

Architect's Supplemental Instructions

Architect's Project No:
04561.01

Architect's ASI No: 063

Project:
Webster University
Interdisciplinary Science
Building

Date Issued: 04/21/17

Contract Date:

Reason Code: 06 Owner's Scope

Discipline Code: 03 Electrical

07 General Construction

Owner:
Webster University

Architect:
Cannon Design
1100 Clark Avenue
St. Louis, MO 63102

Contractor:
Paric Construction

Contract For: General Construction

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Indicate your acceptance of these instructions for minor change to the Work as consistent with the Contract Documents and return a copy to the Architect within fourteen (14) business days of the date of issuance of these instructions. If you feel a change in Contract Sum or Contract Time is warranted, please submit an itemized quotation for the changes for approval within fourteen (14) business days of the date of issuance of these instructions prior to proceeding on the Work. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change.

Attachments:

Drawings:

A0202, A0602, A0701.B, A0811
E0101.B, E0103.B

Architect's Supplemental Instructions

Page 2

Description:

Please submit an itemized proposal for changes in contract Sum and Contract Time for proposed modifications to the Contract Documents described herein:

ARCHITECTURAL REVISIONS:

- Revised partition layout and details to accommodate revised Video wall selection per AV drawings.
- Added ceiling mounted curtain tracks in room 131 HEALTH ASSESSMENT LAB.

ELECTRICAL REVISIONS:

ASI-063 is being issued for power receptacle and junction box changes.

SHEET E0101.B – LEVEL 01 AREA B FLOOR PLAN – ELECTRICAL & AUXILIARY

- Move power serving subwoofer to wall. Provide Nema L5-20R twist-lock receptacle in lieu of junction box. See keyed note E57.

SHEET E0103.B – LEVEL 03 AREA B FLOOR PLAN – ELECTRICAL & AUXILIARY

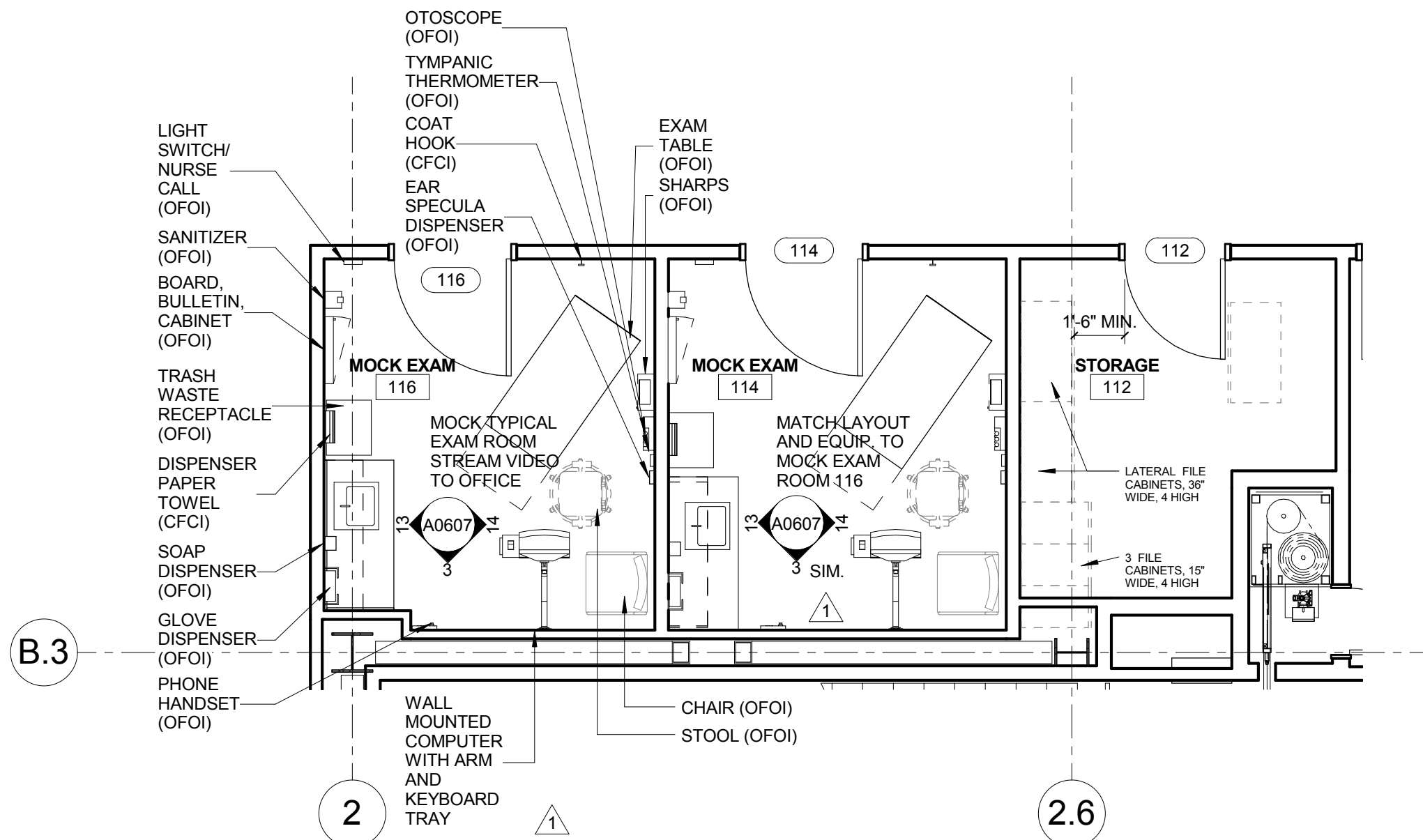
- At column C.3, 3 - Provide j-box in lieu of receptacle for power to furniture.

Issued by Architect: Kelvin Patel, CannonDesign;
Dan Veile, William Tao & Associates, Inc.

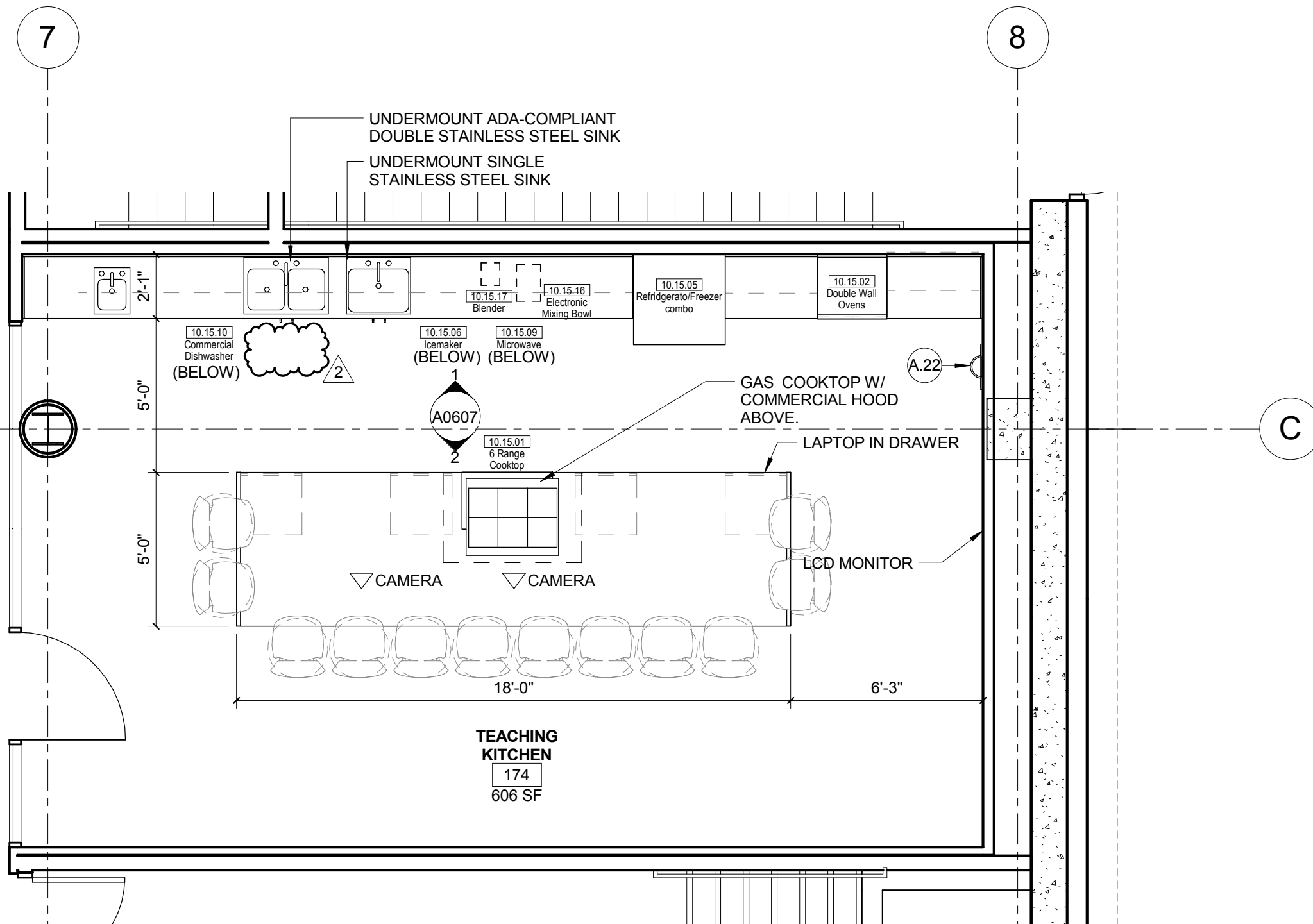
Accepted by Contractor:

KEYED NOTE LEGEND - PLAN

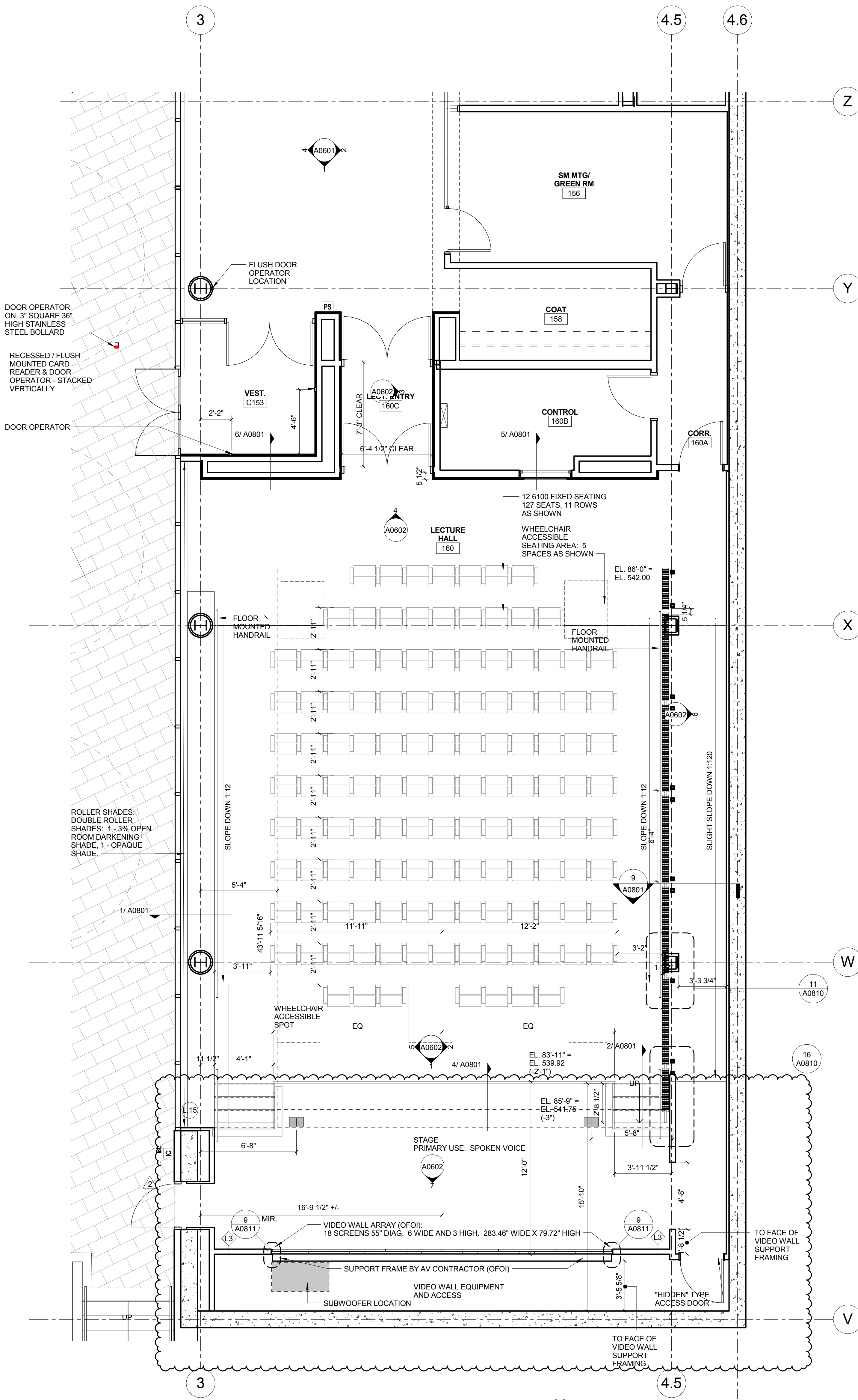
- A.1 002700 GRG COLUMN COVER TO 3" ABOVE CEILING - 20" DIA. TYP. SEE DETAIL 4A0811 AND 13A0842
- A.2 081216 INTERIOR GLAZING SYSTEM: IGS-1: REFER TO TYPICAL INT. ELEVATIONS 1 AND 2 ON SHEET A0603
- A.3 081216 INTERIOR GLAZING SYSTEM IGS-2: SEE TYPICAL ELEVATION 5 AND 6 A0603
- A.4 081216 INTERIOR GLAZING SYSTEM: IGS-3: REFER TO INTERIOR ELEVATIONS
- A.5 088813 FIRE RATED GLAZING- 120 MIN. FIRE RATED GLAZING 10'-0" HIGH. BASIS OF DESIGN: VETROTECH CONTRAFILAMM STRUTTURA - WITH BUTT JOINTS AND PERIMETER FRAMING.
- A.6 088813 FIRE RATED GLAZING AND FRAME- 120 MIN. FIRE RATED GLAZING 1'-8" HIGH X 5'-0" WIDE. BASIS OF DESIGN: VETROTECH CONTRAFILAMM WITH PERIMETER FRAMING.
- A.7 111519 LOADING DOCK LIFT - STATIONARY - 6W X 8' DEEP/W 14" PIT
- A.8 ALTERNATING TREAD STAIRWAY UP TO ROOF HATCH
- A.9 UNDERSLAB DRAINAGE SYSTEM PER OWNER'S GEOTECHNICAL CONSULTANT RECOMMENDATION TYPICAL ALL SLAB ON GRADE AREAS
- A.11 NEW CONCRETE STEPS TO MATCH EXISTING REMOVED FOR CONSTRUCTION
- A.12 553006 BRICK FACED CONCRETE DUMPSTER ENCLOSURE TOP OF WALL
- A.13 LCD SIGNAGE SCREEN IN WALL RECESS (OFCI)
- A.14 MARKERSBOARD SURFACE
- A.15 WOOD SCREEN W/ SOLID LUMBER
- A.17 VIDEO WALL - 24 55" SCREENS
- A.18 LCD SCREEN LOCATION (OFCI)
- A.19 AIR PLENUM - INSULATED PLENUM CONSTRUCTION BY DIVISION 23
- A.20 122200 CURTAIN LOCATION
- A.21 104313 AED CABINET LOCATION
- A.22 10 4413 FEC WITH FIRE EXTINGUISHER
- A.23 08 4423 SULL. SASH LOCATION: PROVIDE 1/4" TEMPERED CLEAR GLAZING AT INTERIOR FACE OF CURTAIN WALL MULLIONS FOR ACOUSTICAL SEPARATION.
- A.24 6" X 8" FORMED CONCRETE TRENCH IN FLOOR W/ METAL PLATE COVER. PROVIDE BLIND SIDE WATERPROOFING
- A.25 BUILT IN SALT WATER FISH TANK LOCATION. SIZE APPROX. 7'-6" X 2'-4" X 2'-6" HIGH. LOW IRON GLASS VIEW WINDOW ON CORRIDOR SIDE. SLIDING DOOR ON LAB SIDE. FISH TANK EQUIPMENT BELOW TANK W/ CABINET DOOR ACCESS ON LAB SIDE. FINISHED INTERIOR FACE OF WALLS AND CEILING INSIDE CAVITY W/ WATER RESISTANT GYP BOARD AND EPOXY PAINT
- A.26 LCD SIGNAGE SCREEN IN WALL RECESS (OFCI)
- A.27 CONSTRUCT 2 HOUR RATED SEPARATION BETWEEN BOTTOM OF STAIR AND UTILITY PIPING CROSSING THIS AREA. USE HORIZ. GYP BD. ENCLOSURE ON SHEET A1002



3 LEVEL 01 - AREA B-WEST - MOCK EXAM ROOMS
1/4" = 1'-0"



2 LEVEL 01 AREA A FLOOR PLAN-NORTH - TEACHING KITCHEN
1/4" = 1'-0"



1 LEVEL 01 - AREA B - LECTURE HALL
1/4" = 1'-0"

2	ASI-063	21 APR 2017
1	ADDENDUM 3-2	15 APR 2016
-	ISSUED FOR CONSTRUCTION (BP3)	15 MAR 2016
No.	Description	Date

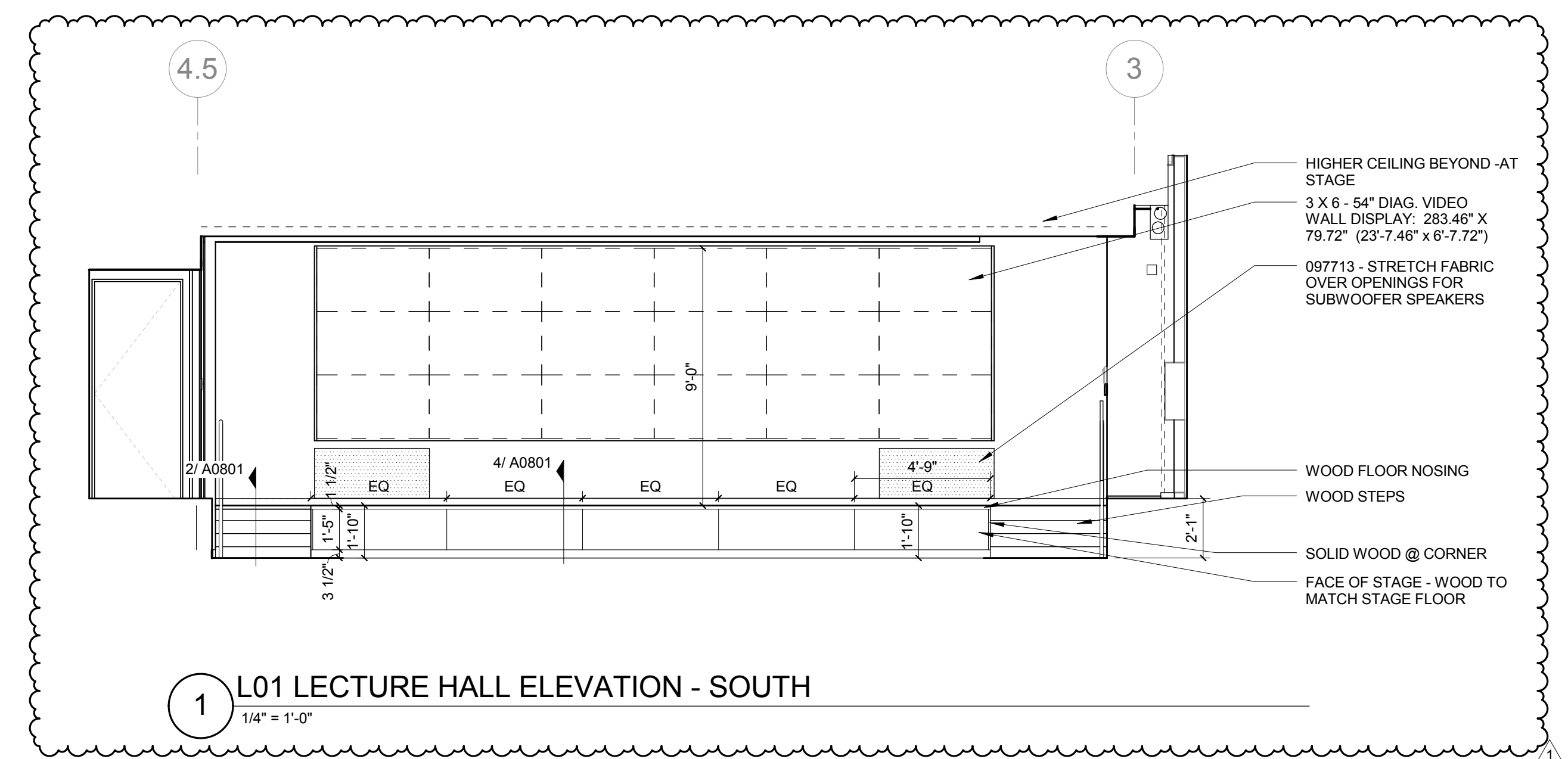
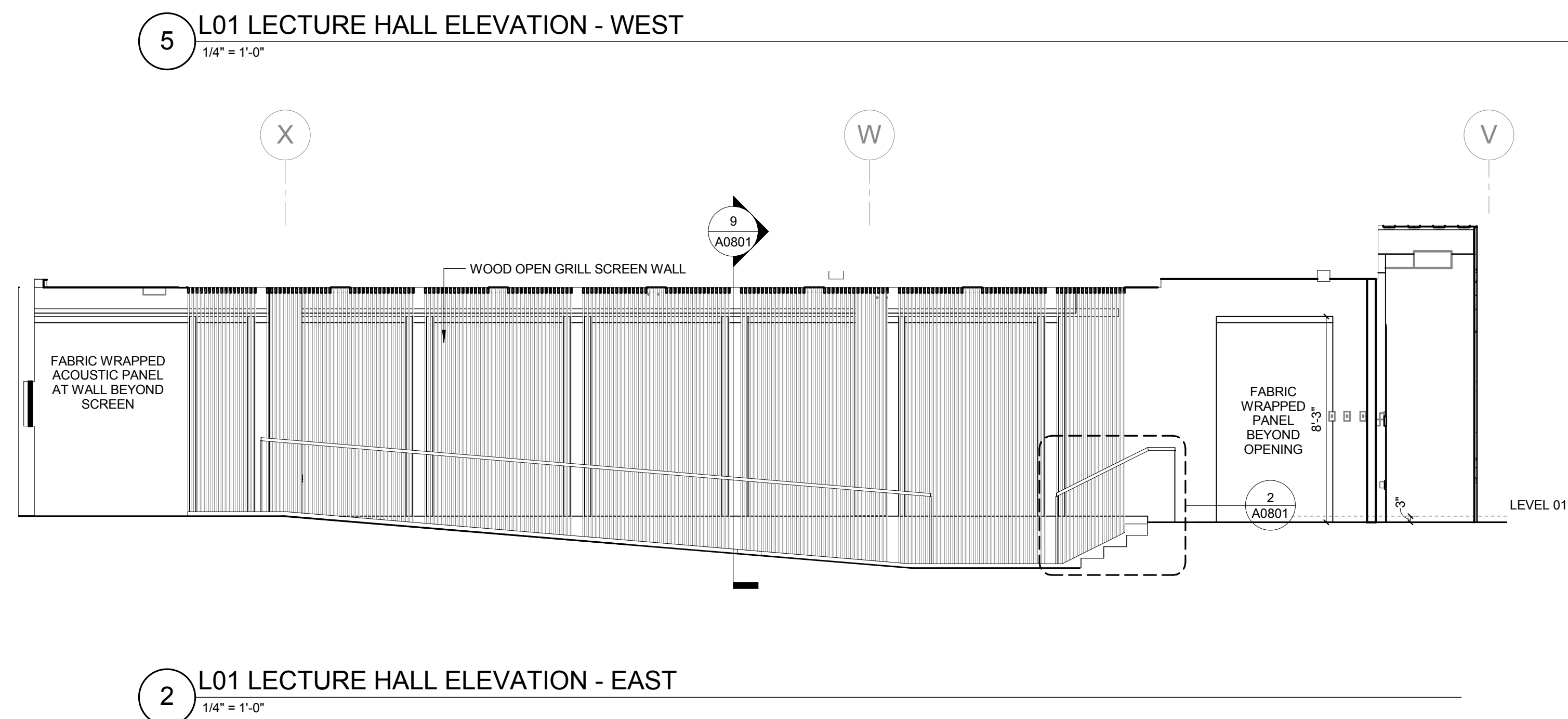
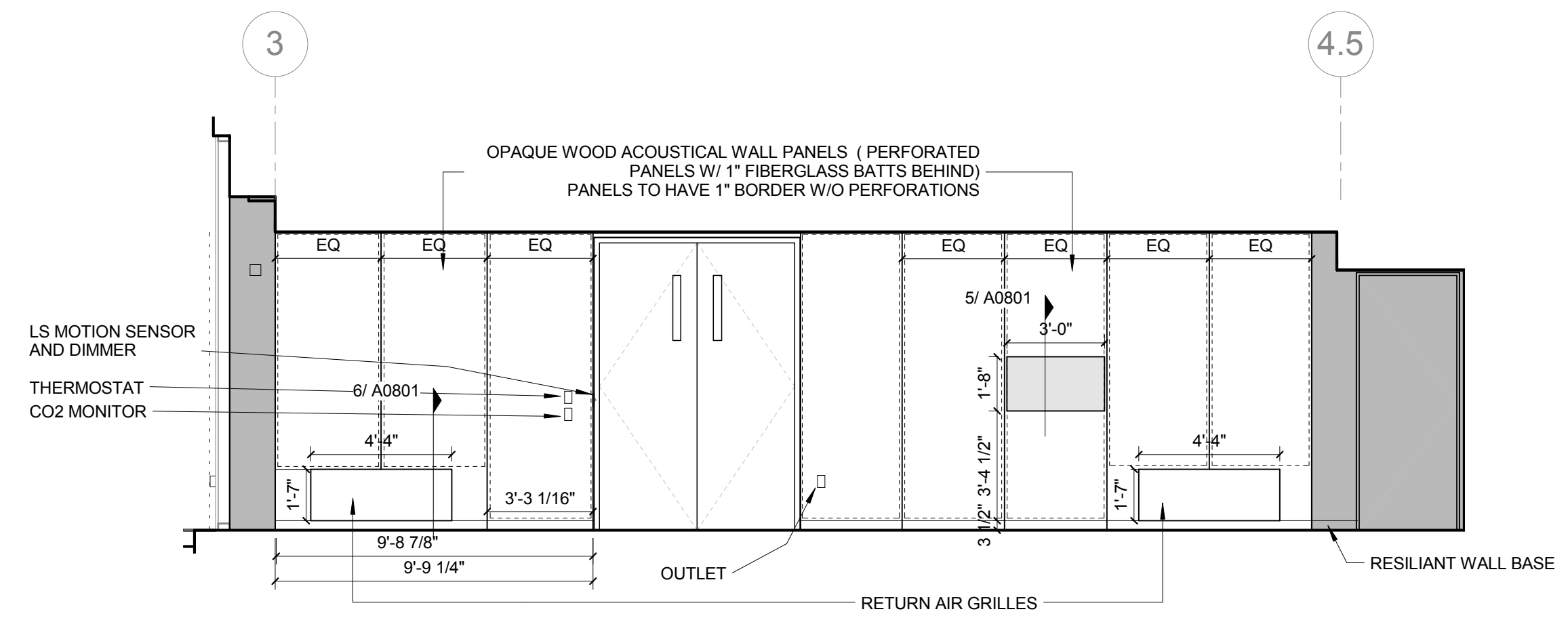
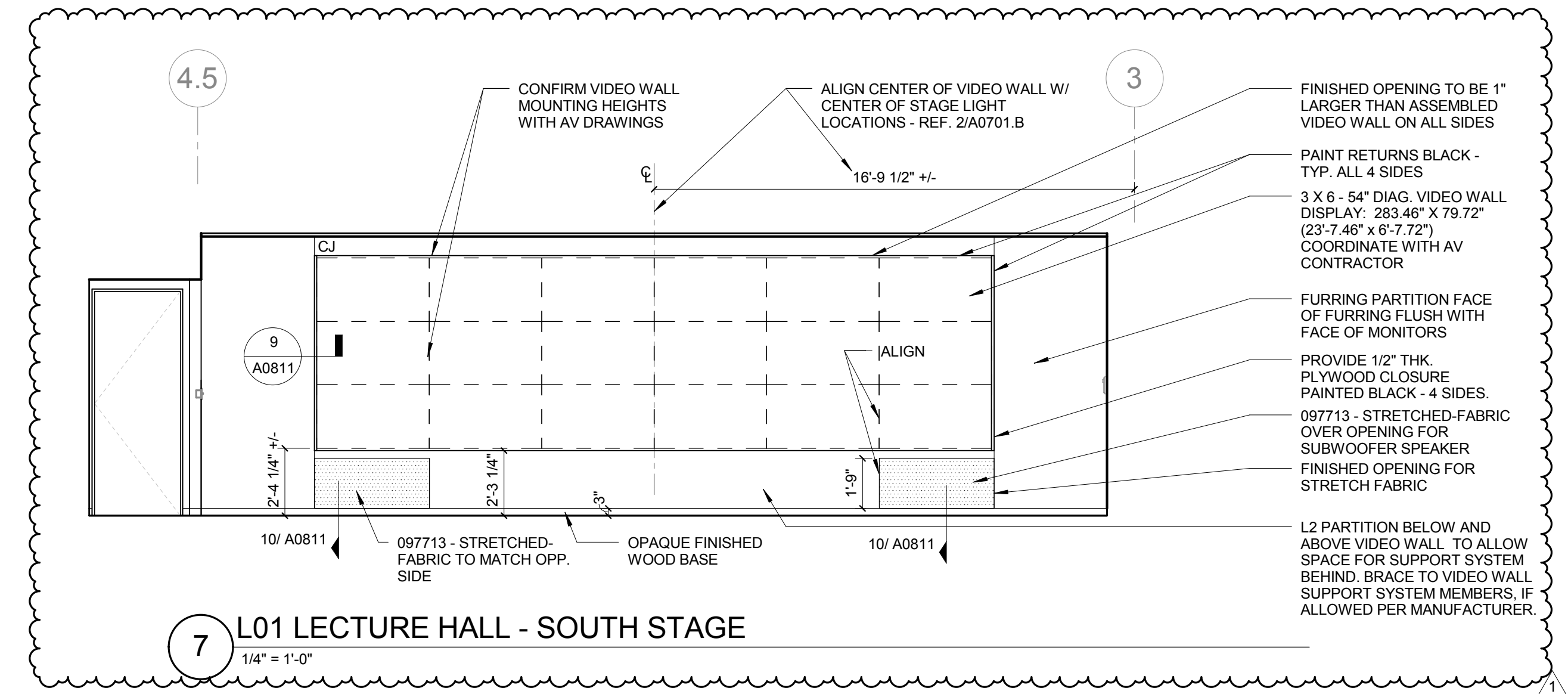
Drawing Title:

ENLARGED PLANS-LEVEL
01

Project No.: 04561.01

Checked by:

A0202



Cannon Design 2015

KEYED NOTE LEGEND - REFLECTED CEILING PLAN

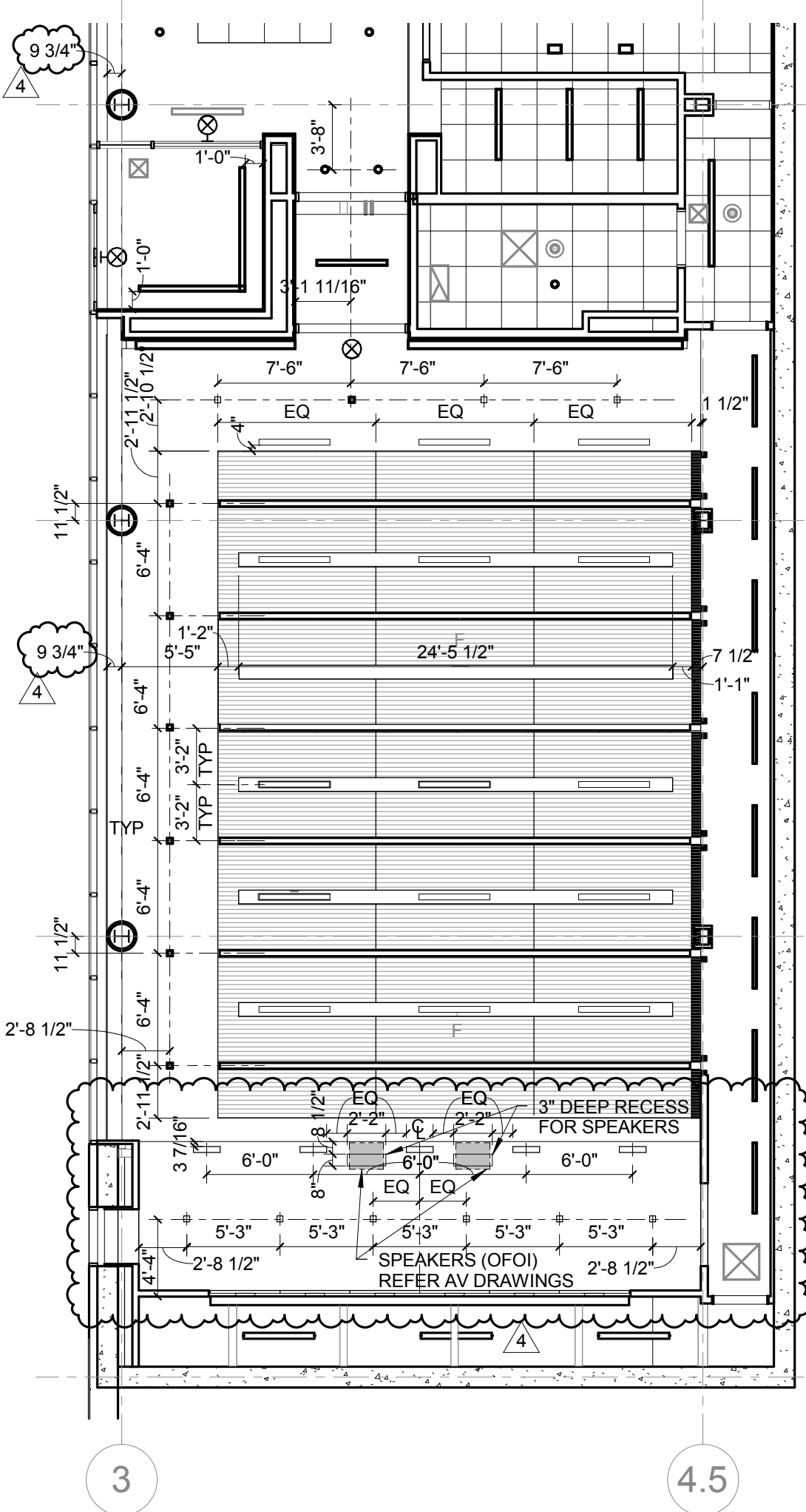
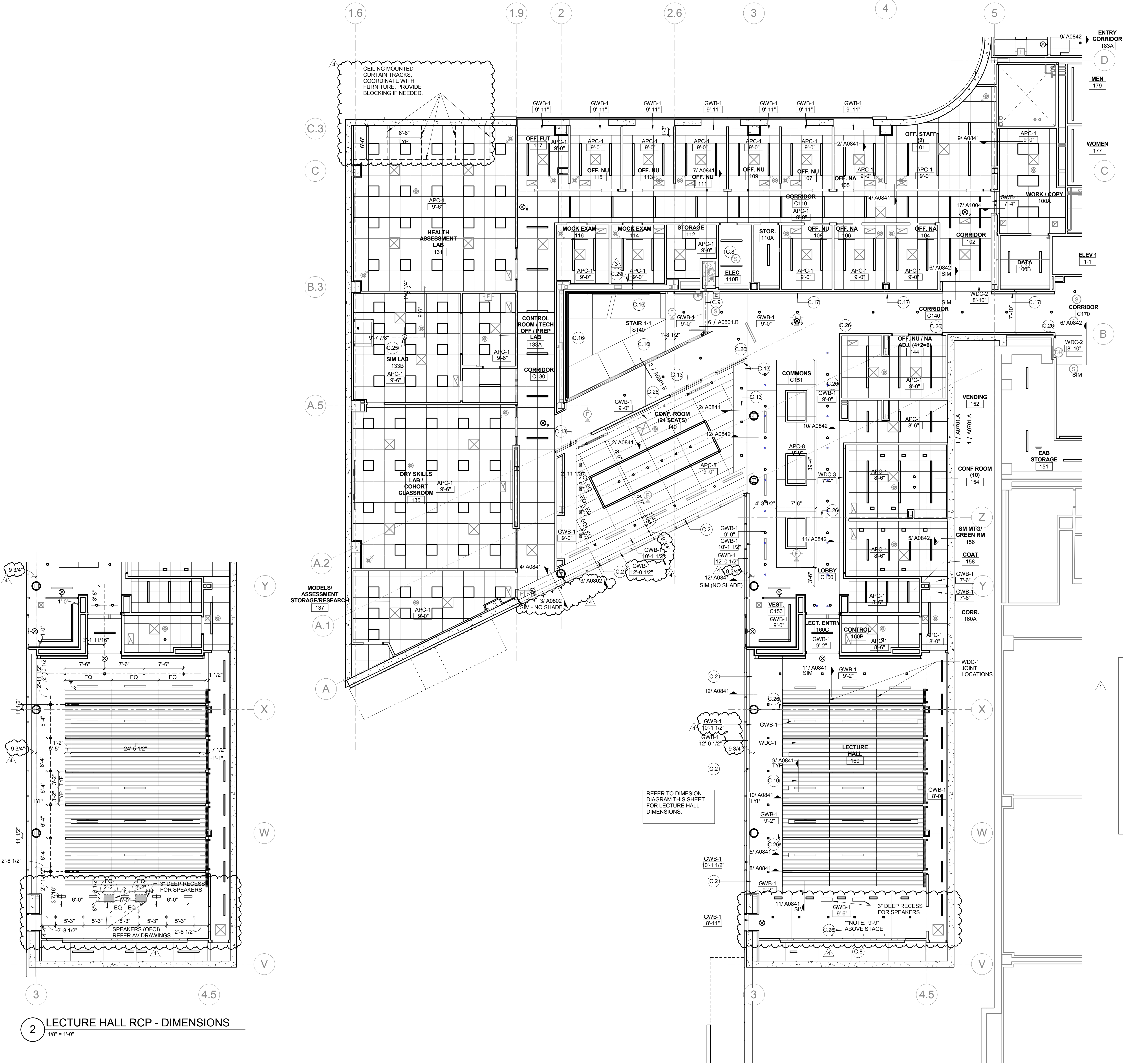
- C.1 122413 TYPE 1 SHADES: MOTORIZED ROLLER SHADES IN CONTINUOUS RECESSED POCKET (OFCI)
- C.2 122413 TYPE 2 SHADES: MOTORIZED DOUBLE ROLLER SHADES: SURFACE MOUNTED W/ CUSTOM COLOR FASCIA
- C.3 122413 TYPE 3 SHADES: MANUAL SHADES IN RECESSED POCKET
- C.4 122413 TYPE 4 SHADES: MULLION MOUNTED SHADE IN CONTINUOUS POCKET
- C.5 CEILING MOUNTING SUSPENSION FOR LCD SCREEN- PROVIDE STEEL SUPPORT ABOVE CEILING
- C.6 EXHAUST HOOD LOCATION - REFER TO FOOD SERVICE DRAWINGS
- C.7 FUME HOOD LOCATION - HOOD ENCLOSURE EXTENDS 6" ABOVE CEILING
- C.8 EXPOSED STRUCTURE
- C.9 083333 SIDE COILING DOOR TRACK
- C.10 ACOUSTICAL PANEL CEILING ABOVE WOOD GRILLE CEILING. 1" THICK ARMSTRONG OPTIMA PANELS FIT TO GRID FOR WOOD GRILLE CEILING
- C.11 ACOUSTICAL ISOLATION CEILING: 2 LAYERS 1/2" GYP BOARD CEILING ON SUSPENDED METAL FRAMING SUSPENSION SYSTEM TO BE ACOUSTICALLY ISOLATED FROM STRUCTURE BY SPRING/NEOPRENE ISOLATION HANGER - KINETIC NOISE CONTROL MODEL MUTA HANGERS. PROVIDE CONTINUOUS LAYER OF 3/5" FIBERGLASS ACOUSTIC BATT'S. REFER TO DETAIL 16 SHEET A0842
- C.12 6" PANEL WHERE SHOWN @ 10'-6" O.C. MATCH CEILING TYPE
- C.13 RECESSED DRAPEY TRACK AND CURTAINS - OFCI - PROVIDE BLOCKING
- C.15 122413 TYPE 5 MOTORIZED DOUBLE ROLLER SHADE IN RECESSED POCKET
- C.16 WOOD CEILING AT BOTTOM OF STAIRS - REFER TO STAIR 1 DRAWINGS AND DETAILS SHEET A0501
- C.17 CONTINUOUS COVE TYPE LIGHTING FIXTURE TAPED INTO GYP BOARD CEILING. REFER TO ELECTRICAL LIGHTING DRAWINGS AND TO DETAIL AT WALL SHEET A0842
- C.18 CEILING IN COLD ROOM BY COLD ROOM MFG
- C.19 G57500 MET ALUM. BEAM ENCLOSURE
- C.20 UNISTRUT MOUNTED TO CEILING W/ STEEL ANGLE HANGERS AND KICKERS ABOVE FOR SUPPORT
- C.21 STAINLESS STEEL STEAM CAPTURE HOOD ABOVE AUTOCLAVE
- C.22 REFER TO DETAIL 6/A0452
- C.23 122413 TYPE 6 SHADES: MANUAL SHADES IN RECESSED POCKET AT INTERIOR GLAZING. POCKET CONTINUOUS ACROSS OPENING
- C.24 INSULATED SOFFIT - SIMILAR TO WA-14 ON SHEET A0406
- C.25 CEILING MOUNTED SURGICAL LIGHT - SEE EQUIPMENT LIST (OFCI) - PROVIDE STRUCTURAL STEEL SUPPORT TO DECK - 4 - 2X2X 1/4" STEEL ANGLE HANGER WITH 4 - ANGLE KICKERS 2 X 2 X 1/4" AND MOUNTING PLATE PER MANUFACTURER. SEE DETAIL 01/A0914
- C.26 CONTROL JOINT LOCATION
- C.27 ABOVE CEILING WHERE INDICATED WITH DASHED LINE: PROVIDE 2 HOUR RATED HORIZONTAL GYP BOARD ENCLOSURE AROUND DUCTS SERVING FLOOR GRILLES ON LEVEL ABOVE. REFER TO DETAIL SHEET A1002
- C.28 ABOVE CEILING WHERE INDICATED WITH DASHED LINE: PROVIDE 2 HOUR RATED HORIZONTAL GYP BOARD ENCLOSURE AROUND STANDPIPE RUN. REFER TO DETAIL SHEET A1002
- C.29 PROVIDE 2 HOUR RATED HORIZONTAL GYP BOARD ENCLOSURE AT BOTTOM OF SHAFT. REFER TO DETAIL SHEET A1002
- C.30 122413 TYPE 7 SHADES: MOTORIZED DOUBLE ROLLER SHADES: SURFACE MOUNTED W/ CUSTOM COLOR FASCIA
- C.31 122413 TYPE 8 MOTORIZED DOUBLE ROLLER SHADE IN RECESSED POCKET. SPECIAL ACOUSTICAL SEPARATION CEILING: APPLY KINETICS NOISE CONTROL QUIET TILE CAC-51 TO TOP SIDE OF ACOUSTICAL PANELS. ISOLATE CEILING TILE FROM STRUCTURE ABOVE WITH KNC AF HANGERS.
- C.33 REVEAL TRIM AROUND DIAGONAL BRACE PENETRATION THROUGH CEILING - LEAVE 3/4" GAP ALL SIDES
- C.34 LABORATORY OVERHEAD SERVICE CARRIER - REFER TO ENLARGED FLOOR PLANS
- C.35 EMERGENCY SAFETY SHOWER - PIPING TO HEAD ABOVE CEILING
- C.36 122413 TYPE 3 SHADES: MANUAL SHADES - STEPPED WITH SLOPE IN CONT. SLOPED OPENING
- C.37 122413 TYPE 9 SHADES: DOUBLE MANUAL SHADES IN RECESSED POCKET

CEILING LEGEND

- APC-1 2' x 2' - ARMSTRONG OPTIMA REGULAR 1" THICK IN 9/16" GRID
- APC-2 2' x 4' - ARMSTRONG ULTIMA REGULAR IN 9/16" SILHOUETTE XL 1/8" GRID
- APC-3A 2' x 2' - ARMSTRONG ULTIMA HEALTH ZONE IN 9/16" GRID
- APC-3B 2' x 2' - ARMSTRONG ULTIMA HEALTH ZONE REGULAR 9/16" GRID
- APC-4 NOT USED
- APC-5 2' x 2' - ARMSTRONG FINE FISSED IN 15/16" GRID
- APC-6 089310 ACOUSTICAL PLASTER: BASWAPHON (40 MM) OVER 1 1/2" INSULATION OVER GYP. BOARD
- APC-7 2' x 4' - ARMSTRONG ULTIMA REGULAR IN 9/16" SILHOUETTE XL GRID W/ 6" PANEL INSERTS AS SHOWN
- APC-8 2' x 6' ARMSTRONG OPTIMA REGULAR - 1" THICK, NRC - .90, IN 9/16" SILHOUETTE XL 1/8" GRID
- MATCH APC-7 - EXCEPT. REF. 089113- SPECIAL ACOUSTIC TREATMENT: APPLY SPECIAL ACOUSTIC MATERIAL TO TOP SIDE OF PANELS AND PROVIDE ISOLATORS FOR CEILING HANGERS.

- WDC-1 09 5426 WOOD GRILLE CEILING W/ 3/4" x 2 1/4" MEMBERS - 6 PER FOOT - NINEWOOD GRILL 1400 W/ 1" THICK ARMSTRONG OPTIMA PANELS FIT TO GRID SUPPORT ABOVE
- WDC-2 06 4216 FLUSH WOOD PANEL SOFFIT - MATCH WVP-1
- WDC-3 06 4216 OPAQUE WOOD PANEL TO MATCH WOOD ACOUST WALL PANEL

- GWB-1 PAINTED GYP. BOARD
- GWB-2 GYP. BOARD W/ COATING TO MATCH ADJACENT ACOUST. PLASTER



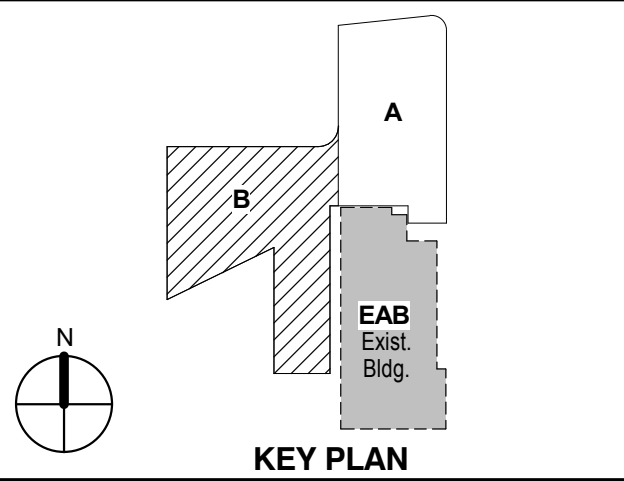
2 LECTURE HALL RCP - DIMENSIONS

1/8\"/>

1 LEVEL 01 REFLECTED CEILING PLAN - AREA B

1/8\"/>

4	ASI-063	21 APR 2017
3	ASI-009	01 AUG 2016
2	ASI-012	12 JUL 2016
1	ADDENDUM 3-2	15 APR 2016
-	ISSUED FOR CONSTRUCTION (BP3)	15 MAR 2016



KEY PLAN

LEVEL 01 REFLECTED
CEILING PLAN AREA B

Project No.: 04561.01 Checked by:

A0701.B

3	ASH-063	21 APR 2017
2	ASH-060	13 APR 2017
1	ADDENDUM 3-2	16 APR 2016
-	ISSUED FOR CONSTRUCTION (BP3)	15 MAR 2016
No.	Description	Date

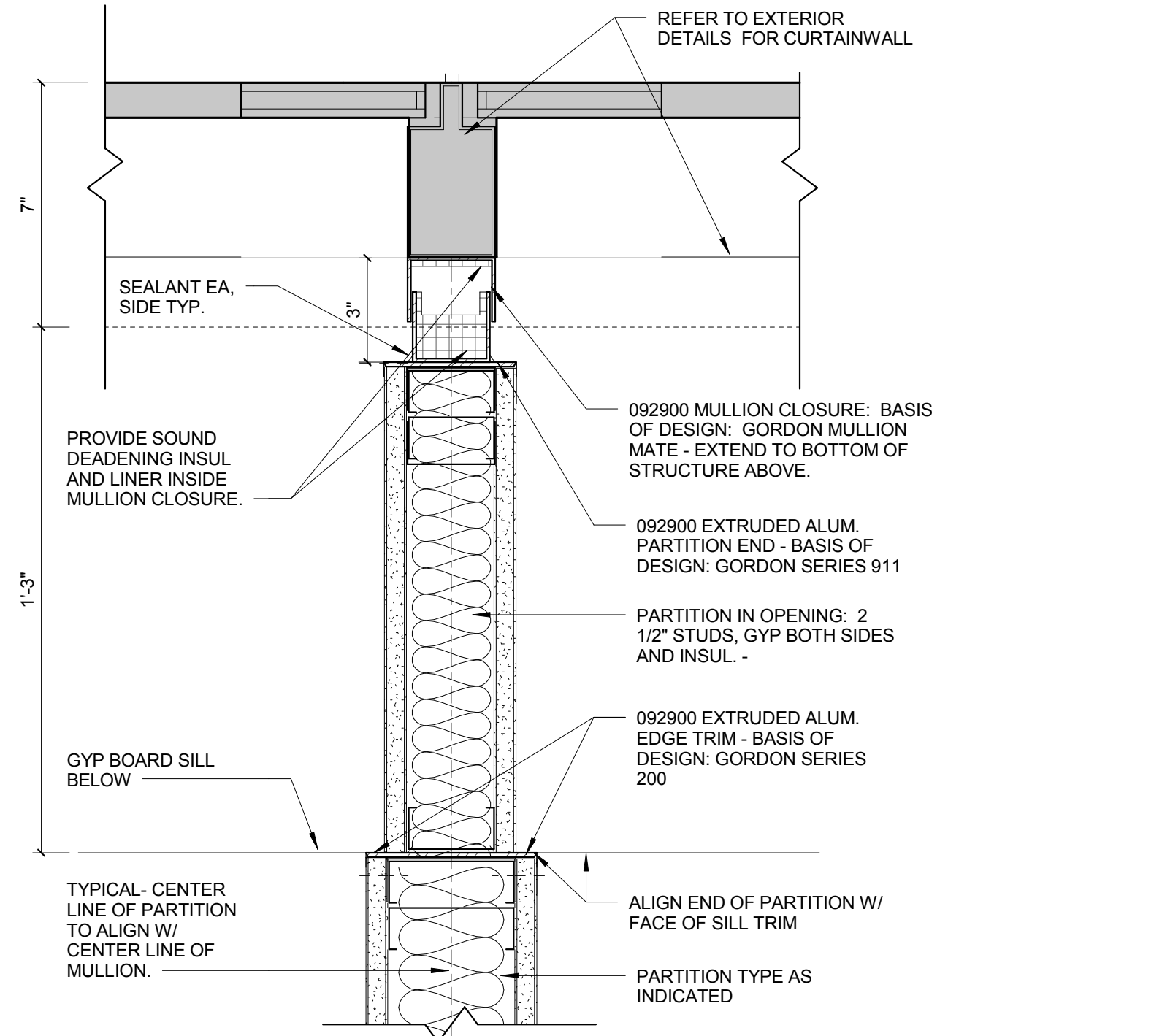
Drawing Title:

INTERIOR PLAN DETAILS

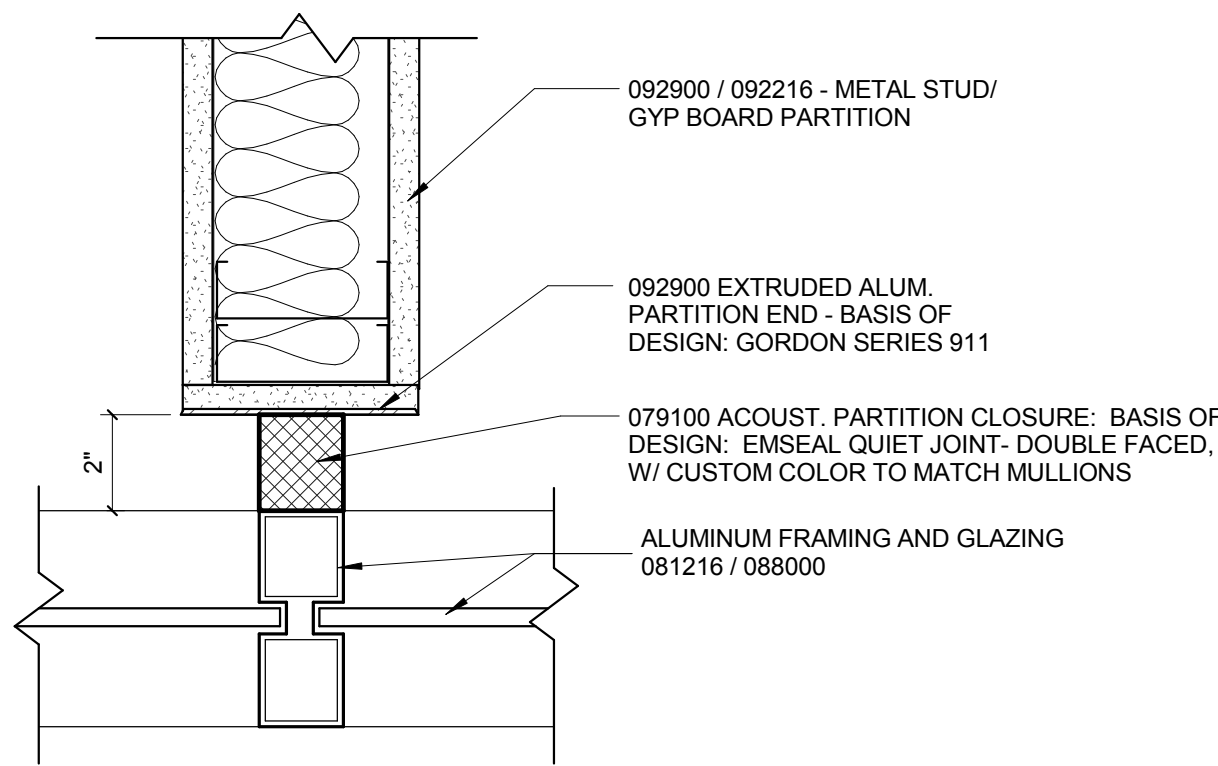
Project No.: 04561.01

Checked by:

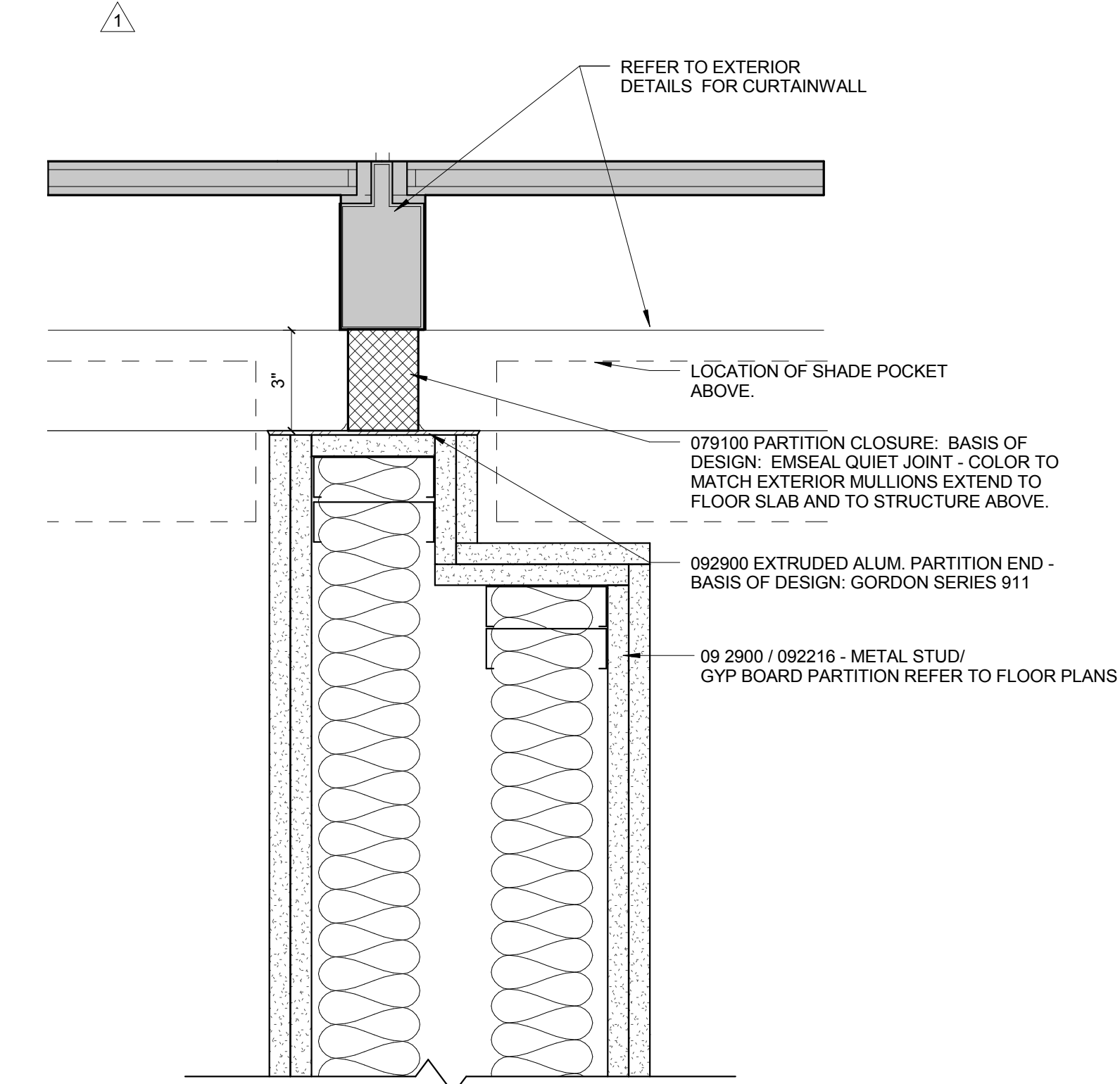
A0811



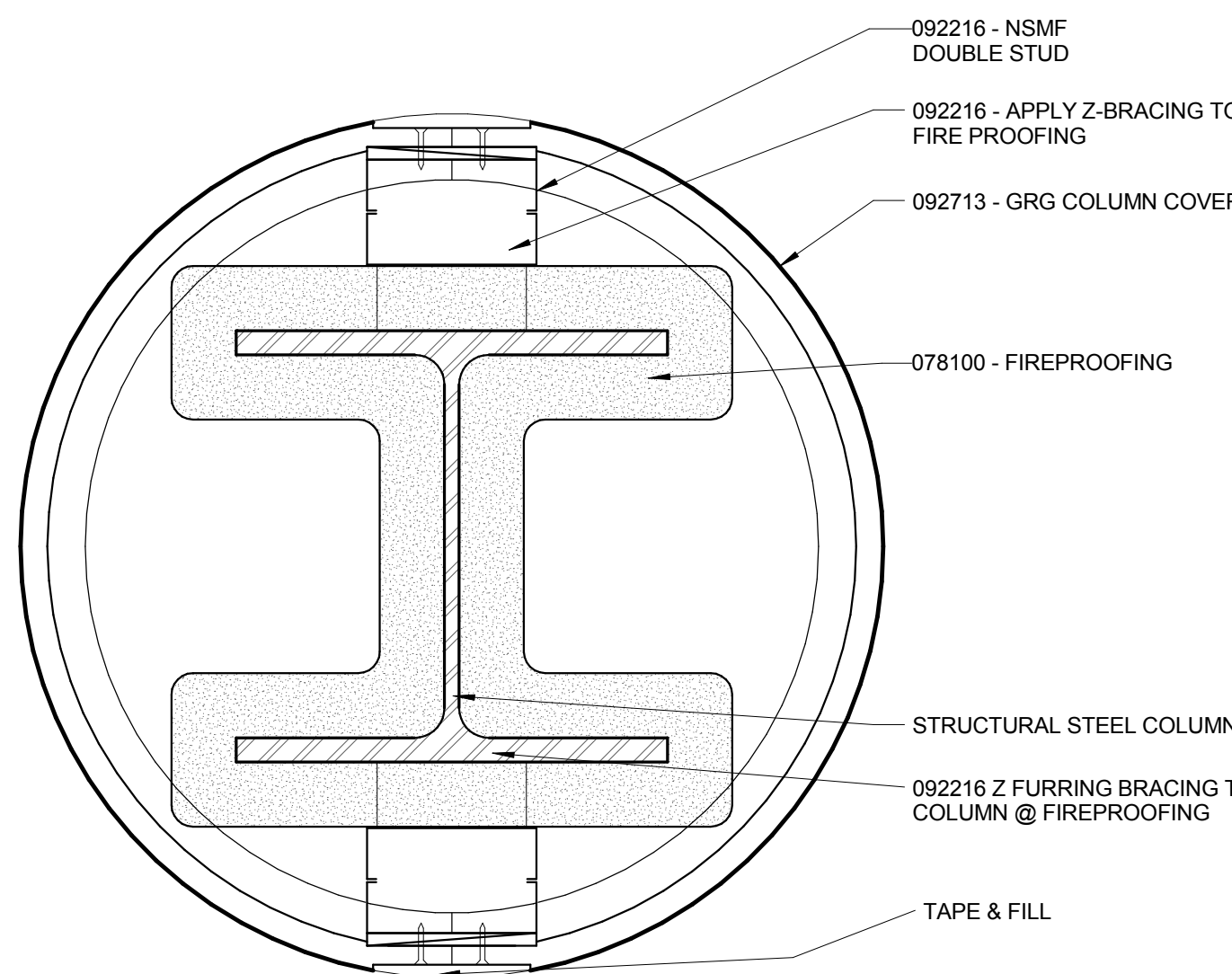
PLAN DETAIL OF VIDEO WALL @ LECTURE HALL
3" = 1'-0"



PLAN DETAIL AT PROJECTED WINDOW
3" = 1'-0"



PLAN DETAIL - LEVEL 02 @ GLAZING
3" = 1'-0"

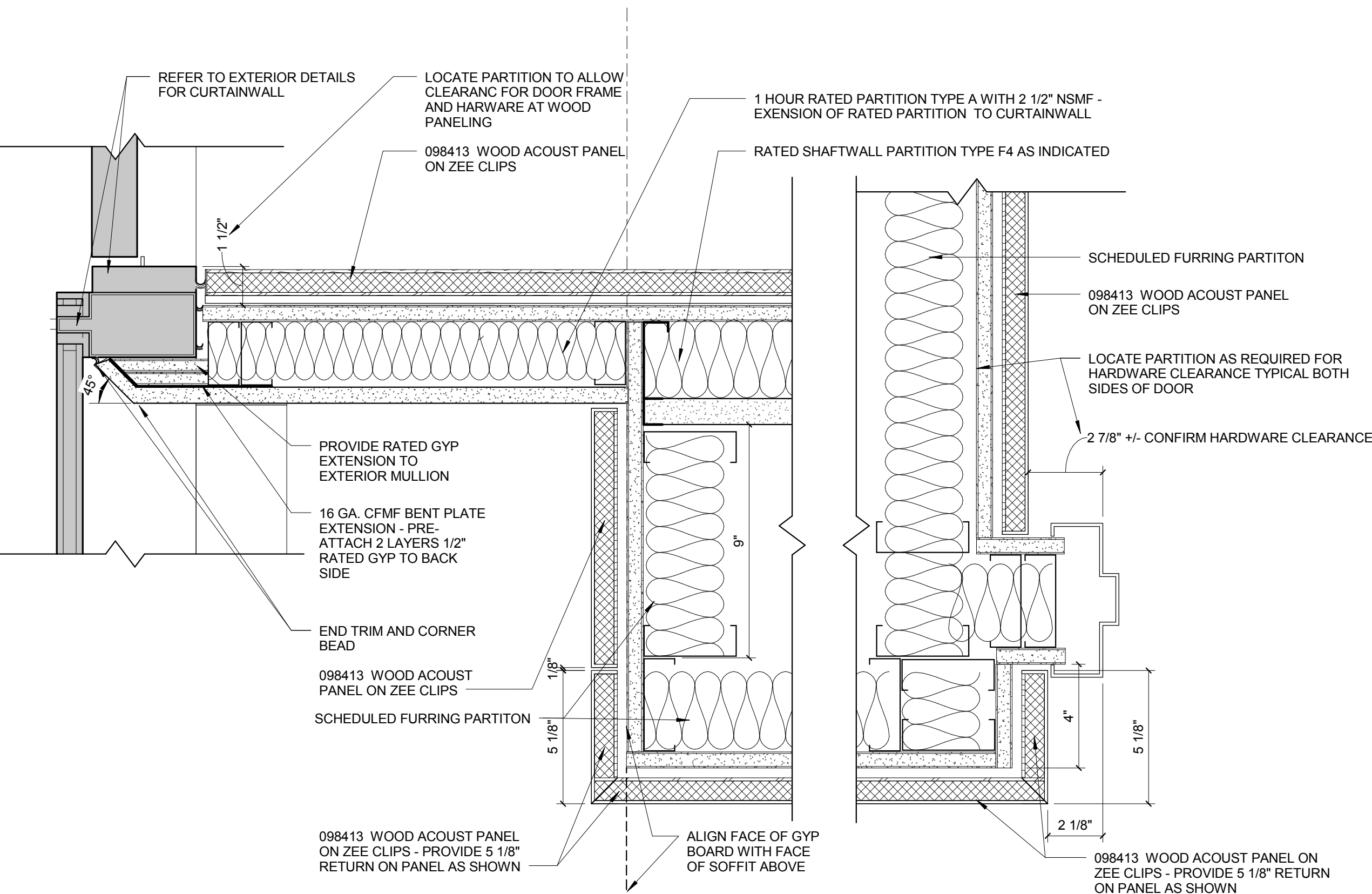


PLAN DETAIL AT CONF. ROOM
3" = 1'-0"

PLAN DETAIL AT EXTERIOR CURTAINWALL LECT HALL
3" = 1'-0"

TYP. DETAIL FOR DOOR JAMB @ EAB CONNECTOR
3" = 1'-0"

SIMILAR DETAIL FOR DOOR HEAD WITH 2 HR RATED HORIZONTAL ENCLOSURE.



PLAN DETAIL AT EXTERIOR CURTAINWALL LECT HALL
3" = 1'-0"

THE SEAL(S) AND SIGNATURE(S) APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED, AND EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE ARCHITECTURAL OR ENGINEERING PROJECT.

Webster
UNIVERSITY

Webster University
Interdisciplinary Science
Building

CANNONDESIGN

1100 Clark Avenue
St. Louis, Missouri 63102
T: 314.241.6250
F: 314.241.2570

William Tao & Associates, Inc.
MEP/FP Engineer
7955 Manchester Road, Suite 125
St. Louis, MO 63143
314-884-7600

David Mason & Associates, Inc.
Structural & Civil Engineer
800 South Vandeventer Avenue
St. Louis, MO 63110
314.534.1053

Faith Group
Technology
3101 S. Hanley Rd., Suite 100
St. Louis, MO 63143
314.591.2225

Kuhlmann Leavitt, Inc.
Environmental Graphics & Signage
7400 Pershing Ave.
St. Louis, MO 63130
314.725.6616

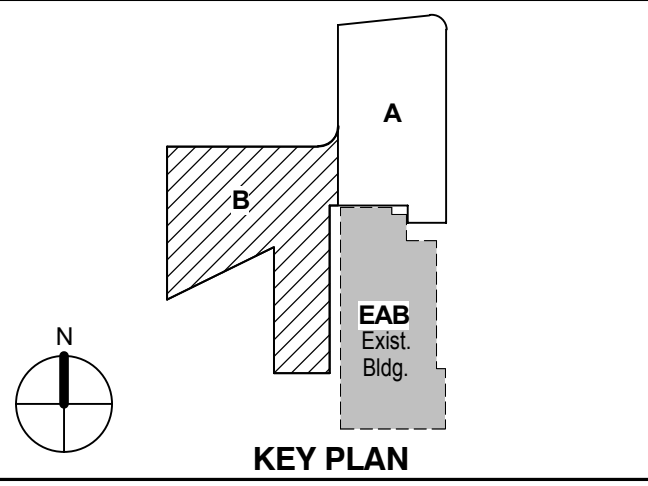
KWA Architects
Architecture
8721 Litzinger Road
St. Louis, MO 63124
314.962.2560

Spellman Brady & Company
Interior Designer
8251 Maryland Avenue, Suite 300
St. Louis, MO 63105
314.862.0070

SWT Design
Landscape Architect
7722 Big Bend Blvd.
St. Louis, MO 63119
314.644.5700

Webb Engineering Services, Inc.
Planning & Fire Protection
1400 S. 3rd Street, Suite 201
St. Louis, MO 63104
314.588.0600

9	ASI-063	21 APR 2017
8	ASI-059	12 APR 2017
7	ASI-048	27 JAN 2017
6	ASI-035	10 NOV 2016
5	RFI-329	20 OCT 2016
4	ASI-030	14 OCT 2016
3	ASI-017	14 OCT 2016
2	ADDENDUM 2-2	19 APRIL 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016



Drawing Title:

LEVEL 01 AREA B FLOOR
PLAN - ELECTRICAL &
AUXILIARY

Project No.: 04561.01 Checked by:

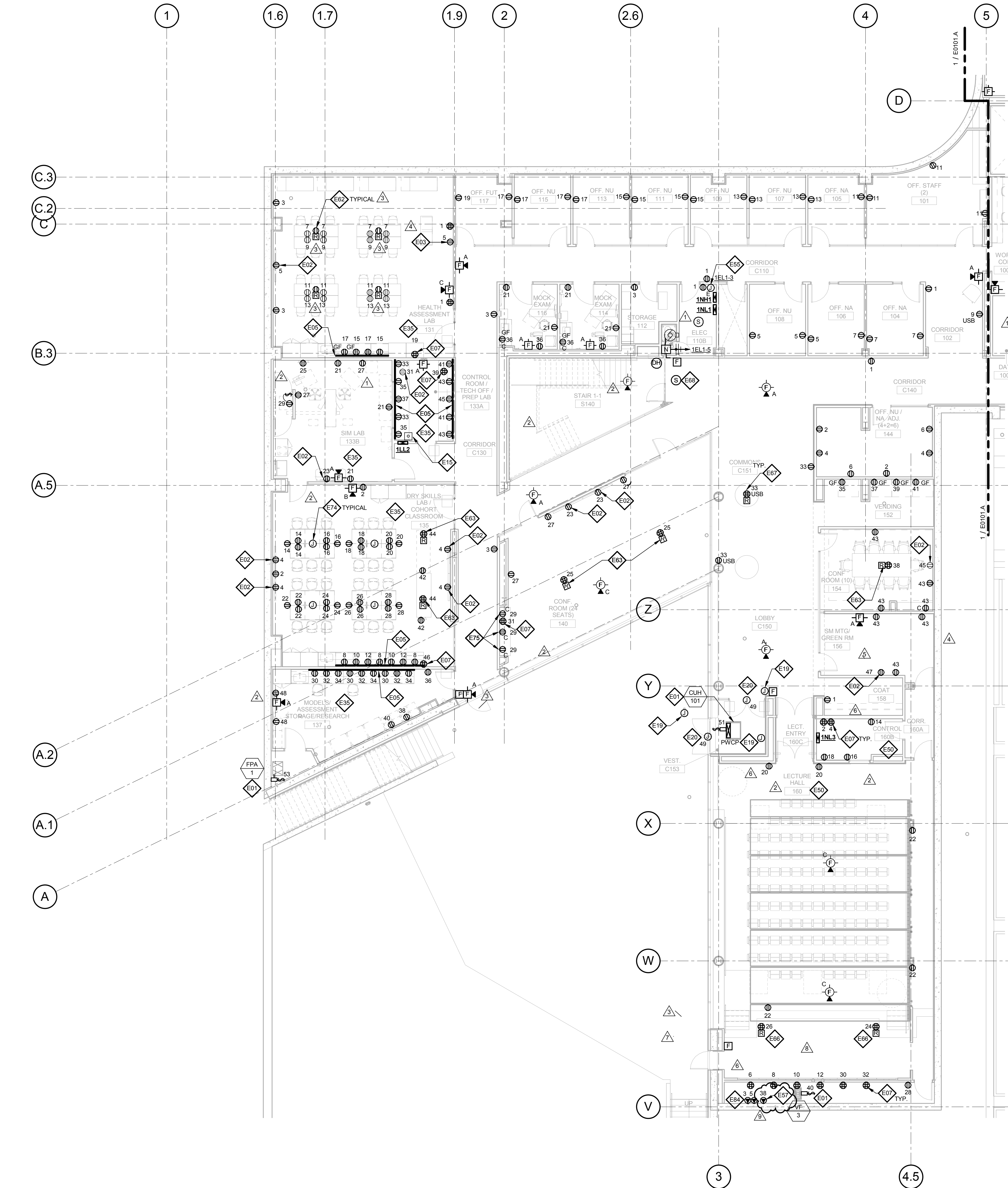
E0101.B

GENERAL NOTES:

- DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR LOCATION AND ORIENTATION OF DEVICES. WHERE LOCATIONS ARE NOT INDICATED ON ARCHITECTURAL DRAWINGS, COORDINATE LOCATION AND ORIENTATION OF DEVICES IN FIELD WITH ARCHITECT PRIOR TO ROUGH-IN.
- ALL DEVICES SHOWN ARE NEW UNLESS NOTED OTHERWISE.
- ALL DEVICES TO REMAIN ARE INDICATED WITH A THIN SOLID LINE WEIGHT AND SUBSCRIPT "EX".
- CONTRACTOR SHALL VISIT PRIOR TO BID SUBMITTALS TO DETERMINE SITE CONDITIONS EFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.
- PROVIDE FACE PLATES ON ALL J-BOXES ABANDONED IN FINISHED FLOOR, WALL OR CEILINGS. COORDINATE COLOR AND FINISH WITH ARCHITECT. CONTRACTOR TO VERIFY QUANTITY IN THE FIELD.
- WHERE EXPOSED CONDUIT IS NOTED, CONTRACTOR SHALL IDENTIFY ROUTING IN FIELD AND OBTAIN ARCHITECT'S APPROVAL OF ROUTING PRIOR TO ROUGH-IN. EXPOSED CONDUIT SHALL BE ROUTED TIGHT TO STRUCTURE.
- ALL SINGLE PHASE BRANCH CIRCUITS SHOWN SHALL HAVE DEDICATED NEUTRALS TO MEET NEC SECTION 210.4 MULTI-WIRE BRANCH CIRCUIT REQUIREMENTS.
- REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT ROUGH-IN OF DATA, VOICE AND A/V.
- ALL 120V BRANCH CIRCUITS ON THIS SHEET SHALL BE FED FROM PANEL 1NL1 UNLESS NOTED OTHERWISE.

KEYED NOTES

- E01 REFER TO EQUIPMENT DATA SCHEDULE FOR BRANCH CIRCUIT INFORMATION.
- E02 PROVIDE NEW RECEPTACLE FOR MONITOR, COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS AND TECHNOLOGY PLANS.
- E03 PROVIDE NEW RECEPTACLE FOR WALL MOUNTED PROJECTOR. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS AND A/V DRAWINGS.
- E05 PROVIDE NEW TWO SECTION ALUMINUM RACEWAY, WIREMOLD AL4320 WITH RECEPTACLES MOUNTED 24" ON CENTER UNLESS NOTED OR SHOWN OTHERWISE. PROVIDE ALL ACCESSORIES FOR A COMPLETE INSTALLATION. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT AND LENGTH. SEE DETAILS ON SHEET E402.
- E06 OUTLET SHALL BE MOUNTED TO THE BACK SIDE OF THE TELECOMMUNICATION RACK AND FED FROM ABOVE. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH TELECOMMUNICATIONS CONTRACTOR PRIOR TO INSTALLATION.
- E07 OUTLET FOR RACK MOUNTED A/V EQUIPMENT. COORDINATE MOUNTING HEIGHT AND EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS AND A/V DRAWINGS.
- E15 PROVIDE MUSHROOM HEAD PUSH BUTTON SWITCH AND 6 POLE CONTACTOR. PUSH BUTTON SHALL DEACTIVATE POWER TO CONTACTOR AND ASSOCIATED CIRCUITS. VERIFY WHICH RECEPTACLES IN SIM LAB SHALL BE CONTROLLED WITH OWNERS REPRESENTATIVE. ALL RECEPTACLES AND COVER PLATES FED THROUGH CONTACTOR SHALL BE RED IN COLOR AND SHALL BE LABELED "NOT ON GENERATOR."
- E19 PROVIDE POWER AND FINAL CONNECTION TO ELECTRIC DOOR OPENER. COORDINATE POWER REQUIREMENTS WITH DOOR INSTALLER PRIOR TO ROUGH-IN.
- E20 PROVIDE POWER AND FINAL CONNECTION TO ELECTRIC DOOR OPENER CONTROLS. COORDINATE EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.
- E35 ALL 120V BRANCH CIRCUITS IN THIS ROOM SHALL BE FED FROM PANEL 1LL2.
- E50 ALL 120V BRANCH CIRCUITS IN THIS ROOM SHALL BE FED FROM PANEL 1NL3.
- E55 PROVIDE POWER TO BUILDING AUTOMATION SYSTEM PANEL. COORDINATE LOCATION WITH AUTOMATION CONTRACTOR.
- E57 PROVIDE NEMA L5-20R TWIST-LOCK RECEPTACLE FOR SUBWOOFER, COORDINATE LOCATION WITH A/V DRAWINGS.
- E62 PROVIDE A 2HR FIRE CLASSIFIED 2-GANG MULTI-SERVICE STEEL RECESSED FLOOR BOX EQUAL TO WIREMOLD CAT. NO. RFB2S-FC WITH A BRASS FLANGED COVER CAT. NO. FFBTCS-NA. THE FLOOR BOX SHALL HAVE ALL NECESSARY MOUNTING BRACKETS FOR (2) 20A DUPLEX RECEPTACLE, (1) GANG - DATA/VOICE (SEE TECHNOLOGY DRAWINGS FOR DEVICE TYPE), (1) GANG - A/V (SEE A/V DRAWINGS FOR DEVICE TYPES). THE BOX SHALL BE INSTALLED PER MANUFACTURERS WRITTEN INSTRUCTIONS SO THAT THE COVER IS FLUSH WITH THE FLOOR.
- E63 PROVIDE A 2HR FIRE CLASSIFIED 4-GANG MULTI-SERVICE STEEL RECESSED FLOOR BOX EQUAL TO WIREMOLD CAT. NO. RFB4S-FC WITH A BRASS FLANGED COVER CAT. NO. FFBTCS-NA. THE FLOOR BOX SHALL HAVE ALL NECESSARY MOUNTING BRACKETS FOR (2) 20A DUPLEX RECEPTACLE, (1) GANG - DATA/VOICE (SEE TECHNOLOGY DRAWINGS FOR DEVICE TYPE), (1) GANG - A/V (SEE A/V DRAWINGS FOR DEVICE TYPES). THE BOX SHALL BE INSTALLED PER MANUFACTURERS WRITTEN INSTRUCTIONS SO THAT THE COVER IS FLUSH WITH THE FLOOR.
- E66 PROVIDE A 2HR FIRE CLASSIFIED 6-GANG MULTI-SERVICE STEEL RECESSED FLOOR BOX EQUAL TO WIREMOLD CAT. NO. RFB6S-FC WITH A BRASS FLUSH COVER CAT. NO. FFB6TCS-NA. THE FLOOR BOX SHALL HAVE ALL NECESSARY MOUNTING BRACKETS FOR (2) 20A DUPLEX RECEPTACLE, (1) GANG - DATA/VOICE (SEE TECHNOLOGY DRAWINGS FOR DEVICE TYPE), (3) GANG - A/V (SEE A/V DRAWINGS FOR DEVICE TYPES). THE BOX SHALL BE INSTALLED PER MANUFACTURERS WRITTEN INSTRUCTIONS SO THAT THE COVER IS FLUSH WITH THE FLOOR.
- E67 PROVIDE A 2HR FIRE CLASSIFIED 2-GANG MULTI-SERVICE STEEL RECESSED FLOOR BOX EQUAL TO WIREMOLD CAT. NO. RFB2S-FC WITH A BRASS FLANGED COVER CAT. NO. FFBTCS-NA. THE FLOOR BOX SHALL HAVE ALL NECESSARY MOUNTING BRACKETS FOR (2) 20A DUPLEX RECEPTACLES WITH USB PORTS. THE BOX SHALL BE INSTALLED PER MANUFACTURERS WRITTEN INSTRUCTIONS SO THAT THE COVER IS FLUSH WITH THE FLOOR.
- E68 PROVIDE FIRE ALARM CONTROL MODULE TO RELEASE POWER TO ELECTRICALLY HELD OPEN FIRE DOOR UPON ACTIVATION OF ASSOCIATED SMOKE DETECTOR.
- E70 PROVIDE NEMA L5-20R, 20A-120V TWIST LOCK RECEPTACLE FOR RACK MOUNTED PDU. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH TECHNOLOGY CONTRACTOR.
- E74 FEED FIXED FURNITURE FROM BELOW AND MAKE ALL FINAL CONNECTIONS TO RECEPTACLES.
- E75 RECEPTACLES SHALL BE MOUNTED HORIZONTALLY, REFER TO ARCHITECTURAL PLANS AND ELEVATIONS.
- E84 PROVIDE (2) NEMA L5-20R TWIST-LOCK RECEPTACLES FOR VIDEO WALL. COORDINATE MOUNTING HEIGHT AND EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS AND A/V DRAWINGS.



LEVEL 01 - AREA B - FLOOR PLAN - POWER AND AUXILIARY

1/8" = 1'-0"

THE SEAL(S) AND SIGNATURE(S) APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED, AND EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE ARCHITECTURAL OR ENGINEERING PROJECT.

Webster
UNIVERSITY

Webster University
Interdisciplinary Science
Building

CANNONDESIGN

1100 Clark Avenue
St. Louis, Missouri 63102
T: 314.241.6250
F: 314.241.2570

William Tao & Associates, Inc.
MEP/FP Engineer
7955 Manchester Road, Suite 125
St. Louis, MO 63143
314-884-7600

David Mason & Associates, Inc.
Structural & Civil Engineer
800 South Vandeventer Avenue
St. Louis, MO 63110
314.534.1053

Faith Group
Technology
3101 S. Hanley Rd, Suite 100
St. Louis, MO 63143
314.591.2225

Kuhmann Leavitt, Inc.
Environmental Graphics & Signage
7400 Pershing Ave
St. Louis, MO 63130
314.725.6616

KWA Architects
Architecture
8721 Litzinger Road
St. Louis, MO 63124
314.962.2560

Spellman Brady & Company
Interior Designer
8251 Maryland Avenue, Suite 300
St. Louis, MO 63105
314.862.0070

SWT Design
Landscape Architect
7722 Big Bend Blvd
St. Louis, MO 63119
314.644.5700

Webb Engineering Services, Inc.
Plumbing & Fire Protection
1400 S. 3rd Street, Suite 201
St. Louis, MO 63104
314.588.0600

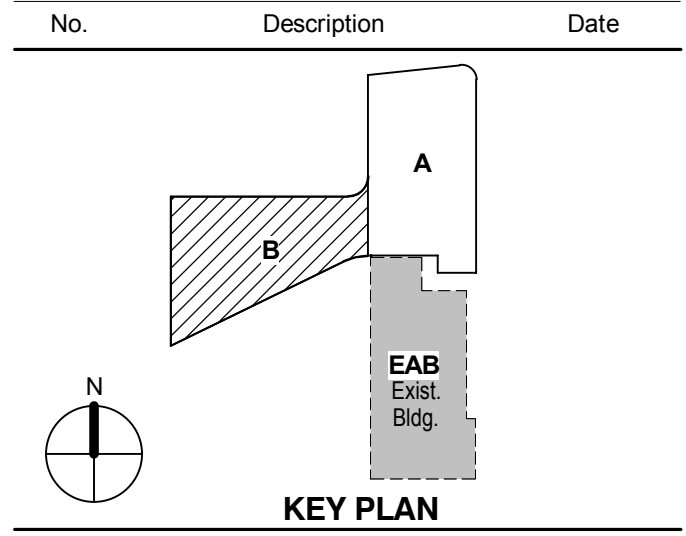
GENERAL NOTES:

- DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR LOCATION AND ORIENTATION OF DEVICES. WHERE LOCATIONS ARE NOT INDICATED ON ARCHITECTURAL DRAWINGS, COORDINATE LOCATION AND ORIENTATION OF DEVICES IN FIELD WITH ARCHITECT PRIOR TO ROUGH-IN.
- ALL DEVICES SHOWN ARE NEW UNLESS NOTED OTHERWISE.
- ALL DEVICES TO REMAIN ARE INDICATED WITH A THIN SOLID LINE WEIGHT AND SUBSCRIPT "EX".
- CONTRACTOR SHALL VISIT PRIOR TO BID SUBMITTALS TO DETERMINE SITE CONDITIONS EFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.
- PROVIDE FACE PLATES ON ALL J-BOXES ABANDONED IN FINISHED FLOOR, WALL OR CEILINGS. COORDINATE COLOR AND FINISH WITH ARCHITECT. CONTRACTOR TO VERIFY QUANTITY IN THE FIELD.
- WHERE EXPOSED CONDUIT IS NOTED, CONTRACTOR SHALL IDENTIFY ROUTING IN FIELD AND OBTAIN ARCHITECT'S APPROVAL OF ROUTING PRIOR TO ROUGH-IN. EXPOSED CONDUIT SHALL BE ROUTED TIGHT TO STRUCTURE.
- ALL SINGLE PHASE BRANCH CIRCUITS SHOWN SHALL HAVE DEDICATED NEUTRALS TO MEET NEC SECTION 210.4 MULTI-WIRE BRANCH CIRCUIT REQUIREMENTS.
- REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT ROUGH-IN OF DATA, VOICE AND A/V.
- ALL 120V BRANCH CIRCUITS ON THIS SHEET SHALL BE FED FROM PANEL 3NL1 UNLESS NOTED OTHERWISE.

KEYED NOTES

- E01 REFER TO EQUIPMENT DATA SCHEDULE FOR BRANCH CIRCUIT INFORMATION.
- E02 PROVIDE NEW RECEPTACLE FOR MONITOR. COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS AND TECHNOLOGY PLANS.
- E03 PROVIDE NEW RECEPTACLE FOR WALL MOUNTED PROJECTOR. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS AND A/V DRAWINGS.
- E06 OUTLET SHALL BE MOUNTED TO THE BACK SIDE OF THE TELECOMMUNICATION RACK AND FED FROM ABOVE. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH TELECOMMUNICATIONS CONTRACTOR PRIOR TO INSTALLATION.
- E07 OUTLET FOR RACK MOUNTED A/V EQUIPMENT, COORDINATE MOUNTING HEIGHT AND EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS AND A/V DRAWINGS.
- E08 OUTLET FOR DIGITAL SIGNAGE. COORDINATE MOUNTING HEIGHT AND EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS AND A/V DRAWINGS.
- E17 PROVIDE NEMA 6-30R, 30A-208V RECEPTACLE FOR PRINTER. CONTRACTOR SHALL VERIFY PRINTER PLUG TYPE WITH OWNERS REPRESENTATIVE PRIOR TO ROUGH-IN.
- E44 ALL 120V BRANCH CIRCUITS IN THIS ROOM SHALL BE FED FROM PANEL 3LL5.
- E55 PROVIDE POWER TO BUILDING AUTOMATION SYSTEM PANEL. COORDINATE LOCATION WITH AUTOMATION CONTRACTOR.
- E61 PROVIDE A 2HR FIRE CLASSIFIED 2-GANG MULTI-SERVICE STEEL RECESSED FLOOR BOX EQUAL TO WIREMOLD CAT. NO. RFB4S-FC WITH A BRASS FLANGED COVER CAT. NO. FPBTCBS-NA. THE FLOOR BOX SHALL HAVE ALL NECESSARY MOUNTING BRACKETS FOR (1) 20A DUPLEX RECEPTACLE, (1) GANG - DATA/VOICE (SEE TECHNOLOGY DRAWINGS FOR DEVICE TYPE). THE BOX SHALL BE INSTALLED PER MANUFACTURERS WRITTEN INSTRUCTIONS SO THAT THE COVER IS FLUSH WITH THE FLOOR.
- E63 PROVIDE A 2HR FIRE CLASSIFIED 4-GANG MULTI-SERVICE STEEL RECESSED FLOOR BOX EQUAL TO WIREMOLD CAT. NO. RFB4S-FC WITH A BRASS FLANGED COVER CAT. NO. FPBTCBS-NA. THE FLOOR BOX SHALL HAVE ALL NECESSARY MOUNTING BRACKETS FOR (2) 20A DUPLEX RECEPTACLE, (1) GANG - DATA/VOICE (SEE TECHNOLOGY DRAWINGS FOR DEVICE TYPE), (1) GANG - A/V (SEE A/V DRAWINGS FOR DEVICE TYPES). THE BOX SHALL BE INSTALLED PER MANUFACTURERS WRITTEN INSTRUCTIONS SO THAT THE COVER IS FLUSH WITH THE FLOOR.
- E68 PROVIDE FIRE ALARM CONTROL MODULE TO RELEASE POWER TO ELECTRICALLY HELD OPEN FIRE DOOR UPON ACTIVATION OF ASSOCIATED SMOKE DETECTOR.
- E70 PROVIDE NEMA L5-20R, 20A-120V TWIST LOCK RECEPTACLE FOR RACK MOUNTED PDU. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH TECHNOLOGY CONTRACTOR.

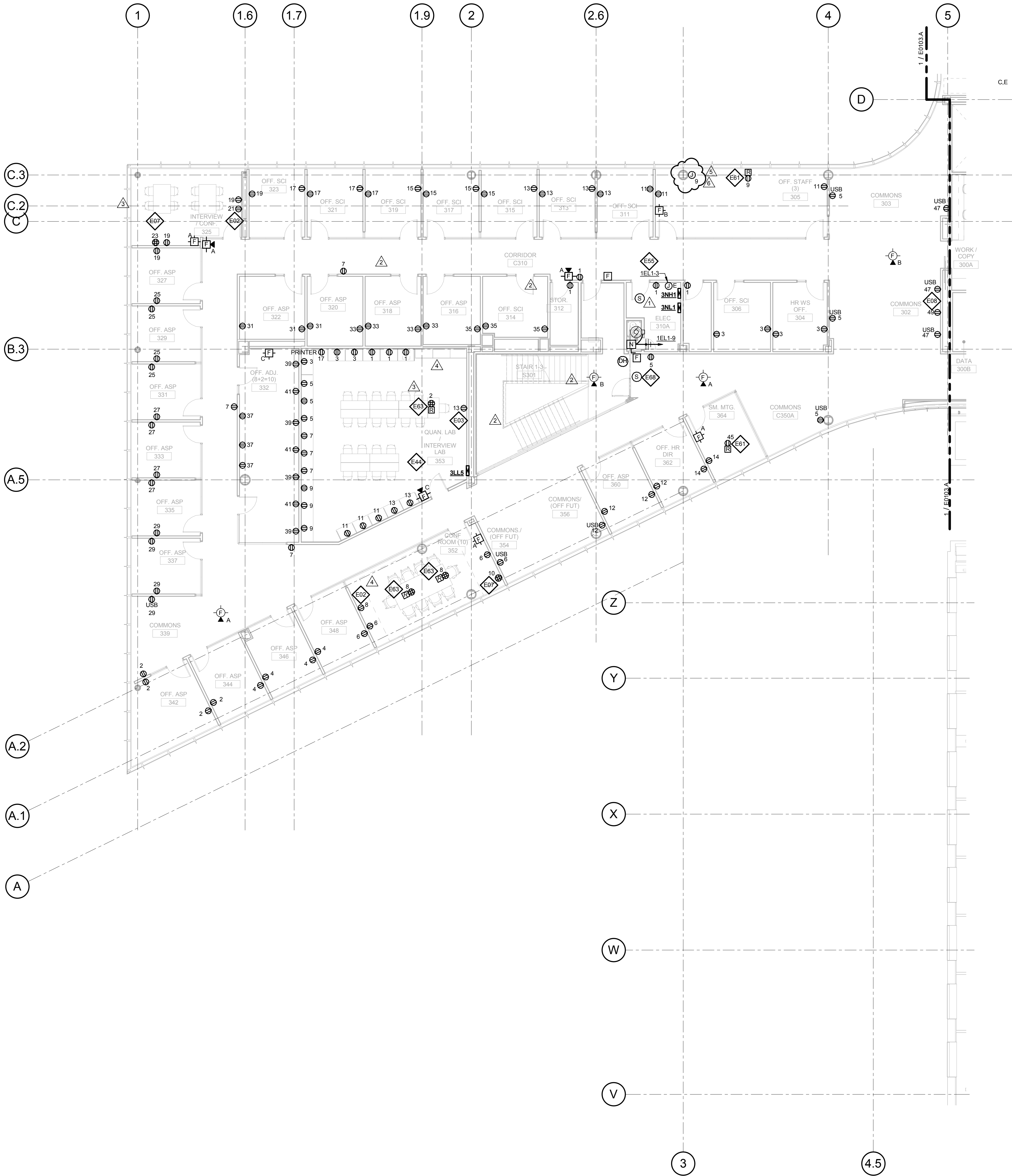
6	ASI-063	21 APR 2017
5	ASI-036	30 NOV 2016
4	ASI-035	10 NOV 2016
3	ASI-030	14 OCT 2016
2	ADDENDUM 2-2	19 APRIL 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016



LEVEL 03 AREA B FLOOR
PLAN - ELECTRICAL &
AUXILIARY

Project No.: 04561.01 Checked by:

E0103.B



1 LEVEL 03 - AREA B - FLOOR PLAN - POWER AND AUXILLARY

1/8" = 1'-0"