



Chabot-Las Positas Community College District

CHANGE ORDER

Distribution to:

OWNER	Chabot Las Positas Community College District	Contract # 552315
ARCHITECT	Harley Ellis Devereaux	Architects Project #:2015-30004-000
CONTRACTOR	W. A. Thomas Co. Inc.	DSA File # 1 - C2
		DSA App. # 01-116361

PROJECT:	Biological Sciences Building Annex B2100 Phase 1	CHANGE ORDER NUMBER: 013 INITIATION DATE: September 30, 2021
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TO (Contractor):	W. A. Thomas Company, Inc. 2356 Pacheco Blvd. Martinez, CA 94553	CONTRACT FOR: Bid NO:18-01 CONTRACT DATE: February 21, 2018
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Contractor accepts the terms and conditions stated as full and final settlement of any and all claims arising from this Change Order. Contractor agrees to perform the below described changes in accordance with the terms set forth herein and in compliance with applicable sections of the Contract Documents. This Change Order is hereby agreed to, accepted and approved, all in accordance with the General Conditions of the Contract Documents. The adjustment of the Contract Price and the Contract Time for the changes noted in this Change Order (the "Changes") represents the full and complete adjustment of the Contract Time and the Contract Price due the Contractor for providing and completing such Changes, including with limitation: (i) all costs (whether direct or indirect) for labor, equipment, materials, tools, supplies and or services; (ii) all general and administrative overhead costs (including without limitation, home office, field office and Site general conditions costs) and profit; and (iii) all impacts, delays, disruptions, interferences, or hindrances in providing and completing the Changes. Contractor waives all rights, including without limitation those arising under Civil Code Section 1542, for any other adjustment of the Contract Price or the Contract Time on account of the Changes set forth in this Change Order or the Contractors performance and completion of the Changes.

Not valid until signed by both the Owner and Architect. Signature of the Contractor indicates his agreement herewith, including any adjustment in the Contract Sum or Contract Time.

CONTRACT SUM

The original Contract Sum	\$ 20,150,000
Net change by previously authorized Change Orders	\$ 66,050
The Contract Sum prior to this Change Order was	\$ 20,216,050
The Contract Sum will be (increased) by this Change Order	\$ 89,907
The new Contract Sum including this Change Order will be	\$ 20,305,957

CONTRACT ALLOWANCE

The original Allowance included in Contract Sum	\$ 840,000
Adjustment by previously authorized Change Orders	\$ 840,000
Allowance will be (decreased) by this Change Order	\$ 0.00
Adjusted remaining Allowance	\$ 0.00

CONTRACT TIME

The Contract Time changed by 2 Calendar Days (635 Days + 2 Days)	637 Days
The Date of Substantial Completion as of the date of this Change Order therefore is:	December 9, 2019

Pursuant to the General Conditions, this Change Order Form shall be used for all Change Orders associated with the Work. No additions or deletions to this form shall be allowed, except with permission of the District.

You are hereby directed to provide the extra work necessary to comply with this Change Order.

**SPECIAL CONDITIONS
CHANGE ORDER FORM**

1. **DESCRIPTION OF CHANGE; WATCO CE 17141.2, RFI #417, Bulletin 35, CFD #67** – On site coordination meeting determined that the drawing and specification updates were required to clarify the design intent for the wood display case doors, including materials, sizes, hinges, and lighting. Contractor 0-day Time Extension.
 - a. Requested by: District
 - b. Reason: Design clarification

Add: \$ 17,061.00

2. **DESCRIPTION OF CHANGE; WATCO CE 17156, Bulletin 06** – Off haul spoils associated with the additional trenching and underground vaults associated with Bulletin 06.
 - a. Requested by: District
 - b. Reason: Owner Requested

Add: \$ 1,859.00

3. **DESCRIPTION OF CHANGE; WATCO CE 17164.3, CFD #40-40.3** - During the excavation across the service road for the telecom and fiber optic conduits it was discovered that the existing utilities were capped concrete. The concrete cap was removed for the installation of the telecom and fiber optic conduits. Contractor 0-day Time Extension
 - a. Requested by: District
 - b. Reason: Unforeseen Conditions

Add: \$ 28,222.00

4. **DESCRIPTION OF CHANGE; WATCO CE 17230.1, RFI #504-504.3** – The Contract Documents did not provide for the drip pan assemblies for the condensate lines in the ceiling spaces. RFI 504.1 added these assemblies. Contractor 0-day Time Extension.
 - a. Requested by: District
 - b. Reason: Error and Omission

Add: \$ 27,288.00

5. **DESCRIPTION OF CHANGE; WATCO CE 17243.2, RFI #516.3** - It was discovered that the specified restroom soap dispenser was not compatible with the specified sink. New soap dispensers that are compatible with the sinks were provided and installed. Contractor 0-day Time Extension.
 - a. Requested by: District
 - b. Reason: Error and Omission

Add: \$ 1,105.00

6. **DESCRIPTION OF CHANGE;** WATCO CE 17262.1, Bulletin #4.1 – Relocation of concrete walkway, grading revisions as the result of the installation of the Bulletin 6 transformer. Contractor 1-day Time Extension.

- a. **Requested by:** District
- b. **Reason:** Owner Requested

Add: \$ 6,402.00

7. **DESCRIPTION OF CHANGE;** WATCO CE 17266, As requested by the District, paint an additional 178 feet of "Red" curb. Contractor 0-day Time Extension.

- a. **Requested by:** District
- b. **Reason:** Owner Request

Add: \$ 385.00

8. **DESCRIPTION OF CHANGE;** WATCO CE 17272.1, CFD #87 - As requested by the District furnish and install an additional 88 LF of roof walk pads. Contractor 0-day Time Extension

- a. **Requested by:** District
- b. **Reason:** Owner Request

Add: \$ 2,555.00

9. **DESCRIPTION OF CHANGE;** WATCO CE 17285, RFI #504, CFD #95 - Provide leak testing of condensate piping drip pans. Contractor 0-day Time Extension.

- a. **Requested by:** District
- b. **Reason:** Errors and Omissions

Add: \$ 1,819.00

10. **DESCRIPTION OF CHANGE;** WATCO CE 17287.1, RFI #554, CFD #94 – It was discovered that the Contract Documents did not provide for GFCI protection of the convenience electrical outlet in Elevator Machine Room 02, as required by code. Contractor 1-day Time Extension.

- a. **Requested by:** District
- b. **Reason:** Errors and Omissions

Add: \$ 1,703.00

11. DESCRIPTION OF CHANGE; WATCO CE 17288, RFI #559, CFD #101 – Despite the epoxy coating for marine environments the manufacture of the roof top mechanical system water pumps does not recommend these pumps be installed in outdoor conditions. Install pump enclosures as directed in RFI #559. Contractor 0-day Time Extension.

- a. Requested by: District
- b. Reason: Errors and Omissions

Add: \$ 2,553.00

12. DESCRIPTION OF CHANGE; WATCON CE 17289, CFD #92 – Authorized overtime (premium portion only) to polish the second-floor concrete floors. Contractor 0-day Time Extension.

- a. Requested by: District
- b. Reason: Schedule Accommodation

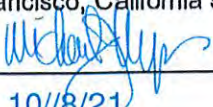
Add: \$ 955.00

Total Cost of this Change Order: \$ 89,907.00

AUTHORIZED:

Architect:

Harley Ellis Devereaux
417 Montgomery Street, Suite 400
San Francisco, California 94104

By 
Date 10/18/21

Contractor:

W. A. Thomas Company, Inc.
2356 Pacheco Blvd.
Martinez CA 94553

By 
Date 9/30/21

Owner:

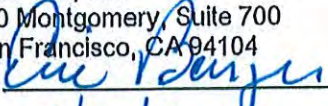
CLPCCD
7600 Dublin Boulevard, 3rd Floor
Dublin CA 94568

By _____
Date _____



Construction Manager:

Vanir CM, Inc.
180 Montgomery, Suite 700
San Francisco, CA 94104

By 
Date 9/30/2021

Project Manager:

Michael Garr, PPM – Chabot College

By _____
Date _____

VC, Facilities Bond/Program
and Operations

By _____
Date _____

W. A. THOMAS CO., INC

2356 Pacheco Blvd
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

Biological Sciences B2100 Building Annex
Chabot College

WATCO Job No. 518

25555 Hesperian Blvd., Hayward CA 94545

CHANGE ESTIMATE No. 17141.2

9/10/2021

Revised

Item	Hrs	Material / Equip.	Labor	Subcontractor	Total
<u>Change Description:</u>					
Provide revised Door, Display Cabinets, and electrical per Bulletin #35 and RFI# 415 response					
<u>Breakdown of Estimated Subcontractor Costs:</u>					
				\$0	\$0
BME Cost proposal dated 4/10/20				\$3,423	\$3,423
KD Specialties Display Cabinet Costs - Change Model to "Contemporary" all display cases, at manifold cabinet, change from one 4x6 to 2 each 4x3 each location - Backup Dated 10/16/20		\$2,604		\$0	\$2,604
City Door & Hardware quote dated for Door, Jamb & Hardware Changes		\$6,736		\$0	\$6,736
Wood Door Jamb - KBI Painting Field Finish 8 hrs for wood jamb				\$867	\$867
<u>Qualifications: Price for itemized work only listed on subcontractor quotation. Overtime excluded. Any extra work not noted or unforeseen conditions will be priced separately.</u>					
				\$0	\$0
				\$0	\$0
<u>W. A. Thomas Co., Inc. Work</u>					
Increased cost to set KD wood Jamb vs. HM	6	\$0	\$595		\$595
Increased labor cost to install 2 more Display Cases	2	\$0	\$186		\$186
Shims, screws, trash removal, consumables - materials	0	\$50	\$0		\$50
	0	\$0	\$0		\$0
		\$0	\$0		\$0
Subtotal		\$9,390	\$781	\$4,290	\$14,461
Tax 10%					\$939
15% on WATCO work (\$2325+\$781+ \$50+\$5543)					\$1,305
5% on Subcontractor Costs (\$2971+\$777)					\$187
1% Bond					\$169
Total Lump Sum					\$17,061

Additional Time: None

This quotation is based solely on the direct cost elements involved for the change noted and does not include any evaluation of the impact or the subject change upon the contract time or any costs related thereto. This quotation is only for the work described herein.

CE 17141.1
518



Chabot-Las Positas Community College District

Construction Field Directive

To: W.A. Thomas Co., Inc.
Project: Biological Sciences B2100 Building Annex

Field Dir. 67
Issue: 10/22/2020

Description of Work:

- Provide all labor, material, and equipment to modify/revise the doors, bulletin cabinet, and electrical as directed in Bulletin 35 and RFI 415.

Reason for Directive:

- The original design with Hollow metal door frames would not work as detailed with the wood paneling.

Direction:

- Proceed with work on T&M Basis; submit T&M back-up daily.
Cost not to exceed \$.00 estimate
Contractor shall notify Construction Manager when costs reach 80% of the Not to exceed amount.
- Proceed with work, provide Credit amount for this change in contract documents.
- Proceed with work, submit signed T&M back-up Daily, unless PCO is provided prior and approved.
- Proceed with work, work considered in scope of contract.
- Proceed with the work in accordance with the proposal CE #17141.1 dated October 16, 2020 in the amount of \$ 17,061.00
The work will be added to the contract by change order.

By Eric Benzer
VanirCM, Inc. Construction Manager

10/22/2020
Date

By Michael Gann
Chabot College Campus Project Planner/Mgr.

10/22/2020
Date

Jim Smith

From: Celena O'neil <celena@citydoor.com>
Sent: Monday, November 4, 2019 10:27 AM
To: 'Sonia Carrillo'
Cc: 'Jim Smith'; 'Bill Luce'; tonya@wathomas.net; nick@wathomas.net; Rita Liang
Subject: RE: #518 Chabot B2100

The wood doors have an approx. ETA 11/13/19.

I can order a larger sample veneer but doors are on order per approved returned submittals 081416-124.0 arch remarks on wood door product data. " plain sliced white maple pre-finish clear"

Celena O'Neil
Estimator
City Door & Hardware
165 13th Street
San Francisco, CA 94103
celena@citydoor.com
Ph: 415.431.0400 *107
Fax: 415.431.0479

From: Sonia Carrillo [mailto:sonia@wathomas.net]
Sent: Wednesday, October 30, 2019 2:47 PM
To: celena@citydoor.com
Cc: Jim Smith; Bill Luce; tonya@wathomas.net; nick@wathomas.net
Subject: #518 Chabot B2100

Hi Celena

Attached is your reviewed submittal and some photos referring back to this rejected submittal. Tonya is trying to get a hold of you to explain the photos and what they are looking for in the resubmittal. Please call her back at your earliest convenience.

- 081416-149.2

Thank you,

Sonia Carrillo
W. A. Thomas Co., Inc.
(925) 228-9600

CE 17141
518



DBA City Lumber & Hardware Inc. | 165 13th Street San Francisco, California 94103
Phone 415.431.0400 | Fax 415.431.0479 | www.citydoor.com

TO:	WA THOMAS	QUOTE:	BULLETIN 35
ATTENTION:	SONIA CARRILO	DATED:	03/04/20
EMAIL / FAX:	925-228-9600	BY:	RITA
JOB:	CHABOT COLLEGE B2100 BIO SCIENCE BLDG	TERMS:	30 DAYS NET
PER:	BULLETIN 35	REVISED 03-27-20	

QUANTITY	ITEM	FINISH	EA.	TOTAL
	OPENINGS 2181B AND 28182E DISPLAY CASE PAIR WOOD DOORS			
12	218 SOSS CONCEALED HINGES FOR 1-3/4 DRS	626	\$ 38.08	\$ 456.96
2 SETS	2/ 3'0 X 6'6 X 1-3/4" PAIR FLUSH WOOD DOORS TYPE "AA" PRE-FINISH CLEAR PLAIN SLICED WHITE MAPLE RHRA PREP SOSS HINGES AND DEADBOLT		\$1,390.50	\$ 2,781.00
2 SETS	MAPLE DOUBLE 1-1/2" WOOD JAMB 4 SIDED PREP FOR SOSS HINGES & FLUSH BOLTS TOP & BOTTOM & PRE-HUNG KNOCK DOWN WITH PAIR DOORS ABOVE.		\$1,485.00	\$ 2,970.00
	REMAKE WOOD DOORS PREP BUTT HINGES DOORS ARRIVED 11/15/19 NO CREDIT FOR DOORS ALREADY ORDERED AND IN OUR WAREHOUSE. EXCEPT BUTT HINGES REMAINDER OF HDW GROUP 25 CAN RE-USE DEADBOLT & FLUSHBOLTS.			
	ESTIMATE VALID FOR UP TO 60 DAYS APPROX 8 WEEKS FACTORY LEAD TIMES.			
			SUB-TOTAL:	\$ 6,207.96
			TAX:	\$ 527.68
	REVISED TO ADD MAPLE JAMBS 03-27-20		TOTAL (INCLUDES SALES TAX.):	\$ 6,735.64

LESS 12% MV-MATERIAL COST \$ 5542.82

APPROVED BY: _____

DATED: _____

CHANGE ORDER NUMBER: _____

CE 17141.1



Corporate Office - Mail 888-767-7006 Tel
215 Devasher Road 270-726-7880 Tel
Russellville, KY 42276 270-726-7889 Fax

Installation Office Ceres CA 95307
CMU REG 1.000000342

Date: October 16, 2020

To: W.A. Thomas Co., Inc.
Attn: Tonya Fowler
Re: Chabot Bulletin board cabinet COR Revised

To delete 4ea. 310D 6'x4' Bulletin board cabinets and adding 4ea. 3'x4' Contemporary Bulletin board cabinets and 2ea. 6'x4' Contemporary Bulletin board cabinets results in an added cost of:

Added Contemporary Cabinets: \$6,069.00
Deduct 310D Display Cased: \$3,744.00
Material SubTotal: \$2,325.00
MU 12%: \$ 279.00

Total Requested: \$2,604.00

Submitted by,
John Bedard
john@kdspecialty.com

CE11141



BME ELECTRICAL CONSTRUCTION, INC.

1281 30TH STREET
OAKLAND, CA 94608
OFFICE: 510.208.1967 FAX: 510.208.1966
CA C-10 # 887811

4/10/20

DIR # 100002993

TO: Jim Smith
WA Thomas

RE: Chabot College B2100 Additional Connection/Relocations Bulletin Power

We are pleased to provide a proposal on the above referenced project. Our proposal is based on the following information:

1. Electrical Based Solely on Additional Engineered Electrical Design by ARUP/HED
2. BME Interpretation of Engineered Drawings and Specifications
3. This is A Change Order to an Existing Contract
4. BME is Providing Lump Sum Pricing
5. Based on Revised Bulletin Board Installations

INCLUDED:

1. (LOT) BME Conduit and Backboxes
2. (ALL) BME Coordination/Layout/Clean-up ETC.

BME Subtotal	\$2,971.50
Markup @ 12%:	\$ 356.58
Bond @ 2.85%:	\$ 94.85
BME Total:	\$3,422.93

EXCLUSIONS:

1. All Items Not Shown Above
2. All Low Voltage Systems Cabling or Conduit Systems (Tele/Data, Security, Mechanical, BMS, Etc.)
 - a. Unless Specifically Included in Proposal
3. Relocation/Re-work of Utilities/Existing to Remain Electrical Items- Unless Specifically Shown on Drawings
4. Any Specialty Finishes (Interior and/or Exterior)
5. Any Systems Not Shown on Drawings
6. No Spare Parts Provided Unless Shown Above
7. Painting
8. Removal/Repair of Existing Surfaces
9. Protection of Existing Surfaces
10. Any Fees/Costs Associated with Campus/College Personnel
- 28 Premium Time
11. Electrical Engineering
12. Structural Engineering
13. Seismic Engineering
14. BIM Modeling
15. Drawings

If there are any questions or concerns, please contact us.

Sincerely,

Sasha McGraw BME Electrical Construction, Inc.

Job ID: 4-10-20
 Project: Chabot Bulletin Board



Bid Summary Report

Vendor: TARGET Labor Level: NECA 3 10 Mar 2020 10:02:12
 Tax Rate status: Default Bid Name: BASE BID Bid Template: BASIC (EXPANDED O&P)

Drawing	Phase	Quote \$	Material \$	Equip \$	SubCon \$	Labor Hrs
	COORDINATION/LAYOUT/CLEAN UP	0.00	0.00	0.00	0.00	8.00
	DEVICES	0.00	92.52	0.00	0.00	15.16
	Sheet Totals:	0.00	92.52	0.00	0.00	23.16
	Tax:	0.00	8.56	0.00	0.00	

Bid Notes:

Sub Total (Quo/Mat/Equip/Sub):	92.52
Sales Tax:	8.56
Sub Total:	101.08

TAX RATES

Material:	9.2500%
Quote:	9.2500%
Labor:	0.0000%
Equipment:	0.0000%
Subcontract:	0.0000%
Job:	0.0000%

Direct Labor \$:	2,870.42
Indirect Labor \$:	0.00
Labor Escalation:	0.00
Labor Tax:	0.00
Direct Job Costs (0.00%):	0.00

MISCELLANEOUS

Avg. Lbr. Rate (Cost):	123.93
Avg. Lbr. Rate (Bid):	123.93
Total Square Feet:	1.00
Cost Per Sq. Ft.:	2,971.50
Labor \$ Per Sq. Ft.:	2,870.42
Labor Hrs Per Sq. Ft.:	23.16
Quantity of Units:	1.00
Cost Per Unit:	2,971.50
Calc. Adjustment:	0.00%

Prime Cost:	2,971.50
Overhead (Avg. 0.00%):	0.00
Net Cost:	2,971.50
Profit (Avg. 0.00%):	0.00
Job Tax:	0.00
Bond (0.0000%):	0.00
Lump Sum:	0.00
Selling Price:	2,971.50

BME Electrical Construction, Inc

1281 30th Street
 Oakland, CA 94608

Phone: 510.208.1967
 Web:

LABOR ADJUST										
ESTIMATED HOURS	ELECTRICAL	MACHINE OPERATOR	LOW VOLTAGE	Labor Class 4	Labor Class 5	Labor Class 6	Labor Class 7	Labor Class 8	Labor Class 9	Labor Class 10
REGULAR	23.16	--	--	--	--	--	--	--	--	--
OVERTIME	--	--	--	--	--	--	--	--	--	--
SHIFT-2	--	--	--	--	--	--	--	--	--	--
SHIFT-3	--	--	--	--	--	--	--	--	--	--
DOUBLE TIME	--	--	--	--	--	--	--	--	--	--
ESTIMATED HOURS:	23.16	--	--	--	--	--	--	--	--	--
LOSS LBR ADJ:	--	--	--	--	--	--	--	--	--	--
CALCULATED HRS										
REGULAR	23.16	--	--	--	--	--	--	--	--	--
OVERTIME	--	--	--	--	--	--	--	--	--	--
SHIFT-2	--	--	--	--	--	--	--	--	--	--
SHIFT-3	--	--	--	--	--	--	--	--	--	--
DOUBLE TIME	--	--	--	--	--	--	--	--	--	--
TOTAL ADJ LABOR:	23.16	--	--	--	--	--	--	--	--	--
TOTAL ADJUSTED LABOR HOURS:										23.16

DIRECT LABOR						
Labor Class	Job Description	Labor Type	Crew	Rate	Man Hours	Extension
ELECTRICAL	JOURNEYMEN	REGULAR	1	\$123.93	23.16	\$2,870.42
AVERAGE DIRECT LABOR RATE:						\$123.93
TOTAL DIRECT LABOR:						\$2,870.42

INDIRECT LABOR			
Labor Description	Hours	Rate	Ext \$
TOTAL INDIRECT LABOR:			\$0.00

DIRECT LABOR TOTAL:	2,870.42
INDIRECT LABOR TOTAL:	0.00
LABOR ESCALATION:	0.00
LABOR \$ ADJUSTMENT:	0.00
LABOR TAX:	0.00
LABOR TOTAL:	\$2,870.42
MATERIAL:	92.52
MATERIAL ESCALATION:	0.00
MATERIAL ADJUSTMENT:	0.00
MATERIAL TAX:	8.56
MATERIAL TOTAL:	\$101.08

QUOTES		
Component	Vendor	Amount

QUOTED MATERIAL:	0.00
ADJUSTMENT:	0.00
QUOTE TAX:	0.00
QUOTED MATERIAL TOTAL:	\$0.00

BME Electrical Construction, Inc	1281 30th Street Oakland, CA 94608	Phone: 510.208.1967 Web:
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SUBCONTRACTS		
Component	Vendor	Amount

SUBCONTRACTS:	0.00	
ADJUSTMENT:	0.00	
SUBCONTRACT TAX:	0.00	
SUBCONTRACTS TOTAL:		\$0.00

EQUIPMENT		
Component	Vendor	Amount

EQUIPMENT:	0.00	
ADJUSTMENT:	0.00	
EQUIPMENT TAX:	0.00	
EQUIPMENT TOTAL:		\$0.00

DIRECT JOB COSTS	
Description	Dollars

TOTAL DIRECT JOB COSTS:	\$0.00
JOB COST w/NO OVERHEAD:	\$2,971.50

OVERHEAD	
MATERIAL OVERHEAD:(0% markup)	0.00
QUOTES OVERHEAD:(0% markup)	0.00
LABOR OVERHEAD:(0% markup)	0.00
SUBCONTRACTS OVERHEAD:(0% markup)	0.00
EQUIPMENT OVERHEAD:(0% markup)	0.00
DJC OVERHEAD:(0% markup)	0.00

TOTAL OVERHEAD:	\$0.00
JOB COST w/OVERHEAD:	\$2,971.50

PROFIT	
MATERIAL PROFIT:(0% markup)	0.00
QUOTES PROFIT:(0% markup)	0.00
LABOR PROFIT:(0% markup)	0.00
SUBCONTRACTS PROFIT:(0% markup)	0.00
EQUIPMENT PROFIT:(0% markup)	0.00
DJC PROFIT:(0% markup)	0.00

TOTAL PROFIT:	\$0.00
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MISCELLANEOUS	
JOB TAX:	0.00
BOND:	0.00

MISCELLANEOUS TOTAL:	0.00
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BME Electrical Construction, Inc	1281 30th Street Oakland, CA 94608	Phone: 510.208.1967 Web:
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LUMP SUM		
LUMP SUM 1:	0.00	
LUMP SUM 2:	0.00	
LUMP SUM 3:	0.00	
LUMP SUM 4:	0.00	
LUMP SUM TOTAL:		0.00
BID TOTAL:		\$2,971.50

CE 17041

RFI 518



BME ELECTRICAL CONSTRUCTION, INC.

1781 JOHNS STREET
OAKLAND, CA 94608
OFFICE: 510.208.1967 FAX: 510.208.1966
CA C-10 # 887811

DATE: 11/14/19

TO: WA Thomas, Inc,

RE: Chabot College B2100 Annex
Bulletin 35 RFI

Below are RFIs that we have concerning the above refenced project.

1. Please provide more information regarding the following questions:
 - a. Please provide a detail showing the electrical point of connection or connections. Only one currently included.
 - b. Please provide information regarding the installation of the LED light. Who is installing? Supplying?
 - c. Will they require EC to install interior flex connections or is it all factory wired?

Please advise.

- Possible Cost Impact
- Possible Schedule Impact

If there are any questions or concerns, please contact us.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sasha McGraw', is written over a circular stamp or watermark.

Sasha McGraw - BME Electrical Construction, Inc.

CE 17141

KBI PAINTING

FIELD FINISH WOOD JAMBS

8 HRS @ \$90.55 = \$724.40

MATERIAL \$50

SUBTOTAL \$774.40

12% MU 92.93

TOTAL \$867.33

CE 1141
518

W. A. THOMAS CO., INC.

2356 Pacheco Boulevard
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

FIELD REQUEST FOR INFORMATION NO.: 415

Eric Barger Date: December 12, 2019
Vanir CM. Re: Chabot Bio-Science Annex
E-Mail: eric.barger@vanir.com Pages Faxed: 2 WATCO Project: 518
Subject: Bulletin 35

Spec. / Drwg: Bulletin 35

Contractor: Barry McGraw Elec.

Info. Req: Please see attached BME RFI 55: 1. Please provide more information regarding the following questions:

1. What is the intent of the connection for the power to bulletin boards? Per the contract drawings these boards are powered by a single junction box in the ceiling controlled by the corridor lighting circuit.

2. There will now be (4) locations that require a double door installation which will require 4 additional junction boxes. We propose to mount these boxes behind the bulletin board in the open wall for access for service later. Please advise as this will incur extra material & time.

3. The remaining (2) location will also require extra work. The provided cord doesn't reach any accessible ceiling space. We propose installing a junction in the classroom on the screen wall for access to splices. This will receive a blank plate but will be seen from classroom. Please advise as this will incur extra time, cost and visual impact

Appreciably Different Yes No
Urgency: High

Date Information Needed: 12/26/2019

Cost / Schedule Impact: TBD

Project IOR: _____

Bill Luce W. A. THOMAS CO. INC.

RESPONSE: See Arup response on p. 2 w/Architectural sketch to show potential means / method of flex-conduit routing.

#3 is acceptable to Architect provided any additional costs are still justified and acceptable to the Owner

By: Conor Dunn, HED ; 1/2/20

Sub Copy: _____

Response Date: _____



DSA Approval: _____

560 Mission Street, Suite 700
San Francisco, CA 94105
t +415 957 9445

CHABOT COLLEGE BIOLOGY ANNEX

Received: 12/13/2019
Returned: 12/30/2019
Arup Project #: 245042-00

Harley Ellis Devereaux
417 Montgomery St #400
San Francisco, CA 94104
Attention: Anna MacDougall

Subject: Bulletin 35

Information Requested:

Please see attached BME RFI 55: 1. Please provide more information regarding the following questions:

1. What is the intent of the connection for the power to bulletin boards? Per the contract drawings these boards are powered by a single junction box in the ceiling controlled by the corridor lighting circuit.
2. There will now be (4) locations that require a double door installation which will require 4 additional junction boxes. We propose to mount these boxes behind the bulletin board in the open wall for access for service later. Please advise as this will incur extra material & time.
3. The remaining (2) location will also require extra work. The provided cord doesn't reach any accessible ceiling space. We propose installing a junction in the classroom on the screen wall for access to splices. This will receive a blank plate but will be seen from classroom. Please advise as this will incur extra time, cost and visual impact

Responses

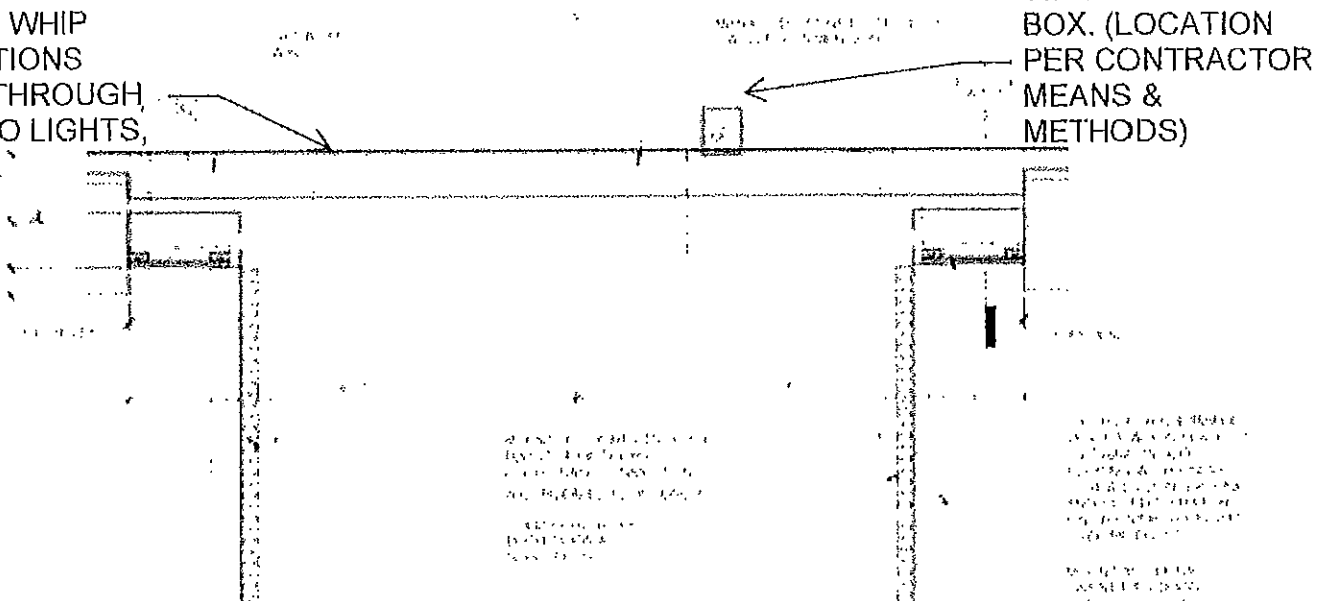
Tori Wallis

Arup Response:

1. Intent is for bulletin lighting drivers to be powered/controlled from a single junction box.
2. If whip for power to lights is long enough, a single junction box behind bulletin board is sufficient.
3. Arup takes no exception to installing the junction box inside of wall with blank cover plate provided it is acceptable to architect.

FLEXIBLE WHIP
CONNECTIONS
W/LOOP THROUGH
DOORS TO LIGHTS,
TYP.

SINGLE JUNCTION
BOX. (LOCATION
PER CONTRACTOR
MEANS &
METHODS)



17. BULLETIN CABINET AT MANIFOLD - PLAN



BME ELECTRICAL CONSTRUCTION, INC.

1281 30TH STREET
OAKLAND, CA 94608
OFFICE: 510.208.1967 FAX: 510.208.1966
CA C-10 # 887811

DATE: 12/5/19

TO: WA Thomas, Inc,

RE: Chabot College B2100 Annex
Bulletin 35 RFI

Below are RFIs that we have concerning the above referenced project.

1. Please provide more information regarding the following questions:

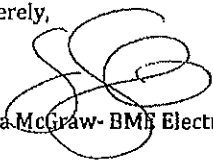
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Possible Cost Impact

Possible Schedule Impact

If there are any questions or concerns, please contact us.

Sincerely,


Sasha McGraw- BME Electrical Construction, Inc.



Copyright © 2016

Page 1 of 2

Date • November 1, 2019
Project No. • 2015-30004-000
Client Project No. •

Project • Chabot College- B2100 Biological Sciences Building

**THIS IS A REQUEST FOR SUBMISSION OF QUOTATION
AND NOT AN ORDER FOR THE WORK**

- This Bulletin is issued after Contract Award to obtain a quotation for proposed change(s) in the Work.
- Do not proceed with the work described herein until receipt of written authorization from the Owner.
- Unless otherwise stated in the Agreement or Contract, within fourteen (14) calendar days of date of Bulletin issue, submit a completed and signed Bulletin and three (3) copies of fully itemized quotation for Owner's review showing the cost and time adjustments necessary to execute the proposed change(s).
- When submitting complete itemized quotation, break down quotation according to "ITEMS" listed. Each "ITEM" amount shall be complete and shall include all costs for labor, materials, taxes, supervision, overhead, profit, etc.
- Unless otherwise indicated, the work described herein shall comply with, and be in conformance with the Contract Documents. Include incidental work required to properly complete this work, whether stated herein or not.
- Upon approval by the Owner, payments will be made in accordance with methods described in the Agreement or Contract Documents.

DOCUMENTS ISSUED

- | | |
|--------------------------------|---|
| Drawings | • Sheets A-580, A-601; Spec sections 10 11 00, p. 4 and 08 71 00, hwg 25 |
| Supplemental Drawings | • n/a |
| Project Manual Sections | • See Section 012600 Contract Modifications Procedures, Paragraph 1.02-B4 |
| Miscellaneous Items | • n/a |

ITEM DESCRIPTIONS

ITEM 1 – Updates to Display Case Door Details and Specs Add / Deduct \$ _____

As a follow-up to a coordination meetings on site; the attached drawing and spec updates are provided to clarify design intent for wood display case doors, including materials, sizes, hinges and lighting coordination.

Bulletin Quotation Grand Total: Add / Deduct \$ _____



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Page 2 of 2

Date • November 1, 2019
Project No. • 2015-30004-000
Client Project No. •

BULLETIN AGREEMENT

- This Bulletin quotation is not valid until signed by the Contractor.
- Signature of the Contractor indicates agreement herewith, including any adjustment in the Contract Sum or the Contract Time.
- This quotation is guaranteed for a period of not less than 60 days from the date of signing below, and if authorized to proceed within that period, the Contractor agrees to complete the Work covered by this Bulletin at the amounts shown therein.

Agreed To:

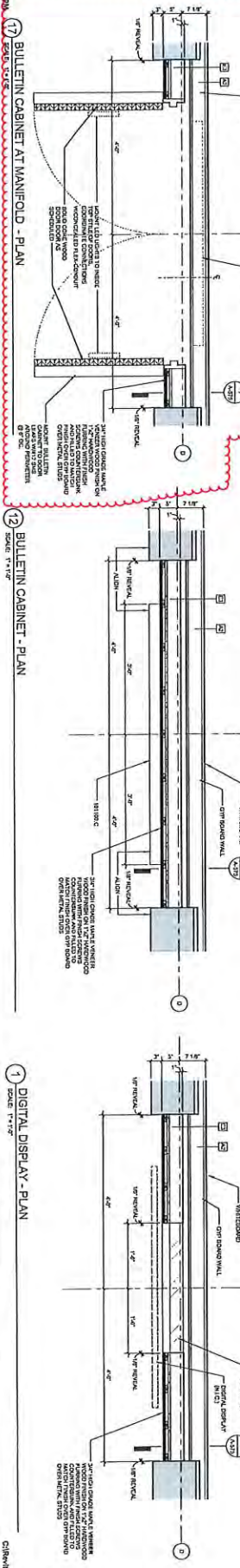
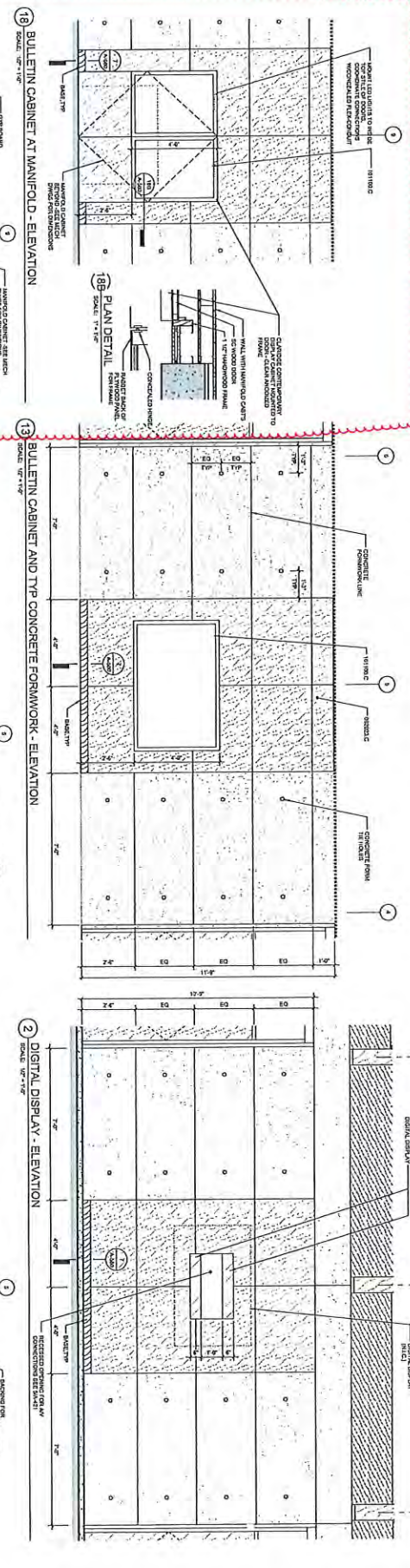
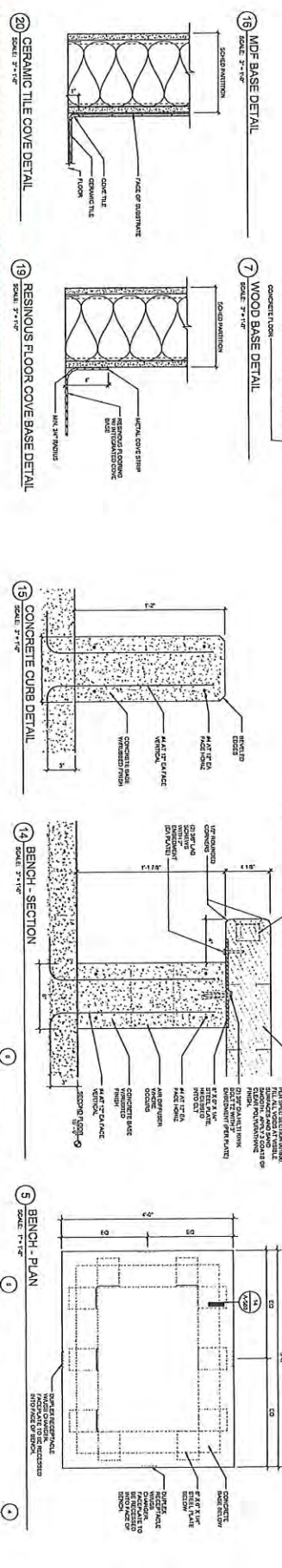
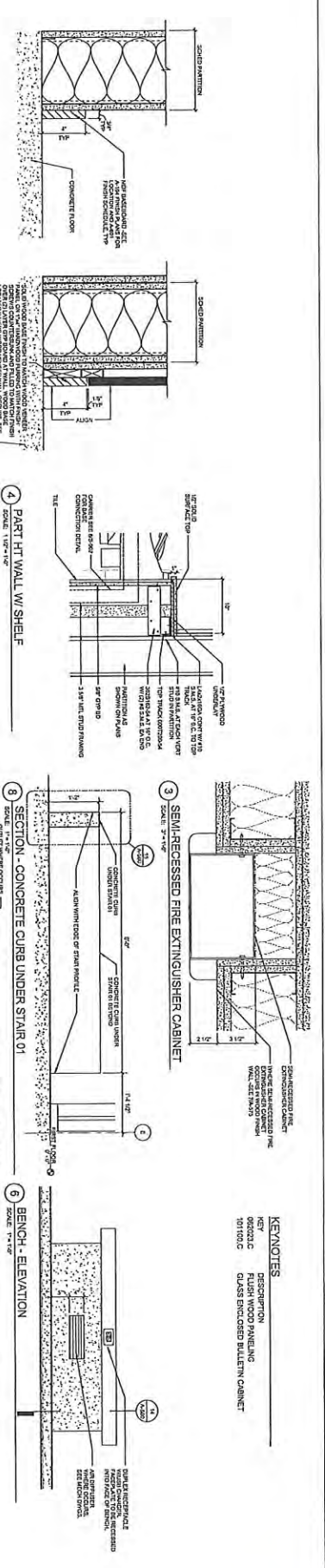
Name of Contractor

Signature of person authorized to sign contracts for Contractor

Title of person signing

Signed this _____ day of _____, 20__

KEYNOTES	
KEY	DESCRIPTION
00223C	FLUSH WOOD PANELING
101100C	GLASS ENCLOSURE BULLETIN CABINET



REV	DESCRIPTION	DATE	BY	CHECKED
1	INITIAL DESIGN	01/15/20	AN	AN
2	REVISIONS TO MEET COMMENTS	01/20/20	AN	AN
3	REVISIONS TO MEET COMMENTS	01/20/20	AN	AN
4	REVISIONS TO MEET COMMENTS	01/20/20	AN	AN
5	REVISIONS TO MEET COMMENTS	01/20/20	AN	AN
6	REVISIONS TO MEET COMMENTS	01/20/20	AN	AN
7	REVISIONS TO MEET COMMENTS	01/20/20	AN	AN
8	REVISIONS TO MEET COMMENTS	01/20/20	AN	AN
9	REVISIONS TO MEET COMMENTS	01/20/20	AN	AN
10	REVISIONS TO MEET COMMENTS	01/20/20	AN	AN

NO	DESCRIPTION	UNIT	QTY	AMOUNT
1	WOOD TRIM	LF	1000	1000
2	GLASS	SF	500	500
3	METAL	SF	200	200
4	ALUMINUM	SF	100	100
5	BRASS	SF	50	50
6	BRASS	SF	50	50
7	BRASS	SF	50	50
8	BRASS	SF	50	50
9	BRASS	SF	50	50
10	BRASS	SF	50	50

CHABOT
COLLEGE
Biological Sciences
B2100 Building
Annex
2555 Horizon Drive
Hayward, CA 94545

GENERAL NOTES

- 1. VERIFY ALL DIMENSIONS FOR THIS AND FINISH OF ROOM WALLS AND TRIM.
- 2. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE TO FINISH.
- 3. VERIFY ALL DIMENSIONS FOR THIS AND FINISH OF ROOM WALLS AND TRIM.
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- 5. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE TO FINISH.

ABBREVIATIONS

- AN: ARCHITECT
- ENR: ENGINEER
- MEP: MECHANICAL/ELECTRICAL/PLUMBING
- STR: STRUCTURE
- W: WINDOW
- D: DOOR
- M: MIRROR
- MT: METAL
- GL: GLASS
- BR: BRASS
- LD: LAMINATED GLASS
- IT: INSULATED GLASS

THRESHOLD TYPES

- 1: 1/4" ALUMINUM
- 2: 3/4" ALUMINUM
- 3: 1" ALUMINUM
- 4: 1 1/4" ALUMINUM
- 5: 1 1/2" ALUMINUM
- 6: 1 3/4" ALUMINUM
- 7: 2" ALUMINUM
- 8: 2 1/4" ALUMINUM
- 9: 2 1/2" ALUMINUM
- 10: 2 3/4" ALUMINUM
- 11: 3" ALUMINUM
- 12: 3 1/4" ALUMINUM
- 13: 3 1/2" ALUMINUM
- 14: 3 3/4" ALUMINUM
- 15: 4" ALUMINUM

DOOR SCHEDULE

NO	DESCRIPTION	UNIT	QTY	AMOUNT
1	WOOD TRIM	LF	1000	1000
2	GLASS	SF	500	500
3	METAL	SF	200	200
4	ALUMINUM	SF	100	100
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GENERAL NOTES

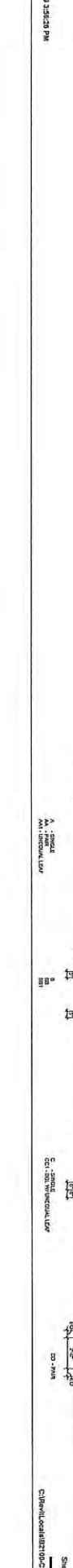
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APP # 04-116361
DATE

1. LCS-II.
2. Marker Walls (with No. 1016 perimeter trim).

C. Other Manufacturers:

1. PolyVision (a Steelcase company).
2. Or approved equal.

2.2 BULLETIN BOARDS

A. Basis-of-Design: Forbo.

1. Thickness: 6.0 mm + - 0.25 mm.
2. Roll Width: 1.22 m (3 colors in 1.83 m).
3. Roll Length: \leq 28 m.
4. Recycled Content: 43%.
5. Gloss: Only available in matt colors, so that reflection caused by sunlight or artificial light is reduced.
6. Color: As selected by Architect from manufacturer's full range.

B. Or approved equal.

2.3 BULLETIN BOARD CABINETS

A. Basis-of-Design: ~~Claridge No. 310D.~~

1. ~~3-1/4" Perimeter: Maple.~~
2. ~~Finish: Claridge cork.~~
3. ~~Lighting: LED.~~
4. ~~Inside Depth: 1-1/4".~~
5. ~~Size: 48" x 72".~~
6. Sliding Glass Door Shoe, Channel and Track: Bronze finish aluminum.
7. Accessories: Z-bar hangars.

CLARIDGE CONTEMPORARY SERIES
FRAME: ANODIZED ALUMINUM
CLARIDGE CORK
LIGHTING: LED (LARGE UNITS ONLY)
SIZES: 48" H x 72" W; 48" H x 35 1/2" W
(CONFIRM PER FIELD DIMENSIONS)

B. Or approved equal.

2.4 MATERIALS AND ACCESSORIES

- A. Particleboard: ANSI A208.1, Grade M-, made with binder containing no urea formaldehyde, that complies with the testing and product requirements of the California Department of Health Services "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."
- B. Adhesives: Manufacturer's standard product that complies with the testing and product requirements of the California Department of Health Services "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."
- C. Aluminum Frames and Trim: Fabricated from not less than 0.062-inch thick, extruded aluminum (ASTM B 221, Alloy 6063); slim size and standard shape.

HARDWARE GROUP NO. 25

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
4	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	CONST LATCHING BOLT	FB61T	630	IVE
1	EA	SGL CYL DEADBOLT	B660T	626	SCH
1	EA	PRIMUS CORE	20-740-XP	626	SCH

END OF SECTION 087100

09/27/17

HINGE 5 PR SOSS
#218 TYPE 626
HINGES

W. A. THOMAS CO., INC.

2356 Pacheco Boulevard
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

FIELD REQUEST FOR INFORMATION NO.: 415

Eric Barger Date: December 12, 2019
Vanir CM. Re: Chabot Bio-Science Annex
E-Mail: eric.barger@vanir.com Pages Faxed: 2 WATCO Project: 518
Subject: Bulletin 35

Spec. / Drwg: Bulletin 35
Contractor: Barry McGraw Elec.

Info.Reg: Please see attached BME RFI 55: 1. Please provide more information regarding the following questions:

1. What is the intent of the connection for the power to bulletin boards? Per the contract drawings these boards are powered by a single junction box in the ceiling controlled by the corridor lighting circuit.

2. There will now be (4) locations that require a double door installation which will require 4 additional junction boxes. We propose to mount these boxes behind the bulletin board in the open wall for access for service later. Please advise as this will incur extra material & time.

3. The remaining (2) location will also require extra work. The provided cord doesn't reach any accessible ceiling space. We propose installing a junction in the classroom on the screen wall for access to splices. This will receive a blank plate but will be seen from classroom. Please advise as this will incur extra time, cost and visual impact

Appreciably Different Yes No
Urgency: High

Date Information Needed: 12/26/2019

Cost / Schedule Impact: TBD

Project IOR: _____

Bill Luce W. A. THOMAS CO. INC.

RESPONSE: See Arup response on p. 2 w/Architectural sketch to show potential means / method of flex-conduit routing.
#3 is acceptable to Architect provided any additional costs are still justified and acceptable to the Owner

By: Conor Dunn, HED ; 1/2/20

Sub Copy: _____

Response Date: _____

DSA Approval: _____

560 Mission Street, Suite 700
 San Francisco, CA 94105
 t +415 957 9445

CHABOT COLLEGE BIOLOGY ANNEX

Received: 12/13/2019

Returned: 12/30/2019

Arup Project #: 245042-00

Harley Ellis Devereaux
 417 Montgomery St #400
 San Francisco, CA 94104
 Attention: Anna MacDougall

Subject: Bulletin 35

Information Requested:

Please see attached BME RFI 55: 1. Please provide more information regarding the following questions:

1. What is the intent of the connection for the power to bulletin boards? Per the contract drawings these boards are powered by a single junction box in the ceiling controlled by the corridor lighting circuit.
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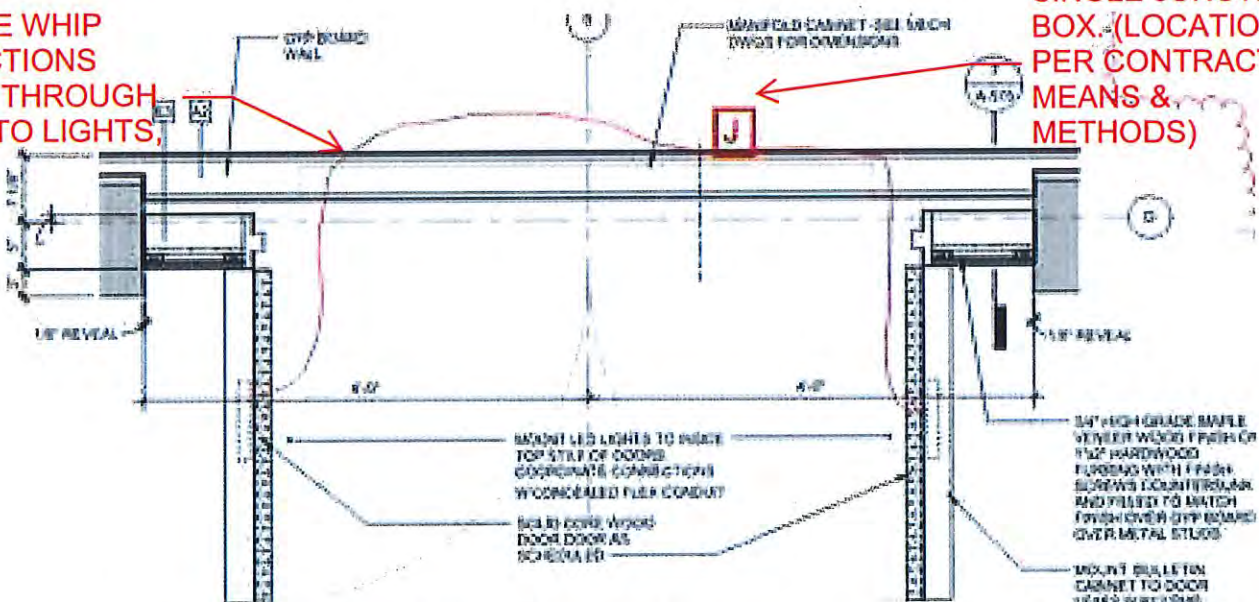
Tori Wallis

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FLEXIBLE WHIP CONNECTIONS W/ LOOP THROUGH DOORS TO LIGHTS, TYP.

SINGLE JUNCTION BOX (LOCATION PER CONTRACTOR MEANS & METHODS)



BULLETIN CABINET AT MANIFOLD - PLAN

17

SCALE: 1/4" = 1'-0"



BME ELECTRICAL CONSTRUCTION, INC.

1281 30TH STREET
OAKLAND, CA 94608
OFFICE: 510.208.1967 FAX: 510.208.1966
CA C-10 # 887811

DATE: 12/5/19

TO: WA Thomas, Inc,

RE: Chabot College B2100 Annex
Bulletin 35 RFI

Below are RFIs that we have concerning the above referenced project.

1. Please provide more information regarding the following questions:
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Possible Cost Impact

Possible Schedule Impact

If there are any questions or concerns, please contact us.

Sincerely,


Sasha McGraw- BME Electrical Construction, Inc.



Chabot-Las Positas Community College District

Construction Field Directive

To: W.A. Thomas Co., Inc.
Project: Biological Sciences B2100 Building Annex

Field Dir. 67
Issue: 10/22/2020

Description of Work:

- Provide all labor, material, and equipment to modify/revise the doors, bulletin cabinet, and electrical as directed in Bulletin 35 and RFI 415.

Reason for Directive:

- The original design with Hollow metal door frames would not work as detailed with the wood paneling.

Direction:

- Proceed with work on T&M Basis; submit T&M back-up daily.
Cost not to exceed \$.00 estimate
Contractor shall notify Construction Manager when costs reach 80% of the Not to exceed amount.
- Proceed with work, provide Credit amount for this change in contract documents.
- Proceed with work, submit signed T&M back-up Daily, unless PCO is provided prior and approved.
- Proceed with work, work considered in scope of contract.
- Proceed with the work in accordance with the proposal CE #17141.1 dated October 16, 2020 in the amount of \$ 17,061.00
The work will be added to the contract by change order.

By Eric Benzer
VanirCM, Inc. Construction Manager

10/22/2020
Date

By Mark Gann
Chabot College Campus Project Planner/Mgr.

10/22/2020
Date

W. A. THOMAS CO., INC

2356 Pacheco Blvd
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

Biological Sciences B2100 Building Annex
Chabot College

WATCO Job No. 518

25555 Hesperian Blvd., Hayward CA 94545

CHANGE ESTIMATE No. 17156

10/2/2020

<u>Item</u>	<u>Hrs</u>	<u>Material / Equip.</u>	<u>Labor</u>	<u>Subcontractor</u>	<u>Total</u>
<u>Change Description:</u>					
Offhaul excess spoils associated with Bulletin #06					
Electrical Trench work					
<u>Breakdown of Estimated Subcontractor Costs:</u>					
				\$0	\$0
MJR Work Summary dated 12/17/20				\$1,070	\$1,070
Khaira Trucking Cost summary 12/24/19 Prorated				\$693	\$693
<u>Qualifications: Price for itemized work only listed on subcontractor quotation. Overtime excluded. Any extra work not noted or unforeseen conditions will be priced separately.</u>				\$0	\$0
				\$0	\$0
<u>W. A. Thomas Co., Inc. Work</u>					
					\$0
Costs are those only associated with Michael J. Rodola	0	\$0	\$0		\$0
	0	\$0	\$0		\$0
	0	\$0	\$0		\$0
	0	\$0	\$0		\$0
		\$0	\$0		\$0
<u>Subtotal</u>		\$0	\$0	\$1,763	\$1,763
Tax 10%					\$0
15% on WATCO work					\$0
5% on Subcontractor Costs (\$618+ \$955 = \$1573)					\$78
1% Bond (GC)					\$18
Total Lump Sum					\$1,859

Additional Time:

OK.

This quotation is based solely on the direct cost elements involved for the change noted and does not include any evaluation of the impact or the subject change upon the contract time or any costs related thereto. This quotation is only for the work described herein.

Michael J. Rodola



CE 17156
578
GENERAL ENGINEERING CONTRACTORS
2991 Liberty Drive, Pleasanton, CA 94566
925-462-8807
Fax 925-398-8093
Calif. Contr. Lic. #447039

12-17-19

TO: W.A. THOMAS & CO. INC.
RE: CHABOT B2100 ANNEX
SUBJ: EXTRA WORK ORDER COST BREAKDOWN
REMOVE AND STOCKPILE ELECTRICIAN SOIL FROM
NORTHEAST CORNER OF NEW BLDG. AND BETWEEN
CHILLER BLDG. AND EXISTING B2100 BLDG.

- * 12-17-19 EXCAVATE, REMOVE, AND STOCKPILE ELECTRICAL SOIL TO SOUTH SIDE OF NEW BLDG. (PLEASE NOTE, THIS MATERIAL HAS QUITE A BIT OF DEBRIS MIXED IN AND WAS STOCKPILED SEPARATELY FROM OTHER MATERIAL ON SOUTH SIDE.

FOREMAN 4 HRS. @ 112.50	450.00
LABOR FOREMAN 4 HRS. @ 75.00	300.00
BOBCAT LOADER 4 HRS. @ 35.00	140.00
MINI-EXCAVATOR 4 HRS. @ 45.00	180.00

TOTAL AMOUNT FOR ABOVE WORK: \$1,070.00

COST \$955.36

PLEASE NOTE, THERE IS NO TOOL TRUCK, FUEL SURCHARGE OR MARK UP IN THE ABOVE PRICING AND THAT THE MATERIAL REMOVED STILL NEEDS TO BE CLEANED, LOADED, AND OFFHAULED.



Jim Smith

From: Michael Rodola <mjrco@comcast.net>
Sent: Tuesday, December 17, 2019 7:05 PM
To: bill@wathomas.net
Cc: jim@wathomas.net; tonya@wathomas.net
Subject: chabot b2100 daily extra work order remove elec soil
Attachments: CCF17122019_2.pdf

Bill,

Attached, is our breakdown of costs for removing electrical spoils from the area around the new electrical vaults and between chiller bldg. and existing b2100. Let me know if you have any questions.

Thanks.

Sincerely,

Michael Rodola

CE 11156
518

KHAIRA TRUCKING LLC
1588 WILLOW AVE
SAN LEANDRO, CA 94579 US
(510) 755-6975
gtka73@gmail.com



INVOICE

BILL TO
William P Luce
W.A Thomas co, Inc
2356 Pacheco Blvd
Martinez, ca 94553

INVOICE # 1324
DATE 12/24/2019
DUE DATE 01/23/2020
TERMS Net 30

DATE	DESCRIPTION	QTY	RATE	AMOUNT
12/24/2019	Hayward to Altamont Tag#11933	8.80	115.00	1,012.00
12/24/2019	Hayward to Altamont Tag#012501	9	115.00	1,035.00
12/24/2019	Hayward to Altamont Tag#011433	9.30	115.00	1,069.50

9 loads

BALANCE DUE **\$3,116.50**

This off haul trucking was an agreed to split with Mike Rodola. Breakdown Follows:

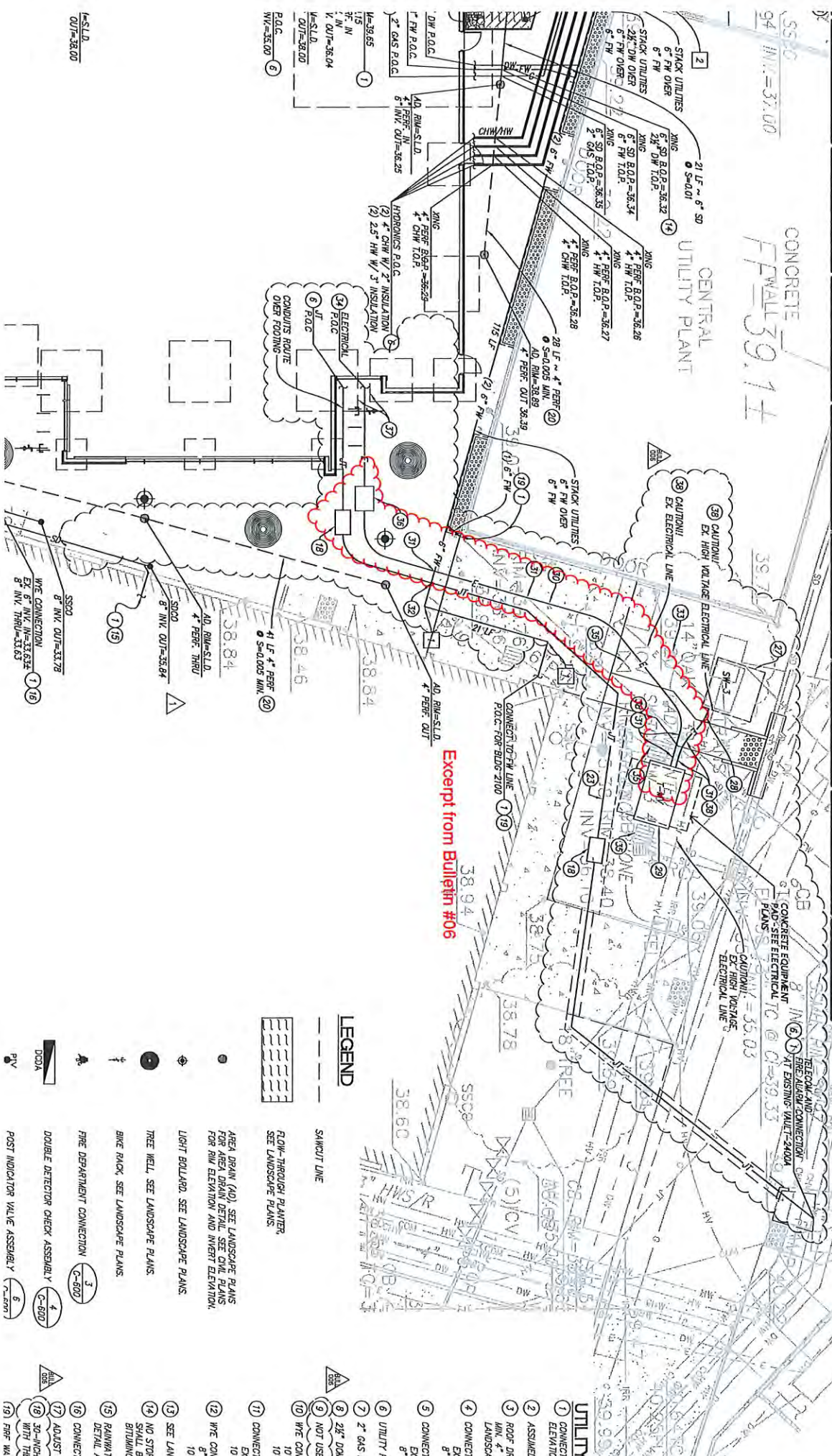
18016 : \$1,558.25 4.5 loads

2830 : \$ 865.70 2.5 loads

CE 17156 : \$ 692.55 2 loads → COST \$618.35

MATCHLINE 1 - SEE BELOW

CONCRETE
FFWALL 39.1 ±



Except from Bulletin #06

LEGEND

- SAWCUT LINE
- FLOW-THROUGH PLANTER, SEE LANDSCAPE PLANS
- AREA DRAIN (AD). SEE LANDSCAPE PLANS FOR AREA DRAIN DETAIL. SEE CDR PLANS FOR RW ELEVATION AND INVERT ELEVATION.
- LIGHT BOLLARD. SEE LANDSCAPE PLANS.
- TREE WELL. SEE LANDSCAPE PLANS.
- ▲ BIKE RACK. SEE LANDSCAPE PLANS.
- FIRE DEPARTMENT CONNECTION (F-500)
- DOUBLE DETECTOR CHECK ASSEMBLY (C-500)
- POST INDICATOR VALVE ASSEMBLY (V-500)

- UTILITY S**
- 1 CONNECT TO ELEVATION PW
 - 2 ASSUMED GEN
 - 3 ROOF DRAIN L. MIN. 4\"/>
 - 4 CONNECT TO L. EX. 6\"/>
 - 5 CONNECT TO L. EX. 6\"/>
 - 6 UTILITY POINT
 - 7 2\"/>
 - 8 2\"/>
 - 9 NOT USED.
 - 10 WYE CONNECT
 - 11 CONNECT TO L. 10\"/>
 - 12 WYE CONNECT 8\"/>
 - 13 SEE LANDSCAPE
 - 14 NO STORM DR. SHALL BE CDR BULKHEADS G
 - 15 RAINWATER LE DETAIL AND P
 - 16 CONNECT TO I
 - 17 ADJUST EXIST
 - 18 30\"/>
 - 19 FIRE WATER I

W. A. THOMAS CO., INC

2356 Pacheco Blvd
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

Biological Sciences B2100 Building Annex
Chabot College

WATCO Job No. 518

25555 Hesperian Blvd., Hayward CA 94545

CHANGE ESTIMATE No. 17164.3

9/22/2021

Revision #03

<u>Item</u>	<u>Hrs</u>	<u>Material / Equip.</u>	<u>Labor</u>	<u>Subcontractor</u>	<u>Total</u>
<u>Change Description:</u>					
Hand Chip / Remove concrete cap at low voltage trench pathway per CFD# 40.2 dated 1/9/20					
<u>Breakdown of Estimated Subcontractor Costs:</u>					
				\$0	\$0
Lombardo Invoice Dated 4/24/20 core drill vault				\$585	\$585
Credit Cost allowed in BME's proposal for Bulletin #06				(\$500)	(\$500)
Lombardo Invoice dated 3/27/20 for tags 3/4 thru 1/10/20				\$11,357	\$11,357
Lombardo Invoice dated 4/13/20 for tags 4/6 thru 4/10/20				\$10,386	\$10,386
				\$0	\$0
<u>Qualifications: Price for itemized work only listed on subcontractor quotation. Overtime excluded. Any extra work not noted or unforeseen conditions will be priced separately.</u>					
				\$0	\$0
				\$0	\$0
<u>W. A. Thomas Co., Inc. Work</u>					
WATCO Work Tags - Hrs - Plate Mover & Rigger	11.5	\$0	\$1,140		\$1,140
WATCO Work Tags - Hrs Grad-All Operator	8	\$0	\$793		\$793
		\$0	\$0		\$0
Gradall Useage Rental Rate + tools & rigging \$65.33 / HR	11.5	\$751	\$0		\$751
		\$0	\$0		\$0
Subtotal		\$751	\$1,933	\$21,828	\$24,512
Tax 9.75%					\$73
15% on WATCO work					\$403
5% on Subcontractor Costs (\$19,489)					\$975
1% Bond (GC / MEP)					\$260
Total Lump Sum					\$26,222

Additional Time: No Time

Any time impact associated with this work will be addressed under CE17165.
This quotation is based solely on the direct cost elements involved for the change noted and does not include any evaluation of the impact or the subject change upon the contract time or any costs related thereto. This quotation is only for the work described herein.



Chabot-Las Positas Community College District

Construction Field Directive

To: W.A. Thomas Co., Inc.

Project: Biological Sciences B2100 Building Annex

Field Dir. 40.3

Issue: 04/30/2020

Description of Work:

- Amends CFD #40.2 to include rigid conduit and associated fittings and offsets, hand work, rebar work, and encapsulating the entire conduit run in Type A concrete
- Amends CFD #40.1 to include the demolition and removal of the existing concrete cap discovered in the LV trench pathway to the POC in at the existing LV vault.
- Amends CFD #40 to include scanning the existing concrete cap to assess the depth and identify the area of the concealed piping.
- Authorized WATCO to pothole, as indicated on the attached sketch, to implement a re-alignment of the underground fiber and communications conduits to vault 2400A. Entering on the long side.

Reason for Directive:

- This Amendment is provided due to the shallow installation of the conduits due to obstructions by other utilities and as required by district IT.
- This Amendment is provided as the scanning of the roadway has located and provided the approximate depth of the existing underground utilities. This information indicates that the existing concrete cap can be demolished and removed.
- This Amendment is provided as the potholing revealed the area identified for the realignment also contained concrete cap utilities.
- This CFD is issued due to unforeseen concrete capped utilities discovered while excavating for the fiber and communications conduits to vault 2400A short side.

Direction:

- Proceed with work on T&M Basis; submit T&M back-up daily.
Cost not to exceed \$7,400.00 estimate
Contractor shall notify Construction Manager when costs reach 80% of the Not to exceed amount.
- Proceed with work, provide Credit amount for this change in contract documents.
- Proceed with work, submit signed T&M back-up Daily, unless PCO is provided prior and approved.
- Proceed with work, work considered in scope of contract.
- Proceed with the work in accordance with the proposal PCO # dated Month xx, 2016 in the amount of \$
The work will be added to the contract by change order.

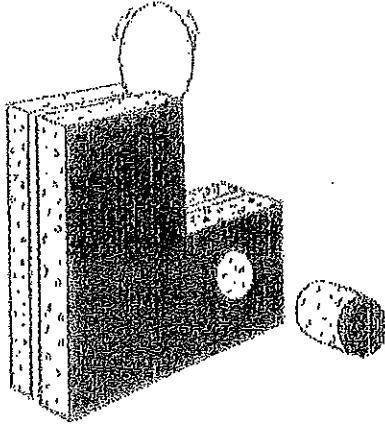
By Airi Banger
VanirCM, Inc. Construction Manager

4/30/2020
Date

By Michael Gu
Chabot College Campus Project Planner/Mgr.

05/05/2020
Date

CE 17164
518



Lombardo Diamond Core Drilling Company, Inc.

2225 De La Cruz Blvd., Santa Clara, CA 95050
ph: (408) 727-7922 fax: (408) 988-5326
CA State License #: 272385

Proposal

PROPOSAL #: 21600 DATE 02/12/2020
QUOTED BY: Feagan, Robert S
CONTACT: Jim Smith
PHONE: 925-228-9600
EMAIL: jim@wathomas.net

www.lombardodrilling.com

CLIENT: W.A. Thomas Company, Inc.
2356 Pacheco Blvd.
Martinez CA 94553

PROJECT: WA Thomas-25555 Hesperian Blvd
Chabot College, Bldg 2100
25555 Hesperian Blvd
Hayward CA

Lombardo will provide the necessary labor and equipment for the following scope of work:

HAND DEMOLITION OPERATOR WITH EXTRA MAN TO COMPLETE SCOPE DURING REGULAR TIME HOURS, MONDAY THROUGH FRIDAY:

Description of work is to chip concrete off existing buss ducts and buried concrete areas down in excavated trench. We will use small electric tools (T-500 demo hammer, roto-hammer) to prospect depth of conduits and chip concrete down to approximate depth of top of conduits. This work to be completed on a Time & Material Basis based on provided rates. GC to remove plates for access to chipping areas and restore potential damage to conduits.

NOTE -

Lombardo will not be responsible for any damage to existing conduits or buried items. GC to de-energize conduits for safety.

Rates -

Mobilization @ \$91.00 per hour, per man, per day
Hand Demolition Operator Labor @ \$120.00 per hour
Extra Man/Dust Control Labor @ \$120.00 per hour
De-Mobilization @ \$91.00 per hour, per man, per day
Concrete Disposal @ Direct Cost + 15% markup
Materials/Safety Supplies @ Direct Cost + 15% markup
2 Man Crew Minimum Call Out = \$960.00
Time & Half OT, After 8 Hours, Travel & Onsite Labor Combined, Add @ \$32.00 per hour, per man
Saturday Overtime Hours, Add @ \$32.00 per hour, per man
Sunday Overtime Hours, Add @ \$64.00 per hour, per man

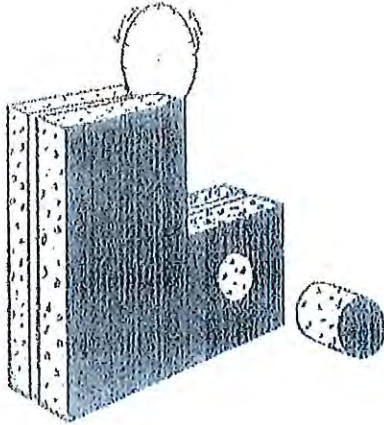
Based on above quantity and scope with no obstructions or delays, one continuous move-on to complete all work.

Dust control included per Cal Osha Silica Standards

Any Standby time or delays accrued will be charged at the full hourly rate for each associated piece of equipment and labor onsite

EXCLUSIONS:

Unless specifically included in the scope of work, Lombardo excludes layout; noise or dust control; water/slurry; material thicker than scope; locating or damage to any buried structures, piping or utilities; the handling or removal of any contaminated materials;



Lombardo Diamond Core Drilling Company, Inc.

2225 De La Cruz Blvd., Santa Clara, CA 95050
ph: (408) 727-7922 fax: (408) 988-5326
CA State License #: 272385

Proposal

PROPOSAL #: 21600 DATE 02/12/2020
QUOTED BY: Feagan, Robert S
CONTACT: Jim Smith
PHONE: 925-228-9600
EMAIL: jim@wathomas.net

www.lombardodrilling.com

CLIENT: W.A. Thomas Company, Inc.
2356 Pacheco Blvd.
Martinez CA 94553

PROJECT: WA Thomas-25555 Hesperian Blvd
Chabot College, Bldg 2100
25555 Hesperian Blvd
Hayward CA

barricades; covering of exposed areas; access to work area for men and equipment; excavation; dewatering; shoring; lifts or scaffolds; x-ray or GPR scanning; scattered cutting; back tracking; permits; compaction; multiple move-on; overtime work; stand-by time; final cleanup; attorney fees / court costs / interest; damage to finishes, structural slab, rebar, steel & tension cables; plate removal; damage to conduits; safe-off; restoration;
Proposal is valid for 90 calendar days

*NOTE: As of January 1st, 2020 Lombardo Diamond Core Drilling Co., Inc. excludes all retention on contracts and service work.

Accepted By:

Signed

Title

Date

James Smith
PROJECT MANAGER
2/12/20

Submitted By:

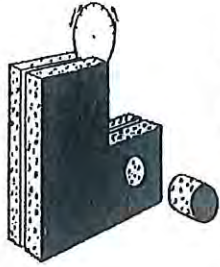
Signed

Title

Date

RM
2/12/20

CE17104
518



Lombardo Diamond Core Drilling Co., Inc.
2225 De La Cruz Blvd
Santa Clara CA 95050
408-727-7922
Fax: 408-988-5326
License : 272385

Work Order Invoice

Invoice#: 2040203
Date: 04/24/2020
PO No.:

Contract No.: 158
Job No.: 21600
Project: WAThomas25555HesperianBlvd
Chabot College, Bldg 2100
Hayward

CA 94545
Terms: 30DY

Billed To: W.A. Thomas Company, Inc.
2356 Pacheco Blvd.
Martinez CA 94553

Description

CORE DRILL ONLY ON STRAIGHT TIME
4/21/2020
4- 5" DIA X 6" C/C SLAB INTO VAULT
WATER CONTROL AND CLEAN UP
JOB COMPLETE

OFFSET w/ BME



Thank you for your business.
For Questions, please call: 408-727-7922

Amount Due:	584.86
Less Payments:	0.00
Total Due:	584.86

LOMBARDO WORK POLICIES:

- * We accept no responsibility for layout.
- * We accept no liability for any damage to buried conduit, pipe, wood, beams or footings concealed in or under concrete or asphalt surfaces, or within cutting, drilling, demolition, or excavation depths requested.

*Any claims for damages must be reported to our office within 48 hours after the damage was done. Lombardo reserves the right to inspect damage and repair it or sublet the repairs prior to accepting any back charges.

A finance charge of 1.5% per month (18% APR) will be charged on all accounts not paid within 30 days.
Purchasers shall pay any Attorney fees incurred in collecting sums due hereunder.

CERTIFIED PAYROLL reports need to be requested at cpr@lombardodrilling.com.



BME ELECTRICAL CONSTRUCTION, INC.

1281 30TH STREET
 OAKLAND, CA 94608
 OFFICE: 510.208.1967 FAX: 510.208.1966
 CAC-10 # 887811

1/10/19

DIR # 1000002993

TO: Estimating Department

RE: Chabot College B2100 Bulletin 6- Conditional Revision

We are pleased to provide a proposal on the above referenced project. Our proposal is based on the following information:

1. Electrical Based Solely on Engineered Electrical Design by ARUP/HED dated 10/18/18
2. BME Interpretation of Engineered Drawings and Specifications
3. This is A Change Order to an Existing Contract
4. BME is Providing Lump Sum Pricing- Due to Large Scope BME Will Not Complete on a T&M Basis
5. Any Systems Not Shown on Design Drawings are Not Included
6. BME Only Used Certified IBEW Labor- Signatory Contractor
7. Price is Good Until 2/5/19. After this Date the Below Price Will be Invalid. We Require a Notice to Proceed before this Date to Hold the Below Pricing. This Will Also Require an Expedited Submittal review for the Medium Voltage Transformer (2 Weeks).
8. Bulletin 6

Included:

1. (ALL) Primary Conduit & Conductor
 - a. Trenching Included
2. (ALL) Secondary Conduit & Conductor
 - a. Trenching Included
3. (ALL) High Voltage Termination in Existing Switch
 - a. To Be Completed on OFF Hours
4. (1) Connection to Existing Switch Substructure
5. (1) New Transformer Pad- Per PGE Specification
 - a. Included Applicable Grounding
 - b. Trenching Included
6. (1) New Medium Voltage Transformer
 - a. High Voltage Terminations
 - b. Testing as Specified Only
 - c. Labeling per Specification
 - d. Crane Lift
7. (2) 3x5 Precast in Ground Boxes (Open Item- RFI Still Outstanding)
 - a. Pedestrian Covers- Non Slip Cover
 - b. Crane Lift

Subtotal:	\$ 213,946.70
Bond @ 2.85%:	\$ 4,813.80
Markup @ 12%:	\$ 26,251.26
Total:	\$ 245,011.76

Credits/Deducts:

1. (60') DEDUCT- Original Routing of Power Feeder to Existing Building
 - a. Based on Bid Time Labor Rates and Material Costs
 - b. Not Encased In Concrete at Bid Time as Not Considered Duct Bank
 - i. Specification of Duct bank Not Described at Bid Time

<Deduct>: \$ 12,000.00

CLARIFICATIONS:

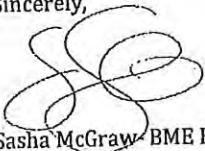
1. Per New Site Experience the Secondary Conduit is Priced as Encased in Concrete. Spec section Regarding Duct Banks was is not Clear. Concrete Encasement Not Included During Bid Phase
2. Chabot Maintenance Division to Make Safe/De-Energize Switch Prior to BME Connections to be Made.
3. Any Incidental Damage to Existing Infrastructure Due to Shut Down/Energizing of Existing Switch Shall be Repaired by Others
4. Specification Sections Are Only Included if Shown on Drawings
5. Removal of All Hazardous Materials by Others and at No Expense to BME Inc.
6. BME Relieves Itself & Subcontractors of Any and All Responsibility for Ensuring Proper Design by Owner Mandated Vendors. If Changes/Charges Arise Out of Incomplete Design by These Vendor(s) the Owner Will Bear These Costs

EXCLUSIONS:

1. All Items Not Shown Above
2. Any Work That Extends Beyond Scope of Work
3. All Low Voltage Systems Cabling or Conduit Systems (Tele/Data, Security, Mechanical, BMS, Etc.)
 - a. Unless Specifically Included in Proposal
4. Relocation/Re-work of Utilities/Existing to Remain Electrical Items- Unless Specifically Shown on Drawings
5. Concrete Work
6. Surveying/Elevations
7. Any Specialty Finishes (Interior and/or Exterior)
8. Any Systems Not Shown on Drawings
9. Landscaping Equipment
10. Landscaping Control Wiring
11. No Spare Parts Provided Unless Shown Above
12. Painting
13. Removal/Repair of Existing Surfaces
14. All New or Existing Concrete Saw-cutting, Coring & Repair
15. All New or Existing Asphalt Saw-cutting or Repair
16. All New or Existing Landscaping Repair or Protection
17. Traffic Control
18. Protection of Existing Utilities
19. Permit and/or Special Fees (Utility, Inspection, etc.)
20. Any Fees/Costs Associated with Campus/College Personnel
28. Premium Time
21. Electrical Engineering
22. Structural Engineering
23. Seismic Engineering
24. BIM Modeling
25. Drawings

If there are any questions or concerns, please contact us.

Sincerely,



Sasha McGraw BME Electrical Construction, Inc.

Important Information:

- Additional Work Requested by The Customer, That Is Not Included in The Scope of Work Herein, Will Require a Written Change Order to The Contract with the Appropriate Compensation and Time Adjustments for the Change in Scope Before Work to Be Completed.

Summary by Subtotal: Chabot College B2100 Bulletin 6

Subtotal totals: 799.98 62.76 0.00

Subtotal 45 - DRY TRANSFORMERS

Item # Size Description
190280 800KVA 13.8KV 3PH OIL PAD XMER

Lab Unit 146.4844 Lab Result 146.48
Quo Unit 0.0000 Quo Result 0.00

Subtotal 47 - MANHOLES

Item # Size Description
400002 4' x 4' x 4' PRECAST HANDHOLE
400145 HAND DIG/CUBIC YD ROCKY SOIL

Lab Unit 14.4000 Lab Result 28.80
4.8600 Lab Result 29.16
Quo Unit 0.0000 Quo Result 0.00

Subtotal 67 - INTER/BASE SPACERS

Item # Size Description
390040 4 x 2 BASE DUCT BANK CONDUIT SPACER

Lab Unit 0.3000 Lab Result 18.00
Quo Unit 0.0000 Quo Result 0.00

Subtotal 74 - TRENCHING

Item # Size Description
390246 3" RED TRENCH CAUTION TAPE
390350 STEEL TIE WIRE
390375 4000# CONCRETE
390380 4000# CONCRETE

Lab Unit 0.0054 Lab Result 0.85
0.0900 Lab Result 16.92
0.4500 Lab Result 0.90
0.4500 Lab Result 10.35
Quo Unit 0.0000 Quo Result 0.00

Subtotal 81 - CORING & HOLES

Item # Size Description
400255 4 CORED HOLE UP TO 1" DEEP

Lab Unit 1.5600 Lab Result 6.24
Quo Unit 0.0000 Quo Result 0.00

Subtotal 83 - SUBSTATIONS

Item # Size Description
310685 2/0 LDBRK ELBOW 200A 15KV

Lab Unit 4.8928 Lab Result 14.65
Quo Unit 0.0000 Quo Result 0.00

Subtotal 99 - MISCELLANEOUS ITEMS

Item # Size Description
1 PRECAST IIE PAD
2 DUCTBANK FORMING & PLACING
3 CONNECTION INTO EXISTING SWITCH
4 SLURRY PAD FOR IIE PAD

Lab Unit 8.0000 Lab Result 8.00
0.5000 Lab Result 95.00
40.0000 Lab Result 40.00
8.0000 Lab Result 8.00
Quo Unit 0.0000 Quo Result 0.00

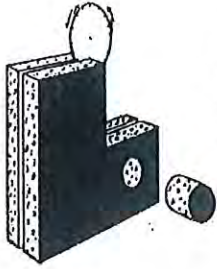
Job totals: 44,201.54

1281 30th Street
Oakland, CA 94603

Phone: 510.208.1967
Web:

SME Electrical Construction, Inc

CE17164
518



Lombardo Diamond Core Drilling Co., Inc.

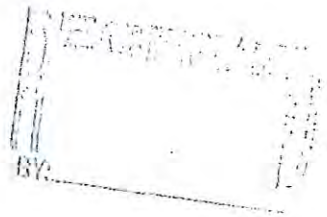
2225 De La Cruz Blvd
Santa Clara CA 95050
408-727-7922
Fax: 408-988-5326
License : 272385

Contract Invoice

Invoice#: 24262
Date: 03/27/2020
PO No.: 158
Quote No.: 158
Job No.: 21600
Project: WAThomas25555HesperianBlvd
Chabot College, Bldg 2100
Hayward
CA 94545
Terms: 30DY

Billed To: W.A. Thomas Company, Inc.
2356 Pacheco Blvd.
Martinez CA 94553

Description	Total
CHIP CONCRETE @ EXISTING UTILITY TRENCHES	
WORK PERFORMED 3/4/2020 TO 3/10/2020	
CHIP BETWEEN REBAR AND PIPES, VERY TIGHT WORK WITH EXCAVATION	
2 LOADS, DISPOSAL OF CONCRETE , DIRT & BASE ROCK	
MARCH PROGRESS BILLING = \$11,356.50	



*Thank you for your business.
For Questions, please call: 408-727-7922*

Amount Due:	11,356.50
Less Retention:	0.00
Total Due:	11,356.50

LOMBARDO WORK POLICIES:

- * We accept no responsibility for layout.
- * We accept no liability for any damage to buried conduit, pipe, wood, beams or footings concealed in or under concrete or asphalt surfaces, or within cutting, drilling, demolition, or excavation depths requested.

*Any claims for damages must be reported to our office within 48 hours after the damage was done. Lombardo reserves the right to inspect damage and repair it or sublet the repairs prior to accepting any back charges.

*A finance charge of 1.5% per month (18% APR) will be charged on all accounts not paid within 30 days.
Purchasers shall pay any Attorney fees incurred in collecting sums due hereunder.*

CERTIFIED PAYROLL reports need to be requested at cpr@lombardodrilling.com.

CE 17164
518

Lombardo Billing Summary for WA Thomas

Chabot College, Bldg 2100

3/04/20, Wednesday Work -

Mobilization, 0.75 hrs total @ \$91.00 =	\$68.25
Hand Demolition Labor, 8 hrs total @ \$120.00 =	\$960.00
Extra Man Labor, 8.00 hrs total @ \$120.00 =	\$960.00
Overtime, After 8 hrs Accumulated, 0.75 hrs @ \$32.00 =	\$24.00

3/05/20, Thursday Work -

Mobilization, 0.75 hrs total @ \$91.00 =	\$68.25
Hand Demolition Labor, 8 hrs total @ \$120.00 =	\$960.00
Extra Man Labor, 8.00 hrs total @ \$120.00 =	\$960.00
Overtime, After 8 hrs Accumulated, 0.75 hrs @ \$32.00 =	\$24.00

3/06/20, Friday Work -

Mobilization, 0.75 hrs total @ \$91.00 =	\$68.25
Hand Demolition Labor, 9 hrs total @ \$120.00 =	\$1,080.00
Extra Man Labor, 8.00 hrs total @ \$120.00 =	\$960.00
Overtime, After 8 hrs Accumulated, 1.75 hrs @ \$32.00 =	\$56.00
Disposal Fee's, 1 Load Concrete =	\$57.50

3/09/20, Monday Work -

Mobilization, 0.75 hrs total @ \$91.00 =	\$68.25
Hand Demolition Labor, 8 hrs total @ \$120.00 =	\$960.00
Extra Man Labor, 8.00 hrs total @ \$120.00 =	\$960.00
Overtime, After 8 hrs Accumulated, 0.75 hrs @ \$32.00 =	\$24.00

3/10/20, Tuesday Work -

Mobilization, 0.75 hrs total @ \$91.00 =	\$68.25
Hand Demolition Labor, 9 hrs total @ \$120.00 =	\$1,080.00
Extra Man Labor, 8.00 hrs total @ \$120.00 =	\$960.00
Overtime, After 8 hrs Accumulated, 1.75 hrs @ \$32.00 =	\$56.00
Disposal Fee's, 1 Load Dirt & Baserock =	\$272.15

Special PPE Cost =

\$661.60

Total = \$11,356.50

W.O. #: 63951
 Job #: 21606
 Date: 03/06/20
 Time: 7:00

Lombardo Diamond Core Drilling Company, Inc.
 2225 De La Cruz Blvd + Santa Clara, CA 95050 + 408.727.7922 + Cal Lic. 272385

BILLING INFORMATION:

Name and Address: **W.A. Thomas Company** Office Phone # _____
 Customer Ref #/Job #/PO #: _____ Order Taken By: _____
 Order By: _____ Order By Int: _____ Date Promised: _____

JOB SITE INFORMATION:

Name and Address: **2555 Heperian Blvd** Phone #: _____
HAYWARD Ca. Contact: _____
 Operator #: _____ Supervisor: _____ Estimator: _____

SCOPE OF WORK REQUESTED:

TYPE OF PAYMENT:

LOMBARDO WORK POLICIES:
 We accept no responsibility for layout.
 We accept no liability for any damage to buried conduit, pipe, wood or footings concealed in or under concrete or asphalt surfaces, or within the cutting, drilling, demobilization or excavation depth requests.
 Any claims for damages must be reported at our office within 48 hours after the damage was done, and Lombardo reserves the right to inspect this damage and repair it or submit the repairs prior to accepting any back charges.
 A FINANCE CHARGE OF 1.5% PER MONTH (18% APR) WILL BE CHARGED ON ALL ACCOUNTS NOT PAID WITHIN 30 DAYS.

T54
 Job #: 21600 Operator: T63
 Date: 03/06/20

Description of Work Performed:

Quantity	Description
	Chipped in between rebar electrical pipes
	and PVC pipe + telephone lines
	chipped with electrical tools
	Full dump truck
	NOTE: This is true verification by D.P. LAMR to approve cost. 3/6/20
Other Time/Shop Time Description	

Travel Start Tm: 6:15 Arrival Tm: 7:00 Completion Tm: _____

Labor Hours:

T#	B&R	CD	Ex	HS	FS	WS	SI	Oth	Tr	Suby	Shp*	Total	Check box if O.T.	
														01
598														
638														
*Shop time not billed to customer														
Total														

- Work order with hours worked must be turned in daily.
- Overtime and double time paid according to Union Labor Agreements.
- Any SHOP time over 15 minutes must have approval.
- Work order must have customer signature acknowledging work performed.

ADDITIONAL OR MODIFIED SCOPE:

_____ Lombardo operator(s) performed work in addition to or in lieu of the scope of work originally called in. Pricing will reflect actual work performed.

Accepted By (Customer Representative) _____ Date _____ Company _____
 Customer Initials _____

PURCHASER SHALL PAY ANY REASONABLE ATTORNEY'S FEES INCURRED IN COLLECTING SUMS DUE HEREAFTER. LOMBARDO WILL NOT BE RESPONSIBLE FOR LAYOUT OR ANY DAMAGE TO BURIED STRUCTURES OR UTILITIES.

W.O.#: 63951
Job #: 21600
(Enter SHOP for non-billable work)

Date: 03/09/20
Time: 7:00

Lombardo Diamond Core Drilling Company, Inc.
2225 De La Cruz Blvd + Santa Clara, CA 95050 + 408.727.7522 + Cal Lic. 272385

BILLING INFORMATION:

Name and Address:
W, A Thomas Company
Office Phone #

Customer Ref #/Job #/PO #: _____ Order Taken By: _____
Ordered By: _____ Order D/Tm: _____ Date Promised: _____

JOB SITE INFORMATION:

Name and Address:
2555 HESPERIAN BLVD
HAYWARD CAL.
Phone # _____
Operator #: _____ Supervisor: _____ Estimator: _____

SCOPE OF WORK REQUESTED:

TYPE OF PAYMENT:

LOMBARDO WORK POLICIES:

- We accept no responsibility for layout.
- We accept no liability for any damage to buried conduit, pipe, wood or footings concealed in or under concrete or asphalt surfaces, or within the cutting, drilling, demolition or excavation depth requests.
- Any claims for damage must be reported at our office within 48 hours after the damage was done, and Lombardo reserves the right to inspect the damage and repair it or submit the repairs prior to accepting any back charges.

A FINANCE CHARGE OF 1.5% PER MONTH (18% APR) WILL BE CHARGED ON ALL ACCOUNTS NOT PAID WITHIN 30 DAYS.

LOMBARDO COPY

Job #: 21600 Operator: T63 Date: 03/09/20

Description of Work Performed:

Quantity Description
① shipping footing all day amidst rods and pipes and conduct and power tools.

NOTE: This is time verification by JDF. Vanir to approve cost.

3/9/20
JDF

Other Time/Shop Time Description

Travel Start Tm: 6:15 Arrival Tm: 7:00 Completion Tm: _____

Labor Hours:

Check box if O.T.

T#	B&R	CD	EX	HS	FS	WS	SI	Oth	T	StBY	Shp*	Total
54	8	8										
63	8	8										
*Shop time not billed to customer											Total	

- Work order with hours worked must be turned in daily.
- Overtime and double time paid according to Union Labor Agreements.
- Any SHOP time over 15 minutes must have approval.
- Work order must have customer signature acknowledging work performed.

ADDITIONAL OR MODIFIED SCOPE:

Lombardo operator(s) performed work in addition to or in lieu of the scope of work originally called in. Pricing will reflect actual work performed.

Customer initials

X Accepted By (Customer Representative) _____ Date _____ Company _____

PURCHASER SHALL PAY ANY REASONABLE ATTORNEY'S FEES INCURRED IN COLLECTING SUMS DUE HEREAFTER. LOMBARDO WILL NOT BE RESPONSIBLE FOR LAYOUT OR ANY DAMAGE TO BURIED STRUCTURES OR UTILITIES.

W.O. #: 63751
Job #: 21600
(Enter SHOP for non-billable work)

Date: 03/10/20
Time: 7:00



Lombardo Diamond Core Drilling Company, Inc.
2225 De La Cruz Blvd + Santa Clara, CA 95050 + 408.727.7922 + Cal Lic. 272385

BILLING INFORMATION:

Name and Address: W.A Thomas Company Office Phone # _____
Customer Ref #/Job #/ PO #: _____ Order Taken By: _____
Order By: _____ Order D/Tm: _____ Date Promised: _____

JOB SITE INFORMATION:

Name and Address: 2555 Hesperian Blvd Phone # _____
HAYWARD Co. Supervisor: _____ Estimator: _____
Operator #: _____

SCOPE OF WORK REQUESTED:

TYPE OF PAYMENT:

LOMBARDO WORK POLICIES:

- We accept no responsibility for layout
 - We accept no liability for any damage to buried conduit, pipe, wood or footings concealed in or under concrete or asphalt surfaces, or within the cutting, drilling, demolition or excavation depth requests.
 - Any claims for damage must be reported at our office within 48 hours after the damage was done, and Lombardo reserves the right to inspect this damage and repair it or submit the repairs prior to accepting any back charges.
- A FINANCE CHARGE OF 1.5% PER MONTH (18% APR) WILL BE CHARGED ON ALL ACCOUNTS NOT PAID WITHIN 30 DAYS.

LOMBARDO COPY

Job #: 21600 Operator: T63 Date: 03/10/20

Description of Work Performed:

Quantity	Description
1	3' X 3' X 2'
1	12' X 42" X 2'
	Excavated and loaded truck
	1 load of dirt and base rock mixed for the dump.
	NOTE: This is time verification by the vendor to approximate.
	Other Time/Shop Time Description: _____

Travel Start Tm: 6:15 Arrival Tm: 7:00 Completion Tm: _____

Labor Hours:

T#	Check box if O.T.														Total
	B&R	CD	Ex	HS	FS	WS	SI	Oth	Tr	SIBy	Shp*	13	14		
54															
63															

*Shop time not billed to customer

- Work order with hours worked must be turned in daily.
- Overtime and double time paid according to Union Labor Agreements.
- Any SHOP time over 15 minutes must have approval.
- Work order must have customer signature acknowledging work performed.

ADDITIONAL OR MODIFIED SCOPE:

Lombardo operator(s) performed work in addition to or in lieu of the scope of work originally called in. Pricing will reflect actual work performed.

Customer initials _____

Accepted By (Customer Representative) _____ Date _____ Company _____

PURCHASER SHALL PAY ANY REASONABLE ATTORNEY'S FEES INCURRED IN COLLECTING MONIES DUE HEREFTER. LOMBARDO WILL NOT BE RESPONSIBLE FOR LAYOUT OR ANY DAMAGE TO BURIED STRUCTURES OR UTILITIES.

For Responder email: orders@accuratepro.com or call (408) 842-5323 or 408-5573 109/18.

63951
Job # 21600

Ticket #: 10404814

3/10/2020

IN: 3:35 PM Out: 3:35 PM

Zanker Road Landfill

705 Los Esteros Road

San Jose CA, 95134

Company: L00021 - LOMBARDO CORE
DRILLING CO

Hauler:

PO Number:

CDDD Number:

Weigh Master In: CARLOS QUINONEZ

Weigh Master Out: CARLOS QUINONEZ

Truck: 82294R1

Operation: 365 - (ZRI.) Clean Fill Dirt Pile

Location: Hayward

Gross	Tare	Net
22,760 Lbs	14,600 Lbs	8,160 Lbs
Scale: NORTH2	Scale: ManWght	

Quantity	Material	Price
4.08 tn	CLEAN FILL DIRT TN	\$68.00 / tn

Material	Delivery	Tax	Total
\$236.64	\$0.00	\$0.00	\$236.64
\$236.64	\$0.00	\$0.00	\$236.64

Total Paid

Change: \$0.00

CC Approval:

Signature: Polio Colono

By Acceptance of this Receipt the customer certifies there are no Hazardous or Designated Materials contained within this load as defined by the California State Health

63951
Job # 21600

T54 Ticket #: 10403926
3/6/2020
IN: 3:40 PM Out: 3:40 PM
Zanker Road Landfill
705 Los Esteros Road
San Jose CA, 95134

Company: L00021 - LOMBARDO CORE
DRILLING CO

Hauler:
PO Number:
CDDD Number:

Weigh Master In: ALEJANDRO MARTINEZ
Weigh Master Out: ALEJANDRO MARTINEZ
Truck: 82294R1
Operation: 400 (ZRI) Concrete Plant

Location: Newark

Gross	Tare	Net
19,600 Lbs	14,600 Lbs	5,000 Lbs
Scale: NORTH2		Scale: ManWght

Quantity	Material	Price
2.6 tn	CONCRETE 1 TN	\$12.00 /tn

Material	Delivery	Tax	Total
\$50.00	\$0.00	\$0.00	\$50.00
\$50.00	\$0.00	\$0.00	\$50.00

Total Paid

Change \$0.00

CC Approval

Signature: FCG/10 (C) 2020

By Acceptance of this Receipt the customer certifies there are no Hazardous or Designated Materials contained within this load as defined by the California State Health Department



Lombardo Diamond Core Drilling Co., Inc.
 2225 De La Cruz Blvd
 Santa Clara CA 95050
 408-727-7922
 Fax: 408-988-5326
 License : 272385

Work Order Invoice

Invoice#: 2040184
 Date: 04/13/2020
 PO No.:

Contract No.: 158
 Job No.: 21600
 Project: WAThomas25555HesperianBlvd
 Chabot College, Bldg 2100
 Hayward
 CA 94545
 Terms: 30DY

Billed To: W.A. Thomas Company, Inc.
 2356 Pacheco Blvd.
 Martinez CA 94553

Description

SAW CUT, BREAK AND REMOVE AS DIRECTED

WORK PERFORMED 4/6/2020 THRU 4/10/2020

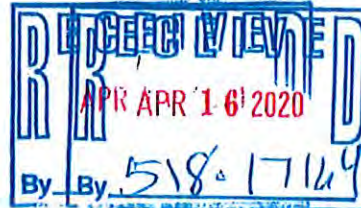
SAW CUT 24' X 2' X 6" A/C
 CUT & DICE FOR HAND DEMO

BREAK AND REMOVE SCATTERED LOCATIONS

- 24' X 2' X 6" C/C
- 2' X 2' X 20" C/C
- 4' X 16" X 10" C/C
- 2' X 16" X 10" C/C
- 4' X 51" X 10" C/C
- 4' X 4' X 12" C/C
- 22' X 12" X 12" C/C
- 8' X 42" X 7" C/C
- 8' X 42" X 7" C.C
- 4' X 42" X 20" C/C

HAUL (2) LOADS OF C/C TO DUMPS

WATER CONTROL AND CLEAN UP



*Thank you for your business.
 For Questions, please call: 408-727-7922*

Amount Due:	10,386.13
Less Payments:	0.00
Total Due:	10,386.13

LOMBARDO WORK POLICIES:

- * We accept no responsibility for layout.
- * We accept no liability for any damage to buried conduit, pipe, wood, beams or footings concealed in or under concrete or asphalt surfaces, or within cutting, drilling, demolition, or excavation depths requested.
- *Any claims for damages must be reported to our office within 48 hours after the damage was done. Lombardo reserves the right to inspect damage and repair it or subcontract the repairs prior to accepting any back charges.
- A finance charge of 1.5% per month (18% APR) will be charged on all accounts not paid within 30 days.
- Purchasers shall pay any Attorney fees incurred in collecting sums due hereunder.

CERTIFIED PAYROLL reports need to be requested at cpr@lombardodrilling.com.

N.O. #: 6275 Date: 4/6/20
 Job #: 21600 Operator: JY Time: 7:00
 (Enter SHOP for non-billable work)

Lombardo Diamond Core Drilling Company, Inc.
 2225 De La Cruz Blvd + Santa Clara, CA 95050 + 408.727.7922 + Cal Lic. 272385

BILLING INFORMATION:
 Name and Address: W.A THOMAS COMPANY Office Phone # _____

Customer Ref #/Job #/ PO #: _____ Order Taken By: _____

Ordered By: _____ Order D/Tm: _____ Date Promised: _____

JOB SITE INFORMATION:
 Name and Address: 25555 HESPERIAN BLVD Phone # _____
HAYWARD BLDG 9100

Contact: _____ Operator #: _____ Supervisor: _____ Estimator: _____

SCOPE OF WORK REQUESTED:

TYPE OF PAYMENT:

LOMBARDO WORK POLICIES:

A FINANCE CHARGE OF 1.5% PER MONTH (18% APR) WILL BE CHARGED ON ALL ACCOUNTS NOT PAID WITHIN 30 DAYS.

LOMBARDO COPY

Job #: 21600 Operator: JY Date: 4-6-20

Description of Work Performed: 154

Quantity	Description
	SLAB GAS SAW
	24' X 9' X 6" A/C
	CUT DICE FOR H/D/R
	B
	B/R 24' X 9' X 6" A/C
	24' X 9' X 6" A/C
	BREAK REMOVE
	ELTKI EQUIP
	Hand demo
	NOTE: THIS IS THE VERIFICATION BY IOR
	WORK TO APPROVE COST.
	JY 4/12

Other Time/Shop Time Description

Travel Start Tm: _____ Arrival Tm: _____ Completion Tm: _____

Labor Hours:

T#	Check box if O.T.														Total	
	B&R	CD	Ex	HS	FS	WS	SI	Oth	Tr	StBy	Shp	13	14	14		
4					1										75	
54															75	
	Shop time not billed to customer															
	Total															

- Work order with hours worked must be turned in daily.
- Overtime and double time paid according to Union Labor Agreements.
- Any SHOP time over 15 minutes must have approval.
- Work order must have customer signature acknowledging work performed.

ADDITIONAL OR MODIFIED SCOPE:
 Lombardo operator(s) performed work in addition to or in lieu of the scope of work originally called in. Pricing will reflect actual work performed.

Accepted By (Customer Representative) _____ Date _____ Company _____
 Customer Initials _____

PURCHASER SHALL PAY ANY REASONABLE ATTORNEY'S FEES INCURRED IN COLLECTING Sums DUE HEREFTER. LOMBARDO WILL NOT BE RESPONSIBLE FOR LAYOUT OR ANY DAMAGE TO BURIED STRUCTURES OR UTILITIES.
 For Reorder email: orders@accuratetraining.com or call (408) 842-8323 #425573 (05/18)

V.O. #: 6395 Date: 4/7/20
Job #: 21600 Time: 7:00
(Enter SHOP for non-billable work)



Lombardo Diamond Core Drilling Company, Inc.
2225 De La Cruz Blvd + Santa Clara, CA 95050 + 408.727.7922 + Cal Lic. 272385

BILLING INFORMATION:

Name and Address: W.A Thomas Company Office Phone # _____
Customer Ref #/Job #/ PO #: _____ Order Taken By: _____
Ordered By: _____ Order D/T/m: _____ Date Promised: _____

JOB SITE INFORMATION:

Name and Address: 2555 Hesperan Blvd Phone # _____
HAYWARD Cal. Contact: _____
Operator #: _____ Supervisor: _____ Estimator: _____

SCOPE OF WORK REQUESTED:

TYPE OF PAYMENT:

LOMBARDO WORK POLICIES:

- > We accept no responsibility for layout.
- > We accept no liability for any damage to buried conduit, pipe, wood or footings concealed in, or under concrete or asphalt surfaces, or within the cutting, drilling, demolition or excavation depth requests.
- > Any claims for damage must be reported at our office within 48 hours after the damage was done, and Lombardo reserves the right to inspect this damage and repair it or sublet the repairs prior to accepting any back charges.

A FINANCE CHARGE OF 1.5% PER MONTH (18% APR) WILL BE CHARGED ON ALL ACCOUNTS NOT PAID WITHIN 30 DAYS.

Job #: 21600 Operator: TH Date: 4/7/20

Description of Work Performed:

Quantity	Description
<u>0</u>	<u>Shipping - 4"x16" x10" 9/c.</u>
	<u>All day amidst Rods and</u>
	<u>Pipes and ConduST</u>
	<u>El:Fi Equip</u>
	<u>Hand demo</u>
	<u>NOTE: This is time verification by JOP.</u>
	<u>VINER for approx cost.</u>
	<u>4/7/20</u>
	Other Time/Shop Time Description

Travel Start Tm: 6:15 Arrival Tm: 7:00 Completion Tm: _____

Labor Hours:

T#	B&R	CD	Ex	HS	FS	WS	SI	Oth	Tr	StBy	Shp	Total
<u>54</u>	<u>8</u>	<u>24</u>								<u>.75</u>		
<u>54</u>	<u>8</u>	<u>24</u>								<u>.75</u>		
												Total

*Shop time not billed to customer

- Work order with hours worked must be turned in daily.
- Overtime and double time paid according to Union Labor Agreements.
- Any SHOP time over 15 minutes must have approval.
- Work order must have customer signature acknowledging work performed.

ADDITIONAL OR MODIFIED SCOPE:

Lombardo operator(s) performed work in addition to or in lieu of the scope of work originally called in. Pricing will reflect actual work performed.

Customer Initials _____

Accepted By: (Customer Representative) _____ Date _____ Company _____

PURCHASER SHALL PAY ANY REASONABLE ATTORNEY'S FEES INCURRED IN COLLECTING SUMS DUE HEREAFTER.
LOMBARDO WILL NOT BE RESPONSIBLE FOR LAYOUT OR ANY DAMAGE TO BURIED STRUCTURES OR UTILITIES.

N.O.#: 6395
 Job #: 21600
(Enter SHOP for non-billable work)

Date: 4/8/20
 Time: 7:00



Lombardo Diamond Core Drilling Company, Inc.
 2225 De La Cruz Blvd + Santa Clara, CA 95050 + 408.727.7922 + Cal Lic. 272385

BILLING INFORMATION:

Name and Address: W.A Thomas Company
 Office Phone #:

Customer Ref #/Job #/PO #: _____ Order Taken By: _____
 Ordered By: _____ Order DVTm: _____ Date Promised: _____

JOB SITE INFORMATION:

Name and Address: 2555 Hesperian Blvd
 Phone #:

Contact: HAYWARD Cal.
 Operator #: _____ Supervisor: _____ Estimator: _____

SCOPE OF WORK REQUESTED:

Note: This is time verification by JOP.
 WNER to approve cost.
 [Signature] 4/8/2020

TYPE OF PAYMENT:

LOMBARDO WORK POLICIES:

- > We accept no responsibility for layout.
- > We accept no liability for any damage to buried conduit, pipe, wood or footings concealed in or under concrete or asphalt surfaces, or within the cutting, drilling, demolition or excavation depth requests.
- > Any claims for damage must be reported at our office within 48 hours after the damage was done, and Lombardo reserves the right to inspect this damage and repair it or submit the repairs prior to accepting any back charges.

A FINANCE CHARGE OF 1.5% PER MONTH (18% APR) WILL BE CHARGED ON ALL ACCOUNTS NOT PAID WITHIN 30 DAYS.

LOMBARDO.COM

Job #: 21600 Operator: T4 Date: 4/8/20

Description of Work Performed:

Quantity	Description
①	2"x16"x10" - SHIPPING CONCRETE
	amidst Rods and
	Pipes and ConduST
	4"X51"X10" SHIPPING CURVE
	and Remove
	4'X4'X12" - 22'X12"X12"
	digging earth.
	1 Truck loaded for The dump
Other Time/Stop Time Description	

Travel Start Tm: 6:15 Arrival Tm: 7:00 Completion Tm: _____

Labor Hours:

T#	Check box if O.T.														Total		
	B&R	CD	Ex	HS	FS	WS	SI	Oth	Tr	StBy	Shp*	11	13	14			
54	4		4														
4	4		4														
*Shop time not billed to customer																	

- Work order with hours worked must be turned in daily.
- Overtime and double time paid according to Union-Labor Agreements.
- Any SHOP time over 15 minutes must have approval.
- Work order must have customer signature acknowledging work performed.

ADDITIONAL OR MODIFIED SCOPE:

Lombardo operator(s) performed work in addition to or in lieu of the scope of work originally called in. Pricing will reflect actual work performed.

Customer Initials

X Accepted By (Customer Representative) _____ Date _____ Company _____

PURCHASER SHALL PAY ANY REASONABLE ATTORNEY'S FEES INCURRED IN COLLECTING SUMS DUE HEREAFTER. LOMBARDO WILL NOT BE RESPONSIBLE FOR LAYOUT OR ANY DAMAGE TO BURIED STRUCTURES OR UTILITIES.

LOMBARDO.COM

CE 11107

N.O. #: 63951
 Job #: 21600
 Date: 4/19/20
 Time: 7:00
 (Enter SHOP for non-billable work)

Lombardo Diamond Core Drilling Company, Inc.
 2225 De La Cruz Blvd + Santa Clara, CA 95050 + 408.727.7922 + Cal Lic. 272385

BILLING INFORMATION:

Name and Address: W.A Thomas Company
 Office Phone #: _____
 Customer Ref #/Job #/ PO #: _____
 Order Taken By: _____
 Order D/T M: _____
 Date Promised: _____

JOB SITE INFORMATION:

Name and Address: 25555 Hesperian Blvd.
 Phone #: _____
 Contact: HAYWAR CO
 Operator #: _____ Supervisor: _____ Estimator: _____

SCOPE OF WORK REQUESTED:

TYPE OF PAYMENT:

LOMBARDO WORK POLICIES:

- > We accept no responsibility for layout.
 - > We accept no liability for any damage to buried conduit, pipe, wood or footings concealed in or under concrete or asphalt surfaces, or within the cutting, drilling, demolition or excavation depth requests.
 - > Any claims for damage must be reported at our office within 48 hours after the damage was done, and Lombardo reserves the right to inspect this damage and repair it or subcontract the repairs prior to accepting any back charges.
- A FINANCE CHARGE OF 1.5% PER MONTH (18% APR) WILL BE CHARGED ON ALL ACCOUNTS NOT PAID WITHIN 30 DAYS.

Job #: 21600 Operator: FW Date: 4/19/20

Description of Work Performed:

Quantity	Description
1	8' X 42" X 7"
	Shipping all day and
	Remove Concrete WITH
	Electric hammer and Pipes
	in between.
	Note: This is true verification by IDP.
	Material to approve cost.
	<u>[Signature]</u> 4/19/20
	Other Time/Shop Time Description

Travel Start Tm: 6:15 Arrival Tm: 7:00 Completion Tm: _____

Labor Hours:

Check box if O.T.																								
		B&R		CD		Ex		HS		FS		WS		SI		Oth		Tr		Sbly		Shp*		
T#		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	Total
54	8																							
4	8																							
*Shop time not billed to customer																								
Total																								

- Work order with hours worked must be turned in daily.
- Overtime and double time paid according to Union Labor Agreements.
- Any SHOP time over 15 minutes must have approval.
- Work order must have customer signature acknowledging work performed.

ADDITIONAL OR MODIFIED SCOPE:

Lombardo operator(s) performed work in addition to or in lieu of the scope of work originally called in. Pricing will reflect actual work performed.

Accepted By (Customer Representative): _____ Date: _____ Company: _____
 Customer initials: _____

PURCHASER SHALL PAY ANY REASONABLE ATTORNEY'S FEES INCURRED IN COLLECTING SUMS DUE HEREFTER. LOMBARDO WILL NOT BE RESPONSIBLE FOR LAYOUT OR ANY DAMAGE TO BURIED STRUCTURES OR UTILITIES.

Job #: 21600 Operator: JY Date: 4/10/20

CE 17164

Date: 7/11/01 LD
Time: 7:00

I.O. #: 65751
Job #: 21600
(Enter SHOP for non-billable work)

Lombardo Diamond Core Drilling Company, Inc.
2225 De La Cruz Blvd + Santa Clara, CA 95050 + 408.727.7922 + Cal Lic. 272385

BILLING INFORMATION:

Name and Address: W.A Thomas Company Office Phone # _____

Customer Ref #/Job #/PO #: _____ Order Taken By: _____
Ordered By: _____ Order D/Tm: _____ Date Promised: _____

JOB SITE INFORMATION:

Name and Address: 2555 Hesperian Blvd Phone # _____

Contact: HAYMAR Supervisor: Cu Estimator: _____

SCOPE OF WORK REQUESTED:

*NOTE: This is true verification by IOP.
MANAGER to approve cost.
4/10/20*

TYPE OF PAYMENT:

LOMBARDO WORK POLICIES:

- > We accept no responsibility for layout.
- > We accept no liability for any damage to buried conduit, pipe, wood or footings concealed in or under concrete or asphalt surfaces, or within the cutting, drilling, demolition or excavation depth requests.
- > Any claims for damage must be reported at our office within 48 hours after the damage was done, and Lombardo reserves the right to inspect this damage and repair it or submit the repairs prior to accepting any back charges.

A FINANCE CHARGE OF 1.5% PER MONTH (18% APR) WILL BE CHARGED ON ALL ACCOUNTS NOT PAID WITHIN 30 DAYS.

LOMBARDO COPY

Description of Work Performed:

Quantity	Description
1	8' X 42" X 7"
1	4' X 42" X 20"
	SHIPPING all day and
	Remove Concrete with
	Electric hammer and PIPES
	In between
	1 loaded Truck for
	Dump
	Other Time/Shop Time Description

Travel Start Tm: 6:15 Arrival Tm: 7:00 Completion Tm: _____

Labor Hours:

T#	B&R	CD	02	03	Ex	HS	05	FS	06	07	08	SI	Oth	09	11	Tr	SIBY	13	14	Ship*	Total	
																						DUMP
54	8																					
4	5																					
*Shop time not billed to customer																					Total	

Check box if O.T.

- Work order with hours worked must be turned in daily.
- Overtime and double time paid according to Union Labor Agreements.
- Any SHOP time over 15 minutes must have approval.
- Work order must have customer signature acknowledging work performed.

ADDITIONAL OR MODIFIED SCOPE:

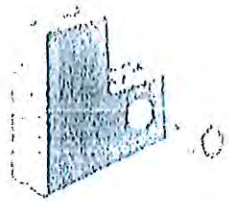
Lombardo operator(s) performed work in addition to or in lieu of the scope of work originally called in. Pricing will reflect actual work performed.

Accepted By (Customer Representative) _____ Date _____ Company _____

Customer Initials _____

PURCHASER SHALL PAY ANY REASONABLE ATTORNEY'S FEES INCURRED IN COLLECTING SUMS DUE HERE-AFTER. LOMBARDO WILL NOT BE RESPONSIBLE FOR LAYOUT OR ANY DAMAGE TO BURIED STRUCTURES OR UTILITIES.

For Recorder email: orders@accusaiteprntpro.com or call (408) 842-6323 id:425579 (09/18)



Lombardo Diamond Core Drilling Company, Inc.
1000 S. ...
...
...

LOMBARDO DIAMOND CORE DRILLING CO., INC.
FORM OF INDEMNITY

JOB LOCATION: CHARLOT COLLEGE, BUDS 2100
CUSTOMER: W. A. THOMAS INC
DATE: 2/12/20 TIME: _____

PLEASE MARK THE BOX(ES) FOR WHICH IDENTIFIABLE HAZARDS AND/OR POTENTIAL CONCERN FOR DAMAGE(S) EXIST. IF NOT SPECIFIED WITHIN THIS SECTION PLEASE SPECIFY ON THE SPACE(S) PROVIDED NEXT TO "OTHER". THE FOLLOWING ITEMS MAY REPRESENT SINGULAR AND/OR MULTIPLE AMOUNTS FOR ITEMS LISTED.

- POST-TENSION CABLE UTILITIES PIPING REBAR CONDUITS
- OTHER: _____ OTHER: _____ OTHER: _____
- OTHER: _____ OTHER: _____ OTHER: _____

I, (Print Name) JAMES SMITH, PROJECT MNGR., a CUSTOMER REPRESENTATIVE of, (Print Company Name) W. A. THOMAS CO., INC., have been made aware by Lombardo Diamond Core Drilling Co., Inc. personnel that any further work by Lombardo Diamond Core Drilling Co., Inc. will likely result in property damage of some type in regards to what has been marked above. I have been forewarned prior to any damage that the possibility of future damage by Lombardo Diamond Core Drilling Co., Inc. is a reasonable and foreseeable risk which I am prepared to assume and do assume by authorizing further work by Lombardo Diamond Core Drilling Co., Inc. As a CUSTOMER REPRESENTATIVE who has been granted the authorization by the CUSTOMER to approve/disapprove work production acknowledge that the CUSTOMER (the party hiring Lombardo Diamond Core Drilling Co., Inc.) assumes any risk of property damage and assumes all responsibility for any damage which occurs by signing this document titled, LOMBARDO DIAMOND CORE DRILLING CO., INC. FORM OF INDEMNITY. By signature, agreeing to this document CUSTOMER agrees in good-faith to be liable for all potential damages that may and can occur with reasonable and foreseeable certainty that Lombardo Diamond Core Drilling Co., Inc. has forewarned CUSTOMER about in regards to the marked item(s) in the box above. By agreeing to this document CUSTOMER releases Lombardo Diamond Core Drilling Co., Inc. of all liability from any property damage in regards to the item(s) marked and/or described in the box above. By signing and dating the lines below I agree to the terms of this, LOMBARDO DIAMOND CORE DRILLING CO., INC. FORM OF INDEMNITY. The LOMBARDO DIAMOND CORE DRILLING CO., INC. FORM OF INDEMNITY supersedes all previous agreements between Lombardo Diamond Core Drilling Co., Inc. and the CUSTOMER in regards to the scope of work in which this document represents, including: contracts, purchase orders, and work authorizations.

James Smith
(CUSTOMER REPRESENTATIVE SIGNATURE)
W. A. THOMAS CO., INC.

2/21/20
(DATE)

W. A. THOMAS CO., INC

2356 Pacheco Blvd
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

Biological Sciences B2100 Building Annex
Chabot College

WATCO Job No. 518

25555 Hesperian Blvd., Hayward CA 94545

CHANGE ESTIMATE No. 17230.1

4/14/2021

Revised

<u>Item</u>	<u>Hrs</u>	<u>Material / Equip.</u>	<u>Labor</u>	<u>Subcontractor</u>	<u>Total</u>
<u>Change Description:</u>					
Provide revised condensate drip pan assemblies for evaporative units per RFI#504, 504.1, 504.2, & 504.3 responses - see CE17281 for drip lines					
<u>Breakdown of Estimated Subcontractor Costs:</u>					
Harris Bay Area proposal #491803-29B dated 12/29/2020 and revised 4/14/2021				\$24,515	\$24,515
Allow paint touchup for KBI Painting 2 hrs				\$200	\$200
				\$0	\$0
<u>Qualifications: Price for itemized work only listed on subcontractor quotation. Overtime excluded. Any extra work not noted or unforeseen conditions will be priced separately.</u>				\$0	\$0
				\$0	\$0
<u>W. A. Thomas Co., Inc. Work</u>					
	0	\$0	\$0		\$0
Allow curring and patching of drywall necessary for Harris to accomplish work 10 hrs	0	\$20	\$1,026		\$1,046
	0	\$0	\$0		\$0
	0	\$0	\$0		\$0
		\$0	\$0		\$0
Subtotal		\$20	\$1,026	\$24,715	\$25,761
Tax 10%					\$0
15% on WATCO work					\$157
5% on Subcontractor Bare Costs (\$179+\$21,827)					\$1,100
1% Bond (GC) project allowance exceeded					\$270
Total Lump Sum					\$27,288

Additional Time:

This quotation is based solely on the direct cost elements involved for the change noted and does not include any evaluation of the impact or the subject change upon the contract time or any costs related thereto. This quotation is only for the work described herein.

Given the stage of construction and complexity of the installation the drip pans cost submitted is reasonable.

By: Jerry Frias, Arup Date: 4/27/2021

CE 17230.1
578



HARRIS BAY AREA, LLC.

99 SOUTH HILL DRIVE BRISBANE, CA 94005
PHONE: (415) 468 5000 FAX: (415)468-4579
CONTRACTOR'S LIC # 1060887

04/14/21

W.A. Thomas Co., Inc.
2356 Pacheco Boulevard
Martinez, CA 94553

ATTENTION: Jim Smith

RE: Chabot College - Biology Sciences B2100 Bldg Annex
Harris CO # 491803-29B

SUBJECT: Condensate Drains and Drip Pan Assemblies for Evaporator Units
(Drip Pan Assemblies Only)

Dear Jim,

Please find attached our labor and material costs as described above. Work to include the addition of condensate drains and independent drip pan assemblies for evaporator units as described in RFI responses #504, 504.1, 504.2, & 504.3. Cost excludes any changes that may be necessary in the elevator machine room. Those costs will be addressed separately, if required. Per the request of the general contractor and construction manager, the previous change order 491803-29 has been voided and split into two separate change orders, 491803-29A and 491803-29B.

The cost for performing the work described above is: **\$24,515** .

Please issue a change order for the above amount.

Please note this change may have an impact on the project schedule. The cumulative affect of this change together with other changes is not known at this time, it is being analyzed and will be forwarded when it has been fully ascertained.

Sincerely,

HARRIS BAY AREA, LLC.

John Hohman

Project Manager

JH/so

Attachments

*Identified costs, and components thereof, are estimates and may not be actual costs
Harris reserves our rights to assess / evaluate cumulative impact of this change.*



HARRIS BAY AREA, LLC.
CHANGE ORDER SUMMARY

4/14/2021

Chabot College - Biology Sciences B2100 Bldg Annex

Change Order Cost Analysis	Estimate	Harris CO # 491803-29B	
Material	Total		
Piping Material Cost - Attachment A (1)	\$0.00		
Sheetmetal Material Cost - Attachment A (2)	\$1,134.14		
Miscellaneous Cost - Attachment C	\$0.00		
Consumables	\$113.41		
Subtotal	\$1,247.55		
+ 9.75% Sales Tax	\$121.64		
Subtotal Material	\$1,369.19		
Labor Summary - Attachment A	Total	Hours	Hourly Rate
Plumber/Welder/Fitter (Local # 342)	\$0.00	0.00	\$136.32
Plumbing Foreman (Local # 342)	\$0.00	0.00	\$148.00
Plumbing General Foreman (Local # 342)	\$0.00	0.00	\$156.89
Sheetmetal Worker (Field) (Local #104)	\$8,653.44	64.00	\$135.21
Sheetmetal Foreman (Field) (Local # 104)	\$3,110.43	20.80	\$149.54
Sheetmetal Gen Foreman (Field) (Local # 104)	\$0.00	0.00	\$159.09
Plumbing/Pipefitter Shop	\$0.00	0.00	\$135.08
Plumbing/Pipefitter Shop Foreman	\$0.00	0.00	\$147.15
Sheetmetal Shop	\$2,568.99	19.00	\$135.21
Sheetmetal Shop Gen Foreman	\$615.03	3.80	\$161.85
Shop Burden	\$912.00	19.00	\$48.00
Laborer	\$0.00	0.00	\$71.80
Harris Coordination	\$0.00	0.00	\$155.00
State of California Wage Order #16	\$481.66	3.53	\$136.32
Cartage/Trucking	\$180.00	2.00	\$90.00
Corona Virus Protocol Impact on Daily Production (16%)	\$1,882.22		
Subtotal Labor	\$18,403.78		
Other Direct Costs	Total		
Tool/Equipment Rental - Attachment B	\$0.00		
Reproduction Costs	\$0.00		
Standard Additional Covid-19 PPE	\$254.51		
Subtotal	\$254.51		
+ 9.75% Sales Tax	\$0.00		
Subtotal Other Direct Costs	\$254.51		
Total (Material, Labor, Other)	\$20,027.47		
+ 12% Mark-Up	\$2,403.30		
Subtotal	\$22,430.77		
Subcontractor Costs			
+ Subcontractor's Cost	\$1,800.00		
+ Subcontractor 5% Markup	\$90.00		
Subtotal	\$24,320.77		
+ 0.8% Bond	\$194.57		
Total	\$24,515.33		

This Change Order does not include any amounts for changes in the work sequence, delays, disruptions, consequential cost impacts and/or impact costs due to the cumulative effect of this change order with other changes or for any other reasons. Identified costs, and components thereof, are estimates and may not represent actual costs. Harris reserves our rights to assess / evaluate cumulative impact of this change.

Attachment A(2) - Sheetmetal Material/Labor Breakdown
Harris CO # 491803-29B

Qty	Size	Description	Unit Price	Price Total	Shop Labor	Field Labor
		Layout of drip pan assemblies (Foreman @ 8 hrs)				
						(See Summary)
30	1"	x 10' long Galv. Duct Strap 22ga. (1/4" hole punch)		\$ 43.47	3.00	
100		Hilti x-u 19 p8 TH Concrete shot pins w/ plastic & metal washer		\$ 54.95		
40	5/16"	Hilti tek screws with Rubber Washer	\$ 0.21	\$ 8.40		
12		Grey Silka Flex	\$ 10.36	\$ 124.32		
120		Feet of 18ga Center Room Drip Pan	\$ 507.00	\$ 507.00		
70		Feet of 18ga Wall Mount Drip Pan	\$ 351.00	\$ 351.00		
4		18ga Center Room End Caps - Drip Pan	\$ 3.75	\$ 15.00		
8		18ga Wall Mount End Caps - Drip Pan	\$ 3.75	\$ 30.00		
		Shop Labor for fabrication of Drip Pan			16.00	
		Field Time - (2) Sheet Metal Worker @ 4 days				64.00
		Foreman Oversight				(See Summary)
		TOTAL		\$ 1,134.14	19.00	64.00

ATTACHMENT B

Attachment B - Equipment Rental			Harris CO # 491803-29B	
Item	Term	Quantity	Price/Unit	Total Cost
TRUCK	DAYS	2.60	\$201.82	\$524.73
<u>Deduct: Truck Cost (To be billed under Harris CO # 491803-14)</u>				(\$524.73)
Total				\$0.00

Identified costs, and components thereof, are estimates and may not represent actual costs.

S U B C O N T R A C T O R S	PIPING SUBCONTRACTORS	
	Description	Amount (\$)
	Bayview Insulation	\$ 1,800.00
	Subtotal =	\$ 1,800.00

W. A. THOMAS CO., INC.

2356 Pacheco Boulevard
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

FIELD REQUEST FOR INFORMATION NO.: 504

Eric Barger Date: July 15, 2020
Vanir CM. Re: Chabot Bio-Science Annex
E-Mail: eric.barger@vanir.com Pages Faxed: 2 WATCO Project: 518
Subject: EU Condensate drain, pipe size, location, and routing

Spec. / Drwg: Attached

Contractor: F.W. Spencer

Info.Req: Please see attached FWS RFI 146, Dated 7/15/2020 : On the contract drawings there is not any drain piping shown for any of the EU units. No condensate pipe is included in the model.

Mechanical schedule M-002 indicates there is to be plumbing piping for condensate removal for 2 units EU-1A and EU-1B.

The schedule shows condensate pumps are included with all 7 EU units (EU-1A, EU-1B, EU-2, EU-3, EU-4, EU-5, EU-6), and the units have connections for condensate drains.

Please confirm which EU units should have drain piping.

For each unit that requires drain piping we will need the following for each unit:

1. Pipe size for drain piping
2. Routing
3. Termination point of drain piping.

Please note the condensate pump supplied with all the units is Sauermann Si-30-300 approved as part of submittal 238126-145.5.

Appreciably Different Yes No
Urgency: High

Date Information Needed: 7/29/2020

Cost / Schedule Impact: TBD

Project IOR: _____

Bill Luce W. A. THOMAS CO. INC.

RESPONSE: Refer to MEOR response attached (2 pages).

By: Michael Myers, HED
Response Date: 7/21/20

Sub Copy: _____

DSA Approval: _____

560 Mission Street, Suite 700
San Francisco, CA 94105
t +415 957 9445

CHABOT COLLEGE BIOLOGY ANNEX

Received: 7/16/2020
Returned: 7/16/2020
Arup Project #: 245042-00

Harley Ellis Devereaux
417 Montgomery St #400
San Francisco, CA 94104
Attention: Anna MacDougall

Subject: EU Condensate

Information Requested:

Please see attached FWS RFI 146, Dated 7/15/2020 : On the contract drawings there is not any drain piping shown for any of the EU units. No condensate pipe is included in the model. Mechanical schedule M-002 indicates there is to be plumbing piping for condensate removal for 2 units EU-1A and EU-1B.

The schedule shows condensate pumps are included with all 7 EU units (EU-1A, EU-1B, EU-2, EU-3, EU-4, EU-5, EU-6), and the units have connections for condensate drains.

Please confirm which EU units should have drain piping.

For each unit that requires drain piping we will need the following for each unit:

1. Pipe size for drain piping
2. Routing
3. Termination point of drain piping.

Please note the condensate pump supplied with all the units is Sauermann Si-30-300 approved as part of submittal 238126-145.5.

Responses

Shakeel Ahmed - Mechanical

Condensate Drain at each unit is required per drawing M002.

1. Provide 3/4 inch condensate drain, copper type L per specification 23 21 13 section 3.8 B.
2. See attached sketch showing pipe routing
3. Terminate at Mop Sink



CHABOT COLLEGE
 Biological Sciences
 Building Annex
 25555 Hepston Drive
 Hayward, CA 94545



ARUP
 Arup North America, LLC
 1100 California Street, Suite 300
 San Francisco, CA 94109
 Tel: 415 774 2000
 Fax: 415 774 2001

9/16/17 - DSA Approval
 Revision: No Date Description
 1 10/19/2018 Bureau 01



HED
 1515 UNIVERSITY AVENUE
 SUITE 300
 OAKLAND, CALIFORNIA
 94612
 (415) 881-1204
 WWW.HED.EDU

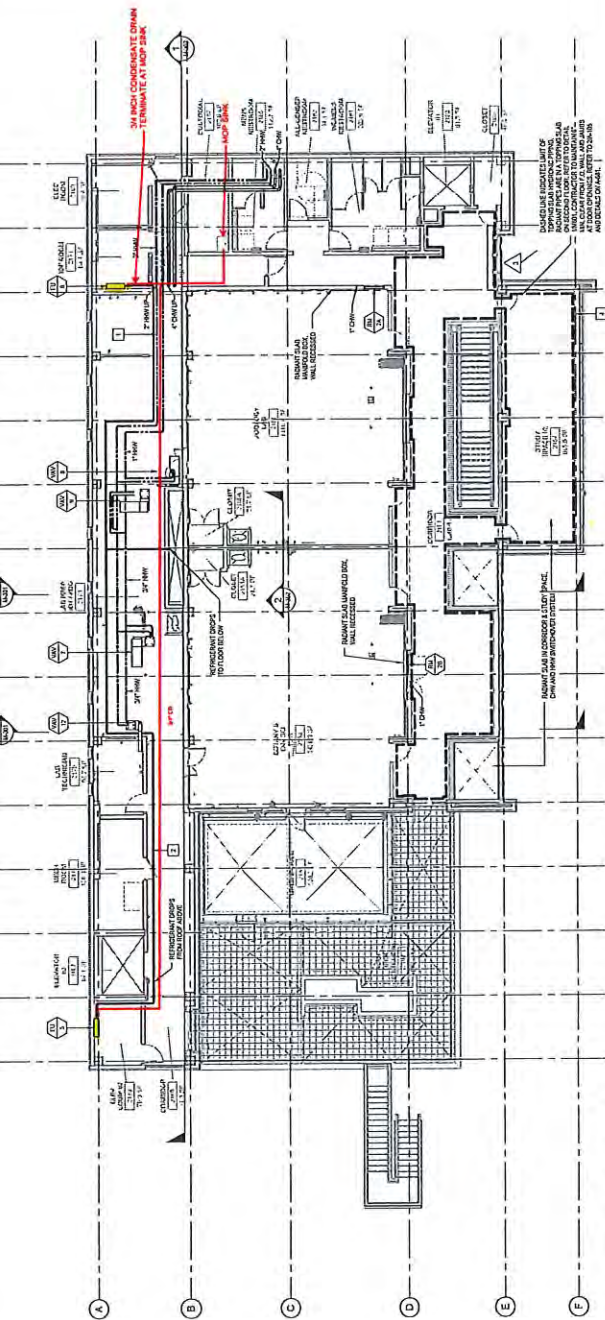


PROJECT: 0219
 PROJECT NO.: 31602
 DRAWN BY: DJC
 CHECKED BY: JFT
 APPROVED BY: JFT

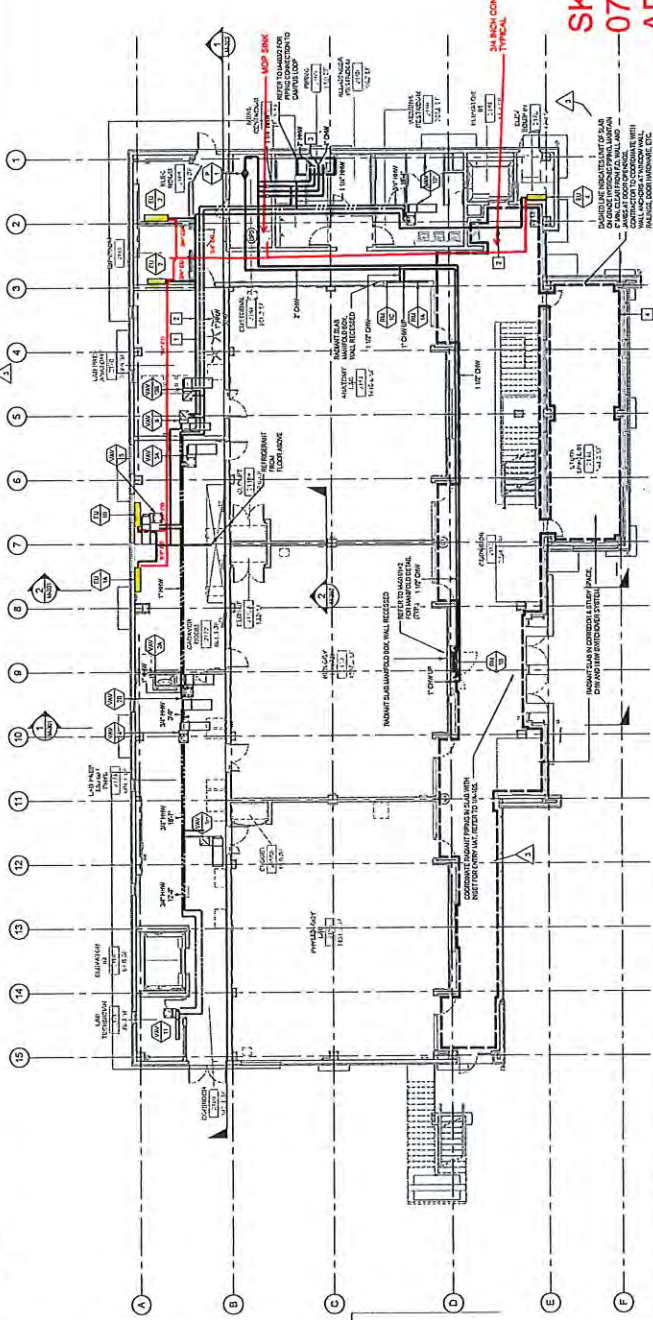
TITLE: FIRST & SECOND FLOOR PIPING PLANS
 SHEET NO.: M-201

KEYED NOTES

1. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2015 CALIFORNIA MECHANICAL CODE (CMC) AND THE 2015 CALIFORNIA PLUMBING CODE (CPC).
2. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2015 CALIFORNIA MECHANICAL CODE (CMC) AND THE 2015 CALIFORNIA PLUMBING CODE (CPC).
3. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2015 CALIFORNIA MECHANICAL CODE (CMC) AND THE 2015 CALIFORNIA PLUMBING CODE (CPC).
4. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2015 CALIFORNIA MECHANICAL CODE (CMC) AND THE 2015 CALIFORNIA PLUMBING CODE (CPC).



2 SECOND FLOOR PIPING PLAN



1 FIRST FLOOR PIPING PLAN

SKM RFI 0504
07-16-2020
ARUP

Harris

Request for Information #146

Prepared by:

John Hohman
Project Manager
(650) 776-3903
jhohman@harriscompany.com

Date:

July 15, 2020

Project Name:

491803 Chabot College

Subject: EU Condensate drain, pipe size, location, and routing**Description:**

On the contract drawings there is not any drain piping shown for any of the EU units. No condensate pipe is included in the model.

Mechanical schedule M-002 indicates there is to be plumbing piping for condensate removal for 2 units EU-1A and EU-1B.

The schedule shows condensate pumps are included with all 7 EU units (EU-1A, EU-1B, EU-2, EU-3, EU-4, EU-5, EU-6), and the units have connections for condensate drains.

Please confirm which EU units should have drain piping.

For each unit that requires drain piping we will need the following for each unit:

1. Pipe size for drain piping
2. Routing
3. Termination point of drain piping.

Please note the condensate pump supplied with all the units is Sauermann Si-30-300 approved as part of submittal 238126-145.5.

Answer:

W. A. THOMAS CO., INC.

2356 Pacheco Boulevard
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

FIELD REQUEST FOR INFORMATION NO.: 504.1

Eric Barger Date: July 28, 2020
Vanir CM. Re: Chabot Bio-Science Annex
E-Mail: eric.barger@vanir.com Pages Faxed: 3 WATCO Project: 518
Subject: EU Condensate drain, pipe size, location, and routing

Spec. / Drwg: Attached

Contractor: F.W. Spencer

Info.Reg: Please see attached FWS RFI 146.1, Dated 7/24/2020 : The response to RFI 504 (Harris #146) directed Harris to terminate all EU condensate lines to a single mop sink on each floor. Due to structural beams, and similar obstacles, the mop sink termination location will not work for all the EU units. The routing in RFI 504 will require the condensate pipe to drop below the ceiling. Please note the EU units are not shown in the correct locations on the RFI response, they were moved per the following RFIs:
EU-1A & EU-1B per RFI 199.1 (location approved in shop drawing submittal #230500-221-001)
EU-2, EU-3 & EU-6 moved per RFI 430 / RFI 430.1 EU-4 & EU-5 moved per RFI 457 / RFI 457.1

Please see attached mark up of RFI 504 response showing the correct EU locations (orange) and possible condensate drain route and termination locations (green).

Please confirm the alternate termination points for the condensate drains are acceptable.

Please confirm drip pan under EU-6 in electrical room should extend under condensate drain.

Appreciably Different Yes No
Urgency: High

Date Information Needed: 8/11/2020

Cost / Schedule Impact: TBD

Project IOR: _____

Bill Luce W. A. THOMAS CO. INC.

RESPONSE: No exceptions taken to contractor proposals. All condensate piping is to be provided with a condensate drain pan.

By: Michael Myers, HED

Sub Copy: _____

Response Date: 8/6/20

DSA Approval: _____

Harris

Request for Information #146.1

Prepared by:

John Hohman
Project Manager
(650) 776-3903
jhohman@harriscompany.com

Date:

July 24, 2020

Project Name:

491803 Chabot College

Subject: EU Condensate Drain Routing**Description:**

The response to RFI 504 (Harris #146) directed Harris to terminate all EU condensate lines to a single mop sink on each floor. Due to structural beams, and similar obstacles, the mop sink termination location will not work for all the EU units. The routing in RFI 504 will require the condensate pipe to drop below the ceiling.

Please note the EU units are not shown in the correct locations on the RFI response, they were moved per the following RFIs:

EU-1A & EU-1B per RFI 199.1 (location approved in shop drawing submittal #230500-221-001)
EU-2, EU-3 & EU-6 moved per RFI 430 / RFI 430.1
EU-4 & EU-5 moved per RFI 457 / RFI 457.1

Please see attached mark up of RFI 504 response showing the correct EU locations (orange) and possible condensate drain route and termination locations (green).

Please confirm the alternate termination points for the condensate drains are acceptable.

Please confirm drip pan under EU-6 in electrical room should extend under condensate drain.

Answer:



CHABOT COLLEGE
 Biological Sciences
 Building Annex
 25555 Hepatica Drive
 Hayward, CA 94545



ARUP
 Arup North America Ltd.
 1000 California Street, Suite 1000
 San Francisco, CA 94108
 Tel: 415 774 2000
 Fax: 415 774 2001

Harris RFI 146.1
07-24-2020

KEYED NOTES

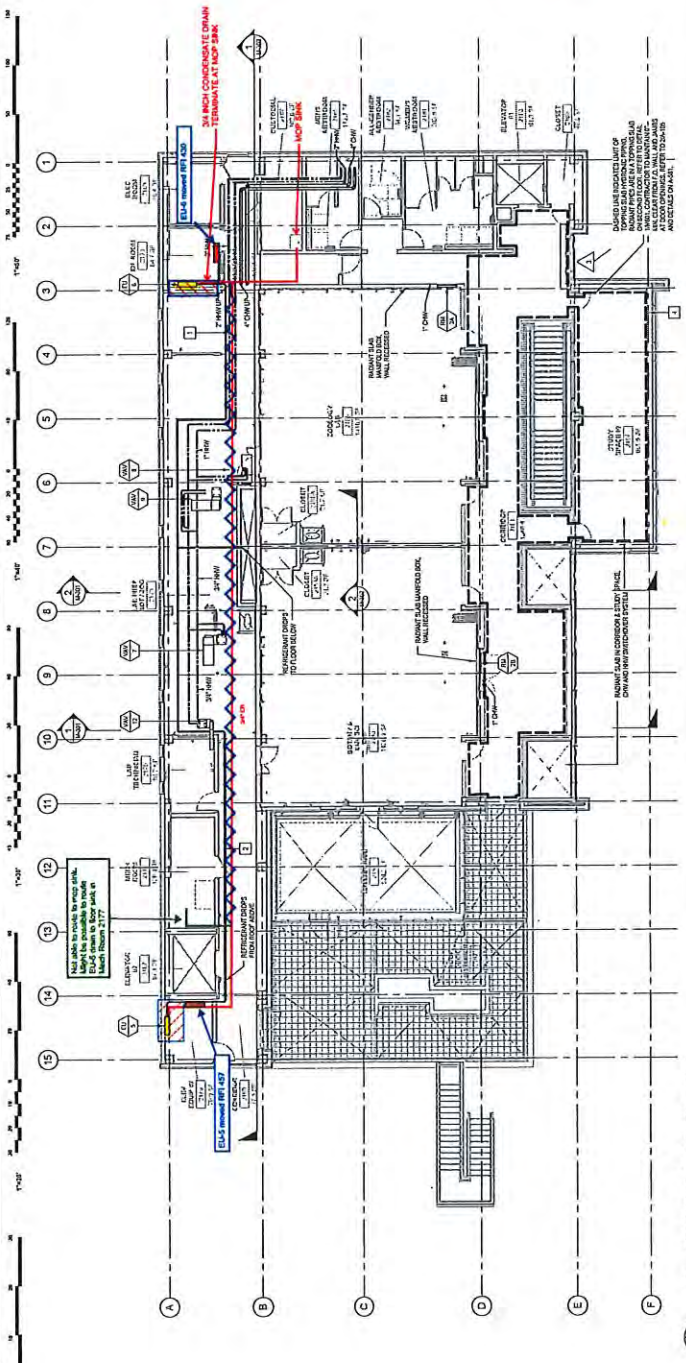
1. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS.
2. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS.
3. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS.
4. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS.



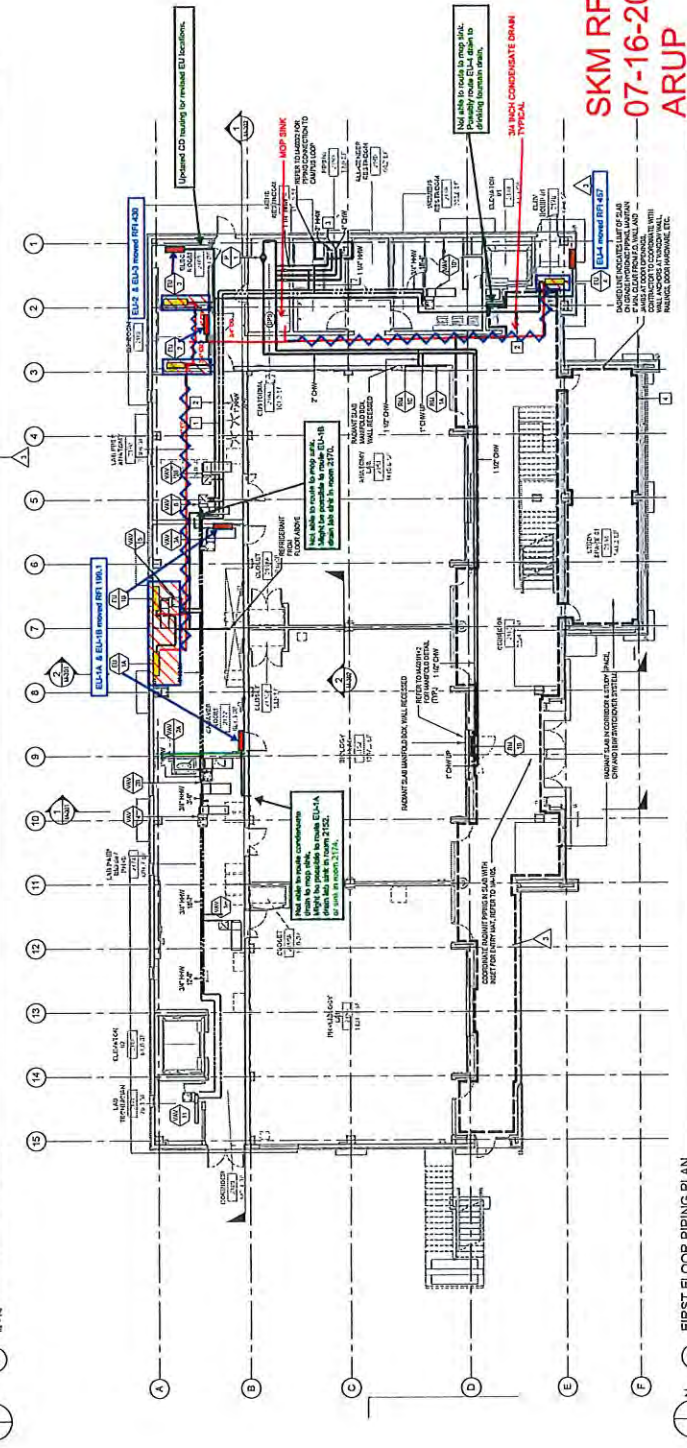
HED
 HED CONSULTING ENGINEERS
 1150 COLLEAVILLE STREET
 SUITE 200
 OAKLAND, CALIFORNIA
 94612
 TEL: 415 774 2000
 WWW.HEDCONSULTING.COM

Project No. 20507
 Drawn: DK
 Approved: JT
 Title: **FIRST & SECOND FLOOR PIPING PLANS**

Sheet No. **M-201**



2 SECOND FLOOR PIPING PLAN



1 FIRST FLOOR PIPING PLAN

SKM RFI 0504
07-16-2020
ARUP

W. A. THOMAS CO., INC.

2356 Pacheco Boulevard
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

FIELD REQUEST FOR INFORMATION NO.: 504.2

Eric Barger Date: August 25, 2020
Vanir CM. Re: Chabot Bio-Science Annex
E-Mail: eric.barger@vanir.com Pages Faxed: 2 WATCO Project: 518
Subject: EU Condensate drain, pipe size, location, and routing

Spec. / Drwg: Attached

Contractor: F.W. Spencer

Info.Req: Please see attached FWS RFI 146.2 : The response to RFI 504.1 (Harris #146.1) directed Harris to provide condensate drain pan for ALL condensate piping.

The response did not specify how the drain pan should be installed. Will a V hanger with sheet metal angle be acceptable?

Or will a drip pan tray, separately supported from the condensate piping supports be required.

Appreciably Different Yes No
Urgency: High

Date Information Needed: 9/8/2020 Project IOR: _____

Cost / Schedule Impact: Yes _____

Bill Luce W. A. THOMAS CO. INC.

RESPONSE: _____

See Arup response on page 2 of pdf.

By: **A. MacDougall, HED** Sub Copy: _____

Response Date: **8/31/2020** DSA Approval: _____

560 Mission Street, Suite 700
San Francisco, CA 94105
t +415 957 9445

CHABOT COLLEGE BIOLOGY ANNEX

Received: 8/27/2020
Returned: 8/27/2020
Arup Project #: 245042-00

Harley Ellis Devereaux
417 Montgomery St #400
San Francisco, CA 94104
Attention: Anna MacDougall

Subject: EU Condensate drain

Information Requested:

Please see attached FWS RFI 146.2 : The response to RFI 504.1 (Harris #146.1) directed Harris to provide condensate drain pan for ALL condensate piping.

The response did not specify how the drain pan should be installed. Will a V hanger with sheet metal angle be acceptable?

Or will a drip pan tray, separately supported from the condensate piping supports be required.

Responses

Jerry Frias - Mechanical

Provide separately supported drain pans.

Harris

Request for Information #146.2

Prepared by:

John Hohman
Project Manager
(650) 776-3903
jhohman@harriscompany.com

Date:

August 19, 2020

Project Name:

491803 Chabot College

Subject: EU Condensate Drain Pan Installation**Description:**

The response to RFI 504.1 (Harris #146.1) directed Harris to provide condensate drain pan for ALL condensate piping.

The response did not specify how the drain pan should be installed.
Will a V hanger with sheet metal angle be acceptable?

Or will a drip pan tray, separately supported from the condensate piping supports be required.

Answer:

W. A. THOMAS CO., INC.

2356 Pacheco Boulevard
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

FIELD REQUEST FOR INFORMATION NO.: 504.3

Eric Barger Date: September 24, 2020
Vanir CM. Re: Chabot Bio-Science Annex
E-Mail: eric.barger@vanir.com Pages Faxed: 7 WATCO Project: 518
Subject: condensate drain drip pan detail

Spec. / Drwg: Attached

Contractor: F.W. Spencer

Info.Req: Please see attached FWS RFI 146.3, Dated 9/24/2020 : RFI 504.2 requires the condensate drain to have a drip pan that is independently supported. The details for the required drip pan were not included in the RFI response.
Please see the attached design for a drip pan and confirm it is acceptable. If Harris detail or any portion not acceptable details will need to be provided in RFI response.

Appreciably Different Yes No
Urgency: High

Date Information Needed: 10/8/2020

Cost / Schedule Impact: Yes

Project IOR: _____

Bill Luce W. A. THOMAS CO. INC.

RESPONSE: No exception taken to contractor proposal.

By: Michael Myers, HED

Response Date: 9/28/2020

Sub Copy: _____

DSA Approval: _____

560 Mission Street, Suite 700
San Francisco, CA 94105
t +415 957 9445

CHABOT COLLEGE BIOLOGY ANNEX

Received: 9/25/2020
Returned: 9/28/2020
Arup Project #: 245042-00

Harley Ellis Devereaux
417 Montgomery St #400
San Francisco, CA 94104
Attention: Anna MacDougall

Subject: Condensate Drain Drip Pan Detail

Information Requested:

Please see attached FWS RFI 146.3, Dated 9/24/2020 : RFI 504.2 requires the condensate drain to have a drip pan that is independently supported. The details for the required drip pan were not included in the RFI response.

Please see the attached design for a drip pan and confirm it is acceptable. If Harris detail or any portion not acceptable details will need to be provided in RFI response.

Responses

Jerry Frias - Mechanical

The proposed drain pans construction methodology are acceptable.

Coordinate final dimensions with equipment requirements.

Harris

Request for Information #146.3

Prepared by:

John Hohman
Project Manager
(650) 776-3903
jhohman@harriscompany.com

Date:

September 24, 2020

Project Name:

491803 Chabot College

Subject: EU condensate drain drip pan detail

Description:

RFI 504.2 requires the condensate drain to have a drip pan that is independently supported. The details for the required drip pan were not included in the RFI response.

Please see the attached design for a drip pan and confirm it is acceptable. If Harris detail or any portion not acceptable details will need to be provided in RFI response.

Answer:

Harris RFI 146.3

Detail for hanging drip pan for condensate drain.

Drip pan to be made from 18 gauge galvanized sheet metal.

12' long sections of sheet metal.

Overlap each connection.

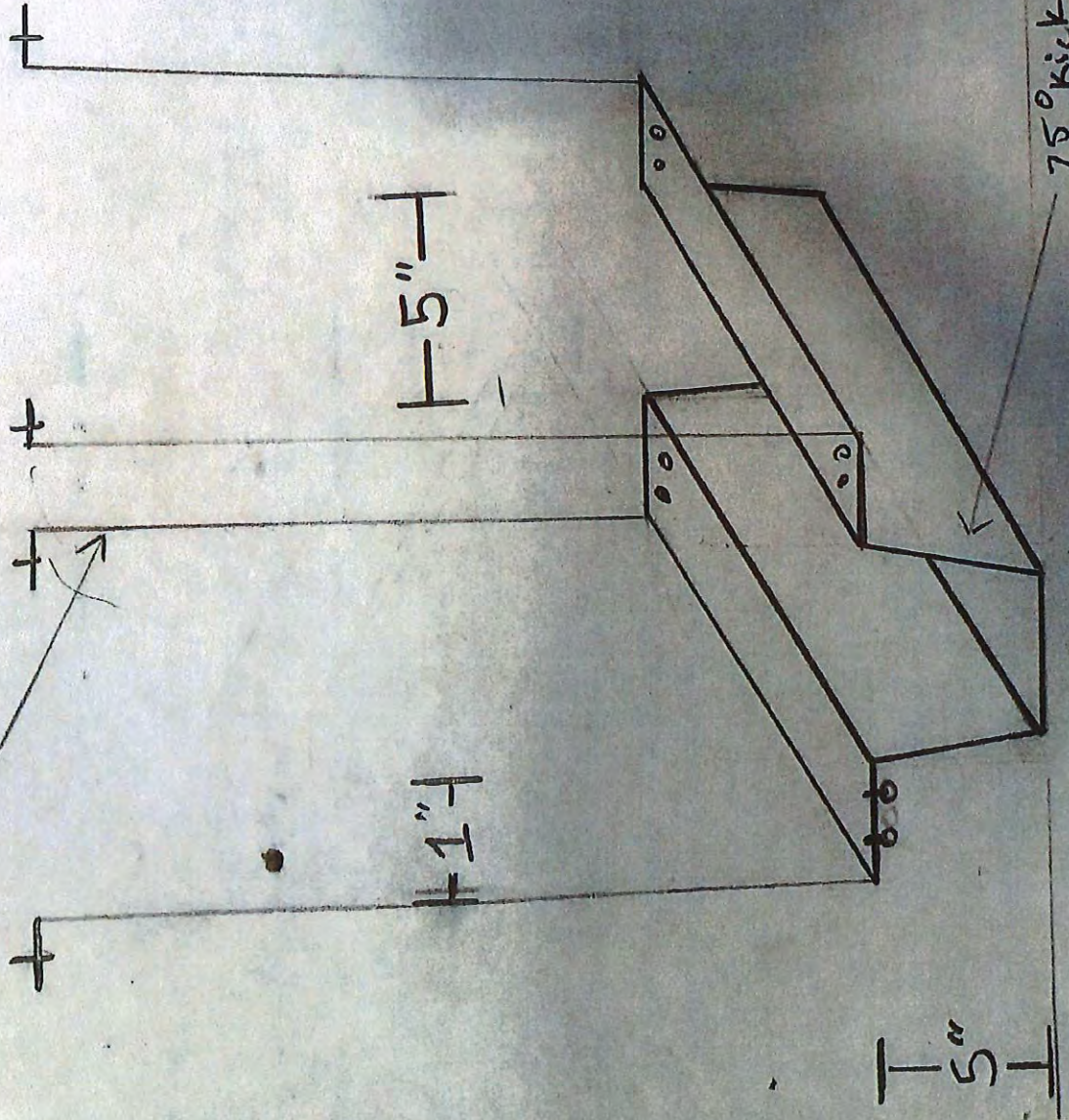
Secure connection and end caps with sheet metal screws with rubber washers.

Seal each connection with Sikaflex.

22 gauge galvanized sheet metal strap for support.

Straps connected to ceiling with Hilti 3/4" X-U fastener (shot pin).

22 Gauge Galv Strap for Support



75° Kick In

Harris RFI 146.3 Detail for Drip Pan for condensate drain where wall mounted.

Drip pan to be made from 18 gauge galvanized sheet metal.
12' long sections of sheet metal will be used to make drip pans.

Overlap each connection.

Secure connection and end caps with sheet metal screws with rubber washers.

Seal each connection with Sikaflex.

Mounted to wall with Hilti 3/4" X-U fastener (shot pin).

Wall mount
18 Gauge Galvi

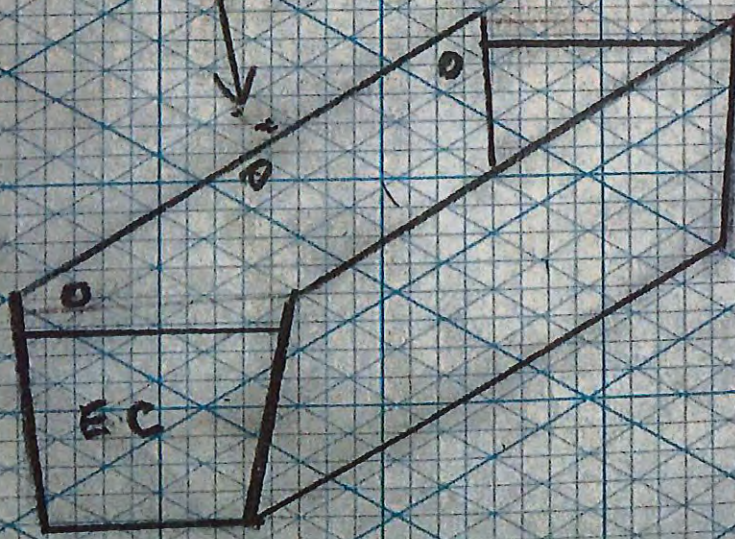
Hilti
Shot pins
to the
wall

5"

5"

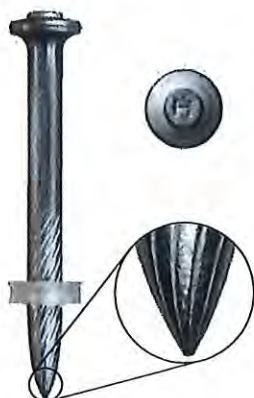
2"

EC



3.2.3 X-U Universal Knurled Shank Fasteners

- 3.2.3.1 Product Description
- 3.2.3.2 Material Specifications
- 3.2.3.3 Technical Data
- 3.2.3.4 Ordering Information



3.2.3.1 Product Description

The Hilti X-U universal knurled shank fastener is designed as a high performance solution to simplify powder-actuated fastener selection. The X-U is one fastener type that performs equally well on both high and standard strength concrete and steel.

To help ensure reliable fastenings, the X-U fastener has matched tolerance to all Hilti powder-actuated tools using 8 mm fastener guides and drive pistons through an 8 mm nail head diameter and an 8 mm plastic guidance washer set near the nail tip. The X-U program also includes fasteners with pre-mounted steel washers of 15 mm or 36 mm.

Product Features

- A 0.157" shank diameter for high performance in both tension and shear applications
- Unique knurling design offering higher pullout strength and anchorage in concrete and steel
- Full range of fasteners in single or collated configurations to maximize productivity
- No requirement for unique drive pistons or special equipment
- Recognized for horizontal wood deck diaphragms subjected to wind or seismic forces (Reference ICC-ES ESR-2269)

Listings/Approvals

ICC-ES (International Code Council)
ESR-2269
COLA (City of Los Angeles)
RR 25675



3.2.3.2 Material Specifications

Fastener Designation	Fastener Material	Fastener Plating	Fastener Hardness
X-U	Carbon Steel	5 µm Zinc ¹	58 HRC

¹ ASTM B633, SC 1, Type III. Refer to Section 2.3.3.1 for more information.

3.2.3.3 Technical Data

Allowable Loads in Normal Weight Concrete¹

Fastener	Shank Diameter in. (mm)	Minimum Embedment in. (mm)	Concrete Compressive Strength					
			2000 psi		4000 psi		6000 psi	
			Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)
X-U	0.157 (4.0)	3/4 (19)	100 (0.44)	125 (0.57)	100 (0.44)	125 (0.57)	105 (0.47)	205 (0.91)
		1 (25)	165 (0.73)	190 (0.85)	170 (0.76)	225 (1.00)	110 (0.49)	280 (1.25)
		1-1/4 (32)	240 (1.07)	310 (1.38)	280 (1.25)	310 (1.38)	180 (0.80)	425 (1.89)
		1-1/2 (38)	275 (1.22)	420 (1.87)	325 (1.45)	420 (1.87)	-	-

¹ The tabulated allowable load values are for the low-velocity fasteners only, using a safety factor that is greater than or equal to 5.0, calculated in accordance with ICC-ES AC70. Wood or steel members connected to the substrate must be investigated in accordance with accepted design criteria.

Allowable Loads in Normal Weight Concrete Using DX-Kwik^{1,2}

Fastener	Shank Diameter in. (mm)	Minimum Embedment in. (mm)	Concrete Compressive Strength			
			4000 psi		6000 psi	
			Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)
X-U 47 P8 w/DX-KWIK	0.157 (4.0)	1-1/2 (38)	395 (1.76)	405 (1.80)	360 (1.60)	570 (2.54)

¹ X-U Fastener is installed using the DX-KWIK drilled pilot hole installation procedure shown in Section 3.2.1.1.10.

² The tabulated allowable load values are for the low-velocity fasteners only, using a safety factor that is greater than or equal to 5.0, calculated in accordance with ICC-ES AC70. Wood or steel members connected to the substrate must be investigated in accordance with accepted design criteria.

X-U Universal Knurled Shank Fasteners 3.2.3

Allowable Loads in Minimum $f'_c = 3000$ psi Structural Lightweight Concrete^{1,4}

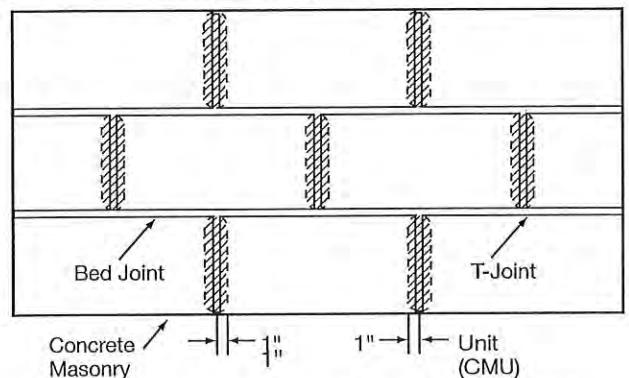
Fastener	Shank Dia. in. (mm)	Minimum Embed. in. (mm)	Fastener Location							
			Installed into Concrete		Installed Through Metal Deck into Concrete					
			Tension lb (kN)	Shear lb (kN)	3 Inch Deep Composite Floor Deck ²		1-1/2 Inch Deep Composite Floor Deck ³			
					Tension lb (kN)	Shear lb (kN)	Upper Flute	Lower Flute	Upper Flute	Lower Flute
X-U	0.157 (4.0)	3/4 (19)	125 (0.56)	115 (0.51)	130 (0.58)	95 (0.42)	245 (1.09)	95 (0.42)	95 (0.42)	370 (1.65)
		1 (25)	205 (0.91)	260 (1.16)	215 (0.96)	155 (0.69)	330 (1.47)	125 (0.56)	125 (0.56)	415 (1.85)
		1-1/4 (32)	315 (1.40)	435 (1.93)	295 (1.31)	200 (0.89)	375 (1.67)	-	-	-
		1-1/2 (38)	425 (1.89)	475 (2.11)	400 (1.78)	260 (1.16)	430 (1.91)	-	-	-

- The tabulated allowable load values are for the low-velocity fasteners only, using a safety factor that is greater than or equal to 5.0, calculated in accordance with ICC-ES AC70. Wood or steel members connected to the substrate must be investigated in accordance with accepted design criteria.
- The steel deck profile for the 3" deep composite floor deck has a minimum thickness of 20 gauge (0.0358") and a minimum $F_y = 33$ ksi. Lower and upper flute width must be a minimum of 3-7/8". Figure 1 in Section 3.2.1.1.6 shows the nominal flute dimensions, fastener locations and load orientations for the deck profile. Structural lightweight concrete fill above top of steel deck must be minimum 3-1/4".
- The steel deck profile for the 1-1/2" deep composite floor deck has a minimum thickness of 20 gauge (0.0358") and a minimum $F_y = 33$ ksi. Lower flute and upper flute widths must be a minimum of 1-3/4" and 3-1/2", respectively. This deck may also be inverted as shown in Figure 3 in Section 3.2.1.1.6. Figures 2 and 3 in Section 3.2.1.1.6 show the nominal flute dimensions, fastener locations and load orientations for the deck profile. Structural lightweight concrete fill above top of steel deck must be minimum 2-1/2".
- Multiple fasteners are recommended for any attachment.

Allowable Loads in Concrete Masonry Units^{1,2,3,4,5,10}

Fastener	Shank Dia. in. (mm)	Minimum Embed. in. (mm)	Hollow CMU				Grout-Filled CMU					
			Face Shell ⁶		Mortar Joint ⁶		Face Shell ⁶		Mortar Joint ⁶		Top of Grouted Cell ⁸	
			Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear ⁷ lb (kN)	Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear ⁷ lb (kN)	Tension lb (kN)	Shear ⁹ lb (kN)
X-U	0.157 (4.0)	1 (25)	70 (0.31)	85 (0.38)	25 (0.11)	70 (0.31)	225 (1.00)	220 (0.98)	150 (0.67)	190 (0.85)	165 (0.73)	240 (1.07)

- The tabulated allowable load values are for the low-velocity fastener into concrete masonry units only, using a safety factor equal to or greater than 5.0, calculated in accordance with ICC-ES AC70. Wood or steel members connected to the substrate must be investigated in accordance with accepted design criteria.
- The tabulated allowable load values are for low-velocity fasteners installed in normal weight or lightweight concrete masonry units conforming to ASTM C90.
- The tabulated allowable load values are for low-velocity fasteners installed in concrete masonry units with mortar conforming to ASTM C270, Type S.
- The tabulated allowable load values are for low-velocity fasteners installed in concrete masonry units with grout conforming to ASTM C476.
- The tabulated allowable load values are for one low-velocity fastener installed in an individual masonry unit cell and at least 4" from the edge of the wall.
- Fastener can be located anywhere on the face shell or mortar joints as shown in the figure to the right.
- Shear load direction can be horizontal or vertical (Bed Joint or T-Joint) along the CMU wall plane.
- Fastener located in center of grouted cell installed vertically.
- Shear load can be in any direction in top of grouted cell application.
- Multiple fasteners are recommended for any attachment.



Acceptable Locations (NON-SHADED AREAS) for X-U Universal Knurled Shank Fasteners in CMU Walls

Allowable Loads in Minimum ASTM A36 ($F_y \geq 36$ ksi; $F_u \geq 58$ ksi) Steel^{1,2,4}

Fastener	Shank Dia. in. (mm)	Steel Thickness in.									
		3/16		1/4		3/8		1/2		$\geq 3/4$ ³	
		Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)
X-U	0.157 (4.0)	535 (2.38)	720 (3.20)	775 (3.45)	720 (3.20)	935 (4.16)	720 (3.20)	900 (4.00)	720 (3.20)	350 (1.56)	375 (1.67)

- The tabulated allowable load values are for the low-velocity fasteners only, using a safety factor that is greater than or equal to 5.0, calculated in accordance with ICC-ES AC70. Wood or steel members connected to the substrate must be investigated in accordance with accepted design criteria.
- Low-velocity fasteners shall be driven to where the point of the fastener penetrates the steel base material, except as noted.
- Tabulated allowable load values provided for $\geq 3/4$ " steel are based upon minimum point penetration of 1/2". If 1/2" point penetration is not achieved, but a point penetration of at least 3/8" is obtained, the tabulated tension value should be reduced by 20 percent and the tabulated shear load should be reduced by 8 percent.
- Multiple fasteners are recommended for any attachment.

3.2.3 X-U Universal Knurled Shank Fasteners

Allowable Tensile Pullover and Shear Bearing Load Capacities for Steel Framing with X-U Powder-Actuated Fasteners^{1,2,3,4}

Fastener Description	Fastener	Head Dia. in. (mm)	Sheet Steel Thickness													
			14 ga.		16 ga.		18 ga.		20 ga.		22 ga.		24 ga.		25/26 ga	
			Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)	Tension lb (kN)	Shear lb (kN)
0.157" shank with or w/o plastic washers or MX collation	X-U	0.322 (8.2)	825 (3.67)	1,085 (4.83)	685 (3.05)	720 (3.20)	490 (2.18)	525 (2.34)	360 (1.60)	445 (1.98)	300 (1.33)	330 (1.47)	205 (0.91)	255 (1.13)	120 (0.53)	145 (0.64)

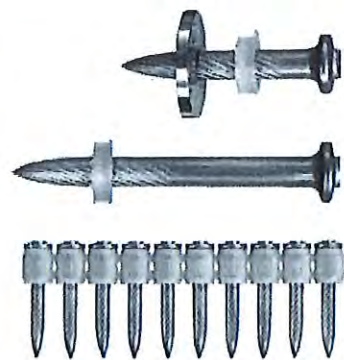
- 1 Allowable load values are based on a safety factor of 3.0 in accordance with the AISI S100.
- 2 Allowable pullover capacities of sheet steel should be compared to allowable fastener tensile load capacities in concrete, steel, or masonry to determine controlling resistance load.
- 3 Allowable shear load bearing capacities of sheet steel should be compared to allowable fastener shear capacities in concrete, steel or masonry to determine controlling resistance load.
- 4 Data is based on the following minimum sheet steel properties, $F_y = 33$ ksi, $F_u = 45$ ksi (ASTM A653 material).

3.2.3.4 Ordering Information

Fastener Description	Shank Length in. (mm)	Shank Ø in. (mm)	Washer Ø	Packaging Qty
X-U 16	5/8 (16)	0.157 (4.0)	Plastic 8 mm or collated	100 pcs / box
X-U 19	3/4 (19)	0.157 (4.0)	Plastic 8 mm or collated	100 pcs / box
X-U 22	7/8 (22)	0.157 (4.0)	Plastic 8 mm or collated	100 pcs / box
X-U 27	1 (27)	0.157 (4.0)	Plastic 8 mm or collated	100 pcs / box
X-U 32	1-1/4 (32)	0.157 (4.0)	Plastic 8 mm or collated	100 pcs / box
X-U 37	1-1/2 (37)	0.157 (4.0)	Plastic 8 mm or collated	100 pcs / box
X-U 42	1-5/8 (42)	0.157 (4.0)	Plastic 8 mm or collated	100 pcs / box
X-U 47	1-7/8 (47)	0.157 (4.0)	Plastic 8 mm or collated	100 pcs / box
X-U 52	2 (52)	0.157 (4.0)	Plastic 8 mm or collated	100 pcs / box
X-U 57	2-1/4 (57)	0.157 (4.0)	Plastic 8 mm or collated	100 pcs / box
X-U 62	2-1/2 (62)	0.157 (4.0)	Plastic 8 mm or collated	100 pcs / box
X-U 72	2-7/8 (72)	0.157 (4.0)	Plastic 8 mm or collated	100 pcs / box

Fastener Description	Shank Length in. (mm)	Shank Ø in. (mm)	Washer Ø	Packaging Qty
X-U 22 P8 S15	7/8 (22)	0.157 (4.0)	Plastic 8 mm & Steel 15 mm	100 pcs / box
X-U 27 P8 S15	1 (27)	0.157 (4.0)	Plastic 8 mm & Steel 15 mm	100 pcs / box
X-U 32 P8 S15	1-1/4 (32)	0.157 (4.0)	Plastic 8 mm & Steel 15 mm	100 pcs / box
X-U 32 P8 S36	1-1/4 (32)	0.157 (4.0)	Plastic 8 mm & Steel 36 mm	100 pcs / box
X-U 72 P8 S36	2-7/8 (72)	0.157 (4.0)	Plastic 8 mm & Steel 36 mm	100 pcs / box

Fastener Description	Shank Length in. (mm)	Shank Ø in. (mm)	Washer Ø	Packaging Qty
X-U 16 P8 TH	5/8 (16)	0.157 (4.0)	8 mm plastic & metal "tophat"	100 pcs / box
X-U 19 P8 TH	3/4 (19)	0.157 (4.0)	8 mm plastic & metal "tophat"	100 pcs / box
X-U 27 P8 TH	1 (27)	0.157 (4.0)	8 mm plastic & metal "tophat"	100 pcs / box



W. A. THOMAS CO., INC

2356 Pacheco Blvd
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

Biological Sciences B2100 Building Annex
Chabot College
25555 Hesperian Blvd., Hayward CA 94545

WATCO Job No. 518

CHANGE ESTIMATE No. 17243.2

9/28/2021

Revision 2

<u>Item</u>	<u>Hrs</u>	<u>Material / Equip.</u>	<u>Labor</u>	<u>Subcontractor</u>	<u>Total</u>
<u>Change Description:</u>					
Furnish and Install one Soap Dispenser for review per RFI# 516.3 response / direction					
<u>Breakdown of Estimated Subcontractor Costs:</u>					
Murphy Specialties PCO# 01 dated 9/17/2020, Mock up #01, spigot too short.				\$226	\$226
WATCO Purchase another new soap dispenser for Mock up #02.		\$97	\$96		\$193
WATCO Purchase 11 new soap dispensers, turn over specified to District. Material only		\$501		\$0	\$501
				\$0	\$0
<u>Qualifications: Price for itemized work only listed on subcontractor quotation. Overtime excluded. Any extra work not noted or unforeseen conditions will be priced separately.</u>				\$0	\$0
				\$0	\$0
<u>W. A. Thomas Co., Inc. Work</u>					
	0	\$0	\$0		\$0
	0	\$0	\$0		\$0
	0	\$0	\$0		\$0
	0	\$0	\$0		\$0
		\$0	\$0		\$0
Subtotal		\$598	\$96	\$226	\$920
Tax 10%					\$60
15% on WATCO work					\$104
5% on Subcontractor Bare Costs (\$206)					\$10
1% Bond (GC) project allowance exceeded					\$11
Total Lump Sum					\$1,105
<u>Additional Time:</u>					

This quotation is based solely on the direct cost elements involved for the change noted and does not include any evaluation of the impact or the subject change upon the contract time or any costs related thereto. This quotation is only for the work described herein.

Murphy Specialties Inc
 905B Cotting Lane, Suite 170
 Vacaville CA 95688
 (707)761-8000 Phone / (855)259-1080 Fax

Proposed Change Order

Date: 9/17/2020 #1
 General Contractor: W.A. Thomas
 Contact: Bill Luce
 Project: Chabot College Bio. Bldg. B2100
 Subject: Soap Dispenser Change

The revisions requested are as noted below:

ADD for submitted item: Item #

Item	Description	Quantity	Total -Add
8226	Proposed Soap Dispenser	1	\$79.00
Trip Charge	Trip Charge	1	\$150.00
0		0	\$0.00
0		0	\$0.00
0		0	\$0.00
0		0	\$0.00
TOTAL			\$229.00

CREDIT for submitted item:

Item	Description	Quantity	Total-Credit
82216	Specified Soap Dispenser	1	(\$79)
Restock Fee	Manufactures Restock Fee	1	\$20
Frieght	Return Frieght Fee	1	\$36
0		0	\$0
0		0	\$0
0		0	\$0
TOTAL			(\$23)

TOTAL FOR ALL REVISIONS AS LISTED:

ADDITIONS	\$229.00
CREDITS	(\$23.25)
Sub-Total	\$205.75
Waived-Change before Order 10% Admin Fee	\$20.58
TOTAL	\$226.33

NET COST

Please note: Any Change Order not approved or processed through General Contractor at time

of install is subject to increase. Material will NOT be ordered until this PCO is SIGNED

Please sign, date & return this copy, along with instructions on how to proceed with this proposed change order :

Signature:

Position:

Date:

Respectfully Submitted,
 Murphy Specialties Inc



W A THOMAS CO INC
 4003 9010 2092 0557
 May 07, 2021 - June 06, 2021
 Page 3 of 4

Transactions

Posting Date	Transaction Date	Description	Reference Number	Amount
W A THOMAS CO INC				
Account Number: 0557				
06/02	06/02	Fees Charged		
		LATE PAYMENT FEE		49.00
		TOTAL FEES FOR THIS PERIOD		\$49.00
Finance Charge				
06/04	06/04	PURCHASE *FINANCE CHARGE*		116.31
		TOTAL FINANCE CHARGE FOR THIS PERIOD		\$116.31
LUCE, WILLIAM				
Account Number: 9484				
Purchases and Other Charges				
05/10	05/07	CHEVRON 0205756 BRENTWOOD CA	24692161127100747769148	124.54
05/10	05/08	POWER MARKET 3046 BRENTWOOD CA	24034541129001251484173	18.81
05/13	05/12	LIVERMORE GAS & SHOP LIVERMORE CA	24801971133839000245641	100.00
05/17	05/15	SPEEDEE & MIDAS BRENTWOOD CA	24431061136207041100529	56.78
05/17	05/15	BRENTWOOD AUTO PARTS BRENTWOOD CA	24717051136161364333595	73.60
05/18	05/17	LIVERMORE GAS & SHOP LIVERMORE CA	24801971138839000266881	100.00
05/24	05/21	CHEVRON 0205756 BRENTWOOD CA	24692161141100937157221	103.98
05/26	05/25	LIVERMORE GAS & SHOP LIVERMORE CA	24801971146839000300953	83.97
05/31	05/28	SUSTAINABLE SUPPLY 888-207-3005 CO	24492151148713373227377	501.47
06/01	05/30	POWER MARKET 3046 BRENTWOOD CA	24034541151004692260187	39.76
06/01	05/30	POWER MARKET 3046 BRENTWOOD CA	24034541151004692260146	75.00

— SOAP Dispensers Purchased online

W. A. THOMAS CO., INC.

56 Pacheco Boulevard
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

FIELD REQUEST FOR INFORMATION NO.: 516.3

Eric Barger Date: December 09, 2020
Vanir CM. Re: Chabot Bio-Science Annex
E-Mail: eric.barger@vanir.com Pages Faxed: 8 WATCO Project: 518
Subject: RFI's from returned Accessory submittal

Spec. / Drwg: Attached

Contractor: Murphy Specialty

Info.Reg: See attached. RFI 516 issued on 10/1 due to specified accessories and fixtures not compatible or coordinated by the design disciplines. The contractor provided a suggested alternative soap dispenser which was approved. The response also asked the contractor to confirm ADA compliance which is not a contractor responsibility. RFI 516.1 was issued on 11/16, stating the contractor could not confirm the ADA compliance. Cut sheets for the approved soap dispenser were also provided by the contractor, yet the response then changed the previously approved model # to a different model. The contractor was asked through construction management to issue 516.2 and supply the contractors statement again that they could not confirm the ADA requirements. RFI 516.2 was issued 12/8, with the contractors statement, yet it indicated cut sheets where included and they were not. The response to RFI 516.2 came back asking for the missing cut sheets, so now we are issuing RFI 516.3 which is a very real waste of time. The cut sheets provided with RFI 516.1 are available for review in a few different forms. They are also included in hopefully this last RFI 516.3. It is not the contractors responsibility to confirm ADA compliance. The question is, which replacement soap dispenser is going to be requested? A Bobrick 8221, or a Bobrick B-8226. The question of ADA compliance remains.

Appreciably Different Yes No

Urgency: High / A two month question and response for a soap dispenser.

Date Information Needed: 12/23/2020

Cost / Schedule Impact: Yes

Project IOR:

Bill Luce W. A. THOMAS CO. INC.

RESPONSE: Apologies for confusion around this RFI. It appears that we missed that contractor was recommending Bobrick 8221. If contractor proposes 8221 as a compatible product with the lav, HED suggests installing one unit and it can be reviewed to determine if accessibility requirements are met before proceeding with balance of installation.

By: Michael Myers, HED

Sub Copy:

Response Date: 12/10/20

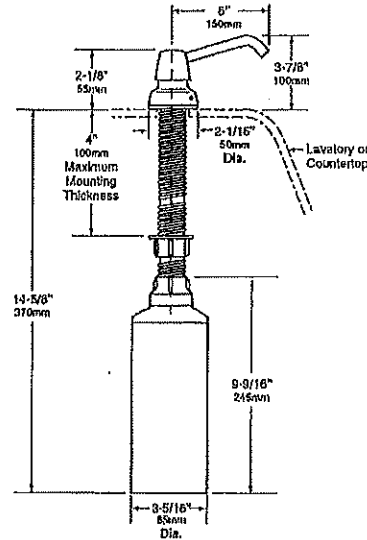
DSA Approval:



Technical Data

LAVATORY-MOUNTED SOAP DISPENSER

B-8226



MATERIALS:

Piston, Spout, and Top Cover — Type-304 stainless steel with bright polished finish.

Cover Spacer — Rigid, impact-resistant polyester.

Escutcheon — Chrome-plated, high-impact-resistant ABS with bright polished finish. Concealed locking mechanism.

Body and Shank — High-impact-resistant plastic.

Valve — ABS cylinder. Stainless steel spring. U-packing seal and duckbills.

Container — Translucent, shatter-resistant polyethylene. Capacity: 34-fl oz (1.0-L).

OPERATION:

Press piston down to dispense commercially marketed all purpose hand soaps. Vandal-resistant spout can rotate 360° without damage to unit. Escutcheon locks to body with concealed locking mechanism that is opened with special key provided. To fill from top, unlock cover and remove piston, spout, and supply-tube assembly. Unit may also be filled by removing container from below lavatory.

Designer's Note: Bobrick liquid soap dispensers are designed to dispense commercially marketed all purpose hand soaps including liquid and lotion soaps, synthetic detergents, and antibacterial soaps containing PCMX and/or Triclosan.

INSTALLATION:

Unit is designed for installation in 1" (25mm) diameter hole in porcelain-enameled steel, cast-iron or vitreous-china lavatories, as well as in countertops adjacent to lavatories. Unit may be mounted in unused faucet hole or through special hole requisitioned when lavatory is ordered from manufacturer (specify punching location). Shank accommodates maximum 4" (100mm) mounting thickness and can be cut in the field. Clearance required for container diameter is 3-3/8" (85mm).

SPECIFICATION:

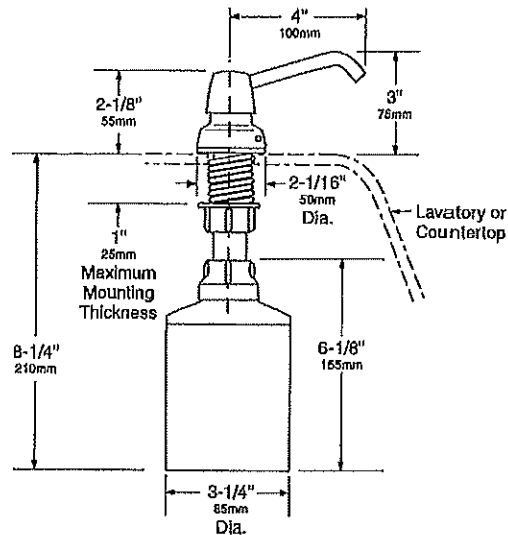
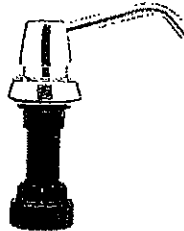
Lavatory-mounted soap dispenser shall dispense commercially marketed all purpose hand soaps. Piston and spout assembly shall be type-304 stainless steel with bright polished finish. Spout shall rotate 360° without damage to valve mechanism. Escutcheon shall lock to body with concealed locking mechanism that is opened with special key provided. Piston, spout, and supply-tube assembly shall be removable from top for filling and maintenance. Valve shall be equipped with plastic cylinder, stainless steel spring, U-packing seal, and duckbills. Shank shall accommodate mounting thicknesses up to 4" (100mm). Translucent, shatter-resistant polyethylene container shall have a capacity of 34-fl oz (1.0-L).

Lavatory-Mounted Soap Dispenser shall be Model B-8226 of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.



LAVATORY-MOUNTED SOAP DISPENSER

B-822¹



MATERIALS:

Piston, Spout, and Top Cover — Type-304 stainless steel with bright polished finish.

Cover Spacer — Rigid, impact-resistant polyester.

Escutcheon — Chrome-plated, high-impact-resistant ABS with bright polished finish. Concealed locking mechanism.

Body and Shank — High-impact-resistant plastic.

Valve — ABS cylinder. Stainless steel spring. U-packing seal and duckbills.

Container — Translucent, shatter-resistant polyethylene. Capacity: 20-fl oz (0.6-L).

OPERATION:

Press piston down to dispense commercially marketed all purpose hand soaps. Vandal-resistant spout can rotate 360° without damage to unit. Escutcheon locks to body with concealed locking mechanism that is opened with special key provided. To fill from top, unlock cover and remove piston, spout, and supply-tube assembly. Unit may also be filled by removing container from below lavatory.

Designer's Note: Bobrick liquid soap dispensers are designed to dispense commercially marketed all purpose hand soaps including liquid and lotion soaps, synthetic detergents, non-iodine based soaps and do not use alcohol based sanitisers.

INSTALLATION:

Unit is designed for installation in 1" (25mm) diameter hole in porcelain-enameled steel, cast-iron or vitreous-china lavatories, as well as in countertops adjacent to lavatories. Unit may be mounted in unused faucet hole or through special hole requisitioned when lavatory is ordered from manufacturer (specify punching location). Shank accommodates maximum 1" (25mm) mounting thickness and can be cut in the field. Clearance required for container diameter is 3-5/16" (85mm).

SPECIFICATION:

Lavatory-mounted soap dispenser shall dispense commercially marketed all purpose hand soaps. Piston and spout assembly shall be Type-304 stainless steel with bright polished finish. Escutcheon shall lock to body with concealed locking mechanism that is opened only with special key provided. Spout shall rotate 360° without damage to valve mechanism. Piston, spout, and supply-tube assembly shall be removable from top for filling and maintenance. Valve shall be equipped with plastic cylinder, stainless steel spring, U-packing seal, and duckbills. Shank shall accommodate mounting thicknesses up to 1" (25mm). Translucent, shatter-resistant polyethylene container shall have a capacity of 20-fl oz (0.6-L).

Lavatory-Mounted Soap Dispenser shall be Model B-82216 of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.

W. A. THOMAS CO., INC

2356 Pacheco Blvd
Martinez, CA 94553

Telephone (925) 228-9800
FAX (925) 228-6932

Biological Sciences B2100 Building Annex
Chabot College

WATCO Job No. 518

25555 Hesperian Blvd., Hayward CA 94545

CHANGE ESTIMATE No. 17262.1

9/22/2021

Revised

<u>Item</u>	<u>Hrs</u>	<u>Material /</u>		<u>Labor</u>	<u>Subcontractor</u>	<u>Total</u>
		<u>Equip.</u>				
<u>Change Description:</u>						
Furnish and Installed revised siteowrk concrete per Bulletin #4.1						
<u>Breakdown of Estimated Subcontractor Costs:</u>						
Bradley Concrete COR# 10R2 dated 2/8/2021					\$0	\$0
					\$6,068	\$6,068
					\$0	\$0
					\$0	\$0
<u>Qualifications: Price for itemized work only listed on subcontractor quotation. Overtime excluded. Any extra work not noted or unforeseen conditions will be priced separately.</u>						
					\$0	\$0
					\$0	\$0
<u>W. A. Thomas Co., Inc. Work</u>						
		\$0		\$0		\$0
		\$0		\$0		\$0
		\$0		\$0		\$0
<u>Subtotal</u>		\$0		\$0	\$6,068	\$6,068

Tax 10%	\$0
15% on WATCO work	\$0
5% on Subcontractor Costs (\$5418)	\$271
1% Bond (GC)	\$63

Total Lump Sum

\$6,402

Additional Time: One Day per Bradley Concrete E-mail dated 7/21/21

This quotation is based solely on the direct cost elements involved for the change noted and does not include any evaluation of the impact or the subject change upon the contract time or any costs related thereto. This quotation is only for the work described herein.



853 Buckeye Ct.
Milpitas, CA 95035
P: (408) 503-7660
F: (408) 503-7661
Lic. #975261

Date: 2/8/2021

CHANGE ORDER REQUEST

W.A. Thomas
2356 Pacheco Blvd
Martinez, CA 94553

Bradley Concrete COR # 10R2

Bradley Concrete Job # 1690

Attention: Jim Smith
Project: Chabot College Bio Sciences B2100
Subject: Bulletin 4.1 Changes
Phone: 925-228-9600
Fax: 925-228-6932

Bradley Concrete is pleased to provide our COR for the above referenced project. Our scope of work is clarified as follows:

- Additional 246 SF of concrete paving per detail 7/L-402.

***See attached recap sheet and quantity takeoff for reference.**

Exclusions:

- Premium and/or overtime.
- Professional survey or staking.
- Demolition.
- Grading, backfill, or base rock.
- Caulking of expansion joints.
- Integral color or topcast

Total COR Amount: \$6,068

Clarifications:

All work to be performed during normal hours Monday through Friday 7:00am - 3:30pm unless otherwise noted above.
This quote is only valid for 30 days after this quotation date.

If you have any questions, please do not hesitate to call.
Sincerely,

Bradley Concrete

Kevin Ranger
Sr. Project Engineer

Bradley Concrete COR 10R2 Recap Sheet

JOB NAME: Chabot College Bio Sciences B2100
 CO DESCR: Bulletin 4.1 Changes

JOB# 1690
 TAG# N/A

2/8/2021
 02:35 PM

	CLASSIFICATION	HOURS	RATE	TOTAL
	Mason General Foreman	4.00	123.54	494.16
L	Mason	16.00	88.01	1,408.16
A	Laborer	16.00	75.06	1,200.96
B				0.00
O				0.00
R				0.00
	Total Hours	36.00		

3,103.28

	DESCRIPTION	QUANTITY	COST	TOTAL
M	Concrete (CY)	5	200.00	1,000.00
A	Formwork material (LS)	1	500.00	500.00
T	Dowels (each)	15	5.00	75.00
R	Epoxy (tubes)	2	70.00	140.00
I	Rebar (lbs)	300	2.00	600.00
A				0.00
L				0.00

2,315.00

	DESCRIPTION	HOURS/DAY	RATE	TOTAL
E				0.00
Q				0.00
U				0.00
I				0.00
P				0.00
M				0.00
E				0.00
N				0.00
T				0.00

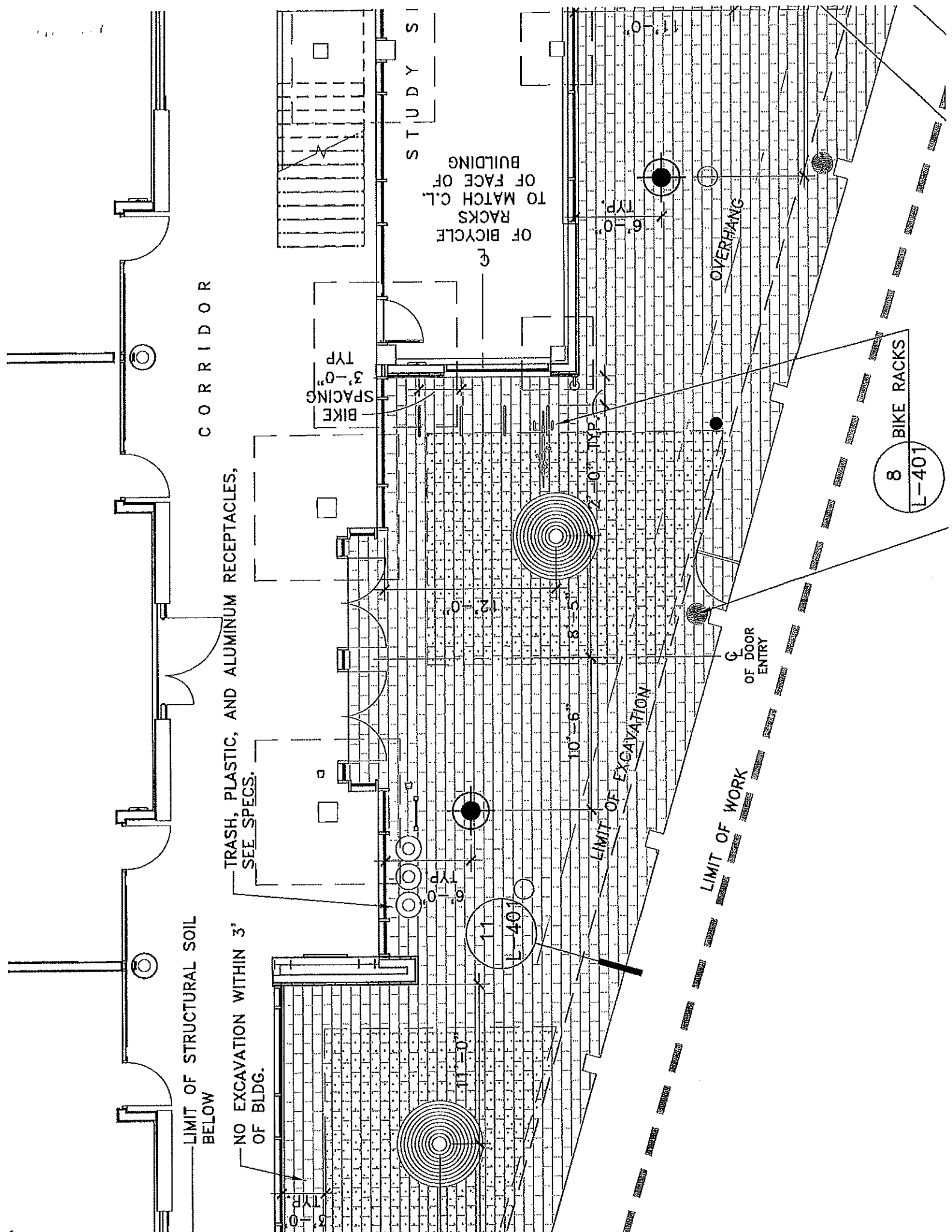
0.00

	COST	TOTAL
S		0.00
U		0.00
B		0.00
		0.00

LABOR COST 3,103.28
 MATERIAL COST 2,315.00
 EQUIPMENT COST 0.00
 SUBCONTRACTOR: 0.00
 SUBTOTAL: 5,418.28

12% OH&P: 650.19

FINAL TOTAL 6,068.47



CORRIDOR

STUDY SI

OF BICYCLE RACKS TO MATCH C.L. OF FACE OF BUILDING

BIKE SPACING 3'-0" TYP.

TRASH, PLASTIC, AND ALUMINUM RECEPTACLES, SEE SPECS.

LIMIT OF STRUCTURAL SOIL BELOW

NO EXCAVATION WITHIN 3' OF BLDG.

L-401

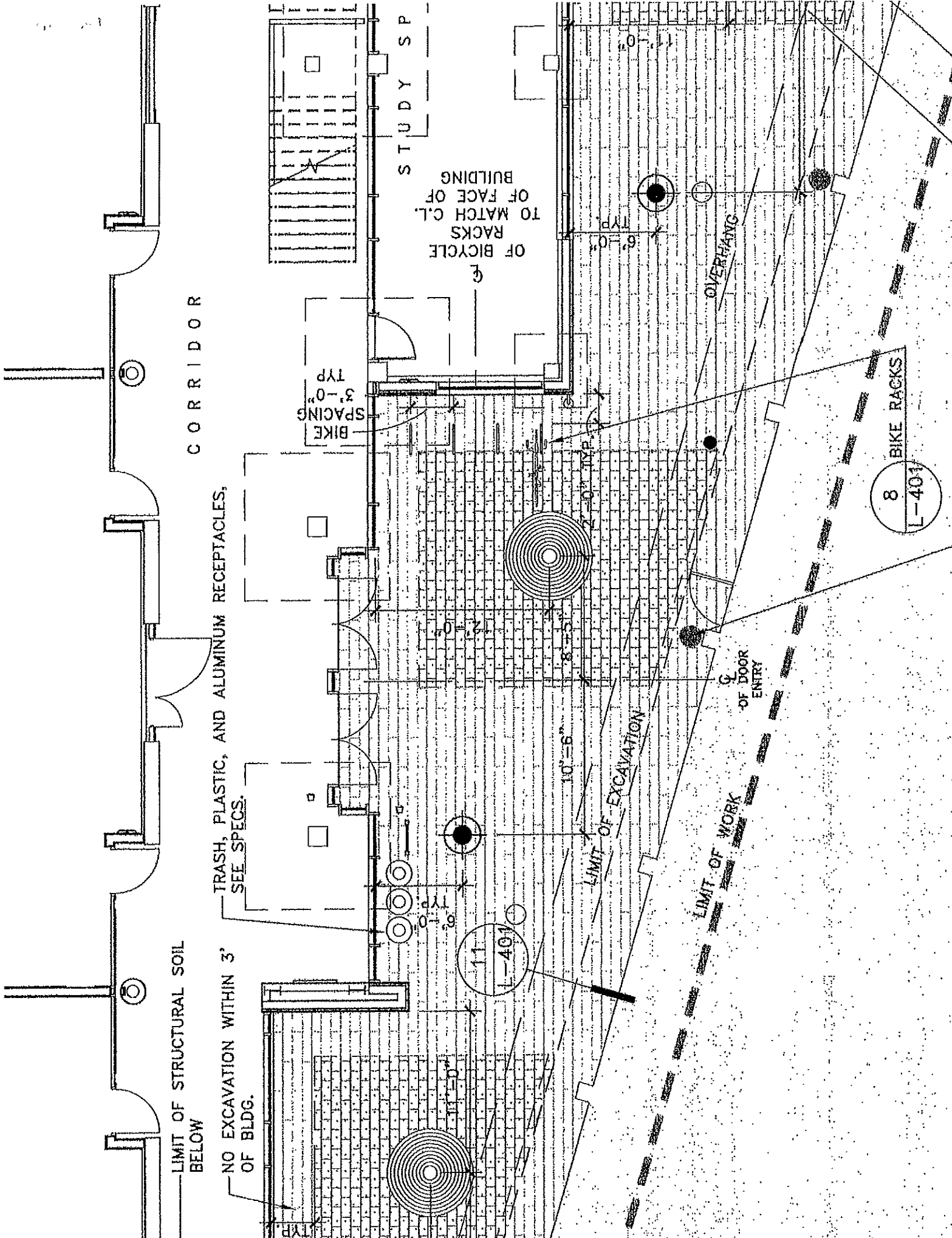
LIMIT OF EXCAVATION

LIMIT OF WORK

C.L. OF DOOR ENTRY

OVERHANG

8 BIKE RACKS L-401



LIMIT OF STRUCTURAL SOIL BELOW

NO EXCAVATION WITHIN 3' OF BLDG.

TRASH, PLASTIC, AND ALUMINUM RECEPTACLES, SEE SPECS.

CORRIDOR

BIKE SPACING 3'-0" TYP

STUDY SP

OF BICYCLE RACKS TO MATCH C.L. OF FACE OF BUILDING

LIMIT OF EXCAVATION

LIMIT OF WORK OF DOOR ENTRY

OVERHANG

8 BIKE RACKS L-401

L-401

L-401

10'-6"

8'-5"

2'-0" TYP

6'-0" TYP

0'

0'



Date • January 14, 2020
Project No. • 2015-30004-000
Client Project No. •

Project • Chabot College- B2100 Biological Sciences Building

**THIS IS A REQUEST FOR SUBMISSION OF QUOTATION
AND NOT AN ORDER FOR THE WORK**

- This Bulletin is issued after Contract Award to obtain a quotation for proposed change(s) in the Work.
- Do not proceed with the work described herein until receipt of written authorization from the Owner.
- Unless otherwise stated in the Agreement or Contract, within fourteen (14) calendar days of date of Bulletin issue, submit a completed and signed Bulletin and three (3) copies of fully itemized quotation for Owner's review showing the cost and time adjustments necessary to execute the proposed change(s).
- When submitting complete itemized quotation, break down quotation according to "ITEMS" listed. Each "ITEM" amount shall be complete and shall include all costs for labor, materials, taxes, supervision, overhead, profit, etc.
- Unless otherwise indicated, the work described herein shall comply with, and be in conformance with the Contract Documents. Include incidental work required to properly complete this work, whether stated herein or not.
- Upon approval by the Owner, payments will be made in accordance with methods described in the Agreement or Contract Documents.

DOCUMENTS ISSUED

- | | |
|--------------------------------|---|
| Drawings | • Sheets C-200, C-400, L-102, L-201, L-501, L-601 (all dated 1/13/20) |
| Supplemental Drawings | • n/a |
| Project Manual Sections | • n/a |
| Miscellaneous Items | • n/a |

ITEM DESCRIPTIONS

- | | |
|--|-----------------------|
| <u>ITEM 1 – Irrigation Line and Valve Coordination Revisions</u> | Add / Deduct \$ _____ |
| <u>ITEM 2 – Walkway relocation and associated plantings and grading revisions</u> | Add / Deduct \$ _____ |
| <u>ITEM 3 – Planting and Grading Revisions to West planter over Building Footings</u> | Add / Deduct \$ _____ |
| <u>ITEM 4 – LV Trench plan revisions to more accurately represent as-built location</u> | Add / Deduct \$ _____ |

Bulletin Quotation Grand Total: Add / Deduct \$ _____



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Page 2 of 2

Date • January 14, 2020
Project No. • 2015-30004-000
Client Project No. •

BULLETIN AGREEMENT

- This Bulletin quotation is not valid until signed by the Contractor.
- Signature of the Contractor indicates agreement herewith, including any adjustment in the Contract Sum or the Contract Time.
- This quotation is guaranteed for a period of not less than 60 days from the date of signing below, and if authorized to proceed within that period, the Contractor agrees to complete the Work covered by this Bulletin at the amounts shown therein.

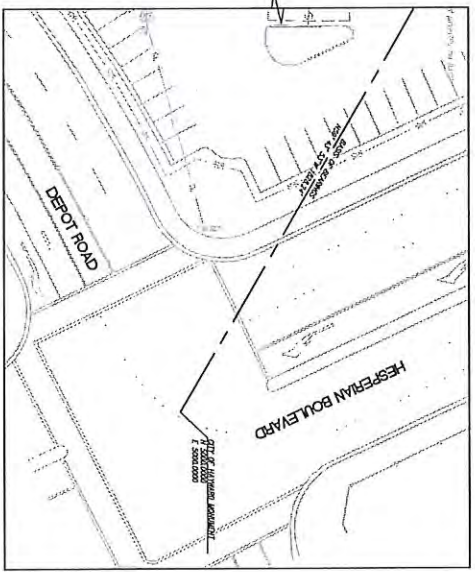
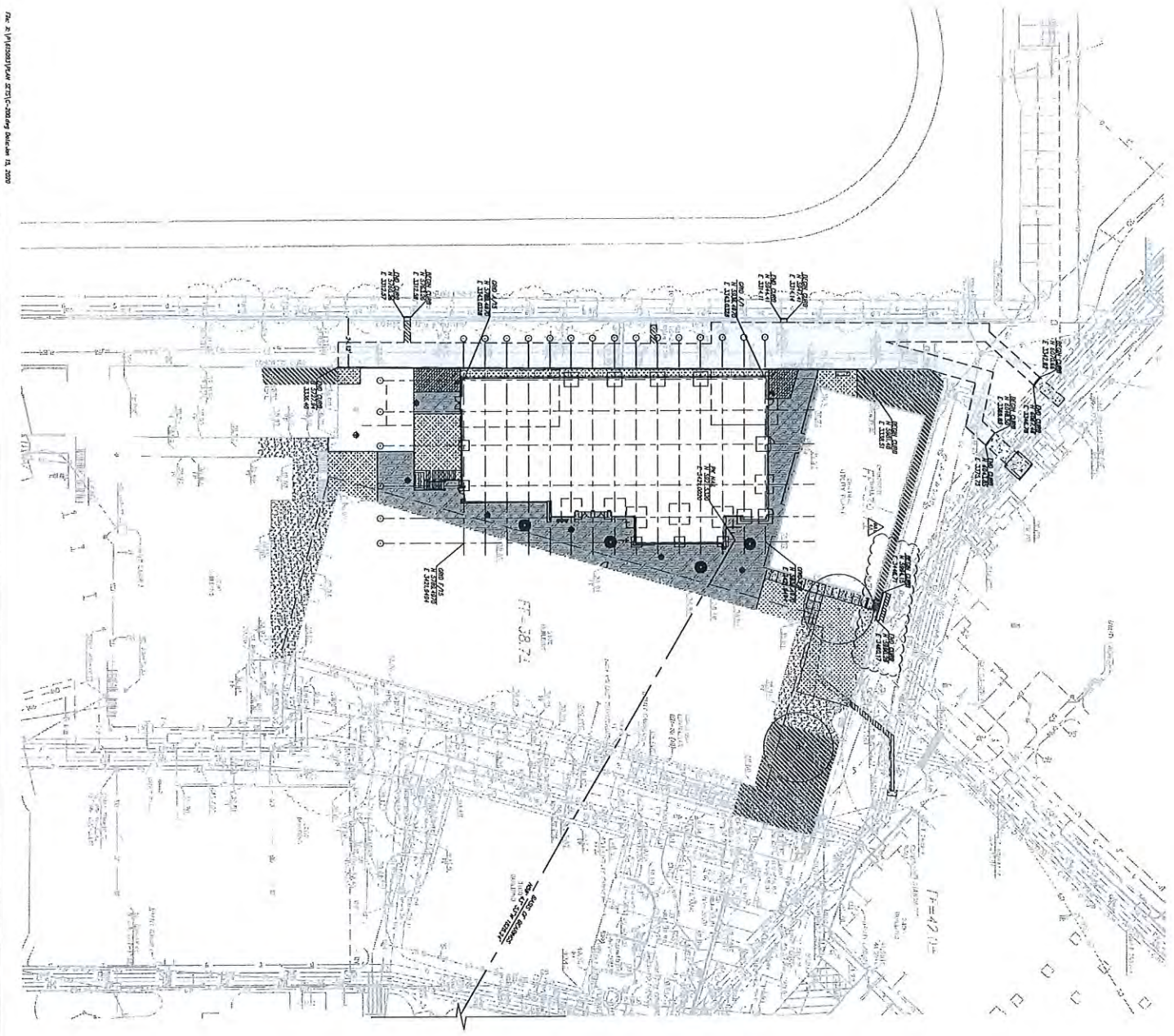
Agreed To:

Name of Contractor

Signature of person authorized to sign contracts for Contractor

Title of person signing

Signed this _____ day of _____, 20__



LEGEND

- ASPH PAVEMENT
- CONCRETE PAVEMENT
- LANDSCAPE PLANTING
- ASPH DRIVE
- CONCRETE DRIVE
- LANDSCAPE PLANTING
- ASPH DRIVE
- CONCRETE DRIVE
- LANDSCAPE PLANTING

07/18/17 DSA Approval

Revisions

No.	Date	Description
1	04/07/18	REV #10
2	10/09/18	BULLETIN#1
3	10/19/18	BULLETIN#1
4	01/12/19	BULLETIN#1



CHABOT COLLEGE
Biological Science
B2100 Building
Athletes

25555 Telegraph Drive
Hayward, CA 94545



25555 Telegraph Drive
Hayward, CA 94545

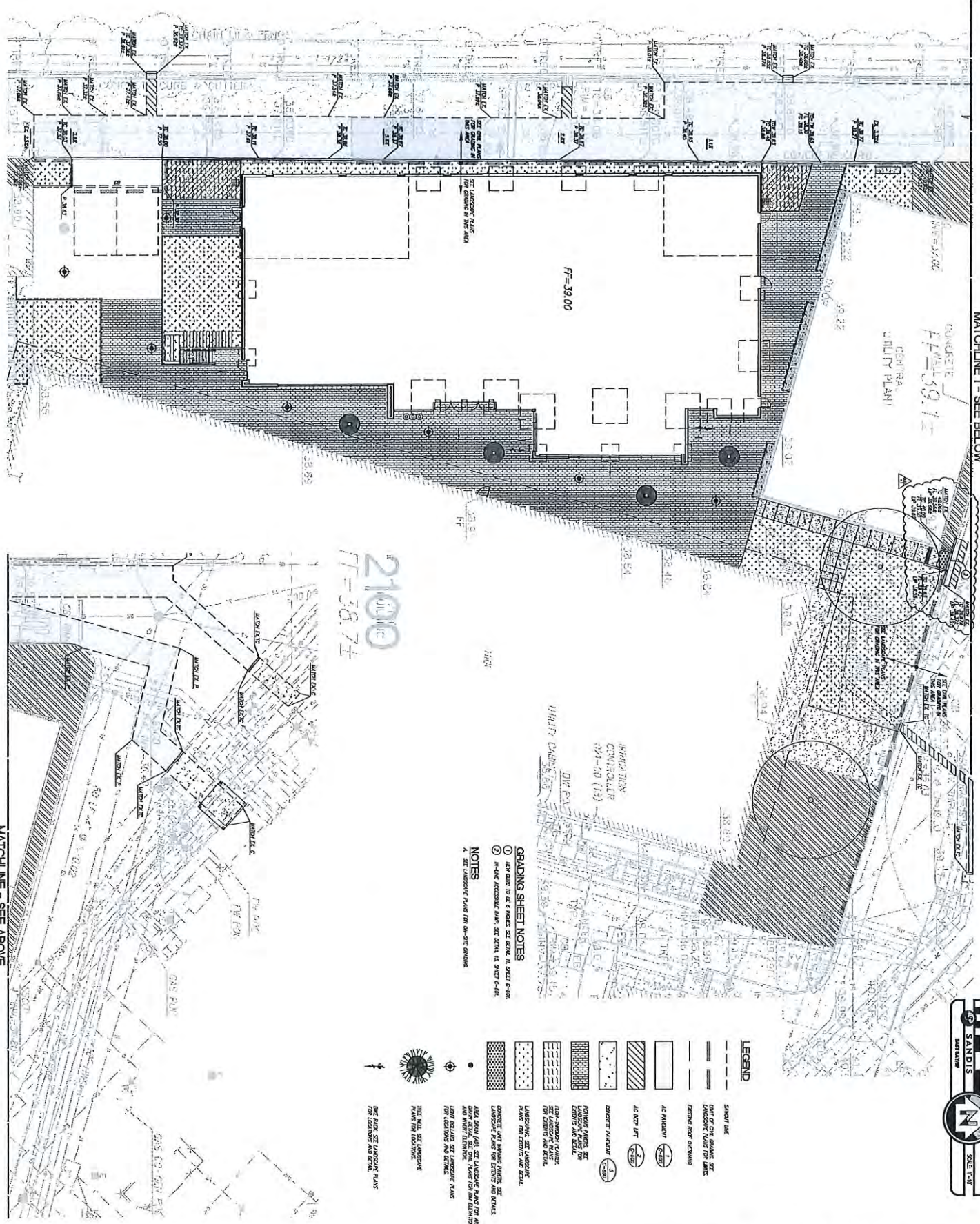
HED
Hesperian Environmental Design
25555 Telegraph Drive
Hayward, CA 94545
Tel: 415 881 2345
www.hed.com

Project: 2015-2064-000
Checked: HMC
Approved: HMC

Title: SITE & HORIZONTAL CONTROL PLAN

Sheet: C-200

MATCHLINE 1 - SEE BELOW



CHABOT COLLEGE
 COLLEGE
 Biological Science
 B2100 Building
 Annex
 35555 Imperial Drive
 Hayward, CA 94545



09/18/17 DS-1 Approval
 Discipline: Design
 No. 10/01/18 BLDG 001
 2 10/01/18 BLDG 001
 3 10/18/18 BLDG 001
 4 07/12/20 BLDG 001

- GRADING SHEET NOTES**
- 1 NEW CURB TO BE 6 INCHES SEE DETAIL 11, SHEET C-500.
 - 2 IN-PACE ACCESSIBLE PAVES SEE DETAIL 11, SHEET C-500.
- NOTES**
- A. SEE LANDSCAPE PLAN FOR ON-SITE GRADING.



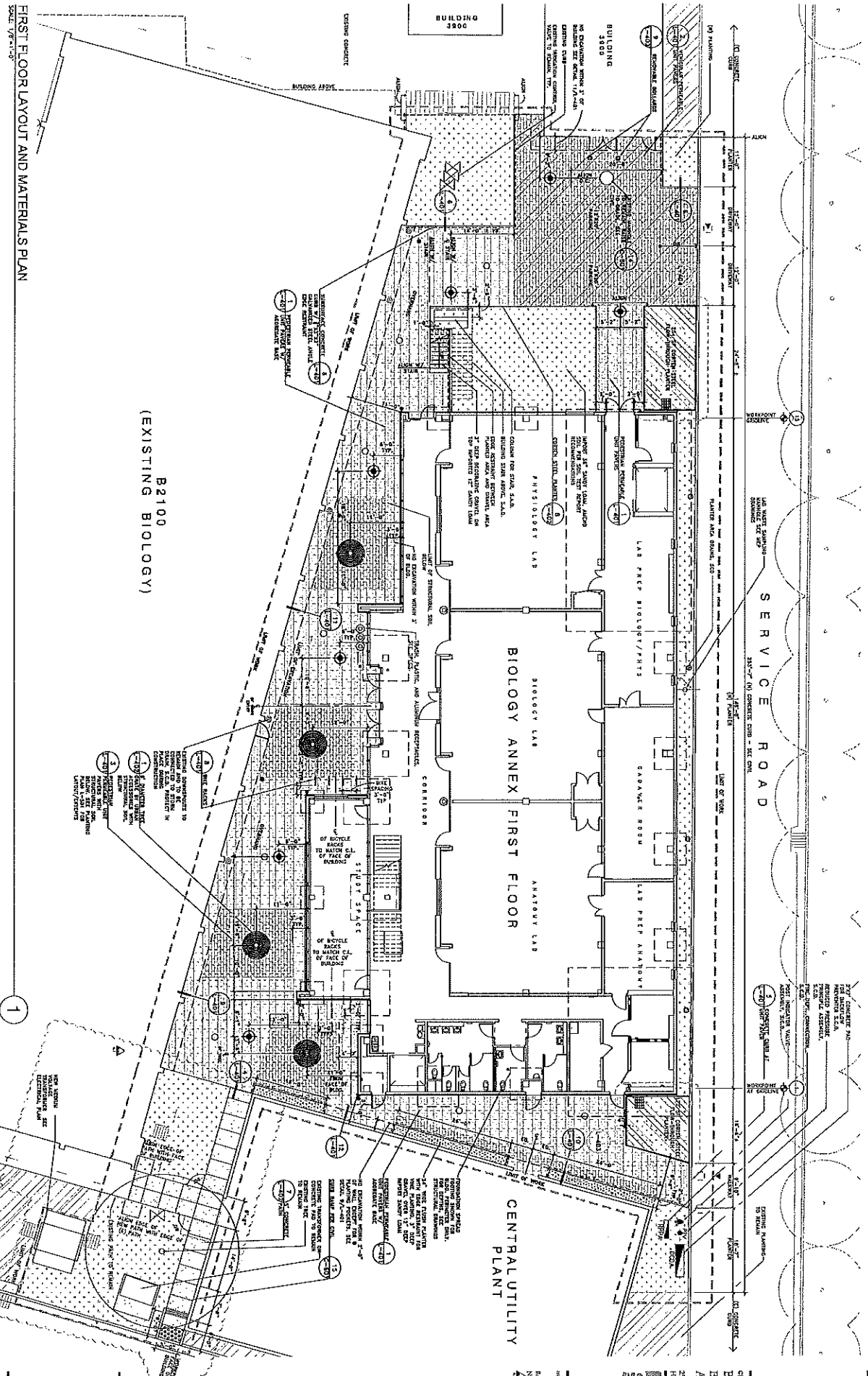
SEE LANDSCAPE PLAN FOR ON-SITE GRADING.



MATCHLINE - SEE ABOVE

Sheet C-400
 Title GRADING PLAN
 Approved MARK
 Checked BNC
 Project 2015-2020-000
 Project 2015-2020-000
 HED

HED
 HAYWARD EDUCATIONAL DISTRICT
 1515 HAYWARD AVENUE
 HAYWARD, CA 94541
 (925) 438-2300
 WWW.HED.EDU



CHABOT COLLEGE
 COLLEGE
 2535 Havana Drive
 Hayward, CA 94541
 (510) 881-5000
 www.chabot.edu

CHABOT COLLEGE
 Biological Science
 B2100 Building
 Annex



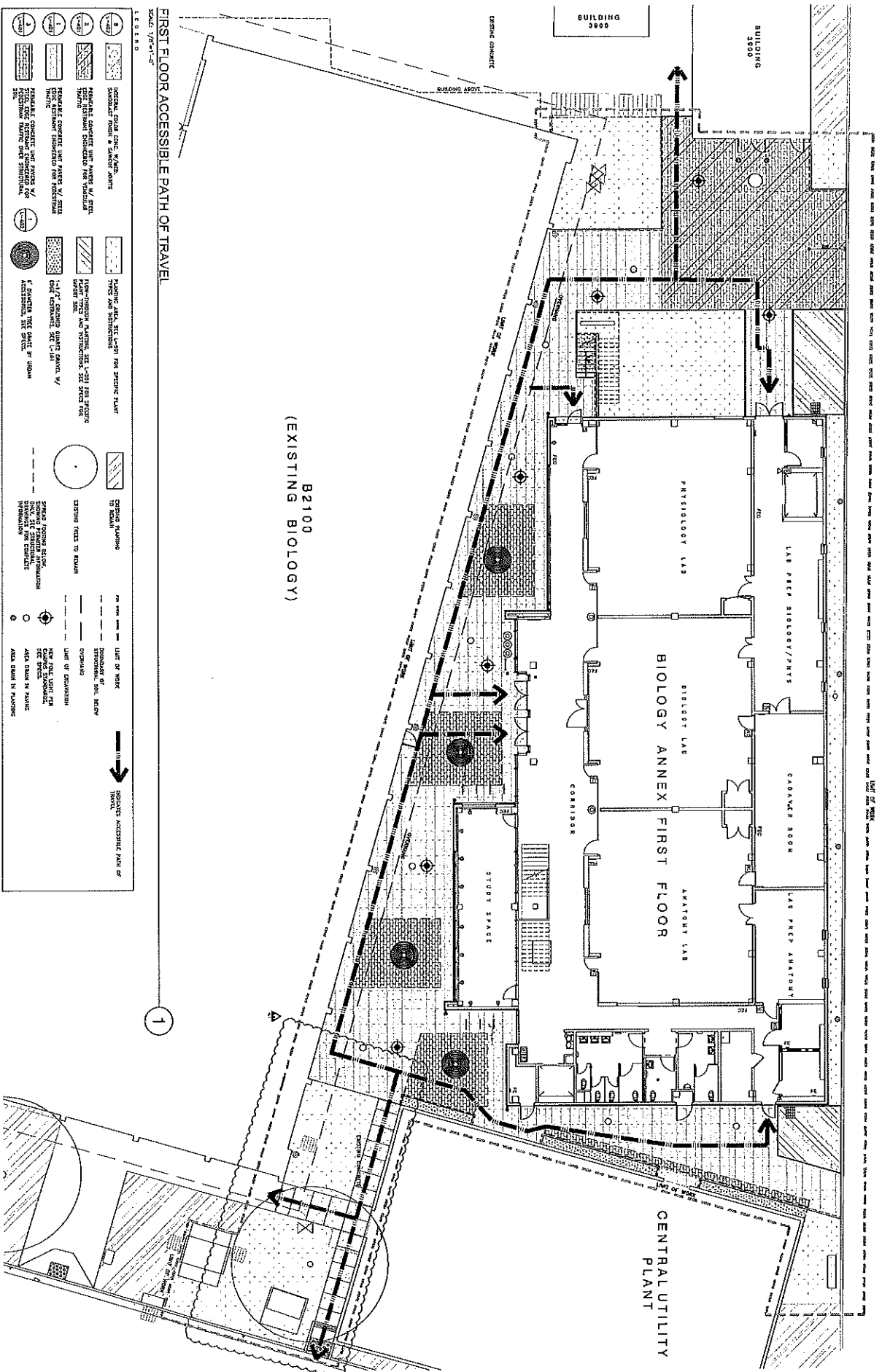
PROJECT NO. B2100-01
 DATE: 1/13/21
 DRAWN BY: DAN A. DREYFUS
 CHECKED BY: DAN A. DREYFUS
 APPROVED BY: DAN A. DREYFUS

HED
 ARCHITECTURAL DIVISION
 1515 WASHINGTON STREET
 OAKLAND, CALIFORNIA
 94612-4097
 (415) 778-2200
 WWW.HED.EDU

PROJECT NO. B2100-01
 DATE: 1/13/21
 DRAWN BY: DAN A. DREYFUS
 CHECKED BY: DAN A. DREYFUS
 APPROVED BY: DAN A. DREYFUS



























Scale: L-101
 SHEET: B2100-01-1
 TOTAL SHEETS: 1

SERVICE ROAD



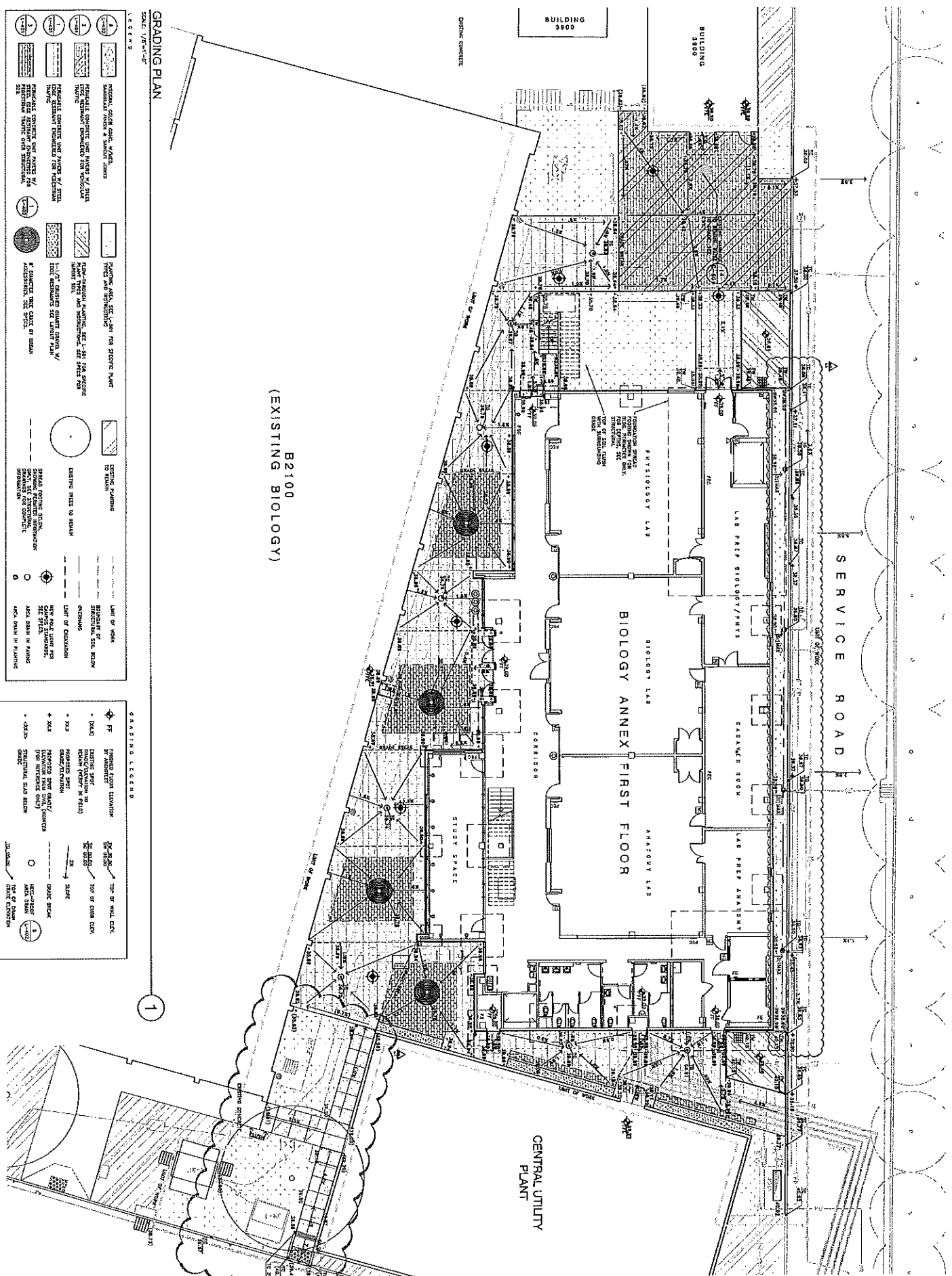
FIRST FLOOR ACCESSIBLE PATH OF TRAVEL
 SCALE 1/8"=1'-0"

LEGEND

	SPECIAL DETAIL CALLOUT, VARIOUS SPONSORING FROM A OTHER JANITOR		EXISTING BUILDING
	RAMP, 1:12 MAXIMUM SLOPE, SEE 1-201 FOR SYSTEM CONSTRUCTION AND INSTALLATION. SEE SPEC FOR RAMP, SEE.		EXISTING STAIRS TO REMAIN
	CORRIDOR		STAIRS TO BE REPLACED WITH 1:12 MAXIMUM SLOPE, SEE 1-201 FOR SYSTEM CONSTRUCTION AND INSTALLATION. SEE SPEC FOR RAMP, SEE.
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B2100
 (EXISTING BIOLOGY)





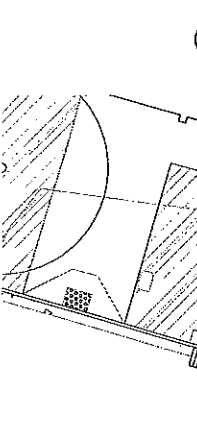
GRADING PLAN
SCALE: 1/8" = 1'-0"

LEGEND

	VERTICAL CURVE DATA, VPI, VPC, SAVANNAH FROM A SURVEY POINT		PAVING AREA, SEE PLAN FOR SPECIFIC PAVT TYPE AND FINISHING		EXISTING PAVING TO REMAIN
	PROPOSED CONCRETE UNIT PAVES BY AREA		1/2" COMPACTED QUARRY GRAVEL, V/ FINISHING TYPE AND FINISHING, SEE SPEC FOR DETAILS		EXISTING PAVING TO REMAIN
	PROPOSED CONCRETE UNIT PAVES BY AREA		1/2" COMPACTED QUARRY GRAVEL, V/ FINISHING TYPE AND FINISHING, SEE SPEC FOR DETAILS		EXISTING PAVING TO REMAIN
	PROPOSED CONCRETE UNIT PAVES BY AREA		1/2" COMPACTED QUARRY GRAVEL, V/ FINISHING TYPE AND FINISHING, SEE SPEC FOR DETAILS		EXISTING PAVING TO REMAIN
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	PROPOSED CONCRETE UNIT PAVES BY AREA		1/2" COMPACTED QUARRY GRAVEL, V/ FINISHING TYPE AND FINISHING, SEE SPEC FOR DETAILS		EXISTING PAVING TO REMAIN
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	PROPOSED CONCRETE UNIT PAVES BY AREA		1/2" COMPACTED QUARRY GRAVEL, V/ FINISHING TYPE AND FINISHING, SEE SPEC FOR DETAILS		EXISTING PAVING TO REMAIN

GRADING LEGEND

	FINISHED FLOOR ELEVATION		TOP OF WALL CUT
	EXISTING SPOT ELEVATION		TOP OF CURB CUT
	PROPOSED SPOT ELEVATION		TOP OF SLAB
	EXISTING SPOT ELEVATION		TOP OF CURB CUT
	PROPOSED SPOT ELEVATION		TOP OF SLAB
	EXISTING SPOT ELEVATION		TOP OF CURB CUT
	PROPOSED SPOT ELEVATION		TOP OF SLAB
	EXISTING SPOT ELEVATION		TOP OF CURB CUT
	PROPOSED SPOT ELEVATION		TOP OF SLAB
	EXISTING SPOT ELEVATION		TOP OF CURB CUT
	PROPOSED SPOT ELEVATION		TOP OF SLAB



CHABOT COLLEGE
 Biological Sciences
 B2100 Building
 Annex
 5655 Hedden Drive
 Hayward, CA 94541

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 QUARTERMASTER
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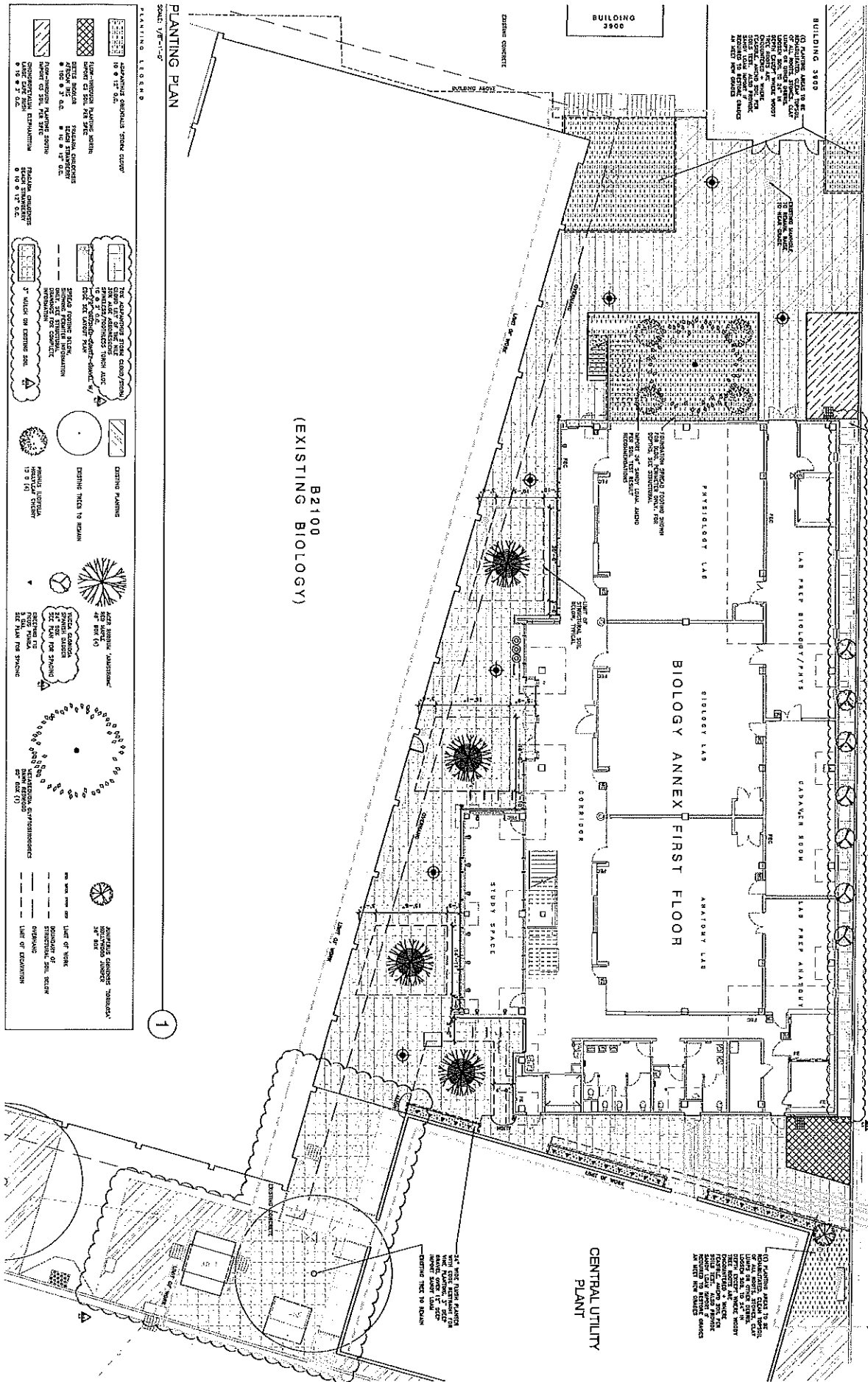
SERVICE ROAD

BUILDING 3809
 (1) PLANTING SHALL BE AS SHOWN. PLANTING SHALL BE PLANTED IN THE EXISTING PLANTING AREAS AND IN THE AREAS SHOWN ON THIS PLAN. PLANTING SHALL BE PLANTED IN THE EXISTING PLANTING AREAS AND IN THE AREAS SHOWN ON THIS PLAN. PLANTING SHALL BE PLANTED IN THE EXISTING PLANTING AREAS AND IN THE AREAS SHOWN ON THIS PLAN.

BUILDING 3806

REMOVE EXISTING STAIRS AND RAMP AND REPLACE WITH NEW STAIRS AND RAMP AS SHOWN ON THIS PLAN.

**B2100
 (EXISTING BIOLOGY)**



PLANTING LEGEND

[Symbol]	ADAPTIVE STRAIN TREE CLUMP / 10' x 12' O.L.
[Symbol]	TRIPLE STRAIN TREE CLUMP / 10' x 12' O.L.
[Symbol]	TRIPLE STRAIN TREE CLUMP / 10' x 12' O.L.
[Symbol]	TRIPLE STRAIN TREE CLUMP / 10' x 12' O.L.
[Symbol]	TRIPLE STRAIN TREE CLUMP / 10' x 12' O.L.
[Symbol]	TRIPLE STRAIN TREE CLUMP / 10' x 12' O.L.
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[Symbol]	TRIPLE STRAIN TREE CLUMP / 10' x 12' O.L.
[Symbol]	TRIPLE STRAIN TREE CLUMP / 10' x 12' O.L.

TRIPLE STRAIN TREE CLUMP / 10' x 12' O.L.
 TRIPLE STRAIN TREE CLUMP / 10' x 12' O.L.
 TRIPLE STRAIN TREE CLUMP / 10' x 12' O.L.
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 TRIPLE STRAIN TREE CLUMP / 10' x 12' O.L.
 TRIPLE STRAIN TREE CLUMP / 10' x 12' O.L.

EXISTING PLANTING
 EXISTING TREES TO REMAIN
 EXISTING TREES TO REMAIN
 EXISTING TREES TO REMAIN
 EXISTING TREES TO REMAIN
 EXISTING TREES TO REMAIN
 EXISTING TREES TO REMAIN
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 EXISTING TREES TO REMAIN

ADAPTIVE STRAIN TREE CLUMP / 10' x 12' O.L.
 ADAPTIVE STRAIN TREE CLUMP / 10' x 12' O.L.
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 ADAPTIVE STRAIN TREE CLUMP / 10' x 12' O.L.

CHABOT COLLEGE
 Chabot College
 Biological Science
 B2100 Building
 Annex
 2555 Hayward Drive
 Hayward, CA 94545



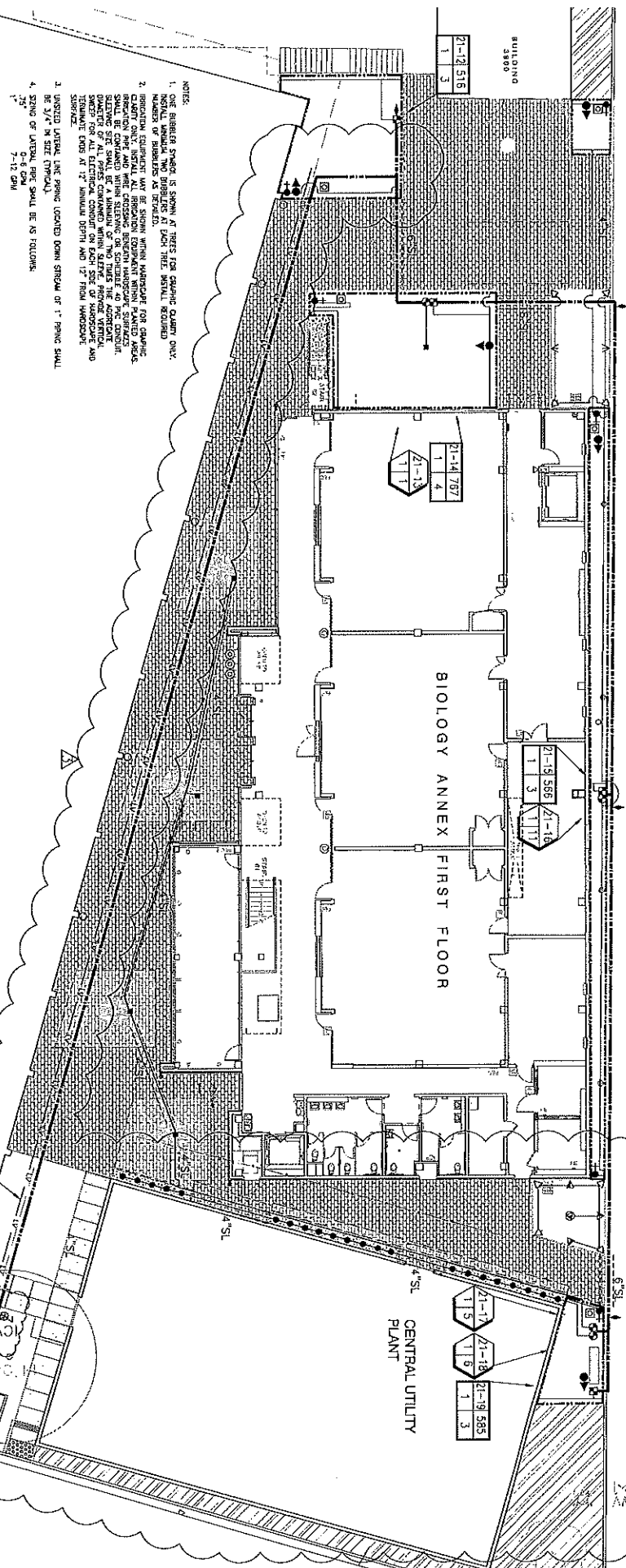
07/2017 Draft/Approved
 No Date
 1/1/2020 Balaich 41



411 HAYWARD AVENUE
 HAYWARD, CA 94541
 (925) 438-1000
 WWW.HAYWARD-EBAY.CA

Project: 2017-2018-001
 Design: C.A.P.
 Planning: C.A.P.
 Title: PLANTING PLAN
 Sheet: L-501
 No.

SERVICE ROAD



- NOTES:
1. FOR RIBBON SYMBOL, IS SHOWN AT THREE FOR GRAPHIC CLARITY ONLY; NOMINAL MINIMUM TWO RIBBONS AT EACH TIME. MINIMAL REQUIRED NUMBER OF RIBBONS AS NOTED.
 2. PROTECTIVE EQUIPMENT MAY BE SHOWN WITHIN WORKZONE FOR CHANGE RIBBON) PER AND NOT EXCESSIVE BENEATH WORKZONE SURFACE. SHALL BE CONSIDERED AS PER SCHEDULE OF WORK. ALL PROTECTIVE EQUIPMENT SHALL BE CONSIDERED AS PER SCHEDULE OF WORK. ALL PROTECTIVE EQUIPMENT SHALL BE CONSIDERED AS PER SCHEDULE OF WORK. ALL PROTECTIVE EQUIPMENT SHALL BE CONSIDERED AS PER SCHEDULE OF WORK.
 3. UNTESTED WATER LINE BEING LOCATED DOWN STREET OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
 4. STRING OF LATERAL, PER SHALL BE AS FOLLOWS:
 0-6' DIA
 7-12' DIA
 15"

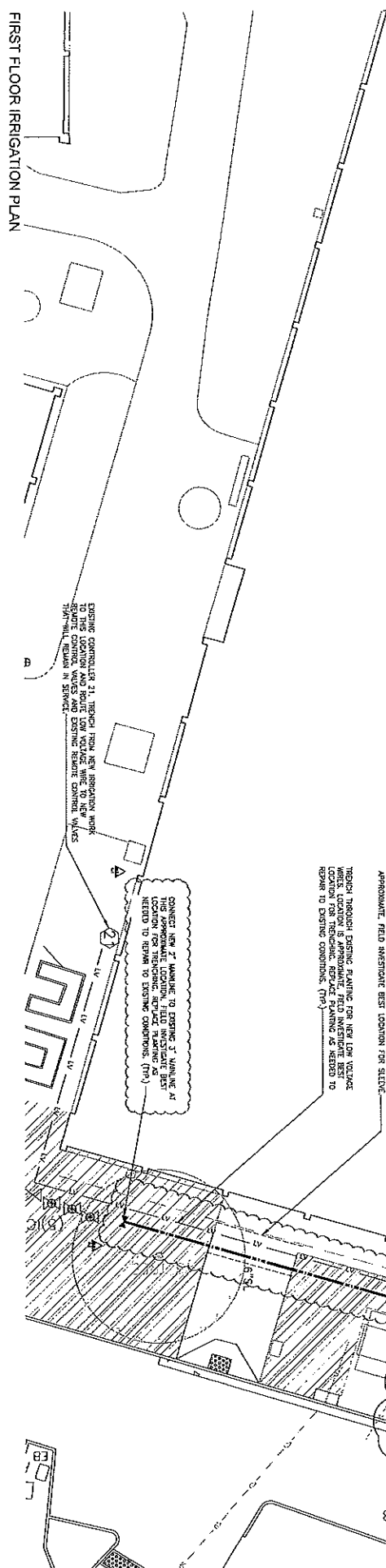
B2100
(EXISTING BIOLOGY)

DIRECT BORE OR WATER SET BELOW EXISTING PATH AND MINIMAL MAINTENANCE AND LOW VOLTAGE WIRE. LOCATION IS APPROXIMATE FIELD INVESTIGATE BEST LOCATION.

REPAIR THROUGH EXISTING PLUMBING FOR NEW LOW VOLTAGE WIRE. LOCATION IS APPROXIMATE FIELD INVESTIGATE BEST LOCATION FOR REPAIR TO EXISTING CONDITIONS. (TYP)

CONNECT NEW 2" MAINLINE TO EXISTING 3" MAINLINE AT THIS APPROXIMATE LOCATION. FIELD INVESTIGATE BEST LOCATION FOR TRENCHING. REPAIR PLUMBING AS NEEDED TO REPAIR TO EXISTING CONDITIONS. (TYP)

EXISTING CONTROLLED 21. TYPICAL FROM NEW ASSOCIATION WORK TO THIS LOCATION AND BORE LOW VOLTAGE WIRE TO NEW SERVICE CONTROL WIRE AND EXISTING REMOTE CONTROL WIRES FROM THE SERVICE IN SERVICE.



Prepared by: **CHABO COLLEGE**
 3555 Harvard Drive
 Hayward, CA 94545

CHABO COLLEGE
 Biological Sciences
 B2100 Building
 Annex

08/18/17 DSA Approval
 Designer: [Signature]
 Checker: [Signature]
 Date: 07/27/18
 Project: 17-0229 - [Project Name]

HED
 2115 QUINCY DRIVE
 OAKLAND, CA 94612
 (415) 861-2345
 www.hed.edu

W. A. THOMAS CO., INC

2356 Pacheco Blvd
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

Biological Sciences B2100 Building Annex
Chabot College

WATCO Job No. 618

25555 Hesperian Blvd., Hayward CA 94545

CHANGE ESTIMATE No. 17266

3/15/2021

<u>Item</u>	<u>Hrs</u>	<u>Material / Equip.</u>	<u>Labor</u>	<u>Subcontractor</u>	<u>Total</u>
<u>Change Description:</u>					
Paint an additional 178 LF of curb "Red" as directed by District CM					
<u>Breakdown of Estimated Subcontractor Costs:</u>					
				\$0	\$0
Tri-Valley Striping Invoice dated 2/28/2021				\$365	\$365
				\$0	\$0
				\$0	\$0
<u>Qualifications: Price for itemized work only listed on subcontractor quotation. Overtime excluded. Any extra work not noted or unforeseen conditions will be priced separately.</u>					
				\$0	\$0
<u>W. A. Thomas Co., Inc. Work</u>				\$0	\$0
				\$0	\$0
				\$0	\$0
				\$0	\$0
				\$0	\$0
				\$0	\$0
<u>Subtotal</u>		\$0	\$0	\$365	\$365
Tax 10%					\$0
15% on WATCO work					\$0
5% on Subcontractor Costs (\$318)					\$16
1% Bond (GC)					\$4
Total Lump Sum					\$385

Additional Time:

This quotation is based solely on the direct cost elements involved for the change noted and does not include any evaluation of the impact or the subject change upon the contract time or any costs related thereto. This quotation is only for the work described herein.

CE 17266
518

Invoice



PO Box 617
Knightsen, CA 94548
Phone # (925) 787-1003
Fax # 888-210-4877
DBE #41297
CA SB #1738427
WBE #2005119515
CSLB #850528

Date	Invoice #
2/28/2021	2021-040

Bill To
W. A. Thomas Co, Inc. 2356 Pacheco Blvd Martinez, CA 94553 ATTN: Accounts Payable

Job Address
Chabot College Biological Science B2100 Bldg Annex 2555 Hesperian Dr Hayward, CA 94545

Job Completed	Customer Job No.	Terms	Due Date
2/17/2021	518	Due on receipt	2/28/2021

Quantity	Unit	Description
1	ea	STRIPING: 8' STOP stencil
15	ft	12" - solid line
320	ft	6" - solid line, yellow
1	ea	speed bumps, striped
1	ea	move(s)
		TOTAL FOR STRIPING \$2,320.00
ADDITIONAL WORK AUTHORIZED ON SITE:		
178	lf	red curb @ \$2.00/lf
		TOTAL FOR ADDITONAL WORK AUTHORIZED ON SITE: \$356.00
		TOTAL FOR JOB \$2,676.00
		12% m.u \$38 COST \$ 318

Thank you for your business; we appreciate it very much.	Total	\$2,676.00
	Payments/Credits	\$0.00
	Balance Due	\$2,676.00

CE 17266
518

W.A. Thomas Co. Inc. Extra work tag

2356 Pacheco Blvd. Martinez Ca. 94553

TO: Eric Barger

CODE: Pavement Striping

DATE: 2-17-21

DISCRIPTION:

CM-Eric Barger request for additional curb striping at North-west project intersection. Work has been completed 55 ft. Addition striping at curb

MANPOWER:

HOURS:

2 men

2 hours total.

MATERIALS:

Paint - Red

178' of curb

EQUIPMENT:

Striping Machine

COMMENTS:

APPROVED BY:

Eric Barger

DATE

2/17/2021

W. A. THOMAS CO., INC

2356 Pacheco Blvd
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

Biological Sciences B2100 Building Annex
Chabot College

WATCO Job No. 518

25555 Hesperian Blvd., Hayward CA 94545

CHANGE ESTIMATE No. 17272.1

9/2/2021

Revised

<u>Item</u>	<u>Hrs</u>	<u>Material / Equip.</u>	<u>Labor</u>	<u>Subcontractor</u>	<u>Total</u>
<u>Change Description:</u>					
Furnish and install added roof walk pads per M&O and CM Direction Email of 3/12/21					
<u>Breakdown of Estimated Subcontractor Costs:</u>					
				\$0	\$0
Courtney Waterproofing & Roofing proposal dated 3/23/2021				\$2,422	\$2,422
				\$0	\$0
<u>Qualifications: Price for itemized work only listed on subcontractor quotation. Overtime excluded. Any extra work not noted or unforeseen conditions will be priced separately.</u>				\$0	\$0
				\$0	\$0
<u>W. A. Thomas Co., Inc. Work</u>				\$0	\$0
				\$0	\$0
				\$0	\$0
				\$0	\$0
				\$0	\$0
Subtotal				\$0	\$0
				\$2,422	\$2,422
Tax 10%					\$0
15% on WATCO work					\$0
5% on Subcontractor Costs (\$2162)					\$108
1% Bond (GC)					\$25
Total Lump Sum					\$2,555

Additional Time: None

This quotation is based solely on the direct cost elements involved for the change noted and does not include any evaluation of the impact or the subject change upon the contract time or any costs related thereto. This quotation is only for the work described herein.

CET 12/12
518

16781 Millikan Ave
Irvine, CA 92605
Local 220-36



Ph: 949-222-2050
Fx: 949-222-2063
www.courtneynv.com

CHANGE ORDER PROPOSAL

SUBMITTED TO: W. A. THOMAS CO., INC. ATTN: Jim Smith DATE: 3/23/2021
 PROJECT: Chabot-Las Positas Community College District SUBMITTED BY: Lawrence Aquino
 CHANGE ORDER # COR 7 WORK ORDER # _____ REFERENCE: email dated 3/12/21

DISCRIPTION:
 Credit for deleting 15 LF of walkpads per marked up on the drawings .
 Then Add 88 LF of walkpads per marked up on the drawings.

(A) MATERIAL	QUANTITY	UNIT \$	EXTENDED	TOTALS
1 * Credit for Deletling 15 LF from base contract: 50/Roll	-13 Roll	\$ 756.48	\$ (252.16) Material Credit *	
2			\$ -	
3 Add 88 LF per email dated 3/12/21	134 Roll	\$ 756.48	\$ 1,331.41	
4			\$ -	
5			\$ -	
6			\$ -	
7			\$ -	
8			\$ -	
9			\$ -	
10			\$ -	
11			\$ -	
12			\$ -	
SALES TAX 9.00%			\$ 97.13 (A) \$	1,176.38

(B) HOURLY RATES	REG. HRS	\$HR RATE	O.T. (1.47)	\$HR RATE	EXTENDED	TOTALS
1 * Journeyman (Credit 15 LF)	-1.2	\$ 83.37			\$ (100.04) Labor Credit *	
2					\$ -	
3 Journeyman (Add 88 LF)	7.04	\$ 83.37			\$ 586.92	
4 SUBSISTANCE/TRAVEL					\$ - (B) \$	486.88

(C) PROJECT DIRECT COST	REG. HRS	\$HR RATE	O.T. (1.50)	\$HR RATE	EXTENDED	TOTALS
1 ENGINEERING: (ESTIMATING, PROPOSALS, SUBMITTALS, SHOP DRAWNGS)		\$ 105.00		\$ 162.00	\$ -	
2 PROJECT MANAGEMENT: (ORDERING, PROCUREMENT, SCHEDULING)	2	\$ 97.50			\$ 195.00	
3 SHOP TIME - FABRICATION		\$ 85.00			\$ - (C) \$	195.00

(D) PROJECT REQUIREMENTS	UNIT	COST	EXTENDED	TOTALS
1 SHIPPING - DELIVERIES	1	\$ 125.00	\$ 125.00	
2 RIGGING - SAFETY EQUIP			\$ -	
3 SUNDRIES	1	\$ 58.82	\$ 58.82	
4 TOOLS			\$ -	
5 OTHER COST			\$ -	
6 OTHER COST Fuel Surcharge	1	\$ 120.00	\$ 120.00	
7 EQUIPMENT RENTALS			\$ -	
8			\$ -	
9			\$ - (D) \$	303.82

SUB-TOTALS		SUB TOTAL (A+B+C+D)	(E) \$	2,162.08
OVERHEAD & PROFIT 12%	SUB TOTAL (E)		OH&P \$	259.45
BOND COST	SUB TOTAL (E+F)		Bond \$	-
GL Coverage -OCIP	CO TOTAL		\$	-
CHANGE ORDER TOTAL			\$	2,421.53

TOTAL CREW DAYS ADDED TO THE CONSTRUCTION SCHEDULE 0.15

AUTHORIZED BY: _____ DATE _____

Reimbursement for General Liability coverage on ALL projects including OCIP/CCIP projects, cannot be given by Courtney, Inc. The bid amount proposed is NET General Liability coverage. Courtney INC.'s Insurance "Rider A" can be provided upon request
 unemployment insurance, and fringe benefits required by agreement or custom; worker's or workmen's compensation insurance; bond premiums; rental value of equipment and machinery and the additional costs of supervision and field office personnel directly attributable to the change. Plus overhead and profit. Payment for this extra work is due within 30 days from invoice date

CE 11212
578

Jim Smith

From: Barger, Eric <eric.barger@vanir.com>
Sent: Friday, March 12, 2021 1:44 PM
To: Jim Smith; bill@wathomas.net
Cc: Tonya Fowler; nick@wathomas.net; Michael Garr; cbender@clpccd.org; Brown, Alaine
Subject: Chabot - Revised Roof Walk Pad Layout
Attachments: Roof Walking Pad Layout.pdf

Jim and Bill,

I walked the roof today with M & O to lay out the walk pad. The attached SK represents what they would like.

Please provide a price for the revisions.

Thank you,

Eric Barger
Senior Construction Manager



Solutions for Success

Vanir Construction Management, Inc.
Area Office: 180 Montgomery Street, San Francisco, CA. 94104
CL# 459092 B / www.vanir.com

Mobile: 510.876.6029 / eric.barger@vanir.com

Disclaimer

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CE 17272
518



Chabot-Las Positas Community College District

Construction Field Directive

To: W.A. Thomas Co., Inc.

Project: Biological Sciences B2100 Building Annex

Field Dir. 87

Issue: 03/26/2021

Description of Work:

- Provide all labor, materials, and equipment to install additional Sarnafil roof walking pads per the revised layout approved by District Maintenance & Operations.

Reason for Directive:

- The as-built layout of the Mechanical equipment on the roof requires a roof walking pad layout to be modified and additional pad be added at the new walking routes required for preventative maintenance activities.

Direction:

- Proceed with work on T&M Basis; submit T&M back-up daily.
Cost not to exceed \$.00 estimate
Contractor shall notify Construction Manager when costs reach 80% of the Not to exceed amount.
- Provide Credit in the amount of \$ (XX) for the additional service provided by the Architect as a result of non-conforming work.
- Proceed with work, submit signed T&M back-up daily, unless PCO is provided prior and approved.
The District reserves all rights and remedies under the contract.
- Proceed with work, work considered in scope of contract.
- Proceed with the work in accordance with the proposal CE 17272 dated March 24, 2021 in the amount of \$ 2,555.00. x-day Time Extension.
The work will be added to the contract by change order only when and not until any contract time adjustment has been agreed to.
The District reserves all its rights and remedies under the contract.

By

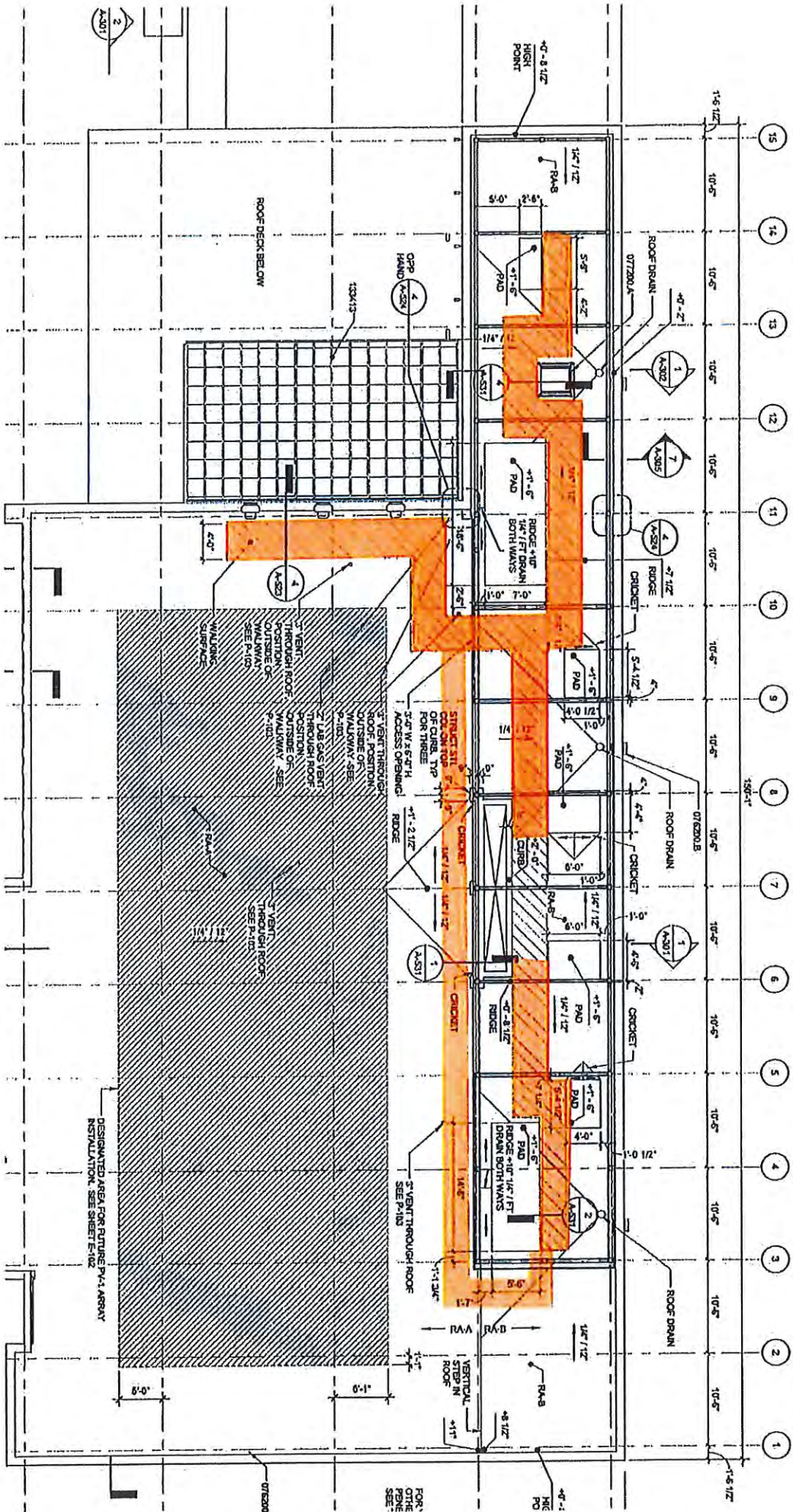
Ciri Berger
VanirCM, Inc. Construction Manager

3/29/2021
Date

By

Mark G...
Chabot College Campus Project Planner/Mgr.

03/29/2021
Date



4' - 8 1/2"
LIGHT
POINT

1 1/2' / 12'
PA-B

5'-5"
4'-2"
ROOF DRAIN
07280A-4

1
A-302

4'-0"
PA-D
7 1/2' / 12'
A-305

3'-0"
RIDGE 4" / 12"
1 1/2' / 12'
ROOF DRAIN
BOTH WAYS

1'-0"
PA-D

1'-0"
PA-D

2'-0"
CRICKET
3'-4 1/2' / 12'
07280A-4

1'-0"
PA-D

1'-0"
PA-D

1'-0"
PA-D
ROOF DRAIN
07280B

1'-0"
PA-D

1'-0"
PA-D
ROOF DRAIN
07280C

1'-0"
PA-D

1'-0"
PA-D

ROOF DECK BELOW

42"
WALLING
SURFACE

3" VENT
THROUGH ROOF
OUTSIDE OF
WALLWAY
SEE P-110

3" VENT
THROUGH ROOF
OUTSIDE OF
WALLWAY
SEE P-110

3" VENT
THROUGH ROOF
OUTSIDE OF
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THROUGH ROOF
OUTSIDE OF
WALLWAY
SEE P-110

3" VENT
THROUGH ROOF
OUTSIDE OF
WALLWAY
SEE P-110

DESIGNATED AREA FOR LIGHTING
INSTALLATION. SEE SHEET SA-2

FOR
OTHER
FINE
SEE:

FOR
OTHER
FINE
SEE:

FOR
OTHER
FINE
SEE:

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

1'-5 1/2"

10'-5"

10'-5"

10'-5"

10'-5"

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10'-5"

10'-5"

10'-5"

10'-5"

10'-5"

10'-5"

10'-5"

10'-5"

10'-5"

1'-5 1/2"

W. A. THOMAS CO., INC

2356 Pacheco Blvd
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

Biological Sciences B2100 Building Annex
Chabot College
25555 Hesperian Blvd., Hayward CA 94545

WATCO Job No. 518

CHANGE ESTIMATE No. 17285

5/14/2021

<u>Item</u>	<u>Hrs</u>	<u>Material / Equip.</u>	<u>Labor</u>	<u>Subcontractor</u>	<u>Total</u>
<u>Change Description:</u>					
Provide Leak Testing of Drip Pans per IR# 833					
<u>Breakdown of Estimated Subcontractor Costs:</u>					
				\$0	\$0
Harris Bay Area proposal dated 5/12/21				\$1,725	\$1,725
				\$0	\$0
				\$0	\$0
<u>Qualifications: Price for itemized work only listed on subcontractor quotation. Overtime excluded. Any extra work not noted or unforeseen conditions will be priced separately.</u>					
				\$0	\$0
<u>W. A. Thomas Co., Inc. Work</u>					
			\$0	\$0	\$0
				\$0	\$0
				\$0	\$0
				\$0	\$0
<u>Subtotal</u>		\$0	\$0	\$1,725	\$1,725
Tax 10%					\$0
15% on WATCO work					\$0
5% on Subcontractor Costs (\$1528)					\$76
1% Bond (GC)					\$18
Total Lump Sum					\$1,819

Additional Time:

This quotation is based solely on the direct cost elements involved for the change noted and does not include any evaluation of the impact or the subject change upon the contract time or any costs related thereto. This quotation is only for the work described herein.

CE 11200
518



HARRIS BAY AREA, LLC.

99 SOUTH HILL DRIVE BRISBANE, CA 94005
PHONE: (415) 468 5000 FAX: (415)468-4579
CONTRACTOR'S LIC # 1060887

05/12/21

W.A. Thomas Co., Inc.
2356 Pacheco Boulevard
Martinez, CA 94553

ATTENTION: Jim Smith

RE: Chabot College - Biology Sciences B2100 Bldg Annex
Harris CO # 491803-34

SUBJECT: Leak testing of drip pans

Dear Jim,

Please find attached our labor and material costs as described above.

The cost for performing the work described above is: **\$1,725** .

Please issue a change order for the above amount.

Please note this change may have an impact on the project schedule. The cumulative affect of this change together with other changes is not known at this time, it is being analyzed and will be forwarded when it has been fully ascertained.

Sincerely,

HARRIS BAY AREA, LLC.

John Hohman

Project Manager

JH/so

Attachments

*Identified costs, and components thereof, are estimates and may not be actual costs
Harris reserves our rights to assess / evaluate cumulative impact of this change.*



**HARRIS BAY AREA, LLC.
CHANGE ORDER SUMMARY**

5/12/2021

Chabot College - Biology Sciences B2100 Bldg Annex

Change Order Cost Analysis	Estimate	Harris CO # 491803-34	
Material	Total		
Piping Material Cost - Attachment A (1)	\$0.00		
Sheetmetal Material Cost - Attachment A (2)	\$25.00		
Miscellaneous Cost - Attachment C	\$0.00		
Consumables	\$0.00		
Subtotal	\$25.00		
+ 9.75% Sales Tax	\$2.44		
Subtotal Material	\$27.44		
Labor Summary - Attachment A	Total	Hours	Hourly Rate
Plumber/Welder/Fitter (Local # 342)	\$0.00	0.00	\$136.32
Plumbing Foreman (Local # 342)	\$0.00	0.00	\$148.00
Plumbing General Foreman (Local # 342)	\$0.00	0.00	\$156.89
Sheetmetal Worker (Field) (Local #104)	\$0.00	0.00	\$135.21
Sheetmetal Foreman (Field) (Local # 104)	\$0.00	0.00	\$149.54
Sheetmetal Gen Foreman (Field) (Local # 104)	\$1,272.72	8.00	\$159.09
Plumbing/Pipefitter Shop	\$0.00	0.00	\$135.08
Plumbing/Pipefitter Shop Foreman	\$0.00	0.00	\$147.15
Sheetmetal Shop	\$0.00	0.00	\$135.21
Sheetmetal Shop Gen Foreman	\$0.00	0.00	\$161.85
Shop Burden	\$0.00	0.00	\$48.00
Laborer	\$0.00	0.00	\$71.80
Harris Coordination	\$0.00	0.00	\$155.00
State of California Wage Order #16	\$0.00	0.00	\$136.32
Cartage/Trucking	\$0.00	0.00	\$90.00
Corona Virus Protocol Impact on Daily Production (16%)	\$203.64		
Subtotal Labor	\$1,476.36		
Other Direct Costs	Total		
Tool/Equipment Rental - Attachment B	\$0.00		
Reproduction Costs	\$0.00		
Standard Additional Covid-19 PPE	\$24.01		
Subtotal	\$24.01		
+ 9.75% Sales Tax	\$0.00		
Subtotal Other Direct Costs	\$24.01		
Total (Material, Labor, Other)	\$1,527.80		
+ 12% Mark-Up	\$183.34		
Subtotal	\$1,711.14		
Subcontractor Costs			
+ Subcontractor's Cost	\$ -		
+ Subcontractor 5% Markup	\$0.00		
Subtotal	\$1,711.14		
+ 0.8% Bond	\$13.69		
Total	\$1,724.83		

*This Change Order does not include any amounts for changes in the work sequence, delays, disruptions, consequential cost impacts and/or impact costs due to the cumulative effect of this change order with other changes or for any other reasons. Identified costs, and components thereof, are estimates and may not represent actual costs.
Harris reserves our rights to assess / evaluate cumulative impact of this change.*

Attachment A(2) - Sheetmetal Material/Labor Breakdown
Harris CO # 491803-34

Qty	Size	Description	Unit Price	Price Total	Shop Labor	Field Labor
		Sheet Metal Gen Foreman @ 8 hours				8.0
		Testing Materials Lot		\$ 25.00		
TOTAL				\$ 25.00	0.00	8.00

ATTACHMENT B

Attachment B - Equipment Rental			Harris CO # 491803-34	
Item	Term	Quantity	Price/Unit	Total Cost
TRUCK	DAYS	1.00	\$201.82	\$201.82
<u>Deduct: Truck Cost (To be billed under Harris CO # 491803-14)</u>				(\$201.82)
Total				\$0.00

Identified costs, and components thereof, are estimates and may not represent actual costs.

CE17285
518

Jim Smith



Sent:

To:

Cc:

Subject:

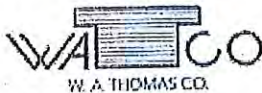
Jim Smith <jim@wathomas.net>
Thursday, May 6, 2021 4:49 PM
eric.barger@vanir.com; Brown, Elaine
bill@wathomas.net; Nick Longmire (nick@wathomas.net); Tonya Fowler
(tonya@wathomas.net)
FW: [External] FW: Chabot - Drip Pan Mockup at Biology Lab 2152 (Request for
photo), IR #833 WATCO CE17285

Eric:

Please see below ROM from Harris for the drip pan testing. Upon receipt of Harris' proposal, we can submit a formal CE17285.

Thank you,

Jim Smith
Project Manager



W.A. Thomas Co., Inc.
2356 Pacheco Blvd.
Martinez, CA 94553-2038
(925)228-9600 ext. 12
jim@wathomas.net

From: Bill Luce <bill@wathomas.net>
Sent: Thursday, May 6, 2021 4:21 PM
To: 'John Hohman' <jhohman@harriscompany.com>; 'Jesse Benton' <jbenton@harriscompany.com>
Cc: 'Jim Smith' <jim@wathomas.net>; 'Tonya Fowler' <tonya@wathomas.net>; nick@wathomas.net
Subject: RE: [External] FW: Chabot - Drip Pan Mockup at Biology Lab 2152 (Request for photo), IR #833

John,

Thank you. We will get it submitted.

William P Luce
W.A. Thomas Co., Inc.
Cell 925 766-1365



Chabot-Las Positas Community College District

Construction Field Directive

To: W.A. Thomas Co., Inc.
Project: Biological Sciences B2100 Building Annex

Field Dir. 95
Issue: 06/21/2021

Description of Work:

- Provide all labor, materials, and equipment to water test the condensate drip pans added in RFI 504.

Reason for Directive:

- It was discovered that the contract documents did not provide for condensate line drip pans in the above ceiling spaces.

Direction:

- Proceed with work on T&M Basis; submit T&M back-up daily.
Cost not to exceed \$.00 estimate
Contractor shall notify Construction Manager when costs reach 80% of the Not to exceed amount.
- Provide Credit in the amount of \$ (XX) for the additional service provided by the Architect as a result of non-conforming work.
- Proceed with work, submit signed T&M back-up daily, unless PCO is provided prior and approved.
The District reserves all rights and remedies under the contract.
- Proceed with work, work considered in scope of contract.
- Proceed with the work in accordance with the proposal CE 17285 dated May 14, 2021 in the amount of \$ 1,819.00. x-day Time Extension.
The work will be added to the contract by change order only when and not until any contract time adjustment has been agree to.
The District reserves all its rights and remedies under the contract.

By Eric Boyer
VanirCM, Inc. Construction Manager

6/21/2021
Date

By Michael Gam
Chabot College Campus Project Planner/Mgr.

06/24/2021
Date

W. A. THOMAS CO., INC.

2356 Pacheco Boulevard
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

FIELD REQUEST FOR INFORMATION NO.: 504

Eric Barger Date: July 15, 2020
Vanir CM. Re: Chabot Bio-Science Annex
E-Mail: eric.barger@vanir.com Pages Faxed: 2 WATCO Project: 518
Subject: EU Condensate drain, pipe size, location, and routing

Spec. / Drwg: Attached

Contractor: F.W. Spencer

Info.Reg: Please see attached FWS RFI 146, Dated 7/15/2020 : On the contract drawings there is not any drain piping shown for any of the EU units. No condensate pipe is included in the model. Mechanical schedule M-002 indicates there is to be plumbing piping for condensate removal for 2 units EU-1A and EU-1B.

The schedule shows condensate pumps are included with all 7 EU units (EU-1A, EU-1B, EU-2, EU-3, EU-4, EU-5, EU-6), and the units have connections for condensate drains.

Please confirm which EU units should have drain piping.

For each unit that requires drain piping we will need the following for each unit:

1. Pipe size for drain piping
2. Routing
3. Termination point of drain piping.

Please note the condensate pump supplied with all the units is Sauermann Si-30-300 approved as part of submittal 238126-145.5.

Appreciably Different Yes No
Urgency: High

Date Information Needed: 7/29/2020

Cost / Schedule Impact: TBD

Project IOR: _____

Bill Luce W. A. THOMAS CO. INC.

RESPONSE: Refer to MEOR response attached (2 pages).

By: Michael Myers, HED

Response Date: 7/21/20

Sub Copy: _____

DSA Approval: _____

560 Mission Street, Suite 700
San Francisco, CA 94105
t +415 957 9445

CHABOT COLLEGE BIOLOGY ANNEX

Received: 7/16/2020
Returned: 7/16/2020
Arup Project #: 245042-00

Harley Ellis Devereaux
417 Montgomery St #400
San Francisco, CA 94104
Attention: Anna MacDougall

Subject: EU Condensate

Information Requested:

Please see attached FWS RFI 146, Dated 7/15/2020 : On the contract drawings there is not any drain piping shown for any of the EU units. No condensate pipe is included in the model. Mechanical schedule M-002 indicates there is to be plumbing piping for condensate removal for 2 units EU-1A and EU-1B.

The schedule shows condensate pumps are included with all 7 EU units (EU-1A, EU-1B, EU-2, EU-3, EU-4, EU-5, EU-6), and the units have connections for condensate drains.

Please confirm which EU units should have drain piping.

For each unit that requires drain piping we will need the following for each unit:

1. Pipe size for drain piping
2. Routing
3. Termination point of drain piping.

Please note the condensate pump supplied with all the units is Sauermann Si-30-300 approved as part of submittal 238126-145.5.

Responses

Shakeel Ahmed - Mechanical

Condensate Drain at each unit is required per drawing M002.

1. Provide 3/4 inch condensate drain, copper type L per specification 23 21 13 section 3.8 B.
2. See attached sketch showing pipe routing
3. Terminate at Mop Sink



CHABOT COLLEGE
 Biological Sciences
 Building Annex
 25555 Hepner Drive
 Hayward, CA 94545



ARUP
 Arup North America Ltd.
 544 Market Street, Suite 1100
 San Francisco, CA 94102
 (415) 774-2000
 www.arup.com

9/18/17 CSA Approval
 By: [Signature]
 No. 1816/2018
 Date: 04/08/17



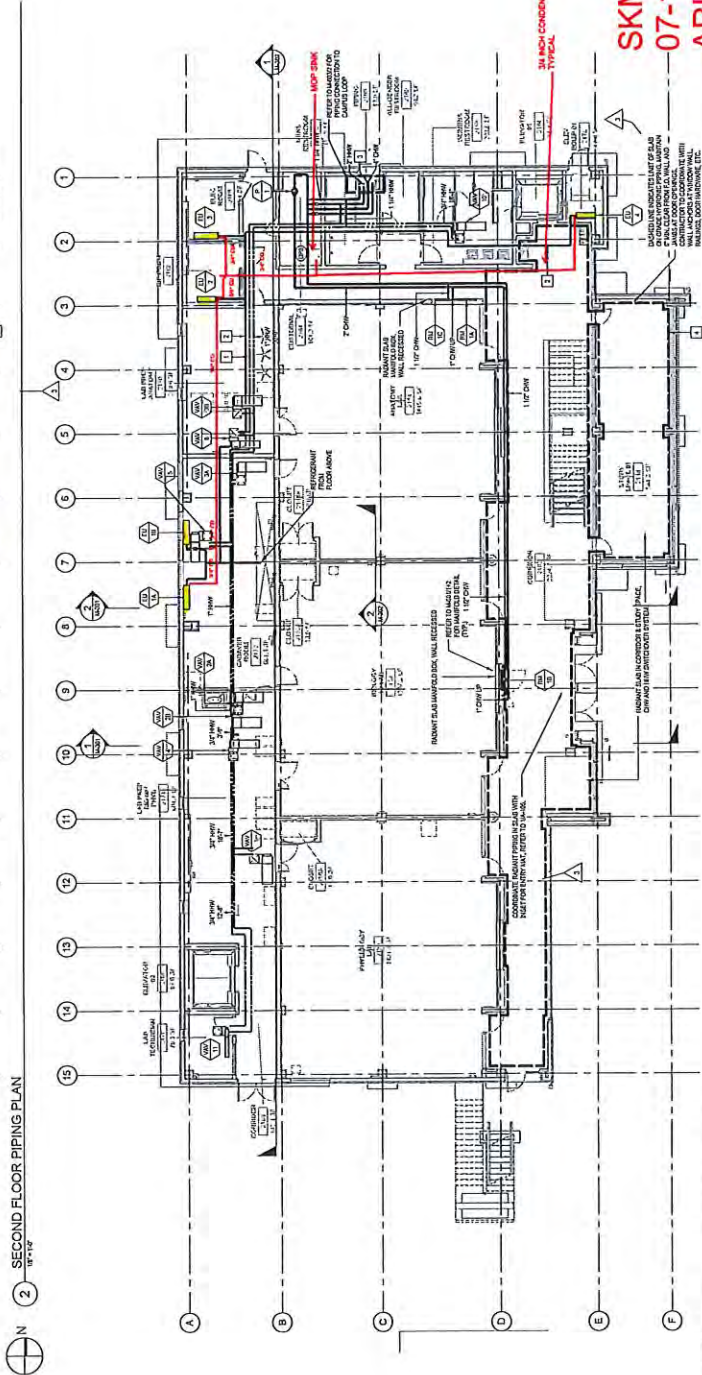
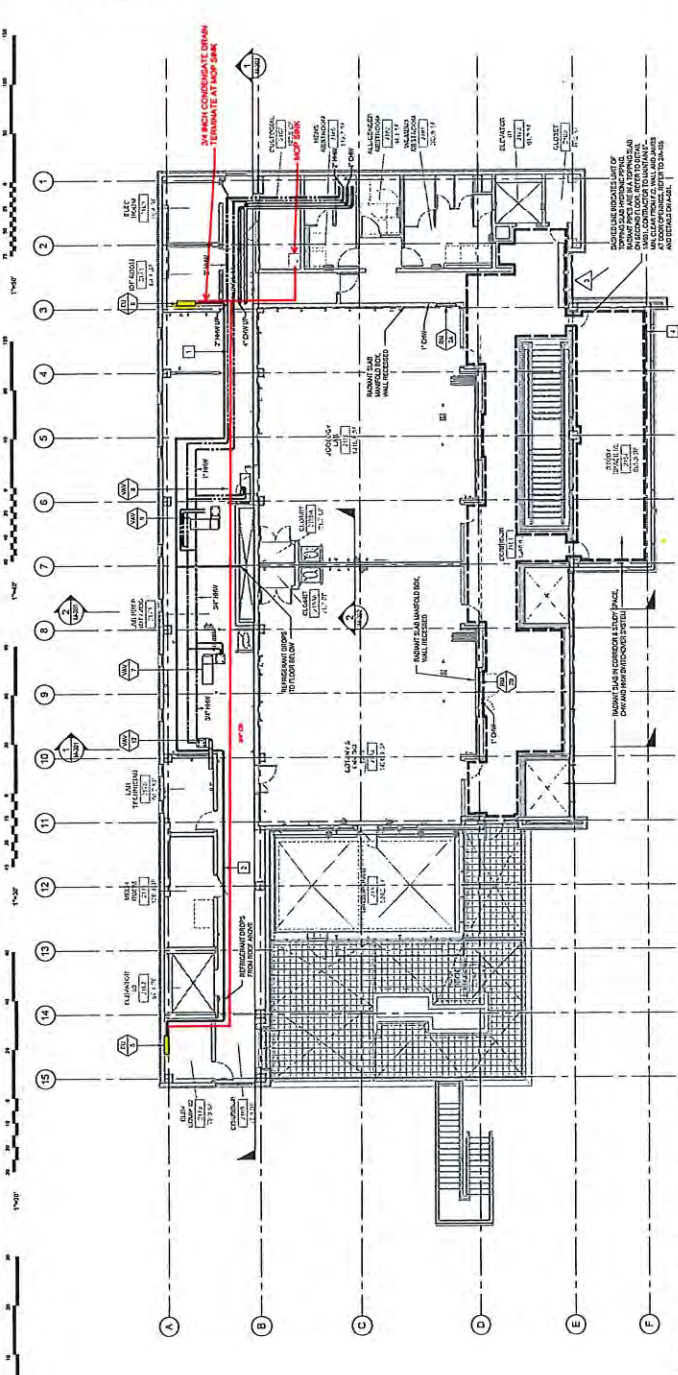
HED
 425 UNIVERSITY STREET
 SUITE 1000, OAKLAND, CALIFORNIA
 94612
 (415) 838-2342
 www.hedusa.com



COMMITTEE 0278
 Project No. 31547
 Drawn: D.L.
 Approved: J.T.
FIRST & SECOND FLOOR PIPING PLANS
 SHEET NO. M-201

KEYED NOTE

1	UNLESS NOTED OTHERWISE, ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE INTERNATIONAL PIPEWORKING CODE (IPC).
2	PROVIDE PROTECTIVE CASING AND HANGERS TO PROTECT ALL PIPING AND CONDUITS FROM MECHANICAL DAMAGE.
3	ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE INTERNATIONAL PIPEWORKING CODE (IPC).
4	FOR INFORMATION, REFER TO THE PROJECT CHARTER.



SKM RFI 0504
07-16-2020
ARUP

Harris

Request for Information #146

Prepared by:

John Hohman
Project Manager
(650) 776-3903
jhohman@harriscompany.com

Date:

July 15, 2020

Project Name:

491803 Chabot College

Subject: EU Condensate drain, pipe size, location, and routing**Description:**

On the contract drawings there is not any drain piping shown for any of the EU units. No condensate pipe is included in the model.

Mechanical schedule M-002 indicates there is to be plumbing piping for condensate removal for 2 units EU-1A and EU-1B.

The schedule shows condensate pumps are included with all 7 EU units (EU-1A, EU-1B, EU-2, EU-3, EU-4, EU-5, EU-6), and the units have connections for condensate drains.

Please confirm which EU units should have drain piping.

For each unit that requires drain piping we will need the following for each unit:

1. Pipe size for drain piping
2. Routing
3. Termination point of drain piping.

Please note the condensate pump supplied with all the units is Sauermann Si-30-300 approved as part of submittal 238126-145.5.

Answer:

W. A. THOMAS CO., INC.

2356 Pacheco Boulevard
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

FIELD REQUEST FOR INFORMATION NO.: 504.1

Eric Barger Date: July 28, 2020
Vanir CM. Re: Chabot Bio-Science Annex
E-Mail: eric.barger@vanir.com Pages Faxed: 3 WATCO Project: 518
Subject: EU Condensate drain, pipe size, location, and routing

Spec. / Drwg: Attached
Contractor: F.W. Spencer

Info.Req: Please see attached FWS RFI 146.1, Dated 7/24/2020 : The response to RFI 504 (Harris #146) directed Harris to terminate all EU condensate lines to a single mop sink on each floor. Due to structural beams, and similar obstacles, the mop sink termination location will not work for all the EU units. The routing in RFI 504 will require the condensate pipe to drop below the ceiling. Please note the EU units are not shown in the correct locations on the RFI response, they were moved per the following RFIs:
EU-1A & EU-1B per RFI 199.1 (location approved in shop drawing submittal #230500-221-001)
EU-2, EU-3 & EU-6 moved per RFI 430 / RFI 430.1 EU-4 & EU-5 moved per RFI 457 / RFI 457.1

Please see attached mark up of RFI 504 response showing the correct EU locations (orange) and possible condensate drain route and termination locations (green).
Please confirm the alternate termination points for the condensate drains are acceptable.
Please confirm drip pan under EU-6 in electrical room should extend under condensate drain.

Appreciably Different Yes No
Urgency: High

Date Information Needed: 8/11/2020 Project IOR: _____
Cost / Schedule Impact: TBD
Bill Luce W. A. THOMAS CO. INC.

RESPONSE: No exceptions taken to contractor proposals. All condensate piping is to be provided with a condensate drain pan.

By: Michael Myers, HED Sub Copy: _____
Response Date: 8/6/20 DSA Approval: _____

Harris

Request for Information #146.1

Prepared by:

John Hohman
Project Manager
(650) 776-3903
jhohman@harriscompany.com

Date:

July 24, 2020

Project Name:

491803 Chabot College

Subject: EU Condensate Drain Routing**Description:**

The response to RFI 504 (Harris #146) directed Harris to terminate all EU condensate lines to a single mop sink on each floor. Due to structural beams, and similar obstacles, the mop sink termination location will not work for all the EU units. The routing in RFI 504 will require the condensate pipe to drop below the ceiling.

Please note the EU units are not shown in the correct locations on the RFI response, they were moved per the following RFIs:

EU-1A & EU-1B per RFI 199.1 (location approved in shop drawing submittal #230500-221-001)
EU-2, EU-3 & EU-6 moved per RFI 430 / RFI 430.1
EU-4 & EU-5 moved per RFI 457 / RFI 457.1

Please see attached mark up of RFI 504 response showing the correct EU locations (orange) and possible condensate drain route and termination locations (green).

Please confirm the alternate termination points for the condensate drains are acceptable.

Please confirm drip pan under EU-6 in electrical room should extend under condensate drain.

Answer:



CHABOI COLLEGE
 Biological Sciences
 Building Annex
 25555 Hesperian Drive
 Hayward, CA 94545



ARUP
 Arup North America Ltd.
 1100 California Street, Suite 1000
 San Francisco, CA 94109
 Telephone: 415 774 2000
 Fax: 415 774 2001

9/18/17 DSA Approval
 3/18/2018 Hubert 007



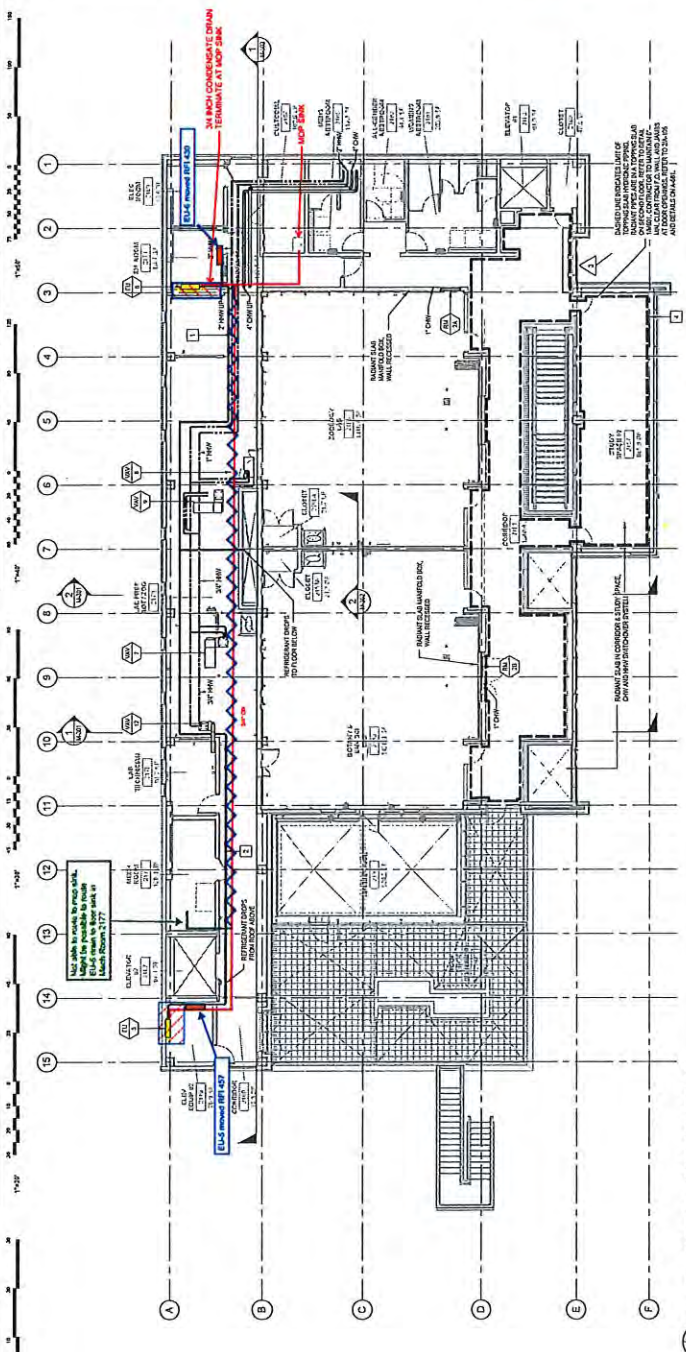
HED
 4140 UNIVERSITY STREET
 SUITE 200, SAN FRANCISCO, CA 94116
 Telephone: 415 774 2000
 Fax: 415 774 2001

Project No. 20042
 Drawn By: JAC
 Approved By: JAC
 Title: FIRST & SECOND FLOOR PIPING PLANS
 Sheet No. M-201

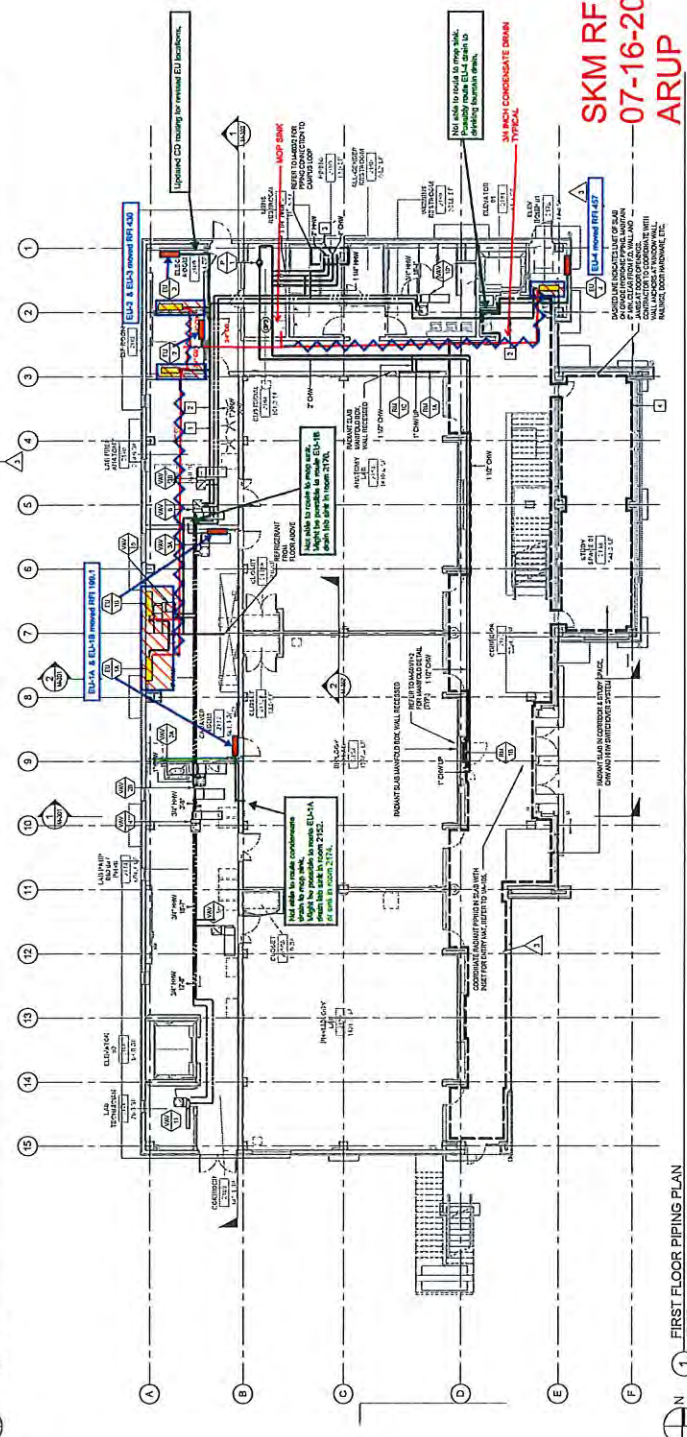
KEYED NOTES	
1	INDICATE SHIPPINGS TO THE FIELD. CONSULT WITH THE FIELD FOR SHIPPINGS TO THE FIELD.
2	INDICATE SHIPPINGS TO THE FIELD. CONSULT WITH THE FIELD FOR SHIPPINGS TO THE FIELD.
3	INDICATE SHIPPINGS TO THE FIELD. CONSULT WITH THE FIELD FOR SHIPPINGS TO THE FIELD.
4	INDICATE SHIPPINGS TO THE FIELD. CONSULT WITH THE FIELD FOR SHIPPINGS TO THE FIELD.

Harris RFI 146.1
07-24-2020

SKM RFI 0504
07-16-2020
ARUP



2 SECOND FLOOR PIPING PLAN



1 FIRST FLOOR PIPING PLAN

W. A. THOMAS CO., INC.

2356 Pacheco Boulevard
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

FIELD REQUEST FOR INFORMATION NO.: 504.2

Eric Barger Date: August 25, 2020
Vanir CM. Re: Chabot Bio-Science Annex
E-Mail: eric.barger@vanir.com Pages Faxed: 2 WATCO Project: 518
Subject: EU Condensate drain, pipe size, location, and routing

Spec. / Drwg: Attached

Contractor: F.W. Spencer

Info.Reg: Please see attached FWS RFI 146.2 : The response to RFI 504.1 (Harris #146.1) directed Harris to provide condensate drain pan for ALL condensate piping.
The response did not specify how the drain pan should be installed. Will a V hanger with sheet metal angle be acceptable?
Or will a drip pan tray, separately supported from the condensate piping supports be required.

Appreciably Different Yes No
Urgency: High

Date Information Needed: 9/8/2020 Project IOR: _____

Cost / Schedule Impact: Yes

Bill Luce W. A. THOMAS CO. INC.

RESPONSE: _____

See Arup response on page 2 of pdf.

By: A. MacDougall, HED Sub Copy: _____

Response Date: 8/31/2020 DSA Approval: _____

560 Mission Street, Suite 700
San Francisco, CA 94105
t +415 957 9445

CHABOT COLLEGE BIOLOGY ANNEX

Received: 8/27/2020
Returned: 8/27/2020
Arup Project #: 245042-00

Harley Ellis Devereaux
417 Montgomery St #400
San Francisco, CA 94104
Attention: Anna MacDougall

Subject: EU Condensate drain

Information Requested:

Please see attached FWS RFI 146.2 : The response to RFI 504.1 (Harris #146.1) directed Harris to provide condensate drain pan for ALL condensate piping.

The response did not specify how the drain pan should be installed. Will a V hanger with sheet metal angle be acceptable?

Or will a drip pan tray, separately supported from the condensate piping supports be required.

Responses

Jerry Frias - Mechanical

Provide separately supported drain pans.

Harris

Request for Information #146.2

Prepared by:

John Hohman
Project Manager
(650) 776-3903
jhohman@harriscompany.com

Date:

August 19, 2020

Project Name:

491803 Chabot College

Subject: EU Condensate Drain Pan Installation**Description:**

The response to RFI 504.1 (Harris #146.1) directed Harris to provide condensate drain pan for ALL condensate piping.

The response did not specify how the drain pan should be installed.
Will a V hanger with sheet metal angle be acceptable?

Or will a drip pan tray, separately supported from the condensate piping supports be required.

Answer:

W. A. THOMAS CO., INC

2356 Pacheco Blvd
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

Biological Sciences B2100 Building Annex
Chabot College

WATCO Job No. 518

25555 Hesperian Blvd., Hayward CA 94545

CHANGE ESTIMATE No. 17287.1

9/10/2021
Revised

<u>Item</u>	<u>Hrs</u>	<u>Material / Equip.</u>	<u>Labor</u>	<u>Subcontractor</u>	<u>Total</u>
<u>Change Description:</u>					
Cost to furnish and install new GFCI Receptacle in Elevator Room per RFI# 554 response					
<u>Breakdown of Estimated Subcontractor Costs:</u>					
				\$0	\$0
BME Electric proposal dated 5/19/2021				\$1,616	\$1,616
				\$0	\$0
				\$0	\$0
<u>Qualifications: Price for itemized work only listed on subcontractor quotation. Overtime excluded. Any extra work not noted or unforeseen conditions will be priced separately.</u>					
				\$0	\$0
<u>W. A. Thomas Co., Inc. Work</u>					
			\$0	\$0	\$0
				\$0	\$0
				\$0	\$0
				\$0	\$0
<u>Subtotal</u>		\$0	\$0	\$1,616	\$1,616
Tax 10%					\$0
15% on WATCO work					\$0
5% on Subcontractor Costs (\$1404)					\$70
1% Bond (GC)					\$17
Total Lump Sum					\$1,703

Additional Time: One Day

This quotation is based solely on the direct cost elements involved for the change noted and does not include any evaluation of the impact or the subject change upon the contract time or any costs related thereto. This quotation is only for the work described herein.

CE 11281
578



BME ELECTRICAL CONSTRUCTION, INC.

1281 30TH STREET
OAKLAND, CA 94608
OFFICE: 510.208.1967 FAX: 510.208.1966
CA C-10 # 887811

5/19/21

DIR # 1000002993

TO: WA Thomas

554

RE: Chabot College B2100 552 Response

We are pleased to provide a proposal on the above referenced project. Our proposal is based on the following information:

1. Information from Engineer of Record

INCLUDED:

1. (1) New GFCI Receptacle

BME Subtotal	\$1,404.00
Markup @ 12%:	\$168.00
Bond @ 2.85%:	\$44.00
BME Total:	\$1,616.00
Total:	\$1,616.00

CLARIFICATIONS:

1. BME Relieves Itself & Subcontractors of Any and All Responsibility for Ensuring Proper Design by Owner Mandated Vendors. If Changes/Charges Arise Out of Incomplete Design by These Vendor(s) the Owner Will Bear These Costs
2. If Any More Work is Required than What is Stated on Attached Scope, it Will be Quoted Separately

EXCLUSIONS:

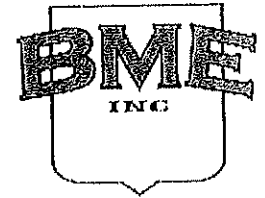
1. All Items Not Shown Above
2. All Low Voltage Systems Cabling or Conduit Systems (Tele/Data, Security, Mechanical, BMS, Etc.)
 - a. Unless Specifically Included in Proposal
3. Relocation/Re-work of Utilities/Existing to Remain Electrical Items- Unless Specifically Shown on Drawings
4. Any Specialty Finishes (Interior and/or Exterior)
5. Any Systems Not Shown on Drawings
6. No Spare Parts Provided Unless Shown Above
7. Painting
8. Removal/Repair of Existing Surfaces
9. Any Work Required by Any Other Subcontractors
- 28 Premium Time
10. Electrical Engineering
11. Seismic Engineering
12. Drawings

If there are any questions or concerns, please contact us.

Sincerely,

Sasha McGraw BME Electrical Construction, Inc.

Job ID: 5-19-21
 Project: Chabot RFI 554 Cost



Bid Summary Report

Vendor: TARGET Labor Level: NECA 1 19 May 2021 12:06:34
 Tax Rate status: Default Bid Name: Base Bid Bid Template: BASIC (EXPANDED O&P)

Drawing	Phase	Quote \$	Material \$	Equip \$	SubCon \$	Labor Hrs
	DEVICES	0.00	165.60	0.00	0.00	9.17
Sheet Totals:		0.00	165.60	0.00	0.00	9.17
Tax:		0.00	15.32	0.00	0.00	

Bid Notes:

TAX RATES

Material:	9.2500%
Quote:	9.2500%
Labor:	0.0000%
Equipment:	0.0000%
Subcontract:	0.0000%
Job:	0.0000%

MISCELLANEOUS

Avg. Lbr. Rate (Cost):	133.45
Avg. Lbr. Rate (Bid):	133.45
Total Square Feet:	1.00
Cost Per Sq. Ft.:	1,404.23
Labor \$ Per Sq. Ft.:	1,223.31
Labor Hrs Per Sq. Ft.:	9.17
Quantity of Units:	1.00
Cost Per Unit:	1,404.23
Calc. Adjustment:	0.00%

Sub Total (Quo/Mat/Equip/Sub):	165.60	
Sales Tax:	15.32	
Sub Total:	180.92	180.92
Direct Labor \$:	1,223.31	
Indirect Labor \$:	0.00	
Labor Escalation:	0.00	
Labor Tax:	0.00	
Direct Job Costs (0.00%):	0.00	
Prime Cost:	1,404.23	
Overhead (Avg. 0.00%):	0.00	
Net Cost:	1,404.23	
Profit (Avg. 0.00%):	0.00	
Job Tax:	0.00	
Bond (0.0000%):	0.00	
Lump Sum:	0.00	
Selling Price:	1,404.23	

BME Electrical Construction, Inc.	1281 30th St Oakland, CA 94608	Phone: 510-208-1967 Web: bmeconstruction.com
-----------------------------------	-----------------------------------	---

LABOR ADJUST											
ESTIMATED HOURS	ELECTRICAL	MACHINE OPERATOR	LOW VOLTAGE	Labor Class 4	Labor Class 5	Labor Class 6	Labor Class 7	Labor Class 8	Labor Class 9	Labor Class 10	
REGULAR	9.17	--	--	--	--	--	--	--	--	--	--
OVERTIME	--	--	--	--	--	--	--	--	--	--	--
SHIFT-2	--	--	--	--	--	--	--	--	--	--	--
SHIFT-3	--	--	--	--	--	--	--	--	--	--	--
DOUBLE TIME	--	--	--	--	--	--	--	--	--	--	--
ESTIMATED HOURS:	9.17	--	--	--	--	--	--	--	--	--	--
LOSS LBR ADJ:	--	--	--	--	--	--	--	--	--	--	--
CALCULATED HRS											
REGULAR	9.17	--	--	--	--	--	--	--	--	--	--
OVERTIME	--	--	--	--	--	--	--	--	--	--	--
SHIFT-2	--	--	--	--	--	--	--	--	--	--	--
SHIFT-3	--	--	--	--	--	--	--	--	--	--	--
DOUBLE TIME	--	--	--	--	--	--	--	--	--	--	--
TOTAL ADJ LABOR:	9.17	--	--	--	--	--	--	--	--	--	--
TOTAL ADJUSTED LABOR HOURS:											9.17

DIRECT LABOR						
Labor Class	Job Description	Labor Type	Crew	Rate	Man Hours	Extension
ELECTRICAL	FOREMEN (WORKING)	REGULAR	1	\$133.45	9.17	\$1,223.31
AVERAGE DIRECT LABOR RATE: \$133.45						TOTAL DIRECT LABOR: \$1,223.31

INDIRECT LABOR			
Labor Description	Hours	Rate	Ext \$
TOTAL INDIRECT LABOR:			\$0.00

DIRECT LABOR TOTAL:	1,223.31
INDIRECT LABOR TOTAL:	0.00
LABOR ESCALATION:	0.00
LABOR \$ ADJUSTMENT:	0.00
LABOR TAX:	0.00
LABOR TOTAL:	\$1,223.31
MATERIAL:	165.60
MATERIAL ESCALATION:	0.00
MATERIAL ADJUSTMENT:	0.00
MATERIAL TAX:	15.32
MATERIAL TOTAL:	\$180.92

QUOTES		
Component	Vendor	Amount

QUOTED MATERIAL:	0.00
ADJUSTMENT:	0.00
QUOTE TAX:	0.00
QUOTED MATERIAL TOTAL:	\$0.00

BME Electrical Construction, Inc.	1281 30th St Oakland, CA 94608	Phone: 510-208-1967 Web: bmeconstruction.com
-----------------------------------	-----------------------------------	---

Bid Summary Sheet: Chabot RFI 554 Cost

SUBCONTRACTS

Component	Vendor	Amount

SUBCONTRACTS:	0.00
ADJUSTMENT:	0.00
SUBCONTRACT TAX:	0.00
SUBCONTRACTS TOTAL:	\$0.00

EQUIPMENT

Component	Vendor	Amount

EQUIPMENT:	0.00
ADJUSTMENT:	0.00
EQUIPMENT TAX:	0.00
EQUIPMENT TOTAL:	\$0.00

DIRECT JOB COSTS

Description	Dollars

TOTAL DIRECT JOB COSTS:	\$0.00
JOB COST w/NO OVERHEAD:	\$1,404.23

OVERHEAD

MATERIAL OVERHEAD:(0% markup)	0.00
QUOTES OVERHEAD:(0% markup)	0.00
LABOR OVERHEAD:(0% markup)	0.00
SUBCONTRACTS OVERHEAD:(0% markup)	0.00
EQUIPMENT OVERHEAD:(0% markup)	0.00
DJC OVERHEAD:(0% markup)	0.00

TOTAL OVERHEAD:	\$0.00
JOB COST w/OVERHEAD:	\$1,404.23

PROFIT

MATERIAL PROFIT:(0% markup)	0.00
QUOTES PROFIT:(0% markup)	0.00
LABOR PROFIT:(0% markup)	0.00
SUBCONTRACTS PROFIT:(0% markup)	0.00
EQUIPMENT PROFIT:(0% markup)	0.00
DJC PROFIT:(0% markup)	0.00

TOTAL PROFIT:	\$0.00
----------------------	---------------

MISCELLANEOUS

JOB TAX:	0.00
BOND:	0.00

MISCELLANEOUS TOTAL:	0.00
-----------------------------	-------------

BME Electrical Construction, Inc.

1281 30th St
Oakland, CA 94608

Phone: 510-208-1967
Web: bmeconstruction.com

Bid Summary Sheet: Chabot RFI 554 Cost

LUMP SUM	
LUMP SUM 1:	0.00
LUMP SUM 2:	0.00
LUMP SUM 3:	0.00
LUMP SUM 4:	0.00

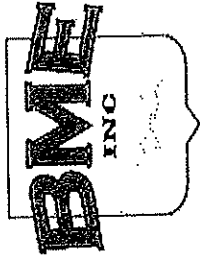
LUMP SUM TOTAL: 0.00

BID TOTAL: \$1,404.23

BME Electrical Construction, Inc.

1281 30th St
Oakland, CA 94608

Phone: 510-208-1967
Web: bmeconstruction.com



Job ID: 5-19-21
 Project: Chabot RFI 554 Cost

Summary by Subtotal

554 material

19 May 2021 12:10:20

Vendor: TARGET Labor Level: NECA 1

Subtotal 2 - EMT

Item # Size Description
 10054 3/4 EMT

QTY	Quantity U/M	Mat Unit	Mat Result	Lab Unit	Lab Result	Quo Unit	Quo Result
M	50.00 FT	1.1500	57.50	0.0500	2.50	0.0000	0.00
Subtotal totals:							0.00

Subtotal 11 - EMT FITTINGS

Item # Size Description
 20739 3/4 EMT FIELD-BEND
 EMT 90-ELBOW
 EMT STEEL-SS COUPLING
 EMT STEEL SS CONNECTOR
 EMT 1-HOLE STEEL STRAP

QTY	Quantity U/M	Mat Unit	Mat Result	Lab Unit	Lab Result	Quo Unit	Quo Result
M	8.00 EA	0.0000	0.00	0.1920	1.54	0.0000	0.00
M	0.00 EA	0.0000	0.00	0.0000	0.00	0.0000	0.00
M	5.00 EA	1.2500	6.25	0.0500	0.25	0.0000	0.00
M	2.00 EA	0.2866	0.77	0.1000	0.20	0.0000	0.00
M	9.00 EA	0.2500	2.25	0.0400	0.36	0.0000	0.00
Subtotal totals:							0.00

Subtotal 13 - HANGERS/SUPPORTS

Item # Size Description
 160415 1/4" PLTD FLAT WASHER
 TEK SCREW
 SHEET METAL SCREW
 PLASTIC ANCHOR
 HAMMER DRILLED HOLE
 COND PUSH-IN HGR TO SCREW-ON STUD-WALL

QTY	Quantity U/M	Mat Unit	Mat Result	Lab Unit	Lab Result	Quo Unit	Quo Result
M	9.00 EA	0.0369	0.35	0.0012	0.01	0.0000	0.00
M	6.00 EA	0.0624	0.37	0.0240	0.14	0.0000	0.00
M	9.00 EA	0.0522	0.47	0.0240	0.22	0.0000	0.00
M	9.00 EA	0.0372	0.33	0.0240	0.18	0.0000	0.00
M	9.00 EA	0.0000	0.00	0.1900	1.17	0.0000	0.00
M	2.00 EA	1.4418	2.88	0.2500	0.50	0.0000	0.00
Subtotal totals:							0.00

Subtotal 21 - DEVICES

Item # Size Description
 140042 20A DUPLEX GFCI RECEPT SPEC GRADE

QTY	Quantity U/M	Mat Unit	Mat Result	Lab Unit	Lab Result	Quo Unit	Quo Result
M	1.00 EA	17.5600	17.56	0.3500	0.35	0.0000	0.00
Subtotal totals:							0.00

Subtotal 22 - PLATES

Item # Size Description
 141128 METALLIC 1G WP UNRV PLATE-IN USE

QTY	Quantity U/M	Mat Unit	Mat Result	Lab Unit	Lab Result	Quo Unit	Quo Result
M	1.00 EA	35.9703	35.97	0.2000	0.20	0.0000	0.00
Subtotal totals:							0.00

Subtotal 23 - STEEL BOXES

Item # Size Description
 150047 2-1/8" 4"SC CMB-KO CV-BRKT
 150067 3/4"RISE 5.8-CI 1G 4"SC PLASTER-RING

QTY	Quantity U/M	Mat Unit	Mat Result	Lab Unit	Lab Result	Quo Unit	Quo Result
M	1.00 EA	2.7834	2.78	0.3000	0.30	0.0000	0.00
M	1.00 EA	0.8300	0.83	0.0800	0.08	0.0000	0.00
Subtotal totals:							0.00

BME Electrical Construction, Inc.
 1281 30th St
 Oakland, CA 94608
 Phone: 510-208-1957
 Web: bmeconstruction.com

Summary by Subtotal: Chabot RFI 554 Cost

Subtotal 31 - THHN/THWN CU

Item # Size Description
70033 12 THHN/THWN CU (STR)

QTY	Quantity	UOM	Mat Unit	Mat Result	Lab Unit	Lab Result	Quo Unit	Quo Result
M	165.00	FT	0.2200	36.30	0.0060	0.99	0.0000	0.00
Subtotal totals:								
0.99								

Subtotal 42 - WIRE TERMINATIONS

Item # Size Description
100139 #16 In. 8 WIRE-NUT MED-RED
100159 #12 SOL 8" PIGTAIL WGRD SCREW

QTY	Quantity	UOM	Mat Unit	Mat Result	Lab Unit	Lab Result	Quo Unit	Quo Result
M	2.00	EA	0.1655	0.33	0.0600	0.12	0.0000	0.00
M	1.00	EA	0.6225	0.62	0.0600	0.06	0.0000	0.00
Subtotal totals:								
0.95								
Job totals:								
9.17								

Grand Material, Quote, Equipment, and Subcontract Total: 155.60

1281 30th St
Oakland, CA 94608

Phone: 510-208-1967
Web: brmeconstruction.com

EME Electrical Construction, Inc.

W. A. THOMAS CO., INC.

2356 Pacheco Boulevard
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

FIELD REQUEST FOR INFORMATION NO.: 554

Eric Barger Date: May 10, 2021
Vanir CM. Re: Chabot Bio-Science Annex
E-Mail: eric.barger@vanir.com Pages Faxed: 1 WATCO Project: 518
Subject: GFCI Receptical

Spec. / Drwg: E-101

Contractor: BME

Info.Req: Please see E-101: In Elev. Equip. 01 a GFCI receptical is called out. No such call out is found in Elev. Equip 02. Please confirm a GFCI receptical is not needed in Elev. Equip. 02

Appreciably Different Yes No
Urgency: High

Date Information Needed: 5/24/2021

Cost / Schedule Impact: TBD

Project IOR: _____

Bill Luce W. A. THOMAS CO. INC.

RESPONSE: Provide convenience GFCI receptacle for Elevator 02 Equipment Room at south wall. Use existing circuit 2LP3-6.

By: Michael Myers, HED

Response Date: 05/12/21

Sub Copy: _____

DSA Approval: _____

560 Mission Street, Suite 700
San Francisco, CA 94105
t +415 957 9445

CHABOT COLLEGE BIOLOGY ANNEX

Received: 5/10/2021

Returned: 5/12/2021

Arup Project #: 245042-00

Harley Ellis Devereaux
417 Montgomery St #400
San Francisco, CA 94104
Attention: Anna MacDougall

Subject: GFCI Receptical

Information Requested:

Please see E-101: In Elev. Equip. 01 a GFCI receptical is called out. No such call out is found in Elev. Equip 02. Please confirm a GFCI receptical is not needed in Elev. Equip. 02

Responses

Tori Wallis - Electrical

Provide convenience GFCI receptacle for Elevator 02 Equipment Room at south wall. Use existing circuit 2LP3-6.



Chabot-Las Positas Community College District

Construction Field Directive

To: W.A. Thomas Co., Inc.

Project: Biological Sciences B2100 Building Annex

Field Dir. 94

Issue: 06/04/2021

Description of Work:

- Provide all labor, materials, and equipment to install GFCI Receptacle in Elevator Room 2179, per RFI #554.

Reason for Directive:

- It was discovered that the contract documents did not provide for a GFCI receptacle in the elevator equipment room, and one is required.

Direction:

- Proceed with work on T&M Basis; submit T&M back-up daily.
Cost not to exceed \$.00 estimate
Contractor shall notify Construction Manager when costs reach 80% of the Not to exceed amount.
- Provide Credit in the amount of \$ (XX) for the additional service provided by the Architect as a result of non-conforming work.
- Proceed with work, submit signed T&M back-up daily, unless PCO is provided prior and approved.
The District reserves all rights and remedies under the contract.
- Proceed with work, work considered in scope of contract.
- Proceed with the work in accordance with the proposal CE 17287 dated May 19, 2021 in the amount of \$ 1,703.00. x-day Time Extension.
The work will be added to the contract by change order only when and not until any contract time adjustment has been agree to.
The District reserves all its rights and remedies under the contract.

By *Eric Bayler*
VanirCM, Inc. Construction Manager

6/21/2021
Date

By *Mark Kagan*
Chabot College Campus Project Planner/Mgr.

06/24/2021
Date

W. A. THOMAS CO., INC

2356 Pacheco Blvd
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

Biological Sciences B2100 Building Annex
Chabot College

WATCO Job No. 518

25555 Hesperian Blvd., Hayward CA 94545

CHANGE ESTIMATE No. 17288

6/29/2021

<u>Item</u>	<u>Hrs</u>	<u>Material / Equip.</u>	<u>Labor</u>	<u>Subcontractor</u>	<u>Total</u>
<u>Change Description:</u>					
Provide Pump Enclosures per RFI# 559 response					
<u>Breakdown of Estimated Subcontractor Costs:</u>					
				\$0	\$0
Harris Bay Area proposal dated 6/22/21				\$2,423	\$2,423
				\$0	\$0
				\$0	\$0
<u>Qualifications: Price for itemized work only listed on subcontractor quotation. Overtime excluded. Any extra work not noted or unforeseen conditions will be priced separately.</u>					
				\$0	\$0
<u>W. A. Thomas Co., Inc. Work</u>				\$0	\$0
			\$0	\$0	\$0
				\$0	\$0
				\$0	\$0
				\$0	\$0
<u>Subtotal</u>		\$0	\$0	\$2,423	\$2,423
Tax 10%					\$0
15% on WATCO work					\$0
5% on Subcontractor Costs (\$2104)					\$105
1% Bond (GC)					\$25
Total Lump Sum					\$2,553

Additional Time:

This quotation is based solely on the direct cost elements involved for the change noted and does not include any evaluation of the impact or the subject change upon the contract time or any costs related thereto. This quotation is only for the work described herein.



HARRIS BAY AREA, LLC.

99 SOUTH HILL DRIVE BRISBANE, CA 94005
 PHONE: (415) 468 5000 FAX: (415)468-4579
 CONTRACTOR'S LIC # 1060887

06/22/21

W.A. Thomas Co., Inc.
 2356 Pacheco Boulevard
 Martinez, CA 94553

ATTENTION: Jim Smith

RE: Chabot College - Biology Sciences B2100 Bldg Annex
Harris CE # 491803-37

SUBJECT: RFI-559 - Pump enclosures

Dear Jim,

Specified hydronic roof pumps were determined to not be suitable for outdoor conditions despite the Marine Environment coatings. RFI-559 determined that pump enclosures would be suitable to protect pumps in outdoor conditions. Harris will procure (2) pump enclosures and install on penthouse pumps. Potential damage to having these pumps outside is not covered in this change order should any replacement parts or labor be required in the future.

The cost for performing the work described above is: \$2,423 .

Please issue a change order for the above amount.

NOTE: The material and equipment prices are subject to change if our cost exceeds the estimated amount carried in this quote due to unforeseen escalations.

Please note this change may have an impact on the project schedule. The cumulative affect of this change together with other changes is not known at this time, it is being analyzed and will be forwarded when it has been fully ascertained.

Sincerely,

HARRIS BAY AREA, LLC.

John Hohman
 Project Manager

JH/so

Attachments

*Identified costs, and components thereof, are estimates and may not be actual costs
 Harris reserves our rights to assess / evaluate cumulative impact of this change.*



HARRIS BAY AREA, LLC.
CHANGE ESTIMATE SUMMARY

6/22/2021

Chabot College - Biology Sciences B2100 Bldg Annex

Change Order Cost Analysis	Estimate	Harris CE # 491803-37	
Material	Total		
Piping Material Cost - Attachment A (1)	\$220.00		
Sheetmetal Material Cost - Attachment A (2)	\$0.00		
Miscellaneous Cost - Attachment C	\$0.00		
Consumables	\$22.00		
Subtotal	\$242.00		
+ 9.75% Sales Tax	\$23.60		
Subtotal Material	\$265.60		
Labor Summary - Attachment A	Total	Hours	Hourly Rate
Plumber/Weider/Fitter (Local # 342)	\$1,090.56	8.00	\$136.32
Plumbing Foreman (Local # 342)	\$236.80	1.60	\$148.00
Plumbing General Foreman (Local # 342)	\$0.00	0.00	\$156.89
Sheetmetal Worker (Field) (Local #104)	\$0.00	0.00	\$135.21
Sheetmetal Foreman (Field) (Local # 104)	\$0.00	0.00	\$149.54
Sheetmetal Gen Foreman (Field) (Local # 104)	\$0.00	0.00	\$159.09
Plumbing/Pipefitter Shop	\$0.00	0.00	\$135.08
Plumbing/Pipefitter Shop Foreman	\$0.00	0.00	\$147.15
Sheetmetal Shop	\$0.00	0.00	\$135.21
Sheetmetal Shop Gen Foreman	\$0.00	0.00	\$161.85
Shop Burden	\$0.00	0.00	\$48.00
Laborer	\$0.00	0.00	\$71.80
Harris Coordination	\$0.00	0.00	\$155.00
State of California Wage Order #16	\$0.00	0.00	\$136.32
Cartage/Trucking	\$270.00	3.00	\$90.00
Corona Virus Protocol Impact on Daily Production (16%)	\$212.38		
Subtotal Labor	\$1,809.74		
Other Direct Costs	Total		
Tool/Equipment Rental - Attachment B	\$0.00		
Reproduction Costs	\$0.00		
Standard Additional Covid-19 PPE	\$28.81		
Subtotal	\$28.81		
+ 9.75% Sales Tax	\$0.00		
Subtotal Other Direct Costs	\$28.81		
Total (Material, Labor, Other)	\$2,104.14		
+ 12% Mark-Up	\$252.50		
Subtotal	\$2,356.64		
Subcontractor Costs			
+ Subcontractor's Cost	\$ -		
+ Subcontractor 5% Markup	\$0.00		
Subtotal	\$2,356.64		
+ 0.8% Bond	\$18.85		
+2% Warranty	\$47.13		
Total	\$2,422.63		

This Change Order does not include any amounts for changes in the work sequence, delays, disruptions, consequential cost impacts and/or impact costs due to the cumulative effect of this change order with other changes or for any other reasons. Identified costs, and components thereof, are estimates and may not represent actual costs. Harris reserves our rights to assess / evaluate cumulative impact of this change. Estimate is only valid for 30 days from date of submission.

Attachment A(1) - Piping Material/Labor Breakdown
Harris CE # 491803-37

Qty	Size	Description	Unit Price	Price Total	Hour Each	Total Hour
2		ECOCIRC COVER LARGE- ECOCIRC UV COVER SMALL. FOR PUMP MODELS 35-130 & #40-200 **	\$110.00	\$ 220.00		
		Journeyman @ 8 hours Foreman Oversight	(See Summary)			8.00
		Subtotal		\$ -		8.00
		Less: 15% Discount on Materials		\$ -		
		** Non-Discountables		\$ 220.00		
		TOTAL		\$ 220.00		8.00

ATTACHMENT B

Attachment B - Equipment Rental			Harris CE # 491803-37	
Item	Term	Quantity	Price/Unit	Total Cost
TRUCK	DAYS	0.20	\$201.82	\$40.36
Deduct: Truck Cost (To be billed under Harris CO # 491803-14)				(\$40.36)
Total				\$0.00

Identified costs, and components thereof, are estimates and may not represent actual costs.



CALIFORNIA HYDRONICS CORPORATION

2293 TRIPALDI WAY • PO BOX 5049 • HAYWARD, CA 94540-5049
TELEPHONE 510-293-1993 • FAX 510-293-3080
chhydronics.com

California - DIR # 1000019935

ATTN John	DATE: 6/8/21	QUOTE:
JOB Chabot College	BIDS:	
ENG:	PGS: 3	

We are pleased to offer the following for your consideration.

This quotation is offered pursuant to the *Terms and Conditions at end of this document* – CHC does not agree to accept other terms and conditions unless noted within this quotation.

<u>TAG NO.</u>	<u>DESCRIPTION</u>	<u>NET EACH</u>
P-1	ECOCIRC COVER SMALL- ECOCIRC UV COVER SMALL, FOR PUMP MODELS #20-35 & #36-45	\$ 110.00
P-2,3	ECOCIRC COVER LARGE- ECOCIRC UV COVER SMALL, FOR PUMP MODELS #65-130 & #40-200	\$ 110.00 x 2

Price is full freight allowed.

NOTE: We reserve the right to re-quote if project requires BUY AMERICAN compliance.

If you have any questions or require additional information, please feel free to give us a call. Terms and Conditions as follows.

Thank you for the opportunity to provide this quotation.
Sincerely – Ken Carey / CHC - California Hydronics Corporation

Email: kcarey@chhydro.com / Direct Line: (510) 266-7810

NOTE: We reserve the right to re-quote if project requires BUY AMERICAN compliance.

If you have any questions or require additional information, please feel free to give us a call. Terms and Conditions as follows.

Thank you for the opportunity to provide this quotation.
Sincerely – Ken Carey / CHC - California Hydronics Corporation

W. A. THOMAS CO., INC.

2356 Pacheco Boulevard
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

FIELD REQUEST FOR INFORMATION NO.: 559

Eric Barger Date: May 24, 2021
Vanir CM. Re: Chabot Bio-Science Annex
E-Mail: eric.barger@vanir.com Pages Faxed: 3 WATCO Project: 518
Subject: Mechanical Pumps P-2 & P-3 on roof

Spec. / Drwg: Attached

Contractor: F.W. Spencer

Info.Reg: Please see attached Harris RFI 155, Dated 5/24/2021: Harris has discovered some potential concerns regarding mechanical pumps P-2 & P-3 on the penthouse roof.
Harris provided the model specified on the M-003 schedule with epoxy coated volutes to meet the Marine Environment Construction note on the schedule.
Despite the epoxy coating for marine environments, these pumps are not recommended to be installed in outdoor conditions for risk of damage from environmental conditions.
The supplying vendor has found an outdoor enclosure that could be suitable for these pumps to operate in outdoor conditions. (See Attachment)
Please note P-1, which is the same model is located indoors in Custodial room 2164.
Please confirm that design intent is still to utilize these indoor rated pumps on the roof and if so, confirm that the suggested enclosure could be a suitable solution. The current installation of these pumps on the roof will likely impact equipment warranty.

Appreciably Different Yes No
Urgency: High

Date Information Needed: 6/13/2021

Cost / Schedule Impact: TBD

Project IOR: _____

Bill Luce W. A. THOMAS CO. INC.

RESPONSE: See MEOR response attached. Pump enclosure is acceptable. Please proceed with install.

By: Michael Myers, HED

Sub Copy: _____

Response Date: 6/1/21

DSA Approval: _____

560 Mission Street, Suite 700
San Francisco, CA 94105
t +415 957 9445

CHABOT COLLEGE BIOLOGY ANNEX

Received: 5/25/2021
Returned: 5/29/2021
Arup Project #: 245042-00

Harley Ellis Devereaux
417 Montgomery St #400
San Francisco, CA 94104
Attention: Anna MacDougall

Subject: Mechanical Pumps on roof

Information Requested:

Please see attached Harris RFI 155, Dated 5/24/2021: Harris has discovered some potential concerns regarding mechanical pumps P-2 & P-3 on the penthouse roof.

Harris provided the model specified on the M-003 schedule with epoxy coated volutes to meet the Marine Environment Construction note on the schedule.

Despite the epoxy coating for marine environments, these pumps are not recommended to be installed in outdoor conditions for risk of damage from environmental conditions.

The supplying vendor has found an outdoor enclosure that could be suitable for these pumps to operate in outdoor conditions. (See Attachment)

Please note P-1, which is the same model is located indoors in Custodial room 2164.

Please confirm that design intent is still to utilize these indoor rated pumps on the roof and if so, confirm that the suggested enclosure could be a suitable solution. The current installation of these pumps on the roof will likely impact equipment warranty.

Responses

Wyatt Kennedy - Mechanical

Pump enclosure is acceptable. Please proceed with install.

Harris

Request for Information #155

Prepared by:

John Hohman
Project Manager
(650) 776-3903
jhohman@harriscompany.com

Date:

May 24, 2021

Project Name:

491803 Chabot College

Subject: Mechanical Pumps P-2 & P-3 on roof**Description:**

Harris has discovered some potential concerns regarding mechanical pumps P-2 & P-3 on the penthouse roof.

Harris provided the model specified on the M-003 schedule with epoxy coated volutes to meet the Marine Environment Construction note on the schedule.

Despite the epoxy coating for marine environments, these pumps are not recommended to be installed in outdoor conditions for risk of damage from environmental conditions.

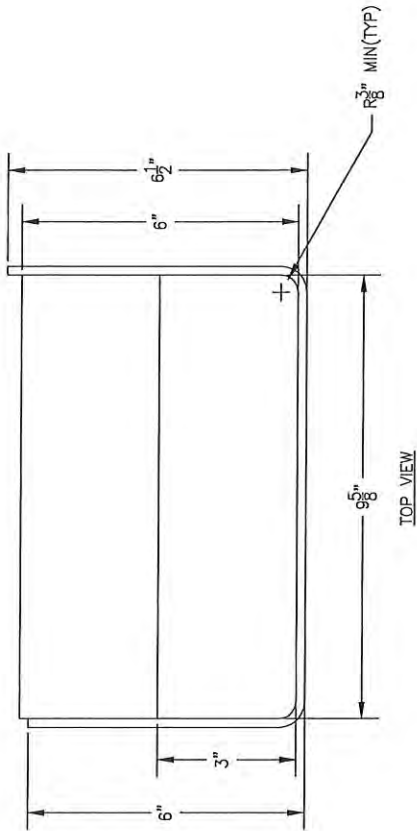
The supplying vendor has found an outdoor enclosure that could be suitable for these pumps to operate in outdoor conditions. (See Attachment)

Please note P-1, which is the same model is located indoors in Custodial room 2164.

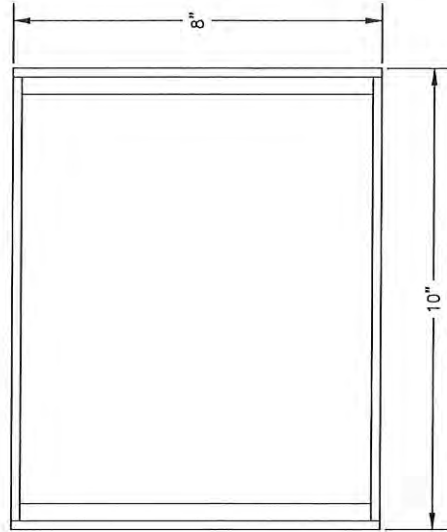
Please confirm that design intent is still to utilize these indoor rated pumps on the roof and if so, confirm that the suggested enclosure could be a suitable solution. The current installation of these pumps on the roof will likely impact equipment warranty.

Answer:

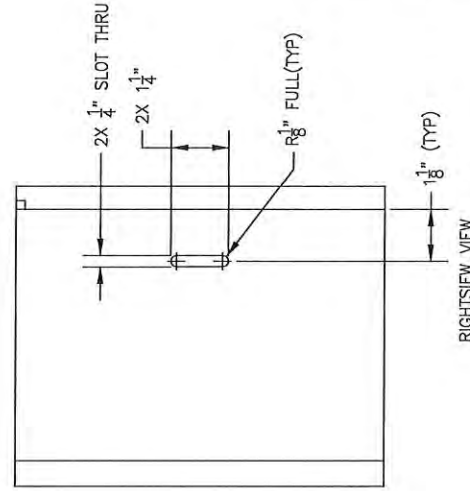
Harris RFI 155 Potential Pump Enclosure



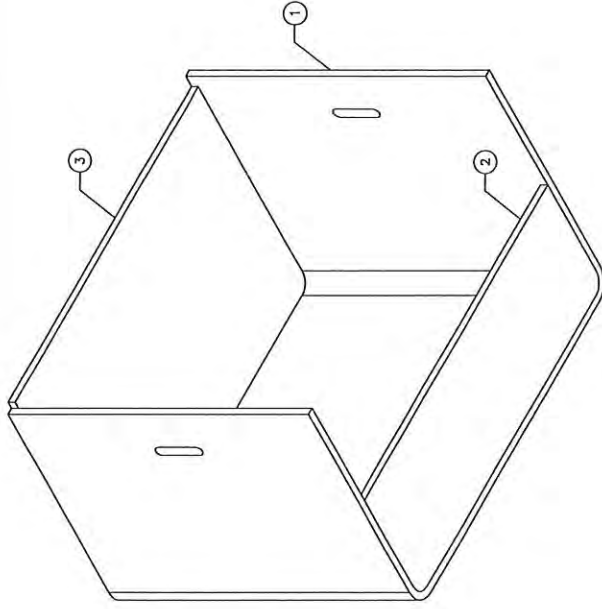
TOP VIEW



FRONT VIEW



RIGHTSIDE VIEW



REVISION		
No.	DESCRIPTION	BY DATE
1		ACD

ITEM	QTY	SIZE	DESCRIPTION
3	1		1/8" THK BLACK POLYCARBONATE - FRONT
2	1		1/8" THK BLACK POLYCARBONATE - BACK
1	1		1/8" THK BLACK POLYCARBONATE - BODY

GENERAL NOTES:

- 1) ALL WELDED CONSTRUCTION FROM ASTM A-36 CARBON STEEL.
- 2) WELDING SHALL BE IN ACCORDANCE TO AWS D1.1 WELDING CODE.
- 3) ALL WELDS TO BE CONTINUOUS EXCEPT WHERE NOTED.
- 4) INTERIOR TO BE COATED WITH AN FDA APPROVED EPOXY SUITABLE FOR POTABLE WATER SERVICE.
- 5) EXTERIOR TO BE SANDBLASTED, PRIMER & COATED WITH 2 PART ANSI 61 EPOXY.

LISTED
PACKAGED PUMPING SYSTEMS
& HEAT TRANSFER SYSTEMS

UL

APPROXIMATE SHIPPING WEIGHT: LBS.
APPROXIMATE OPERATING WEIGHT: 3,762 LBS.

FlowTherm systems
HAYWARD, CALIFORNIA

DRAWING TITLE: ECOCIRC OUTDOOR COVER

DRAWING NO. ECO CIRC UV COVER - MODEL #85-130-40-200

REV A

FAB#: _____
PROJECT NAME: _____
DRAWN BY DATE: _____
EVA MODEL: 10/31/18
CHECKED BY APPROVED BY: _____
TOLERANCES UNLESS OTHERWISE SPECIFIED:
DEC: .300" FRA: 1/2" ANGLE: 5° SCALE: NTS
DEC: .300" FRA: 1/2" ANGLE: 5° SCALE: NTS



Chabot-Las Positas Community College District

Construction Field Directive

To: W.A. Thomas Co., Inc.

Project: Biological Sciences B2100 Building Annex

Field Dir. 101

Issue: 07/26/2021

Description of Work:

- Provide labor, materials, and equipment to install Pump Enclosures as directed in RFI 559.

Reason for Directive:

- Despite the epoxy coating for marine environments, these pumps are not recommended to be installed in outdoor conditions for risk of damage from environmental conditions

Direction:

- Proceed with work on T&M Basis; submit T&M back-up daily.
Cost not to exceed \$00.00 estimate
Contractor shall notify Construction Manager when costs reach 80% of the Not to exceed amount.
- Provide Credit in the amount of \$ (XX) for the additional service provided by the Architect as a result of non-conforming work.
- Proceed with work, submit signed T&M back-up daily, unless PCO is provided prior and approved.
The District reserves all rights and remedies under the contract.
- Proceed with work, work considered in scope of contract.
- Proceed with the work in accordance with the proposal CE17288 dated June 29, 2021 in the amount of \$2,553.00 0-day Time Extension.
The work will be added to the contract by change order.
The District reserves all its rights and remedies under the contract.

By Eric Bayen
VanirCM, Inc. Construction Manager

7/27/2021
Date

By Mark G...
Chabot College Campus Project Planner/Mgr.

07/29/2021
Date

W. A. THOMAS CO., INC

2356 Pacheco Blvd
Martinez, CA 94553

Telephone (925) 228-9600
FAX (925) 228-6932

Biological Sciences B2100 Building Annex
Chabot College

WATCO Job No. 518

25555 Hesperian Blvd., Hayward CA 94545

CHANGE ESTIMATE No. 17289

6/14/2021

<u>Item</u>	<u>Hrs</u>	<u>Material / Equip.</u>	<u>Labor</u>	<u>Subcontractor</u>	<u>Total</u>
<u>Change Description:</u>					
OT Cost to continue to polish second floor concrete as part of slab curl remediation work - CFD# 92 dated 5/27/2021					
<u>Breakdown of Estimated Subcontractor Costs:</u>					
				\$0	\$0
BT Mancini Cost summary dated 5/26/2021				\$906	\$906
				\$0	\$0
				\$0	\$0
<u>Qualifications: Price for itemized work only listed on subcontractor quotation. Overtime excluded. Any extra work not noted or unforeseen conditions will be priced separately.</u>					
				\$0	\$0
<u>W. A. Thomas Co., Inc. Work</u>				\$0	\$0
			\$0	\$0	\$0
				\$0	\$0
				\$0	\$0
				\$0	\$0
Subtotal		\$0	\$0	\$906	\$906
Tax 10%					\$0
15% on WATCO work					\$0
5% on Subcontractor Costs (\$809)					\$40
1% Bond (GC)					\$9
Total Lump Sum					\$955

Additional Time:

This quotation is based solely on the direct cost elements involved for the change noted and does not include any evaluation of the impact or the subject change upon the contract time or any costs related thereto. This quotation is only for the work described herein.

CE 17289
518



Chabot-Las Positas Community College District

Construction Field Directive

To: W.A. Thomas Co., Inc.
Project: Biological Sciences B2100 Building Annex

Field Dir. 92
Issue: 05/27/2021

Description of Work:

- Provide all materials, labor, and equipment to continue to polish the concrete floors in the corridor and student study which have been affected by the slab curl delay, on the collectively bargained designated day off, Friday May 28, 2021. The district will pay the premium only of the time and a half rate.

Reason for Directive:

- This CFD is issued as a schedule accommodation due to the delay related to the slab curl.

Direction:

- Proceed with work on T&M Basis; submit T&M back-up daily.
Cost not to exceed \$.00 (including GC's Mark up and Bond)
Contractor shall notify Construction Manager when costs reach 80% of the Not to exceed amount.
- Provide Credit in the amount of \$ (XX) for the additional service provided by the Architect as a result of non-conforming work.
- Proceed with work, submit signed T&M back-up daily, unless PCO is provided prior and approved.
The District reserves all rights and remedies under the contract.
- Proceed with work, work considered in scope of contract.
- Proceed with the work in accordance with the proposal CE dated, 2021 in the amount of \$. x-day Time Extension.
The work will be added to the contract by change order only when and not until any contract time adjustment has been agree to.
The District reserves all its rights and remedies under the contract.

By *Eric Benzer*
VanirCM, Inc. Construction Manager

5/27/2021
Date

By *Mark G...*
Chabot College Campus Project Planner/Mgr.

05/27/2021
Date

CE 17209
670



B.T. Mancini Co., Inc.

876 S. Milpitas Blvd.
P.O. Box 361930
Milpitas, Ca 95036-1930
408-942-7900 / Fax: 408-945-1360
www.btmancini.com

CA Contractors Lic. #229210
NV Contractors Lic. #0010497

TO:	W.A. Thomas Co	Date:	5/26/21
	Attn: Tonya Fowler 925-723-2483	NAME OF JOB:	Chabot College B2100
	Sent via email	LOCATION:	
		PLANS BY:	
		DATE OF PLANS:	

We propose to (furnish , furnish and install , install only) the following for the above project in accordance with the following terms and conditions and those appearing on the reverse side of this sheet.

Scope of Work: Friday 5/28/21

Work to be perform on Friday 5/28/21 Union's Designated Day Off is overtime pay for all installers

RT \$121.51 OT \$159.26 DT \$197.01

Labor 24 hours @ \$37.75/hr differential= \$906.00

TOTAL add to contract: \$906.00

÷ 1.12 = \$809 COST

QUOTATION ACCEPTANCE:

This quotation, unless otherwise noted, will remain in effect for 30 days from the above date. Upon acceptance by the Buyer and credit approval by B.T. Mancini Co., Inc. this instrument shall constitute a binding contract. In the event the Buyer elects to issue his own purchase order or contract based on this quotation, the conditions contained herein shall be deemed to be incorporated in said purchase order or contract. This proposal expressly limits acceptance to the terms of The General Conditions of Sale contained herein. No terms additional or different from the General Conditions will be accepted, including, but not limited to, any terms which establish a "condition precedent" to the Buyer making payment to the Seller other than any "condition precedent" already contained in this proposal.

The undersigned hereby accepts this proposal and states that he has read the General Conditions of Sale on the reverse side.

Accepted _____
(Herein referred to as the "Buyer")

B.T. MANCINI CO., INC.

By _____

By Nia Nguyen

_____ Date _____

_____ Date _____

GENERAL CONDITIONS OF SALE

1. **Definitions** - The word "Seller" as used herein means B.T. Mancini Co., Inc. and the word "Buyer" means the purchaser of material and services hereunder from the Seller.
2. **Safety** - The Seller will take reasonable care to insure that no unsafe conditions are created by the Seller's work, but assumes no liability for injuries for which the Seller would not otherwise be responsible. The Seller agrees to notify the Buyer upon discovery of any hazardous condition which is correctable; however, failure to give such notice shall not create any liability on the Seller's part.
3. **Delay** - If the Seller's work is stopped or delayed due to causes beyond the control of the Buyer and not due to the fault of the Buyer, the Buyer shall not be liable to the Seller for such stoppage or delay, provided that if such stoppage or delay continues for more than thirty (30) days the Seller shall have the option to terminate this contract and the Seller shall be entitled to recover from the Buyer that portion of the work performed by the Seller, including reasonable overhead and profit. In the event the Seller's work is stopped or delayed because of the improper performance, lack of planning, negligence, or other fault of the Buyer and/or contractors under Buyer's control, the Seller shall be entitled to reimbursement of all actual costs incurred, plus 15% overhead and 10% profit and compensation for reasonable field overhead and home office overhead (calculated according to the Eichleay formula) expenses arising out of such stoppage or delay, and in addition may, after such stoppage or delay has continued for more than thirty (30) days, terminate this contract and exercise all rights and remedies existing under the laws of the State of California. Stoppage or delay shall be presumed to be the fault of the Buyer until shown otherwise.
4. **Indemnification** - The Seller agrees to hold harmless the Buyer against claims or obligations arising out of acts or omissions of the Buyer and/or contractors under Buyer's control.
5. **Attorneys' Fees** - In the event suit is brought by either party to this contract to enforce the terms or to collect money damages for breach thereof, the prevailing party shall be entitled to reasonable attorney's fees, expert or consulting fees, court costs, costs of investigation, and other related expenses incurred in connection with such suit.
6. **Prompt Performance** - The Seller shall make reasonable efforts to perform the work promptly in accordance with the terms of this contract, but shall not be liable for delay arising from strikes, lockouts, fire, earthquake, war, governmental acts, Acts of God, or other events beyond the control of the Seller, whether effecting the production, loading, transportation, delivery or installation of material or the performance of labor.
7. **Transportation and Claims** - Claims by the Buyer for shortages or for improper, defective or damaged material must be made in writing specifying in detail the nature and extent of the shortage, defect or damage within five (5) days of delivery, accompanied, in the case of claim for shortage or damage, by the original freight bill with a notation on the face thereof by local agent of the carrier as to the items and quantity short or damaged. Risk of damage shall be on the Buyer when materials are delivered to a common carrier F.O.B. shipping point. Title to material to remain with Seller until payment is made in full by Buyer.
8. **Limitation on Claims** - Any claim by the Buyer whether for breach of contract, property damage, or personal injury based on faulty materials or workmanship must be made in writing within one (1) year of substantial completion of the work, or such claim shall be deemed forever waived.
9. **Protection and Security** - The Buyer shall take reasonable steps to protect material, tools and equipment installed and/or stored at the job site from damage, vandalism and theft, and shall provide, as appropriate, security guards and secure storage areas. Damaged or stolen materials shall be the responsibility of the Buyer.
10. **Assignment** - The Buyer shall not assign his rights under this contract, in whole or in part, without the written consent of the Seller.
11. **Bankruptcy** - In the event the Buyer is adjudicated bankrupt or files a voluntary petition in bankruptcy, makes an assignment for the benefit of creditors or applies for or consents to the appointment of a trustee or receiver over a substantial part of the Buyer's property, the Seller shall have the right to terminate the contract and collect for all work performed hereunder.
12. **Payment** - The Buyer shall pay the Seller according to the following schedule:
 - (a) For materials delivered to the job, the cost of those materials shall be paid by the 10th of the month following delivery.
 - (b) For installation, 90% of the value of the work performed in any month shall be paid by the 10th of the following month.
 - (c) Retention shall be paid within thirty (30) days of the completion and acceptance of the Seller's work. The benefit of any reduction of the retention under the prime contract (for example, from 10% to 5%) will be passed proportionally on to the Seller.
 - (d) Buyer shall not make any payment to Seller in the form of a joint check, or any other type of payment other than payment solely in the name of Seller, unless agreed to by the Seller in writing.Any sums not paid when due shall bear a late charge at the rate of one and one half percent (1½%) per month, annual percent rate 18%, until paid provided that if such rate of late charge is not permitted by law, the highest legal rate shall be charged. In the event payment is not made as provided herein, the Seller shall have the right to withhold further material and labor until payment is made, or to terminate this contract and receive damages, until paid. If payment is not made as provided herein, the Seller may stop work and ultimately terminate the contract upon five (5) days written notice to the Buyer.
13. **Job Conditions** - Unless otherwise stated herein, the working surfaces and job conditions shall be in a satisfactory state ready to receive the application of the Seller's materials upon the Buyer's notice to commence work. Seller is entitled to rely on Buyer's notice to commence work as representation that Buyer has carefully inspected and approved the work performed by others that it is to receive, align, abut or similarly relate to the work of the Seller.
14. **Penalties and Backcharges** - No backcharges, penalties, liquidated damages or other deductions against the price set forth herein may be claimed unless the item involved has been (1) previously authorized and specifically approved in writing by the Seller, and (2) invoiced no later than thirty (30) days after the cost is established, provided that in no event will it be invoiced less than five (5) days before filing of the Notice of Completion. Lack of compliance with the foregoing shall constitute a waiver of the charge. Seller shall have a reasonable opportunity to cure any claimed defect.
15. **Extra Work** - For any changes to the scope of work as provided herein, the Buyer will provide the Seller with appropriate written change order prior to the Seller proceeding. The Seller will be paid for extra work on the basis of actual direct costs, including taxes and insurance, plus 15% overhead and 10% profit unless otherwise provided for. Seller is not obligated to perform any changes to the scope of work until it receives a written change order from the Seller and the price for the extra work and/or any time extension required by the extra work are agreed to by both parties.
16. **Bonds** - Unless specifically included, the cost of any required surety bonds shall be paid for by the Buyer.
17. **Escalation** - The Seller's price is based on completion of the Seller's portion of the work by the schedule as indicated in the contract documents or as otherwise described herein. In the event the project is delayed, through no fault of the Seller, the prices for materials and labor shall be adjusted by the actual increases.
18. **Contract and Credit Acceptance** - All contracts are subject to approval and acceptance by authorized managerial employees of the Seller. Acceptance of contracts and shipments and performance of work hereunder, shall at all times be subject to the Seller's credit approval, and the Seller reserves the right to require full or partial payment in advance if, in the Seller's opinion, the financial condition of the Buyer does not justify continued performance on the terms specified.
19. **Material Approval** - Samples furnished by the Seller, when approved by the Buyer or Architect, shall be deemed the correct interpretation of the materials to be furnished.
20. **Inspection and Acceptance** - Upon completion, the Buyer shall promptly inspect the Seller's work and materials. Failure of the Buyer to give approval or reject the Seller's work and materials within ten (10) days after completion, stating in detail, reasons for the rejection, if any, shall constitute complete and final acceptance of Seller's work and materials.
21. **Labor Rates and Working Conditions** - The contract price is based on a normal working day at straight time hourly rates prevailing in the area where the work is to be done. If the Buyer requests overtime work, the price shall be adjusted accordingly to cover the resulting additional costs, including the actual increase in wages, taxes, insurance, overhead at 15% and profit at 10%. The contract price is further based on the Seller's labor working full time continuously without interruption during regular working hours until completion of the work and the Buyer shall pay all actual additional expense incurred by the Seller for idle time, overtime, traveling, and equipment set-up occasioned by interruption within the Buyer's control.
22. **Insurance and Liability for Damage** - The Seller carries comprehensive general liability and workers' compensation insurance and will furnish proof thereof upon request. Loss or damage to materials and work resulting from Acts of God, weather, fire, flood, windstorm, other trades or any other risk not caused by the Seller, shall be the Buyer's responsibility, and the Buyer shall indemnify and hold the Seller harmless from loss by reason thereof.

CONTRACTORS ARE REQUIRED BY LAW TO BE LICENSED AND REGULATED BY THE CONTRACTORS' STATE LICENSE BOARD. ANY QUESTIONS CONCERNING A CONTRACTOR MAY BE REFERRED TO THE REGISTRAR OF THE BOARD WHOSE ADDRESS IS: CONTRACTORS' STATE LICENSE BOARD, 9821 BUSINESS PARK DRIVE, SACRAMENTO, CALIFORNIA 95827 OR www.csib.ca.gov.