



Ventura County Community College District
761 East Daily Drive, Camarillo, CA 93010
Purchasing Department

TO: All Bidders May 19, 2020
FROM: Janice Kisch, Purchasing Specialist
SUBJECT: Bid 537 Ventura College Learning Resource Center Chiller Replacement

Bid 537 Ventura College LRC Chiller Replacement – ADDENDUM 1

This addendum is hereby made a part of the contract documents to the same extent as though it was originally included therein and takes precedence over the original documents.

Note that the Bid Proposal Form requires acknowledgement of receipt of all addenda.

It is the responsibility of the Bidder to verify that their Bid Proposal and all addenda has been **received and delivered to the VCCCD Purchasing Department prior to the bid opening date and time.** Verification of receipt can be obtained through the listed Purchasing Specialist.

New Information:

1. Demo existing bird netting and install new ¾” Polyethylene bird netting with cable system. Existing hooks may be re-used. Provide zippered opening for roof access ladder.

2. Add Alternate to the Bid Proposal. This Alternate is not to be included in the Base Bid Amount for the bid and is a Alternate if the College chooses to add these units: Provide and install at two new VFD’s at AHU-1’s control enclosure. AHU 1 is located on the roof near the chillers.

Schedule

1. ABB Model ACH580-BCR-023A-4+B056+J429. 6 pulse drive package with NEMA 12 enclosure and E-Clipse Bypass. 15 HP.

2. ABB Model ACH580-BCR-023A-4+B056+J429. 6 pulse drive package with NEMA 12 enclosure and E-Clipse Bypass. 40 HP.

Installation shall include factory start-up and connection to existing power, motor, controls, programming and all necessary wire, conduit, and connections. Included is demolition and disposal of existing VFD’s.

3. Bid Proposal Form Section 00210 is Revised as Rev 05/19/20. This form section follows here and should be used as your final bid proposal.

4. All submittals shall be provided for review within 21 days of contract award.

Clarifying Information: (Revised Plan Drawings Follow)

- A. Replace M1.0 with M1.0 Addendum 1 dated 5-14-20
Added Factory Supplied Circuit Breaker
 - B. Replace M2.0 with M2.0 Addendum 1 dated 5-14-20
Revised piping and electrical notes
 - C. Replace M2.1 with M2.1 Addendum 1 dated 5-14-20
Added detail 5
- Replace M3.0 with M3.0 Addendum 1 dated 5-14-20
Revised butterfly valve style

Response to Questions from Bidders

Question #1. Are we proposing a bid for a Trane option or a York option? Both options are stated in the drawings.

Answer. Provide bid for Trane chiller only. As stated at the job walk Microchannel condenser is not acceptable.

Question #2. Prints state an entire flush of the chilled water loop. Is it only from the POC and new piping and new chiller evaporator? Is there a specific vendor the college would like us to use for this task along with water treatment?

Answer – Entire building chilled water system shall be cleaned, flushed, and new chemical treatment added to appropriate levels. Contractor may use any qualified vendor for this task.

Question #3 Pipe arrangement on prints doesn't match what's on site.

On chiller #1 it shows CHWS going through the back of chiller when in reality it goes under the chiller. What's the actual POC?

The prints show CHW pump discharge on both are piped to chiller #1?

Answer – The new piping connections are at the back of the Trane chiller. There is a common supply that branches to each chiller that shall be adapted to the new arrangement. Each chiller has dedicated supply piping to their respective primary pumps. New piping is required from chiller to point of connection to the existing piping. See P2.1 Addendum 1 (delta 2)

Question #4 Electrical disconnect for each chiller (480 volt 300 amp) is more than 20 lbs. That being said, would you still like us to mount the disconnect on the chiller?

Answer - Delete disconnect. Add high fault circuit breaker option on Trane chiller. See M1.0 Addendum 1 (delta2)

Question #5 Prints state to use Waffer Butterfly valve. Currently there is lug style valve. Which type of valve would you like us to provide and install?

Answer – Provide and install lug style.

Question #6 If grove fittings are used, what is the preferred brand?

Answer - Victaulic or equal

Question #7 - Per Spec section 15545.3.01 F Entire building hydronic system shall be flushed, cleaned, and re-treated. All equipment, including VAV, strainers shall be cleaned and re-installed. Please provide the total count of strainers on this system.

Answer - Deleted strainer cleaning requirement.

Question #8 Dwg Ref: E2.2 & E4.5 Current drawings state to remove existing electrical equipment and to reinstall once chillers have been replaced. Can you confirm that the only electrical equipment being replaced is the 300 amp fuses in the existing to remain disconnects. Can you confirm no new disconnect supports (Unistrut) is needed for install?

Answer. Demo any disconnects on existing chiller. New chillers shall have factory installed circuit breakers. Add permanent tag “LOCKOUT CHILLER AT MCC PRIOR TO WORKING ON ANY POWER ELEMENTS” Some strut may be required for conduit installation.

Question #9 - Can you confirm all work including shutdowns can take place during normal working hours?

Answer - Work can take place during normal working hours, any shutdowns that impact service to the building systems can occur during normal working hours if contractor submits request for shutdown 3 working days (Mon. – Fri.) prior to activity and upon approval by Owner; Saturday and Sunday will not count within the 3 day count. The same timeframe of request and approval will apply to the actual removal and installation of the Chillers. The actual work of lifting existing chillers off and lifting new chillers on must occur on a Friday. In general, Fridays will be the least impactful days to the building occupants when it comes to shutdowns.”

Question #10 - Can you confirm that there is no temp chiller aspect to this project that would require a new electrical install that is not currently detailed in the drawings

Answer - No temporary chiller is required for this project.

Question #10 What is the Engineer’s estimate for this project?

Answer – Estimate is \$355,000

BID PROPOSAL

Section 00210

TO: **VENTURA COUNTY COMMUNITY COLLEGE DISTRICT**, a California Community College District, acting by and through its Board of Trustees ("District") 761 East Daily Drive, Suite 200, Camarillo, CA 93010.

FROM:

(Name of Bidder - as listed on license)

(Address)

(City, State, Zip Code)

_____ *(Telephone)* _____ *(Fax)*

(E-Mail Address)

(Name(s) of Bidder's Authorized Representative(s) and Title) (Date)

1.01 Bid Proposal

A. Bid Proposal Amount

Pursuant to and in compliance with the Notice to Contractors Calling for Bids, the Instructions for Bidders and the other documents relating thereto, the undersigned Bidder, having reviewed the Instructions for Bidders and all other Contract Documents and upon compliance with all requirements therein with reference to the submittal of this Bid Proposal, hereby proposes and agrees to perform the Contract including, without limitation, all of its component parts; to perform everything required to be performed; to provide and furnish any and all of the labor, materials, tools, equipment, applicable taxes, and services necessary to perform the work of the Contract in strict compliance with the Contract Documents and complete in a workmanlike manner all of the Work required for the Project described as:

Bid 537 Ventura College Learning Resource Center Chiller Replacement

Base Bid Amount: \$ _____
(Total bid amount in figures)

(Total bid amount in words)

Add Alternate 1: Two New VFD Units: \$ _____
(Per Addendum 1, not included in Base Bid Amount) (Alternate amount in figures)

(Alternate amount in words)

C. Acknowledgment of Bid Addenda

In submitting this Bid Proposal, the undersigned Bidder acknowledges receipt of all Bid Addenda issued by or on behalf of the District, as set forth below. The Bidder confirms that this Bid Proposal incorporates and is inclusive of, all items or other matters contained in Bid Addenda.

_____ **No Addenda Issued**
(initial)

_____ **Addenda Nos. _____ received, acknowledged and**
(initial) **incorporated into this Bid Proposal.**

1.02 Rejection of Bid; Holding Open of Bid

It is understood that the District reserves the right to reject this Bid Proposal and that this Bid Proposal shall remain open and not be withdrawn for the period of time specified in the Call for Bids, except as provided by law.

1.03 Documents Comprising Bid Proposal

The undersigned Bidder has submitted as its Bid Proposal the following: Bid Proposal (00210), List of Subcontractors (00215), Non-Collusion Affidavit (00220), Statement of Bidder’s Qualifications (00240), Bid Security (Cash, Cashier’s Check, Certified Check or Bid Bond (00260) and Verification of DIR Registration.

The Bidder acknowledges that if this Bid Proposal and the foregoing documents are not fully in compliance with applicable requirements set forth in the Call for Bids, the Instructions for Bidders and in each of the foregoing documents, the Bid Proposal may be rejected as non-responsive.

1.04 Award of Contract

It is understood and agreed that if written notice of the acceptance of this Bid Proposal and award of the Contract thereon is mailed or delivered by the District to the undersigned after the opening of Bid Proposals and within the time this Bid Proposal is required to remain open or at any time thereafter before this Bid Proposal is withdrawn, the undersigned will execute and deliver to the District the Agreement in the form attached hereto in accordance with the Bid Proposal as accepted within seven (7) calendar days after notification of acceptance and award. Concurrently with delivery of the executed Agreement to the District, the Bidder awarded the Contract shall deliver to the District: (1) the Labor and Material Payment Bond; (2) the Performance Bond; (3) the Drug-Free Workplace Certificate; (4) Certificates of Insurance evidencing all insurance coverages required to be provided under the Contract Documents; and (5) the Certificate of Workers’ Compensation Insurance. The Work under the Contract Documents shall be commenced by the undersigned Bidder, if awarded the Contract, on the date stated in the District's Notice to Proceed issued pursuant to the Contract Documents.

Completion of the Work and all Interim Milestones shall be achieved within the Contract Time and Interim Milestones specified in the Contract Documents.

1.05 Notices

All notices or other correspondence shall be addressed to the District and the Bidder at their respective addresses set forth herein. Notices shall be effective only if in writing and in conformity with the requirements for service of notices set forth in the Contract Documents.

1.06 Contractor's License

The undersigned Bidder is currently and duly licensed in accordance with the California Contractors License Law, California Business & Professions Code §§7000 et seq., under the following:

License Number: _____
Class _____ Expiration Date _____ Class _____ Expiration Date _____
Class _____ Expiration Date _____ Class _____ Expiration Date _____

DIR Registration Number: _____ Expiration Date: _____

By executing this Bid Proposal, the Bidder hereby certifies that: (a) it is duly licensed, in the necessary class(es), for performing the Work of the Contract Documents; (b) that such license shall be in full force and effect throughout the duration of the performance of the Work under the Contract Documents; and (c) that all Subcontractors providing or performing any portion of the Work of the Contract Documents shall be so similarly and appropriately licensed to perform or provide such portion of the Work.

1.07 Designation of Subcontractors

In compliance with the Subletting and Subcontracting Fair Practices Act (California Public Contract Code §§4100, et seq.) and amendments thereof, each Bidder shall set forth in the Subcontractors List: (a) the name and location of the place of business of each Subcontractor who will perform work or labor or render services to the Bidder in or about the construction of the Work to be performed under the Contract Documents in an amount in excess of one-half of one percent (0.5%) of the Bidder's Bid Proposal; and (b) the trade and/or portion of the Work which will be performed by each listed Subcontractor. The Bidder shall list only one Subcontractor for each trade and/or portion of the Work as is defined by the Bidder in its Bid Proposal. If a Bidder fails to list a Subcontractor for a portion of the work in excess of one-half of one percent (0.5%) of the Bidder's Bid Proposal or if the Bidder specifies more than one Subcontractor for the same portion of Work to be performed under the Contract Documents valued in excess of one-half of one percent (0.5%) of the Bidder's Bid Proposal amount, the Bidder shall be deemed to have agreed that it is fully qualified to perform that portion of the Work itself and that it shall perform that portion of the Work.

1.08 Confirmation of Figures

By submitting this Bid Proposal, the Bidder confirms that it has checked all of the above figures and understands that neither the District nor any of its agents, employees or representatives shall be responsible for any errors or omissions on the part of the undersigned Bidder in preparing and submitting this Bid Proposal.

1.09 Acknowledgment and Confirmation

The undersigned Bidder acknowledges its receipt, review and understanding of the Drawings, the Specifications and other Contract Documents pertaining to the proposed Work. The undersigned Bidder certifies that the Contract Documents are, in its opinion, adequate, feasible and complete for providing, performing and constructing the Work in a sound and suitable manner for the use specified and intended by the Contract Documents. The undersigned Bidder certifies that it has, or has available, all necessary equipment, personnel, materials, facilities and technical and financial ability to complete the Work for the amount bid herein within the Contract Time and in accordance with the Contract Documents. The undersigned Bidder certifies that its bid amount includes funds sufficient to allow the Bidder to comply with all applicable local, state and federal laws and regulations governing the labor and services to be provided for the performance of the Work of the Contract and shall indemnify, defend and hold District harmless from and against any and all claims, demands, losses, liabilities and damages arising out of or relating to Bidder's failure to comply with applicable law in this regard.

By: _____
(Signature & Date)

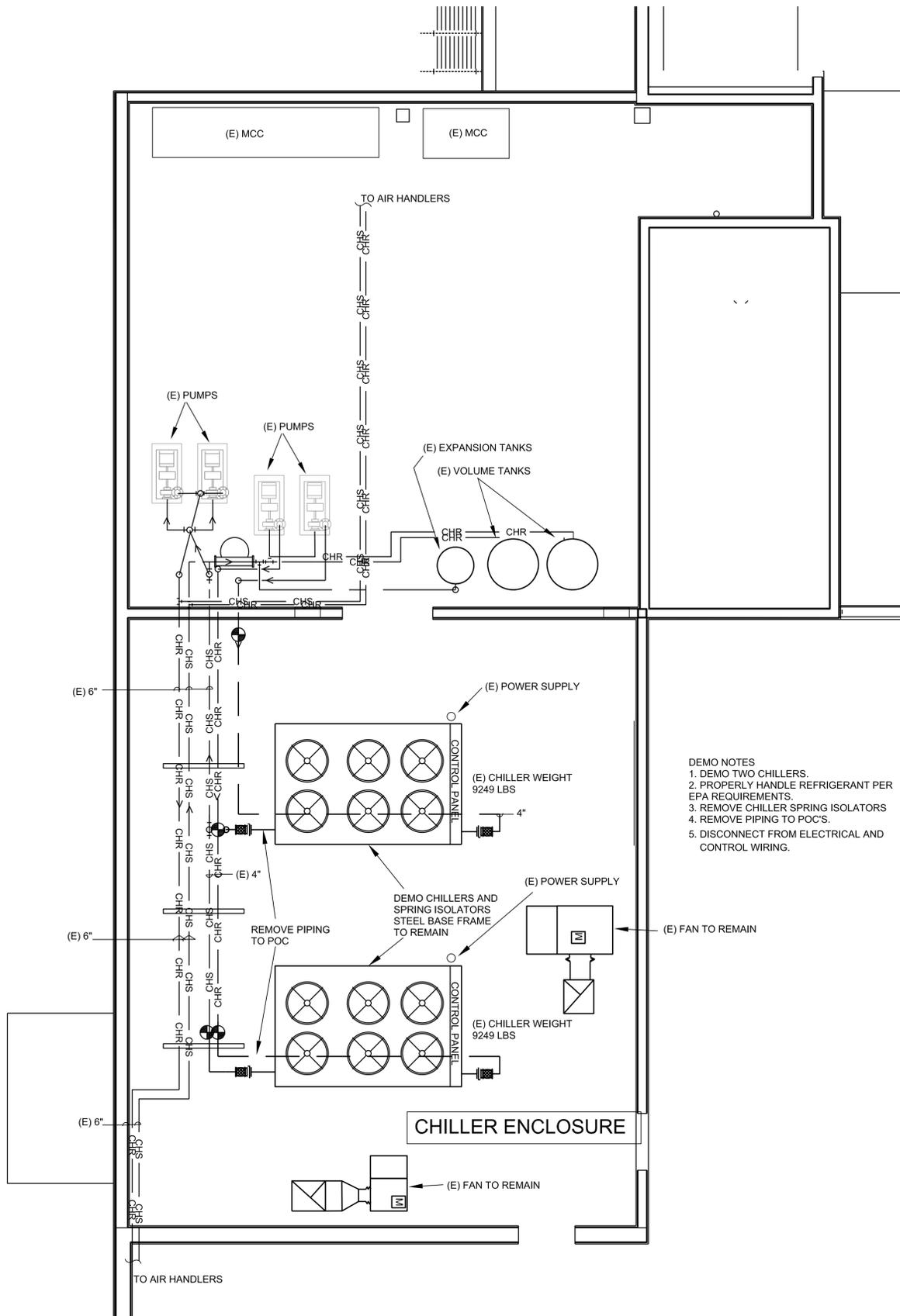
(Corporate Seal)

(Typed or Printed Name of Bidder's Authorized Representative)

Title: _____

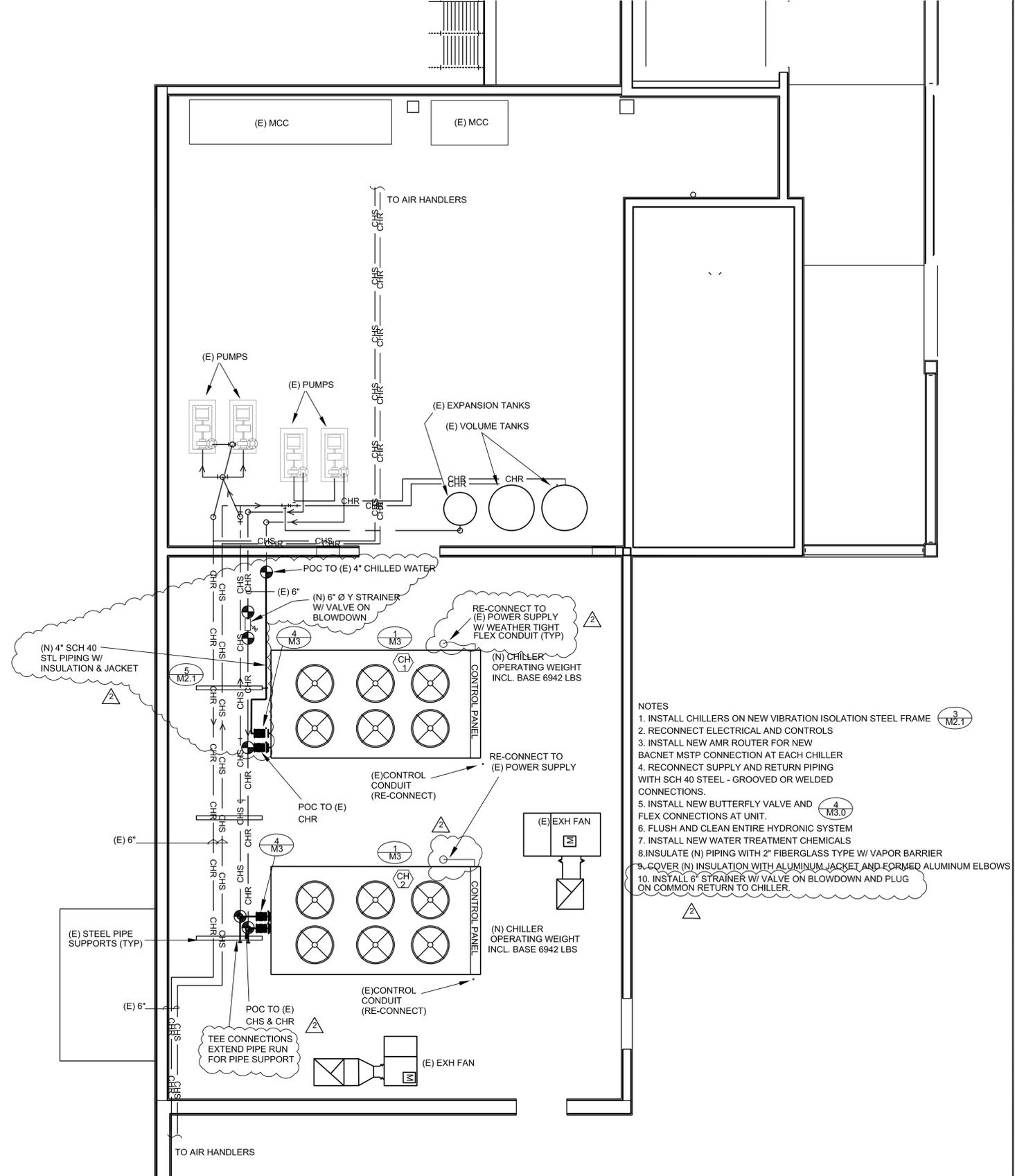
Date: _____

[End Of Section]



DEMO NOTES
 1. DEMO TWO CHILLERS.
 2. PROPERLY HANDLE REFRIGERANT PER EPA REQUIREMENTS.
 3. REMOVE CHILLER SPRING ISOLATORS
 4. REMOVE PIPING TO POC'S.
 5. DISCONNECT FROM ELECTRICAL AND CONTROL WIRING.

1
M2.0
MECHANICAL DEMO ROOF PLAN
 SCALE: 1/4"=1'0"



NOTES
 1. INSTALL CHILLERS ON NEW VIBRATION ISOLATION STEEL FRAME (M2.T)
 2. RECONNECT ELECTRICAL AND CONTROLS
 3. INSTALL NEW AMR ROUTER FOR NEW BACNET MSTP CONNECTION AT EACH CHILLER
 4. RECONNECT SUPPLY AND RETURN PIPING WITH SCH 40 STEEL - GROOVED OR WELDED CONNECTIONS.
 5. INSTALL NEW BUTTERFLY VALVE AND FLEX CONNECTIONS AT UNIT. (M3.0)
 6. FLUSH AND CLEAN ENTIRE HYDRONIC SYSTEM
 7. INSTALL NEW WATER TREATMENT CHEMICALS
 8. INSULATE (N) PIPING WITH 2\"/>

2
M2.0
MECHANICAL ROOF PLAN
 SCALE: 1/4"=1'0"

DRAWN BY	TP/HAM
CHECKED BY	PW/HAM
DIRECTOR OF MAINTENANCE	PLAN REVIEWED AND APPROVED
DATE	

AE Group
Mechanical Engineers, Inc.
 838 East Front Street
 Ventura, California 93001
 (805) 653-1722 FAX: (805) 653-7260
 hugh@aegroupme.com

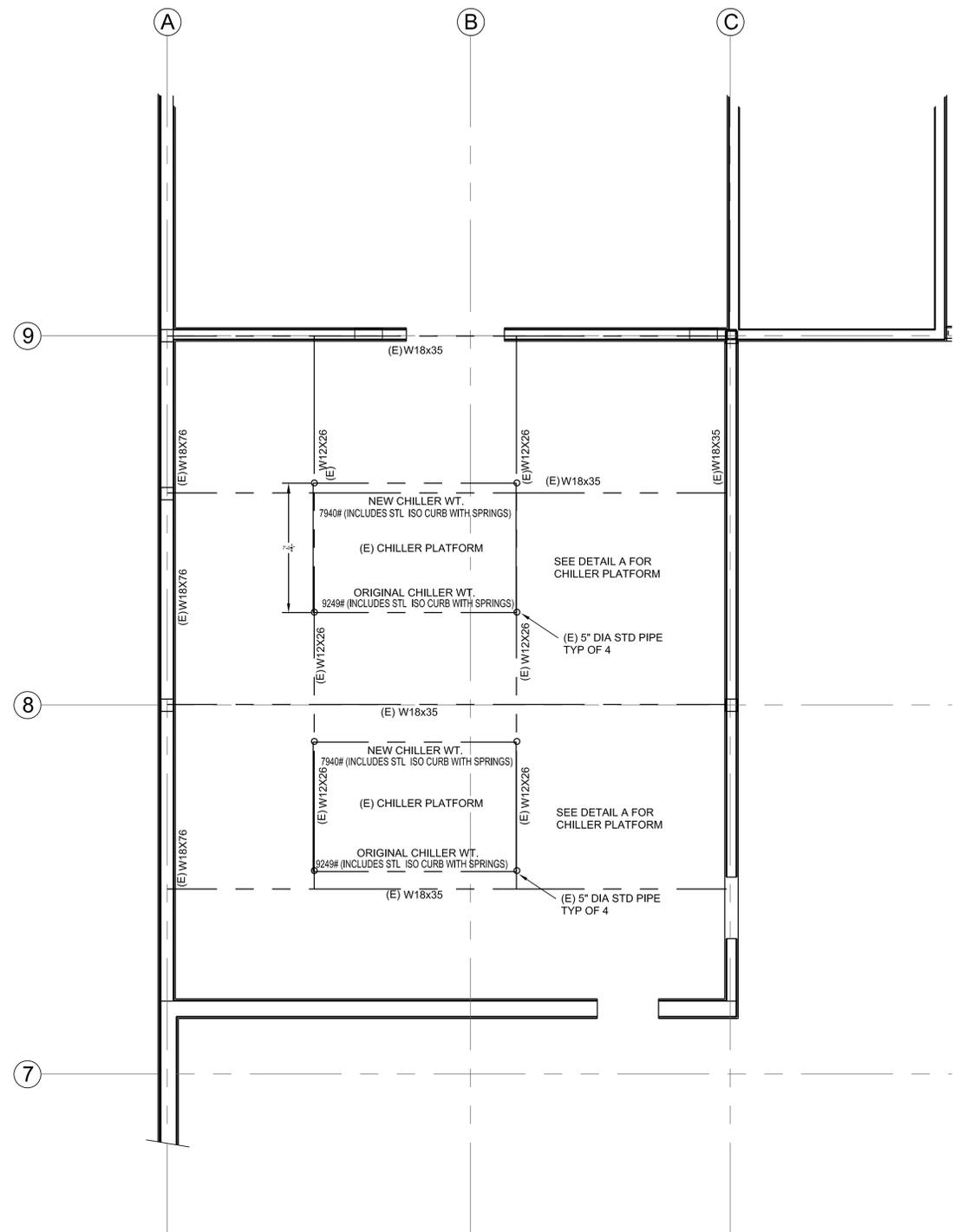


VENTURA COLLEGE
 4667 TELEGRAPH ROAD, VENTURA, CALIFORNIA 93003
 VENTURA COUNTY COMMUNITY COLLEGE DISTRICT

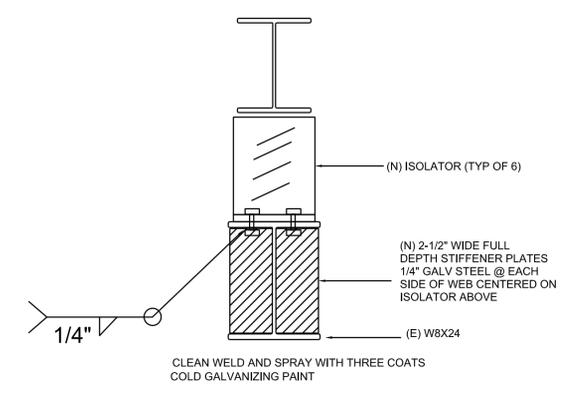
DEPARTMENT OF
 MAINTENANCE AND OPERATIONS
 71 DAY ROAD
 VENTURA, CALIFORNIA 93003
 PHONE: (805) 654-6340 FAX: (805) 648-8953

SCALE:
 AS SHOWN
 DATE:
 5/6/17
 BLDG. NO.

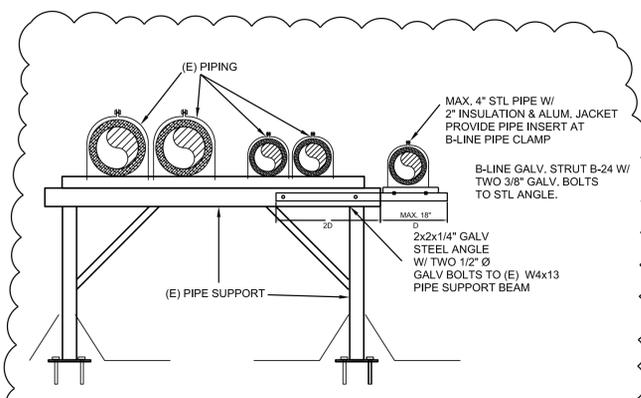
LEARNING RESOURCE CENTER
 HVAC REPLACEMENT PROJECT
 DEMOLITION AND
 MECHANICAL PLANS
 SHEET NO.
M2.0



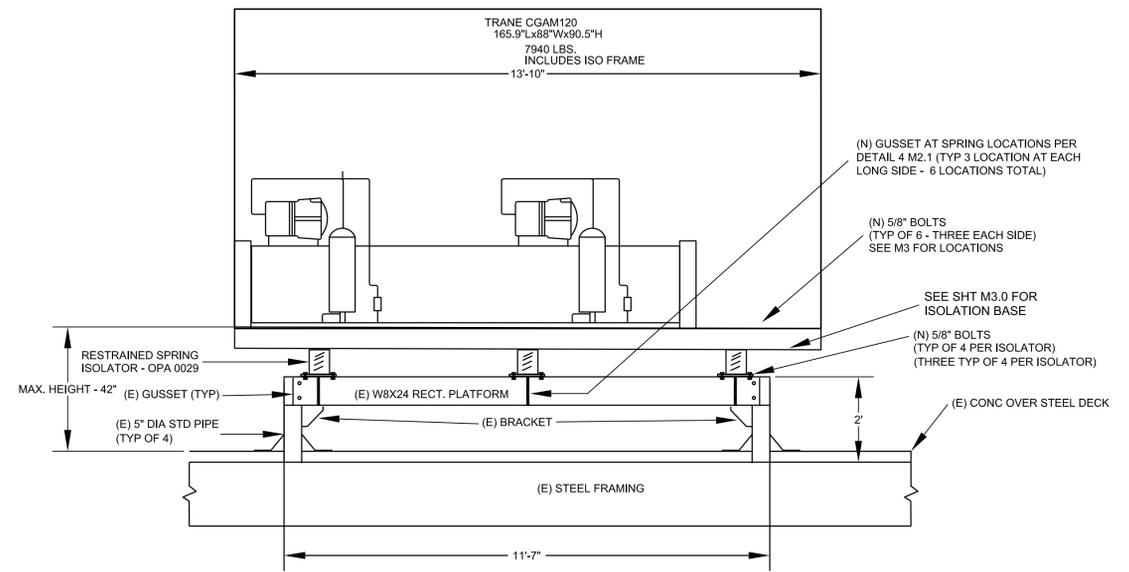
1
M2.1
EXISTING STEEL FRAMING @# CHILLERS
SCALE: 1/4"=1'0"



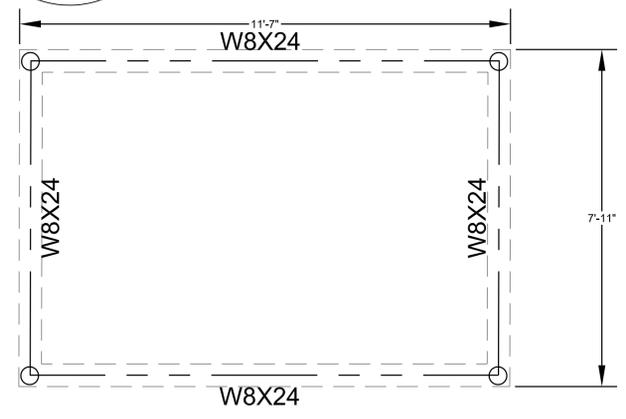
4
M2.1
WEB STIFFENER DETAIL
NO SCALE



5
M2.1
PIPE SUPPORT DETAIL
NO SCALE



3
M2.1
CHILLER PLATFORM SIDE ELEVATION
SCALE: 1/2"=1'0"



2
M2.1
EXISTING CHILLER PLATFORM (TYP OF 2)
SCALE: 1/4"=1'0"

DRAWN BY	TP/HAM	DATE	10-21-18	REVISIONS	TRANE CHILLER
CHECKED BY	PW/HAM	DATE	5-14-20	REVISIONS	ADDENDUM 1
DIRECTOR OF MAINTENANCE PLAN REVIEWED AND APPROVED					
DATE _____					

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
hugh@aegroupme.com



V E N T U R A C O L L E G E
4 6 6 7 T E L E G R A P H R O A D , V E N T U R A , C A L I F O R N I A 9 3 0 0 3
V E N T U R A C O U N T Y C O M M U N I T Y C O L L E G E D I S T R I C T

DEPARTMENT OF
MAINTENANCE AND OPERATIONS
71 DAY ROAD
VENTURA, CALIFORNIA 93003
PHONE: (805) 654-6340 FAX: (805) 648-8953

SCALE:	AS SHOWN
DATE:	5/6/17
BLDG. NO.	

LEARNING RESOURCE CENTER
HVAC REPLACEMENT PROJECT
EXISTING FRAMING AND CHILLER ANCHORAGE

SHEET NO.
M2.1

