



ADDENDUM NO. 01

INFORMAL BID NO. 09-I007-J30

IT Server Room Wire Management, Yuba College

Addendum 01: December 9, 2009
Bid Opening: December 14, 2009, 10:00:00 am
Project Location: **Yuba College Campus**

The following changes to the Project Manual shall become a part of the Contract Documents for:

IT Server Room Wire Management, Yuba College

GENERAL

This addendum supersedes items of the original Project Manual and Drawings wherein it is inconsistent with it. All other conditions remain unchanged.

The following changes, modifications, corrections, additions or clarifications shall apply to the project manual and drawings, shall be made a part of the project manual and shall be subject to all of the requirements thereof as if originally specified or shown therein.

ADDITIONAL INFORMATION TO BIDDERS:

1. After network equipment and servers have been powered down, align the first three server cabinets so the fronts of the cabinets are even. **DO NOT** move server rack #4 & #5 with Avaya VOIP equipment in it. These racks must remain in the existing locations.
2. Provide external floor mounted cabinet seismic bracing brackets for the first three server cabinets. Use Chatsworth, Rack Seismic Gusset Kit (Part # 11592-701), APC NetShelter SX Bolt-Down Kit (Part # AR7701) or equal.

CHANGES TO ELECTRICAL DRAWINGS:

1. Sheet E0.1 (See addendum drawing AD01-E01)
 - a. Delete panel schedule for existing Panel C.
 - b. Revise circuits and load information in the schedule for existing Panel PDU.
2. Sheet E3.1 (See addendum drawing AD01-E02)
 - a. Delete Sheet Keynotes 14 through 19 on the Enlarged Floor Plan.
 - b. Added (2) 30A, 125V twist lock receptacles to the ceiling mounted surface wire way above the equipment rack in the northwest corner of the space.
 - c. Added (1) 30A, 125V twist lock receptacle to the ceiling mounted surface wire way above the phone switch equipment rack.
 - d. Deleted the re-circuiting of the existing receptacles located in the existing surface wire way that runs around the room, low on the wall.

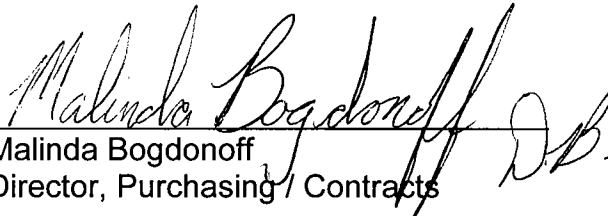
- e. Clarified the routing of the ground conductor from the ground bus bar to the existing Panel PDU.
- 3. Sheet E3.1 (See addendum drawing AD01-E03)
 - a. Delete Sheet Keynotes 14 through 19.
 - b. Revise Sheet Keynotes 12 and 13.

RFIs:

Question: Could you tell me where the PDU is located?


Answer: The location of the PDU (power distribution unit) is shown on Sheet E3.1, "2 ENLARGED FLOOR PLAN – SERVER ROOM – POWER", Keynote #3. It is located in the room you walk through to get into the Server Room. It is located exactly as shown on the plan, it is against the wall separating the two rooms, just to the right of the door between the room, a few feet from (E) Panel "C".

Date: _____


Malinda Bogdonoff
Director, Purchasing / Contracts

SHEET KEYNOTES

- 1 PROVIDE SURFACE WIREWAY ON CEILING. WIREMOLD 4000 OR APPROVED. PROVIDE WITH WIRE CLIPS TO HOLD CONDUCTORS IN PLACE.
- 2 PROVIDE 30A, 125 VAC TWISTLOCK RECEPTACLE IN SURFACE WIREWAY, NEMA L5-30R.
- 3 PROVIDE NEW CIRCUIT BREAKERS IN THE EXISTING PDU. SEE (E) PANEL 'PDU' SCHEDULE ON SHEET E0.1.
- 4 6"X4"X4" J-BOX.
- 5 (E) 100A BRANCH PANEL BOARD WITH (2) 30A RECEPTACLES TO BE REMOVED.
- 6 CORE DRILL THROUGH (E) CONCRETE WALL AS NECESSARY.
- 7 PROVIDE 20A, 125 VAC TWISTLOCK RECEPTACLE IN SURFACE WIREWAY, NEMA L5-20R.
- 8 PROVIDE 20A, 250 VAC TWISTLOCK RECEPTACLE IN SURFACE WIREWAY, NEMA L6-20R.
- 9 GROUND BUS BAR. PROVIDE #3/0 CU GROUND CONDUCTOR FROM BUS BAR TO MAIN GROUND BUS IN (E) PANEL 'PDU'. SEE 3/T1.5.
- 10 (E) 1-1/2" CONDUIT AND CONDUCTORS TO BE REMOVED.
- 11 (E) SURFACE WIREWAY AND RECEPTACLES ON WALL TO REMAIN.

-  12 #3/0 TO PDU GROUND BUS.
- 13 DURING CONSTRUCTION PHASE OF WORK THAT ALLOWS FOR THE SERVER EQUIPMENT TO BE DE-ENERGIZED. CONTRACTOR SHALL REMOVE THE EXISTING MAIN CIRCUIT BREAKER AND INSTALL LANDING LUGS IN ITS PLACE AND RE-ENERGIZE.

ENLARGED FLOOR PLAN - SERVER ROOM - POWER - E3.1



WORKS
ARCHITECTURE, INC. 09-Y02-04

Yuba College
Building 100B -
Wire Management

ADDENDUM #1

ADDENDUM #1

(E) Panel 'PDU'		120/208V, 3 Ph., 4 W. Surface Mounted, Lighting & Appliance Branch Panelboard										
		200A Bus with Main Lug Only / Available Fault: 8087A RMS										2009-0234.01
Ckt. No.	Description / Location	Load (VA) Type	C.B. A/Pole	Note	Ph.	Note	C.B. A/Pole	Load (VA) Type	Description / Location	Ckt. No.		
1	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		A		150/3	15,000 S	(E) PANEL 'C'	2		
3	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		B		---	15,000 S	---	4		
5	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		C		---	15,000 S	---	6		
7	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		A		60/3	640 S	(E) PANEL 'T'	8		
9	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		B		---	640 S	---	10		
11	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		C		---	640 S	---	12		
13	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		A		20/1	180 R	(E) ROOF RECEPTACLE	14		
15	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		B		20/1	694 M	(E) REF-2	16		
17	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		C		20/1	320 L	(E) LIGHTS	18		
19	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		A		20/2	1,200 R	SERV. RM. 250VAC TWSTLCK RECEPT.	20		
21	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		B		---	1,200 R	---	22		
23	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		C		20/2	1,200 R	SERV. RM. 250VAC TWSTLCK RECEPT.	24		
25	SERVER ROOM TWISTLOCK RECEPT.	1,920 R	20/1		A		---	1,200 R	---	26		
27	SERVER ROOM TWISTLOCK RECEPT.	2,600 R	30/1		B		20/2	1,200 R	SERV. RM. 250VAC TWSTLCK RECEPT.	28		
29	SERVER ROOM TWISTLOCK RECEPT.	2,600 R	30/1		C		---	1,200 R	---	30		
31	SERVER ROOM TWISTLOCK RECEPT.	2,600 R	30/1		A		20/2	1,200 R	SERV. RM. 250VAC TWSTLCK RECEPT.	32		
33	SERVER ROOM TWISTLOCK RECEPT.	2,600 R	30/1		B		---	1,200 R	---	34		
35	SERVER ROOM TWISTLOCK RECEPT.	2,600 R	30/1		C		20/2	1,200 R	SERV. RM. 250VAC TWSTLCK RECEPT.	36		
37	SERVER ROOM TWISTLOCK RECEPT.	2,600 R	30/1		A		---	1,200 R	---	38		
39	SPARE		30/1		B		20/2	1,200 R	SERV. RM. 250VAC TWSTLCK RECEPT.	40		
41	SPARE		30/1		C		---	1,200 R	---	42		
43	SPARE		30/1		A		PFB		SPACE	44		
45	SPARE		20/1		B		PFB		SPACE	46		
47	SPARE		20/1		C		PFB		SPACE	48		
49	SPARE		20/1		A		PFB		SPACE	50		
51	SPARE		20/1		B		PFB		SPACE	52		
53	SPARE		20/1		C		PFB		SPACE	54		
55	SPARE		20/1		A		PFB		SPACE	56		
57	SPARE		20/1		B		PFB		SPACE	58		
59	SPARE		PFB		C		PFB		SPACE	60		
61	SPARE		PFB		A		PFB		SPACE	62		
63	SPARE		PFB		B		PFB		SPACE	64		
65	SPARE		PFB		C		PFB		SPACE	66		
67	SPARE		PFB		A		PFB		SPACE	68		
69	SPARE		PFB		B		PFB		SPACE	70		
71	SPARE		PFB		C		PFB		SPACE	72		
73	SPARE		PFB		A		PFB		SPACE	74		
75	SPARE		PFB		B		PFB		SPACE	76		
77	SPARE		PFB		C		PFB		SPACE	78		
79	SPARE		PFB		A		PFB		SPACE	80		
81	SPARE		PFB		B		PFB		SPACE	82		
83	SPARE		PFB		C		PFB		SPACE	84		

Total Connected Load: Ph. A	35,420 VA	295 Amps	Panel Connected Load:	56.2KVA	156.0 Amps
Total Connected Load: Ph. B	34,014 VA	283 Amps	Sub-Fed Connected Load:	0.0KVA	0.0 Amps
Total Connected Load: Ph. C	33,640 VA	280 Amps	Total Demand Load:	33.8KVA	94.0 Amps

Notes:

- DISCONNECT AND REMOVE SUB-FEED TO (E) PANEL 'C' AFTER ALL (E) CIRCUITS HAVE BEEN RE-ROUTED, EXTENDED AND CONNECTED TO PANEL 'PDU'.
- (E) LOADS RE-LOCATED FROM (E) PANEL 'C'. CONTRACTOR SHALL LOCATE AND INTERCEPT (E) CIRCUIT CONDUCTORS AT A CONVENIENT LOCATION AND EXTEND AS NECESSARY.

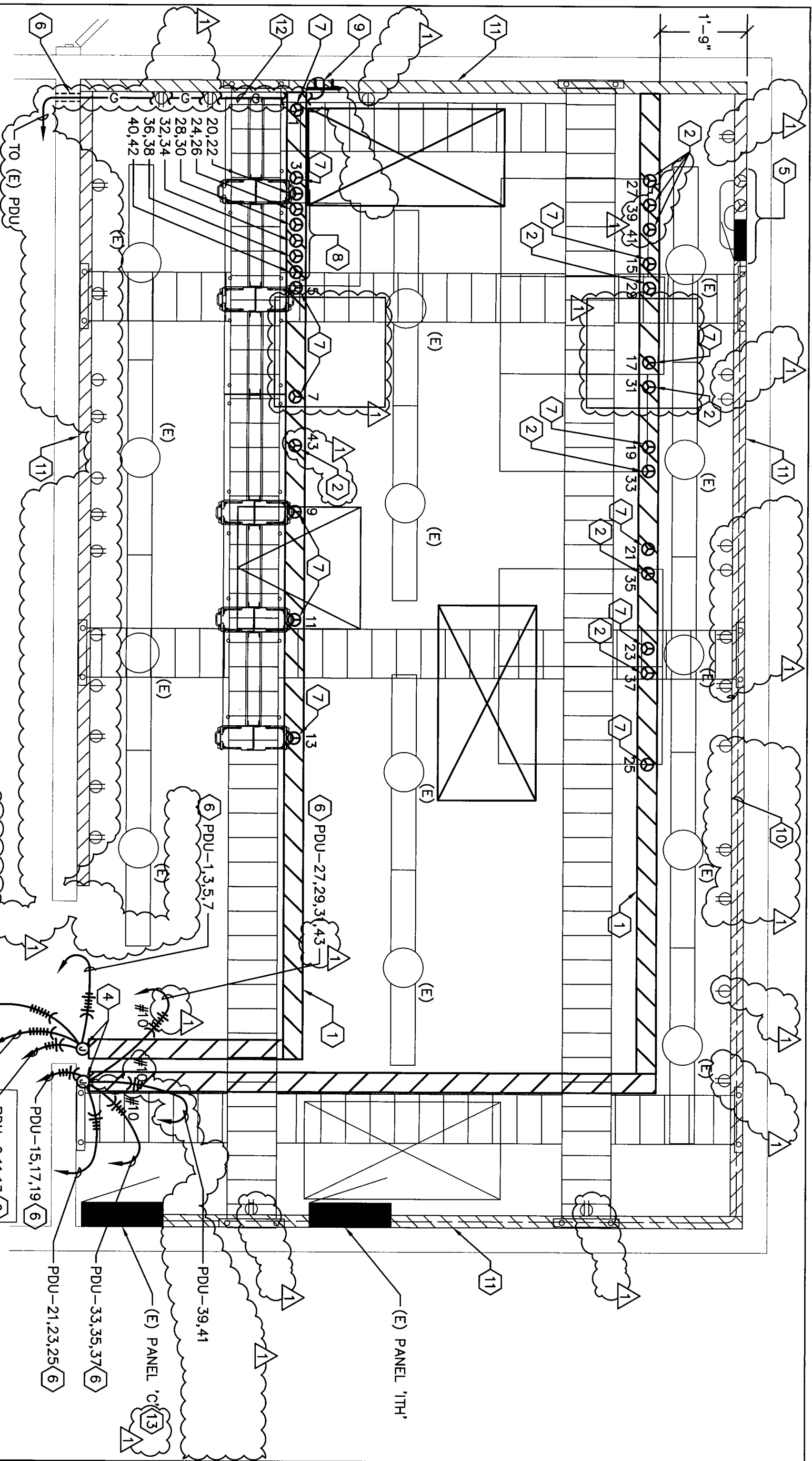
Accessories:

ELECTRICAL SYMBOLS AND ABBREVIATIONS - E0.1

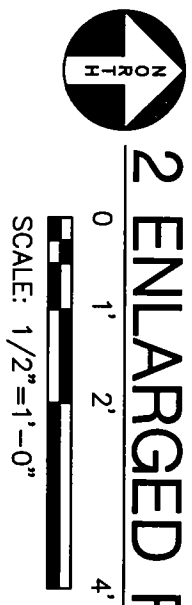


WORKS ARCHITECTURE, INC. 09-Y02-04

Yuba College
 Building 100B -
 Wire Management
 Addendum #1



2 ENLARGED FLOOR PLAN - SERVER ROOM - POWER



ENLARGED FLOOR PLAN - SERVER ROOM - POWER - E3.1