

Addendum No. 3

**Christina School District
Eden Support Center
925 Bear-Corbitt Road
Bear, Delaware 19701**

For the

**Computer Room
HVAC Renovations**

At

Eden Support Center

Contract No. CSD-2012-04

Project No. 11.069

September 17, 2012

Attached is one (1) copy of Addendum No. 3 for each set of bidding documents in your possession. No specifications, Drawings or bid will be considered complete without this Addendum No. 3

ADDENDUM NO. 3

A. CHANGES TO SPECIFICATIONS:

Bid Form

- Replace Bid Form and Liquidated Damages Form.

B. CHANGES TO DRAWINGS:

- Drawing A100:

1. Revise wall location in plan. Refer to attached Sketch SKA-01.
2. Add wall section to plan. Refer to attached Sketch SKA-02.

- Drawing M110:

1. Add note 10 as follows:

“10. Provide supervision and assistance from the local representative for the air handling units to accommodate jobsite disassembly of the modules from the base rail, disassembly of the modules into pieces that will fit through existing building doorways into the training room, and reassembly in place within the new IT room. Provide written certification from the equipment representative that the reassembled units meet original factory specifications to maintain warranty for the owner.”

Refer to attached Sketch SKM-01.

- Drawing E100:

1. Add fire alarm control panel to plan. Refer to attached Sketch SKE-01.
2. Revised note #13 as follows:

“CONTRACTOR SHALL DISCONNECT THE BRANCH CIRCUIT WIRING FROM THE STAGE PANEL AND LABEL THE CIRCUIT BREAKERS AS SPARE. DISCONNECT AND RETAIN THE LIGHT BAR AND TURN OVER TO OWNER UPON REMOVAL.”

Refer to attached Sketch SKE-01.

3. Add note #16:

“CONTRACTOR SHALL RELOCATE THE EXISTING FIRE ALARM PANEL AND SMOKE DETECTOR TO THEIR NEW LOCATION. REFER TO DRAWING E110 FOR NEW LOCATIONS. COORDINATE RELOCATION WITH THE FIRE ALARM VENDOR CONTRACTED TO THE DISTRICT. THE EXISTING FIRE ALARM SYSTEM IS MANUFACTURED BY SILENT KNIGHT, MODEL # IFP-1000.

CONTRACTOR SHALL COORDINATE RELOCATION OF DEVICES AND ADDITION OF NEW DEVICES WITH SIMPLEX GRINNELL 302-325-6300 OR ANACONDA AT 302-319-3776.”

Refer to attached Sketch SKE-01.

- Drawing E110

1. Revised Schedule Note #1 as follows:

“SHUT DOWN OF AIR HANDLING UNITS SHALL BE ACCOMPLISHED BY THE USE OF THE AREA DETECTION SYSTEM (AREA SMOKE DETECTORS). CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO THE FIRE ALARM CONTROL PANEL AND PROGRAMMING FOR UNIT SHUT DOWN.”

Refer to attached Sketch SKE-02.

2. Add note to plan for asphalt patch. Refer to attached Sketch SKE-03.

3. Add fire alarm panel and smoke detectors to plan. Refer to attached Sketch SKE-02.

C. BIDDERS QUESTIONS AND CLARIFICATIONS:

- Nick Vacirca of the Christina School District noted the completion date is scheduled for November 1, 2012. **The date is revised to February 1, 2013.**
- A question was asked: What is the height of the wall that will fill the proscenium opening. This was addressed in Addendum #2. **Refer to attached Sketch SKA-01.**
- A question was asked: How will the units enter the building? This was addressed in Addendum #2. **Refer to attached Sketch SKM-01.**
- A question was asked: Replacement of the asphalt along the route of the new electric service? Nick Vacirca noted replace with asphalt in areas of excavation. **Refer to attached Sketch SKE-03.**
- Note to all that there will be an allowance for a generator to power the two electric panels to keep the data center operational during construction of the electric service change over. All agreed that \$5,000 is acceptable. **Allowance shall be carried by the Prime Contractor.**
- A question was asked: How much are the Utility Company fees for the new Service? There will be a \$5,000 allowance for Utility Company fees for the new Service. **Allowance shall be carried by the Prime Contractor.**

Attachments: Bid Form
Liquidated Damages

Christina School District
Eden Support Center – Computer Room HVAC Renovations
Contract No. CSD-2012-04

BID FORM

For Bids Due: Thursday, September 20, 2012 @ 2:00 pm **To:** _____

Name of Bidder: _____

Delaware Business License No.: _____ **Taxpayer ID No.:** _____

(Other License Nos.):

Phone No.: () _____ **Fax No.:** () _____

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

I / We acknowledge Addendums numbered _____ and the price(s) submitted include any cost / schedule impact they may have.

This bid shall remain valid and cannot be withdrawn for _____ days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within 90 calendar days of the Notice to Proceed.

Christina School District
Eden Support Center – Computer Room HVAC Renovations
Contract No. CSD-2012-04

Liquidated Damages

The Contractor agrees to pay liquidated damages of the sum of \$250/day for each calendar day the project is not completed within 90 days after notice to proceed.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am / We are an Individual / a Partnership / a Corporation

By _____ Trading as
(Individual's / General Partner's / Corporate Name)

(State of Corporation)

Business Address:

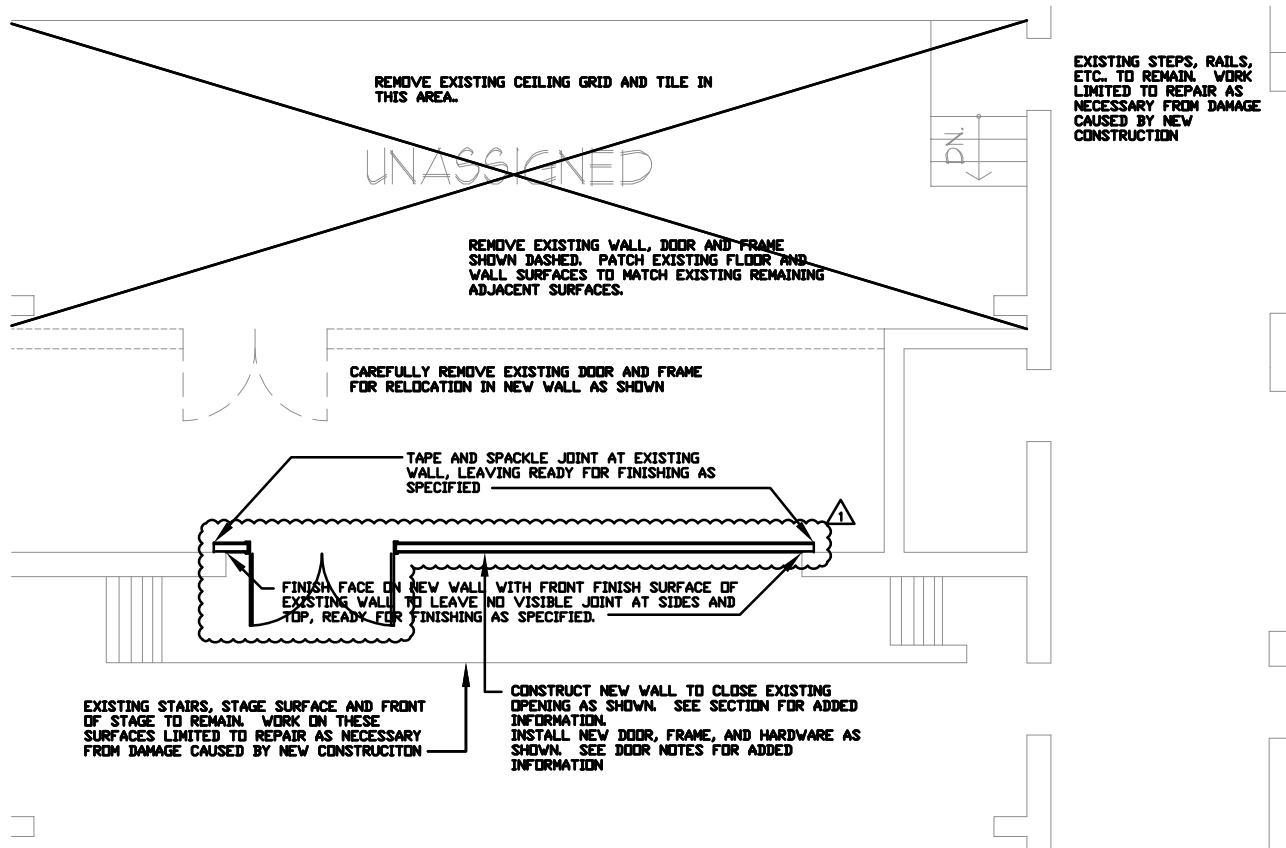
Witness: _____ By: _____
(Authorized Signature)

(*SEAL*) _____
(Title)

Date: _____

ATTACHMENTS:

Sub-Contractor List
Payment Bond
Performance Bond



ADDENDUM #3
REFERENCE DWG. A100



COMPUTER ROOM HYAC RENOVATIONS EDEN SUPPORT CENTER

PROJECT NO.
11069
COPYRIGHT 2011
FURLOW ASSOCIATES, INC.

PARTIAL FLOOR PLANS - ARCHITECTURAL

SCALE: AS NOTED
DRAWN BY: WJS
DATE: 08/17/12

REV.	DESCRIPTION	DATE

DRAWING NO.
SKA-01

1

SECURE NEW WALL TO
PERIMETER OF PROSCENIUM
ARCH ON DATA CENTER SIDE
OF WALL

SECURE CONTINUOUS 22
GAGE METAL TRACK TO
EXISTING FRAMING AT STAGE
OPENING

FINISH NEW GYP.BD. ALONG
UNDERSIDE OF EXISTING
STAGE PROSCENIUM ARCH.
CORNER TAPE AND SPACKLE
JOINT

ONE LAYER 5/8" GYP.BD.
BOTH SIDES 3-5/8" 22
GAGE METAL STUD 16" O.C.
FINISH GYP. BD TO LEVEL
4, LEAVING READY FOR
PAINTING

FRICTION FIT UNFACED R-15
FIBERGLASS INSULATION
BETWEEN STUDS FULL
HEIGHT OF PARTITION FOR
SOUND CONTROL

SET 22 GAGE CONTINUOUS
BOTTOM TRACK IN FULL BED
ACOUSTIC SEALANT.
SECURE TRACK TO EXISTING
FLOOR

4' VINYL BASE WITH COVE
TOE SECURED TO BOTH
SIDES OF NEW PARTITION

SECTION

ADDENDUM #3
REFERENCE DWG. A100



COMPUTER ROOM HYAC RENOVATIONS EDEN SUPPORT CENTER

PROJECT NO.

11069

PARTIAL FLOOR PLANS - ARCHITECTURAL

COPYRIGHT 2011
FURLOW ASSOCIATES, INC.

SCALE: AS NOTED

DRAWN BY: WJS

DATE: 08/17/12

REV.	DESCRIPTION	DATE

DRAWING NO.

SKA-02

DRAWING NOTES

- ① COORDINATE CONDENSATE DRAIN LINE WITH EXISTING BOILER BREACHING AND EXPANSION TANKS ABOVE BOILERS.
- ② MOUNT CONDENSATE DRAIN LINE TO MAINTAIN ACCESS FOR CRAWL SPACE OPENING IN FOUNDATION WALL.
- ③ REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION, DOOR, AND CEILING DETAILS.
- ④ LOCATE RS/RL PIPING BELOW CEILING.
- ⑤ INTERFACE WALL MOUNTED TEMPERATURE SENSOR WITH EACH AIR HANDLING UNIT SYSTEM AND EXISTING DDC CONTROL PANEL. REFER TO PROJECT MANUAL FOR SEQUENCE OF OPERATION.
- ⑥ INTERFACE WALL MOUNTED TEMPERATURE SENSOR WITH EXISTING DDC CONTROL PANEL FOR HIGH LIMIT MONITORING AND ALARM.
- ⑦ PROVIDE 1-1/8" VERTICAL SUCTION RISER AT EVAPORATOR COIL CONNECTION IN ACCORDANCE WITH UNIT MANUFACTURER'S RECOMMENDATIONS.
- ⑧ PROVIDE STEEL BEAMS UNDER AIR HANDLING UNIT AS DETAILED ON THE STRUCTURAL DRAWINGS. TYPICAL FOR THREE UNITS.
- ⑨ PROVIDE 1/2" WELDED WIRE MESH SCREEN IN REMOVABLE FRAME FULL SIZE OF RETURN AIR OPENING ON UNIT. TYPICAL FOR THREE UNITS.

1

- ⑩ PROVIDE SUPERVISION AND ASSISTANCE FROM THE LOCAL REPRESENTATIVE FOR THE AIR HANDLING UNITS TO ACCOMMODATE JOBSITE DISASSEMBLY OF THE MODULES FROM THE BASE RAIL, DISASSEMBLY OF THE MODULES INTO PIECES THAT WILL FIT THROUGH EXISTING BUILDING DOORWAYS INTO THE TRAINING ROOM, AND REASSEMBLY IN PLACE WITHIN THE NEW IT ROOM. PROVIDE WRITTEN CERTIFICATION FROM THE EQUIPMENT REPRESENTATIVE THAT THE REASSEMBLED UNITS MEET ORIGINAL FACTORY SPECIFICATIONS TO MAINTAIN WARRANTY FOR THE OWNER.

ADDENDUM #3
REFERENCE DWG. M110

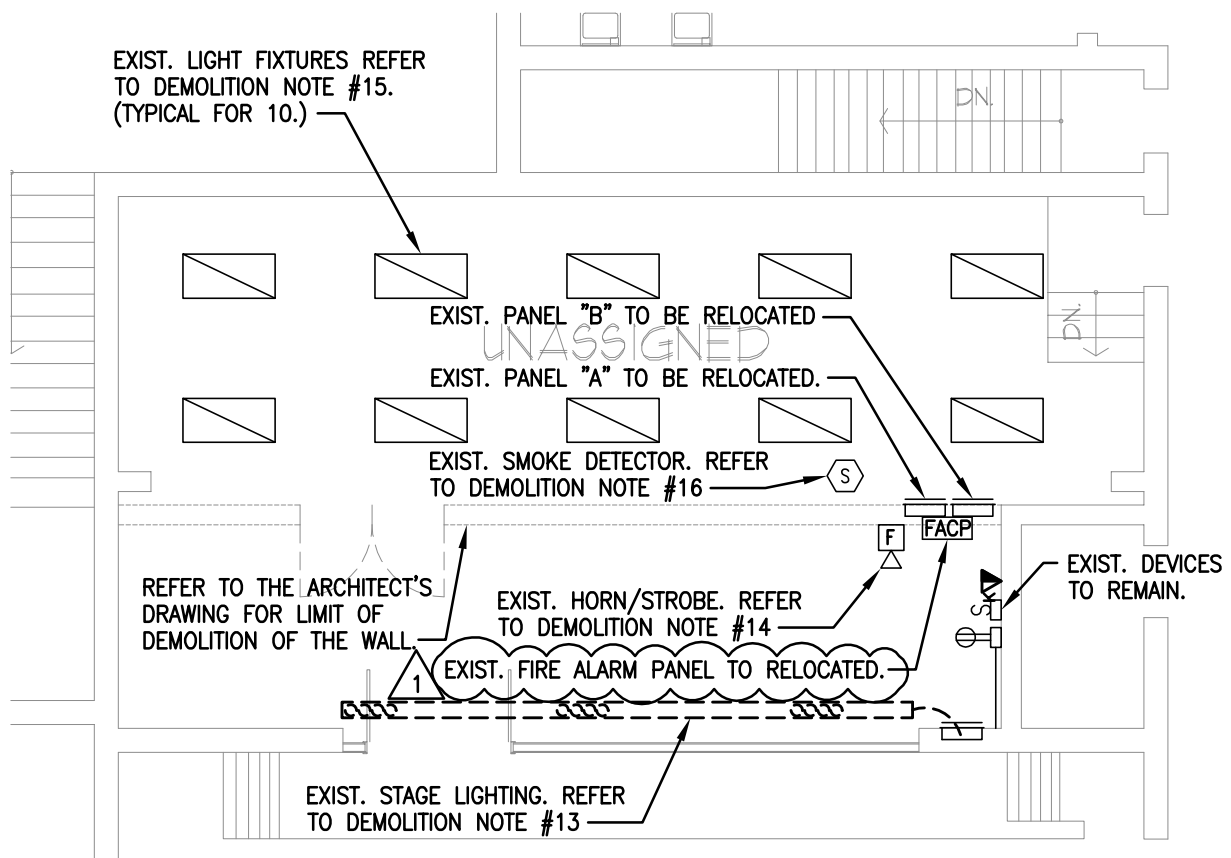


COMPUTER ROOM HYAC RENOVATIONS EDEN SUPPORT CENTER		
PROJECT NO. 11069	PARTIAL FLOOR PLANS - MECHANICAL	SCALE: AS NOTED
COPYRIGHT 2011 FURLOW ASSOCIATES, INC.		DRAWN BY: RLL
		DATE: 08/17/12



REV.	DESCRIPTION	DATE

DRAWING NO.
SKM-01



2 PARTIAL FIRST FLOOR PLAN - DEMOLITION
1/8" = 1'-0"

DEMOLITION NOTES

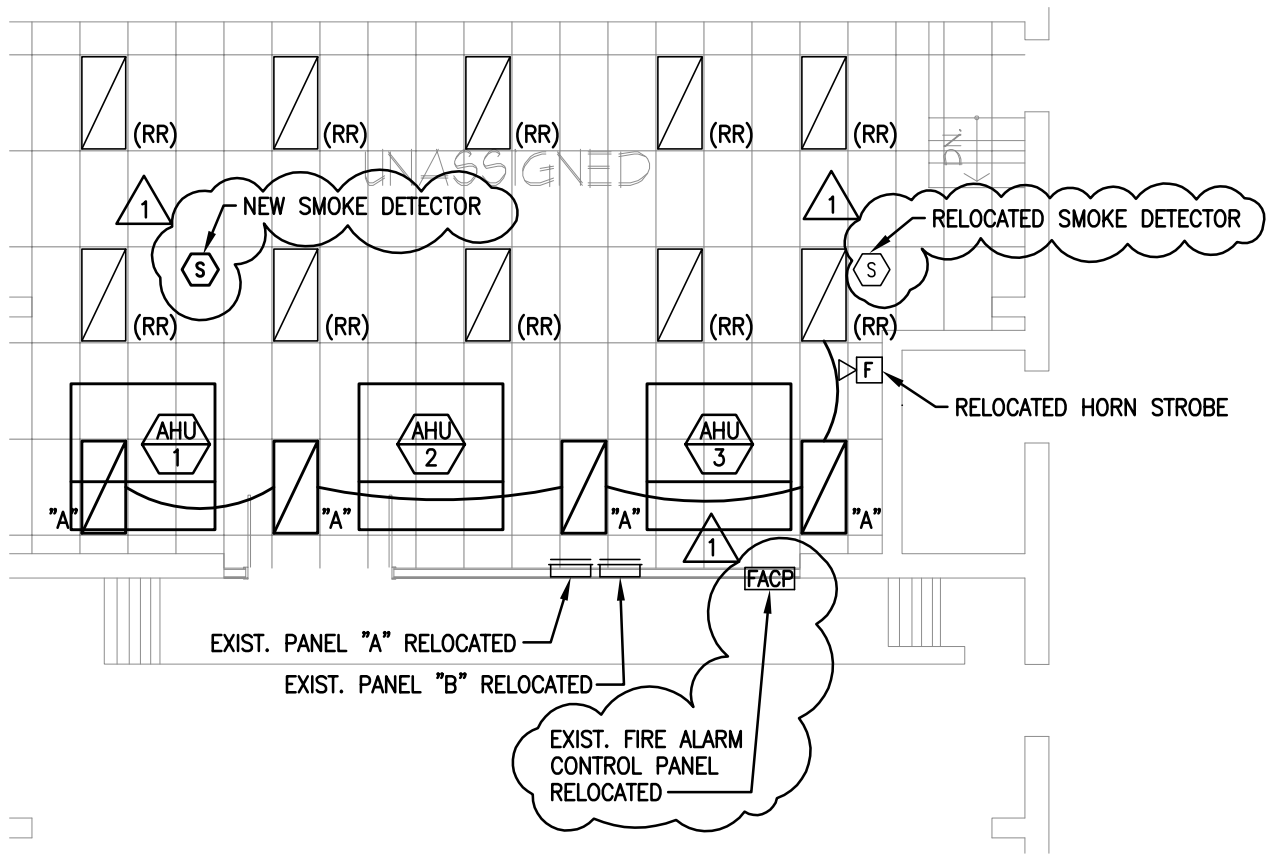
- 13 CONTRACTOR SHALL DISCONNECT THE BRANCH CIRCUIT WIRING FROM THE STAGE PANEL AND LABEL THE CIRCUIT BREAKERS AS SPARE. DISCONNECT AND RETAIN THE LIGHT BAR AND TURN OVER TO OWNER UPON REMOVAL.
- 14 CONTRACTOR SHALL RELOCATE THE EXIST. HORN/STROBE TO THE NEW WALL. REFER TO DRAWING E110 FOR NEW LOCATION. COORDINATE RELOCATION WITH THE FIRE ALARM VENDOR CONTRACTED TO THE DISTRICT.
- 15 CONTRACTOR SHALL TEMPORARILLY SUPPORT THE FIXTURES TO THE STEEL ABOVE FOR REMOVAL OF THE EXISTING CEILING. REFER TO DRAWING E110 FOR REINSTALLATION.
- 16 CONTRACTOR SHALL RELOCATE THE EXISTING FIRE ALARM PANEL AND SMOKE DETECTOR TO THEIR NEW LOCATION. REFER TO DRAWING E110 FOR NEW LOCATIONS. COORDINATE RELOCATION WITH THE FIRE ALARM VENDOR CONTRACTED TO THE DISTRICT. THE EXISTING FIRE ALARM SYSTEM IS MANUFACTURED BY SILENT KNIGHT, MODEL # IFP-1000. CONTRACTOR SHALL COORDINATE RELOCATION OF DEVICES AND ADDITION OF NEW DEVICES WITH SIMPLEX GRINNELL 302-325-6300 OR ANACONDA AT 302-319-3776.

ADDENDUM #3
REFERENCE DWG. E100



COMPUTER ROOM HVAC RENOVATIONS EDEN SUPPORT CENTER		
PROJECT NO. 11069	PARTIAL FLOOR PLANS - DEMOLITION ELECTRICAL	SCALE: AS NOTED
COPYRIGHT 2011 FURLOW ASSOCIATES, INC.		DRAWN BY: WJS
		DATE: 08/17/12

REV.	DESCRIPTION	DATE
DRAWING NO. SKE-01		



2 PARTIAL FIRST FLOOR PLAN
1/8" = 1'-0"

SCHEDULE NOTES:

- 1 (1) SHUT DOWN OF AIR HANDLING UNITS SHALL BE ACCOMPLISHED BY THE USE OF THE AREA DETECTION SYSTEM (AREA SMOKE DETECTORS). CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO THE FIRE ALARM CONTROL PANEL AND PROGRAMMING FOR UNIT SHUT DOWN.
- (2) COORDINATE THE CONDUIT RUN TO THE ACC UNITS THROUGH THE WALL WITH THE MECHANICAL CONTRACTOR

ADDENDUM #3
REFERENCE DWG. E110

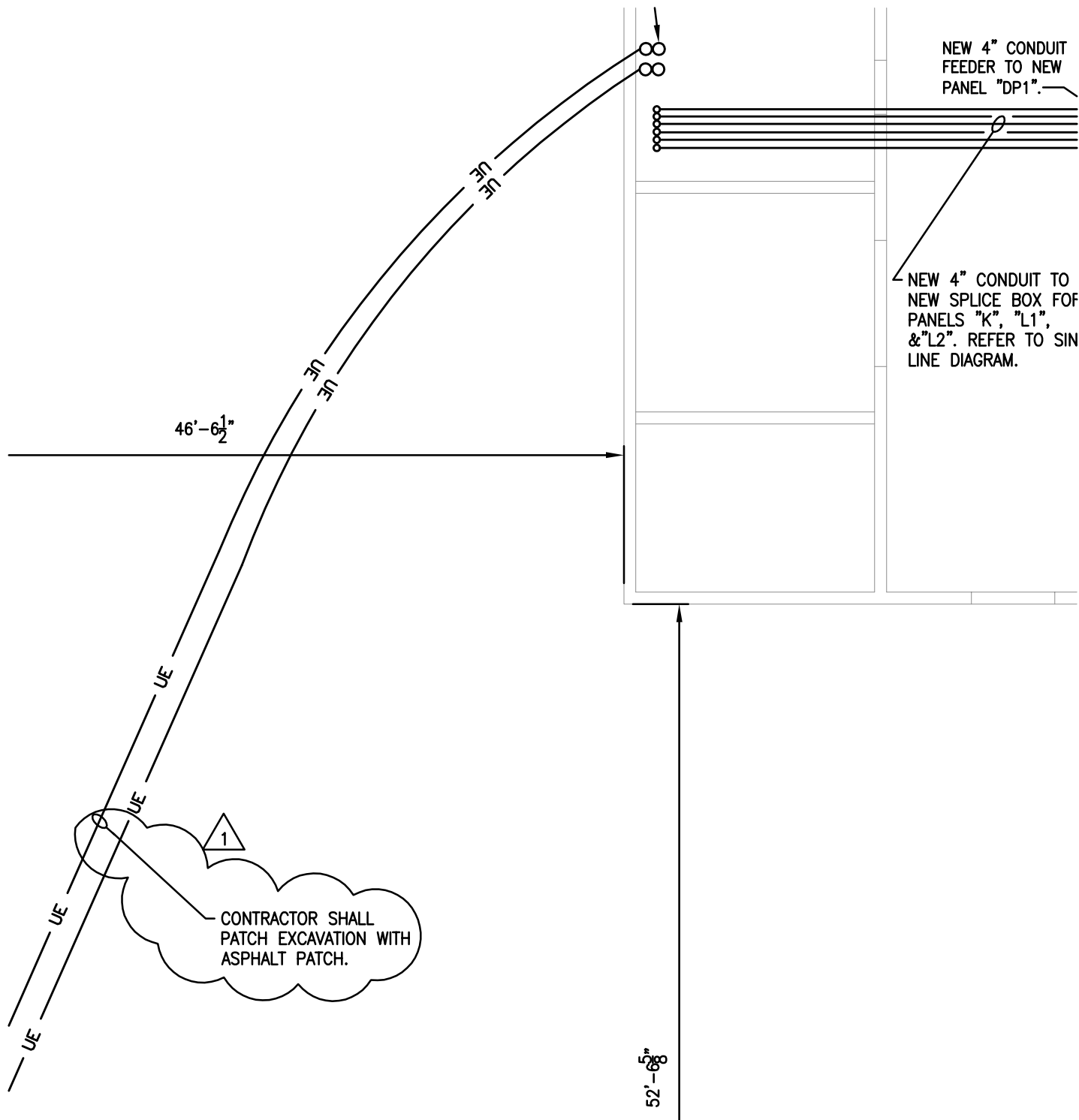


COMPUTER ROOM HVAC RENOVATIONS EDEN SUPPORT CENTER		
PROJECT NO. 11069	PARTIAL FLOOR PLANS - ELECTRICAL	SCALE: AS NOTED
COPYRIGHT 2011 FURLOW ASSOCIATES, INC.		DRAWN BY: WJS
		DATE: 08/17/12



REV.	DESCRIPTION	DATE

DRAWING NO.
SK-E-02

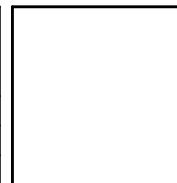


1 PARTIAL LOWER LEVEL PLAN
 $1/8" = 1'-0"$

ADDENDUM #3
 REFERENCE DWG. E110



COMPUTER ROOM HYAC RENOVATIONS EDEN SUPPORT CENTER		
PROJECT NO.	PARTIAL FLOOR PLANS - ELECTRICAL	SCALE: AS NOTED
11069		DRAWN BY: WJS
COPYRIGHT 2011 FURLOW ASSOCIATES, INC.		DATE: 08/17/12



REV.	DESCRIPTION	DATE

DRAWING NO.
SKE-03