



Addendum No. 3
Page 1 of 7

DATE: May 4, 2016

Joliet Junior College
1215 Houbolt Road
Joliet, IL 60431

TO: Prospective Bidders
SUBJECT: Addendum No. 3
PROJECT NAME: City Center Campus Audio Visual Equipment
JJC PROJECT NO.: B16016

This Addendum forms a part of the Bidding and Contract Documents and modifies the original bidding document as posted on the JJC website. Acknowledge receipt of this addendum in the space provided on the Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

Clarifications/Modifications to bid documents:

A. Questions Received

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Refer to TA204 sheet note 1. For the Baking & Pastry Labs (4001 and 4008), two ceiling mounts for back-to-back display should be provided. For the Chocolate & Sugar Lab 4009, two ceiling mounts for single display should be provided, along with two wall display mounts. The proposed Samsung 24" display replacement is included in the revised 'Appendix A' attached.

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22. For both types of Wiremold floor boxes; each have a variety of covers plates and the cover plates have different costs. Can you please list the required cover plates?
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Thin Profile Wall Mount for those cameras shown as wall mount cameras.***
24. For the Vaddio ZoomShot20 HDMI, it is packaged with the Q Quick-Connect Cat5 transport solution. (150' max) How is this camera with the Quick-Connect system to be incorporated? Will a ceiling box with power be provided?
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Risers between the first and third floors will be located near column grids B and 9.
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The Extron FF220T-D3 is a drop-in ceiling speaker to be used in all general classrooms. See Speaker Schedule and attached 'Appendix A'.

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30. The manual screens for the classrooms (Appendix A, page 11, line 6) indicates that they are to be provided by the owner, The description for them indicate them to be an “Advantage Manual”, however the part number listed is for a Model C? which one is correct? If it is the model C, is the optional hanging hardware being provided as well?
The projection screen for Classroom 5004 is the Da Lite Advantage Manual recessed ceiling manual screen, as specified and listed in the equipment list. This screen will be furnished by the college and installed by the AV integrator. The manual pull screens for the general classrooms will be the Da-Lite Model B, 84 x 84 size, per the stated preference of the college. These screens will be furnished by the college and installed by others.
31. Regarding the short throw projectors in the classrooms, which short throw mount is being provided? Is this mount to be installed by the AV integrator or the GC?
The short throw mount will be furnished by owner and installed by AV integrator. The mount is Epson ELPMB45.
32. Regarding the ceiling mounted monitors, it was explained in the pre-bid meeting that the GC will be responsible for providing and installing the ceiling plate to the deck, and the AVC needs only to provide the extension pole and the mount. Is this correct?
Yes. The ceiling plate directly attached to the unistrut is by others. Please note that the ceiling plates will be suspended to be no higher than 1 foot above ceiling, not attached directly to deck above. The ceiling plate and lower unistrut framing will not be fully tightened to allow adjustment for final location; the AV integrator shall complete tightening.
33. What is the height of the space from the finished ceiling to the deck? What is the finished ceiling height(s)? There was also discussion about the way the pole will extend through the actual finished ceiling, what was the final decision?
Floor-to-floor elevations vary between 14 and 18 feet. Finished ceiling heights are generally 9'-0" a.f.f.. Please note the ceiling plate provided by the GC for attaching the mount pole will be suspended to be no higher than 1 foot above ceiling, not attached directly to deck above. The AV integrator shall provide a trim ring where the mounting pole passes through the ceiling tile. The Chief CMA640-T is suggested as a possible trim ring device.
34. Regarding the ceiling projector in the student dining and server, this projector is being provided by the Owner, but installed by the AVC. The drawings indicated that the projector will hang from a drop in ceiling equipment box, something similar to the FSR CB22. It was mentioned that this ceiling box is being provided and installed by the GC, is the projector mount being provided also? What are the elevations for this space, ceiling height, expected projector height, image height, etc.?
The video projector in the student dining area is provided and installed by the AV integrator. No, the projector mount is being provided and installed by the AV integrator. This mount will interface with the video projector back box. See the BMS LCD-LOCII mount listed in Appendix A. Also, see the attached ‘AV Equipment Provisioning Matrix’.
The video projector and projection screen have been located per best practices video projection design. Dimensional information is not required for bidding purposes. The AV integrator is responsible for verifying field conditions and confirming projector and screen locations, heights, etc., based on best practices. See requirements in the AV Specifications document.

35. Regarding the mounting of the cameras, what are the mounting heights required for the cameras?

Cameras will be mounted no higher than 9'-0" a.f.f., except for the ceiling-mounted cameras at Demonstration Classroom 2003 which are 11'-0" a.f.f..

36. Are there any elevation plans for the Control room and rack risers?

See attached TA-900.

37. What is the pickup pattern needed for the Shure MX418 microphones?

Super-cardioid. This MX418 should be the desk top base version.

38. When is the final date for RFI's?

All bidder questions must be submitted by end of business day on April 27, 2016.

39. Per the specification, we are to provide ADA Assistive Listening Systems per the current code. Can you please clarify and detail what we are to provide for the classrooms and specialty rooms?

The AV integrator shall provide the Assistive Listening Systems as portable systems. The AV integrator shall coordinate with the architect and the college regarding as to locations of audio level signal connection in each of the relevant spaces for the input to the portable transmitters. Each of the two portable systems listed on 'Appendix A – Portable Equipment' shall be housed in a polyurethane AV rack enclosure.

The following rooms will require portable ALS support:

Student Dining, Chef's Table, Demonstration Lab

In the General Classrooms the AV integrator should consider adding an additional audio output connection at the wall connectivity plate (for connecting to the portable ALS transmitter, and terminating this signal cable at the video projector audio output(s); a small 1x2 audio splitter may be required to accommodate the audio amplifier and the ALS system output.

40. Per Drawing TA-702, Items 4 & 5 shows an Extron Cable Cubby for the Conference room and both Groups Study rooms. Can you please provide the model number(s) for these cable boxes?

The proposed model is an Extron Cable Cubby 202; AV integrator to coordinate location and connectivity/cabling specifics with the architect and the college prior to product purchase and installation.

41. After the follow-up meeting at JJC on Tuesday it seemed as if a 3rd addendum would be coming out with some further clarifications? Will there be, and if so will you be extending the response dates a bit?

Refer to addendum #2 for the revised bid due date.

B. Modifications to Drawings and Specifications

1. Sheet TA-600: Replace with attached sheet. AV Schedules have been revised.

2. Sheet TA-900: Add attached sheet. This sheet includes the replacement AV rack layouts, as well as a section drawing of Room 2003, showing the installation location of the 55" Flat Panel Displays (Qty 2). Each of the two displays should be installed equidistant between the room lengthwise center line and one of each of the two side walls.

3. Appendix A: replace with attached.

4. ***AV Equipment Provisioning Matrix: Document for reference clarifying party responsible for furnishing and installation of AV equipment. This information can also be found on the individual room pages in 'Appendix A'.***

C. Clarifications

1. ***SMW has been informed that Sharp has sold its flat panel display business and does not have any plans for future support. Therefore, we have provided updated information on the flat panel display manufacturer and model in Appendix A, as well as dimensional details on schedules, etc. This includes a replacement for the Samsung 24" display.***
2. ***The structural support for the flat panel display pole mounts will be installed by the CDB contractor. The CDB contractor will install the primary unistrut and will include unistrut cross pieces and install the structural pole mount interface plate to those cross pieces. This interface plate will have a 1.5" female threaded opening. This is where the AV integrator will attach the pole extension from the projector mount below. These cross pieces of unistrut and the interface plate will be kept slightly loose so the AV integrator can adjust its position relative to the projector and pole mount position.***
3. ***Please note that the AV equipment rack layouts on TA-900 show the smaller 16x16 AV Matrix Switcher in the 5th floor AV rack. This is to indicate that the AV integrator has the option of locating this matrix switcher on the 5th floor. This may be required should the AV integrator determine that field conditions are such that the CAT6A FTP cable runs will exceed the limit for digital AV over IP. The signal flow drawings remain as is.***

Attachments:

1. Sheet TA-600
2. Sheet TA-900
3. Appendix A
4. AV Equipment Provisioning Matrix

End of addendum #3



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Floor-to-floor elevations vary between 14 and 18 feet. Finished ceiling heights are generally 9'-0" a.f.f.. Please note the ceiling plate provided by the GC for attaching the mount pole will be suspended to be no higher than 1 foot above ceiling, not attached directly to deck above. The AV integrator shall provide a trim ring where the mounting pole passes through the ceiling tile. The Chief CMA640-T is suggested as a possible trim ring device.
34. Regarding the ceiling projector in the student dining and server, this projector is being provided by the Owner, but installed by the AVC. The drawings indicated that the projector will hang from a drop in ceiling equipment box, something similar to the FSR CB22. It was mentioned that this ceiling box is being provided and installed by the GC, is the projector mount being provided also? What are the elevations for this space, ceiling height, expected projector height, image height, etc.?
**The video projector in the student dining area is provided and installed by the AV integrator. No, the projector mount is being provided and installed by the AV integrator. This mount will interface with the video projector back box. See the BMS LCD-LOCII mount listed in Appendix A. Also, see the attached ‘AV Equipment Provisioning Matrix’.
The video projector and projection screen have been located per best practices video projection design. Dimensional information is not required for bidding purposes. The AV integrator is responsible for verifying field conditions and confirming projector and screen locations, heights, etc., based on best practices. See requirements in the AV Specifications document.**

35. Regarding the mounting of the cameras, what are the mounting heights required for the cameras?

Cameras will be mounted no higher than 9'-0" a.f.f., except for the ceiling-mounted cameras at Demonstration Classroom 2003 which are 11'-0" a.f.f..

36. Are there any elevation plans for the Control room and rack risers?

See attached TA-900.

37. What is the pickup pattern needed for the Shure MX418 microphones?

Super-cardioid. This MX418 should be the desk top base version.

38. When is the final date for RFI's?

All bidder questions must be submitted by end of business day on April 27, 2016.

39. Per the specification, we are to provide ADA Assistive Listening Systems per the current code. Can you please clarify and detail what we are to provide for the classrooms and specialty rooms?

The AV integrator shall provide the Assistive Listening Systems as portable systems. The AV integrator shall coordinate with the architect and the college regarding as to locations of audio level signal connection in each of the relevant spaces for the input to the portable transmitters. Each of the two portable systems listed on 'Appendix A – Portable Equipment' shall be housed in a polyurethane AV rack enclosure.

The following rooms will require portable ALS support:

Student Dining, Chef's Table, Demonstration Lab

In the General Classrooms the AV integrator should consider adding an additional audio output connection at the wall connectivity plate (for connecting to the portable ALS transmitter, and terminating this signal cable at the video projector audio output(s); a small 1x2 audio splitter may be required to accommodate the audio amplifier and the ALS system output.

40. Per Drawing TA-702, Items 4 & 5 shows an Extron Cable Cubby for the Conference room and both Groups Study rooms. Can you please provide the model number(s) for these cable boxes?

The proposed model is an Extron Cable Cubby 202; AV integrator to coordinate location and connectivity/cabling specifics with the architect and the college prior to product purchase and installation.

41. After the follow-up meeting at JJC on Tuesday it seemed as if a 3rd addendum would be coming out with some further clarifications? Will there be, and if so will you be extending the response dates a bit?

Refer to addendum #2 for the revised bid due date.

B. Modifications to Drawings and Specifications

1. Sheet TA-600: Replace with attached sheet. AV Schedules have been revised.

2. Sheet TA-900: Add attached sheet. This sheet includes the replacement AV rack layouts, as well as a section drawing of Room 2003, showing the installation location of the 55" Flat Panel Displays (Qty 2). Each of the two displays should be installed equidistant between the room lengthwise center line and one of each of the two side walls.

3. Appendix A: replace with attached.

4. ***AV Equipment Provisioning Matrix: Document for reference clarifying party responsible for furnishing and installation of AV equipment. This information can also be found on the individual room pages in 'Appendix A'.***

C. Clarifications

1. ***SMW has been informed that Sharp has sold its flat panel display business and does not have any plans for future support. Therefore, we have provided updated information on the flat panel display manufacturer and model in Appendix A, as well as dimensional details on schedules, etc. This includes a replacement for the Samsung 24" display.***
2. ***The structural support for the flat panel display pole mounts will be installed by the CDB contractor. The CDB contractor will install the primary unistrut and will include unistrut cross pieces and install the structural pole mount interface plate to those cross pieces. This interface plate will have a 1.5" female threaded opening. This is where the AV integrator will attach the pole extension from the projector mount below. These cross pieces of unistrut and the interface plate will be kept slightly loose so the AV integrator can adjust its position relative to the projector and pole mount position.***
3. ***Please note that the AV equipment rack layouts on TA-900 show the smaller 16x16 AV Matrix Switcher in the 5th floor AV rack. This is to indicate that the AV integrator has the option of locating this matrix switcher on the 5th floor. This may be required should the AV integrator determine that field conditions are such that the CAT6A FTP cable runs will exceed the limit for digital AV over IP. The signal flow drawings remain as is.***

Attachments:

1. Sheet TA-600
2. Sheet TA-900
3. Appendix A
4. AV Equipment Provisioning Matrix

End of addendum #3

LOUDSPEAKER SCHEDULE (S)							
TYPE	MANUFACTURER	MODEL	MOUNTING	BACK CAN MODEL	SUPPORT HARDWARE/ YOKE/TILE BRIDGING	DEPTH, INSTALLED	NOTES
S-01	JBL	CTRL 28CT	N/A	N/A	N/A	8.3"	
S-02	JBL	CTRL 28DT	N/A	N/A	Atlas BMT95-8-7	7"	
S-03	JBL	CTRL 84PIT	N/A	N/A	N/A	N/A PENDANT	
S-04	EXTRON	FF220T-03	CEILING TILE DROP IN				INCLUDE SAFETY CABLES AT FOUR CORNERS
S-05	INNOVOX	S/2.1US	WALL SURFACE	N/A	N/A	1.75"	

FLAT PANEL DISPLAY SCHEDULE (FPD)							
TYPE	SCREEN SIZE	SPEAKERS	MOUNTING	GENERAL DIMENSIONS*	POWER	WEIGHT	NOTES
FPD-02	24"	INTEGRAL	WALL	13"x22"x2"	120VAC / .4A	7.5 LBS	
FPD-03	32"	INTEGRAL	WALL	18"x30"x2"	120VAC / .5A	18 LBS	
FPD-04	48"	INTEGRAL	WALL	25"x43"x3"	120VAC / 1A	35 LBS	
FPD-05	55"	INTEGRAL	WALL	28"x49"x3"	120VAC / 1.2A	56 LBS	
FPD-06	65"	INTEGRAL	WALL	33"x57"x3"	120VAC / 1.5A	80 LBS	
FPD-07	70"	INTEGRAL	WALL	37"x63"x4"	120VAC / 2A	108 LBS	
FPD-08	80"	INTEGRAL	WALL	43"x73"x4"	120VAC / 2.5A	134 LBS	

GENERAL NOTES:
A. *DISPLAY DIMENSIONS REFLECT A CROSS SECTION OF MANUFACTURERS AND IS NOT INDICATIVE OF A PARTICULAR MANUFACTURER OR MODEL. DIMENSION IS THE MAXIMUM ACROSS COMMON MODELS IN A GIVEN SCREEN SIZE.
B. REFER TO RESPECTIVE ARCHITECTURAL AND INTERIORS ELEVATIONS FOR EXACT LOCATION OF SCREEN.
C. AV INTEGRATOR TO COORDINATE WITH ARCHITECT AND OWNER FOR EXACT LOCATIONS OF FPD'S

MANUAL FRONT PROJECTION SCREEN SCHEDULE (MPS)									
TYPE	MANUFACTURER	MODEL	SCREEN FABRIC	SCREEN SIZE	EXTRA DROP	MOUNTING	CASE DIMENSIONS	WEIGHT	NOTES
MPS-01	Da Lite	36441	Da Matte	60"x96"		Wall	7-3/4"x105-1/2"x6-3/8"	95 lbs	1
MPS-02	Da Lite	20897	Da Matte	65"x104"		Ceiling	7-3/4"x113-1/2"x6-3/8"	98lbs	1
									1
									1
									1
									1

GENERAL NOTES:
A. SCREEN SHALL BE TENSIONED AND SEAMLESS, WITHOUT PERFORATIONS. SCREENS SHALL HAVE BLACK BACKING IN ORDER TO BLOCK AMBIENT LIGHT.
B. REFER TO RESPECTIVE ARCHITECTURAL PLAN FOR LOCATION OF SCREEN.
C. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. CASE SIZE AND LOCATION TO BE VERIFIED IN FIELD.
D. MANUAL PROJECTION SCREENS SHALL BE PURCHASED BY OWNER AND INSTALLED BY CDB GENERAL CONTRACTOR

ELECTRIC FRONT PROJECTION SCREEN SCHEDULE (EPS)											
TYPE	MANUFACTURER	MODEL	SCREEN FABRIC	SCREEN SIZE	EXTRA DROP	MOUNTING	CASE DIMENSIONS	POWER REQUIREMENT	LOW VOLTAGE CONTROL MODEL NUMBER	WEIGHT	NOTES
EPS-01	Da Lite	20848LS	Da Matte	65"x104"	STD 12"	REC CEIL	7-3/4"x122-1/2"x6-3/8"	120V 2.4A	#40973	114 LBS	1.2

GENERAL NOTES:
A. SCREEN SHALL BE TENSIONED AND SEAMLESS, WITHOUT PERFORATIONS. SCREENS SHALL HAVE BLACK BACKING IN ORDER TO BLOCK AMBIENT LIGHT.
B. REFER TO RESPECTIVE ARCHITECTURAL PLAN FOR LOCATION OF SCREEN.
C. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. CASE SIZE AND LOCATION TO BE VERIFIED IN FIELD.
NOTES:
1. PROVIDE LOW VOLTAGE MULTI-CONTROL NEMA 1 ENCLOSURE AND LOW VOLTAGE CONTROL WIRING SYSTEM.
2. PROJECTION SCREEN TO BE PURCHASED THROUGH JJC; GC TO INSTALL CHASSIS; AV INTEGRATOR TO INSTALL SCREEN AND ROLLER

SPECIALTY BACK BOX SCHEDULE (SB)									
TYPE	MANUFACTURER	MODEL	COVER	CONFIGURATION			DIMENSIONS	DEPTH	NOTES
				AV	PWR	TELECOM			
SB-01	CHIEF MFG	PACS25FCW	HINGED	N/A	1	1	14.25" X 9"	3.9"	Wall Mount
V-SB	FSR	CB22P	HINGED	2RU	1	1	23.7" X 23.7"	6"	Ceiling Mount

NOTES:
1. COORDINATE COVER TYPE WITH FLOOR FINISH TYPE AND ARCHITECTURAL ROOM FINISH SCHEDULE
2. COORDINATE BOX ENCLOSURE OR PRE-INSTALL BOX WITH FLOOR STRUCTURE
3. POKE THROUGH ASSEMBLY PURCHASED THROUGH JJC AND INSTALLED BY GC; AV INTEGRATOR TO PURCHASE AND INSTALL COVER PLATES AND INTERNAL CONNECTIVITY PLATES
4. FLOOR BOX ASSEMBLY PURCHASED THROUGH JJC AND INSTALLED BY GC; AV INTEGRATOR TO PURCHASE AND INSTALL INTERNAL CONNECTIVITY PLATES

FLOORBOX SCHEDULE (FB)										
TYPE	MANUFACTURER	MODEL	COVER	CONFIGURATION			DIMENSIONS	DEPTH	NOTES	
				AV	PWR	TC				
FB-01	WIREMOLD	EPBIS-OG	(NOTE 1)	4-GANG	1-GANG	1-GANG	15-1/4" x 11-1/4"	4"	1,2,4	
FB-01	WIREMOLD	BATC	(NOTE 1)	6-GANG	1-GANG	1-GANG	16-1/4" x 9-1/4"	3-1/2"	1,3	

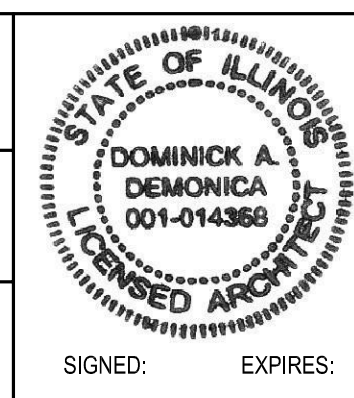
EQUIPMENT SCHEDULE (EQS)			
NO.	LOCATION	EQUIPMENT TYPE	MOUNTING
CAM-01	CEILING	PTZ CAMERA	CEILING
CAM-02	CEILING	FIXED CAMERA	CEILING
CAM-03	WALL	PTZ CAMERA	WALL MOUNT
CAM-04	INSTR STATION	PTZ CAMERA WITH ARTICULATING ARM	THROUGH SURFACE
CAM-05	INSTR STATION	FIXED CAMERA WITH ARTICULATING ARM	THROUGH SURFACE
EPS-01	CEILING	ELECTRIC PROJECTION SCREEN	FLUSH MOUNT IN CEILING
ER-01	AV CLOSET	44RU EQUIPMENT RACK	FLOOR MOUNT
ER-01-F	AV CLOSET	FUTURE 44RU EQUIPMENT RACK	FLOOR MOUNT
ER-03	AV CTRL RM	12RU EQUIPMENT RACK	UNDER COUNTER TOP
ER-04	AV CTRL RM	44RU EQUIPMENT RACK	FLOOR MOUNT- ON CASTERS
FB-01	FLOOR	AV FLOOR BOX	FLUSH MOUNT
FB-02	FLOOR	AV FLOOR BOX - POKE THROUGH	FLUSH MOUNT
FPD-XX-F		FUTURE FLAT PANEL DISPLAY	RECESSED WALL
FPD-02		FLAT PANEL DISPLAY 24"	POLE MOUNT
FPD-03		FLAT PANEL DISPLAY 32"	RECESSED WALL
FPD-04		FLAT PANEL DISPLAY 47"	VARIES
FPD-05		FLAT PANEL DISPLAY 55"	VARIES
FPD-06		FLAT PANEL DISPLAY 65"	VARIES
FPD-07		FLAT PANEL DISPLAY 70"	VARIES
FPD-08	LOBBY	FLAT PANEL DISPLAY 80"	VARIES
KS-01	STUDENT SERV	KEY SWITCH FOR ELECTRIC PROJECTION SCREEN	WALL
IP-01	WALL	AV INPUT CONNECTIVITY PANEL (HDBT) QTY 2	FLUSH MOUNT
IP-02	WALL	AV INPUT CONNECTIVITY PANEL (HDMI) QTY 2	FLUSH MOUNT
IP-03	FLOOR BOX	AV INPUT CONNECTIVITY PANEL (HDBT) QTY 1	
MPS-01	WALL	MANUAL PROJECTION SCREEN 60X96	WALL MOUNT
MPS-02	WALL	MANUAL PROJECTION SCREEN 65X104	WALL MOUNT
RX-01		HDBT RECEIVER (1 GANG DEVICE)	WALL / FLOOR BOX
RX-02		HDBT RECEIVER	BEHIND DISPLAY / IN SPEC BOX
S-01		CEILING SPEAKER	CEILING TILE MOUNT
S-02		CEILING SPEAKER WITH BACK CAN	GYPSUM CEILING MOUNT
S-03	CHEF'S TABLE	PENDANT SPEAKER	HUNG FROM CEILING DECK
S-04	PRIVATE DINING	COLUMNAR SPEAKER FOR FLAT PANEL DISPLAY	WALL
TP-01	HOSTESS	TOUCH CONTROL PANEL - 7" DIAG DISPLAY	HOSTESS STAND TABLE TOP
TP-02	CULINARY LABS	TABLET CONTROL SURFACE	TABLE TOP QUICK RELEASE MOUNT
TX-01		HDBT TRANSMITTER PANEL	WALL / FLOOR BOX
TX-02		HDBT TRANSMITTER	EQUIP RACK / SPECIALTY BBOX
VP-01	STUDENT SERV	VIDEO PROJECTOR	CEILING MOUNT
VP-02	CLASSROOMS	VIDEO PROJECTOR - SHORT THROW	WALL MOUNT WITH INCLUDED ARM
VP-03	RM 5004	VIDEO PROJECTOR	CEILING MOUNT
WAP		WIRELESS ACCESS POINT	SURFACE CEILING
WM-1	EQUIP RACK	WIRELESS MICROPHONE RECEIVER	RACK MOUNT

JOLIET JUNIOR COLLEGE CITY CENTER Multimedia Systems Power & Heat Load Calculations					
4/11/2016					
		Power (Watts)		Heat Load (BTU/Hr)	
ROOM NAME	Location	PEAK	QUESCENT	PEAK	QUESCENT
LOBBY / RECEPTION / CORRIDORS	In-Room	2,490	2,004	6,813	6,854
	In-Equip. Rack	0	0	0	0
CHEP'S TABLE	In-Room	630	16	1,724	55
	In-Equip. Rack	0	0	0	0
MEAT FABRICATION	In-Room	175	7	479	24
	In-Equip. Rack	0	0	0	0
DEMONSTRATION CLASSROOM	In-Room	560	6	1,532	21
	In-Equip. Rack	0	0	0	0
DEMO CLASS CONTROL ROOM	In-Room	800	285	2,189	975
	In-Equip. Rack	2,790	295	7,633	1,009
COMPETITION LAB	In-Room	0	0	0	0
	In-Equip. Rack	0	0	0	0
STUDENT DINING	In-Room	1,005	9	2,750	31
	In-Equip. Rack	0	0	0	0
LOUNGE	In-Room	200	2	547	7
	In-Equip. Rack	0	0	0	0
CONFERENCE ROOM	In-Room	330	2	803	7
	In-Equip. Rack	0	0	0	0
AV RACK ROOM	In-Room	800	285	2,189	975
	In-Equip. Rack	2,790	295	7,633	1,009
GARDE MANGER	In-Room	620	269	1,696	920
	In-Equip. Rack	0	0	0	0
CLASSROOM	In-Room	475	20	1,300	68
	In-Equip. Rack	0	0	0	0
#REF!	In-Room	0	0	0	0
	In-Equip. Rack	0	0	0	0
COMPUTER CLASSROOM / MATH LAB / ENGLISH LAB	In-Room	475	20	1,300	68
	In-Equip. Rack	0	0	0	0
LAB	In-Room	610	21	1,669	72
	In-Equip. Rack	0	0	0	0
PRODUCTION LAB	In-Room	480	29	1,313	99
	In-Equip. Rack	0	0	0	0
TESTING CENTER / TUTORING	In-Room	745	9	2,038	31
	In-Equip. Rack	0	0	0	0
GROUP STUDY	In-Room	200	0	547	0
	In-Equip. Rack	0	0	0	0

NOTE: CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS		
NO.	DESCRIPTION	DATE
01	REVISION A	09.16.14
02	REVISION B	09.16.14
03	REVISION C	10.29.14
04	AV 100% DD FINAL REVISION	11.24.15
05	100% CD FOR CONSTRUCTION	03.25.16
06	UPDATED REVISIONS	05.03.16

DRAWN	PREPARED
TL	RST
TRACED	APPROVED
TL	RST
CHECKED	APPROVED
TL	RST



DKA DEMONICA KEMPER ARCHITECTS
125 N. HALSTED STREET, SUITE 301
CHICAGO, IL 60661
P: 312.496.0000

KJWW ENGINEERING
1100 WARRENVILLE ROAD, #400W
NAPERVILLE, IL 60563
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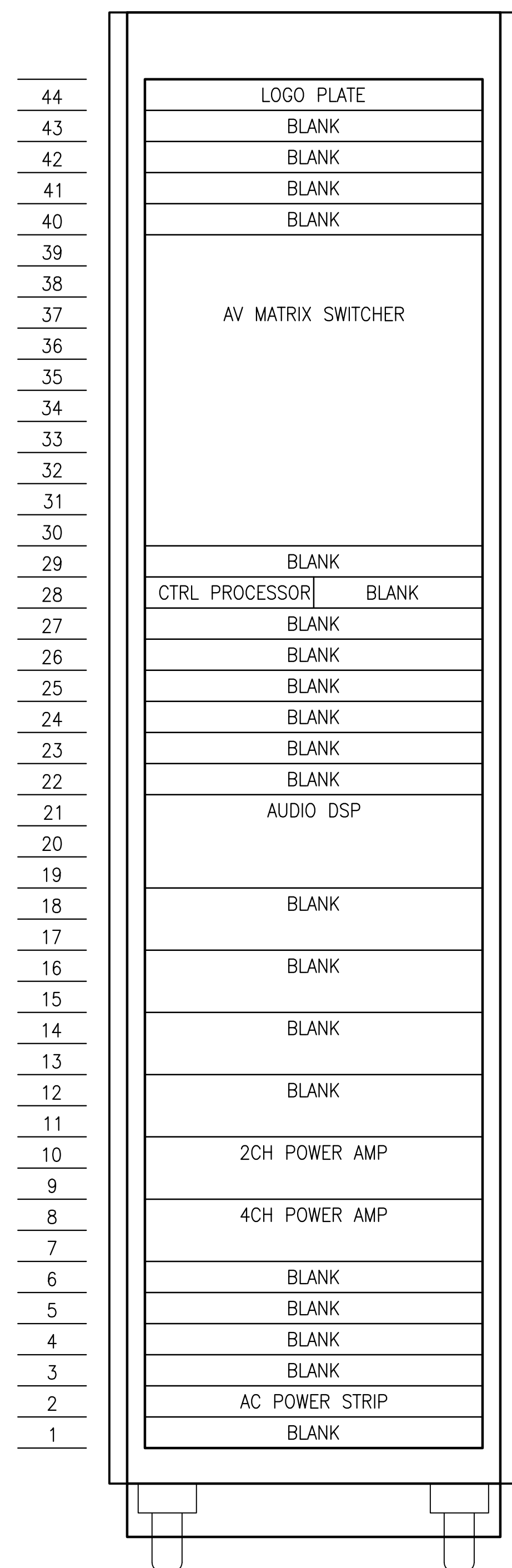
EFW E.F. WHITNEY, INC.
568 ANN STREET
BIRMINGHAM, MI 48009
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SM&W SHEN MILSOM WILKE LLC
2 N. RIVERSIDE PLAZA
CHICAGO, IL 60606
T: 312.559.4585

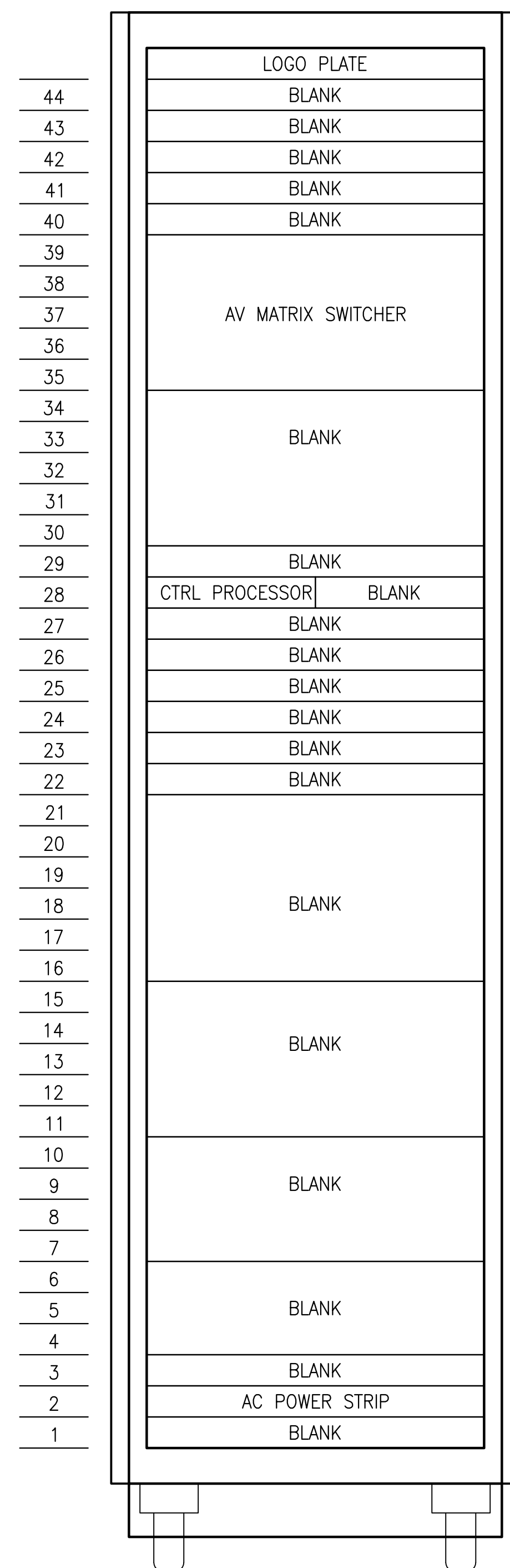
100% CD FOR CONSTRUCTION AUDIOVISUAL SCHEDULES		PROJECT NO.
CITY CENTER CAMPUS JOLIET JUNIOR COLLEGE		DATE APRIL 21, 2016
		SHEET NO. TA600

GENERAL NOTE:
 1. AV INTEGRATOR TO DETERMINE RACK LAYOUTS FOR SHOP SUBMITTALS AFTER A SITE WALK THROUGH TO DETERMINE CONDUIT/PATHWAY DISTANCES

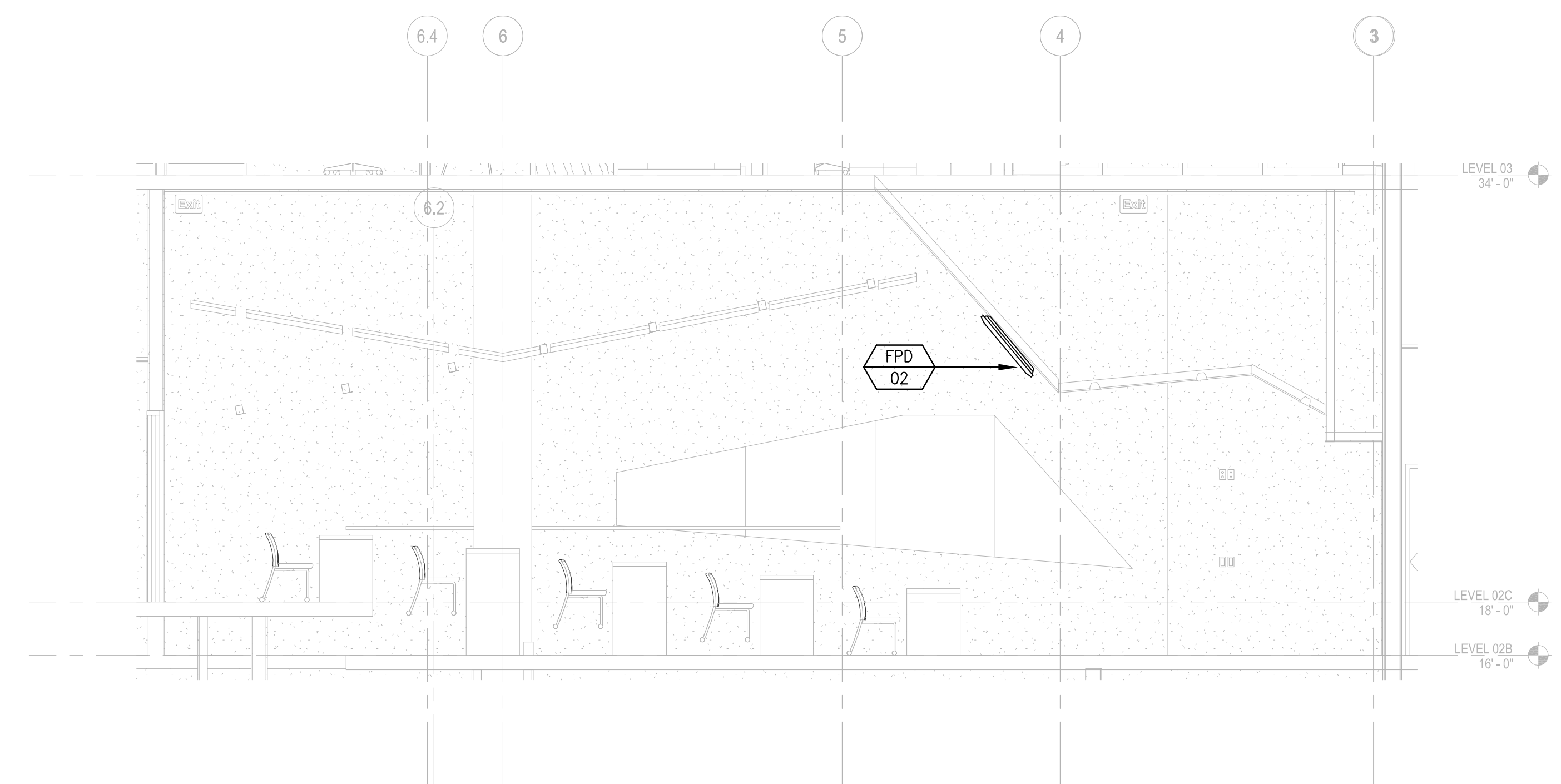
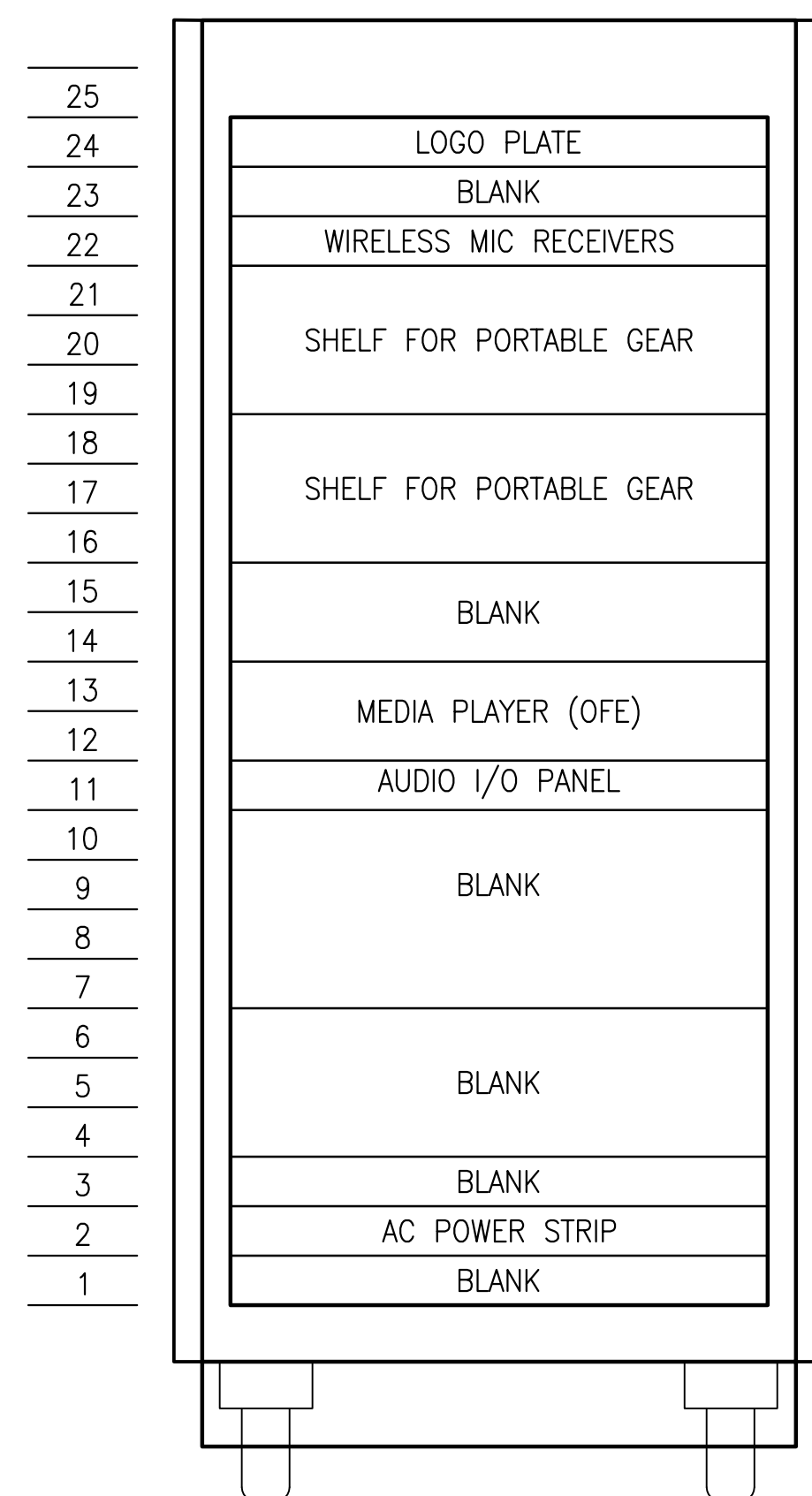
CONROL ROOM 2003A
ER-01



AV RACK RM 5TH FLOOR
ER-01



CONROL ROOM 2003A
ER-03



1 AUDIOVISUAL RACK ELEVATIONS
NTS

1 AUDIOVISUAL WALL SECTION - DEMONSTRATION CLASSROOM 2003 PLAN SOUTH
1/4" = 1'-0"

NOTE: CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>REVISION A</td> <td>09.16.14</td> </tr> <tr> <td>02</td> <td>REVISION B</td> <td>09.16.14</td> </tr> <tr> <td>03</td> <td>REVISION C</td> <td>10.29.14</td> </tr> <tr> <td>04</td> <td>AV 100% DD FINAL REVISION</td> <td>11.24.15</td> </tr> <tr> <td>05</td> <td>100% CD FOR CONSTRUCTION</td> <td>03.25.16</td> </tr> <tr> <td>06</td> <td>UPDATED REVISIONS</td> <td>05.03.16</td> </tr> </tbody> </table>			NO.	DESCRIPTION	DATE	01	REVISION A	09.16.14	02	REVISION B	09.16.14	03	REVISION C	10.29.14	04	AV 100% DD FINAL REVISION	11.24.15	05	100% CD FOR CONSTRUCTION	03.25.16	06	UPDATED REVISIONS	05.03.16	DRAWN: TL PREPARED: RST TRACED: TL APPROVED: RST CHECKED: TL APPROVED: RST	 SIGNED: _____ EXPIRES: _____	 DEMONICA KEMPER ARCHITECTS 125 N. HALSTED STREET, SUITE 301 CHICAGO, IL 60661 P: 312.496.0000	 KJWW ENGINEERING 1100 WARRENVILLE ROAD, #400W NAPERVILLE, IL 60563 T: 312.559.4585	 E.F. WHITNEY, INC. 568 ANN STREET BIRMINGHAM, MI 48009 T: 248.644.0990	 SHEN MILSOM WILKE LLC 2 N. RIVERSIDE PLAZA CHICAGO, IL 60606 T: 312.559.4585	100% CD FOR CONSTRUCTION AUDIOVISUAL WALL ELEVATIONS CITY CENTER CAMPUS JOLIET JUNIOR COLLEGE	PROJECT NO. DATE: APRIL 21, 2016 SHEET NO. TA900
NO.	DESCRIPTION	DATE																													
01	REVISION A	09.16.14																													
02	REVISION B	09.16.14																													
03	REVISION C	10.29.14																													
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06	UPDATED REVISIONS	05.03.16																													

Appendix A						
Chef's Table & Private Dining 1001,1002,1004						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
CONTROL						
1	iOS Tablet Device	Apple	Air II		1	
2	Docking Station for Apple Air II with through desk mount and quick release	Monitors in Motion	Tablet Docking Station		1	
	Other control systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
DISPLAY AND VIDEO						
3	24" Class Flat Panel Display	Planar	PXN2470MW		2	
4	48" Flat Panel Display	Panasonic	TH-48LFE8		2	
5	70" Flat Panel Display	Panasonic	TH-70LF50U		1	
6	Desktop Mount for 24" Display w/through desk mount and VESA adaptor plate	Monitors in Motion	BOA		2	
7	Wall Mount for 48" Flat Panel Display	Premier	CTM-MS2		2	
8	Wall Mount for Recessed 70" Flat Panel Display	Chief	MWR1W		1	
9	In-Wall Accessory Kit	Chief	PAC525FCW		1	
10	HD PTZ Video Camera	Vaddio	RoboShot 30 HDMI		2	
	Ceiling mount for PTZ camera	Vaddio	See Addendum 3		2	
	Other video transport & switching systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
AUDIO						
11	Wireless Microphone System	Shure	QLXD14/93		1	
12	Podium Miniature Gooseneck Microphone with momentary switch	Shure	MX418D-S		1	
13	Pendant Ceiling 70V Loudspeaker	JBL	Control 64 PT		4	
14	Ceiling Loudspeaker 70V	JBL	Control 26DT		9	
15	Ceiling Loudspeaker Back Can	Atlas	BMT95-8-7		9	
16	Wall Mount Columnar Loudspeaker (each)	Innovox	SL-2.1US		2	
MISCELLANEOUS HARDWARE						
17	8 Gang Floor Box (FBO)	Wiremold Legrand	EFB8S-OG		1	
18	Custom I/O panels				LOT	
19	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal blocks, etc., necessary to insure a complete and operating system.				LOT	
20	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored in pocket, audiovisual equipment racks.				LOT	
NOTE: Floor Box Pre-Purchased as part of the AV budget; back box and temporary cover plate installed by CDB Contractor; AV connectivity plates and finish cover plate provided and installed by AV Contractor						
NOTE: AV Integrator to coordinate with the Architect and Owner exact locations for displays, cameras and touch control panels with desktop or articulating arm mounts						
NOTE: Electric Projection Screen to be provided by the AV Integrator; Screen Casing to be installed by CDB General Contractor; screen roller to be installed by AV Integrator						

Appendix A						
Demonstration Lab & Control Room 2003,2003A						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
CONTROL (see Display & Video)						
1	Tablet Control App/License for tablet users	Extron	LinkLicense		1	
2	iOS Tablet Device	Apple	Air II		2	
3	Docking Station for Apple Air II with through desk mount and quick release	Monitors in Motion	Tablet Docking Station		2	
	Other control systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
DISPLAY & VIDEO						
4	HD PTZ Video Camera	Vaddio	RoboShot 30 HDMI		3	
5	HD PTZ Video Camera	Vaddio	RoboShot 12 HDMI		1	
6	55" Flat Panel Display	Panasonic	TH-55LFE8		2	
7	Wall/Ceiling Mount for 55" Flat Panel Display	Premier	CTM-MS2		2	
8	Ceiling Mount for PTZ camera	Vaddio	See Addendum 3		3	
9	Wall mount for PTZ camera	Vaddio	See Addendum 3		1	
10	24" Flat Panel Display	Planar	PXN2470MW		3	
11	Wall Mount for 24" Flat Panel Display	Premier	DS509		3	
	Other video transport & switching systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
AUDIO						
12	Wireless Microphone System	Shure	QLXD14/93		1	
13	Pendant Ceiling 70V Loudspeaker	JBL	Control 64 PT		4	
14	4 CH Power Amplifier 260W per CH	Crown	CTS4200		1	
15	2CH Power Amplifier 300W per CH	Crown	CTS600		1	
MISCELLANEOUS HARDWARE						
16	Full Height Equipment Rack	Middle Atlantic	WRK-44-32		1	
17	Caster Base for WRK-44-32	Middle Atlantic	CBS-MRK-31		1	
18	Partial Height Equipment Rack	Middle Atlantic	WRK-24-32		1	
19	AV Rack Power Strips with Surge Protection	SurgeX	SX1120-RT		2	
20	Custom I/O panels				LOT	
21	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal blocks, etc., necessary to insure a complete and operating system.				LOT	

Appendix A						
Demonstration Lab & Control Room 2003,2003A						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
22	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored in pocket, audiovisual equipment racks.				LOT	
NOTE: Floor Box Pre-Purchased as part of the AV budget; back box/poke through and temporary cover plate installed by CDB contractor; AV connectivity plates and finish cover plate provided and installed by AV Contractor						
NOTE: AV Integrator to coordinate with the Architect and Owner exact locations for displays, cameras and touch control panels with desktop or articulating arm mounts						

Appendix A						
Competition Lab 2002						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
CONTROL (see Display & Video)						
1	iOS Tablet Device	Apple	Air II		1	
2	Docking Station for Apple Air II with through desk mount and quick release	Monitors in Motion	Tablet Docking Station		1	
3	Foot Switch Controller - For momentary camera switching trigger	Altech	FL1 SU1		1	
	Other control systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
DISPLAY & VIDEO						
4	HD PTZ Video Camera	Vaddio	RoboShot 30 HDMI		6	
5	Ceiling Mount for PTZ Camera	Vaddio	See Addendum 3		6	
6	48" Flat Panel Display	Panasonic	TH-48LFE8		1	
7	32" Flat Panel Display	Samsung	ED32D		2	
8	Wall Mount for 48" Flat Panel Display	Premier	CTM-MS2		1	
9	Ceiling Mount for 32" Flat Panel Display	Chief	LCM Single Display		2	
	Other video transport & switching systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
AUDIO						
10	Wireless Microphone System	Shure	QLXD14/93		1	
11	Ceiling Loudspeaker 70V	JBL	Control 26CT		15	
MISCELLANEOUS HARDWARE						
12	Custom I/O panels				LOT	
13	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal blocks, etc., necessary to insure a complete and operating system.				LOT	
14	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored in pocket, audiovisual equipment racks.				LOT	
NOTE: Floor Box Pre-Purchased as part of the AV budget; back box/poke through and temporary cover plate installed by CDB contractor; AV connectivity plates and finish cover plate provided and installed by AV Contractor						
NOTE: AV Integrator to coordinate with the Architect and Owner exact locations for displays, cameras and touch control panels with desktop or articulating arm mounts						

Appendix A						
Student Dining & Servery 2000, 2001						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
CONTROL (see Display & Video)						
1	AV Control - Handheld remote included with projector	Epson	N/A	_____	1	_____
DISPLAY & VIDEO						
2	70" Flat Panel Display	Panasonic	TH-70LF50U	_____	1	_____
3	48" Flat Panel Display	Panasonic	TH-48LFE8	_____	2	_____
4	Video Projector Ceiling Mount Adaptor	BMS	LCD-LOCII	_____	1	_____
5	1.5" Pipe and other required hardware					
6	4000 Lumen Video Projector	Epson	4855WU		1	
	Other video transport & switching systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
AUDIO						
7	Ceiling Loudspeaker 70V	JBL	Control 26DT	_____	6	_____
8	Ceiling Loudspeaker Back Can	Atlas	BMT95-8-7	_____	6	_____
MISCELLANEOUS HARDWARE						
9	Electric Ceiling Mount Projection Screen	Da-Lite	#20848LS Tensioned Advantage	_____	1	_____
10	Key Switch for Projection Screen	Da-Lite		_____	1	_____
11	Custom I/O panels			_____	LOT	_____
12	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal blocks, etc., necessary to insure a complete and operating system.			_____	LOT	_____
13	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored in pocket, audiovisual equipment racks.			_____	LOT	_____
NOTE: Video Projector Purchased and installed by AV contractor						
NOTE: Projection Screen Purchased and installed by AV Contractor						
NOTE: AV Integrator to coordinate with the Architect and Owner exact locations for displays, cameras and touch control panels with desktop or articulating arm mounts						

Appendix A						
Garde Manger 3002 (Culinary Lab)						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
CONTROL (see Display & Video)						
1	Tablet Control App/License for tablet users				1	
2	iOS Tablet Device	Apple	Air II		1	
3	Docking Station for Apple Air II with through desk mount and quick release	Monitors in Motion	Tablet Docking Station		1	
4	Foot Switch Controller - For momentary camera switching trigger	Altech	FL1 SU1		1	
	Other control systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
DISPLAY & VIDEO						
5	HD PTZ Video Camera	Vaddio	RoboShot 30 HDMI		1	
6	HD PTZ Video Camera (Future)	Vaddio	RoboShot 12 HDMI		0	
7	48" Flat Panel Display	Panasonic	TH-48LFE8		2	
8	32" Flat Panel Display	Samsung	ED32D		1	
9	Ceiling Mount for 48" Flat Panel Display	Chief	LCM Single Display		2	
10	Ceiling Mount for 32" Flat Panel Display	Chief	LCM Single Display		1	
11	Ceiling Mount for PTZ camera	Vaddio	See Addendum 3		1	
	Other video transport & switching systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
MISCELLANEOUS HARDWARE						
12	Custom I/O panels				LOT	
13	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal blocks, etc., necessary to insure a complete and operating system.				LOT	
14	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored in pocket, audiovisual equipment racks.				LOT	
NOTE: Floor Box Pre-Purchased as part of the AV budget; back box/poke through and temporary cover plate installed by CDB contractor; AV connectivity plates and finish cover plate installed by AV Contractor						
NOTE: AV Integrator to coordinate with the Architect and Owner exact locations for displays, cameras and touch control panels with desktop or articulating arm mounts						

Appendix A						
Baking Pastry Labs 4001, 4008, 4009						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
CONTROL (see Display & Video)						
1						
2	Tablet Control App/License for tablet users				1	
3	iOS Tablet Device	Apple	Air II		3	
4	Docking Station for Apple Air II with through desk mount and quick release	Monitors in Motion	Tablet Docking Station		1	
5	Foot Switch Controller - For momentary camera switching trigger	Altech	FL1 SU1		1	
	Other control systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
DISPLAY & VIDEO						
6	HD PTZ Video Camera	Vaddio	RoboShot 30 HDMI		1	
7	HD PTZ Video Camera	Vaddio	RoboShot 12 HDMI		1	
8	55" Flat Panel Display	Panasonic	TH-55LFE8		2	
10	24" Class Flat Panel Display	Planar	PXN2470MW		2	
11	Ceiling Pole Dual Mount	Chief	MCM		2	
11	Ceiling Mount for PTZ camera	Vaddio	See Addendum 3		1	
	Other video transport & switching systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
MISCELLANEOUS HARDWARE						
12	Custom I/O panels				LOT	
13	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal blocks, etc., necessary to insure a complete and operating system.				LOT	
14	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored in pocket, audiovisual equipment racks.				LOT	
NOTE: Floor Box Pre-Purchased as part of the AV budget; back box/poke through and temporary cover plate installed by CDB contractor; AV connectivity plates and finish cover plate installed by AV Contractor						
NOTE: AV Integrator to coordinate with the Architect and Owner exact locations for displays, cameras and touch control panels with desktop or articulating arm mounts						

Appendix A						
Production Labs 5001,5008						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
CONTROL (see Display & Video)						
1	Tablet Control App/License for tablet users				1	
2	iOS Tablet Device	Apple	Air II		1	
3	Docking Station for Apple Air II with through desk mount and quick release	Monitors in Motion	Tablet Docking Station		1	
4	Foot Switch Controller - For momentary camera switching trigger	Altech	FL1 SU1		1	
	Other control systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
DISPLAY & VIDEO						
5	55" Flat Panel Display	Panasonic	TH-55LFE8		2	
6	32" Flat Panel Display	Samsung	ED32D		2	
7	Ceiling Mount for 55" Flat Panel Display	Chief	XCM1U		2	
8	Ceiling Mount for 32" Flat Panel Display	Chief	LCM Single Display		2	
9	HD PTZ Video Camera	Vaddio	RoboShot 30 HDMI		1	
10	HD PTZ Video Camera	Vaddio	RoboShot 12 HDMI		1	
11	Ceiling Mount for PTZ camera	Vaddio	See Addendum 3		1	
12	Wall Mount for PTZ Camera	Vaddio	See Addendum 3		1	
	Other video transport & switching systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
MISCELLANEOUS HARDWARE						
13	Custom I/O panels				LOT	
14	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal blocks, etc., necessary to insure a complete and operating system.				LOT	
15	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored in pocket, audiovisual equipment racks.				LOT	
NOTE: Floor Box Pre-Purchased as part of the AV budget; back box/poke through and temporary cover plate installed by CDB contractor; AV connectivity plates and finish cover plate provided and installed by AV Contractor						
NOTE: AV Integrator to coordinate with the Architect and Owner exact locations for displays, cameras and touch control panels with desktop or articulating arm mounts						

Appendix A						
Meat Lab						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
CONTROL (see Display & Video)						
1	AV Control - Handheld remote included with flat panel display	Sharp	N/A	_____	1	_____
DISPLAY & VIDEO						
2	HD Fixed Lens Video Camera w/manual	Vaddio	RoboShot 12 HDMI	_____	1	_____
3	48" Flat Panel Display	Panasonic	TH-48LFE8	_____	1	_____
4	Wall mount for 48" Flat Panel Display	Premier	P2642F	_____	1	_____
5	Articulating arm with through desk mount for PTZ camera	Cuzzi	DW630W	_____	1	_____
	Other video transport & switching systems components through custom quotation process	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]		
MISCELLANEOUS HARDWARE						
6	Custom I/O panels			_____	LOT	_____
7	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal blocks, etc., necessary to insure a complete and operating system.			_____	LOT	_____
8	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored in pocket, audiovisual equipment racks.			_____	LOT	_____
NOTE: AV Integrator to coordinate with the Architect and Owner exact locations for displays, cameras and touch control panels with desktop or articulating arm mounts						

Appendix A						
Custom Quotes						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
1	Control Systems Package	Extron	Custom Quote #6663147	_____	1	_____
2	Post Bid Award Add Alternate: Design Build Quote for IPTV System	AV Bidding Contractors		_____	LOT	_____

Appendix A						
Classrooms, Typical						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
CONTROL (see Display & Video)						
1	AV Control - Handheld remote included with projector	Epson	N/A	_____	1	_____
DISPLAY & VIDEO						
2	3400 Lumen Short Throw Video Projector including Arm Projector Mount and other required hardware	Epson	PL535W	_____	1	_____
AUDIO						
3	Small Format Power Amplifier 40W/70V	Extron	MPA401	_____	1	_____
4	Ceiling Loudspeaker 70V	Extron	FF220T-D3	_____	4	_____
MISCELLANEOUS HARDWARE						
5	Poke Through Box	Wiremold Legrand	8STC	_____	1	_____
6	Manual Wall Mount Projection Screen	Da-Lite	#36441 Advantage Manual	_____	1	_____
7	Custom I/O panels			_____	LOT	_____
8	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal blocks, etc., necessary to insure a complete and operating system.			_____	LOT	_____
9	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored in pocket, audiovisual equipment racks.			_____	LOT	_____
NOTE: Floor Box Pre-Purchased as part of the AV budget; back box/poke through and temporary cover plate installed by CDB contractor; AV connectivity plates and finish cover plate provided and installed by AV Contractor						
NOTE: Video Projectors Purchased by Owner as part of the AV budget; installed by AV integrator						
NOTE: Projection Screens Purchased by Owner as part of the AV budget; installed by CDB Contractor						

Appendix A						
Classroom, Standard Projection 5004						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
CONTROL (see Display & Video)						
1	AV Control - Handheld remote included with projector	Epson	N/A	_____	1	_____
DISPLAY & VIDEO						
2	4000 Lumen Video Projector - Ceiling Mount	Epson	4855WU	_____	1	_____
3	Video Projector Ceiling Mount Adaptor	BMS	LCD-LOCII	_____	1	_____
4	1.5" Pipe and other required hardware for projector mount to building structure	N/A	N/A	_____		_____
AUDIO						
5	Small Format Power Amplifier 40W/70V	Extron	MPA401	_____	1	_____
6	Ceiling Loudspeaker 70V	JBL	Control 26CT	_____	4	_____
MISCELLANEOUS HARDWARE						
7	Manual Wall Mount Projection Screen	Da-Lite	#20902 Advantage Manual	_____	1	_____
8	Custom I/O panels			_____	LOT	_____
9	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal blocks, etc., necessary to insure a complete and operating system.			_____	LOT	_____
10	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored in pocket, audiovisual equipment racks.			_____	LOT	_____
NOTE: Video Projectors Purchased and installed by AV Integrator						
NOTE: Projection Screens Purchased by Owner as part of the AV budget; installed by AV Integrator						

Appendix A							
General Student Spaces 1000, 1102, 6004, 6005D, 6005E (Lobby, Elevators, Lounges, Group Study, Tutoring)							
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.	
CONTROL (see Display & Video)							
1	AV Control - Handheld remote included with projector	Epson	N/A	_____	1	_____	
2	AV Control - Handheld remote included with flat panel display	Sharp	N/A	_____	1	_____	
DISPLAY & VIDEO							
3	80" Flat Panel Display	Panasonic	TH-80LF50U	_____	1	_____	
4	32" Flat Panel Display	Samsung	ED32D	_____	1	_____	
5	55" Flat Panel Display	Panasonic	TH-55LFE8	_____	2	_____	
6	Wall mount for recessed 80" FPD	Chief	PWR1W	_____	1	_____	
7	Wall mount for recessed 32" FPD	Chief	MWR1W	_____	1	_____	
8	Wall mount for 55" FPD	Premier	CTM-MS2	_____	2	_____	
9	3400 Lumen Short Throw Video Projector	Epson	PL535W	_____	1	_____	
	<i>Other video transport & switching systems components through custom quotation process</i>	Extron	Custom Quote #6663147	[Refer to Custom Quotation Page #9, Appendix A]			
MISCELLANEOUS HARDWARE							
10	Poke Through Box	Wiremold Legrand	8STC	_____	1	_____	
11	Manual Wall Mount Projection Screen	Da-Lite	#36441 Advantage Manual	_____	1	_____	
12	Custom I/O panels			_____	LOT	_____	
13	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal blocks, etc., necessary to insure a complete and operating system.			_____	LOT	_____	
14	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored in pocket, audiovisual equipment racks.			_____	LOT	_____	
NOTE: Floor Box Pre-Purchased as part of the AV budget; back box/poke through and temporary cover plate installed by CDB Contractor; AV connectivity plates and finish cover plate provided and installed by AV Contractor							
NOTE: Video Projectors Purchased by Owner as part of the AV budget; installed by AV integrator							
NOTE: Projection Screens Purchased by Owner as part of the AV budget; installed by CDB Contractor							
NOTE: AV Integrator to coordinate with the Architect and Owner exact locations for displays, cameras and touch control panels with desktop or articulating arm mounts							

Appendix A						
Administration Spaces 1008, 1009,3018,6002						(Reception, Front
Desk, Conference Room, Student Support Offices (corridor 3017), Testing Center)						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
CONTROL (see Display & Video)						
1	AV Control - Handheld remote included with projector	Epson	N/A		0	
DISPLAY & VIDEO						
2	65" Flat Panel Display	Panasonic	TH-65LFE8		1	
3	48" Flat Panel Display	Panasonic	TH-48LFE8		1	
4	32" Flat Panel Display	Samsung	ED32D		2	
5	24" Flat Panel Display	Planar	PXN2470MW		2	
6	Wall mount for 65" FPD	Chief	LSM1U		1	
7	Wall mount for recessed 48" FPD	Chief	MWR1W		1	
8	Wall mount for 24" Flat Panel Display	Premier	DS509		2	
9	Ceiling Mount for Flat Panel Display	Chief	XCM1U		2	
AUDIO						
10	1CH Audio Power Amplifier 70V	Extron	MPA-401		1	
11	Ceiling Loudspeaker 70V including appropriate back box for Gypsum ceiling	JBL	Control 26DT		4	
MISCELLANEOUS HARDWARE						
12	Poke Through Box	Wiremold Legrand	8STC		1	
13	Custom I/O panels				LOT	
14	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal blocks, etc., necessary to insure a complete and operating system.				LOT	
15	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored in pocket, audiovisual equipment racks.				LOT	
NOTE: Floor Box Pre-Purchased as part of the AV budget; back box/poke through and temporary cover plate installed by CDB Contractor; AV connectivity plates and finish cover plate provided and installed by AV Contractor						
NOTE: AV Integrator to coordinate with the Architect and Owner exact locations for displays, cameras and touch control panels with desktop or articulating arm mounts						

Appendix A						
AV Rack Rooms 5107						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
MISCELLANEOUS HARDWARE						
1	44 RU Equipment Rack	Middle Atlantic	MRK4431		1	
2	AV Rack Power Strips with Surge Protection	SurgeX	SX1120-RT		1	
3	Custom I/O panels				LOT	
4	Miscellaneous hardware, switches, relays panels, connectors, cabling, lamps, terminal				LOT	
5	Set audiovisual systems functional drawings, shall be photo-reproduced laminated & stored				LOT	
NOTE: Power and Conduit to be installed and terminated at AV equipment rack by CDB contractor with ground isolation insert between conduit						

Appendix A						
Portable Equipment						
Item #	Product	Manuf.	Model #	Unit	Qty	Ext.
1	Assisted Listening System w/ antennae and 4 Receivers, accessories, etc.	Listen Technologies	LS88	_____	1	_____
2	Additional Receivers	Listen Technologies	LR4200-IR	_____	8	_____
3	Charging/Storage Case	Listen Technologies	LA-380	_____	1	_____
4	Wireless Microphone System	Shure	QLXD14/93	_____	2	_____
5	Portable AV equipment rack	Gator Cases	GR series	As required		

Appendix A - Joliet Junior College							
MASTER RECAP - BASE BID SYSTEMS							
AREA	QUANTITY of SPACES	EQUIPMENT	ENGINEERING	PRE-INSTALL	INSTALL	G&A	AREA TOTAL
Chef's Table & Private Dining 1001,1002,1004	1						
Demonstration Lab & Control Room 2003,2003A	1						
Competition Lab 2002	1						
Student Dining & Servery 2000, 2001	1						
Garde Manger 3002 (Culinary Lab)	1						
Baking Pastry Labs 4001, 4008, 4009	3						
Production Labs 5001,5008	2						
Meat Lab	1						
Custom Quotes	1						
Classrooms, Typical	21						
Classroom, Standard Projection 5004	1						
General Student Spaces 1000, 1102, 6004, 6005D, 6005E (Lobby, Elevators, Lounges, Group Study, Tutoring)	1						
Administration Spaces 1008, 1009,3018,6002 (Reception, Front Desk, Conference Room, Student Support Offices (corridor 3017), Testing Center)	1						
AV Rack Rooms 5107	1						
Portable Equipment	1						
TOTALS							

AV EQUIPMENT PROVISIONING MATRIX

DEVICE	FURNISHED BY	INSTALLED BY
SHORT THROW PROJECTOR	JJC	AV INTEGRATOR
SHORT THROW ARM MOUNT	JJC	AV INTEGRATOR
WALL MOUNT PROJECTION SCREEN	JJC	CDB CONTRACTOR
WALL MOUNT SCREEN BRACKETS	JJC	CDB CONTRACTOR
CEILING MOUNT PROJECTOR RM 5004	AV INTEGRATOR	AV INTEGRATOR
RECESSED CEILING MOUNT MANUAL PROJECTION SCREEN RM 5004	JJC	AV INTEGRATOR
PROJECTOR MOUNT (AT PROJECTOR) WITH 1.5" THREADED PIPE	AV INTEGRATOR	AV INTEGRATOR
PROJECTOR CEILING TRIM RING FOR CEILING PIPE PASS THROUGH	AV INTEGRATOR	AV INTEGRATOR
STRUCTURAL UNISTRUT AND 1.5" PIPE THREADED PLATE	CDB CONTRACTOR	CDB CONTRACTOR
1.5" THREADED PIPE EXTENSION	AV INTEGRATOR	AV INTEGRATOR
CEILING MOUNT PROJECTOR STUDENT DINING	AV INTEGRATOR	AV INTEGRATOR
RECESSED CEILING MOUNT ELECTRIC PROJECTION SCREEN STUDENT DINING	AV INTEGRATOR	
RECESSED CEILING MOUNT ELECTRIC PROJECTION SCREEN HOUSING	AV INTEGRATOR	CDB CONTRACTOR
RECESSED CEILING MOUNT ELECTRIC PROJECTION SCREEN ROLLER ASSEMBLY	AV INTEGRATOR	AV INTEGRATOR
PROJECTOR SPECIALTY CEILING BACK BOX	CDB CONTRACTOR	CDB CONTRACTOR
PROJECTOR MOUNT (AT PROJECTOR)	AV INTEGRATOR	AV INTEGRATOR
1.5" THREADED PIPE EXTENSION	AV INTEGRATOR	AV INTEGRATOR
AV FLOOR BOX - ON GRADE WITH TEMPORARY COVER	CDB CONTRACTOR	CDB CONTRACTOR
AV FLOOR BOX AV CONNECTIVITY PLATES	AV INTEGRATOR	AV INTEGRATOR
AV FLOOR BOX FINISH COVER PLATE	AV INTEGRATOR	AV INTEGRATOR
AV POKE THROUGH FLOOR BOX WITH TEMPORARY COVER	CDB CONTRACTOR	CDB CONTRACTOR
AV POKE THROUGH CONNECTIVITY PLATES	AV INTEGRATOR	AV INTEGRATOR
AV POKE THROUGH FINISH COVER PLATE	AV INTEGRATOR	AV INTEGRATOR
AC OUTLET PLATES AND DATA PORT PLATES IN FLOOR BOXES	CDB CONTRACTOR	CDB CONTRACTOR
FLAT PANEL DISPLAYS	AV INTEGRATOR	AV INTEGRATOR
FLAT PANEL DISPLAY WALL MOUNT	AV INTEGRATOR	AV INTEGRATOR
FLAT PANEL DISPLAY CEILING MOUNT	AV INTEGRATOR	AV INTEGRATOR
STRUCTURAL UNISTRUT AND 1.5" PIPE THREADED PLATE	CDB CONTRACTOR	CDB CONTRACTOR
1.5" THREADED PIPE EXTENSION	AV INTEGRATOR	AV INTEGRATOR