ADDENDUM NO. 1

April 27th, 2021

Carmel Clay Schools – Football Stadium Heating Water Boiler Replacement
Carmel, IN 46033

TO: ALL QUOTING CONTRACTORS OF RECORD

This Addendum forms a part of and modifies the Quoting Requirements, Contract Forms, Contract Conditions, the Request For Quote for Carmel Clay Schools – Football Stadium Heating Water Boiler Replacement. Acknowledge receipt of the Addendum in the space provided on the Proposal Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1, Updated Proposal Form with Addendum Information, Fanning Howey Associates Addendum No. 1 dated April 26, 2021 consisting of 1 page, and Drawing Sheets: MD.01 and M2.01.

PROPOSAL FORM
FOOTBALL STADIUM HEATING WATER BOILER REPLACEMENT

Base Proposal:

$_____

The undersigned agrees to perform the services set forth in this proposal. The undersigned also covenants that he/she is fully empowered to execute and deliver this proposal on behalf of the proposer and that, if accepted by **Carmel Clay Schools**; this proposal shall represent a lawful and binding obligation of the Proposer.

Firm Name _____ Prices Firm Through_____

Address _____ Payment Terms_____

City, State and Zip _____ Delivery Date _____

Phone #_____ Fax #_____

Email Address _____

The undersigned acknowledges receipt of the following Addenda:

Receipt of Addenda No. (s)_____

By: _____ _____
(Representative Signature) (Representative Typewritten Name)

A D D E N D U M N O. 1

District Wide Renovations

Football Stadium Heating Water Boiler Replacement

Carmel Clay Schools
Carmel, Indiana

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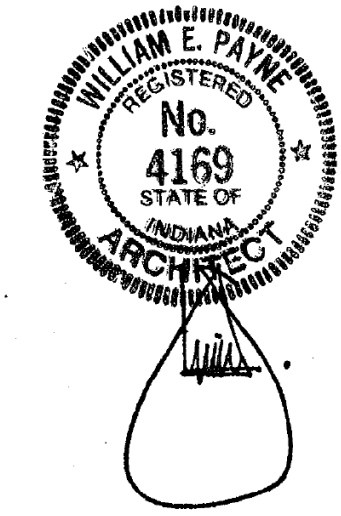
Addendum No. 1, 2 items, 1 page
Revised Drawing Sheets – Football Stadium Heating Water Boiler Replacement: MD.01 and M2.01

Date: April 26, 2021

FANNING/HOWEY ASSOCIATES, INC.
ARCHITECTS/ENGINEERS/CONSULTANTS



William E. Payne, AIA
Indiana Registration No. 4169

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 1 to Drawings and Project Manuals for District Wide Renovations for Carmel Clay Schools, 5201 East Main Street, Carmel, Indiana 46033; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana.
This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. PROJECT MANUAL SECTION 23 52 16 – CONDENSING BOILERS.

A. Add 1.7, A., 3., to read:

"3. Special Warranty shall commence at the date of Substantial Completion regardless of Manufacturer's standard warranty conditions."

ITEM NO. 2. REVISED DRAWING SHEETS – FOOTBALL STADIUM HEATING WATER BOILER REPLACEMENT

A. Drawing Sheets: MD.01 and M2.01 have been revised, dated 04/26/21 and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

END OF ADDENDUM

MECHANICAL DEMOLITION PLAN NOTES

1. EXISTING HEATING WATER BOILER, CONTROLS, PIPING, FLUES, ACCESSORIES, ETC. TO BE REMOVED BACK TO THE POINT INDICATED AND DISPOSED OF OFF-SITE. REFER TO MECHANICAL PLAN FOR NEW WORK.
2. EXISTING HEATING WATER PIPING, INSULATION, HANGERS, VALVES, ACCESSORIES, ETC. SHALL BE REMOVED BACK TO THE MAINS AND CAPPED. DISPOSE OF ALL PIPING, ACCESSORIES AND INSULATION OFF SITE. PROTECT EXISTING PIPING FOR RECONNECTION TO NEW HEATING WATER PIPING. REFER TO MECHANICAL PLAN FOR NEW WORK.
3. EXISTING NATURAL GAS PIPING, VALVES, HANGERS, ACCESSORIES, ETC. SHALL BE REMOVED BACK TO THE MAIN. PROTECT PIPING FOR CONNECTION TO NEW GAS PIPING. REFER TO MECHANICAL PLAN FOR NEW WORK.
4. EXISTING MECHANICAL EQUIPMENT TO REMAIN.
5. EXISTING INTAKE FLUES TO BE REMOVED BACK TO THE EXTERIOR WALL. PATCH WALL OPENING WATER-TIGHT.
6. EXISTING EXHAUST FLUE TO BE REMOVED BACK TO THE EXTERIOR WALL. PATCH WALL OPENING WATER-TIGHT.
7. EXISTING CONCRETE HOUSEKEEPING PAD SHALL REMAIN. UNDER NEW WORK PLAN, CONTRACTOR SHALL MODIFY THE EXISTING CONCRETE HOUSEKEEPING PAD OR ADD TO THE EXISTING HOUSEKEEPING PAD AS PART OF THEIR WORK.

EXISTING BOILER ALARM, BOILER STATUS AND BOILER ENABLE/DISABLE POINTS THAT ARE CONNECTED TO THE BUILDING AUTOMATION SYSTEM SHALL BE DISCONNECTED.

MECHANICAL GENERAL DEMOLITION NOTES

A. THE MECHANICAL CONTRACTOR SHALL VISIT THE PROJECT SITE AND DETERMINE THE EXACT EXTENT OF THE DEMOLITION WORK REQUIRED BEFORE BIDDING THE PROJECT. THE EQUIPMENT SHOWN IS APPROXIMATE IN QUANTITY AND LOCATION.

B. THE EXISTING PIPE AND DUCTWORK SIZES AND LOCATIONS WERE TAKEN FROM EXISTING BUILDING DRAWINGS AND FIELD. VERIFY ALL SIZES AND LOCATIONS WHERE RENOVATIONS ARE TAKING PLACE. ADVISE ARCHITECT/ENGINEER OF ANY DISCREPANCIES.

C. EXISTING MECHANICAL SYSTEMS THAT ARE SHOWN TO BE DEMOLISHED SHALL BE REMOVED AND DISPOSED OF OFF SITE UNLESS OTHERWISE NOTED.

D. REMOVE ANY EXISTING, OBSOLETE, EXPOSED MECHANICAL WORK IN AREAS WHERE WORK IS BEING DONE UNLESS OTHERWISE NOTED.

E. WHERE BUILDING SURFACES ARE DAMAGED BY THE REMOVAL OF EXISTING WORK, THEY SHALL BE PATCHED TO MATCH THE ADJACENT SURFACES BY THIS CONTRACTOR.

F. EXISTING WORK WHICH IS PRESENTLY CONCEALED, WILL REMAIN CONCEALED, AND WILL NOT INTERFERE WITH NEW WORK OF ANY TRADE, NEED NOT BE REMOVED. ALL ENDS SHALL BE CAPPED BELOW FINISH FLOOR, OR BEHIND THE SURFACE OF THE WALL AND PATCHED TO MATCH ADJACENT SURFACES. ALL EXISTING WORK THAT IS ABANDONED IN PLACE SHALL BE IDENTIFIED ACCORDINGLY.

G. EXISTING OPENINGS WHICH ARE TO BE REUSED SHALL BE MODIFIED OR ENLARGED AS REQUIRED BY THE NEW WORK. ALL CUTTING AND PATCHING SHALL BE DONE BY THIS CONTRACTOR UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS.

H. IF ASBESTOS IS PRESENT, IT WILL BE REMOVED OR RENDERED HARMLESS UNDER SEPARATE CONTRACT BY THE OWNER.

I. THE OWNER SHALL HAVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE. THE CONTRACTOR IS RESPONSIBLE TO VERIFY THAT THE OWNER DOES NOT CLAIM AN ITEM BEFORE DISPOSING OF IT OFF SITE.

J. ALL ROOF, WALL, AND FLOOR PATCHING WORK SHALL BE DONE BY THIS CONTRACTOR UNLESS OTHERWISE NOTED ON ARCHITECTURAL PLANS. ANY OPENING CREATED BY THE REMOVAL OF EXISTING SYSTEMS, THAT IS NOT BEING REUSED, SHALL BE PATCHED TO MATCH ADJACENT SURFACES BY A QUALIFIED INSTALLER.

K. SPECIAL PROVISIONS SHALL BE MADE TO KEEP THE COOLING SYSTEM OPERATIONAL AS MUCH AS POSSIBLE THROUGHOUT CONSTRUCTION. THE SYSTEM SWITCH OVER SHALL BE STRUCTURED TO MAINTAIN COOLING FOR THE BUILDING AS MUCH AS POSSIBLE.

L. WHERE MECHANICAL WORK IS BEING REMOVED, THIS CONTRACTOR IS RESPONSIBLE TO REMOVE ANY WALLS, CEILINGS, ETC. REQUIRED FOR REMOVAL OF MECHANICAL WORK. THIS CONTRACTOR SHALL PATCH ALL SURFACES TO MATCH EXISTING AFTER WORK IS COMPLETE.

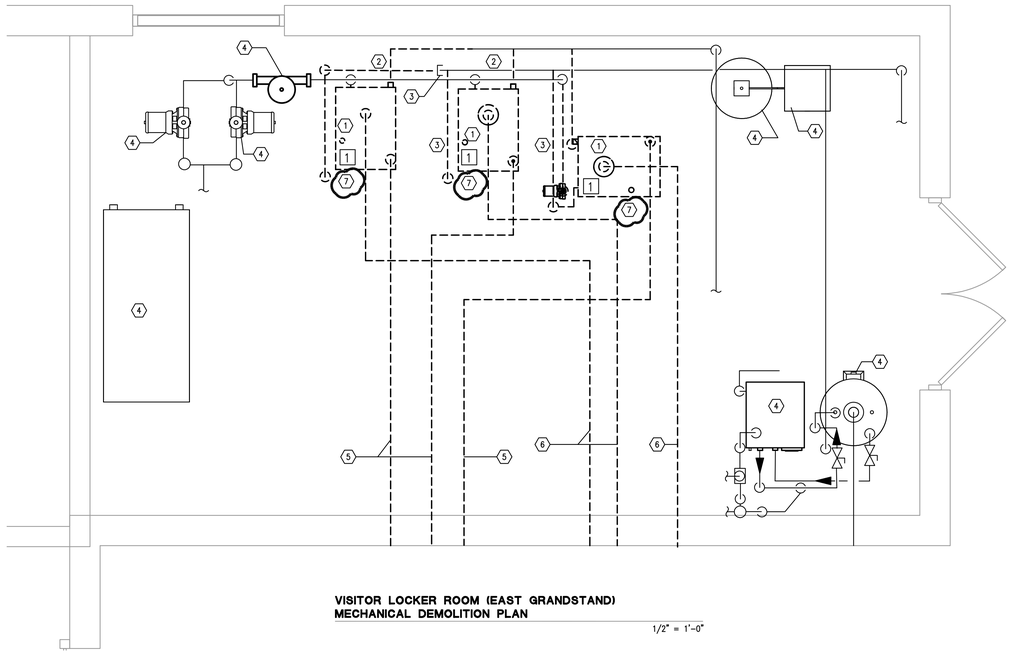
ELECTRICAL GENERAL DEMOLITION NOTES

A. CONTRACTOR SHALL VISIT PROJECT BEFORE BIDDING. VERIFY ADDITIONAL ELECTRICAL DEMOLITION TO BE REQUIRED DUE TO MECHANICAL EQUIPMENT AND PIPING CHANGES.

B. SUPPORT EXISTING CONDUIT TO BE REUSED PER THE NATIONAL ELECTRICAL CODE.

ELECTRICAL DEMOLITION PLAN NOTES

1. REMOVE EXISTING DISCONNECT, CONDUIT, AND WIRING AS REQUIRED. REMOVE EXISTING CONDUIT AND WIRING COMPLETE BACK TO SOURCE.



VISITOR LOCKER ROOM (EAST GRANDSTAND)
MECHANICAL DEMOLITION PLAN

1/2" = 1'-0"

VERIFICATION NOTE
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED. CONTACT THE ARCHITECT BEFORE PRECEEDING WITH WORK.

FOOTBALL STADIUM HEATING WATER BOILER REPLACEMENT PROJECT

E 136TH ST
Carmel, Indiana 46032

Carmel Clay Schools

ARCHITECT
FANNING HOWEY
317-848-0966 WWW.FHAI.COM

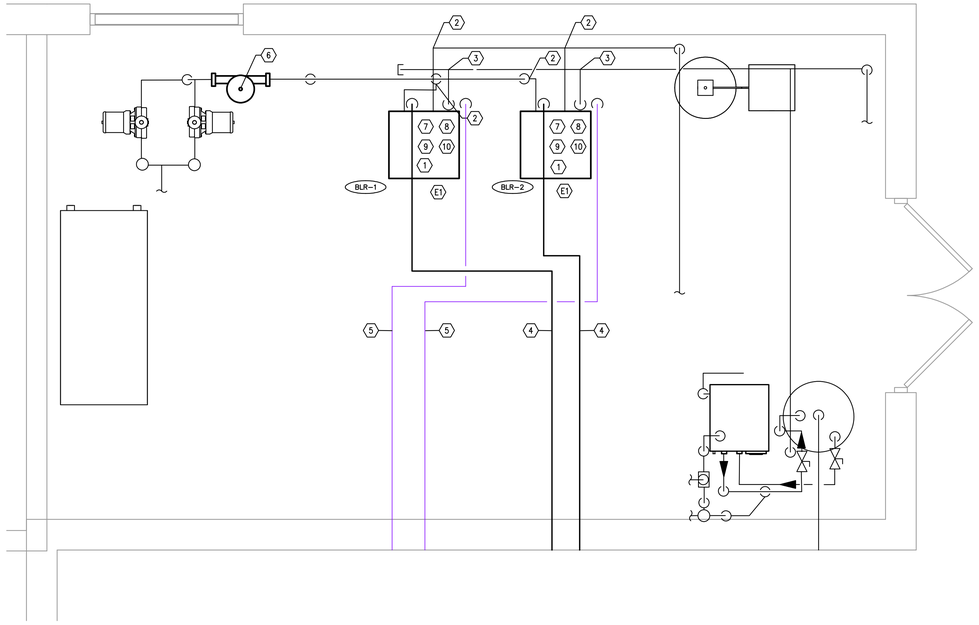
MARK Z. HOPF REGISTERED No. PE 12000601 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MZH
DRAWN BY: JWK
PROJECT NUMBER: 220136.01
PROJECT ISSUE DATE: 03/08/2021

REV. NO.△	DESCRIPTION	DATE
1	ADDENDUM 1	4/26/21

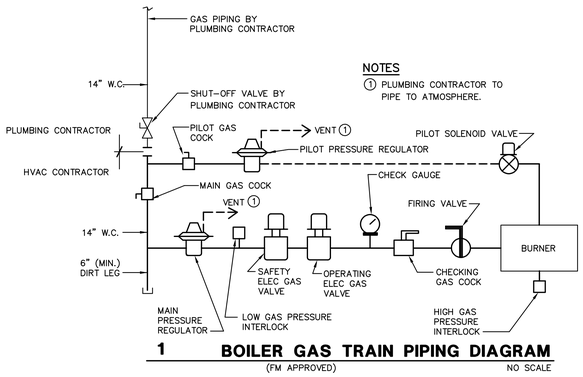
MECHANICAL DEMOLITION PLAN

MD.01



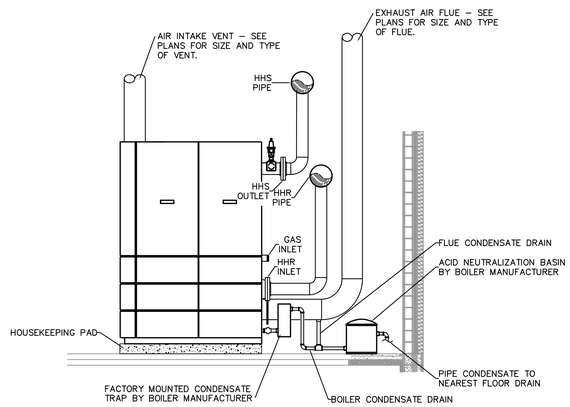
VISITOR LOCKER ROOM (EAST GRANDSTAND)
MECHANICAL PLAN

1/2" = 1'-0"



NOTES
(1) PLUMBING CONTRACTOR TO PIPE TO ATMOSPHERE.

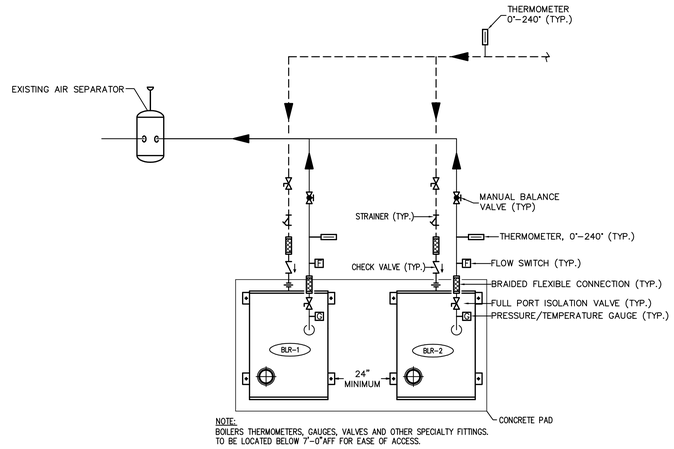
1 BOILER GAS TRAIN PIPING DIAGRAM
(FM APPROVED) NO SCALE



CONDENSING TYPE BOILER ARRANGEMENT

NOTE:
REFER TO SPECIFICATIONS FOR ACTUAL NUMBER OF THERMOMETERS, GAUGES VALVES AND OTHER SPECIALTY FITTINGS.

2 HEATING HOT WATER CONDENSING BOILER INSTALLATION DETAIL (ELEVATION)
NO SCALE



NOTE:
BOILERS THERMOMETERS, GAUGES, VALVES AND OTHER SPECIALTY FITTINGS. TO BE LOCATED BELOW 7'-0"AFF FOR EASE OF ACCESS.

3 BOILER PIPING DETAIL
NO SCALE

MECHANICAL ROOM PLAN NOTES

1. NEW HEATING WATER BOILER TO BE INSTALLED ON NEW 3-1/2" HIGH CONCRETE HOUSEKEEPING PAD. ROUTE DRAIN LINE FULL SIZE WITH SHUT-OFF VALVE FROM BOILER TO EXISTING FLOOR DRAIN. ROUTE RELIEF VALVE PIPING FULL SIZE FROM RELIEF VALVE AND TERMINATE AT 12" ABOVE EXISTING FLOOR DRAIN WITH PIPE END CUT AT 45 DEG. ANGLE.
2. CONNECT NEW 2" HEATING WATER PIPING TO EXISTING AT THIS APPROXIMATE LOCATION.
3. CONNECT NEW 1" GAS (OR MATCH EXISTING PIPE SIZE, WHICHEVER IS GREATER) PIPING TO EXISTING IN THIS APPROXIMATE LOCATION. NATURAL GAS TRAIN APPROVED BY FACTORY MUTUAL (FM). REFER TO DETAIL.
4. 4" BOILER EXHAUST FLUE EXTENDED FROM NEW HEATING WATER BOILER AND THROUGH EXTERIOR WALL PER MANUFACTURER'S REQUIREMENTS. SEAL ALL OPENINGS AROUND FLUE EXHAUST TERMINATION WATER-TIGHT.
5. 4" COMBUSTION AIR INTAKE EXTENDED FROM NEW HEATING WATER BOILER AND THROUGH EXTERIOR WALL PER MANUFACTURER'S REQUIREMENTS. SEAL ALL OPENINGS AROUND FLUE EXHAUST TERMINATION WATER-TIGHT.
6. DISCONNECT RAW DOMESTIC COLD WATER AND CAP. TIE INTO THE DOWNSTREAM PIPING OF THE WATER SOFTENER AND CONNECT TO THE MAKE-UP WATER PIPING AT THIS APPROXIMATE LOCATION.
7. INSTALL A GALVANIZED STEEL DRAIN PAN ABOVE THE MECHANICAL EQUIPMENT SUPPORTED FROM THE STRUCTURE/CONCRETE ABOVE. PROVIDE A DRAIN IN THE DRAIN PAN. ROUTE DRAIN PIPING TO THE NEAREST FLOOR DRAIN. REMOVED. DRAIN PAN AND ASSOCIATED DRAIN PIPING SHALL BE CAPABLE OF BEING EASILY REMOVED.
8. CONDENSATE DRAIN WITH TRAP PIPED FROM BOILER/WATER HEATER TO FLOOR DRAIN FULL SIZE. EACH BOILER TO BE PROVIDED WITH INDEPENDENT ACID NEUTRALIZATION BASIN. REFER TO DETAIL.
9. PRESSURE RELIEF VALVE. REFER TO BOILER/WATER HEATER MANUFACTURER FOR RECOMMENDED LOCATION. PIPE FULL SIZE TO FLOOR DRAIN. SUPPORT PIPING INDEPENDENTLY OF VALVE TO PREVENT STRESS ON VALVE AND TO ALLOW PROPER OPERATION.
10. NEW BOILERS SHALL BE PROVIDED WITH BOILER CONTROL PANEL WITH BACNET COMMUNICATION CARD. THE EXISTING BUILDING AUTOMATION SYSTEM SHALL BE CONNECTED AND TIE INTO THE NEW BOILER CONTROL PANEL TO READ THE FOLLOWING POINTS AT A MINIMUM: BOILER ALARM, BOILER STATUS, BOILER ENABLE/DISABLE. THE EXISTING BUILDING AUTOMATION SYSTEM IS PROVIDED BY GRANTHAM COMPANY INC. (317-845-8888).

ELECTRICAL NOTES

A. PROVIDE REVISED TYPE PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
B. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
C. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NATIONAL ELECTRICAL CODE (NEC) REQUIREMENTS.
D. ALL DEVICES, EQUIPMENT, AND THE LIKE SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
E. UTILIZE LIQUIDTIGHT FLEXIBLE CONDUIT AT TERMINATIONS PER NEC.

ELECTRICAL PLAN NOTES

E1. PROVIDE 2 #12 AND #12 G IN 3/4" CONDUIT TO SPARE 120V, 20A/1P BREAKER IN NEARBY PANELBOARD TO SERVE NEW BOILER. PROVIDE NEW NEMA 1 30 AMP, NON-FUSED DISCONNECT WITHIN SITE OF BOILER, ON VERTICAL STRUT STAND, WITH FLEXIBLE LIQUIDTIGHT CONDUIT AT FINAL CONNECTION FROM DISCONNECT TO BOILER.

MECHANICAL ROOM EQUIPMENT SCHEDULE

EQUIPMENT MARK	TOTAL REQ'D	DESCRIPTION	NOTES	ELECTRICAL
BLR-1 BLR-2	2	HIGH-EFFICIENT CONDENSING HEATING WATER BOILER, NATURAL GAS, 400 MBH INPUT, 392 MBH OUTPUT, LOW NOx BELOW 30 PPM ALL FIRING RATES. FM COMPLIANT GAS TRAIN, 4" WC MIN. @ FULL LOAD, 10 GPM, EWT = 150°F, LWT = 180°F, CONTROL PANEL WITH BACNET INTERFACE PROVIDED BY UNIT MANUFACTURER. BASIS OF DESIGN: LOCHINVAR FTX400	1,2	SINGLE POINT POWER CONNECTION. 120V/1PH UNIT MFR. SHALL INCLUDE CONTROL VOLTAGE TRANSFORMER. DISCONNECT BY DIV. 26. ELECTRICAL REQUIREMENTS VARY WITH UNIT MANUFACTURER.

NOTES
1. MOUNT ON 3-1/2" CONCRETE HOUSEKEEPING PAD.
2. REFER TO PROJECT MANUAL SECTION 235216.

VERIFICATION NOTE
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED. CONTACT THE ARCHITECT BEFORE PRECEEDING WITH WORK.

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MECHANICAL PLAN

M2.01