DATE: June 18, 2013

FROM: The Schemmer Associates
1044 North 115th Street
Omaha, Nebraska 68154-4436
Phone: (402) 493-4800
Telefax: (402) 493-7951

TO: Prospective Bidders and Plan Holders

RE: Addendum No. 2 to the Bidding Documents for:
Boiler Replacement
VA Project No. 636A6-11-916
Schemmer Project No. 06054.001

This addendum is issued by the Architect to the Contractor. This Addendum shall be made a part of the Contract Documents. Acknowledge receipt of this Addendum shall be provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

Prior approval of manufacturers is a general approval only for bidding purposes. Final approval of the products is contingent upon the submittal of product data and/or shop drawings which will have to meet the specific design requirements and the specifications.

This addendum consists of four (4) pages of written addendum items and three (3) supplemental drawings.

THE SCHEMMER ASSOCIATES INC.
ARCHITECTS | ENGINEERS | PLANNERS

PROJECT MANUAL

MECHANICAL

Item No. SM-1

Question: What Pressure will the boilers be operating at?

Answer: The basis of design steam pressure is 200 PSIG.

Item No. SM-2

Question: The specifications list the 20,000pph drum sizes, what is your drum size preference for the 10,000pph boilers? Can they be smaller?

Answer: The minimum steam and bottom drum sizes specified in section 23 52 33 paragraph 2.1.F.6.a are the smallest sizes recommended for BOTH boiler capacities scheduled as the size pertains to steam quality and maintenance/servicing purposes. Smaller drum sizes than specified are not recommended.

Item No. SM-3

Question: There are five (5) remote desktop computer work stations listed in section 23 09 11 2.5 A. 1. Can you please explain if the four (4) work stations outside of the boiler room are suppose to have control capabilities along with the ability to monitor? Our concern is that if someone from any of the four (4) remote work stations outside of the boiler room decides to make a change to any setpoint they will not be able to see what is currently going on in the boiler room. Having the capability to supersede the boiler room operator is normally not good practice. Ordinarily in this situation we normally provide read-only data, a visual real-time screen and historical datasheets to the remote, outside of the boiler room, work stations.

Answer: The remote stations will not have remote operation access for the boilers. The remotes will have access for remote operations of building automation system that is integrally connected to the server.

Item No. SM-4

Question: Can Allen Bradley be added to the acceptable PLC manufacturer list**?**

Answer: A controller equal to the examples listed in paragraph 2.1.B.18 that meets all requirements in contract documents is acceptable.

Item No. SM-5

Question: In lieu of the in-line disk and turbine style meters, are flow elements with transmitters acceptable? This will also give a direct input to the PLC.

Answer: Provide flow elements with transmitters.

Item No. SM-6

Question: Will the existing DDC System be extended to the HVAC equipment in the boiler room and also include the CO and any other building monitors? We normally communicate with the DDC to monitor status of these items.

Answer: The DDC System includes the HVAC equipment in the boiler room as well as the gas detection system (CO) and overhead door status switches. This is indicated on the control drawings that are

included with the specifications.

Item No. SM-7, Specification Section 23 05 10-Common Work Results for Boiler Plant
Add the following paragraphs:

2.6.B. Provide shaft grounding kit for field installation to prevent motor bearing failures associated with VFD transient currents.

3.1.Q. Motors: Wire shaft ground kit on motors for use with Variable Frequency Drives.

DRAWINGS

ARCHITECTURAL

Item No. DA-1

Add Supplemental Drawing SDA-5 (for room name/number references only)

Item No. DA-2, Sheet AE301

Detail 2, FRAME TYPES (frame type number designations are missing) clarifications:
Frame Types F7 is AL. The frame directly to the right of F7 is to be designated F8 - AL.
The second line of frame details are as follows (from left to right): F9 - AL; F10 - AL; F11 - HM; F12 - HM.

Item No. DA-3, Sheet AE103

Add the following general note: "GENERAL CONTRACTOR RESPONSIBLE FOR COORDINATING CATWALK SIZES AND LOCATIONS WITH DIMENSIONS OF ACTUAL EQUIPMENT SELECTED. COORDINATE CATWALK WITH STRUCTURAL SUPPORT LOCATIONS."

MECHANICAL

Item No. DM-1

Question: There is no indication of the natural gas route nor size.

Answer: Plumbing drawing, PL101 shows natural gas piping and size.

Item No. DM-2

Question: How are they controlling the adjustable relief valve off of the main steam header, the one in the current power house is done remotely, also there is no indication of an isolation valve.

Answer: See Supplemental Drawing SDM-3 for isolation valve at relief valve. Provide an electronic actuated valve to control SVS-1, steam safety valve, through Metasys control system.

Item No. DM-3

On drawing number MH601, in Miscellaneous Mechanical Equipment Schedule, Deaerator Tank, DT-1, shall be 30,000 PPH and 840 gallon capacity.

Item No. DM-4

Question: The drawings indicated a 2 ½" condensate drip leg below each boiler inlet to the main steam header three (3) of the inlets are less than four (4) feet apart, is this necessary, also there is no indication of trap size on the drawings.

Answer: See Supplemental Drawing SDM-3 for removal of the 2 ½" condensate drip leg at each boiler inlet to the main steam header and Supplemental Drawing SDM-4 for steam trap sizes.

Item No. DM-5

Question: There is no indication of pipe size for the low pressure steam feeding the PRV station nor the size of the PRV's.

Answer: See Supplemental Drawing SDM-3 for LPS pipe sizes and Supplemental Drawing SDM-4 for the PRV schedule.

ELECTRICAL

Item No. DE-1

At drawing EP101, change referenced note 1 to read "COORDINATE FUEL OIL CONNECTION FOR GENERATOR WITH MECHANICAL. SEE MECHANICAL DRAWING MP101 FOR PIPING ROUTING."

Item No. DE-2

Question: At drawing 1/EP101, referenced note 4, what is the size of the relocated conduit/feeder.

Answer: Sizing for the relocated feeder/conduit is on the one-line diagram, EP103.

Item No. DE-3

At drawing 2/EP102, delete referenced note markers 1 and 2, and change referenced notes 1 and 2 to read "NOT USED". Feed from building 13 to new service will be directional bored and sized as stated on one-line diagram sheet EP103

Item No. DE-4

At drawing 2/EP105 referenced note 2, contractor to provide 6-strand multimode fiber optic cable.

Item No. DE-5

At drawing EP105, Luminaire Schedule: Add general note 1 to bottom of schedule to read: "SCHEDULED LUMINAIRES ARE LISTED AS BASIS OF DESIGN. LUMINIARES WILL BE AS SCHEDULED OR EQUAL."

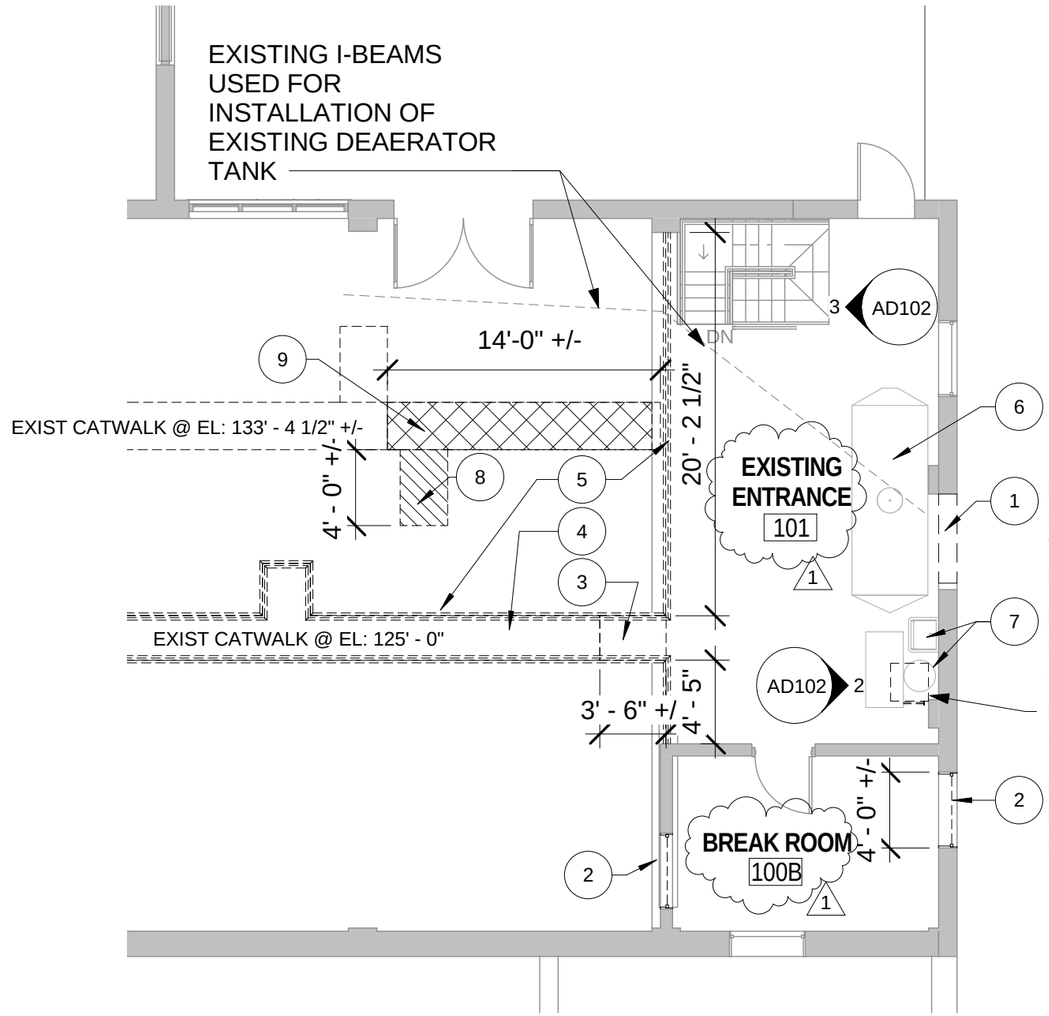
Item No. DE-6

Supplemental drawing SDE-1 as referenced in addendum one is included in this addendum.

SCHEMMER ARCHITECTS | ENGINEERS | PLANNERS	PROJECT: BOILER REPLACEMENT
	JOB NO: 636A6-11-916 (06054.001)

SUPPLEMENTAL DRAWING

DATE:06/17/13	DRAWN: KAH	SCALE: 1/8" = 1'-0"	SHEET NO: SDA-5
SHEET TITLE: PARTIAL FIRST FLOOR PLAN - DEMOLITION			REF: AD102/AE102



1. PHASE ONE, AFTER ADDITION IS FULLY ENCLOSED. PROVIDE TEMP DUST WALL @ OPENING DURING PHASE TWO.
7. PHASE ONE, AFTER ADDITION IS FULLY ENCLOSED & BEFORE CONSTRUCTION OF IT ROOM

RECONFIGURE EXISTING ROOF ACCESS (ABOVE NEW IT ROOM).

2. PHASE ONE, AFTER ADDITION IS FULLY ENCLOSED, COORDINATE W/ RESIDENT ENGINEER/COR

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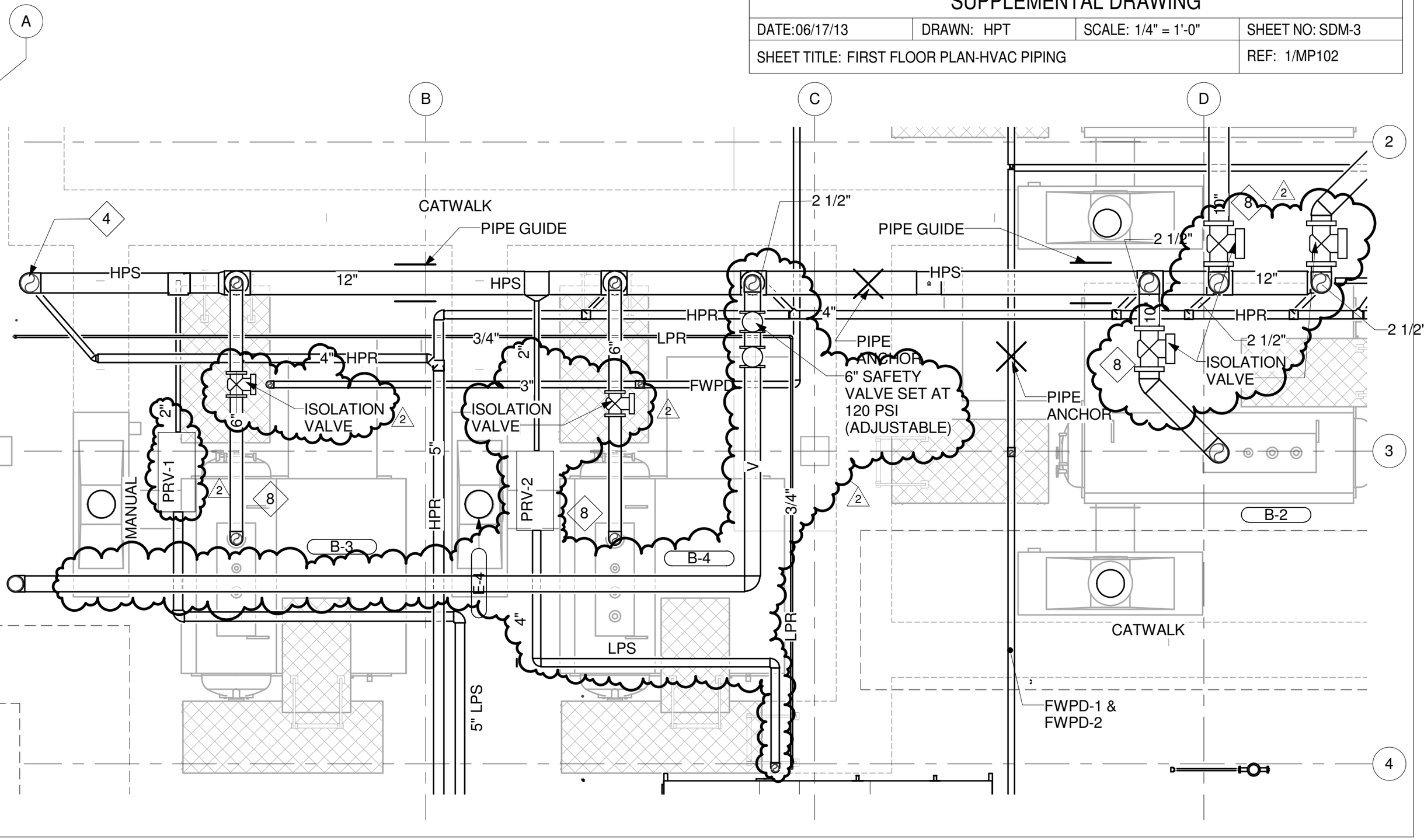
PROJECT: Department of Veterans Affairs Central Iowa Health Care System Boiler Replacement
JOB NO: 06054.001

SUPPLEMENTAL DRAWING

DATE:06/17/13	DRAWN: HPT	SCALE: 1/4" = 1'-0"	SHEET NO: SDM-3
SHEET TITLE: FIRST FLOOR PLAN-HVAC PIPING			REF: 1/MP102



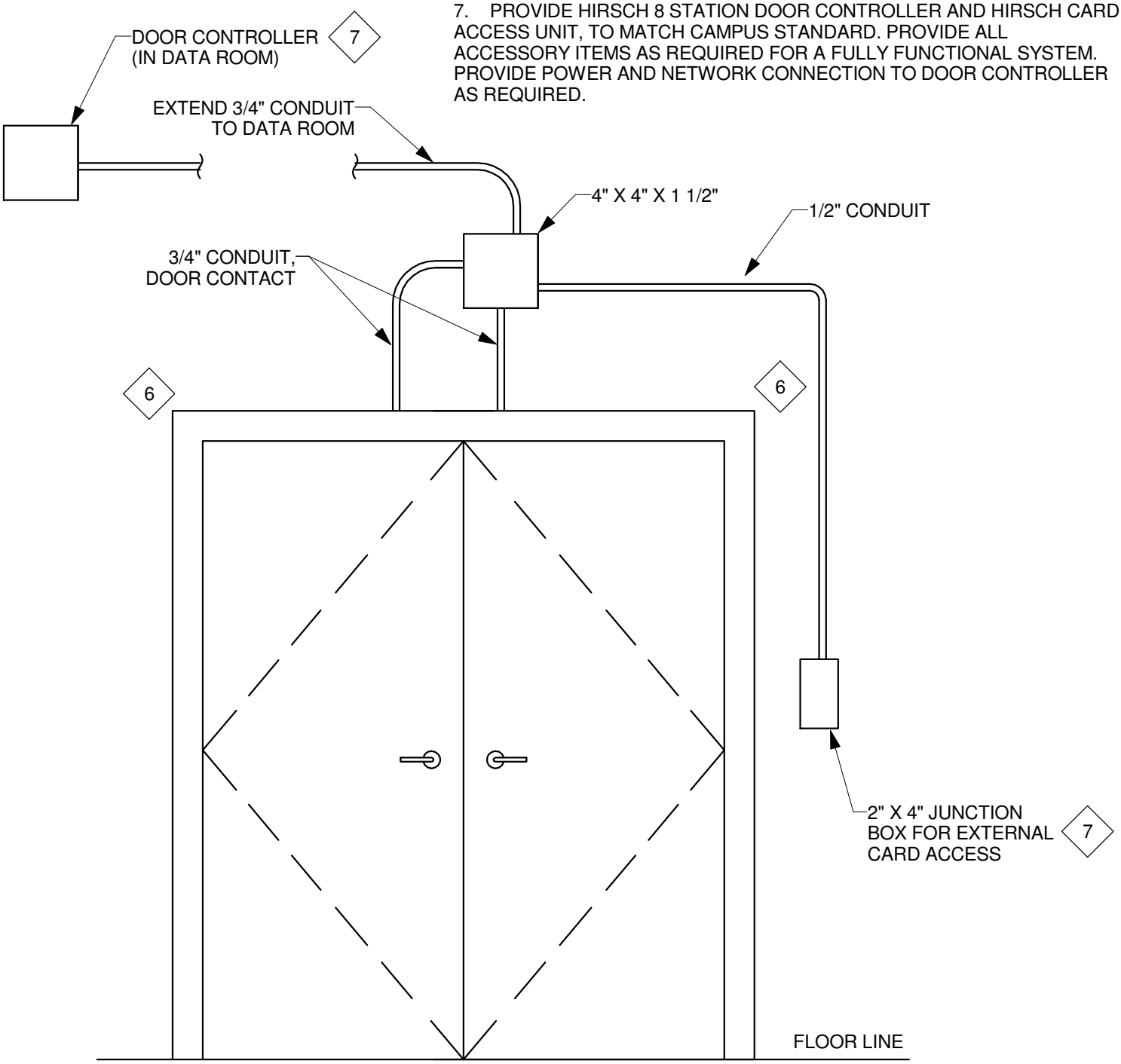
SCHEMMER ARCHITECTS | ENGINEERS | PLANNERS	PROJECT: Department of Veterans Affairs Central Iowa Boiler Replacement JOB NO: 06054013

SUPPLEMENTAL DRAWING

DATE:06/07/13	DRAWN: ACS	SCALE:NONE	SHEET NO: SDE-1
SHEET TITLE: EXTERIOR DOOR SECURITY DETAIL			REF:

6. PROVIDE 120V POWER CONNECTION FOR POWER SUPPLY FOR POWERED TRANSFER HINGE. SEE PLANS FOR CIRCUIT INFORMATION.

7. PROVIDE HIRSCH 8 STATION DOOR CONTROLLER AND HIRSCH CARD ACCESS UNIT, TO MATCH CAMPUS STANDARD. PROVIDE ALL ACCESSORY ITEMS AS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. PROVIDE POWER AND NETWORK CONNECTION TO DOOR CONTROLLER AS REQUIRED.



1 EXTERIOR DOOR SECURITY DETAIL

SCALE: NONE

6/17/2013 16:21:00