



State of Utah

GARY R. HERBERT
Governor

GREGORY S. BELL
Lt. Governor

Department of Administrative Services

KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management

DAVID G. BUXTON
Director

ADDENDUM NO. 2

Date: April 19, 2010

To: Contractors

From: Mike Ambre- Project Manager

Reference: Woodbury Business Building Remodel
Utah Valley University – Orem, Utah
DFCM Project No. 09171790

Subject: **Addendum No. 2**

Pages	Addendum Cover Sheet	1 page
	Revised Project Schedule	1 page
	Revised Bid Form	2 pages
	Architect's Addenda 2 and 3	<u>23 pages</u>
	Total	27 pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.

2.1 SCHEDULE CHANGES: See attached Revised Project Schedule – Completion date changed.

2.2 GENERAL ITEMS:

2.2.1 See attached Revised Bid Form – includes four additive alternates and completion date change.

2.2.2 See attached Architect's Addenda 2 and 3 dated April 19, 2010.



**MULTI-STEP PROJECT SCHEDULE – REVISED
PER ADDENDUM NO. 2 DATED APRIL 19, 2010**

PROJECT NAME: WOODBURY BUSINESS BUILDING REMODEL UTAH VALLEY UNIVERSITY – OREM, UTAH				
DFCM PROJECT NO. : 09171790				
Event	Day	Date	Time	Place
Document Available, including Plans and Specifications	Thursday	March 18, 2010	11:00 AM	DFCM 4110 State Office Building SLC, UT and DFCM web site*
Mandatory Pre-Submittal Meeting	Tuesday	March 23, 2010	8:30 AM	UVU – Woodbury Business Building (please meet in main hallway)
Last Day to Submit Questions on Shortlisting (In Writing)	Friday	March 26, 2010	4:00 PM	<i>Michael Ambre</i> – DFCM E-mail mambre@utah.gov Fax 801-538-3267
Addendum on Shortlisting	Tuesday	March 30, 2010	4:00 PM	DFCM web site*
List of References, Statement of Qualifications, Project Management Plan, and Termination/Debarment Certification Due	Thursday	April 01, 2010	12:00 NOON	DFCM 4110 State Office Building SLC, UT
Interviews by Selection Committee (if necessary)	Wednesday	April 07, 2010	10:00 AM	DFCM 4110 State Office Building SLC, UT
Short-List Announced	To Be Determined			DFCM web site*
Notice: Only Short-Listed Firms Will Be Allowed To Bid On This Project				
Last Day to Submit Questions (In Writing)	Wednesday	April 14, 2010	12:00 NOON	<i>Michael Ambre</i> – DFCM E-mail mambre@utah.gov Fax 801-538-3267
Final Addendum (exception for bid delays)	Monday	April 19, 2010	4:00 PM	DFCM web site*
Prime Contractors Turn in Bid and Bid Bond/Bid Opening in DFCM Conference Room	Wednesday	April 21, 2010	2:30 PM	DFCM 4110 State Office Building SLC, UT
Subcontractors List Due	Thursday	April 22, 2010	2:30 PM	DFCM 4110 State Office Building SLC, UT Fax 801-538-3677
Project Completion Date	Wednesday	August 18, 2010	5:00 PM	

* DFCM’s web site address is <http://dfcm.utah.gov>



**BID FORM - REVISED
PER ADDENDUM NO. 2 DATED APRIL 19, 2010**

NAME OF BIDDER _____ DATE _____

To the Division of Facilities Construction and Management
4110 State Office Building
Salt Lake City, Utah 84114

The undersigned, responsive to the "Notice to Contractors" and in accordance with the "Instructions to Bidders", in compliance with your invitation for bids for the **WOODBURY BUSINESS BUILDING REMODEL UTAH VALLEY UNIVERSITY – OREM, UTAH – DFCM PROJECT NO. 09171790** and having examined the Contract Documents and the site of the proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of labor, hereby proposes to furnish all labor, materials and supplies as required for the Work in accordance with the Contract Documents as specified and within the time set forth and at the price stated below. This price is to cover all expenses incurred in performing the Work required under the Contract Documents of which this bid is a part:

I/We acknowledge receipt of the following Addenda: _____

BASE BID: For all work shown on the Drawings and described in the specifications and Contract Documents, I/we agree to perform for the sum of:

_____ DOLLARS (\$_____)
(In case of discrepancy, written amount shall govern)

ADDITIVE ALTERNATE NO. 1: For all work shown on drawings AD1-01, AD1-11, AE1-01, and AR1-01 to provide new ceiling finishes and associated electrical and mechanical work as described in contract drawing in room "Lecture 105 and 123, I/we agree to perform for the sum of:

_____ DOLLARS (\$_____)
(In case of discrepancy, written amount shall govern)

ADDITIVE ALTERNATE NO. 2: For all work shown on drawings AD1-01, AE1-01, AE4-01, and AE5-11 to provide new casework for smart lecterns in rooms 105, 123, and 126 to match new casework for smart lectern in room 125 (existing casework to be salvaged and returned to owner), I/we agree to perform for the sum of:

_____ DOLLARS (\$_____)
(In case of discrepancy, written amount shall govern)

ADDITIVE ALTERNATE NO. 3: For all work shown on drawings AD1-02, AD1-12, AE1-02, and AR1-02 to provide new carpet, base, paint, ceiling, and lighting in academic advisor's offices rooms 257A – 257G, I/we agree to perform for the sum of:

_____ DOLLARS (\$_____)
(In case of discrepancy, written amount shall govern)

ADDITIVE ALTERNATE NO. 4: For all work shown on drawings AE1-01, AE1-02, and AE6-01 to provide new carpet tile and coved rubber base in corridors 101J, 101K, 101L, 200A, 200B, 200C, 200D, 200E, 200F, 200G, and 200H, I/we agree to perform for the sum of:

_____ DOLLARS (\$_____)
(In case of discrepancy, written amount shall govern)

I/We guarantee that the Work will be Substantially Complete by **August 18, 2010** should I/we be the successful bidder, and agree to pay liquidated damages in the amount of **\$200.00** per day for each day after expiration of the Contract Time as stated in Article 3 of the Contractor's Agreement.

This bid shall be good for 45 days after bid opening.

Enclosed is a 5% bid bond, as required, in the sum of _____

The undersigned Contractor's License Number for Utah is _____.

Upon receipt of notice of award of this bid, the undersigned agrees to execute the contract within ten (10) days, unless a shorter time is specified in the Contract Documents, and deliver acceptable Performance and Payment bonds in the prescribed form in the amount of 100% of the Contract Sum for faithful performance of the contract.

The Bid Bond attached, in the amount not less than five percent (5%) of the above bid sum, shall become the property of the Division of Facilities Construction and Management as liquidated damages for delay and additional expense caused thereby in the event that the contract is not executed and/or acceptable 100% Performance and Payment bonds are not delivered within the time set forth.

Type of Organization: _____ (Corporation, Partnership, Individual, etc.)

Any request and information related to Utah Preference Laws: _____

Respectfully submitted,

Name of Bidder

ADDRESS:

Authorized Signature

MJSA

357 West Pierpont Avenue Salt Lake City Utah 84101
Telephone 801 364 5161 Facsimile 801 364 5167

ARCHITECTURE

INTERIOR DESIGN

LETTER OF TRANSMITTAL

To: DFCM
4110 State Office Building
Salt Lake City, Utah 84114
Phone: (801) 538-3018
Attention: Mike Ambre

Date: 4-19-10
Project Name: UVU Woodbury Business Building Remodel
Client Project Number: 09171790
MJSA Project Number: 09031

We are sending to you:
Attached: XX
Under separate Cover:
The following item via:

Copies	Date	File Number	Description
2	04-19-10		Addendum #2

Remarks:

For your use.

Thank you,

From: _____
Derrick Larm

Copies to: Project File - 09031

Date: April 19, 2010
Project: **UVU – WOODBURY SCHOOL OF BUSINESS REMODEL**
800 West University Parkway
Orem, Utah 84058

ADDENDUM #02 to the “Construction Documents”

Prepared by:
MJSA Architects
357 West Pierpont Avenue
Salt Lake City, Utah 84101
and issued on April 19, 2010

This Addendum, issued on April 19, 2010, is for all persons preparing Bids for the above named project; and, as such, shall be made a part of the Contract Documents. Changes, corrections, and deletions enumerated herein shall be included in the Bidder’s Proposal. In case of any conflict between the drawings, specifications, and this addendum, this addendum shall govern.

GENERAL REVISIONS

- 02.01 **Change:** The date of Substantial Completion to Wednesday, August 18, 2010.
- 02.02 **Prior Approval Request:** Add Aquatherm Pipe to List of Manufacturers.
Response: Aquatherm Pipe will not be added to the list of manufacturers. There is no domestic water, heating or cooling water piping required for this project. The only piping required for this project is fire protection piping and the Aquatherm piping is not acceptable for fire sprinkler piping systems.
- 02.03 **Clarification:** AV equipment purchase and install is not to be included in the bid, see general note #19 on sheet AG0-01. Notes pertaining to AV equipment on architectural sheets AE5-11, AI2-01, AI2-02, and AR5-01 have been modified to clarify this scope.

REVISIONS TO THE SPECIFICATIONS:

- 02.04 **Specification Section: 10101 Visual Display Surfaces.**
Prior Approval Request: Add Newline to List of Manufacturers.
Response: The list of manufactures has not been limited to the manufacturers listed under Section 10101 Paragraph 2.2 A.1. As such, subject to compliance with requirements as specified in section 10101, Newline Products may be considered for the Visual Display surfaces.

REVISIONS TO THE DRAWINGS:

- 02.05 **SHEET COVER**
Change: AV Equipment sheets TA-01, TA5-01, and TA6-01 have been noted as “FOR REFERENCE ONLY”.
- 02.06 **SHEET AE4-01 Enlarged Plan “B2”**
Removed: The Call out and note for the Custom Stainless Steel Bench. These custom stainless steel benches were removed from the scope.

02.07 **SHEETS AI2-01, AI2-02, AI2-03**

Change: Notes pertaining to “Primex” clocks modified to clarify electrical/battery requirements.

Mechanical:

02.08 **PRIOR APPROVALS:** The following manufacturers, vendors, etc., are noted in compliance with the “Instructions to Bidders”.

Furnish only equipment and materials from among those listed in the specifications or in this prior approval list. Any furnished item shall comply with the criteria and character of the basic specification, fully adapted to the actual project conditions. Costs of accommodating equipment which varies from that indicated shall be the responsibility of the Contractor.

These items shall be reflected in the bid breakdown form as indicated.

<u>Section</u>	<u>Product</u>	<u>Manufacturer</u>
15910	Balance Dampers	Leader
15940	Grilles and Diffusers	Tuttle & Bailey

Electrical:

02.09 **ELECTRICAL DRAWINGS AND PRIOR APPROVALS**

See attached Addendum #2 from electrical engineer.

END OF ADDENDUM #02



SPECTRUM
ENGINEERS

Addendum #02

Job: UVU Woodbury School of Business Remodel
Job Number: 20090446
Date: April 16, 2010

DISCIPLINES

Mechanical Engineering
Electrical Engineering
Technology Design
Acoustical Engineering
Lighting Design
Theatre Design
Fire Protection Engineering
Building Commissioning

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fax: 480-621-3445

ST. GEORGE

2195 W. Stonebridge Dr.
St. George, UT 84770
phone: 435-656-2429
fax: 435-656-2519

www.spectrum-engineers.com
800-678-7077

ELECTRICAL – DIV 16

DRAWINGS

SHEET - EL101

1. Circuit (TH-50) track with (TX-2a) and (TX-2b) fixtures.

SHEET - EL601

1. Detail D2: Rename to "Financial Lab 125 Lighting Control Schematic."

SHEET - EL602

1. TH-51: Change voltage to 120V.
2. TX-2a: Change length to 3', lamps to 3-MR16 and Watts to 150W.
3. Add dimming schedules for DMA, DMB, DMC and DMD. See sheet for details.

SHEET - EJ101

1. In Financial Lab 125 relocate the WLDCLK and STCKTKR as indicated on attached sheet.
2. Add 'TP' as indicated on the attached sheet.

SHEET - EJ601

1. The rough-in box for 'TP' will be furnished by the AV installer and installed by the electrical installer. Provide a 1" conduit from TP to the accessible ceiling. Mount at electrical switch height.
2. The AV systems indicated on the TA sheets are to be provided by the owner. The Rough-in and for the AV systems as indicated on the EJ sheets is to be provided by the electrical installer. Coordinate all rough-in for AV systems with UVU Media Services personnel.

SHEET - ET101

1. Add ceiling mounted data jacks in Financial Lab 125 and Computer Lab 111 as indicated on the attached sheet.

SHEET - TA0-01, TA5-01, TA6-01

1. All AV for this project will be provided by UVU personnel. AV system are not to be installed under the general contract. TA sheets are included for coordination purposes only.

PRIOR APPROVALS

Approval of equipment from catalog information indicated brand name and general characteristics are acceptable to the Engineer, but does not relieve the Contractor of the responsibility of providing equipment and accessories as specified unless specific mention of departments from specifications was made in the submittal and acknowledged in writing by the Engineer. Quantities and dimensions are not checked. We are retaining one set of submittal data for our files.



SPECTRUM
ENGINEERS

<u>SECTION</u>	<u>ITEM</u>	<u>MANUFACTURER</u>	<u>COMMENT</u>
16511	DF-13	PORTFOLIO - C6043-EDR26-6051LI	
	DF-13	PRESCOLITE - LF6CFV32EB-MW26-6CFV	
	DF-13w	PORTFOLIO - C6043-EDR26-60111LI	
	DF-13w	PRESCOLITE - LF6CFV32EB-MW26-6CFV-WW	
	ET	DUALITE - ATSD20	
	TH-50	HALO - L65X-COMP-120V	
	TH-50	PRESCOLITE - AKT4-WH (WITH CONN. AS REQ'D)	
	TH-51	HALO - L763P	
	TH-51	PRESCOLITE - AKTFCP30	
	TX-1a	PINNACLE - E4A-1T8-4'-G?-UNV-W	
	TX-1A	AXIS - BBR-S-RG-4T8-1-X-W-UNV-E-1-TB-C-.71BF	
	TX-1b	PINNACLE - E4A-1T8-2'-G?-UNV-W	
	TX-1b	AXIS - BBR-S-RG-2T8-1-X-W-UNV-E-1-TB-C-.71BF	
	TX-2a	PINNACLE - E4A-(3)MR16-3'-G?120V-W	
	TX-2a	AXIS - BBR-S-RG-3-X-0-0-M3-W-E-+M-TB	
	TX-2b	PINNACLE - E4A-(2)MR16-2'-G?-120V-W	
	TX-2b	AXIS - BBR-S-RG-2-X-0-0-M2-W-E-+M-TB	
	TX-3	PINNACLE - EX4B-A-O-T8-1-4'-AC48??-UNV-1C-W	
	TX-3	AXIS - BB-S-FL-4T8-0-1-W-UNV-E-1-CAX-C-.71BF	

END OF ADDENDUM #02

DISCIPLINES

Mechanical Engineering
Electrical Engineering
Technology Design
Acoustical Engineering
Lighting Design
Theatre Design
Fire Protection Engineering
Building Commissioning

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800-678-7077

UVU Woodbury School of Business Remodel

800 West University Parkway
Orem, UT 84058

CONSTRUCTION DOCUMENTS 100%

DFCM Project #: 09171790

FEBRUARY 16, 2010

DEFERRED SUBMITTALS

THE CONTRACTOR IS TO SUBMIT THE FOLLOWING TO THE BUILDING OFFICIAL FOR REVIEW WITH AN ACCOMPANIED LETTER FROM THE ARCHITECT STATING THAT THE CONTENTS OF THE SUBMITTAL ARE IN CONFORMANCE WITH THE DESIGN. WORK RELATED TO THE DEFERRED SUBMITTAL IS NOT TO COMMENCE UNTIL THE BUILDING OFFICIAL HAS APPROVED THE SUBMITTAL. THESE DATES ARE SUBJECT TO CHANGE TO ACCOMMODATE THE CONSTRUCTION SCHEDULE.

- ALL EVALUATION REPORTS AND LISTINGS FOR ALL:
 - FIRE RATED WALL ASSEMBLIES
 - THROUGH PENETRATION FIRESTOP SYSTEMS
- DETAILS AND ENGINEERING CALCULATIONS FOR ALL NONSTRUCTURAL COMPONENTS THAT ARE PERMANENTLY ATTACHED TO STRUCTURES AND THEIR SUPPORTS AND ATTACHMENTS. THESE SHALL BE DESIGNED AND CONSTRUCTED TO RESIST THE EFFECTS OF EARTHQUAKE MOTIONS IN ACCORDANCE WITH ASCE 7-05. REFERENCE IBC SECTION 1613.1. THIS INCLUDES:
 - SUSPENDED CEILINGS
 - ELECTRICAL SYSTEMS
 - MECHANICAL SYSTEMS
 - PLUMBING SYSTEMS
 - DECORATIVE ARCHITECTURAL COMPONENTS.
- ICC EVALUATION REPORT FOR:
 - SEISMIC CLIP FOR THE CEILING GRID. NOTE ON THE SPECIAL INSPECTION SHEET IF THE REPORT REQUIRES SPECIAL INSPECTION. THESE INSPECTIONS CAN BE MADE BY THE BUILDING INSPECTOR ON A REGULAR INSPECTION.

THE CONTRACTOR IS TO SUBMIT THE FOLLOWING TO THE STATE FIRE MARSHAL FOR THEIR REVIEW WITH AN ACCOMPANIED LETTER FROM THE ARCHITECT STATING THAT THE CONTENTS OF THE SUBMITTAL ARE IN CONFORMANCE WITH THE DESIGN. WORK RELATED TO THE DEFERRED SUBMITTAL IS NOT TO COMMENCE UNTIL THE STATE FIRE MARSHAL HAS APPROVED THE SUBMITTAL. THESE DATES ARE SUBJECT TO CHANGE TO ACCOMMODATE THE CONSTRUCTION SCHEDULE.

- FIRE ALARM PLANS
- AUTOMATIC FIRE SPRINKLER PLANS

APPROVALS

Woodbury School of Business	DATE
DFCM	DATE



State of Utah—Department of Administrative Services
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT
4110 State Office Building/Salt Lake City, Utah 84114/538-3018

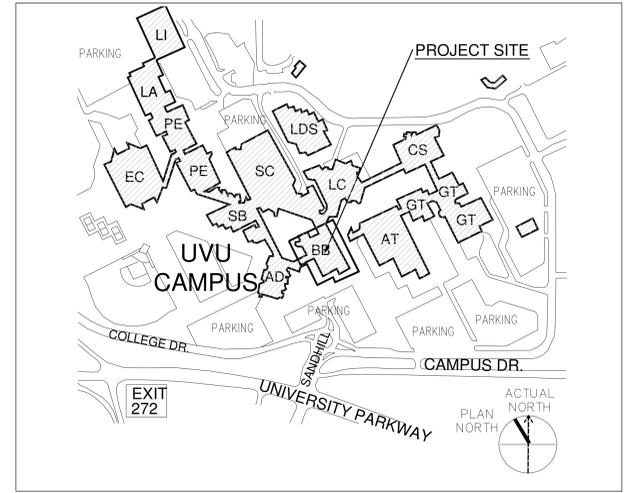
Owner
DFCM
4110 State Office Building
Salt Lake City, Utah 84114
801-538-3018
801-538-3267 (FAX)

INDEX OF DRAWINGS

<p>ARCHITECTURAL</p> <p>AG00-00 COVER AG00-01 GENERAL INFORMATION AND DESIGN DATA AG1-00 SITE PLAN AG1-01 EGRESS PLANS</p> <p>AD1-01 LEVEL ONE DEMOLITION PLAN AD1-02 LEVEL TWO DEMOLITION PLAN AD1-11 LEVEL ONE REFLECTED CEILING DEMOLITION PLAN AD1-12 LEVEL TWO REFLECTED CEILING DEMOLITION PLAN</p> <p>AE1-01 LEVEL ONE FLOOR PLAN AE1-02 LEVEL TWO FLOOR PLAN</p> <p>AE4-01 ENLARGED PLANS AE4-11 WALL TYPES</p> <p>AE5-01 DETAILS AE5-11 DETAILS AE5-12 DETAILS</p> <p>AE6-01 SCHEDULES</p> <p>Ai2-01 INTERIOR ELEVATIONS Ai2-02 INTERIOR ELEVATIONS Ai2-03 INTERIOR ELEVATIONS Ai2-11 INTERIOR ELEVATIONS</p> <p>AR1-01 LEVEL ONE REFLECTED CEILING PLAN AR1-02 LEVEL TWO REFLECTED CEILING PLAN</p> <p>ARS-01 CEILING DETAILS</p>	<p>MECHANICAL</p> <p>M-001 MECHANICAL EQUIPMENT SCHEDULES</p> <p>MD101 LEVEL ONE MECHANICAL DEMOLITION PLAN MD102 LEVEL TWO MECHANICAL DEMOLITION PLAN</p> <p>MH101 LEVEL ONE MECHANICAL REMODEL PLAN MD102 LEVEL TWO MECHANICAL REMODEL PLAN</p> <p>MH501 MECHANICAL DETAILS</p> <p>FIRE PROTECTION</p> <p>FP101 LEVEL ONE FIRE PROTECTION REMODEL PLAN FP102 LEVEL TWO FIRE PROTECTION REMODEL PLAN</p>	<p>ELECTRICAL</p> <p>EE0-01 SHEET INDEX, SYMBOL LEGEND, GENERAL NOTES</p> <p>EES-01 DETAILS EES-02 DETAILS EE7-01 TYPICAL MOUNTING HEIGHT DETAILS</p> <p>ED1-01 LEVEL ONE POWER DEMOLITION PLAN ED1-02 LEVEL TWO POWER DEMOLITION PLAN ED1-03 LEVEL ONE LIGHTING DEMOLITION PLAN ED1-04 LEVEL TWO LIGHTING DEMOLITION PLAN</p> <p>EP1-01 LEVEL ONE POWER PLAN EP1-02 LEVEL TWO POWER PLAN</p> <p>EP6-01 ONE-LINE DIAGRAM</p> <p>EL1-01 LEVEL ONE LIGHTING PLAN EL1-02 LEVEL TWO LIGHTING PLAN</p> <p>EL6-01 LIGHTING CONTROL, SCHEMATICS EL6-02 LIGHTING FIXTURE SCHEDULE</p> <p>ET1-01 LEVEL ONE TELECOMMUNICATIONS PLAN ET1-02 LEVEL TWO TELECOMMUNICATIONS PLAN</p> <p>ET6-01 VOICE-DATA ROUGH-IN SCHEDULE AND RISER DIAGRAM</p> <p>EJ1-01 LEVEL ONE AV PLAN</p> <p>EJ6-01 AV ROUGH-IN SCHEDULES, DETAILS AND RISER DIAGRAMS</p> <p>FA1-01 LEVEL ONE FIRE ALARM PLAN FA1-02 LEVEL TWO FIRE ALARM PLAN</p> <p>FA6-01 FIRE ALARM RISER, SCHEDULES, AND NOTES</p> <p>TA0-01 AV SHEET INDEX, EQUIPMENT LIST, AND NOTES TA6-01 AV DETAILS TA6-01 AV SINGLE LINE DIAGRAMS TT5-01 VOICE-DATA DETAILS TT6-01 VOICE-DATA SCHEDULE AND RISER DIAGRAMS</p>
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Addendum #2 4-19-10
THESE SHEETS ARE INCLUDED FOR REFERENCE ONLY. SEE GENERAL NOTE #19 ON SHEET AG00-01

VICINITY PLAN



MJSA

357 West Pierpont Avenue □ Salt Lake City, Utah 84101
Telephone 801 364 5161 □ Facsimile 801 364 5167
ARCHITECTURE INTERIOR DESIGN

Architect
MJSA ARCHITECTS
357 West Pierpont Avenue
Salt Lake City, Utah 84101
801-364-5161
801-364-5167 (FAX)

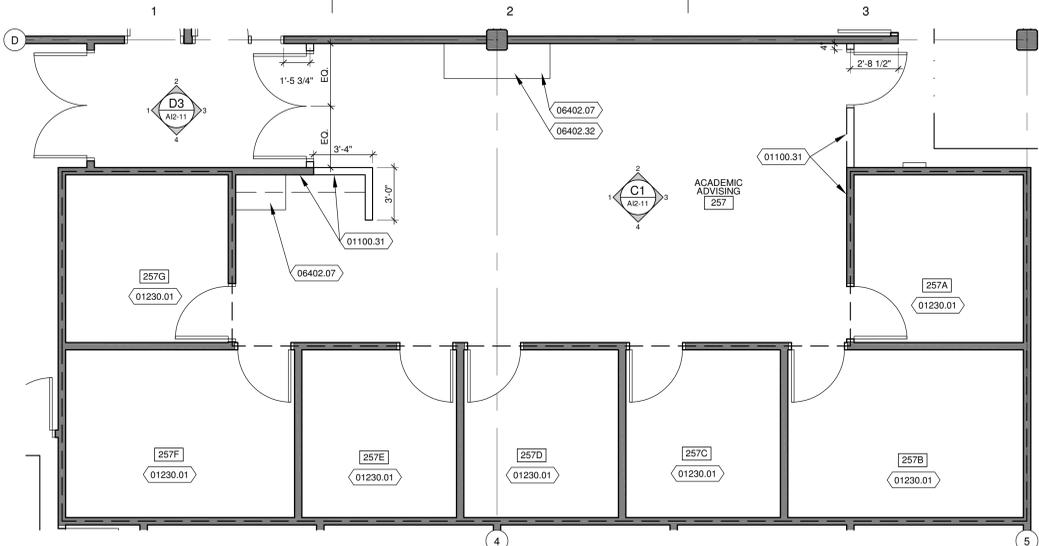


Mechanical Engineer
HEATH ENGINEERING COMPANY
377 West 900 North
Salt Lake City, Utah 84103
801-322-0487
801-322-0490 (FAX)

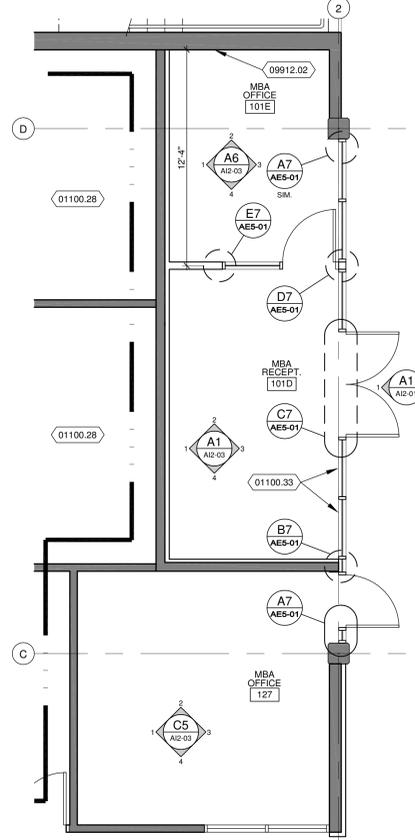


Electrical Engineer
SPECTRUM ENGINEERS
324 S State St
Salt Lake City, UT 84111
801-328-5151
801-328-5155 (FAX)

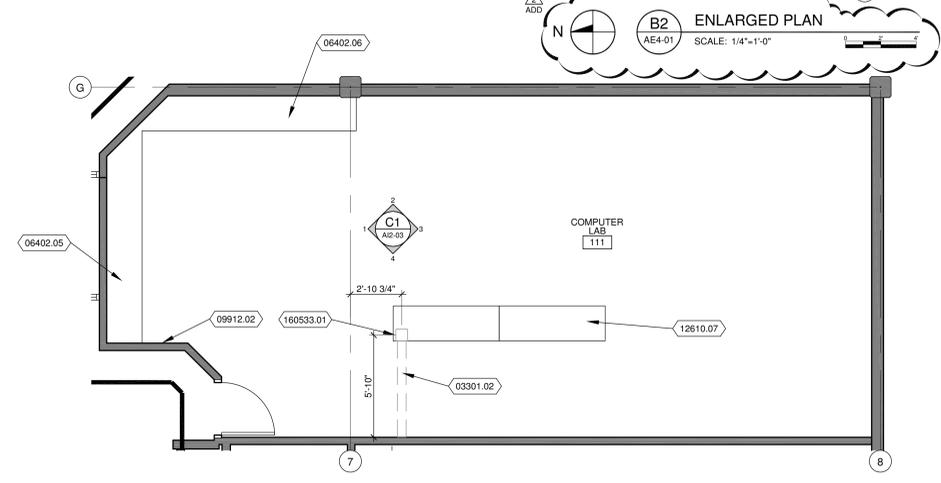




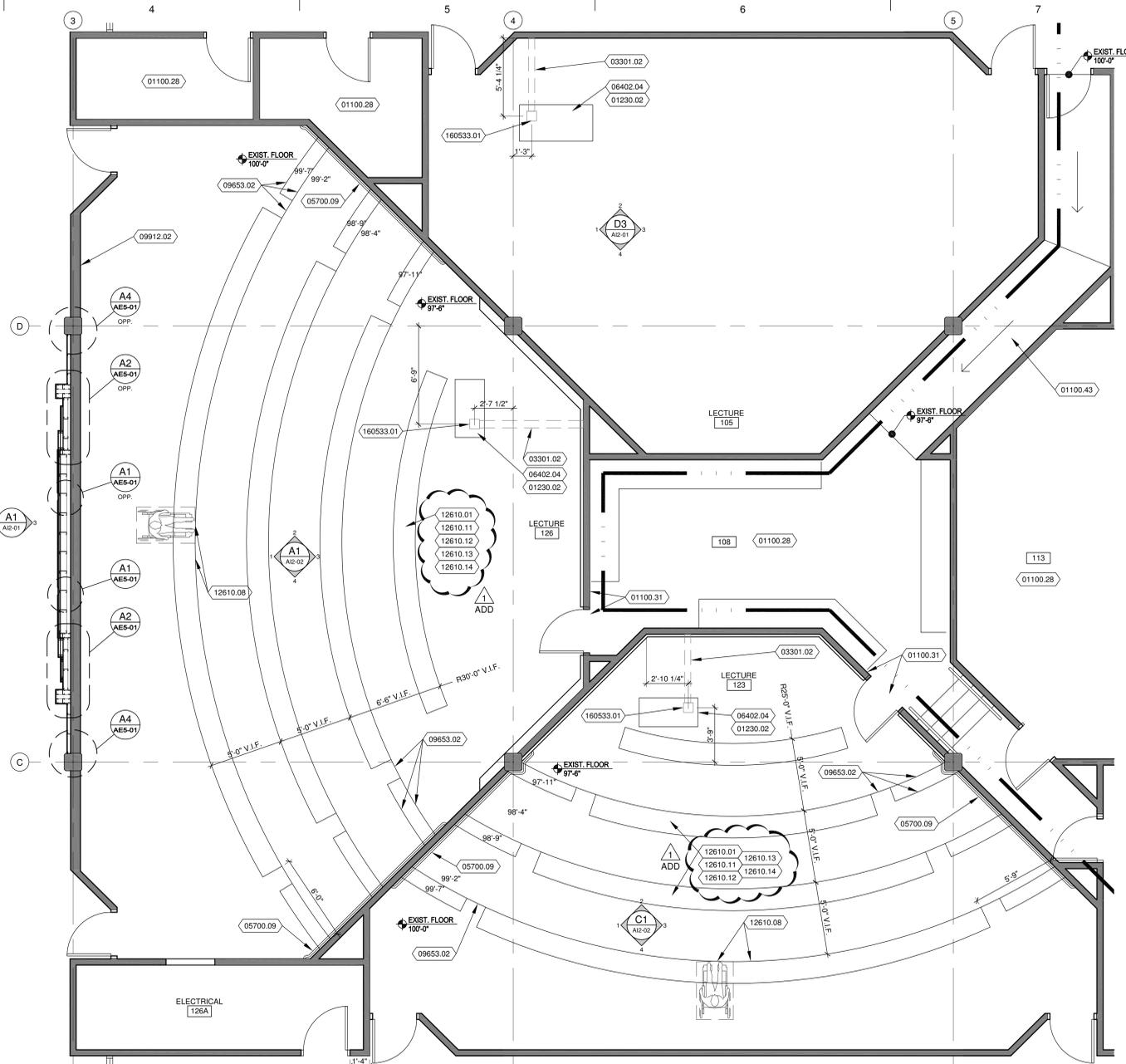
E1 ENLARGED PLAN
AE4-01 SCALE: 1/4"=1'-0"



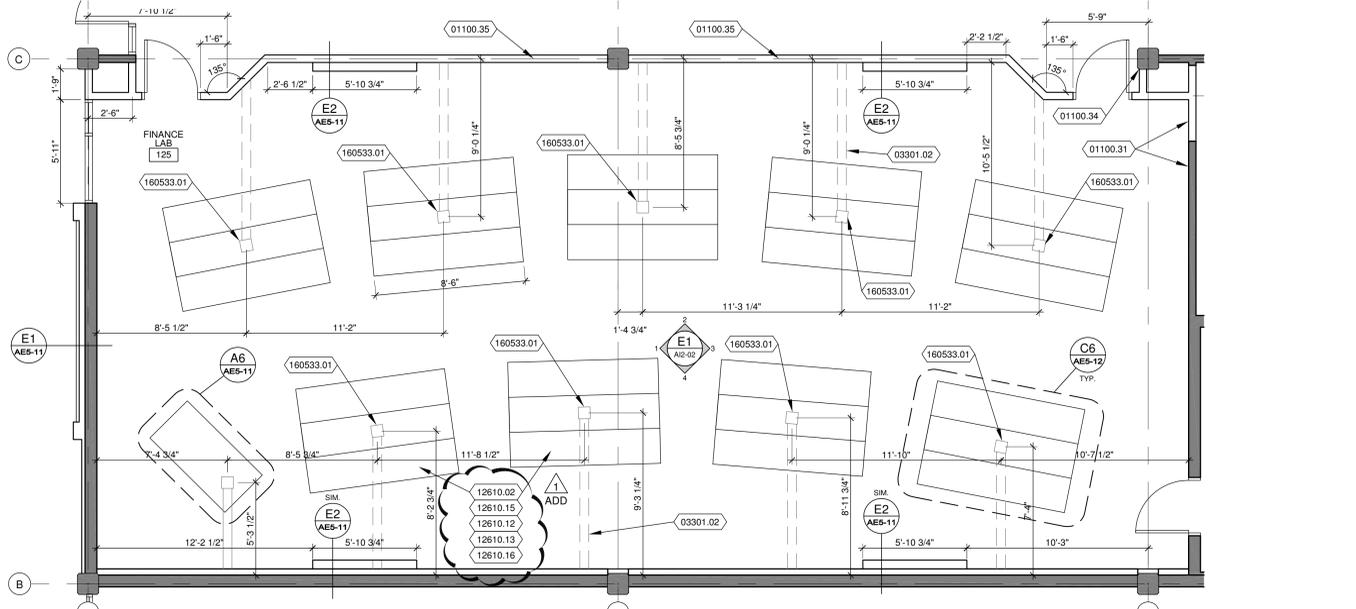
B2 ENLARGED PLAN
AE4-01 SCALE: 1/4"=1'-0"



A1 ENLARGED PLAN
AE4-01 SCALE: 1/4"=1'-0"

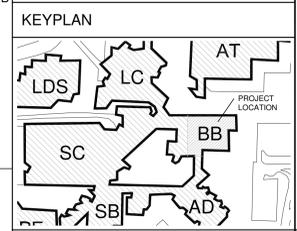


C4 ENLARGED PLAN
AE4-01 SCALE: 1/4"=1'-0"



A4 ENLARGED PLAN
AE4-01 SCALE: 1/4"=1'-0"

- REFERENCE NOTES**
- 01100.28 THIS SPACE IS NOT INCLUDED IN THE SCOPE OF WORK
 - 01100.31 ALIGN
 - 01100.33 ALIGN WITH GRIDLINE
 - 01100.34 ALIGN FACE OF WALL WITH EDGE OF CHAMFERED CORNER OF CONCRETE COLUMN
 - 01100.35 CENTER WALL ON GRIDLINE
 - 01100.43 EXISTING RAMP, NOT WITHIN PROJECT SCOPE
 - 01230.01 ALT. #3 - NEW FINISHES ACADEMIC ADVISOR'S OFFICES, SEE FINISH SCHEDULE
 - 01230.02 ALT. #2 - NEW CASEWORK FOR SMART LECTERNS, RETURN EXISTING CASEWORK TO OWNER
 - 03301.02 FILL TRENCH WITH CONCRETE AFTER INSTALLATION OF CONDUIT
 - 05700.09 1-1/2" DIA. STAINLESS STEEL HANDRAIL
 - 06402.04 SMART LECTERN, REINSTALL SALVAGED LECTURN CASEWORK, SEE ALT. #2
 - 06402.05 CABINETS FOR 30" COUNTERTOP HEIGHT
 - 06402.06 30" HIGH COUNTERTOP
 - 06402.07 CABINETS FOR 34" COUNTERTOP HEIGHT
 - 06402.32 34" HIGH COUNTERTOP
 - 09653.02 ROPPE #11 SINGLE FLANGE CARPET STAIR NOSING AT ALL STAIR AND PLATFORM TRANSITIONS, TYP.
 - 09912.02 LOW SHEEN, BREATHABLE MASONRY SEALANT TO BE APPLIED TO EXISTING BRICK, TYP. ALL EXPOSED BRICK WITHIN PROJECT SCOPE
 - 12610.01 FIXED LECTURE HALL STYLE TABLE WITH INTEGRATED ELECTRICAL OUTLETS, CUSTOM
 - 12610.02 FIXED COMPUTER LAB DESK WITH INTEGRATED ELECTRICAL AND DATA WITH HEIGHT ADJUSTABLE MONITOR SURFACE, CUSTOM
 - 12610.07 FIXED COMPUTER LAB DESK WITH INTEGRATED ELECTRICAL AND DATA (N.I.C.)
 - 12610.08 OMIT PRIVACY PANEL AT THIS LOCATION FOR WHEELCHAIR ACCESS
 - 12610.11 WILSONART "LODEN ZEPHYR 4844-60" LAMINATE TOP
 - 12610.12 BLACK EDGE BANDING
 - 12610.13 ESPRESSO METALLIC PAINTED FINISH ON LEGS AND PRIVACY PANEL
 - 12610.14 PERFORATED METAL PRIVACY PANELS
 - 12610.15 WILSONART "KENSINGTON MAPLE 10776-60" LAMINATE TOP
 - 12610.16 ESPRESSO METALLIC PAINTED FINISH ON LEGS AND CABLE RACEWAYS
 - 160533.01 FLOOR BOX, COORDINATE LOCATION WITH FINAL DESIGN OF FIXED COMPUTER LAB DESK/SMART LECTERN

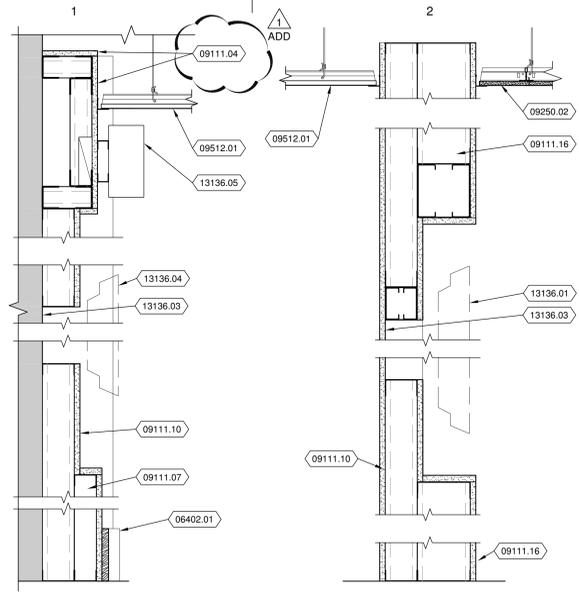


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2/16/10

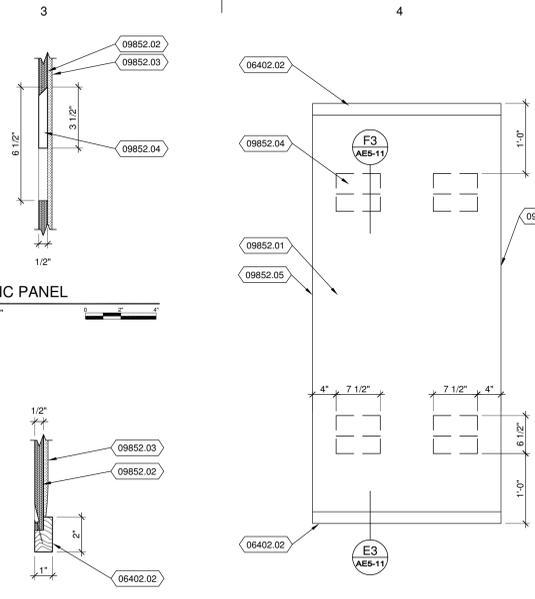
LEVEL ONE ENLARGED PLANS
SCALE: AS NOTED

090002 - 100 Woodbury School of Business Remodel - 090002.dwg, 2/16/10, 2/16/10
 F
 E
 D
 C
 B
 A



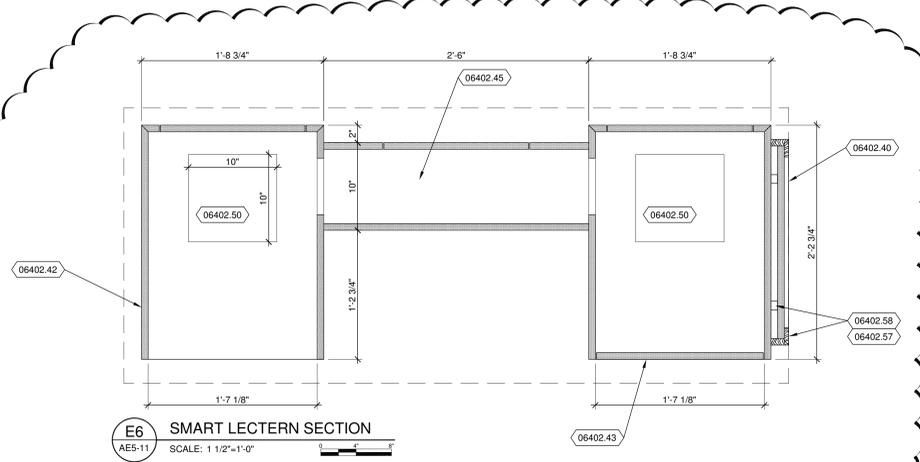
E1 WALL SECTION AT MONITOR
 AE5-11 SCALE: 1 1/2"=1'-0"

E2 WALL SECTION AT MONITOR
 AE5-11 SCALE: 1 1/2"=1'-0"

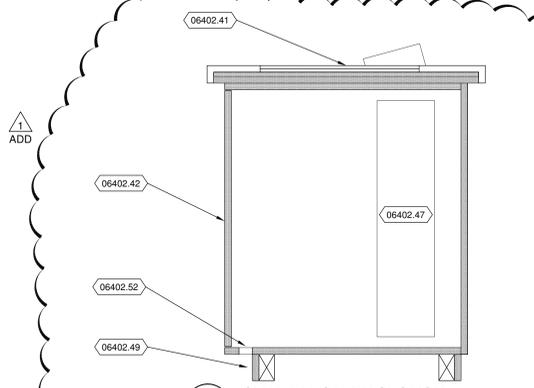


E3 ACOUSTIC PANEL
 AE5-11 SCALE: 3"=1'-0"

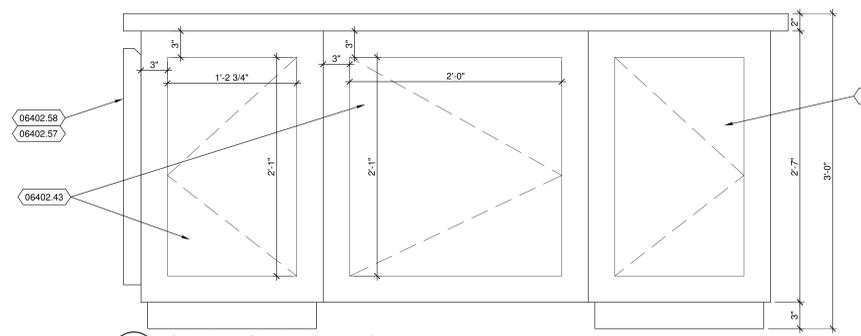
E4 ACOUSTIC PANEL
 AE5-11 SCALE: 1"=1'-0"



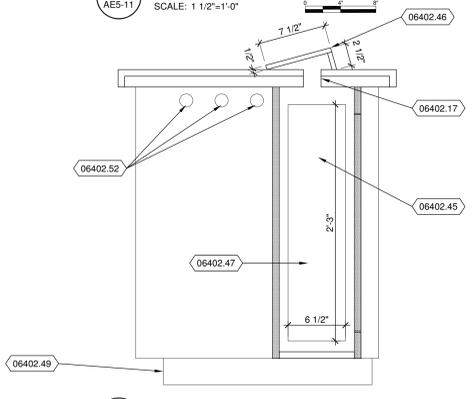
E6 SMART LECTERN SECTION
 AE5-11 SCALE: 1 1/2"=1'-0"



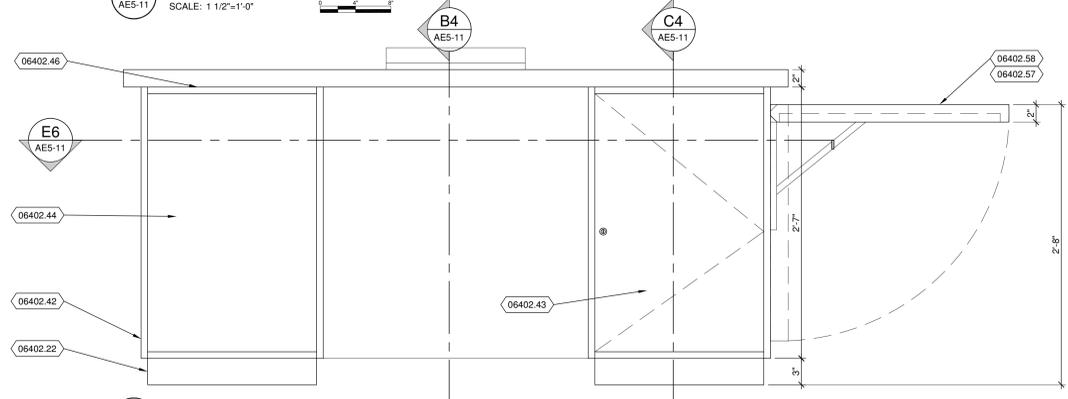
C4 SMART LECTERN SECTION
 AE5-11 SCALE: 1 1/2"=1'-0"



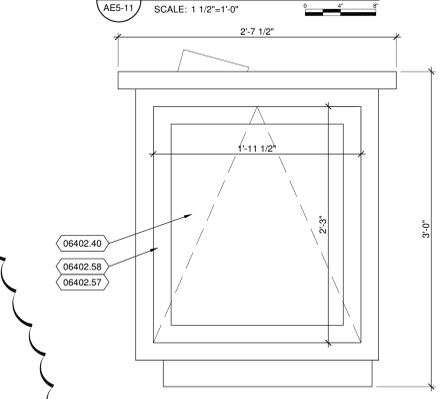
C6 SMART LECTERN ELEVATION
 AE5-11 SCALE: 1 1/2"=1'-0"



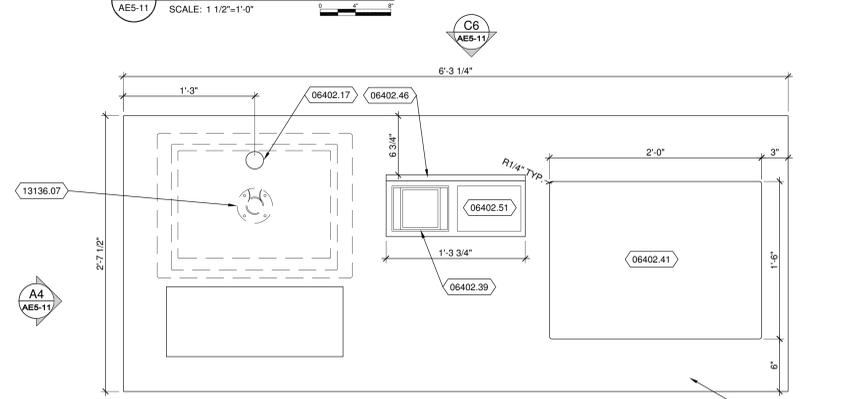
B4 SMART LECTERN SECTION
 AE5-11 SCALE: 1 1/2"=1'-0"



B6 SMART LECTERN ELEVATION
 AE5-11 SCALE: 1 1/2"=1'-0"

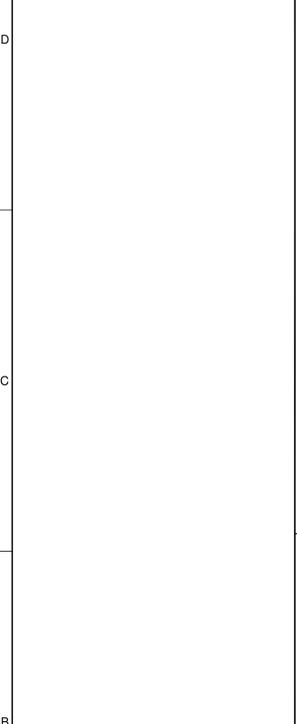


A4 SMART LECTERN ELEVATION
 AE5-11 SCALE: 1 1/2"=1'-0"



A6 SMART LECTERN PLAN
 AE5-11 SCALE: 1 1/2"=1'-0"

REFERENCE NOTES	
06402.01	6" WOOD BASE, PAINTED
06402.02	2" WOOD TRIM, PAINTED
06402.17	2" GROMMET
06402.22	1x4 WOOD TRIM
06402.39	TOUCH SCREEN, COORDINATE SIZE WITH AV DRAWINGS
06402.40	SOLID SURFACE COUNTERTOP
06402.41	WHITE BACKPAINTED GLASS, FLUSH WITH COUNTERTOP, MATTE FINISH ON GLASS
06402.42	RIFF CUT OAK VENEERED CABINET, STAIN TO MATCH ARCHITECTS SAMPLE
06402.43	RIFF CUT OAK VENEERED CABINET DOOR WITH FULL INSET HINGES
06402.44	OPEN TO RACK MOUNT INSIDE CABINET, COORDINATE WITH EQUIPMENT 1/4" BLACK LAMINATE PANELS TO COVER EMPTY SPACES IN RACK
06402.45	WIRE CHASE WITH LOCKING ACCESS DOOR, HINGES TO BE FULL INSET
06402.46	SOLID SURFACE TOUCH SCREEN BASE TO MATCH COUNTERTOP
06402.47	OPEN TO WIRE CHASE
06402.49	1x4 WOOD TOE KICK, PAINTED BLACK
06402.50	OPEN TO FLOOR BOX
06402.51	3-GANG PATCH PANEL, COORDINATE WITH AV DRAWINGS
06402.52	1-1/2" DIA. HOLE
06402.57	RIFF CUT OAK SOLID WOOD
06402.58	ADA ACCESSIBLE TEACHING SURFACE, SUPPLY HARDWARE TO STORE SURFACE IN DOWN POSITION AND SWING UP INTO LOCKING POSITION
09111.04	5/8" TYPE 'X' GYP BOARD
09111.07	2-1/2" METAL STUD FURRING
09111.10	3-5/8" STEEL STUDS WITH 5/8" GYP BOARD
09111.16	6" STEEL STUDS WITH 5/8" GYP BOARD
09250.02	GYP. BD. SOFFIT, PAINTED
09512.01	2x2 ACOUSTIC CLNG. SYSTEM
09852.01	FABRIC WRAPPED ACOUSTIC WALL PANEL
09852.02	1/2" AC PLYWOOD
09852.03	FABRIC AND BATTING
09852.04	HARDWOOD CLEAT
09852.05	FABRIC, NO BATTING, TO WRAP PLYWOOD EDGE
13136.01	65" MONITOR, OWNER PROVIDED AND INSTALLED
13136.03	PROVIDE AND INSTALL RECESSED MONITOR ENCLOSURE, COORDINATE WITH OWNER PROVIDED AND INSTALLED MONITOR
13136.04	42" MONITOR, OWNER PROVIDED AND INSTALLED
13136.05	ELECTRONIC LED STOCK TICKER, OWNER PROVIDED AND INSTALLED
13136.07	COMPACT POS COUNTERTOP MOUNT, INNOVATIVE MODEL NO. 9190

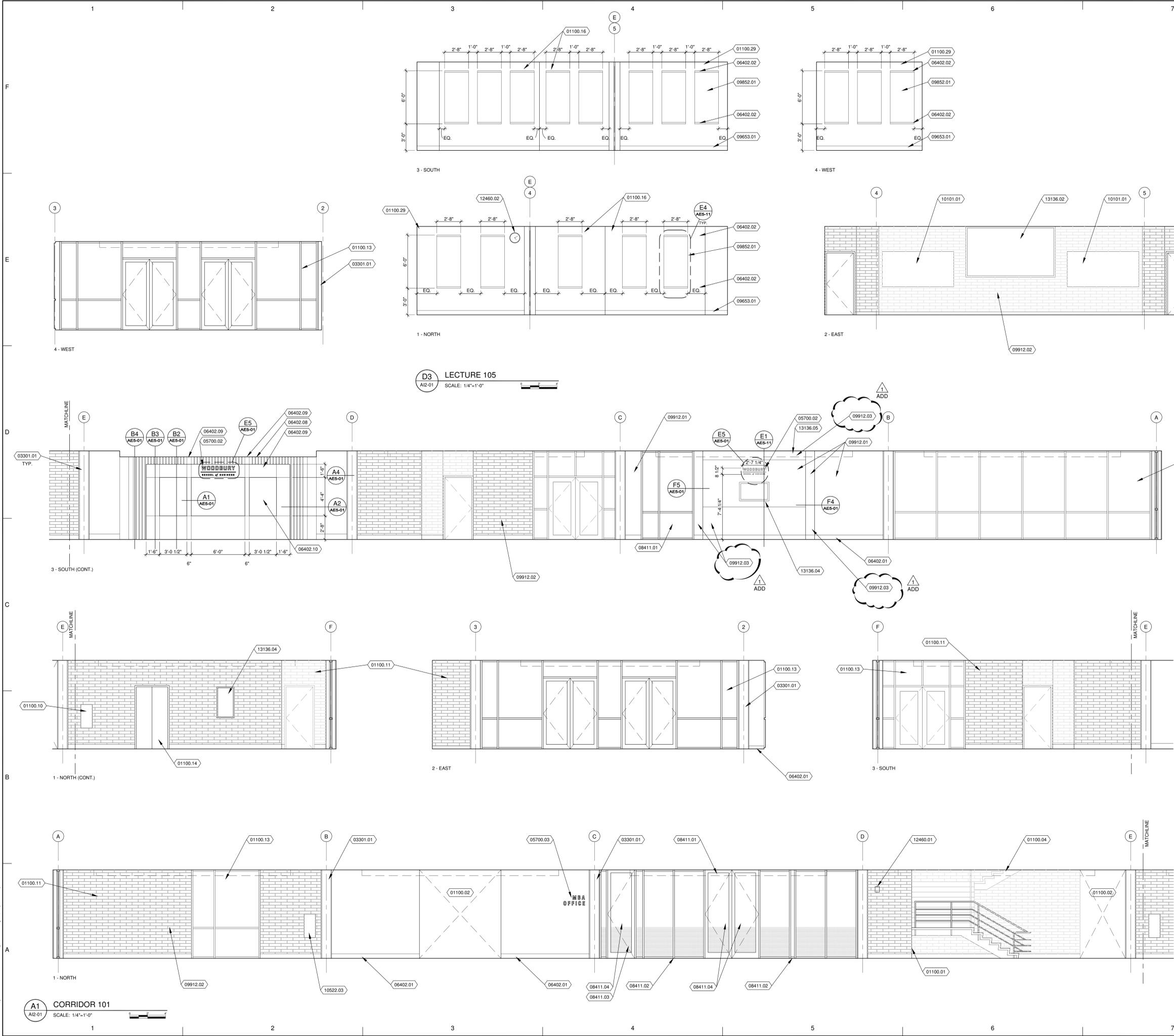


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REVISIONS:	ADD #1 3-29-10
ADD #2 4-19-10	

STATE OF UTAH
 ROBERT M. JENKINS
 ARCHITECT
 #1142
 2/16/10

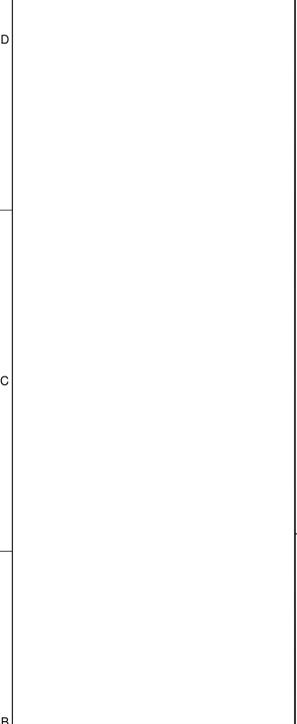
DETAILS
 SCALE: AS NOTED
 SHEET: AE5-11

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 OREM, UT 84058
 MJS
 357 West Popcorn Avenue □ Salt Lake City, Utah 84101
 Telephone 801-944-5161 □ Facsimile 801-944-5167
 ARCHITECTURE INTERIOR DESIGN



REFERENCE NOTES

- 01100.01 CHANGE IN PLANE
- 01100.02 OPEN TO BEYOND
- 01100.04 EXISTING STAIRS TO REMAIN
- 01100.10 EXISTING FIRE EXTINGUISHER TO REMAIN
- 01100.11 EXISTING ATLAS BRICK TO BE LEFT EXPOSED, CLEAN
- 01100.13 EXISTING INTERIOR STOREFRONT SYSTEM TO REMAIN
- 01100.14 EXISTING ELEVATOR DOOR
- 01100.15 EXISTING EXTERIOR STOREFRONT SYSTEM TO REMAIN
- 01100.16 INTERIOR ELEVATION HAS BEEN FLATTENED FOR CLARITY
- 01100.29 EXISTING CMU BLOCK WALL, PAINTED
- 03301.01 SANDBLAST EXISTING CONC COLUMN
- 05700.02 STAINLESS STEEL WOODBURY LOGO, NON-DIRECTIONAL BRUSHED FINISH
- 05700.03 STAINLESS STEEL MBA OFFICE SIGN, NON-DIRECTIONAL BRUSHED FINISH
- 06402.01 6" WOOD BASE, PAINTED
- 06402.02 2" WOOD TRIM, PAINTED
- 06402.08 WOOD SLAT PANEL, WITH CONCEALED FASTENERS
- 06402.09 WOOD PANEL, WITH CONCEALED FASTENERS
- 06402.10 ACRYLIC PANEL WITH ETCHED TEXT
- 08411.01 ALUMINUM STOREFRONT SYSTEM
- 08411.02 ALUMINUM MULLION
- 08411.03 CERAMIC FRITTED PORTION OF GLASS, TOP OF FRIT 42" A.F.F.
- 08411.04 ALUMINUM STOREFRONT DOOR
- 09653.01 4" RUBBER BASE
- 09852.01 FABRIC WRAPPED ACOUSTIC WALL PANEL
- 09912.01 PAINTED GYP. BOARD
- 09912.02 LOW SHEEN, BREATHABLE MASONRY SEALANT TO BE APPLIED TO EXISTING BRICK, TYP. ALL EXPOSED BRICK WITHIN PROJECT SCOPE
- 09912.03 ACCENT PAINT COLOR, SEE FINISH SCHEDULE
- 10101.01 8"x4" MARKER BD. WITH MARKER TRAY
- 10522.03 SURFACE MOUNTED FIRE EXTINGUISHER CABINET
- 12460.01 REPLACE EXISTING CLOCK WITH PRIMEX WIRELESS DIGITAL CLOCK. 4" FOUR DIGIT DISPLAY, DUAL SIDED, WALL MOUNTED. MATCHING EXISTING CLOCK'S POWER SOURCE
- 12460.02 REPLACE EXISTING CLOCK WITH PRIMEX WIRELESS ANALOG GPS CLOCK. 13.75" PLATINUM SERIES, BATTERY POWERED
- 13136.02 AUTOMATIC ROLL-DOWN PROJECTION SCREEN, OWNER PROVIDED AND CONTRACTOR INSTALLED
- 13136.04 42" MONITOR, OWNER PROVIDED AND INSTALLED
- 13136.05 ELECTRONIC LED STOCK TICKER, OWNER PROVIDED AND INSTALLED



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STATE OF UTAH
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 #1142
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2/16/10

INTERIOR ELEVATIONS

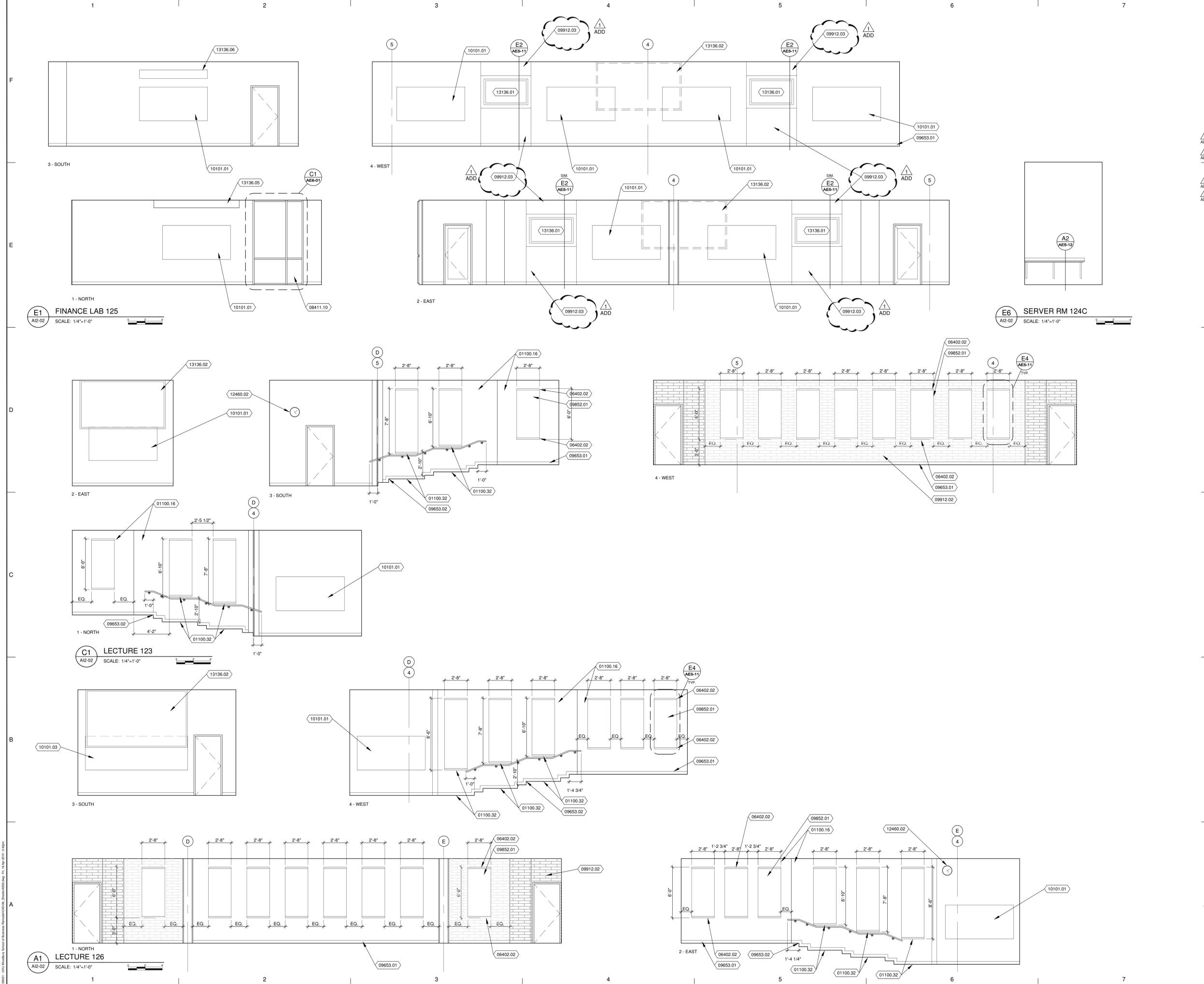
SCALE: AS NOTED

REVISIONS

ADD	#1 3-29-10
ADD	#2 4-19-10

PROJECT NO.: 09031
 DATE: 2/16/10
 SHEET: A12-01

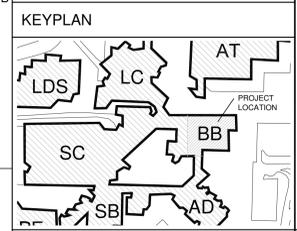
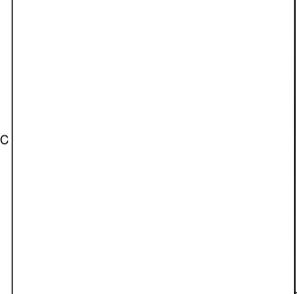
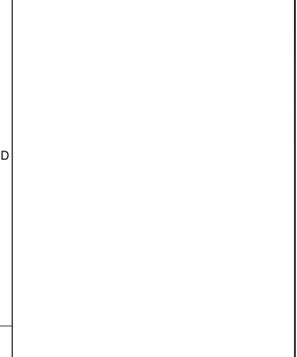
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 Telephone 801-944-5161 □ Facsimile 801-364-5167



- REFERENCE NOTES**
- 01100.16 INTERIOR ELEVATION HAS BEEN FLATTENED FOR CLARITY
 - 01100.32 ALIGN CENTERLINES
 - 06402.02 2" WOOD TRIM, PAINTED
 - 08411.10 ALUMINUM STOREFRONT SYSTEM
 - 09653.01 4" RUBBER BASE
 - 09653.02 ROPPE #11 SINGLE FLANGE CARPET STAIR NOSING AT ALL STAIR AND PLATFORM TRANSITIONS, TYP.
 - 09852.01 FABRIC WRAPPED ACOUSTIC WALL PANEL
 - 09912.02 LOW SHEEN, BREATHABLE MASONRY SEALANT TO BE APPLIED TO EXISTING BRICK, TYP. ALL EXPOSED BRICK WITHIN PROJECT SCOPE
 - 09912.03 ACCENT PAINT COLOR, SEE FINISH SCHEDULE
 - 10101.01 8"x4" MARKER BD. WITH MARKER TRAY
 - 10101.03 12"x4" MARKER BD. WITH MARKER TRAY
 - 12460.02 REPLACE EXISTING CLOCK WITH 'PRIMEX' WIRELESS ANALOG GPS CLOCK, 13.75" PLATINUM SERIES, BATTERY POWERED
 - 13136.01 65" MONITOR, OWNER PROVIDED AND INSTALLED
 - 13136.02 AUTOMATIC ROLL DOWN PROJECTION SCREEN, OWNER PROVIDED AND CONTRACTOR INSTALLED
 - 13136.05 ELECTRONIC LED STOCK TICKER, OWNER PROVIDED AND INSTALLED
 - 13136.06 ELECTRONIC LED 8 TIME ZONE CLOCK, OWNER PROVIDED AND INSTALLED



E6 SERVER RM 124C
A12-02 SCALE: 1/4"=1'-0"



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REVISIONS

ADD	#1 3-29-10
ADD	#2 4-19-10

PROJECT NO.: 09031
DATE: 2/16/10
SHEET: A12-02

INTERIOR ELEVATIONS
SCALE: AS NOTED

REFERENCE NOTES

- 01100.11 EXISTING ATLAS BRICK TO BE LEFT EXPOSED, CLEAN
- 03301.01 SANDBLAST EXISTING CONC COLUMN
- 08411.01 ALUMINUM STOREFRONT SYSTEM
- 08411.03 CERAMIC FRITTED PORTION OF GLASS, TOP OF FRIT 42" A.F.F.
- 08411.04 ALUMINUM STOREFRONT DOOR
- 08900.01 SINGLE PANE, CLEAR, TEMPERED GLASS
- 09653.01 4" RUBBER BASE
- 09912.02 LOW SHEEN, BREATHABLE MASONRY SEALANT TO BE APPLIED TO EXISTING BRICK, TYP. ALL EXPOSED BRICK WITHIN PROJECT SCOPE
- 12460.02 REPLACE EXISTING CLOCK WITH 'PRIMEX WIRELESS ANALOG GPS CLOCK, 13.75" PLATINUM SERIES, BATTERY POWERED

CONSTRUCTION DOCUMENTS 100%

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OREM, UT 84058

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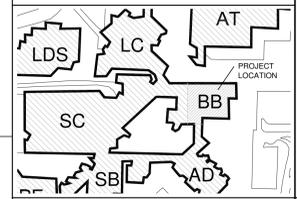
REVISIONS:
ADD Addendum #2 4-19-10

PROJECT NO.:
09031

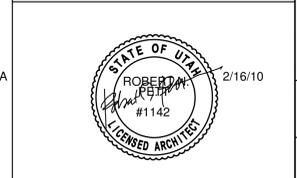
DATE:
2/16/10

SHEET:
A12-03

KEYPLAN

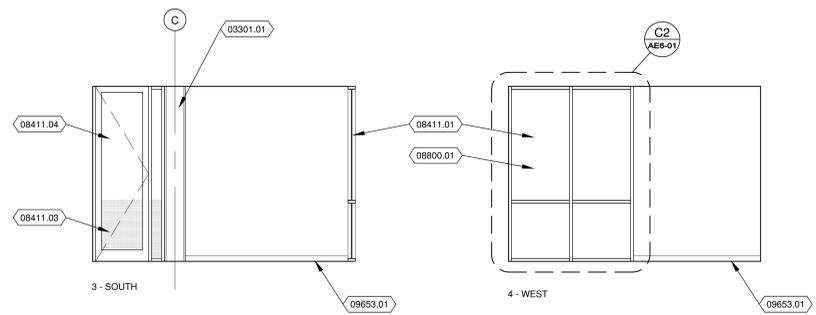


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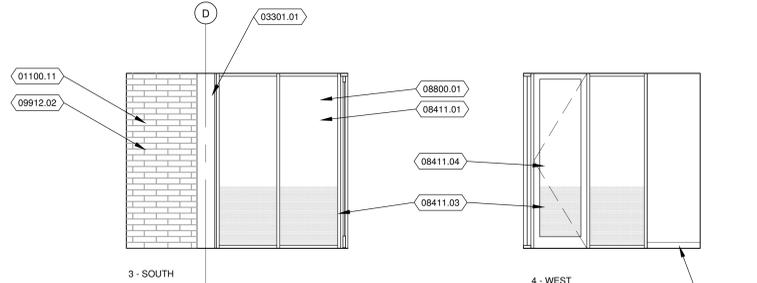


INTERIOR ELEVATIONS

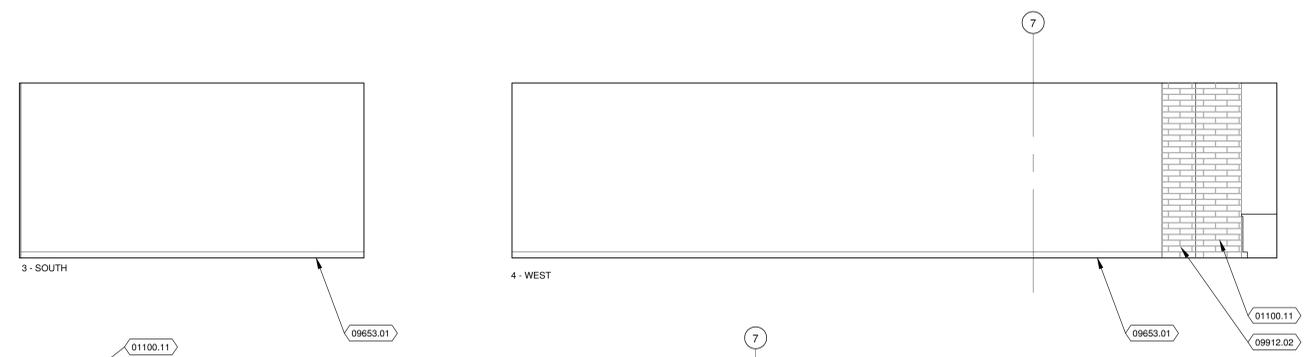
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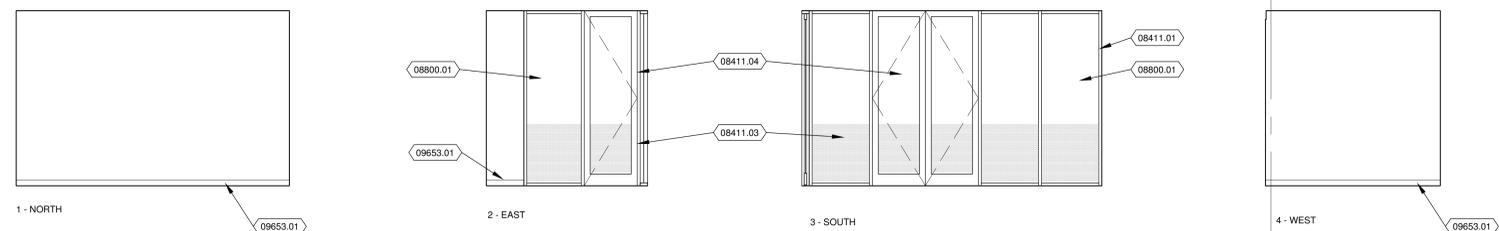
C5 MBA OFFICE 127
A12-03 SCALE: 1/4"=1'-0"



A6 MBA OFFICE 101E
A12-03 SCALE: 1/4"=1'-0"



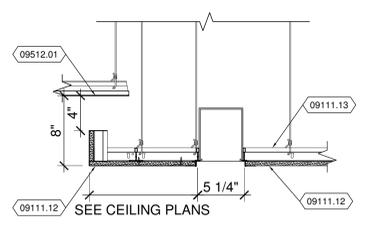
C1 COMPUTER LAB 111
A12-03 SCALE: 1/4"=1'-0"



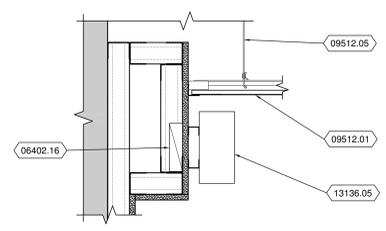
A1 MBA RECEPTION 101D
A12-03 SCALE: 1/4"=1'-0"

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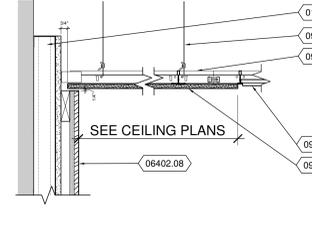
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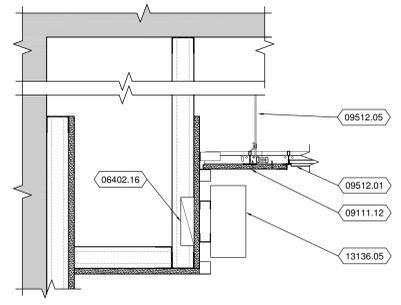
F3 CEILING DETAIL
ARS-01 SCALE: 1 1/2"=1'-0"



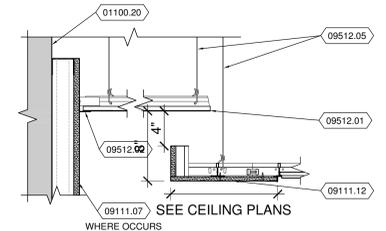
E3 CEILING DETAIL
ARS-01 SCALE: 1 1/2"=1'-0"



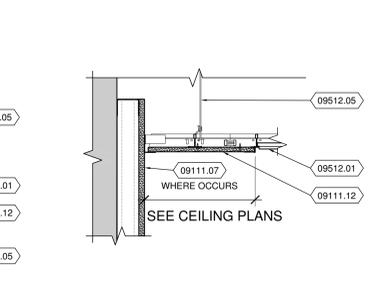
F4 CEILING DETAIL
ARS-01 SCALE: 1 1/2"=1'-0"



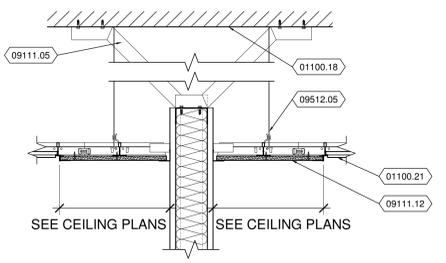
E4 CEILING DETAIL
ARS-01 SCALE: 1 1/2"=1'-0"



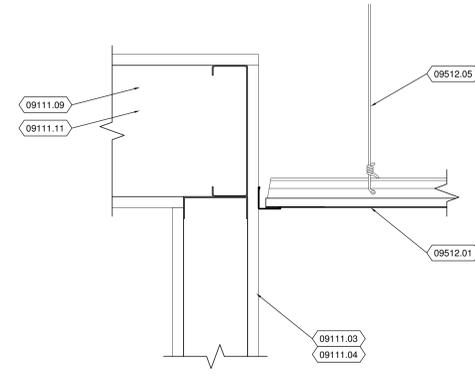
F5 CEILING DETAIL
ARS-01 SCALE: 1 1/2"=1'-0"



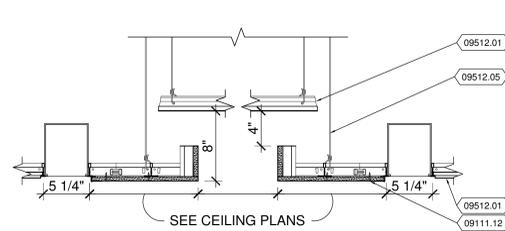
E5 CEILING DETAIL
ARS-01 SCALE: 1 1/2"=1'-0"



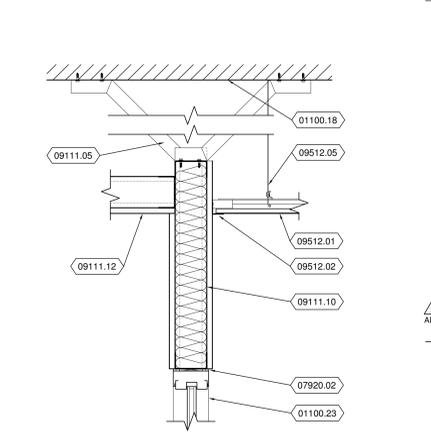
D5 CEILING DETAIL
ARS-01 SCALE: 1 1/2"=1'-0"



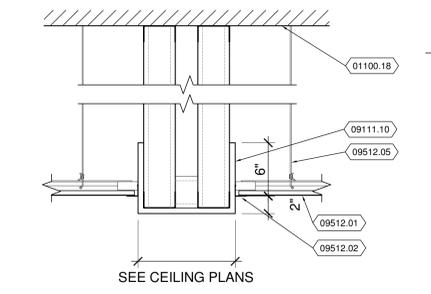
A6 CEILING DETAIL
ARS-01 SCALE: NTS



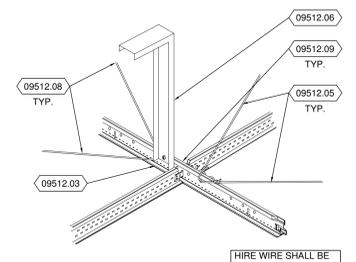
F6 CEILING DETAIL
ARS-01 SCALE: 1 1/2"=1'-0"



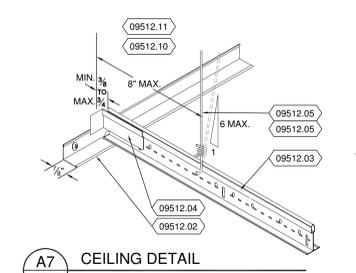
E6 CEILING DETAIL
ARS-01 SCALE: 1 1/2"=1'-0"



C6 CEILING DETAIL
ARS-01 SCALE: 1 1/2"=1'-0"



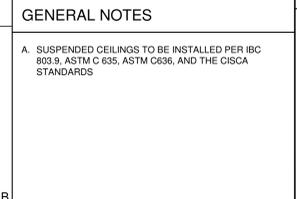
B7 CEILING DETAIL
ARS-01 SCALE: NTS



A7 CEILING DETAIL
ARS-01 SCALE: NTS

- REFERENCE NOTES**
- 01100.18 EXISTING STRUCTURE ABOVE, NOTE SECOND LEVEL FLOOR SLAB IS POST TENSIONED
 - 01100.20 EXISTING WALL
 - 01100.21 EXISTING CEILING FINISH
 - 01100.23 EXISTING STEEL STOREFRONT SYSTEM
 - 06402.08 WOOD SLAT PANEL, WITH CONCEALED FASTENERS
 - 06402.16 FIRE TREATED WOOD BLOCKING
 - 07920.02 SEALANT
 - 09111.03 3-5/8" STEEL STUD PARTITION WITH 5/8" GYP BOARD BOTH SIDES
 - 09111.04 5/8" TYPE 'X' GYP BOARD
 - 09111.05 BRACE TO STRUCTURE ABOVE 4'-0" O.C.
 - 09111.07 2-1/2" METAL STUD FURRING
 - 09111.09 7-1/2" STEEL STUDS AT 16" O.C. FRAME AROUND LIGHT FIXTURES
 - 09111.10 3-5/8" STEEL STUDS WITH 5/8" GYP BOARD
 - 09111.11 FIRE RATED CORRIDOR LID, ENSURE CONTINUOUS RATING FROM NEW CONSTRUCTION TO EXISTING FIRE RATED LID
 - 09111.12 1/2" GYP. BD. CEILING ON DRYWALL SUSPENSION SYSTEM
 - 09111.13 DRYWALL SUSPENSION SYSTEM
 - 09512.01 2x2 ACOUSTIC CLNG. SYSTEM
 - 09512.02 7/8" WALL MOLDING
 - 09512.03 HEAVY DUTY MAIN T. 180 LBS. MIN INTERSECTION STRENGTH LIMIT WITH CROSS TEE
 - 09512.04 USG ACM7 WALL ATTACHMENT CLIP
 - 09512.05 #12 HANGER WIRE, 48" O.C. MIN BOTH WAYS
 - 09512.06 STEEL STUD COMPRESSION POST. COMPRESSION POSTS (STRUTS) 12" O.C. IN BOTH DIRECTIONS, STARTING 6" FROM WALLS
 - 09512.08 CONNECTION DEVICE FROM VERTICAL WIRE TO THE STRUCTURE ABOVE MUST SUSTAIN MIN 100 LBS
 - 09512.09 HORIZONTAL RESTRAINT (SPRAY WIRES OR RIGID BRACING) WITHIN 2" OF INTERSECTION AND SPAYED 90° APART AT 45° ANGLES
 - 09512.10 TIE TOGETHER PERIMETER TEE ENDS
 - 09512.11 SEISMIC SEPARATION JOINT, REQUIRED FOR AREAS OVER 2,500 SQ. FT.
 - 13136.05 ELECTRONIC LED STOCK TICKER, OWNER PROVIDED AND INSTALLED

- GENERAL NOTES**
- A. SUSPENDED CEILINGS TO BE INSTALLED PER IBC 803.9, ASTM C 635, ASTM C636, AND THE CISCA STANDARDS



STAMP

STATE OF UTAH
ROBERTA J. [Signature]
#1142
LICENSED ARCHITECT

2/16/10

DETAILS

SCALE: AS NOTED

PROJECT NO: 09031
DATE: 2/16/10
SHEET: AR5-01

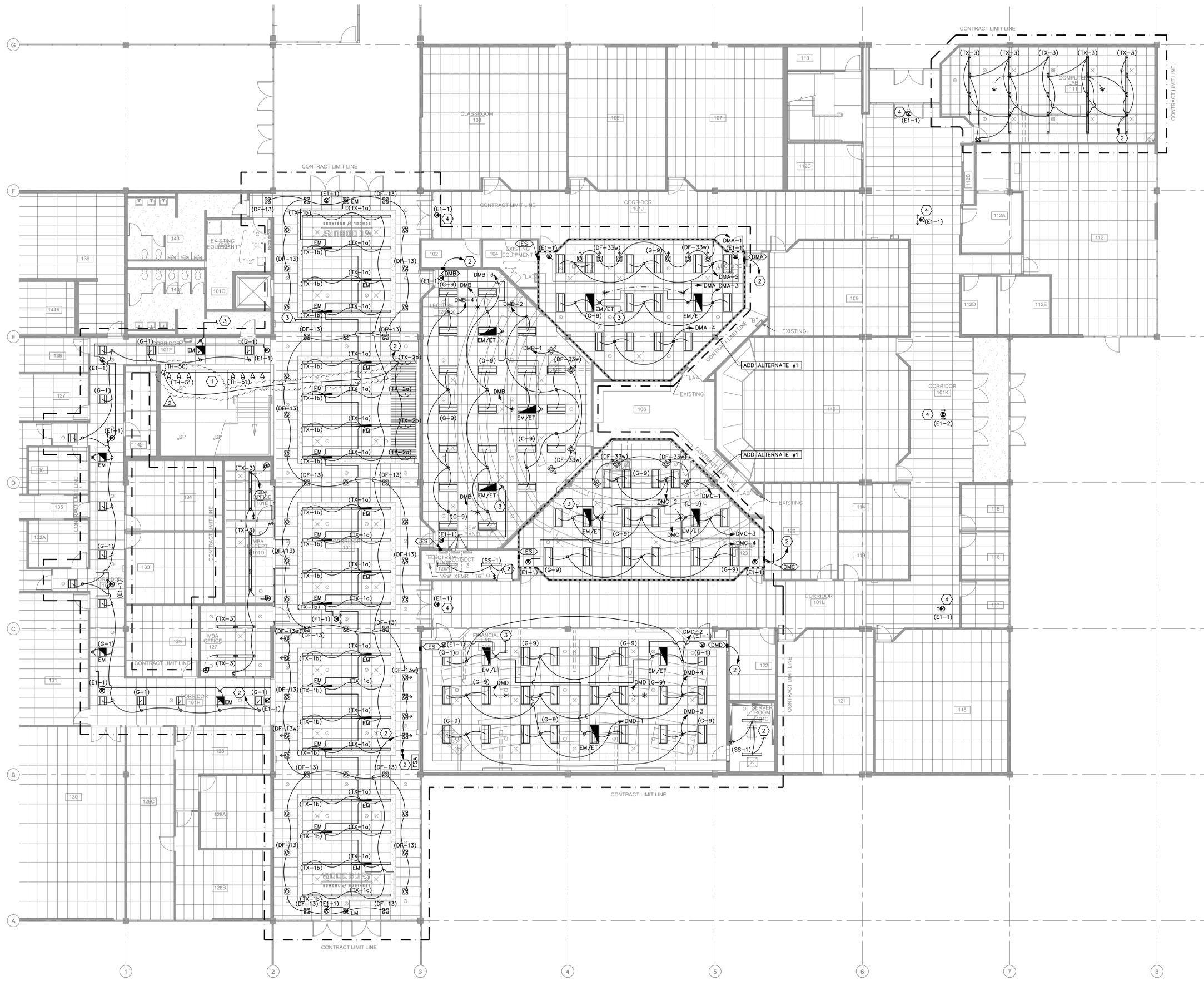
CONSTRUCTION DOCUMENTS 100%

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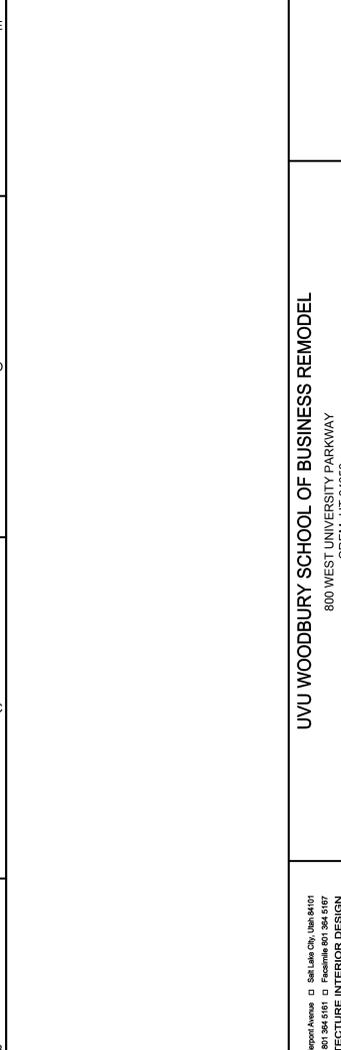
 MJSA
 357 West Panguitch Avenue □ Salt Lake City, Utah 84101
 Telephone 801-944-5161 □ Facsimile 801-944-5167
 ARCHITECTURE INTERIOR DESIGN

 REVISIONS:
 ADD Addendum #2 4-19-10

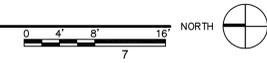
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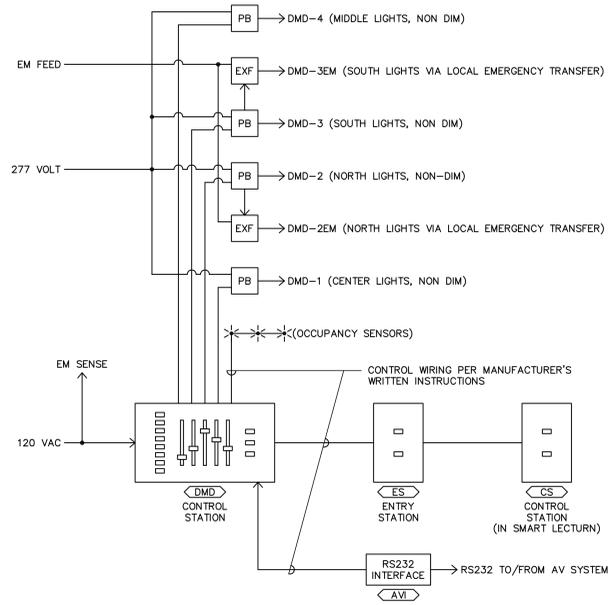
- REFERENCE NOTES**
- GENERAL SHEET NOTES**
1. CONCEAL ALL CONDUITS, RACEWAYS, CABLING AND BOXES. WHERE THESE ITEMS MUST BE EXPOSED TO VIEW, SUBMIT SHOP DRAWINGS OF PROPOSED ROUTING AND LOCATIONS TO ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL.
- SHEET KEYNOTES**
1. PROVIDE ANGLE ADAPTERS AND ALL OTHER REQUIRED PARTS FOR TRACK MOUNTED ON UNDERSIDE OF STAIRWAY.
 2. CIRCUIT NEW LIGHTS IN THESE ROOMS TO CIRCUITS THAT WERE FEEDING THE PREVIOUSLY INSTALLED FIXTURES.
 3. CIRCUIT WITH NEAREST EXISTING 277V EM CIRCUIT.
 4. EXIT SIGN AT THIS LOCATION TO BE INSTALLED IF EXISTING EXIT SIGNAGE IS INSUFFICIENT. CIRCUIT WITH NEAREST 277V EM CIRCUIT.



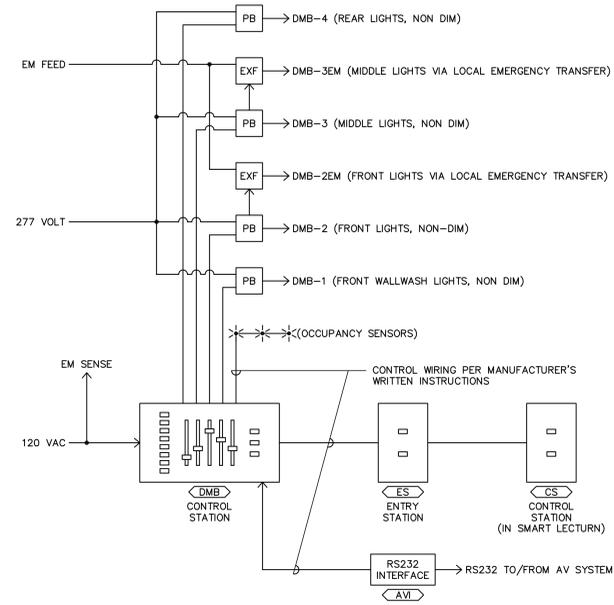
A1 LEVEL ONE LIGHTING PLAN
SCALE: 1/8" = 1'-0"



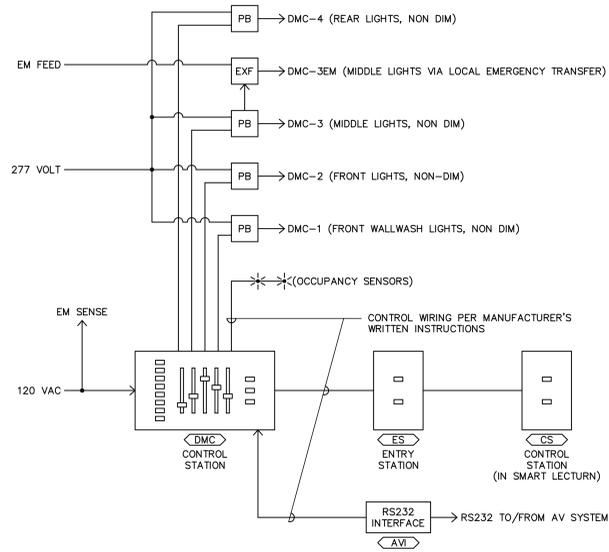
100% CONSTRUCTION DOCUMENTS
 UVU WOODBURY SCHOOL OF BUSINESS REMODEL
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 307 West Perimeter Avenue • Salt Lake City, Utah 84101
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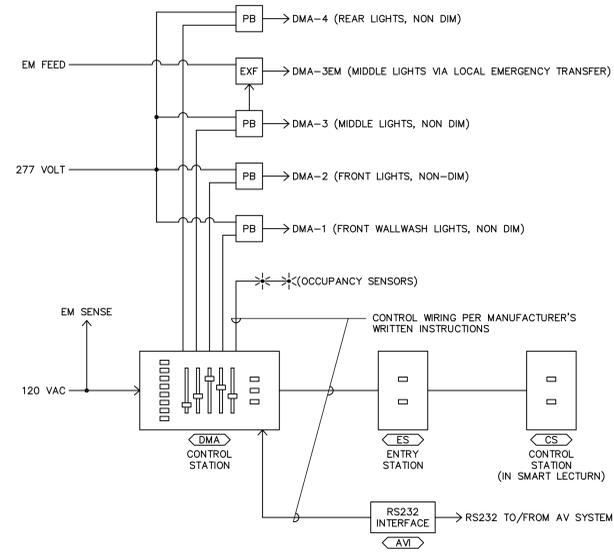
D2 FINANCIAL LAB 125 LIGHTING CONTROL SCHEMATIC
NO SCALE



D5 LECTURE 126 LIGHTING CONTROL SCHEMATIC
NO SCALE



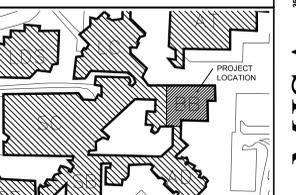
A2 LECTURE 123 LIGHTING CONTROL SCHEMATIC
NO SCALE



A5 LECTURE 105 LIGHTING CONTROL SCHEMATIC
NO SCALE

REFERENCE NOTES

KEYPLAN



STAMP

REVISIONS:	03/29/10 ADD #01
	04/19/10 ADD #02
PROJECT NO.:	09031
DATE:	2/16/10

LIGHTING CONTROL SCHEMATICS
SCALE: AS NOTED

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SHEET:
EL6-01

File Name: P:\2009\20090446\Drawings\3Sheet\46EL6-01.dwg Last Plotted: 2010/04/16 @ 3:30 PM By: bww

File Name: P:\2009\20090446\Drawings\3Sheet\46EL6-02.dwg Last Plotted: 2010/04/16 @ 3:30 PM By: bxw

LOAD SCHEDULE						LECTURE 125
DEVICE	CIRCUIT	LIGHTING ID	LOAD (WATTS)	CONTROL CHANNEL	COMMENTS	
DMA		FRONT WALLWASHERS (F)	300	DMA-1	2KW FLUORESCENT NON DIM (F)	
		FRONT LIGHTS (F)	390	DMA-2	2KW FLUORESCENT NON DIM (F)	
		CENTER LIGHTS (F)	390	DMA-3	2KW FLUORESCENT NON DIM (F)	
		REAR LIGHTS (F)	260	DMA-4	2KW FLUORESCENT NON DIM (F)	
		SPARE		DMA-5		
		SPARE		DMA-6		

LOAD SCHEDULE						LECTURE 126
DEVICE	CIRCUIT	LIGHTING ID	LOAD (WATTS)	CONTROL CHANNEL	COMMENTS	
DMB		FRONT WALLWASHERS (F)	200	DMB-1	2KW FLUORESCENT NON DIM (F)	
		FRONT LIGHTS (F)	520	DMB-2	2KW FLUORESCENT NON DIM (F)	
		CENTER LIGHTS (F)	455	DMB-3	2KW FLUORESCENT NON DIM (F)	
		REAR LIGHTS (F)	455	DMB-4	2KW FLUORESCENT NON DIM (F)	
		SPARE		DMB-5		
		SPARE		DMB-6		

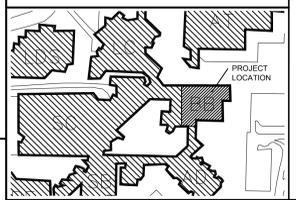
LOAD SCHEDULE						LECTURE 123
DEVICE	CIRCUIT	LIGHTING ID	LOAD (WATTS)	CONTROL CHANNEL	COMMENTS	
DMC		FRONT WALLWASHERS (F)	200	DMC-1	2KW FLUORESCENT NON DIM (F)	
		FRONT LIGHTS (F)	260	DMC-2	2KW FLUORESCENT NON DIM (F)	
		CENTER LIGHTS (F)	390	DMC-3	2KW FLUORESCENT NON DIM (F)	
		REAR LIGHTS (F)	390	DMC-4	2KW FLUORESCENT NON DIM (F)	
		SPARE		DMC-5		
		SPARE		DMC-6		

LOAD SCHEDULE						FINANCIAL LAB 125
DEVICE	CIRCUIT	LIGHTING ID	LOAD (WATTS)	CONTROL CHANNEL	COMMENTS	
DMD		CENTER LIGHTS (F)	520	DMD-1	2KW FLUORESCENT NON DIM (F)	
		EAST LIGHTS (F)	260	DMD-2	2KW FLUORESCENT NON DIM (F)	
		WEST LIGHTS (F)	260	DMD-3	2KW FLUORESCENT NON DIM (F)	
		CENTER LIGHTS (F)	260	DMD-4	2KW FLUORESCENT NON DIM (F)	
		SPARE		DMD-5		
		SPARE		DMD-6		

LIGHTING FIXTURE SCHEDULE									
NOTE TO BIDDERS: COMPLY WITH SECTIONS 16511, 16521, AND 16570 OF THE SPECIFICATIONS. REFER TO SPECIFICATIONS FOR IMPORTANT TECHNICAL REQUIREMENTS FOR LIGHTING FIXTURES, BALLASTS, AND LAMPS. THE CATALOG NUMBERS LISTED BELOW HAVE BEEN CAREFULLY PREPARED TO ASSIST BIDDERS IN SELECTING PRODUCTS TO ACHIEVE THE DESIGN CONCEPT, HOWEVER, PRIOR TO BIDDING, EACH MANUFACTURER SHALL COMPARE THE CATALOG NUMBERS SHOWN WITH THE DESCRIPTION AND REQUIREMENTS ON THE DRAWINGS, AND SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES. SPECIFICALLY INCLUDED IN THIS EVALUATION SHALL BE THE VERIFYING OF PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS. NO ALLOWANCE OR REDRESS WILL BE ALLOWED FOR DISCREPANCIES THAT WERE NOT REPORTED TO THE ARCHITECT/ENGINEER IN TIME FOR CORRECTION OR CLARIFICATION BEFORE THE BID. THE REPORTING OF ANY AMBIGUITY IS THE RESPONSIBILITY OF THE BIDDER. PROVIDE UNIT PRICES AND FIXTURE BRAND SELECTED FOR ADD/DELETE CHANGES FOR EACH FIXTURE TYPES SHOWN WITHIN 48 BUSINESS HOURS OF THE BID DATE. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY DISQUALIFY THE PRODUCTS AND EMPOWER THE ENGINEER TO DETERMINE FAIR VALUE FOR FIXTURE AND INSTALLATION CHANGES, WITHOUT FURTHER INPUT FROM THE CONTRACTOR OR INSTALLER. SUBMITTAL PACKAGE SHALL INCLUDE LAMP MANUFACTURER AND CATALOG NUMBER ON EACH FIXTURE SHEET. ON ALL PENDANT MOUNTED FIXTURES, PROVIDE A SECOND SET OF PENDANTS, OF A DIFFERENT LENGTH, AS DIRECTED BY THE ARCHITECT/ENGINEER, PROVIDED AND INSTALLED AT NO ADDITIONAL CHARGE. ALL FIXTURES SHALL BE APPROVED BY UL OR ANOTHER ACCEPTABLE TESTING LAB FOR THE PURPOSE INTENDED AND WITH THE LAMP AND BALLAST PROPOSED. CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED. CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID. ALLOWANCE PRICE MAY OR MAY NOT INCLUDE LAMP(S) OR FREIGHT AS NOTED, AND DO NOT INCLUDE ANY TAXES. UNIVERSAL VOLTAGE (120/277) BALLASTS REQUIRED UNLESS NOTED OTHERWISE. DIMENSION SEQUENCE = (LENGTH X WIDTH X DEPTH) IN INCHES. LINEAR FLUORESCENT FIXTURES MARKED "HIGH EFFICIENCY" USE 30 WATT 2850 INITIAL LUMEN LAMPS WITH .71 BALLAST FACTOR ELECTRONIC BALLAST. LAMPS: OS1-XFPG-SERIES; PHILIPS-ADV-SERIES; GE-T8-ULTRA-HIGH-LUMEN; BALLASTS: ADVANCE "TOP" SERIES; OS1 * PROSTART PSX*, GE ULTRASTART SERIES.									
FIXTURE CHARACTERISTICS: BODY / AIR / MOUNTING / DOOR SYMBOL MARK LENS/LOUVER/REFLECTOR/OTHER LAMP WATTS VOLTS MANUFACTURER CATALOG NUMBER NOTES									
DF-13	RECESSED DOWNLIGHT; VERTICAL, 6" APERTURE, 26W CF-AMALGAM LAMP, CLEAR WITH SPECIAL LABEL "26 WATT MAX"	1-CF-A26 30W REB41	277/120V	PORTFOLIO INFINITY	C6032E-6051J1 (12 X 11-1/2 X 9-1/2) PV60 126T-EB (GX240-3) 277 BH (16-1/4 X 12 X 9-5/8)				
DF-13w	RECESSED DOWNLIGHT; VERTICAL, 6" APERTURE, WALL WASH 26W CF-AMALGAM LAMP, CLEAR WITH SPECIAL LABEL "26 WATT MAX"	1-CF-A26 30W REB41	277/120V	PORTFOLIO INFINITY	C6032E-6051J1 (12 X 11-1/2 X 9-1/2) PV60 126T-EB (GX240-3) 277 BH (16-1/4 X 12 X 9-5/8)				
E1	EXIT SIGN: METAL HOUSING; CEILING MOUNT, SEE DRAWINGS; ARROWS PER PLANS; LED LAMPS; EMERGENCY BATTERY PACK WITH 10 YEAR PRO-RATA WARRANTY; SELF-TESTING; EDGE LIGHTED CLEAR LENS; GREEN LETTERS ON CLEAR BACKGROUND. MUST MEET NFPA ILLUMINATION STANDARDS. UNITS SHOWN ARE CEILING MOUNT MODELS. CONTRACTOR TO PROVIDE MATCHING WALL MOUNTED UNITS WHERE REQUIRED.								
E1-1	SINGLE FACE:	LED 20W	120/277V	DUAL-LITE	LECSGWE EDG 1 GC W EM LRP W 1 GC XX 120/277 ELN EDGL-EM-S-S-G-BK (BLACK HOUSING) LEDBPRXF0-2-GC-SX STELX-X-1-SC-X				
E1-2	DUAL FACE:	LED 20W	120/277V	DUAL-LITE	LECSGWE EDG 2 GC W EM LRP W 2 GMR XX 120/277 ELN EDGL-EM-D-S-GM-BK (BLACK HOUSING) LEDBPRXF0-3-GW-SX STELX-X-2-SC-X				
ET	TRANSFER DEVICE FOR FLUORESCENT BALLASTS, LOCATE ON FIRST EMERGENCY FIXTURE IN ROOM PER CIRCUIT TO TRANSFER EMERGENCY PORTION OF CIRCUIT TO EMERGENCY FEED, CONNECT TO NORMAL SIDE FOR SENSING, AND TO BOTH NORMAL FEED AND EMERGENCY CIRCUIT. USE 2 POLE FOR NORMAL CIRCUITS AND 3 POLES FOR DIMMED CIRCUITS.								
G	INDIRECT TROFFERS: RECESSED FOR LAY-IN GRID; HINGED FLUSH STEEL DOOR WITH LATCH; EARTHQUAKE CLIPS, PROGRAM START ELECTRONIC BALLASTS; LONG COMPACT FLUORESCENT LAMPS; ONE BALLAST PER FIXTURE, 100-10X DIMMING BALLAST WHERE SHOWN.								
G-1	2X2, 2-LAMP, CENTER BASKET, PERFORATED GRID MOUNTED	2-T524 50W REB41	277/120V	LIGHTOLIER	QHE2QFP0P2FT FLU-22-B-2BX40-S-UNV-PS-WH 2AVG2CF40-PMW-UNV-SPEB CFS2QPF224-UNV-PG GDTD22C-22BX40-CWM-ELB				
G-9	2X4, 2-LAMP, CENTER BASKET HIGH EFFICIENCY	2-F32T8 50W REB41	277/120V	METALUX PRUDENTIAL DAYBRITE LITECONTROL	2RDI-232RP-SPEC-EB-ER81 CL6038-24-440BX-X1-UNIVOLT-PROGRAM START 2AV232-PMW-UNV-1/2EB-SPEC G-D-TD24C-24T8-CWM-TW-ELB-HE 2LLGS 232T8 SSO10PS RPW UE T2AVG 2T8 MDR SMD MVOLT TUBRHP CFS2QPF232-UNV-SO-OSR/PSX STR24-232G-MPO-EPU				
SS	GENERAL PURPOSE INDUSTRIAL: WHITE ENAMEL, NONAPERTURED REFLECTOR; PROGRAM START ELECTRONIC BALLASTS; T8 LAMPS; ONE BALLAST PER FIXTURE WHERE POSSIBLE; UNLESS TWO LEVEL SWITCHING IS SHOWN ON THE PLANS, STEM MOUNTED WITH TONG HANGERS.								
SS-1	4", 2 LAMP, HIGH EFFICIENCY	2-F32T8 65W REB41	277/120V	LITHONIA LIGHTOLIER METALUX LSI COLUMBIA DAYBRITE	EJ232-MVOLT-TUBRHP-THUN KWS232-U-SOP IC-232-UNV-PROGRAM START F22 232 SSO10PRS CH-12 UE CSR4-232-EBB120/277 PROG-CSTH IS232-UNV-1/2-EB-SPEC				
TH	TRACK AND TRACK LIGHTS: LENGTH OF TRACK AND NUMBER OF FIXTURES AND ACCESSORIES AS SHOWN ON DRAWINGS. TRACK FEEDENDS, DEADENDS, TURNS, HANGING DEVICES, ETC., ARE AS REQUIRED TO INSTALL TRACKS AS SHOWN ON DRAWINGS AND/OR SPECIFIED, IN COMPLIANCE WITH NEC 410-104. INSTALLERS ARE CAUTIONED TO ENSURE TRACK HEADS AND TRACK ARE COMPATIBLE (I.E., ADAPTER FOR TWO CIRCUIT TRACK WHERE REQUIRED).								
TH-50	SINGLE CIRCUIT TRACK, SURFACE MOUNT, WHITE, 277 VOLT- LENGTH AS REQ'D	180VA /2		LIGHTOLIER	910XWH/9148WH/				
TH-51	5" CYLINDRICAL TRACKHEAD, WHITE.	1-PAR30 75W	277V	LIGHTOLIER	26030WH				
TX	SPECIAL FIXTURES AS INDICATED. MEET ALL REQUIREMENTS OF SPECIFICATIONS AND FIXTURE SCHEDULE. VISUAL AND FINISH APPROVAL REQUIRED.								
TX-1a	FLUORESCENT LINEAR RECESSED DIRECT, 5.25" WIDE LAY-IN FIXTURE. ACRYLIC LENS, 4' LENGTH. HIGH EFFICIENCY	1-F32T8 25W REB41	277V	LITECONTROL	LG-D-44-1-4-T8-SGL-CWM-XXX-277				
TX-1b	FLUORESCENT LINEAR RECESSED DIRECT, 5.25" WIDE LAY-IN FIXTURE. ACRYLIC LENS, 2' LENGTH. HIGH EFFICIENCY	1-F17T8 15W REB41	277V	LITECONTROL	LG-D-44-1-2-T8-SGL-CWM-XXX-277				
TX-2a	MR16 LINEAR SPOTLIGHT FIXTURE. MUST FIT IN SAME HOUSING AS TX-1 FIXTURES. INDIVIDUALLY AIMABLE LAMPS. 4' LENGTH. INTEGRAL TRANSFORMER.	4 MR16 200W	120V	LITECONTROL	LG-LD-44-4-4-MR16/50-GC-CWM/CWM-XXX-ELV-120				
TX-2b	MR16 LINEAR SPOTLIGHT FIXTURE. MUST FIT IN SAME HOUSING AS TX-1 FIXTURES. INDIVIDUALLY AIMABLE LAMPS. 2' LENGTH. INTEGRAL TRANSFORMER.	2 MR16 100W	120V	LITECONTROL	LG-LD-44-2-2-MR16/50-GC-CWM/CWM-XXX-ELV-120				
TX-3	LINEAR FLUORESCENT PENDANT 4 1/4" WIDE; INDIRECT/DIRECT; LENSED BOTTOM; MOUNT AT HEIGHT REQ'D BY ARCHITECT; HIGH EFFICIENCY	1-F32T8 25W/4'	277V	LITECONTROL	P-S/D-44-1-4-T8-SGL-CWM-XXX-277				

REFERENCE NOTES

KEYPLAN



STAMP

REVISIONS:
 03/29/10 ADD #01
 04/19/10 ADD #02

PROJECT NO:
09031

DATE:
2/16/10

LIGHTING FIXTURE SCHEDULE SCALE: AS NOTED

100% CONSTRUCTION DOCUMENTS

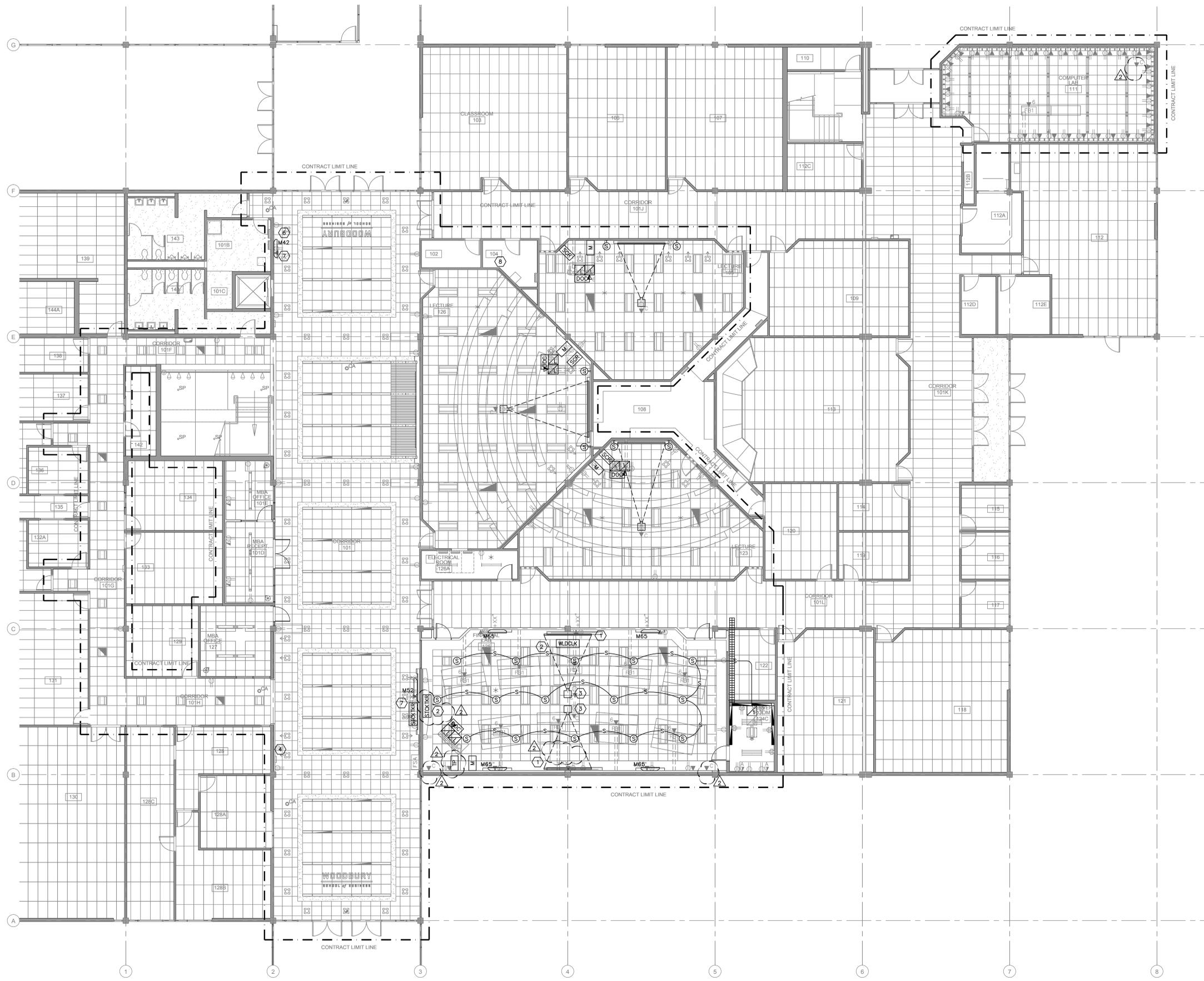
UVU WOODBURY SCHOOL OF BUSINESS REMODEL 800 WEST UNIVERSITY PARKWAY OREM, UT 84058

337 West Perimeter Avenue Orem, Utah 84058 Telephone 801-226-5101 Fax 801-226-5107 ARCHITECTURE INTERIOR DESIGN

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03/29/10 ADD #01
04/19/10 ADD #02
PROJECT NO: 09031
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SHEET: EL6-02

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REFERENCE NOTES

○ SHEET KEYNOTES

1. MOUNT SCREEN BELOW SOFFIT.
2. MOUNT WORLD CLOCK AND STOCK TICKER ON FACE OF SOFFIT.
3. PROVIDE PROJECTOR LENS SUCH THAT PROJECTORS CAN BE MOUNTED CENTER.
4. EXISTING INFO DISPLAY LOCATION TO BE MOVED.
5. NEW LOCATION FOR EXISTING INFO DISPLAY.
6. MOUNT SCREEN BELOW STOCK TICKER.
7. MOUNT ALL CONDUIT AND CONNECTIONS FOR FLAT PANEL IN CUSTODIAL CLOSET. VERIFY MOUNTING OF FLAT PANEL SUCH THAT A 2" ACCESS HOLE CAN BE DRILLED THROUGH WALL FOR CABLE CONNECTION TO MONITOR. MOUNT AT SAME HEIGHT CURRENTLY MOUNTED.
8. LOCATION OF EXISTING DIGITAL SIGNAGE SERVER FOR THE CORRIDOR MONITOR. RE-LOCATE EQUIPMENT TO NEW AV RACK IN ROOM 124C.

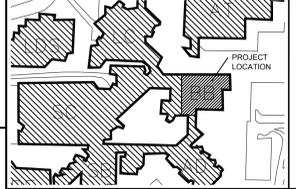
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KEYPLAN



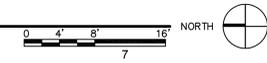
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REVISIONS:	03/29/10 ADD #01
	04/19/10 ADD #02
PROJECT NO:	09031
DATE:	2/16/10

LEVEL ONE AV PLAN
SCALE: AS NOTED

HEET:
EJ1-01

A1 LEVEL ONE AV PLAN
SCALE: 1/8" = 1'-0"

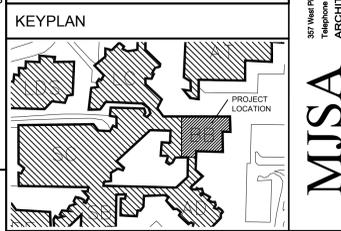
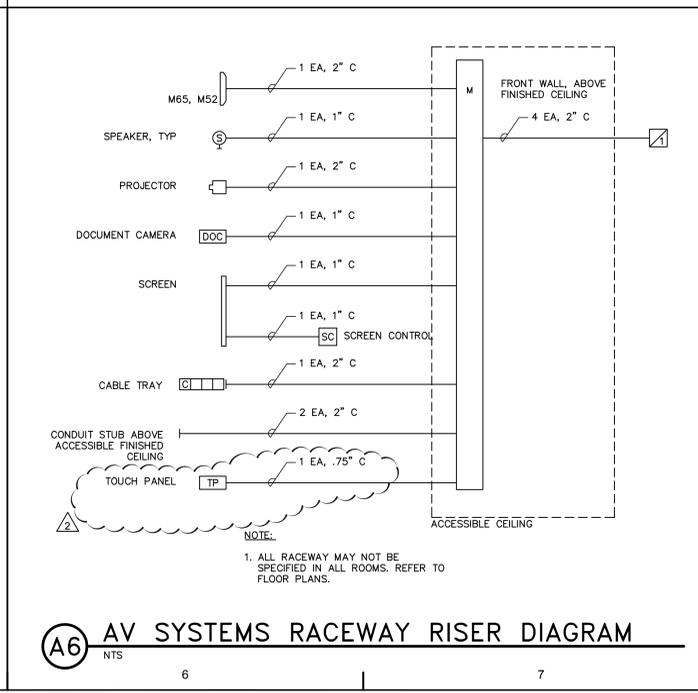
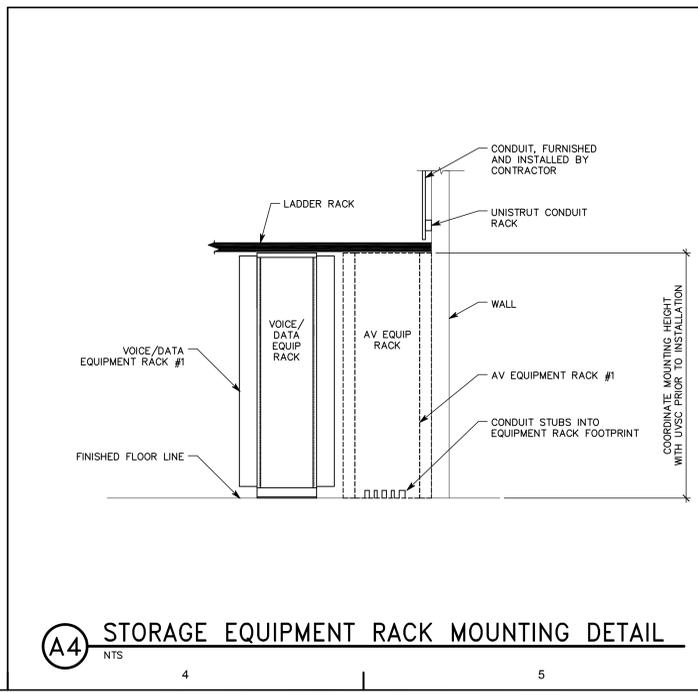
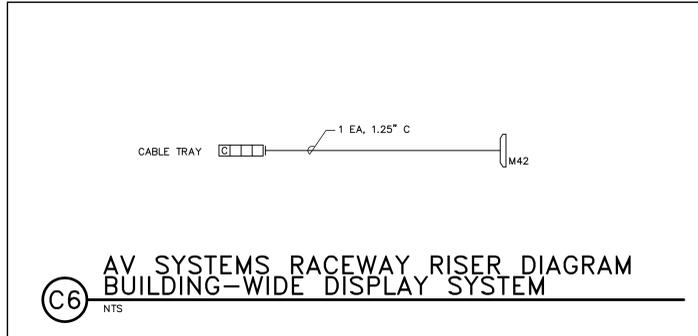


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AV ROUGH IN EQUIPMENT SCHEDULE			
SYMBOL	DESCRIPTION	MOUNTING	SPECIAL INSTRUCTIONS
M	MEDIA JUNCTION BOX 24" X 24" X 6", W/SCREW ON COVER	ABOVE FINISHED CEILING, FRONT WALL	UP-SIZE "M" IN ROOM 213 TO ACCOMMODATE ADDITIONAL SPECIFIED CONDUIT
⊙	SPEAKER JUNCTION BOX, 4" SQUARE W/ 1 GANG MUD RING	FLUSH IN WALL, APPROXIMATELY 12" BELOW FINISHED CEILING, 24" FROM SIDE WALL UNLESS OTHERWISE NOTED	CONFIRM LOCATION W/ ARCHITECTURAL ELEVATIONS, COORDINATE W/ PROJECTION SCREEN PRIOR TO INSTALLATION
□	PROJECTOR JUNCTION BOX, 4" X 4" X 4"	ABOVE FINISHED CEILING, COORDINATE LOCATION W/ DISPLAY DEVICE SCHEDULE	LOCATE PERPENDICULAR TO CENTER OF PROJECTION SCREEN
DOC	DOCUMENT CAMERA JUNCTION BOX, 4" SQUARE W/ 2 GANG MUD RING	ABOVE FINISHED CEILING	LOCATE DIRECTLY ABOVE LECTERN, CONFIRM EXACT LOCATION W/TRAVIS TASKER PRIOR TO INSTALLATION
SC	PROJECTION SCREEN CONTROL JUNCTION BOX, 4" SQUARE W/ 1 GANG MUD RING	FLUSH IN WALL AT ELECTRICAL SWITCH HEIGHT	
⏏	FLAT PANEL MONITOR, CHIEF PACSIS	FLUSH IN WALL AT APPROXIMATELY 63" AFF EXCEPT WHERE NOTED	
⊙	SPEAKER ENCLOSURE, MANUFACTURER: MODEL #: ATLAS SOUND FA97-6 W/FA81-6 OR FA-TR6	FLUSH IN FINISHED CEILING	
⏏	EQUIPMENT RACK #1, NO REQUIREMENT	FLOOR	FURNISHED AND INSTALLED BY UVSC
⏏	EQUIPMENT RACK, LECTERN	FLOOR	INSTALLED BY AV CONTRACTOR
TP	TOUCH PANEL	WALL AT ELECTRICAL SWITCH HEIGHT	FURNISHED BY AV INSTALLER, INSTALLED BY ELECTRICAL INSTALLER

- REFERENCE NOTES
- GENERAL SHEET NOTES**
- INSTALL ALL CONDUIT IN A CONCEALED FASHION. SURFACE MOUNTED CONDUIT WILL NOT BE ACCEPTED.
 - MAINTAIN MAXIMUM SEPARATION BETWEEN A/V SYSTEM CONDUIT AND ALL POWER CONDUIT.
 - INSTALL NYLON PULL STRINGS IN ALL A/V SYSTEM CONDUIT.
 - SUPPORT THE ENTIRE WEIGHT OF ALL SPEAKER ENCLOSURES FROM THE BUILDING STRUCTURE.
 - IF THE BOXES, ENCLOSURES, & CABINETS SPECIFIED ARE NOT PROVIDED FROM THE MANUFACTURER WITH THE REQUIRED KNOCK OUTS FOR THE SPECIFIED CONDUIT, FIELD CUT ALL REQUIRED KNOCK OUTS TO TERMINATE THE QUANTITY AND SIZES OF THE SPECIFIED CONDUITS.
 - THE ROUGH-IN LOCATIONS FOR PROJECTORS (P) SHOWN ON THE FLOOR PLAN DRAWINGS ARE APPROXIMATE. REFER TO THE DISPLAY DEVICE SCHEDULE FOR ACTUAL PROJECTION DISTANCES. LOCATE ROUGH-IN FOR PROJECTORS IN COMPLIANCE WITH THE DISPLAY DEVICE SCHEDULE.
 - VERIFY THE MOUNTING HEIGHT OF ALL FLAT PANEL MONITOR POWER OUTLETS AND SIGNAL JUNCTION BOXES WITH TRAVIS TASKER AT UVSC PRIOR TO INSTALLATION
 - COMPLY WITH ALL SPECIFICATIONS THAT ARE IN THE UVSC MASTER CABLING SPECS DOCUMENTS.

OWNER WILL FURNISH AND INSTALL ALL AV EQUIPMENT INDICATED ON TA SHEETS. ALL ROUGH IN AND EQUIPMENT ON EJ SHEETS SHALL BE PROVIDED UNDER THE GENERAL CONTRACT. PROVIDE COORDINATION OF ALL ITEMS WITH UVU MEDIA SERVICES PERSONNEL.



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REVISIONS:	PROJECT NO:
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04/19/10 ADD #02	DATE:
	2/16/10
	SHEET:
	EJ6-01

AV ROUGH-IN SCHEDULES, DETAILS, AND RISER DIAGRAMS
SCALE: AS NOTED

100% CONSTRUCTION DOCUMENTS

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AUDIO AND VIDEO SYSTEM EQUIPMENT LIST			
THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE ELECTRONIC SYSTEMS INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS SPECIFIED OTHERWISE. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS WHICH MAY NOT BE LISTED HERE, FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.			
SYMBOL	DESCRIPTION	QUANTITY	ACCEPTABLE TYPES
[CSP]	COMPUTER SERVER/PLAYER, OWNER FURNISHED AND CONTRACTOR INSTALLED	OFF	
[DOC]	CEILING DOCUMENT CAMERA, 1280 X 720, WITH MOUNTING HARDWARE	OFF	WOLFVISION EYE-12 WITH TILE BRIDGE
[BHD]	DUAL BLU-RAY AND HD DVD PLAYER	OFF	PANASONIC DMP-BD60
[VCR]	S-VHS CASSETTE RECORDER, FURNISHED BY OWNER, INSTALLED BY CONTRACTOR	OFF	
[P]	PROJECTOR, W/ LENS AND SPARE LAMP, 1280 X 800, 6500 ANSI LUMENS	OFF	PANASONIC PT-DW6300US W/ SUPPLIED LENS/SPARE LAMP
[P]	PROJECTOR CEILING MOUNT KIT, PROVIDE PIPE, COUPLERS, STEEL, ADAPTORS, UNISTRUT, THREADED ROD, FASTENERS, ANCHORS, AND ANY OTHER REQUIRED COMPONENTS TO SPAN STRUCTURE, AIR DUCTS, EXTEND/REDUCE SUPPORT SYSTEM FOR APPROPRIATE ELEVATION AS NEEDED FOR INSTALLATION OF THE SPECIFIED DEVICE. SECURE PROJECTORS TO MOUNTS UTILIZING SECURITY SCREWS.	OFF	CHIEF CMA-450 SERIES & RPA-U SERIES W/ ALL REQUIRED ACCESSORIES (LAY-IN TILE CEILINGS)
[SCR]	PROJECTION SCREEN W/ ELECTRIC ROLL-UP		
[R]	EQUIPMENT RACK #1, 44 RU, 32" DEEP W/ VENTED FRONT AND REAR DOORS, FRONT AND REAR RACK RAILS, SIDE PANELS, VENTED TOP PANEL & SEISMIC BRACKETS	OFF	MIDDLE ATLANTIC WRK-44-32/VD-44/MW-VRD-44/WRK-RR44/SPN-44-312/MW-VT/WRK-Z4
[R]	EQUIPMENT RACK L, EXACT VERTICAL SIZE IS UNKNOWN, CONFIRM VERTICAL OPENING IN LECTERN PRIOR TO PURCHASE, 28" DEEP, RACK FRAME ONLY, CUSTOM CUT RACK RAILS IF NECESSARY	OFF	MIDDLE ATLANTIC 5-21-26 (ESTIMATE 14 RU)
[PA]	POWER AMPLIFIER, DUAL CHANNEL, 75 WATTS, W/ RMK	OFF	CRESTRON QM-AMP3X80MM CROWN D-75A
[PA]	AUDIO POWER AMPLIFIER, 70V, 120 WATTS	OFF	TOA P120MK2 W/ RMK
[RS]	SECURITY COVERS TO CONCEAL ALL EXPOSED AMPLIFIER VOLUME CONTROLS	A/R	MIDDLE ATLANTIC SECS-2 W/ HTX SOREWS OR EQUIVALENT
[M42]	SWITCHER, ANNOTATION SYSTEM W/ RMK	OFF	EXTRON ANNOTATOR
[M42]	FLAT PANEL DISPLAY, LCD, 42" W/OPTIONAL ANALOG AND DIGITAL TUNER CARD AND EXTERNAL SPEAKERS	OFF	NEC MULTIOS M42-AVT W/ANALOG AND DIGITAL TUNER CARD & EXTERNAL SPEAKERS
[M42]	WALL MOUNT BRACKET W/MOUNTING AND SPEAKER MATING PLATES	OFF	CHIEF PNR2241B W/1020-1135
[TP1]	TOUCH PANEL TYPE 1, 5.7", 640 X 480, WALL MOUNT, ACTIVE MATRIX COLOR LCD	OFF	CRESTRON TPS-6L
[T20]	INTERACTIVE PEN TOUCH PANEL DISPLAY, 20" WIDESCREEN, 1680 X 1050	OFF	WACOM CINTIQ 21UX
[VSM]	TILT PANEL MOUNT	OFF	CHIEF FTR SERIES W/ 75MM VESA STANDARD
[VSM]	VIDEO SENSING MODULE	OFF	CRESTRON ST-VS
[PR]	CRESTNET DISTRIBUTION BLOCK	A/R	CRESTRON C2N-HBLOCK/ONTBLOCK
[PR]	ROOM MANAGEMENT SOFTWARE PACKAGE	OFF	CRESTRON ROOM VIEW ENTERPRISE
[CST]	POWER RELAY	A/R	CRESTRON CMPC-1A
[CST]	CONTROL SYSTEM CENTRAL PROCESSOR #1 W/RS-232, IR, RELAYS & ETHERNET CARD, SEE NOTE 18	OFF	CRESTRON PRO2/CZENET1
[CST]	CONTROL SYSTEM CENTRAL PROCESSOR CARDS, RS-232, RELAY	A/R	CRESTRON C2COM-3/CNRY-8
[PS]	POWER SUPPLY	A/R	CRESTRON PW-2420RU
[CNV]	RS-485 TO RS-232 CONVERTOR	A/R	AAXEON STS-19145A
[CBD]	COM PORT MODULE	OFF	CRESTRON ST-COM/CN-TVAV
[AS]	AUDIO SWITCHER, 8x1	OFF	EXTRON SW 8A
[DR]	DRAWER, RACK MOUNT, 2RU	OFF	MIDDLE ATLANTIC UD2
[STKCTR]	STOCK TICKER, 10"-0", LED, RGB, ETHERNET	A/R	RISE DISPLAY WEBTICKER DISPLAY SYSTEM
[WLDCLK]	WORLD CLOCK, 8-ZONE, DIGITAL, LONDON, PARIS, JOHANNESBURG, HONG KONG, SAN FRANCISCO, NEW YORK, TOKYO, SYDNEY	A/R	RISE DISPLAY WORLD CLOCK DISPLAY 8-ZONE
[M42]	LCD MONITOR, 42", EXISTING TO BE RE-LOCATED W/ MOUNT AND SURROUND	OFF	RE-LOCATED BY AV INSTALLER
[M52]	PLAT PANEL VIDEO MONITOR, 52", RS-232 CONTROL, 1080p, LCD W/ SPEAKERS AND INPUT MODULES	OFF	NEC LCD5220 W/ SP-5220
[M57]	WALL MOUNT, TILT W/ MICRO ADJUSTMENTS	OFF	CHIEF FUSION MOUNT LTMU
[M57]	PLAT PANEL VIDEO MONITOR, 57", RS-232 CONTROL, 1080p, LCD W/ SPEAKERS AND INPUT MODULES	OFF	NEC LCD5720 W/ SP-5720
[M57]	WALL MOUNT, TILT W/ MICRO ADJUSTMENTS	OFF	CHIEF FUSION MOUNT XTMU
[DNS]	RISER DIGITAL SIGNAGE SERVER	OFF	OWNER FURNISHED, CONTRACTOR INSTALLED
[DSP]	DIGITAL SIGNAL PROCESSOR	OFF	RANE RPM44
[WR]	WIRELESS MICROPHONE SYSTEM NOTE 1: TRANSMITTER, HAND HELD	OFF	SHURE ULXS/58
[WR]	TRANSMITTER, BODY WORN W/ LAPEL AND HEAD WORN ELEMENTS	OFF	SHURE ULXS/WL184/E6E1
[WR]	RECEIVER W/ DUAL RACK MOUNT KIT	OFF	SHURE ULXS4

A/R = AS REQUIRED, OFF = OBTAIN FROM PLANS, RMK = RACK MOUNT KIT

AUDIO AND VIDEO SYSTEM EQUIPMENT LIST (CON'T)			
THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE ELECTRONIC SYSTEMS INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS SPECIFIED OTHERWISE. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS WHICH MAY NOT BE LISTED HERE, FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.			
SYMBOL	DESCRIPTION	QUANTITY	ACCEPTABLE TYPES
[CP1]	CONNECTION PANEL #1, SEE DETAIL	OFF	PANELCRAFTERS UTAH-CQ-72025-1
[CP2]	CONNECTION PANEL #2, SEE DETAIL	OFF	
[TPT]	MINI TWISTED PAIR TRANSMITTER FOR VGA AND RS-232	OFF	EXTRON MTP T 15HD RS
[TPR]	MINI TWISTED PAIR RECEIVER FOR VGA AND RS-232 WITH SKEW EQUALIZATION	OFF	EXTRON MTP RL 15HD RS SEQ
[SC]	SCAN CONVERTER	OFF	EXTRON VSC500
[RMS]	RGBHV MATRIX SWITCHER 12 X 12 W/AUDIO	OFF	EXTRON CROSSPOINT 450 PLUS 1212 HVA
[RLA]	RGBHV LINE DRIVER	A/R	EXTRON PA 300
[DLA]	DVI LINE AMPLIFIER	OFF	GEFEN EXT-DVI-141-DLBP
[M]	LECTERN MICROPHONE, GOOSENECK W/ SHOCKMOUNT	OFF	SHURE MX418/S
[S]	SPEAKER, FULL RANGE, WALL MOUNTED	OFF	JBL CONTROL 28 W/ WALL MOUNT BRACKET
[S]	SPEAKER ASSEMBLY, CEILING MOUNTED, FULL FREQUENCY, 6" SPEAKER, TRANSFORMER & GRILLE, 70V	OFF	ATLAS SOUND FA136187/FA-720-6
[CPU]	COMPUTER SYSTEM W/MOUSE AND KEYBOARD, OWNER FURNISHED AND CONTRACTOR INSTALLED	OFF	
[TVSS]	TRANSIENT VOLTAGE SURGE SUPPRESSOR, 20A, FOR RACKS	A/R	LEVITON 5500-20N
[TVSS]	TRANSIENT VOLTAGE SURGE SUPPRESSOR, 15A, FOR PROJECTORS AND FLAT PANEL MONITORS	A/R	TRIPP LITE ISOBAR 6 ULTRA
[LM]	MIXER, LINE LEVEL, 3X1	OFF	RADIO DESIGN LABS ST-MX3 EXTRON MIX 301
[AI]	TRANSFORMER, BALANCED TO UNBALANCED	A/R	RADIO DESIGN LABS TX SERIES
[AI]	AUDIO INTERFACE	A/R	RADIO DESIGN LABS STA-1
[ADA]	AUDIO DISTRIBUTION AMPLIFIER 1 X 4	OFF	RADIO DESIGN LABS RU-MLD4
[AI]	SECURITY CABLES, PADDLE LOCKS, KEYS, BRACKETS, ADHESIVES, AND ALL REQUIRED ACCESSORIES. SEE NOTE 11.	A/R	FLEXGUARD ALL PURPOSE SERIES KEY LOCKS TO UVSC STANDARD
[AI]	CUSTOM RACK MOUNT KITS, SEE NOTE 10	A/R	MIDDLE ATLANTIC RSH SERIES
[AI]	CONNECTORS, SEE NOTE 5	A/R	NEUTRIK
[AI]	POWER SUPPLIES, MISC. TRANSFORMERS, SIGNAL SENSORS, PROTOCOL CONVERTERS, SEE NOTES 4, 7, 8	A/R	
[AI]	PATCH CORDS, SEE NOTE 6	A/R	
[AI]	ADAPTER CABLES, SEE NOTE 9	A/R	
[AI]	CABLE, SEE AV CABLE SCHEDULE	A/R	
[AI]	BRAIDED EXPANDABLE NYLON SLEEVING, WIRE LOOM, BLACK, NOTE 14	A/R	TECH FLEX

A/R = AS REQUIRED, OFF = OBTAIN FROM PLANS, RMK = RACK MOUNT KIT

UVU WOODBURY- DISPLAY DEVICE SCHEDULE (DOES NOT INCLUDE THE BUILDING-WIDE DISPLAY SYSTEM FLAT PANELS)

ROOM NAME	ROOM #	PROJ. SCREEN OR FLAT PANEL	PROJECTED IMAGE HEIGHT	PROJECTED IMAGE WIDTH	APPROX. PROJECTOR THROW DISTANCE *	FLAT PANEL SIZE (DIAGONAL)	ASPECT RATIO	COMMENTS
LECTURE ROOM	105	PS	65"	116"	16'		16:9	
LECTURE ROOM	123	PS	65"	116"	16'		16:9	
LECTURE ROOM	126	PS	65"	116"	16'		16:9	
FINANCE LAB	125	PS	65"	116"	16'		16:9	
FINANCE LAB	125	PS	65"	116"	16'		16:9	
FINANCE LAB	125	FP				65"	16:9	
FINANCE LAB	125	FP				65"	16:9	
FINANCE LAB	124B	FP				65"	16:9	
FINANCE LAB	124B	FP				65"	16:9	

TECHNOLOGY SHEET INDEX	
SHEET NO	SHEET TITLE
TA0-01	AV SHEET INDEX, EQUIPMENT LIST, AND NOTES
TA5-01	AV DETAILS
TA6-01	AV SINGLE LINE DIAGRAMS
TT5-01	VOICE-DATA DETAILS
TT6-01	VOICE-DATA SCHEDULE AND RISER DIAGRAMS

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN," "NOTED," "SCHEDULED," AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED," "REQUESTED," "AUTHORIZED," "SELECTED," "APPROVED," "REQUIRED," AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER," "REQUESTED BY THE ENGINEER," AND SIMILAR PHRASES.

APPROVE: THE TERM "APPROVED" WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS.

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

TECHNOLOGY SYSTEMS: THE TERM "TECHNOLOGY SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "LOW VOLTAGE SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...

ABBREVIATIONS

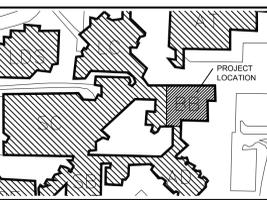
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

"A"	AUDIO
"A/R"	AS REQUIRED
"ADJ"	ADJACENT
"C"	CONDUIT
"CAT"	CATEGORY
"CFI"	CONTRACTOR FURNISHED AND INSTALLED
"CV"	COMPOSITE VIDEO
"DVD"	DIGITAL VERSATILE DISK
"DVI"	DIGITAL VIDEO INTERFACE
"E"	ENHANCED
"EA"	EACH
"EX"	EXISTING
"GR"	GROUND
"HDMI"	HIGH DEFINITION MULTI-MEDIA INTERFACE
"I.O.F."	INSTALLATION OF OWNER FURNISHED EQUIPMENT
"L"	LEFT AUDIO CHANNEL, LINE LEVEL
"MIC"	MIC LEVEL AUDIO
"N.I.C."	NOT IN CONTRACT
"OFI"	OWNER FURNISHED AND CONTRACTOR INSTALLED
"OFI"	OWNER FURNISHED AND INSTALLED
"OFF"	OBTAIN FROM PLANS
"QTY"	QUANTITY
"OP"	OWNER PROVIDED
"R"	RIGHT AUDIO CHANNEL, LINE LEVEL
"RGBHV"	COMPUTER VIDEO
"RMK"	RACK MOUNT KIT
"RU"	RACK UNIT, 1.75"
"TYP"	TYPICAL
"V"	VOLT
"VCR"	VIDEO CASSETTE RECORDER
"VGA"	VIDEO GRAPHICS ARRAY
"VHS"	VIDEO HOME SYSTEM
"W/P"	WITH
"Y/C"	S-VIDEO
"YPP"	COMPONENT VIDEO

GENERAL A/V NOTES		REFERENCE NOTES
<ol style="list-style-type: none"> CONDUCT AN RF FREQUENCY AUDIT OF THE SITE PRIOR TO SELECTION OF WIRELESS RF OPERATING FREQUENCIES. SELECT FREQUENCIES TO ASSURE INTERFERENCE FREE OPERATION. INSTALL ANTENNAS/TRANSCIVERS OUTSIDE OF THE EQUIPMENT RACK, AT AN ARCHITECT APPROVED LOCATION, WHERE THE BEST SYSTEM PERFORMANCE IS ACHIEVED. FILL ALL UNUSED RACK SPACE WITH BLANK/VENT PANELS. INSTALL ALL EQUIPMENT IN COMPLIANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS, SEISMIC CODES, AND INDUSTRY WIDE ACCEPTED RIGGING PRACTICES. SUPPORT EQUIPMENT WEIGHT FROM STRUCTURE ABOVE CEILING. DURING THE SUBMITTAL PROCESS, PROVIDE SHOP DRAWINGS WHICH DETAIL PROPOSED MOUNTING FOR ALL SUCH EQUIPMENT. PROVIDE MANUFACTURER RECOMMENDED POWER SUPPLIES AND/OR TRANSFORMERS FOR ALL SPECIFIED EQUIPMENT. FURNISH AND INSTALL ALL CABLE AND CONNECTORS REQUIRED FOR ALL AUDIO AND VIDEO SYSTEMS TO COMPLETE MANUFACTURER RECOMMENDED CABLE TO EQUIPMENT TERMINATION TO FORM A COMPLETE AND FULLY FUNCTIONAL SYSTEM AS SHOWN. SELECT CABLES WITH SHIELDED CONNECTORS WHICH PASS FULL BANDWIDTH CAPABILITY OF SPECIFIED CABLE. PROVIDE CABLE TYPES AS CONTROL SYSTEMS, IN ORDER TO MAINTAIN COMPLIANCE WITH THE ESTABLISHED CAMPUS STANDARDS. SUBSTITUTION REQUESTS WILL NOT BE ACCEPTED OR CONSIDERED FOR AV CONTROL SYSTEMS. PROVIDE PATCH CABLES TO FULLY INTERCONNECT ALL SPECIFIED AND/OR OWNER FURNISHED EQUIPMENT WITH THE SPECIFIED CONNECTION PANELS, SYSTEM INTERFACES, AND MISCELLANEOUS EQUIPMENT. PROVIDE MANUFACTURER RECOMMENDED, AND INDUSTRY STANDARD, SIGNAL LEVELS THROUGHOUT ENTIRE SYSTEM. PROVIDE ALL REQUIRED DISTRIBUTION AND PROCESSING EQUIPMENT, INCLUDING BUT NOT LIMITED TO SIGNAL DISTRIBUTION AMPLIFIERS, LINE AMPLIFIERS, LINE DRIVERS, EQUALIZING AMPLIFIERS, GROUND/HUM ISOLATORS, MATCHING/ISOLATION TRANSFORMERS, CONTROL BUS DEVICES, ETC..., WHETHER SHOWN IN THE SINGLE LINE DIAGRAMS OR NOT. PROVIDE POWER, CURRENT, AND/OR SIGNAL SENSORS FOR ALL EQUIPMENT WHERE IT IS NECESSARY FOR CORRECT CONTROL SYSTEM OPERATION. PROVIDE PRE-MANUFACTURED ADAPTER CABLES WHERE REQUIRED FOR MATING CABLE TO CONNECTORS. THESE WILL INCLUDE, BUT ARE NOT LIMITED TO, ADAPTERS WHICH MATE RGBHV CABLE TO 15 PIN HD CONNECTORS, TWO VIDEO CABLES TO 4 PIN DIN CONNECTORS, HDMI TO DVI, AND OTHER SIMILAR TERMINATION REQUIREMENTS. AVOID THE USE OF ADAPTER CABLES. PROVIDE RACK MOUNT KITS FOR ALL RACK MOUNTED EQUIPMENT. WHERE MANUFACTURERS DID NOT PROVIDE RACK MOUNT KITS, PROVIDE CUSTOM RACK MOUNT KITS AS SPECIFIED. UNLESS OTHERWISE NOTED SECURE EVERY PIECE OF A/V SYSTEM EQUIPMENT SUCH THAT IT CANNOT BE REMOVED BY UNAUTHORIZED PERSONS. SECURED EQUIPMENT SHALL INCLUDE, BUT NOT LIMITED TO WALL MOUNTED SPEAKERS, PROJECTORS, TOUCH PANELS, CAMERAS, OWNER FURNISHED CPUs & MONITORS, ALL RACK MOUNTED EQUIPMENT, AND ALL EQUIPMENT INSTALLED IN/ON MILLWORK. KEY LOCK TO UVSC STANDARD. UTILIZE THE SPECIFIED SECURITY CABLE AND PADDLE LOCK SYSTEM. SUBMIT PROPOSED ADHESIVE MOUNTING LOCATION DURING SUBMITTAL PROCESS. DO NOT SECURE KEYBOARDS AND MICE. IN ADDITION AFFIX ALL RACK MOUNTED EQUIPMENT NOT COVERED BY MILLWORK DOOR W/TAMPER-PROOF RACK SCREWS. LOCATE AND INSTALL PROJECTOR AND SCREEN SUCH THAT THE IMAGE SIZE SPECIFIED IN THE PROJECTION SCREEN SCHEDULE IS ACHIEVED. PROVIDE APPROPRIATE LENS FOR IMAGE SIZE AND THROW DISTANCE. IF AN INSTANCE IS ENCOUNTERED WHERE CABLE MUST BE INSTALLED INSIDE OF AN AIR FLENUM, FURNISH THE PLENUM RATED EQUIVALENT TO THE CABLE SPECIFIED. WHERE ANY CABLE IS INSTALLED IN A FASHION WHERE EXPOSED TO PUBLIC VIEW, INSTALL CABLE INSIDE THE SPECIFIED BRANDED EXPANDABLE SLEEVING. EXAMPLES OF SUCH LOCATIONS INCLUDE, BUT ARE NOT LIMITED TO EQUIPMENT ITEMS ON LECTERNS AND CEILING MOUNTED PROJECTORS. CONTROL SPECIFIED DEVICES UTILIZING THE MOST SOPHISTICATED COMMUNICATIONS PROTOCOL AVAILABLE ON THE DEVICE TO BE CONTROLLED. ALWAYS USE RS-232 WHEN AVAILABLE. PROVIDE POWER SUPPLIES FOR ALL ACTIVE EXTRON CONNECTION PANELS AND REMOTE CONTROL PANELS. LOCATE POWER SUPPLIES IN EQUIPMENT RACK, AND POWER DEVICES REMOTELY. PROVIDE ALL EQUIPMENT, CARDS, MEMORY, HARDWARE AND SOFTWARE TO NETWORK ALL CONTROL SYSTEM PROCESSORS TOGETHER USING THE OWNER'S ETHERNET NETWORK. CONNECT EVERY CONTROL SYSTEM PROCESSOR TO THE OWNER'S NETWORK AND MAKE FULLY FUNCTIONAL WITH THE SPECIFIED ROOM MANAGEMENT SYSTEM SOFTWARE PACKAGE. POPULATE CONTROL SYSTEM CENTRAL PROCESSORS WITH RS-232 AND/OR RELAY OUTPUT CARDS AS REQUIRED TO COMPLY WITH THE CONTROL SYSTEM REQUIREMENTS IDENTIFIED IN THE CONTROL SYSTEM SINGLE LINE DIAGRAMS SHOWN IN THE 600 SERIES SHEETS & THE PROGRAMMING OUTLINE IN THE SPECIFICATIONS. 		<ol style="list-style-type: none"> THE AUDIO AND VIDEO SYSTEM EQUIPMENT LIST IDENTIFIES EQUIPMENT ITEMS OF SIGNIFICANCE BY MANUFACTURER AND MODEL NUMBER. THE SOLE PURPOSE FOR THIS IS TO ESTABLISH LEVELS OF QUALITY AND INDIVIDUAL COMPONENT CAPABILITY FOR ALL EQUIPMENT ITEMS. IT IS NOT THE INTENT OF THE AUDIO AND VIDEO SYSTEM EQUIPMENT LIST TO PRECLUDE THE INSTALLATION OF EQUIPMENT ITEMS FABRICATED BY MANUFACTURERS OTHER THAN THOSE LISTED, SO FAR AS THEY ARE JUDGED TO BE EQUAL TO THOSE EQUIPMENT ITEMS IDENTIFIED IN THE LIST. IF BIDDERS WISH TO FURNISH AND INSTALL ITEMS OTHER THAN THOSE IDENTIFIED IN THE AUDIO AND VIDEO SYSTEM EQUIPMENT LIST APPROVAL MUST BE OBTAINED DURING THE BIDDING PROCESS. TO THIS END, A SUBSTITUTION REQUEST PROCESS HAS BEEN IDENTIFIED IN THE DIVISION 1 SPECIFICATIONS FOR OBTAINING APPROVAL TO FURNISH AND INSTALL APPROVED EQUAL EQUIPMENT ITEMS. THE SPECIFICATIONS AND COMPONENT CAPABILITY OF ALL PROPOSED EQUAL EQUIPMENT ITEMS THAT ARE SUBMITTED IN FULL COMPLIANCE WITH THE SUBSTITUTION PROCESS WILL BE STRICTLY EVALUATED DURING THE BIDDING PROCESS. FINAL DECISIONS REGARDING ALL EQUIPMENT SUBSTITUTION REQUESTS WILL BE MADE BY THE PROJECT ARCHITECT/ENGINEER (A&E). UTAH VALLEY STATE COLLEGE HAS PREVIOUSLY STANDARDIZED ON CRESTRON AS THE CAMPUS STANDARD FOR ALL AV CONTROL SYSTEMS. IN ORDER TO MAINTAIN COMPLIANCE WITH THE ESTABLISHED CAMPUS STANDARDS, SUBSTITUTION REQUESTS WILL NOT BE ACCEPTED OR CONSIDERED FOR AV CONTROL SYSTEMS. UTAH VALLEY UNIVERSITY HAS PREVIOUSLY STANDARDIZED ON NEUTRIK CABLE CONNECTORS. ONLY NEUTRIK CONNECTIONS WILL BE APPROVED. ALL WORK SHALL BE CAREFULLY COORDINATE WITH UVU MEDIA SERVICES. CONTACT TRAVIS TASKER (801-863-8910) FOR COORDINATION OF ALL AV WORK AND INSTALLATION.

THIS SHEET IS SHOWN FOR REFERENCE ONLY, ALL AV WORK IS TO BE FURNISHED AND INSTALLED BY UVU PERSONNEL

KEYPLAN



STAMP

REVISIONS	03/29/10 ADD #01
	04/19/10 ADD #02
PROJECT NO.	09031
DATE	2/16/10
SHEET	TA0-01

AV SHEET INDEX, EQUIPMENT LIST, AND NOTES
SCALE: AS NOTED

100% CONSTRUCTION DOCUMENTS

UVU WOODBURY SCHOOL OF BUSINESS REMODEL
800 WEST UNIVERSITY PARKWAY
OREM, UT 84058

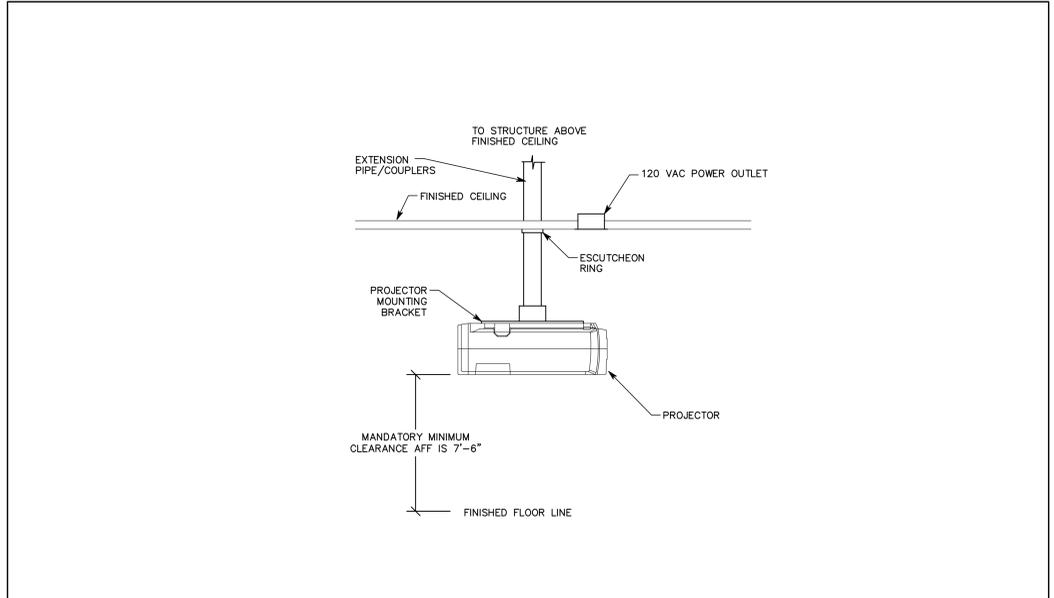
337 West Perimeter Avenue • Salt Lake City, Utah 84119
Telephone 801-338-5101 • Fax 801-338-5107
ARCHITECTURE INTERIOR DESIGN

MJSA

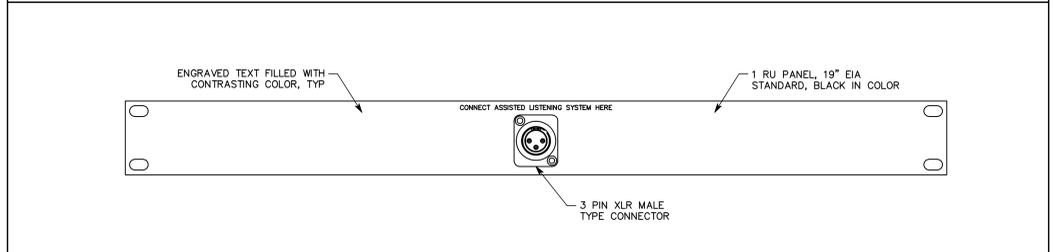
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REFERENCE NOTES

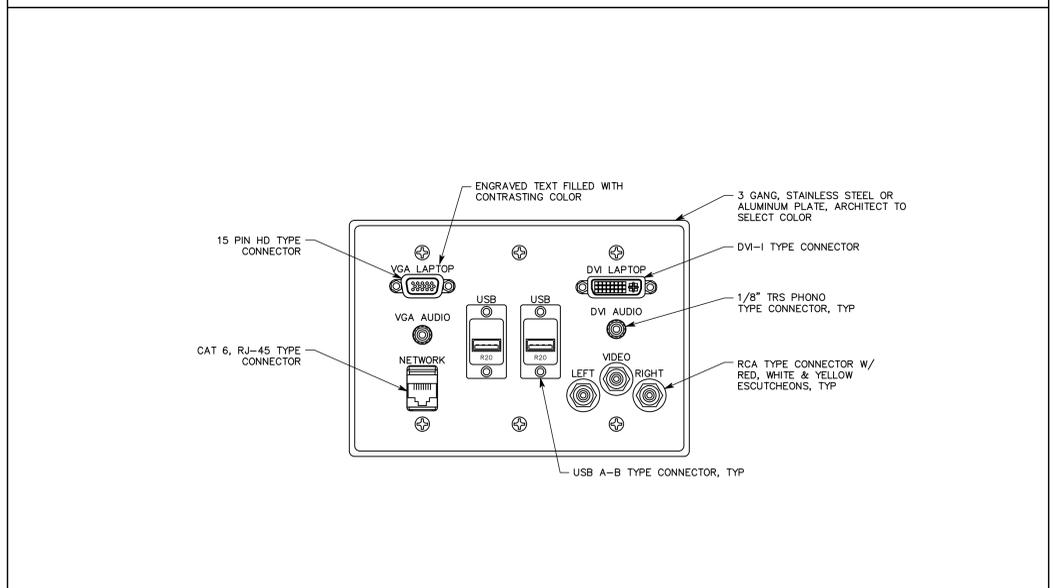
THIS SHEET IS SHOWN FOR REFERENCE ONLY, ALL AV WORK IS TO BE FURNISHED AND INSTALLED BY UVU PERSONNEL



D5 PROJECTOR MOUNTING DETAIL-GYPSUM BOARD CEILING AREAS

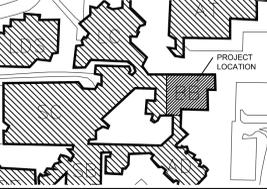


C5 CONNECTION PANEL #2 DETAIL



A5 CONNECTION PANEL #1 DETAIL

KEYPLAN



STAMP

REVISIONS:	03/29/10 ADD #01
	04/19/10 ADD #02
PROJECT NO:	09031
DATE:	2/16/10

AV DETAILS

SCALE: AS NOTED

100% CONSTRUCTION DOCUMENTS

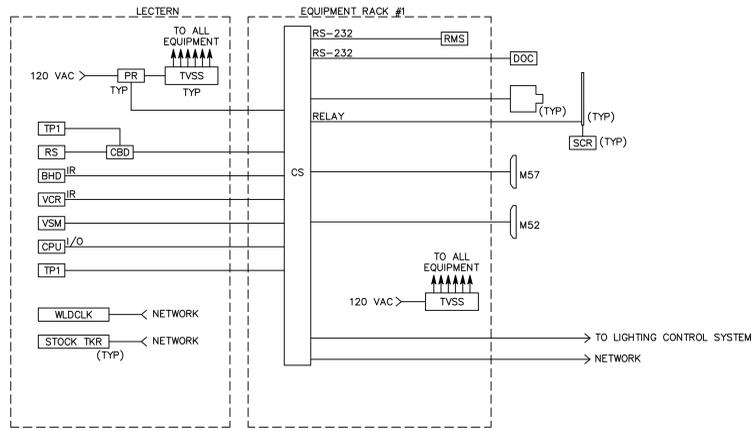
UVU WOODBURY SCHOOL OF BUSINESS REMODEL
800 WEST UNIVERSITY PARKWAY
OREM, UT 84058

307 West Perimeter Avenue • Salt Lake City, Utah 84101
Telephone 801-358-1511 • Fax 801-358-1517
ARCHITECTURE INTERIOR DESIGN

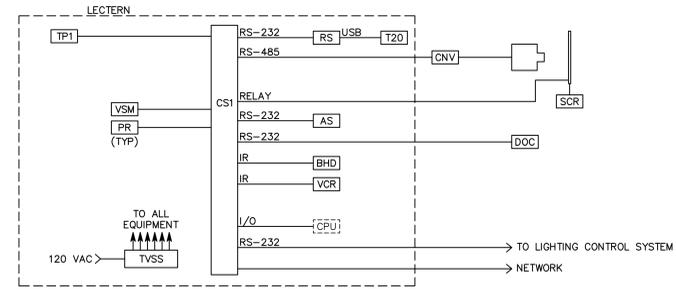
MJSA

REVISIONS:
03/29/10
ADD #01
04/19/10
ADD #02
PROJECT NO:
09031
DATE:
2/16/10
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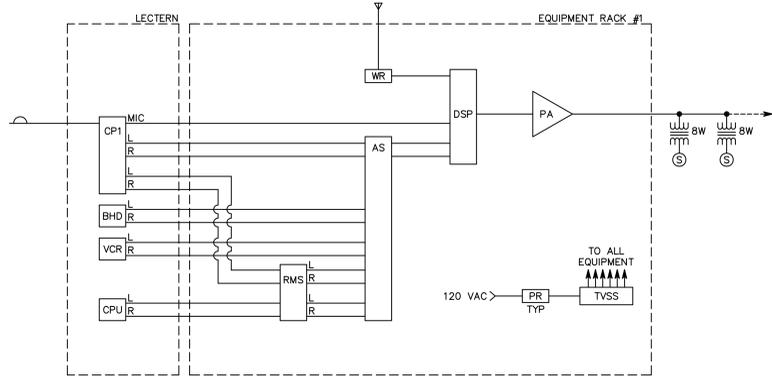
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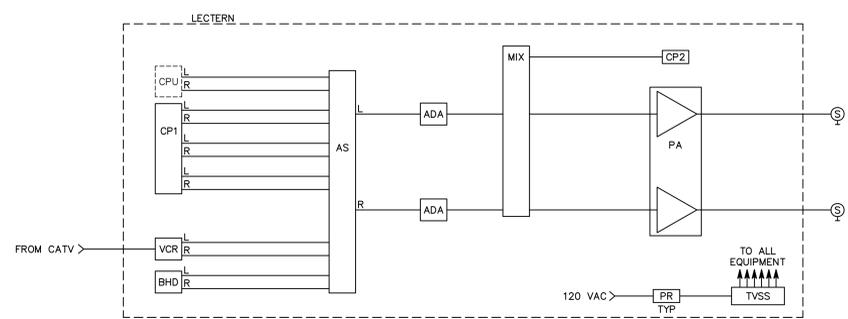
E2 FINANCE LAB 125 CONTROL SYSTEM SINGLE LINE DIAGRAM
NTS



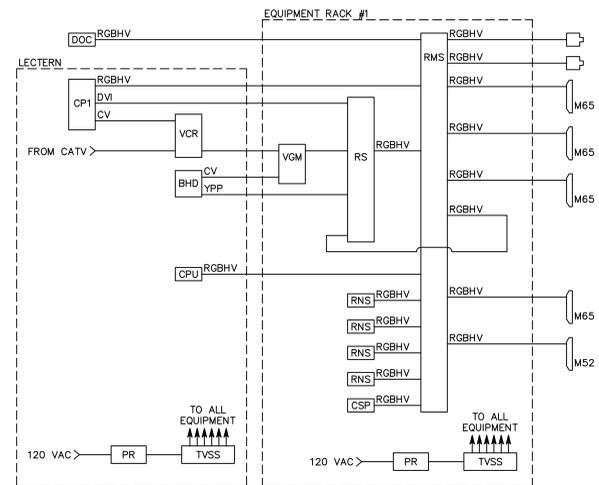
E5 LECTURE 105, 123, 126 CONTROL SYSTEM SINGLE LINE DIAGRAM
NTS



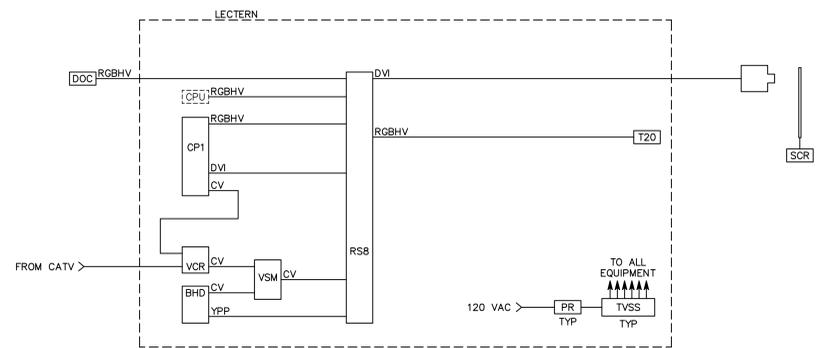
C2 FINANCE LAB 125 AUDIO SYSTEM SINGLE LINE DIAGRAM
NTS



C5 LECTURE 105, 123, 126 AUDIO SYSTEM SINGLE LINE DIAGRAM
NTS



A2 FINANCE LAB 125 VIDEO SYSTEM SINGLE LINE DIAGRAM
NTS

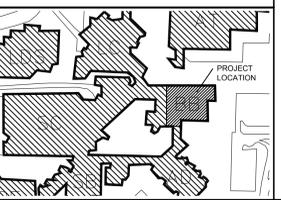


A5 LECTURE 105, 123, 126 VIDEO SYSTEM SINGLE LINE DIAGRAM
NTS

REFERENCE NOTES

THIS SHEET IS SHOWN FOR REFERENCE ONLY, ALL AV WORK IS TO BE FURNISHED AND INSTALLED BY UVU PERSONNEL

KEYPLAN



STAMP

REVISIONS:	03/29/10 ADD #01
	04/19/10 ADD #02
PROJECT NO.:	09031
DATE:	2/16/10
AV SINGLE LINE DIAGRAMS	SHEET:
SCALE: AS NOTED	TA6-01

100% CONSTRUCTION DOCUMENTS

UVU WOODBURY SCHOOL OF BUSINESS REMODEL
800 WEST UNIVERSITY PARKWAY
OREM, UT 84058

307 West Perimeter Avenue • Salt Lake City, Utah 84101
Telephone 801-358-5101 • Fax 801-358-5107
ARCHITECTURE INTERIOR DESIGN

MJSA

MJSA

357 West Pierpont Avenue Salt Lake City Utah 84101
Telephone 801 364 5161 Facsimile 801 364 5167

ARCHITECTURE

INTERIOR DESIGN

LETTER OF TRANSMITTAL

To: DFCM
4110 State Office Building
Salt Lake City, Utah 84114
Phone: (801) 538-3018
Attention: Mike Ambre

Date: 4-19-10
Project Name: UVU Woodbury Business Building Remodel
Client Project Number: 09171790
MJSA Project Number: 09031

We are sending to you:
Attached: XX
Under separate Cover:
The following item via:

Copies	Date	File Number	Description
2	04-19-10		Addendum #3

Remarks:

For your use.

Thank you,

From: _____
Derrick Larm

Copies to: Project File - 09031

Date: April 19, 2010
Project: **UVU – WOODBURY SCHOOL OF BUSINESS REMODEL**
800 West University Parkway
Orem, Utah 84058

ADDENDUM #03 to the “Construction Documents”

Prepared by:
MJSA Architects
357 West Pierpont Avenue
Salt Lake City, Utah 84101
and issued on April 19, 2010

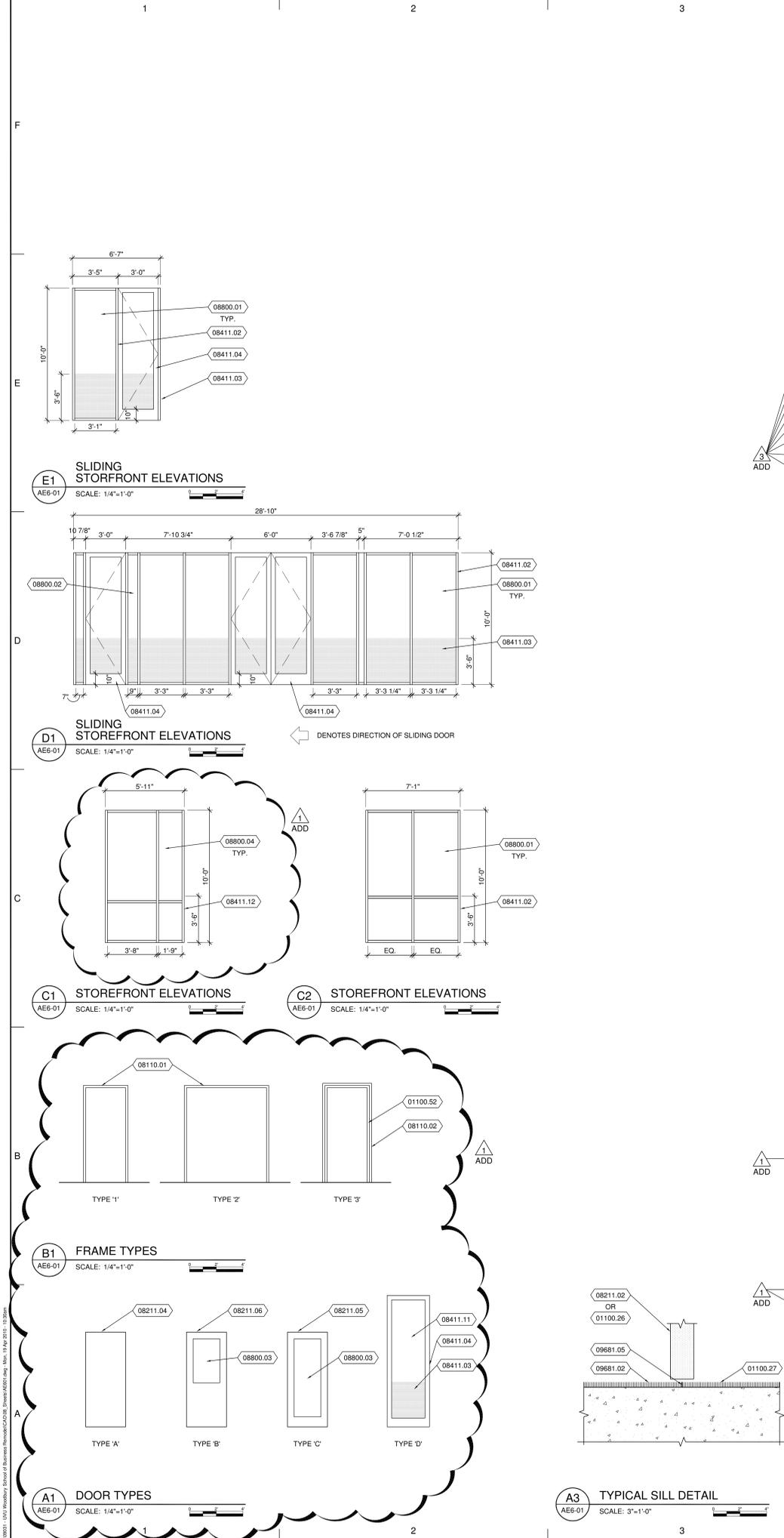
This Addendum, issued on April 19, 2010, is for all persons preparing Bids for the above named project; and, as such, shall be made a part of the Contract Documents. Changes, corrections, and deletions enumerated herein shall be included in the Bidder’s Proposal. In case of any conflict between the drawings, specifications, and this addendum, this addendum shall govern.

REVISIONS TO THE DRAWINGS:

03.01 SHEET AE6-01

Change: Level Two Finish Schedule “Corridors 200A-200H”, Column “Door and Trim”
Changed to “Exist.” The existing doors in these corridors are not to be re-finished.

END OF ADDENDUM #03



LEVEL ONE FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	NORTH BASE	EAST BASE	SOUTH BASE	WEST BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	DOOR AND TRIM	CEILING	COMMENTS
101	CORRIDOR	CP-1 / CP-2	B-1	B-1	B-1	B-1	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1 / PA-3	EXPOSED BRICK WALL NOT TO RECEIVE BASE
101D	MBA OFFICE	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	-
101E	MBA OFFICE	CP-2	B-2	B-2	B-2	B-2	PA-1	EX. BRICK	EX. BRICK	PA-1	PA-4	AC-1	-
101F	CORRIDOR	CP-2	B-1	B-1	B-1	B-1	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	EXPOSED BRICK WALL NOT TO RECEIVE BASE
101G	CORRIDOR	CP-2	B-1	B-1	B-1	B-1	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	EXPOSED BRICK WALL NOT TO RECEIVE BASE
101H	CORRIDOR	CP-2	B-1	B-1	B-1	B-1	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	EXPOSED BRICK WALL NOT TO RECEIVE BASE
101J	CORRIDOR	CP-2	B-2	B-2	B-2	B-2	EXIST.	EXIST.	EXIST.	EXIST.	PA-4	EXIST.	SEE ALT#4. EXPOSED BRICK WALL NOT TO RECEIVE BASE
101K	CORRIDOR	CP-2	B-2	B-2	B-2	B-2	EXIST.	EXIST.	EXIST.	EXIST.	PA-4	EXIST.	SEE ALT#4. EXPOSED BRICK WALL NOT TO RECEIVE BASE
101L	CORRIDOR	CP-2	B-2	B-2	B-2	B-2	EXIST.	EXIST.	EXIST.	EXIST.	PA-4	EXIST.	SEE ALT#4. EXPOSED BRICK WALL NOT TO RECEIVE BASE
105	LECTURE	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	-
111	COMPUTER LAB	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	PL-1 FOR CABINETS, PL-2 FOR COUNTERTOP
123	LECTURE	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	ROPPE #11 STAIR NOSING AT ALL TRANSITIONS
124C	SERVER ROOM	SC-1	-	-	-	-	-	-	-	-	PA-4	-	EXISTING FINISHES TO REMAIN, PL-2 FOR COUNTERTOP
125	FINANCIAL LAB	CP-2	B-2	B-2	B-2	B-2	PA-1/PA-2	PA-1/PA-2	PA-1/PA-2	PA-1/PA-2	PA-4	AC-1 / PA-3	PL-3 FOR CABINETS, PL-4 FOR COUNTERTOP
126	LECTURE	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	ROPPE #11 STAIR NOSING AT ALL TRANSITIONS
126A	ELECTRICAL ROOM	SC-1	-	-	-	-	-	-	-	-	PA-4	-	EXISTING FINISHES TO REMAIN
127	MBA OFFICE	CP-2	B-1	B-1	-	B-1	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	-

LEVEL TWO FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	NORTH BASE	EAST BASE	SOUTH BASE	WEST BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	DOOR AND TRIM	CEILING	COMMENTS
200	CORRIDOR	CP-1 / CP-2	B-1	B-1	B-1	B-1	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1 / PA-3	EXPOSED BRICK WALL NOT TO RECEIVE BASE
200A	CORRIDOR	CP-2	B-2	B-2	B-2	B-2	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	SEE ALT#4. EXPOSED BRICK WALL NOT TO RECEIVE BASE
200B	CORRIDOR	CP-2	B-2	B-2	B-2	B-2	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	SEE ALT#4. EXPOSED BRICK WALL NOT TO RECEIVE BASE
200C	CORRIDOR	CP-2	B-2	B-2	B-2	B-2	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	SEE ALT#4. EXPOSED BRICK WALL NOT TO RECEIVE BASE
200D	CORRIDOR	CP-2	B-2	B-2	B-2	B-2	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	SEE ALT#4. EXPOSED BRICK WALL NOT TO RECEIVE BASE
200E	CORRIDOR	CP-2	B-2	B-2	B-2	B-2	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	SEE ALT#4. EXPOSED BRICK WALL NOT TO RECEIVE BASE
200F	CORRIDOR	CP-2	B-2	B-2	B-2	B-2	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	SEE ALT#4. EXPOSED BRICK WALL NOT TO RECEIVE BASE
200G	CORRIDOR	CP-2	B-2	B-2	B-2	B-2	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	SEE ALT#4. EXPOSED BRICK WALL NOT TO RECEIVE BASE
200H	CORRIDOR	CP-2	B-2	B-2	B-2	B-2	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	SEE ALT#4. EXPOSED BRICK WALL NOT TO RECEIVE BASE
257	ACADEMIC ADVISING	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	PL-1 FOR CABINETS, PL-2 FOR COUNTERTOP
257A	OFFICE	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	SEE ALT. #1
257B	OFFICE	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	SEE ALT. #1
257C	OFFICE	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	SEE ALT. #1
257D	OFFICE	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	SEE ALT. #1
257E	OFFICE	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	SEE ALT. #1
257F	OFFICE	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	SEE ALT. #1
257G	OFFICE	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	AC-1	SEE ALT. #1
257H	VESTIBULE	CP-2	B-2	B-2	B-2	B-2	PA-1	PA-1	PA-1	PA-1	PA-4	PA-3 (EX. GYP.)	SEE ALT. #1

FINISH SCHEDULE KEY

KEY	ITEM	MANUFACTURER	NAME	NUMBER	SIZE	COMMENT
AC-1	2X2 TEGULAR ACOUSTIC TILE	USG	RADAR		24X24 TEGULAR EDGE	
B-1	6" PAINTED WOOD BASE	BENJAMIN MOORE	NOVEMBER RAIN	2142-60		
B-2	4" RUBBER BASE	ROPPE	4" RUBBER COVERED BASE	193 BLACK BROWN		
CP-1	CARPET TILE FIELD	INTERFACE FLOR	URBAN GRID 182	5427 BROWN		
CP-2	CARPET TILE BORDER	INTERFACE FLOR	PANORAMA	5445 BROWN		
CP-3	LOGO	INTERFACE FLOR				
CP-4	WALK-OFF	INTERFACE FLOR	ENTRY LEVEL	7187 BLACK		
PA-1	PAINT COLOR WALL	BENJAMIN MOORE	NOVEMBER RAIN	2142-60		
PA-2	PAINT COLOR ACCENT	BENJAMIN MOORE	TIMOTHY STRAW	2149-40		
PA-3	PAINT COLOR CEILING	BENJAMIN MOORE	CHALK WHITE	2126-70		
PA-4	PAINT DOOR AND TRIM		MATCH EXISTING			PAINT DOOR AND TRIM, BOTH SIDES OF DOOR AND FRAME
PL-1	PLASTIC LAM. FOR CABINETS	PIONITE	SLATE SG228	SUEDE		
PL-2	SOLID SURFACE COUNTERTOP	WILSONART	GIBRALTAR	NATURAL ALMOND D30SL		
PL-3	WOOD VENEER FOR CABINETS	OAK VENEER	RIFT CUT OAK VENEER/HORIZONTAL	ESPRESSO, CLEAR SATIN FINISH		SMART LECTERN
PL-4	SOLID SURFACE COUNTERTOP	WILSONART	GIBRALTAR	DESIGNER WHITE D354SL		SMART LECTERN
SC-1	SEALED CONCRETE					

LEVEL ONE DOOR SCHEDULE

DOOR ROOM NUMBER	DOOR WD	DOOR HEIGHT	DOOR THK	DOOR ELEVATION	FRAME MATERIAL	FRAME ELEVATION	WALL TYPE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	RATING	HARDWARE GROUP	COMMENTS	
101D	101D	3-0	10-0	1-3/4	A1/AE6-01 TYPE 'D'	ALUM	D1/AE6-01	-	C6/AE5-01	C7/AE5-01	C6/AE5-01	20 MIN.	01	ALUMINUM STOREFRONT, DARK BRONZE TO MATCH EXISTING
101E	101E	3-0	10-0	1-3/4	A1/AE6-01 TYPE 'D'	ALUM.	E1/AE6-01	-	A5/AE5-01	E7/AE5-01	A5/AE5-01	20 MIN.	01	ALUMINUM STOREFRONT, DARK BRONZE TO MATCH EXISTING
123A	123	EX	EX	EX	EX	EX	EX	F3/AE5-01	F3/AE5-01	A4/AE6-01	-	EX	-	JAMB EXTENDER ONLY
125A	125	3-0	8-0	1-3/4"	A1/AE6-01 TYPE 'C'	HM	B1/AE6-01 TYPE '1'	01A	E3/AE5-01	E3/AE5-01	A3/AE6-01	20 MIN.	03	-
125B	125	3-0	8-0	1-3/4"	A1/AE6-01 TYPE 'C'	HM	B1/AE6-01 TYPE '1'	01A	E3/AE5-01	E3/AE5-01	A3/AE6-01	20 MIN.	03	-
125C	125	3-0	8-0	1-3/4"	A1/AE6-01 TYPE 'A'	HM	B1/AE6-01 TYPE '1'	01A	E3/AE5-01	E3/AE5-01	A3/AE6-01	20 MIN.	02	-
126A	126A	3-0	8-0	1-3/4"	A1/AE6-01 TYPE 'A'	HM	B1/AE6-01 TYPE '1'	EXIST. BLOCK	E2/AE5-01 (SIM.)	E2/AE5-01	A4/AE6-01	20 MIN.	02	-
126A	126	EX	EX	EX	EX	EX	EX	E2/AE5-01	E2/AE5-01	A4/AE6-01	20 MIN.	02	-	JAMB EXTENDER ONLY
127A	127	3-0	10-0	1-3/4	A1/AE6-01 TYPE 'D'	ALUM.	D1/AE6-01	-	C6/AE5-01 (SIM.)	A7, B7/AE5-01	C6/AE5-01 (SIM.)	20 MIN.	01	ALUMINUM STOREFRONT, DARK BRONZE TO MATCH EXISTING

ALL DOORS TO BE RATED 20 MINUTES UNLESS NOTED OTHERWISE

LEVEL TWO DOOR SCHEDULE

DOOR ROOM NUMBER	DOOR WD	DOOR HEIGHT	DOOR THK	DOOR ELEVATION	FRAME MATERIAL	FRAME ELEVATION	WALL TYPE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	RATING	HARDWARE GROUP	COMMENTS	
257A	257	(2) 3-0	7'-0"	1-3/4"	A1/AE6-01 TYPE 'C'	HM	B1/AE6-01 TYPE '2'	01B	E3/AE5-01	E3/AE5-01	A4/AE6-01	20 MIN	05	-
257B	257	3-0	7'-0"	1-3/4"	A1/AE6-01 TYPE 'B'	HM	B1/AE6-01 TYPE '1'	01B	E3/AE5-01	E3/AE5-01	A4/AE6-01	20 MIN	04	-

ALL DOORS TO BE RATED 20 MINUTES UNLESS NOTED OTHERWISE

REFERENCE NOTES

01100.26 EXISTING DOOR AND FRAME TO REMAIN
 01100.27 EXISTING CARPET TO REMAIN
 01100.52 EXISTING HOLLOW METAL FRAME
 03301.03 SEALED CONCRETE. SEE FINISH SCHEDULE
 08110.01 HOLLOW METAL STEEL FRAME. SEE WALL TYPE FOR WIDTH
 08110.02 DOOR JAMB EXTENSION, AT JAMBS AND HEAD.
 08211.02 DOOR AS SCHEDULED, SEE AE6-01
 08211.04 PAINTED FLUSH WOOD DOOR
 08211.05 PAINTED FLUSH WOOD DOOR WITH FULL LITE
 08211.06 PAINTED FLUSH WOOD DOOR WITH HALF LITE, WITH WIRE CHASE TO LOCKSET
 08411.02 ALUMINUM MULLION
 08411.03 CERAMIC FRITTED PORTION OF GLASS, TOP OF FRIT 42" A.F.F.
 08411.04 ALUMINUM STOREFRONT DOOR
 08411.11 GLASS
 08411.12 ALUMINUM STOREFRONT SYSTEM, IS PART OF 1 HR RATED ASSEMBLY
 08800.01 SINGLE PANE, CLEAR, TEMPERED GLASS
 08800.02 SINGLE PANE, CLEAR, SPANDREL PANEL
 08800.03 GLASS, SEE DOOR SCHEDULE FOR FIRE RATING REQUIREMENTS
 08800.04 GLAZING TO BE TEMPERED 1 HR. FIRED RATED
 09681.02 CARPET TILE
 09681.04 CARPET TO SEALED CONCRETE REDUCING STRIP
 09681.05 NEW CARPET TO BUT INTO EXISTING CARPET UNDER DOOR CENTERLINE

GENERAL NOTES

A. ALL GLAZING IN ALL DOORS AND WALL ADJACENT TO DOOR AND WITHIN 18" OF WALL TO BE SAFETY GLAZING PER IBC SECTION 2406.3.

KEYPLAN

STAMP

STATE OF UTAH
 ROBERT M. JENKINS
 #1142
 LICENSED ARCHITECT
 2/16/10

FINISH SCHEDULE

SCALE: AS NOTED

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CONSTRUCTION DOCUMENTS 100%
 UUV WOODBURY SCHOOL OF BUSINESS REMODEL
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 ARCHITECTURE INTERIOR DESIGN

M.J.S.A.

REVISIONS:
 ADDENDUM #1 3-29-10
 ADDENDUM #3 4-19-10
 PROJECT NO.: 09031
 DATE: 2/16/10
 SHEET: AE6-01