AUDIOVISUAL TITLE SHEET

AUDIOVISUAL

CB	CEILING BOX
FB	FLOOR BOX
PT	POKE-THRU
S	BACKCAN FOR CEILING MOUNTED LOUDSPEAKER
WB	WALL BOX
TYPE 'x'	CEILING MOUUNTED PROJECTION SCREEN
	CONDUIT STUB ABOVE CEILING

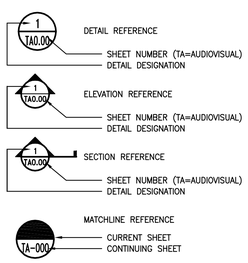
NOTE: SEE BACKBOX SCHEDULE FOR DEVICE TYPE AND SIZE.

S EAS	EVENT ANNUNCIATION SYSTEM LOUDSPEAKER, CEILING MOUNTED.
S EAS	EVENT ANNUNCIATION SYSTEM LOUDSPEAKER, WALL MOUNTED.

NOTE: DAISY-CHAIN SIGNAL CABLE BACK TO IDF ROOM.

CONVENTIONS

E-1	ELECTRICAL SHEET NOTE
G-1	GENERAL CONTRACTOR SHEET NOTE
M-1	MECHANICAL CONTRACTOR SHEET NOTE
S-1	SECURITY SHEET NOTE
T-1	TELECOM SHEET NOTE
AV-1	AUDIOVISUAL SHEET NOTE
1	CONDUIT IDENTIFICATION TAG.
1	NUMBERED SHEET NOTE (APPLIES TO DRAWING CONTAINING NOTES ONLY).
1	EQUIPMENT IDENTIFICATION TAG.
001	DOOR NUMBER
C01	TELECOMMUNICATION CONDUIT BANK TAG. REFER TO SCHEDULE.



GENERAL NOTES

APPLIES TO ALL SHEETS

PROJECT OVERALL:

1. THE PURPOSE OF THIS SHEET IS TO ILLUSTRATE AND DEFINE TYPICAL GRAPHIC SYMBOLS, AND SYSTEMS OF GRAPHIC SYMBOLS, WHICH MAY OCCUR ON THE AUDIOVISUAL DRAWINGS. THE ILLUSTRATION OF A SYMBOL, OR SYSTEM OF SYMBOLS, ON THIS SHEET DOES NOT NECESSARILY INDICATE THAT THE BUILDING ITEM OF THE DESCRIBED SYSTEM BY THE SYMBOL IS USED AS PART OF THIS PROJECT. REFER TO THE PLANS, ELEVATIONS, SECTIONS, SCHEDULES, DETAILS, AND SPECIFICATIONS TO DETERMINE THE SCOPE OF THE WORK.
2. THE WORK – INCLUDING MATERIALS, METHODS, ASSEMBLIES, ETC – MUST COMPLY WITH THE MINIMUM REQUIREMENTS OF THE GOVERNING LAWS, ORDINANCES, AND REGULATIONS OF ALL FEDERAL, STATE, DISTRICT, AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT, AS WELL AS THOSE GREATER REQUIREMENTS INDICATED BY THE CONTRACT DOCUMENTS. NO PART OF THE CONTRACT DOCUMENTS MAY BE CONSTRUED TO REQUIRE OR PERMIT WORK CONTRARY TO A GOVERNING LAW, ORDINANCE, OR REGULATION.
3. THE AUDIOVISUAL DRAWINGS ARE PART OF A LARGER SET OF DRAWINGS WHICH, WHEN COMPLETE, CONSISTS OF DRAWINGS LISTED BY THE "INDEX OF DRAWINGS". THE WORK DESCRIBED BY THE DRAWINGS OF ANY ONE DISCIPLINE MAY BE AFFECTED BY THE WORK AND REQUIREMENTS DESCRIBED ON DRAWINGS OF ANOTHER DISCIPLINE AND MAY REQUIRE REFERENCE TO THE DRAWINGS OF ANOTHER DISCIPLINE. PARTIAL SETS OF DRAWINGS ARE INCOMPLETE AND SHOULD NOT BE DISTRIBUTED OR UTILIZED BY THE CONTRACTOR. MANAGE, SUPERVISE, REVIEW, AND COORDINATE THE WORK OF SUB-CONTRACTORS, TRADES, AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION AND TO ASSURE THAT PARTIES ARE AWARE OF REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.
4. THE ARCHITECTURAL DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND EXACT LOCATION OF EXPOSED ELEMENTS OF THE WORK OF TRADES, INCLUDING THAT WORK THAT IS ILLUSTRATED PRIMARILY ON THESE DRAWINGS. LOCATIONS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS.
5. MAINTAIN A COPY OF THE SPECIFICATIONS AND DRAWINGS AT THE JOB SITE. PRESENT THE SPECIFICATIONS AND DRAWINGS UPON REQUEST. MAINTAIN DAILY MARKUPS OF ACTUAL INSTALLATION AND PRESENT FOR REVIEW UPON REQUEST.
6. REFER TO WRITTEN SPECIFICATIONS FOR PROJECT SCOPE, GENERAL REQUIREMENTS, PRODUCT SPECIFICATIONS, AND INSTALLATION REQUIREMENTS.
7. PROVIDE NECESSARY EQUIPMENT AND ACCESSORIES FOR A FULLY FUNCTIONAL SYSTEM THAT MEETS INTENDED DESIGN WHETHER EXPRESSLY SPECIFIED OR NOT.
8. PROVIDE MATERIALS AND EQUIPMENT LISTED BY UNDERWRITERS LABORATORIES FOR THE PURPOSE USED AND BEARING THEIR LABEL.
9. PRIOR TO PERFORMING WORK, IMMEDIATELY NOTIFY THE OWNER, OR OWNER'S REPRESENTATIVE, IN WRITING OF OBSERVATIONS OR CONDITIONS THAT ARE DISCOVERED THAT WOULD PREVENT INSTALLATION ACCORDING TO DRAWINGS AND SPECIFICATIONS.
10. BRING A SET OF MARKED UP PLANS TO WEEKLY CONSTRUCTION MEETINGS FOR OWNER'S, OR OWNER'S REPRESENTATIVE'S, APPROVAL PRIOR TO PRODUCTION OF AS-BUILT DRAWINGS FOR RECORD DOCUMENTATION.
11. REMOVE ABANDONED CABLING AND LEFT OVER CONDUIT, WIRE, SCRAPS, ETC. AND LEAVE PREMISES CLEAN AND FREE OF TRASH OR DEBRIS RESULTING FROM WORK.

AUDIOVISUAL PATHWAYS:

12. INSTALL EQUIPMENT, DEVICES, AND PATHWAYS, SUCH AS CABLE TRAY, RUNWAY, CONDUITS, CABLE HANGERS, AND PULLBOXES, ETC., ACCORDING TO STATE AND LOCAL CODES FOR SEISMIC BRACING.
13. CONDUIT ROUTING, WHERE SHOWN ON DRAWINGS, IS DIAGRAMMATIC IN NATURE. FIELD DETERMINE CONDUIT ROUTES TO SUIT FIELD CONDITIONS WHILE CONFORMING TO SPECIFICATIONS. PREPARE SHOP DRAWINGS SHOWING EXACT CONDUIT ROUTES, INDICATING PENETRATION TYPES (e.g., FRAMED WALL, CONCRETE WALL, ETC.). COORDINATE REQUIREMENTS OF OTHER TRADES.
14. CONFORM TO CONDUIT INSTALLATION INSTRUCTIONS OF TIA/EIA-568 AND BICSI TDMM.
15. ROUTE CONDUIT, CABLE TRAYS, AND OTHER PATHWAYS PERPENDICULAR OR PARALLEL TO BUILDING LINES.
16. CONDUITS WITH LESS THEN 2" INSIDE DIAMETER WILL HAVE A 90-DEGREE BEND RADIUS OF NO LESS THAN 6 TIMES THE INSIDE DIAMETER. CONDUITS WITH A 2" OR GREATER INSIDE DIAMETER WILL HAVE A 90-DEGREE BEND RADIUS OF NO LESS THAN 10 TIMES THE INSIDE DIAMETER.
17. CONDUIT RUNS SHALL NOT EXCEED 180 DEGREES OR TWO 90-DEGREE BENDS WITHOUT AN APPROPRIATE NEMA RATED PULL BOX OR/AND INCREASE CONDUIT BY ONE TRADE SIZE FOR EACH ADDITIONAL BEND, UNLESS LAST BEND IS WITHIN 12 INCHES OF THE CONDUIT END.
18. WHEN ROUTING CONDUIT IN CONCRETE, MAINTAIN A GRADUATED BEND RADIUS TO MAINTAIN CONDUIT CAPACITY. THE USE OF 90-DEGREE 'ELBOW' FITTINGS IS EXPRESSLY PROHIBITED UNLESS PRIOR AUTHORIZATION IS RECEIVED FROM OWNER, OR OWNER'S REPRESENTATIVE, IN WRITING.
19. PROPERLY FIRE SEAL CONDUIT AND RACEWAY PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS TO MAINTAIN THE FIRE SEPARATION RATING. PROVIDE FIRE SEALING ASSEMBLIES THAT ARE UL LISTED FOR THE APPLICATION. COORDINATE REQUIREMENTS WITH LOCAL FIRE MARSHALL PRIOR TO INSTALLATION.
20. PROVIDE EXPANSION/DEFLECTION FITTINGS FOR CONDUITS AT STRUCTURAL EXPANSION JOINT CROSSINGS.
21. PROVIDE PLASTIC BUSHINGS ON EXPOSED ENDS OF CONDUIT AND SLEEVES, WHETHER VISIBLE OR NOT.
22. PROVIDE EMT 4" TRADE SIZE CONDUITS FOR BACKBONE PATHWAYS WITH 40" MINIMUM BEND RADIUS FITTINGS, UON.
23. PROVIDE MINIMUM OF 1-1/4 INCH SIZE CONDUIT FOR HORIZONTAL DISTRIBUTION AND AUDIOVISUAL DEVICES.
24. PROVIDE DEDICATED CONDUIT STUB PER AUDIOVISUAL DEVICE BOX. DAISY-CHAINING DEVICE BOXES IS PROHIBITED.
25. CONDULET ("LB", ETC.) FITTINGS ARE EXPRESSLY PROHIBITED FOR BACKBONE AND HORIZONTAL SYSTEM PATHWAYS.
26. PROVIDE A PULL STRING IN EMPTY/UNUSED HORIZONTAL DISTRIBUTION CONDUITS AND CONDUITS SERVING AUDIOVISUAL DEVICES SUITABLE FOR A 200 LB PULL TENSION MINIMUM.
27. PROVIDE DEDICATED SUPPORTS (e.g., CLIPS & WIRES) FOR CABLE SUPPORT HANGERS (OR SIMILAR PATHWAY COMPONENTS) INTENDED FOR AUDIOVISUAL CABLES. DO NOT SHARE SUPPORTS WITH OTHER TRADES/SYSTEMS.

AUDIOVISUAL CABLING & DEVICES:

28. DO NOT TIE CABLES TO OTHER STRUCTURES NOT INTENDED FOR THIS SPECIFIC USE. DO NOT TIE CABLES TO CABLE TRAY.
29. ROUTE AUDIOVISUAL CABLES PERPENDICULAR OR PARALLEL TO BUILDING LINES. ROUTE AUDIOVISUAL CABLES NO LESS THAN 12 INCHES FROM ANY POWER SOURCE OR FLORESCENT LIGHTING FIXTURE, AND NO LESS THAN 4 FEET FROM ANY TRANSFORMER OR MOTOR.
30. PROVIDE AUDIOVISUAL CONDUITS FOR CABLING ROUTED THROUGH NON-ACCESSIBLE CEILING SPACE (e.g., 'HARD LID' CEILING), UON. SIZE CONDUITS TO MAINTAIN A FILL CAPACITY NO LESS THAN 40% PLUS 50% SPARE CAPACITY.
31. INSTALL AUDIOVISUAL DEVICES AT HEIGHTS NOTED ON SYMBOLS LIST AND DEVICE SCHEDULE, UNLESS OTHERWISE SHOWN ON THE DRAWINGS STATED IN SPECIFICATIONS. MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE. REFER TO ARCHITECTURAL ELEVATION DRAWINGS FOR ADDITIONAL INFORMATION OR EXACT LOCATIONS OF WALL/CEILING/FLOOR MOUNTED DEVICES.
32. PROVIDE A 24" MINIMUM SEPARATION BETWEEN 'BACK-TO-BACK' TELECOMMUNICATION POWER OR SIGNAL DEVICES IN FRAMED WALLS.
33. GROUP AND DRESS EXPOSED AUDIOVISUAL CABLE GROUPS USING VELCRO TIES, UON.

DRAWING INDEX

SHEET NUMBER	SHEET TITLE	50% DD SUBMITTAL	100% DD SUBMITTAL	100% SD DOCUMENTS	50% DESIGN REVIEW	CHECK SET	ISSUE FOR BACKCHECK	ISSUE FOR BACKCHECK	LEVEL 3 UPDATES
TA-001	AUDIOVISUAL SYMBOLS LIST AND DRAWING INDEX	X	X	X	X	X	X	–	
TA-002	BACKBOX SCHEDULE AND NOTES	–	–	–	X	X	X	X	
TA-011	AUDIOVISUAL RISER DIAGRAMS	–	–	X	X	X	X	X	
TA-101	LEVEL 1 AUDIOVISUAL OVERALL FLOOR PLAN	X	X	X	X	X	X	–	
TA-102	LEVEL 2 AUDIOVISUAL OVERALL FLOOR PLAN	X	X	X	X	X	X	–	
TA-103	LEVEL 3 AUDIOVISUAL OVERALL FLOOR PLAN	X	X	X	X	X	X	–	
TA-103A	LEVEL 3 AUDIOVISUAL OVERALL FLOOR PLAN	–	–	–	–	–	–	X	
TA-201	LEVEL 1 AUDIOVISUAL OVERALL R C P	–	–	X	X	X	X	–	
TA-202	LEVEL 2 AUDIOVISUAL OVERALL R C P	–	–	X	X	X	X	–	
TA-203	LEVEL 3 AUDIOVISUAL OVERALL R C P	–	–	X	X	X	X	X	
TA-401	SECTIONS AND ELEVATIONS	–	–	X	X	X	X	–	
TA-501	AUDIOVISUAL DETAILS	X	X	X	X	X	X	–	
TA-502	AUDIOVISUAL DETAILS	–	–	–	–	–	X	–	

ISSUE LOG

ISSUE LOG KEY:	DATE
' X ' ISSUED AS PART OF A SET	06/13/08
' – ' NOT A PART OF ISSUED SET	07/14/08
	07/28/08
	11/11/08
	02/09/09
	04/30/09
	05/19/09
	06/10/10

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFT	AM/FM TUNER
AMP	AUDIO AMPLIFIER
ANT	ANTENNA
APB	AUDIO PATCH BAY
ATC	AUDIO CONFERENCE UNIT
AVC	AUDIOVISUAL CONTRACTOR
AVS	AUDIO/VIDEO SWITCHER
BFC	BELOW FINISHED CEILING
CAS	CASSETTE DECK
CCD	CLOSED CAPTIONING DECODER
CCP	CD/CASSETTE PLAYER
CDP	COMPACT DISC PLAYER
CPU	CENTRAL PROCESSING UNIT
CSI	CONTROL SYSTEM INTERFACE
CSP	CONTROL SYSTEM PROCESSOR
CSS	CONTROL SYSTEM SENSOR
CTLB	CONTROL SYSTEM BUSS STRIP
CTLR	CONTROLLER
DA	DISTRIBUTION AMPLIFIER
DOC	VIDEO DOCUMENT CAMERA
DSP	DIGITAL SIGNAL PROCESSOR
DTC	DATA TELECOMMUNICATION CONTRACTOR
DVD	DIGITAL VIDEO DISC PLAYER
EC	ELECTRICAL CONTRACTOR
FPD	FLAT PANEL DISPLAY
GC	GENERAL CONTRACTOR
HDP	HIGH-DEF PLAYER
HST	HAND/HEAD SET
IAA	INTEGRATED AUDIO AMPLIFIER
IFP	INTERFACE PANEL
IG	ISOLATED GROUND
IRD	INFRARED DISPLAY
JBX	JUNCTION BOX
KVM	KEYBOARD/VIDEO/MOUSE
MIC	MICROPHONE
MIX	MIXER
MON	MONITOR
MSW	MULTI-MEDIA SWITCHER
MTX	MATRIX SWITCHER
NET	NETWORK WIRELESS ACCESS POINT
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OFE	OWNER FURNISHED EQUIPMENT
OFOI	OWNER FURNISHED OWNER INSTALLED
OPJ	OVERHEAD PROJECTOR
PJS	PROJECTION SCREEN
PSU	POWER SUPPLY
RGB	HI-RES COMPUTER SIGNAL
SCN	SCAN CONVERTER
SCR	SCALER
SPJ	SLIDE PROJECTOR
SPK	LOUDSPEAKER
SRP	SURROUND PROCESSOR
SRT	SATELLITE RECEIVER TUNER
SW	SWITCHER
TBK	TERMINATION BLOCK
TBD	TO BE DETERMINED
TDS	TREND DATA SERVER
TP	CONTROL TOUCH PANEL
TR	TELECOMMUNICATION ROOM
TS	TERMINAL STRIP
TVT	TV/RF TUNER
UON	UNLESS OTHERWISE NOTED
USB	UNIVERSAL SERIAL BUS
VCA	VOLTAGE CONTROLLED AMPLIFIER
VCR	VIDEO CASSETTE RECORDER
VDC	VCR/DVD COMBO
VDP	VIDEO PROCESSOR
VOL	VOLUME CONTROL
VPJ	VIDEO PROJECTOR
VSW	VIDEO SWITCHER
WAP	WIRELESS ACCESS POINT
WRX	WIRELESS RECEIVER
WTP	WIRELESS TOUCH PANEL
WTX	WIRELESS TRANSMITTER

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NO.	ISSUES/REVISIONS	DATE
1	100% SCHEMATIC DESIGN SUBMITTAL	04/28/08
2	50% DESIGN DEVELOPMENT SUBMITTAL	06/13/08
3	100% DESIGN DEVELOPMENT SUBMITTAL	07/28/08
4	DSA INCREMENT #1: SITE DEMOLITION, EXCAVATION, ROUGH GRADING & UTILITIES	09/25/08
5	INCREMENT 2 80% REVIEW	10/10/08
6	DSA INCREMENT #2: STRUCTURE & GFRC PANELS	11/11/08
7	DSA INCREMENT #3 50% REVIEW	11/11/08
8	DSA INCREMENT #1: BACK CHECK	11/19/08
9	DSA INCREMENT #3: 90% REVIEW	12/19/08
10	DSA INCREMENT #3: TENANT IMPROVEMENT & ROOFING SYSTEM	02/09/09
11	DSA INCREMENT #2: BACKCHECK	03/11/09
12	DSA INCREMENT #3: BACKCHECK	05/12/09
13	PROJECT RECORD SET	01/31/11

PROJECT RECORD SET

SKYLINE COLLEGE CIP2 DESIGN-BUILD BUILDING 4N

PROJECT NO.:
DRAWN BY: WAC
DATE: 01/31/11
CHECKED BY: APA
SCALE: NONE

SHEET TITLE:

AUDIOVISUAL SYMBOLS LIST AND DRAWING INDEX

SHEET NO:

TA-001

If this drawing is not 30"x42", then the drawing has been revised from its original size. Noted scales must be adjusted. This line should be equal to one inch

AUDIOVISUAL BACKBOX SCHEDULE

SOME OF THESE SYMBOLS SHOWN MAY NOT BE USED ON THIS PROJECT

SYMBOL	DESCRIPTION	PATHWAY FEED	COMMENTS	DEVICE BOX	RING	COMMENTS	MOUNTING	COMMENTS	FACEPLATE	COMMENTS	NOTES
CR CAM	CEILING BOX FOR SKYTRON CAMERA		–	1 GANG, 2 1/2" DEEP	–	2	IN-CEILING	–	–	–	SEE DETAIL 12, SHEET TA-501
CR PJR	CEILING BOX FOR PROJECTOR		1.a	2 GANG, 2 1/2" DEEP	–	2	IN-CEILING	6, 9	–	–	SEE DETAIL 2, SHEET TA-501
FB	AV FLOOR BOX		1.a	SEE SPECIFICATIONS	–	2	IN FLOOR	4, 7, 8	–	–	SEE DETAIL 7, SHEET TA-501
PT	AV POKE-THRU		–	SEE SPECIFICATIONS	–	2	IN FLOOR	4, 7, 8	–	–	SEE DETAIL 8, SHEET TA-501
S	BACKCAN FOR CEILING MOUNTED LOUDSPEAKER		–	SEE SPECIFICATIONS	–	3	IN-CEILING	–	–	–	SEE DETAIL 1, SHEET TA-501
WB AUD	WALL BOX FOR AUDIO LINES		1.b	3 GANG, 2-1/2" DEEP	–	2	IN WALL AT OUTLET HEIGHT, UON	–	–	–	–
WB CAM	WALL BOX FOR CAMERA		1.b	2 GANG, 2-1/2" DEEP	–	2	IN WALL AT OUTLET HEIGHT, UON	9	–	–	–
WB CC	WALL BOX FOR VIDEO INTERFACE		1.b	2 GANG, 2-1/2" DEEP	–	2	IN WALL AT OUTLET HEIGHT, UON	–	–	–	SEE DETAIL 12, SHEET TA-501
WB EWB	WALL BOX FOR ELECTRONIC WHITEBOARD		1.b	2 GANG, 2 1/2" DEEP	–	2	IN WALL AT SWITCH HEIGHT, UON	9	–	–	–
WB FPD	WALL BOX FOR FLAT PANEL DISPLAY		1.a	2 GANG, 2 1/2" DEEP	–	2	IN WALL AT SWITCH HEIGHT, UON	9	–	–	SEE DETAIL 5, SHEET TA-501
WB IFP	WALL BOX FOR INTERFACE PLATE		1.a	2 GANG, 2-1/2" DEEP	–	2	IN WALL AT SWITCH HEIGHT, UON	9	–	–	–
WB PSC	WALL BOX FOR PROJECTION SCREEN CONTROLLER		1.a	1 GANG, 2 1/2" DEEP	–	2	IN WALL AT SWITCH HEIGHT, UON	–	–	–	–
WB VC	WALL BOX FOR VOLUME CONTROL		1.a	1 GANG, 2 1/2" DEEP	–	2	IN WALL AT SWITCH HEIGHT, UON	–	–	–	–
WB WC	WALL BOX FOR CAMERA WALL CONTROL		1.b	CUSTOM BOX FROM SKYTRON	–	2	IN WALL AT SWITCH HEIGHT, UON	4	–	–	SEE DETAIL 12, SHEET TA-501
WB CP	WALL BOX FOR CONTROL PANEL		–	TO BE DETERMINED	–	–	IN WALL AT SWITCH HEIGHT, UON	–	–	–	–
WB SC	WALL BOX FOR SCREEN CONTROL		1.b	1 GANG, 2 1/2" DEEP	–	2	ON WALL ABOVE CEILING, ADJACENT TO PROJECTION SCREEN	–	–	–	–
CR FPD	CEILING BOX FOR (FUTURE) FLAT PANEL DISPLAY		–	2 GANG, 2 1/2" DEEP	–	2	IN-CEILING	6, 9	–	–	–

NUMBERED COMMENTS

1. ELECTRICAL CONTRACTOR SHALL PROVIDE:
   a. DEVICE BOX AND CONTINUOUS CONDUIT FROM BOX TO TERMINAL PANEL (WB-TP) OR FLOOR BOX (FB-INT)
   b. CONDUIT STUB WITH PULL STRING FROM CEILING SPACE DOWN WALL TO DEVICE BOX
   c. CONDUIT TO DAISY-CHAIN FROM BOX TO BOX
2. ELECTRICAL CONTRACTOR SHALL PROVIDE DEVICE BOX AND RING.
3. AUDIOVISUAL CONTRACTOR SHALL PROVIDE DEVICE BOX.
4. DEVICE SHARED WITH ELECTRICAL. REFER TO ELECTRICAL FOR DEVICE TYPE AND INSTALLATION REQUIREMENTS.
5. PROVIDE TWO DUPLEX OUTLETS ADJACENT TO BOX. REFER TO ELECTRICAL DRAWINGS.
6. PROVIDE (2) DATA PORTS ON SINGLE GANG PLATE ADJACENT TO BOX.
7. PROVIDE DUPLEX OUTLET WITHIN BOX. REFER TO ELECTRICAL DRAWINGS.
8. PROVIDE (2) DATA PORTS ON SINGLE GANG PLATE WITHIN BOX.
9. PROVIDE SINGLE DUPLEX OUTLET ADJACENT TO BOX. REFER TO ELECTRICAL DRAWINGS.

GENERAL COMMENTS

A. CIRCUITS ARE 120 VAC, 60 HZ, 1-PHASE, UNLESS OTHERWISE NOTED.

B. PROVIDE POWER TO THE AUDIOVISUAL SYSTEMS FROM THE SAME PHASE LEG.

C. PROVIDE A SEPARATE TRANSFORMER TAP AND SERVICE PANEL TO THE AUDIOVISUAL SYSTEM. DO NOT SHARE POWER WITH LIGHTING AND VARIABLE LOAD DEVICES (I.E.: ELEVATOR MOTORS, WATER HEATERS).

D. REFER TO FLOOR PLANS FOR DIAGRAMMATIC LAYOUT OF AUDIOVISUAL DEVICES.

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NO.	ISSUES/REVISIONS	DATE
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4	DSA INCREMENT #1: SITE DEMOLITION, EXCAVATION, ROUGH GRADING & UTILITIES	09/25/08
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6	DSA INCREMENT #2: STRUCTURE & GFRC PANELS	11/11/08
7	DSA INCREMENT #3 50% REVIEW	11/11/08
8	DSA INCREMENT #1: BACK CHECK	11/19/08
9	DSA INCREMENT #3: 90% REVIEW	12/19/08
10	DSA INCREMENT #3: TENANT IMPROVEMENT & ROOFING SYSTEM	02/09/09
11	DSA INCREMENT #2: BACKCHECK	03/11/09
12	DSA INCREMENT #3: BACKCHECK	05/12/09
13	PROJECT RECORD SET	01/31/11

PROJECT RECORD SET

SKYLINE COLLEGE
CIP2 DESIGN-BUILD
BUILDING 4N

PROJECT NO.:
DATE: 01/31/11
SCALE: NONE
DRAWN BY: WAC
CHECKED BY: APA

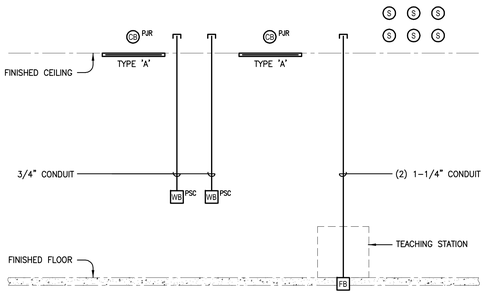
SHEET TITLE:

BACKBOX SCHEDULE AND NOTES

SHEET NO:

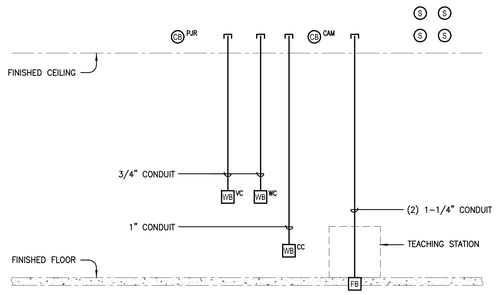
TA-002

If this drawing is not 30"x42", then the drawing has been revised from its original size. Noted scales must be adjusted. This line should be equal to one inch



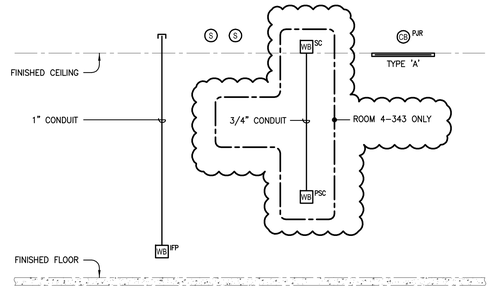
APPLICABLE TO ROOMS: 4-148, 4-170, 4-180

LARGE CLASSROOMS 1
SCALE: NTS



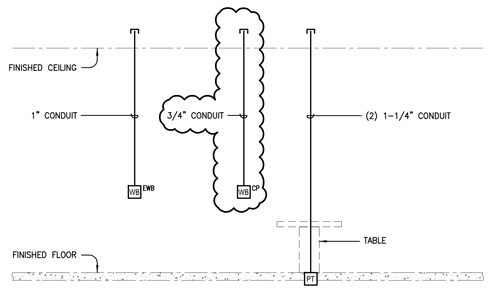
APPLICABLE TO ROOM: 4-102

MEDIUM CLASSROOM 2
SCALE: NTS



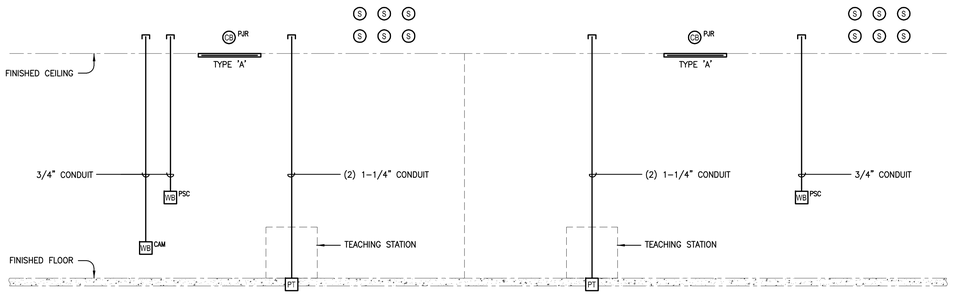
APPLICABLE TO ROOMS: 4-132, 4-343

MEETING ROOMS 3
SCALE: NTS



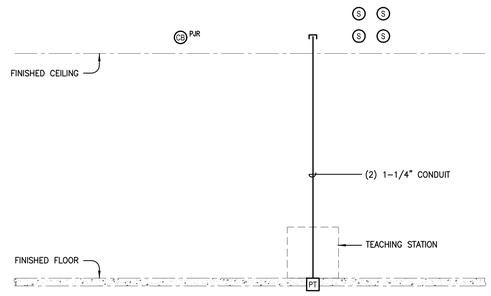
APPLICABLE TO ROOM: 4-318

PRESIDENT'S OFFICE 4
SCALE: NTS



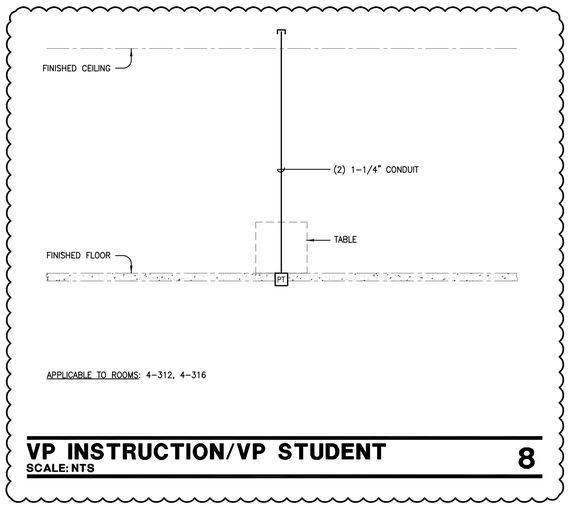
APPLICABLE TO ROOM: 4-201

LARGE CLASSROOM 6
SCALE: NTS



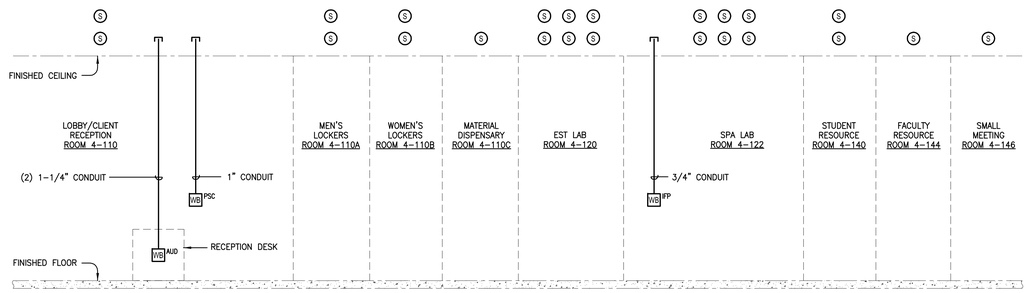
APPLICABLE TO ROOMS: 4-218, 4-271, 4-272, 4-273, 4-274, 4-301

MEDIUM CLASSROOMS 7
SCALE: NTS



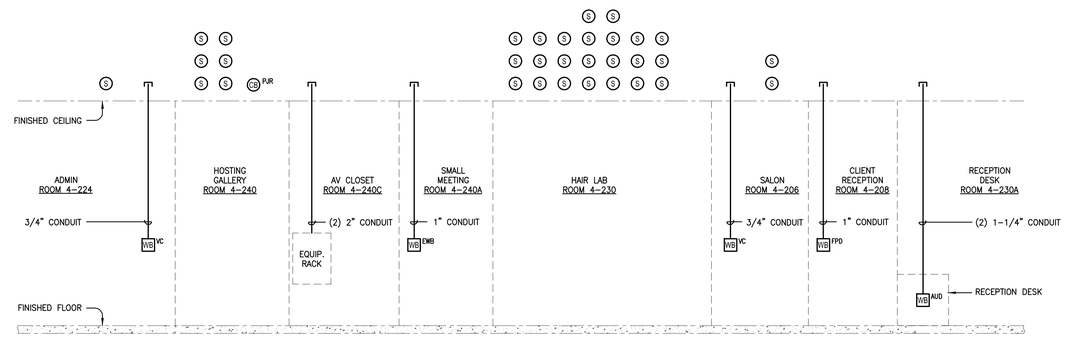
APPLICABLE TO ROOMS: 4-312, 4-316

VP INSTRUCTION/VP STUDENT 8
SCALE: NTS



APPLICABLE TO ROOM: AS NOTED

LEVEL 1 - VARIOUS LOCATIONS 10
SCALE: NTS



APPLICABLE TO ROOMS: AS NOTED

LEVEL 2 - VARIOUS LOCATIONS 12
SCALE: NTS

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NO.	ISSUES/REVISIONS	DATE
1	100% SCHEMATIC DESIGN SUBMITTAL	04/28/08
2	50% DESIGN DEVELOPMENT SUBMITTAL	06/13/08
3	100% DESIGN DEVELOPMENT SUBMITTAL	07/28/08
4	DSA INCREMENT #1: SITE DEMOLITION, EXCAVATION, ROUGH GRADING & UTILITIES	09/25/08
5	INCREMENT 2 80% REVIEW	10/10/08
6	DSA INCREMENT #2: STRUCTURE & GFRC PANELS	11/11/08
7	DSA INCREMENT #3 50% REVIEW	11/11/08
8	DSA INCREMENT #1: BACK CHECK	11/19/08
9	DSA INCREMENT #3: 90% REVIEW	12/19/08
10	DSA INCREMENT #3: TENANT IMPROVEMENT & ROOFING SYSTEM	02/09/09
11	DSA INCREMENT #2: BACKCHECK	03/11/09
12	DSA INCREMENT #3: BACKCHECK	05/12/09
13	PROJECT RECORD SET	01/31/11

PROJECT RECORD SET

SKYLINE COLLEGE
CIP2 DESIGN-BUILD
BUILDING 4N

PROJECT NO.:
DATE: 01/31/11
SCALE: NONE
DRAWN BY: WAC
CHECKED BY: APA

SHEET TITLE:

AUDIOVISUAL RISER DIAGRAMS

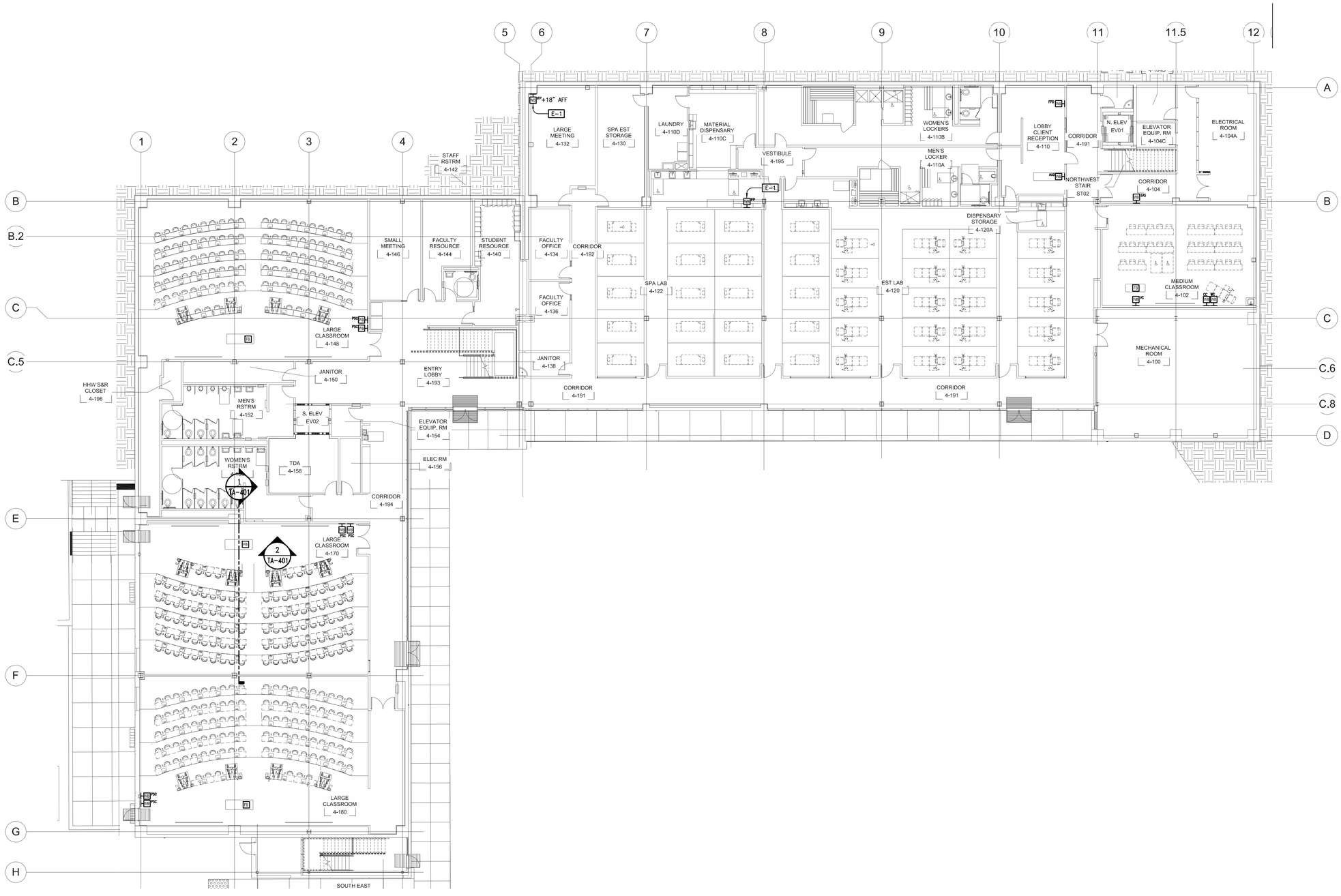
SHEET NO:

TA-011

NUMBERED SHEET NOTES

ELECTRICAL:

E-1 COORDINATE EXACT LOCATION OF WALL BOX WITH OWNER'S REPRESENTATIVE.



0 2 4 8 16 FT

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3	100% DESIGN DEVELOPMENT SUBMITTAL	07/28/08
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8	DSA INCREMENT #1: BACK CHECK	11/19/08
9	DSA INCREMENT #3: 90% REVIEW	12/19/08
10	DSA INCREMENT #3: TENANT IMPROVEMENT & ROOFING SYSTEM	02/09/09
11	DSA INCREMENT #2: BACKCHECK	03/11/09
12	DSA INCREMENT #3: BACKCHECK	05/12/09
13	PROJECT RECORD SET	01/31/11

PROJECT RECORD SET

SKYLINE COLLEGE
CIP2 DESIGN-BUILD
BUILDING 4N

PROJECT NO.:
DATE: 01/31/11
SCALE: 3/32" = 1'-0"
DRAWN BY: WAC
CHECKED BY: APA

SHEET TITLE:

LEVEL 1 AUDIOVISUAL OVERALL FLOOR PLAN

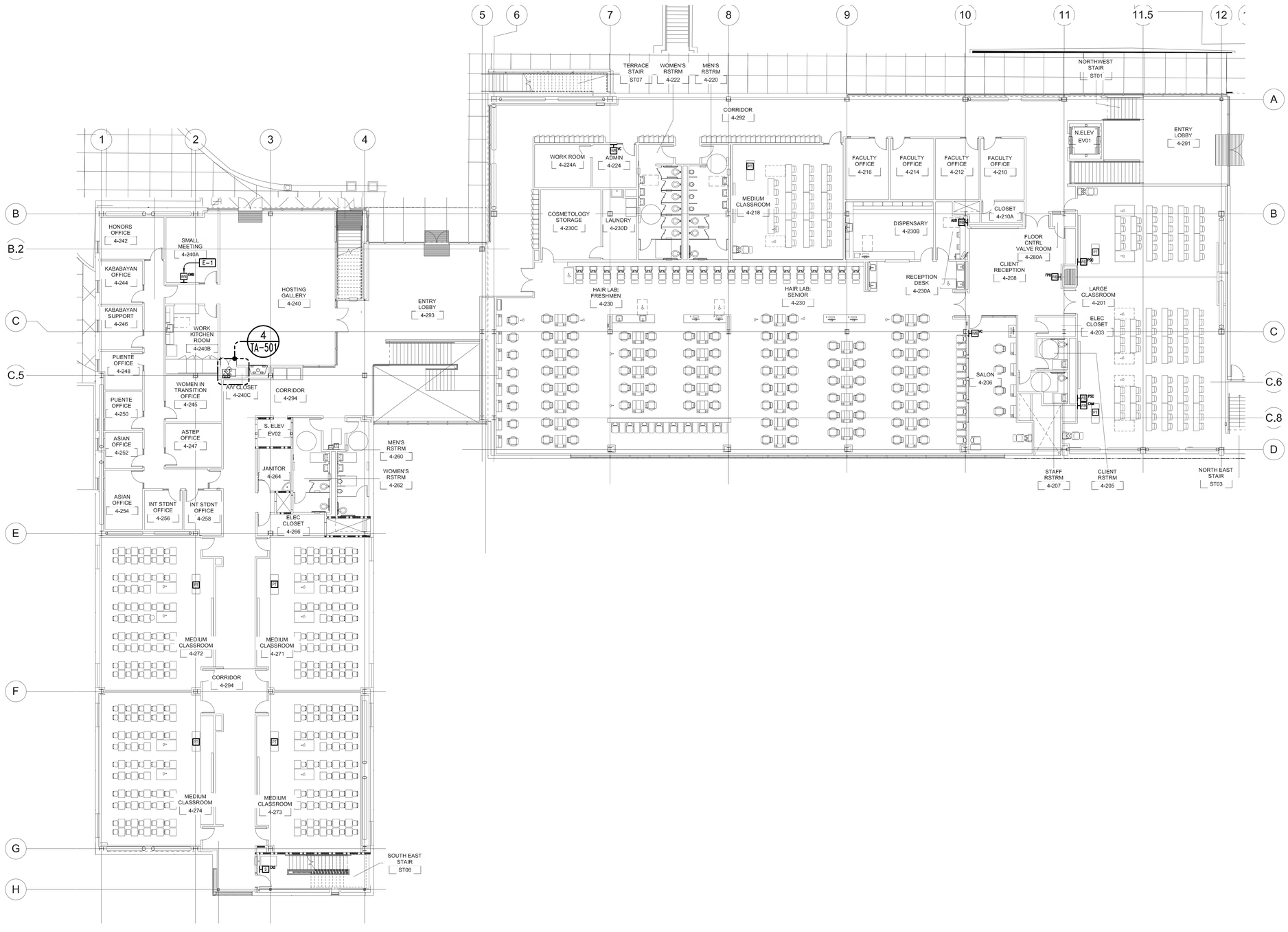
SHEET NO:

TA-101

NUMBERED SHEET NOTES

ELECTRICAL:

E-1 COORDINATE EXACT LOCATION OF WALL BOX WITH OWNER'S REPRESENTATIVE.



0 2 4 8 16 FT

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3	100% DESIGN DEVELOPMENT SUBMITTAL	07/28/08
4	DSA INCREMENT #1: SITE DEMOLITION, EXCAVATION, ROUGH GRADING & UTILITIES	09/25/08
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10	DSA INCREMENT #3: TENANT IMPROVEMENT & ROOFING SYSTEM	02/09/09
11	DSA INCREMENT #2: BACKCHECK	03/11/09
12	DSA INCREMENT #3: BACKCHECK	05/12/09
13	PROJECT RECORD SET	01/31/11

PROJECT RECORD SET

SKYLINE COLLEGE CIP2 DESIGN-BUILD BUILDING 4N

PROJECT NO.:
DATE: 01/31/11
SCALE: 3/32" = 1'-0"
DRAWN BY: WAC
CHECKED BY: APA

SHEET TITLE:

LEVEL 2 AUDIOVISUAL OVERALL FLOOR PLAN

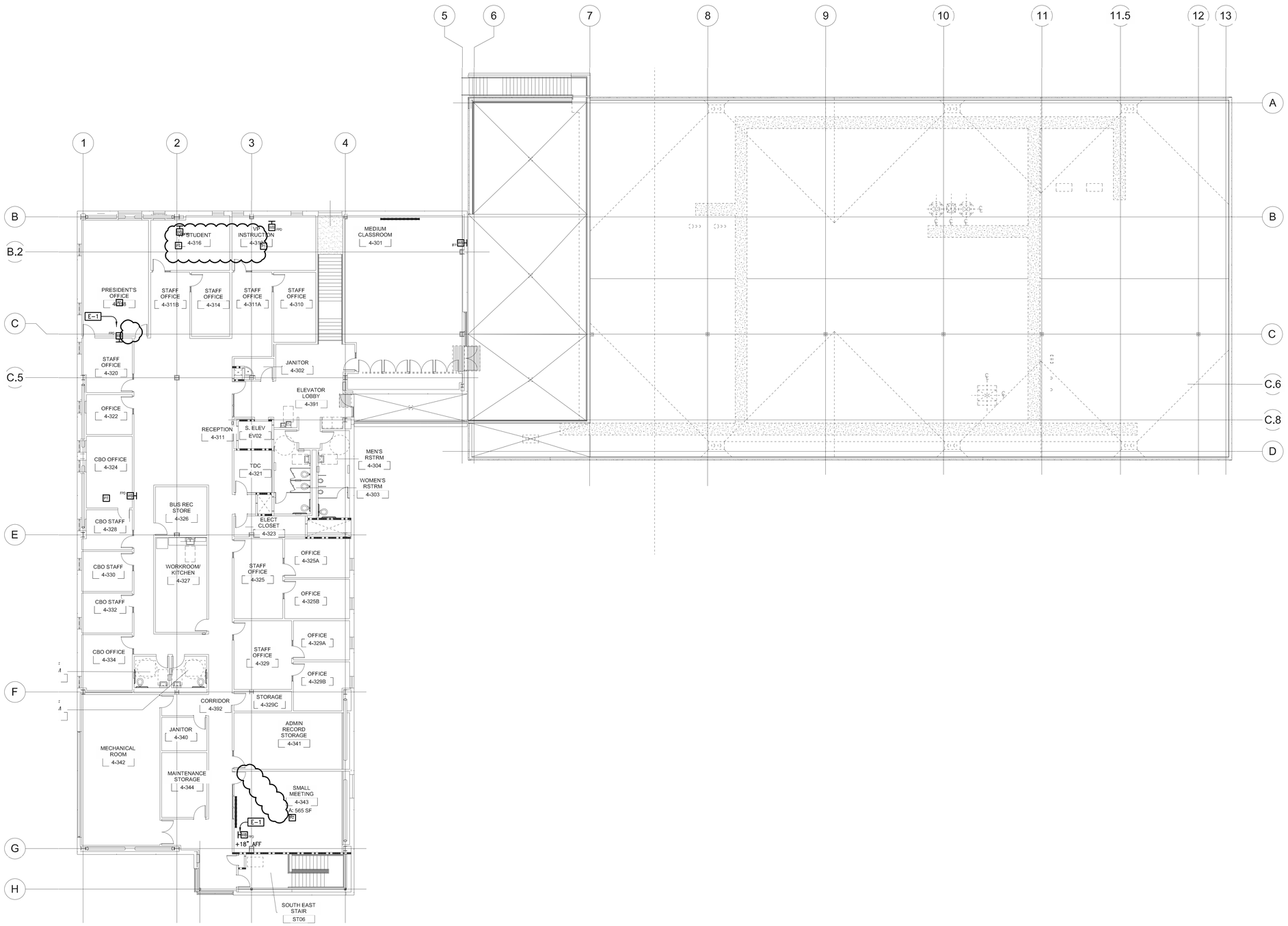
SHEET NO:

TA-102

NUMBERED SHEET NOTES

ELECTRICAL:

E-1 COORDINATE EXACT LOCATION OF WALL BOX WITH OWNER'S REPRESENTATIVE.



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11	DSA INCREMENT #2: BACKCHECK	03/11/09
12	DSA INCREMENT #3: BACKCHECK	05/12/09
13	PROJECT RECORD SET	01/31/11

PROJECT RECORD SET

SKYLINE COLLEGE
CIP2 DESIGN-BUILD
BUILDING 4N

PROJECT NO.:
DRAWN BY: WAC
DATE: 01/31/11
CHECKED BY: APA
SCALE: 3/32" = 1'-0"

SHEET TITLE:

LEVEL 3 AUDIOVISUAL OVERALL FLOOR PLAN

SHEET NO:

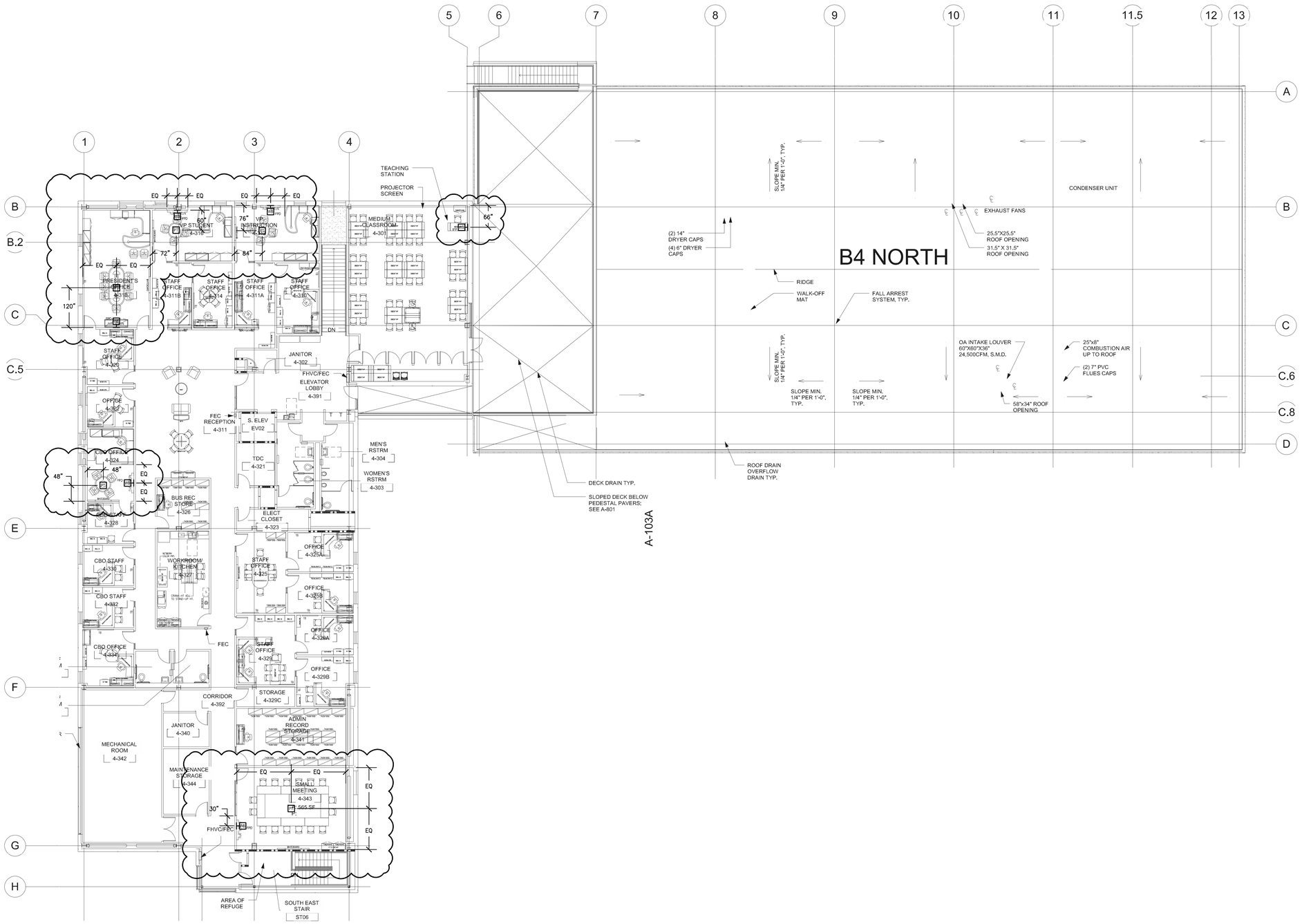
TA-103

If this drawing is not 30"x42", then the drawing has been revised from its original size. Noted scales must be adjusted. This line should be equal to one inch

SYMBOL LIST

AUDIOVISUAL:

- PT — AV POKE-THRU, 6" ROUND, (2) 1-1/4" CONDUIT STUBBED UP TO ACCESSIBLE CEILING
- WB FPD — WALL BOX FOR FLAT PANEL DISPLAY, 2-GANG, CENTER OF BOX AT 52" AFF, (1) 1-1/4" CONDUIT STUBBED UP TO ACCESSIBLE CEILING. PROVIDE DATA AND ADJACENT TO BOX.
- WB FP — WALL BOX FOR INTERFACE PLATE, 3-GANG, CENTER OF BOX AT 18" AFF, (2) 1-1/4" CONDUIT STUBBED UP TO ACCESSIBLE CEILING. PROVIDE DATA AND ADJACENT TO BOX.



0 2 4 8 16 FT

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11	DSA INCREMENT #2: BACKCHECK	03/11/09
12	DSA INCREMENT #3: BACKCHECK	05/12/09
13	PROJECT RECORD SET	01/31/11

PROJECT RECORD SET

SKYLINE COLLEGE
CIP2 DESIGN-BUILD
BUILDING 4N

PROJECT NO.:
DRAWN BY: WAC
DATE: 01/31/11
CHECKED BY: APA
SCALE: 3/32" = 1'-0"

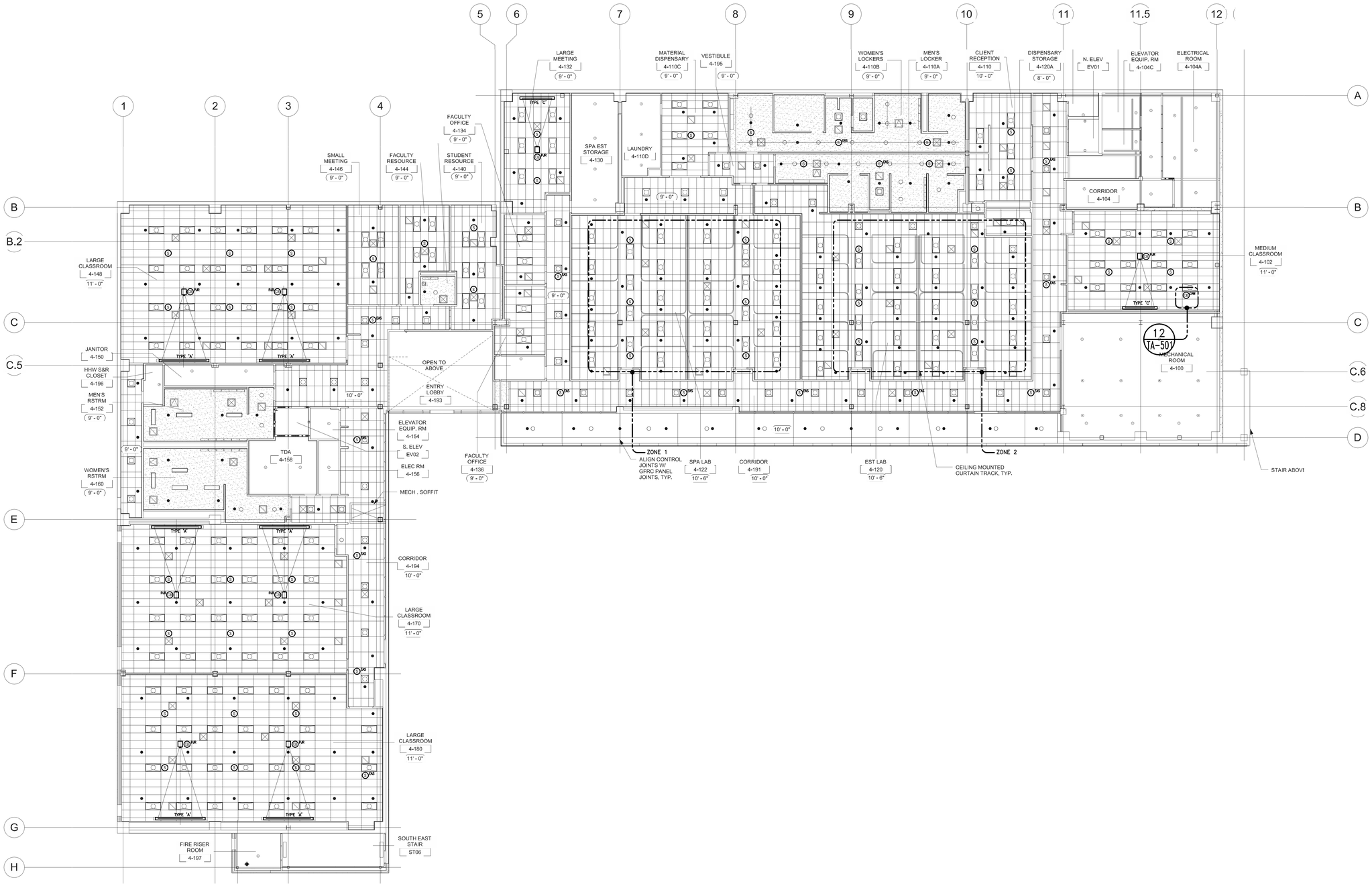
SHEET TITLE:

LEVEL 3
AUDIOVISUAL
OVERALL
FLOOR PLAN

SHEET NO:

TA-103A

If this drawing is not 30"x42", then the drawing has been revised from its original size. Noted scales must be adjusted. This line should be equal to one inch



0 2 4 8 16 FT

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4	DSA INCREMENT #1: SITE DEMOLITION, EXCAVATION, ROUGH GRADING & UTILITIES	09/25/08
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10	DSA INCREMENT #3: TENANT IMPROVEMENT & ROOFING SYSTEM	02/09/09
11	DSA INCREMENT #2: BACKCHECK	03/11/09
12	DSA INCREMENT #3: BACKCHECK	05/12/09
13	PROJECT RECORD SET	01/31/11

PROJECT RECORD SET

SKYLINE COLLEGE
CIP2 DESIGN-BUILD
BUILDING 4N

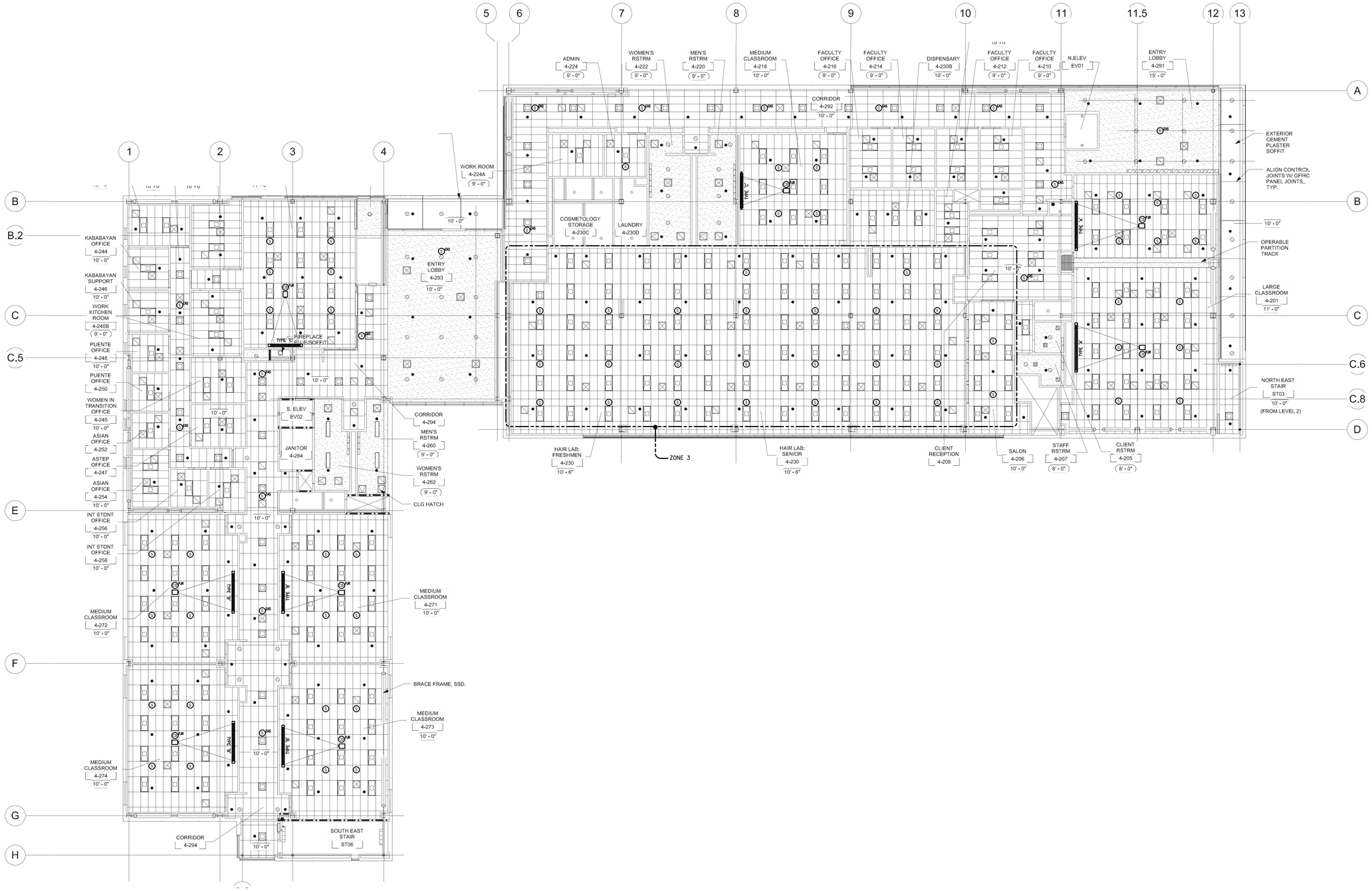
PROJECT NO.:
DRAWN BY: WAC
DATE: 01/31/11
CHECKED BY: APA
SCALE: 3/32" = 1'-0"

SHEET TITLE:

LEVEL 1
AUDIOVISUAL
OVERALL
R C P

SHEET NO:

TA-201



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3	100% DESIGN DEVELOPMENT SUBMITTAL	07/28/08
4	DSA INCREMENT #1: SITE DEMOLITION, EXCAVATION, ROUGH GRADING & UTILITIES	09/25/08
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9	DSA INCREMENT #3: 90% REVIEW	12/19/08
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11	DSA INCREMENT #2: BACKCHECK	03/11/09
12	DSA INCREMENT #3: BACKCHECK	05/12/09
13	PROJECT RECORD SET	01/31/11

PROJECT RECORD SET

SKYLINE COLLEGE CIP2 DESIGN-BUILD BUILDING 4N

PROJECT NO.:
DATE: 01/31/11
SCALE: 3/32" = 1'-0"
DRAWN BY: WAC
CHECKED BY: APA

SHEET TITLE:

LEVEL 2 AUDIOVISUAL OVERALL R C P

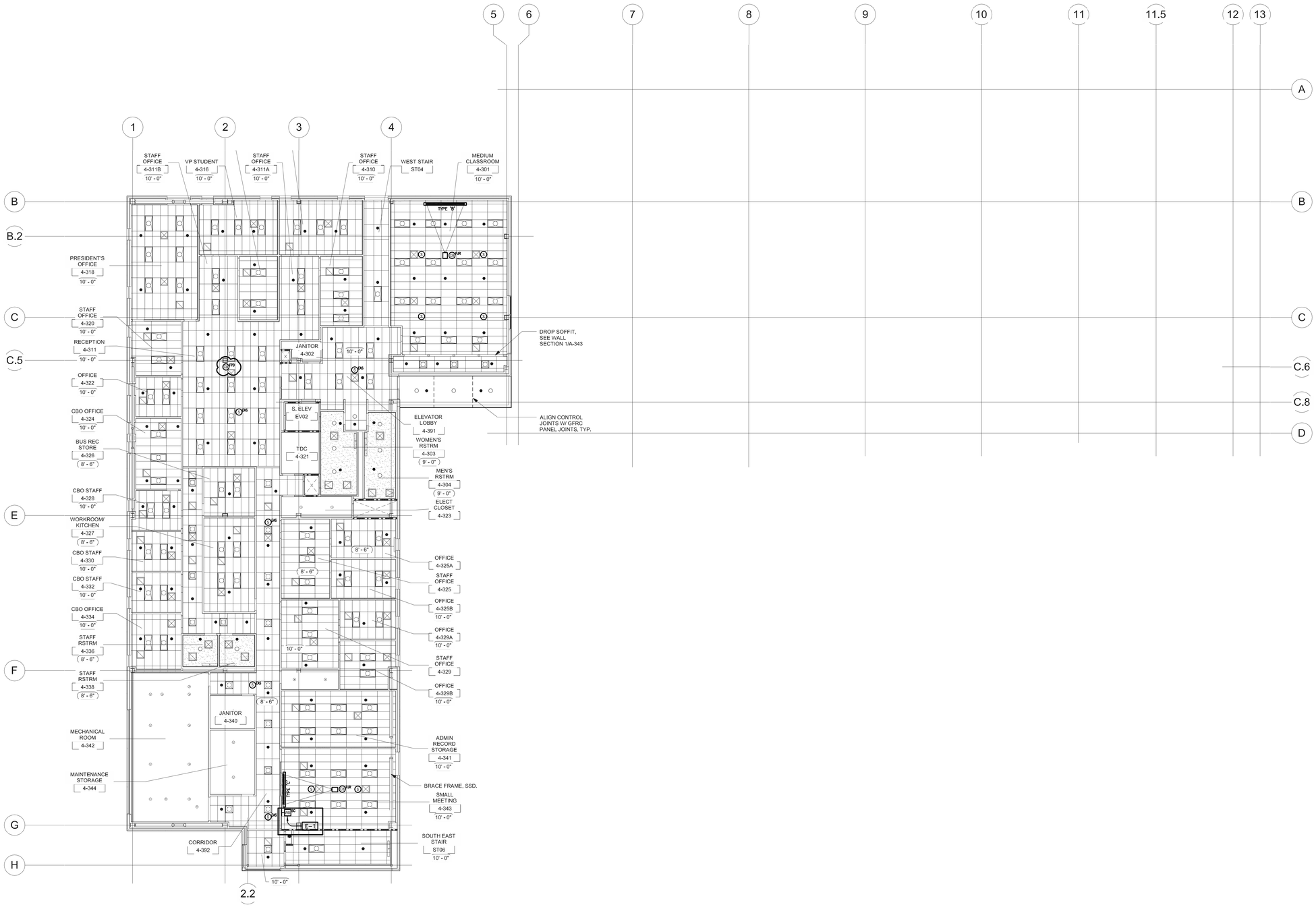
SHEET NO:

TA-202

NUMBERED SHEET NOTES

ELECTRICAL:

E-1 PROVIDE CONDUIT PATHWAY TO PROJECTION SCREEN CONTROLLER (WB PSC) SHOWN ON FLOOR PLAN, SHEET TA-103.



0 2 4 8 16 FT

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12	DSA INCREMENT #3: BACKCHECK	05/12/09
13	PROJECT RECORD SET	01/31/11

PROJECT RECORD SET

SKYLINE COLLEGE
CIP2 DESIGN-BUILD
BUILDING 4N

PROJECT NO.:
DRAWN BY: WAC
DATE: 01/31/11
CHECKED BY: APA
SCALE: 3/32" = 1'-0"

SHEET TITLE:

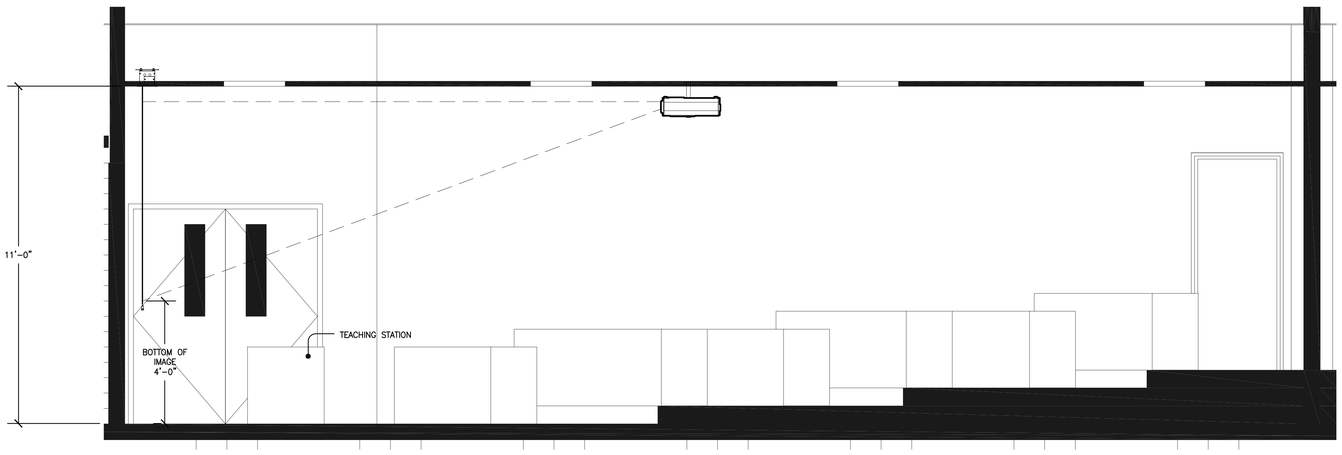
LEVEL 3
AUDIOVISUAL
OVERALL
R C P

SHEET NO:

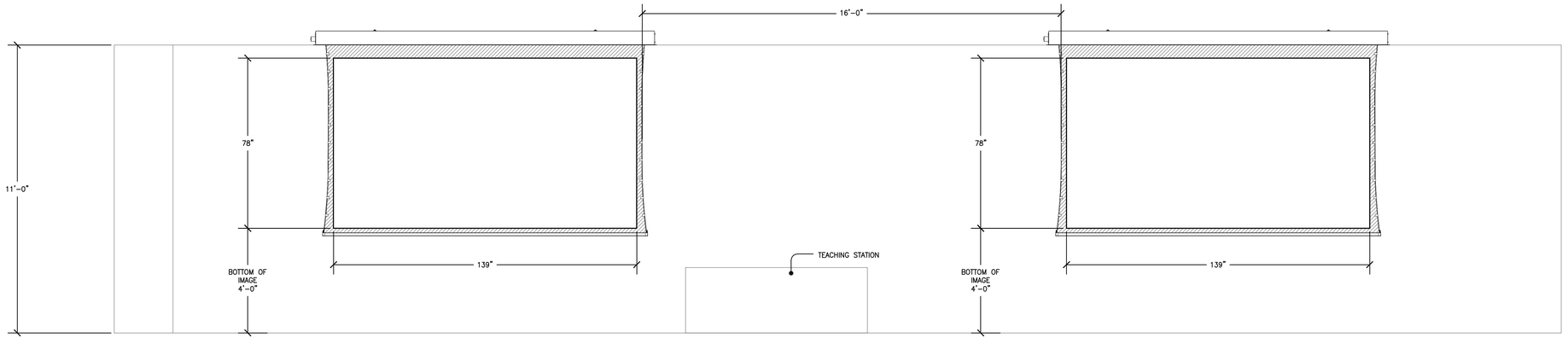
TA-203

GENERAL SHEET NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL ROOM SECTIONS AND ELEVATIONS



LARGE CLASSROOM - SECTION 1
SCALE: 1/2" = 1'-0"



LARGE CLASSROOM - SCREEN ELEVATION 2
SCALE: 1/2" = 1'-0"

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13	PROJECT RECORD SET	01/31/11

PROJECT RECORD SET

SKYLINE COLLEGE
CIP2 DESIGN-BUILD
BUILDING 4N

PROJECT NO.:
DATE: 01/31/11
SCALE: NONE
DRAWN BY: WAC
CHECKED BY: APA

SHEET TITLE:
SECTIONS AND ELEVATIONS

SHEET NO:
TA-401

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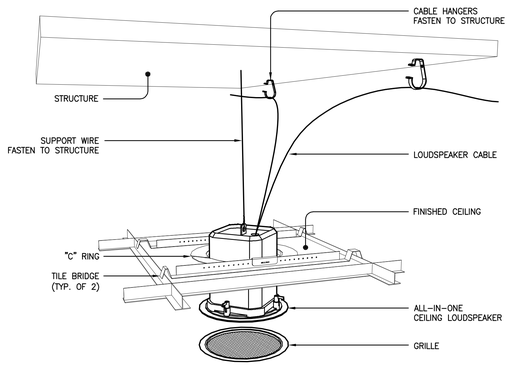
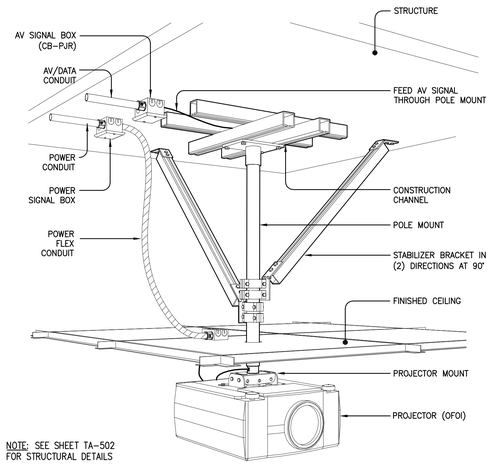


NOTE: SEE SHEET TA-502
FOR STRUCTURAL DETAILS

APPLICABLE TO SYMBOL: (S)

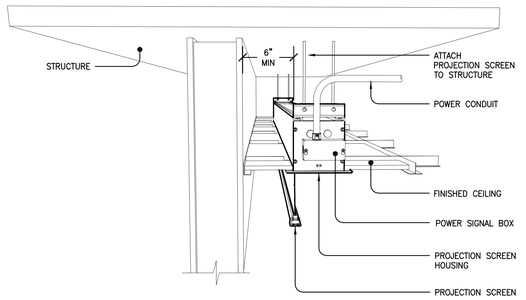
CEILING MOUNTED LOUDSPEAKER - ATC 1
SCALE: NTS



NOTE: SEE SHEET TA-502
FOR STRUCTURAL DETAILS

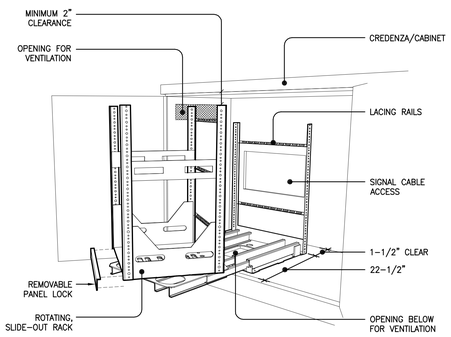
APPLICABLE TO SYMBOL: (PJR)

CEILING MOUNTED PROJECTOR 2
SCALE: NTS



APPLICABLE TO SYMBOL:

MOTORIZED PROJECTION SCREEN 3
SCALE: NTS



NOTE: INSIDE CLEAR DIMENSIONS OF CREDENZA/CABINET A MINIMUM OF 24" DEEP AND 19-1/4" WIDE. HEIGHT DIMENSION WILL DEPEND ON FINAL EQUIPMENT COUNT PLUS 4". SEE INSTALLATION MANUAL FOR SPECIFIC INFORMATION.

APPLICABLE TO SYMBOL:

SLIDE-OUT AV EQUIPMENT RACK 4
SCALE: NTS

NOTE: SEE SHEET TA-502
FOR STRUCTURAL DETAILS

APPLICABLE TO SYMBOL: (S)

CEILING MOUNTED LOUDSPEAKER - GYP 5
SCALE: NTS

NOTE: SEE SHEET TA-502
FOR STRUCTURAL DETAILS

APPLICABLE TO SYMBOL: WB FPD

WALL MOUNTED FLAT PANEL DISPLAY 6
SCALE: NTS

NOTE: FLOOR BOX AND FLOOR BOX COVER
MANUFACTURED BY FSR INC. WWW.FSRINC.COM

APPLICABLE TO SYMBOL: FB

FLOOR BOX 7
SCALE: NTS

NOTE: POKE-THRU DEVICE AND COVER
MANUFACTURED BY WIREMOLD WWW.WIREMOLD.COM/EVOLUTION

APPLICABLE TO SYMBOL: PT

POKE-THRU 8
SCALE: NTS

APPLICABLE TO SYMBOL: CB CAM WB WC WB CC

SKYTRON CAMERA 12
SCALE: NTS

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NO.	ISSUES/REVISIONS	DATE
1	100% SCHEMATIC DESIGN SUBMITTAL	04/28/08
2	50% DESIGN DEVELOPMENT SUBMITTAL	06/13/08
3	100% DESIGN DEVELOPMENT SUBMITTAL	07/28/08
4	DSA INCREMENT #1: SITE DEMOLITION, EXCAVATION, ROUGH GRADING & UTILITIES	09/25/08
5	INCREMENT 2 80% REVIEW	10/10/08
6	DSA INCREMENT #2: STRUCTURE & GFRC PANELS	11/11/08
7	DSA INCREMENT #3 50% REVIEW	11/11/08
8	DSA INCREMENT #1: BACK CHECK	11/19/08
9	DSA INCREMENT #3: 90% REVIEW	12/19/08
10	DSA INCREMENT #3: TENANT IMPROVEMENT & ROOFING SYSTEM	02/09/09
11	DSA INCREMENT #2: BACKCHECK	03/11/09
12	DSA INCREMENT #3: BACKCHECK	05/12/09
13	PROJECT RECORD SET	01/31/11

PROJECT
RECORD SET

SKYLINE COLLEGE
CIP2 DESIGN-BUILD
BUILDING 4N

PROJECT NO.:
DATE: 01/31/11
SCALE: NONE
DRAWN BY: WAC
CHECKED BY: APA

SHEET TITLE:

AUDIOVISUAL
DETAILS

SHEET NO:

TA-501

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NO.	ISSUES/REVISIONS	DATE
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12	DSA INCREMENT #3: BACKCHECK	05/12/09
13	PROJECT RECORD SET	01/31/11

PROJECT
RECORD SET

SKYLINE COLLEGE
CIP2 DESIGN-BUILD
BUILDING 4N

PROJECTOR TO STRUCTURE ANCHORAGE

SCHEDULE NOTES:
1. USE HILTI BOLT TZ ANCHORS INSTALLED IN CONCRETE WITH f'c=3000 PSI MIN (NORMAL OR LIGHT WEIGHT) AND INSTALL PER MANUFACTURERS PUBLISHED INSTRUCTIONS AND PER ESR 1917.
2. FOR INTERIOR INSTALLATIONS USE CARBON STEEL ANCHORS AND FOR EXTERIOR INSTALLATIONS USE STAINLESS STEEL ANCHORS.
3. ANCHORS MUST BE INSTALLED IN HOLES DRILLED INTO THE CONCRETE WITH CARBON TIPPED MASONRY DRILL BITS COMPLYING WITH ANSI B212.12-1994. THE NOMINAL DRILL BIT DIAMETER MUST BE EQUAL TO THAT OF THE ANCHOR AND THE DRILL HOLE MUST EXCEED THE DEPTH OF THE ANCHOR EMBEDMENT BY AT LEAST ONE ANCHOR DIAMETER TO PERMIT OVERDRILLING OF ANCHORS AND TO PROVIDE A DUST COLLECTION AREA AS REQUIRED. THE ANCHOR MUST BE HAMMERED INTO THE PREDRILLED HOLE UNTIL AT LEAST FOUR THREADS ARE BELOW FIXTURE SURFACE. THE NUT MUST BE TIGHTENED AGAINST THE WASHER UNTIL THE ABOVE LISTED TORQUE VALUES ARE ACHIEVED.
4. FOR INSTALLATION IN THE SOFFIT OF CONCRETE ON STEEL DECK ASSEMBLIES, THE HOLE DIAMETER IN THE STEEL DECK SHALL NOT EXCEED THE DIAMETER OF THE HOLE IN THE CONCRETE BY MORE THAN ¼".

REGISTERED PROFESSIONAL ENGINEER
DOUGLAS R. ROGERSON
No. 3424
Exp. 3-31-11
STRUCTURAL
STATE OF CALIFORNIA

ISAT
International Seismic Application Technology
14848 Northam Street, La Mirada, CA 90638
877-999-4728 (Toll Free) 714-523-0845 (fax)
www.isatsb.com

PROJECT: **SKYLINE - CIP2, BLDG 4**
CUSTOMER: **DECKER ELECTRIC**
REV. 2 05/13/2009
Page **S7**

CEILING MOUNTED PROJECTOR 1
SCALE: NTS

CEILING SPEAKERS TO STRUCTURE ANCHORAGE

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Page **S6**

CEILING MOUNTED LOUDSPEAKER 2
SCALE: NTS

FLAT PANEL SCREEN ANCHORAGE

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REV. 2 05/13/2009
Page **S5**

WALL MOUNTED FLAT PANEL DISPLAY 3
SCALE: NTS

PROJECT NO.:
DATE: 01/31/11
SCALE: NONE
DRAWN BY: WAC
CHECKED BY: APA

SHEET TITLE:

AUDIOVISUAL
DETAILS

SHEET NO:

TA-502

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