Saif Haroon	DATE:	08/31/17
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*Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.*

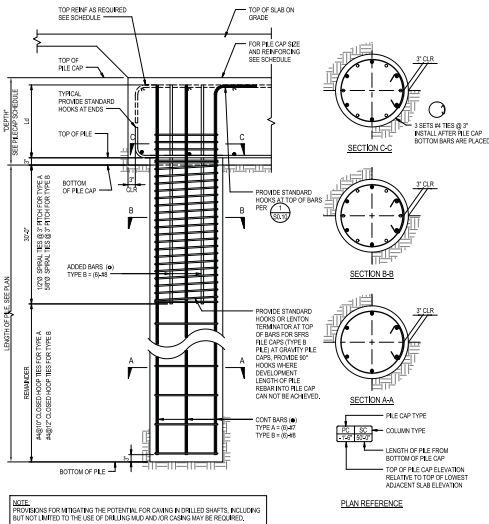




3 TYPICAL STRUCTURAL SLAB ON GRADE TO PILE CAP CONNECTION DETAILS

PILE ALLOWABLE CAPACITY TABLE		
PILE DEPTH (FT)	DOWNWARD CAPACITY (KIPF)	UPWARD CAPACITY (KIPF)
50	112	-
57	136	62

NOTE: DOWNWARD AND UPWARD CAPACITIES CAN BE INCREASED BY 30% FOR SEISMIC AND WIND LOADING.



NOTE: PROVISIONS FOR MITIGATING THE POTENTIAL FOR GAINING IN DRILLED SHAFTS, INCLUDING BUT NOT LIMITED TO THE USE OF DRILLING MUD AND/OR CASING MAY BE REQUIRED.

2 TYPICAL 30" DIAMETER PILE AND PILE CAP ELEVATION AND SECTIONS

1 TYPICAL PILE CAP DETAILS

MARK	PILE SIZE	NUMBER OF PILES	PILE TYPE	DEPTH (ft)	REINFORCING		REMARKS
					LONGITUDINAL	TRANSVERSE	
PC1	8'-0" x 6'-0"	1	A	36	#8@12" (TAB)	#8@12" (TAB)	FOR FILE AND PILE CAP ELEVATION AND SECTION C-C
PC2	15'-0" x 6'-0"	2	A	36	#8@12" (TAB)	#8@12" (TAB)	
PC3A	-	3	A	36	#8@12" (TAB)	#8@12" (TAB)	
PC3B	-	3	B	54	#8@12" (TAB)	#8@12" (TAB)	
PC4A	15'-0" x 15'-0"	4	A	36	#8@12" (TAB)	#8@12" (TAB)	
PC4B	15'-0" x 15'-0"	4	B	54	#8@12" (TAB)	#8@12" (TAB)	
PC4A	15'-0" x 15'-0"	4	A	36	#8@12" (TAB)	#8@12" (TAB)	
PC4B	15'-0" x 15'-0"	4	B	54	#8@12" (TAB)	#8@12" (TAB)	
PC5	8'-0" x 15'-0"	5	B	54	#8@12" (TAB)	#8@12" (TAB)	
PC6	15'-0" x 22'-6"	6	B	60	#8@12" (TAB)	#8@12" (TAB)	
PC6A	15'-0" x 22'-6"	6	A	48	#8@12" (TAB)	#8@12" (TAB)	
PC7	-	7	B	60	#11@12" (TAB)	#11@12" (TAB)	
PC8	22'-6" x 22'-6"	9	B	60	#11@12" (TAB)	#11@12" (TAB)	

**HA**  
1318 Main Street, Suite 100  
Santa Ana, California 92701  
Telephone: 714.837.1000

**STRUCTURAL ENGINEER**  
SHELLY ROCKETT  
1511 LARK AVE  
PASADENA, CA 91101  
626-444-8116

**MECHANICAL & PLUMBING ENGINEER**  
STANTIC CONSULTING  
14150 REESE CIRCLE, #211  
SHERMAN OAKS, CA 91323  
818-971-6222

**ELECTRICAL ENGINEER**  
PER ENGINEERING  
151 PULASKY AVE., #410  
COSTA MESA, CA 92626  
949-443-8999

**CIVIL ENGINEER**  
KOFF CONSULTING ENGINEERS  
700 SOUTH FLOWER ST., #2100  
LOS ANGELES, CA 90017  
213-418-0201

**LANDSCAPE ARCHITECT**  
LITNIK GROUP, INC.  
17392 IMPERIAL SOUTH, #110  
IRVINE, CA 92614  
949-764-1150

**LABORATORY CONSULTANT**  
REGAN AND PARTNER DESIGN  
3865 4TH AVE., #402  
SAN DIEGO, CA 92103  
619-289-1159

**SCIENCE CENTER**  
SANTA ANA COLLEGE  
RANCHO SANTIAGO  
COMMUNITY COLLEGE  
DISTRICT  
1530 W. 17TH ST.  
SANTA ANA, CA 92706



NO.	DESCRIPTION	DATE

HGA NO: 354-001-100

**FOUNDATION SCHEDULE AND TYPICAL DETAILS**

DATE: JULY 05, 2017

S3.02

DSA APPROVAL SET

**Attachment 4**

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

PBC # **20-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	211313, actual page 8	DRAWING NUMBER:	FP-001

**REQUESTED CLARIFICATION:**

Confirm that the pipe for sizes 2.5" & larger are to be Sch 10 per par. 2.3-A-2 and that par. 2.3-A-1 is to be deleted. Note that Sheet FP-001 Fire Protection Notes 13 calls for Sch 10 piping, or confirm that this is a "subcontractor's option" to select the material of their choice.

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

Both section of the specification apply. Pipe sizes 2-1/2" and larger can either be schedule 10 or 40. However, the means of jointing the pipe must comply with section 2.3.A.1 and 2.3.A.2. Piping with wall thicknesses less than schedule 10 is unacceptable.

RESPONSE PROVIDED BY:	Michael Lee - Jensen Hughes	DATE:	08/31/17
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**Attachment 4**

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

PBC # **21-R1**  
(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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	221116, page 2	DRAWING NUMBER:	P0.02

**REQUESTED CLARIFICATION:**

The Above Grade piping is called out as Type K, however Sheet P0.02 Piping Material Schedule calls for Type L instead. Coordinate & correct as necessary, or confirm that this is a "subcontractor's option" to select the material of their choice.

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

Use Copper Type L for above ground domestic & industrial water piping per P0.02. Div 221116 will be updated and issued in addendum 3.

RESPONSE PROVIDED BY:	Richard Cruz, Stantec	DATE:	8/31/17
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**Attachment 4**

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

PBC # **22-R1**  
(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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	221119, page 2	DRAWING NUMBER:	P0.02

**REQUESTED CLARIFICATION:**

The listed products do not have Wilkins which is listed on P0.02 Backflow Preventer Schedule, so either add Wilkins to the specifications, or revise the schedule to a different Basis-of-Bid model by Ames (or other company per this section).

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

Wilkins will be added in the specifications to be consistent with P0.02. Div 221119 will be updated and issued in addendum 3.

RESPONSE PROVIDED BY:	Richard Cruz, Stantec	DATE:	8/31/17
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**Attachment 4**

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

PBC # **23-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	221223, page 2	DRAWING NUMBER:	P0.02

**REQUESTED CLARIFICATION:**

The PE Potable-Water Storage Tanks do not appear on P0.02 schedules. Confirm the location of the "PE" tanks, or delete this paragraph.

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

PE tank is not used for potable water and will be deleted from specifications. Div 221223 will be updated and issued in addendum 3.

RESPONSE PROVIDED BY:	Richard Cruz, Stantec	DATE:	8/31/17
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**Attachment 4**

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

PBC # **24-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	221223, page 2	DRAWING NUMBER:	P0.02

**REQUESTED CLARIFICATION:**

The Steel, Precharged, Potable Water Storage Tanks are listed as DT-1 & ET-1, however P0.02 Tank Schedule lists these at ET-1 & ET-2 by Amtrol and these are not listed in this section. Note that Section 223400 par. 2.3-A-1 specifies Expansion Tanks by Amtrol, so coordinate & correct to the basis-of-bid. Also, the P0.02 Tank Schedule lists ST-1,2 by Bradford White & SB-1 by Jensen both of which may need to be added to this section since those Tanks nor manufacturers are not listed at all in the specifications.

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

Follow P0.02. Div 221223 & 223400 will be updated and issued in addendum 3.

RESPONSE PROVIDED BY:	Richard Cruz, Stantec	DATE:	8/31/17
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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 # **25-R1**  
(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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com

SPECIFICATION NUMBER:	221423, page 2	DRAWING NUMBER:	P0.02 - P2.01
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REQUESTED CLARIFICATION:

Overflow Roof Drain ORD-2 is not listed on the P0.02 Plumbing Fixture Schedule. Confirm that this paragraph is to be deleted. Note that ODS-1 appears on the P0.02 Plumbing Fixture Schedule and is not listed in the specifications, and if added to the specs note that some of the ODS-1 outlets are 4" as shown on P2.01.

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

ORD-2 will be deleted. ODS-1 will be added to 221423 and will be issued in addendum 3.

RESPONSE PROVIDED BY:	Richard Cruz, Stantec	DATE:	8/31/17
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**Attachment 4**

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

PBC # **26-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	232500, page 3	DRAWING NUMBER:	M0.12

**REQUESTED CLARIFICATION:**

The manufacturers do not list Wingert as called out on M0.12 Chemical Pot Feeder Schedule. Confirm that Wingert is a pre-approved equal.

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

Wingert is an acceptable manufacturer.

RESPONSE PROVIDED BY:	Teng Yadao, Stantec	DATE:	8/31/17
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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 # **27-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	260543, page 1	DRAWING NUMBER:	E1.2 - E0.6A

**REQUESTED CLARIFICATION:**

Confirm the locations of any Concrete Encased Ductbanks as these are not currently "indicated on Contract Drawings". Note that E1.2 does not have any callouts for these ductbanks per Detail 1/E0.6A.

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

All MV and 600v. feeder duct banks shall be concrete encased per 260543. See revised Enlarged Site Electrical Plan E1.2 issued in Addendum 2.

RESPONSE PROVIDED BY:	Rob Rogers	DATE:	8/31/17
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**Attachment 4**

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

PBC # **28-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	220000	DRAWING NUMBER:	C1.50, LW - P1.11

**REQUESTED CLARIFICATION:**

The Lab Waste (LW) piping is shown on this drawing along with SS3 Cleanouts. The LW piping is also shown on P1.11. On both of these drawings, provide the piping size & type for each section.

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

Sizing information are currently reflected on the riser diagram and will be added on P1.11. P1.11 updates will be issued in addendum 3.

RESPONSE PROVIDED BY:	Richard Cruz, Stantec	DATE:	8/30/17
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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 # **29-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF-drawings

**REQUESTED CLARIFICATION:**

Generally there are many locations that do not have an Interior Elevation. If possible, provide an elevation for each Lab Wall.

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

Existing symbols legend, notes, casework menu, schedules, details, elevations, specifications, and other bid document information are sufficient. No additional lab casework elevations are required.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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 # **30-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF2.02A, Detail 1

**REQUESTED CLARIFICATION:**

One of the Dissection Tables has a pointer with a note, however the other table should have an arrow-pointer for that same note to confirm that the 2 tables are included in this bid.

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

See drawings revisions in forthcoming Addenda.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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 # **31-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF2.02A, Detail 1

**REQUESTED CLARIFICATION:**

The two "Stacked Zoology/Ornithology Cabinets" needs a "Tag" callout for more information such as "TA45" as shown on LF1.02 Casework Menu for these Tall Cabinets. Or provide the mfr. & model for these specialized cabinets.

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

See drawings revisions in forthcoming Addenda and refer to specifications.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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 # **32-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF2.02B, Detail 1

**REQUESTED CLARIFICATION:**

The second island from the right has no callouts for 6 of the Deck Service Fitting symbols which should be LV(2) & LG(2).

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

See drawings revisions in forthcoming Addenda.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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 # **33-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF2.02B, Detail 1

**REQUESTED CLARIFICATION:**

Confirm if the MP5442 unit has a finished epoxy top, or if this top is to be a Lab Casework material instead.

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

See drawings revisions in forthcoming Addenda.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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 # **34-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF2.02C, Detail 1

**REQUESTED CLARIFICATION:**

There appears to be a missing callout for "diamond 1" Pipe Drop Enclosure at this location.

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

See drawings revisions in forthcoming Addenda.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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 # **35-R1**  
(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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF2.02C, Detail 1

**REQUESTED CLARIFICATION:**

The far-left table has a callout for a PTD & SD, however the other 3 tables have either nothing or just an "SD" callout. Confirm that this is correct, or add additional callouts for PTD and/or SD as required near Sinks SK1. Note that the Island Sinks SK1 on LF2.03B each have an "SD" but no "PTD" called out.

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

See drawings revisions in forthcoming Addenda.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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 # **36-R1**  
(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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF2.03B, Detail 1

**REQUESTED CLARIFICATION:**

At the Fume Hood is a callout for "SS30C" and "KO36". Confirm if this correct, as there is no interior elevation to confirm.

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

Call outs correct as shown in drawing.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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 # **37-R1**  
(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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF2.03B, Detail 1

**REQUESTED CLARIFICATION:**

At the far-left & below the Fume Hood is a symbol that appears to be a Wall Cabinet for "diamond 3" above the G36\* Cabinet. Confirm if a "diamond 3" is to be included or not at this location.

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

See drawings revisions in forthcoming Addenda.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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 # **38-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF2.03B, Detail 1

**REQUESTED CLARIFICATION:**

The Fume Hood is called out as "4'CFH", however Sheet LF1.01 Chemical Fume Hood Schedule does not list this type. Provide the basis-of-bid mfr. & model and all other information called out in that schedule for this unit.

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

See drawings revisions in forthcoming Addenda.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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 # **39-R1**  
(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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF2.03C, Detail 1

**REQUESTED CLARIFICATION:**

At the upper-right, there appears to be some missing callouts for a "PTD" Paper Towel Dispenser & "SD Soap Dispenser at this location. Confirm if the bidders are to include these or not.

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

See drawings revisions in forthcoming Addenda.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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 # **40-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF2.03C, Detail 1

**REQUESTED CLARIFICATION:**

At the far-left, there are 6 Shelving units called out as "3624", however there is no callout for a "diamond" note. Confirm that these shelves should be "diamond 5", or other callout as the basis-of-bid since there is not interior elevation to confirm this item.

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

See drawings revisions in forthcoming Addenda.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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):

**41-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	LF4.06,Details 1,2,4,5,6,8

**REQUESTED CLARIFICATION:**

There are 7 callouts referring to Backing Plate "per Structural Detail G1/S0.5" that should be "G1/S0.50" instead.

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

See drawings revisions in forthcoming Addenda.

RESPONSE PROVIDED BY:	Mark Ranyak, RFD	DATE:	8/31/2017
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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):

**42-R1**

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

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	230000	DRAWING NUMBER:	M0.14, General Exhaust Valve Schedule

**REQUESTED CLARIFICATION:**

The following GE Valves AIRFLOW Maximum (cfm) do not match the listed CFM on the M-drawing Floor Plans:

- GEV-201 calls for 3040 cfm on the Schedule, but is 3030 cfm on M2.02
- GEV-202 is 970 vs. 870 on M2.02
- GEV-206 is 2000 vs. 2110 on M2.02
- GEV-207 is 2000 vs. 2110 on M2.02
- GEV-209 is 750 vs. 730 on M2.02
- GEV-212 is 1730 vs. 1930 on M2.02

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

GEV exhaust airflows in schedules are correct. Airflows in plans have been revised to match schedules. Sheets will be updated in Addendum #3 issue.

RESPONSE PROVIDED BY:	Teng Yadao, Stantec	DATE:	8/31/17
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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):

**43-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	221423	DRAWING NUMBER:	P0.02, Plumbing Fixture Schedule

**REQUESTED CLARIFICATION:**

RD-1 Roof Drain & OD-1 Overflow Drain are listed as Zurn Z100, however this company is not an approved mfr. in Section 221423 par. 2.1. Please coordinate & correct.

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

Follow P0.02. Spec 221423 to be updated and issued in addendum 3.

RESPONSE PROVIDED BY:	Richard Cruz, Stantec	DATE:	8/31/17
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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):

**45-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	E0.5, Lighting Fixture Schedule

**REQUESTED CLARIFICATION:**

Provide a Mounting Detail callout & a detail showing the in-ground concrete footing dimensions, rebar size & spacing (if any) for the following site lights: O1, SL4, SL5.

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

Will issue mounting details for Types 01, SL4 and SL5 in a forthcoming addendum.

RESPONSE PROVIDED BY:	Rob Rogers	DATE:	8/31/17
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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):

**46-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	E0.5D, Detail C

**REQUESTED CLARIFICATION:**

Confirm that the concrete footing for the Bollard is to be 4000 psi to match Details A,B/E0.5.

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

Yes, bollard concrete footing to be 4000psi.

RESPONSE PROVIDED BY:	Rob Rogers	DATE:	8/31/17
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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):

**47-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	260000	DRAWING NUMBER:	E1.2, Plan Notes 14

**REQUESTED CLARIFICATION:**

A callout of this Plan Note 14 does not appear on this Site Plan, add a callout if it is required or list as "not used" if it is not.

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

Plan Notes to be revised. See revised Enlarged Site Electrical Plan in forthcoming addenda.

RESPONSE PROVIDED BY:	Rob Rogers	DATE:	8/31/17
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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):

**48-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	280000	DRAWING NUMBER:	SE5.01, System Camera Schedule

**REQUESTED CLARIFICATION:**

The following Camera Device Numbers were not located on the SE Floor Plans: SC001, SC101, SC202, SC302. Add these callouts to the Floor Plans, or delete if not required.

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

Device numbers have been removed from the schedule. Updated as part of Addendum 2.

RESPONSE PROVIDED BY:	Michael Niola/ Guidepost	DATE:	8/31/17
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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):

**49-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	105626.13	DRAWING NUMBER:	page 4; par. 2.7-B

**REQUESTED CLARIFICATION:**

These paragraphs mentions that the "intermediate storage shelves of wire design", however the mfr. & system per par. 2.1-A Aurora Quik-Lok does not make wire shelving for the Mobile Storage Units. Confirm that the Aurora system bidder is approved to provide solid metal shelving.

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

Confirmed. Please provide solid metal shelving for the high density storage. Addendum 2 will reflect this change.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	8/31/17
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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):

**51-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com

SPECIFICATION NUMBER:	024116, page 3; par. 3.2-D	DRAWING NUMBER:	
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REQUESTED CLARIFICATION:

Provide a list of Salvaged Items as there is a lot of work associated with this scope-of-work if it exists.

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

The college will be removing all items required to be salvaged prior to start of demolition. To more clearly convey the existing items that should be accounted for in the demo scope, photos of the existing conditions will be taken after removal of salvaged items, and will be issued via forthcoming addendum.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	8/31/17
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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 # **52-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com

SPECIFICATION NUMBER:	312000, page 3; par. 2.1-D	DRAWING NUMBER:	C5.00
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**REQUESTED CLARIFICATION:**

The Base Course is listed per SSPWC 200-2.2 Crushed Agg Base, OR 200-2.4 Crushed Misc. Base. This means that the bidders will provide the base of their choice, however Section 321216 par. 2.1-A calls for Crushed Rock per SSPWC 400-4.2.3 for AC Paving base, and further Details 2,4/C5.00 mention that the base is CAB or CMB while Details 6,7,9/C5.00 mention Base Course "per Project Geotechnical Report". Note that the Geotechnical Report, page 19, Article 4.6.1 at the "Recommended Pavement Section Thickness" chart at the bottom has a note "\*\*\* Crushed miscellaneous base materials are not recommended to be use beneath pavement." However since this is a recommendation and not a Basis-of-Bid requirement, the bidders need direction on the Base Course under AC Paving and under Site Concrete Paving.

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

Specs section 321216, part 2.1 and details 2,4,6,7,9/C5.00 have been revised in forthcoming addenda to be Class 2 Aggregate Base per Project Geotechnical Report Recommendations. Crushed miscellaneous base shall not be utilized on the project.

RESPONSE PROVIDED BY:	WONCHUL LEE, KPFF	DATE:	8/31/2017
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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):

**53-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	321216, page 1; par. 2.1-B	DRAWING NUMBER:	

**REQUESTED CLARIFICATION:**

The Fine Aggregate is specified, however provide the location on this project where this material is used under Asphalt Paving, or delete if this is not required.

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

Fine aggregate is not used in the project and is deleted in the forthcoming addenda specs section 321216.

RESPONSE PROVIDED BY:	WONCHUL LEE	DATE:	8/31/2017
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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):

**54-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com

SPECIFICATION NUMBER:	321313, page 1; par. 2.1-A	DRAWING NUMBER:	
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REQUESTED CLARIFICATION:

Welded wire mesh is listed for the Site Concrete Paving, however none is shown on the C-drawings. Either delete this paragraph or confirm that this is a subcontractor's option to provide wire mesh instead of rebar since it is specified.

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

Welded wire mesh is not used in the project site concrete paving and is deleted in the forthcoming addenda specs section 321313.

RESPONSE PROVIDED BY:	WONCHUL LEE	DATE:	8/31/2017
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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):

**55-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com

SPECIFICATION NUMBER:	321313	DRAWING NUMBER:	
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**REQUESTED CLARIFICATION:**

Confirm if any Sealer and/or Densifier is to be included for the Site Concrete Paving since Section 321400 Unit Paving par. 2.5-2 calls for a BP Pro sealer at the pavers. If required, provide a mfr., product and application rate.

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

Sealer and/or densifier is not anticipated for the site concrete paving. This will be confirm with owner and mfr. products will accompany the forthcoming addenda if needed.

RESPONSE PROVIDED BY:	WONCHUL LEE	DATE:	8/31/2017
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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 # **56-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	321373	DRAWING NUMBER:	C5.00

**REQUESTED CLARIFICATION:**

There are no details on the L-drawings nor criteria showing the Site Concrete Joints in order to determine the quantity of this section. Provide details showing the CJ & EJ layouts for the site paving. Note that Detail 1/C5.00 shows the EJ, and Details 3,4,7/C5.00 Notes 3 mentions "see plan for location of Control Joints" however the plan does not have any callouts for CJ nor EJ

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

Parameters for control joints, expansion joints are provided in forthcoming addenda civil paving plan and details.

RESPONSE PROVIDED BY:	WONCHUL LEE	DATE:	8/31/2017
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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 # **57-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:		DRAWING NUMBER:	C1.50, Other Utilities Note U9

**REQUESTED CLARIFICATION:**

At the lower-left is a callout for U9 which needs a description at the Utility Construction Notes.

**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:	08/31/17
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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 # **58-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	321400	DRAWING NUMBER:	L1.01, Construction Legend Notes 2,3,4

**REQUESTED CLARIFICATION:**

Provide the pattern, texture & finish for each of the Unit Concrete Pavers since Section 321400 does not have that info.

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

Unit concrete paving refer to Construction Plan L1.01, Construction Legend # 2.

Concrete Paver

Type: 15"x30" mesa beige

Finish: Shotblast

Pattern: Running Bond

RESPONSE PROVIDED BY:	Kevin Yamachika/ LCI	DATE:	8/31/17
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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 # **59-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	321400	DRAWING NUMBER:	L1.01, Construction Legend Note 4

**REQUESTED CLARIFICATION:**

Provide the thickness of the 6x6 Mesa Beige Unit Pavers, such as 6 CM.

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

6x6 Mesa beige unit pavers not used and had been deleted

RESPONSE PROVIDED BY:	Kevin Yamachika/ LCI	DATE:	8/31/17
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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):

**60-R1**

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

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	321300	DRAWING NUMBER:	L1.01, Construction Legend Notes 5,6

**REQUESTED CLARIFICATION:**

Provide the Topcast Finish such as "03" matching Legend Notes 1 & 7, noting that Topcast needs to be added to Section 321313 par. 3.6 as well as deleting all non-used finish info in that paragraph. Also reference Details 1,2/L1.02 do not exist and need to be provided or refer to Detail 4,7/C5.00 and provide a detail for the "banding".

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

Top Cast Finish included in specs 321300 in forthcoming addenda specs. Refer to construction legend #1, 2, 3, and 5 on sheet L1.01 for concrete finish. Site concrete joints refer to civil plans. Banding is not used.

RESPONSE PROVIDED BY:	Bao-Tran Vo/KPFF , Kevin Yamachika/ LCI	DATE:	08/31/17
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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 # **61-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	033000	DRAWING NUMBER:	A065, Detail 1

**REQUESTED CLARIFICATION:**

The area within the CMU walls at the Generator does not identify the finish of this area around the Electrical Equipment Pads, such as Rock or Soil or DG or other. However if this area is to be a concrete slab, the following sheets do not identify the info for the concrete slab thickness, base type & thickness (if any), rebar size & spacing (if any), slab finish type, CJ & EJ info, etc.: 1/A065, A/S2.61, C1.60 nor L1.01.

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

Per 1/A065, the area within CMU walls at the Generator is 8" concrete slab with 6" equipment pads on top. Please refer to 1/S0.11 for typical slab on grade details. Control and Expansion joints per C1.60.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	8/31/17
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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):

**62-R1**

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 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com

SPECIFICATION NUMBER:		DRAWING NUMBER:	A066, Detail 6
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REQUESTED CLARIFICATION:

Provide a footing detail for the Automatic Door Operators including dimensions, and rebar size & spacing info.

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

Refer to Addendum 2 for update detail 6/A066.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	8/31/17
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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 # **63-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	087100	DRAWING NUMBER:	A082 - A067

**REQUESTED CLARIFICATION:**

Doors SC001B & SC001C Gates call for HDWE Group SH-20, however Section 087100 (page 54) calls for these doors to be "HMD x HMF" but these are Gates per Detail 5/A067 which show HSS Tube Steel instead.

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

Gates SC001B and SC001C are gates to have Tube Steel per detail 5/A067. Change will be updated in forthcoming addendum.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	8/31/17
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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):

**64-R1**

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

DATE:	August 7th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	321313	DRAWING NUMBER:	C1.60/L1.01

**REQUESTED CLARIFICATION:**

At the upper-left, the Limit-of-Work Line is on the right-side of the sidewalk (runs north-south) signifying that this sidewalk is not to be included, however on L1.01 that Limit-of-Work is on the left-side of that sidewalk and should be included. Coordinate & match these drawings to each other.

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

Limit of work clarified on forthcoming addenda civil plans. The sidewalk is existing and to be protected in place.

RESPONSE PROVIDED BY:	WONCHUL LEE	DATE:	8/31/2017
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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 # **65-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

DATE:	8/22/2017		
FROM:	Max McLellan, ICON Building Supplies	EMAIL:	max@iconbuildingsupplies.com
SPECIFICATION NUMBER:	1718-173	DRAWING NUMBER:	

**REQUESTED CLARIFICATION:**

Hi, Can you please let me know what the specific DVBE goal i for thi sprojec/ and is it a required spenging goal? or a good faith effort?

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

The DVBE participation percentage is on a project by project basis and a good faith effort. Refer to the form in the RFP on page 8, Attachment 5.

RESPONSE PROVIDED BY:	Allison Coburn	DATE:	8/22/17
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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):

**66-R1**

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 25th, 2017		
FROM:	Luis Giordano McCarthy Building Companies	EMAIL:	lgiordano@mccarthy.com
SPECIFICATION NUMBER:	RFP, Tab D, Attachment 5	DRAWING NUMBER:	

**REQUESTED CLARIFICATION:**

In reference to RFP, Contents of Proposal, (TAB D), Additional Forms, Attachment 5 – ‘Designated Subcontractors List’, will the district allow Proposers to submit all information as requested on page 5 of Attachment 5 within 24 hours of submitting proposals?

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

At a minimum, Contractors must include subcontractors name, location of business, and California contractor license number on the designated form with their proposal. All remaining information on the form may be provided no later than 24 hours after the deadline to submit the proposal.

RESPONSE PROVIDED BY:	Allison Coburn	DATE:	8/31/17
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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):

**67-R1**

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:	074213, 074243	DRAWING NUMBER:	AO11

**REQUESTED CLARIFICATION:**

**SUBJECT: Color Selection for Metal Panel Finishes**  
Both specification sections stated above, read as shown.  
074213-3, paragraph 2.5 Finish, 1. Colors Refer to Material Identification Codes.  
074243-2, paragraph 2.5 Finish, B. Colors: Refer to Material Identification Codes

The colors are indicated on drawing A011 Material ID Codes for metal panels MP-1A, MP-1B, MP-1C, but not for MP-2A; this reads "color selected by Architect".  
Please provide:

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

MP-2A color to be Weathered Zinc (Mica).

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	8/30/17
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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):

**68-R1**

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:	011100	DRAWING NUMBER:	A062, A011

**REQUESTED CLARIFICATION:**

Sheet A062, note a bottom right says "Greenhouse assembly and glazing provided by Greenhouse Vendor. CMU wall base provided by Contractor". Sheet A011 calls for International Greenhouse as the Manufacturer.

Please clarify if procurement and installation of the Greenhouse assembly and glazing is part of the General Contractor scope or whether it is contracted direct by the District, therefore NIC. If it is part of the General Contractor scope, please provide Manufacturer rep contact info, model number, spec sheets and product details.

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

Procurement and installation of the Greenhouse assembly to be provided by General contractor.

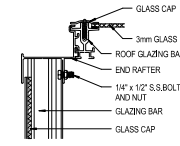
Please contact: Jeff Bridgewater (jeff.bridgewater@igcusa.com) and Ben George (ben.george@igcusa.com) from International Greenhouse as basis of design. Model number is TR2040DG.

Refer to non-DSA approved basis of design Greenhouse details on the following page for reference.

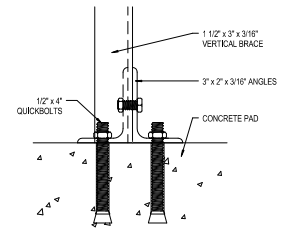
RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	8/30/17
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*Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.*

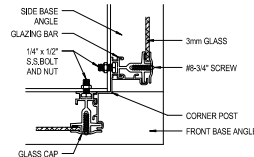
**GREENHOUSE IS DEFERRED APPROVAL AND WILL REQUIRE FULLY ENGINEERED SUBMITTAL PACKAGE. DETAILS ON THIS SHEET ARE PROVIDED FOR BASIS OF DESIGN.**



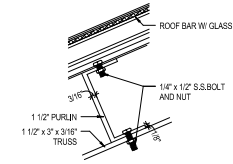
9 END RAFTER DETAIL  
6" = 1'-0"



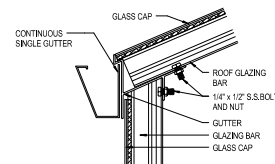
5 VERTICAL BRACE ANCHORING  
6" = 1'-0"



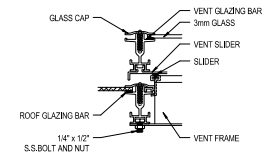
8 CORNER POST DETAIL  
6" = 1'-0"



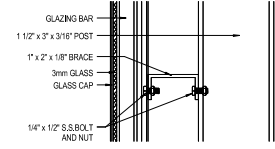
4 PURLIN SECTION  
6" = 1'-0"



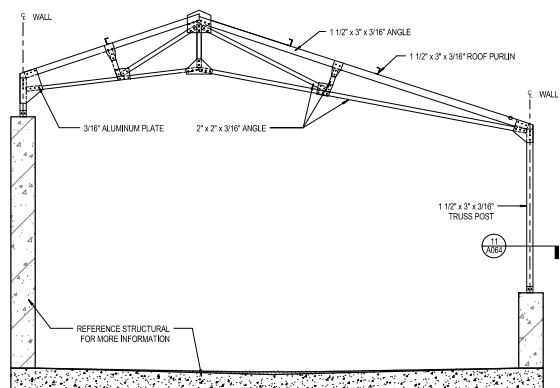
12 GUTTER DETAIL  
6" = 1'-0"



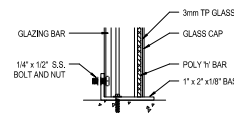
7 VENT AND ROOF BAR DETAIL  
6" = 1'-0"



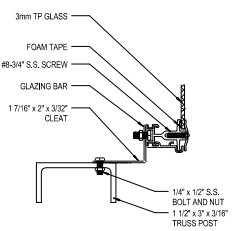
3 BRACE CONNECTION DETAIL  
6" = 1'-0"



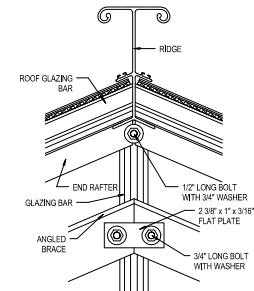
13 SECTION AT TRUSS ASSEMBLY  
1/2" = 1'-0"



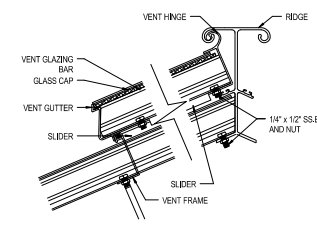
11 TRUSS POINT CLEAT DETAIL A  
6" = 1'-0"



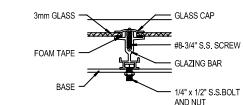
10 TRUSS POINT CLEAT DETAIL B  
6" = 1'-0"



6 END RAFTER MITRE DETAIL  
6" = 1'-0"



2 VENT AND RIDGE DETAIL  
6" = 1'-0"



1 GLAZING BAR  
6" = 1'-0"

NO.	DESCRIPTION	DATE

HGA NO: 3594-00100

**GREENHOUSE DETAILS**

DATE: JULY 06, 2017

**A06A**

15/ 4/20/17 11:42:20 AM C:\Users\hnm\OneDrive\Documents\Greenhouse\Greenhouse Details\A06A.dwg

**Attachment 4**

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

PBC #  
(RSCCD USE ONLY):

**69-R1**

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:	012300, 230000	DRAWING NUMBER:	

**REQUESTED CLARIFICATION:**

**Warranties:**

Spec 012300, paragraph 3.03 A calls to provide a 3-year extended warranty.  
In the case of HVAC, spec 230000 , paragraph 1.35 A calls for a 2-year warranty.

Please clarify if the alternate is an additional warranty for a total of 5 years or a 3-year warranty in lieu of the 2 year warranty, and does it apply to all trades specified.

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

Alternate listed in specification indicates providing pricing for a labor warranty for 3-years total (in lieu of 2) for the work categories listed.

RESPONSE PROVIDED BY:	Allison Coburn	DATE:	8/28/17
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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 # **70-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

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

SPECIFICATION NUMBER:	RFP	DRAWING NUMBER:	
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**REQUESTED CLARIFICATION:**

RFP paragraph 2.1. District's Evaluation: Methodology and Approach section states there will be 80 possible points allotted towards the "Firm's approach and methodology for construction services" yet there is no reference to this being required in the Attachment 6 "Required GMP Template Workbook". Is the Firm's Methodology and Approach required as part of the Contents of the Proposal submittal? If yes, please advise what tab this falls under:

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

Methodology and Approach may be summarized at the beginning of TAB A separate from the GMP Template Workbook.

RESPONSE PROVIDED BY:	Allison Coburn	DATE:	8/30/17
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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 # **71-R1**  
(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:	<b>Coburn_Allison@rsccd.edu</b>

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

**REQUESTED CLARIFICATION:**

Page 5, paragraph 1.2 (Tab B) Contractor's Subcontractors. The description of this tab refers to Attachment 3, which is the "Subcontractor Procurement Process" that all Contractor's shall follow.  
The List of Subcontractors is currently part of Attachment 5, which is required under Tab D: Additional Forms.  
It doesn't look like any information needs to be provided for tab B. We are under the assumption that this tab will not be used to list the Designated Subcontractors. Please clarify what information is to be provided under Tab B:

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

TAB B shall be where the Contractor indicates that they have adhered to the process described in Attachment 3. The listing of subcontractors as Attachment 5 shall be provided in proposal under TAB D.

RESPONSE PROVIDED BY:	Allison Coburn	DATE:	8/30/17
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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):

**72-R1**

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:	RFP	DRAWING NUMBER:	
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**REQUESTED CLARIFICATION:**

Page 2, under "Proposals" states that the "Firm's response shall not exceed sixty (60) pages." Does this count include the Workbook tabs?

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

The 60 page count may exclude the GMP Workbook tab.

RESPONSE PROVIDED BY:	Allison Coburn	DATE:	8/30/17
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*Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.*