



Addendum No. 1
Page 1 of 1

DATE: April 14, 2016

Joliet Junior College
1215 Houbolt Road
Joliet, IL 60431

TO: Prospective Bidders
SUBJECT: Addendum No. 1
PROJECT NAME: City Center Campus Audio Visual Equipment
JJC PROJECT NO.: B16016

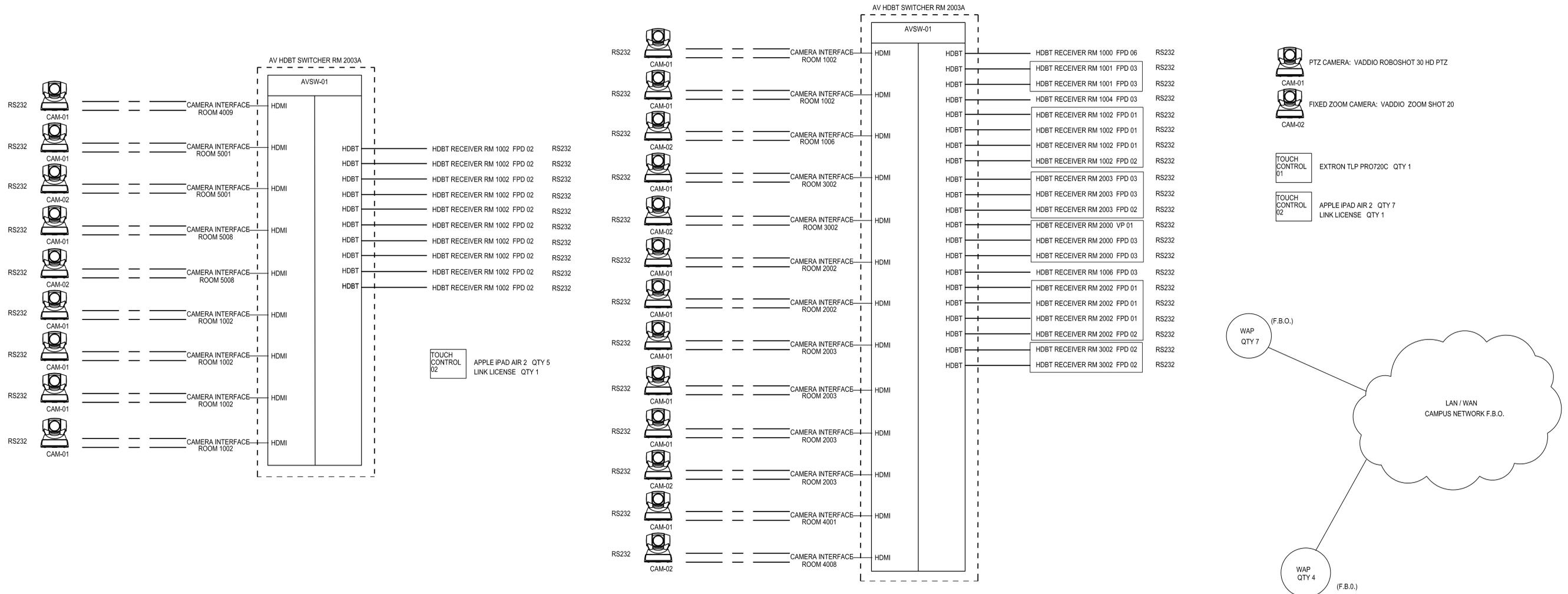
This Addendum forms a part of the Bidding and Contract Documents and modifies the original bidding document as posted on the JJC website. Acknowledge receipt of this addendum in the space provided on the Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

Clarifications/Modifications to bid documents:

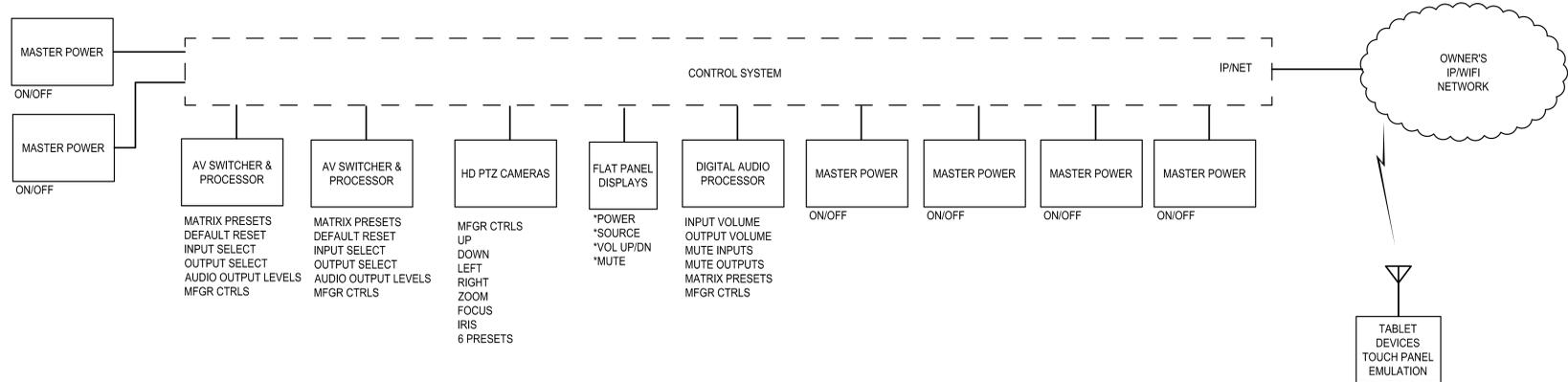
1. A second scope review meeting will be held on April 26, 2016 at 9:00a.m. in room L1005 (same as pre-bid meeting). This meeting is not mandatory. However, bidders are encourage to attend for further scope clarification. The AV consultant will be in attendance to answer questions.
2. Addendum questions may be submitted anytime. However, final questions will be due by the end of the business day on April 29, 2016. A final addendum will be issued by the end of the day May 4, 2016.
3. The bid due date will be extended to May 10, 2016 at 9:00a.m. Location/room number remain the same.
4. The following drawings are included in this addendum:

TA707 AUDIOVISUAL SIGNAL FLOW DIAGRAMS
TA800 AUDIOVISUAL DETAILS
TA801 AUDIOVISUAL DETAILS
TA802 AUDIOVISUAL DETAILS
TA803 AUDIOVISUAL DETAILS
TA804 AUDIOVISUAL DETAILS
TA805 AUDIOVISUAL DETAILS
TA806 AUDIOVISUAL DETAILS

End of addendum #1



1 AUDIOVISUAL CONTROL FLOW DIAGRAM
SCALE: NTS

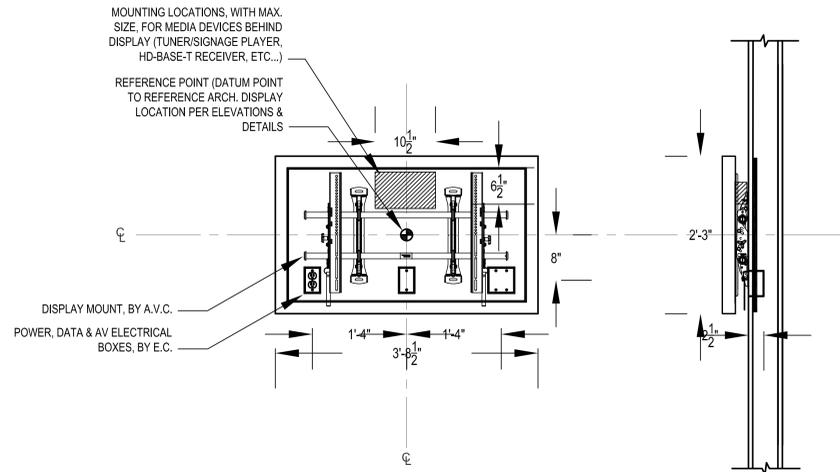


1 AUDIOVISUAL CONTROL DIAGRAM
NTS

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

REVISIONS			DRAWN	PREPARED					100% CD FOR CONSTRUCTION		PROJECT NO.
NO.	DESCRIPTION	DATE	TL	RST					AUDIOVISUAL SIGNAL FLOW DIAGRAMS		CDB 810-048-023
01	REVISION A	09.16.14	TRACED	APPROVED							DATE
02	REVISION B	09.16.14	TL	RST							SHEET NO.
03	REVISION C	10.29.14	CHECKED	APPROVED					CITY CENTER CAMPUS JOLIET JUNIOR COLLEGE		TA707
04	AV 100% DD FINAL REVISION	11.24.15	TL	RST							
05	100% CD FOR CONSTRUCTION	03.25.16									

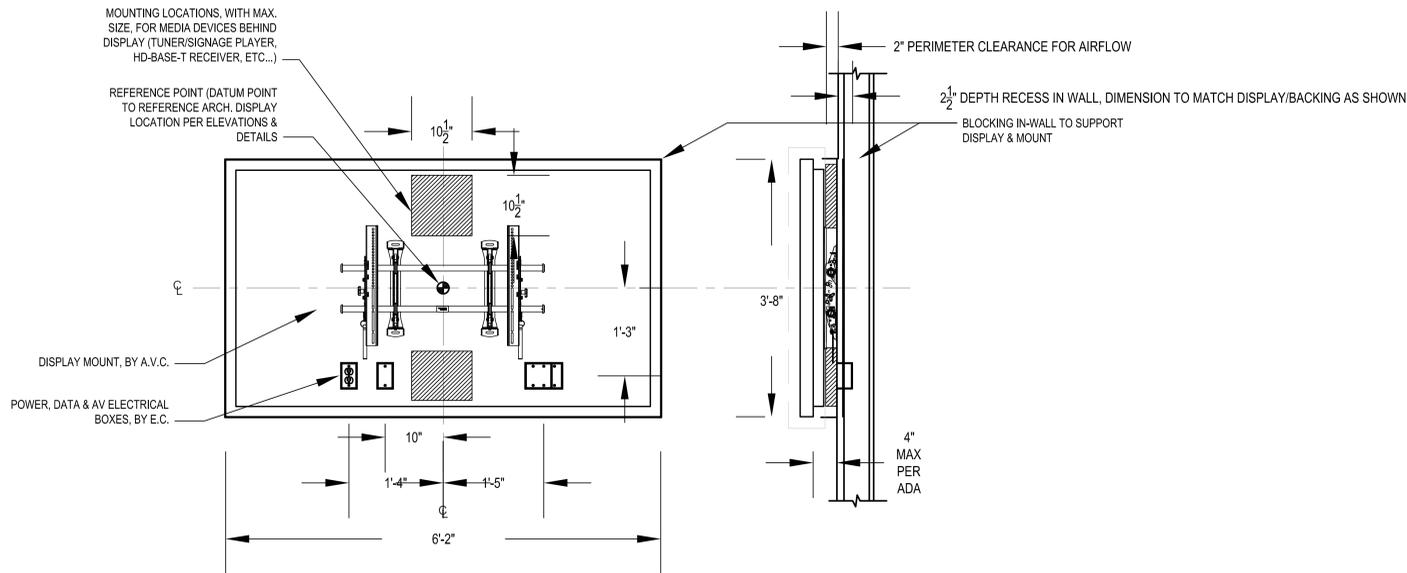
DEMONICA KEMPER ARCHITECTS 125 N. HALSTED STREET, SUITE 301 CHICAGO, IL 60661 P: 312.496.0000	KJWW ENGINEERING 1100 WARRENVILLE ROAD, #400W NAPERVILLE, IL 60563 T: 312.559.4585	E.F. WHITNEY, INC. 568 ANN STREET BIRMINGHAM, MI 48009 T: 248.644.0990	SHEN MILSON WILKE 2 N. RIVERSIDE PLAZA CHICAGO, IL 60606 T: 312.559.4585
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NOTES:

1. THE DIMENSIONING, AS SHOWN, REPRESENTS THE BLOCKING AND BACK BOX POSITIONING REQUIREMENTS FOR A GENERAL CROSS-SECTION OF MANUFACTURERS AND PRODUCTS FOR THIS SIZE FLAT PANEL DISPLAY. DIMENSIONS, AS SHOWN, WILL ACCOMMODATE MOST DISPLAYS CURRENT TO THE MARKET PLACE, BUT MAY NOT REFLECT ALL FUTURE DISPLAYS OR MANUFACTURERS.
2. GENERAL CONTRACTOR TO PROVIDE NECESSARY BLOCKING TO SUPPORT FLAT PANEL DISPLAY. WEIGHT: APPROX. 75LBS. BACKING DIMENSIONS GIVEN TO SPAN MULTIPLE STUDS IN WALL.
3. AV CONTRACTOR TO VERIFY IF DISPLAY IS TO BE VERTICALLY CENTERED TO SCREEN OR CHASSIS.
4. ALL BOXES, CONDUIT AND POWER BY EC. DATA CONNECTORS, PLATE AND CABLE BY LOW VOLTAGE CABLE PROVIDER OR AS WITHIN WRITTEN SPECIFICATIONS.
5. COORDINATE REFERENCE POINT LOCATIONS WITH ARCHITECTURAL DRAWINGS.

3 AUDIOVISUAL DETAIL - 40" FLAT PANEL DISPLAY - SURFACE MOUNTED
NTS



NOTES:

1. THE DIMENSIONING, AS SHOWN, REPRESENTS THE BLOCKING AND BACK BOX POSITIONING REQUIREMENTS FOR A GENERAL CROSS-SECTION OF MANUFACTURERS AND PRODUCTS FOR THIS SIZE FLAT PANEL DISPLAY. DIMENSIONS, AS SHOWN, WILL ACCOMMODATE MOST DISPLAYS CURRENT TO THE MARKET PLACE, BUT MAY NOT REFLECT ALL FUTURE DISPLAYS OR MANUFACTURERS.
2. GENERAL CONTRACTOR TO PROVIDE NECESSARY BLOCKING TO SUPPORT FLAT PANEL DISPLAY. WEIGHT: APPROX. 250LBS. BACKING DIMENSIONS GIVEN TO SPAN MULTIPLE STUDS IN WALL.
3. AV CONTRACTOR TO VERIFY IF DISPLAY IS TO BE VERTICALLY CENTERED TO SCREEN OR CHASSIS.
4. ALL BOXES, CONDUIT AND POWER BY EC. DATA CONNECTORS, PLATE AND CABLE BY LOW VOLTAGE CABLE PROVIDER OR AS WITHIN WRITTEN SPECIFICATIONS.
5. COORDINATE REFERENCE POINT LOCATIONS WITH ARCHITECTURAL DRAWINGS.

4 AUDIOVISUAL DETAIL - 80" FLAT PANEL DISPLAY - SURFACE MOUNTED
NTS

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

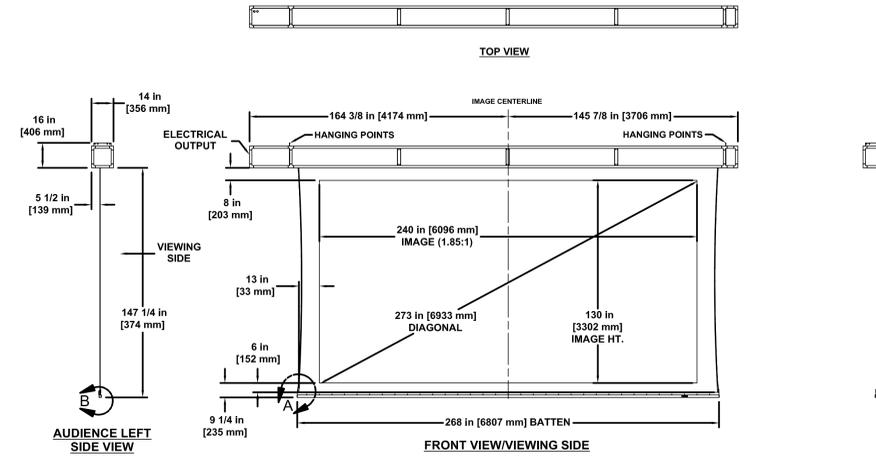
REVISIONS			DRAWN	PREPARED
NO.	DESCRIPTION	DATE	TL	RST
01	REVISION A	09.18.14	TRACED	APPROVED
02	REVISION B	09.18.14	TL	RST
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04	AV 100% DD FINAL REVISION	11.24.15	CHECKED	APPROVED
05	100% CD FOR CONSTRUCTION	03.25.16	TL	RST

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

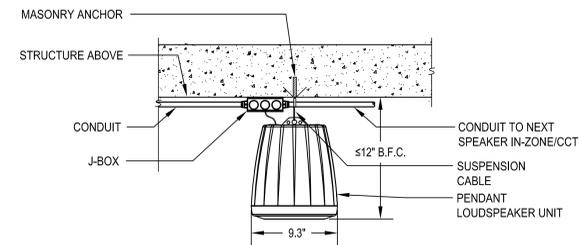
KJW KJWW ENGINEERING
1100 WARRENVILLE ROAD, #400W
NAPERVILLE, IL 60563
T: 312.559.4585

EFW E.F. WHITNEY, INC.
568 ANN STREET
BIRMINGHAM, MI 48009
T: 248.644.0990

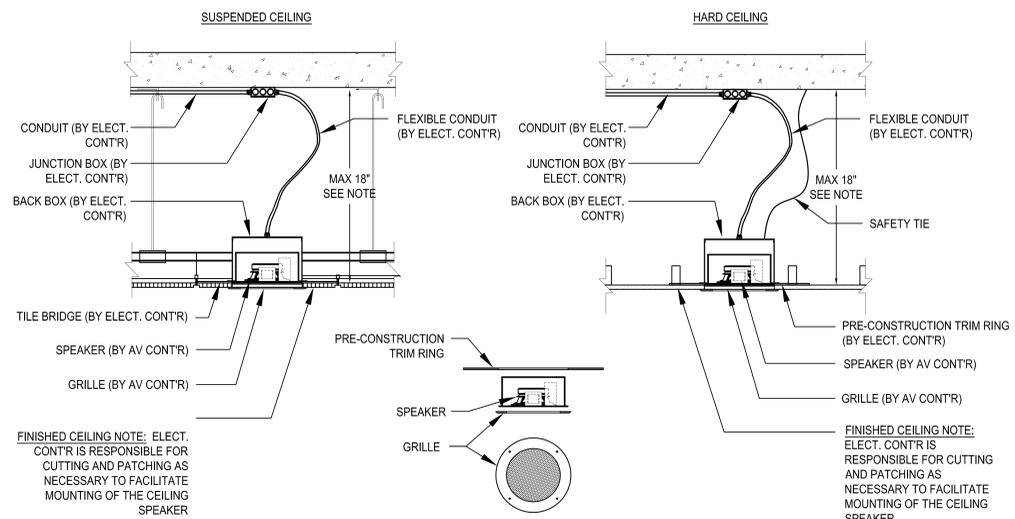
SM&W SHEN MILSON WILKE
2 N. RIVERSIDE PLAZA
CHICAGO, IL 60606
T: 312.559.4585



3 PROJECTION SCREEN DETAIL
SCALE: NTS



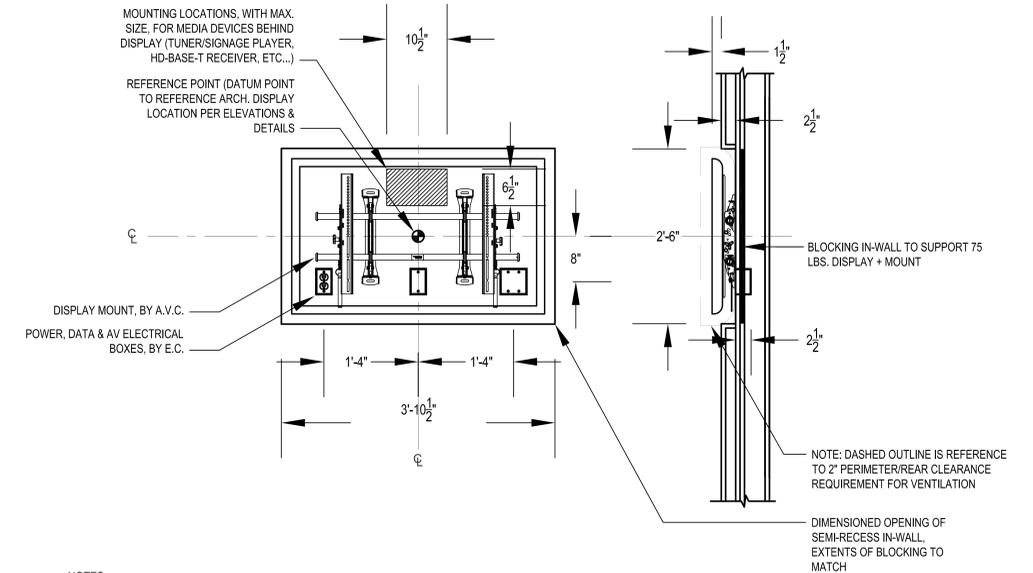
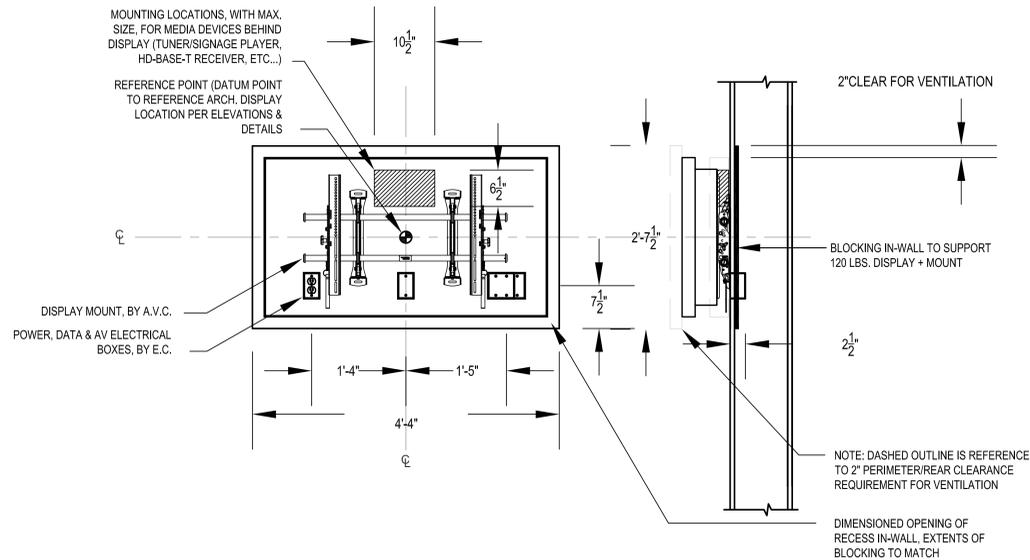
2 AUDIOVISUAL DETAIL - PENDANT SPEAKER
SCALE: NTS



NOTE:
SUPPORT JUNCTION BOX PER APPLICABLE CODES TO MAINTAIN MAX DISTANCE

1 AUDIOVISUAL DETAIL - CEILING SPEAKER
SCALE: NTS

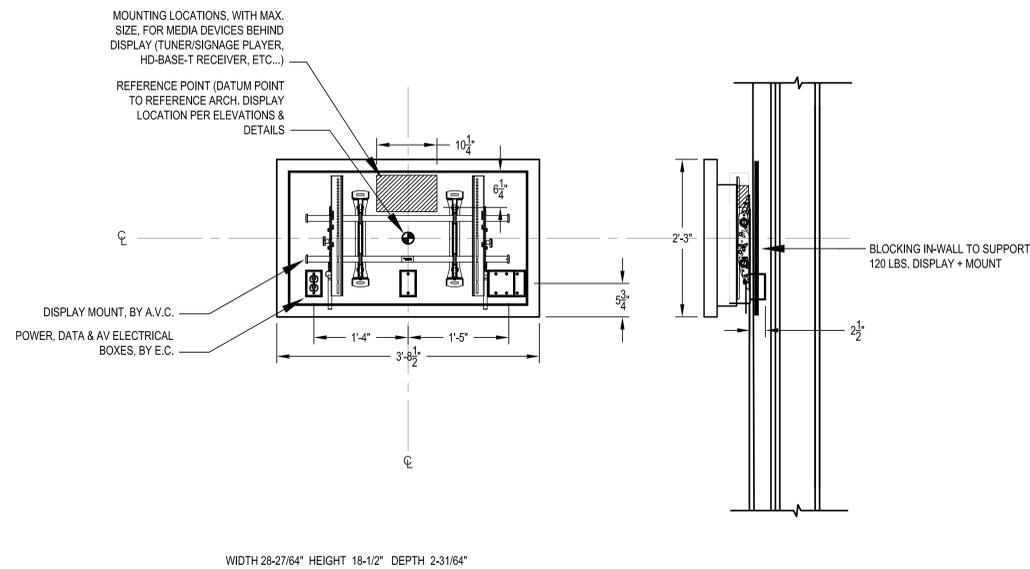
100% CD FOR CONSTRUCTION		PROJECT NO.
AUDIOVISUAL DETAILS		DATE
CITY CENTER CAMPUS		APRIL 11, 2016
JOLIET JUNIOR COLLEGE		SHEET NO.
TA800		



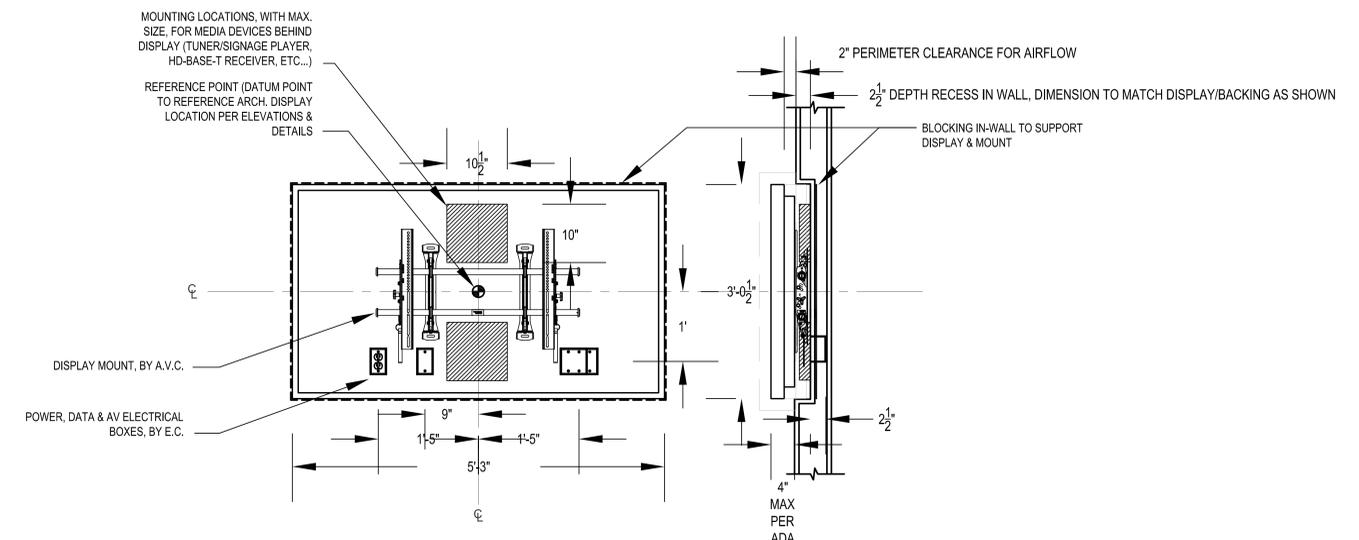
- NOTES:
1. THE DIMENSIONING, AS SHOWN, REPRESENTS THE BLOCKING AND BACK BOX POSITIONING REQUIREMENTS FOR A GENERAL CROSS-SECTION OF MANUFACTURERS AND PRODUCTS FOR THIS SIZE FLAT PANEL DISPLAY. DIMENSIONS, AS SHOWN, WILL ACCOMMODATE MOST DISPLAYS CURRENT TO THE MARKET PLACE, BUT MAY NOT REFLECT ALL FUTURE DISPLAYS OR MANUFACTURERS.
 2. GENERAL CONTRACTOR TO PROVIDE NECESSARY BLOCKING TO SUPPORT FLAT PANEL DISPLAY. WEIGHT: APPROX. 75LBS. BACKING DIMENSIONS GIVEN TO SPAN MULTIPLE STUDS IN WALL.
 3. AV CONTRACTOR TO VERIFY IF DISPLAY IS TO BE VERTICALLY CENTERED TO SCREEN OR CHASSIS.
 4. ALL BOXES, CONDUIT AND POWER BY EC. DATA CONNECTORS, PLATE AND CABLE BY LOW VOLTAGE CABLE PROVIDER OR AS WITHIN WRITTEN SPECIFICATIONS.
 5. COORDINATE REFERENCE POINT LOCATIONS WITH ARCHITECTURAL DRAWINGS.

4 AUDIOVISUAL DETAIL - 55" FLAT PANEL DISPLAY - FULLY-RECESSED MOUNTED
SCALE: NTS

2 AUDIOVISUAL DETAIL - 47" FLAT PANEL DISPLAY - SEMI-RECESSED MOUNTED
SCALE: NTS



- NOTES:
1. THE DIMENSIONING, AS SHOWN, REPRESENTS THE BLOCKING AND BACK BOX POSITIONING REQUIREMENTS FOR A GENERAL CROSS-SECTION OF MANUFACTURERS AND PRODUCTS FOR THIS SIZE FLAT PANEL DISPLAY. DIMENSIONS, AS SHOWN, WILL ACCOMMODATE MOST DISPLAYS CURRENT TO THE MARKET PLACE, BUT MAY NOT REFLECT ALL FUTURE DISPLAYS OR MANUFACTURERS.
 2. GENERAL CONTRACTOR TO PROVIDE NECESSARY BLOCKING TO SUPPORT FLAT PANEL DISPLAY. WEIGHT: APPROX. 75LBS. BACKING DIMENSIONS GIVEN TO SPAN MULTIPLE STUDS IN WALL.
 3. AV CONTRACTOR TO VERIFY IF DISPLAY IS TO BE VERTICALLY CENTERED TO SCREEN OR CHASSIS.
 4. ALL BOXES, CONDUIT AND POWER BY EC. DATA CONNECTORS, PLATE AND CABLE BY LOW VOLTAGE CABLE PROVIDER OR AS WITHIN WRITTEN SPECIFICATIONS.
 5. COORDINATE REFERENCE POINT LOCATIONS WITH ARCHITECTURAL DRAWINGS.



- NOTES:
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 2. GENERAL CONTRACTOR TO PROVIDE NECESSARY BLOCKING TO SUPPORT FLAT PANEL DISPLAY. WEIGHT: APPROX. 130LBS. BACKING DIMENSIONS GIVEN TO SPAN MULTIPLE STUDS IN WALL.
 3. AV CONTRACTOR TO VERIFY IF DISPLAY IS TO BE VERTICALLY CENTERED TO SCREEN OR CHASSIS.
 4. ALL BOXES, CONDUIT AND POWER BY EC. DATA CONNECTORS, PLATE AND CABLE BY LOW VOLTAGE CABLE PROVIDER OR AS WITHIN WRITTEN SPECIFICATIONS.
 5. COORDINATE REFERENCE POINT LOCATIONS WITH ARCHITECTURAL DRAWINGS.

3 AUDIOVISUAL FLAT PANEL DETAIL - 46" SURFACE MOUNTED
NTS

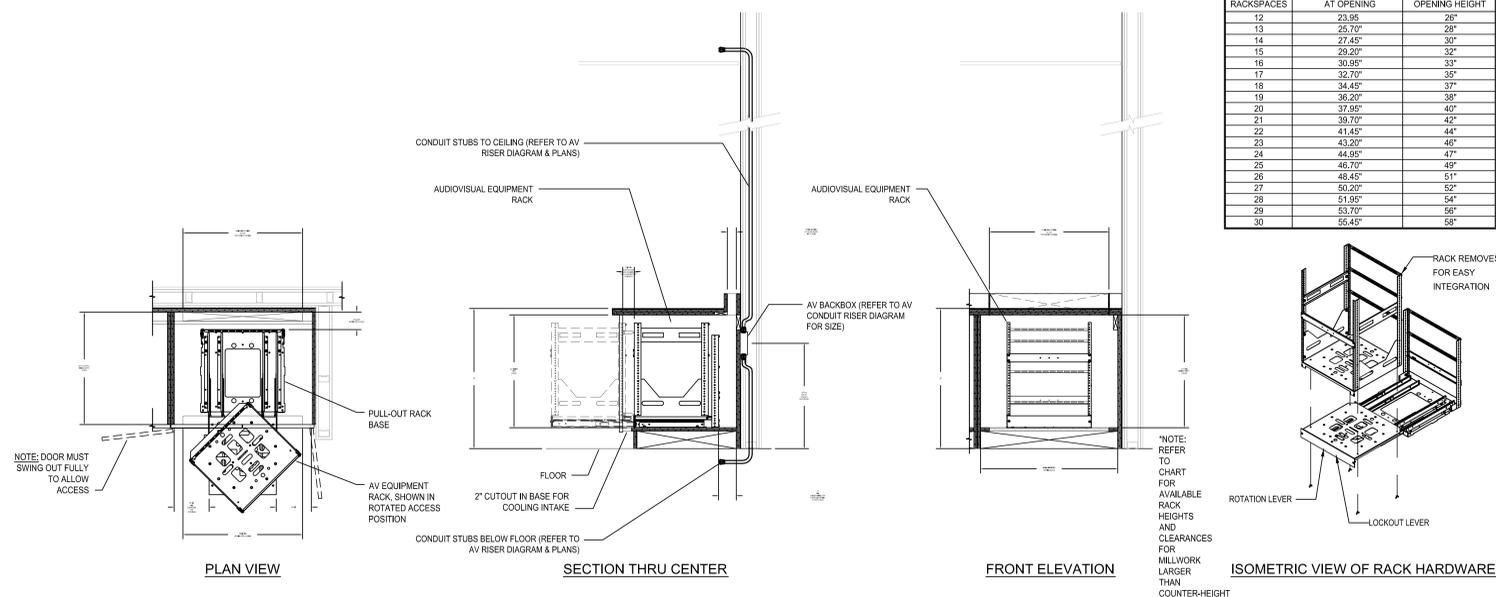
1 AUDIOVISUAL DETAIL - 70" FLAT PANEL DISPLAY - SEMI-RECESSED MOUNTED
SCALE: NTS

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

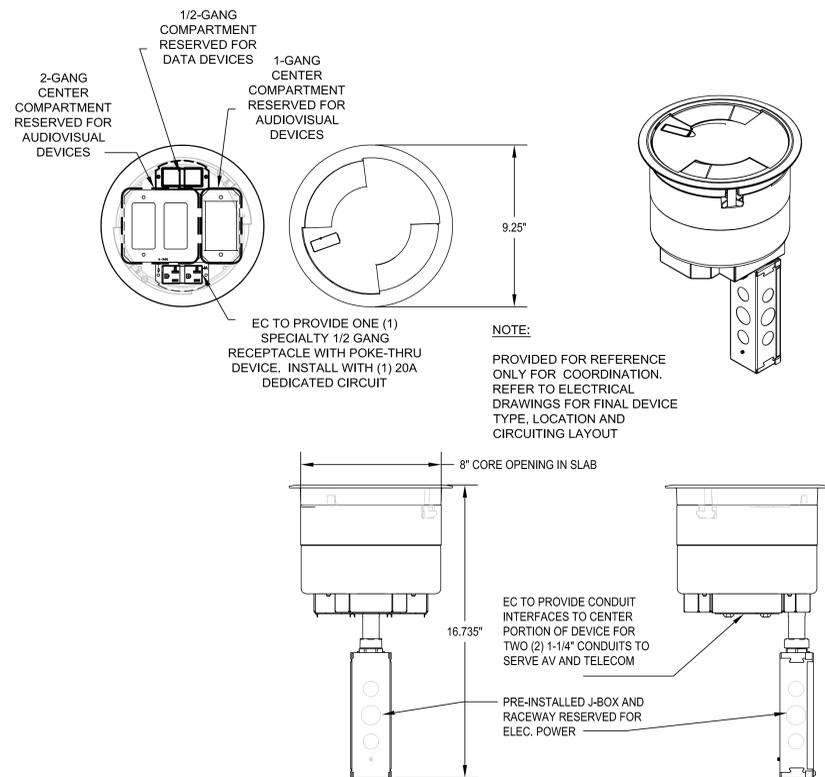
REVISIONS			DRAWN	PREPARED					100% CD FOR CONSTRUCTION		PROJECT NO.
NO.	DESCRIPTION	DATE	TL	RST					AUDIOVISUAL DETAILS		DATE
01	REVISION A	09.16.14	TRACED	APPROVED							APRIL 11, 2016
02	REVISION B	09.16.14	TL	RST							SHEET NO.
03	REVISION C	10.29.14									TA801
04	AV 100% DD FINAL REVISION	11.24.15	CHECKED	APPROVED							
05	100% CD FOR CONSTRUCTION	03.25.16	TL	RST							

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 2 N. RIVERSIDE PLAZA CHICAGO, IL 60606 T: 312.559.4585
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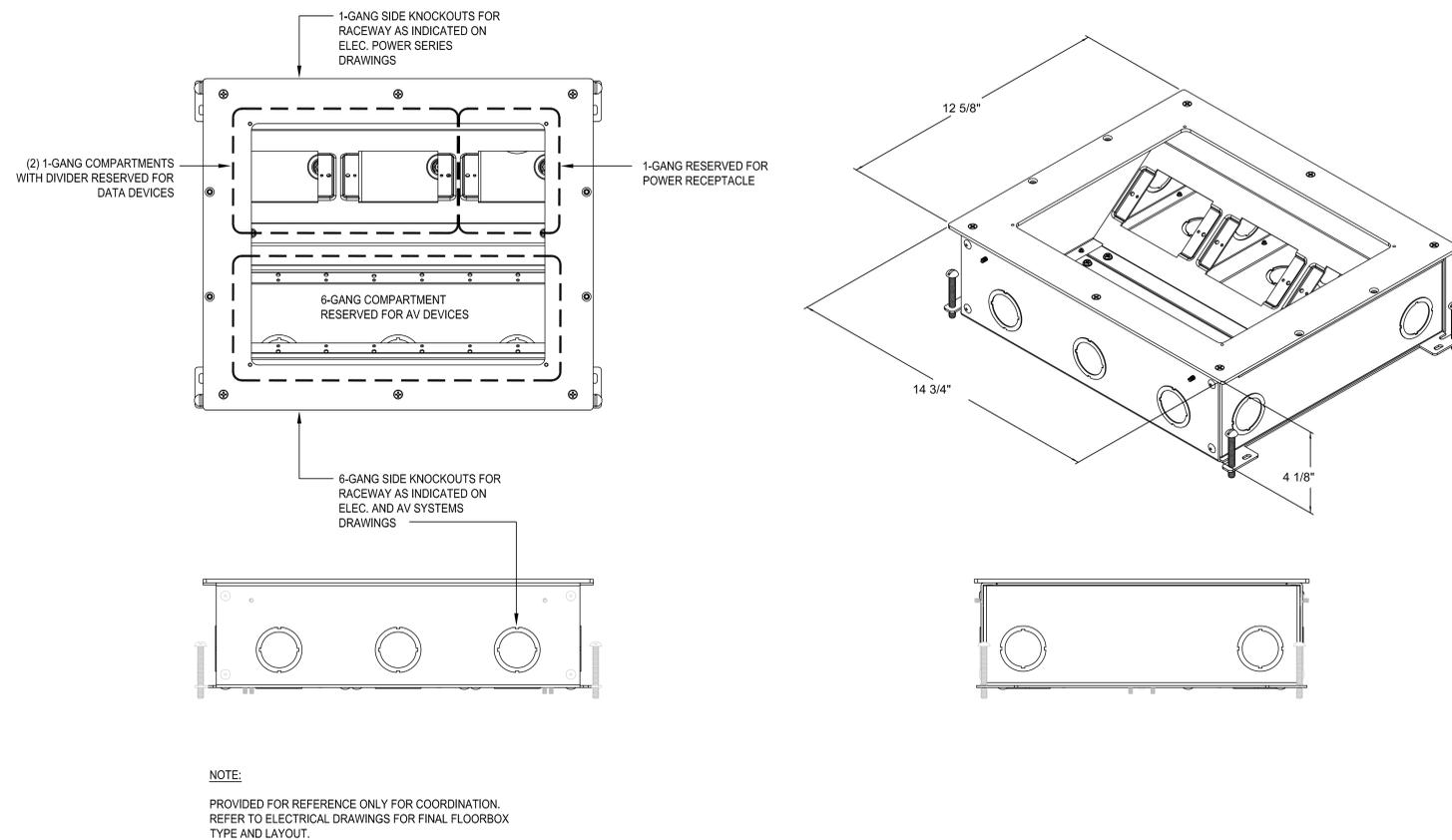
USEABLE RACKSPACES	FINISHED RACK HEIGHT AT OPENING	MINIMUM INTERIOR OPENING HEIGHT
12	23.95"	26"
13	25.70"	28"
14	27.45"	30"
15	29.20"	32"
16	30.95"	33"
17	32.70"	35"
18	34.45"	37"
19	36.20"	38"
20	37.95"	40"
21	39.70"	42"
22	41.45"	44"
23	43.20"	46"
24	44.95"	47"
25	46.70"	48"
26	48.45"	51"
27	50.20"	52"
28	51.95"	54"
29	53.70"	56"
30	55.45"	58"



2 AUDIOVISUAL DETAIL - EQUIPMENT RACK (MILLWORK)
SCALE: NTS



3 AUDIOVISUAL DETAIL - FLOOR BOX (TYP.)
SCALE: NTS



4 FLUSH FLOOR BOX DETAIL
SCALE: NTS

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

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

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125 N. HALSTED STREET, SUITE 301
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P: 312.496.0000

KJW KJWW ENGINEERING
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NAPERVILLE, IL 60563
T: 312.559.4585

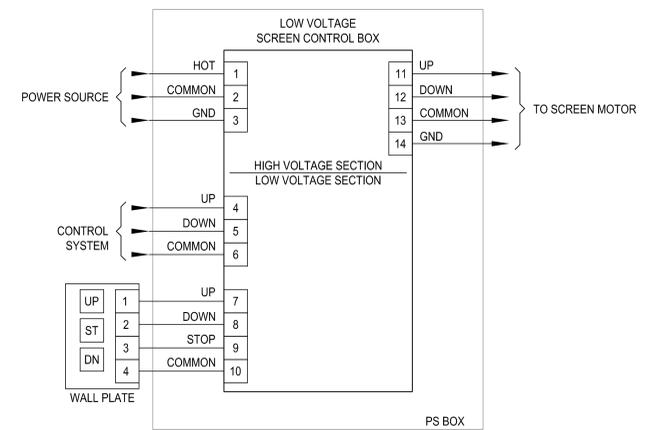
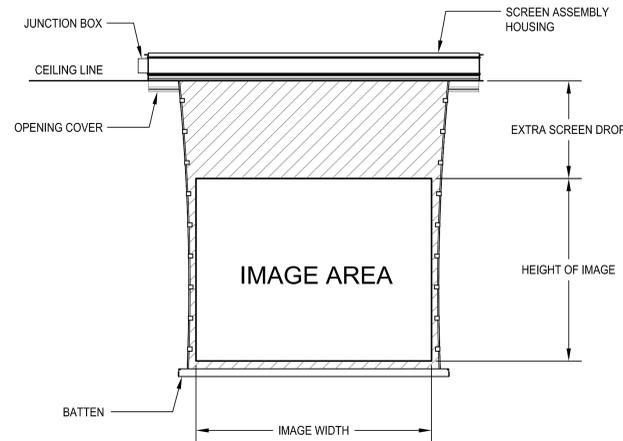
EFW E.F. WHITNEY, INC.
568 ANN STREET
BIRMINGHAM, MI 48009
T: 248.644.0990

SM&W SHEN MILSON WILKE
2 N. RIVERSIDE PLAZA
CHICAGO, IL 60606
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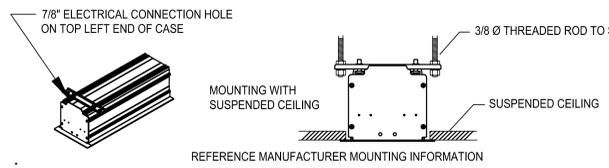
100% CD FOR CONSTRUCTION
AUDIOVISUAL DETAILS
CITY CENTER CAMPUS
JOLIET JUNIOR COLLEGE

PROJECT NO.
DATE APRIL 11, 2016
SHEET NO.
TA802

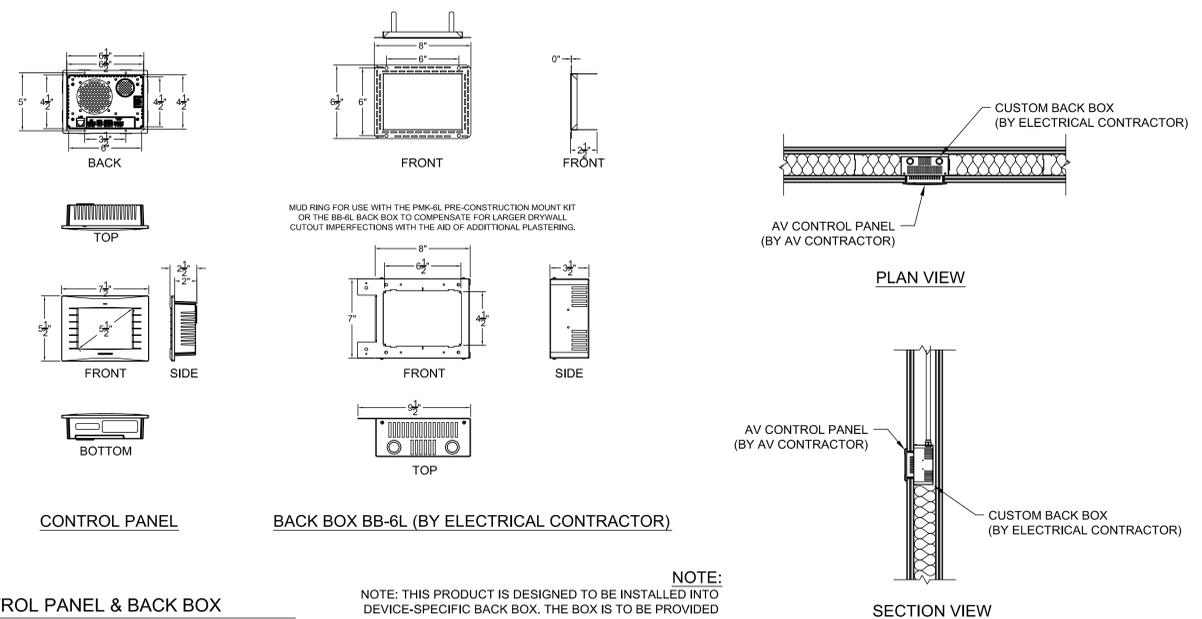
- NOTES:
 1) ELECTRICAL CONTRACTOR TO PROVIDE AND AND INSTALL ALL RACEWAY COMPONENTS.
 2) REFERENCE FURNITURE PLAN 2A9.01 FOR ANCHOR AND DRILLING PRECAUTIONS AND REQUIREMENTS



NOTE:
 LOW VOLTAGE AV INTERFACE CONTROL IS AN OPTION THAT MUST BE SPECIFIED WHEN ORDERING THE PROJECTION SCREEN.
 WIRING DETAILS WILL VARY AMONG MANUFACTURERS. REFER TO MANUFACTURER'S DOCUMENTATION FOR CONNECTION DETAILS.

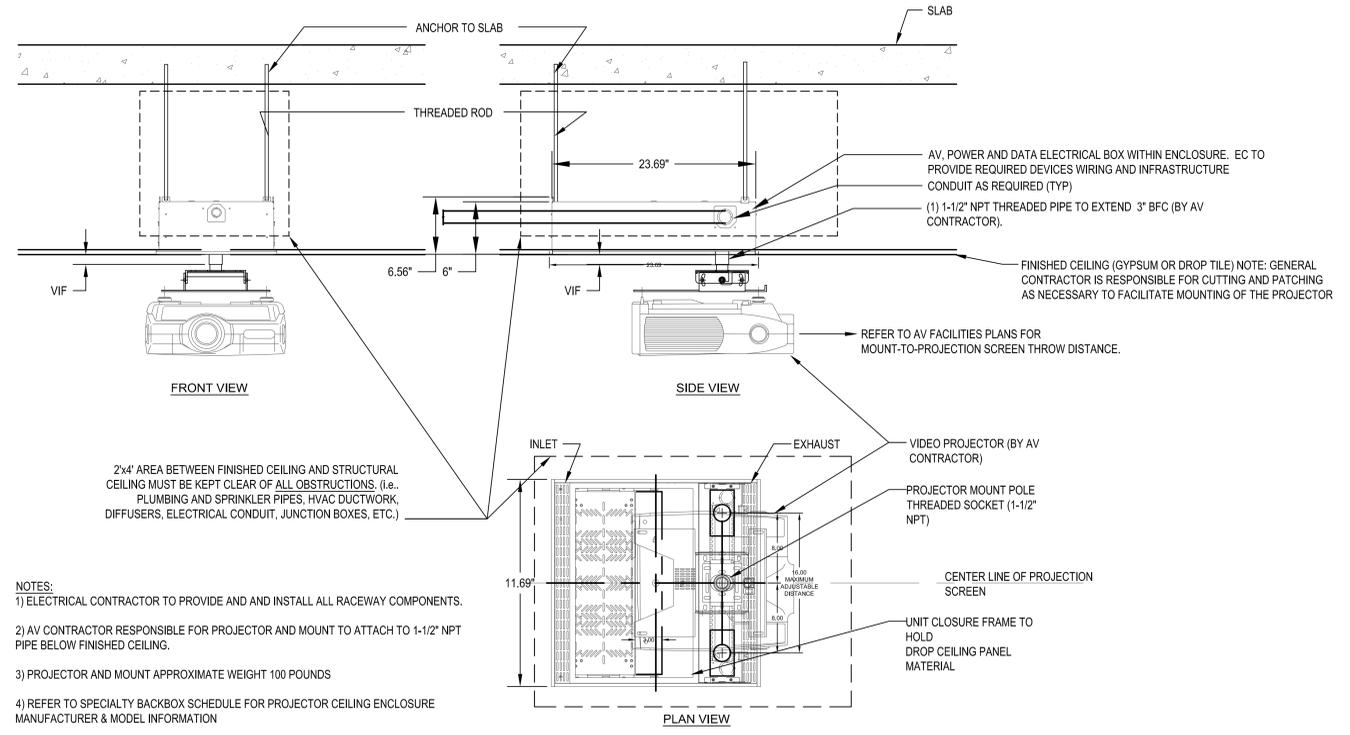


1 TAB TENSIONED FRONT PROJECTION SCREEN
 NTS



A CONTROL PANEL & BACK BOX
 ISYS 5.7
 DIMENSIONS: 7.70"W X 5.60"H X 2.27"D
 DISPLAY SIZE: 5.7"

NOTE: THIS PRODUCT IS DESIGNED TO BE INSTALLED INTO DEVICE-SPECIFIC BACK BOX. THE BOX IS TO BE PROVIDED (FURNISHED AND INSTALLED) BY THE ELECTRICAL CONTRACTOR; THE LOCATION IS BY THE ARCHITECT. THE AUDIOVISUAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING (FURNISH AND INSTALL) THE REMOTE CONTROL DEVICE, AS WELL AS THE SOFTWARE PROGRAMMING THAT IS PART OF THE AUDIOVISUAL SCOPE OF WORK. THE AUDIOVISUAL CONTRACTOR SHALL REVIEW ALL FINISHES WITH THE ARCHITECT, AND ALL PROGRAMMING AND NOMENCLATURE WITH THE OWNER, PRIOR TO FABRICATION.



- NOTES:
 1) ELECTRICAL CONTRACTOR TO PROVIDE AND AND INSTALL ALL RACEWAY COMPONENTS.
 2) AV CONTRACTOR RESPONSIBLE FOR PROJECTOR AND MOUNT TO ATTACH TO 1-1/2" NPT PIPE BELOW FINISHED CEILING.
 3) PROJECTOR AND MOUNT APPROXIMATE WEIGHT 100 POUNDS
 4) REFER TO SPECIALTY BACKBOX SCHEDULE FOR PROJECTOR CEILING ENCLOSURE MANUFACTURER & MODEL INFORMATION
 5) REFERENCE FURNITURE PLAN 2A9.01 FOR ANCHOR AND DRILLING PRECAUTIONS AND REQUIREMENTS

1 VIDEO PROJECTOR MOUNTING
 NTS

3 AUDIOVISUAL DETAIL - CONTROL PANEL AND BACK BOX
 NTS

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
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05	100% CD FOR CONSTRUCTION	03.25.16

DRAWN	PREPARED
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TRACED	APPROVED
TL	RST
CHECKED	APPROVED
TL	RST

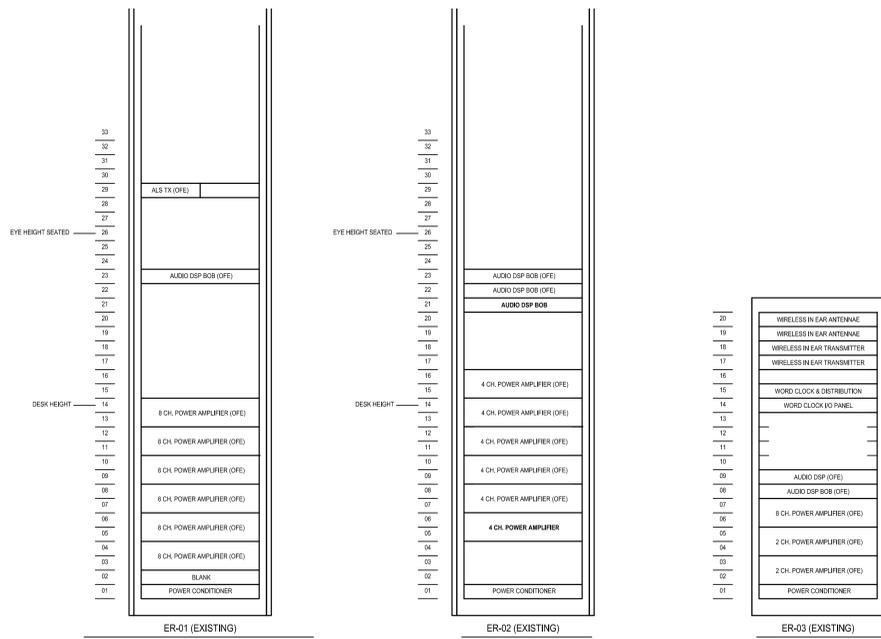
dkA DEMONICA KEMPER ARCHITECTS
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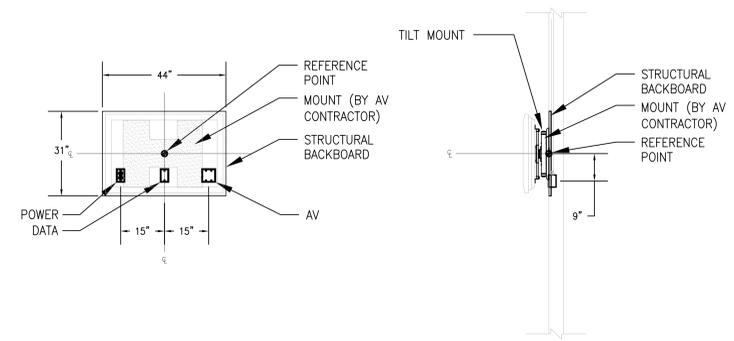
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SM&W SHEN MILSOM WILKE
 SHEN MILSOM WILKE
 2 N. RIVERSIDE PLAZA
 CHICAGO, IL 60606
 T: 312.559.4585

100% CD FOR CONSTRUCTION		PROJECT NO.
AUDIOVISUAL DETAILS		DATE
CITY CENTER CAMPUS		APRIL 11, 2016
JOLIET JUNIOR COLLEGE		SHEET NO.
TA803		

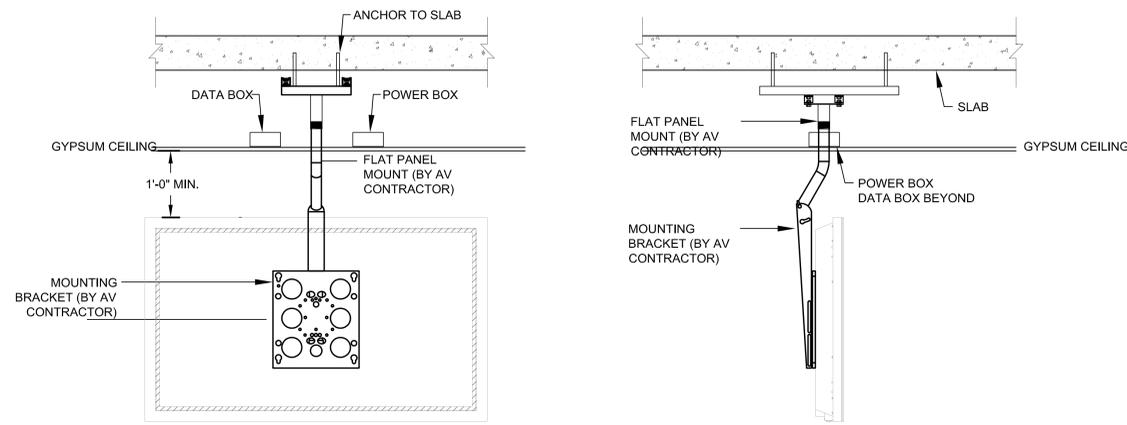


4 RACK DETAILS
NTS

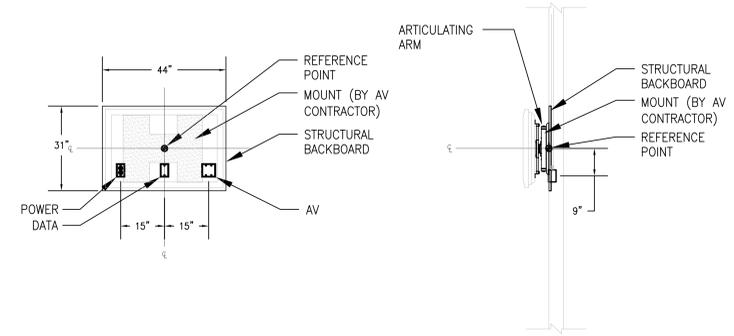


- NOTES:
1. THE DIMENSIONING, AS SHOWN, REPRESENTS THE BLOCKING AND BACK BOX POSITIONING REQUIREMENTS FOR A GENERAL CROSS-SECTION OF MANUFACTURERS AND PRODUCTS FOR THIS SIZE FLAT PANEL DISPLAY. DIMENSIONS, AS SHOWN, WILL ACCOMMODATE MOST DISPLAYS CURRENT TO THE MARKET PLACE, BUT MAY NOT REFLECT ALL FUTURE DISPLAYS OR MANUFACTURERS.
 2. GENERAL CONTRACTOR TO PROVIDE NECESSARY BLOCKING TO SUPPORT FLAT PANEL DISPLAY. WEIGHT: APPROX. 25 LBS.
 3. ALL BOXES, CONDUIT AND POWER BY EC. DATA CONNECTORS, PLATE AND CABLE BY LOW VOLTAGE PROVIDER OR AS INDICATED BY WITHIN WRITTEN SPECIFICATIONS.
 4. COORDINATE REFERENCE POINT LOCATIONS WITH ARCHITECTURAL DRAWINGS.

2 AUDIOVISUAL DETAIL - 30° CLASS FLAT PANEL DISPLAY ON TILT WALL MOUNT
NTS



3 FLAT PANEL DISPLAY - CEILING MOUNTED
NTS

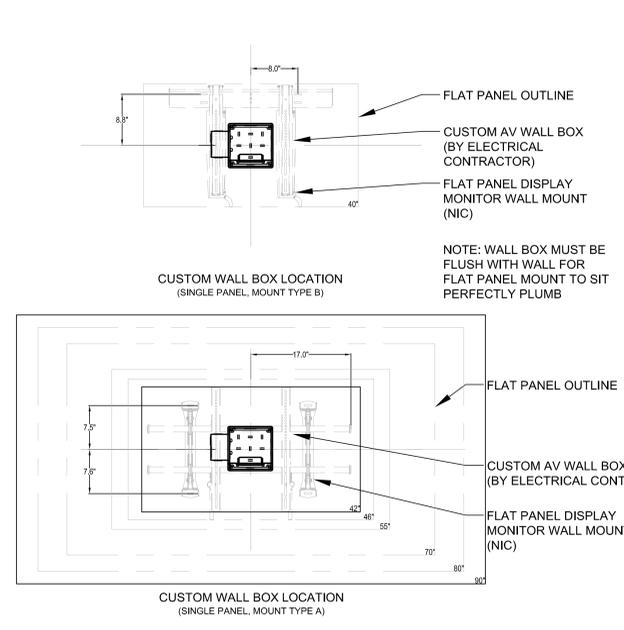


- NOTES:
1. THE DIMENSIONING, AS SHOWN, REPRESENTS THE BLOCKING AND BACK BOX POSITIONING REQUIREMENTS FOR A GENERAL CROSS-SECTION OF MANUFACTURERS AND PRODUCTS FOR THIS SIZE FLAT PANEL DISPLAY. DIMENSIONS, AS SHOWN, WILL ACCOMMODATE MOST DISPLAYS CURRENT TO THE MARKET PLACE, BUT MAY NOT REFLECT ALL FUTURE DISPLAYS OR MANUFACTURERS.
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 4. COORDINATE REFERENCE POINT LOCATIONS WITH ARCHITECTURAL DRAWINGS.

1 AUDIOVISUAL DETAIL - 30° CLASS FLAT PANEL DISPLAY ON ARTICULATING WALL MOUNT
NTS

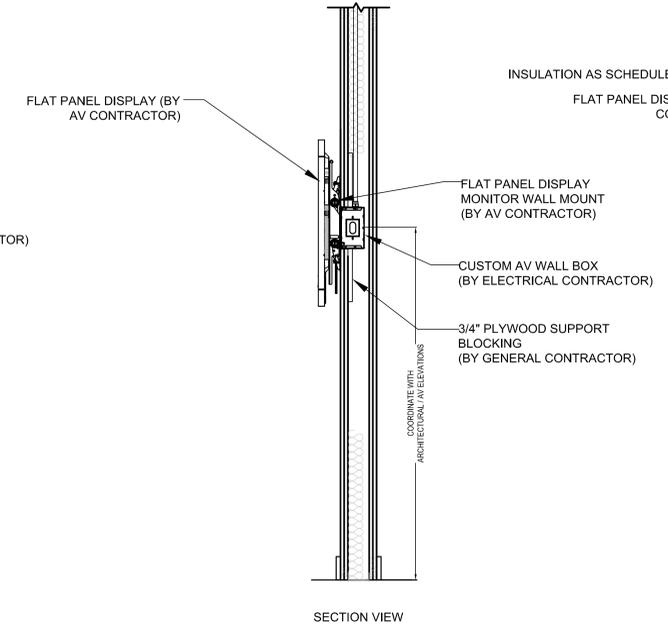
NOTE: CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

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> </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	DRAWN: TL PREPARED: RST TRACED: TL APPROVED: RST CHECKED: TL APPROVED: RST	dkA DEMONICA KEMPER ARCHITECTS 125 N. HALSTED STREET, SUITE 301 CHICAGO, IL 60661 P: 312.496.0000	KJW KJWW ENGINEERING 1100 WARRENVILLE ROAD, #400W NAPERVILLE, IL 60563 T: 312.559.4585	EFW E.F. WHITNEY, INC. 568 ANN STREET BIRMINGHAM, MI 48009 T: 248.644.0990	SM&W SHEN MILSOM WILKE LLC 2 N. RIVERSIDE PLAZA CHICAGO, IL 60606 T: 312.559.4585	100% CD FOR CONSTRUCTION AUDIOVISUAL DETAILS CITY CENTER CAMPUS JOLIET JUNIOR COLLEGE	PROJECT NO. CDB 810-048-023 DATE SHEET NO. TA804
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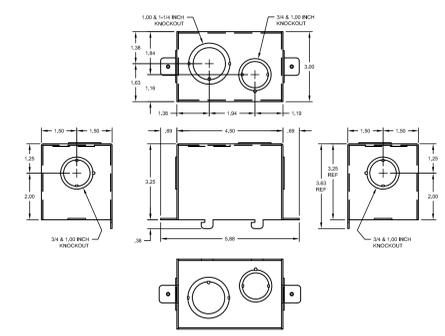
A CUSTOM WALL BOX LOCATION

NOTES:
 REFER TO ARCH. DRAWING FOR EXACT LOCATIONS AND DETAIL OF FLAT PANEL DISPLAY MONITORS.
 ARCHITECT TO PROVIDE NICHE FOR FLAT PANEL MONITOR TO LIMIT PROTRUSION FROM FINISHED WALL TO LESS THAN FOUR (4) INCHES AT ELEVATIONS LESS THAN 6'-8" A.F.F. IN PUBLIC CIRCULATION SPACE. ARCHITECT TO VERIFY ADA CODE REQUIREMENTS WITH CODE CONSULTANT.
 PROVIDE SUPPORT BLOCKING FOR FLAT PANEL DISPLAY MONITOR.
 ENSURE THAT THE STRUCTURAL MEMBERS CAN SUPPORT A REDUNDANT WEIGHT FACTOR FIVE TIME THE COMBINED TOTAL WEIGHT OF THE AUDIOVISUAL EQUIPMENT AND ALL ASSOCIATED HARDWARE AND COMPONENTS.

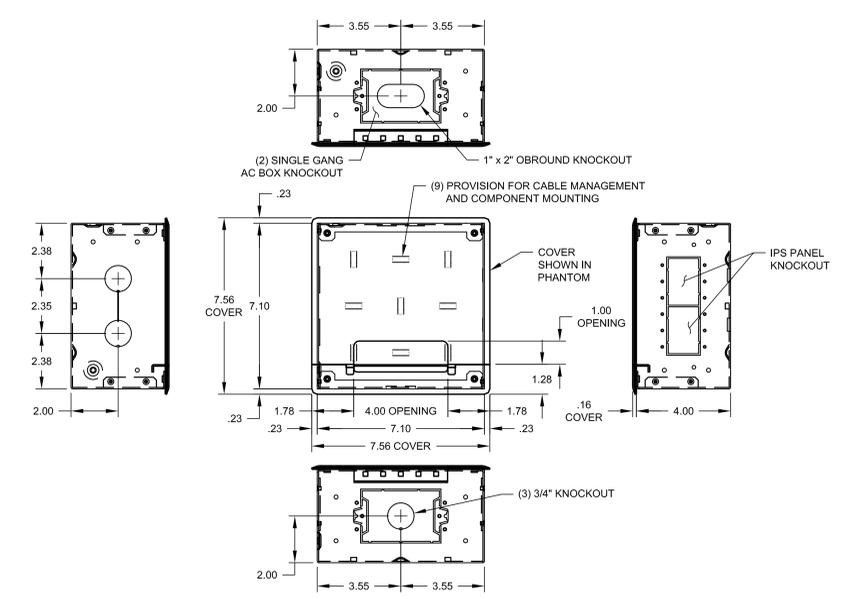
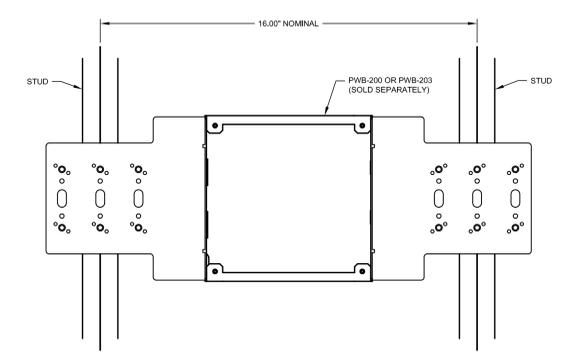


B FLAT PANEL MOUNTING DETAILS

2 FLAT PANEL MOUNTING DETAILS
 SCALE: NTS



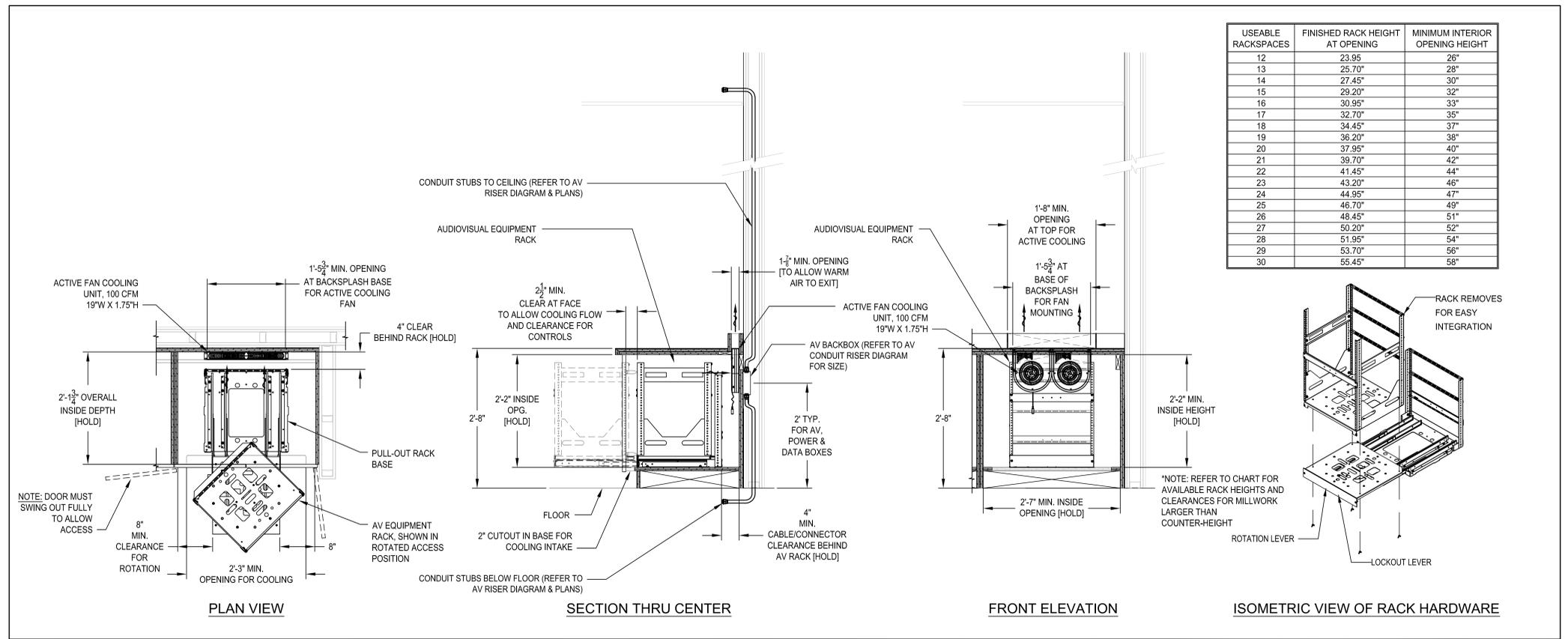
1 FLAT PANEL WALL BOX
 SCALE: NTS



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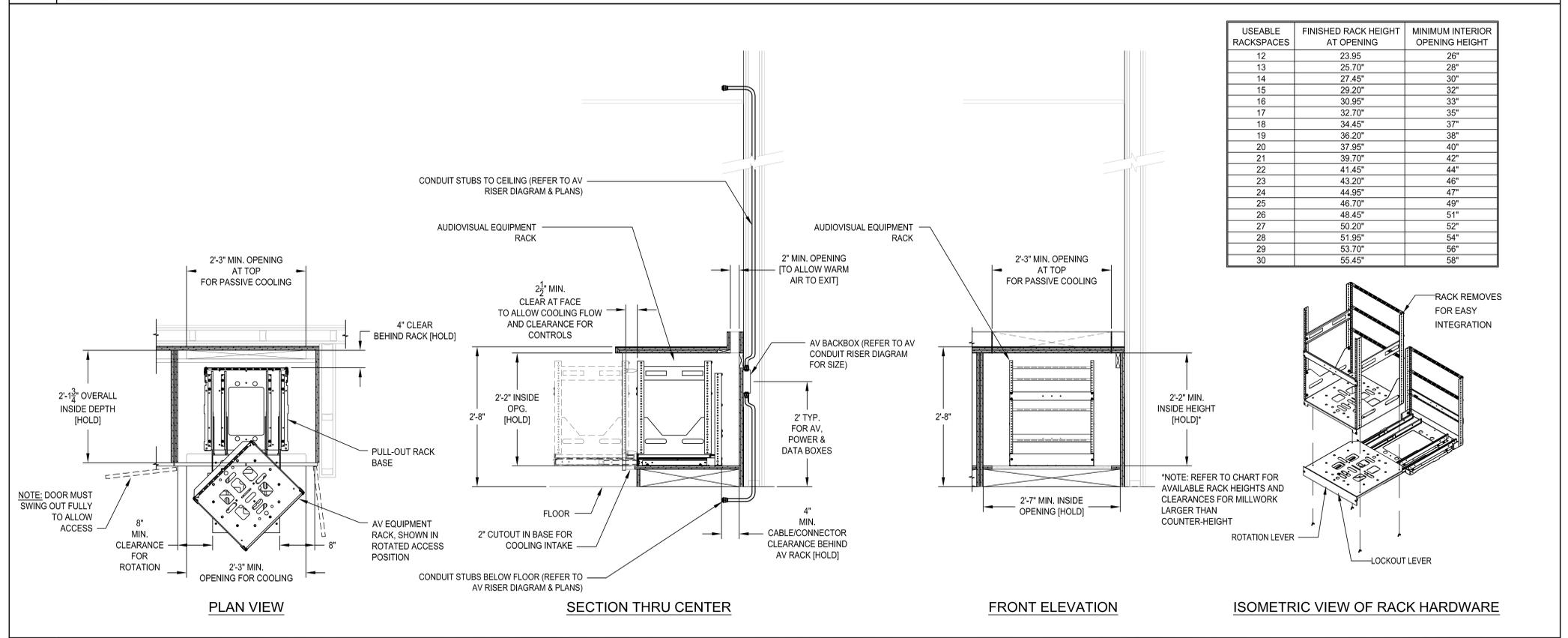
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DEMONICA KEMPER ARCHITECTS 125 N. HALSTED STREET, SUITE 301 CHICAGO, IL 60661 P: 312.496.0000	KJWW ENGINEERING 1100 WARRENVILLE ROAD, #400W NAPERVILLE, IL 60563 T: 312.559.4585	E.F. WHITNEY, INC. 568 ANN STREET BIRMINGHAM, MI 48009 T: 248.644.0990	SHEN MILSON WILKE 2 N. RIVERSIDE PLAZA CHICAGO, IL 60606 T: 312.559.4585	CITY CENTER CAMPUS JOLIET JUNIOR COLLEGE	
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USEABLE RACKSPACES	FINISHED RACK HEIGHT AT OPENING	MINIMUM INTERIOR OPENING HEIGHT
12	23.95"	26"
13	25.70"	28"
14	27.45"	30"
15	29.20"	32"
16	30.95"	33"
17	32.70"	35"
18	34.45"	37"
19	36.20"	38"
20	37.95"	40"
21	39.70"	42"
22	41.45"	44"
23	43.20"	46"
24	44.95"	47"
25	46.70"	49"
26	48.45"	51"
27	50.20"	52"
28	51.95"	54"
29	53.70"	56"
30	55.45"	58"

02 TYPICAL EQUIPMENT RACK IN MILLWORK - ACTIVE FAN COOLING
SCALE: NTS



USEABLE RACKSPACES	FINISHED RACK HEIGHT AT OPENING	MINIMUM INTERIOR OPENING HEIGHT
12	23.95"	26"
13	25.70"	28"
14	27.45"	30"
15	29.20"	32"
16	30.95"	33"
17	32.70"	35"
18	34.45"	37"
19	36.20"	38"
20	37.95"	40"
21	39.70"	42"
22	41.45"	44"
23	43.20"	46"
24	44.95"	47"
25	46.70"	49"
26	48.45"	51"
27	50.20"	52"
28	51.95"	54"
29	53.70"	56"
30	55.45"	58"

01 TYPICAL EQUIPMENT RACK IN MILLWORK - PASSIVE COOLING
SCALE: NTS

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

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dkA DEMONICA KEMPER ARCHITECTS
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100% CD FOR CONSTRUCTION
AUDIOVISUAL DETAILS

CITY CENTER CAMPUS
JOLIET JUNIOR COLLEGE

PROJECT NO. CDB 810-048-023
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SHEET NO. TA806