

**DOCUMENT 00 90 00
ADDENDUM**

ADDENDUM NO. [1] Date: November 25, 2019

**RE: SOUTHWEST WISCONSIN TECHNICAL COLLEGE
 BOOKSTORE REMODEL
 1800 BRONSON BLVD
 FENNIMORE, WI
 BID NUMBER: 1920-05**

**FROM: HSR Associates, Inc
 100 Milwaukee Street
 La Crosse, WI 54603
 (608) 784-1830**

To: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated November 2019. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of [2] pages, Pre-bid sign-in, [1] specification section, and [5] 30 x 42 drawings.

CHANGES TO BIDDING REQUIREMENTS AND CONDITIONS OF THE CONTRACT:

1. Pre-bid sign-in attached hereto.

CHANGES TO SPECIFICATIONS:

2. Section 27 51 19 AUDIO SOUND SYSTEM
 - a. Section attached hereto as part of Contract Documents.

CHANGES TO DRAWINGS

3. Sheet A090 DEMO PLANS 30 x 42 attached hereto
 - a. Revisions clouded on Drawings
4. Sheet A100 REMODEL PLAN AND REFLECTED CEILING PLAN 30 x 42 attached hereto
 - a. Revisions clouded on Drawings
5. Sheet E090 DEMOLITION PLAN 30 x 42 attached hereto
 - a. Revisions clouded on Drawings
 - b. Add note for vestibule handicap access.
 - c. Added junction boxes for power openers.
 - d. Added note for vestibule lighting.
 - e. Added General Note "G".
6. Sheet E200 POWER PLAN 30 x 42 attached hereto
 - a. Revisions clouded on Drawings
 - b. New sound system speakers added (a) and intercom speakers (b) all designated.
 - c. Vestibule card reader new install.
 - d. Add notes for existing Handicap access.
 - e. Added existing junction boxes for handicap power openers
 - f. Modified General Note "H".

7. Sheet E600 LIGHTING, MOTOR AND PANELBOARD SCHEDULES 30 x 42 attached hereto
 - a. Revisions clouded on Drawings
 - b. Added Book store relay switching schedule.

END OF DOCUMENT 00 90 00

Pre-Bid Meeting Sign-In Sheet

November 21, 2019

PROJECT: SOUTHWEST WISCONSIN TECHNICAL COLLEGE
BOOKSTORE REMODEL
1800 BRONSON BLVD
FENNIMORE, WI 53809
HSR 18061

BID OPENING: 2:00 PM, December 3, 2019

Name	Company	Phone No.	E-mail
1. Kaine McNett	KSW	608-845-2290	Kaine.M@KSWConstruction.com
2. Kevin Berg	M&J	715 577 6192	bidding@market-johnson.com
3. Shawn Stamer	Globalcom	563-690-0003	shawns@getech.com
4. MAT LIPSKA	WESTPAI	563 583 5749	mlipska@westphalec.com
5. Rob Rands	Midwest Bids	608-822-4129	info@midwestbuilder.com
6. Jeff Town	Ahern	608-514-4393	Jtown@kahern.com
7. CHRIS QUANDT	BACHMANN	608-222-8868	cquandt@bachmannconstruction.net
8. CHAD WATSH	EPEC	608-568-7577	CHAD@EGGMAIL.COM
9. Michael Diehl ^{Estimator}	Brick Bros.	608-769-9267	mwdiehl@brickbros.com
10. BRAD HANT	AUTOMATIC FIRE	815-654-7449	Brad@AUTOMATICFIRESYSTEMS.com
11. PAT RIES	BRICK BROS.	608-769-5515	pries@brickbros.com
12. PAT UDELTORIK	E.P.C.	608/778-1590	pat@egemail.com
13. Jeff OSTWINKLE	GIÈSÈ SHEET METAL	563-588-2023	jeff@gieseco.com
14. Randy Bindl	ETA	608-358-2520	
15. PAT BEMSK	OTTEA CREEK	608 623-3626	ottencreek@WISCONSIN.MET
16. Shane Bennett	KVA Electric	608-475-9768	shane@kva-electric.com
17. Todd Allison	GOSWILLIOW FLOORING	608-349-6551	gaflooring@yahoo.com
18.			
19.			

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SECTION 27 15 19

AUDIO SOUND SYSTEM

PART 1 - GENERAL

1.01 SCOPE OF WORK

- A. Furnish, install, and place into working operation a sound reinforcement system for the Multi-purpose area as described in this specification and as shown on the drawings.
- B. The sound system shall be installed complete and operable including all necessary mounting hardware and programming as required.
- C. In general provide an Atlas Sound system with central speakers (Item #700SMRETAL) and Russound MBX-PRE.
- D. Provide and install all material and equipment necessary for the proper, normal operation of the systems.

1.02 QUALITY OF ASSURANCE:

- A. Comply with Broadcast and Professional Audio Industry standards and practices.

1.03 SOUND SYSTEM SUPPLIER

- A. The sound supplier shall be responsible for coordination of the sound system and its components. To ensure a complete system, a single source that has at least five years' experience in furnishing similar sound systems, shall supply all specified equipment and services.
- B. The sound systems supplier shall guarantee all equipment against defects in material and workmanship for a period of one year from the date equipment start up. This shall include: hardware, software, programming, training, installation coordination, startup, and warranty services as required.
- C. For the purposes of establishing a standard of quality, the base bid for the equipment supplied for this section of the specification shall be supplied by Owner/SWTC
- D. Submit for alternate supplier no less than 10 days before bid.

1.04 SUBMITTALS

- A. Electrical Contractor shall submit to the engineer, a complete package of information on the system proposed. This package will contain the following: sound system supplier information, datasheets on all components, detailed list including hardware, software, specifications, drawings, product literature and installation details of components.
- B. The intent of the submittal is to ensure complete project scope coverage and does not relieve the supplier from fulfilling any specific requirements.
- C. Wiring diagrams with cable requirements of all system devices and other system components including field device connections shall be included and specific installation wiring responsibilities identified.

1.05 OPERATION AND MAINTENANCE(O&M) MANUALS

- A. Detailed manuals shall be provided with complete information concerning the operation & maintenance of the system.

1.06 DEVICE LOCATIONS: Verify all device locations with Architect.

PART 2 - PRODUCTS

2.01 SPEAKER (Item #FAP62T)

- A. Main speakers (central speaker)
1. Technical Specifications:
 - Frequency response: 63Hz to 20kHz (± 7 dB).
 - 70.7V/ 100V system power: 2 to 32 W RMS total.
 - Impedance: 8 ohms 50watts RMS
 - Sensitivity (1W/ 1M): 88dB
 - Dispersion: 110 degrees
 2. Physical Specification:
 - Dimensions: 8.5"H x 12.5"W
 - Mounting Hardware: Title Bridge and ring support cable.
 3. Manufacturer: CrutchField or equal

2.02 AMPLIFIER/MIXER (Item #AA35G)

- A. AtlasIED Mixer 8 -Channel:
1. Technical Specification:
 - Freq Response: 50Hz- 20kHz
 - Output Power: 35watts
 - Zone 2 Output 1W: 1 watt at 8 Ohms.
 - Zone 2 output 600 Ohms: 500mV into 600 Ohms
 - Phantom Power: 15VDC
 2. Physical Specification:
 - Dimensions: 8.25" W x 3.875" H x 13.75" D
 - Weight 8.1 lbs
 3. DIP Switches
 - 1 - CH1 Mic on/ Line off
 - 2 - CH1 Normal
 - 3 - CH1 Priority
 - 4 - CH1 VOX
 - 5 - CH1 to Zone 2
 - 6 - CH2 to Zone 2
 - 7 - CH3 to Zone 2
 - 8 - Phantom
 4. Manufacturer- CrutchField or equal

2.03 Russound MBX-PRE (Item #543MBXPRES)

- A.** Streaming Audio Player/ Pre amp with WiFi and Bluetooth.
 - 1. Connections and Controls:
 - Network Connection: WiFi or wired with Cat-5
 - Controls: MyRussound App or XTS Controller
 - Bluetooth Audio
 - USB 2.0 port: MP3, WAV, OGG Vorbis, FLAC, AAC, AAC+
 - Front Panel:
 - LED Indicator, Play/Pause, Volume, Quick access Buttons
 - Rear Panel:
 - Ethernet, USB, Trigger Out, IR In, Audio In, Audio Out, Reset (factory/ DHCP)
 - 2. Manufacturer: CrutchField or equal

2.04 POWER DISTRIBUTION

- A.** Power distribution (1 required)
 - 1. 15 amp rating, circuit breaker
 - 2. Surge Protection Device.

2.05 WIRE

- A.** Speaker Cable
 - 1. 2 conductor unshielded/ Flexible Clear Jacketed
 - 2. 16 AWG speaker wire
 - 3. Manufacturer- CrutchField or equal

PART 3 - EXECUTION

3.01 COMPLETION: complete system shall be install per manufacturer's recommendations and all applicable codes.

3.02 LABELS

- A.** Assign a unique alphanumeric designation to each microphone and speaker cable. Only machine printed heat shrink or self-laminating labels will be acceptable. Kroy or Brady labels are typical.

3.03 TEST & INSTRUCTION

- A.** Checkout and final connections to the sound system shall be made by a factory authorized representative. Representative shall demonstrate operation of the complete system and each major component.
- B.** Sound system supplier shall measure completed sound system performance to verify that the system conforms to the coverage.
- C.** Sound system supplier shall verify that the wireless microphone frequencies are non-conflicting
- D.** Upon completion of the installation provide copied of the complete operational instructions and record drawings.

- E. Upon completion of the installation of the equipment, the electrical contractor shall provide a written and signed statement of performance by the sound system supplier.
- F. Sound system supplier shall provide training for owner's representative, for a minimum of two hours, and shall receive the signed approval of the owner indicating acceptable owner training receipt.

3.04 WARRANTY

- A. Provide complete warranty of system for a period of one-year following final acceptance of the system by owner. No charges may be made for any labor, equipment or transportation to maintain the system during this period.
- B. Warranty shall cover any and all system failure or malfunction not directly attributable to acts of God, abuse or use contrary to written instructions from the Sound Contractor.
- C. Respond with remedy to a trouble call within 24 hours after receipt of such call. Provide service phone number valid during normal business hours (9:00 a.m. – 5:00 p.m. CT) Monday through Friday
- D. During warranty period, provide temporary "loaner" replacement equipment without charge when immediate repairs cannot be made on site.

END OF SECTION 27 15 19



Consultant:

SOUTHWEST WISCONSIN TECHNICAL COLLEGE
BOOKSTORE REMODEL

Project Location: 1800 BRONSON BLVD
FENNIMORE, WI 53609

Sheet Title: DEMO PLANS

Southwest Wisconsin Technical College Bid
Number: 1920-05

Project Date: NOVEMBER 2019

Drawn By: NEHA KHARB

Key Plan:

No.	Description	Date
A01	ADDENDUM #1	11/26/19

Graphic Scale: VARIES

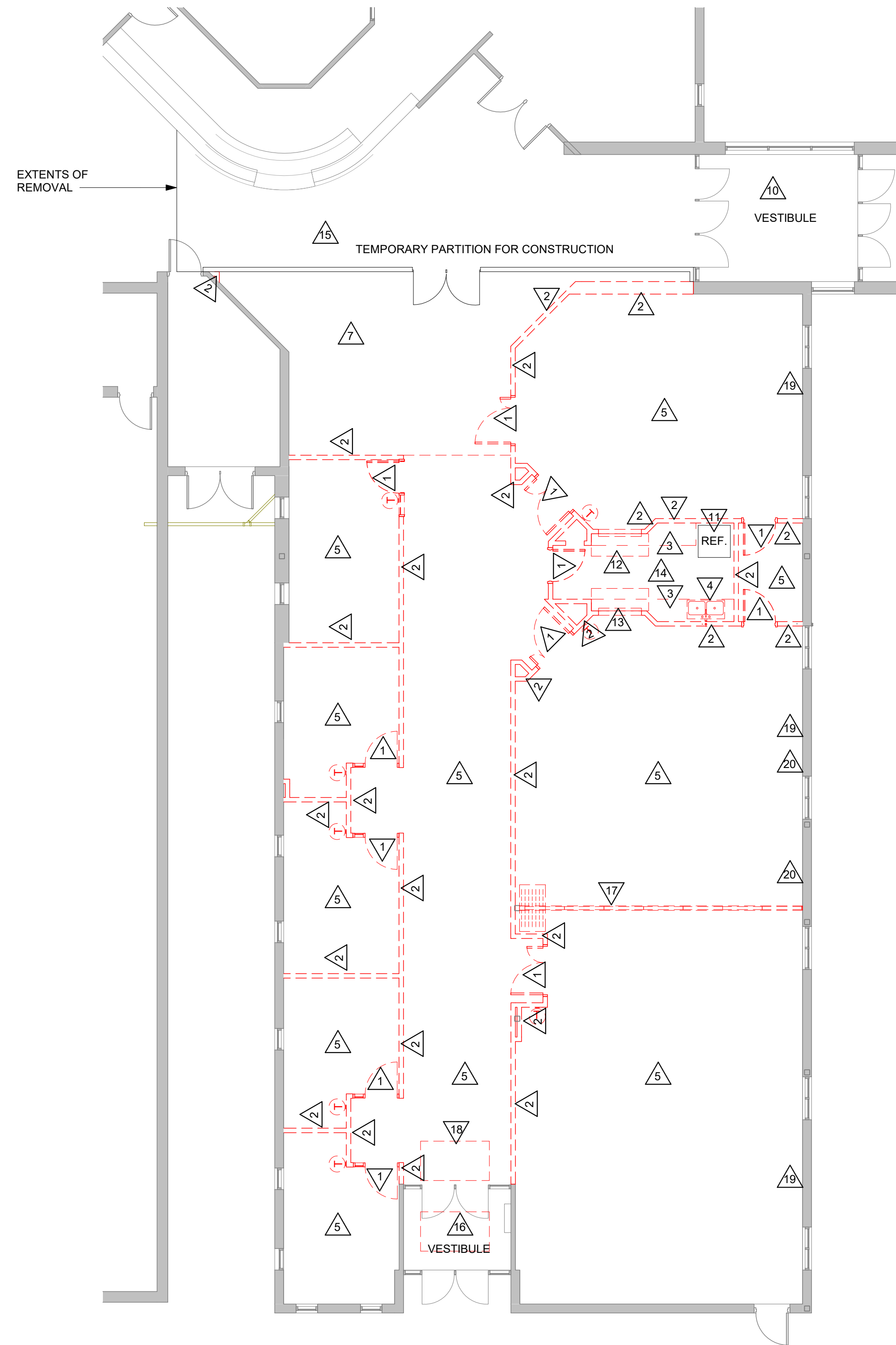
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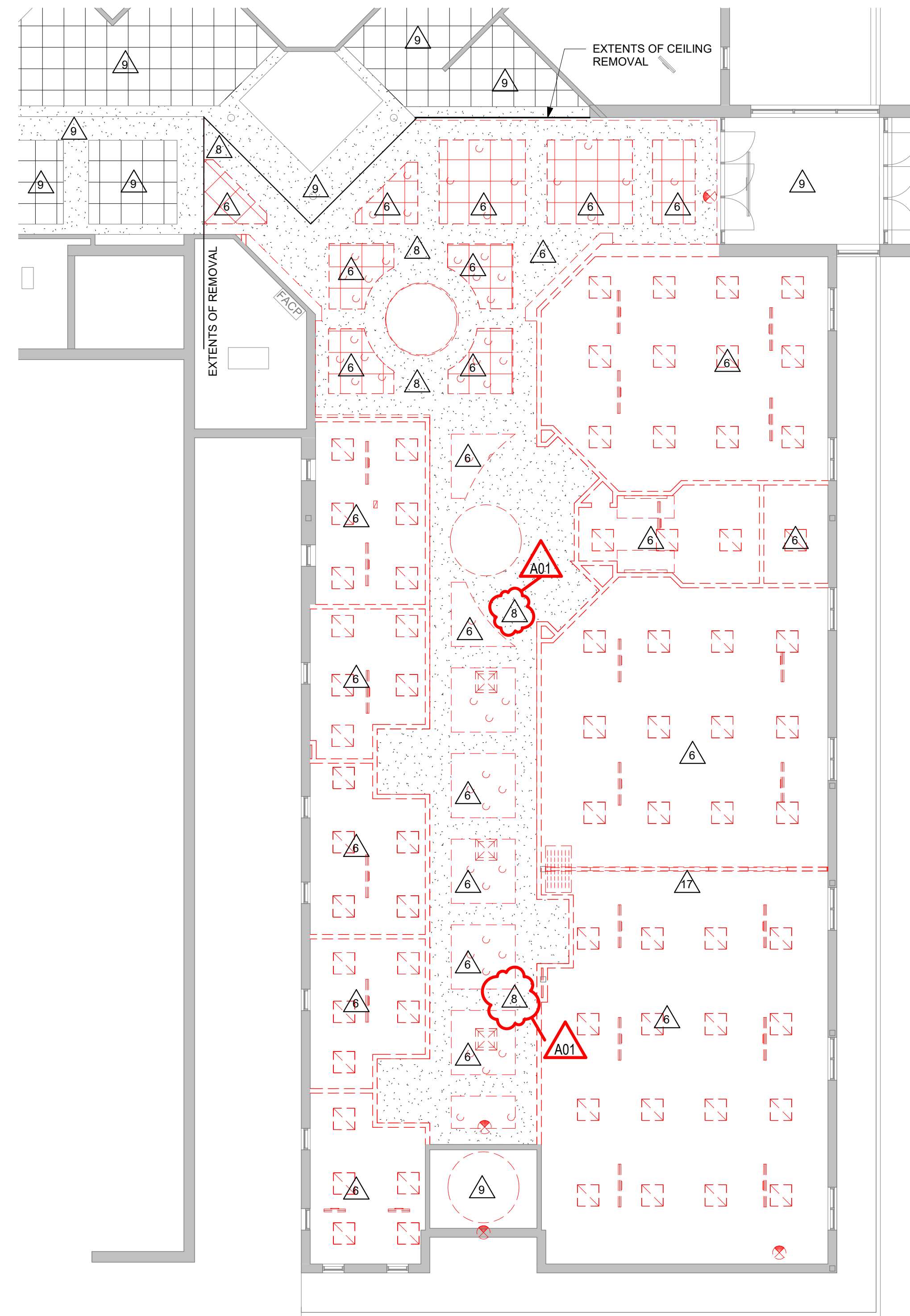
- REMOVAL GENERAL NOTES:**
- A ALL STRUCTURES SHOWN DASHED ON THIS PLAN SHALL BE COMPLETELY REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR UNLESS OTHERWISE NOTED. REFERENCE MEP SHEETS FOR ALL EQUIPMENT REMOVALS AND MODIFICATIONS. TIME AND METHODS SHALL BE COORDINATED WITH AND AGREED TO BY THE OWNER AND ARCHITECT. THIS SHALL INCLUDE ALL ELECTRICAL, MECHANICAL OR PLUMBING WITHIN THE REMOVED STRUCTURE. TERMINATE AND CAP MEP AS REQUIRED. DO NOT ABANDON IN PLACE UNUSED CONDUIT, PIPE, ETC. REMOVE COMPLETELY. VERIFY GENERAL CONDITIONS IN FIELD PRIOR TO BIDDING.
 - B PREPARATION FOR NEW FINISHES SHALL INCLUDE BUT NOT LIMITED TO REMOVAL OF EXISTING FINISHES, REMOVAL OF TAPES, GLUES (MASTIC), NAILS, ETC. PATCHING OF HOLES AND CRACKS TO PROVIDE AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.
 - C OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.
 - D DELIVERY ROUTE AND TIMES FOR NEW MATERIALS AND EQUIPMENT SHALL BE COORDINATED WITH AND AGREED TO BY THE OWNER.
 - E CONTRACTORS SHALL BE REQUIRED TO USE EFFECTIVE MEASURES TO AVOID SPREADING/TRACKING DUST AND DEBRIS OUTSIDE THE WORK SPACE.
 - F MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING. COORDINATE WITH LOCAL FIRE MARSHAL AS REQUIRED.
 - G ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.
 - H CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING, BRACING, ETC. AS REQUIRED FOR THE WORK.
 - J COORDINATE STORAGE LOCATIONS FOR SALVAGED EQUIPMENT, ACCESSORIES, ETC. WITH THE OWNER. SALVAGED ITEMS SHALL BE PLACED AT A COMMON LOCATION INDICATED BY OWNER.
 - K CONTRACTOR TO INSTALL AND MAINTAIN A DUST ENCLOSURE TO SEPARATE CONSTRUCTION AREA FROM OCCUPIED AREAS.

- REMOVAL PLAN LEGEND:**
- SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
 - REMOVE ITEMS NOTED WITH DASHED LINES
 - SYMBOL INDICATES REMOVAL OF DOOR AND FRAME UNLESS NOTED OTHERWISE

- KEY NOTES REMOVAL**
- 1 REMOVE EXISTING DOOR AND METAL FRAME - SALVAGE TO OWNER
 - 2 REMOVE EXISTING GYP. BOARD WALL FOR NEW CONSTRUCTION
 - 3 REMOVE EXISTING CASEWORK AND COUNTERTOP
 - 4 REMOVE EXISTING PLUMBING - COORDINATE W/ PLBG.
 - 5 REMOVE EXISTING CARPET TILE AND VINYL BASE AND PREP FLOOR FOR NEW FINISH
 - 6 REMOVE EXISTING CEILING TILES, GRID, LIGHTS AND MECHANICAL GRILLS - COORDINATION WITH MECH AND ELEC.
 - 7 REMOVE EXISTING CERAMIC TILE AND PREP FLOOR FOR NEW FINISH
 - 8 REMOVE EXISTING GYP. BOARD SOFFIT
 - 9 EXISTING CEILING TO REMAIN
 - 10 REMOVE EXISTING WALK OFF CARPET AND PREP FLOOR FOR NEW FINISH
 - 11 REMOVE EXISTING REFRIGERATOR AND SALVAGE TO OWNER
 - 12 REMOVE EXISTING COILING COUNTER DOOR AND SALVAGE TO OWNER
 - 13 REMOVE EXISTING COILING COUNTER DOOR AND SALVAGE FOR REINSTALLATION (DOOR 1098) - SEE DOOR SCHEDULE
 - 14 REMOVE EXISTING VCT TILE FLOOR AND BASE - PREP FLOOR FOR NEW FLOOR FINISH
 - 15 COORDINATE WITH SCHOOL FOR ADDITIONAL REMOVALS
 - 16 REMOVE EXISTING CERAMIC TILE AND RECESSED FLOOR MAT - INFILL RECESS AND PREP FLOOR FOR NEW FINISH
 - 17 REMOVE FOLDING PANEL PARTITION WALL AND ASSOCIATED OVERHEAD STRUCTURE - STEEL COLUMN TO REMAIN IN PLACE
 - 18 REMOVE EXISTING RECESSED FLOOR MAT - INFILL FLOOR AND PREP FOR NEW FINISH
 - 19 REMOVE EXISTING CHAIR RAIL PATCH WALL AS REQUIRED
 - 20 REMOVE EXISTING WALL TRACK STRIPS - PATCH WALL AS REQUIRED



1 FIRST FLOOR DEMO PLAN
1/8" = 1'-0"



2 FIRST FLOOR CEILING DEMO PLAN
1/8" = 1'-0"



Consultant:

Project Title: SOUTHWEST WISCONSIN TECHNICAL COLLEGE
BOOKSTORE REMODEL

Project Location: 1800 BRONSON BLVD
FENIMORE, WI 53809

Sheet Title: REMODEL PLAN AND REFLECTED CEILING PLAN

Southwest Wisconsin Technical College Bid Number: 1920-05

Project Date: NOVEMBER 2019

Drawn By: NEHA KHARB

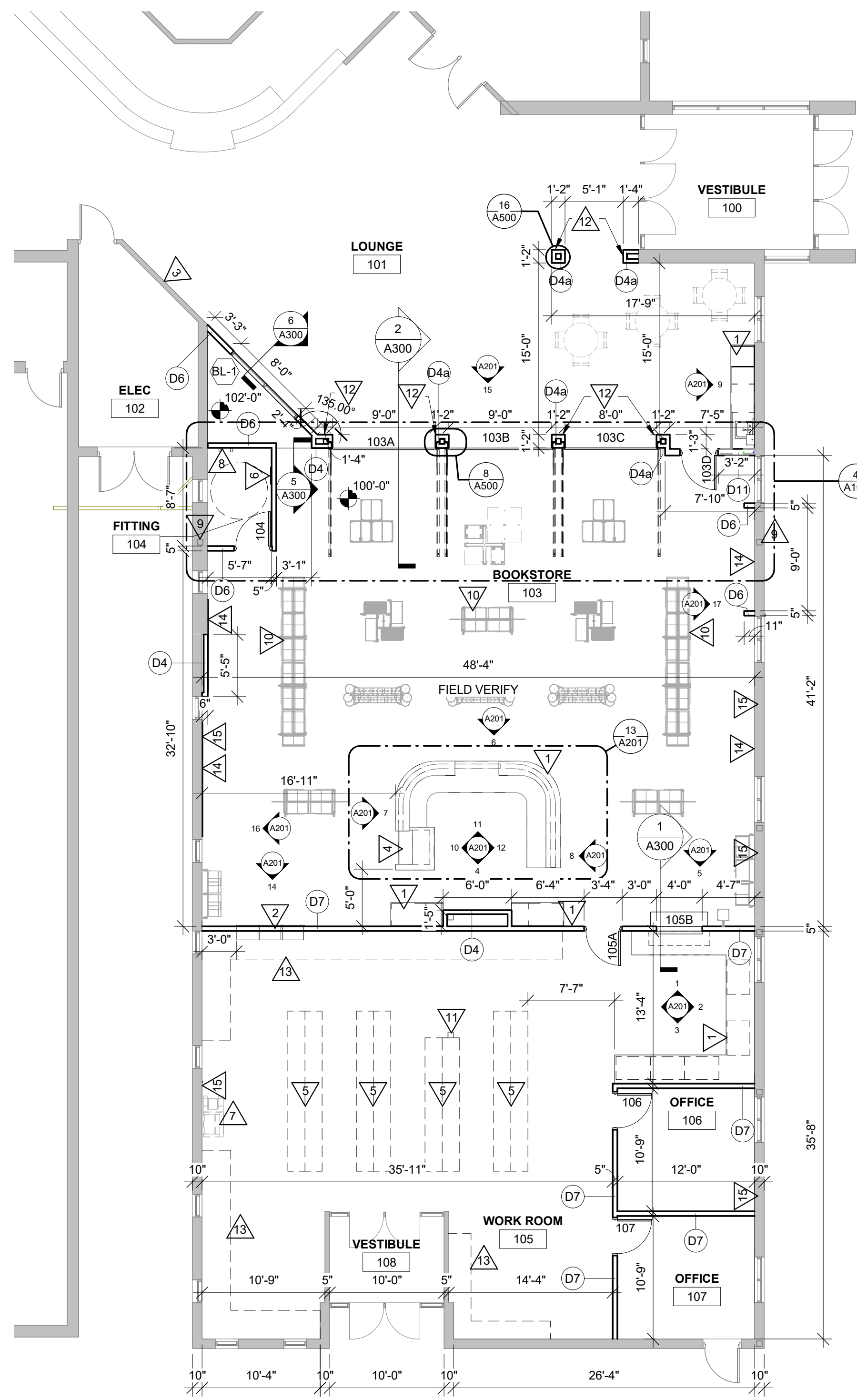
Key Plan:

No.	Description	Date
A01	ADDENDUM #1	11/26/19

Graphic Scale: VARIES

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1 FIRST FLOOR REMODEL PLAN
1/8" = 1'-0"

- GENERAL NOTES:**
- A SEE ID SHEETS FOR FLOOR AND WALL FINISH LAYOUTS.
 - B LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.
 - C REFER TO OVERALL PLANS FOR AND ACCESSIBILITY ROUTES.
 - D EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE. SEE 9A300 FOR TOP OF WALL DETAIL.
 - E PAPER TOWEL DISPENSER (PTD) AND LIQUID SOAP DISPENSER (LSD) - PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR - SEE ELEVATION 13A201

- LEGEND:**
- SYMBOL INDICATES WALL TYPE - SEE SHEET A600 FOR WALL TYPE DETAILS.
 - SYMBOL INDICATES WINDOW TYPE. SEE SHEET A600 FOR WINDOW FRAME ELEVATIONS.
 - SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

- KEY NOTES PLAN**
- 1 PLASTIC LAMINATE CASEWORK - SEE ELEVATIONS ON A201
 - 2 MAIL BOXES
 - 3 DIGITAL DISPLAY AREA - MONITORS - NIC
 - 4 UNDERCOUNTER SELF SERVICE COOLER
 - 5 BOOK SHELVES - NIC
 - 6 MIRROR 18" W X 60" H W/ METAL EDGES. TOP @ 6'-0" A.F.F.
 - 7 PRINTER/ COPIER - NIC
 - 8 COAT HOOKS - 2
 - 9 L4x4x3/8 SEAT FOR HSS WELDED TO (E) HSS 6x6 COL
 - 10 BOOKSTORE FURNITURE SHOWN FOR REFERENCE ONLY - NIC
 - 11 PAINT EXISTING COLUMN
 - 12 COLUMN WRAPPED W/ PLAM PANELS - SEE DETAIL ON A500
 - 13 WORK ROOM SEE ELEVATIONS ON A201
 - 14 EXTERIOR WALL - SEE ELEVATIONS ON A201
 - 15 INSTALL DRYWALL EXPANSION JOINTS WHERE DRYWALL CRACKS APPEAR ON EXTERIOR WALL. REMOVE PORTION OF EXISTING DRYWALL TO INSTALL EXPANSION JOINT AND NECESSARY REINFORCEMENTS ON EITHER SIDE OF JOINT IF NEEDED. SPACING AT 30'-0" MAX ALONG EXTERIOR WALL.

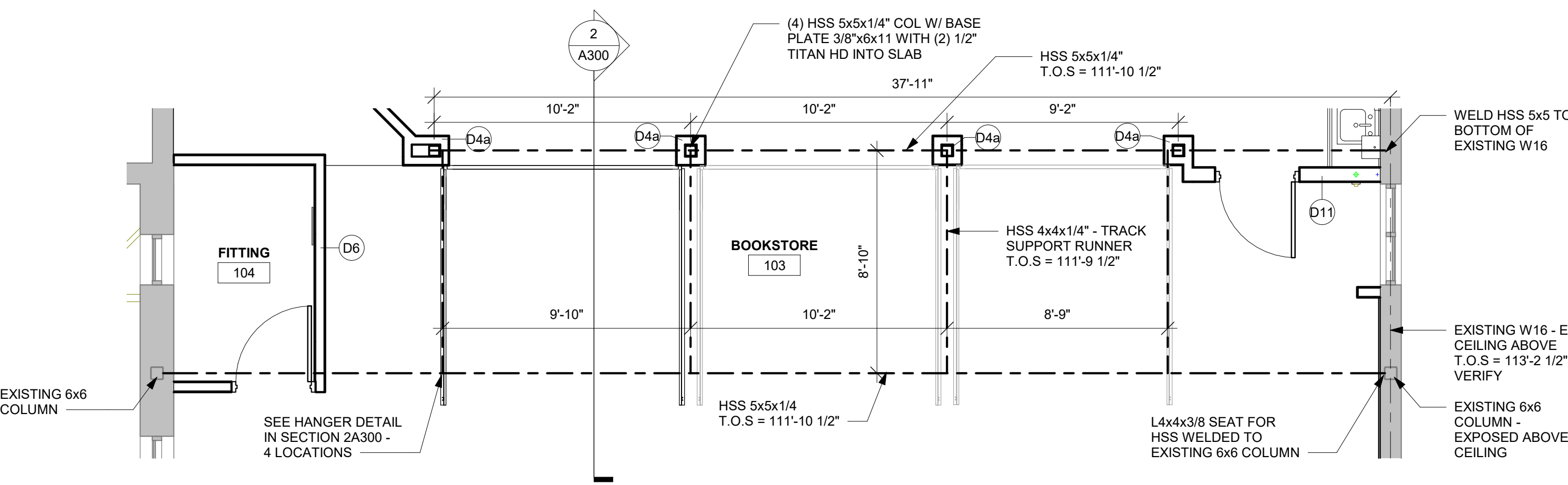


2 FIRST FLOOR CEILING REMODEL PLAN
1/8" = 1'-0"

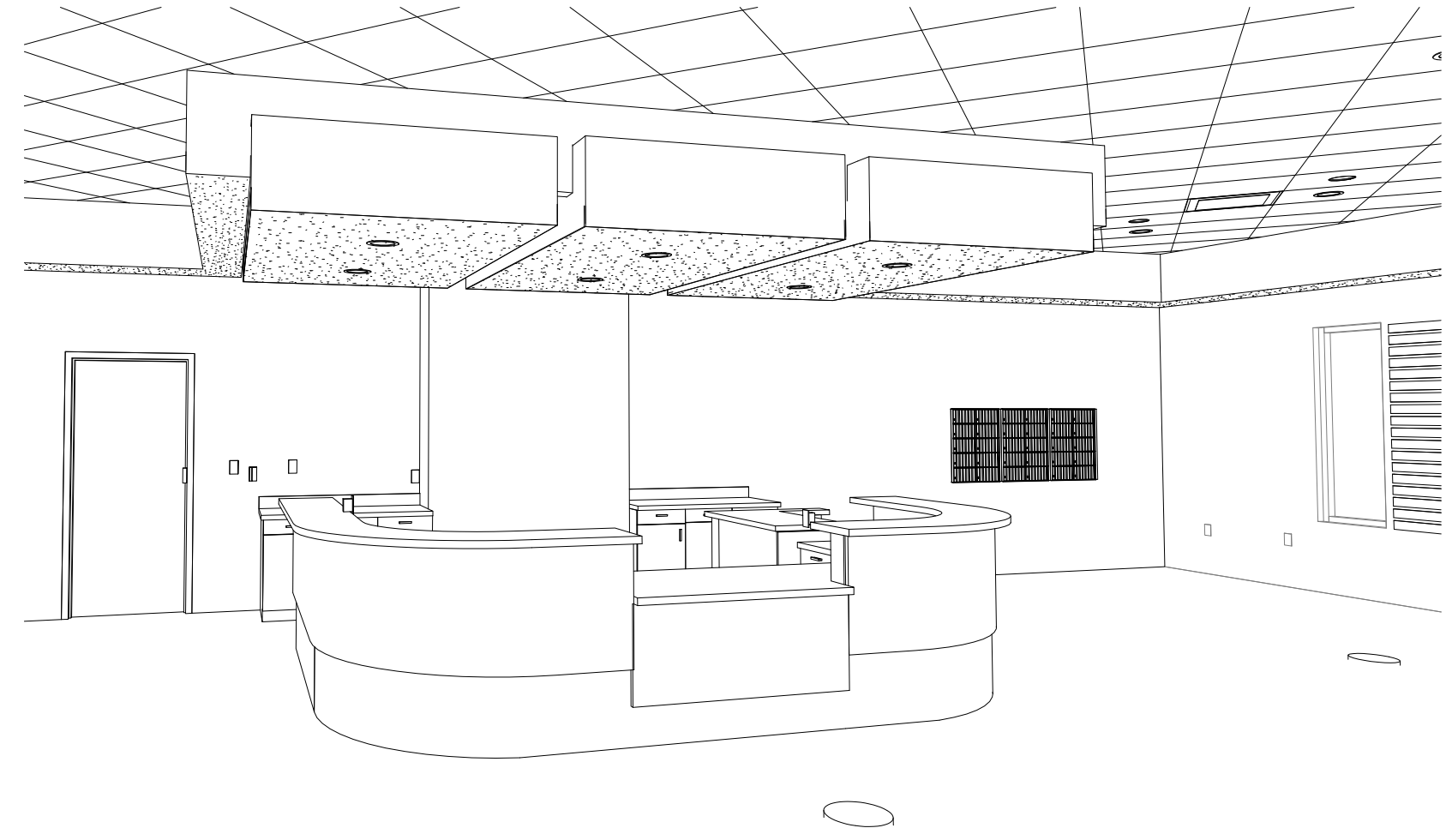
- GENERAL NOTES:**
- A SEE MECHANICAL FOR CEILING GRILLE INFORMATION
 - B SEE ELECTRICAL FOR LIGHTING TYPES
 - C ALL INTERIOR PARTITIONS TO EXTEND TO BOTTOM OF DECK UNLESS OTHERWISE NOTED. CLOSE DECK FLUTES AT TOP OF WALL WITH NEOPRENE FILLER. IN GYP/STUD PARTITIONS SEE SPECIFICATION FOR LEVEL OF FINISH ABOVE FINISHED CEILING.
 - D ALL REMAINING ANNULAR SPACE AROUND ITEMS PENETRATING WALLS SHALL BE NEATLY SEALED.
 - E HANGERS AND SUPPORTS, MECHANICAL, PLUMBING, ELECTRICAL AND OTHER CABLING CONTRACTORS SHALL NOT HANG OR SUPPORT THE WORK FROM THE ROOF DECK IN ANY FASHION. CONDUIT RUNS SHALL NOT BE LAID ON ROOF DECK NOR LAID ON THE STRUCTURAL SUPPORT THAT SUPPORTS THE ROOF DECK. NO FASTENERS SHALL PENETRATE ROOF DECK BY ANY TRADE OTHER THAN THE ROOFING CONTRACTOR FOR THE NEW ROOF SYSTEM.
 - G REFER TO INTERIOR DESIGN SHEETS FOR OTHER FINISHES
 - H CEILING TYPES INSTALLED AS NOTED ON PLANS. SEE SPECIFICATIONS FOR ADDITIONAL SYSTEM INFORMATION.
ACT-2=TEGULAR EDGE, LMC-1 = LINEAR METAL CEILING SYSTEM W/ 6" PROFILE EDGE, PG = PREFINISHED GRID.

- LEGEND:**
- LIGHT FIXTURE - SEE ELECTRICAL
 - LIGHT FIXTURE - SEE ELECTRICAL
 - LIGHT FIXTURE - SEE ELECTRICAL
 - LIGHT FIXTURE - SEE ELECTRICAL
 - LIGHT FIXTURE - SEE ELECTRICAL
 - SPEAKER - SEE ELECTRICAL
 - SUPPLY - SEE MECHANICAL
 - RETURN - SEE MECHANICAL
 - SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

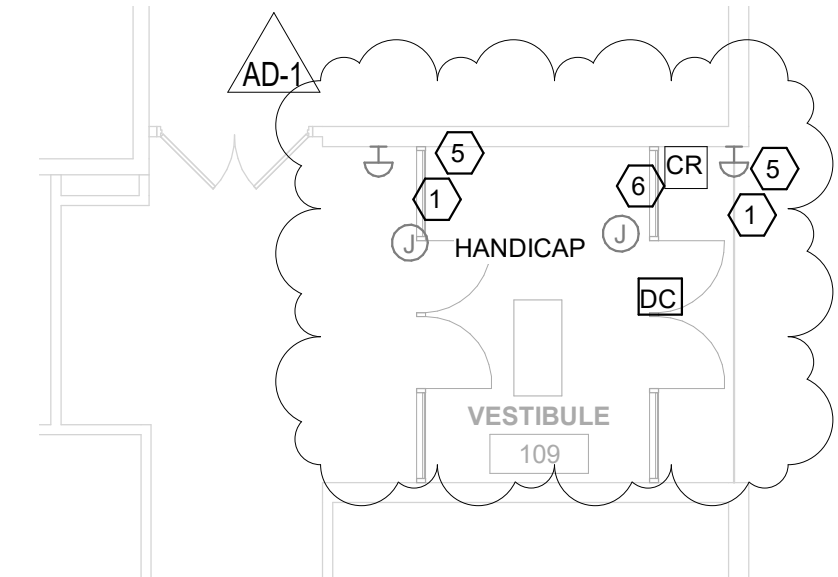
- KEY NOTES RCP**
- 1 GYP BOARD SOFFIT - PAINT
 - 2 TRACKS FOR OVERHEAD DOORS - SEE HANGER DETAIL 2A300 - 4 LOCATIONS
 - 3 EXPOSED STRUCTURE AND MECHANICAL EQUIPMENT ABOVE GRID - CLEAN, EXPOSED AND PAINT
 - 4 EXISTING SKYLIGHT TO REMAIN
 - 5 EXISTING SOFFIT - TO REMAIN - INSTALL GYP BD TO 1'-0" ABOVE CEILING CLOUDS
 - 6 EXTEND GYP SOFFIT VERTICAL 1'-0" ABOVE PREFINISHED GRID CEILING - PAINT SOFFIT ABOVE GRID PNT-3
 - 7 ACT CLOUDS TO HAVE A FIN EDGE PROFILE



4 STRUCTURAL PLAN FOR OVERHEAD DR
1/4" = 1'-0"



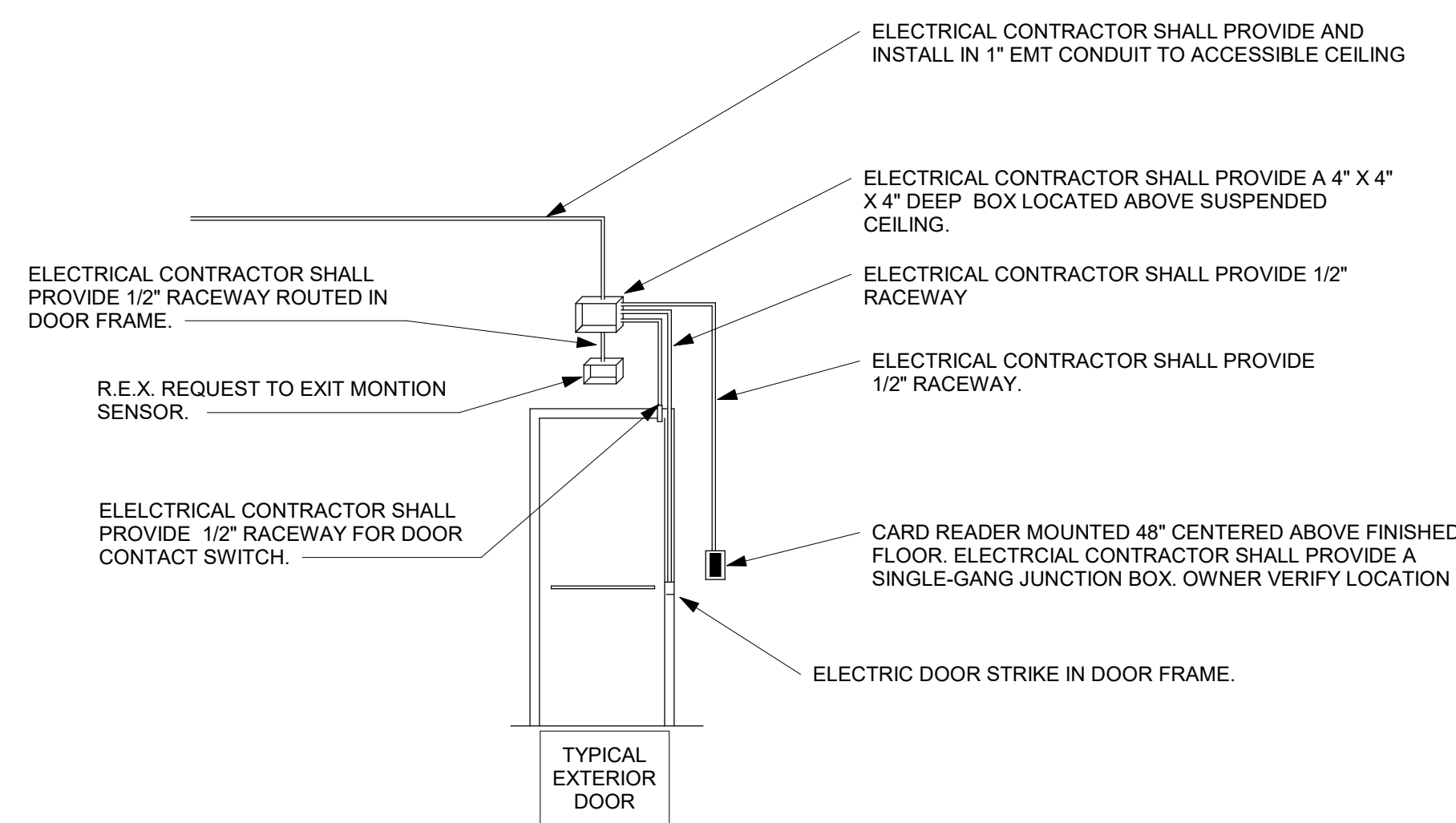
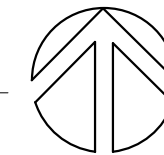
3 3D VIEW - CHECKOUT DESK
N.T.S.



1

VESTIBULE POWER PLAN

1/8" = 1'-0"

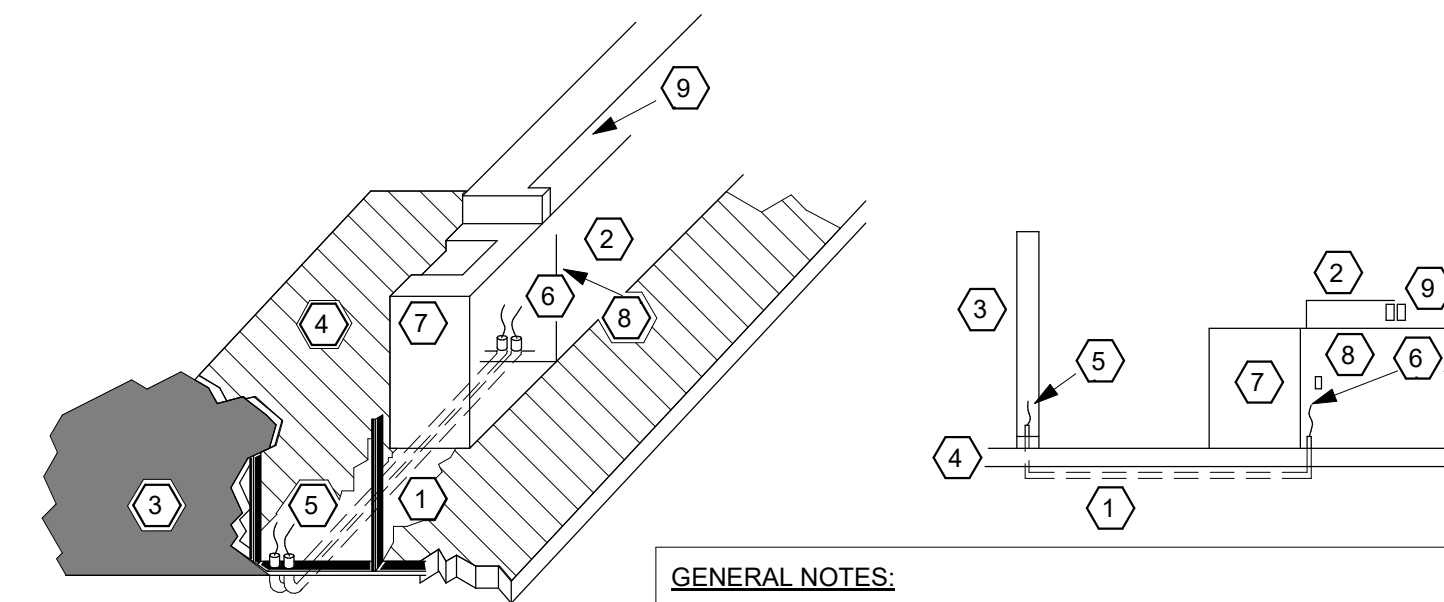


- GENERAL NOTES:**
- A. ELECTRICAL CONTRACTOR SHALL PROVIDE JUNCTION BOXES AND CONDUIT AS NOTED IN DETAIL FOR ELECTRIC CARD ACCESS SYSTEM.
 - B. ALL LOW VOLTAGE WIRING, DEVICES AND TERMINATIONS BY SCHOOL DISTRICT DOOR ACCESS INSTALLER DORMAKABA.

3

DOOR ACCESS DETAIL

NTS



- GENERAL NOTES:**
- A. ELECTRICAL CONTRACTOR SHALL PROVIDE JUNCTION BOXES CONNECTIONS AND CONDUIT AS NOTED IN DETAIL.

- NOTES:**
1. (2) 3/4" CONDUIT RUN PARALLEL WITH 6" STUBS.
 2. DESK / COUNTER.
 3. NEW WALL.
 4. EXISTING CONCRETE FLOOR.
 5. DATA RUN AND STUB OUT.
 6. POWER RUN AND STUB OUT. CIRCUITS 1RB-27 (NEMA L5-20) & 1RA-4
 7. UNDER COUNTER OPEN AIR COOLER (NEMA L5-20P)
 8. NEMA L5-20 RECEPTACLE (18" AFF)
 9. DUPLEX AND DATA RECEPTACLE

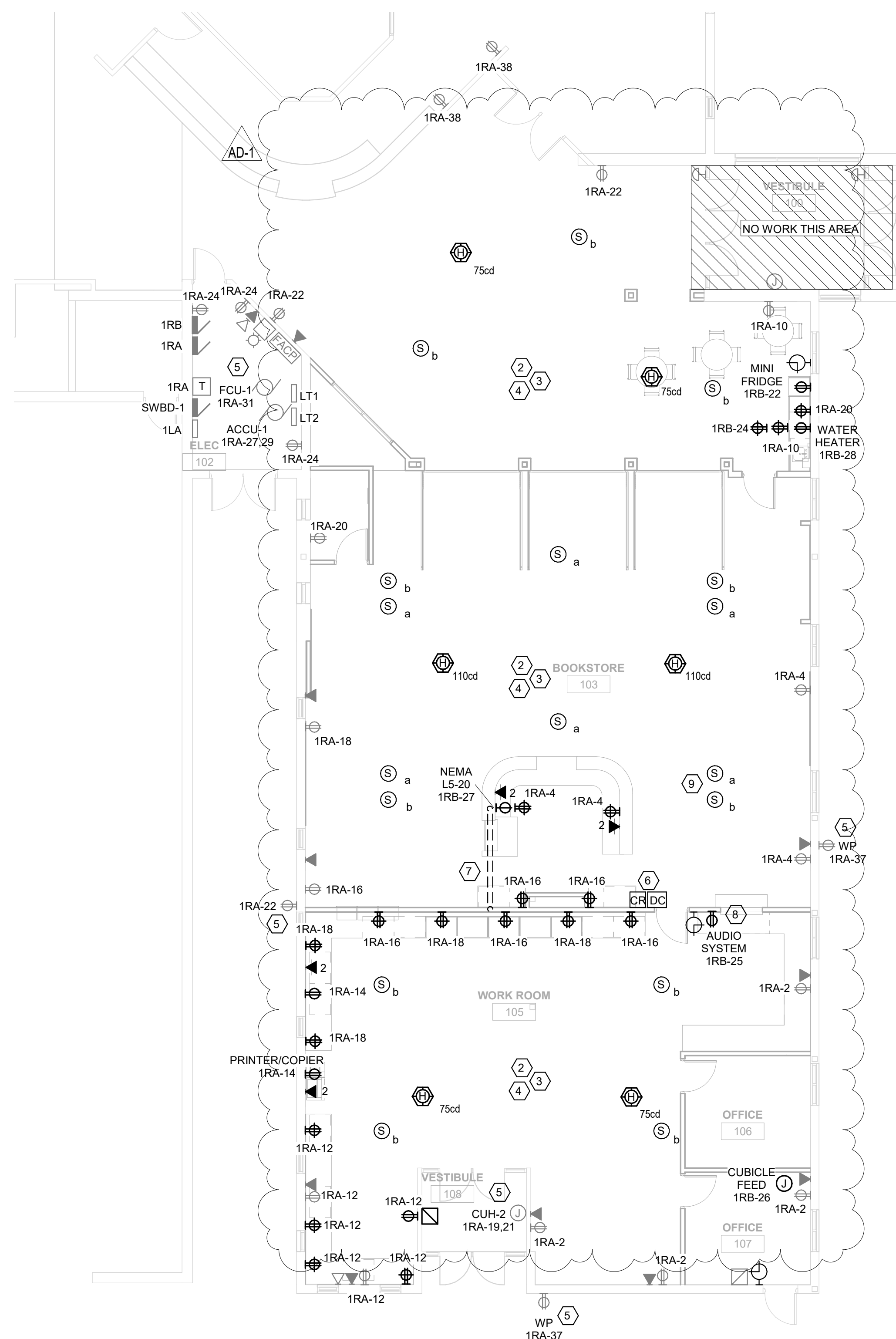
4

UNDERFLOOR CONDUIT DETAIL

NTS

- GENERAL NOTES :**
- A. PROVIDE GROUND CONDUCTOR IN ALL RACEWAYS.
 - B. PROVIDE SEPARATE NEUTRAL CONDUCTORS FOR EACH BRANCH CIRCUIT.
 - C. THE WORD "PROVIDE" MEANS TO FURNISH AND INSTALL.
 - D. SEE MOTOR, EQUIPMENT, HEAT PUMP SCHEDULES SHEET E600 FOR ALL PANEL DESIGNATIONS, AND CIRCUIT NUMBERS, AND BREAKER SIZES.
 - E. CIRCUIT NUMBERS INDICATED ON DRAWINGS ARE FOR REFERENCE. ELECTRICAL CONTRACTOR TO ARRANGE BRANCH CIRCUITS AS REQUIRED FOR WIRING AND LOAD BALANCING. INDICATE ACTUAL PANELBOARD CIRCUIT NUMBERS ON AS-BUILT DRAWINGS.
 - F. SEE ARCHITECTURAL SHEETS FOR RELEVANT INTERIOR ELEVATIONS, SECTIONS AND MISCELLANEOUS BUILDING INFORMATION REQUIRED TO COMPLETE THE ELECTRICAL INSTALLATION.
 - G. COORDINATE ALL HVAC WITH MECHANICAL CONTRACTOR. REFERENCE HVAC DRAWINGS.
 - H. ALL SECURITY ACCESS CONTROL REMOVAL, INSTALL AND DEVICES TO BE CONTRACTED BY DORMAKABA PER OWNER.
 - J. E.G. TO MATCH EXISTING DEVICES THAT REMAIN.

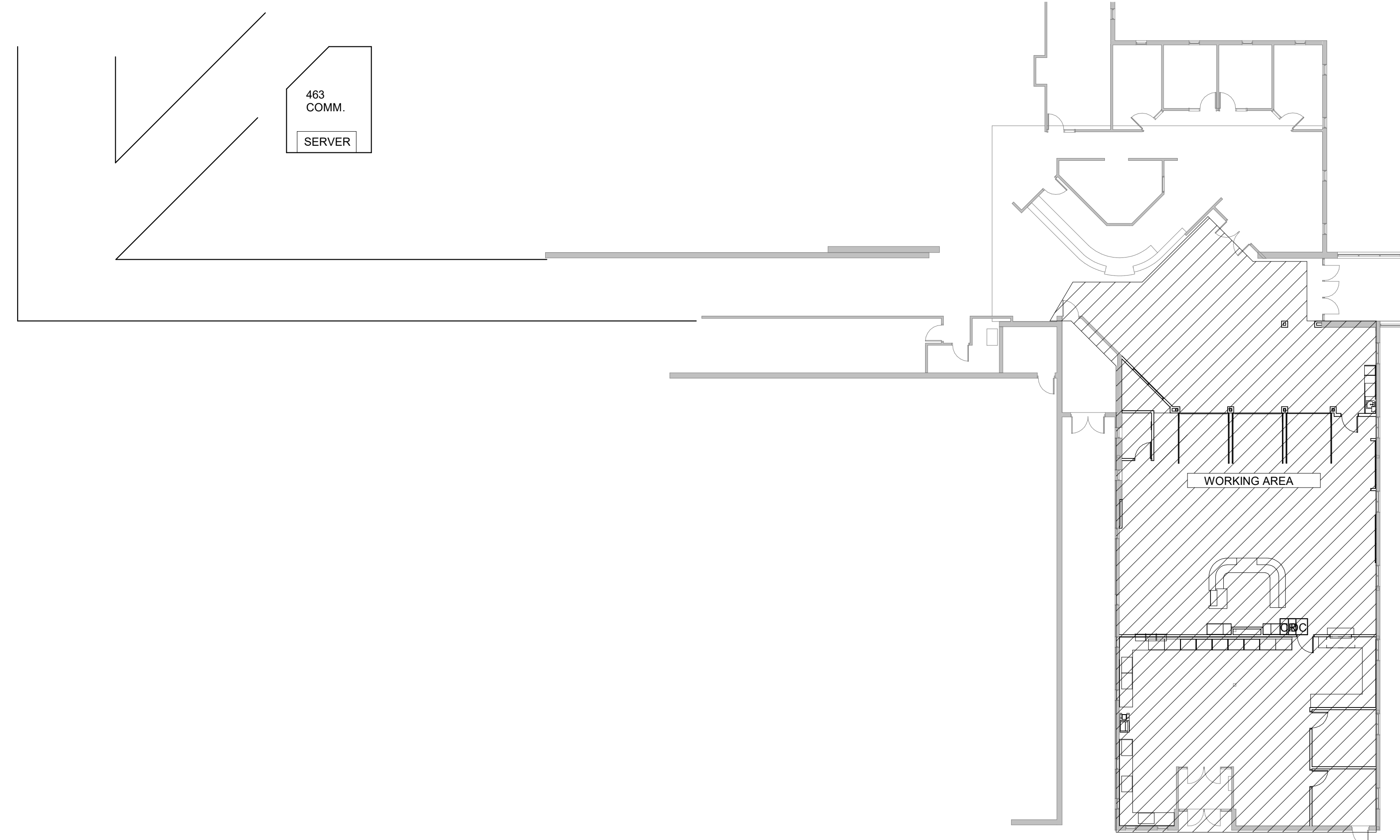
- POWER KEY NOTES : (A)**
1. USE EXISTING CIRCUITS AS NOTED.
 2. USE EXISTING SPEAKER AMP. IN ROOM 463.
 3. RUN ALL NEW GATS TO EXISTING SERVER ROOM 463. SPEC SECTION 27-10-05.
 4. CONNECT ALL NEW FA DEVICES TO EXISTING EDWARDS FIRE ALARM SYSTEM IN ROOM 401 THIS AREA.
 5. EXISTING APPLIANCES AND DEVICES.
 6. CONNECT TO EXISTING SECURITY SYSTEM. USE DORMAKABA FOR SECURITY PER OWNER REQUEST.
 7. CUT AND INSTALL (2) 3/4" CONDUIT FROM WALL TO DESK UNDER THE CONCRETE WITH 6" STUB UP FROM THE FLOOR FOR REGISTER CONNECTIONS. LOCATE AUDIO SYSTEM UNDER COUNTER.
 - 8.
 9. SPEAKER (a) SOUND SYSTEM - OWNER PROVIDED. SPEAKER (b) INTERCOM SYSTEM - OWNER PROVIDED. OWNER INSTALL TYPICAL.



2

STORE POWER PLAN

1/8" = 1'-0"



5

OVERVIEW FOR DATA PLAN

1/16" = 1'-0"



No.	Description	Date
AD-1	AD-1	09-13-2019

Graphic Scale: **VARIES**

Last Update: **11/25/2019 8:56:10 AM**

