

DRAWING LIST:

Sheet List TA	
Sheet Number	Sheet Name
446431-TA000	TECHNOLOGY AUDIOVISUAL SYMBOLS AND LEGEND
446431-TA100	TECHNOLOGY AUDIOVISUAL OVERALL FACILITY PLAN
446431-TA101	TECHNOLOGY AUDIOVISUAL OVERALL ELECTRICAL PLAN
446431-TA102	TECHNOLOGY AUDIOVISUAL OVERALL ELECTRICAL RCP
446431-TA308	TECHNOLOGY AUDIOVISUAL ENLARGED SITE PLAN
446431-TA400	TECHNOLOGY AUDIOVISUAL AUDIOVISUAL DETAILS
446431-TA401	TECHNOLOGY AUDIOVISUAL AUDIOVISUAL DETAILS
446431-TA402	TECHNOLOGY AUDIOVISUAL AUDIOVISUAL DETAILS
446431-TA403	TECHNOLOGY AUDIOVISUAL AUDIOVISUAL DETAILS
446431-TA404	TECHNOLOGY AUDIOVISUAL AUDIOVISUAL DETAILS
446431-TA500	TECHNOLOGY AUDIOVISUAL RF SYSTEM SCHEMATIC
446431-TA501	TECHNOLOGY AUDIOVISUAL AUDIO SYSTEM SCHEMATIC
446431-TA502	TECHNOLOGY AUDIOVISUAL COMMAND RMS. SCHEMATIC
446431-TA503	TECHNOLOGY AUDIOVISUAL MEETING RMS. SCHEMATIC
446431-TA504	TECHNOLOGY AUDIOVISUAL MISC. RMS. SCHEMATIC
446431-TA505	TECHNOLOGY AUDIOVISUAL RACK & PLATE DETAILS

ABBREVIATIONS:

AFF	- ABOVE FINISHED FLOOR
AV	- AUDIOVISUAL
CAT-5E	- TIA/EIA CATEGORY 5e RATED
CAT-6	- TIA/EIA CATEGORY 6 RATED
CLG	- CEILING
EC	- EMPTY CONDUIT (WITH PULL STRING)
GND	- GROUND
I.D.A.	- INSIDE DIAMETER
IDF	- INTERMEDIATE DISTRIBUTION FRAME
LAN	- LOCAL AREA NETWORK
MDF	- MAIN DISTRIBUTION FRAME
MM	- MULTIMODE
MTER	- MAIN TELECOMMUNICATIONS EQUIPMENT ROOM
NIC	- NOT IN CONTRACT
NTS	- NOT TO SCALE
O.D.B.	- OUTSIDE DIAMETER
OFE	- OWNER FURNISHED EQUIPMENT
OSP	- OUTSIDE PLANT
PB	- PULLBOX
SM	- SINGLE MODE
ST	- STRAND
STP	- SHIELDED TWISTED PAIR
TEMP	- TEMPORARY
TGB	- TELECOMMUNICATIONS GROUND BAR
TR	- TELECOMMUNICATIONS ROOM
TSER	- TELECOMMUNICATIONS SERVICE ENTRANCE ROOM
TYP	- TYPICAL
UON	- UNLESS OTHERWISE NOTED
UPS	- UNINTERRUPTIBLE POWER SUPPLY
UTP	- UNSHIELDED TWISTED PAIR
VOIP	- VOICE OVER INTERNET PROTOCOL
WAN	- WIDE AREA NETWORK
WAP	- WIRELESS ACCESS POINT
WP	- WATERPROOF
WW	- WIREWAY

CONDUIT KEYNOTE LEGEND:

- ①

(1) x 3/4" CONDUIT TO ACCESSIBLE CEILING
- ②

(1) x 3/4" CONDUIT AND (1) 1" CONDUIT TO ACCESSIBLE CEILING
- ③

(1) x 1" CONDUIT TO LOCAL AV-2 BOX IN ROOM
- ④

(3) x 1" CONDUIT TO ACCESSIBLE CEILING
- ⑤

(1) x 1" CONDUIT TO ACCESSIBLE CEILING

ELECTRICAL WALL SYMBOLS:

- A

AUDIO CONNECTIVITY; GANGABLE WALL BOX, 2 GANG, WITH 32MM CONDUIT KNOCKOUTS AND BLANK COVER PLATE;. MOUNT FLUSH WITH FINISHED WALL TREATMENT, AT BUILDING STANDARD BASE ELECTRICAL OUTLET HEIGHT UNLESS OTHERWISE INDICATED. IF PROVIDED, SUPERScript INDICATES NUMBER OF GANG.
- CA

AUDIOVISUAL CAMERA CONNECTIVITY; GANGABLE WALL BOX, 2 GANG, WITH 32mm CONDUIT KNOCKOUTS AND BLANK COVER PLATE; FOR . MOUNT FLUSH WITH FINISHED WALL TREATMENT, AT BUILDING STANDARD BASE ELECTRICAL OUTLET HEIGHT UNLESS OTHERWISE INDICATED. IF PROVIDED, SUPERScript INDICATES NUMBER OF GANG.
- WB

AUDIOVISUAL WALL BOX, FSR MODEL WB3, GANGABLE WALL BOX, 3 GANG WITH 32MM CONDUIT KNOCKOUTS AND BLANK COVER PLATE; FOR AUDIO CONNECTIVITY. MOUNT FLUSH WITH FINISHED WALL TREATMENT, AT BUILDING STANDARD BASE ELECTRICAL OUTLET HEIGHT UNLESS OTHERWISE INDICATED. IF PROVIDED, SUPERScript INDICATES NUMBER OF GANG.
- R

INFRARED ASSISTIVE LISTENING TRANSMITTER; GANGABLE WALL BOX, 4-11/16" HIGH X 2-1/2" DP, DOUBLE GANG, FOR MOUNT FLUSH WITH FINISHED WALL TREATMENT, AT 76" AFF UNLESS OTHERWISE INDICATED. SUPERScript INDICATES NUMBER OF GANG.
- M

MICROPHONE CONNECTIVITY; GANGABLE WALL BOX, 2 GANG, WITH 32MM CONDUIT KNOCKOUTS AND BLANK COVER PLATE. MOUNT FLUSH WITH FINISHED WALL TREATMENT, AT BUILDING STANDARD BASE ELECTRICAL OUTLET HEIGHT UNLESS OTHERWISE INDICATED. IF PROVIDED, SUPERScript INDICATES NUMBER OF GANG.
- V

VIDEO CONNECTIVITY; GANGABLE WALL BOX, 2 GANG, WITH 32MM CONDUIT KNOCKOUTS AND BLANK COVER PLATE; FOR . MOUNT FLUSH WITH FINISHED WALL TREATMENT, AT BUILDING STANDARD BASE ELECTRICAL OUTLET HEIGHT UNLESS OTHERWISE INDICATED. IF PROVIDED, SUPERScript INDICATES NUMBER OF GANG.
- C

INTERCOM CONNECTIVITY GANGABLE WALL BOX, 2 GANG, WITH 32MM CONDUIT KNOCKOUTS AND BLANK COVER PLATE; FOR . MOUNT FLUSH WITH FINISHED WALL TREATMENT, AT BUILDING STANDARD BASE ELECTRICAL OUTLET HEIGHT UNLESS OTHERWISE INDICATED. IF PROVIDED, SUPERScript INDICATES NUMBER OF GANG.
- CP

CONTROL SYSTEM TOUCH PANEL CUSTOM WALL MOUNTED BACK BOX FOR MOUNT FLUSH WITH FINISHED WALL TREATMENT, AT BUILDING STANDARD ELECTRICAL SWITCH HEIGHT UNLESS OTHERWISE INDICATED.
- AV

1

AUDIOVISUAL AUXILIARY CONNECTIVITY; GANGABLE WALL BOX, 3 GANG, WITH 32mm CONDUIT KNOCKOUTS AND BLANK COVER PLATE; FOR . MOUNT FLUSH WITH FINISHED WALL TREATMENT, AT BUILDING STANDARD BASE ELECTRICAL OUTLET HEIGHT UNLESS OTHERWISE INDICATED.
- AV

2

FLAT PANEL DISPLAY WALL BOX, FSR INC. MODEL PWB-100; CUSTOM WALL BOX, FLUSH MOUNTED W/ TELECOM OUTLET & POWER RECEPTACLE DUPLEX MOUNTED AT CENTER OF DISPLAY MOUNTING HEIGHT AFF BY ELECTRICAL CONTRACTOR.
- AV

3

12"x12"x16" NEMA 4 JUNCTION BOX FLUSH IN WALL. PROVIDE WITH (2) 3" CONDUITS TO MEDIA PEDISTAL LOCATION TBD. PROVIDE WITH PULL ROPE IN EACH CONDUIT. LOCATE (1) QUAD 110V RECEPTACLE ADJACENT TO JUNCTION BOX.
- GS

WALL MOUNTED POWER RECEPTACLE, DUPLEX, 110 VAC, 13 AMP. REFER TO ELECTRICAL CONSULTING ENGINEER'S DRAWINGS. MOUNT AT BASE BUILDING ELECTRICAL OUTLET HEIGHT.
- GS

WALL MOUNTED POWER RECEPTACLE, QUAD, 110 VAC, 13 AMP. REFER TO ELECTRICAL CONSULTING ENGINEER'S DRAWINGS. MOUNT AT BASE BUILDING ELECTRICAL OUTLET HEIGHT.
- GS

WIRE MOLD MOUNTED POWER RECEPTACLE, DUPLEX, 110 VAC, 13 AMP. REFER TO ELECTRICAL CONSULTING ENGINEER'S DRAWINGS.
- TV

WALL MOUNTED CATV OUTLET DOUBLE GANG J-BOX WITH SINGLE GANG REDUCER PLATE
- V

WALL MOUNTED VOICE/DATA OUTLET MOUNTED 18"AFF (UON) (3) CATEGORY-6 CABLES, 2-DATA/1-VOICE TO THE TECHNOLOGY ROOM 1" CONDUIT STUB-UP TO NEAREST ACCESSIBLE CEILING (CONDUIT BY E.C.) DOUBLE GANG J-BOX WITH SINGLE GANE REDUCER PLATE

ELECTRICAL CEILING SYMBOLS:

- S1

CEILING SPEAKER LOCATION, CEILING PREPARATION ONLY. PREPARATION INCLUDES MOUNTING HOLE AND REQUIRED CONDUIT. SEE AUDIOVISUAL DETAIL SHEETS. CEILING SPEAKER TANNOY MODEL CMS601 DC BM.
- S2

CEILING SPEAKER LOCATION, CEILING PREPARATION ONLY. PREPARATION INCLUDES MOUNTING HOLE AND REQUIRED CONDUIT. SEE AUDIOVISUAL DETAIL SHEETS. CEILING SPEAKER TANNOY MODEL CMS801 DC BM.
- WAP

CEILING MOUNTED WIRELESS ACCESS POINT DATA OUTLET (2) CATEGORY-6 CABLES TO THE TECHNOLOGY ROOM (ACCESS POINT BY OTHERS) PROVIDE 20' SERVICE LOOP NEATLY COILED IN CEILING.
- S

PROJECTION SCREEN OR SHADE MOTOR; 240VAC UNLESS OTHERWISE INDICATED.

ELECTRICAL FLOOR SYMBOLS:

- V

JUNCTION BOX WITH REMOVABLE COVER FOR VIDEO RECEPTACLE. SURFACE MOUNT ON SLAB UNLESS OTHERWISE INDICATED.
- A

JUNCTION BOX WITH REMOVABLE COVER FOR AUDIO RECEPTACLE. SURFACE MOUNT ON SLAB UNLESS OTHERWISE INDICATED.
- PS

SH

PROJECTION SCREEN OR SHADE CONTROL RELAY BOX, SUPPLIED WITH DEVICE. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS.
- SC

JUNCTION BOX FOR SIGNAL & CONTROL CABLE/CONDUIT TERMINATION. ALL CONDUITS TERMINATE AT THIS BOX AS PER RISER DIAGRAMS. TO BE SIZED BY ELECTRICAL ENGINEER
- AV

Q

Q

V

FLOOR BOX, WITH HINGED COVER PLATE AND CARPET FLANGE; WITH DIVIDED COMPARTMENTS FOR SHARED ACCESS WITH VOICE, DATA AND 110 VAC POWER. FLUSH MOUNT IN FLOOR UNLESS OTHERWISE INDICATED. REFER TO AUDIOVISUAL DETAIL SHEETS.
- Q

SLAB MOUNTED POWER RECEPTACLE, DUPLEX, 110 VAC, 13 AMP. REFER TO ELECTRICAL CONSULTING ENGINEER'S DRAWINGS.
- Q

SLAB MOUNTED POWER RECEPTACLE, QUAD, 110 VAC, 13 AMP. REFER TO ELECTRICAL CONSULTING ENGINEER'S DRAWINGS.
- F

FLOOR MOUNTED POKE-THRU 4-PORT VOICE/DATA OUTLET (4) CATEGORY-6 CABLES, 3-DATA/1-VOICE TO THE TECHNOLOGY ROOM (POKE-THRU BY E.C.)
- F

FLOOR BOX MOUNTED 4-PORT VOICE/DATA OUTLET (4) CATEGORY-6 CABLES, 3-DATA/1-VOICE TO THE TECHNOLOGY ROOM 1-1/4" CONDUIT IN SLAB TO NEAREST ACCESSIBLE CEILING (FLOOR BOX AND CONDUIT BY E.C.)

GENERAL NOTES:

1. REFER TO "DIVISION 26" FOR INSTALLATION INSTRUCTIONS OF FLOORBOXES, JUNCTION BOXES, PLYWOOD, GROUNDING CONDUCTORS, BUSBARS, CONDUITS, CABLE TRAYS IN CORRIDORS, METALLIC ENCLOSURES, ELECTRICAL PANELBOARDS AND CIRCUITING.
2. INSTALL FIRESTOP TO ALL SLAB AND WALL PENETRATIONS PROVIDED FOR THE INSTALLATION OF TELECOMMUNICATIONS CABLE AS REQUIRED TO MAINTAIN FIRE RATING OF SLAB OR WALL. REVIEW ARCHITECT'S PLANS FOR PARTITION TYPES.
3. WHERE REFERENCED AS "BY GENERAL CONTRACTOR" OR "BY ELECTRICAL CONTRACTOR", REQUIREMENTS ARE UNDERSTOOD TO BE PROVIDED UNDER BASE BUILDING CONSTRUCTION.
4. COORDINATE WALL BOX LOCATIONS AND DIMENSIONS WITH ARCHITECT'S AND ELECTRICAL CONSULTING ENGINEER'S PLANS.
5. COORDINATE WITH ELECTRICAL CONSULTING ENGINEER'S DRAWINGS FOR LOCATION OF ALL AUDIOVISUAL OUTLETS.
6. INSTALL CONDUIT FOR AUDIOVISUAL WIRING TO MAINTAIN A MINIMUM OF 5" SEPARATION FROM FLUORESCENT LIGHTING.
7. PROVIDE J-HOOKS OR CABLE STRAPS NO GREATER THAN 5'-0" APART TO SUPPORT CABLES WHERE NO CABLE TRAYS AND CONDUITS ARE PROVIDED.
8. IF CONFLICTS ARE FOUND BETWEEN THE AUDIOVISUAL DRAWINGS AND ANY OTHER DRAWINGS ASSOCIATED WITH THE PROJECT, NOTIFY THE ARCHITECT AT ONCE AND HAVE LOCATION VERIFIED BEFORE OUTLETS ARE INSTALLED. ANY REASONABLE CHANGE IN LOCATION OF OUTLETS PRIOR TO ROUGHING SHALL NOT INVOLVE ADDITIONAL EXPENSE TO THE OWNER. THE TERM "REASONABLE" SHALL BE INTERPRETED AS MOVING OUTLET LOCATIONS A MAXIMUM OF 10'-0" IN ANY DIRECTION FROM THE LOCATION INDICATED ON THE DRAWINGS
9. COORDINATE INSTALLATION OF CONDUITS AND CABLE TRAYS WITH OTHER COMPONENTS INSTALLED WITHIN CEILING. PREPARE SHOP DRAWINGS TO DEMONSTRATE AND ENSURE PROPER INSTALLATION OF ALL COMPONENTS.
10. MAINTAIN MINIMUM BEND RADIUS OF 10X O.D. FOR CONDUITS GREATER THAN 2" DIAMETER. MAINTAIN MINIMUM BEND RADIUS OF 6X O.D. FOR CONDUITS EQUAL TO OR LESS THAN 2" DIAMETER.
11. PROVIDE PULL BOXES (SIZE AS NOTED) AFTER EVERY 100'-0" OF RUN OR AFTER EVERY 180-DEGREES OF BEND.
12. DO NOT INSTALL PULL BOXES IN LIEU OF A BEND.
13. REAM AND BUSH THE ENDS OF ALL CONDUITS.
14. PROVIDE AND LEAVE IN PLACE A PULL STRING IN EACH CONDUIT.
15. STUB UP CONDUIT SLEEVES THROUGH SLABS 3" ABOVE FINISHED FLOORS.
16. PROVIDE HANGERS, ANCHORS, MOUNTING HARDWARE, GROUND LUGS AND STRAPS AS REQUIRED TO ENSURE PROPER INSTALLATION OF PATHWAY COMPONENTS. INSTALL ALL COMPONENTS AS PER MANUFACTURERS RECOMMENDATIONS AND PER ALL APPLICABLE CODES.
17. GROUND ALL CONDUITS AND LADDER RACK AS PER MANUFACTURERS' RECOMMENDATIONS AND PER ALL APPLICABLE CODES.
18. PROVIDE AT ALL LADDER RACK AND CABLE TRAY LOCATIONS; RUNWAY DROPOFFS, SPLICE HARDWARE, GROUND STRAPS, THERMAL EXPANSION PLATES, TERMINATION KITS, END SUPPORT KITS AND CEILING SUPPORT HARDWARE.
19. PROVIDE FOR ALL BASKET TYPE CABLE TRAY LOCATIONS; CONNECTION HARDWARE, GROUND STRAPS, THERMAL EXPANSION PLATES, SUPPORT BRACKETS AND CEILING SUPPORT HARDWARE.
20. REFER TO RISER DIAGRAMS FOR REQUIREMENTS FOR JUNCTION BOX AND CONDUITS WITHIN INDIVIDUAL ROOM LOCATIONS.
21. WHERE CABLE IS RUN ABOVE NON-ACCESSIBLE (I.E. GYPSUM BOARD) CEILING CONSTRUCTION, CONDUIT AND PULLBOXES MUST BE INSTALLED TO PROPERLY ROUTE CABLE.
22. PROVIDE J-HOOKS AND CABLE STRAPS TO SUPPORT CABLE ABOVE ACCESSIBLE CEILING CONSTRUCTION, EXCEPT IN AREAS WHERE CABLE TRAY OR CONDUIT IS INDICATED.

SCOPE OF WORK BETWEEN TRADES

- GENERAL CONTRACTOR
 - FURNISH AND INSTALL ALL IN WALL BLOCKING SUPPORT FOR AV MOUNTS INCLUDING FUTURE LOCATIONS
 - FURNISH AND INSTALL ALL MOTORIZED PROJECTION SCREENS
 - PROVIDE WALL AND CEILING SPEAKER CUTOUTS
 - COORDINATE TABLE CUTOUTS FOR AV EQUIPMENT WITH ARCHITECT, SMW AND FURNITURE PROVIDER
- ELECTRICAL CONTRACTOR
 - FURNISH AND INSTALL ALL POWER OUTLETS AND JUNCTION BOXES
 - FURNISH AND INSTALL ALL CONDUIT
 - FURNISH AND INSTALL ALL AV BACK BOXES
 - FURNISH AND INSTALL ALL PULLS STRINGS IN CONDUIT
 - FURNISH AND INSTALL ALL ELECTRICAL BOXES
 - FURNISH AND INSTALL ALL FLOOR BOXES
- AUDIO VISUAL CONTRACTOR

NOTE: IT IS THE RESPONSIBILITY OF THE AVC TO ASCERTAIN WHETHER THE PROJECT REQUIRES UNION LABOR FOR ALL AUDIO VISUAL WORK. IF THE PROJECT REQUIRES UNION LABOR, THE AVC MUST PROVIDE UNION CONTRACTORS TO PERFORM THEIR SCOPE OF WORK.

 - FURNISH AND INSTALL ALL AV CABLING
 - FURNISH AND INSTALL ALL AV CONNECTORS
 - FURNISH AND INSTALL ALL CABLE TRAY AND LADDER RACKS
 - FURNISH AND INSTALL ALL AV PLATES AND INTERFACES
 - FURNISH AND INSTALL ALL AV LECTERNS (THIS CAN ALSO BE PROVIDED BY CLIENT)
 - FURNISH AND INSTALL ALL AV DEVICES (AS DESCRIBED IN THE AV BID PACKAGE)
 - FURNISH AND INSTALL ALL CEILING MOUNTED AUDIO VISUAL DEVICES
 - FURNISH AND INSTALL CEILING AV MOUNTS
 - FURNISH AND INSTALL MOTORIZED PROJECTION LIFTS
 - FURNISH AND INSTALL WALL MOUNTS
 - FURNISH AND INSTALL ALL AV DEVICES (AS DESCRIBED IN THE AV BID PACKAGE)
 - FURNISH AND INSTALL ALL RF DISTRIBUTION CABLING
- DATA CONTRACTOR
 - FURNISH AND INSTALL ALL NETWORK CABLING – FIBER AND TWISTED PAIR
 - FURNISH AND INSTALL ALL NETWORK CONNECTORS AND PLATES



1. ISSUE FOR PRICING	04/02/12	BR	JEM	JEM
2. FOR REVIEW	03/01/12	BR	JEM	JEM
3. ISSUE FOR CONSTRUCTION	03/01/11	BR	CC	TL
4. REVIEW FOR ADDENDUM #2	11/01/11	BR	CC	TL
5. ISSUE FOR ADD REVIEW AND Q&A	03/01/11	BR	CC	TL

NO.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
DRAWN BY BR					
		DATE 04-02-12	SEAL		
CHECKED BY JEM		DATE 04-02-12			
APPROVED BY JEM		DATE 04-02-12			
PROJECT MGR TL		DATE 04-02-12			

PARSONS COMMERCIAL TECHNOLOGY GROUP		
OFFICE The Historic Littlefield Building 106 East 6th Street, Suite 200 Austin, Texas 78701 T 512.501.3740 F 512.501.3741	JOB 446431-13000	CORPORATE LICENSE #

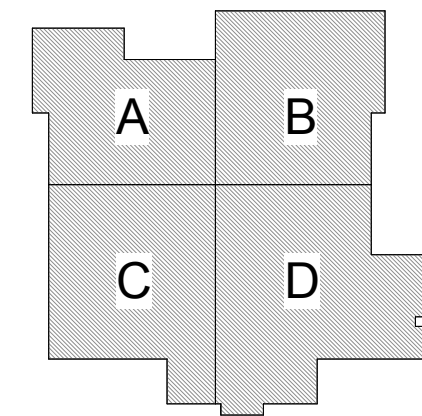
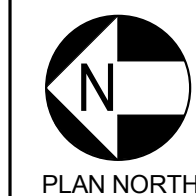
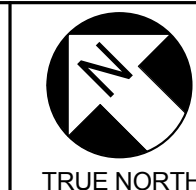
PROJECT TITLE WILLIAMSON COUNTY EMERGENCY SERVICES OPERATIONS CENTER GEORGETOWN, TX
--

DRAWING TITLE TECHNOLOGY AUDIOVISUAL SYMBOLS AND LEGEND

SCALE	
DRAWING NO. 446431-TA000	REV 4

4/2/2012 4:54:43 PM

① OVERALL FACILITY PLAN
1/8" = 1'-0"



KEY PLAN



NO.	DESCRIPTION	DATE	DRWN	CHKD	APPRD
1	ISSUE FOR PRICING	04/02/12	BR	JEM	JEM
2	FOR REVIEW	03/02/12	BR	JEM	JEM
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					
65					
66					
67					
68					
69					
70					
71					
72					
73					
74					
75					
76					
77					
78					
79					
80					
81					
82					
83					
84					
85					
86					
87					
88					
89					
90					
91					
92					
93					
94					
95					
96					
97					
98					
99					
100					

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE: The Historic Littlefield Building
100 East 6th Street, Suite 200
Austin, Texas 78701
T 512.501.3740
F 512.501.3741

JOB: 446431-13000
CORPORATE LICENSE #

PROJECT TITLE:
**WILLIAMSON COUNTY
EMERGENCY SERVICES
OPERATIONS CENTER**
GEORGETOWN, TX

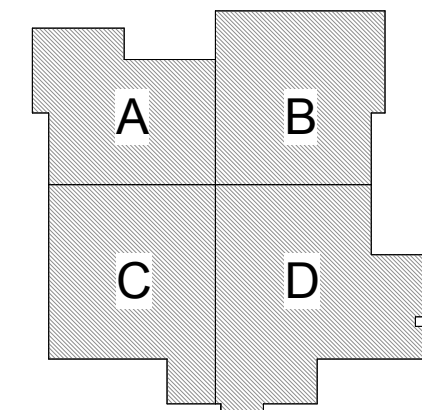
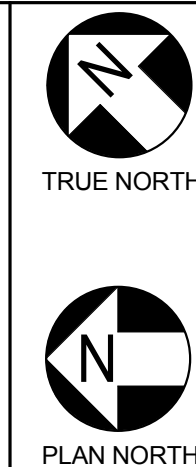
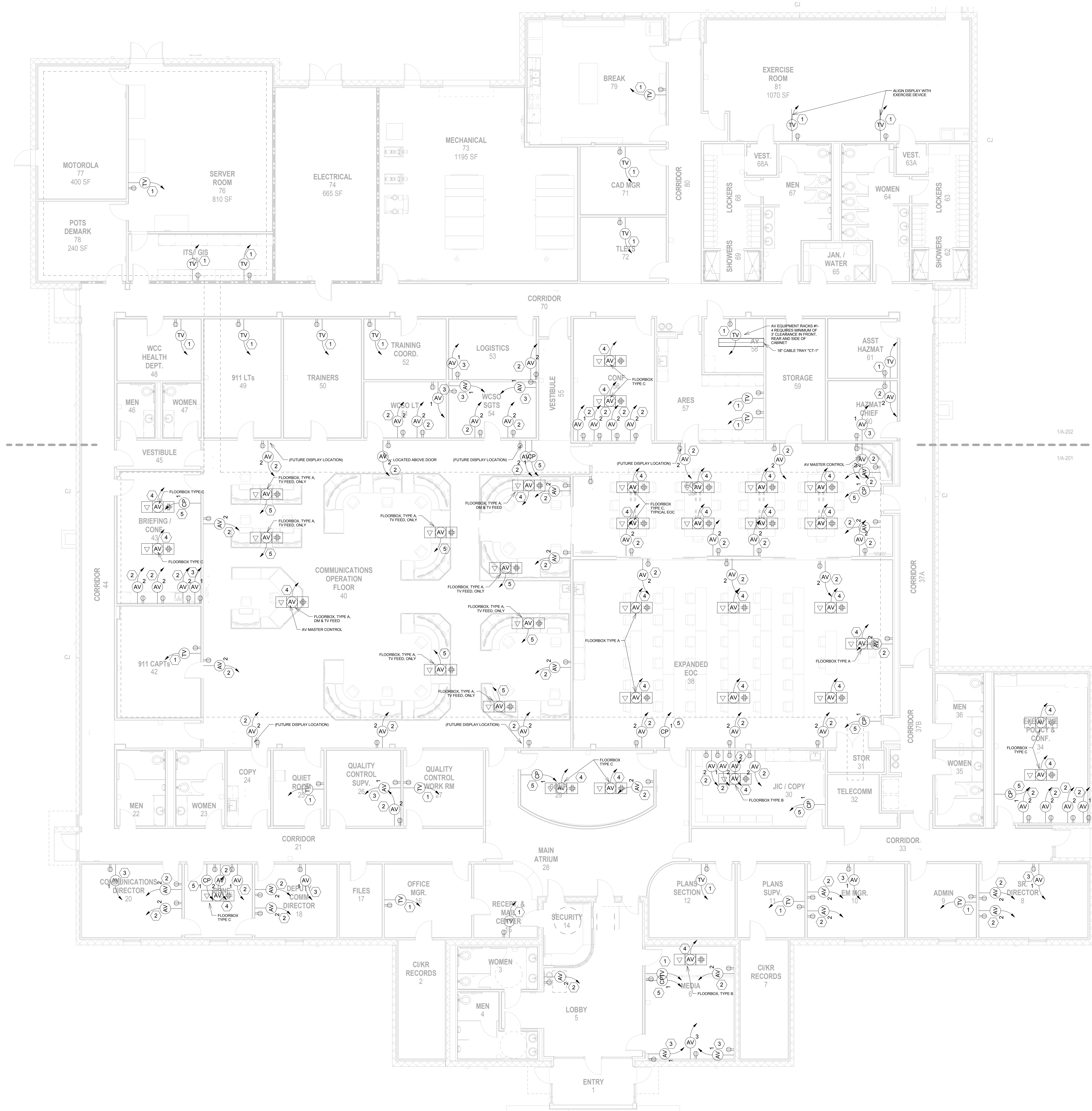
DRAWING TITLE:
**TECHNOLOGY AUDIOVISUAL
OVERALL FACILITY PLAN**

SCALE:
1/8" = 1'-0"

DRAWING NO.: 446431-TA100
REV: 4

4/2/2012 4:54:48 PM

1 OVERALL ELECTRICAL PLAN
1/8" = 1'-0"



KEY PLAN



NO.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
1	ISSUE FOR PRICING	04/02/12	BR	JEM	JEM
2	FOR REVIEW	03/01/12	BR	JEM	JEM
3					
4					
5					
6					
7					
8					



OFFICE: The Historic Littlefield Building
100 East 6th Street, Suite 200
Austin, Texas 78701
T 512.501.3740
F 512.501.3741

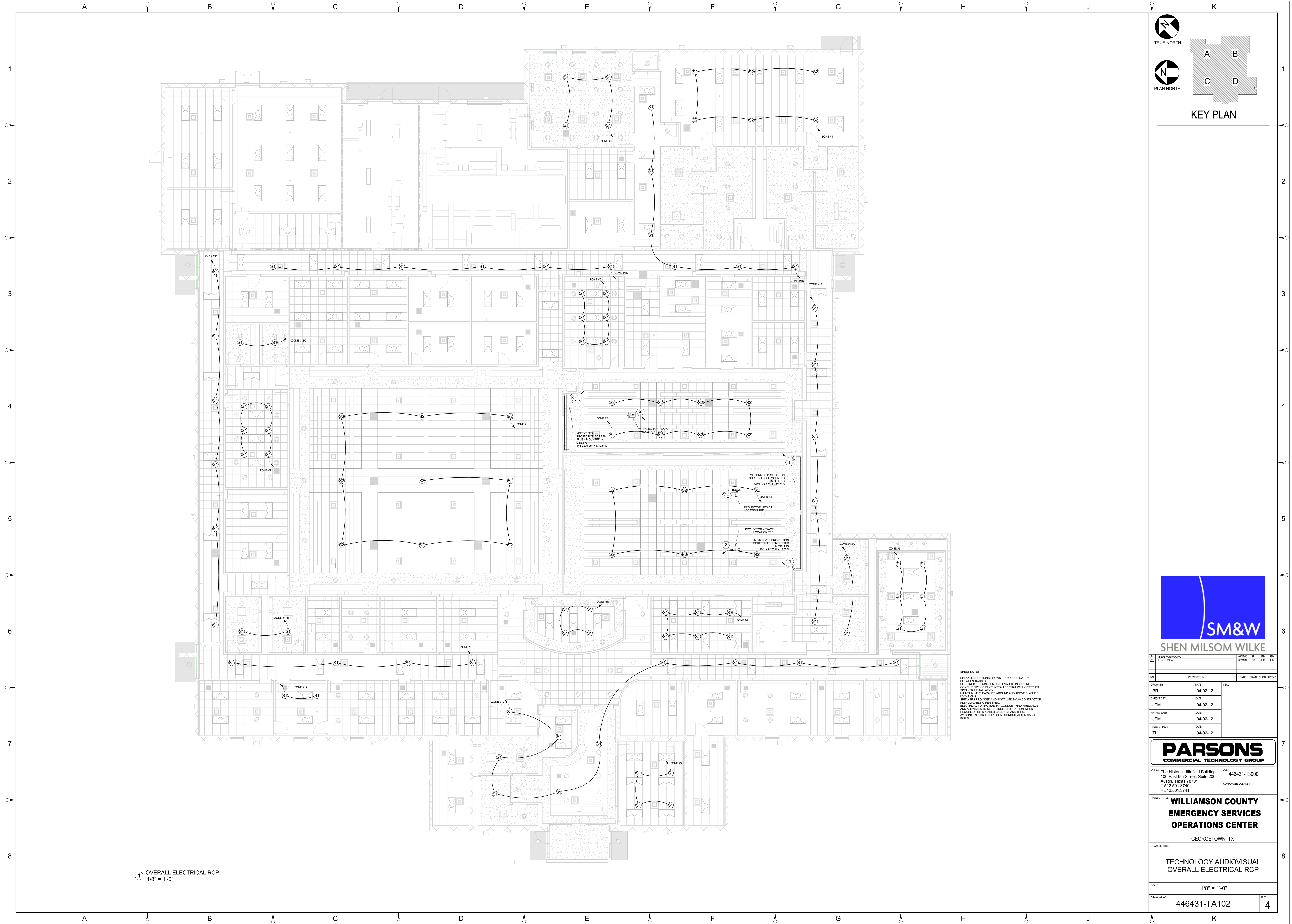
JOB: 446431-13000
CORPORATE LICENSE #

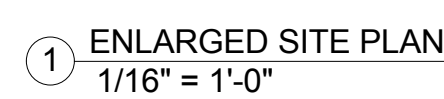
PROJECT TITLE: **WILLIAMSON COUNTY
EMERGENCY SERVICES
OPERATIONS CENTER**
GEORGETOWN, TX

DRAWING TITLE: **TECHNOLOGY AUDIOVISUAL
OVERALL ELECTRICAL PLAN**

SCALE: 1/8" = 1'-0"
DRAWING NO: 446431-TA101
REV: 4

4/2/2012 4:54:54 PM



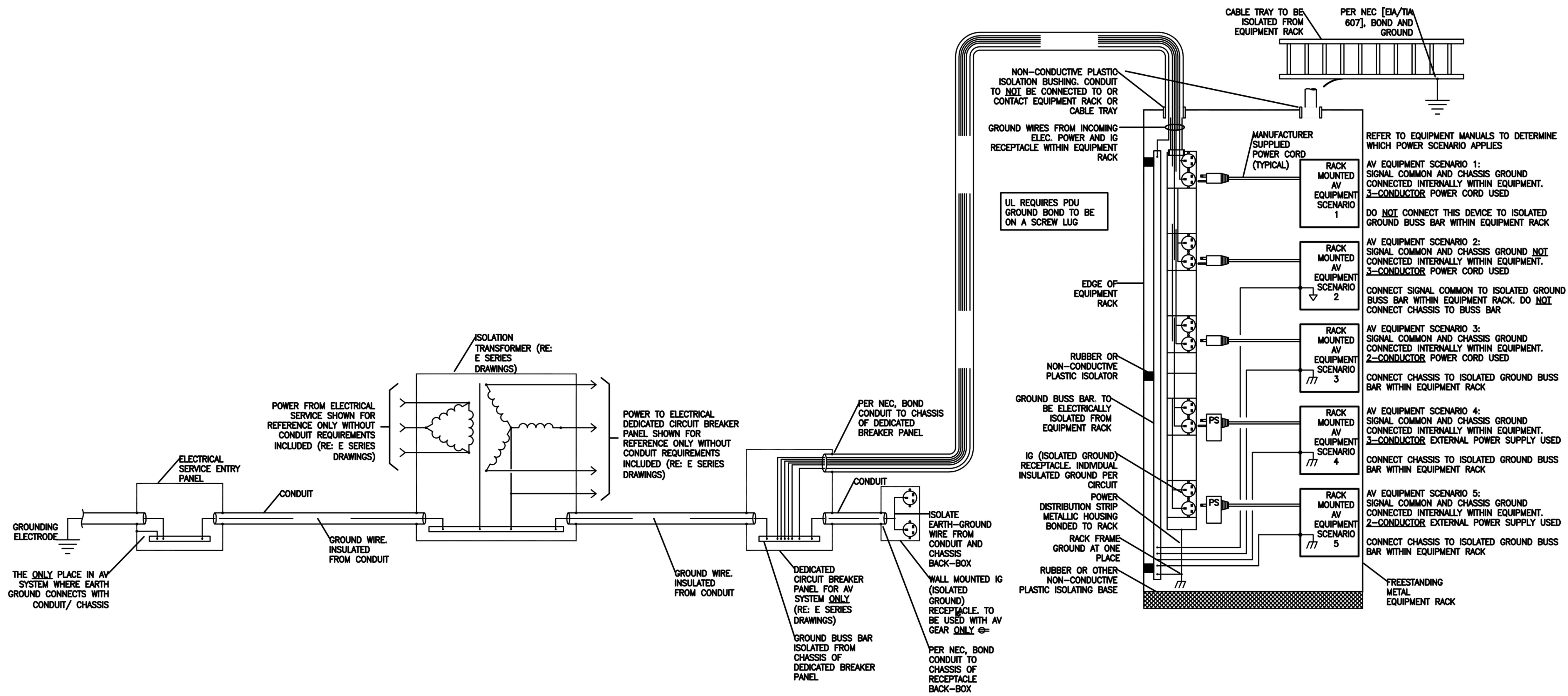


3.	ISSUE FOR PRICING	5/6/2012	BR	JEM	JEM
3.	FOR REVIEW	8/30/12	BR	JEM	JEM
3.	ISSUE FOR CONSTRUCTION	12/23/11	BR	CC	TL
NO.	DESCRIPTION	DATE	DRWN	CHKD	APPRVD
DRWN BY	DATE	SEAL			
BR	04-02-12				
CHECKED BY	DATE				
JEM	04-02-12				
APPROVED BY	DATE				
JEM	04-02-12				
PROJECT MGR	DATE				
TL	04-02-12				

OFFICE	The Historic Littlefield Building 106 East 6th Street, Suite 200 Austin, Texas 78701 T 512.501.3740 F 512.501.3741	JOB	446431-13000
		CORPORATE LICENSE #	

TECHNOLOGY AUDIOVISUAL
ENLARGED SITE PLAN

SCALE	1/16" = 1'-0"	
DRAWING NO.	446431-TA308	REV. 4



1 AUDIOVISUAL SYSTEMS ISOLATED
GROUNDING SCHEMATIC (FOR USE IN
ALL AV CLOSETS)



SHEN MILSOM WILKE

1. ISSUE FOR PRICING	04/02/12	BR	JEM	JEM
2. FOR REVIEW	03/07/12	BR	JEM	JEM
3. ISSUE FOR CONSTRUCTION	03/07/12	BR	CC	TL

NO.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
-----	-------------	------	-------	---------	----------

DRAWN BY BR	DATE 04-02-12	SEAL
CHECKED BY JEM	DATE 04-02-12	
APPROVED BY JEM	DATE 04-02-12	
DATE 04-02-12	PROJECT MGR TL	

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE: The Historic Littlefield Building
100 East 6th Street, Suite 200
Austin, Texas 78701
T 512.501.3740
F 512.501.3741

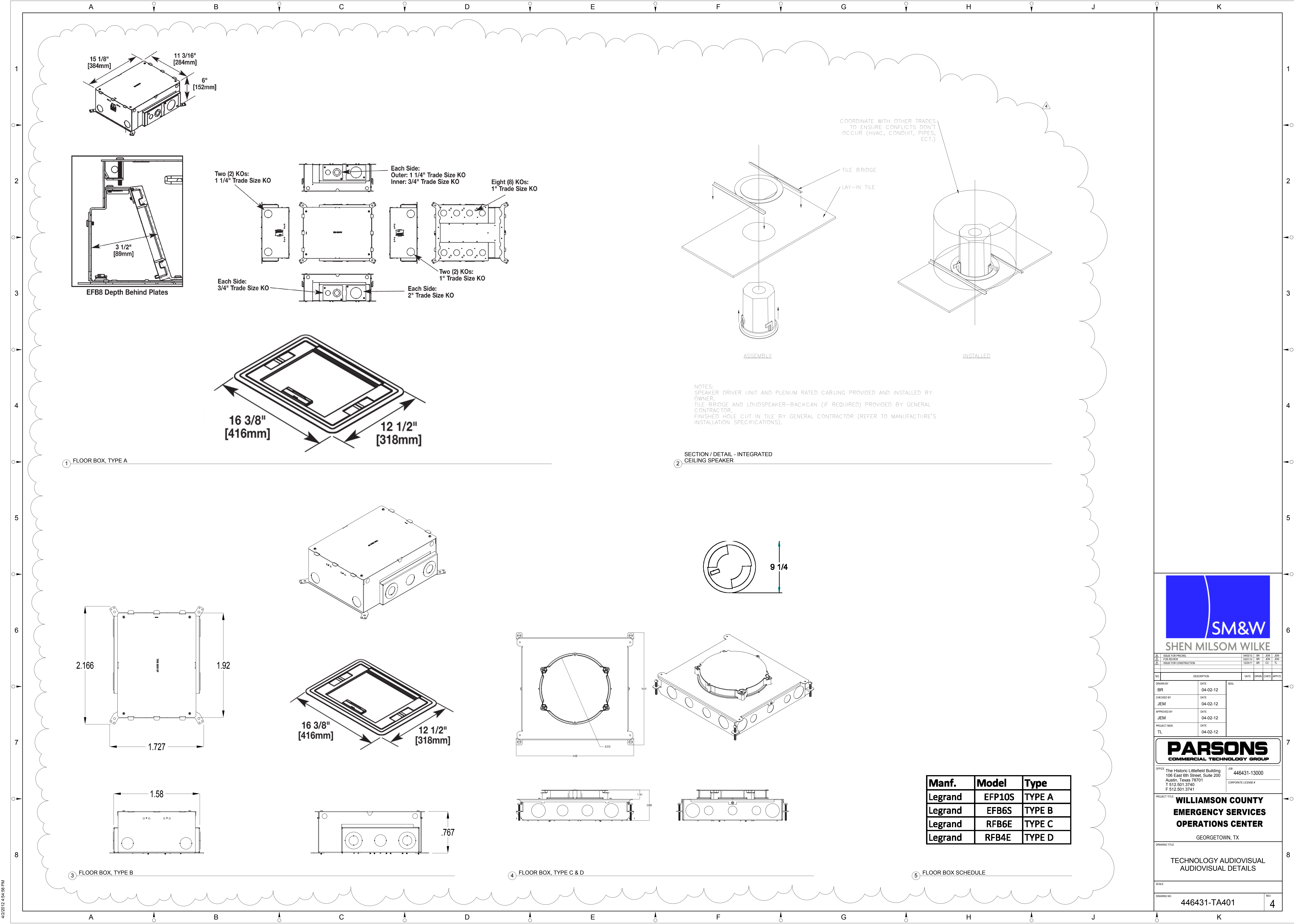
JOB: 446431-13000
CORPORATE LICENSE #

PROJECT TITLE
**WILLIAMSON COUNTY
EMERGENCY SERVICES
OPERATIONS CENTER**
GEORGETOWN, TX

DRAWING TITLE
**TECHNOLOGY AUDIOVISUAL
AUDIOVISUAL DETAILS**

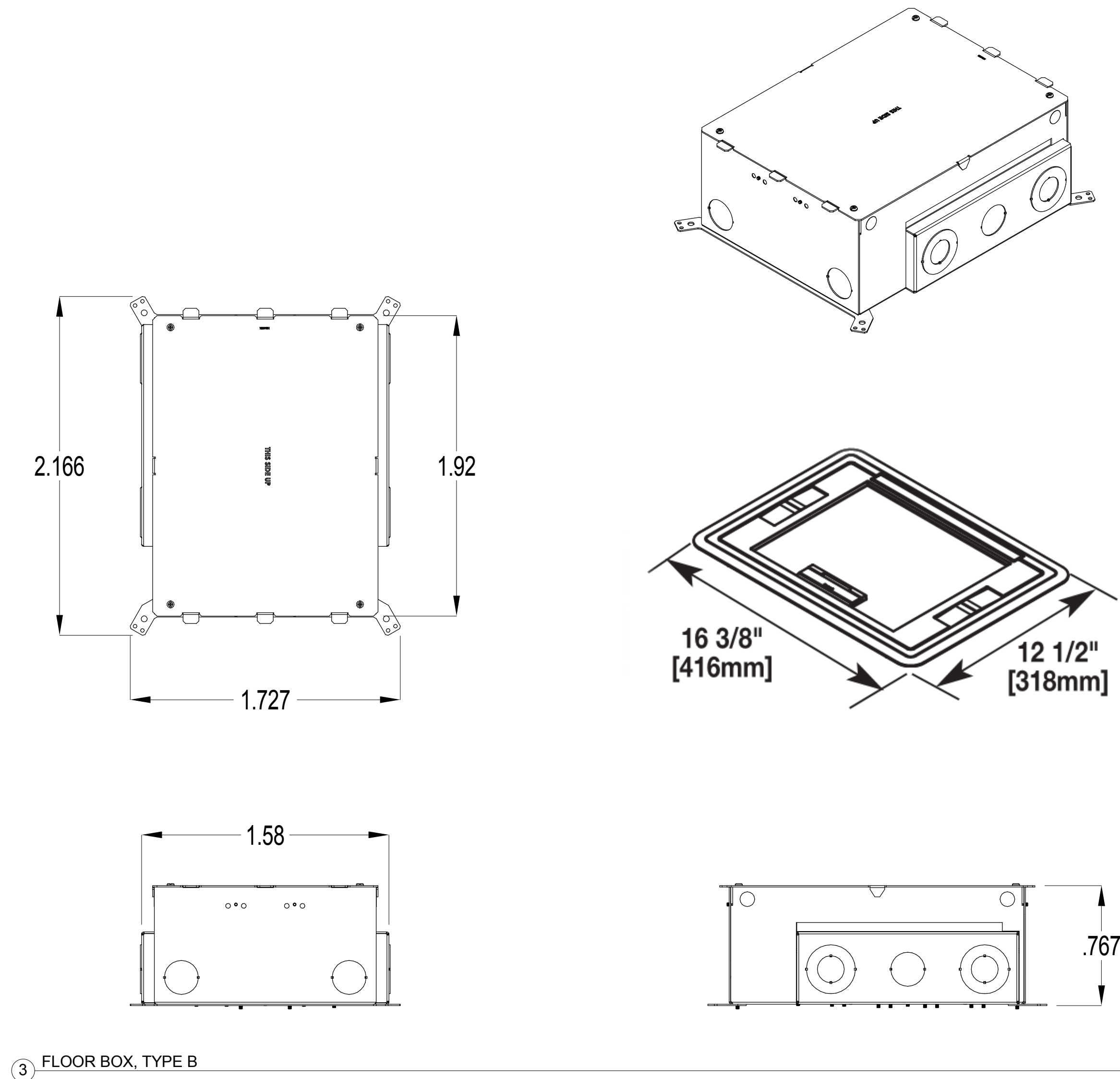
SCALE

DRAWING NO. 446431-TA400
REV 4

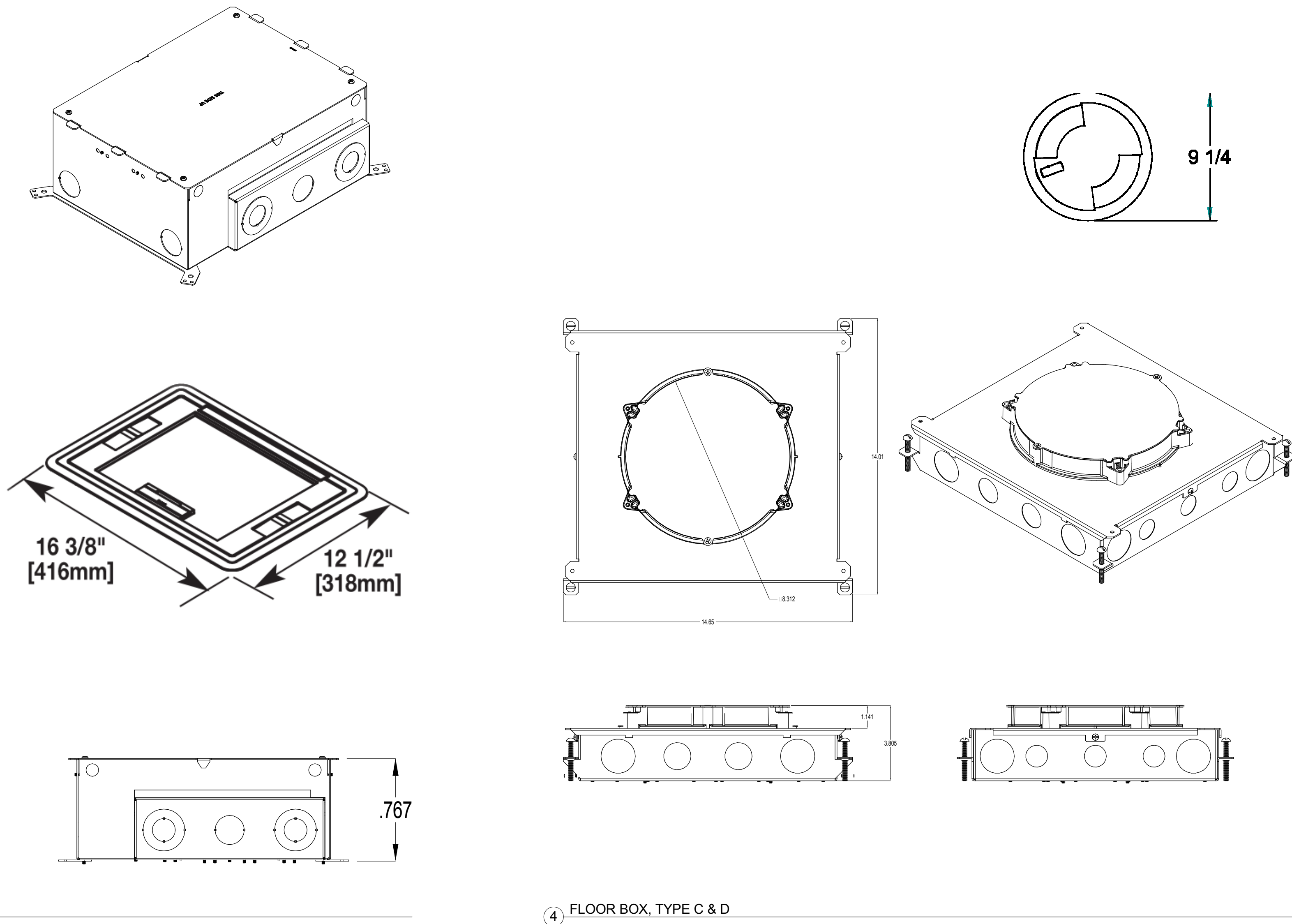


1 FLOOR BOX, TYPE A

2 SECTION / DETAIL - INTEGRATED CEILING SPEAKER



3 FLOOR BOX, TYPE B



4 FLOOR BOX, TYPE C & D

Manf.	Model	Type
Legrand	EFB10S	TYPE A
Legrand	EFB6S	TYPE B
Legrand	RFB6E	TYPE C
Legrand	RFB4E	TYPE D

5 FLOOR BOX SCHEDULE



SHEN MILSOM WILKE

NO.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
1	ISSUE FOR PRICING	04-02-12	BR	JEM	JEM
2	FOR REVIEW	03-02-12	BR	JEM	JEM
3	ISSUE FOR CONSTRUCTION	03-02-12	BR	CC	TL

PARSONS
COMMERCIAL TECHNOLOGY GROUP

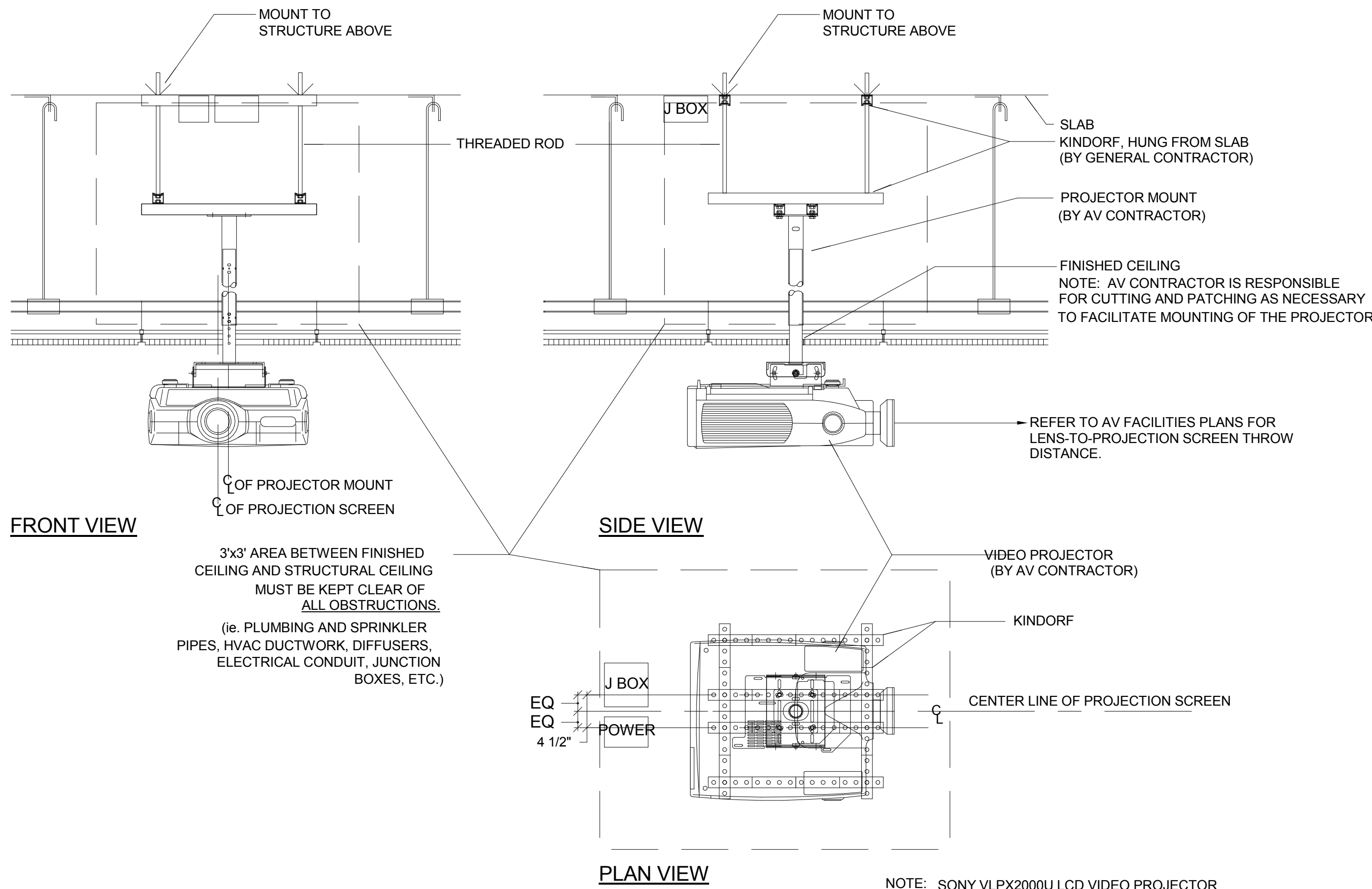
OFFICE	The Historic Littlefield Building 100 East 6th Street, Suite 200 Austin, Texas 78701 T 512.501.3740 F 512.501.3741	JOB	446431-13000
		CORPORATE LICENSE #	

PROJECT TITLE
**WILLIAMSON COUNTY
EMERGENCY SERVICES
OPERATIONS CENTER**
GEORGETOWN, TX

DRAWING TITLE
**TECHNOLOGY AUDIOVISUAL
AUDIOVISUAL DETAILS**

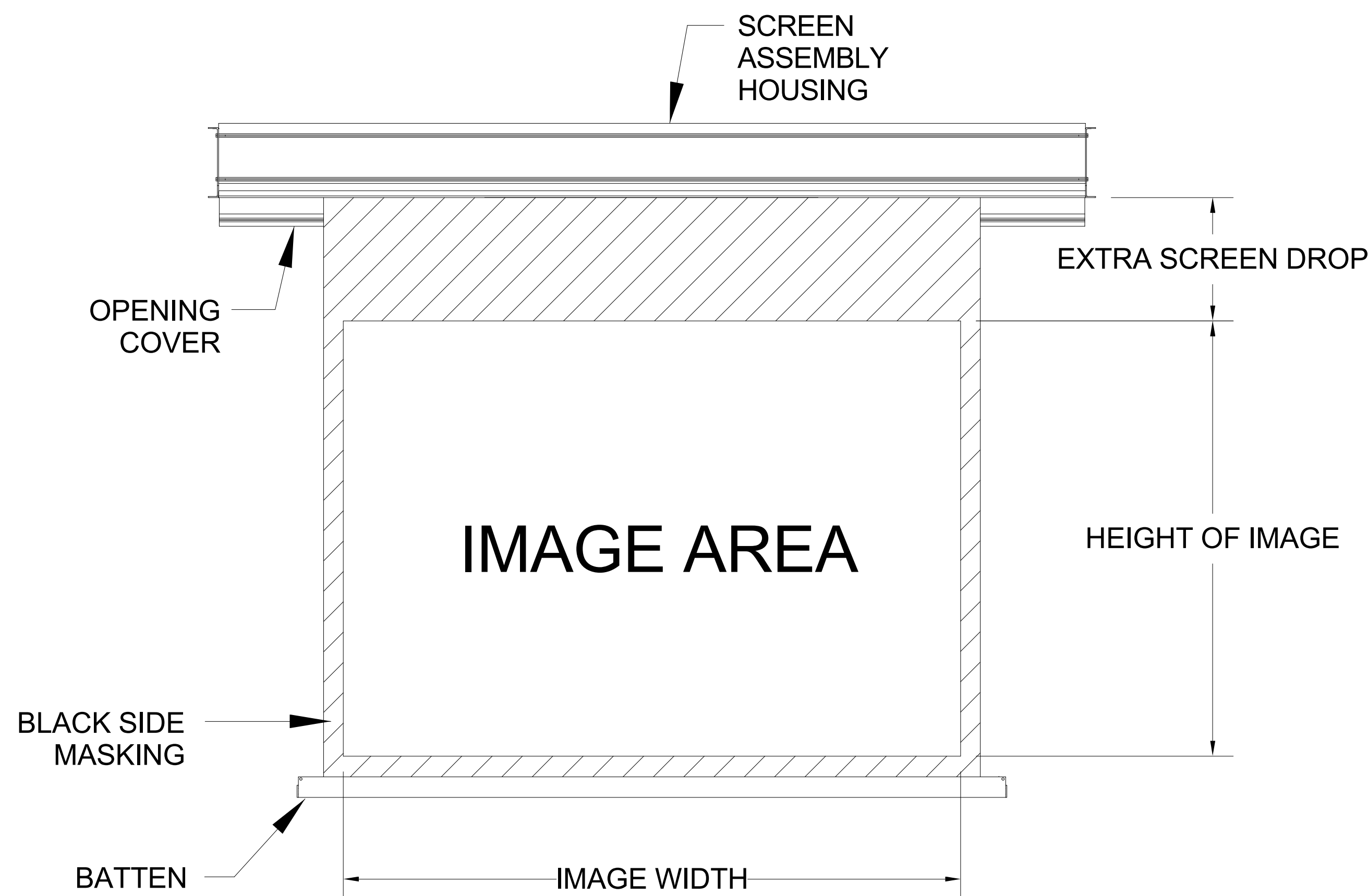
SCALE	
DRAWING NO.	446431-TA401
REV	4

4/2/2012 4:54:58 PM



NOTE: SONY VLPX2000U LCD VIDEO PROJECTOR
DIMENSIONS = 22.25W X 9.4H X 25.7D
POWER CONSUMPTION = 770 WATT
POWER SOURCE = 110-120, 50/60Hz
APPROXIMATE WEIGHT = 70 LBS 9 OZ WITH LENS

1 PROJECTOR DETAIL

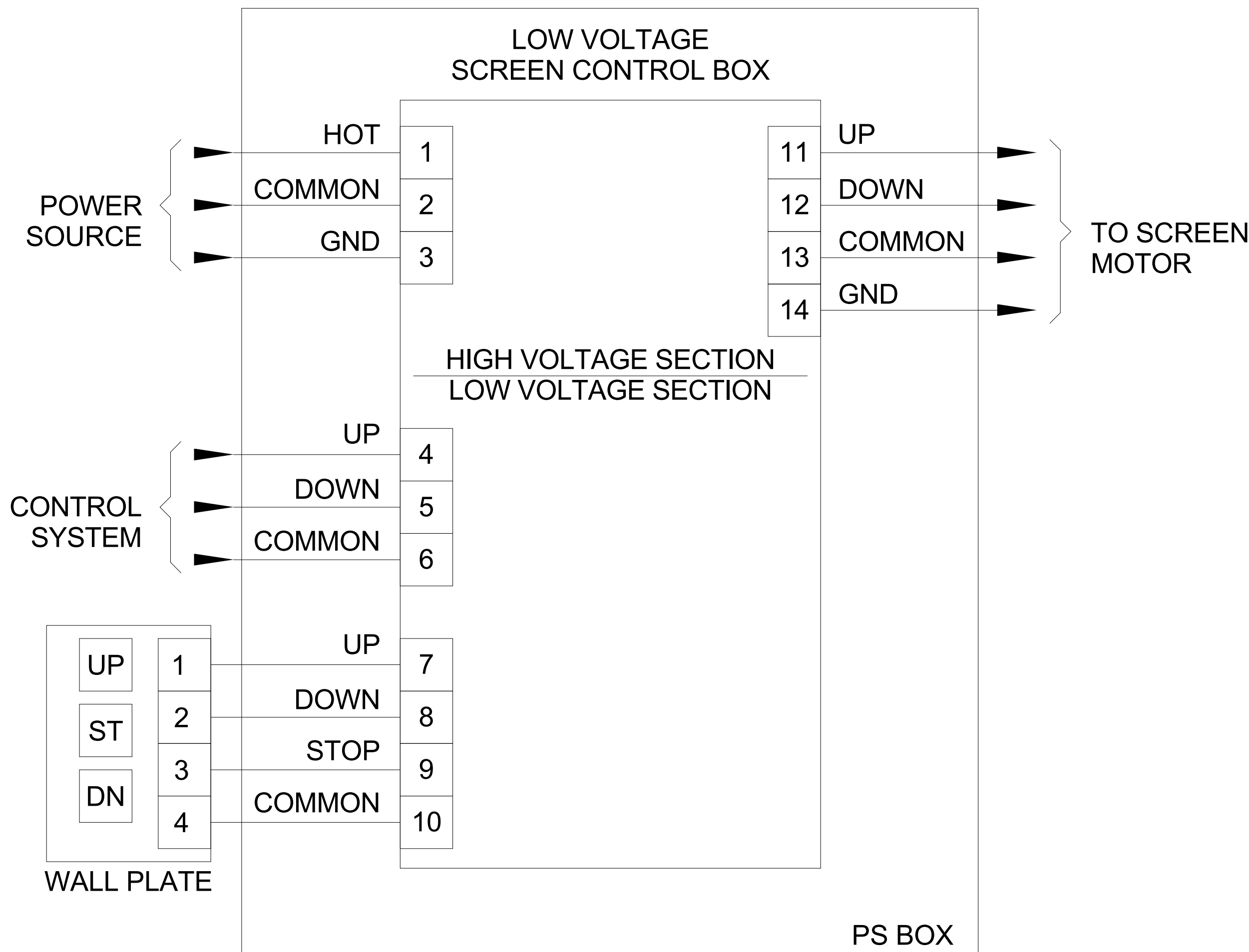


NOTE:

PROJECTION SCREEN IS MOTORIZED AND FLUSH MOUNTED IN CEILING.

ATTACH SCREEN ASSEMBLY TO STRUCTURE ABOVE VIA THREADED ROD.

2 PROJECTION SCREEN DETAIL



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.



NO.	DESCRIPTION	DATE	DRAWN	CHWD	APPROV
1	ISSUE FOR PRICING	04/02/12	BR	JEM	JEM
2	FOR REVIEW	03/07/12	BR	JEM	JEM
3	ISSUE FOR CONSTRUCTION	03/07/11	BR	CC	TL

DRAWN BY	DATE	SEAL
BR	04-02-12	
CHECKED BY	DATE	
JEM	04-02-12	
APPROVED BY	DATE	
JEM	04-02-12	
PROJECT MGR	DATE	
TL	04-02-12	



OFFICE	The Historic Littlefield Building 100 East 9th Street, Suite 200 Austin, Texas 78701 T 512.501.3740 F 512.501.3741	JOB 446431-13000 CORPORATE LICENSE #
--------	--	--

PROJECT TITLE	WILLIAMSON COUNTY EMERGENCY SERVICES OPERATIONS CENTER
GEORGETOWN, TX	

DRAWING TITLE	TECHNOLOGY AUDIOVISUAL AUDIOVISUAL DETAILS
---------------	---

SCALE	
DRAWING NO.	446431-TA402
REV	4

4/2/2012 4:55:00 PM

A B C D E F G H I J K

1

2

3

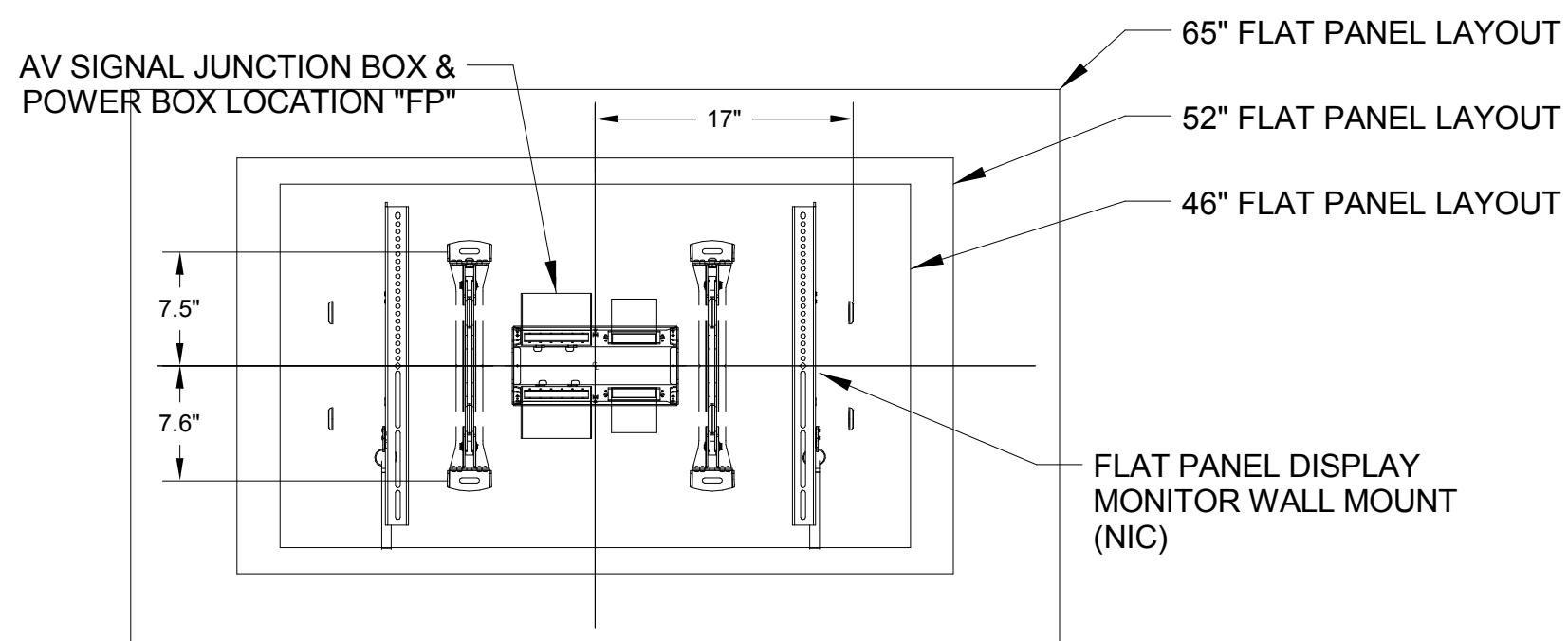
4

5

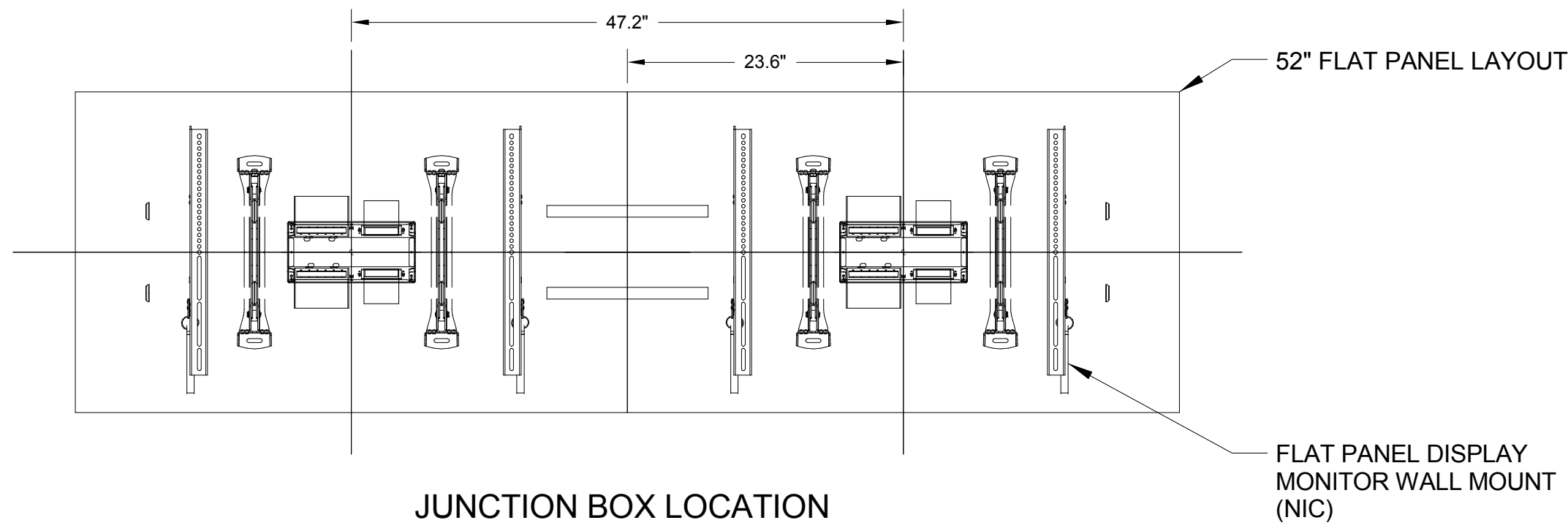
6

7

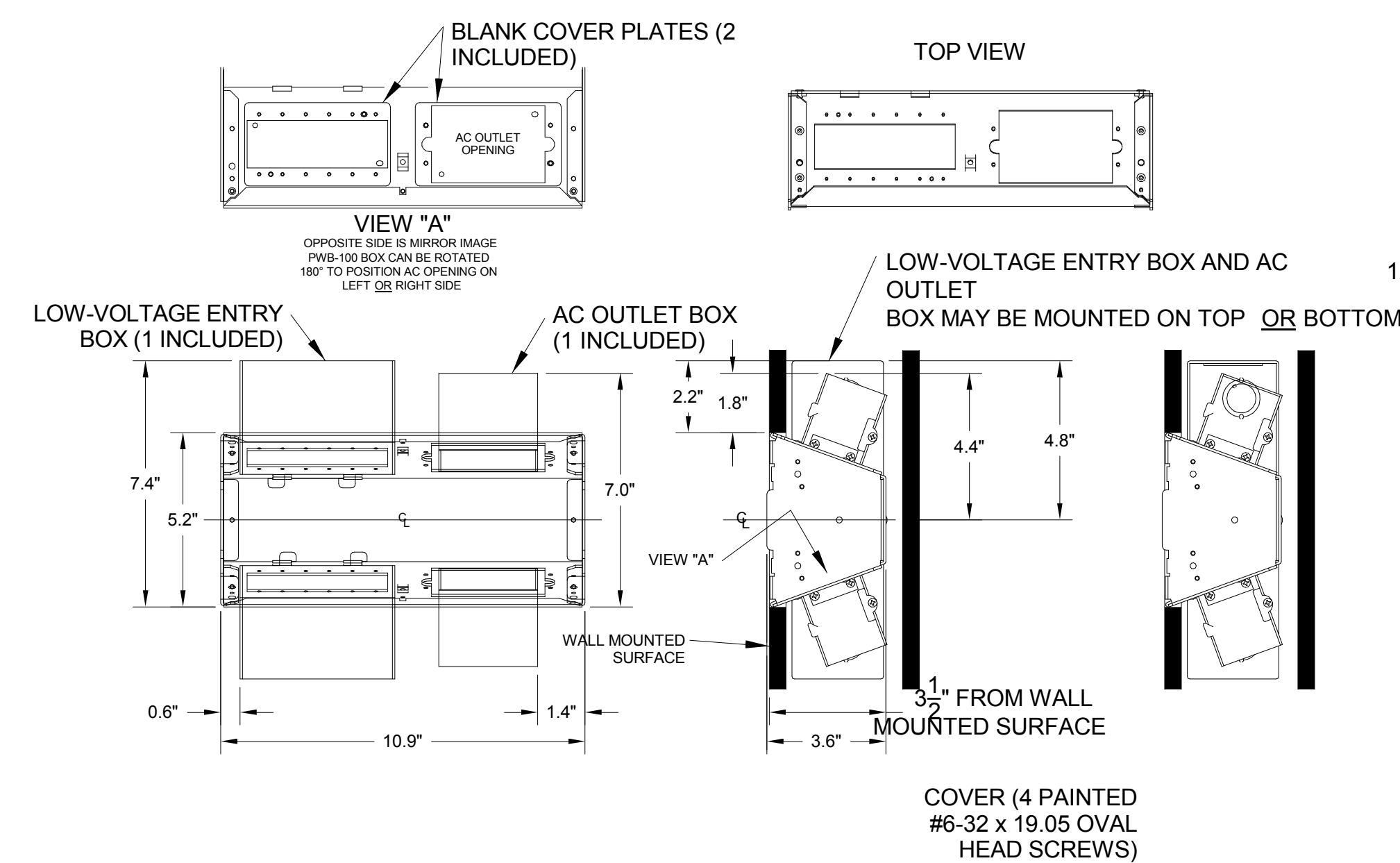
8



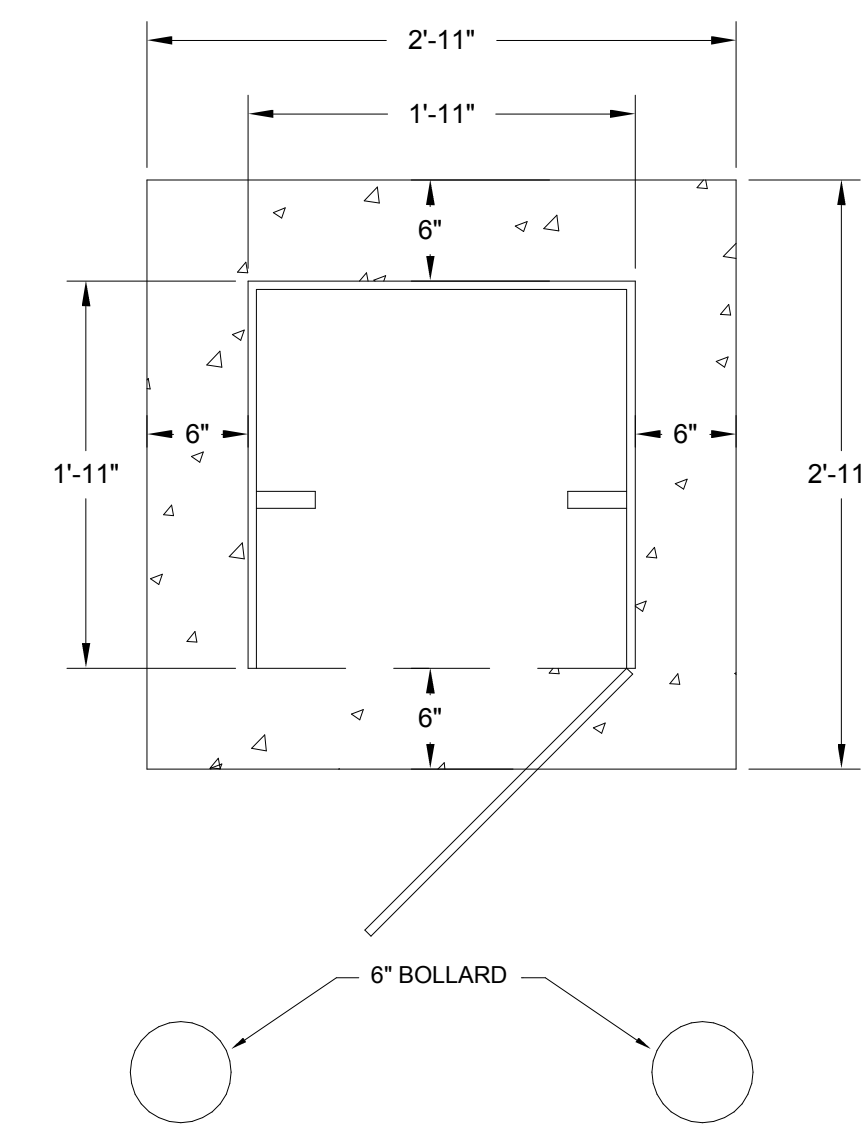
JUNCTION BOX LOCATION
(SINGLE PANEL)



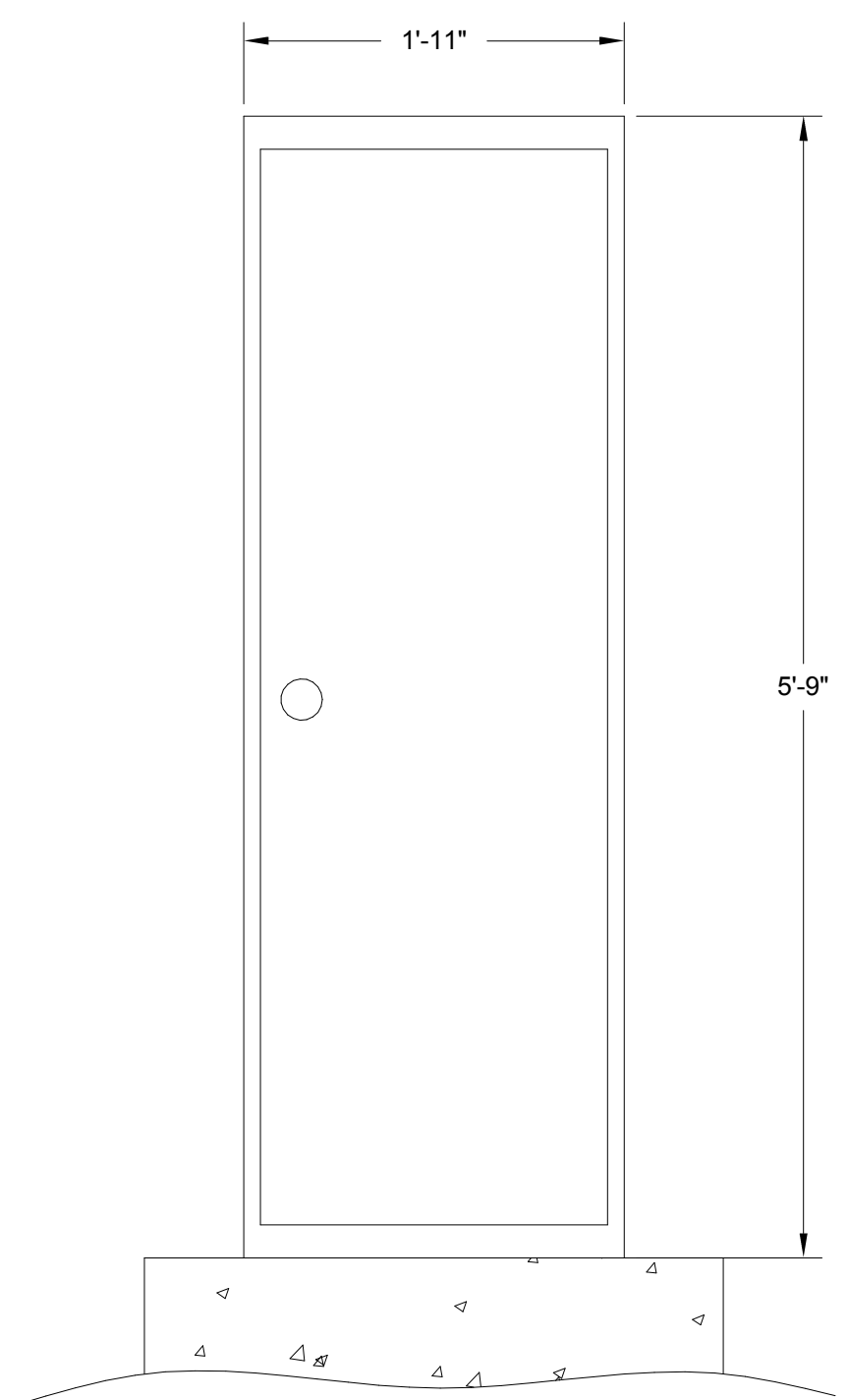
JUNCTION BOX LOCATION
(DUAL PANEL)



① FLAT PANEL WALL BOX

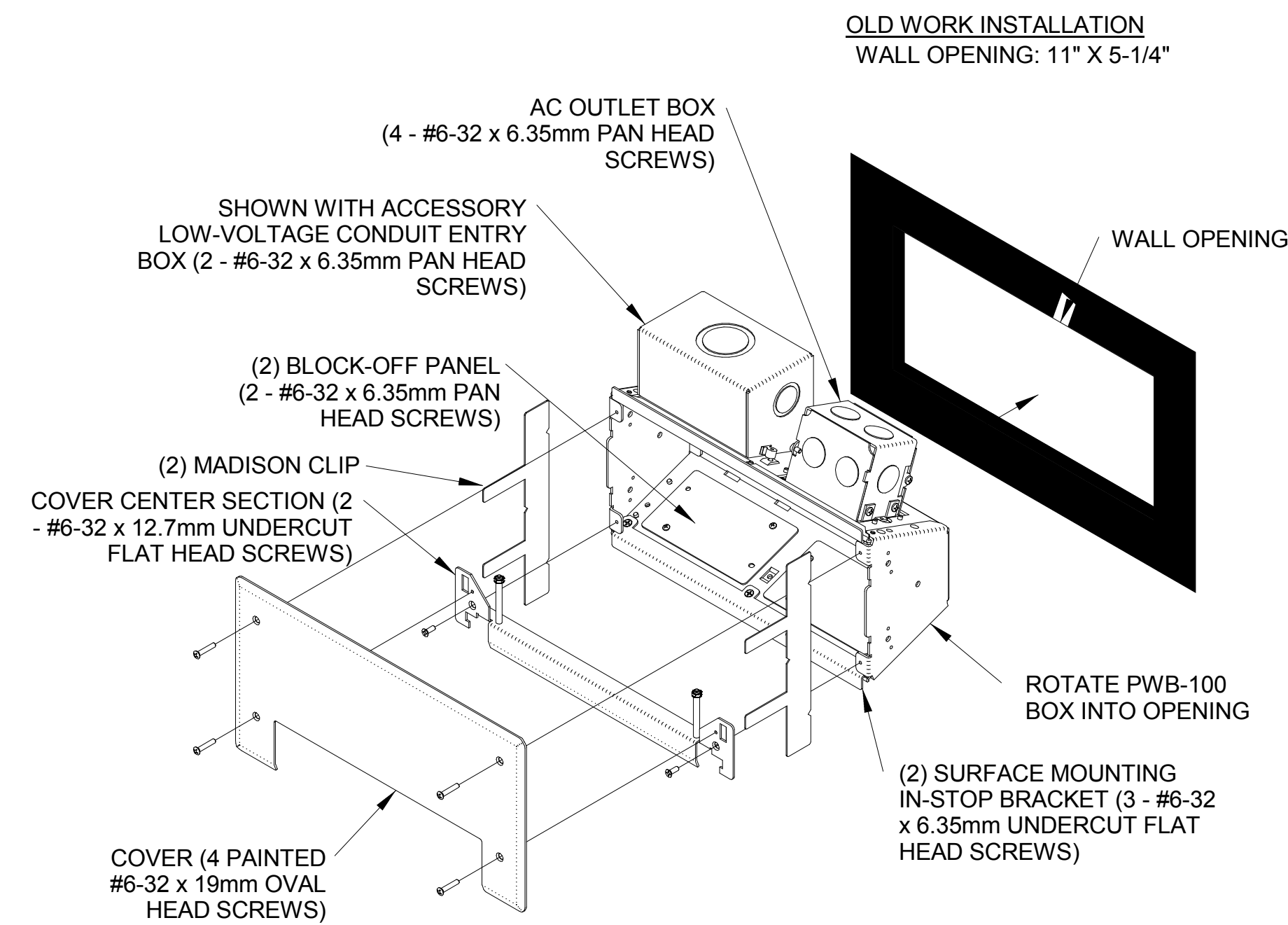
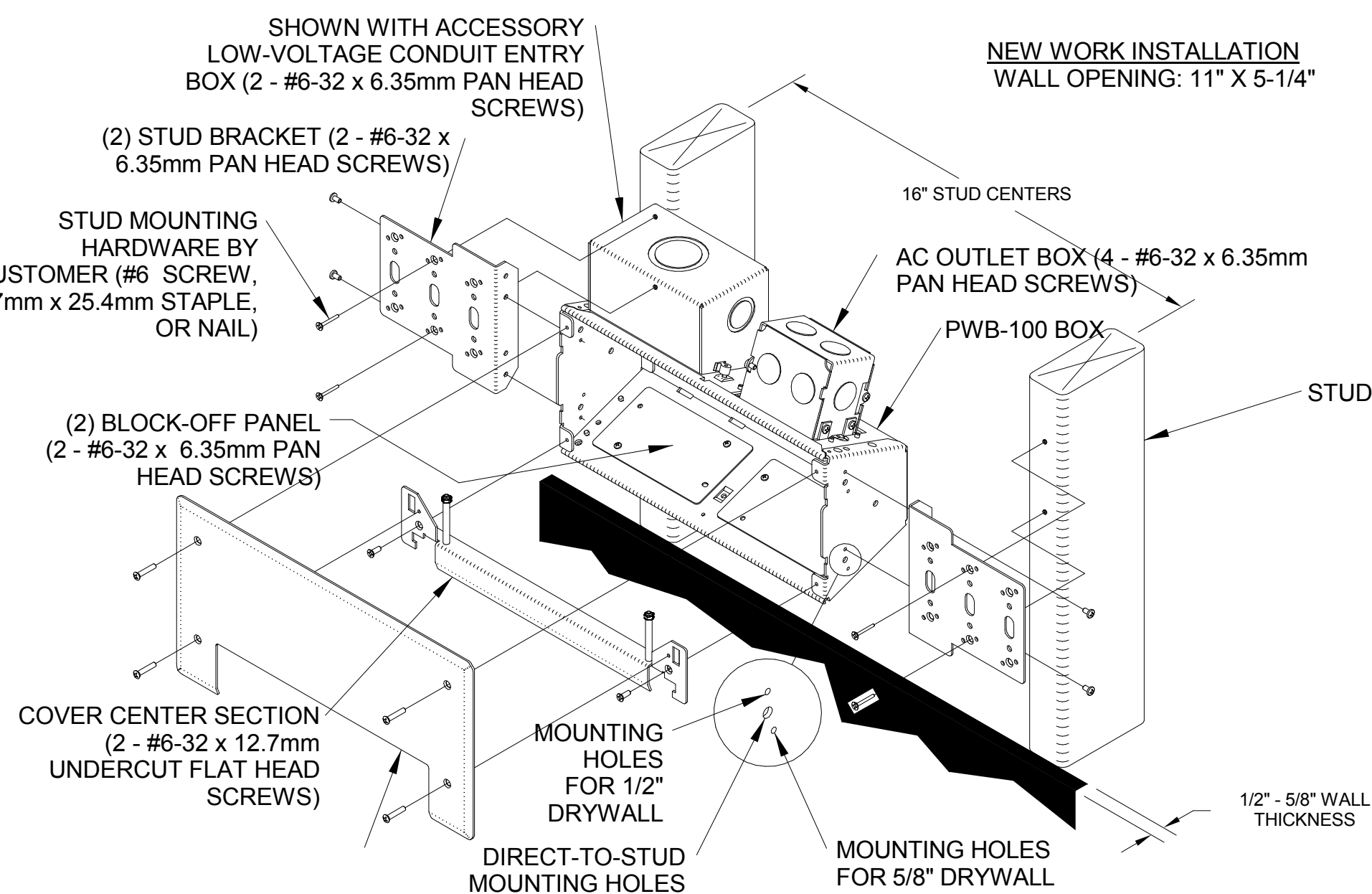


PLAN



ELEVATION

② TV TRUCK PEDESTAL



SHEN MILSOM WILKE

NO.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
1	ISSUE FOR PRICING	04/02/12	BR	JEM	JEM
2	FOR REVIEW	03/07/12	BR	JEM	JEM
3	ISSUE FOR CONSTRUCTION	03/07/11	BR	CC	TL

DRAWN BY	DATE	SEAL
BR	04-02-12	
CHECKED BY	DATE	
JEM	04-02-12	
APPROVED BY	DATE	
JEM	04-02-12	
PROJECT MGR	DATE	
TL	04-02-12	

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE: The Historic Littlefield Building
100 East 6th Street, Suite 200
Austin, Texas 78701
T 512.501.3740
F 512.501.3741

JOB: 446431-13000
CORPORATE LICENSE #

PROJECT TITLE
**WILLIAMSON COUNTY
EMERGENCY SERVICES
OPERATIONS CENTER**
GEORGETOWN, TX

DRAWING TITLE
**TECHNOLOGY AUDIOVISUAL
AUDIOVISUAL DETAILS**

SCALE
DRAWING NO. 446431-TA403
REV 4

1

2

3

4

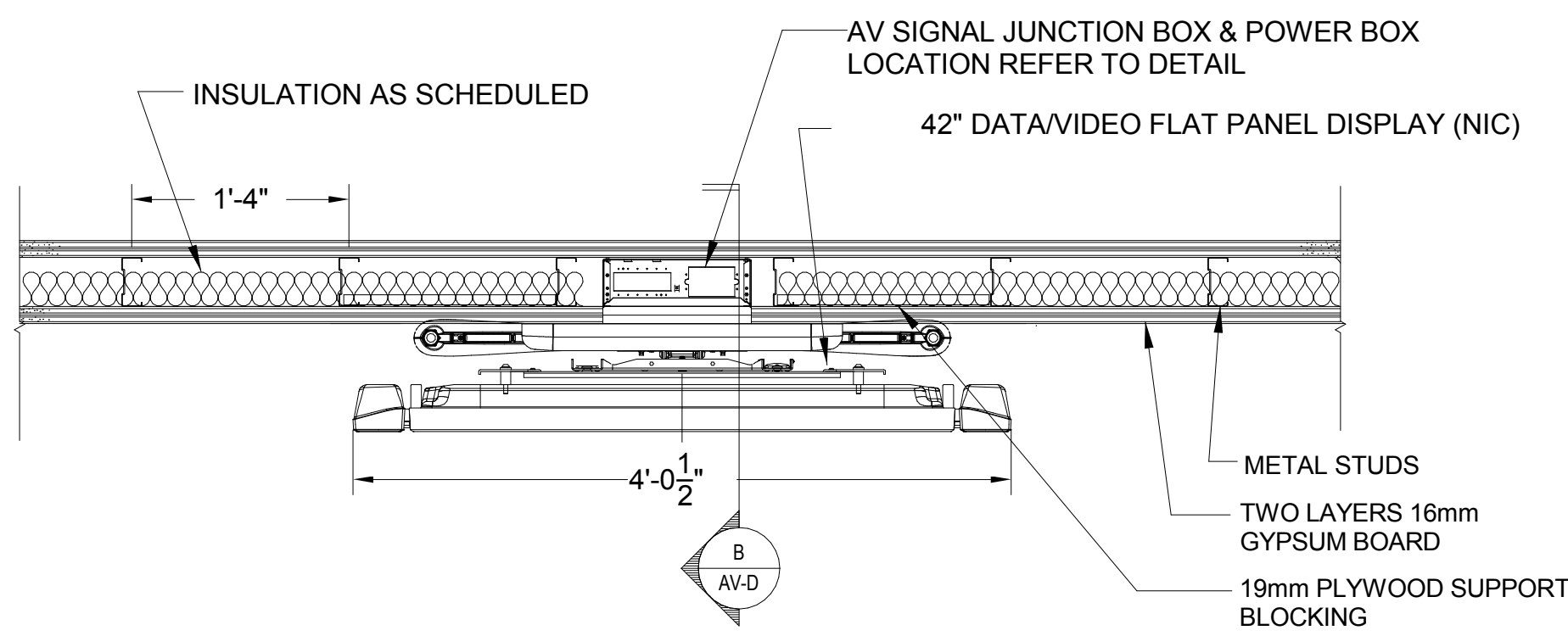
5

6

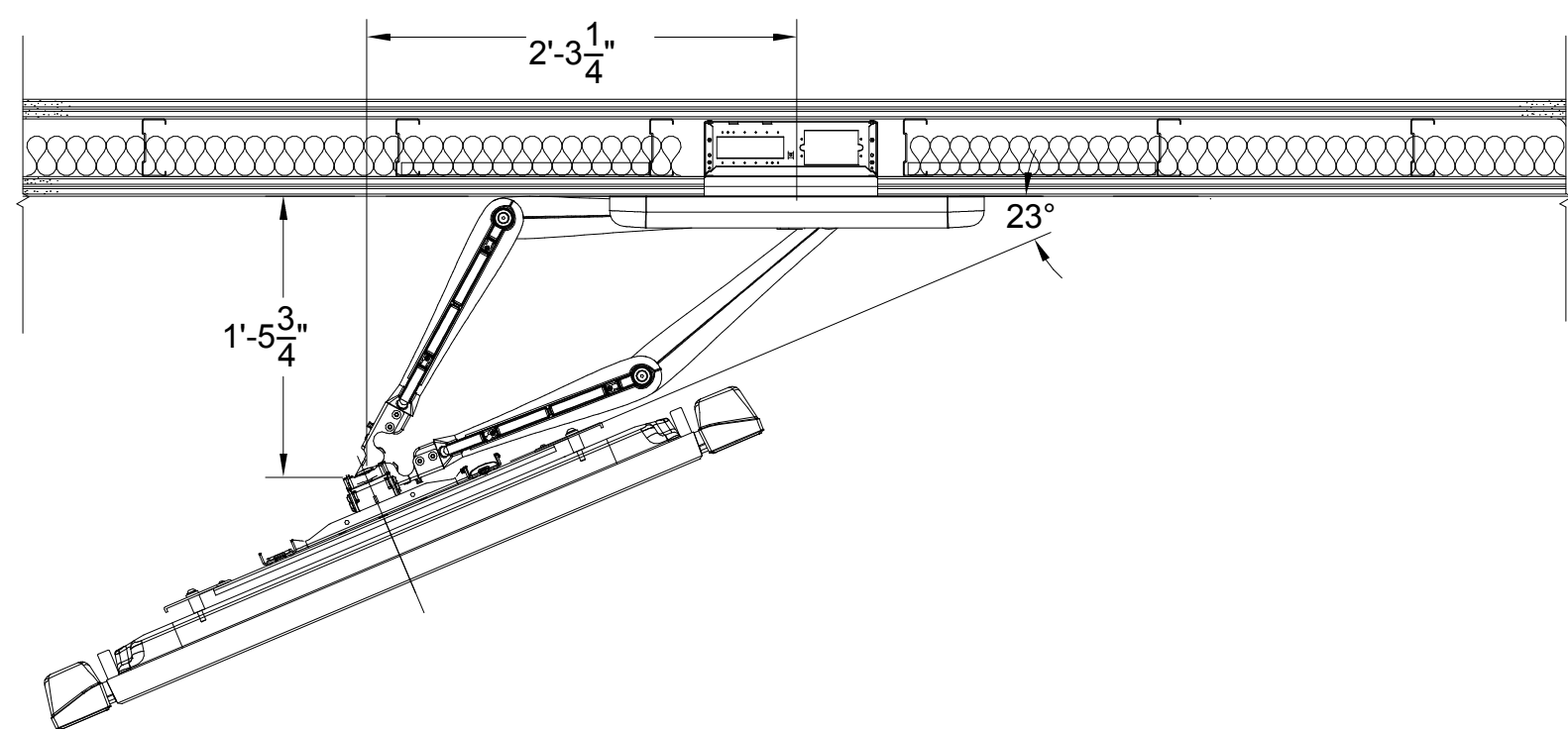
7

8

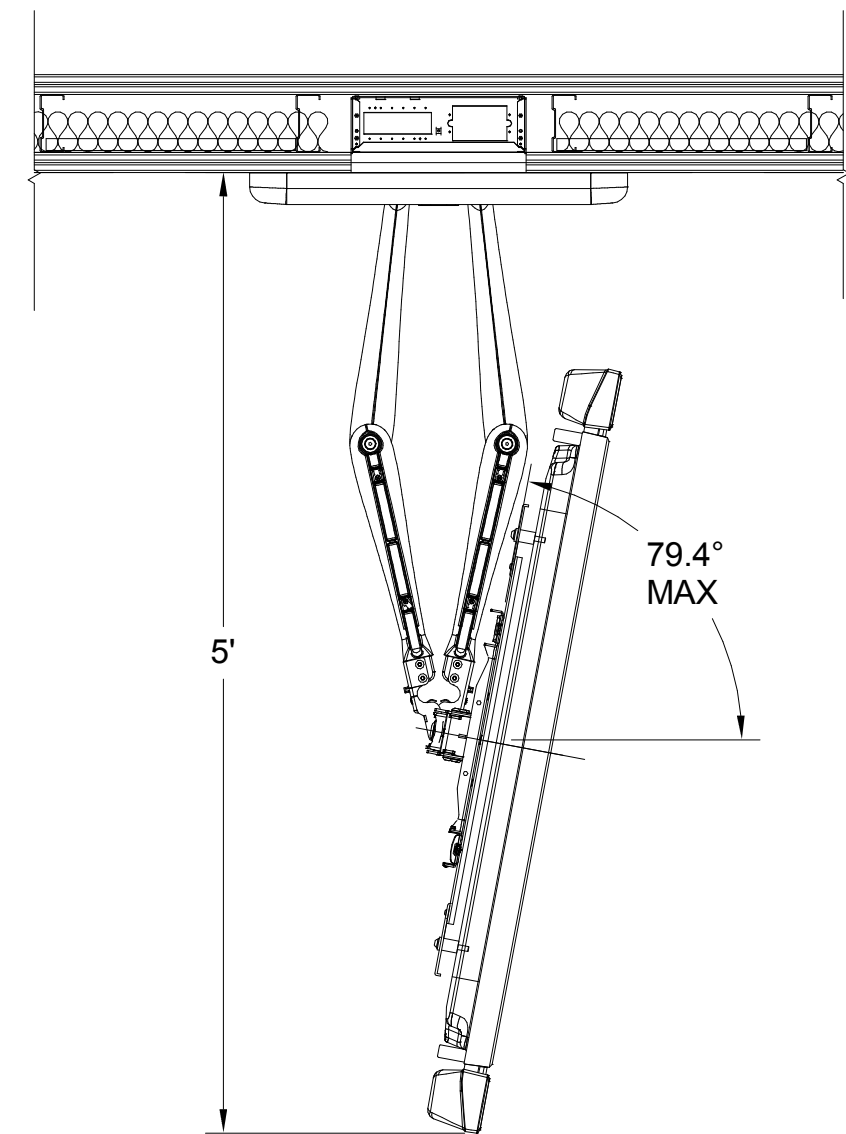
4



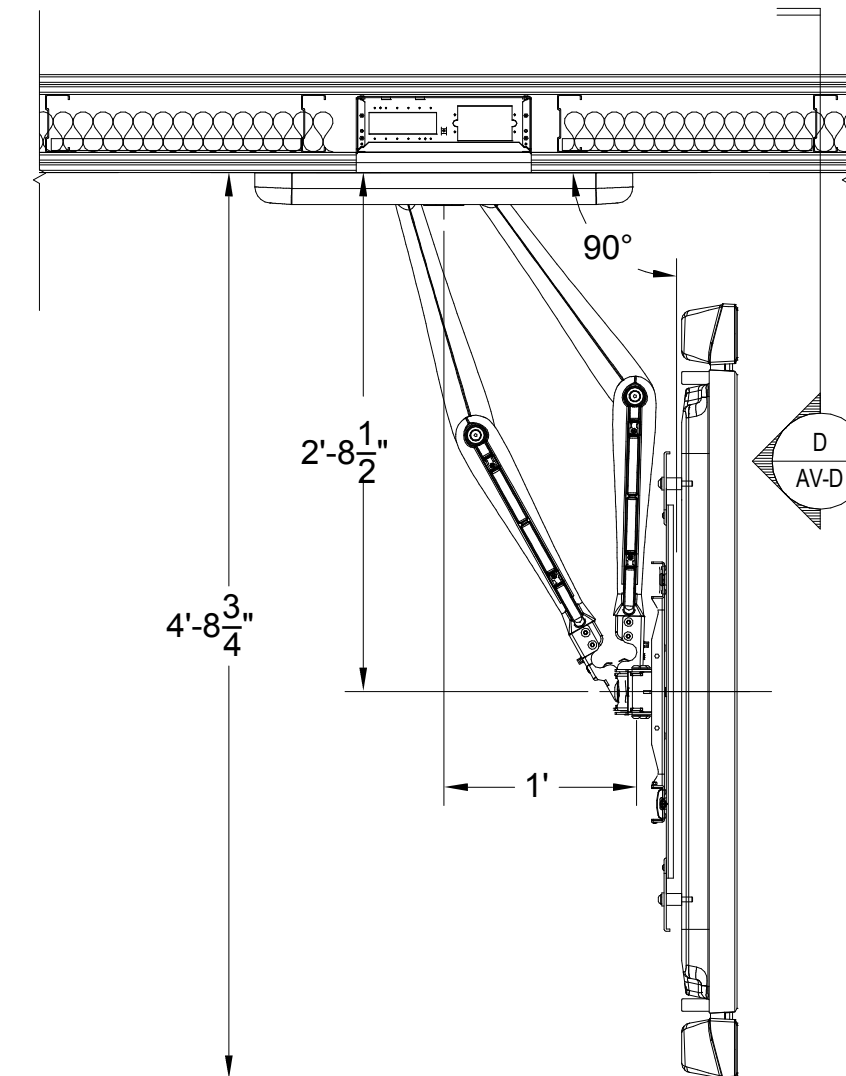
PLAN VIEW (COLLAPSED)



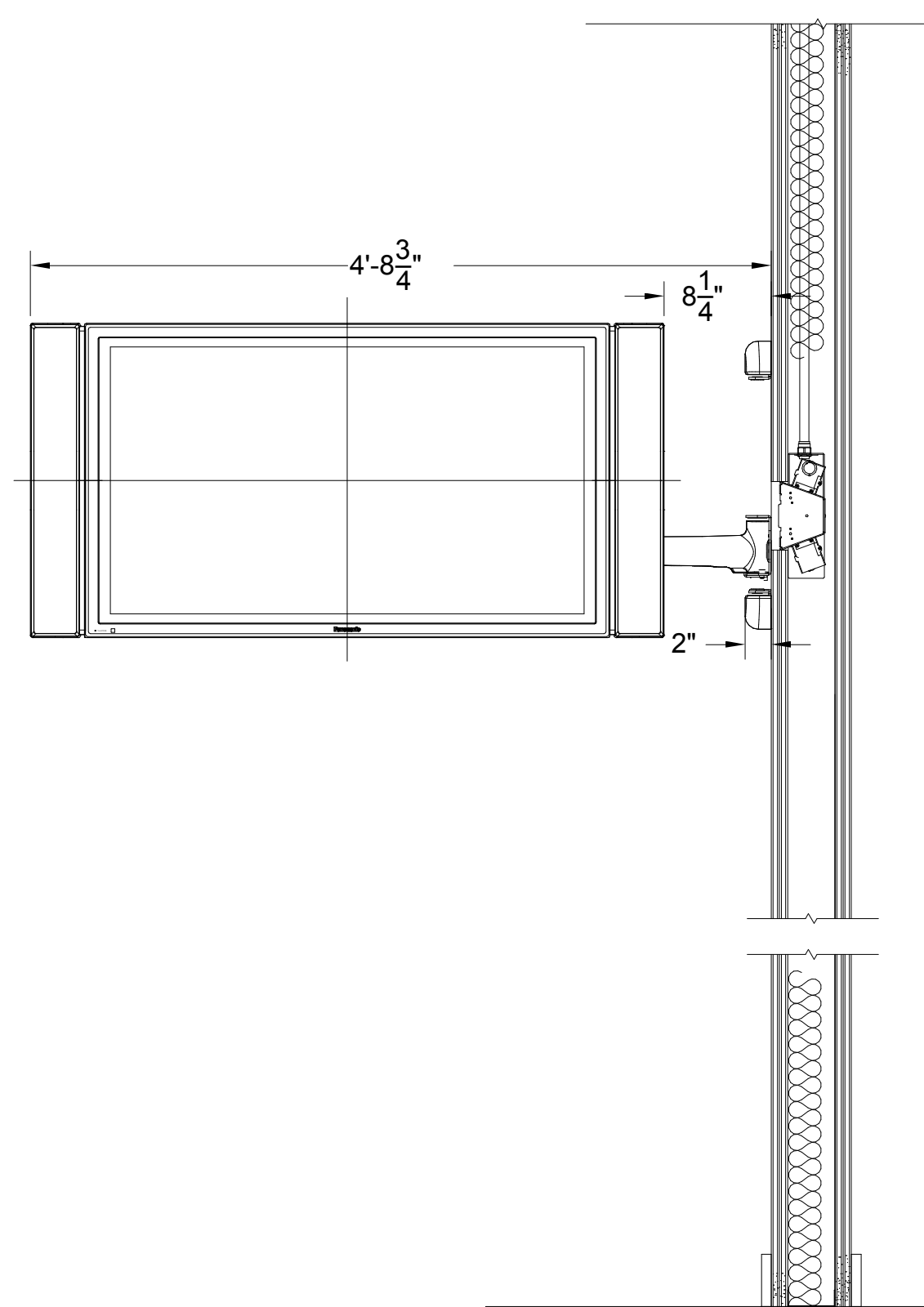
PLAN VIEW (PARTIALLY EXTENDED)



PLAN VIEW (PARTIALLY EXTENDED)



PLAN VIEW (FULLY EXTENDED 90°)



SIDE VIEW

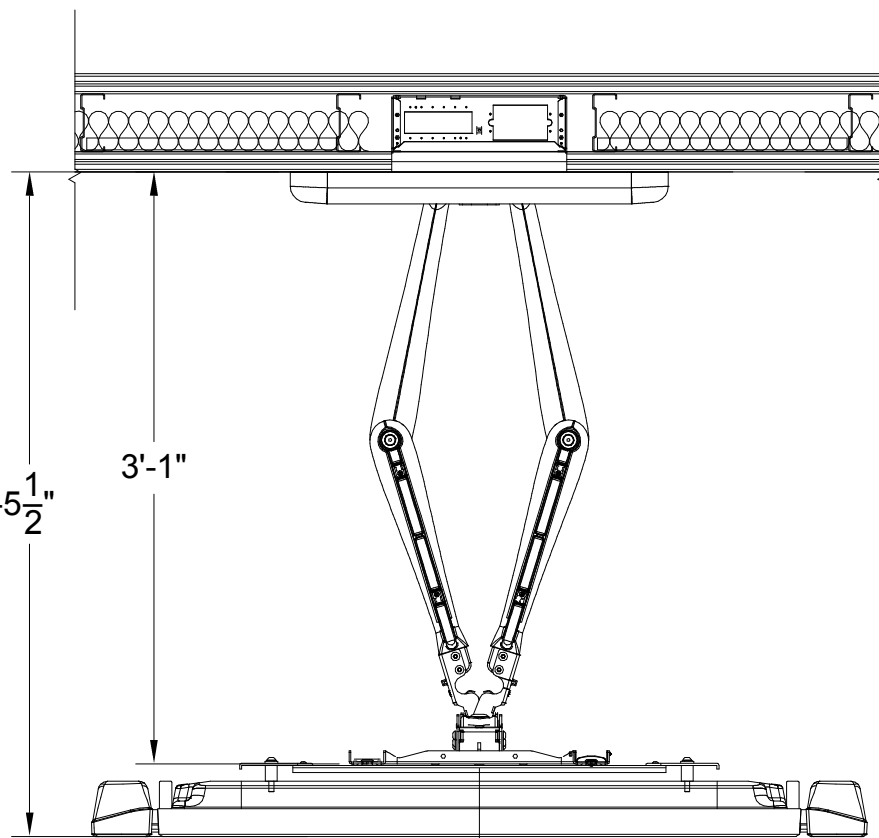
D 42" FLAT PANEL DISPLAY (EXTENDED)

REFER TO ARCH. DRAWING FOR EXACT LOCATIONS AND DETAIL OF FLAT PANEL DISPLAY MONITORS.

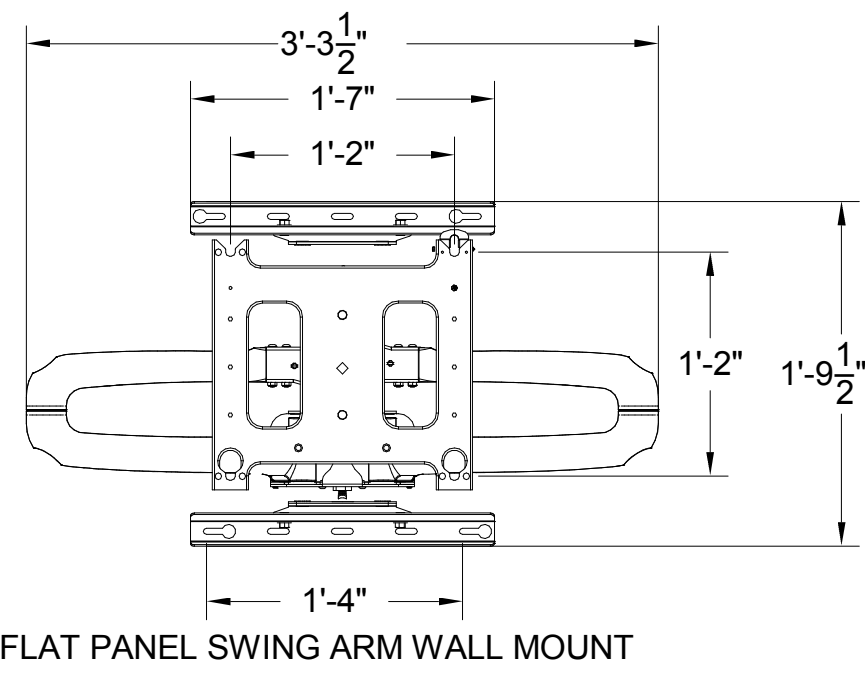
IF SITE CONDITIONS REQUIRE FLAT PANEL TO BE INSTALLED IN NICHE, AV CONTRACTOR IS TO PROVIDE LOCATIONS AND REQUIREMENTS TO ARCHITECT. ARCHITECT WILL PROVIDE NICHE FOR FLAT PANEL MONITOR TO LIMIT PROTRUSION FROM FINISHED WALL TO LESS THAN 4" AT ELEVATIONS LESS THAN 80" A.F.F. IN PUBLIC CIRCULATION SPACE. ARCHITECT TO VERIFY ADA CODE REQUIREMENTS WITH CODE CONSULTANT.

PROVIDE SUPPORT BLOCKING FOR FLAT PANEL DISPLAY MONITOR.

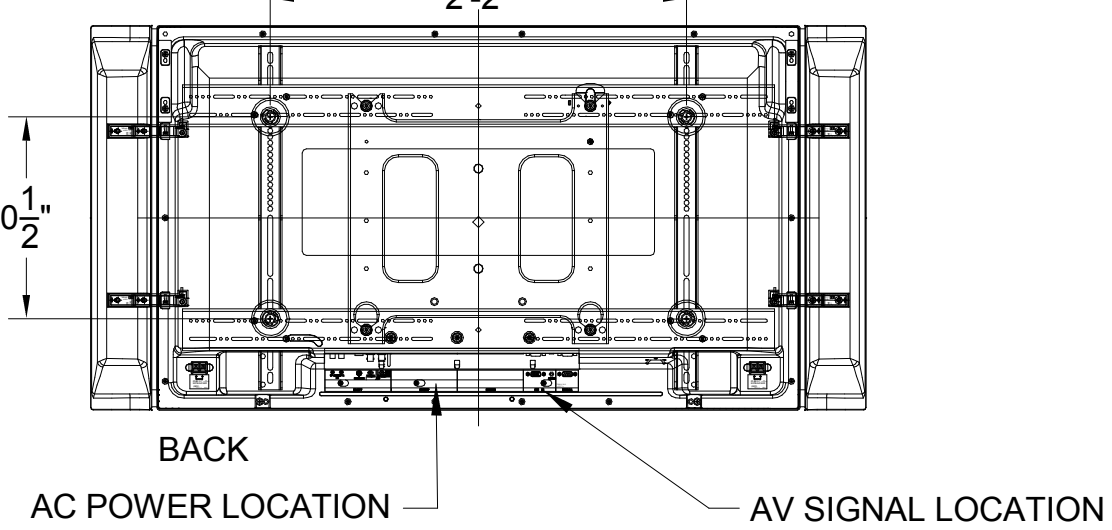
NOTE: ENSURE THAT THE STRUCTURAL MEMBERS CAN SUPPORT A REDUNDANT WEIGHT FACTOR FIVE TIME THE COMBINED TOTAL WEIGHT OF THE AUDIOVISUAL EQUIPMENT AND ALL ASSOCIATED HARDWARE AND COMPONENTS.



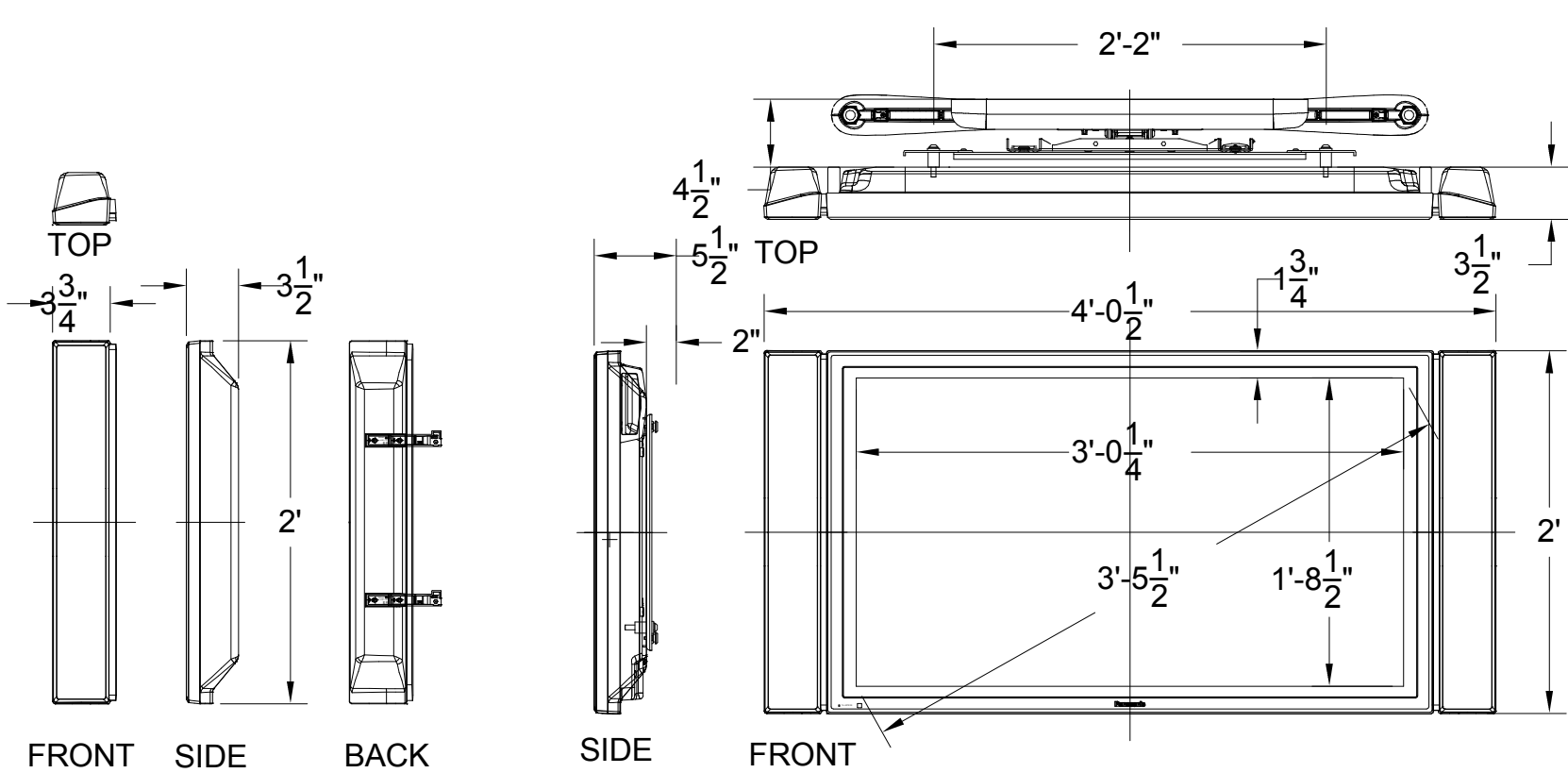
PLAN VIEW (FULLY EXTENDED)



FLAT PANEL SWING ARM WALL MOUNT



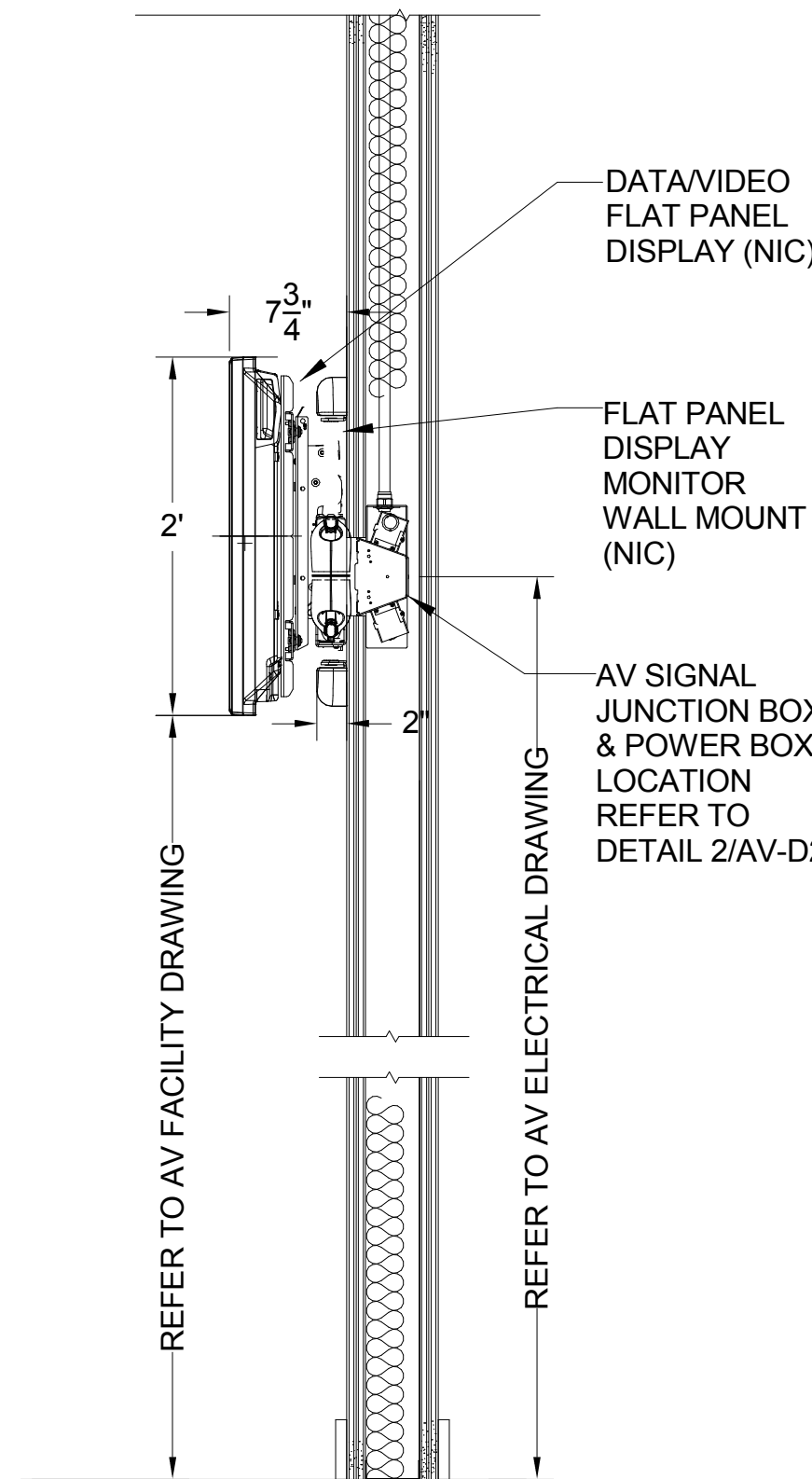
NOTE: FLAT PANEL DISPLAY APPROXIMATE WEIGHT = 66lbs WITHOUT SPEAKER POWER CONSUMPTION = 350 WATT, 5A (MAXIMUM) POWER REQUIREMENT = AC 120V 50/60Hz



ATTACHMENT SPEAKER

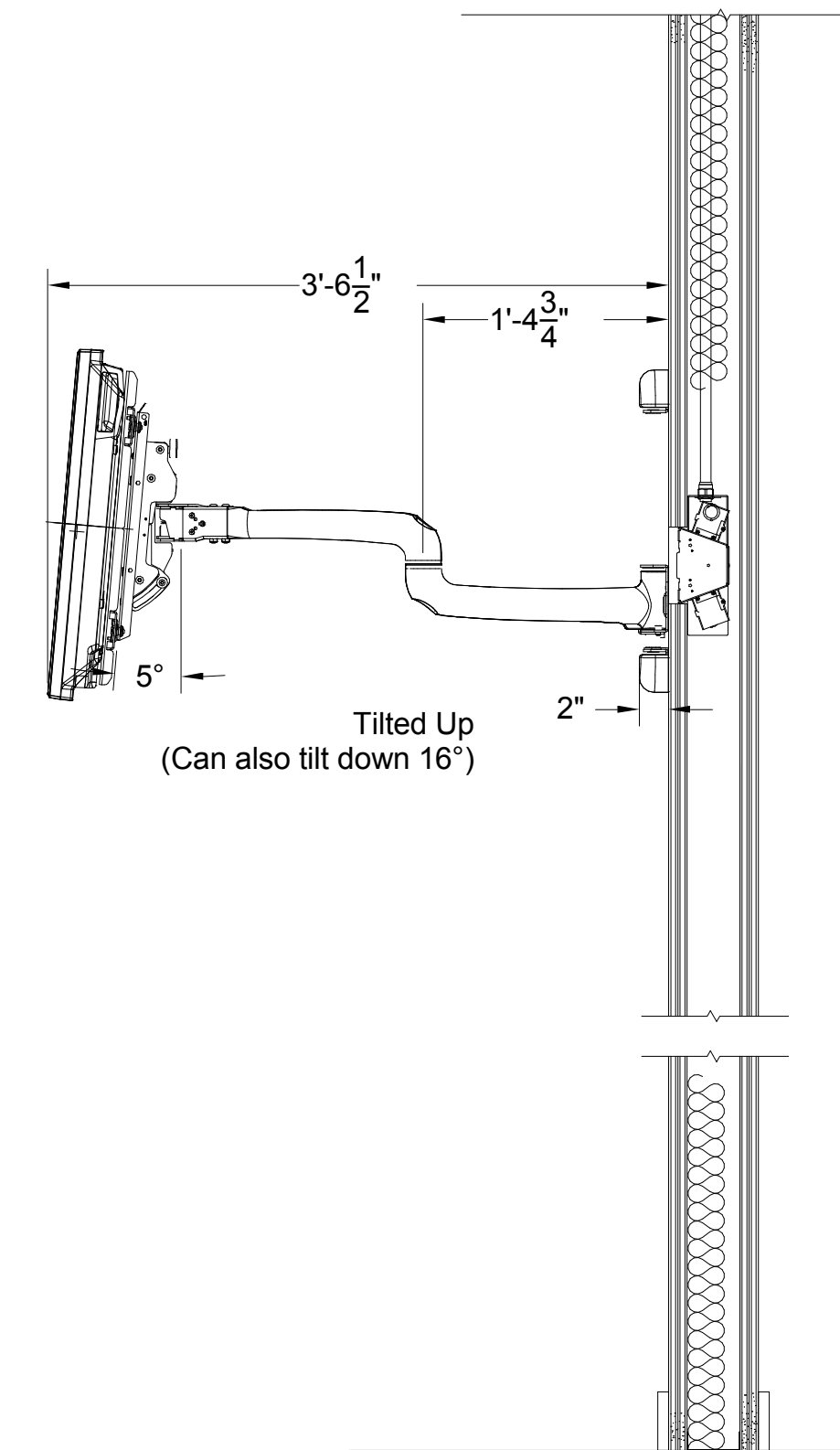
42" FLAT-SCREEN MONITOR

A 42" FLAT PANEL DISPLAY (NIC)



SIDE VIEW

B 42" FLAT PANEL DISPLAY (COLLAPSED)



SIDE VIEW

C 42" FLAT PANEL DISPLAY (EXTENDED)

1 FLAT PANEL DISPLAY - WALL MOUNT



NO.	DESCRIPTION	DATE	DRWN	CHWD	APPRD
1	ISSUE FOR PRICING	04/02/12	BR	JEM	JEM
2	FOR REVIEW	03/07/12	BR	JEM	JEM
3	ISSUE FOR CONSTRUCTION	03/07/12	BR	CC	TL



OFFICE: The Historic Littlefield Building
100 East 6th Street, Suite 200
Austin, Texas 78701
T 512.501.3740
F 512.501.3741

JOB: 446431-13000
CORPORATE LICENSE #

PROJECT TITLE: **WILLIAMSON COUNTY
EMERGENCY SERVICES
OPERATIONS CENTER**

GEORGETOWN, TX

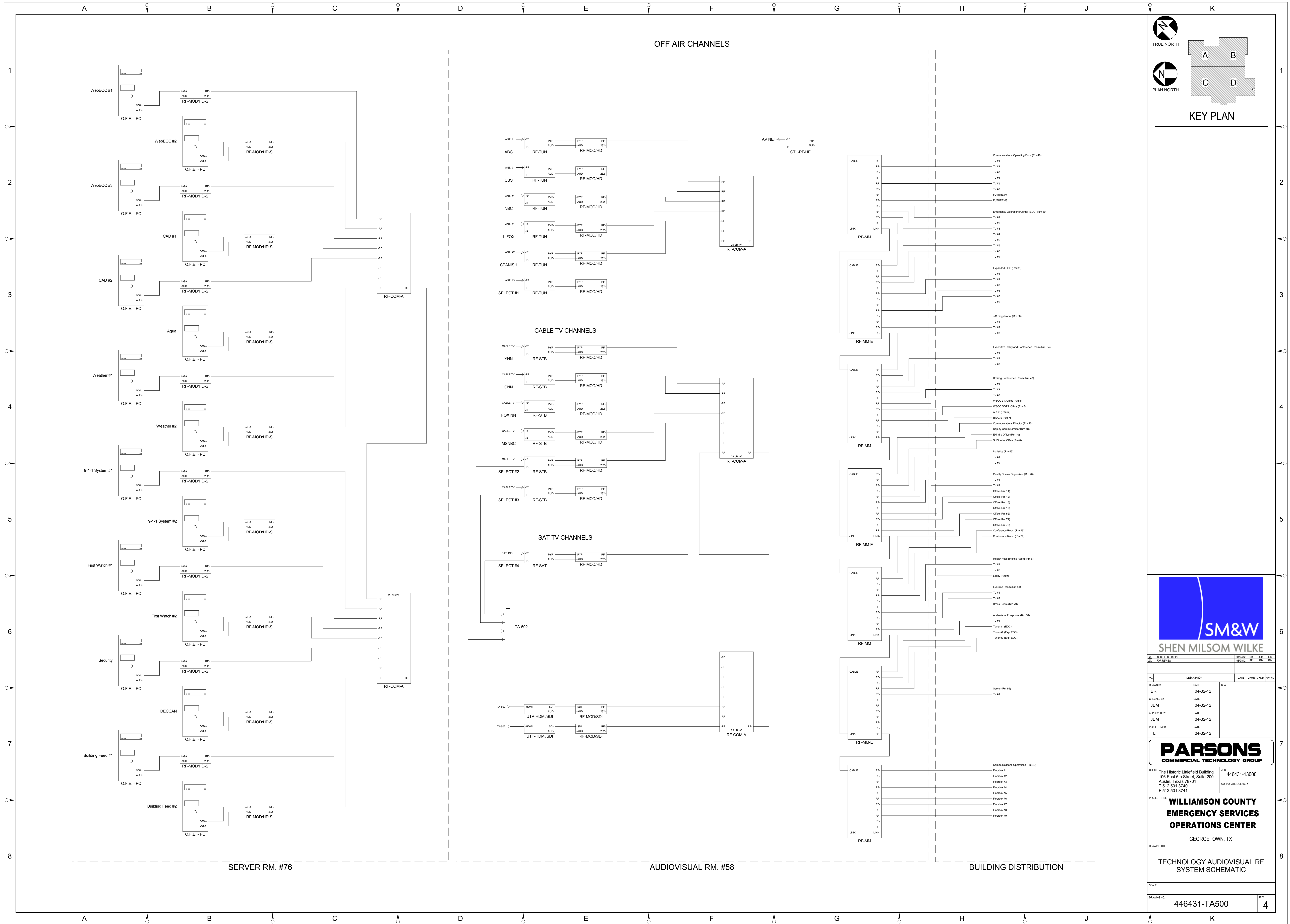
DRAWING TITLE: **TECHNOLOGY AUDIOVISUAL
AUDIOVISUAL DETAILS**

SCALE:

DRAWING NO: 446431-TA404

REV: 4

4/2/2012 4:55:02 PM



NO.		DESCRIPTION	DATE	DRWN	CHKD	APPRD
DRAWN BY		DATE	SEAL			
BR		04-02-12				
CHECKED BY		DATE				
JEM		04-02-12				
APPROVED BY		DATE				
JEM		04-02-12				
PROJECT MGR		DATE				
TL		04-02-12				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE: The Historic Littlefield Building
100 East 6th Street, Suite 200
Austin, Texas 78701
T 512.501.3740
F 512.501.3741

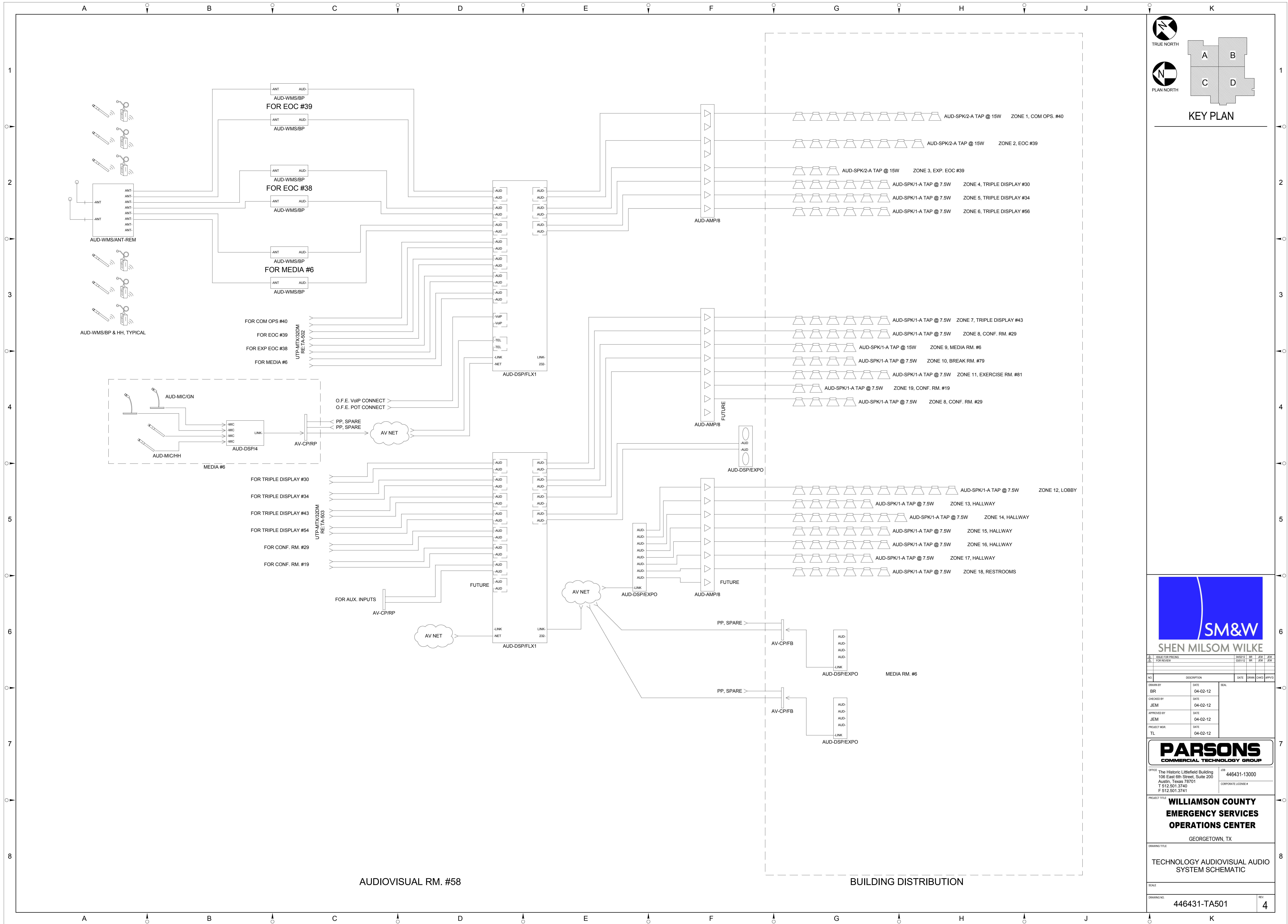
JOB: 446431-13000
CORPORATE LICENSE #

PROJECT TITLE: **WILLIAMSON COUNTY
EMERGENCY SERVICES
OPERATIONS CENTER**
GEORGETOWN, TX

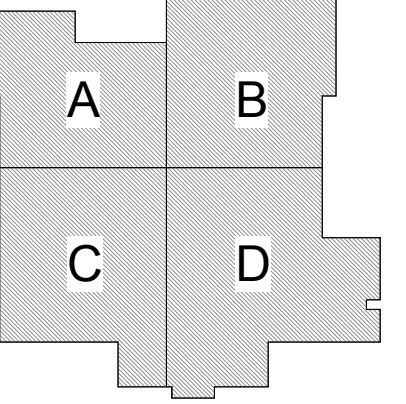
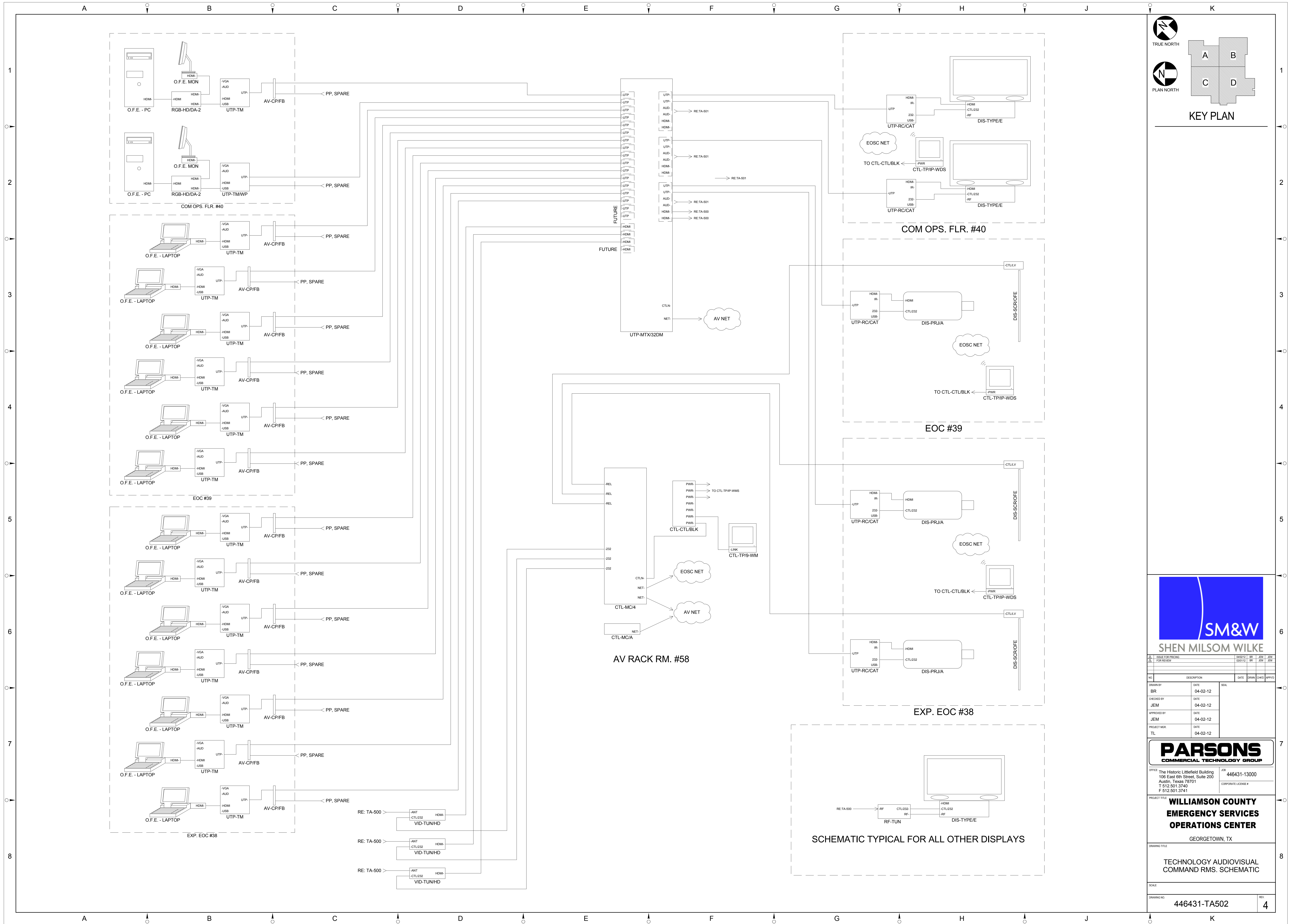
DRAWING TITLE: **TECHNOLOGY AUDIOVISUAL RF
SYSTEM SCHEMATIC**

SCALE:
DRAWING NO: 446431-TA500
REV: 4

4/2/2012 4:55:02 PM



4/2/2012 4:55:02 PM



KEY PLAN



NO.	DESCRIPTION	DATE	DRWN	CHKD	APPRD
BR	04-02-12				
JEM	04-02-12				
JEM	04-02-12				
TL	04-02-12				



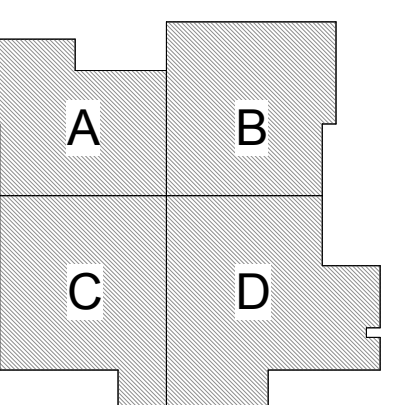
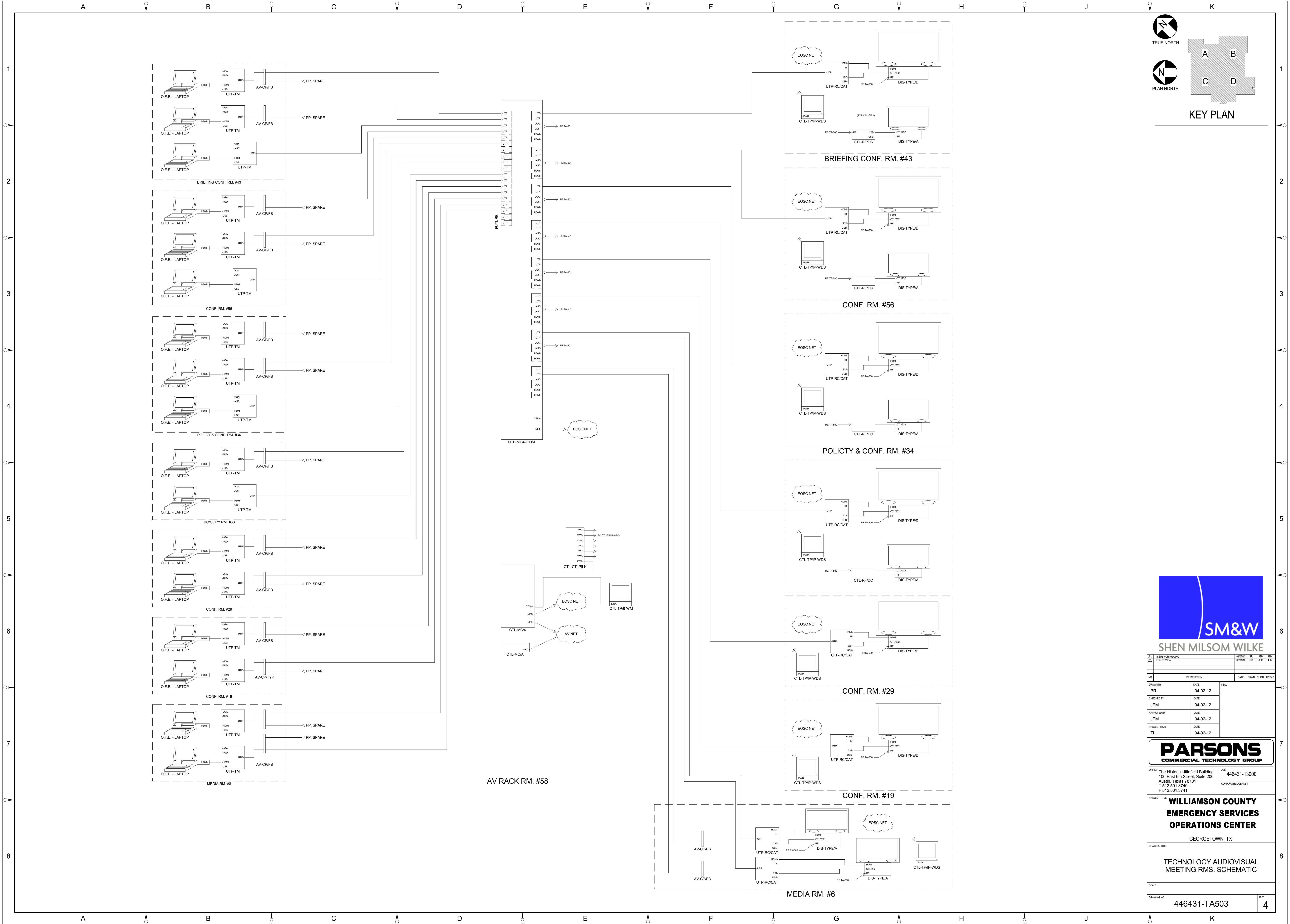
OFFICE: The Historic Littlefield Building
100 East 6th Street, Suite 200
Austin, Texas 78701
T 512.501.3740
F 512.501.3741

PROJECT TITLE: **WILLIAMSON COUNTY
EMERGENCY SERVICES
OPERATIONS CENTER**
GEORGETOWN, TX

DRAWING TITLE: **TECHNOLOGY AUDIOVISUAL
COMMAND RMS. SCHEMATIC**

SCALE	REV
DRAWING NO. 446431-TA502	4

4/2/2012 4:55:02 PM



KEY PLAN



NO.	DESCRIPTION	DATE	DRWN	CHKD	APPRD
1	ISSUE FOR PRICING	04/02/12	BR	JEM	JEM
2	FOR REVIEW	03/01/12	BR	JEM	JEM

NO.	DESCRIPTION	DATE	DRWN	CHKD	APPRD
1	ISSUE FOR PRICING	04/02/12	BR	JEM	JEM
2	FOR REVIEW	03/01/12	BR	JEM	JEM



OFFICE: The Historic Littlefield Building
100 East 6th Street, Suite 200
Austin, Texas 78701
T 512.501.3740
F 512.501.3741

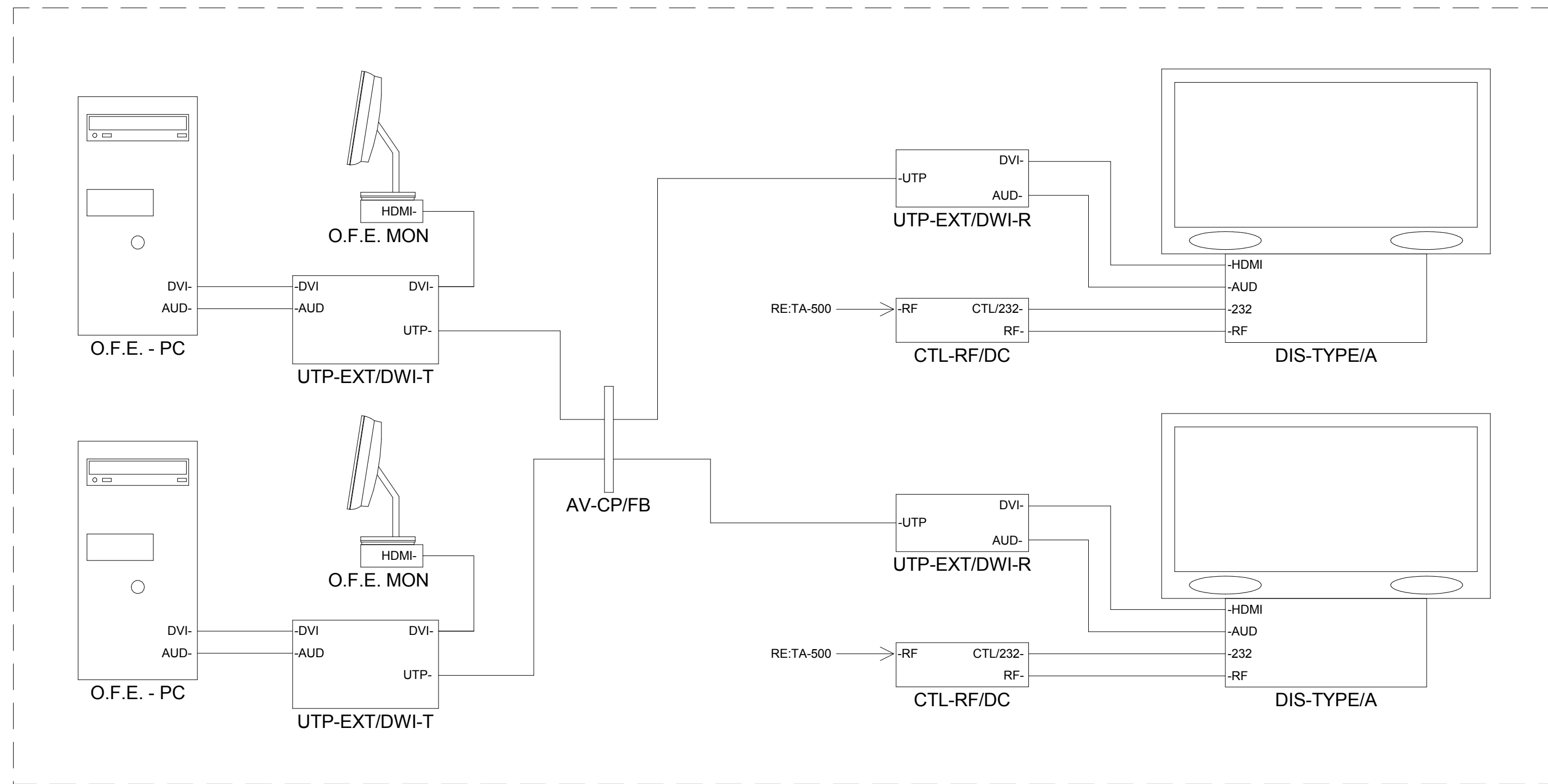
JOB: 446431-13000
CORPORATE LICENSE #

PROJECT TITLE: **WILLIAMSON COUNTY
EMERGENCY SERVICES
OPERATIONS CENTER**
GEORGETOWN, TX

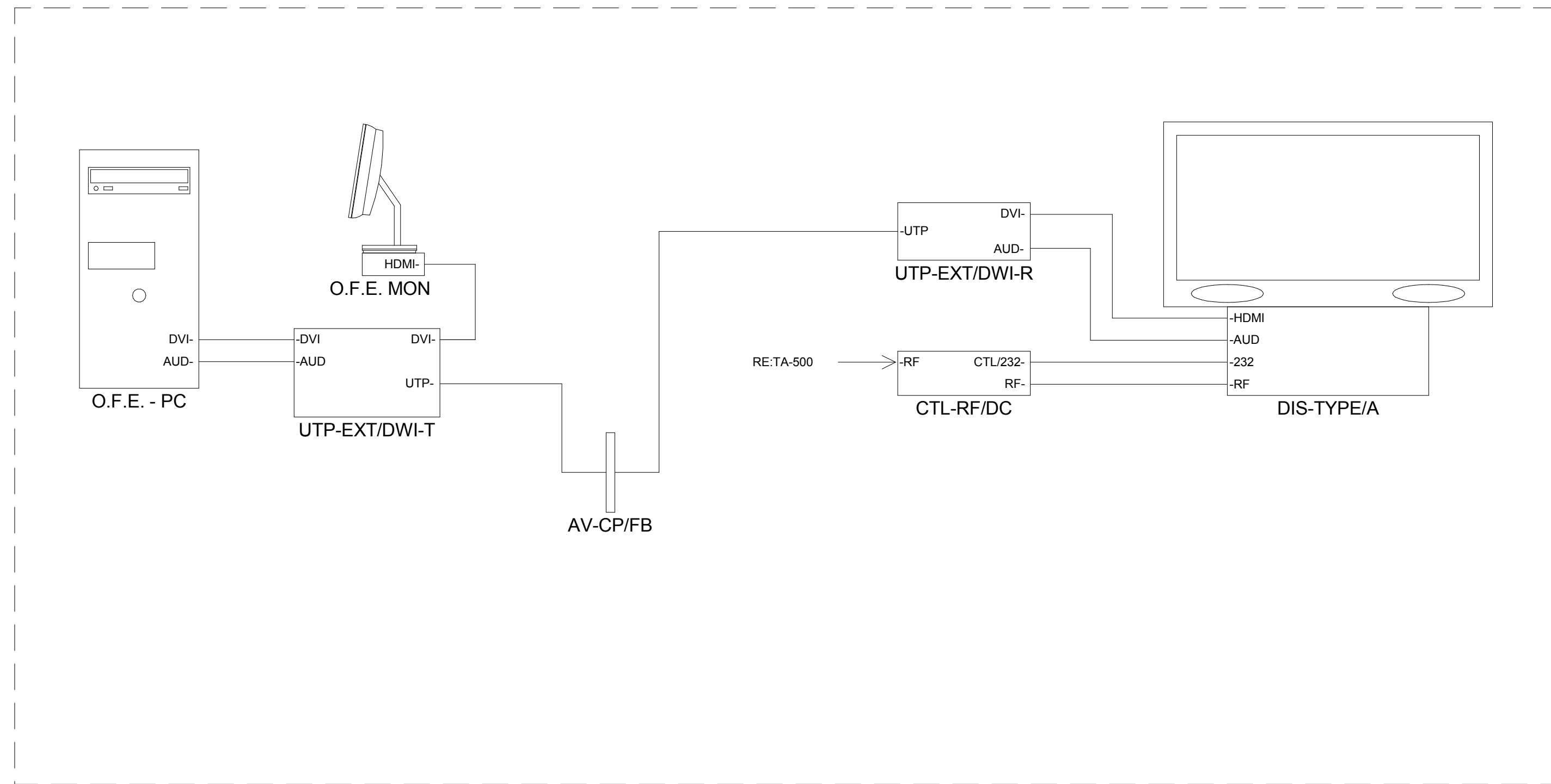
DRAWING TITLE: **TECHNOLOGY AUDIOVISUAL
MEETING RMS. SCHEMATIC**

SCALE:	REV
DRAWING NO: 446431-TA503	4

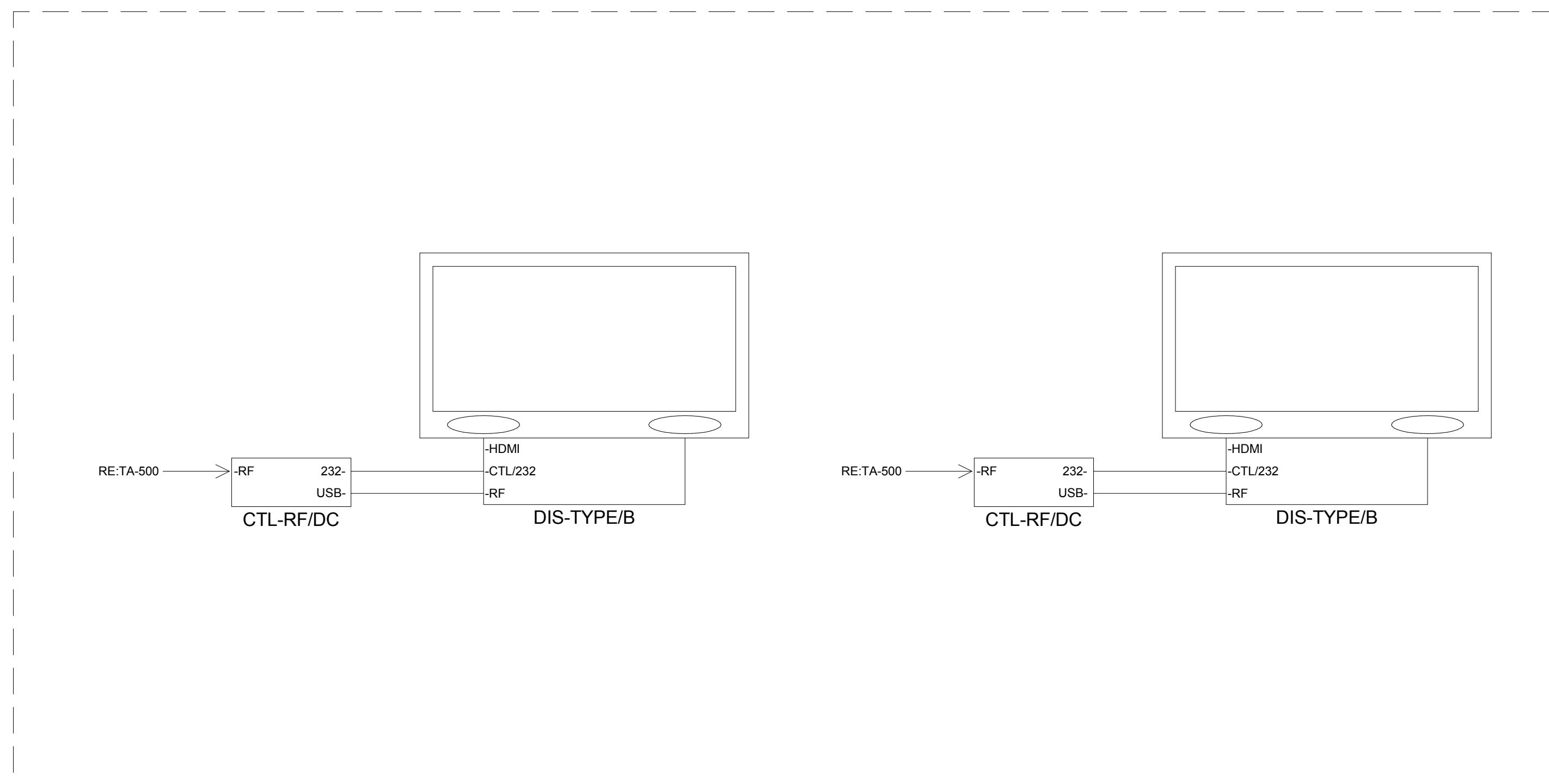
4/2/2012 4:55:02 PM



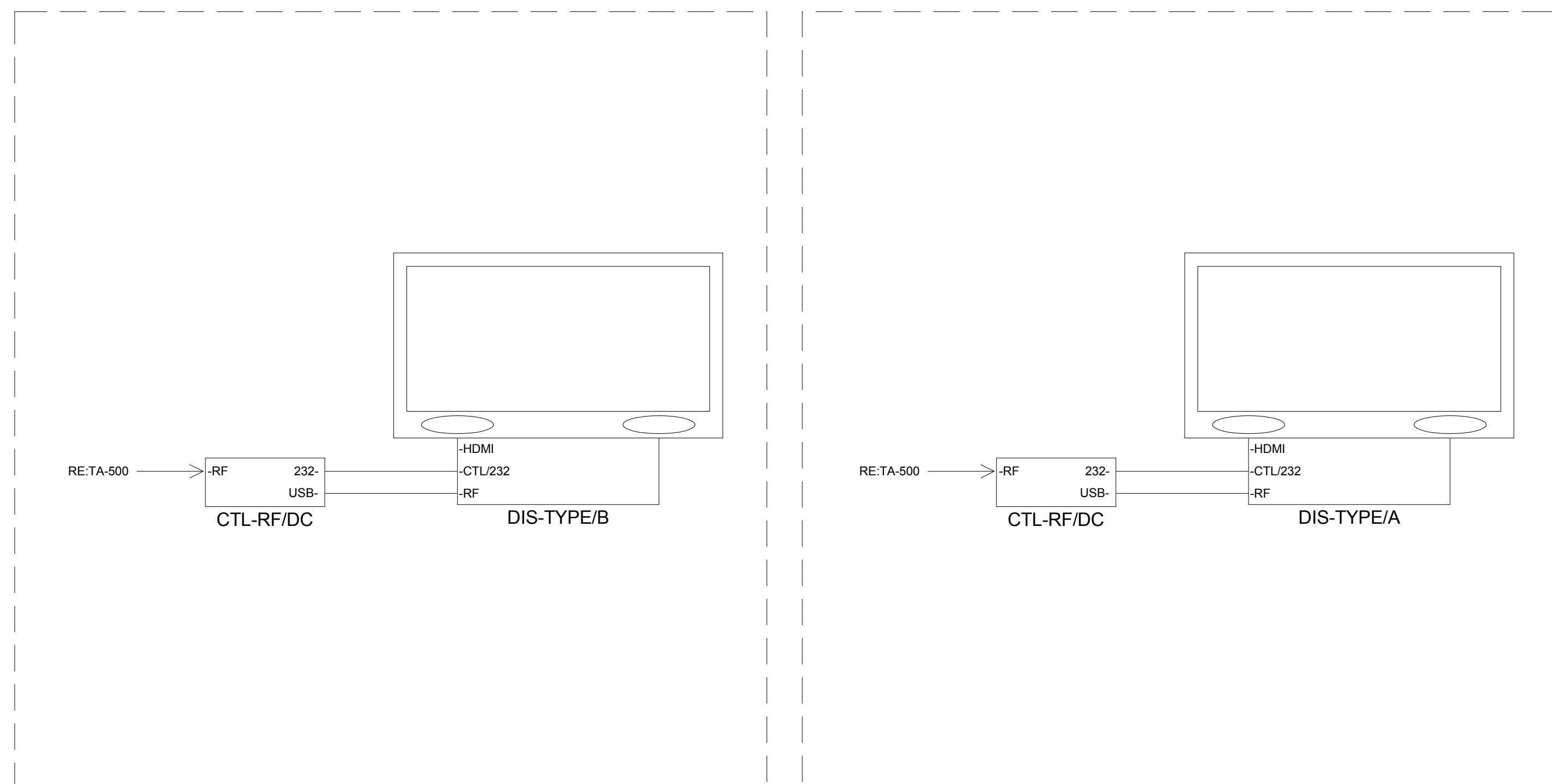
DUAL DISPLAY ROOM, SCHEMATIC - TYPICAL OF 8



SINGLE DISPLAY ROOM, SCHEMATIC - TYPICAL OF 9

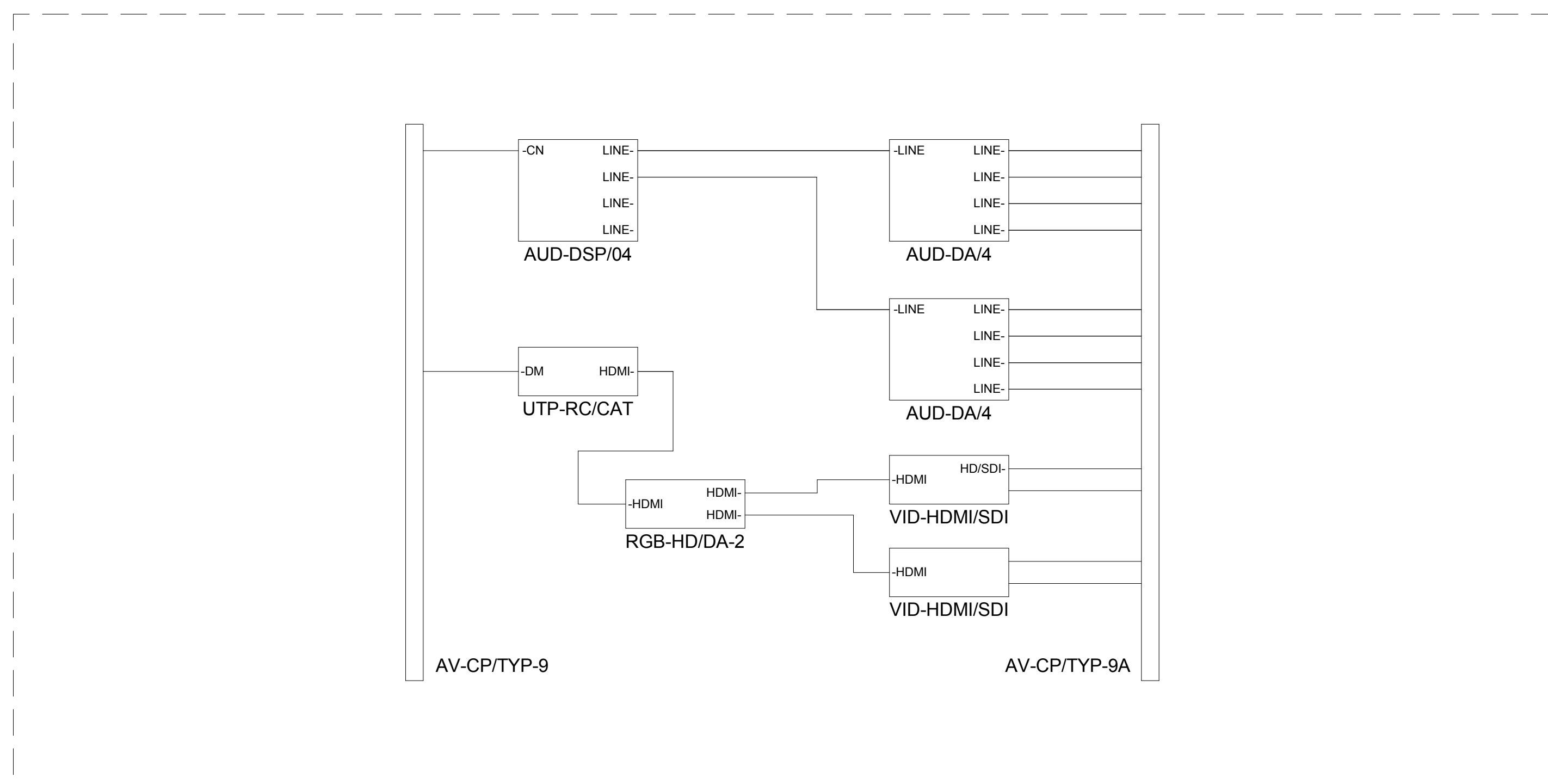


EXERCISE RM. #81

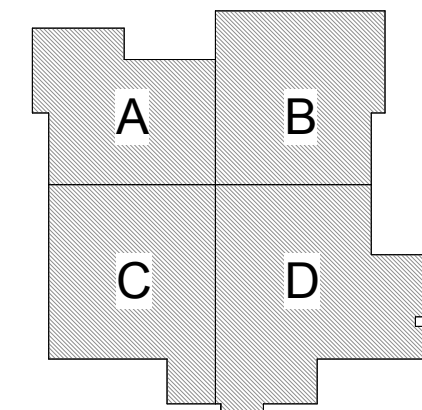
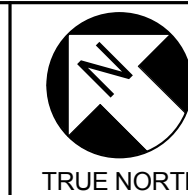


BREAK RM. #81

LOBBY #5 - AV RM. #58, SERVER RM. #76



CUSTOM PRESS BOX



KEY PLAN



NO.	DESCRIPTION	DATE	DRWN	CHKD	APPRD
BR	04-02-12				
JEM	04-02-12				
JEM	04-02-12				
TL	04-02-12				



OFFICE	The Historic Littlefield Building 100 East 6th Street, Suite 200 Austin, Texas 78701 T 512.501.3740 F 512.501.3741	JOB	446431-13000
CORPORATE LICENSE #			

PROJECT TITLE	WILLIAMSON COUNTY EMERGENCY SERVICES OPERATIONS CENTER
GEORGETOWN, TX	

DRAWING TITLE	TECHNOLOGY AUDIOVISUAL MISC. RMS. SCHEMATIC
---------------	--

SCALE	
DRAWING NO.	446431-TA504
REV	4

