LOS RIOS COMMUNITY COLLEGE DISTRICT

1919 Spanos Court, Sacramento, CA 95825 Phone (916) 568-3071 FAX (916) 568-3145 Purchasing Department

Sacramento City College American River College Cosumnes River College Folsom Lake College

ADDENDUM NO. 1

ISSUE DATE: AUGUST 12, 2019

ARC BOILER REPLACEMENT PHASE 2

LRCCD BID NO. 19027

Issued By:

LOS RIOS COMMUNITY COLLEGE DISTRICT 1919 Spanos Court, Sacramento, CA 95825 Phone (916) 568-3071 Fax (916) 568-3145

This addendum forms a part to the Contract Documents. The addendum items supersede and supplement all portions of the bidding documents with which it conflicts. All workmanship, materials, appliances and equipment which may be included in the following addendum items shall be of the same relative quality as described for similar work set forth in the general or main specifications of which these addendum items shall be considered a part.

This Addendum has been acknowledged in the space provided on the Bid Form and is considered part of the bid documents.

This Addendum consists of 5 pages.

- Remove & replace page 1 of Specification Section 01 1100 Summary of Work
- Remove & replace drawing cover sheet M0.0 (scope of work)
- Remove & replace sheets M5.1 and M5.2

END OF SECTION.

SECTION 01 1100 - SUMMARY OF WORK

PART 1 GENERAL

- 1.1 SECTION INCLUDES:
 - A. Work Covered by Contract Documents.
 - B. Work by Others.
 - C. Contractor Use of Premises.

1.2 WORK COVERED BY CONTRACT DOCUMENTS:

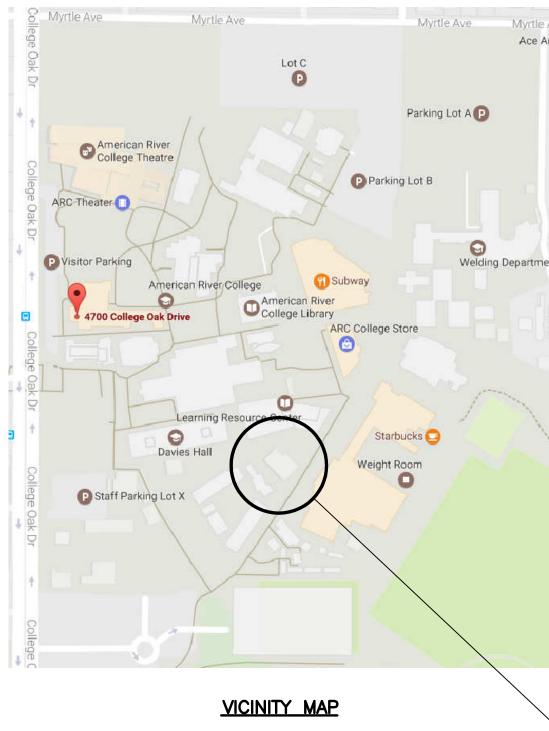
A. Outline of Work: The work to be performed by Contractor shall conform to the requirements of the Contract Documents, including but not limited to, the General Conditions, specifications, drawings, and other related documents, and include the furnishing of all labor, materials, tools, equipment, plant, and services necessary therefore and incidental thereto to complete the project. Remove existing boilers B-2 and B-3. Remove existing boiler pumps B-2, B-3, C-2 and C-3. Remove and replace all associated piping and controls. Install District provided new boiler (B-3), provide and install infrastructure for future boiler B-2. Provide and install new pumps HWP-3, HWP-4 and HWP-5, new air separator, new 12 inch hot water piping loop and associated piping for the new pumps, gas and drain piping as required and all associated work shown in the contract documents.

Additional Project Requirements - Coordinate all work to insure that Boiler #1 shall be fully operational not later than October 18th, 2019.

- B. Project Completion Date: All work shall be completed within **90** calendar days after the construction start date specified in the Notice to Proceed.
- C. Work Not Included: Except for such auxiliary work as shown or specified, or is necessary as part of the construction, the following is NOT included in this contract: Any work shown but marked "Not In Contract" (NIC) or otherwise designated to be done under another Contract or by the District.
- D. Location of Site: The site of the work is located at **4700 College Oak Dr., Sacramento, Ca. 95841.**

1.3 CONTRACT METHOD

- A. Construct the Work under a single Lump Sum Contract.
- 1.4 CONTRACTOR USE OF PREMISES
 - A. Contractor shall have use of the premises as described in the Construction drawings for access to and the execution of the Work. Portion of the site beyond areas in which construction operations are indicated are not to be disturbed.
 - B. Coordinate use of the premises with the acceptance of the District's Project Manager.
 - C. Assume full responsibility for the protection and safekeeping of products under this Contract, stored on the site.
 - D. Schedule deliveries so as to minimize space and time requirements for storage of



	MECHAN
P P 1 T N C S V M M	PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUT PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUT PRESCRIBED IN ASCE 7–10 SECTION 13.3 AS 616A.1.24, 1616A.1.25 AND 1616A.1.26. THE METHOD OF SHOWING BRACING AND ATTAC NOTED BELOW. WHEN BRACING AND ATTACHM OPM), COPIES OF THE BRACING SYSTEM INSTA START OF AND DURING THE HANGING AND BR/ /ERIFY THE ADEQUACY OF THE STRUCTURE TO MECHANICAL PIPING (MP), MECHANICAL DUCTS MP MD PP E – OPTION 1: DETAILED ON MP MD PP E – OPTION 2: SHALL COMPL ANY ADDENDA SEISMIC RESTI PROJECT SPEC SEISMIC HAZA CONDITIONS.
•	THE INTENT OF THESE DRAWINGS AND S RECONSTRUCTION IS TO BE IN ACCORDAN CONDITIONS SUCH AS DETERIORATION OR THE CONTRACT DOCUMENTS WHEREIN TH REGULATIONS, A CHANGE ORDER, OR A S REQUIRED WORK SHALL BE SUBMITTED T WITH THE WORK.
•	1 COPY OF 2016 TITLE 24, PARTS 1-5 MU
•	FABRICATION AND INSTALLATION OF DEFERRED SPECIFICATIONS, AND ENGINEERING CALCULAT BY THE ARCHITECT OR STRUCTURAL ENGINEE
•	CHANGES TO THE APPROVED DRAWINGS AND DOCUMENT (CCD) APPROVED BY THE DIVISIO
•	A "DSA CERTIFIED" PROJECT INSPECTOR EMP CONTINUOUS INSPECTION OF THE WORK. TH
•	A DSA ACCEPTED TESTING LABORATORY DIRE AND INSPECTIONS FOR THE PROJECT.
•	THE INTENT OF THESE DRAWINGS AND SPEC IS TO BE IN ACCORDANCE WITH TITLE 24, C

CIFICATIONS IS THAT THE WORK OF THE ALTERATION. REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR).

AMERICAN RIVER COLLEGE 4700 COLLEGE OAK DRIVE SACRAMENTO, CA. 95841

BOILER REPLACEMENT PHASE II

NICAL GENERAL NOTES

UTION SYSTEMS BRACING NOTE:

UTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS S DEFINED IN ASCE 7-10 SECTION 13.6.5.6, 13.6.7, 13.6.8, AND 2016 CBC, SECTIONS

ACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS MENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., SMACNA OR OSHPD TALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE RACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL TO SUPPORT THE HANGER AND BRACE LOADS.

G (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E): I THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

PLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) #_____.

PLY WITH THE SMACNA SEISMIC RESTRAING MANUAL, OSHPD EDITION (2009), INCLUDING A. FASTENERS AND OTHER ATTACHMENTS NOT SPECIFICALLY IDENTIFIED IN THE SMACNA TRAINT MANUAL, OSHPD EDITION, ARE DETAILED ON THE APPROVED DRAWINGS WITH ECIFIC NOTES AND DETAILS. THE DETAILS SHALL ACCOUNT FOR THE APPLICABLE ARD LEVEL _____ AND CONNECTION LEVEL _____ FOR THE PROJECT AND

GENERAL NOTES

SPECIFICATIONS IS THAT THE WORK OF THE ALTERATIONS, REHABILITATION OR ANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING OR NON COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY HE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE TO AND APPROVED BY THE JURISDICTION HAVING AUTHORITY, BEFORE PROCEEDING

IUST BE KEPT ON SITE DURING CONSTRUCTION.

ED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, ATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED EER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT.

D SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGED ION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR. MPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE

THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. RECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS

	CONSULTANT	S	
DISCIPLINE	COMPANY NAME	PHONE	
MECHANICAL ENGINEERING	TURLEY & ASSOCIATES MECHANICAL ENGINEERS 2431 CAPITOL AVENUE SACRAMENTO, CA 95816 CONTACT: BRIAN PROVENCAL, M.E.	916-325-1065	916
ELECTRICAL ENGINEERING	THE ENGINEERING ENTERPRISE 1125 HIGH STREET AUBURN, CA 95603 CONTACT SCOTT WHEELER	(530)–886–8556	(530
STRUCTURAL ENGINEERING	BEVIER ENGINEERING 2479 SUNRISE BLVD GOLD RIVER, CA 95670 CONTACT: BILL BEVIER	(916) 631–3030	(916)
	CODE REQUIREN	/IENIS	
PROV	 IDE ALL WORK AND MATERIALS IN ACCORDANCE WI 2016 CALIFORNIA BUILDING STANDARDS ADMINI PART 1, TITLE 24, CALIFORNIA CODE OF 2016 CALIFORNIA BUILDING CODE PART 2, TITLE 24, CCR BASED ON 2012 INTERNATIONAL BUILDIN 2016 CALIFORNIA ELECTRICAL CODE PART 3, TITLE 24, CCR BASED ON THE 2011 NATIONAL ELECTR 2016 CALIFORNIA MECHANICAL CODE PART 4, TITLE 24, CCR BASED ON THE 2012 UNIFORM MECHAN 2016 CALIFORNIA PLUMBING CODE PART 5, TITLE 24, CCR 	STRATIVE CODE F REGULATIONS (CCF NG CODE (IBC) ICAL CODE (NEC)	

PART 5, TITLE 24, CCR BASED ON THE 2012 UNIFORM PLUMBING CODE (UPC) 2016 CALIFORNIA FIRE CODE PART 9, TITLE 24, CCR N/A, SEE CSFM LETTER THIS SHEET

SCOPE OF WORK

{REMOVE EXISTING BOILERS B-2 & B-3. REMOVE EXISTING BOILER PUMPS B-2, B-3, C-2 AND C-3. REMOVE AND REPLACE ALL ASSOCIATED PIPING AND CONTROLS. INSTALL DISTRICT PROVIDED NEW BOILER B-3, PROVIDE AND INSTALL INFRASTRUCTURE FOR FUTURE BOILER B-2. PROVIDE AND { INSTALL NEW PUMPS HWP-3, HWP-4 AND HWP-5, NEW AIR SEPARATOR, NEW 12 INCH HOT WATER PIPING LOOP, AND ASSOCIATED PIPING FOR THE NEW PUMPS. PROVIDE GAS AND DRAIN f / PIPING AS REQUIRED AND ALL ASSOCIATED WORK SHOWN IN THE CONTRACT DOCUMENTS.



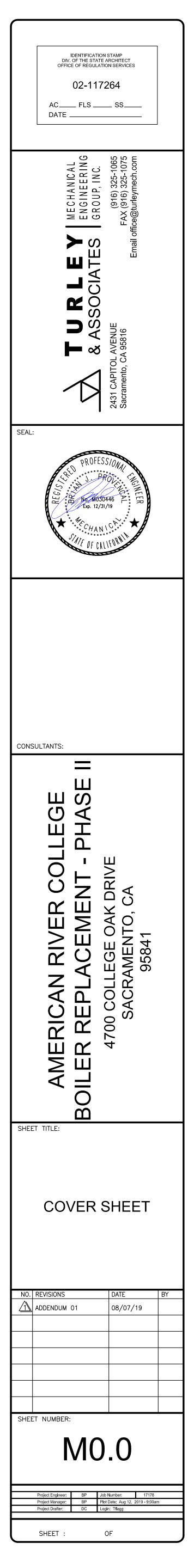
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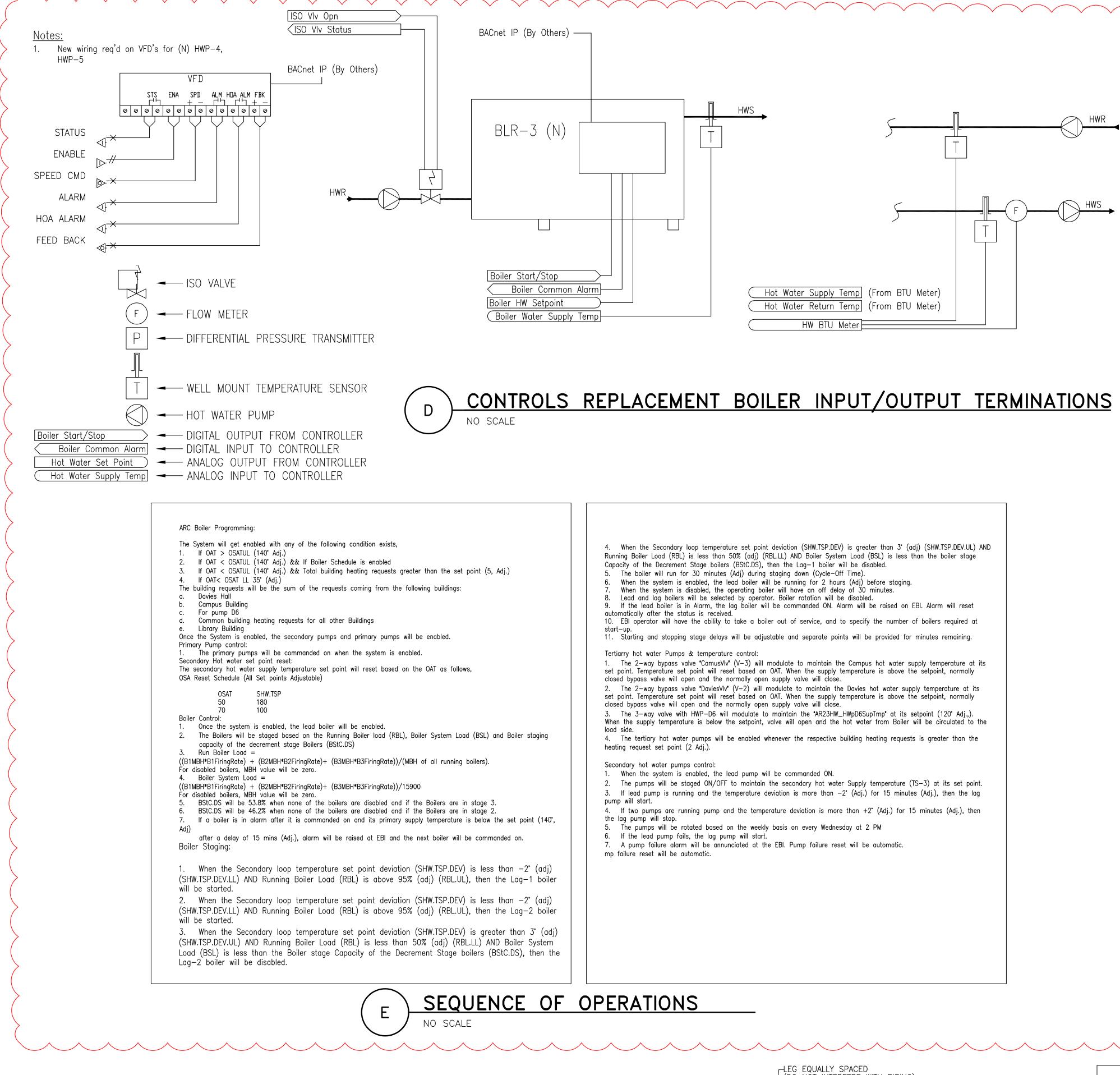
				SHEET INDEX
	FAX	No. OF SHEETS		DRAWING DESCRIPTIONS
85	916-325-1075	1	M0.0	COVER SHEET
		2	MO.1	MECHANICAL LEGEND, NOTES & SCHEDULES
56	(530)-886-8557	3	M1.1	MECHANICAL DEMOLITION FLOOR PLAN
		4	M2.1	PHASE II MECHANICAL NEW BOILER ROOM PLAN
030 (916)	(016) 631 8006	5	M4.1	MECHANICAL SCHEMATICS
	(916) 631–8996	6	M5.1	MECHANICAL DETAILS
		7	M5.2	MECHANICAL DETAILS
		8	P0.1	PLUMBING LEGEND, NOTES & SCHEDULES
		9	P2.1	PLUMBING NEW BOILER ROOM PLAN
NG CODES:		10	T24	TITLE 24
(CCR)		11	E0.1	PHASE II ELECTRICAL SYMBOLS, LIST AND DRAWING INDEX
		12	E2.1	PHASE II ELECTRICAL NEW BOILER ROOM PLAN
)				
:)		12		TOTAL PAGE COUNT

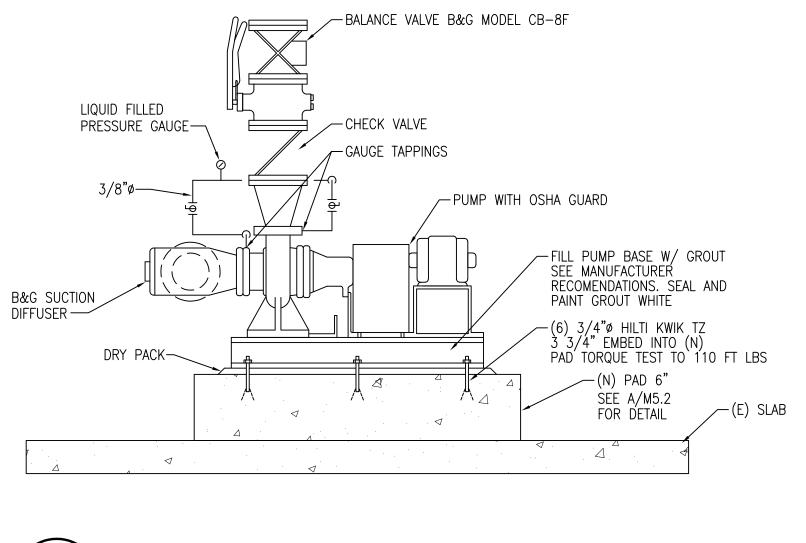
BUILDING CODE ANALYSIS

CONSTRUCITON TYPE: III 1-STORIES NON SPRINKLERED YEAR OF CONSTRUCTION: 1952 12,135 SQUARE FEET

OCCUPANCY GROUP: A







PUMP MOUNTING DETAIL NO SCALE

F

