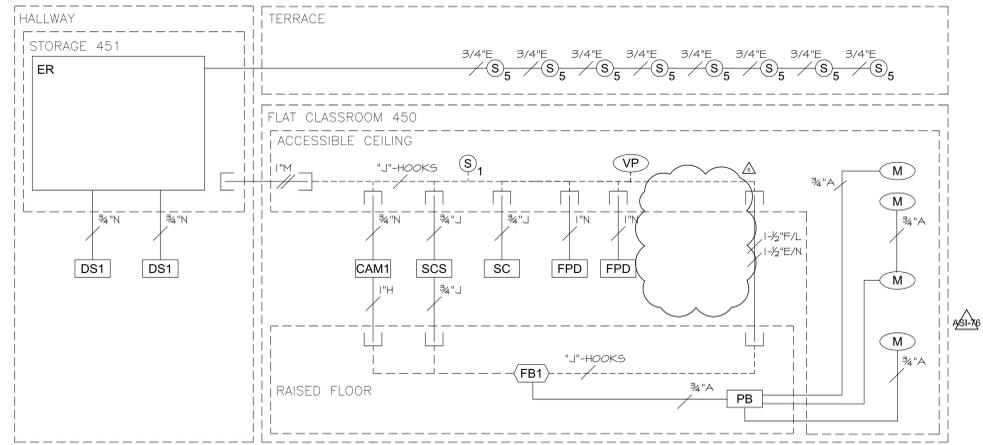


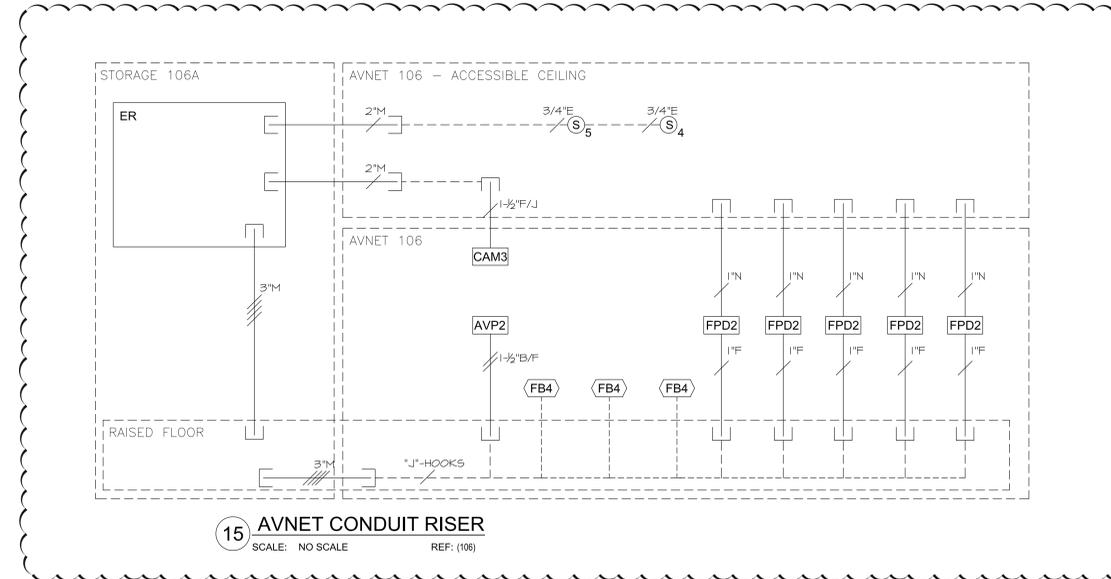
**14 CONDUIT DETAIL - DUAL PROJECTION SCREENS**

SCALE: NO SCALE REF: REF



**13 FLAT CLASS LAB 450 CONDUIT RISER**

SCALE: NO SCALE REF: (450)



**15 AVNET CONDUIT RISER**

SCALE: NO SCALE REF: (106)

**KEYNOTES**

1. FREE-RUN LOW VOLTAGE CABLE
2. METAL CLAD ELECTRICAL WIRING
3. BACK BOX SEPTUM



**ASU New Business School Facility**  
 Arizona State University  
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 Tempe, AZ 85287

*Client:* Arizona Board of Regents  
 for and on behalf of  
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 P.O. Box 875512  
 Tempe, AZ 85287-5512

*Architect:*  
 Kohn Pedersen Fox Associates PC  
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*Lighting:*  
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**Certification**

No.	Date	Description
1	08/23/12	MOCK-UP REVISIONS
2	01/21/13	ISSUED FOR BID
3	01/23/13	UTILITY COORDINATION ASI-87
4	02/26/13	ASI-108
5	02/27/13	BID ADDENDUM

WIRE TYPE SCHEDULE		
SYMBOL EXAMPLE:  TO EQUIPMENT RACK		
TWO 1" CONDUITS WITH MICROPHONE LEVEL, ONE CONDUIT WITH PRODUCTION COMMUNICATION LEVEL AND ONE 2" CONDUIT WITH VIDEO LEVEL.		
SLASH MARKS INDICATE QUANTITY OF CONDUIT; QUANTITY OF WIRES IS NOT SHOWN.		
A	MIC, 2 CONDUCTOR SHIELDED	H CAMERA
B	LINE, 2 CONDUCTOR SHIELDED	J CONTROL, DC
C	PRODUCTION COMMUNICATIONS	K CONTROL, DIGITAL
D	SPEAKER, LOW Z, PAIR #10 THHN	L OPTICAL FIBER
E	SPEAKER 70V, PAIR #14 THHN	M CABLE CHASE
F	VIDEO CO-AX	N DATA, NETWORK
G	RF CO-AX	O DC POWER

**WIRE TYPE SCHEDULE**

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B	LINE, 2 CONDUCTOR SHIELDED	J	CONTROL, DC
C	PRODUCTION COMMUNICATIONS	K	CONTROL, DIGITAL
D	SPEAKER, LOW Z, PAIR #10 THHN	L	OPTICAL FIBER
E	SPEAKER 70V, PAIR #14 THHN	M	CABLE CHASE
F	VIDEO CO-AX	N	DATA, NETWORK
G	RF CO-AX	O	DC POWER

NOTES:  
 1. ALL UNLABELED CONDUIT IS 3/4"  
 2. SEE SPECIFICATIONS FOR CABLE REQUIREMENTS.

**AV CONDUIT SPACING REQUIREMENTS**

EMI SOURCE	MINIMUM SEPERATION FROM AUDIOVISUAL SIGNAL CONDUIT	
	EMI SOURCE IN FERROUS METAL CONDUIT	EMI SOURCE EXPOSED, IN CABLE TRAY OR NON-FERROUS METAL CONDUIT
TV, SECURITY, LIFE SAFETY CIRCUITS, AND OTHER BUILDING CONTROL NETWORKS	6 INCHES	12 INCHES
SINGLE-PHASE POWER CIRCUITS	18 INCHES	36 INCHES
THREE-PHASE POWER CIRCUITS	36 INCHES	72 INCHES
FLUORESCENT & DIMMED LIGHTING CIRCUITS	36 INCHES	
COLD-CATHODE, MERCURY VAPOR, HID, HALOGEN, ETC. LIGHTING	48 INCHES	
TRANSFORMERS & MOTORS	60 INCHES	

**Revisions**

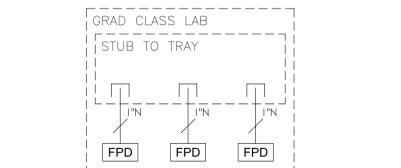
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**Project Status**

Issue Date:	10/31/11
Scale:	As indicated
Project No.	1279.013.00
Drawn By:	LRM

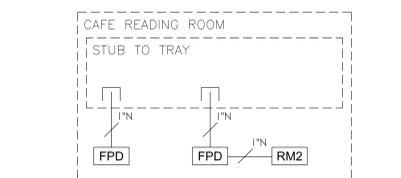
**AV CONDUIT RISER**

**AV-011**



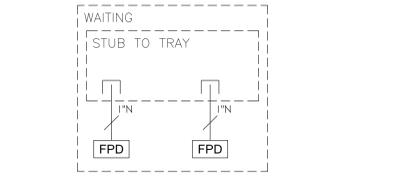
**12 GRAD CLASS LAB CONDUIT RISER**

SCALE: 12 REF: (250)



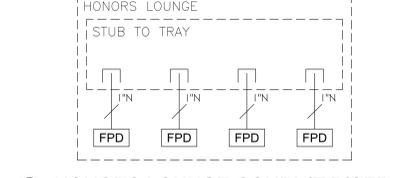
**11 CAFE READING ROOM CONDUIT RISER**

SCALE: NO SCALE REF: (241, 341, 441)



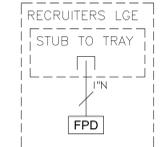
**10 WAITING CONDUIT RISER**

SCALE: NO SCALE REF: (302,1)



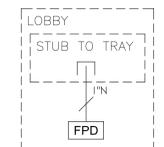
**9 HONORS LOUNGE CONDUIT RISER**

SCALE: NO SCALE REF: (102)



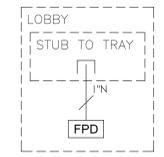
**8 RECRUITERS LOUNGE CONDUIT RISER**

SCALE: NO SCALE REF: (3020)



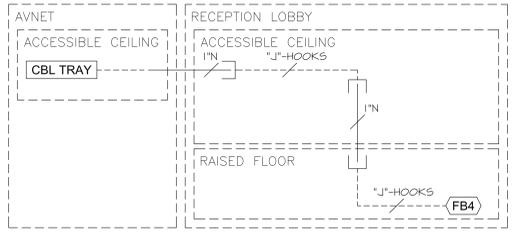
**7 LOBBY CONDUIT RISER**

SCALE: NO SCALE REF: (232,1)



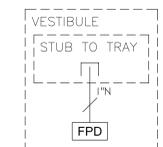
**6 RECEPTION CONDUIT RISER**

SCALE: NO SCALE REF: (400L2)



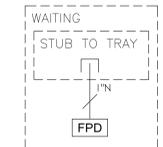
**5 RECEPTION LOBBY 132L1 CONDUIT RISER**

SCALE: NO SCALE REF: 132L1



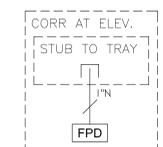
**4 VESTIBULE CONDUIT RISER**

SCALE: NO SCALE REF: (450,1)



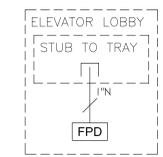
**3 WAITING CONDUIT RISER**

SCALE: NO SCALE REF: (350)



**2 CORRIDOR CONDUIT RISER**

SCALE: NO SCALE REF: (200L1, 300C1, 400L1)

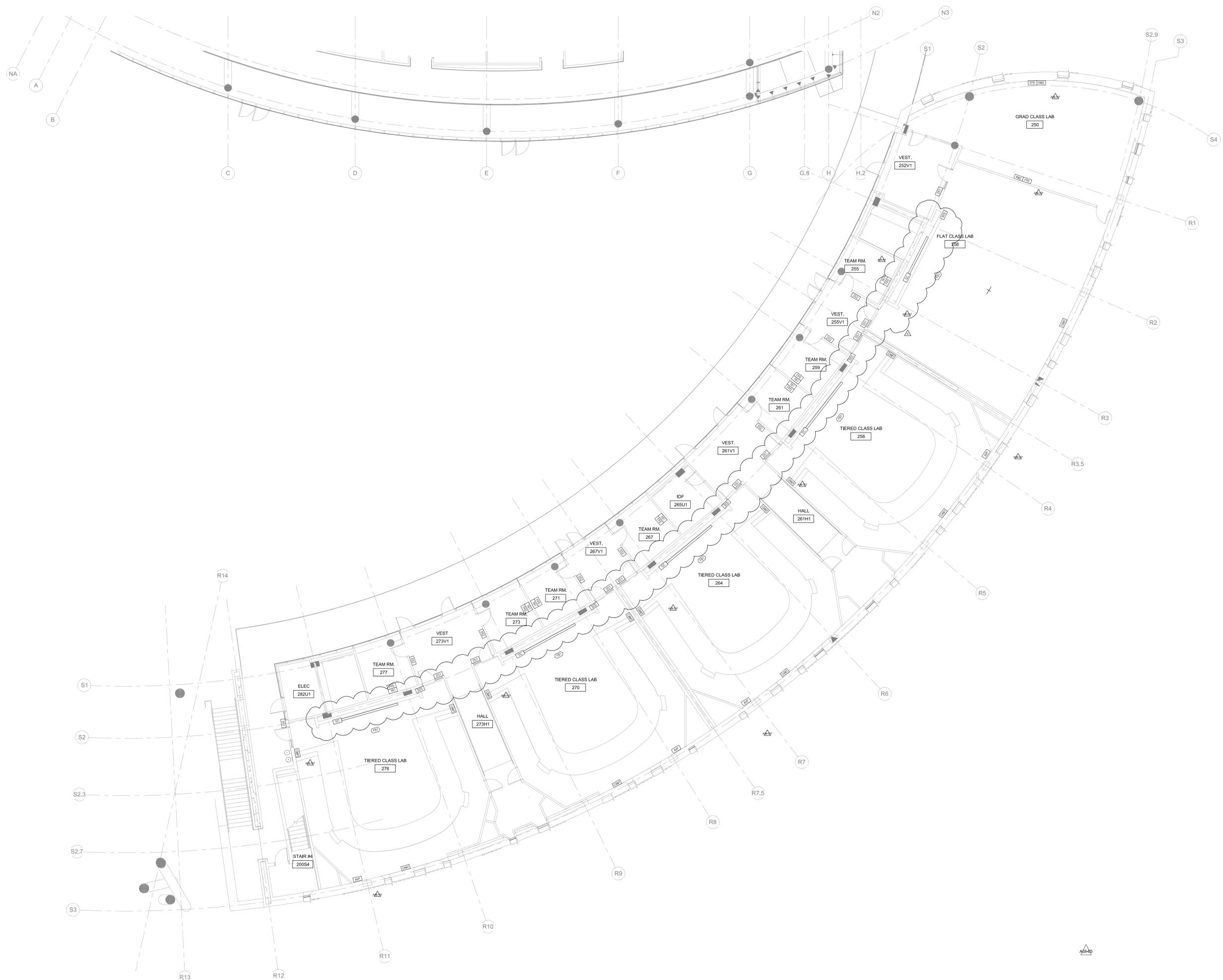


**1 ELEVATOR LOBBY CONDUIT RISER**

SCALE: NO SCALE REF: (100L1)







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for and on behalf of  
Arizona State University  
P.O. Box 875512  
Tempe, AZ 85287-5512

*Architect:*  
Kohn Pedersen Fox Associates PC  
11 West 42nd Street  
New York, New York 10036  
Tel: 212.977.6500 Fax: 212.956.2526

*Architect of Record:*  
RSP Architects  
502 S. College Ave. Suite 203  
Tempe, AZ 85281  
Tel: 408.889.2022 Fax: 408.889.2099

*Structural Engineer:*  
Meyer Borgman & Johnson, Inc.  
1438 W. Broadway Road, Suite 212  
Tempe, AZ 85282-1125  
Tel: 480.747.6737 Fax: 480.747.6727

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Scottsdale, AZ 85251  
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Phoenix, AZ 85021  
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Scottsdale, AZ 85250  
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Scottsdale, AZ 85259  
Tel: 480.722.0100

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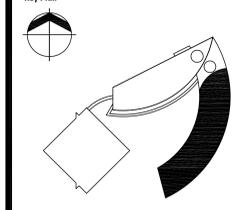
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No.	Date	Description
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3	03/09/12	OWNER REVISIONS
4	01/21/13	ISSUED FOR BID
5	01/23/13	UTILITY COORDINATION ASH-97
6	02/20/13	BID ADDENDUM ASH-107
7	02/27/13	BID ADDENDUM

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**Key Plan**



**Project Status**

<i>Issue Date:</i>	10/31/11
<i>Scale:</i>	As indicated
<i>Project No.:</i>	1279.013.00
<i>Drawn By:</i>	LRM
	1/8" = 1'-0"

**AV PLAN SECOND LEVEL SOUTH WING**

**AV-112.2**































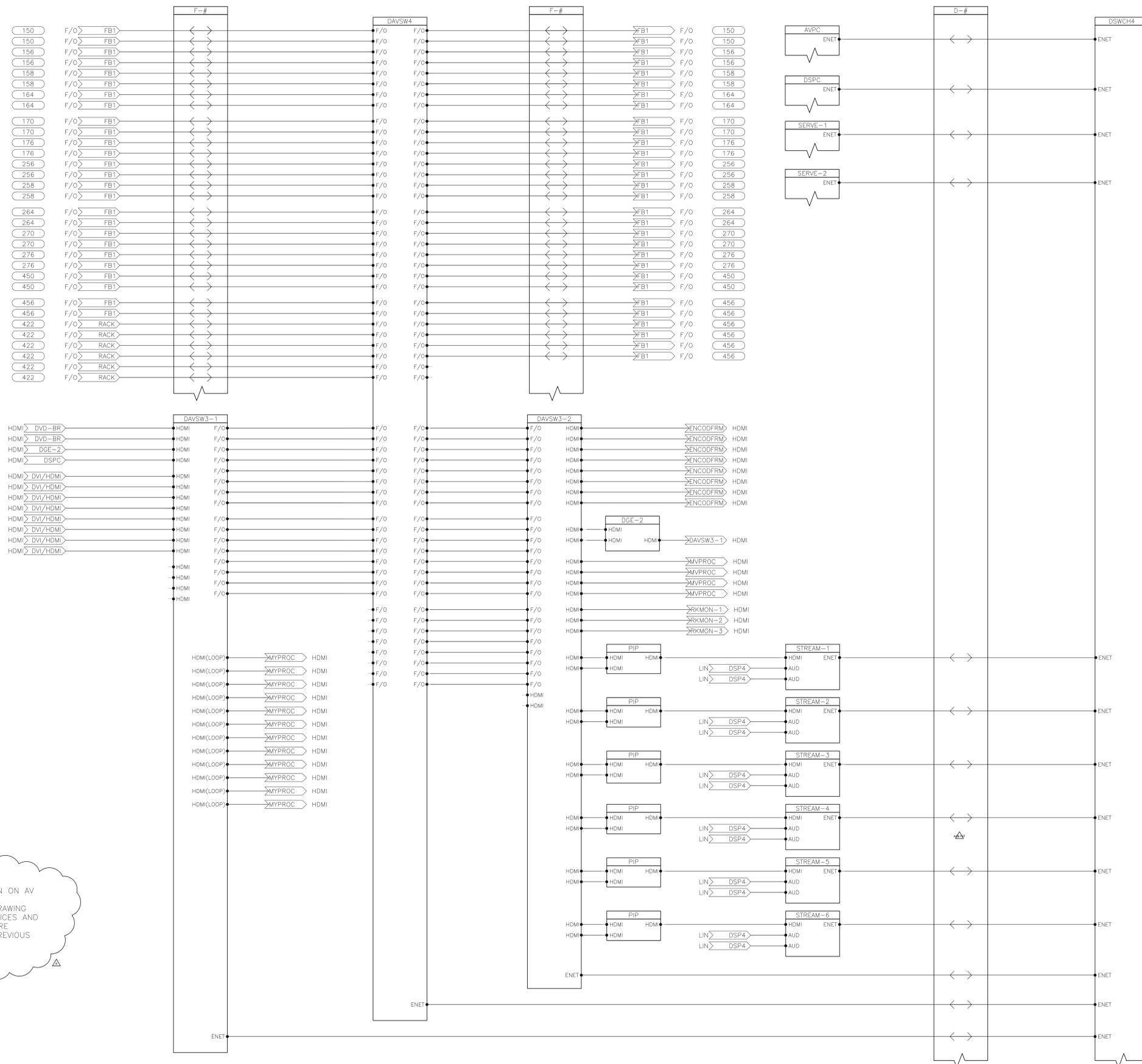








AV CONTROL ROOM



NOTE: SYSTEM SHOWN ON AV 511 AND AV 512 REORGANIZED FOR DRAWING CLARITY. SYSTEM DEVICES AND INTERCONNECTIONS ARE UNCHANGED FROM PREVIOUS ISSUE.

**1** PRODUCTION CONTROL SYSTEM AV SINGLE-LINE DIAGRAM  
SCALE: NONE TYP. FOR ROOM L141-A



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Arizona State University  
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- Client:** Arizona Board of Regents for and on behalf of Arizona State University  
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- Architect:** Kohn Pedersen Fox Associates PC  
11 West 42nd Street  
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Tempe, AZ 85282-1125  
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4	02/27/13	BID ADDENDUM 6

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	NA

**PRODUCTION CONTROL SYSTEM AV SINGLE-LINE DIAGRAM**





