HURLBURT HALL
HISSHO SUSHI RENOVATION

Radford University
Commonwealth of Virginia

224 Jefferson Street
Radford, Virginia

Project Code: 25-12490

ARCHITECT:

The Architects Alliance Inc.

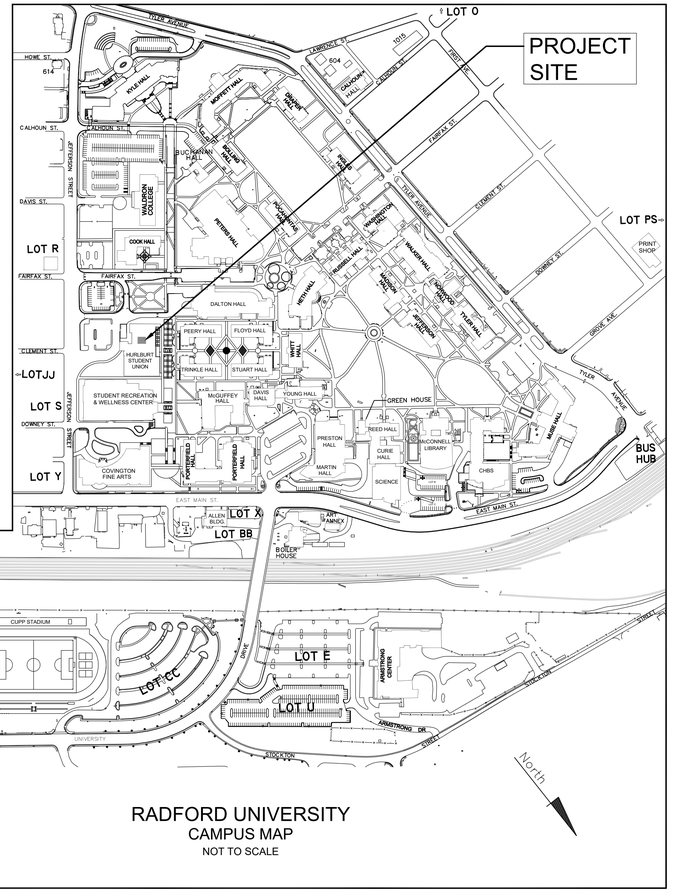
MECHANICAL ENGINEER:
Mann & Associates Inc.

ELECTRICAL ENGINEER:
Gibson Engineering, LLC

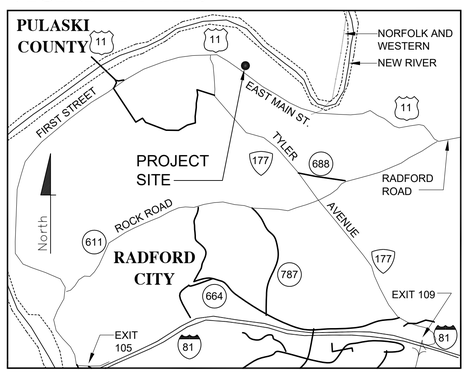
CODE INFORMATION:

APPLICABLE CODES:	2021 Virginia Uniform Statewide Building Code (VUSBC), Part II, adopted January 18, 2024, also know as the 2021 Virginia Existing Building Code (VEBC). Scoping Requirements of the Americans with Disabilities Act 2010 ADA Standards for Accessible Design (ADA 2010), Title II, Subtitle A, published September 15, 2010, and adopted March 1, 2011; Chapter 2, and as modified by Construction & Professional Services Manual, Section 4.2. Technical Requirements of the Standards for Accessible and Usable Buildings and Facilities (ICC A117.1-2017), approved March 28, 2017; Chapters 1, and 3 through 11, and as modified by Construction & Professional Services Manual, Section 4.2. Virginia Mechanical Code 2021 Virginia Plumbing Code 2021 Virginia Electrical Code 2020 (NFPA 70, 2020 Amended) Construction and Professional Services Manual for Architects/Engineers (CPSM), 2025 Edition, Revision 0, effective March 17, 2025.
USE GROUP:	Existing: Nonseparated Mixed Use - A-2, A-3, & B
CONSTRUCTION CLASSIFICATION:	Equivalent to IIB (Non-Combustible, Unprotected) - Unchanged
VUSBC OCCUPANCY:	23 Occupants - Renovated Area (See Sheet LS1)
DESIGN LIVE LOADS:	Floor Live Load: 100 PSF
RENOVATION AREA:	750 GSF
VUSBC BUILDING AREA:	49,883 GSF (Total Building)
BUILDING STORIES:	Two (Total Building)
FIRE SUPPRESSION SYSTEM:	Automatic Sprinkler System
FIRE ALARM SYSTEM:	Automatic Fire Alarm System
HIGH PERFORMANCE BLDGS. ACT:	In accord with the High Performance Buildings Act, the building is exempt from compliance because the renovated building area is not greater than 5,000 gross square feet.
VA ENERGY CONSERVATION CODE:	In accord with the Virginia Energy Conservation Code (VECC), the building shall comply with VECC Sections C403 through C405 and C408, as applicable.

LOCATION MAP:



VICINITY MAP:



SEAL:

INDEX OF DRAWINGS:

ASBESTOS-CONTAINING MATERIALS NOTE:

AN ASBESTOS INSPECTION WAS NOT PERFORMED BECAUSE ALL PORTIONS OF THE EXISTING BUILDING THAT MAY BE AFFECTED BY THE WORK WERE ORIGINALLY CONSTRUCTED AFTER JANUARY 1, 1985.

IF A SUSPECT ASBESTOS MATERIAL IS ENCOUNTERED IN THE COURSE OF WORK, WORK SHALL STOP AND THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY.

ASBESTOS-CONTAINING MATERIALS OR PAINTS CONTAINING LEAD SHALL NOT BE USED IN ANY FORM ON STATE PROPERTY (RADFORD UNIVERSITY).

LEAD-CONTAINING MATERIALS NOTE:

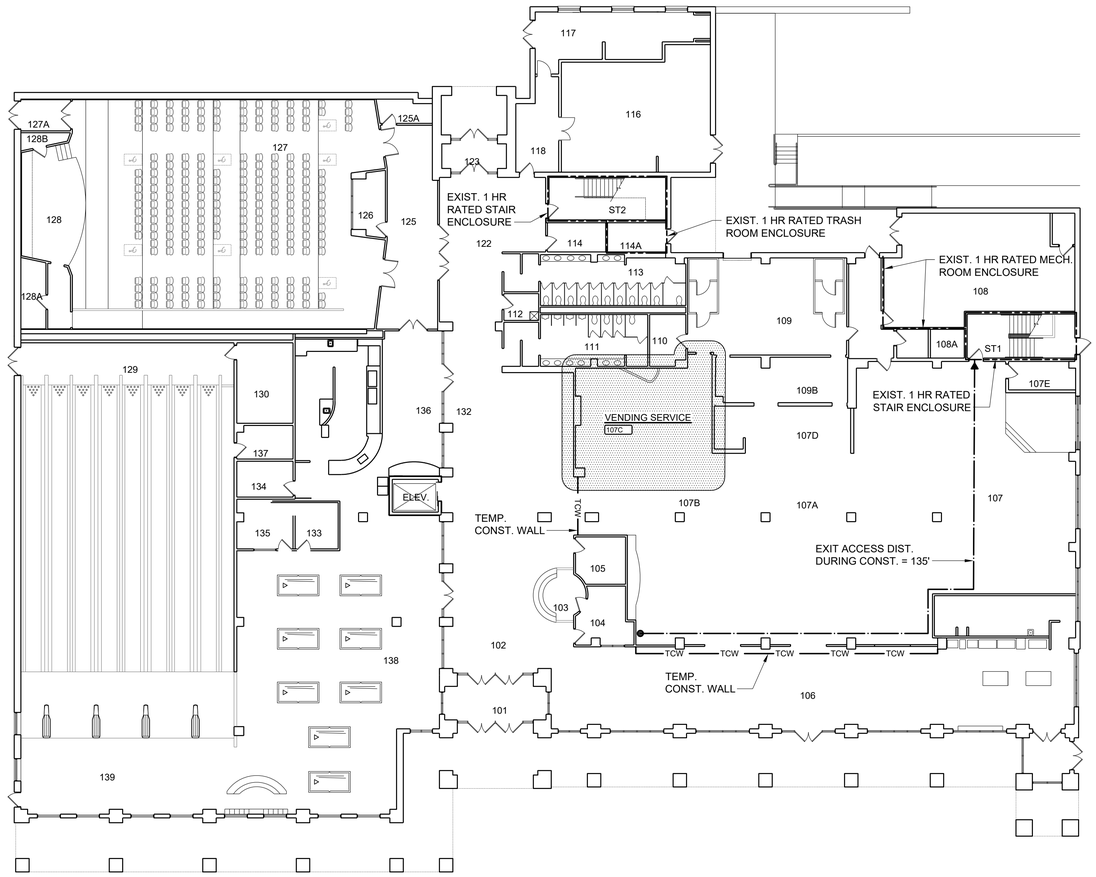
AN INSPECTION TO IDENTIFY LEAD-CONTAINING OR COATED BUILDING COMPONENTS HAS NOT BEEN CONDUCTED BECAUSE THE BUILDING WAS CONSTRUCTED AFTER JANUARY 1, 1985 AND THE OWNER HAS NO KNOWLEDGE OF LEAD CONTAINING OR COATED BUILDING COMPONENTS IN THE BUILDING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL VIRGINIA OCCUPATIONAL SAFETY AND HEALTH (VOSH) REGULATIONS AS THEY PERTAIN TO EMPLOYEE EXPOSURES TO LEAD. ALL LEAD AND LEAD-COATED BUILDING COMPONENTS SHALL BE RECYCLED TO THE EXTENT POSSIBLE.

NOTE: ALL INFORMATION RELATED TO ASBESTOS-CONTAINING AND LEAD-CONTAINING MATERIALS IS PROVIDED BY THE OWNER.

DATE: March 24, 2025

TAA PROJECT NO.: 116584

T1



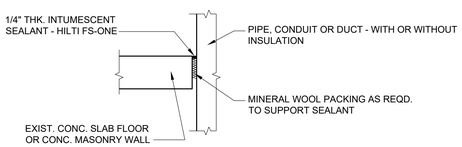
PLAN NORTH

FIRST FLOOR KEY PLAN

SCALE: 1/16" = 1'-0"

KEY PLAN NOTES:

1. KEY PLAN DRAWINGS ARE SCHEMATIC, AND ARE NOT DRAWN ACCURATELY TO SCALE. SEE EXISTING CONDITIONS/DEMOLITION FLOOR PLANS ON SHEETS D1 & D2 FOR DETAILS OF EXISTING CONDITIONS.



NOTES:
1. DETAIL IS TYPICAL FOR ALL NEW & EXIST. PIPE, CONDUIT & DUCT PENETRATIONS OF CONC. SLABS & CONC. MASONRY WALLS, EXCEPT FOR FIRE-RATED WALLS.
2. A LISTED THROUGH-PENETRATION FIRESTOPPING ASSEMBLY IS NOT REQD. DETAIL IS INTENDED TO RESIST THE PASSAGE OF FLAMES AND THE PRODUCTS OF COMBUSTION (VCC 714.6).
3. WHERE NO GAP OCCURS BETWEEN PIPE/CONDUIT & EXIST. FLOOR/WALL, PROVIDE 1/4" DIAM. BEAD OF INTUMESCENT SEALANT ON TOP OF JOINT.
4. NOTE: ALL NEW & EXIST. PIPE PENETRATIONS OF FIRE-RATED WALLS REQUIRE A LISTED THROUGH-PENETRATION FIRESTOPPING ASSEMBLY.

A / LS1 LS2

TYPICAL FLOOR & NON-RATED WALL PENETRATION DETAIL

NOT TO SCALE

CODE ANALYSIS NOTES:

1. THE EXISTING BUILDING USE GROUP OF A NON-SEPARATED MIXED USE OF A2, A3, AND B IS NOT CHANGED BY THIS PROJECT.
2. THE EXISTING BUILDING CONSTRUCTION CLASSIFICATION (ASSUMED IIB) IS NOT CHANGED BY THIS PROJECT. THE ORIGINAL 2003 CONSTRUCTION OF HURLBURT HALL CONTAINED FIRE-RETARDANT TREATED WOOD IN PORTIONS OF THE ROOF STRUCTURE. FRT WOOD TRUSSES ARE PERMITTED IN BUILDINGS OF TYPE II CONSTRUCTION (VCC 603.1.1.3).
3. THE EXISTING BUILDING HEIGHT AND AREA ARE NOT CHANGED BY THIS PROJECT.
4. THE EXISTING BUILDING IS SPRINKLERED. THE EXISTING BUILDING HAS AN AUTOMATIC FIRE ALARM SYSTEM, WHICH WILL BE RE-CONFIGURED WITHIN THE RENOVATION AREAS AS REQD. FOR COMPLIANCE WITH THE 2021 VCC.
5. EXISTING EXIT SIGNAGE IS BEING MAINTAINED WITHIN THE RENOVATION AREA. EXIT SIGNS ARE NOT REQUIRED WITHIN AREAS THAT REQUIRE ONLY ONE EXIT OR EXIT ACCESS (VCC 1013.1, EXCEPTION 1). SEE OCCUPANT TABULATION ON SHEET LS1 FOR NUMBERS OF REQUIRED EXITS.CORRIDOR WALLS SERVING "A" AND "B" OCCUPANCIES ARE NOT REQUIRED TO BE FIRE RESISTANCE RATED IN BUILDINGS WITH SPRINKLER SYSTEMS (VCC TABLE 1020.2).
6. FLOOR ASSEMBLIES ARE NOT REQUIRED TO BE FIRE-RATED UNDER TYPE IIB CONSTRUCTION (VCC TABLE 601). ALL EXIST. AND NEW FLOOR AND CEILING PENETRATIONS LOCATED IN RENOVATED SPACES OR CHASES OR INSIDE WALLS THAT ARE ACCESSIBLE DURING THE WORK OF THIS PROJECT WILL BE SEALED AGAINST THE PASSAGE OF FLAME OR SMOKE (VCC 714.6.1). THROUGH-PENETRATION FIRESTOPPING ASSEMBLIES ARE NOT REQD.
7. THE 2021 VIRGINIA EXISTING BUILDING CODE (VEBC) IS APPLICABLE TO THIS PROJECT. THIS PROJECT HAS BEEN DESIGNED AS A LEVEL 2 ALTERATION (VEBC 601.2.2). THE FOLLOWING VEBC SECTIONS ARE PERTINENT TO THIS PROJECT:
   - A. 302.1: NEW MATERIALS WILL COMPLY WITH THE 2021 VCC.
   - B. 404.1: RENOVATIONS WILL MAINTAIN OR IMPROVE THE CURRENT LEVEL OF ACCESSIBILITY.
   - C. 404.3: THE ALTERATIONS INCLUDE AN AREA CONTAINING A "PRIMARY FUNCTION". THE ROUTE TO THE PRIMARY FUNCTION AREAS INCLUDING THE TOILET FACILITIES, WATER FOUNTAINS, AND ROUTE CONNECTING THOSE FACILITIES TO THE PRIMARY FUNCTION AREAS IS CURRENTLY ACCESSABLE.
   - D. 601.2.2: THIS PROJECT IS A LEVEL 2 ALTERATION, AS DEFINED IN THIS SECTION.
   - E. 601.4: COMMERCIAL REFRIGERATORS & FREEZERS ARE BEING FURNISHED BY THE OWNER FOR INSTALLATION AS A PART OF THIS RENOVATION PROJECT. PRIOR TO PURCHASE, OWNER TO CONFIRM COMPLIANCE WITH APPLICABLE REQUIREMENTS OF THE VIRGINIA STATE AIR POLLUTION CONTROL BOARD REGULATION 9VACS CHAPTER 145, & VECC. C403.11.1.
   - F. 601.4.6.1: ALTERED COMMERCIAL LIGHTING SHALL COMPLY WITH SECTION C405 OF THE VECC. SEE ELECTRICAL SHEETS.
   - G. 602.2: EXISTING LEVELS OF FIRE PROTECTION AND MEANS OF EGRESS PROTECTION WILL BE MAINTAINED.
   - H. 602.3: NEW BUILDING ELEMENTS, MATERIALS & METHODS WILL COMPLY WITH THE 2021 VCC.
   - I. 603.3: NEW CONSTRUCTION COMPONENTS, SYSTEMS & SPACES WILL COMPLY WITH THE 2021 VCC.
   - J. 603.5: MECHANICAL EXHAUST & VENTILATION AIR IS PROVIDED IN COMPLIANCE WITH THE 2021 VMC. SEE MECHANICAL SHEETS.
9. PORTABLE FIRE EXTINGUISHERS ARE NOT INCLUDED IN THIS PROJECT. PORTABLE FIRE EXTINGUISHERS WILL BE PROVIDED BY THE OWNER.

INTERIM SAFETY MEASURES DURING CONSTRUCTION

1. SEE ADDITIONAL REQUIREMENTS IN SPECIFICATION SECTION 01000.
2. IN AREAS WHERE THE EXISTING CEILING IS SCHEDULED TO BE REMOVED, PROVIDE UPRIGHT CEILING HEADS DURING CONSTRUCTION TO MAINTAIN EXISTING LEVEL OF FIRE PROTECTION UNTIL FINISHED CEILINGS ARE INSTALLED.
3. METAL STUD & GYPSUM BOARD TEMPORARY CONSTRUCTION WALLS, ARE BEING PROVIDED AS A PART OF A SEPARATE PROJECT, TO CONTROL ACCESS TO THE RENOVATION AREA & SAFEGUARD THE PUBLIC FOR THE DURATION OF THE CONSTRUCTION PROJECT. SEE SCHEMATIC LOCATIONS OF TEMPORARY CONSTRUCTION WALLS ON SHEETS LS1.
4. MEANS OF EGRESS AND REQUIRED ACCESSIBLE MEANS OF EGRESS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. EQUIPMENT & MATERIALS SHALL NOT BE STORED IN EXITS, EXIT STAIRWELLS, & THE MEANS OF EGRESS AT ANY TIME.
5. PROVIDE A FIRE WATCH DURING COMBUSTIBLE CONSTRUCTION & AT ALL TIMES DURING TEMPORARY SHUTDOWN OF THE FIRE ALARM OR SPRINKLER SYSTEM.

FIRESTOPPING SCHEDULE

ASSEMBLY PENETRATED	"F" RATING	"T" RATING
EXTERIOR WALLS	NONE	NONE
STAIRWELL WALLS	NOT PERMITTED	NOT PERMITTED
FLOOR SLABS (PENETRATION IN WALL OR CHASE)	NONE - SEE NOTE 1	NONE - SEE NOTE 1
FLOOR SLABS (PENETRATION EXPOSED)	NONE - SEE NOTE 1	NONE - SEE NOTE 1
FIRERATED CONC. MASONRY WALLS	1 HR.	NONE REQD.
NON-FIRERATED CONC. MASONRY WALLS	NONE - SEE NOTE 1	NONE - SEE NOTE 1

NOTES:
1. ALL PENETRATIONS OF FLOOR SLABS & NON-FIRERATED CONC. MASONRY WALLS, INCLUDING CONDUITS, PIPES, DUCTS, SLEEVES & OTHER PENETRATIONS SHALL BE SEALED WITH MINERAL WOOL PACKING & 1/4" THICKNESS OF INTUMESCENT SEALANT TO PREVENT PASSAGE OF SMOKE OR FLAMES. SEE FLOOR PENETRATION DETAIL. A UL LISTED FIRESTOPPING ASSEMBLY IS NOT REQD. FOR FLOOR SLAB PENETRATIONS.

FIRE RESISTANCE RATING OF BUILDING ELEMENTS

(FROM VCC TABLE 601)

BUILDING ELEMENT	HOURS
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS - EXTERIOR	0
BEARING WALLS - INTERIOR	0
NONBEARING WALLS - EXTERIOR	0
NONBEARING WALLS - INTERIOR	0
EXIT STAIRWAY ENCLOSURE (VCC 1023.2)	1
FLOOR CONSTRUCTION	0
ROOF CONSTRUCTION	0
CORRIDOR WALLS - OCCUPANT LOAD LESS THAN 30 (VCC 1020.1 & TABLE 1020.2)	0
CORRIDOR WALLS - OCCUPANT LOAD GREATER THAN 30 (VCC 1020.1 & TABLE 1020.2)	0

OCCUPANT TABULATION & BUILDING CODE DATA

(FROM VCC SECTIONS 303 & 304 & TABLES 1004.5, 1006.2.1, & 1017.2)

SPACE NO.	SPACE	GROSS AREA	OCCUPANT LOAD FACTOR	OCCUPANTS	MAX. COMMON PATH OF TRAVEL DISTANCE	ALLOWABLE EXIT ACCESS TRAVEL DISTANCE	NUMBER OF EXITS REQUIRED
			NOTE 1				
107C	VENDING SERVICE	750 GSF	200 GSF	4	75 FEET	250 FEET	1
TOTAL NO. OF OCCUPANTS =				4			

NOTES:
1. FROM 2O21 VUSBC TABLE 1004.5.
2. SEE SHEET T1 FOR TOTAL PROJECT AREA.

0 2 4 6 10 20 40

1/16" = 1'-0"

PROJECT CODE: 25-12490

COMMONWEALTH OF VIRGINIA
SHANE LARKIN
LIC. NO. 016372
04/01/2025
ARCHITECT

DATE

REVISIONS

KEY PLANS, CODE ANALYSIS NOTES, SCHEDULES

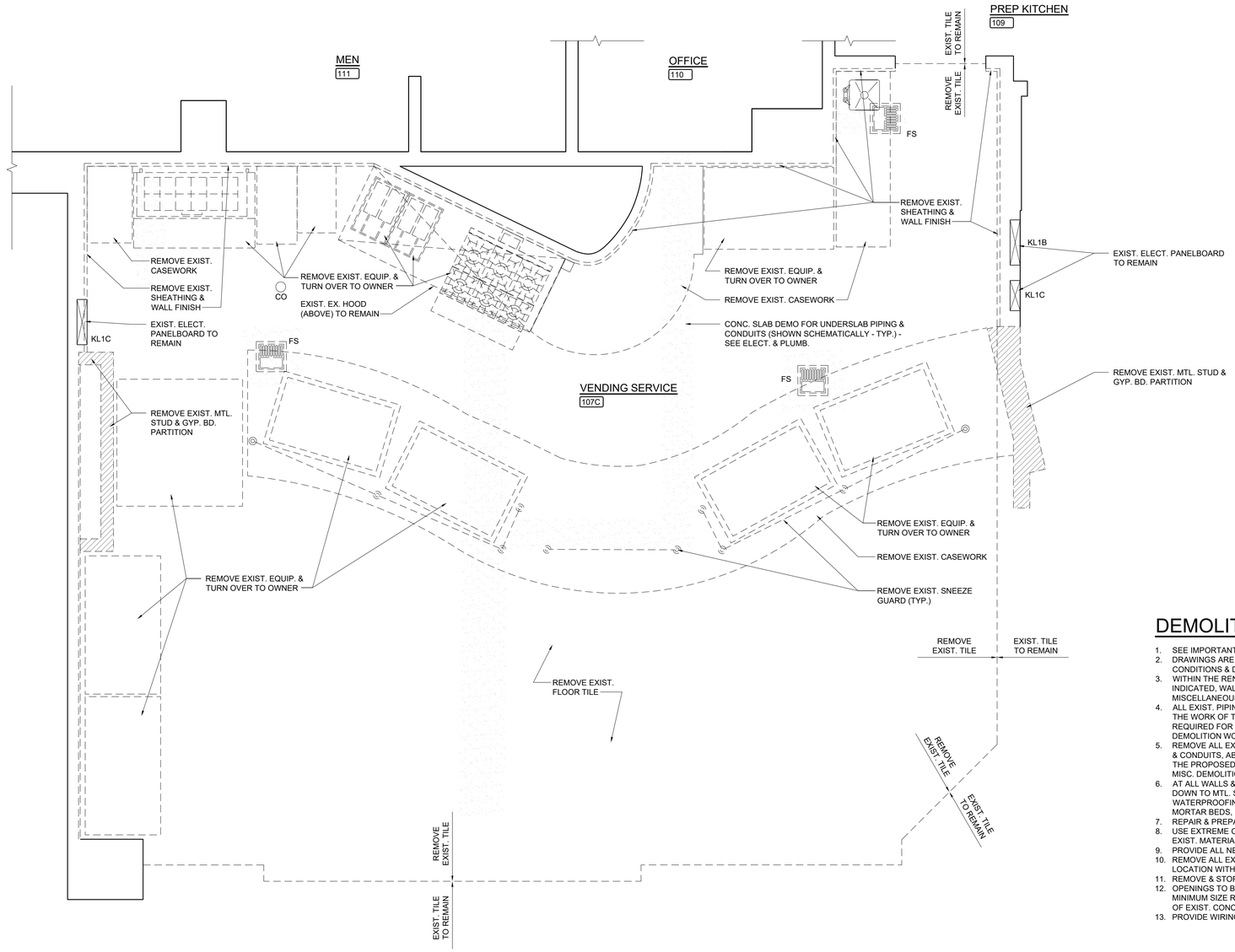
HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: SLL
DRAWN BY: SLL
CHECKED BY: SLL

The Architects Alliance Inc.
Blacksburg, Virginia

PROJECT NO: 116584
DATE: 3/24/25

LS1



DEMOLITION PLAN LEGEND

- EXIST. WALL TO REMAIN
- EXIST. MTL. STUD & GYP. BD. PARTITION TO BE REMOVED
- ITEMS TO BE REMOVED SHOWN DASHED
- 000 — ROOM NUMBER
- FS / FD — FLOOR DRAIN OR FLOOR SINK
- CO — PLUMBING CLEANOUT
- APPROX. AREA OF EXIST. CONC. SLAB TO BE REMOVED AS REQD. FOR INSTALLATION UNDERSLAB PIPING & CONDUITS - SEE PLUMB. & ELECT.

DEMOLITION PLAN NOTES:

1. SEE IMPORTANT NOTES ON SHEET T1 REGARDING ASBESTOS-CONTAINING AND LEAD-CONTAINING MATERIALS.
2. DRAWINGS ARE BASED ON ORIGINAL BUILDING DRAWINGS & APPROXIMATE FIELD MEASUREMENTS. VERIFY ALL EXISTING CONDITIONS & DIMENSIONS IN THE FIELD, PRIOR TO SUBMITTING A BID.
3. WITHIN THE RENOVATION AREAS SHOWN, REMOVE ALL EXIST. CEILINGS & CEILING BULKHEADS AS INDICATED, PARTITIONS AS INDICATED, WALL FINISHES, FLOOR FINISHES, DUCTWORK, PLUMBING PIPING, FIXTURES, KITCHEN EQUIPMENT, CASEWORK, & OTHER MISCELLANEOUS CONSTRUCTION. SEE PLUMBING, MECHANICAL, & ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK.
4. ALL EXIST. PIPING, DUCTWORK & ELECTRICAL IS NOT SHOWN. PROVIDE MISC. DEMOLITION AS REQD. FOR PROPER INSTALLATION OF THE WORK OF THIS CONTRACT, INCL. MECHANICAL, ELECTRICAL & PLUMBING WORK. PERFORM ALL CUTTING, DRILLING & PATCHING REQUIRED FOR INSTALLATION OF PROPOSED SYSTEMS. SEE MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION WORK.
5. REMOVE ALL EXIST. FASTENERS, ANCHORS, HANGERS, CEILING SUPPORTS, SURFACE-MOUNTED COMPONENTS, ABANDONED WIRING & CONDUITS, ABANDONED PIPING, ABANDONED DUCTWORK, ABANDONED EQUIPMENT, & ALL OTHER COMPONENTS NOT REQD. FOR THE PROPOSED CONSTRUCTION. THESE DRAWINGS DO NOT PURPORT TO SHOW ALL MISC. DEMOLITION. VERIFY THE SCOPE OF MISC. DEMOLITION WORK IN THE FIELD.
6. AT ALL WALLS & FLOOR SLABS TO REMAIN, COMPLETELY REMOVE EXIST. CERAMIC TILE AND SETTING MORTAR, & OTHER FINISHES, DOWN TO MTL. STUDS, CONC. MASONRY OR CONCRETE, SUITABLE FOR PROPER INSTALLATION OF THE NEW BACKING BOARDS, WATERPROOFING SYSTEM, & NEW WALL FINISHES. AT ALL CERAMIC TILE, COMPLETELY REMOVE ALL EXIST. TILE, GROUT AND MORTAR BEDS, LEAVING THE EXIST. CONCRETE SLAB EXPOSED AND READY TO RECEIVE THE NEW FINISHES.
7. REPAIR & PREPARE WALL SURFACES AS REQUIRED TO RECEIVE THE SPECIFIED FINISHES.
8. USE EXTREME CARE TO PREVENT DAMAGE TO EXIST. MATERIALS SCHEDULED TO REMAIN. REPAIR OR REPLACE ALL DAMAGED EXIST. MATERIALS.
9. PROVIDE ALL NECESSARY BRACING & SHORING.
10. REMOVE ALL EXIST. EQUIP. NOT SCHEDULED TO BE REINSTALLED IN THE FINISHED WORK & DELIVER TO OWNER AT A SPECIFIED LOCATION WITHIN FIVE MILES OF THE PROJECT SITE.
11. REMOVE & STORE ALL EXIST. EQUIP. SCHEDULED TO BE REINSTALLED IN THE FINISHED WORK.
12. OPENINGS TO BE DRILLED OR SAW-CUT INTO EXIST. CONC. SLABS OR WALLS SHALL BE CAREFULLY SAWN OR CORE-DRILLED TO THE MINIMUM SIZE REQD. FOR THE PROPOSED CONSTRUCTION. DO NOT EXTEND CUTS PAST OPENING AT CORNERS. JACK-HAMMERING OF EXIST. CONC. SLABS WILL NOT BE PERMITTED.
13. PROVIDE WIRING AS REQD. TO MAINTAIN POWER TO ALL EXIST. ELECTRICAL DEVICES SCHEDULED TO REMAIN - SEE ELECT.

PLAN NORTH

PARTIAL FIRST FLOOR PLAN - EXISTING CONDITIONS & DEMOLITION

SCALE: 1/2"=1'-0"

0 1 2 3 5

1/2" = 1'-0"

PROJECT CODE: 25-12490

COMMONWEALTH OF VIRGINIA
SHANE LARKIN
LIC. NO. 016372
04/01/2025
ARCHITECT

DATE

REVISIONS

PARTIAL FIRST FLOOR PLAN - EXISTING CONDITIONS & DEMOLITION

HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: SLL
DRAWN BY: SLL
CHECKED BY: TAA

The Architects Alliance Inc.
Blacksburg, Virginia

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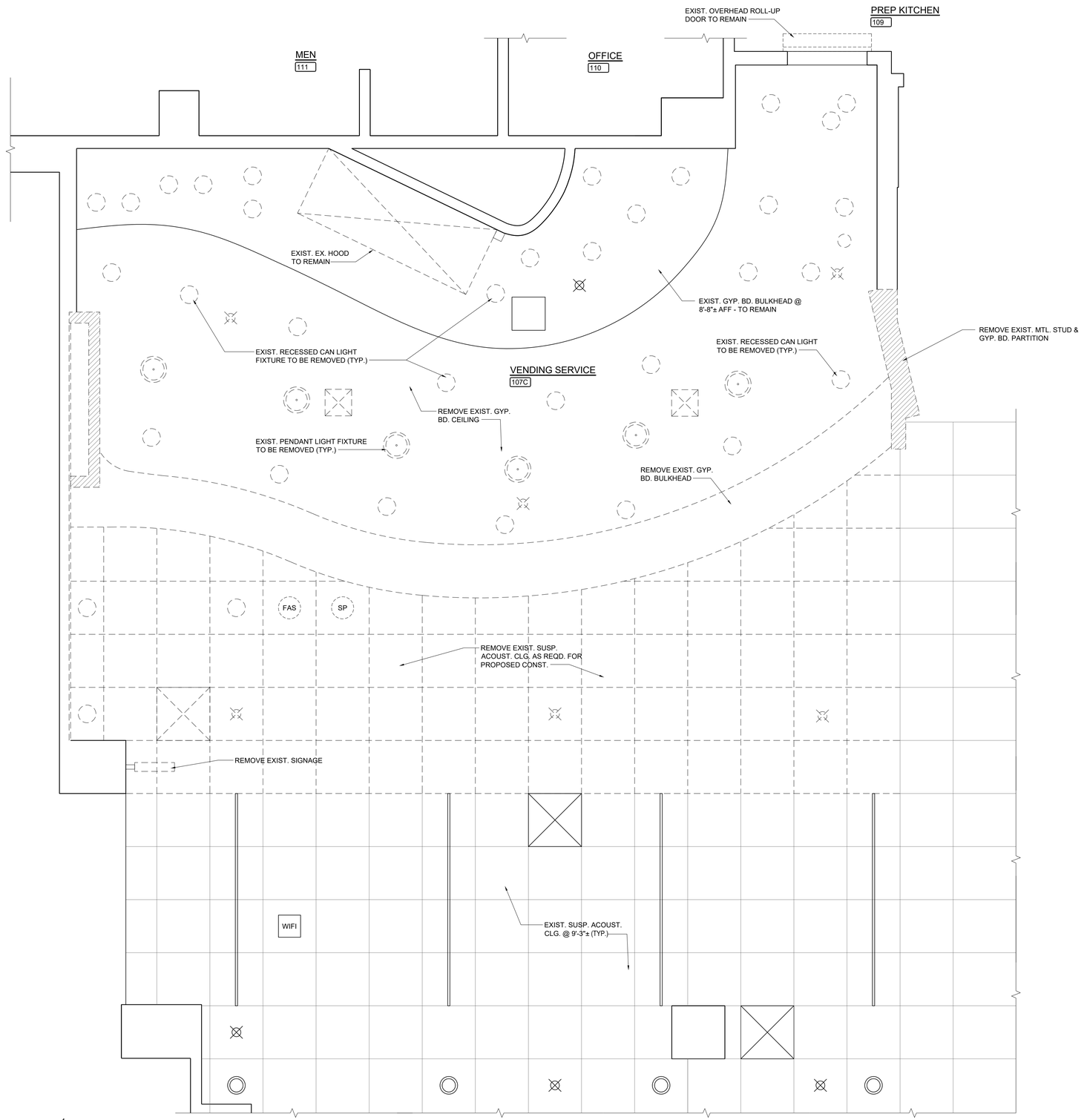
D1



DEMO RCP LEGEND

- ITEMS TO BE REMOVED SHOWN DASHED
- MECH. REGISTERS
- LAY-IN LIGHT FIXTURES
- CAN LIGHT FIXTURE
- SMOKE DETECTOR
- CLG.-MTD. FIRE ALARM STROBE
- WALL-MTD. FIRE ALARM STROBE
- WALL-MTD. EMERGENCY LIGHT

PLAN NORTH

PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - EXISTING CONDITIONS & DEMOLITION

SCALE: 1/2"=1'-0"

0 1 2 3 5

1/2" = 1'-0"

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PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - EXISTING CONDITIONS & DEMOLITION

HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: SLL

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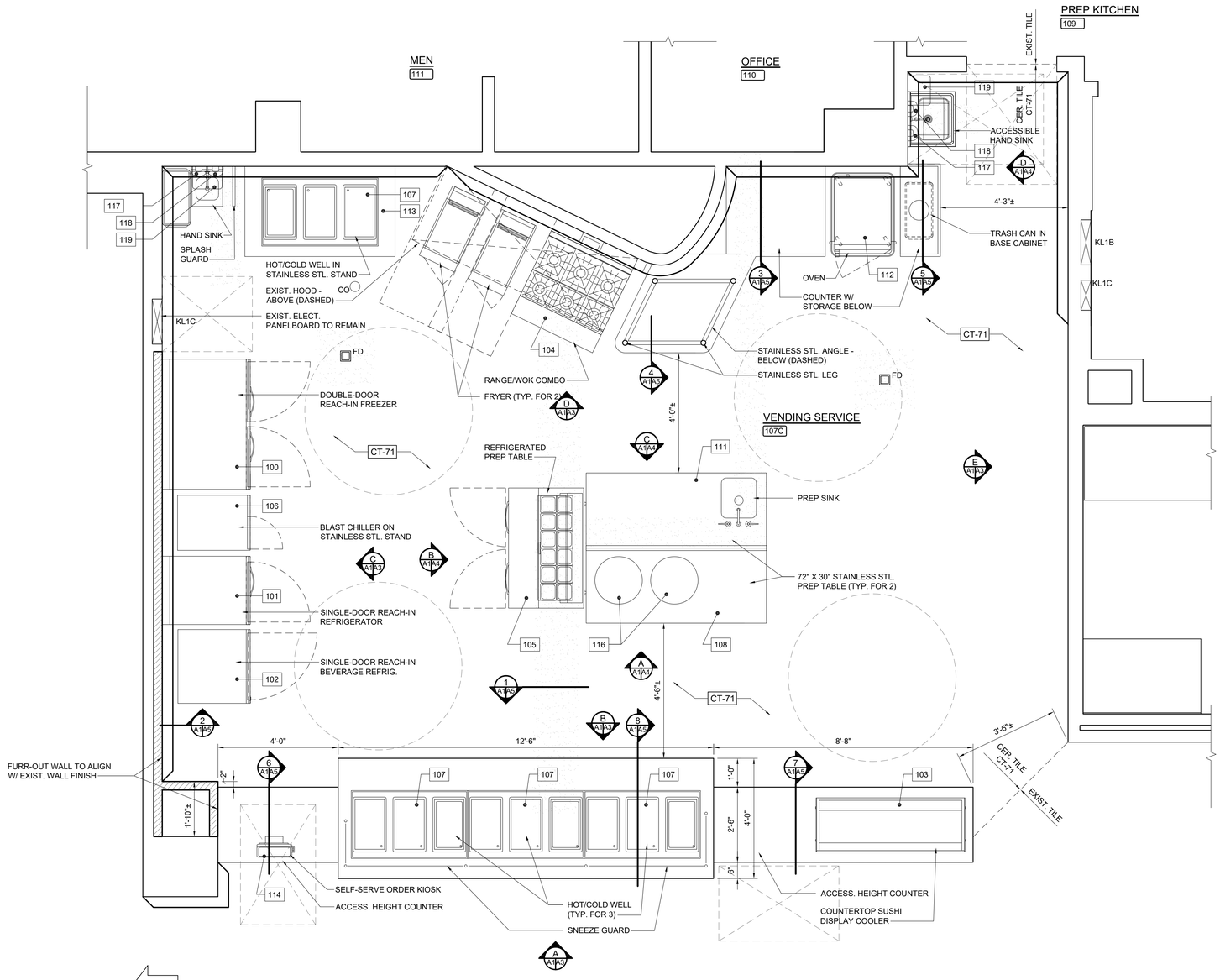
D2



PLAN NORTH

PARTIAL FIRST FLOOR PLAN

SCALE: 1/2"=1'-0"

PLAN LEGEND

- EXIST. WALL TO REMAIN
- PROPOSED METAL STUD WALL
- ELECT. PANEL - SEE ELECT.
- ROOM NUMBER
- ACCESSIBILITY CLEARANCES

WALL FINISH LEGEND

- WALL TILE CT-3 W/ TILE COVE BASE
- WALL TILE CT-4 W/ TILE COVE BASE
- WALL TILE CT-3, CT-4, & CT-5. W/ TILE COVE BASE
- WALL TILE CT-5 W/ TILE COVE BASE
- PAINTED GYP. BD. W/ RUBBER BASE - MATCH EXIST. FINISHES

PLAN NOTES:

1. ALL TRANSITIONS BETWEEN DISSIMILAR FLOOR MATERIALS ARE TO BE FLUSH & LEVEL.
2. COMPLETELY COVER WALL SURFACES BEHIND CASEWORK & EQUIPMENT WITH SCHEDULED WALL TILE.
3. CONC. SLAB REPAIRS SHOWN SCHEMATICALLY. COORDINATE REQUIRED SLAB REPAIR WITH ELECTRICAL, & PLUMBING REQUIREMENTS.

EQUIPMENT SCHEDULE

ITEM NO.	QUANTITY	DESCRIPTION OF EQUIPMENT	MANUFACTURER	MODEL	ITEM NO.	FURNISHED BY	INSTALLED BY	REMARKS
100	1	DOUBLE-DOOR REACH-IN FREEZER	BEVERAGE AIR	FB49HC-1S	100	OWNER	GC	-
101	1	SINGLE-DOOR REACH-IN REFRIGERATOR	BEVERAGE AIR	PR1HC-1AS	101	OWNER	GC	-
102	1	SINGLE-DOOR REACH-IN BEVERAGE REFRIGERATOR	TBD	TBD	102	OWNER	GC	-
103	1	REFRIGERATED COUNTERTOP DISPLAY CASE	VOLLRATH	RDCCB-60SS	103	OWNER	GC	-
104	1	36" HEAVY DUTY GAS RANGE	VULCAN	V6B36S	104	OWNER	GC	-
105	1	SALAD / SANDWICH PREPARATION REFRIGERATOR	CONTINENTAL REFRIGERATOR	SW48N12	105	OWNER	GC	-
106	1	COUNTERTOP BLAST CHILLER FREEZER	BEVERAGE AIR	CF031AG	106	OWNER	GC	-
107	4	DROP-IN ELECTRIC HOT / COLD FOOD WELL	WELLS (MIDDLEBY)	HRCP-7300	107	OWNER	GC	-
108	1	STAINLESS STEEL WORK TABLE	TITAN	54SLU-30	108	OWNER	GC	-
109	1	GAS CONNECTOR KIT	DORMONT	1675KITS48	109	OWNER	GC	-
110	2	WOK RING	TOWN EQUIPMENT	34708	110	OWNER	GC	-
111	1	STAINLESS STEEL WORK TABLE WITH SINK	REGENCY	60ST3072L	111	OWNER	GC	-
112	1	COOK & HOLD OVEN	ALTO-SHAAM	1000-TH	112	OWNER	GC	-
113	1	STAINLESS STEEL DROP-IN TABLE	TITAN	5SLU-30-CO-US-LTC-CPB-BOI	113	OWNER	GC	-
114	1	SELF SERVE ORDER KIOSK	TBD	TBD	114	OWNER	OWNER	-
115	4	DIGITAL MENU BOARD	TBD	TBD	115	OWNER	GC	-
116	2	RICE COOKER	TBD	TBD	116	OWNER	GC	-
117	2	HAND SANITIZER DISPENSER	ECOLAB	TBD	117	OWNER	GC	-
118	2	SOAP DISPENSER	ECOLAB	TBD	118	OWNER	GC	-
119	2	PAPER TOWEL DISPENSER	SAN JAMAR	TBD	119	OWNER	GC	-
120	2	GAS FRYER	EXIST. TO BE REMOVED & REINSTALLED		120	OWNER	GC	-

EQUIPMENT SCHEDULE NOTES:

1. SEE ELECTRICAL, MECHANICAL, & PLUMBING SHEETS FOR ADDITIONAL EQUIPMENT REQUIREMENTS.

0 1 2 3 5

1/2" = 1'-0"

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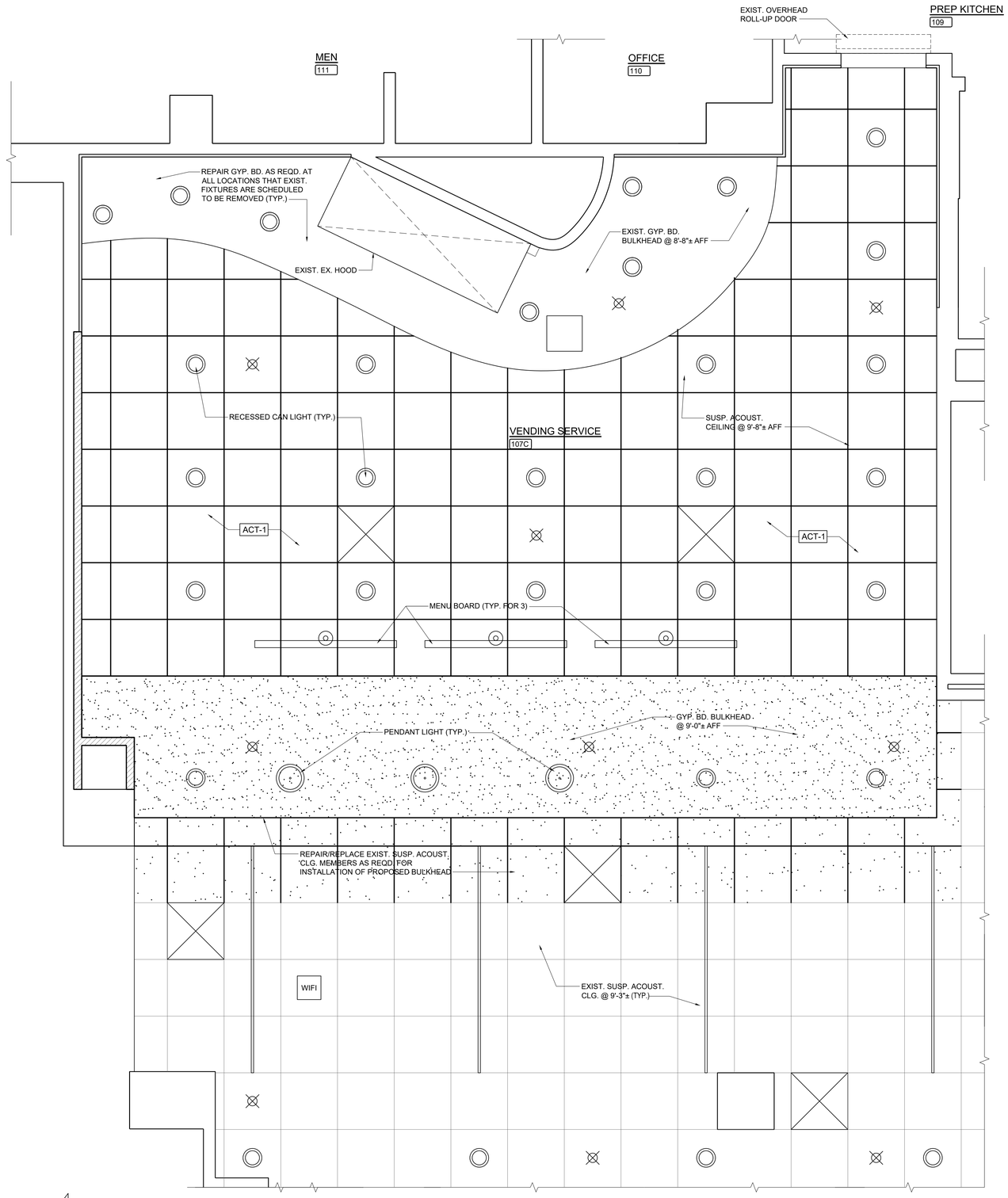


PLAN NORTH

PARTIAL FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/2"=1'-0"

FINISH MATERIAL SCHEDULE

MARK	DESCRIPTION	FURN. BY	INST. BY	NOTES
WALL FINISHES				
CT-3	WOW TILE LISO XL, #96245 GRAPHITE, 3"X12" PORCELAIN TILE	GC	GC	GROUT: MAPEI #5232 NIGHT SKY. USE NARROWEST MANUFACTURER'S RECOMMENDED GROUT JOINT.
CT-4	WOW TILE STRIPES, #108926 GRAPHITE, 3"X12" PORCELAIN TILE	GC	GC	GROUT: MAPEI #5232 NIGHT SKY. USE NARROWEST MANUFACTURER'S RECOMMENDED GROUT JOINT.
CT-5	WOW TILE STRIPES TRANSITION, #108932 GRAPHITE, 3"X12" PORCELAIN TILE	GC	GC	GROUT: MAPEI #5232 NIGHT SKY. USE NARROWEST MANUFACTURER'S RECOMMENDED GROUT JOINT.
FLOOR & BASE TILE				
CT-71	PORCELAIN TILE, CREATIVE MATERIALS CORPORATION, LAVA, LIGHT GREY,12" X 12"	GC	GC	INSTALL ON 45 DEGREE ANGLE. JOINT WIDTH: 3/16 INCH. GROUT: MAPEI, ULTRACOLOR, 47/CHARCOAL.
CEILING FINISHES				
ACT-1	GOLDBOND GRIDSTONE, BLACK, 24" X 24"	GC	GC	GRID: STANDARD 15/16", BLACK.
MILLWORK				
QTZ-1	SILESTONE HYBRID MINERAL SURFACE, 2MM, COLOR: VERSAILLES IVORY, SEMI-GLOSS FINISH. EASED SQUARE EDGE	GC	GC	
QTZ-2	SILESTONE HYBRID MINERAL SURFACE, 2MM, COLOR: NIGHT TEBAS18, SEMI-GLOSS FINISH. EASED SQUARE EDGE	GC	GC	

REFLECTED CEILING PLAN NOTES:

1. PROVIDE METAL ACCESS DOORS WHERE INDICATED ON THE DRAWINGS & WHEREVER REQD. FOR ACCESS TO CONCEALED JUNCTION BOXES, VALVES & ALL EQUIPMENT REQUIRING MAINTENANCE.
2. HEIGHTS SHOWN AT CEILINGS ARE TO BOTTOM OF FINISH.
3. CENTER ALL COMPONENTS THAT ARE LESS THAN 24" X 24" IN A CEILING TILE.
4. DO NOT CUT OR DRILL EXISTING BEAMS, COLUMNS, TRUSSES, HEADERS, OR OTHER STRUCTURAL MEMBERS.
5. ELECTRICAL & MECHANICAL DEVICES ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE ELECTRICAL & MECHANICAL DRAWINGS FOR ADDITIONAL WORK REQUIRED FOR ELECTRICAL & MECHANICAL COMPONENTS.

0 1 2 3 5

1/2" = 1'-0"

PROJECT CODE: 25-12490

COMMONWEALTH OF VIRGINIA
SHANE LARKIN
LIC. NO. 016372
04/01/2025
ARCHITECT

DATE

REVISIONS

PARTIAL FIRST FLOOR REFLECTED CEILING PLAN

HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: SLL

DRAWN BY: SLL

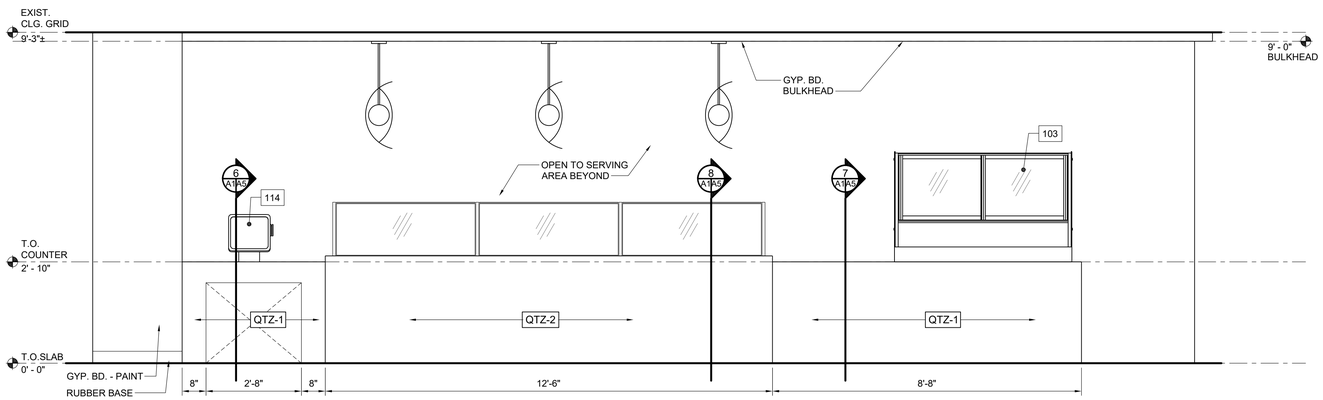
CHECKED BY: TAA

The Architects Alliance Inc.
Blacksburg, Virginia

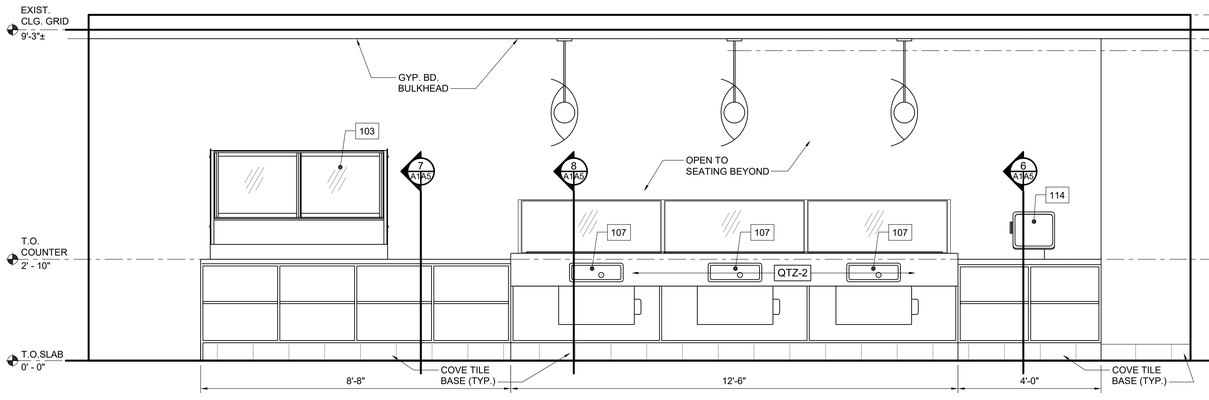
PROJECT NO: 116584

DATE: 3/24/25

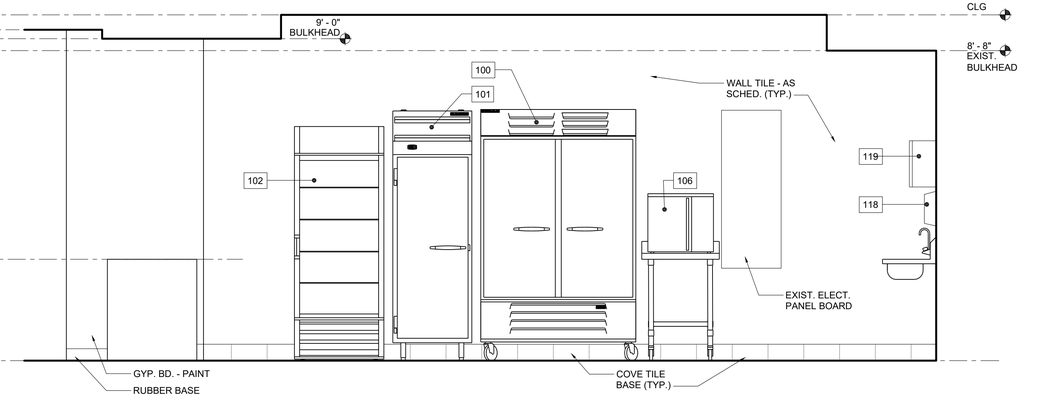
A2



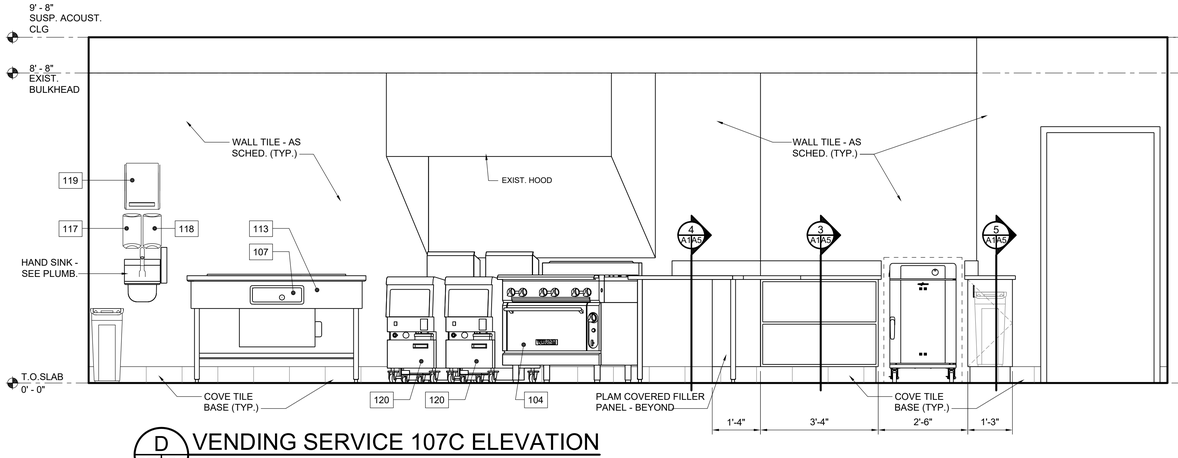
A A1|A3 SERVING COUNTER FRONT ELEVATION
SCALE: 1/2"=1'-0"



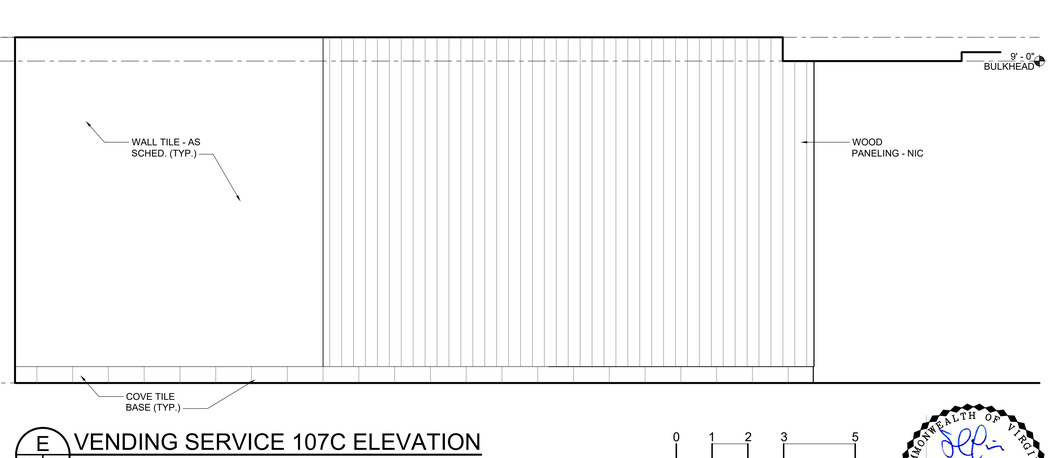
B A1|A3 SERVING COUNTER REAR ELEVATION
SCALE: 1/2"=1'-0"



C A1|A3 VENDING SERVICE 107C ELEVATION
SCALE: 1/2"=1'-0"



D A1|A3 VENDING SERVICE 107C ELEVATION
SCALE: 1/2"=1'-0"



E A1|A3 VENDING SERVICE 107C ELEVATION
SCALE: 1/2"=1'-0"

0 1 2 3 5
1/2" = 1'-0"

PROJECT CODE: 25-12490

COMMONWEALTH OF VIRGINIA
SHANE LARKIN
LIC. NO. 016372
04/01/2025
ARCHITECT

DATE

REVISIONS

INTERIOR ELEVATIONS

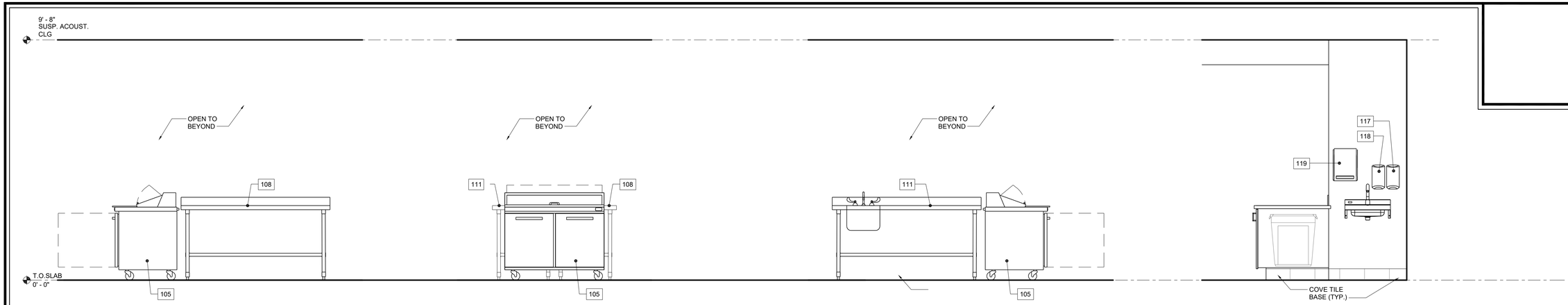
HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: SLL
DRAWN BY: SLL
CHECKED BY: TAA

The Architects Alliance Inc.
Blacksburg, Virginia

PROJECT NO: 116584
DATE: 3/24/25

A3



A A1|A4 VENDING SERVICE 107C ELEVATION
SCALE: 1/2"=1'-0"

B A1|A4 VENDING SERVICE 107C ELEVATION
SCALE: 1/2"=1'-0"

C A1|A4 VENDING SERVICE 107C ELEVATION
SCALE: 1/2"=1'-0"

D A1|A4 VENDING SERVICE 107C ELEVATION
SCALE: 1/2"=1'-0"

0 1 2 3 5
1/2" = 1'-0"

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COMMONWEALTH OF VIRGINIA
SHANE LARKIN
LIC. NO. 016372
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REVISIONS

INTERIOR ELEVATIONS

HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: SLL
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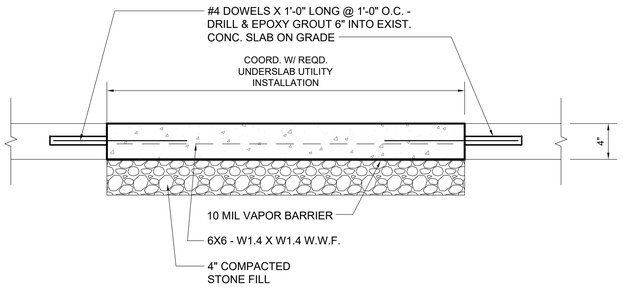
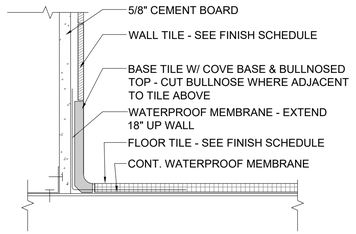
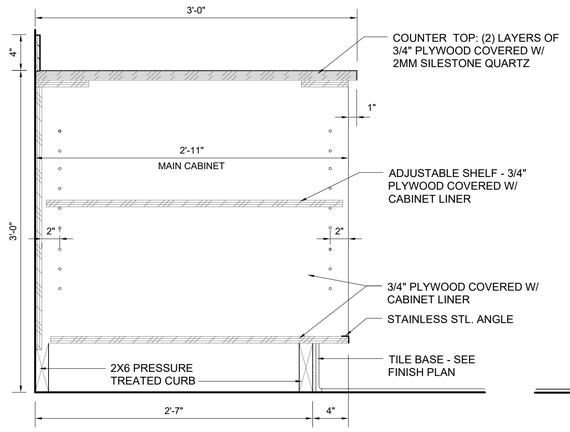
A4



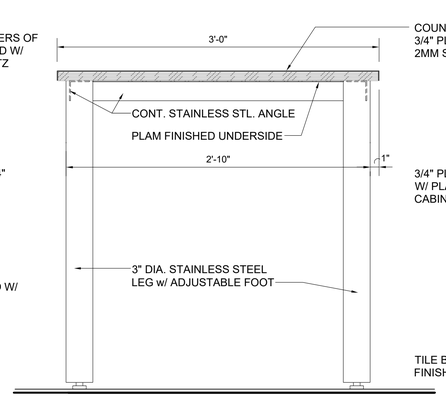
1 A1 A5 TYP. CONC. SLAB REPAIR
SCALE: 1-1/2"=1'-0"



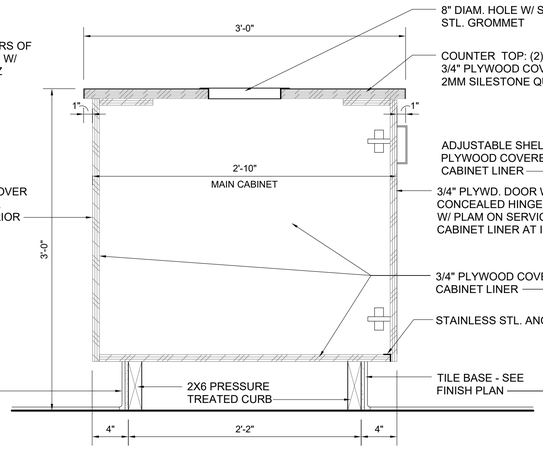
2 A1 A5 TYP. TILE BASE DETAIL
SCALE: 3"=1'-0"



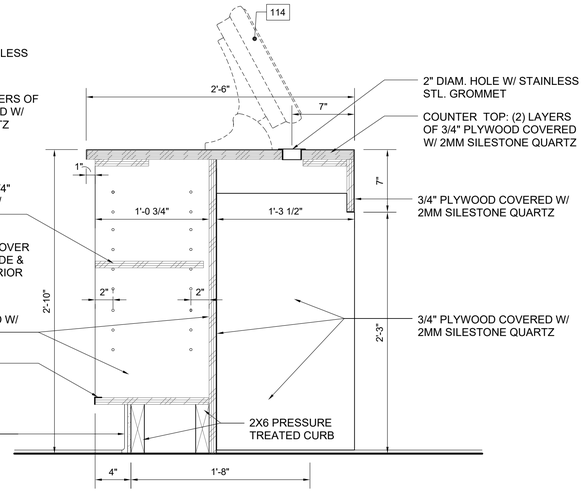
3 A1 A5 REAR COUNTER
SCALE: 1-1/2"=1'-0"



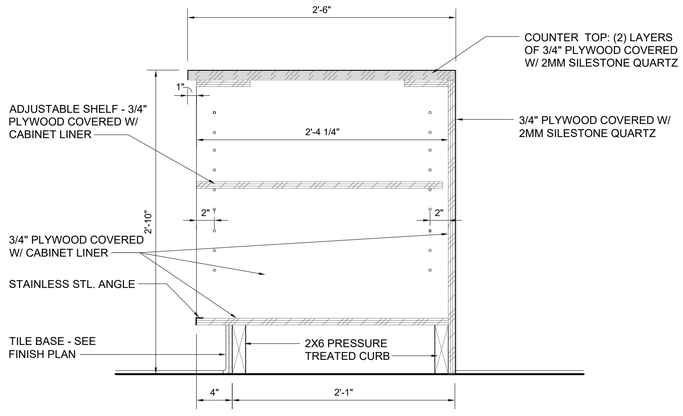
4 A1 A5 COUNTERTOP W/ LEG SUPPORTS
SCALE: 1-1/2"=1'-0"



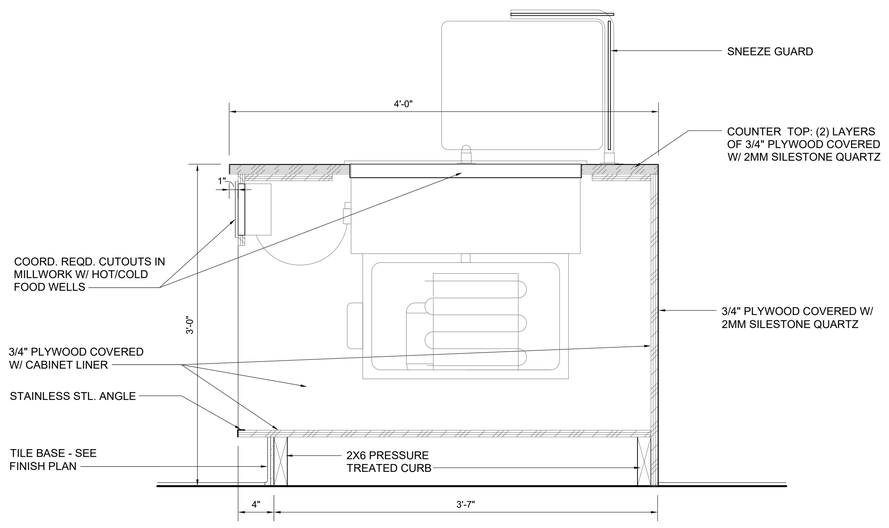
5 A1 A5 REAR COUNTER @ TRASH CAN
SCALE: 1-1/2"=1'-0"



6 A1 A5 ACCESSIBLE COUNTER @ SELF SERVE KIOSK
SCALE: 1-1/2"=1'-0"



7 A1 A5 ACCESSIBLE HEIGHT FRONT SERVICE COUNTER
SCALE: 1-1/2"=1'-0"



8 A1 A5 COUNTER @ HOT/COLD WELLS
SCALE: 1-1/2"=1'-0"

0 1 2
1 1/2" = 1'-0"

PROJECT CODE: 25-24190

COMMONWEALTH OF VIRGINIA
SHANE LARKIN
LIC. NO. 016372
04/01/2025
ARCHITECT

DATE
REVISIONS

DETAILS

HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: SLL
DRAWN BY: SLL
CHECKED BY: TAA

The Architects Alliance Inc.
Blacksburg, Virginia

PROJECT NO: 116584
DATE: 3/24/25

A5

GENERAL NOTES:

1. THESE DRAWINGS AND OUTLINE SPECIFICATIONS ARE LIMITED TO INFORMATION REQD. FOR PREPARATION OF BIDS, AND DO NOT PURPORT TO INCLUDE ALL INFORMATION REQUIRED FOR PROPER EXECUTION OF DETAILS OF THE WORK. ALL CONSTRUCTION TECHNIQUES AND DETAILS OF THE ARCHITECTURAL SYSTEMS, VENTILATION SYSTEM, PLUMBING SYSTEM AND ELECTRICAL SYSTEM SHALL COMPLY WITH THESE BID DOCUMENTS AND ALL REQUIREMENTS OF THE CODES AND STANDARDS INDICATED ON THE TITLE SHEET T1.

2. ALL WORK INDICATED OR SPECIFIED ON THESE DRAWINGS SHALL BE PROVIDED UNDER THIS CONTRACT, UNLESS SPECIFICALLY NOTED TO BE "EXIST." OR "BY OWNER" OR "N.I.C." (NOT IN CONTRACT) OR "UNDER SEPARATE CONTRACT" OR "F.B.O." (FURNISHED BY OWNER).

3. THE CONTRACTOR SHALL PROVIDE ALL COMPONENTS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, WHETHER OR NOT THESE COMPONENTS ARE INDICATED OR SPECIFIED ON THESE DRAWINGS. THESE DRAWINGS AND OUTLINE SPECIFICATIONS DO NOT PURPORT TO SHOW ALL MISCELLANEOUS COMPONENTS REQD. FOR THE WORK.

OUTLINE SPECIFICATIONS

1. THROUGHOUT THE CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL PRECAUTIONS, SIGNAGE, TEMPORARY BARRIERS, AND PROCEDURES REQUIRED TO PROTECT THE SAFETY OF WORKERS, STUDENTS, UNIVERSITY PERSONNEL, AND THE PUBLIC.

2. THE EXISTING BUILDING AND THE SITE WILL BE OCCUPIED DURING THE ENTIRE PERIOD OF THE CONSTRUCTION. COORDINATE ALL WORK OPERATIONS TO MINIMIZE THE DISRUPTION OF THE OWNER'S SCHEDULES FOR USE OF THE EXISTING BUILDING AND THE SITE. ALL CORRIDORS, STAIRS AND OTHER MEANS OF EGRESS SHALL BE KEPT CLEAR OF OBSTRUCTIONS THAT WOULD PREVENT EMERGENCY EGRESS AT ALL TIMES.

3. WORK OPERATIONS WHICH PRODUCE LOUD NOISE, DUST OR FUMES SHALL BE SCHEDULED FOR THE OWNER'S CONVENIENCE, AND SHALL GENERALLY BE PERFORMED WHEN THE BUILDING IS UNOCCUPIED. PROVIDE AIR BARRIERS AND FAN-FORCED VENTILATION TO THE EXTERIOR AS REQUIRED TO PREVENT DUST AND FUMES FROM ENTERING THE SURROUNDING SPACES. NEW DUCTWORK MAY NOT BE USED FOR CONSTRUCTION VENTILATION PURPOSES. TEMPORARY AIR BARRIERS SHALL BE FABRICATED OF METAL STUDS AND LABELED FLAME-RETARDANT PLASTIC SHEETING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CLEANING COSTS INCURRED DUE TO WORK OPERATIONS UNDER THIS CONTRACT.

4. THE CONTRACTOR SHALL SCHEDULE AND ORGANIZE THE WORK TO MINIMIZE THE TIME PERIOD WHEN WORK IS UNDERWAY IN THE CORRIDORS AND OTHER SPACES ADJACENT TO THE PRIMARY RENOVATION AREAS. WORK IN THESE SPACES SHALL BE SCHEDULED IN ADVANCE WITH THE OWNER, AND SHALL BE SCHEDULED FOR THE OWNER'S CONVENIENCE. PROVIDE TEMPORARY PROTECTIONS FOR ALL MATERIALS AND EQUIPMENT LOCATED IN THE ADJACENT SPACES WHERE WORK IS REQD. PROVIDE TEMPORARY PROTECTION FOR ALL CORRIDOR FLOORS, STAIRS & STAIR LANDINGS USED TO ACCESS THE WORK AREAS. TEMPORARY PROTECTION SHALL BE DURABLE WOOD FIBER SHEET SPECIFICALLY DESIGNED FOR FLOOR PROTECTION DURING CONSTRUCTION. PROVIDE "RAM BOARD" OR APPROVED EQUAL PRODUCT, INSTALLED OVER 38 INCH MIN. WIDTH ALONG ALL TRAFFIC PATHS.

5. THE CONTRACTOR SHALL PROVIDE SIGNAGE & BARRIERS TO PREVENT UNAUTHORIZED ACCESS TO THE WORK AREAS AT ALL TIMES WHEN WORK IS UNDERWAY. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER'S REPRESENTATIVE, TO PROVIDE CONTINUOUS PROTECTION OF BUILDING SECURITY.

6. NO EXTERIOR STORAGE WILL BE PERMITTED IN THE VICINITY OF THE BUILDING. THE CONTRACTOR SHALL CONFINE MATERIALS STORAGE TO THE INTERIOR WORK AREA (NOT IN CORRIDORS OR ADJACENT SPACES), UNLESS STORAGE AREAS ARE SPECIFICALLY APPROVED BY THE OWNER'S REPRESENTATIVE.

7. THE OWNER WILL PROVIDE A DESIGNATED LOCATION ON THE RADFORD UNIVERSITY CAMPUS WHERE MATERIAL/EQUIPMENT MAY BE STORED IN ADVANCE OF THE DATE FOR ACCESS TO THE WORK SITE. STORAGE OF MATERIAL/EQUIPMENT WILL BE LIMITED TO ITEMS WITH A 14-DAY OR LONGER "LEAD TIME" FOR ORDERING AND DELIVERY. THE CONTRACTOR MAY INCLUDE THESE STORED MATERIALS/EQUIPMENT IN HIS REQUESTS FOR PAYMENT, SUBJECT TO THE REQUIREMENTS OF SECTIONS 20 AND 36 OF THE GENERAL CONDITIONS. SUBMITTALS FOR STORED MATERIALS/EQUIPMENT MUST BE APPROVED PRIOR TO THEIR DELIVERY TO THE STORAGE LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY OF MATERIALS/EQUIPMENT TO THE STORAGE LOCATION, AND FOR TRANSFER OF MATERIALS/EQUIPMENT TO THE JOB SITE.

8. CONTRACTOR SHALL PROVIDE AN EXTERIOR TEMPORARY TOILET IN A LOCATION ADJACENT TO THE BUILDING WHICH IS APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE, DURING THE ENTIRE PERIOD OF CONSTRUCTION. TEMPORARY TOILET SHALL BE MAINTAINED IN A CLEAN AND SANITARY CONDITION.

9. ALL CONTRACTOR AND SUBCONTRACTOR WORKMEN SHALL WEAR IDENTIFICATION ACCEPTABLE TO THE OWNER'S REPRESENTATIVE AT ALL TIMES WHILE ON CAMPUS.

10. UNIVERSITY PARKING PASSES WILL BE SECURED AND PAID FOR BY THE CONTRACTOR. EMPLOYEE PARKING ADJACENT TO THE BUILDING WILL NOT BE PERMITTED. PARKING ADJACENT TO THE BUILDING SHALL BE ALLOWED ONLY WHILE MATERIALS AND EQUIPMENT ARE BEING ACTIVELY LOADED OR UNLOADED FROM THE PARKED VEHICLE, AND SHALL BE SCHEDULED SO AS NOT TO INTERFERE WITH THE OPERATIONS OF THE OWNER.

11. A DUMPSTER (PROVIDED BY THE CONTRACT0R) WILL BE PERMITTED IN THE VICINITY OF THE BUILDING, DURING THE PERIOD WHILE THE PRIMARY DEMOLITION WORK IS UNDERWAY, AT A LOCATION TO BE SPECIFIED BY THE OWNER'S REPRESENTATIVE.

12. ALL REQUIRED INTERRUPTIONS OF UTILITY SERVICES TO AREAS OUTSIDE THE WORK AREAS SHALL BE CLOSELY COORDINATED WITH THE OWNER. INTERRUPTIONS SHALL BE LIMITED TO THE MINIMUM TIME REQUIRED FOR PROPER COMPLETION OF THE WORK, AND SHALL BE SCHEDULED FOR THE CONVENIENCE OF THE OWNER, TO MINIMIZE DISRUPTION OF THE OWNER'S USE OF THE BUILDING. ALL INTERRUPTIONS SHALL BE SCHEDULED A MINIMUM OF 7 DAYS IN ADVANCE.

13. ALL WORKMANSHIP SHALL BE OF THE HIGHEST QUALITY CUSTOMARILY PROVIDED FOR COMMERCIAL CONSTRUCTION. ALL WORK SHALL BE COMPLETED IN A NEAT, WORKMANLIKE MANNER.

14. ALL PRODUCTS, MATERIALS AND EQUIPMENT SHALL BE SHIPPED, STORED, HANDLED, AND INSTALLED IN STRICT ACCORDANCE WITH PRODUCT MANUFACTURER'S WRITTEN INSTRUCTIONS, AS APPROVED BY THE A/E, AND WITH MORE STRINGENT REQUIREMENTS SPECIFIED HEREIN AND REQD. BY THE APPLICABLE CODES.

15. PROVIDE A THOROUGH CLEANING OF ALL WORK AREAS ON A DAILY BASIS, AND MORE OFTEN AS NECESSARY TO MAINTAIN THE RENOVATION AREA IN A NEAT AND ORDERLY CONDITION. AT THE COMPLETION OF THE CONSTRUCTION, COMPLETELY CLEAN ALL SURFACES IN THE RENOVATION AREAS, INCLUDING FLOORS, DOORS, WALLS, WINDOWS, LIGHT FIXTURES AND OTHER SURFACES. COMPLETELY CLEAN ALL ADJACENT SPACES WHERE DUST, STAINS OR OTHER FOREIGN MATTER HAS BEEN CREATED BY OPERATIONS UNDER THIS CONTRACT.

16. THE CONTRACTOR SHALL HAVE A COMPETENT FOREMAN OR SUPERINTENDENT ON THE JOB SITE AT ALL TIMES WHEN WORK (BY THE CONTRACTOR OR ANY SUBCONTRACTOR) IS UNDERWAY. THE SUPERINTENDENT SHALL BE A FULL-TIME EMPLOYEE OF THE CONTRACTOR. THE SUPERINTENDENT SHALL BE APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE, BASED ON QUALIFICATIONS SUBMITTED IN WRITING TO THE OWNER. THE CONTRACTOR SHALL NOTIFY THE OWNER, IN WRITING, OF ANY PROPOSED CHANGES IN THE SUPERINTENDENT, INCLUDING THE REASONS FOR MAKING SUCH CHANGES.

17. PROVIDE PROTECTIONS FOR ALL FIRE ALARM COMPONENTS IN THE AREA SURROUNDING THE WORK, ADEQUATE TO PREVENT FALSE ALARMS. REMOVE TEMPORARY PROTECTIONS FOR SMOKE AND HEAT DETECTORS WHEN NO WORK IS UNDERWAY & AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS RELATED TO ALARMS CAUSED BY WORK OPERATIONS.

SECTION 01000 - GENERAL REQUIREMENTS (CONTINUED)

18. THE CONTRACTOR SHALL COORDINATE ALL WORK OPERATIONS WITH ANY CONTRACTORS PERFORMING WORK IN THE BUILDING UNDER SEPARATE CONTRACTS, CONCURRENT WITH THIS PROJECT.

19. THE CONTRACTOR SHALL USE EXTREME CAUTION TO PREVENT DAMAGE TO EXIST. LAWN AREAS & LANDSCAPING. ALL RUTTED, COMPACTED, OR OTHERWISE DAMAGED LAWN AREAS SHALL BE RESTORED TO ORIGINAL CONDITIONS WITH TOPSOIL & SOD OVERLAY, INCLUDING 1 INCH MINIMUM THICKNESS OF TOPSOIL & PLASTIC NETTING. SEEDING SHALL NOT BE ACCEPTABLE FOR LAWN REPAIRS.

SECTION 01330 - SUBMITTALS

1. WITHIN 15 CALENDAR DAYS OF RECEIPT OF NOTICE TO PROCEED, SUBMIT TO THE A/E & THE OWNER'S REPRESENTATIVE, DETAILED PRODUCT SUBMITTALS, WARRANTIES, COLOR SAMPLES, AND SHOP DRAWINGS FOR ALL COMPONENTS & PRODUCTS PROPOSED TO BE INCLUDED IN THE WORK. SUBMITTALS SHALL BE CAREFULLY CHECKED BY THE GENERAL CONTRACTOR, PRIOR TO SUBMITTAL TO THE A/E. UNLESS OTHERWISE SPECIFIED BY THE A/E, PROVIDE AN ELECTRONIC SUBMITTAL OF ALL PERTINENT INFORMATION IN PDF FORMAT, TRANSMITTED VIA DIRECT EMAIL FROM THE CONTRACTOR TO THE OWNER & A/E. OWNER & A/E SHALL NOT BE REQD. TO ACCESS A WEBSITE TO OBTAIN PROJECT INFORMATION. SUBMITTALS SHALL BE PROVIDED FOR ALL PRODUCTS & MATERIALS TO BE INCLUDED IN THE WORK, WHETHER OR NOT SPECIFIC SUBMITTAL ITEMS ARE LISTED BELOW. FOR ALL EMAIL SUBMITTALS, THE SUBJECT LINE SHALL FOLLOW A CONSISTENT FORMAT TO BE SPECIFIED BY THE A/E.

2. SUBMITTALS OF ALL FINISH SAMPLES, COLOR CHARTS AND OTHER MATERIAL SAMPLES SHALL BE DELIVERED TO THE OWNER'S REPRESENTATIVE IN DUPLICATE. ALL SAMPLES SHALL BE NEATLY LABELED WITH THE PROJECT NAME AND THE LOCATION WHERE THE PROPOSED MATERIAL IS TO BE INSTALLED. FOR ALL MATERIAL SELECTIONS, PHYSICAL SAMPLES MAY BE REQUESTED BY THE OWNER'S REPRESENTATIVE TO VERIFY PRELIMINARY COLOR AND TEXTURE SELECTIONS MADE FROM PRINTED COLOR AND TEXTURE CHARTS.

3. ALL SUBMITTALS SHALL BE IDENTIFIED BY A COVER SHEET, INCLUDING THE PROJECT INFORMATION, CONTRACTOR INFORMATION, DATE OF SUBMITTAL, AND A SEQUENTIAL SUBMITTAL NUMBER IDENTIFYING THE ORDER OF DELIVERY OF THE SUBMITTAL. RESUBMITTALS SHALL BE IDENTIFIED BY THE SAME SEQUENTIAL NUMBER WITH A LETTER OR NUMERIC SUFFIX. COVER SHEETS SHALL INCLUDE THE CONTRACTOR'S SIGNED CERTIFICATION SPECIFIED IN THE GENERAL CONDITIONS (SECTION 24), STATING THAT ALL WORK INCLUDED IN THE SUBMITTAL INFORMATION HAS BEEN CHECKED BY THE CONTRACTOR, AND THAT THE INFORMATION MEETS ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS. ALL SUBSTITUTIONS, DIMENSIONAL VARIATIONS, AND OTHER DEVIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE CLEARLY MARKED AS SUCH.

4. NO COMPONENTS SHALL BE ORDERED PRIOR TO RECEIPT OF THE A/E & OWNER'S APPROVALS OF THE SUBMITTAL INFORMATION. WHEN SCHEDULING THE PROJECT PRIOR TO BIDDING, INCLUDE 14 CALENDAR DAYS FOR THE A/E & OWNER'S REVIEW AND 14 CALENDAR DAYS FOR POSSIBLE RE-REVIEW OF ALL UNACCEPTABLE SUBMITTALS.

5. CORRECTIONS OR COMMENTS MADE ON THE SUBMITTALS DURING THE A/E OR OWNER'S REVIEW DO NOT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH ALL REQUIREMENTS OF THE DRAWINGS AND OUTLINE SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

SECTION 01640 - OWNER FURNISHED PRODUCTS

18. THE OWNER SHALL PROCURE & PROVIDE CERTAIN PRODUCTS FOR INSTALLATION AS SHOWN & SPECIFIED IN THE CONTRACT DOCUMENTS.

19. OWNER'S RESPONSIBILITIES:

A. SUBMITTALS: ARRANGE FOR & DELIVER NECESSARY SHOP DRAWINGS, PRODUCT DATA & SAMPLES TO CONTRACTOR.

B. DELIVERY: ARRANGE FOR & PAY FOR PRODUCT DELIVERY TO SITE, IN ACCORDANCE WITH CONST. SCHEDULE. PROVIDE DOCUMENTATION OF BILL OF MATERIALS TO CONTRACTOR. JOINTLY INSPECT ALL DELIVERIES W/ CONTRACTOR. SUBMIT FOR TRANSPORTATION DAMAGE & REPLACEMENT OF DAMAGED, DEFECTIVE OR MISSING ITEMS.

C. GUARANTEES: ARRANGE FOR MANUFACTURER'S WARRANTIES, BONDS, SERVICE, & INSPECTION, AS REQUIRED.

3. CONTRACTOR'S RESPONSIBILITIES:

A. SUBMITTALS: REVIEW SHOP DRAWINGS, PRODUCT DATA & SAMPLES & NOTIFY OWNER'S REP. OF ALL DISCREPANCIES OR PROBLEMS W/ ANTICIPATED USE OF PRODUCT.

B. DELIVERY: DESIGNATE DELIVERY DATE FOR EACH PRODUCT IN PROGRESS SCHEDULE. RECEIVE & UNLOAD PRODUCTS AT SITE. HANDLE PRODUCTS AT SITE INCLUDING UNCRATING & STORAGE. PROMPTLY INSPECT ALL PRODUCTS, JOINTLY W/ OWNER, & RECORD SHORTAGES, DAMAGED, OR DEFECTIVE ITEMS. PROTECT PRODUCTS FROM DAMAGE & EXPOSURE TO ELEMENTS.

C. INSTALLATION: ASSEMBLE, INSTALL, CONNECT, ADJUST, & FINISH PRODUCTS, AS STIPULATED IN THE CONTRACT DOCUMENTS. REPAIR & REPLACE ITEMS DAMAGED DURING HANDLING OR INSTALLATION.

D. PROTECTION & CLEANING: PROTECT ALL ITEMS UNTIL SUBSTANTIAL COMPLETION. PROVIDE A THOROUGH CLEANING AT SUBSTANTIAL COMPLETION.

SECTION 01770 - PROJECT RECORD DRAWINGS

1. RECORD ALL CHANGES TO THE WORK NEATLY ON A SINGLE SET OF DRAWINGS, IN COLOR. ALL COMPONENTS WHICH ARE CONCEALED IN THE FINISHED WORK, SUCH AS PIPING, SHALL BE ACCURATELY DIMENSIONED ON THE RECORD DRAWINGS.

2. AT THE COMPLETION OF THE PROJECT, GENERATE A COMPLETE PROJECT RECORD DRAWING SET IN A SINGLE .PDF FILE, AND FORWARD VIA EMAIL TO THE OWNER & THE A/E FOR REVIEW AND COMMENT. MAKE REVISIONS TO COMPLY WITH ALL REVIEW COMMENTS.

SECTION 01782 - OPERATION & MAINTENANCE DATA

1. AT THE TIME OF SUBSTANTIAL COMPLETION, PROVIDE COMPLETE MAINTENANCE AND OPERATION DATA FOR ALL ARCHITECTURAL, SPRINKLER, ELECTRICAL, VENTILATION, PLUMBING, AND FIRE ALARM EQUIPMENT INSTALLED AS PART OF THE WORK. OPERATION AND MAINTENANCE DATA SHALL INCLUDE, BUT NOT BE LIMITED TO: CONTACT INFORMATION FOR ALL INVOLVED PARTIES, PARTS LISTS, MAINTENANCE SCHEDULES, WARRANTIES, ELECTRICAL SCHEMATICS, COLOR/PATTERN SELECTIONS FOR ALL FINISHES, AND OTHER PERTINENT INFORMATION. TABLE OF CONTENTS PAGE SHALL INCLUDE HYPERLINKS TO ALL SECTIONS OF THE O & M MANUAL.

2. SUBMIT A DRAFT COPY OF ALL OPERATION & MAINTENANCE DATA IN .PDF FORMAT, FOR REVIEW BY THE OWNER AND A/E. MAKE REVISIONS TO COMPLY WITH ALL REVIEW COMMENTS.

3. A FINAL COPY OF THE REVISED OPERATION & MAINTENANCE DATA SHALL BE SUBMITTED ON A USB-COMPATIBLE FLASH DRIVE WITH ALL OPERATION & MAINTENANCE DATA IN A SINGLE FILE.

SECTION 02200 - SELECTIVE DEMOLITION

1. PERFORM LIMITED SELECTIVE DEMOLITION OF THE EXISTING CONSTRUCTION, AS INDICATED ON THE DEMOLITION, ARCHITECTURAL, PLUMBING, VENTILATION & ELECTRICAL DRAWINGS. CONTRACTOR SHALL DELIVER ALL SOLID WASTE COLLECTED ON RADFORD UNIVERSITY PROPERTIES TO THE MONTGOMERY REGIONAL SOLID WASTE AUTHORITY TRANSFER STATION.

2. USE ALL MEANS NECESSARY TO PREVENT DEMOLITION OPERATIONS, NOISE, DUST, AND DEBRIS FROM BECOMING A NUISANCE TO THE PUBLIC, TO STUDENTS, TO UNIVERSITY STAFF, OR TO THE OWNER'S ACTIVITIES IN THE ADJACENT SPACES IN THE EXISTING BUILDING.

3. MAINTAIN THE WORK AREA IN A CLEAN AND SAFE CONDITION AT ALL TIMES. PERFORM INTERIM CLEANING OF THE PREMISES ONCE A DAY OR MORE OFTEN AS NEEDED.

4. COMPLY WITH IMPORTANT NOTES ON THE T1 DRAWING PERTAINING TO ASBESTOS-CONTAINING AND LEAD-CONTAINING MATERIALS.

5. IF, DURING THE DEMOLITION WORK, ANY MATERIALS ARE FOUND IN THE WORK AREA WHICH MIGHT CONTAIN ASBESTOS OR LEAD, THESE MATERIALS SHALL NOT BE DISTURBED. THE PRESENCE OF THESE MATERIALS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.

6. REMOVE OR RELOCATE ALL MISCELLANEOUS EXISTING COMPONENTS WHICH ARE REQUIRED TO BE REMOVED OR RELOCATED FOR PROPER INSTALLATION OF THE PROPOSED CONSTRUCTION, INCLUDING ALL EXISTING COMPONENTS WHICH PREVENT INSTALLATION OF THE SUSPENDED CEILINGS AT THE SPECIFIED HEIGHT. SUCH MISCELLANEOUS ITEMS ARE NOT SPECIFICALLY INDICATED ON THE DRAWINGS.

7. REMOVE ALL EXIST. ABANDONED HANGERS, FASTENERS, AND OTHER MISCELLANEOUS COMPONENTS WHICH ARE NOT IN USE AND ARE NOT NEEDED FOR THE PROPOSED CONSTRUCTION.

8. IN THE EVENT OF DEMOLITION OR DAMAGE TO EXISTING CONSTRUCTION WHICH IS NOT SCHEDULED TO BE DEMOLISHED, PROMPTLY REPAIR OR REPLACE SUCH ITEMS TO THE APPROVAL OF THE PROJECT MANAGER. DAMAGED ITEMS SHALL BE REPAIRED OR REPLACED WITH NEW MATERIALS EQUAL TO THE EXISTING MATERIALS, AT NO ADDITIONAL COST TO THE OWNER.

SECTION 03300 - CONCRETE SLAB REPAIRS

1. CONCRETE FOR REPAIRS TO EXIST. CONC. SLABS SHALL BE 5000 PSI MIN. COMPRESSIVE STRENGTH, WITH SMALL AGGREGATE SIZE SUITABLE FOR INFILL INTO EXIST. IRREGULAR SPACES.

2. EPOXY ADHESIVE FOR ANCHORING REINFORCING DOWELS TO EXIST. CONC. SLAB SHALL BE HILTI HY200A OR APPROVED EQUAL.

SECTION 05500 - MISCELLANEOUS METALS

1. PROVIDE MISC. METAL COMPONENTS WHERE INDICATED ON THE DRAWINGS, INCLUDING METAL SUPPORTS & ANCHORS FOR NEW COMPONENTS, AND AS REQD. FOR A COMPLETE AND PROPER INSTALLATION.

SECTION 06210 - CARPENTRY

1. ALL WD. MATERIALS SHALL BE FIRE-RETARDANT-TREATED (F.R.T.) UNLESS NOTED OTHERWISE. PROVIDE FIRE-RETARDANT-TREATED (F.R.T.) SHEATHING AS INDICATED ON THE DRAWINGS, FOR ANCHORAGE OF ACCESSORIES, SHELVING, EQUIPMENT AND ELSEWHERE AS REQD. FOR SUPPORT OF COUNTERTOPS AND ALL OTHER WALL-MTD. COMPONENTS. ANCHOR BLOCKING TO THE ADJACENT MTL. STUDS & ADJACENT MASONRY. FIRE-RETARDANT-TREATED WD. SHALL BE LABELED AS REQD. BY THE VUSBC. PROVIDE A SUBMITTAL SHOWING THE PROPOSED F.R.T. LABEL.

2. ALL BOARDS AND PLYWD. SHALL BE NEATLY CUT & TIGHTLY FITTED TO ADJACENT MEMBERS. RIGIDLY ANCHOR ALL MEMBERS FOR LONG LIFE UNDER HARD USE. ALL COMPONENTS SHALL BE ASSEMBLED WITH CORROSION-RESISTANT SCREWS DESIGNED FOR EXTERIOR USE. USE OF NAILS WILL NOT BE PERMITTED.

SECTION 07130 - MEMBRANE WATERPROOFING & BACKING BOARD

1. UNDER ALL CERAMIC TILE FLOORS AND WALL SURFACES AS INDICATED ON THE DRAWINGS, PROVIDE CONTINUOUS MEMBRANE WATERPROOFING SYSTEM.

2. PROVIDE 5/8" THICK TILE BACKING BOARD, REINFORCED WITH A FIBERGLASS MAT, DESIGNED FOR INSTALLATION IN WET ENVIRONMENTS, COMPLYING WITH ASTM C1178. BOARDS SHALL LIMIT WATER TRANSMISSION TO 1.5 PERMS OR LESS, WHEN TESTED IN ACCORDANCE WITH ASTM E96. MOLD RESISTANCE RATING SHALL BE 10, WHEN TESTED IN ACCORDANCE WITH ASTM D3273. PROVIDE GEORGIA-PACIFIC "DENSHIELD" TILE BACKING BOARD, OR APPROVED EQUAL PRODUCT. PROVIDE BACKING BOARD IN 4' X 8' MINIMUM SHEETS, TO MINIMIZE JOINTS. VERIFY METAL STUD FRAMING & FIRE-RETARDANT TREATED PLYWD. SHEATHING HAS BEEN PROPERLY INSTALLED FOR SUPPORT OF ALL COUNTERTOPS & ACCESSORIES, PRIOR TO INSTALLATION OF BACKING BOARD.

3. INSTALL WATERPROOFING SYSTEM AND BACKING BOARD IN STRICT COMPLIANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS, INCLUDING ALL ACCESSORIES, ADHESIVES, FASTENERS, AND OTHER COMPONENTS RECOMMENDED BY THE MANUFACTURER.

4. SUBMITTALS SHALL INCLUDE A COMPLETE LIST OF ALL COMPONENTS PROPOSED FOR INSTALLATION ON THIS PROJECT, WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS & ALL PERTINENT INSTALLATION DETAILS.

SECTION 07840 - FIRESTOPPING

1. PROVIDE FIRESTOPPING FOR PENETRATIONS OF NON-FIRE-RATED ASSEMBLIES. A UL-LISTED ASSEMBLY IS NOT REQD. FOR PENETRATIONS OF NON-FIRE-RATED ASSEMBLIES.

SECTION 07920 - SEALANTS AND CAULKING

1. PROVIDE SEALANTS FOR ALL MISC. JOINTS AT PRODUCTS AND EQUIPMENT AS LISTED IN THE SEALANT SCHEDULE. PROVIDE SEALANTS IN TYPES AND QUANTITIES AS RECOMMENDED BY THE MANUFACTURER FOR THE SUBSTRATES ENCOUNTERED.

2. SEALANT BEADS SHALL BE SMOOTH, UNIFORM, CONTINUOUS, IN CONTACT WITH BOTH SIDES OF JOINT, AND SHALL BE INSTALLED NEATLY IN THE MINIMUM SIZE NECESSARY TO FILL & CONCEAL THE UNDERLYING JOINT.

SECTION 08310 - METAL ACCESS DOORS

1. WHERE INDICATED ON THE DRAWINGS & AT ALL LOCATIONS WHERE METAL ACCESS DOORS ARE REQD. FOR ACCESS TO EXIST. OR PROPOSED JUNCTION BOXES, OR OTHER EXIST. OR PROPOSED COMPONENTS REQUIRING ACCESS FOR MAINTENANCE, PROVIDE METAL ACCESS DOORS IN 12" X 12" MINIMUM SIZE, AND LARGER SIZE WHERE REQD. TO PERMIT CONVENIENT ACCESS TO THE CONCEALED COMPONENTS. PROVIDE BRUSHED (#4 FINISH) STAINLESS STEEL METAL ACCESS DOORS W/ ONE-PIECE 16 GAUGE COLD-ROLLED STAINLESS STEEL FRAMES AND 16 GAUGE COLD ROLLED STAINLESS STEEL DOOR PANELS. ALL DOORS SHALL BE 12" X 12" MINIMUM SIZE, AND LARGER WHERE REQD. FOR ACCESS.

2. METAL ACCESS DOORS SHALL BE INSTALLED PLUMB AND LEVEL, RIGIDLY ANCHORED TO THE SURROUNDING CONSTRUCTION, IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.

SECTION 09110 - METAL STUD SYSTEM

1. PROVIDE 20 GAUGE GALV. STEEL STUDS AT MAXIMUM SPACING INDICATED ON THE DRAWINGS FOR WALL CONSTRUCTION & WALL FURRING, IN WIDTHS AS INDICATED ON THE FLOOR PLAN & DETAILS. ALL STUDS SHALL BE CONTINUOUS FROM BOTTOM TRACK @ FLOOR SLAB TO TOP TRACK @ SLAB ABV. PROVIDE DOUBLE STUDS & 20 GAUGE GALV. STEEL STIFFENER PLATES AS REQD. TO PROVIDE A RIGID WALL INSTALLATION. PROVIDE ADDITIONAL STUDS AS REQD. FOR RIGID SUPPORT OF COUNTERTOP, SHELVES & OTHER WALL-MOUNTED ITEMS.

2. PROVIDE CONTINUOUS GALV. STEEL TRACKS AT THE TOP & BOTTOM OF THE WALLS & WALL FURRING, 20 GAUGE MINIMUM, ANCHORED AT 16" O.C. MAXIMUM SPACING TO CONC. SLABS, EXCEPT WHERE SPECIAL ANCHORAGE IS INDICATED ON THE DRAWINGS.

SECTION 09260 - GYPSUM WALLBOARD SYSTEMS

1. PROVIDE 5/8" THICK GYPSUM BOARD PANELS FOR ALL LOCATIONS, NATIONAL GYPSUM "XP" OR APPROVED EQUAL PRODUCT. PROVIDE PANELS IN 4' WIDTH, WITH LENGTHS SELECTED TO MINIMIZE BUTT JOINTS (TYPICALLY 4' X 12').

2. FOR REPAIRS TO EXIST. PARTITIONS, PROVIDE GYPSUM BOARD IN THICKNESS REQD. TO MATCH EXIST. GYPSUM BOARD.

3. ALL GYPSUM WALLBOARD EXPOSED BELOW ACOUSTICAL CEILINGS SHALL BE FINISHED WITH GYPSUM BOARD MANUFACTURER'S RECOMMENDED 3-COAT DRYWALL FINISHING SYSTEM. ALL FINISHED SURFACES SHALL BE SMOOTH AND UNIFORM, WITH NO CROWNING, JOINT TELEGRAPHING, TROWEL MARKS OR OTHER BLEMISHES OR IMPERFECTIONS VISIBLE WHEN VIEWED FROM A DISTANCE OF 5 FT. FROM ANY DIRECTION. PROVIDE JOINT REINFORCING TAPE AT ALL JOINTS BETWEEN BOARDS. PROVIDE METAL CORNER TRIMS AT ALL OUTSIDE CORNERS. CORNER TRIMS AND J-TRIMS SHALL BE FINISHED SMOOTH W/ 3-COAT FINISHING SYSTEM, SUCH THAT THEY ARE NOT TO VISIBLE IN THE FINISHED WORK.

4. CUT GYPSUM BOARD TO FIT TIGHT TO ALL ELECT. DEVICES, DUCTWORK, AND OTHER WALL-MOUNTED COMPONENTS.

SECTION 09310 - CERAMIC/PORCELAIN TILING

1. PROVIDE FLOOR AND BASE TILE AND GROUT IN THE COLORS AND SIZES, AND BY THE MANUFACTURERS INDICATED ON THE DRAWINGS AND SCHEDULE (NO SUBSTITUTIONS).

2. PROVIDE FLOOR AND BASE TILE ADHESIVE AS RECOMMENDED BY THE MANUFACTURER FOR INSTALLATION OVER THE ADJACENT SUBSTRATES. VERIFY PROPER BONDING TO SUBSTRATES PRIOR TO ORDERING MATERIALS.

3. TILE SETTING METHODS TO BE PER THE LATEST PRINTED EDITION OF "HANDBOOK FOR CERAMIC TILE INSTALLATION" AS PUBLISHED BY THE TILE COUNCIL OF AMERICA.

3. ALL CERAMIC TILE SHALL BE FITTED TIGHTLY TO OBSTRUCTIONS AND PENETRATIONS. ALL JOINTS SHALL BE STRAIGHT AND TRUE, WITH UNIFORM WIDTH. USE ONLY FULL-SIZED FLOOR TILES, EXCEPT AT ABUTTING BASE TILES. TILE SHALL BE INSTALLED IN UNIFORM, CONTINUOUS PLANES, PLUMB AND LEVEL. NO IRREGULARITIES IN PLANE, COLOR, PATTERN, OR TEXTURE VISIBLE TO THE UNAIDED EYE FROM A DISTANCE OF 5 FT., VIEWED FROM ANY DIRECTION, SHALL BE ACCEPTABLE.

SECTION 09510 - SUSPENDED ACOUSTICAL CEILINGS

1. PROVIDE 15/16" WIDE EXPOSED TEE SUSPENSION GRID SYSTEM, 2' X 2' GRID, INTERMEDIATE DUTY. COLOR: BLACK. GRID SHALL BE ALUMINUM CONSTRUCTION, FOR CORROSION RESISTANCE.

2. WHERE SUSPENDED ACOUSTICAL CEILING IS INDICATED ON THE FINISH SCHEDULE, PROVIDE GOLD BOND GRIDSTONE, COLOR: BLACK.

3. WHERE EXIST. ACOUSTICAL CEILINGS ARE INDICATED TO BE REPAIRED OR EXTENDED ON THE FINISH SCHEDULE, PROVIDE CEILING GRID, EDGE ANGLES, AND CEILING TILES MATCHING THE EXIST. MATERIALS.

4. ALL CEILING TILES SHALL BE UL LISTED AS A CLASS "A" FINISH, WITH FLAMESPREAD RATING OF 25 OR LESS, AND SMOKE DEVELOPED RATING OF 50 OR LESS, WHEN TESTED IN ACCORDANCE WITH ASTM E84. ALL CARTONS OR ALL TILES DELIVERED TO THE JOB SITE SHALL BE UL LABELED.

5. INSTALL CEILING SYSTEM IN ACCORDANCE WITH ASTM C636. HANGERS SHALL BE INSTALLED AT 4' MAX. SPACING IN BOTH DIRECTIONS. ALL TILES IN EACH SPACE SHALL MATCH EXACTLY IN COLOR, SHEEN & TEXTURE. INSTALL ALL DIRECTIONAL-PATTERNED TILES IN THE SAME DIRECTION IN EACH SPACE.

SECTION 09820 - ACOUSTICAL INSULATION

1. PROVIDE 3 1/2" THK. X 16" WIDE UNFACED MINERAL FIBER SOUND ATTENUATION "ACOUSTICAL" BATT INSULATION, COMPLYING WITH ASTM C665 (TYPE I), SIZED FOR FRICTION-FIT INSTALLATION IN MTL. STUD FRAMING INSTALLED @ 16" O.C.

2. INSULATION SHALL HAVE A FLAMESPREAD RATING LESS THAN 25 AND A SMOKE DEVELOPED RATING LESS THAN 50, WHEN TESTED IN ACCORDANCE WITH ASTM E84, AND SHALL BE TESTED AND LABELED BY AN APPROVED INDEPENDENT TESTING LAB. ALL BUNDLES OF INSULATION DELIVERED TO THE JOB SITE SHALL BEAR THE LABEL OF THE APPROVED TESTING LAB.

3. COMPLETELY FILL ALL FRAMING SPACES IN ALL INTERIOR PARTITIONS W/ FRICTION FIT ACOUSTICAL INSULATION BATTS. FIT INSULATION TIGHTLY TO ALL PENETRATIONS TO BOTTOM TRACK OF MTL. STUD FRAMING, AND EXTEND INSULATION TO TOP EDGE OF WALL SHEATHING.

0 1 2 3 5

1/2" = 1'-0"

PROJECT CODE: 25-24190

DATE

REVISIONS

OUTLINE SPECIFICATIONS

HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: SLL

DRAWN BY: SLL

CHECKED BY: TAA

The Architects Alliance Inc.

Blacksburg, Virginia

PROJECT NO: 116584

DATE: 3/24/25

A6

OUTLINE SPECIFICATIONS (CONTINUED):

SECTION 09900 - PAINTING

1. PROVIDE MANUFACTURER'S TOP QUALITY PAINT PRODUCTS AS SCHEDULED BELOW, BY SHERWIN WILLIAMS (NO SUBSTITUTIONS). PROVIDE LOW V.O.C. (VOLATILE ORGANIC COMPOUNDS) PAINTS FOR ALL USES.

EXIST. CONC. MASONRY, EXIST. CONC. & EXIST. GYPSUM DRYWALL: BARRIER COAT PRIMER, TWO COATS ACRYLIC LATEX EGGSHELL LUSTRE OR SEMI-GLOSS ENAMEL, AS SELECTED BY THE OWNER'S REPRESENTATIVE.
GYPSUM BOARD: LATEX PRIMER/SEALER, TWO COATS ACRYLIC LATEX SEMI-GLOSS OR EGGSHELL LUSTRE ENAMEL.
MISCELLANEOUS METALS: ALKYD BASE RUST-INHIBITIVE STEEL PRIMER, TWO COATS ALKYD SEMI-GLOSS ENAMEL.

2. NUMBERS OF PAINT COATS SPECIFIED ABOVE ARE MINIMUMS. PROVIDE ADDITIONAL COATS OF PAINT AS REQD. TO COVER STAINS AND OTHER VARIATIONS IN SUBSTRATES, AND AS REQUIRED TO PROVIDE A UNIFORM FINISH.

3. MIX AND INSTALL PAINTS ONLY WHEN JOB CONDITIONS AND ENVIRONMENTAL CONDITIONS COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

4. VERIFY COMPATIBILITY OF ALL PAINT PRODUCTS WITH EXISTING FINISHES AND PRIMERS PRIOR TO PAINT APPLICATION. PROVIDE BARRIER COATS AND BOND COATS AS REQUIRED.

5. WHERE PAINTS ARE REQUESTED TO MATCH EXIST. FINISHES, PROVIDE ACTUAL SAMPLES OF THE PROPOSED PAINT FINISH AT THE JOB SITE, MIN. 12" X 12" SIZE, FOR REVIEW AND APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO PAINT APPLICATION.

SECTION 10120 - FULL-SERVICE PASS-OVER SNEEZE GUARD

1. PROVIDE FLAV-R-SHIELD FULL SERVICE PASS-OVER SNEEZE GUARD, MODEL EP11, OR APPROVED EQUAL. 150 INCHES IN OVERALL WIDTH, 18 INCHES IN OVERALL DEPTH, AND 18 INCHES IN OVERALL HEIGHT.

2. ONE INCH DIAMETER 304 BRUSHED STAINLESS STEEL POSTS AND TWO INCH DIAMETER STAINLESS STEEL FINISH FLANGES WITH TIGHT FITTING FLANGE COVERS. ALL FASTENERS TO BE CONCEALED.

3. .1/4" TEMPERED GLASS CONSTRUCTION WITH .3/4" RADIUS CORNERS AND FLAT POLISHED EDGES. 14.375" HIGH FACE PANELS AND 11.5" DEEP TOP PANEL.

SECTION 12350 - CABINETS

1. PROVIDE CABINETS AS INDICATED ON THE FLOOR PLAN & ELEVATION DRAWINGS. CABINET FRAME PANELS, DOOR PANELS, & SHELVES SHALL BE FABRICATED OF 3/4" THK .A-A CABINET GRADE PLYWOOD. SOLID WOOD MEMBERS, SHALL BE CLEAR GRADE PONDEROSA PINE. CABINET SHELVES SHALL BE ADJUSTABLE FROM 6" TO 24" ABOVE CABINET BOTTOM, IN 1" INCREMENTS. EACH BASE CABINET SHALL HAVE ONE ADJUSTABLE SHELF. ALL EXTERIOR SURFACES OF CABINET FRAMES, DOOR PANELS, APRONS, AND ALL OTHER EXPOSED SURFACES, SHALL BE COVERED WITH PLASTIC LAMINATE, .050" MIN. THICKNESS. INTERIOR SURFACES OF CABINET BODIES AND SHELVING UNITS SHALL BE COVERED WITH CABINET LINER, .020" MIN. THICKNESS. PROVIDE SATIN CHROME FINISH "RIBBON" STYLE DOOR PULLS, 4" OVERALL WIDTH, STANLEY #4477 OR EQUAL, FOR ALL CABINET DOORS.

2. CABINETS SHALL BE SHOP-FABRICATED & SHOP-FINISHED IN ACCORDANCE WITH AWI QUALITY STANDARDS, SECTIONS 400 & 1500, "CUSTOM" GRADE. ALL PANEL JOINTS SHALL BE DADOED OR RABBETED JOINTS. PROVIDE ALL SUPPORTS REQD. FOR PROPER INSTALLATION OF THE SILESTONE QUARTZ COUNTERTOPS AND VERTICAL PANELS, PER WRITTEN INSTRUCTIONS OF MANUFACTURER, & AS INDICATED ON THE DRAWINGS.

3. ALL CABINET WORK SHALL BE FABRICATED IN A SHOP EXPERIENCED IN COMMERCIAL CABINET CONSTRUCTION. ALL WORKMANSHIP SHALL BE OF THE HIGHEST QUALITY. ALL PIECES SHALL BE ACCURATELY AND TIGHTLY FITTED. ALL JOINTS SHALL BE HAIRLINE.

4. PLASTIC LAMINATE SHALL BE BY FORMICA, WILSONART, OR APPROVED EQUAL. PROVIDE TWO SETS OF SAMPLES OF MANUFACTURERS' FULL RANGE OF PLASTIC LAMINATE COLOR OPTIONS, FOR SELECTIONS BY THE OWNER'S REPRESENTATIVE. MULTIPLE COLORS OF PLASTIC LAMINATE AND CABINET LINER MAY BE SELECTED. MINIMIZE JOINTS IN PLASTIC LAMINATE SURFACES.

5. COORDINATE ALL DIMENSIONS WITH DETAILS OF BUILT-IN EQUIPMENT. PROVIDE DETAILED SHOP DRAWINGS OF ALL CABINET SIZES & CONSTRUCTION DETAILS, FOR REVIEW AND APPROVAL, PRIOR TO FABRICATION.

6. ALL CABINETS AND RELATED COMPONENTS SHALL BE RIGIDLY ANCHORED TO THE ABUTTING WALL AND FLOOR CONSTRUCTION.

SECTION 13852 - FIRE ALARM SYSTEM MODIFICATIONS

1. FIRE ALARM SYSTEM WIRING AND DEVICES SHALL BE COMPLETED BY SIMPLEX, AND ALL FIRE ALARM SYSTEM WORK IS INCLUDED IN THE WORK OF THIS CONTRACT.

2. PROVIDE 3/4" MIN. EMT CONDUITS AND 4" X 4" MIN. JUNCTION BOXES FOR ALL CONCEALED FIRE ALARM WIRING TO SERVE DEVICES INDICATED ON THE DRAWINGS. WIRING SHALL BE CONCEALED WHEREVER POSSIBLE. ALL HORN/STROBE UNITS SHALL BE CEILING-MOUNTED. WHERE REQD., WIREWAYS EXPOSED ON EXIST. MASONRY WALLS SHALL BE WIREMOLD FACTORY-FINISHED WIREWAYS, WHITE COLOR, SUITABLE FOR FIELD PAINTING. ALL CONCEALED JUNCTION BOX COVERS SHALL BE IDENTIFIED "FA" WITH PERMANENT BLACK MARKER.

3. EXIST. FIRE ALARM COMPONENTS IN THE RENOVATED SPACES SHALL BE REMOVED. COMPONENTS TO BE REMOVED MAY BE RE-USED IN THE NEW DESIGN IF IN GOOD CONDITION AND IF THEY ARE COMPLIANT WITH CURRENT CODE REQUIREMENTS. EXIST. FIRE ALARM COMPONENTS INDICATED TO BE REMOVED AND NOT SUITABLE FOR RE-INSTALLATION SHALL BE TURNED OVER TO THE OWNER.

4. PROVIDE ALL REQD. TEMPORARY PROTECTIONS FOR EXIST. FIRE ALARM SYSTEM COMPONENTS UNTIL THE WORK IS COMPLETED AND ACCEPTED BY THE OWNER. REMOVE TEMPORARY COVERS FOR SMOKE & HEAT DETECTORS WHEN WORK IS NOT UNDERWAY & AT THE END OF EACH WORK DAY.

5. PROVIDE FACTORY-FINISHED WHITE TRIMS, WIREWAYS & JUNCTION BOX COVERS FOR ALL EXPOSED FIRE ALARM COMPONENTS.

6. ALL FIRE ALARM WORK SHALL COMPLY WITH NFPA 72, 2019 EDITION. PROVIDE ALL COMPONENTS & PROGRAMMING REQD. FOR A COMPLETE, CODE-COMPLIANT FIRE ALARM SYSTEM, INTEGRATED WITH THE EXIST. FIRE ALARM SYSTEM, WHETHER OR NOT THESE COMPONENTS ARE INDICATED ON THE DRAWINGS. STROBE UNITS SHALL BE PROGRAMMED TO FLASH SYNCHRONOUSLY.

7. THE BUILDING WILL BE OCCUPIED BY RADFORD UNIVERSITY PERSONNEL DURING THE ENTIRE PERIOD OF THE CONSTRUCTION. THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN OPERATIONAL AT ALL TIMES THROUGHOUT THE BUILDING OUTSIDE THE RENOVATION AREA, OR A FIRE WATCH SHALL BE PROVIDED AS REQUIRED BY NFPA 72. THE FIRE ALARM SYSTEM SHALL REMAIN OPERATIONAL AT ALL TIMES IN THE RENOVATION AREA, EXCEPT FOR BRIEF PERIODS WHEN WORK ON THE SYSTEM IS UNDERWAY.

SECTION 15100 - PLUMBING

1. SEE PLUMBING DRAWINGS FOR PLUMBING OUTLINE SPECIFICATIONS.

SECTION 15400 - HEATING, COOLING & VENTILATION

1. SEE MECHANICAL DRAWINGS FOR VENTILATION OUTLINE SPECIFICATIONS.

SECTION 16100 - ELECTRICAL

1. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL OUTLINE SPECIFICATIONS.

END OF OUTLINE SPECIFICATIONS

0 1 2 3 5
1/2" = 1'-0"

PROJECT CODE: 25-24190

COMMONWEALTH OF VIRGINIA
SHANE LARKIN
LIC. NO. 016372
04/01/2025
ARCHITECT

DATE
REVISIONS

OUTLINE SPECIFICATIONS

HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: SLL
DRAWN BY: SLL
CHECKED BY: TAA

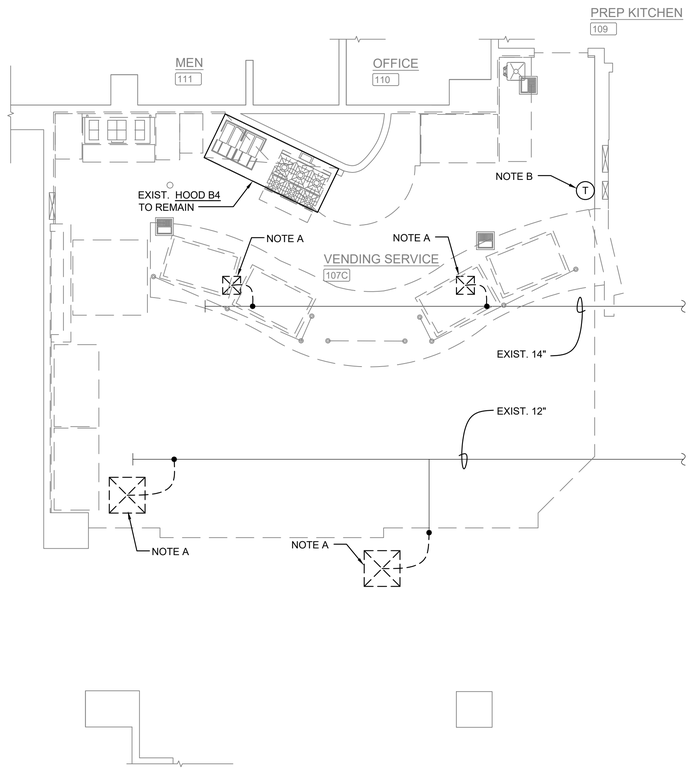
The Architects Alliance Inc.
Blacksburg, Virginia

PROJECT NO: 116584
DATE: 3/24/25

A7

DEMO NOTES THIS SHEET

A. REMOVE CEILING DIFFUSER AND FLEX DUCT. PREPARE RIGID DUCT FOR RECONNECTION.
B. PROTECT EXISTING THERMOSTAT DURING CONSTRUCTION.



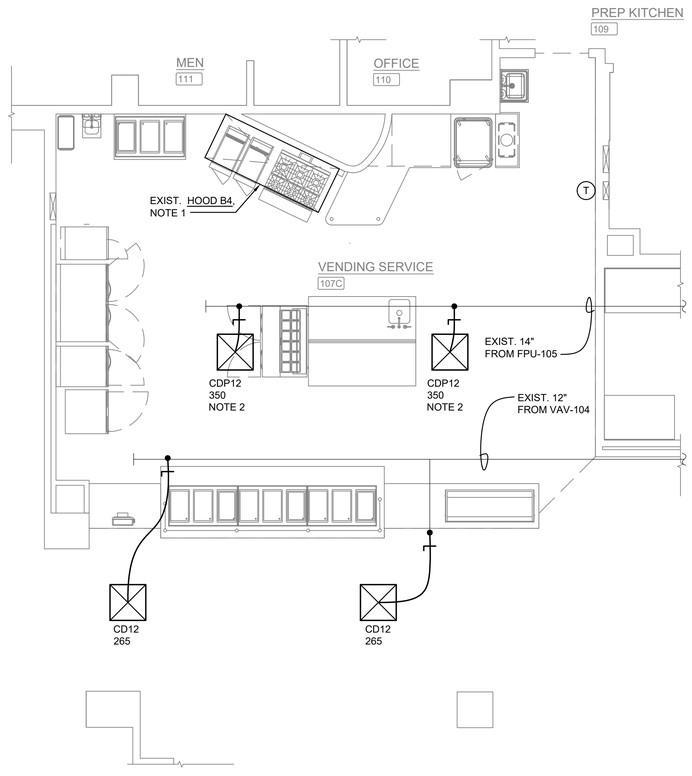
PLAN NORTH

PARTIAL FIRST FLOOR PLAN - MECHANICAL DEMOLITION

SCALE: 1/4" = 1'-0"

NOTES THIS SHEET

1. SEE KITCHEN HOOD EXHAUST SYSTEM NOTE ON SHEET M2.
2. PERFORATED CEILING DIFFUSER TO HAVE BLACK FINISH TO MATCH VENDING SERVICE AREA CEILING TILES.



PLAN NORTH

PARTIAL FIRST FLOOR PLAN - MECHANICAL

SCALE: 1/4" = 1'-0"

0 1 2 3 5 10

1/4" = 1'-0"

PROJECT CODE: 25-12490

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COMMONWEALTH OF VIRGINIA
JOHN M. MANN
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4-1-25
PROFESSIONAL ENGINEER

DATE
REVISIONS

PARTIAL FIRST FLOOR PLANS - MECHANICAL

HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: JMM
DRAWN BY: DAR
CHECKED BY: JMM

The Architects Alliance Inc.
Blacksburg, Virginia

PROJECT NO: 116584
DATE: 3/24/25

M1

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
– – – – – –	ITEM TO BE REMOVED
6"Ø	6" DIAMETER DUCT
CD12 250	12" CEILING SUPPLY DIFFUSER 250 CFM AIRFLOW
	PIPE OR DUCT TURNING DOWN
	CONNECT TO EXISTING DUCT
T	THERMOSTAT
	MANUAL VOLUME DAMPER
EXIST.	EXISTING
CD	CEILING SUPPLY DIFFUSER, LAY-IN CEILING
CDP	CEILING SUPPLY DIFFUSER, PERFORATED, SURFACE MOUNT

KITCHEN EXHAUST SYSTEM

PROVIDE COMPLETE AND OPERATIONAL KITCHEN EXHAUST SYSTEM WITH EXISTING AND NEW COMPONENTS AS SPECIFIED. EQUIPMENT SHALL INCLUDE EXISTING TYPE I KITCHEN HOOD, EXISTING ROOF EXHAUST FAN, MODIFIED SUPPRESSION SYSTEM, CONTROLS, AND ASSOCIATED DEVICES FOR A COMPLETE SYSTEM.

EXISTING HOOD-B4 (EXISTING): FOR REFERENCE, EXISTING HOOD IS 84" X30", 2100 CFM, CAPTIVEAIR BACKSHELF TYPE I, WITH FILTERS, LIGHTS, FIELD WRAPPER, AND WALL MOUNTED SUPPRESSION CONTROLLER/TANK.
EXISTING ROOF FAN EF-8, 2100 CFM.

CONTROLS AND SUPPRESSION SYSTEM: SYSTEM SHALL BE MODIFIED TO SERVE THE PROPOSED EQUIPMENT AND NEW EQUIPMENT LOCATIONS. PROVIDE CONTROLS TO INCLUDE POWER TRANSFORMER, RELAYS, SENSORS, WIRING, INTERLOCKS, AND SAFETIES.

PROVIDE AUTOMATIC FIRE SUPPRESSION SYSTEM IN ACCORDANCE WITH NFPA 96 AND VIRGINIA FIRE CODE. SYSTEM SHALL BE DESIGNED AND INSTALLED BY CERTIFIED PERSONNEL TO PROTECT HOOD AND INSTALLED COOKING EQUIPMENT. SUPPRESSION SYSTEM, FIXED PIPING, NOZZLES, AND HEADS SHALL PROVIDE COMPLETE COVERAGE FOR OWNER COOKING EQUIPMENT TYPE AND LAYOUT. PROVIDE PULL STATION AND CABLE SYSTEM FOR MANUAL ACTUATION OF THE SUPPRESSION SYSTEM. SYSTEM TO BE INSTALLED AND TESTED IN ACCORDANCE WITH UL 300.

HOODS, FANS, CONTROLS, SUPPRESSION, AND ACCESSORIES SHALL BE A COORDINATED SYSTEM FOR AN APPROVED SYSTEM. COORDINATE SUPPRESSION SYSTEM WITH SHUNT TRIP BREAKERS.

THOROUGHLY CLEAN ALL EXISTING AND RELOCATED COMPONENTS THAT ARE REUSED FOR THE EXHAUST SYSTEM, INCLUDING HOOD, FAN, DUCTWORK, AND ASSOCIATED ITEMS.

PERFORM GREASE DUCT LIGHT TEST AND AIRFLOW TESTING.

MECHANICAL OUTLINE SPECIFICATIONS

SECTION 15000

1. ALL WORK SHALL COMPLY WITH THE 2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE.
2. PROVIDE COMPLETE SUBMITTAL INFORMATION FOR EQUIPMENT AND DEVICES. SEE OUTLINE SPECIFICATION SECTION 01330.
3. RECORD ALL CHANGES IN THE WORK ON THE PROJECT RECORD DRAWINGS. SEE OUTLINE SPECIFICATION SECTION 01770.
4. PROVIDE DETAILED OPERATION AND MAINTENANCE MANUALS FOR ALL EQUIPMENT. SEE OUTLINE SPECIFICATION SECTION 01782.
5. MECHANICAL EQUIPMENT, MATERIALS AND LABOR SHALL INCLUDE A ONE YEAR WARRANTY.
6. DRAWINGS INDICATE GENERAL LAYOUT OF PIPING, DUCTWORK AND EQUIPMENT. THE CONTRACTOR SHALL INVESTIGATE ALL STRUCTURAL, ELECTRICAL AND FINISH CONDITIONS AFFECTING THE WORK AND SHALL ARRANGE THE MECHANICAL WORK ACCORDINGLY. PROVIDE ADDITIONAL FITTINGS, OFFSETS AND TRANSITIONS AS REQUIRED TO PROPERLY COMPLETE THE WORK, WHETHER OR NOT SUCH COMPONENTS ARE INDICATED ON THE DRAWINGS.
7. ALL WORK SHALL BE NEW AND IS INCLUDED IN THE CONTRACT UNLESS SPECIFICALLY NOTED TO BE EXISTING OR NOT IN CONTRACT.
8. FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BID, FABRICATION OR ORDERING OF EQUIPMENT.
9. MOST EXISTING DUCTWORK AND PIPING IS NOT SHOWN ON THESE DRAWINGS. WHERE EXISTING DUCTWORK AND PIPING IS SHOWN, IT IS FOR INFORMATION PURPOSES AND IS BASED ON EXISTING DRAWINGS. VERIFY EXISTING CONSTRUCTION IN THE FIELD PRIOR TO BIDDING AND CONSTRUCTION. IF EXISTING DUCTWORK OR PIPING ARE SMALLER THAN INDICATED SIZE, NOTIFY THE A/E IMMEDIATELY.
10. THE EXISTING BUILDING WILL BE OCCUPIED DURING THE ENTIRE PERIOD OF CONSTRUCTION. COORDINATE ALL WORK WITH THE OWNER IN ORDER TO MINIMIZE DISRUPTION OF THE USE OF THE EXISTING BUILDING. SEE OUTLINE SPECIFICATION SECTION 01000 FOR PHASING OF THE WORK AND ADDITIONAL LIMITATIONS ON WORK HOURS AND ACCESS.
11. SEE OUTLINE SPECIFICATION SECTION 02220 FOR ADDITIONAL INFORMATION PERTAINING TO DEMOLITION.
12. SEAL ALL DUCTS IN THE AREA OF WORK FOR THE DURATION OF THE WORK SO THAT NO FOREIGN MATERIAL WILL ENTER THE HVAC SYSTEM.
13. IN ADDITION TO DEMOLITION WORK INDICATED, PROVIDE MISCELLANEOUS SELECTIVE DEMOLITION OF EXISTING CONSTRUCTION AS REQUIRED FOR PROPER INSTALLATION OF THE PROPOSED CONSTRUCTION. REMOVE ALL COMPONENTS WHICH ARE NOT REQUIRED FOR THE PROPOSED CONSTRUCTION, INCLUDING HANGERS, ANCHORS, MOUNTING BRACKETS, AND OTHER MISCELLANEOUS COMPONENTS. THESE DRAWINGS DO NOT PURPORT TO SHOW ALL MISCELLANEOUS DEMOLITION.
14. SEE SHEET T1 FOR IMPORTANT NOTES PERTAINING TO ASBESTOS-CONTAINING AND LEAD-CONTAINING MATERIALS.
15. CONFIRM LOCATION OF EXISTING AND NEW ELECTRICAL PANELBOARDS. PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELBOARDS.
16. COORDINATE ALL WORK WITH FIRE RATED ASSEMBLIES. PROVIDE FIRESTOPPING AT PENETRATIONS OF RATED ASSEMBLIES AND AT FLOORS. FIRESTOP ALL DUCT AND PIPE PENETRATIONS OF FLOOR SLABS AS SPECIFIED ON THE ARCHITECTURAL DRAWINGS. ALL MATERIALS LOCATED IN RETURN AIR PLENUMS SHALL BE LISTED FOR INSTALLATION IN PLENUMS. SEE OUTLINE SPECIFICATION SECTION 07840.
17. COORDINATE INSTALLATION OF EQUIPMENT AND OTHER DEVICES TO PROVIDE ACCESS FOR SERVICING.
18. PROVIDE ALL MISCELLANEOUS COMPONENTS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, WHETHER OR NOT THESE COMPONENTS ARE SPECIFIED HEREIN.
19. METAL ACCESS DOORS SHALL BE PROVIDED AS REQUIRED FOR ALL COMPONENTS REQUIRING ACCESS. COORDINATE LOCATIONS WHERE ACCESS DOORS WILL BE REQUIRED FOR VALVES, DAMPERS, SENSORS OR OTHER DEVICES. SEE OUTLINE SPECIFICATION SECTION 08310.
20. THE DESIGN SHOWN IS BASED ON THE MANUFACTURERS AND MODELS SCHEDULED AND IS INTENDED ONLY TO SHOW THE GENERAL SIZE, CONFIGURATION, LOCATION, CONNECTIONS AND/OR SUPPORT FOR EQUIPMENT OR SYSTEMS SPECIFIED WITH RELATION TO THE OTHER BUILDING SYSTEMS.
21. DUCTWORK SHALL BE INSTALLED TO PERMIT THE INSTALLATION OF CEILINGS AND LIGHT FIXTURES AT THE INDICATED HEIGHTS. REFER TO ARCHITECTURAL AND ELECTRICAL DRAWINGS FOR COORDINATION.
22. GALVANIZED SHEET METAL DUCTWORK CONSTRUCTION AND SUPPORT SHALL COMPLY WITH SMACNA STANDARDS. PROVIDE TURNING VANES OR LONG RADIUS ELBOWS AND MANUAL DAMPERS FOR BALANCING. AT EACH TAKEOFF TO A REGISTER, PROVIDE LOW-LOSS CONICAL OR TAPERED 45 DEGREE RECTANGULAR BRANCH TAKEOFF WITH MANUAL DAMPER. MANUAL VOLUME DAMPER TO HAVE LOCKING HANDLE WITH EXTENDED SHAFT AND STANDOFF FOR INSULATION THICKNESS. DUCTS SHALL BE FASTENED AND SEALED PER MECHANICAL CODE AND ENERGY CODE FOR 2.0 INCHES STATIC PRESSURE AND SMACNA SEAL CLASS A.
23. INSULATE ALL SUPPLY AND RETURN DUCTWORK. SEAL ALL INSULATION JOINTS VAPOR TIGHT. INSULATE WITH FIBERGLASS DUCT WRAP WITH ALL SERVICE VAPOR BARRIER JACKET. FLAME SPREAD/SMOKE DEVELOPED INDEX OF 25/50 MAXIMUM, K-VALUE OF 0.36, MINIMUM INSTALLED R6.
24. PROVIDE INSULATED DUCT ACCESS DOOR FOR ALL COMPONENTS REQUIRING SERVICE OR MONITORING.
25. FLEXIBLE DUCTS SHALL HAVE STEEL WIRE HELIX REINFORCEMENT, CONTINUOUS INNER LINER, R6 FIBERGLASS INSULATION AND OUTER JACKET TO COMPLY WITH UL 181, CLASS 1. DIAMETER OF FLEX DUCT SHALL MATCH DIFFUSER INLET SIZE. SUPPORT EVERY FOUR FEET WITH MAXIMUM OF 1" SAG. MAXIMUM LENGTH IS EIGHT FEET.
26. GRILLES, REGISTERS, AND DIFFUSERS BY METALAIRE, PRICE, OR KRUEGER. CEILING DIFFUSERS LAY-IN (CD) AND CEILING DIFFUSERS SURFACE/DUCT MOUNT (CDS) TO HAVE FLUSH FACE LOUVERS, EXTRUDED ALUMINUM WITH ALUMINUM DAMPER, METAL AIRE 5000 SERIES. FOUR WAY THROW UNLESS INDICATED OTHERWISE. CEILING DIFFUSERS PERFORATED (CDP) TO BE PERFORATED FACE WITH CURVED BLADE PATTERN CONTROLLERS, EXTRUDED ALUMINUM WITH ALUMINUM DAMPER, METAL AIRE MODEL 7000 FOR LAY-IN CEILING. PROVIDE PERFORATED DIFFUSER WITH BLACK FINISH TO MATCH CEILING TILES. LOCATE DIFFUSERS AND DIRECT AIRFLOW AWAY FROM HOODS.
27. PROVIDE IDENTIFICATION MARKINGS FOR EQUIPMENT, PIPING AND CONTROLS. NAMEPLATES SHALL BE PLASTIC LAMINATE WITH 1/4" LETTERS.
28. AT COMPLETION OF NEW WORK, TEST AND BALANCE ALL NEW AND EXISTING EQUIPMENT FOR PROPER OPERATION, AIRFLOW, PRESSURES, CAPACITY, ACCEPTABLE SPACE TEMPERATURES AND NOISE LEVELS. AS A MINIMUM, INCLUDE EXISTING FPU-105 (2190 CFM), VAV-104 (795 CFM), HOOD-B4, EF-8, AND ALL INLETS AND OUTLETS. PERFORM TAB AND RECORD RESULTS PER AABC OR NEBB STANDARDS AND SUBMIT REPORT FOR REVIEW. INDEPENDENT CERTIFIED TAB CONTRACTOR SHALL BE USED.
29. START-UP EQUIPMENT AND PERFORM FUNCTIONAL TEST IN ALL OPERATING MODES. PROGRAM CONTROLS AND INSTRUCT OWNER'S MAINTENANCE PERSONNEL ON THE OPERATION OF EQUIPMENT AND CONTROLS.

0 1 2 3 5 10

1/4" = 1'-0"

PROJECT CODE: 25-12490

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COMMONWEALTH OF VIRGINIA
JOHN M. MANN
Lic. No. 21023
4-1-25
PROFESSIONAL ENGINEER

DATE

REVISIONS

SCHEDULES & SPECIFICATIONS - MECHANICAL

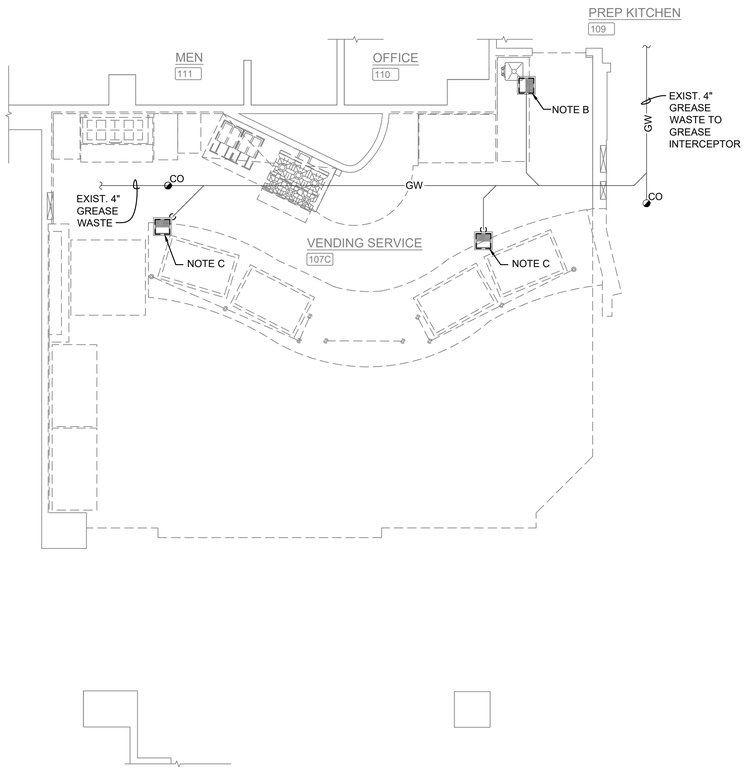
HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: JMM
DRAWN BY: DAR
CHECKED BY: JMM

The Architects Alliance Inc.
Blacksburg, Virginia

PROJECT NO: 116584
DATE: 3/24/25

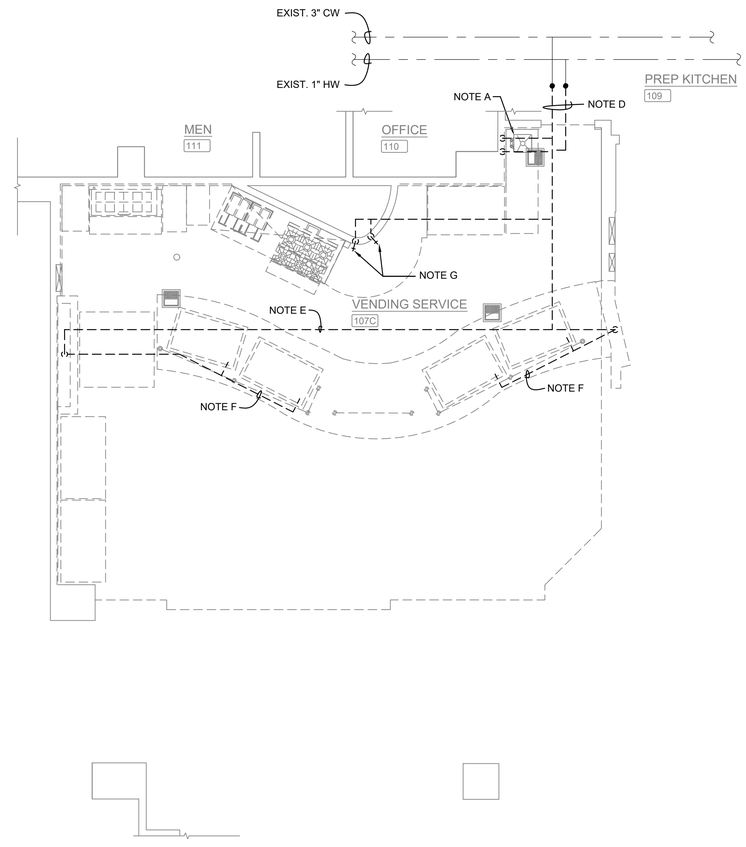
M2



PLAN NORTH

PARTIAL FIRST FLOOR PLAN - PLUMBING DEMOLITION - SANITARY

SCALE: 1/4" = 1'-0"



PLAN NORTH

PARTIAL FIRST FLOOR PLAN - PLUMBING DEMOLITION - WATER

SCALE: 1/4" = 1'-0"

DEMO NOTES THIS SHEET

A. REMOVE HAND SINK AND PIPING CONNECTIONS. PREPARE FOR NEW SINK IN SIMILAR LOCATION.
B. REMOVE FLOOR SINK AND PREPARE FOR NEW DRAIN CONNECTION.
C. REMOVE FLOOR SINK AND P-TRAP. PREPARE FOR NEW FLOOR DRAIN.
D. REMOVE COLD WATER AND HOT WATER BRANCH LINES AND VALVES.
E. REMOVE COLD WATER DISTRIBUTION PIPING ABOVE CEILING.
F. REMOVE COLD WATER PIPING IN CASEWORK AND DISCONNECT FROM HOT/COLD WELLS .
G. REMOVE WATER PIPING AND FAUCET.

0 1 2 3 5 10

1/4" = 1'-0"

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REVISIONS

PARTIAL FIRST FLOOR PLANS - PLUMBING DEMOLITION

HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: JMM
DRAWN BY: DAR
CHECKED BY: JMM

The Architects Alliance Inc.
Blacksburg, Virginia

PROJECT NO: 116584
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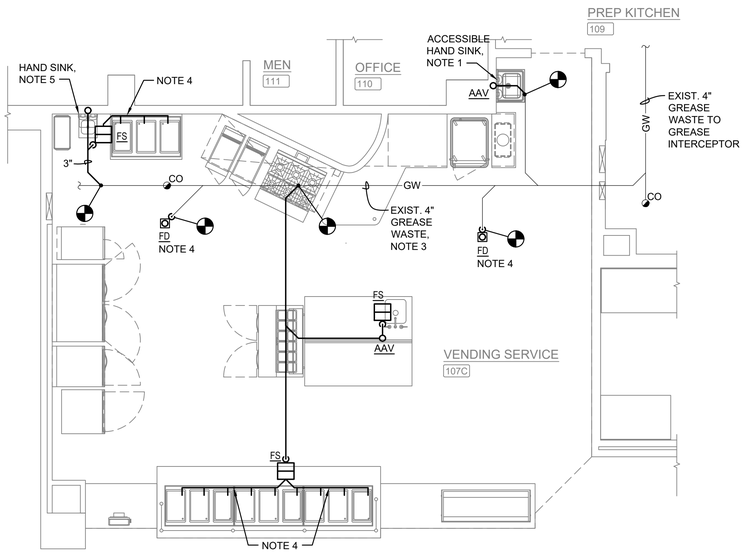
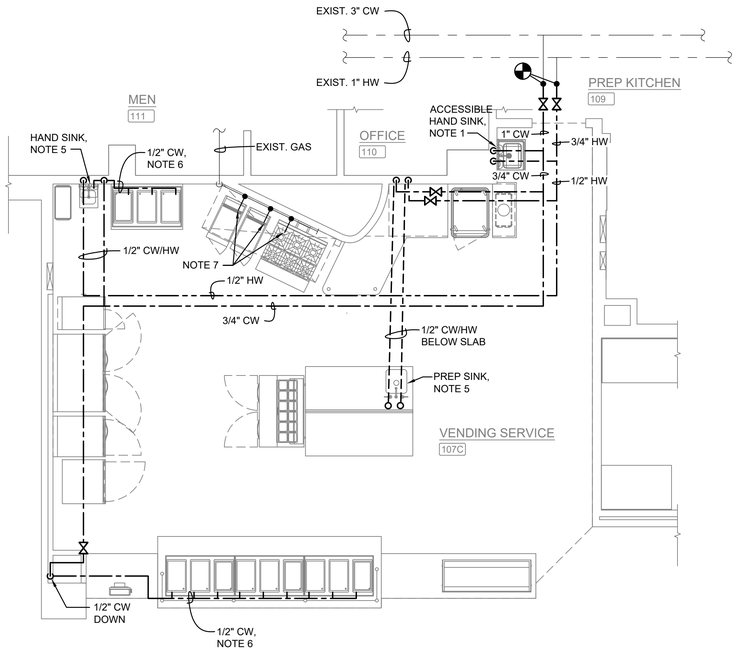
PD1



PLAN NORTH

PARTIAL FIRST FLOOR PLAN - SANITARY PIPING

SCALE: 1/4" = 1'-0"



PLAN NORTH

PARTIAL FIRST FLOOR PLAN - WATER PIPING

SCALE: 1/4" = 1'-0"

NOTES THIS SHEET

1. INSTALL NEW HAND SINK WHERE EXISTING SINK WAS REMOVED. MODIFY PIPING IN WALL AND PROVIDE NEW STOPS, SUPPLIES, AND TRIM FOR NEW SINK.
2. CLEAN EXISTING FLOOR SINK, SNAKE WASTE PIPE AND VERIFY FLOW. PROVIDE NEW HALF-GRATE.
3. VERIFY LOCATION OF EXISTING UNDERSLAB GREASE WASTE PIPING PRIOR TO SAWCUTTING. EXISTING LOCATIONS SHOWN ON THESE DRAWINGS ARE ESTIMATIONS BASED ON ORIGINAL DRAWINGS AND ARE NOT CONFIRMED.
4. CONNECT TO HOT/COLD WELL DRAIN AND ROUTE 1-1/4" DRAIN TO FLOOR SINK.
5. CONNECT CW, HW, DRAIN, AND VENT PIPE FOR NEW SINK. CONNECT VENT TO 1-1/2" VENT ABOVE CEILING IN ADJACENT MENS ROOM.
6. ROUTE COLD WATER PIPING IN CASEWORK AND CONNECT TO HOT/COLD WELLS.
7. PROVIDE NEW FLEXIBLE GAS APPLIANCE CONNECTOR FROM EXISTING GAS PIPE TO COOKING EQUIPMENT.

0 1 2 3 5 10

1/4" = 1'-0"

PROJECT CODE: 25-12490

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REVISIONS

PARTIAL FIRST FLOOR PLANS - PLUMBING

HURLBURT HALL HISSHO SUSHI RENOVATION
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P1

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	FIXTURE WASTE	VENT	C.W.	H.W.	MANUFACTURER	MODEL	CATALOG NO.	REMARKS	MTG HGT
FD	FLOOR DRAIN	2"	1-1/2"	---	---	JOSAM	---	30000-A	CAST IRON BODY WITH ROUND NICKALOY TOP. INSTALL WITH P-TRAP.	---
FS	FLOOR SINK	3"	2"	---	---	JOSAM	---	49300 (8"x8")	CAST IRON FLOOR SINK FOR INDIRECT DRAINS. INSTALL WITH P-TRAP. PROVIDE WITH 1/2 NICKALOY GRATE WHERE FLOOR SINK IS UNDER EQUIPMENT AND FULL GRATE WHERE FLOOR SINK IS IN WALKING PATH.	---
S-1	SS WALL HAND SINK	2"	1-1/2"	1/2"	1/2	EAGLE	-	HSAN-10	WALL MOUNT HAND SINK, SIDE SPLASH GUARDS, 18 GAUGE STAINLESS STEEL. FAUCET BY TOTO MODEL TEL165-C20E#CP, #THP3094 NOZZLE, BACKSPLASH MOUNT, GOOSENECK, ECOPOWER SENSOR FAUCET, 1.0 GPM AERATOR. ANGLE SUPPLIES & STOPS.	34" TO RIM
S-2	SS WALL HAND SINK ACCESSIBLE	2"	1-1/2"	1/2"	1/2	JUST	-	A33338	WALL MOUNT ACCESSIBLE HAND SINK, 22"X19"X5.5", 18 GAUGE STAINLESS STEEL, ADA COMPLIANT. FAUCET BY TOTO MODEL TEL151-D10E#CP, DECK MOUNT, GOOSENECK, ECOPOWER SENSOR FAUCET, 1.0 GPM AERATOR. PROTECTIVE WASTE & WATER PIPE INSULATION. ANGLE SUPPLIES & STOPS.	34" TO RIM
-	SS PREP TABLE WITH SINK	2" INDIRECT	1-1/2"	1/2"	1/2	-	-	-	PREP TABLE WITH SINK AND FAUCET PROVIDED BY UNIVERSITY. PLUMBING CONTRACTOR TO PROVIDE ALL TRIM AND MAKE CONNECTIONS.	34" TO RIM

FIXTURE SCHEDULE NOTES:

1. FOR HAND SINKS, PROVIDE THERMOSTATIC MIXING VALVE SET AT 109°F MAX., ASSE 1070. MOUNTED BELOW FIXTURE. MOUNT HIGH UNDER LAVATORY OR SINK TO CONCEAL FROM VIEW.
2. FLOOR DRAIN AND FLOOR SINK BY JOSAM, JR SMITH, OR ZURN.
3. ALL FIXTURES, FAUCETS, ACCESSORIES, AND TRIM FURNISHED AND INSTALLED BY CONTRACTOR.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER PIPING, CW
	DOMESTIC HOT WATER PIPING, HW
	DOMESTIC HOT WATER RECIRCULATING, HWR
	SANITARY PIPING
GW	GREASE WASTE PIPING
	VENT PIPING
	PIPE TURN DOWN
	PIPE TURN UP
	ISOLATION VALVE
EXIST.	EXISTING
W	SANITARY WASTE PIPING
V	SANITARY VENT PIPING
VTR	VENT THRU ROOF
WCO	WALL CLEANOUT
CO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
	CONNECT TO EXISTING

KITCHEN EQUIPMENT

COORDINATE WITH OWNER KITCHEN EQUIPMENT AND MAKE WATER, WASTE, AND VENT PIPE CONNECTIONS. COORDINATE LOCATIONS, DIMENSIONS, CONNECTION SIZES AND DETAILS WITH EQUIPMENT INSTALLATION INSTRUCTIONS.

SEE OWNER EQUIPMENT DRAWINGS FOR EQUIPMENT IDENTIFICATION AND PLUMBING SCHEDULE INDICATING EQUIPMENT CONNECTIONS. PLUMBER SHALL PROVIDE DEVICES SUCH AS STOPS, RISERS, THERMOSTATIC MIXING VALVES, TRAPS, PRESSURE REDUCING VALVES, FITTINGS, AND OTHER PLUMBING ACCESSORIES FOR A COMPLETE INSTALLATION OF KITCHEN EQUIPMENT.

PLUMBER SHALL PROVIDE BACKFLOW PROTECTION FROM CROSS CONTAMINATION AT CONNECTIONS OF KITCHEN EQUIPMENT WHERE REQUIRED. PROVIDE INDIRECT DRAIN WITH AIR GAP TO FLOOR SINKS/DRAINS FOR FOOD-HANDLING EQUIPMENT, DISHWASHERS, AND SINKS.

PLUMBING OUTLINE SPECIFICATIONS

1. ALL WORK SHALL COMPLY WITH THE 2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE.
2. PROVIDE COMPLETE SUBMITTAL INFORMATION FOR FIXTURES, EQUIPMENT AND DEVICES. SEE OUTLINE SPECIFICATION SECTION 01330.
3. RECORD ALL CHANGES IN THE WORK ON THE PROJECT RECORD DRAWINGS. SEE OUTLINE SPECIFICATION SECTION 01770.
4. PROVIDE DETAILED OPERATION AND MAINTENANCE MANUALS FOR ALL EQUIPMENT. SEE OUTLINE SPECIFICATION SECTION 01782.
5. PLUMBING EQUIPMENT, MATERIALS AND LABOR SHALL INCLUDE A ONE YEAR WARRANTY.
6. DRAWINGS INDICATE GENERAL LAYOUT OF PIPING AND EQUIPMENT. COORDINATE INSTALLATION WITH OTHER TRADES AND PROVIDE ADDITIONAL FITTINGS, OFFSETS AND TRANSITIONS AS REQUIRED. SEE ARCHITECTURAL DRAWINGS FOR CRITICAL INSTALLATION DIMENSIONS.
7. ALL WORK SHALL BE NEW AND IS INCLUDED IN THE CONTRACT UNLESS SPECIFICALLY NOTED TO BE EXISTING OR N.I.C. (NOT IN CONTRACT) OR BY OWNER.
8. FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BID, FABRICATION OR ORDERING OF EQUIPMENT. VERIFY SITE CONDITIONS INCLUDING LOCATION FOR CONNECTIONS OF WATER AND SANITARY WASTE PIPING.
9. MOST EXISTING PIPING IS NOT SHOWN ON THESE DRAWINGS. WHERE EXISTING PIPING IS SHOWN, IT IS FOR INFORMATION PURPOSES AND IS BASED ON EXISTING DRAWINGS. VERIFY EXISTING CONSTRUCTION IN THE FIELD PRIOR TO BIDDING AND CONSTRUCTION. IF EXISTING PIPES ARE SMALLER THAN INDICATED SIZE, NOTIFY THE A/E IMMEDIATELY.
10. THE EXISTING BUILDING WILL BE OCCUPIED DURING THE ENTIRE PERIOD OF CONSTRUCTION. COORDINATE ALL WORK WITH THE OWNER IN ORDER TO MINIMIZE DISRUPTION OF THE USE OF THE EXISTING BUILDING. SEE OUTLINE SPECIFICATION SECTION 01000 FOR ADDITIONAL LIMITATIONS ON WORK HOURS AND ACCESS.
11. SEE OUTLINE SPECIFICATION SECTION 02220 AND DEMOLITION NOTES ON ARCHITECTURAL SHEETS FOR ADDITIONAL INFORMATION PERTAINING TO DEMOLITION.
12. IN ADDITION TO DEMOLITION WORK INDICATED, PROVIDE MISCELLANEOUS SELECTIVE DEMOLITION OF EXISTING CONSTRUCTION AS REQUIRED FOR PROPER INSTALLATION OF THE PROPOSED CONSTRUCTION. REMOVE ALL COMPONENTS WHICH ARE NOT REQUIRED FOR THE PROPOSED CONSTRUCTION INCLUDING HANGERS, ANCHORS, MOUNTING BRACKETS, AND OTHER MISCELLANEOUS COMPONENTS. THESE DRAWINGS DO NOT PURPORT TO SHOW ALL MISCELLANEOUS DEMOLITION.
13. SEE SHEET T1 FOR IMPORTANT NOTES PERTAINING TO ASBESTOS-CONTAINING AND LEAD-CONTAINING MATERIALS.
14. CONFIRM LOCATION OF EXISTING AND NEW ELECTRICAL PANELBOARDS. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELBOARDS.
15. COORDINATE ALL WORK WITH FIRE RATED ASSEMBLIES. PROVIDE FIRESTOPPING AT PENETRATIONS OF RATED ASSEMBLIES AND AT FLOORS. FIRESTOP ALL DUCT AND PIPE PENETRATIONS OF FLOOR SLABS AS SPECIFIED ON THE ARCHITECTURAL DRAWINGS.. ALL MATERIALS LOCATED IN RETURN AIR PLENUMS SHALL BE LISTED FOR INSTALLATION IN PLENUMS. SEE OUTLINE SPECIFICATION SECTION 07840.
16. COORDINATE INSTALLATION OF EQUIPMENT AND OTHER DEVICES TO PROVIDE ACCESS FOR SERVICING.
17. PROVIDE ALL MISCELLANEOUS COMPONENTS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, WHETHER OR NOT THESE COMPONENTS ARE SPECIFIED HEREIN.
18. MOUNT ALL EQUIPMENT PLUMB AND LEVEL WITH SUBSTANTIAL FASTENERS SUITABLE FOR THE LOAD. ALL COMPONENTS SHALL BE RIGIDLY ANCHORED FOR LONG LIFE UNDER HARD USE.
19. METAL ACCESS DOORS SHALL BE PROVIDED AS REQUIRED FOR ALL COMPONENTS REQUIRING ACCESS. COORDINATE LOCATIONS WHERE ACCESS DOORS WILL BE REQUIRED FOR CLEANOUTS, VALVES, SHOCK ARRESTORS OR OTHER DEVICES. SEE OUTLINE SPECIFICATION SECTION 08310.
20. THE DESIGN SHOWN IS BASED ON THE MANUFACTURERS AND MODELS SCHEDULED AND IS INTENDED ONLY TO SHOW THE GENERAL SIZE, CONFIGURATION, LOCATION, CONNECTIONS AND/OR SUPPORT FOR EQUIPMENT OR SYSTEMS SPECIFIED WITH RELATION TO THE OTHER BUILDING SYSTEMS.
21. PROVIDE SLEEVES FOR ALL PIPE PENETRATIONS IN MASONRY WALLS AND CONCRETE. ANCHOR SLEEVES TO ADJACENT STRUCTURE.
22. INSTALL PIPING AND PIPE HANGERS PER ASME B31.9. SUPPORT PIPING AND SPACE HANGERS IN ACCORDANCE WITH VIRGINIA PLUMBING CODE, TABLE 308.5. PROVIDE PIPE INSULATION SHIELDS AND RIGID INSERTS TO PROTECT INSULATED PIPING.
23. WATER PIPING, ABOVE GROUND: COPPER, TYPE L, ASTM B 88M, SOLDER FITTINGS. FLUSH CLEAN AND DISINFECT. PIPING BELOW SLAB SHALL BE COPPER, TYPE K.
24. SANITARY WASTE AND VENT PIPING: SCHEDULE 40 PVC, DWV, ASTM D2665. FITTINGS SHALL BE PVC WITH SOLVENT WELD JOINTS WITH ASTM D 2564 SOLVENT CEMENT. PROVIDE TRANSITIONS AND FITTINGS TO CONNECT TO EXISTING PIPING.
25. INSTALL ALL PIPING ABOVE CEILINGS AS HIGH AS POSSIBLE. COORDINATE PIPING WITH DUCTS & ELECTRICAL WORK TO PERMIT INSTALLATION OF THE SUSPENDED CEILINGS AT THE SPECIFIED HEIGHTS. RELOCATE EXIST. PIPING AS REQUIRED FOR INSTALLATION OF THE SUSPENDED CEILINGS AT THE SPECIFIED HEIGHTS. ALL PIPING SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS.
26. INSTALL CLEANOUTS IN ACCORDANCE WITH VIRGINIA PLUMBING CODE. CLEANOUTS SHALL BE SAME MATERIAL AS DRAIN PIPING. LOCATE AT CHANGES OF DIRECTION GREATER THAN 45 DEGREES IN HORIZONTAL RUNS.
27. ISOLATION VALVES FOR WATER PIPING SHALL BE QUARTER TURN BALL VALVES, MSS SP-110, CLASS 150 WITH LEVER HANDLE AND THREADED ENDS. SOLDERED ENDS SHALL NOT BE USED.
28. PROVIDE ASSE 1072 SURESEAL TRAP SEALER IN ALL FLOOR DRAINS AND HUB DRAINS.
29. WATER HAMMER ARRESTERS: ASSE 1010, INSTALLED WHERE INDICATED AND IN LOCATION CONCEALED FROM PUBLIC VIEW. PROVIDE ACCESS TO WATER HAMMER ARRESTER.
30. AIR ADMITTANCE VALVES PER ASSE 1051 AND INSTALLED IN AN ACCESSIBLE AND VENTILATED LOCATION FOR PROPER OPERATION. LOCATE A MINIMUM OF 4" ABOVE FIXTURE DRAIN. AAV TO BE UL LISTED WHEN INSTALLED IN A RETURN AIR PLENUM.
31. INSULATE ALL NEW WATER PIPING WITH FIBERGLASS PIPE WRAP WITH ALL SERVICE VAPOR BARRIER JACKET. REPAIR EXISTING PIPE INSULATION WHERE DAMAGED DURING THIS PROJECT. FLAME SPREAD/SMOKE DEVELOPED INDEX OF 25/50 MAXIMUM, K-VALUE OF 0.24. MINIMUM THICKNESS OF 1" THICKNESS FOR HOT WATER AND 1/2" FOR COLD WATER AND FILTERED WATER. SEAL WATER PIPE INSULATION WITH VAPOR BARRIER MASTIC. PROVIDE PIPE INSULATION SHIELDS AND RIGID INSERTS TO PROTECT INSULATED PIPING. INSULATION SHALL BE CONTINUOUS AT HANGERS.
32. PLUMBING FIXTURES SHALL BE VITREOUS CHINA OR STAINLESS STEEL AS INDICATED AND SHALL BE IN COMPLIANCE WITH ASME 112.18, ASME A112.19.2 AND ANSI A117.1, AND MEET ADA REQUIREMENTS WHERE REQUIRED. INSTALL PER MANUFACTURER'S INSTRUCTIONS. FURNISH AND INSTALL FIXTURES COMPLETE WITH ALL TRIM INCLUDING SUPPLIES, CHROME ESCUTCHEONS, WASTE AND VENT CONNECTIONS, FITTINGS, CARRIERS, HANGERS AND SUPPORTS, BOLT CAPS, FAUCETS, VALVES AND TRAPS. ALL TRIM SHALL BE BRASS WITH POLISHED CHROME FINISH. TRAPS SHALL BE 17 GAUGE WITH CLEANOUT PLUG.
33. WATER SUPPLY TO FIXTURES TO INCLUDE CHROME ESCUTCHEONS, ANGLE SUPPLY VALVE WITH QUARTER-TURN LOOSE KEY. FLEXIBLE SUPPLIES TO BE CHROME PLATED COPPER TUBE RISERS OR BRAIDED STAINLESS STEEL.
34. PROVIDE CHROME ESCUTCHEONS AT PIPE PENETRATIONS OF WALLS AND FLOORS.
35. LABEL WATER PIPES PER ASME A13.1. LABEL DIRECTION OF FLOW.
36. VERIFY AND DEMONSTRATE TO OWNER THE OPERATION OF ALL EQUIPMENT AND CONTROLS.
37. PERFORM TESTING OF WATER, SANITARY, AND VENT PIPES PER VIRGINIA PLUMBING CODE. DISINFECT WATER PIPING PER LOCAL HEALTH DEPARTMENT REQUIREMENTS. PROVIDE ALL NECESSARY TESTS AND COORDINATE INSPECTIONS AND APPROVAL PER UNIVERSITY AND STATE REQUIREMENTS.

SPRINKLER OUTLINE SPECIFICATIONS

SECTION 13925

1. MODIFY EXISTING WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 AND VUSBC.
2. COORDINATE LOCATION OF PIPES AND HEADS WITH THE ARCHITECTURAL DRAWINGS, REFLECTED CEILING PLANS, EXISTING CONDITIONS AND OTHER TRADES. ATTENTION MUST BE GIVEN TO MAINTAINING CEILING HEIGHTS AND APPEARANCE IN FINISHED SPACES.
3. REMOVE ALL SPRINKLER HEADS AND BRANCH PIPING NOT REQUIRED FOR PROPOSED LAYOUT.
4. RELOCATE EXISTING HEADS AND PROVIDE NEW HEADS AS REQUIRED FOR COMPLETE COVERAGE OF THE NEW FLOOR PLAN. SEE THE REFLECTED CEILING PLANS ON THE ARCHITECTURAL DRAWINGS FOR EXISTING HEAD LOCATIONS AND COORDINATION WITH PROPOSED LIGHTS AND DIFFUSERS. PROVIDE PIPING, FITTINGS, OFFSETS AND TRANSITIONS AS REQUIRED.
5. IN SPACES WITH FINISHED CEILINGS, SPRINKLER HEADS SHALL BE PARTIALLY RECESSED WITH CHROME FINISH, CENTERED IN CEILING TILES, TO MATCH EXISTING IN APPEARANCE. IN SPACES WITHOUT CEILINGS, SPRINKLER HEADS SHALL BE UPRIGHT TYPE. RELOCATE EXISTING SPRINKLER PIPING AS REQUIRED TO AVOID INTERFERENCES WITH PROPOSED PARTITIONS, DUCTWORK AND OTHER EQUIPMENT, AND RELOCATE AS REQUIRED TO PERMIT INSTALLATION OF THE PROPOSED CEILINGS AT THE SPECIFIED ELEVATIONS.
6. SUBMIT SHOP DRAWINGS AND HYDRAULIC CALCULATIONS FOR REVIEW. INCLUDE PIPE SCHEDULES, DETAILED PIPE LAYOUT AND PRODUCT DATA. SUBMITTAL SHALL BE DESIGNED AND SEALED BY A CERTIFIED NICET LEVEL III OR IV DESIGNER.
7. COMPLY WITH OUTLINE SPECIFICATION SECTION 01330.

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0 1 2 3 5 10

1/4" = 1'-0"

PROJECT CODE: 25-12490

COMMONWEALTH OF VIRGINIA
JOHN M. MANN
Lic. No. 21023
4-1-25
PROFESSIONAL ENGINEER

DATE

REVISIONS

SCHEDULES & SPECIFICATIONS - PLUMBING

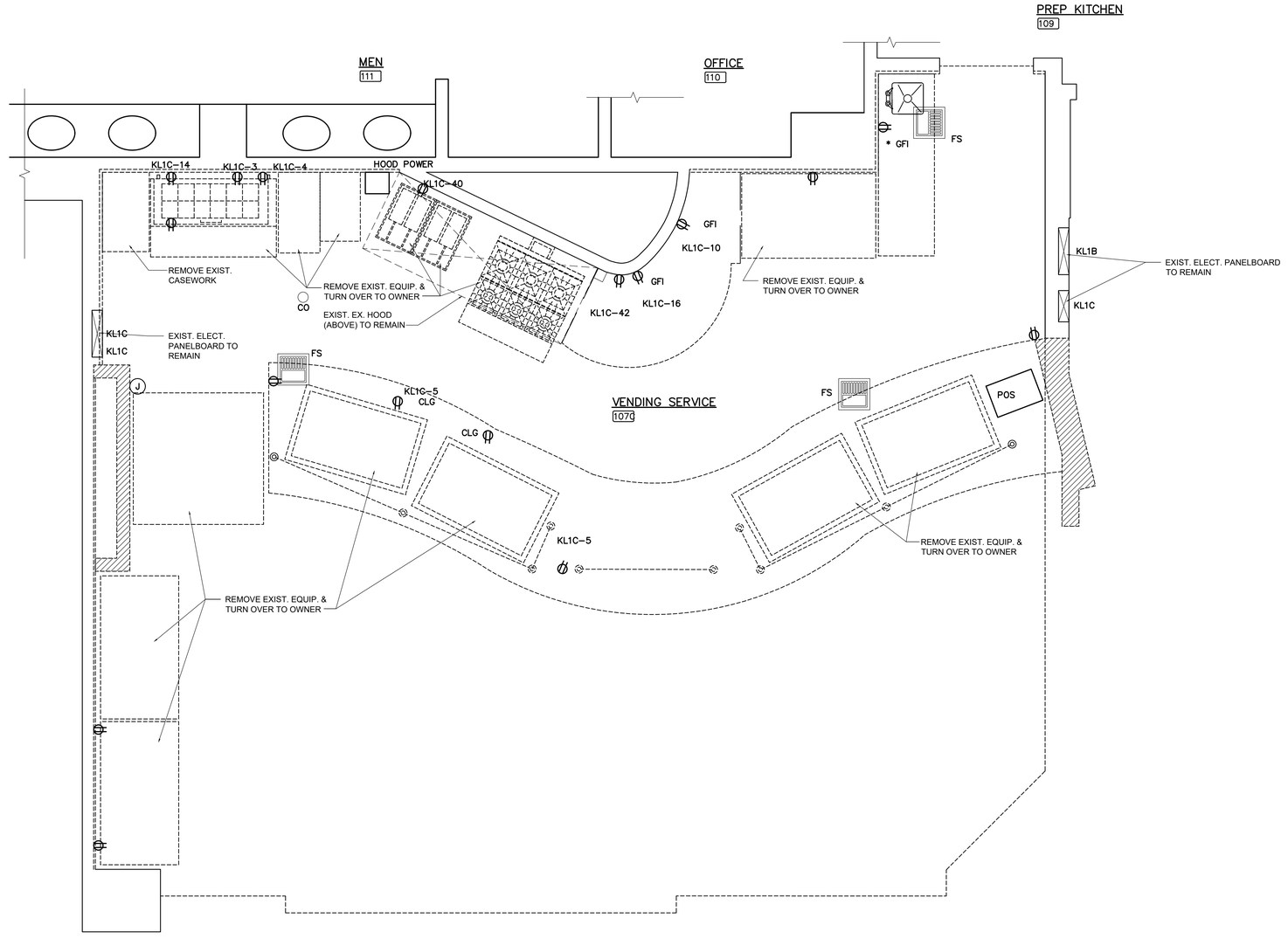
HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: JMM
DRAWN BY: DAR
CHECKED BY: JMM

The Architects Alliance Inc.
Blacksburg, Virginia

PROJECT NO: 116584
DATE: 3/24/25

P2



DEMOLITION PLAN LEGEND

- EXIST. WALL TO REMAIN
- EXIST. MTL. STUD & GYP. BD. PARTITION TO BE REMOVED
- ITEMS TO BE REMOVED SHOWN DASHED
- 000 — ROOM NUMBER
- FS FD — FLOOR DRAIN OR FLOOR SINK
- CO — PLUMBING CLEANOUT

DEMOLITION NOTES:

1. DRAWINGS ARE BASED ON ORIGINAL BUILDING DRAWINGS & APPROXIMATE FIELD MEASUREMENTS. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO SUBMITTING A BID.
2. ALL ITEMS INDICATED ON EXISTING CONDITIONS/DEMOLITION DRAWINGS ARE EXISTING, UNLESS NOTED TO BE "NEW" OR NOTED TO BE "PROVIDED" UNDER THIS CONTRACT. ALL WORK INDICATED IS INCLUDED IN THIS CONTRACT, UNLESS NOTED TO BE "EXISTING TO REMAIN" OR "UNDER SEPARATE CONTRACT" OR "BY OWNER" OR "NIC"
3. SEE IMPORTANT NOTES ON SHEET T1 REGARDING ASBESTOS–CONTAINING & LEAD CONTAINING MATERIALS.
4. REMOVE EXISTING ELECTRICAL BRANCH CIRCUITS ASSOCIATED WITH KITCHEN EQUIPMENT SCHEDULED FOR DEMOLITION. REMOVE ALL WIRING BACK TO PANELBOARD. UPDATE PANELBOARD SCHEDULE TO INDICATE SPARES. EXISTING CONDUIT AND BOXES MAY BE REUSED AS NECESSARY IF IN GOOD CONDITION.
5. RETAIN ALL CONDUIT AND WIRING ASSOCIATED WITH LIGHTING TO BE DEMOLISHED IN THIS AREA. RETAIN CIRCUITS FOR REUSE WITH NEW LAYOUT.
6. REMOVE ALL CONDUIT AND WIRING ASSOCIATED WITH RECEPTACLES SCHEDULED FOR DEMOLITION. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD AND UPDATED PANELBOARD SCHEDULE WITH SPARE CIRCUITS.

PLAN NORTH

PARTIAL FIRST FLOOR ELECTRICAL PLAN – EXISTING CONDITIONS & DEMOLITION

SCALE: 1/2"=1'-0"

0 1 2 3 5

1/2" = 1'-0"

PROJECT CODE: 25–12490

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PARTIAL FIRST FLOOR ELECTRICAL PLAN - EXISTING CONDITIONS & DEMOLITION

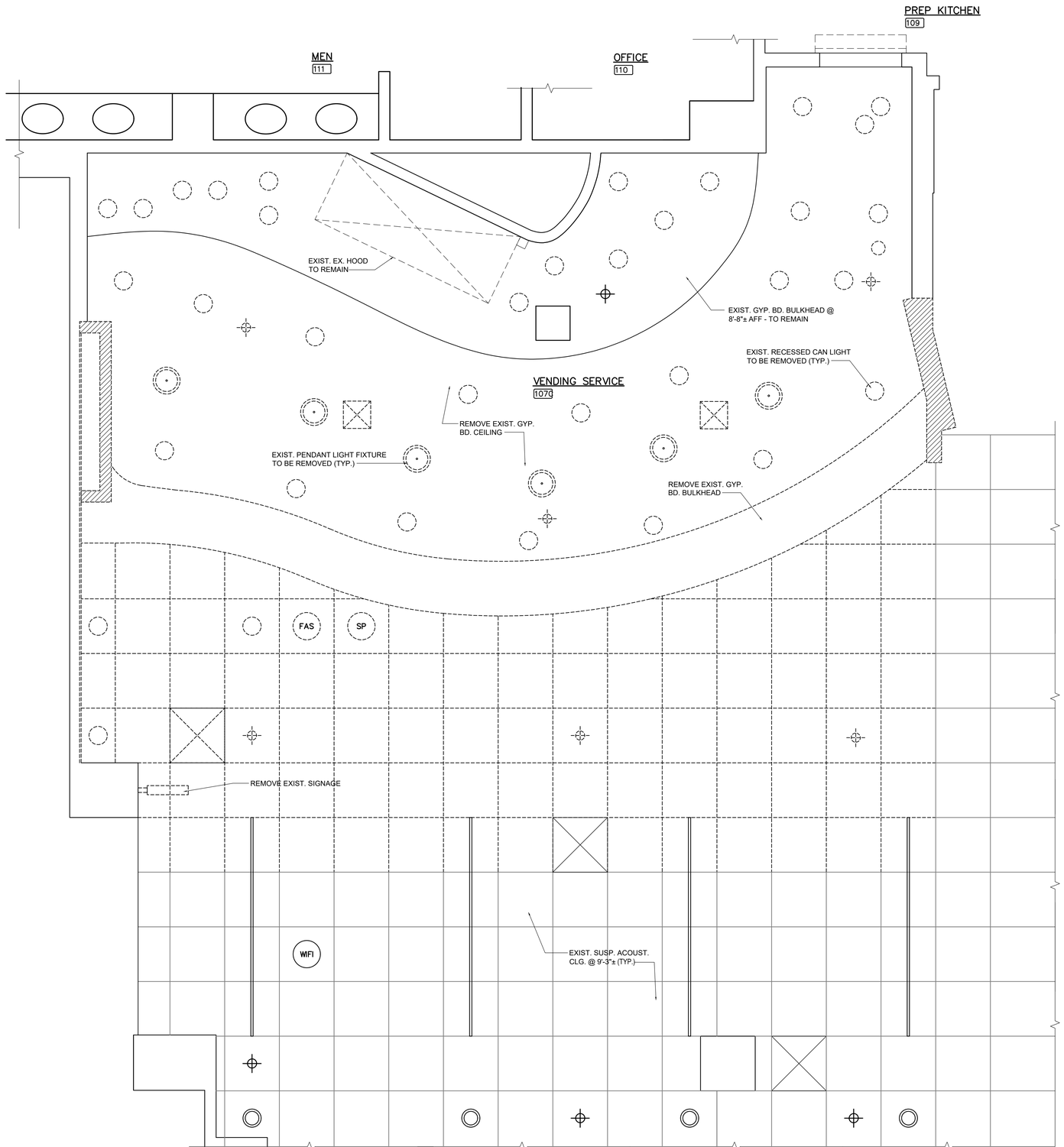
HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: SLL, DWG
DRAWN BY: SLL
CHECKED BY: TAA, DWG

The Architects Alliance Inc.
Blacksburg, Virginia

PROJECT NO: 116584
DATE: 3/24/25

ED1



DEMO RCP LEGEND

- EXIST. MECH. REGISTERS
- EXIST. LIGHT FIXTURES
- EXIST. CAN LIGHT FIXTURE
- SD — EXIST. SMOKE DETECTOR
- FAS — EXIST. CLG.–MTD. FIRE ALARM STROBE
- FAS — EXIST. WALL–MTD. FIRE ALARM STROBE
- EXIST. WALL–MTD. EMERGENCY LIGHT
- EXIST. WALL–MTD. LIGHT FIXTURE

PLAN NORTH

PARTIAL FIRST FLOOR ELECTRICAL REFLECTED CEILING PLAN – EXISTING CONDITIONS & DEMOLITION

SCALE: 1/2"=1'-0"

0 1 2 3 5

1/2" = 1'-0"

PROJECT CODE: 25–12490

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REVISIONS

PARTIAL FIRST FLOOR ELECTRICAL REFLECTED CEILING PLAN - EXISTING CONDITIONS & DEMOLITION

HURLBURT HALL HISSHO SUSHI RENOVATION
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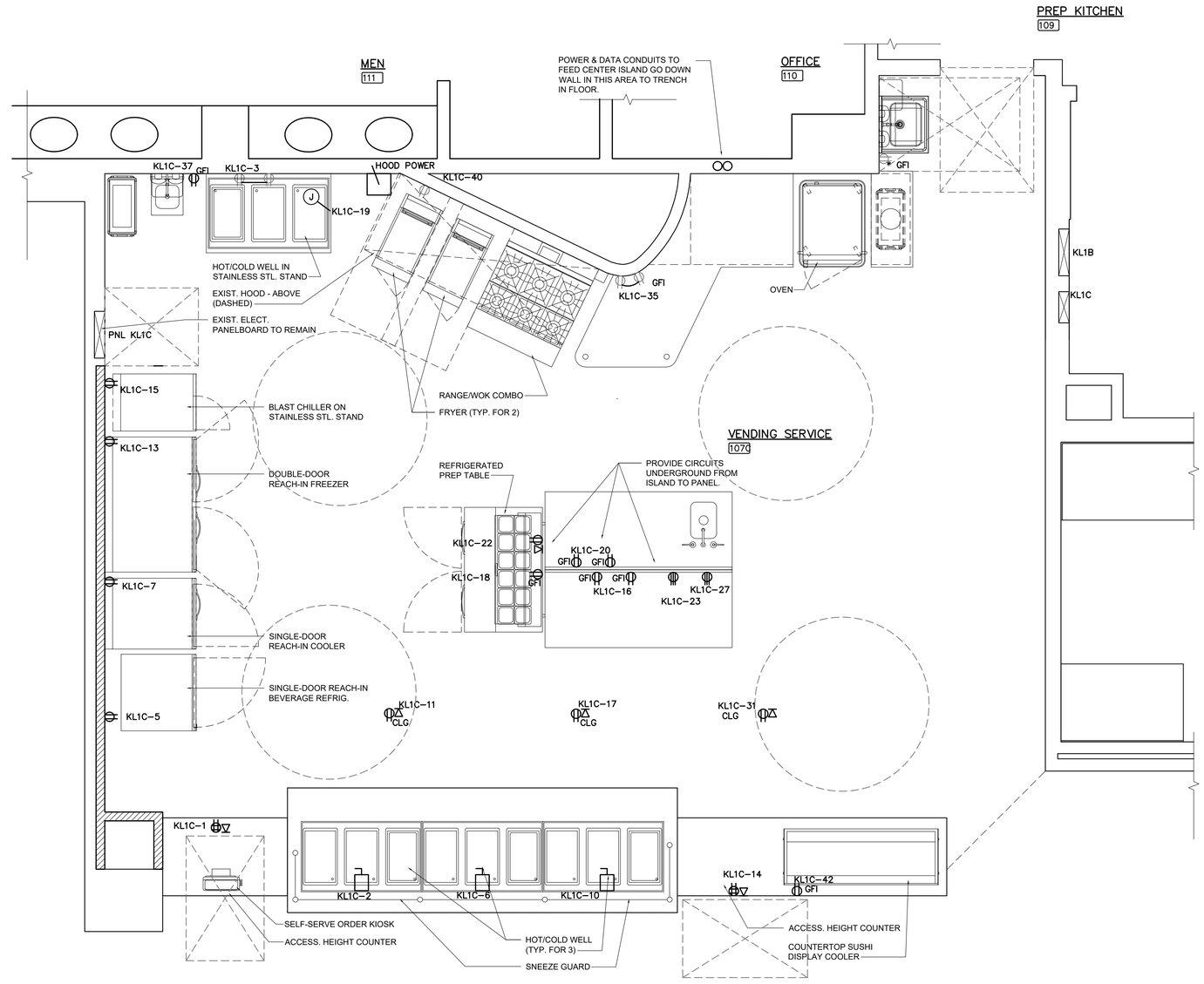
PROJECT NO:	116584
DATE:	3/24/25

ED2



PLAN LEGEND

- EXIST. WALL TO REMAIN
- PROPOSED METAL STUD WALL
- ELECT. PANEL – SEE ELECT.
- 000 ROOM NUMBER
- ACCESSIBILITY CLEARANCES

EXISTING PANEL KL1C

VOLTAGE: 208Y/120 | PHASE: 3 | WIRE: 4 | BUS AMPS: 250A | MAIN BREAKER AMPS: MLO | [X] SURFACE MOUNTED [ ] FLUSH MOUNTED | kAIC RATING: 22,000

CKT NO.	BRKR P	BRKR AMPS	WIRE NO	WIRE SZ	*	CIRCUIT DESCRIPTION	LOAD - KVA PHA	PHB	PHC	3 PH	CKT NO.	BRKR P	BRKR AMPS	WIRE NO	WIRE SZ	*	CIRCUIT DESCRIPTION	LOAD - KVA PHA	PHB	PHC	3 PH
1	1	30									2	1	20				WARMING TRAY	1.5			
3	1	20				COUNTER RCPT		1.5			4	1	20				WARMING TRAY		1.5		
5	1	20				SPARE			1.5		6	1	20				ALTO SHAM			1.5	
7	1	20				SPARE	1.5				8	1	20				FREEZER	1.5			
9	1					SHUNT TRIP					10	1	20				RCPT-GFI		1.5		
11	1	20				SPARE		1.5			12	1	20				RCPT			1.5	
13	1	20				COKE MACHINE	1.5				14	1	20				COUNTER RCPT	1.5			
15	1	20				COUNTER RCPT		1.5			16	1	20				GFI CASEWORK		1.5		
17	2	20				SPARE			1.5		18	1	20				RCPT			1.5	
19	2	20				WARMING TRAY	1.5				20	1	20				RCPT	1.5			
21						WARMING TRAY		1.5			22	1	20				WARMING TRAY		1.5		
23											24	2	20				WARMING TRAY			1.5	
25	3	30				RCPT												1.5			
27											28	1					RCPT-SHUNT TRIP				
29											30	1	20				RCPT			1.5	
31	3	30				RCPT					32	1					RCPT-SHUNT TRIP				
33											34	1	20				RCPT		1.5		
35	1	20				COUNTER RCPT			1.5		36	1	20				LTS			1.5	
37	1	20				CASH REGISTER	1.5				38	1	20				PENDANT LTS	1.5			
39	1	20				CAN LTS		1.5			40	1	20				HOOD RCPT		1.5		
41	1	20				CAN LTS			1.5		42	1	20				COUNTER RCPT			1.5	
						TOTAL LEFT SIDE	6.0	6.0	7.5	0.0							TOTAL RIGHT SIDE	9.0	9.0	10.5	0.0
						TOTAL RIGHT SIDE	9.0	9.0	10.5	0.0											
						TOTAL	15.0	15.0	18.0	0.0							TOTAL CONNECTED LOAD				48.0

* NOTES
1. RELOCATE CIRCUIT TO KL1B2.
2. REPLACE EXISTING CIRCUIT WITH SHUNT TRIP BREAKER.

MODIFIED PANEL KL1C

VOLTAGE: 208Y/120 | PHASE: 3 | WIRE: 4 | BUS AMPS: 250A | MAIN BREAKER AMPS: MLO | [X] SURFACE MOUNTED [ ] FLUSH MOUNTED | kAIC RATING: 22,000

CKT NO.	BRKR P	BRKR AMPS	WIRE NO	WIRE SZ	*	CIRCUIT DESCRIPTION	LOAD - KVA PHA	PHB	PHC	3 PH	CKT NO.	BRKR P	BRKR AMPS	WIRE NO	WIRE SZ	*	CIRCUIT DESCRIPTION	LOAD - KVA PHA	PHB	PHC	3 PH
1	1	20	2	12		POS TERMINAL	1.5				2	2	20		12		HOT/COLD WELLS	1.5			
3	1	20	2	12		SPARE		0.2			4								1.5		
5	1	20	2	12		REACHN BEV REFR			1.5		6	2	20		12		HOT/COLD WELLS			1.5	
7	1	20				REACHN REFR	0.4				8							1.5			
9	1	20				SPARE					10	2	20		12		HOT/COLD WELLS		1.5		
11	1	20	2	12		MENU BOARD			1.5		12									1.5	
13	1	20	2	12		2DR REACHN FZR	1.2				14	1	20		12		POS TERMINAL	1.5			
15	1	20	2	12		BLAST CHILLER		1.5			16	1	20	2	12		ISLAND RCPTS		1.5		
17	2	20	2	12		MENU BOARD			1.5		18	1	20	2	12		REF. PREP TABLE			0.6	
19	2	20	2	12		HOT/COLD WELLS	1.5				20	1	20	2	12		ISLAND RCPTS	1.5			
21								1.5			22	1	20	2	12		ISLAND RCPT		1.5		
23	2	20	2	12		RICE COOKER			1.5		24	2	20		12		HOT/COLD WELLS			1.5	
25							1.5											1.5			
27	2	20	2	12		RICE COOKER		1.5			28						RCPT-SHUNT TRIP				
29									1.5		30	1	20				RCPT			1.5	
31	1	20	2	12		MENU BOARD	1.5				32						RCPT-SHUNT TRIP				
33	1	20				SPARE					34	1	20				RCPT		0.2		
35	1	20	2	12		BACK WALL RCPT			1.5		36	1	20				LTS			1.5	
37	1	20	2	12		BACK WALL RCPT	1.5				38	1	20				PENDANT LTS	1.5			
39	1	20				CAN LTS		1.5			40	1	20				HOOK RCPT		1.5		
41	1	20				CAN LTS			1.5		42	1	20	2	12		DISPLAY COOLER			0.8	
						TOTAL LEFT SIDE	9.1	6.2	10.5	0.0							TOTAL RIGHT SIDE	9.0	7.7	8.9	0.0
						TOTAL RIGHT SIDE	9.0	7.7	8.9	0.0											
						TOTAL	18.1	13.9	19.4	0.0							TOTAL CONNECTED LOAD				51.3

* NOTES
1. RELOCATE CIRCUIT TO KL1B2.
2. REPLACE EXISTING CIRCUIT WITH SHUNT TRIP BREAKER.

PLAN NORTH

PARTIAL FIRST FLOOR ELECTRICAL PLAN

SCALE: 1/2"=1'-0"

0 1 2 3 5
1/2" = 1'-0"

PROJECT CODE: 25–12490

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COMMONWEALTH OF VIRGINIA
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Lic. No. 44271
4-1-25
PROFESSIONAL ENGINEER

DATE
REVISIONS

PARTIAL FIRST FLOOR ELECTRICAL PLAN

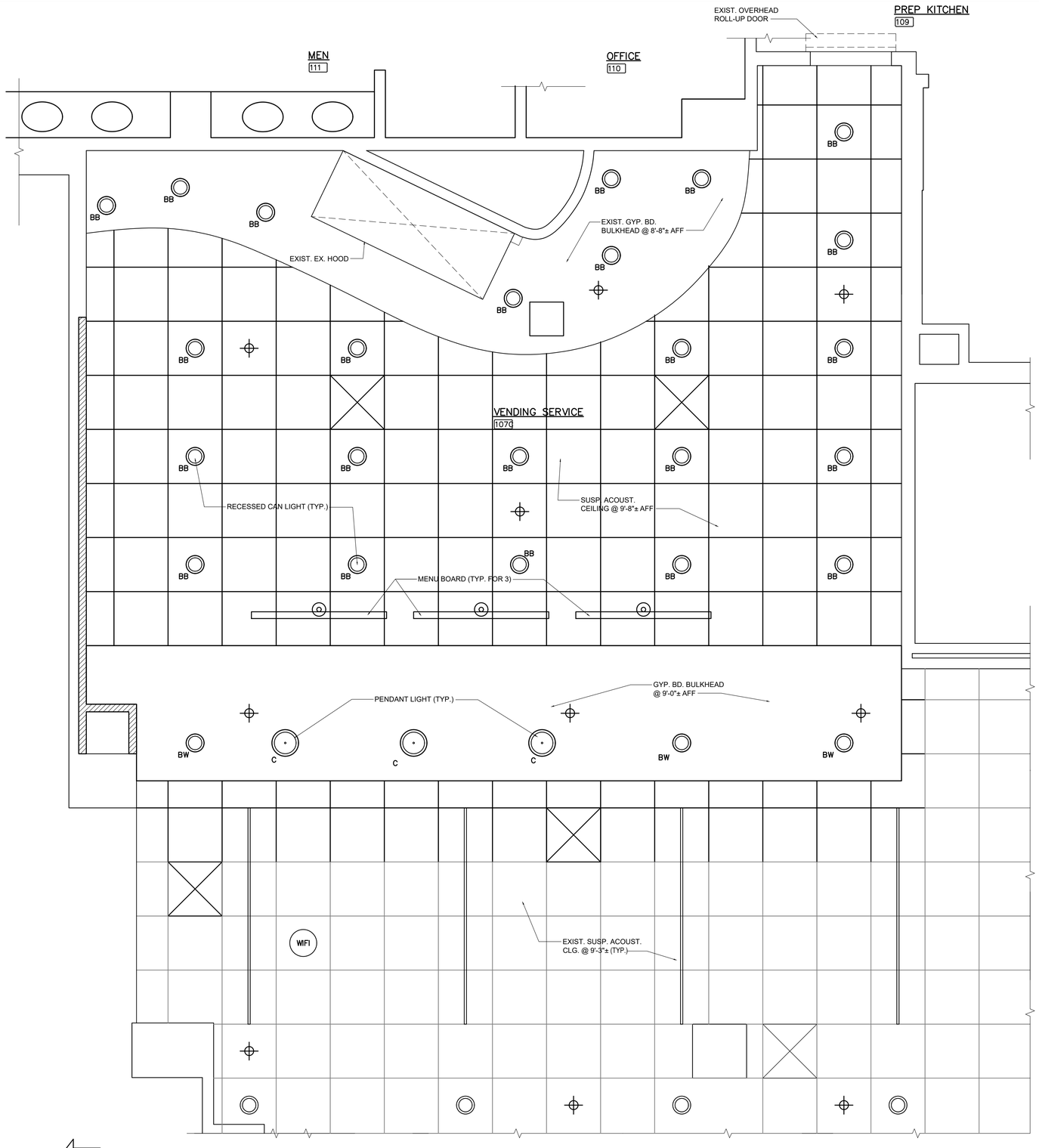
HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: SLL, DWG
DRAWN BY: SLL
CHECKED BY: TAA, DWG

The Architects Alliance Inc.
Blacksburg, Virginia

PROJECT NO: 116584
DATE: 3/24/25

E1



LIGHTING FIXTURE SEQUENCE:

1. OCCUPANCY SENSORS SHALL TURN LIGHTS OFF AFTER 20 MINUTES AFTER ALL OCCUPANTS HAVE LEFT THE SPEACE.
2. FIXTURES SHALL TURN ON TO 50 PERCENT, CONTROLLED BY THE OCCUPANCY SENSOR WITH MANUAL ON TO 100 PERCENT.
3. SWITCH TO TURN FIXTURES OFF.
4. PROVIDE FUNCTIONAL TESTING RESULTS TO VERIFY CONTROLS FUNCTIONALLY AS SPECIFIED.

LIGHTING FIXTURE TYPES:

BB BW — LITHONIA LIGHTING: WF4 LED 35K MVOLT WET LOCATION LISTED, MATTE WHITE FINISH (10 WATTS);"EXT" = EXISTING LIGHT FIXTURE (HUBBELL LIGHTING, SIGNIFY LIGHTING ACCEPTABLE).BW DESIGNATES WHITE TRIM; BB DESIGNATES BLACK TRIM.

C — STUDIOMLIGHTING MODEL SM32361SWNAB, NATURAL WHITE BRASS, SATIN WHITE

PLAN NORTH

PARTIAL FIRST FLOOR REFLECTED CEILING PLAN – ELECTRICAL

SCALE: 1/2"=1'-0"

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0 1 2 3 5
1/2" = 1'-0"

PROJECT CODE: 25–12490

COMMONWEALTH OF VIRGINIA
DANIEL W. GIBSON
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4–1–25
PROFESSIONAL ENGINEER

DATE
REVISIONS

PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - ELECTRICAL

HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

DESIGNED BY: SLL, DWG
DRAWN BY: SLL
CHECKED BY: TAA, DWG

The Architects Alliance Inc.
Blacksburg, Virginia

PROJECT NO: 116584
DATE: 3/24/25

E2

ELECTRICAL OUTLINE SPECIFICATIONS

SECTION 16100

1. ALL WORK SHALL COMPLY WITH THE 2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE, AND THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE (NEC).

2. ALL ELECTRICAL COMPONENTS SHALL BE TESTED, LISTED AND LABELED BY UNDERWRITERS LABORATORIES (UL). ALL COMPONENTS, FIXTURES, DEVICES AND WIRING NOT SPECIFICALLY INDICATED TO BE "EXIST." OR "N.I.C." SHALL BE NEW MATERIALS, PROVIDED UNDER THIS CONTRACT.

3. ALL CONDUCTORS SHALL BE 600-VOLT SOLID COPPER WITH INSULATION RATED THHN OR THWN, APPLIED AT 75° RATING FOR CONDUCTORS #1 AND LARGER, AND AT 60° RATING FOR SMALLER CONDUCTOR SIZES. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG FOR BRANCH CIRCUITS. PROVIDE STRANDED CONDUCTORS FOR SIZES #8 AND LARGER.

4. ALL WIRING SHALL BE IN METAL RACEWAYS OR METAL-CLAD (MC) CABLE (MC CABLE IS ALLOWED UNDER DESIGN WAIVER #38084, DATED 1/12/23). MINIMUM RACEWAY OR MC CABLE SIZE SHALL BE 3/4". ELECTRICAL METALLIC TUBING (EMT) SHALL BE ASSEMBLED WITH STEEL SET SCREW OR COMPRESSION TYPE FITTINGS.

5. ALL WIRING SHALL BE CONCEALED ABOVE CEILINGS OR IN WALL CONSTRUCTION . EXPOSED RACEWAYS SHALL NOT BE PERMITTED.

6. PROVIDE PERMANENT ELECTRICAL IDENTIFICATION FOR ALL ELECTRICAL COMPONENTS. UPDATE EXIST. PANELBOARD DIRECTORIES TO SHOW CORRECT CIRCUITS FOR EXIST. PROVIDE COMPLETE NEW DIRECTORY FOR PANEL 1EA. PROVIDE SELF-ADHESIVE TYPEWRITTEN LABELS FOR ALL CIRCUITS MODIFIED IN OTHER PANELBOARDS. JUNCTION BOX COVERS SHALL BE NEATLY LABELED WITH A PERMANENT BLACK MARKER, INDICATING ORIGINATING PANELBOARD AND CIRCUIT NUMBER(S). BRANCH CIRCUIT CONDUCTORS SHALL BE LABELED WITH CIRCUIT NUMBER AT ALL BOXES.

7. MOUNT ALL EQUIPMENT PLUMB AND LEVEL WITH SUBSTANTIAL FASTENERS SUITABLE FOR THE LOAD. ALL COMPONENTS SHALL BE RIGIDLY ANCHORED FOR LONG LIFE UNDER HARD USE.

8. LOCATE ALL FIXTURES AND RACEWAYS TO AVOID INTERFERENCE WITH DUCTS, PIPES, AND MECHANICAL EQUIPMENT, OR WITH ACCESS TO EQUIPMENT THAT REQUIRES PERIODIC ADJUSTMENT OR MAINTENANCE. COORDINATE EXACT EQUIPMENT LOCATIONS WITH PLUMBING AND MECHANICAL LOCATIONS TO INSURE REQD. CLEARANCE AROUND EQUIPMENT.

9. DO NOT SUPPORT RACEWAYS FROM PIPES, DUCTS, OR A CEILING SUSPENSION SYSTEM.

10. UPON COMPLETION OF THE INSTALLATION, ADJUST, SET AND TEST ALL COMPONENTS, TO ENSURE CORRECT AND SATISFACTORY OPERATION.

11. PROVIDE ALL MISCELLANEOUS AND NECESSARY COMPONENTS AND MATERIALS REQUIRED FOR A COMPLETE AND PROPERLY FUNCTIONING ELECTRICAL INSTALLATION, COMPLYING WITH THE REFERENCED CODES, WHETHER OR NOT SUCH COMPONENTS ARE SPECIFICALLY REFERENCED IN THESE OUTLINE SPECIFICATIONS.

12. SEE IMPORTANT NOTES ON SHEET T1 PERTAINING TO ASBESTOS- CONTAINING AND LEAD CONTAINING MATERIALS.

13. ALL RECEPTACLES SHALL BE SPECIFICATION GRADE, DWGK BROWN COLOR, WITH TYPE 302 BRUSHED STAINLESS STEEL COVER PLATES. RECEPTACLES SHALL BE NEMA TYPE 5-20R.

14. ALL LIGHT SWITCHES SHALL BE SPECIFICATION GRADE, SINGLE POLE TOGGLE, 20-AMPERE, 120-277 VOLT, DWGK BROWN COLOR, WITH TYPE 302 BRUSHED STAINLESS STEEL COVER PLATES.

15. ALL BOXES SHALL BE DESIGNED FOR THE APPLICATION. LOCATE BOXES APPROXIMATELY AS INDICATED, EXACTLY AS DIRECTED OR AS NECESSARY TO ACHIEVE SYMMETRY AND COORDINATION WITH THE BUILDING FINISHES AND EQUIPMENT. LOCATE ALL BOXES TO BE ACCESSIBLE. MOUNT SINGLE GANG BOXES WITH THE LONGER DIMENSION VERTICAL, EXCEPT WHERE NOTED OTHERWISE. MOUNT ALL BOXES AND PLATES PLUMB. RELOCATE EXISTING BOXES WHERE REQUIRED FOR ACCESS. COORDINATE CONCEALED JUNCTION BOX LOCATIONS WITH METAL ACCESS DOORS INSTALLED AS SPECIFIED IN SECTION 08310.

16. MOUNT FLUSH BOXES WITH THEIR FRONT EDGES WITHIN $\frac{1}{4}$ INCH OF FINISHED WALL SURFACE. COVER PLATES SHALL FIT TIGHT TO FINISHED WALL SURFACES ON ALL SIDES. PROVIDE EXTENSIONS WHERE REQD. FOR EXIST. BOXES.

17. DO NOT SHARE NEUTRALS ON RECEPTACLE BRANCH CIRCUITS.

18. PROVIDE MOTOR-RATED SWITCHES FOR ALL EXHAUST FANS.

19. OCCUPANCY SENSORS SHALL BE DUAL TECHNOLOGY TYPE, PROVIDING PASSIVE INFRARED AND ULTRASONIC SENSING.

20. PROVIDE NEW CIRCUIT BREAKERS FOR ALL CIRCUITS MODIFIED UNDER THIS CONTRACT. BREAKERS SHALL BE INSTANTANEOUS TRIP, MADE BY SAME MANUFACTURER AS THE EXIST. PANELBOARD.

21. PROVIDE NEW CIRCUITS AND WIRING REQD. TO SERVE THE CONTROLS SYSTEM FOR THE MECHANICAL EQUIPMENT, WHICH WILL BE INSTALLED BY SIMPLEX AND IS INCLUDED IN THE WORK OF THIS CONTRACT. SEE MECHANICAL DRAWINGS.

ELECTRICAL GENERAL NOTES:

GN1: THE EXISTING SITE AND ADJACENT BUILDINGS WILL BE OCCUPIED BY THE OWNER DURING THE ENTIRE PERIOD OF CONSTRUCTION. ORGANIZE AND SCHEDULE ALL WORK WITH THE OWNER, TO MINIMIZE DISRUPTION OF THE OWNER'S USAGE AND SCHEDULES, AND TO MINIMIZE THE TIME PERIODS DURING WHICH BUILDING SERVICES ARE INTERRUPTED. ALL INTERRUPTIONS OF SERVICES SHALL BE APPROVED IN ADVANCE BY THE OWNER, AND SHALL BE SCHEDULED FOR THE OWNER'S CONVENIENCE. CONSTRUCTION OPERATIONS SHALL NOT BLOCK ANY CORRIDOR OR STAIRWELL AT ANY TIME THAT THE BUILDING IS OCCUPIED.

GN2: REMOVE ALL RACEWAYS AND BOXES THAT DO NOT COMPLY WITH THE NEW POWER DESIGN. EXIST. RACEWAYS AND BOXES IN GOOD CONDITION MAY BE RE-USED WHERE APPROPRIATE TO THE DESIGN & IF IN COMPLIANCE WITH THE DRAWINGS AND SPECIFICATIONS & CURRENT CODES. REMOVE ALL EXIST. UN-USED CONDUCTORS BACK TO THE ORIGINATING PANELBOARD, UNLESS SPECIFICALLY NOTED OTHERWISE. PROVIDE WIRING AS REQUIRED TO MAINTAIN POWER TO ALL EXISTING CIRCUITS TO REMAIN.

GN3: PROVIDE ELECTRICAL IDENTIFICATION FOR ALL NEW AND EXIST. ELECTRICAL COMPONENTS WHICH ARE PART OF THE WORK.

GN4: ALL WIRING AND RACEWAYS SHALL BE CONCEALED ABOVE CEILINGS, OR IN WALLS OR CHASES. EXPOSED RACEWAYS ARE NOT PERMITTED.

GN5: RELOCATE ALL EXIST. ELECTRICAL COMPONENTS AS REQD. FOR PROPER INSTALLATION OF THE ARCHITECTURAL COMPONENTS PROVIDED UNDER THIS PROJECT.

GN6: PUSH ON WIRE CONNECTORS SIMILAR TO "WAGO CONNECTORS" SHALL NOT BE USED.

GN7: PROVIDE #12 GROUNDING JUMPER WITH GREEN BONDING SCREW AT ALL BRANCH CIRCUIT BOXES. BOND JUMPER TO THE BRANCH CIRCUIT EQUIPMENT GROUND WIRE(S).

GN8: DRAWINGS ARE BASED ON ROUGH FIELD MEASUREMENTS. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD, PRIOR TO BEGINNING CONSTRUCTION.

GN9: REMOVE MISCELLANEOUS EXISTING FIXTURES AND OTHER CONSTRUCTION AS REQUIRED FOR PROPER COMPLETION OF THE PROPOSED CONSTRUCTION. THE DRAWINGS DO NOT PURPORT TO SHOW ALL MISCELLANEOUS EXISTING CONSTRUCTION. VERIFY THE SCOPE OF MISCELLANEOUS DEMOLITION IN THE FIELD.

GN10: REMOVE ALL EXISTING ELECTRICAL CONDUCTORS, CONDUITS AND WIREWAYS WHICH ARE NOT SCHEDULED TO BE RE-USED IN THE PROPOSED CONSTRUCTION.

GN11: WHERE JUNCTION BOXES AND PULL BOXES ARE REQD. TO CONNECT NEW WIRING TO EXIST. BRANCH CIRCUIT WIRING, LOCATIONS AND SIZES OF JUNCTION BOXES SHALL BE APPROVED IN ADVANCE BY THE A/E AND THE OWNER'S REPRESENTATIVE.

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1/2" = 1'-0"

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COMMONWEALTH OF VIRGINIA
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REVISIONS

ELECTRICAL GENERAL NOTES AND OUTLINE SPECIFICATIONS

HURLBURT HALL HISSHO SUSHI RENOVATION
RADFORD UNIVERSITY
RADFORD, VIRGINIA

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