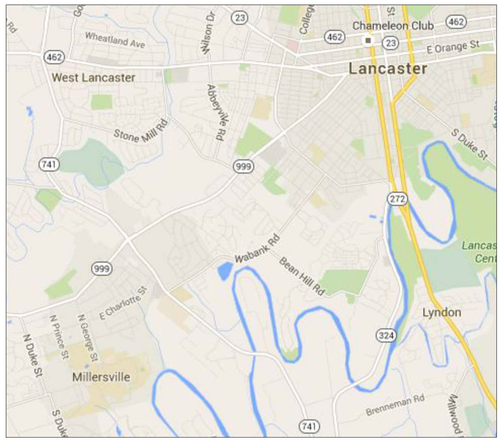
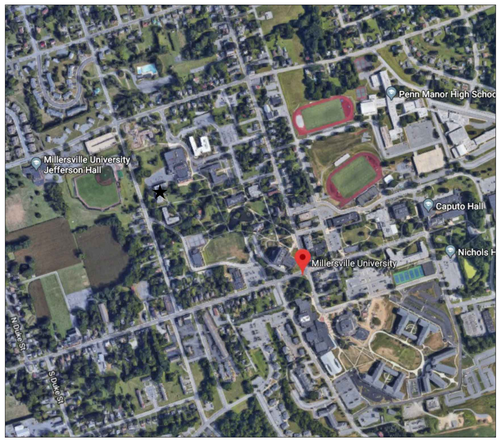
MILLERSVILLE UNIVERSITY OF PENNSYLVANIA
of the State System of Higher Education
Millersville, Pennsylvania

Vicinity Map



Campus Map - Lehigh Hall (★)



Dr. Dan Greenstein, Chancellor
State System of Higher Education of Pennsylvania
Harrisburg, PA

PROJECT MI - 1209
LEHIGH HALL RENOVATIONS

Contract: MI-1209.G

Drawing List:

CS-1	COVER SHEET
A-1	GENERAL NOTES; DEMOLITION PLANS & NOTES
A-2	FIRST & SECOND FLOOR PLAN
A-3	THIRD FLOOR PLAN; PARTIAL PLAN FIRST FLOOR LOBBY; FIRST FLOOR LOBBY REFLECTED CEILING PLAN; PARTIAL PLAN TYP. DOUBLE RM.; PARTIAL INTERIOR ELEVATIONS
A-4	DOOR SCHEDULE; WINDOW TYPES; PARTITION TYPES; DETAILS
A-5	ROOM FINISH SCHEDULE; MATERIAL FINISH LEGEND; WARDROBE ENCAPSULATION
E-000	SYMBOLS, NOTES & ABBREVIATIONS
E-001	BASEMENT FLOOR PLAN - ELECTRICAL - DEMOLITION
E-002	FIRST FLOOR PLAN - ELECTRICAL - DEMOLITION
E-003	SECOND FLOOR PLAN - ELECTRICAL - DEMOLITION
E-004	THIRD FLOOR PLAN - ELECTRICAL - DEMOLITION
E-101	BASEMENT FLOOR PLAN - ELECTRICAL
E-102	FIRST FLOOR PLAN - ELECTRICAL
E-103	SECOND FLOOR PLAN - ELECTRICAL
E-104	THIRD FLOOR PLAN - ELECTRICAL
E-801	SPECIFICATIONS - ELECTRICAL

KAUTTER & KELLEY ARCHITECTS
Architect
5 Belmont Avenue
Wyomissing, PA 19610
610.372.9960

CENTURY ENGINEERING
ME Engineer
200 Airport Road
New Cumberland, PA 17070
717.901.7055

DOCUMENT
FOR CONSTRUCTION

1	03.28.2022 OWNER REQUESTED REVISION		

APPROVALS

VICE PRESIDENT FOR FINANCE AND ADMINISTRATION

DIRECTOR OF FACILITIES

CHANCELLOR

PROFESSIONAL SEALS:

STATE SYSTEM OF HIGHER EDUCATION
MILLERSVILLE UNIVERSITY

PROJECT/CONTRACT NO. MI-1209

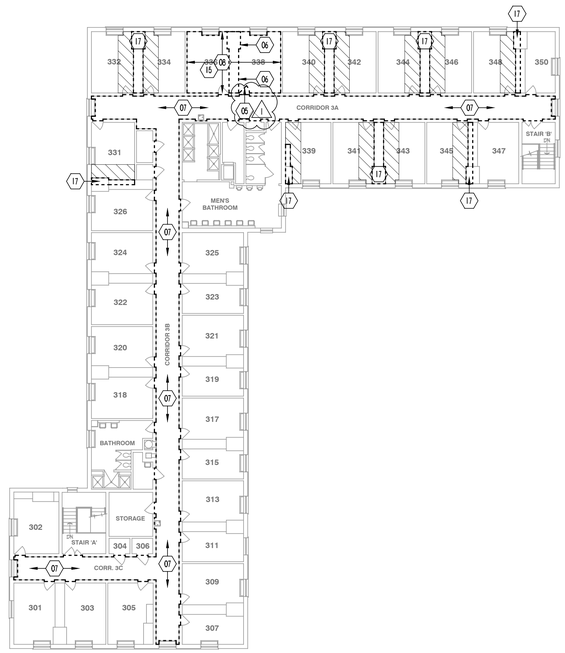
TITLE:
LEHIGH HALL ALTERATIONS
NORTH PRINCE STREET
MILLERSVILLE, LANCASTER COUNTY, PENNSYLVANIA

COVER SHEET

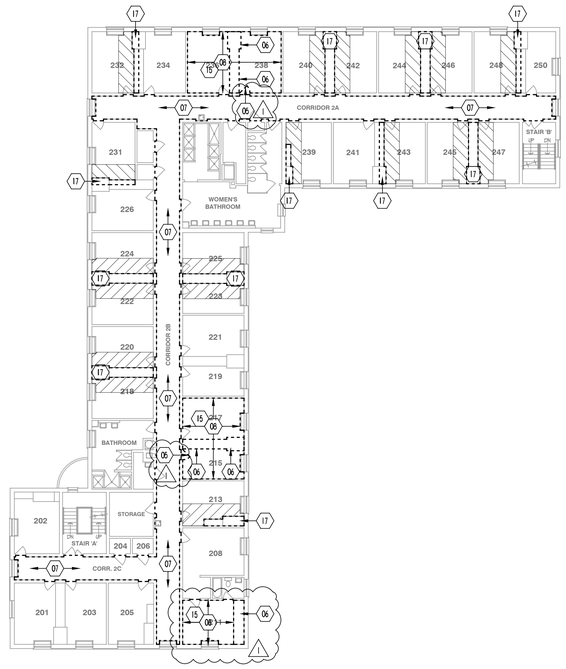
DATE: 02.25.2022

SCALE: AS NOTED

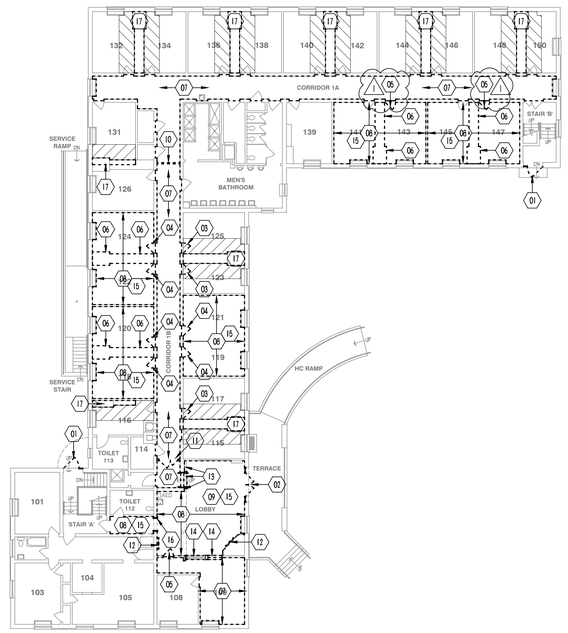
DRAWING NO. **CS-1**



03 / A-1 **3RD FLR DEMOLITION PLAN**
SCALE: 1/16" = 1'-0"



02 / A-1 **2ND FLR DEMOLITION PLAN**
SCALE: 1/16" = 1'-0"



01 / A-1 **1ST FLR DEMOLITION PLAN**
SCALE: 1/16" = 1'-0"

DOCUMENT
FOR CONSTRUCTION

GENERAL NOTES

1. **FIELD CONDITIONS**
   A. CONTRACTOR WILL EXAMINE THE JOB SITE, TO BECOME FAMILIAR AND SATISFIED WITH CONDITIONS UNDER WHICH HE WILL BE OBLIGED TO OPERATE IN PERFORMING THE WORK.
   B. CONTRACTOR WILL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS ON SITE BEFORE ORDERING MATERIALS, FABRICATION OR INSTALLATION. VERIFY ALL MEASUREMENTS AT THE BUILDING AS THE WORK AND COORDINATION OF TRADES REQUIRES.
   C. CONTRACTOR WILL NOTIFY THE ARCHITECT WHEN LAYING OUT PARTITIONS TO ALLOW FOR ON SITE ADJUSTMENTS REQUIRED BY BUILDING PLAN VARIATIONS.
2. **CONTRACT DOCUMENTS AND SUBMITTALS**
   A. CONTRACTOR WILL VERIFY AVAILABILITY OF MATERIALS AND PRODUCTS AND THAT SEMI-PROPRIETARY ITEMS ARE SPECIFIED USING UP TO DATE IDENTIFICATION INFORMATION. IRREGULARITIES ARE TO BE REPORTED TO THE G.C. IMMEDIATELY.
   B. DO NOT SCALE DRAWINGS. NOTIFY THE ARCHITECT IN CASES OF DIMENSIONAL OR INFORMATIONAL DISCREPANCIES OR CONDITIONS REQUIRING CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
   C. SUBMIT SHOP DRAWINGS FOR APPROVAL, PRIOR TO FABRICATION AND BEFORE COMMENCING ROUGH-IN WORK ASSOCIATED W/ REQUIRED SUBMITTALS.
   D. DIMENSIONS GIVEN ARE TO ROUGH CONSTRUCTION UNLESS NOTED OTHERWISE. FINISHED DIMENSIONS ARE SO NOTED, OR ARE FOLLOWED BY 'FD' OR 'FIN DIM' ABBREVIATION.
3. **CODE COMPLIANCE AND STANDARDS**
   A. COMPLY WITH PERTINENT PROVISIONS OF CITY OR TOWNSHIP, COUNTY, AND STATE LAWS AND REGULATIONS. COMPLY WITH PERTINENT PROVISIONS OF THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC), OR THE LOCALLY ACCEPTED EDITION AND AMENDMENTS. COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND ALL PERTINENT REGULATIONS REGARDING FEDERAL REGISTER UNIVERSAL ACCESSIBILITY STANDARDS AND INTERNATIONAL CODE COUNCIL (ICC) AMERICAN NATIONAL STANDARD INSTITUTE (ANSI) STANDARD A117.1.
   B. COMPLY WITH ALL PROVISIONS OF PENNSYLVANIA ACT 287 OF 1994 AS AMENDED BY ACT 187 OF 1996 (AND OSHA 1926.651), REQUIRING CONTRACTORS INTENDING TO PERFORM EXCAVATION OR DEMOLITION WORK ON A SITE WITHIN A POLITICAL SUBDIVISION, TO ASCERTAIN THE LOCATION AND TYPE OF UTILITY LINES AND PIPES AT EACH SITE AND NOTIFY THE UTILITY COMPANY(S) NOT LESS THAN THREE (3) WORKING DAYS IN ADVANCE OF PERFORMING THE EXCAVATION OR DEMOLITION. THIS INCLUDES UTILITY INSTALLATIONS SUCH AS GAS, PETROLEUM, SEWER, TELEPHONE, FUEL, ELECTRIC, WATER, OR ANY OTHER UNDERGROUND INSTALLATIONS THAT MAY BE ENCOUNTERED DURING DIGGING OPERATIONS. CALL PENNSYLVANIA ONE CALL SYSTEM, INC. AT (1.800.242.1776) OR CONTACT THEM AT (WWW.PAONECALL.ORG).
   C. VERIFY USE OF ACCEPTED AND APPROVED SEALANTS WHERE FIRE RATING IS REQUIRED OR IF REQUIRED FOR ACOUSTICAL PURPOSES. ALL PENETRATIONS OCCURRING AT FIRE RATED PARTITIONS ARE TO BE SEALED WITH FIRE CAULK THAT IS EQUAL TO OR EXCEEDS EXISTING RATED PARTITION ASSEMBLY.
   D. COORDINATE CENTRAL-STATION SYSTEM, PROPRIETARY SYSTEM, REMOTE-STATION SYSTEM OR SUPERVISORY SERVICE WHICH WILL CAUSE THE ACTUATION OF AN AUDIBLE APPLIANCE AT A CONSTANTLY ATTENDED LOCATION, IN ACCORDANCE WITH NFPA 72; COORDINATE REQUIREMENTS OF OWNER'S SECURITY SYSTEM, MUNICIPALITY AND LOCAL FIRE DEPARTMENT AND FIRE MARSHAL.
   E. RESEARCH OR EVALUATION REPORTS. PROVIDE FIRE-RETARDANT-TREATED WOOD ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION AND FOR WHICH A CURRENT MODEL CODE RESEARCH OR EVALUATION REPORT EXISTS THAT EVIDENCES COMPLIANCE
   F. OF FIRE-RETARDANT-TREATED WOOD FOR APPLICATION INDICATED. WHERE FIRE-RETARDANT-TREATED WOOD IS INDICATED, COMPLY WITH APPLICABLE REQUIREMENTS OF AWPA C20 (LUMBER) AND AWPA C27 (PLYWOOD). IDENTIFY FIRE-RETARDANT-TREATED WOOD WITH APPROPRIATE CLASSIFICATION MARKING OF UL, U.S. TESTING, TIMBER PRODUCTS INSPECTION, INC., OR ANOTHER TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. VERIFY THAT CONTACT WITH TREATED WOOD DOES NOT PROMOTE CORROSION OF METAL FASTENERS INTENDED FOR USE.
4. **FINISHES AND MATERIAL INSTALLATION**
   A. PROTECT FLOORING, SILLS, WINDOWS, DOORS, ETC., WITH SUITABLE MEANS DURING CONTIGUOUS CONSTRUCTION OPERATIONS THAT MAY DAMAGE OR COMPROMISE MATERIAL FINISHES OR THE STRUCTURAL INTEGRITY OF PREVIOUSLY OR NEWLY INSTALLED CONDITIONS.
   B. FLASH PATCH AND PREPARE FLOORS FOR INSTALLATION OF RESILIENT FLOORING. INCLUDE LABOR, MATERIAL AND SERVICES NECESSARY TO FURNISH, DELIVER AND INSTALL FLASH PATCHING OF ALL SURFACES INDICATED TO RECEIVE NEW FLOOR SURFACE FINISHES TO THE TOLERANCES DICTATED BY THE FLOOR FINISH INSTALLATION CONTRACTOR AND PRODUCT MANUFACTURER.
   C. FURNITURE NOT DESIGNED AS BUILT-IN INSTALLATIONS AND MOVABLE EQUIPMENT SHOWN ON THESE DRAWINGS ARE N.I.C., UNLESS NOTED OTHERWISE, AND ARE INDICATED FOR GENERAL INFORMATION AS TO ELEC/DATA/TELE OUTLET, SWITCHES, LIGHTING, FAND, ETC., LOCATIONS. COORDINATE EXACT LOCATIONS WITH G.C. IN FIELD.
   D. PROVIDE INSTALLATIONS IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. OBTAIN TECHNICAL INFORMATION REQUIRED FOR INSTALLATIONS FROM MANUFACTURERS PRIOR TO ORDERING, FABRICATION, OR INSTALLATION OF ANY MATERIALS. COORDINATE TEMPLATE INFORMATION WITH ALL PERTINENT TRADES.
   E. PROVIDE UNSPECIFIED PARTS REQUIRED FOR PROPER SYSTEM OPERATION OF BUILDING SYSTEMS ENUMERATED IN THIS CONTRACT.
   J. SOLID WOOD BLOCKING SHALL BE PROVIDED IN ALL AREAS WHERE SOLID ANCHORAGE IS REQUIRED. PROVIDE ROUGH CARPENTRY AND MISCELLANEOUS BLOCKING AS REQUIRED, CORRELATING LOCATIONS OF FURRING NAILERS, BLOCKING, ETC. TO COMPLY WITH DESIGN REQUIREMENTS. USE APPROVED FIRE RETARDANT TREATED WOOD WHEN REQUIRED BY CODE.
   K. ALL EXTERIOR FASTENERS AND SUPPORTS TO BE GALVANIZED STEEL OR STAINLESS STEEL. (UNLESS NOTED OTHERWISE)
   L. ALL EXTERIOR WINDOWS, FLASHING, COUNTER-FLASHING AND WALL PENETRATIONS TO BE CAULKED AND SEALED, PROVIDE SUBMITTAL AND USE COLORS APPROVED BY THE OWNER AND ARCHITECT
   M. PROVIDE 5/8" TYPE 'X' GYPSUM WALLBOARD (GWB) AS MANUFACTURED BY U.S. GYPSUM OR EQUAL, INSTALLED WITH TYPE 'W' DRYWALL SCREWS DRIVEN WITH AN ELECTRIC SCREW GUN. INSTALL WITH COMPATIBLE CONSTRUCTION GRADE ADHESIVE APPLIED TO STUDS AND FURRING STRIPS PRIOR TO INSTALLATION. APPLY THREE COATS OF PREMIXED GWB COMPOUND AND SAND SMOOTH. TAPE OR PROVIDE METAL OR PLASTIC GWB TRIM ACCESSORIES TO EDGES AS CONDITIONS DICTATE.
5. **CLEANUP AND SAFETY BARRIERS**
   A. KEEP CONSTRUCTION DEBRIS IN DESIGNATED CONTAINERS AND REMOVE FROM THE SITE AT REGULAR INTERVALS TO AVOID UNSIGHTLY OR HAZARDOUS SAFETY CONDITIONS. ESTABLISH AND MAINTAIN SEPARATE CONTAINERS FOR RECYCLING GLASS, PLASTIC, PAPER, AND CARDBOARD.
   B. COMPLY WITH THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (O.S.H.A.) INCLUDING SPECIFIC RESPONSIBILITIES TO PERFORM REPORTING AND RECORDING
   C. REQUIREMENTS. OBTAIN INFORMATION REGARDING RESPONSIBILITIES UNDER THE ACT. PROVIDE AND MAINTAIN NECESSARY FENCES, BARRIERS, SIGNS, ETC. FOR PROTECTION OF UNSAFE AREAS.
   D. KEEP THE PROJECT SITE IN A NEAT, ORDERLY FASHION DURING CONSTRUCTION. REMOVE DEBRIS, MATERIALS, EQUIPMENT ETC., FROM THE SITE UPON COMPLETION OF THE WORK. WORK UNDER THIS CONTRACT SHALL BE VACUUM CLEANED WITH PLUMBING FIXTURES, FINISH HARDWARE, MIRRORS, LIGHT FIXTURES, AND WINDOW GLASS CLEANED AND POLISHED.
6. **COORDINATION OF WORK**
   A. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING TRADES REQUIRED FOR THE COMPLETION OF WORK INDICATED IN CONTRACT DOCUMENTS AND FOR COORDINATION WITH OTHER CONTRACTOR(S) ENGAGED BY OWNER FOR WORK CONTIGUOUS TO THIS CONTRACT. COORDINATION INCLUDES OWNER'S SUBCONTRACTORS FOR WORK SUCH AS FURNITURE AND/OR EQUIPMENT INSTALLATION, ETC.
7. **WATERTIGHT BUILDING**
   A. CONTRACTOR IS STRICTLY RESPONSIBLE FOR A WATERTIGHT BUILDING CONDITION IN AREAS WHERE WORK UNDER THIS CONTRACT IS UNDERTAKEN.
8. **PERMITS, FEES AND INSPECTIONS**
   A. PROVIDE AND PAY FOR PERMITS, FEES AND INSPECTIONS. PROVIDE CERTIFICATES OF INSPECTION GENERALLY ISSUED BY GOVERNMENTAL AGENCIES OR UTILITIES CONCERNING PROJECTS OF THIS TYPE TO THE ARCHITECT PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF SUBSTANTIAL COMPLETION.
   B. REQUIRED CODE INSPECTIONS OF THE BUILDING AND SITE ARE TO BE COORDINATED BY THE CONTRACTOR. THE CONTRACTOR IS TO FACILITATE PRELIMINARY INSPECTIONS NO LESS THAN TWO WEEKS BEFORE THE FINAL INSPECTION DATES AND ADVISE THE G.C. AND OWNER OF THE SCHEDULED TIMES AND DATES OF THE INSPECTIONS.
10. **TEMPORARY FACILITIES**
   A. PROVIDE AND PAY FOR TEMPORARY FACILITIES NEEDED TO COMPLETE THE WORK. THESE TEMPORARY FACILITIES INCLUDE, BUT ARE NOT LIMITED TO, FIRST AID, FIRE PROTECTION, SECURITY, CONSTRUCTION STORAGE, MOISTURE CONTROL, SCAFFOLDING, TRASH AND DEBRIS REMOVAL, LIGHTS, TELEPHONE, TOILETS AND HEAT AND VENTILATION IF REQUIRED.
   B. PROVIDE TEMPORARY PARTITIONS AND SECURE LOCKABLE DOORS AS REQUIRED BY OWNER BETWEEN NEW WORK AND ANY EXISTING CONDITIONS TO BE TEMPORARILY OCCUPIED. SEAL AREAS OF WORK SO THAT CONSTRUCTION DIRT AND DUST IS NOT TRANSMITTABLE TO ADJACENT SPACES OUTSIDE THE DEFINED SCOPE OF WORK.
11. **GUARANTEE OF WORK AND MATERIAL**
   A. GUARANTEE ALL WORK AND MATERIALS FOR A PERIOD OF ONE YEAR FOLLOWING FINAL ACCEPTANCE OF THE BUILDING BY THE OWNER. CARRY OUT NECESSARY REPAIRS, PATCHING, ADJUSTMENTS, REVISIONS, ETC., REQUIRED DURING GUARANTEE PERIOD AT NO ADDITIONAL COST TO THE OWNER. STOP WATER LEAKS, REPAIR SETTLEMENT AND SHRINKAGE CRACKS, REMEDY DEFECTS OR DEFICIENCIES CAUSED BY POOR WORKMANSHIP OR THE USE OF INFERIOR MATERIAL OR EQUIPMENT (WHICH DOES NOT MEET REQUIREMENTS NOTED AND/OR SPECIFIED). CORRECT DAMAGE CAUSED BY WATER LEAKS DURING THE GUARANTEE PERIOD TO ORIGINAL CONDITION. CORRECT DEFECTS PROMPTLY UPON NOTICE BY THE OWNER. DO NOT DISTURB WORK GUARANTEED UNDER ANOTHER CONTRACT WITHOUT WRITTEN PERMISSION FROM THAT CONTRACTOR.
   B. THE GUARANTEE PERIOD SHALL NOT TERMINATE UNTIL CORRECTIVE MAINTENANCE REQUIRED DURING THE PERIOD IS COMPLETED TO THE SATISFACTION OF THE OWNER AND G.C. IF CONTRACTOR FAILS TO PROCEED OR COMPLY WITH THE TERMS OF THIS GUARANTEE, THE OWNER RESERVES THE RIGHT TO HAVE THE REPAIRS CORRECTED BY OTHERS AND BACK-CHARGE THE CONTRACTOR FOR COSTS
   C. INCURRED, AND TO MAKE CLAIM AGAINST THE CONTRACTOR AS TO CHARACTER, QUALITY AND QUANTITY OF WORK AND MATERIALS FURNISHED.
12. **DEMOLITION**
   A. UNLESS OTHERWISE INDICATED, DEMOLITION WASTE BECOMES PROPERTY OF CONTRACTOR.
   B. REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
   C. STANDARDS: COMPLY WITH ANSI/ASSE A10.6 AND NFPA 241.
   D. HAZARDOUS MATERIALS: HAZARDOUS MATERIALS, IF ENCOUNTERED, WILL BE REMOVED BY OWNER'S SEPARATELY CONTRACTED SPECIALIZED ABATEMENT CONTRACTOR. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY ARCHITECT AND OWNER. HAZARDOUS MATERIALS WILL BE REMOVED BY OWNER UNDER A SEPARATE CONTRACT.
   E. LIGHTING FIXTURES: SEPARATE LAMPS BY TYPE AND PROTECT FROM BREAKAGE AND DISPOSE OF IN A LAWFUL MANNER. VERIFY AND ASSURE PROPER DISPOSAL OF LIGHT FIXTURE BALLASTS CONTAINING PCB'S.
   F. EXAMINATION: VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED AND CAPPED BEFORE STARTING DEMOLITION OPERATIONS. PERFORM AN ENGINEERING SURVEY OF CONDITION OF BUILDING TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF STRUCTURE OR ADJACENT STRUCTURES DURING SELECTIVE DEMOLITION OPERATIONS. VERIFY THAT HAZARDOUS MATERIALS HAVE BEEN REMEDIATED BEFORE PROCEEDING WITH BUILDING DEMOLITION OPERATIONS.
   G. REFRIGERANT: REMOVE REFRIGERANT FROM MECHANICAL EQUIPMENT ACCORDING TO 40 CFR 82 AND REGULATIONS OF AUTHORITIES HAVING JURISDICTION BEFORE STARTING DEMOLITION.
   H. EXISTING UTILITIES: LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF UTILITIES SERVING BUILDINGS AND STRUCTURES TO BE DEMOLISHED. OWNER WILL ARRANGE TO SHUT OFF INDICATED UTILITIES WHEN REQUESTED BY CONTRACTOR.
   I. TEMPORARY SHORING: PROVIDE AND MAINTAIN INTERIOR AND EXTERIOR SHORING, BRACING, OR STRUCTURAL SUPPORT TO PRESERVE STABILITY AND PREVENT UNEXPECTED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED.
   J. CLEAN SALVAGED ITEMS OF DIRT AND DEMOLITION DEBRIS.
   K. EXISTING UTILITIES: MAINTAIN UTILITY SERVICES TO REMAIN AND PROTECT FROM DAMAGE DURING DEMOLITION OPERATIONS. DO NOT INTERRUPT EXISTING UTILITIES SERVING ADJACENT OCCUPIED OR OPERATING FACILITIES UNLESS AUTHORIZED IN WRITING BY OWNER AND AUTHORITIES HAVING JURISDICTION.
   L. TEMPORARY PROTECTION: ERECT TEMPORARY PROTECTION, SUCH AS WALKS, FENCES, RAILINGS, CANOPIES, AND COVERED PASSAGEWAYS, WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION. PROTECT WALLS, WINDOWS, ROOFS, AND OTHER ADJACENT EXTERIOR CONSTRUCTION THAT ARE TO REMAIN AND THAT ARE EXPOSED TO BUILDING DEMOLITION OPERATIONS. ERECT AND MAINTAIN DUSTPROOF PARTITIONS AND TEMPORARY ENCLOSURES TO LIMIT DUST, NOISE, AND DIRT MIGRATION TO OCCUPIED PORTIONS OF ADJACENT BUILDINGS.
   M. GENERAL: DO NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. MAINTAIN PORTABLE FIRE-SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS. MAINTAIN FIRE WATCH IN ACCORDANCE WITH LOCAL FIRE MARSHAL'S REQUIREMENTS. MAINTAIN ADEQUATE VENTILATION WHEN USING CUTTING TORCHES. LOCATE BUILDING DEMOLITION EQUIPMENT AND REMOVE DEBRIS AND MATERIALS SO AS NOT TO IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING.
   N. DISPOSAL OF MATERIALS: REMOVE DEMOLITION WASTE MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

END OF GENERAL NOTES

DEMOLITION NOTES

** DEMOLITION NOTES APPLY TO 'AREAS NOTED'

01. CAREFULLY REMOVE AND DISCARD EXISTING DOOR, DOOR HARDWARE, AND DOOR AND SIDELIGHT FRAME. PREPARE OPENING AS NEEDED FOR INSTALLATION OF NEW 2 X 6 ALUMINUM STOREFRONT ENTRANCE SYSTEM.
02. CAREFULLY REMOVE AND DISCARD EXISTING DOOR, DOOR HARDWARE, DOOR AND SIDELIGHT FRAME, AND RELATED INTERIOR WOOD MOLDING. PREPARE OPENING AS NEEDED FOR INSTALLATION OF NEW 2 X 1 ALUMINUM CURTAIN WALL ENTRANCE SYSTEM. PATCH/REPAIR EXTG PLASTER WALL FINISH AS NEEDED TO PROVIDE A SEAMLESS SURFACE TRANSITION BETWEEN NEW AND EXISTING FINISHES.
03. CAREFULLY REMOVE AND DISCARD EXISTING DOOR AND DOOR HARDWARE. PREPARE OPENING AS NEEDED FOR INSTALLATION OF NEW SOLID CORE WOOD VENEER DOOR WITH VISION PANEL, AND DOOR HARDWARE.
04. CAREFULLY REMOVE AND DISCARD EXISTING DOOR AND DOOR HARDWARE. REMOVE AND DISCARD WOOD DOOR STOP. INFILL MORTISE HINGE LOCATIONS WITH WOOD PUTTY AND SAND SMOOTH. PATCH AND SAND EXISTING WOOD CASED OPENING AS NEEDED FOR PAINTING.
05. CAREFULLY REMOVE AND DISCARD EXISTING DOOR, DOOR HARDWARE, DOOR FRAME, AND RELATED WOOD TRIM. PREPARE OPENING FOR GWB INFILL. SEE PARTIAL PLAN 02/A-3.
06. CAREFULLY REMOVE AND DISCARD EXISTING BUILT-IN WOOD STORAGE CABINET AND CLOSET. PATCH/REPAIR EXPOSED PLASTER CEILING FINISH AS NEEDED TO PROVIDE A SEAMLESS SURFACE TRANSITION WITH ADJOINING PLASTER CEILING FINISH. PLACE CEMENTITIOUS SELF-LEVELING COMPOUND OVER CONCRETE SUB-FLOOR AS NEEDED TO PROVIDE FLUSH SURFACE TRANSITION BETWEEN EXISTING FLOOR FINISHES.
07. CAREFULLY REMOVE AND DISCARD EXISTING CARPET, WALL BASE, AND FLOOR FINISH TRANSITION STRIPS. PREPARE CONCRETE SUB-FLOOR FOR NEW CARPET TILE FLOOR FINISH INSTALLATION BY REMOVING EXISTING CARPET ADHESIVE. REMOVE EXISTING ADHESIVE BY MECHANICAL MEANS. DO NOT USE SOLVENTS.
08. CAREFULLY REMOVE AND DISCARD EXISTING WALL BASE. PREPARE EXISTING WALL SURFACE AS REQUIRED FOR NEW WALL BASE INSTALLATION.
09. CAREFULLY REMOVE AND DISCARD EXISTING 2 X 2 ACOUSTIC CEILING TILES. EXISTING SUSPENDED CEILING SYSTEM SHALL REMAIN IN PLACE FOR INSTALLATION OF NEW 2 X 2 TEGULAR CEILING TILES. COORDINATE REMOVAL OF EXISTING LIGHTING AND OTHER CEILING MOUNTED DEVICES WITH MEP DRAWINGS. SEE ENLARGED REFLECTED CEILING PLAN, DRAWING A-3, FOR EXTENT OF CEILING WORK.
10. CAREFULLY CUT AND REMOVE EXISTING CEILING TILE AND SUSPENDED CEILING SYSTEM AS NEED FOR INSTALLATION OF NOMINAL 2 X 4 ALUMINUM STOREFRONT SYSTEM. SEE FLOOR PLAN 01/A-2 FOR FRAME LOCATION.
11. REMOVE AND DISCARD EXISTING PAIR OF DOORS, DOOR HARDWARE, AND DOOR FRAME. REMOVE AND DISCARD EXISTING PARTITION ASSEMBLY EACH SIDE OF DOOR FRAME TO MAINTAIN EXISTING CORRIDOR WIDTH. PATCH/REPAIR EACH CORRIDOR WALL SURFACE AS NEEDED TO PROVIDE A SEAMLESS SURFACE TRANSITION WITH ADJOINING WALL FINISH.
12. CAREFULLY REMOVE AND SALVAGE FOR OWNERS USE, EXISTING FLAT SCREEN TV AND MOUNTING BRACKET.
13. CAREFULLY REMOVE AND DISCARD EXISTING STEEL HANDRAILS, RUBBER STAIR TREADS AND RISERS. PREPARE STAIR SUBSTRATE AS NEEDED FOR APPLICATION OF NEW RUBBER TREADS AND RISERS. CAREFULLY REMOVE AND DISCARD RAISED WOOD MOLDING, TYPICAL OF (6) OPENINGS, AND WOOD CAP AT STAIR LANDING. SEE PARTIAL INTERIOR ELEVATIONS, DRAWING A-3, FOR PROPOSED WORK AT SAME LOCATION.
14. REMOVE AND DISCARD EXISTING POSTAL BOXES, COUNTER, COILING SHUTTER, AND RELATED TRIM WORK TYPICAL TO EACH SIDE OF OPENING. PREPARE EXISTING OPENING AS NEEDED FOR METAL STUD AND GWB INFILL ASSEMBLY. PATCH/REPAIR AND INTERFACE, NEW GWB SURFACE WITH ADJACENT PLASTER WALL SURFACE. PROVIDE A SEAMLESS SURFACE TRANSITION BETWEEN EACH SURFACE.
15. PREPARE EXISTING LINOLEUM OR SHEET VINYL FLOOR FINISH FOR NEW CARPET TILE FLOOR FINISH INSTALLATION AS FOLLOWS:
    LINOLEUM - THOROUGHLY CLEAN EXISTING FLOOR SURFACE. APPLY LINOLEUM SAFE STRIPPER TO REMOVE WAX TOPCOAT.
    SHEET VINYL - THOROUGHLY CLEAN EXISTING FLOOR SURFACE. REMOVE EXISTING WAX TOPCOAT WITH COMPATIBLE NON SOLVENT STRIPPER OR BY SANDING.
16. CAREFULLY REMOVE AND DISCARD EXISTING PLASTIC CORNER GUARDS, TYPICAL OF 4. PATCH/REPAIR EXISTING PLASTER WALL FINISH AS NEEDED PRIOR TO APPLICATION OF NEW PAINT FINISH.
17. EXISTING BUILT-IN WARDROBE. MINOR DEMOLITION AND FINISH ALTERATIONS REQUIRED. SEE ENLARGED PLAN AND ELEVATION INFORMATION, DRAWING A-5. PROVIDE FLOOR PROTECTION DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.

DEMOLITION SYMBOLS KEY

- EXISTING CONSTRUCTION ASSEMBLY, EQUIPMENT, OR OTHER PHYSICAL CONDITION SCHEDULED TO REMAIN
- EXISTING CONSTRUCTION ASSEMBLY, EQUIPMENT, OR OTHER PHYSICAL CONDITION SCHEDULED FOR REMOVAL OR SALVAGE. SEE DEMOLITION NOTES.
- ITEM(S) SCHEDULED FOR DEMOLITION OR SALVAGE. SEE DEMOLITION NOTES.
- CEILING HEIGHT DUST BARRIER. 10 MIL PLASTIC OR OTHER ACCEPTABLE MATERIAL. COORDINATE DUST BARRIER LOCATION IN FIELD WITH OWNER.
- PROTECT AND MAINTAIN EXISTING LVT FLOOR FINISH WITH ADEQUATE COVERING RELATIVE TO WORK AT A GIVEN LOCATION.

GENERAL NOTES - DEMOLITION

1. GENERAL CONTRACTOR MUST PROTECT AND MAINTAIN THE INTEGRITY OF ALL MECHANICAL AND ELECTRICAL SYSTEMS, AND THEIR RESPECTIVE COMPONENTS THAT SERVICE BUILDING AREAS NOT PART OF THIS PROJECT.
2. GENERAL CONTRACTOR SHALL PATCH ADJACENT WALL OR FLOOR SURFACES AFFECTED BY DEMOLITION OR CONSTRUCTION ACTIVITIES. MATCH ADJACENT SURFACE FINISH. PROVIDE A SEAMLESS TRANSITION BETWEEN NEW AND EXISTING SURFACES.
3. GENERAL CONTRACTOR SHALL ADEQUATELY PROTECT EXISTING WALL, FLOOR, AND CEILING FINISHES THAT ARE ADJACENT TO SURFACE FINISHES, MATERIALS, OR CONSTRUCTION ASSEMBLIES SCHEDULED FOR REMOVAL.

03.28.22
OWNER REQUESTED REVISION

PROFESSIONAL SEAL

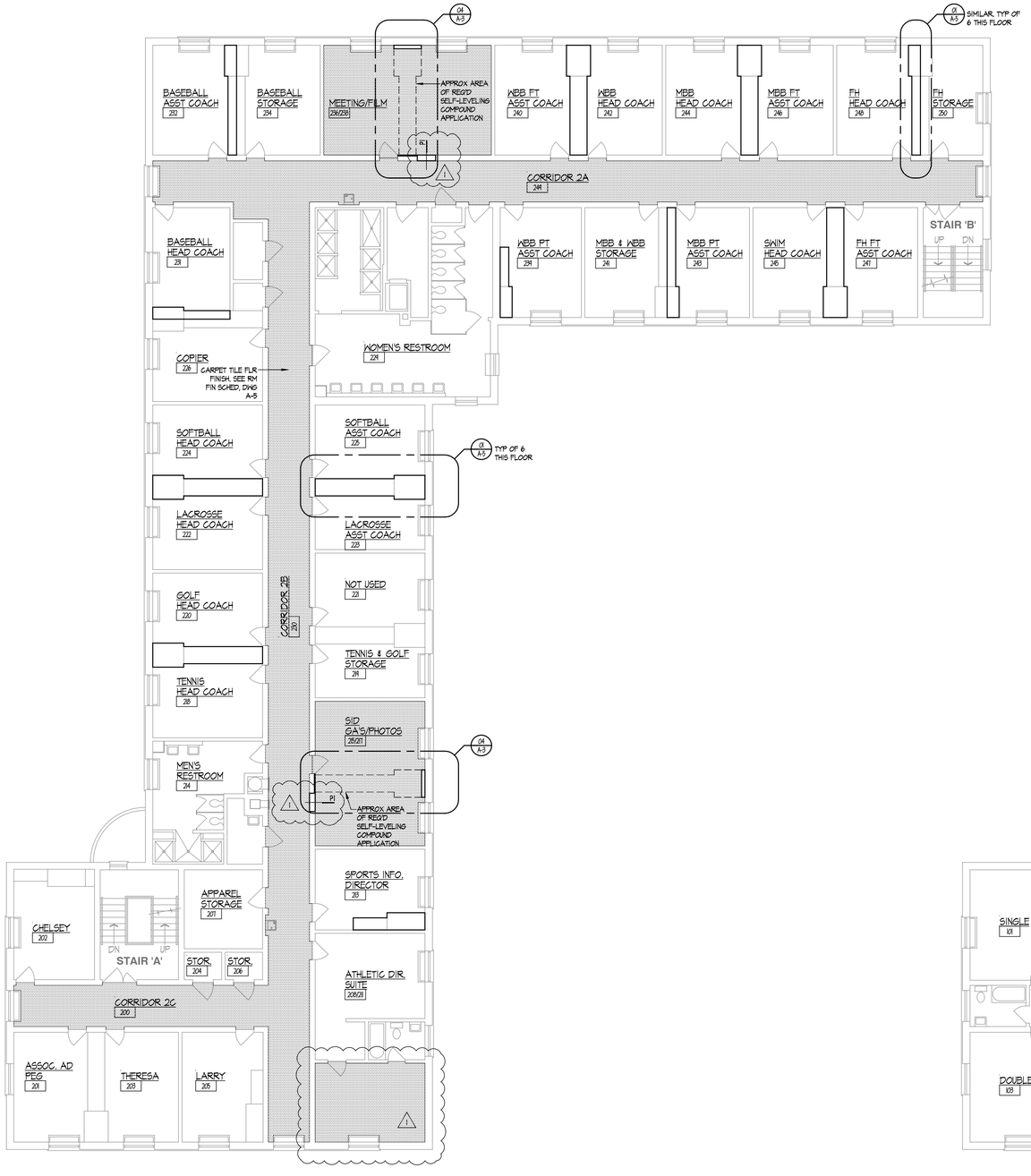
KAUTTER & KELLEY ARCHITECTS
5 Belmont Avenue
Wyomissing, PA 19610
Tel 610.372.9980
www.kautterkelley.com

ALTERATIONS FOR:
LEHIGH HALL, MILLERSVILLE UNIVERSITY
NORTH PRINCE STREET
MILLERSVILLE, LANCASTER CO., PA

GENERAL NOTES;
DEMOLITION PLANS & NOTES

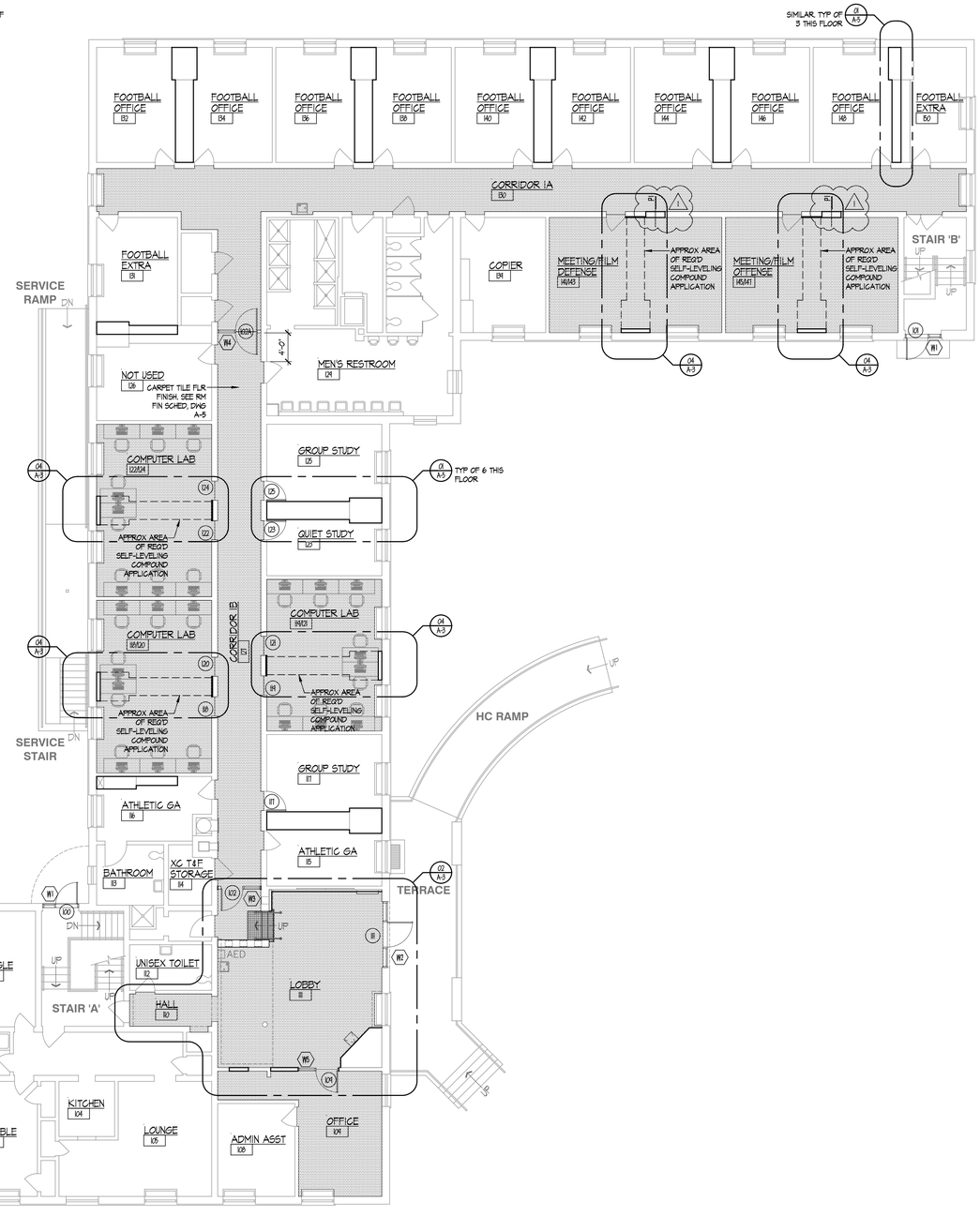
PROJ. NO.: MI-1209
DATE: 02.23.2022
SCALE: AS NOTED

A-1



02 A-2 PLAN - SECOND FLOOR

SCALE: 1/8" = 1'-0"



01 A-2 PLAN - FIRST FLOOR

SCALE: 1/8" = 1'-0"

SYMBOLS KEY

- 100 — PARTITION TYPE
- 00 — DOOR IDENTIFICATION TAG
- W0 — WINDOW IDENTIFICATION TAG
- ROOM NAME 000 — ROOM IDENTIFICATION TAG
- NEW CARPET INSTALLATION. SEE ROOM FINISH SCHEDULE & MATERIAL FINISH LEGEND, DRAWING A-5

WALL TYPE

REFER TO WALL SECTIONS, PARTITION TYPES, AND DETAILS FOR ADDITIONAL INFORMATION

- EXISTING CONSTRUCTION ASSEMBLY, EQUIPMENT, OR OTHER PHYSICAL CONDITION SCHEDULED TO REMAIN
- NEW METAL STUD PARTITION, FRAMING, OR OTHER CONSTRUCTION ASSEMBLY

NOTES

1. GENERAL CONTRACTOR MUST PROTECT AND MAINTAIN THE INTEGRITY OF ALL EXISTING MATERIAL SURFACE FINISHES, FIXTURES, FURNISHINGS, MECHANICAL SYSTEMS, ELECTRICAL SYSTEMS, PLUMBING SYSTEMS, AND RELATED COMPONENTS THAT ARE NOT CONSIDERED PART OF THE "WORK" FOR THIS PROJECT.
2. THE GENERAL CONTRACTOR SHALL CONFIRM AND PREPARE ALL SUB-FLOOR SURFACE CONDITION REQUIREMENTS WITH RESPECTIVE FLOOR SYSTEM SUB-CONTRACTOR/INSTALLER PRIOR TO THE PLACEMENT OF EACH NEW FLOOR FINISH SYSTEM.
3. GENERAL CONTRACTOR - WOOD USED FOR BLOCKING AND BACKING PANELS MUST BE FIRE RETARDANT TREATED WOOD. VERIFY FIRE RETARDANT REQUIREMENTS OF MATERIALS WITH THE 2015 INTERNATIONAL BUILDING CODE, SECTION 603 - COMBUSTIBLE MATERIAL IN TYPE I AND 2 CONSTRUCTION.

DOCUMENT
FOR CONSTRUCTION

1 03.28.22
OWNER REQUESTED REVISION

PROFESSIONAL SEAL

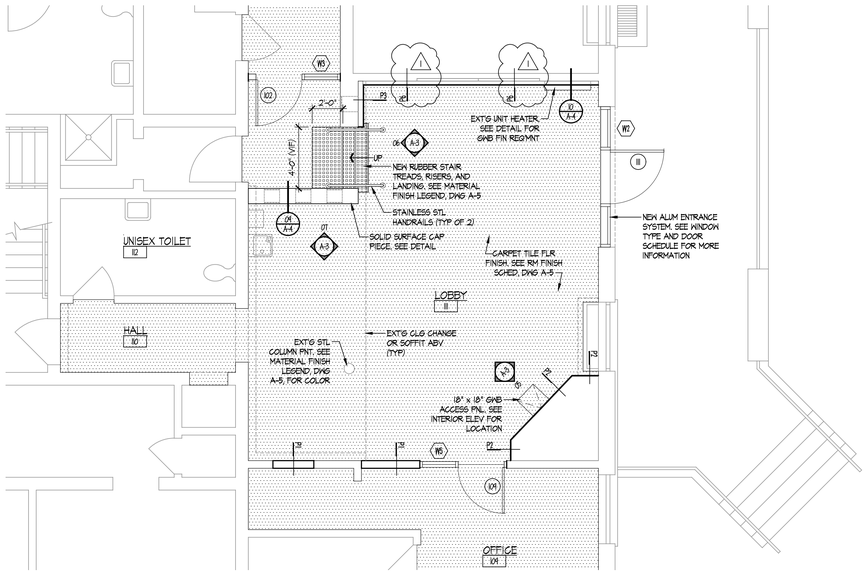
KAUTTER & KELLEY ARCHITECTS
6 Belmont Avenue
Wyomissing, PA 19610
Tel 610.372.9960
www.kautterkelley.com

ALTERATIONS FOR:
LEHIGH HALL, MILLERSVILLE UNIVERSITY
NORTH PRINCE STREET
MILLERSVILLE, LANCASTER CO., PA

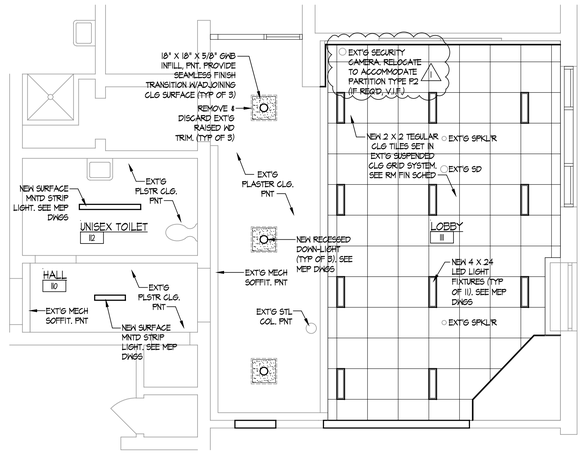
1ST & 2ND FLOOR PLAN

PROJ. NO.: MI-1209
DATE: 02.23.2022
SCALE: AS NOTED

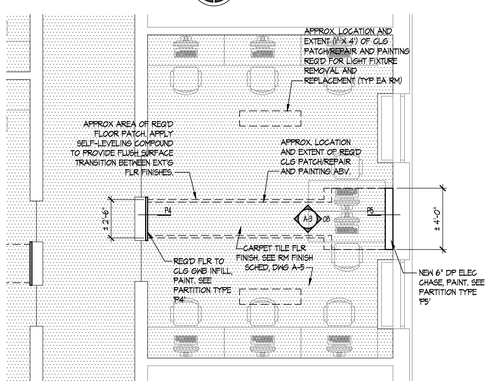
A-2



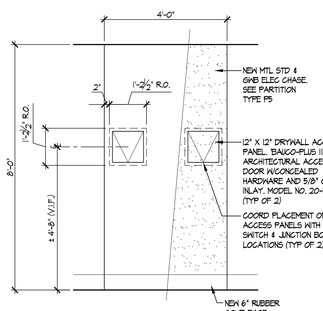
02 A-3 **PARTIAL PLAN - 1ST FLOOR LOBBY**
SCALE: 1/4" = 1'-0"



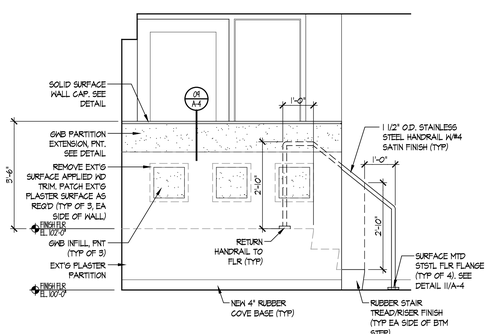
03 A-3 **REFLT'D CLG PLAN - 1ST FLOOR LOBBY**
SCALE: 1/4" = 1'-0"



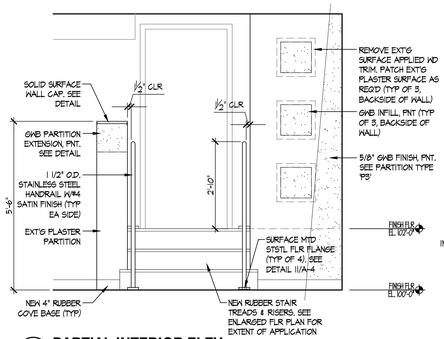
04 A-3 **PARTIAL PLAN - TYP. DOUBLE RM.**
SCALE: 1/4" = 1'-0"



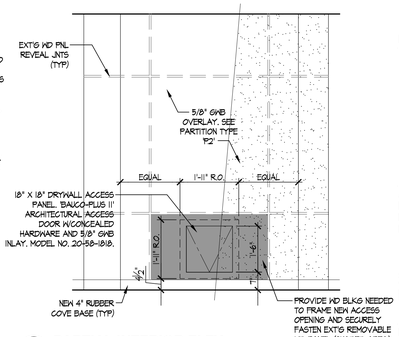
06 A-3 **PARTIAL INTERIOR ELEV.**
SCALE: 1/2" = 1'-0"



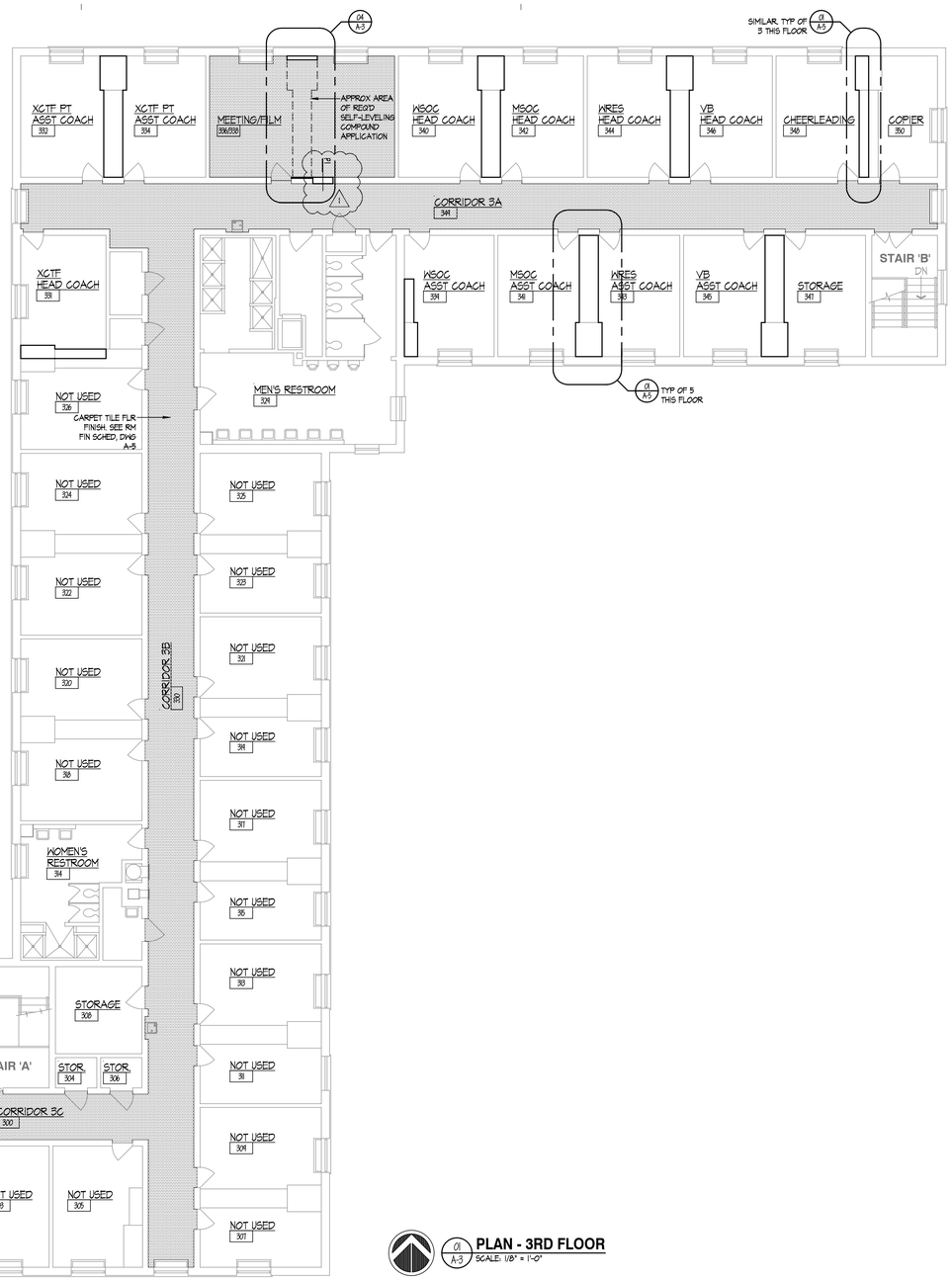
07 A-3 **PARTIAL INTERIOR ELEV.**
SCALE: 1/2" = 1'-0"



06 A-3 **PARTIAL INTERIOR ELEV.**
SCALE: 1/2" = 1'-0"



05 A-3 **PARTIAL INTERIOR ELEV.**
SCALE: 1/2" = 1'-0"



01 A-3 **PLAN - 3RD FLOOR**
SCALE: 1/8" = 1'-0"

SYMBOLS KEY

- P00 — PARTITION TYPE
- 00 — DOOR IDENTIFICATION TAG
- W0 — WINDOW IDENTIFICATION TAG
- ROOM NAME 000 — ROOM IDENTIFICATION TAG
- NEW CARPET INSTALLATION. SEE ROOM FINISH SCHEDULE & MATERIAL FINISH LEGEND, DRAWING A-5

WALL TYPE

REFER TO WALL SECTIONS, PARTITION TYPES, AND DETAILS FOR ADDITIONAL INFORMATION

- EXISTING CONSTRUCTION ASSEMBLY, EQUIPMENT, OR OTHER PHYSICAL CONDITION SCHEDULED TO REMAIN
- NEW METAL STUD PARTITION, FRAMING, OR OTHER CONSTRUCTION ASSEMBLY

NOTES

1. GENERAL CONTRACTOR MUST PROTECT AND MAINTAIN THE INTEGRITY OF ALL EXISTING MATERIAL SURFACE FINISHES, FIXTURES, FURNISHINGS, MECHANICAL SYSTEMS, ELECTRICAL SYSTEMS, PLUMBING SYSTEMS, AND RELATED COMPONENTS THAT ARE NOT CONSIDERED PART OF THE "WORK" FOR THIS PROJECT.
2. THE GENERAL CONTRACTOR SHALL CONFIRM AND PREPARE ALL SUB-FLOOR SURFACE CONDITION REQUIREMENTS WITH RESPECTIVE FLOOR SYSTEM SUB-CONTRACTOR/INSTALLER PRIOR TO THE PLACEMENT OF EACH NEW FLOOR FINISH SYSTEM.
3. GENERAL CONTRACTOR - WOOD USED FOR BLOCKING AND BACKING PANELS MUST BE FIRE RETARDANT TREATED WOOD. VERIFY FIRE RETARDANT REQUIREMENTS OF MATERIALS WITH THE 2015 INTERNATIONAL BUILDING CODE, SECTION 603 - COMBUSTIBLE MATERIAL IN TYPE I AND 2 CONSTRUCTION.

DOCUMENT
FOR CONSTRUCTION

1 05.28.22
OWNER REQUESTED REVISION

PROFESSIONAL SEAL

KAUTTER & KELLEY ARCHITECTS
5 Belmont Avenue
Wyomissing, PA 19610
Tel 610.372.9960
www.kautterkelley.com

ALTERATIONS FOR:
LEHIGH HALL, MILLERSVILLE UNIVERSITY
NORTH FRINGE STREET
MILLERSVILLE, LANCASTER CO., PA

3RD FLOOR; PARTIAL PLANS; PARTIAL INTERIOR ELEVS.

PROJ. NO.: 2108
DATE: 02.23.2022
SCALE: AS NOTED

A-3

DOOR HARDWARE INFORMATION

1. FOR FIRE-RATED OPENINGS PROVIDE HARDWARE TESTED AND LISTED BY UL OR FM6 (NFPA 80). ON EXIT DEVICES PROVIDE UL OR FM6 LABEL INDICATING "FIRE EXIT HARDWARE".
2. DOOR HARDWARE: AS INDICATED IN THE "DOOR HARDWARE SETS" SCHEDULE.
   A. NONREMOVABLE HINGE PINS FOR EXTERIOR AND PUBLIC INTERIOR EXPOSURE.
   B. CYLINDERS WITH 6-PIN TUMBLERS.
   C. DOGGING FEATURE ON NON-FIRE-RATED EXIT DEVICES.
3. KEY LOCKS TO OWNER'S NEW MASTER-KEY SYSTEM. PROVIDE KEY CONTROL SYSTEM, INCLUDING CABINET.
4. MOUNT HARDWARE IN LOCATIONS RECOMMENDED BY THE DOOR AND HARDWARE INSTITUTE, UNLESS OTHERWISE INDICATED.
5. TYPICAL HARDWARE TRIM TO BE LEVER STYLE WITH CIRCULAR escutcheon IN CAST METAL. PROVIDE BUSHED CHROME PLATED US26D OR STAINLESS STEEL US32D FINISH TYPICAL. THESE "DOOR HARDWARE SETS" IS WRITTEN USING SARGENT/ASSA ABLOY NOMENCLATURE AND 10-LINE CYLINDRICAL LEVER LOCKS AND 1800/8200 MORTISE LOCKS. VERIFY SUPPLY OF APPROVED FIRE RATED HARDWARE FOR ALL DOOR ASSEMBLIES THAT ARE INTEGRAL TO FIRE RATED PARTITION ASSEMBLIES. HOLLOW METAL DOOR FRAMES TO RECEIVE (3) RUBBER SILENCERS, TYPICAL.

DOOR HARDWARE SETS

HARDWARE SET 01
DOORS # 100, 101

1 EA.	CYLINDER

NOTE: BALANCE OF HARDWARE BY ALUM STOREFRONT DOOR MANUFACTURER SHALL INCLUDE BUT NOT BE LIMITED TO:

3 EA.	STAINLESS STEEL BALL BEARING HINGE
1 EA.	MFR'S STANDARD 12" CO-12 PULL
1 EA.	MORTISE PUBLIC ENTRANCE LOCKSET
1 EA.	OVERHEAD SURFACE DOOR CLOSER W/100° DEAD STOP THUMB TURN HOLD OPEN ARM
1 EA.	PUSH BAR/EXIT DEVICE
1 EA.	ALUMINUM THRESHOLD
1 EA.	WEATHER STRIPPING/HEAD, JAMB, SILL
3 EA.	SILENCER
1 EA.	ELECTRIC FRAME, STRIKE, & DOOR HARNESS (LENGTH & TYPE AS REQUIRED)
1 EA.	CARD READER (BY SECURITY SUPPLIER)
1 EA.	POSITION SWITCH
1 EA.	POWER SUPPLY

ELECTRONIC OPENING TO OPERATE AS FOLLOWS: OUTSIDE CARD READER (WALL MOUNTED) SIGNALS POWER SUPPLY TO RELEASE FAIL SECURE ELECTRIC LOCK. ALLOWING ENTRY BY LEVER, KEY OVERRIDE. INSIDE, FREE EGRESS AT ALL TIMES BY PUSH BAR/EXIT DEVICE.

1 HARDWARE SET 02
DOORS # 102

3 EA.	BALL BEARING HINGE
1 EA.	MORTISE PUBLIC ENTRANCE LOCKSET
1 EA.	PUSH BAR/EXIT DEVICE
1 EA.	STAINLESS STEEL KICK PLATE
1 EA.	OVERHEAD SURFACE DOOR CLOSER W/90° DEAD STOP THUMB TURN HOLD OPEN ARM
1 EA.	WALL STOP
3 EA.	SILENCER
1 EA.	ELECTRIC FRAME, STRIKE, & DOOR HARNESS (LENGTH & TYPE AS REQUIRED)
1 EA.	CARD READER (BY SECURITY SUPPLIER)
1 EA.	POSITION SWITCH
1 EA.	POWER SUPPLY

ELECTRONIC OPENING TO OPERATE AS FOLLOWS: OUTSIDE CARD READER (WALL MOUNTED) SIGNALS POWER SUPPLY TO RELEASE FAIL SECURE ELECTRIC LOCK. ALLOWING ENTRY BY LEVER, KEY OVERRIDE. INSIDE, FREE EGRESS AT ALL TIMES BY PUSH BAR/EXIT DEVICE.

HARDWARE SET 03
DOORS # 102A (DOUBLE ACTING DOOR)

2 EA.	CENTER PIVOT HINGE
1 EA.	MORTISE PASSAGE LOCKSET
2 EA.	PUSH BAR/BAR EXIT DEVICE EACH SIDE
2 EA.	STAINLESS STEEL KICK PLATE EACH SIDE
1 EA.	OVERHEAD SURFACE DOOR CLOSER W/90° DEAD STOP THUMB TURN HOLD OPEN ARM
2 EA.	WALL STOP

HARDWARE SET 04
DOORS # 111

1 EA.	CYLINDER

NOTE: BALANCE OF HARDWARE BY ALUM STOREFRONT DOOR MANUFACTURER SHALL INCLUDE BUT NOT BE LIMITED TO:

2 EA.	OFFSET PIVOT HINGE
1 EA.	BRUSHED STAINLESS STEEL 12" CO-12 PULL
1 EA.	MORTISE PUBLIC ENTRANCE LOCKSET
1 EA.	OVERHEAD SURFACE DOOR CLOSER W/100° DEAD STOP THUMB TURN HOLD OPEN ARM
1 EA.	PUSH BAR/EXIT DEVICE
1 EA.	ALUMINUM THRESHOLD
1 EA.	WEATHER STRIPPING/HEAD, JAMB, SILL
3 EA.	SILENCER
1 EA.	ELECTRIC FRAME, STRIKE, & DOOR HARNESS (LENGTH & TYPE AS REQUIRED)
1 EA.	CARD READER (BY SECURITY SUPPLIER)
1 EA.	POSITION SWITCH
1 EA.	POWER SUPPLY

ELECTRONIC OPENING TO OPERATE AS FOLLOWS: OUTSIDE CARD READER (WALL MOUNTED) SIGNALS POWER SUPPLY TO RELEASE FAIL SECURE ELECTRIC LOCK. ALLOWING ENTRY BY LEVER, KEY OVERRIDE. INSIDE, FREE EGRESS AT ALL TIMES BY PUSH BAR/EXIT DEVICE.

HARDWARE SET 05
DOORS # 117, 123, 125

3 EA.	BUTT HINGES
1 EA.	CYLINDRICAL PASSAGE LOCKSET. MATCH EXISTING HANDLE STYLE AND FINISH.
1 EA.	WALL STOP
3 EA.	SILENCER

1 HARDWARE SET 06
NOT USED

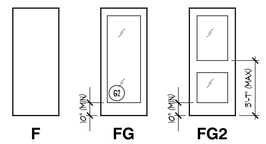
HARDWARE SET 07
DOORS # 104

3 EA.	BALL BEARING HINGE
1 EA.	MORTISE OFFICE LOCKSET
1 EA.	OVERHEAD SURFACE DOOR CLOSER W/90° DEAD STOP THUMB TURN HOLD OPEN ARM
3 EA.	SILENCER

DOOR SCHEDULE

No.	OPENING WIDTH	OPENING HEIGHT	THICK-NESS	TYPE	MAT'L	FRAME DETAILS JAMB	FRAME DETAILS HEAD	SADDLE	FINISH	LABEL	HARD-WARE SET No.	REMARKS
100	3'-0"	6'-8"	2"	F62	ALUM	-	-	SI	MFR KYNAR	-	01	1, 3, 5, 8
101	3'-0"	6'-8"	2"	F62	ALUM	-	-	SI	MFR KYNAR	-	01	1, 3, 5, 8
102	3'-0"	6'-10"	1 3/4"	F62	SGHD	-	-	-	STAIN	-	02	1, 2, 5
102A	3'-0"	7'-0"	1 3/4"	F62	SGHD	-	06/A-4	-	STAIN	-	03	1, 2
109	3'-0"	7'-0"	1 3/4"	FG	SGHD	06A/A-4	06A/A-4 SIMILAR	-	STAIN	-	07	2
111	3'-6"	7'-2"	2"	F62	ALUM	05/A-4 SIMILAR	05/A-4	SI	MFR KYNAR	-	04	1, 3, 5, 8
117	2'-8"	6'-8"	1 3/4"	FG	SGHD	-	-	-	STAIN	-	05	1, 2, 6
118	2'-8"	6'-8"	-	-	-	-	-	-	-	-	-	7
119	2'-8"	6'-8"	-	-	-	-	-	-	-	-	-	7
120	2'-8"	6'-8"	-	-	-	-	-	-	-	-	-	7
121	2'-8"	6'-8"	-	-	-	-	-	-	-	-	-	7
122	2'-8"	6'-8"	-	-	-	-	-	-	-	-	-	7
123	2'-8"	6'-8"	1 3/4"	FG	SGHD	-	-	-	STAIN	-	05	1, 2, 6
124	2'-8"	6'-8"	-	-	-	-	-	-	-	-	-	7
125	2'-8"	6'-8"	1 3/4"	FG	SGHD	-	-	-	STAIN	-	05	1, 2, 6
1												
1												
1												
1												
1												

DOOR TYPES



DOOR SCHEDULE KEY

MATERIAL:
ALUM — ALUMINUM DOOR AND FRAME
SGHD — SOLID CORE HOOD DOOR WITH PLAIN SLICED RED OAK VENEER FINISH (ASSUMED). MATCH EXISTING. VERIFY IN FIELD

FINISH:
MFR KYNAR — B.O.D. - KAWNEER PERMAFLUOR ARCHITECTURAL PAINT FINISH. COLOR - CHARCOAL.
STAIN — COLOR - MATCH EXISTING HOOD VENEER DOOR FINISH.

REMARKS:
1. PROVIDE TACTILE "EXIT" SIGNS COMPLYING WITH ICC A117.1 ADJACENT EACH DOOR. COORDINATE SIGN LAYOUT AND GRAPHIC WITH MILLERSVILLE UNIVERSITY SIGNAGE STANDARDS.
2. 1/4" TEMPERED GLASS
3. 1" INSULATED TEMPERED GLAZING. SEE WINDOW SCHEDULE KEY.
4. NOT USED.
5. COORDINATE CARD READER LOCATION WITH MILLERSVILLE UNIVERSITY.
6. COORDINATE DOOR HINGE LOCATION AND INSTALLATION WITH EXISTING HOOD DOOR FRAME CONDITIONS.
7. PAINTED HOOD CASED OPENING. SEE DEMOLITION NOTE '04', DRAWING A-1, FOR MORE INFORMATION.
8. ALUMINUM ENTRANCE DOOR BASIS-OF-DESIGN KAWNEER 500 HEAVY WALL DOOR WITH PERMAFLUOR 70% PVDF PAINT FINISH. COLOR - CHARCOAL.

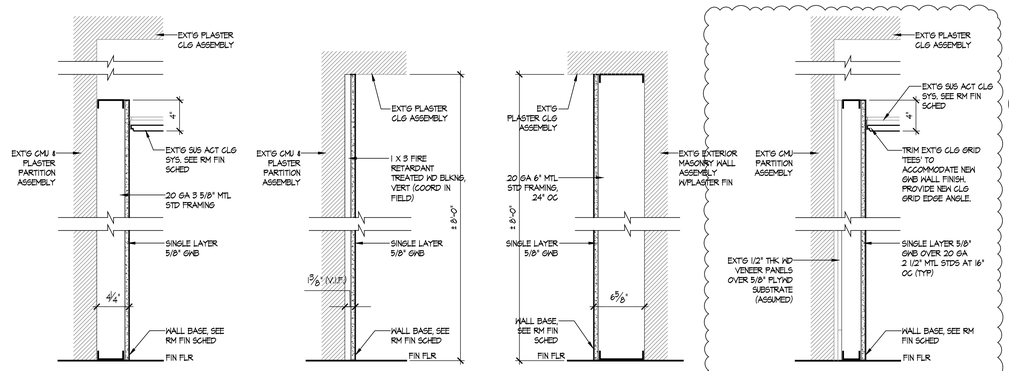
WINDOW INFORMATION

GLAZING:
G1 — CLEAR 1" (NOM.) INSULATED TEMPERED GLAZING: VITRO ARCHITECTURAL GLASS, SOLARBAN 60, #2 SURFACE LOWE GLASS. CLEAR. ULTRAVIOLET TRANSMITTANCE: 18% VISIBLE TRANSMITTANCE: 70% WINTER U: .29 SUMMER U: .27 SOLAR HEAT GAIN COEFFICIENT: .34
G2 — CLEAR 1/4" TEMPERED GLAZING

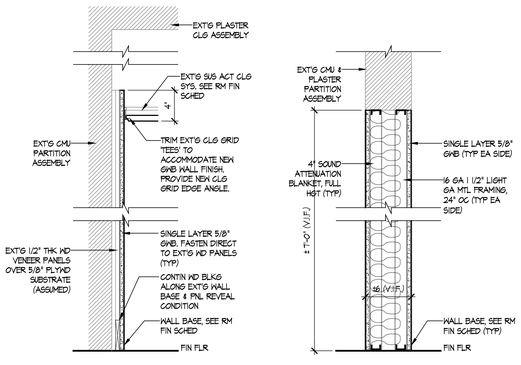
NOTES:
1. DESIGN WIND LOAD (EXTERIOR FRAMES): 40 MPH.
2. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO MATERIAL PROCUREMENT AND FABRICATION.
3. ALUMINUM STOREFRONT AND CURTAIN WALL SYSTEM BASIS-OF-DESIGN KAWNEER WITH PERMAFLUOR 70% PVDF PAINT FINISH. COLOR - CHARCOAL.

DOCUMENT
FOR CONSTRUCTION

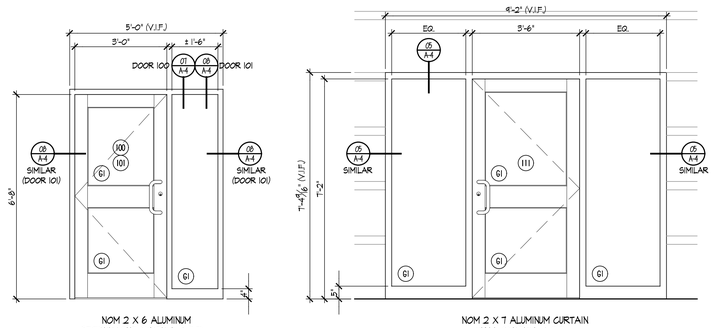
1 05.28.22
OWNER REQUESTED REVISION



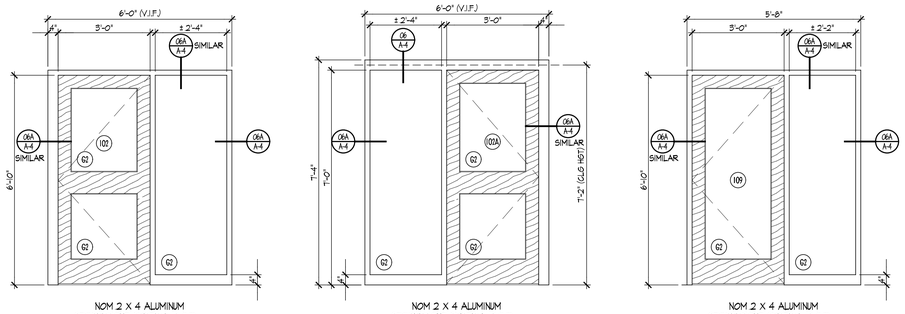
14 A-4 **PARTITION TYPE 'P3'** SCALE: 1 1/2" = 1'-0"
15 A-4 **PARTITION TYPE 'P4'** SCALE: 1 1/2" = 1'-0"
16 A-4 **PARTITION TYPE 'P5'** SCALE: 1 1/2" = 1'-0"
1 17 A-4 **PARTITION TYPE 'P6'** SCALE: 1 1/2" = 1'-0"



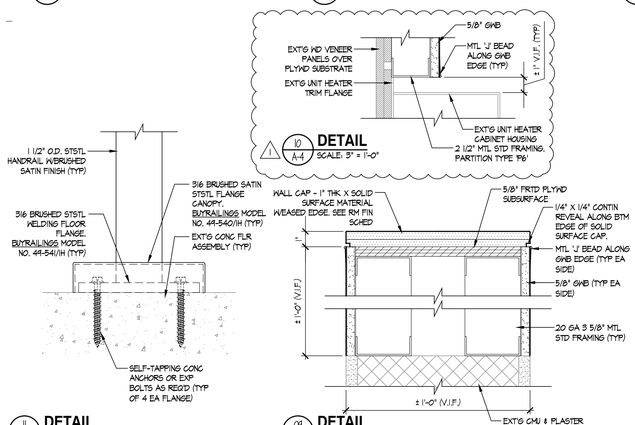
13 A-4 **PARTITION TYPE 'P2'** SCALE: 1 1/2" = 1'-0"
12 A-4 **PARTITION TYPE 'P1'** SCALE: 1 1/2" = 1'-0"



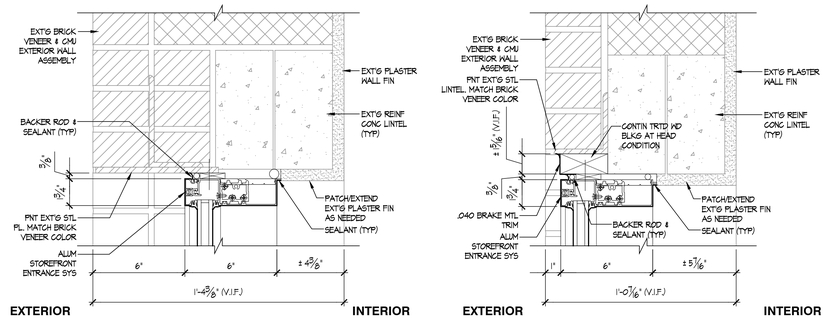
01 A-4 **WINDOW TYPE 'W1'** SCALE: 1/2" = 1'-0"
02 A-4 **WINDOW TYPE 'W2'** SCALE: 1/2" = 1'-0"



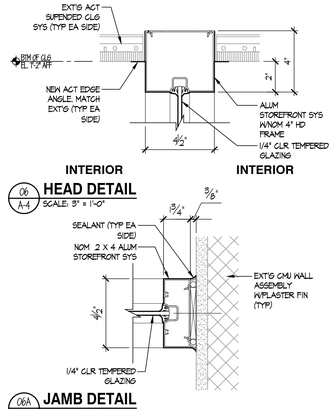
03 A-4 **WINDOW TYPE 'W3'** SCALE: 1/2" = 1'-0"
04 A-4 **WINDOW TYPE 'W4'** SCALE: 1/2" = 1'-0"
11 A-4 **WINDOW TYPE 'W5'** SCALE: 1/2" = 1'-0"



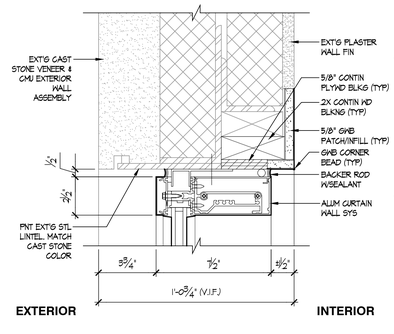
10 A-4 **DETAIL** SCALE: 3" = 1'-0"
11 A-4 **DETAIL** SCALE: 6" = 1'-0"
09 A-4 **DETAIL** SCALE: 3" = 1'-0"



08 A-4 **HEAD DETAIL (JAMB SIMILAR)** SCALE: 3" = 1'-0"
07 A-4 **HEAD DETAIL** SCALE: 3" = 1'-0"



06 A-4 **HEAD DETAIL** SCALE: 3" = 1'-0"
06A A-4 **JAMB DETAIL** SCALE: 3" = 1'-0"



05 A-4 **HEAD DETAIL (JAMB SIMILAR)** SCALE: 3" = 1'-0"

PROFESSIONAL SEAL

KAUTTER & KELLEY ARCHITECTS
6 Belmont Avenue
Wyomissing, PA 19610
Tel 610.372.9980
www.kautterkelley.com

ALTERATIONS FOR:
LEHIGH HALL, MILLERSVILLE UNIVERSITY
NORTH PRINCE STREET
MILLERSVILLE, LANCASTER CO., PA

DOOR SCHEDULE, WINDOW TYPES, DETAILS

PROJ. NO.: MI-1209
DATE: 02.23.2022
SCALE: AS NOTED

A-4

ROOM FINISH SCHEDULE - 3RD FLOOR

No.	NAME	FLOOR	BASE	WALL	CLG	CLG HT	DETAILS BASE	DETAILS CLG	DETAILS OTHER	REMARKS
300	CORRIDOR 3G	CARP-2	VB-2	PAINT-1	-	-	-	-	-	1, 2, 3, 7, 11
301	NOT USED	-	-	-	-	-	-	-	-	-
302	NOT USED	-	-	-	-	-	-	-	-	-
303	NOT USED	-	-	-	-	-	-	-	-	-
304	STORAGE	-	-	-	-	-	-	-	-	-
305	NOT USED	-	-	-	-	-	-	-	-	-
306	STORAGE	-	-	-	-	-	-	-	-	-
307	NOT USED	-	-	-	-	-	-	-	-	-
308	STORAGE	-	-	-	-	-	-	-	-	-
309	NOT USED	-	-	-	-	-	-	-	-	-
311	NOT USED	-	-	-	-	-	-	-	-	-
313	NOT USED	-	-	-	-	-	-	-	-	-
314	WOMEN'S RESTROOM	-	-	-	-	-	-	-	-	-
315	NOT USED	-	-	-	-	-	-	-	-	-
317	NOT USED	-	-	-	-	-	-	-	-	-
318	NOT USED	-	-	-	-	-	-	-	-	-
319	NOT USED	-	-	-	-	-	-	-	-	-
320	NOT USED	-	-	-	-	-	-	-	-	-
321	NOT USED	-	-	-	-	-	-	-	-	-
322	NOT USED	-	-	-	-	-	-	-	-	-
323	NOT USED	-	-	-	-	-	-	-	-	-
324	NOT USED	-	-	-	-	-	-	-	-	-
325	NOT USED	-	-	-	-	-	-	-	-	-
326	NOT USED	-	-	-	-	-	-	-	-	-
329	MEN'S RESTROOM	-	-	-	-	-	-	-	-	-
330	CORRIDOR 3B	CARP-2	VB-2	PAINT-1	-	-	-	-	-	1, 2, 3, 7, 11
331	XCTF HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
332	XCTF PT ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
334	XCTF PT ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
336, 338	MEETING/FILM	CARP-1	VB-2	PAINT-2	PAINT-4	-	-	-	-	2, 3, 6, 9, 10
339	WSOC ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
340	WSOC HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
341	MSOC ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
342	MSOC HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
343	WRES ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
344	WRES HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
345	VB ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
346	VB HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
347	STOARGE	-	-	-	-	-	-	-	-	9
348	CHEERLEADING	-	-	-	PAINT-4	-	-	-	-	9
349	CORRIDOR 3A	CARP-2	VB-2	PAINT-1	-	-	-	-	-	1, 2, 3, 7, 11
350	COPIER	-	-	-	PAINT-4	-	-	-	-	9

ROOM FINISH SCHEDULE - 2ND FLOOR

No.	NAME	FLOOR	BASE	WALL	CLG	CLG HT	DETAILS BASE	DETAILS CLG	DETAILS OTHER	REMARKS
200	CORRIDOR 2G	CARP-2	VB-2	PAINT-1	-	-	-	-	-	1, 2, 3, 7, 11
201	ASSOC. AD - PEG	-	-	-	PAINT-4	-	-	-	-	9
202	CHELSEY	-	-	-	PAINT-4	-	-	-	-	9
203	THERSA	-	-	-	PAINT-4	-	-	-	-	9
204	STORAGE	-	-	-	-	-	-	-	-	-
205	LARRY	-	-	-	PAINT-4	-	-	-	-	9
206	STORAGE	-	-	-	-	-	-	-	-	-
207	APPAREL STORAGE	-	-	-	-	-	-	-	-	-
208, 211	ATHLETIC DIR. SUITE	CARP-1	VB-2	PAINT-2	PAINT-4	-	-	-	-	2, 9, 10
213	SPORTS INFO. DIRECTOR	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
214	MEN'S RESTROOM	-	-	-	-	-	-	-	-	-
215, 217	SID GAS/PHOTOS	CARP-1	VB-2	PAINT-2	PAINT-4	-	-	-	-	2, 3, 6, 9, 10
218	TENNIS HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
219	TENNIS & GOLF STORAGE	-	-	-	-	-	-	-	-	-
220	GOLF HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
221	NOT USED	-	-	-	-	-	-	-	-	-
222	LACROSSE HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
223	LACROSSE ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
224	SOFTBALL HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
225	SOFTBALL ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
226	COPIER	-	-	-	PAINT-4	-	-	-	-	9
229	WOMEN'S RESTROOM	-	-	-	-	-	-	-	-	-
230	CORRIDOR 2B	CARP-2	VB-2	PAINT-1	-	-	-	-	-	1, 2, 3, 7, 11
231	BASEBALL HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
232	BASEBALL ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
234	BASEBALL STORAGE	-	-		-	-	-	-	-	-
236, 238	MEETING/FILM	CARP-1	VB-2	PAINT-2	PAINT-4	-	-	-	-	2, 3, 6, 9, 10
239	WBB PT ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
240	WBB FT ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
241	MBB & WBB STORAGE	-	-	-	-	-	-	-	-	-
242	WBB HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
243	MBB PT ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
244	MBB HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
245	SWIM HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
246	MBB FT ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
247	FH FT ASST COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
248	FH HEAD COACH	-	-	PAINT-2	PAINT-4	-	-	-	-	9, 12
249	CORRIDOR 2A	CARP-2	VB-2	PAINT-1	-	-	-	-	-	1, 2, 3, 7, 11
250	FH STORAGE	-	-	-	-	-	-	-	-	-

ROOM FINISH SCHEDULE - 1ST FLOOR

No.	NAME	FLOOR	BASE	WALL	CLG	CLG HT	DETAILS BASE	DETAILS CLG	DETAILS OTHER	REMARKS
101	SINGLE	-	-	-	-	-	-	-	-	-
103	DOUBLE	-	-	-	-	-	-	-	-	-
104	KITCHEN	-	-	-	-	-	-	-	-	-
105	LOUNGE	-	-	-	-	-	-	-	-	-
108	ADMIN ASST	-	-	-	-	-	-	-	-	-
109	OFFICE	CARP-2	VB-1	PAINT-1	PAINT-3	-	-	-	-	2, 3, 11
110	HALL	CARP-1	VB-1	PAINT-1	PAINT-3	-	-	-	-	1, 2, 11
111	LOBBY	CARP-1, RUB-1	VB-1	PAINT-1	PAINT-3, ACT-1	-	-	-	-	1, 2, 3, 4, 5, 8, 11
112	UNISEX TOILET	-	-	PAINT-1	PAINT-3	-	-	-	-	1, 2, 11
113	BATHROOM	-	-	-	-	-	-	-	-	-
114	XC T&F STORAGE	-	-	-	-	-	-	-	-	1, 2
115	ATHLETIC GA	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
116	ATHLETIC GA	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
117	GROUP STUDY	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
118, 120	COMPUTER LAB	CARP-1	VB-2	PAINT-2	PAINT-4	-	-	-	-	2, 3, 6, 9, 10
119, 121	COMPUTER LAB	CARP-1	VB-2	PAINT-2	PAINT-4	-	-	-	-	2, 3, 6, 9, 10
122, 124	COMPUTER LAB	CARP-1	VB-2	PAINT-2	PAINT-4	-	-	-	-	2, 3, 6, 9, 10
123	QUIET STUDY	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
125	GROUP STUDY	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
126	NOT USED	-	-	-	-	-	-	-	-	2, 3
127	CORRIDOR 1B	CARP-2	VB-2	PAINT-1	-	-	-	-	-	1, 2, 3, 7, 11
129	MEN'S RESTROOM	-	-	-	-	-	-	-	-	1, 2
130	CORRIDOR 1A	CARP-2	VB-2	PAINT-1	-	-	-	-	-	1, 2, 3, 7, 11
131	FOOTBALL EXTRA	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
132	FOOTBALL OFFICE	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
134	FOOTBALL OFFICE	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
136	FOOTBALL OFFICE	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
138	FOOTBALL OFFICE	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
139	COPIER	-	-	-	PAINT-4	-	-	-	-	2, 3, 9
140	FOOTBALL OFFICE	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
141, 143	MEETING/FILM DEFENSE	CARP-1	VB-2	PAINT-2	PAINT-4	-	-	-	-	2, 3, 6, 9, 10
142	FOOTBALL OFFICE	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
144	FOOTBALL OFFICE	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
145, 147	MEETING/FILM OFFENSE	CARP-1	VB-2	PAINT-2	PAINT-4	-	-	-	-	2, 3, 6, 9, 10
148	FOOTBALL OFFICE	-	-	PAINT-2	PAINT-4	-	-	-	-	2, 3, 9, 12
150	FOOTBALL EXTRA	-	-	-	PAINT-4	-	-	-	-	2, 3, 9

MATERIAL FINISH LEGEND

FLOOR MATERIAL

CARP-1 MODULAR CARPET TILE - 'SKINNY PLANK'
MANUFACTURER: INTERFACE
STYLE: BIKE PATH COLLECTION BP411
SIZE: 9.845" X 39.38"
PATTERN: M1014
COLOR: CUSTOM COLOR SAMPLE NUMBER "2T0661-001" LICORICE/YELLOW
INSTALLATION: ASHLAR WITH INTERFACE TACTILES' GLUE FREE CONNECTORS. COORDINATE ASHLAR DIRECTION W/ARCHITECT

CARP-2 MODULAR CARPET TILE - 'SKINNY PLANK'
MANUFACTURER: INTERFACE
STYLE: BIKE PATH COLLECTION BP411
SIZE: 9.845" X 39.38"
PATTERN: M1014
COLOR: CUSTOM COLOR SAMPLE NUMBER "2T0661-001" LICORICE/YELLOW
INSTALLATION: ASHLAR WITH INTERFACE XL ADHESIVE 2000 PLUS'. COORDINATE ASHLAR DIRECTION W/ARCHITECT

RUB-1 ANGLE FIT RUBBER TREAD RISERS (W/O INTEGRATED RISERS) AND LANDING
MANUFACTURER: TARKETT
STYLE/TEXTURE: RAISED SQUARE
COLOR: 40 BLACK B.

RESILIENT WALL BASE & ACCESSORIES

VB-1 TRADITIONAL VINYL COVE BASE
MANUFACTURER: TARKETT
HEIGHT: 4"
COLOR: BLACK (A-5)

VB-2 TRADITIONAL VINYL COVE BASE
MANUFACTURER: TARKETT
HEIGHT: 6"
COLOR: BLACK (A-5)

FT-1 FLOOR FINISH TRANSITIONS. LOCATE APPROPRIATE TRANSITION STRIP UNDER CENTER OF DOOR OR WHERE EXISTING CONDITIONS DICTATE.
COLOR: BLACK (A-5)

WALL FINISH MATERIAL

PAINT-1 NEW GYPSUM WALL BOARD OR EXISTING PLASTER FINISH:
(2) COATS SHERWIN WILLIAMS PREGAT ACRYLIC EPOXY EGGSHELL PAINT (BASIS-OF-DESIGN).
COLOR: 'WHITETAIL' SW 7103

PAINT-2 NEW GYPSUM WALL BOARD OR EXISTING PLASTER FINISH:
(2) COATS SHERWIN WILLIAMS PREGAT ACRYLIC EPOXY EGGSHELL PAINT (BASIS-OF-DESIGN).
COLOR: MATCH EXISTING

INTERIOR TRIM PAINT FINISH

MTL STEEL DOOR, DOOR FRAME, STEEL WINDOW FRAME, STEEL COLUMN:
(2) COATS SHERWIN WILLIAMS PRO CLASSIC ACRYLIC SEMI-GLOSS PAINT (BASIS-OF-DESIGN).
COLOR: 'CYBERSPACE' SW 7076

WD WOOD DOOR FRAME OR CASED OPENING:
(2) COATS SHERWIN WILLIAMS PRO CLASSIC ACRYLIC SEMI-GLOSS PAINT (BASIS-OF-DESIGN).
COLOR: 'CYBERSPACE' SW 7076

CEILING FINISH MATERIAL

ACT-1 24" x 24" x 5/8" ARMSTRONG ACOUSTIC CEILING TILE. #1752 FINE FISSURED TEGULAR MEDIUM TEXTURE LAY-IN TILE.
COLOR: 'WHITE'

PAINT-3 NEW GYPSUM WALL BOARD OR EXISTING PLASTER FINISH.
(2) COATS SHERWIN WILLIAMS PREGAT ACRYLIC EPOXY FLAT PAINT (BASIS-OF-DESIGN).
COLOR: 'HIGH REFLECTIVE WHITE' SW 7757

PAINT-4 NEW GYPSUM WALL BOARD OR EXISTING PLASTER FINISH.
(2) COATS SHERWIN WILLIAMS PREGAT ACRYLIC EPOXY FLAT PAINT (BASIS-OF-DESIGN).
COLOR: MATCH EXISTING

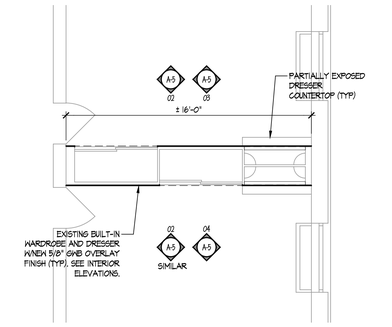
MISCELLANEOUS MATERIAL FINISH

SSM SOLID SURFACE MATERIAL - DUPONT CORIAN SOLID SURFACE.
COLOR: 'DESIGNER WHITE'

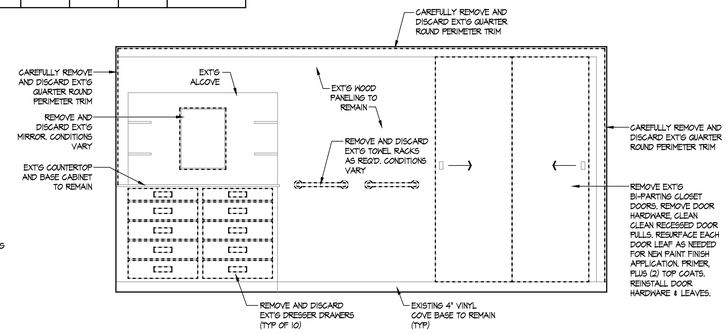
NOTE: ALTERNATE INTERIOR PAINT SYSTEM - BENJAMIN MOORE ULTRA SPEC SCUFF-X INTERIOR EGGSHELL FINISH 485 AND ULTRA SPEC SCUFF-X INTERIOR SEMI-GLOSS FINISH 487. MATCH B.O.D. COLOR SELECTION. SUBMIT PAINT SCHEDULE WITH CORRESPONDING COLOR SAMPLES TO ARCHITECT FOR REVIEW.

ROOM FINISH REMARKS

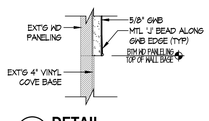
1. PAINT EXISTING METAL DOOR FRAME(S). SEE INTERIOR TRIM PAINT FINISH, MATERIAL FINISH LEGEND - MTL
2. FLOOR FINISH TRANSITION REQUIRED. SEE FT-1, MATERIAL FINISH LEGEND.
3. PAINT EXISTING WOOD DOOR FRAME OR CASED OPENING. SEE INTERIOR TRIM PAINT FINISH, MATERIAL FINISH LEGEND - WD
4. RUBBER STAIR TREADS, RISERS, AND LANDING. SEE MATERIAL FINISH LEGEND.
5. PAINT EXISTING STEEL COLUMN. SEE INTERIOR TRIM PAINT FINISH, MATERIAL FINISH LEGEND - MTL
6. MATCH EXISTING RUBBER COVE BASE COLOR.
7. PAINT EXISTING STEEL DOORS. SEE INTERIOR TRIM PAINT FINISH, MATERIAL FINISH LEGEND - MTL.
8. SOLID SURFACE MATERIAL (SSM). SEE MATERIAL FINISH LEGEND, PARTIAL INTERIOR ELEVATION 05/A-3, AND DETAIL 09/A-4.
9. TOUCH-UP PAINTING REQUIRED AROUND NEW LIGHT FIXTURE INSTALLATION. APPROX. 1'X4' IN AREA.
PAINT COLOR - MATCH EXISTING.
10. TOUCH-UP PAINTING REQUIRED AT WALL AND CEILING SURFACES AFFECTED BY REMOVAL OF BUILT-IN STORAGE CABINETS.
PAINT COLOR - MATCH EXISTING.
11. APPLY NEW PAINT FINISH PAINT-1 AND PAINT-3 OVER EXISTING SURFACES INDICATED.
12. TOUCH-UP PAINTING REQUIRED AT ADJOINING WALL AND CEILING SURFACES AFFECTED BY INSTALLATION OF GWB OVER EXISTING BUILT-IN WARDROBE.
PAINT COLOR - MATCH EXISTING



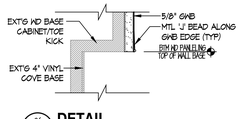
01 A-5 **PLAN - TYP. WARDROBE**
SCALE: 1/4" = 1'-0"



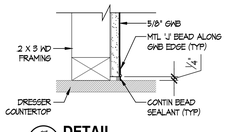
02 A-5 **WARDROBE ELEV. - DEMOLITION (TYP.)**
SCALE: 1/2" = 1'-0"



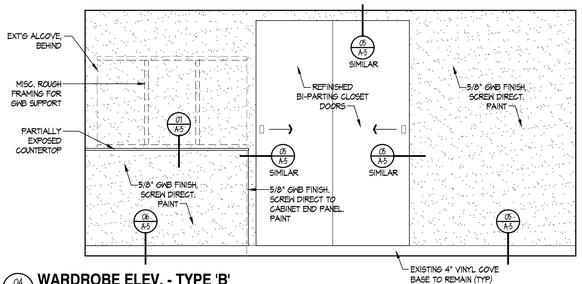
05 A-5 **DETAIL**
SCALE: 3" = 1'-0"



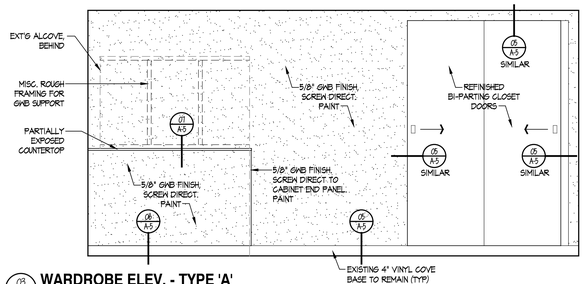
06 A-5 **DETAIL**
SCALE: 3" = 1'-0"



07 A-5 **DETAIL**
SCALE: 3" = 1'-0"



04 A-5 **WARDROBE ELEV. - TYPE 'B'**
SCALE: 1/2" = 1'-0"



03 A-5 **WARDROBE ELEV. - TYPE 'A'**
SCALE: 1/2" = 1'-0"

DOCUMENT
FOR CONSTRUCTION

1 03.28.22
OWNER REQUESTED REVISION

PROFESSIONAL SEAL

KAUTTER & KELLEY ARCHITECTS
5 Belmont Avenue
Wyomissing, PA 19610
Tel 610.372.9960
www.kautterkelley.com

ALTERATIONS FOR:
LEHIGH HALL, MILLERSVILLE UNIVERSITY
NORTH PRINCE STREET
MILLERSVILLE, LANCASTER CO., PA

ROOM FINISH SCHEDULES;
WARDROBE ENCAPSULATION

PROJ. NO.: MI-1209
DATE: 02.23.2022
SCALE: AS NOTED

A-5

LIGHTING SYMBOLS

- LIGHTING FIXTURE, CEILING MOUNTED
- LIGHTING FIXTURE, WALL MOUNTED
- LIGHTING FIXTURE, PENDANT MOUNTED
- TRACK LIGHT, TRIANGLES INDICATE TRACK FIXTURES
- LED LIGHT TAPE
- EMERGENCY LIGHTING FIXTURE
- EMERGENCY BATTERY TYPE LIGHTING FIXTURE
- EMERGENCY REMOTE HEAD TYPE LIGHTING FIXTURE
- EXIT SIGN, SINGLE FACE, CEILING/WALL MOUNTED
- EXIT SIGN, DOUBLE FACE, CEILING/WALL MOUNTED
- EXIT SIGN, AS ABOVE, WITH DIRECTIONAL ARROWS
- COMBINATION EXIT SIGN EMERGENCY LIGHT, SINGLE FACE, WALL MOUNTED
- $ SINGLE POLE TOGGLE SWITCH
- $3 THREE-WAY TOGGLE SWITCH
- $4 FOUR-WAY TOGGLE SWITCH
- $D DIMMER CONTROL SWITCH
- $LV LOW VOLTAGE PUSHBUTTON WALL STATION
- $LVD LOW VOLTAGE PUSHBUTTON WALL STATION WITH DIMMING CONTROL
- $O LIGHTING CONTROL OCCUPANCY/VACANCY SENSOR WALL SWITCH
- $OD LIGHTING CONTROL OCCUPANCY/VACANCY SENSOR DIMMING WALL SWITCH
- $WP WEATHERPROOF LIGHTING CONTROL SWITCH, TYPE AS NOTED
- $K WALL MOUNTED KEY SWITCH
- $F CEILING FAN SWITCH, COORDINATE STYLE AND CONTROL FUNCTION WITH FAN
- $S SHADE CONTROL SWITCH, COORDINATE STYLE AND CONTROL FUNCTION WITH SHADE
- (J)F CEILING FAN RATED JUNCTION BOX, CEILING MOUNTED
- OS LIGHTING CONTROL OCCUPANCY SENSOR, CEILING MOUNTED
- OC LIGHTING CONTROL OCCUPANCY SENSOR FOR CORRIDOR, CEILING MOUNTED
- OW LIGHTING CONTROL OCCUPANCY SENSOR, WALL MOUNTED
- C LIGHTING CONTACTOR, AS NOTED OR SCHEDULED
- TC TIME CLOCK
- RC LIGHTING ROOM CONTROLER, LOW VOLTAGE
- ZC LIGHTING ZONE CONTROLLER, LOW VOLTAGE
- DL LIGHTING DAYLIGHT SENSOR, CEILING MOUNTED
- ER EMERGENCY LIGHTING RELAY FOR OVERRIDE CONTROL
- POLE ARM MOUNTED SITE LIGHTING SINGLE FIXTURE
- POLE ARM MOUNTED SITE LIGHTING DOUBLE FIXTURE
- D POST TOP MOUNTED SITE LIGHTING FIXTURE
- PC PHOTOCELL, WALL MOUNTED

POWER SYMBOLS

- DUPLEX RECEPTACLE, NEMA CONFIGURATION 5-15R/5-20R, PER SPECIFICATION
- DOUBLE DUPLEX (QUAD) RECEPTACLE NEMA CONFIGURATION 5-15R/5-20R, PER SPECIFICATION
- DUPLEX RECEPTACLE AS ABOVE, GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE OR PROTECTED BY UPSTREAM GFCI RECEPTACLE.
- DUPLEX RECEPTACLE AS ABOVE, COUNTERTOP
- DUPLEX RECEPTACLE AS ABOVE, COUNTERTOP GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE OR PROTECTED BY UPSTREAM GFCI RECEPTACLE.
- WP WEATHER RESISTANT GFCI DUPLEX RECEPTACLE AS ABOVE, WITH WEATHERPROOF COVER
- R 20A SIMPLEX RECEPTACLE, DEDICATED FOR REFRIGERATOR
- W DUPLEX RECEPTACLE AS ABOVE, DEDICATED FOR CLOTHES WASHER
- M 20A SIMPLEX RECEPTACLE, DEDICATED FOR ABOVE RANGE MICROWAVE
- M DUPLEX RECEPTACLE AS ABOVE, DEDICATED FOR COUNTERTOP MICROWAVE
- D 20A SIMPLEX RECEPTACLE, DEDICATED FOR DISHWASHER
- H DUPLEX RECEPTACLE AS ABOVE, HORIZONTAL MOUNTING
- U DUPLEX RECEPTACLE AS ABOVE, WITH TWO INTEGRAL USB PORTS
- GD 20A SIMPLEX RECEPTACLE, DEDICATED FOR GARBAGE DISPOSAL
- DUPLEX RECEPTACLE AS ABOVE, SPLIT YOKE, BOTTOM SECTION OF RECEPTACLE SHALL BE SWITCHED, TOP SHALL ALWAYS BE HOT.
- DUPLEX RECEPTACLE AS ABOVE, STANDBY POWER (SUBSCRIPT DESIGNATIONS SAME AS ABOVE)
- DUPLEX RECEPTACLE AS ABOVE, CEILING MOUNTED.
- DUPLEX RECEPTACLE AS ABOVE, IN FLOOR BOX
- # COMBINATION DUPLEX RECEPTACLE/DATA OUTLET, IN FLOOR BOX, SIZE PER SPECIFICATION, "#" INDICATES TOTAL OUTLETS (HALF VOICE, HALF DATA). PROVIDE ONE VOICE AND ONE DATA IN ABSENCE OF A NUMBER
- TV COMBINATION REC/TV OUTLET, PROVIDE ARLINGTON "TVBS505 2G" W/ F-TYPE CONNECTOR (OR APPROVED EQUAL) AND RG6 CABLING; PROVIDE DUPLEX RECEPTACLE AND WIRING WITH VOLTAGE DIVIDER
- DUPLEX RECEPTACLE AS ABOVE, PROVIDE WITH CORD REEL MOUNTED TO STRUCTURE
- SIMPLEX SINGLE RECEPTACLE, NEMA CONFIGURATION 5-15R/5-20R PER SPECIFICATION (SUBSCRIPT DESIGNATIONS SAME AS ABOVE)
- SPECIAL RECEPTACLE, NEMA TYPE AS INDICATED ON PLAN
- R RANGE RECEPTACLE, NEMA 14-50R
- D DRYER RECEPTACLE, NEMA 14-30R
- 208Y/120V PANELBOARD, EXTENDED FRONT LINES INDICATE RECESSED, OTHERWISE SURFACE MOUNTED.
- 480Y/277V PANELBOARD, EXTENDED FRONT LINES INDICATE RECESSED, OTHERWISE SURFACE MOUNTED.
- 120/240V PANELBOARD, EXTENDED FRONT LINES INDICATE RECESSED, OTHERWISE SURFACE MOUNTED.
- J JUNCTION BOX - CEILING, WALL OR FLOOR MOUNTED
- $M MANUAL MOTOR STARTER SWITCH - NO OVERLOADS
- $MOL MANUAL MOTOR STARTER SWITCH - W/ OVERLOADS
- $T TIMER SWITCH
- SAFETY SWITCH
- COMBINATION TYPE MOTOR STARTER
- ENCLOSED CIRCUIT BREAKER
- MOTOR STARTER
- GAP GENERATOR ANNUNCIATOR PANEL
- EP EMERGENCY STOP PUSHBUTTON STATION
- MH IN-GRADE MANHOLE, TYPE AS NOTED
- HH IN-GRADE HANDHOLE, TYPE AS NOTED
- METER
- SMOKE ALARM INTERCONNECT WIRING
- UE UNDERGROUND ELECTRIC
- OE OVERHEAD ELECTRIC
- UT UNDERGROUND TELECOMMUNICATIONS
- OT OVERHEAD TELECOMMUNICATIONS

FIRE ALARM SYSTEM SYMBOLS

- FACP FIRE ALARM CONTROL PANEL
- FAAP FIRE ALARM ANNUNCIATOR PANEL
- FAEP FIRE ALARM EXPANDER PANEL
- F FIRE ALARM HORN/STROBE COMBINATION, WALL MOUNTED
- F FIRE ALARM STROBE, WALL MOUNTED
- F FIRE ALARM HORN, WALL MOUNTED
- F FIRE ALARM SPEAKER/STROBE, WALL MOUNTED
- F FIRE ALARM SPEAKER, WALL MOUNTED
- F FIRE ALARM HORN/STROBE COMBINATION, CEILING MOUNTED
- F FIRE ALARM STROBE, CEILING MOUNTED
- F FIRE ALARM HORN, CEILING MOUNTED
- F FIRE ALARM SPEAKER, CEILING MOUNTED
- F FIRE ALARM SPEAKER/STROBE, CEILING MOUNTED
- F FIRE ALARM MANUAL PULL STATION
- HD FIRE ALARM HEAT DETECTOR, CEILING MOUNTED
- SD FIRE ALARM SMOKE DETECTOR, CEILING MOUNTED
- DD FIRE ALARM DUCT SMOKE DETECTOR
- SC FIRE ALARM COMBINATION SMOKE/CARBON MONOXIDE DETECTOR, CEILING MOUNTED
- SD SINGLE- OR MULTI-STATION SMOKE DETECTOR, CEILING MOUNTED
- CO SINGLE- OR MULTI-STATION CARBON MONOXIDE DETECTOR, CEILING MOUNTED
- SC SINGLE- OR MULTI-STATION COMBINATION SMOKE/CARBON MONOXIDE DETECTOR, CEILING MOUNTED
- FS SPRINKLER FLOW SWITCH
- TS SPRINKLER VALVE TAMPER SWITCH
- PS DRY PIPE SPRINKLER PRESSURE SWITCH
- DH DOOR HOLD OPEN DEVICE
- CM CONTROL MODULE
- MM MONITOR MODULE
- FSD FIRE SMOKE DAMPER
- FH FIRE ALARM INTERFACE WITH HOOD SUPPRESSION SYSTEM
- F FIREMANS PHONE

COMMUNICATIONS SYSTEMS SYMBOLS

- # DATA OUTLET

PROVIDE 2-GANG BOX, WITH SINGLE GANG ADAPTER PLATE 3/4" CONDUIT W/BUSHING, AND PULLSTRING TO ABOVE ACCESSIBLE CEILING.

"#" INDICATES TOTAL CABLES & JACKS. PROVIDE TWO IN ABSENCE OF A NUMBER.

PROVIDE THE FOLLOWING :

JACKS : CAT6A BY PANDUIT #CJ6X88TGBU-C (BLUE) BOTH ENDS

FACEPLATE : 4 PORT PANDUIT #CFPSL 4WHY (WHITE)

CABLING : CAT6A BY COMMSCOPE #CS44P UN874035114/10 (BLUE) PLENUM RATED

ELECTRICAL MOUNTING HEIGHT SCHEDULE

$	SWITCHES	46" AFF TO ℄ (UNO)
	RECEPTACLES	42" AFF TO ℄ (UNO)
	MISC. EQUIPMENT BOXES	COORDINATE IN FIELD
F	MANUAL PULLSTATIONS	46" AFF TO ℄ (UNO)
F F F	WALL MOUNTED FIRE ALARM NOTIFICATION APPLIANCES	6'-8" AFF
	DATA OUTLET	42" AFF TO ℄ (UNO)

SECURITY

- CR CARD READER
- ES ELECTRIC STRIKE
- PS POWER SUPPLY
- LR LATCH RETRACTION
- DC DOOR CONTACT
- PB DOOR OPERATOR PUSH BUTTON

ELECTRICAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AL	ALUMINUM
ADA	AMERICAN DISABILITY ACT
AWG	AMERICAN WIRE GAUGE
A	AMPERE(S)
AIC	AMPERE INTERRUPTING CAPACITY
AFCI	ARC FAULT CIRCUIT INTERRUPTER
ATS	AUTOMATIC TRANSFER SWITCH
BATT	BATTERY
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
BPS	BOLTED PRESSURE SWITCH
BLDG	BUILDING
CATV	CABLE TELEVISION
C	CONDUIT
CLG	CEILING
CKT	CIRCUIT
C/B	CIRCUIT BREAKER
CONT	CONTINUATION
CU	COPPER
CT	CURRENT TRANSFORMER
Δ	DELTA CONNECTED
DACT	DIGITAL ALARM COMMUNICATOR TRANSMITTER
DC	DIRECT CURRENT
DISC	DISCONNECT
DAS	DISTRIBUTED ANTENNA SYSTEM
2P	DOUBLE POLE
DPDT	DOUBLE POLE, DOUBLE THROW
DPST	DOUBLE POLE, SINGLE THROW
DT	DOUBLE THROW
DWG	DRAWING
DE/TD	DUAL ELEMENT / TIME DELAY
EMT	ELECTRICAL METALLIC TUBING
E	EMERGENCY
EC	EMPTY CONDUIT
ECB	ENCLOSED CIRCUIT BREAKER
EMS	ENERGY MANAGEMENT SYSTEM
EV	ELECTRIC VEHICLE
EF	EXHAUST FAN
EX	EXISTING
ER	EXISTING RELOCATED
ETR	EXISTING TO REMAIN
FT	FEET
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FAEP	FIRE ALARM EXTENDER PANEL
4P	FOUR POLE
FLA	FULL LOAD AMPERES
F	FUSED OR FUSIBLE
FSS	FUSED SAFETY SWITCH
FS	FUSED SWITCH
G/GRD	GROUND
GB	GROUND BAR
GEC	GROUNDING ELECTRODE CONDUCTOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
HOA	HAND-OFF-AUTOMATIC
HZ	HERTZ
HID	HIGH INTENSITY DISCHARGE
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HP	HORSEPOWER
IG	ISOLATED GROUND
IT	INFORMATION TECHNOLOGY
ITGB	INFORMATION TECHNOLOGY GROUND BAR
J/JB	JUNCTION BOX
KV	KILOVOLTS
KVA	KILOVOLT-AMPERES
KW	KILOWATTS
LTG	LIGHTING
LED	LIGHT EMITTING DIODE
LRA	LOCKED ROTOR AMPS
LV	LOW VOLTAGE
MCB	MAIN CIRCUIT BREAKER
MGB	MAIN GROUND BAR
MLO	MAIN LUGS ONLY
MTS	MANUAL TRANSFER SWITCH
MISC	MISCELLANEOUS
MOD	MOTOR OPERATED DAMPER
MTD	MOUNTED
MH	MOUNTING HEIGHT
NEC	NATIONAL ELECTRICAL CODE
NL	NIGHT LIGHT (UNSWITCHED)
NFSS	NON-FUSED SAFETY SWITCH
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OE	OVERHEAD ELECTRIC
OT	OVERHEAD TELECOMMUNICATIONS
PNL	PANELBOARD
∅ / PH	PHASE
P	POLE
PVC	POLYVINYL CHLORIDE
PT	POTENTIAL TRANSFORMER
PWR	POWER
PF	POWER FACTOR
PRI	PRIMARY
REC	RECEPTACLE
RL	REMOVE AND RETAIN FOR RELOCATION
RM	ROOM
RMS	ROOT MEAN SQUARE
RX	REMOVE EXISTING
SS	SAFETY DISCONNECT SWITCH
SEC	SECONDARY
SD	SERVICE DISCONNECT
Isc	SHORT CIRCUIT CURRENT (RMS SYMMETRICAL AMPERES)
SCCR	SHORT CIRCUIT CURRENT RATING
1P	SINGLE POLE
SPDT	SINGLE POLE, DOUBLE THROW
SPST	SINGLE POLE, SINGLE THROW
ST	SINGLE THROW
S/N	SOLID NEUTRAL
SPD	SURGE PROTECTION DEVICE
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
TGB	TELECOMMUNICATIONS GROUND BAR
TMGB	TELECOMMUNICATIONS MAIN GROUND BAR
TELE	TELEPHONE
TTB	TELEPHONE TERMINAL BOARD
TMS	THERMAL MANUAL SWITCH
KCM	THOUSAND CIRCULAR MILS
3P	THREE POLE
XFMR	TRANSFORMER
TYP	TYPICAL
UE	UNDERGROUND ELECTRIC
UT	UNDERGROUND TELECOMMUNICATIONS
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
VA	VOLT-AMPERE
WH	WATER HEATER
W	WATTS, WIRE
WP	WEATHERPROOF
W/	WITH
WCR	WITHSTAND AND CLOSE-ON RATING
Y	WYE CONNECTED

GENERAL NOTES - DIVISION 26

1. PROVIDE LABOR, EQUIPMENT AND MATERIALS NECESSARY FOR THE INSTALLATION OF THE COMPLETE ELECTRICAL SYSTEM AS SPECIFIED HEREIN AND SHOWN ON THE CONTRACT DRAWINGS. OUTLINE DESCRIPTION AND DIAGRAMMATIC REPRESENTATION OF SYSTEM OPERATION AND EQUIPMENT DOES NOT LIMIT CONTRACTOR LIABILITY FOR FURNISHING AND INSTALLING COMPLETE AND OPERABLE SYSTEMS.
2. "DRAWING NOTES" APPLY TO WORK ON THAT INDIVIDUAL DRAWING. "SPECIFIC NOTES" APPLY ONLY WHERE INDICATED WITH THE "SPECIFIC NOTE" SYMBOL.
3. WIRE AND CONDUIT SIZES ARE BASED ON COPPER CONDUCTORS UNLESS SPECIFICALLY NOTED OTHERWISE.
4. VOLTAGE DROP CALCULATIONS ARE BASED ON CIRCUIT LOADING AND DISTANCES GENERALLY AS CIRCUITED ON PLAN. IF ALTERNATE CONDUIT ROUTING, CIRCUIT LOADING, OR CONDUCTOR MATERIAL IS PROVIDED, VERIFY VOLTAGE DROP, AND SUBMIT VOLTAGE DROP CALCULATIONS PER SPECIFICATION.
5. UNLESS OTHERWISE NOTED, CIRCUITS HAVE NOT BEEN DERATED FOR CONDUCTOR BUNDLING, NOR HAVE CONDUITS BEEN SIZED FOR MULTIPLE CIRCUITS. IF MULTIPLE CIRCUITS ARE INSTALLED IN A SINGLE RACEWAY, DERATE CONDUCTOR AMPACITY PER NEC, AND PROVIDE APPROPRIATE SIZE CONDUIT. WHERE CONDUIT SIZE INCREASES, COORDINATE WITH ADJACENT UTILITIES AND BUILDING FEATURES.
6. COORDINATE WITH OWNER'S REPRESENTATIVE FOR SCHEDULING OF WORK.
7. WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
8. KEEP THE WORK SITE AND SURROUNDING AREA FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH GENERATED BY WORK FROM THIS CONTRACT. PROPERLY AND LEGALLY DISPOSE OF MATERIALS.
9. JOB SITE SAFETY SHALL BE IN STRICT ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
10. COORDINATE WORK WITH OTHER TRADES. ARCHITECTURAL, STRUCTURAL, MECHANICAL, CIVIL, AND OTHER DRAWINGS AND SPECIFICATIONS SHALL BE CONSULTED AND COORDINATED WITH PRIOR TO ROUGH-IN.
11. EXISTING ELECTRICAL INSTALLATION;
    a. EXISTING ELECTRICAL WORK WHICH WILL NOT BE RENDERED OBSOLETE AND WHICH MAY BE DISTURBED DUE TO ANY CHANGES REQUIRED UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION. FOR ELECTRICAL MATERIAL AND EQUIPMENT TO BE REMOVED, REFER TO ELECTRICAL DEMOLITION NOTES.
    b. WHERE EXISTING ELECTRICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE DISCONNECTED AND RELOCATED AND/OR RECONNECTED TO COORDINATE WITH NEW WORK.
    c. DO NOT DISCONTINUE ANY ELECTRICAL SERVICE WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE USER AGENCY. THE ELECTRICAL SERVICE OUTAGES SHALL BE KEPT TO A MINIMUM.
12. PROVIDE TYPED CIRCUIT DIRECTORIES FOR NEW AND EXISTING PANELBOARDS TO INDICATE TYPE OF LOAD SERVED AND AREA SERVED (E.G. RECEPTACLES-OFFICE 201).
13. PROVIDE SEPARATE UNSHARED NEUTRAL CONDUCTOR(S) FOR EACH CIRCUIT UTILIZING A NEUTRAL. UNLESS SPECIFICALLY INDICATED OTHERWISE, MULTIWIRE BRANCH CIRCUITS ARE NOT PERMITTED.
14. CENTER EQUIPMENT OR DEVICES LOCATED ABOVE OPENINGS SUCH AS DOORS, LOUVER, ETC. ABOVE THE OPENING.
15. ELECTRICAL PENETRATIONS IN FIRE-RESISTANCE-RATED CONSTRUCTION SHALL COMPLY WITH REQUIREMENTS OF INTERNATIONAL BUILDING CODE. PROVIDE LISTED FIRE STOP METHOD FOR PENETRATIONS THROUGH FIRE RATED FLOORS AND WALLS TO MAINTAIN THE APPLICABLE FIRE RATING.
16. IF APPLICABLE, FURNISH PANELBOARD WITH NUMBER OF POLES INDICATED. EACH SPACE SHALL BE A FULLY PREPARED SPACE (I.E. COMPLETE WITH PROVISIONS AND HARDWARE REQUIRED TO MOUNT A FUTURE CIRCUIT BREAKER, INCLUDING BUS CONNECTIONS, CIRCUIT BREAKER MOUNTING BRACKET, CIRCUIT BREAKER COVER AND COVER KNOCKOUTS, ETC.).
17. VERIFY ELECTRICAL SYSTEM PHASING AND ROTATION WITH EXISTING CONDITIONS..
18. ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE UL LISTED AND SHALL CONFORM TO FACTORY MUTUAL STANDARDS AS APPLICABLE.
19. NEW ELECTRICAL WORK INSTALLED IN FINISHED AREAS SHALL BE INSTALLED CONCEALED WITHIN NEW OR EXISTING WALLS, FLOORS OR CEILINGS. PROVIDE CUTTING AND PATCHING OF SURFACES. SURFACE RACEWAYS SHALL BE PERMITTED IN FINISHED AREAS ONLY WHERE SPECIFICALLY APPROVED IN THE FIELD BY ARCHITECT.
20. THE ENTIRE ELECTRICAL INSTALLATION, MATERIAL AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION, UNLESS A LONGER WARRANTY PERIOD IS REQUIRED ELSEWHERE IN CONTRACT DOCUMENTS.
21. CONDUIT, FITTINGS, AND JUNCTION BOXES SHALL BE SUITABLE FOR THE AREA CLASSIFICATION IN WHICH THEY ARE TO BE INSTALLED.
22. REMOVE AND REINSTALL CEILING PANELS AS REQUIRED FOR ELECTRICAL WORK. REPLACE, IN-KIND, ANY CEILING PANELS DAMAGED DURING THE COURSE OF WORK.

DEMOLITION NOTES - DIVISION 26

1. DISCONNECT AND REMOVE ITEMS SHOWN DASHED ON ELECTRICAL DEMOLITION DRAWINGS. IN ADDITION TO SPECIFIC ELECTRICAL DEMOLITION INDICATED ON ELECTRICAL DEMOLITION DRAWINGS, DISCONNECT AND REMOVE WIRING DEVICES, FIRE ALARM DEVICES, LIGHTING FIXTURES, AND COMMUNICATION OUTLETS ON WALLS, CEILINGS, MILLWORK, ETC. BEING REMOVED. WALLS TO BE REMOVED BY OTHERS ARE SHOWN DASHED ON ELECTRICAL DEMOLITION PLANS. NOTE THAT NOT ALL ELECTRICAL ITEMS TO BE REMOVED ARE INDICATED ON ELECTRICAL DEMOLITION DRAWINGS.
2. COORDINATE DEMOLITION WITH NEW WORK, AND REUSE CIRCUITS AND DEVICES AS PERMITTED ELSEWHERE IN CONTRACT DOCUMENTS.
3. FOR WIRING NOT BEING REUSED IN NEW WORK, REMOVE BACK TO SOURCE.
4. FOR CIRCUIT BREAKERS NOT BEING REUSED, TURN BREAKER OFF AND LABEL AS "SPARE".
5. WHERE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT AND ASSOCIATED WIRING BREAKS BRANCH CIRCUITS TO REMAIN, THE CIRCUITS' CONTINUITY SHALL BE RESTORED TO PROVIDE POWER SUPPLY TO REMAINING EQUIPMENT.
6. CONDUIT AND WIRING FEEDING ELECTRICAL EQUIPMENT OUTSIDE LIMITS OF CONSTRUCTION THAT IS ROUTED THROUGH AREA OF WORK SHALL REMAIN.
7. REMOVE EXISTING EXPOSED CONDUIT, OR CONDUIT THAT BECOMES EXPOSED DURING CONSTRUCTION. REMOVE WIRING AND CUT OFF CONDUIT STUBS THROUGH FLOOR FLUSH WITH FLOOR SLAB, FILL WITH CONCRETE, AND MAKE READY TO ACCEPT NEW FLOOR FINISHES WHERE APPLICABLE.
8. CONDUIT WHICH REMAINS CONCEALED WITHIN WALLS OR SLABS SHALL BE ABANDONED IN PLACE AFTER REMOVAL OF WIRING.
9. WHERE EXISTING CONDUIT STUBS THROUGH ROOF ARE NO LONGER REQUIRED, AND OCCUR IN AREAS WHERE EXISTING ROOF IS TO REMAIN, CONDUIT SHALL BE CUT OFF 6" ABOVE AND BELOW ROOF, AND FILLED WITH EXPANDABLE FOAM SEALANT. CAP CONDUIT ABOVE ROOF AND MAKE COMPLETELY WATERTIGHT.
10. WHEREVER EXISTING FLUSH MOUNTED OUTLET BOXES WILL REMAIN EXPOSED. FURNISH AND INSTALL BLANK COVERPLATES.
11. PATCH AND FINISH SURFACES DISTURBED BY DEMOLITION UNDER THIS DIVISION WITH MATERIALS TO MATCH EXISTING SURFACE.

DRAWING LIST - ELECTRICAL

SHEET NUMBER	SHEET NAME
E-000	SYMBOLS, NOTES & ABBREVIATIONS
E-001	BASEMENT FLOOR PLAN - ELECTRICAL - DEMOLITION
E-002	FIRST FLOOR PLAN – ELECTRICAL – DEMOLITION
E-003	SECOND FLOOR PLAN - ELECTRICAL - DEMOLITION
E-004	THIRD FLOOR PLAN - ELECTRICAL - DEMOLITION
E-101	BASEMENT FLOOR PLAN- ELECTRICAL
E-102	FIRST FLOOR PLAN- ELECTRICAL
E-103	SECOND FLOOR- ELECTRICAL
E-104	THIRD FLOOR PLAN- ELECTRICAL
E-801	SPECIFICATIONS- ELECTRICAL

This drawing is the property of Century Engineering and is prepared for the exclusive use of it's clients at the location indicated. No other use is authorized or intended.

CENTURY ENGINEERING
CONSULTING ENGINEERS - - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2021 ALL RIGHTS RESERVED

SEAL

NO.	DESCRIPTION	DATE

REVISIONS

LEHIGH HALL
MILLERSVILLE UNIVERSITY
MI-1209 LEHIGH HALL
RENOVATIONS

MILLERSVILLE
LANCASTER COUNTY
PENNSYLVANIA

SHEET TITLE

SYMBOLS, NOTES & ABBREVIATIONS

ISSUE DATE: 03/28/2022

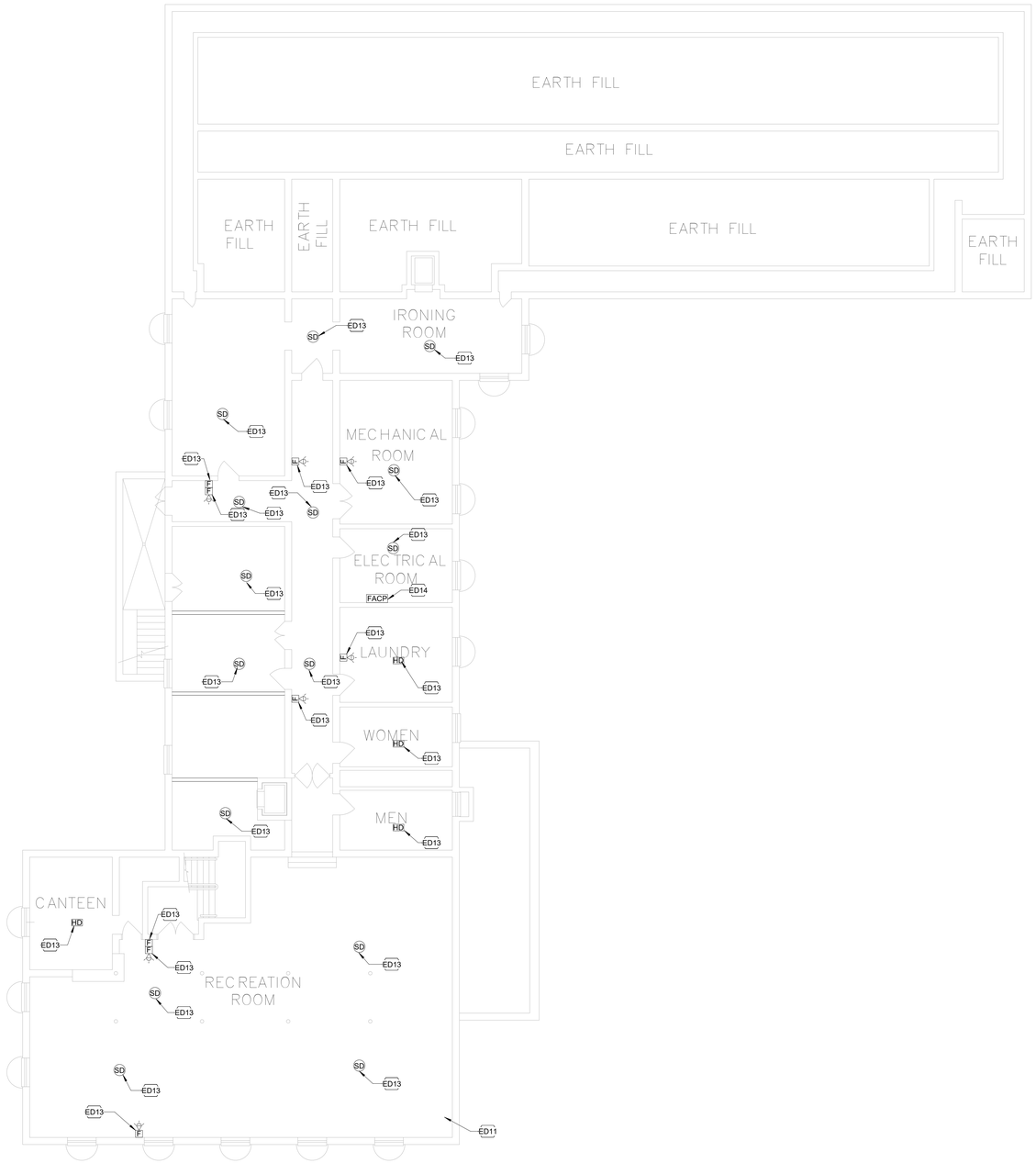
DRAWN	DESIGNED	CHECKED
AK	SGH	SGH

SCALE: AS NOTED

SHEET NO. E-000

PROJECT NO. 210038

SPECIFIC NOTES - ELECTRICAL DEMO	
ED11	DISCONNECT AND REMOVE FLOW SWITCHES, TAMPER SWITCHES AND INTERFACE MODULES. CABLING TO REMAIN FOR NEW DEVICES.
ED13	DISCONNECT AND REMOVE FIRE ALARM DEVICE. WIRING AND BACKBOX TO REMAIN FOR NEW DEVICE.
ED14	DISCONNECT AND REMOVE FIRE ALARM CONTROL PANEL. POWER CIRCUIT AND SIGNAL/INITIATION CABLING TO REMAIN.



1 BASEMENT FLOOR PLAN - ELECTRICAL - DEMOLITION
1/8" = 1'-0"

GRAPHIC SCALE 1/8"=1-0"
0 8 16 24 32

This drawing is the property of Century Engineering and is prepared for the exclusive use of it's clients at the location indicated. No other use is authorized or intended.

CENTURY ENGINEERING
CONSULTING ENGINEERS - - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2021 ALL RIGHTS RESERVED

SEAL

NO.	DESCRIPTION	DATE

REVISIONS

LEHIGH HALL
MILLERSVILLE UNIVERSITY
MI-1209 LEHIGH HALL RENOVATIONS

MILLERSVILLE
LANCASTER COUNTY
PENNSYLVANIA

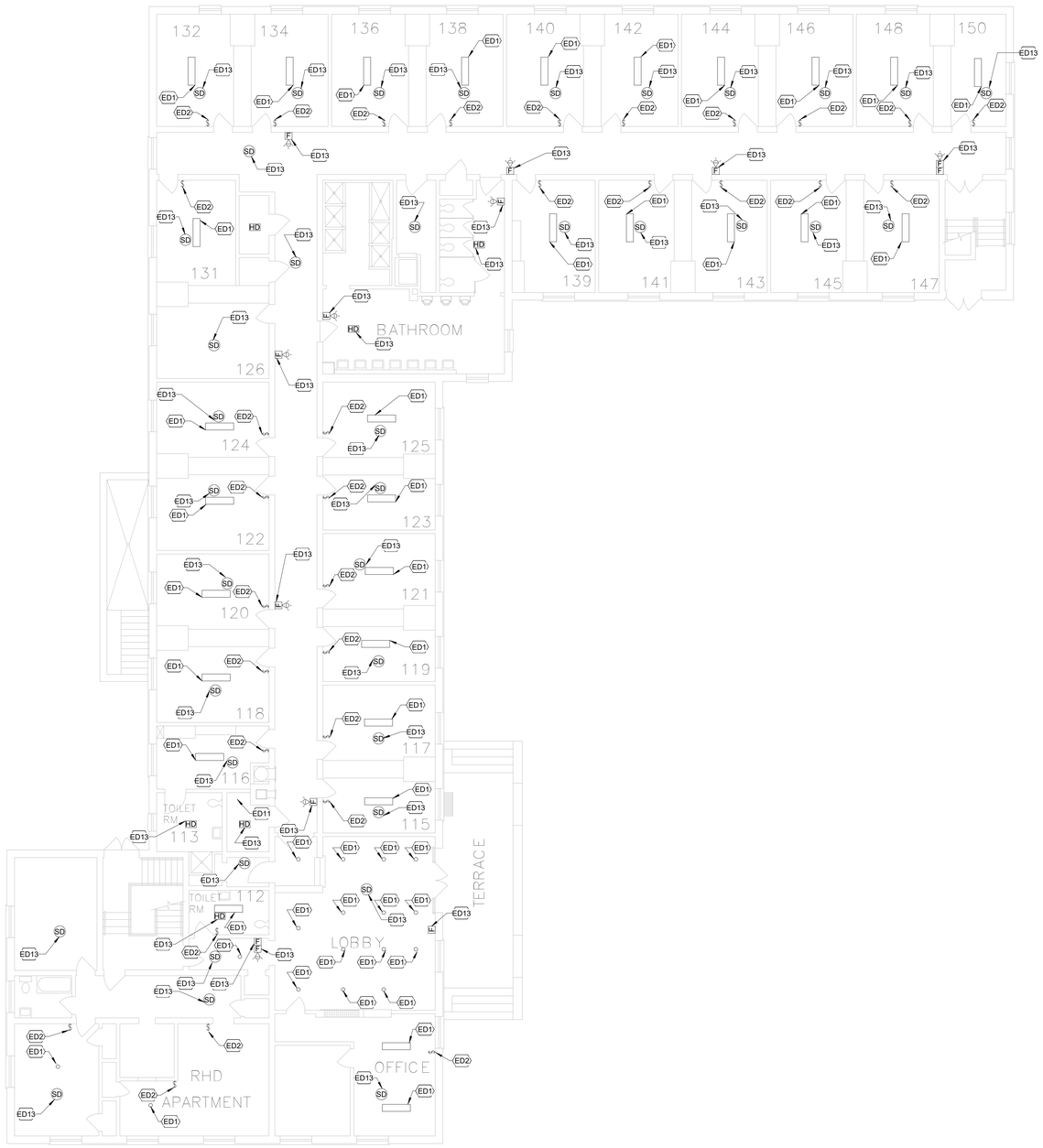
SHEET TITLE
BASEMENT FLOOR PLAN - ELECTRICAL - DEMOLITION

ISSUE DATE: 03/28/2022

DRAWN	DESIGNED	CHECKED
AK	SGH	SGH

SCALE: AS NOTED
SHEET NO.: E-001
PROJECT NO.: 210038

SPECIFIC NOTES - ELECTRICAL DEMO	
ED1	DISCONNECT AND REMOVE LIGHT FIXTURE. WIRING TO REMAIN AND BE REUSED FOR NEW LIGHT FIXTURE.
ED2	DISCONNECT AND REMOVE TOGGLE SWITCH. WIRING TO REMAIN AND BE REUSED FOR NEW LIGHTING CONTROL DEVICE.
ED11	DISCONNECT AND REMOVE FLOW SWITCHES, TAMPER SWITCHES AND INTERFACE MODULES. CABLING TO REMAIN FOR NEW DEVICES.
ED13	DISCONNECT AND REMOVE FIRE ALARM DEVICE. WIRING AND BACKBOX TO REMAIN FOR NEW DEVICE.



1 FIRST FLOOR PLAN - ELECTRICAL - DEMOLTION
1/8" = 1'-0"

GRAPHIC SCALE 1/8"=1-0"
0 8 16 24 32

This drawing is the property of Century Engineering and is prepared for the exclusive use of it's clients at the location indicated. No other use is authorized or intended.

CENTURY ENGINEERING
CONSULTING ENGINEERS - - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2021 ALL RIGHTS RESERVED

SEAL

NO.	DESCRIPTION	DATE

REVISIONS

LEHIGH HALL
MILLERSVILLE UNIVERSITY
MI-1209 LEHIGH HALL RENOVATIONS

MILLERSVILLE
LANCASTER COUNTY
PENNSYLVANIA

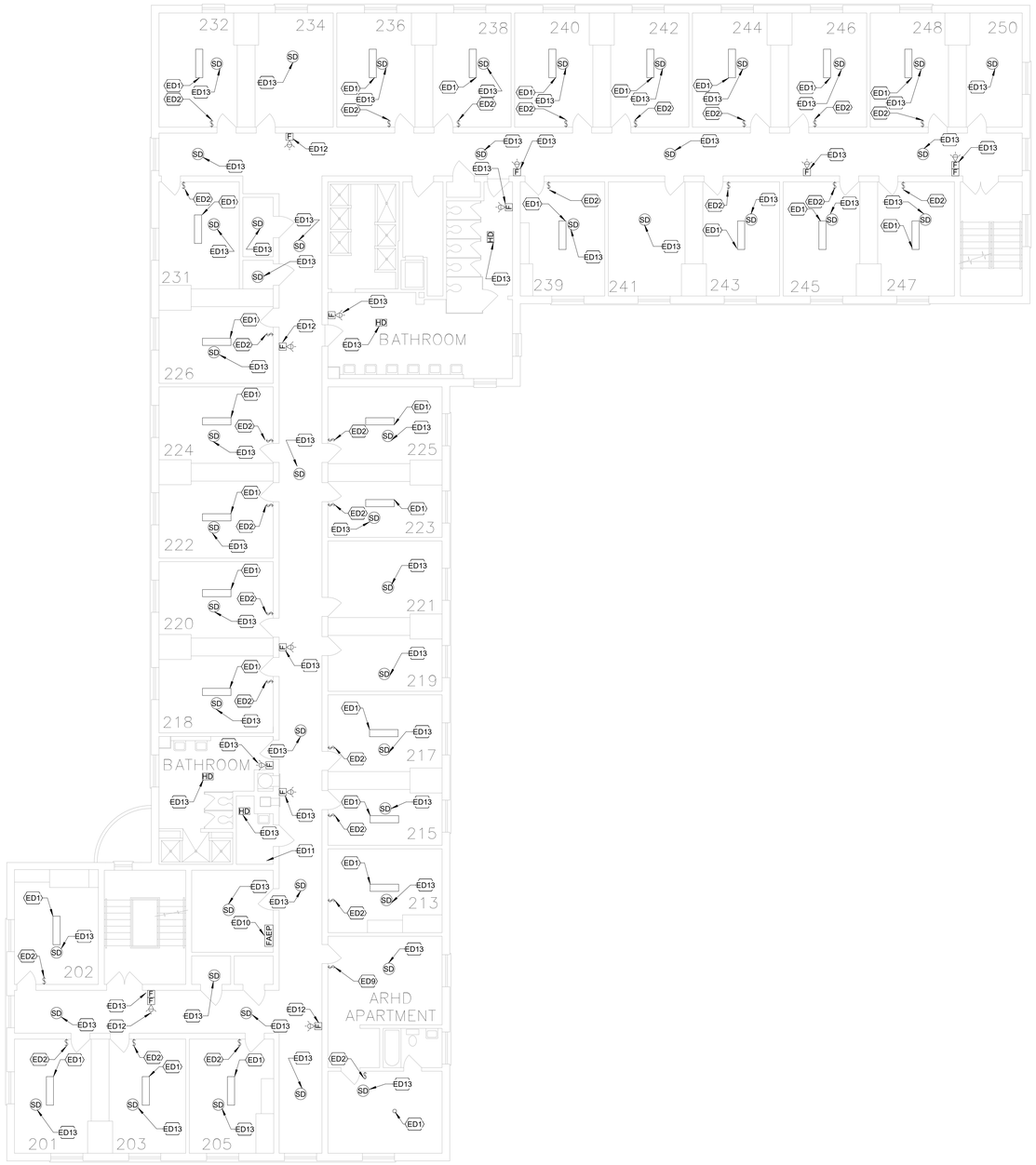
SHEET TITLE
FIRST FLOOR PLAN – ELECTRICAL – DEMOLITION

ISSUE DATE: 03/28/2022

DRAWN	DESIGNED	CHECKED
AK	SGH	SGH

SCALE: AS NOTED
SHEET NO. E-002
PROJECT NO. 210038

SPECIFIC NOTES - ELECTRICAL DEMO	
ED1	DISCONNECT AND REMOVE LIGHT FIXTURE. WIRING TO REMAIN AND BE REUSED FOR NEW LIGHT FIXTURE.
ED2	DISCONNECT AND REMOVE TOGGLE SWITCH. WIRING TO REMAIN AND BE REUSED FOR NEW LIGHTING CONTROL DEVICE.
ED9	DISCONNECT AND REMOVE TOGGLE SWITCH. REMOVE ASSOCIATED WIRING TO CONTROLLED RECEPTACLE. CONNECT RECEPTACLE TO 120V RECEPTACLE CIRCUIT IN WIREWAY.
ED10	DISCONNECT AND REMOVE FIRE ALARM EXTENDER PANEL. POWER CIRCUIT AND FIRE ALARM CABLING TO REMAIN.
ED11	DISCONNECT AND REMOVE FLOW SWITCHES, TAMPER SWITCHES AND INTERFACE MODULES. CABLING TO REMAIN FOR NEW DEVICES.
ED12	DISCONNECT AND REMOVE FIRE ALARM DEVICE, BACKBOX AND ASSOCIATED CABLING TO ABOVE THE CEILING. PULL BACK EXISTING ANNUNCIATION CABLING TO ALLOW FOR EXTENSION TO NEW DEVICE LOCATION.
ED13	DISCONNECT AND REMOVE FIRE ALARM DEVICE. WIRING AND BACKBOX TO REMAIN FOR NEW DEVICE.



1 SECOND FLOOR PLAN - ELECTRICAL - DEMOLITION
1/8" = 1'-0"

GRAPHIC SCALE 1/8"=1-0"

0 8 16 24 32

This drawing is the property of Century Engineering and is prepared for the exclusive use of it's clients at the location indicated. No other use is authorized or intended.

CENTURY ENGINEERING
CONSULTING ENGINEERS - - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2021 ALL RIGHTS RESERVED

SEAL

NO.	DESCRIPTION	DATE

REVISIONS

LEHIGH HALL
MILLERSVILLE UNIVERSITY
MI-1209 LEHIGH HALL
RENOVATIONS

MILLERSVILLE
LANCASTER COUNTY
PENNSYLVANIA

SHEET TITLE

SECOND FLOOR PLAN - ELECTRICAL - DEMOLITION

ISSUE DATE: 03/28/2022

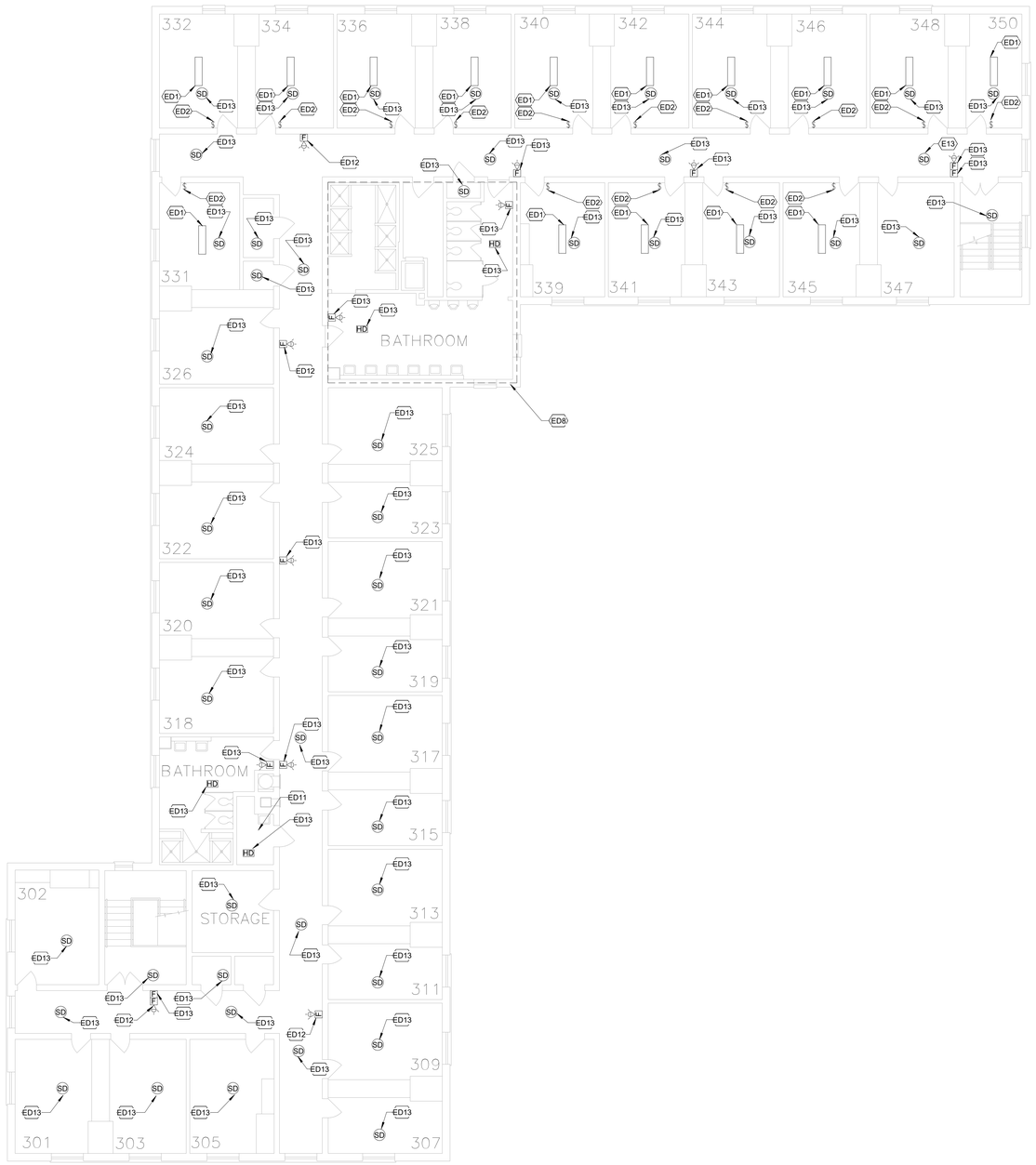
DRAWN	DESIGNED	CHECKED
AK	SGH	SGH

SCALE: AS NOTED

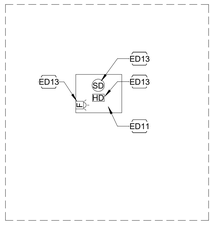
SHEET NO. E-003

PROJECT NO. 210038

SPECIFIC NOTES - ELECTRICAL DEMO	
ED1	DISCONNECT AND REMOVE LIGHT FIXTURE. WIRING TO REMAIN AND BE REUSED FOR NEW LIGHT FIXTURE.
ED2	DISCONNECT AND REMOVE TOGGLE SWITCH. WIRING TO REMAIN AND BE REUSED FOR NEW LIGHTING CONTROL DEVICE.
ED8	REFER TO PENTHOUSE FLOOR PLAN THIS SHEET.
ED11	DISCONNECT AND REMOVE FLOW SWITCHES, TAMPER SWITCHES AND INTERFACE MODULES. CABLING TO REMAIN FOR NEW DEVICES.
ED12	DISCONNECT AND REMOVE FIRE ALARM DEVICE. BACKBOX AND ASSOCIATED CABLING TO ABOVE THE CEILING. PULL BACK EXISTING ANNUNCIATION CABLING TO ALLOW FOR EXTENSION TO NEW DEVICE LOCATION.
ED13	DISCONNECT AND REMOVE FIRE ALARM DEVICE. WIRING AND BACKBOX TO REMAIN FOR NEW DEVICE.



1 THIRD FLOOR PLAN - ELECTRICAL - DEMOLITION
1/8" = 1'-0"



2 PENTHOUSE FLOOR PLAN - ELECTRICAL - DEMOLITION
NOT TO SCALE

GRAPHIC SCALE 1/8"=1-0"
0 8 16 24 32

This drawing is the property of Century Engineering and is prepared for the exclusive use of it's clients at the location indicated. No other use is authorized or intended.

CENTURY ENGINEERING
CONSULTING ENGINEERS - - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2021 ALL RIGHTS RESERVED

SEAL

NO.	DESCRIPTION	DATE

REVISIONS

LEHIGH HALL
MILLERSVILLE UNIVERSITY
MI-1209 LEHIGH HALL RENOVATIONS

MILLERSVILLE
LANCASTER COUNTY
PENNSYLVANIA

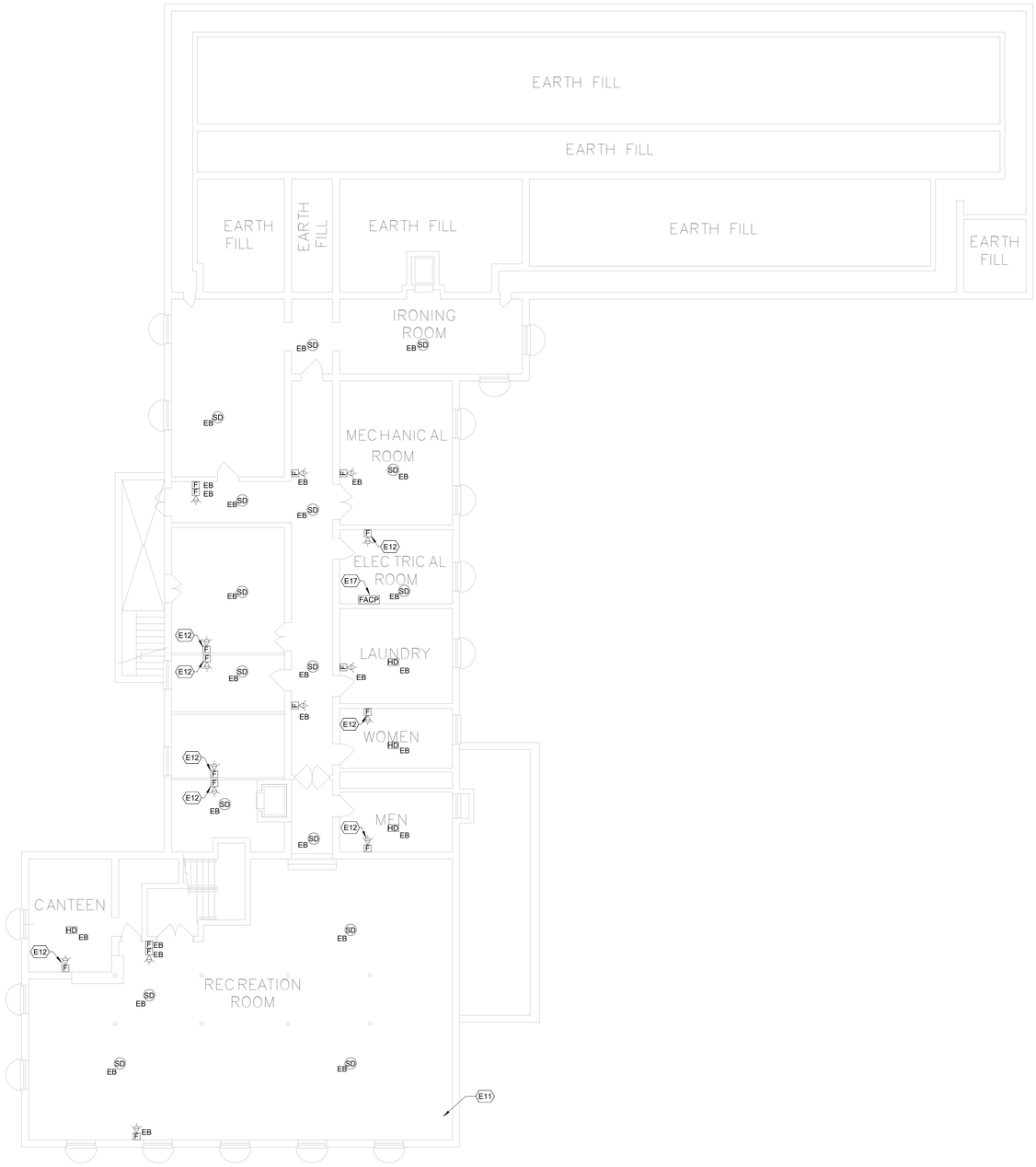
SHEET TITLE
THIRD FLOOR PLAN - ELECTRICAL - DEMOLITION

ISSUE DATE: 03/28/2022

DRAWN	DESIGNED	CHECKED
AK	SGH	SGH

SCALE: AS NOTED
SHEET NO. E-004
PROJECT NO. 210038

SPECIFIC NOTES - ELECTRICAL NEW	
E11	PROVIDE FLOW SWITCHES, TAMPER SWITCHES AND INTERFACE MODULES IN THE SAME QUANTITY AS EXISTING AND RECONNECT TO MATCH EXISTING.
E12	CONNECT TO EXISTING FIRE ALARM ANNUNTIATION CIRCUIT.
E17	FURNISH FIRE ALARM CONTROL PANEL AND INSTALL IN SAME LOCATION AS EXISTING. RECONNECT POWER, SIGNAL AND INITIATION CIRCUITS.



1 BASEMENT FLOOR PLAN - ELECTRICAL
1/8" = 1'-0"

GRAPHIC SCALE 1/8"=1'-0"
0 8 16 24 32

This drawing is the property of Century Engineering and is prepared for the exclusive use of it's clients at the location indicated. No other use is authorized or intended.

CENTURY ENGINEERING
CONSULTING ENGINEERS - - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2021 ALL RIGHTS RESERVED

SEAL

NO.	DESCRIPTION	DATE

REVISIONS

LEHIGH HALL
MILLERSVILLE UNIVERSITY
MI-1209 LEHIGH HALL
RENOVATIONS

MILLERSVILLE
LANCASTER COUNTY
PENNSYLVANIA

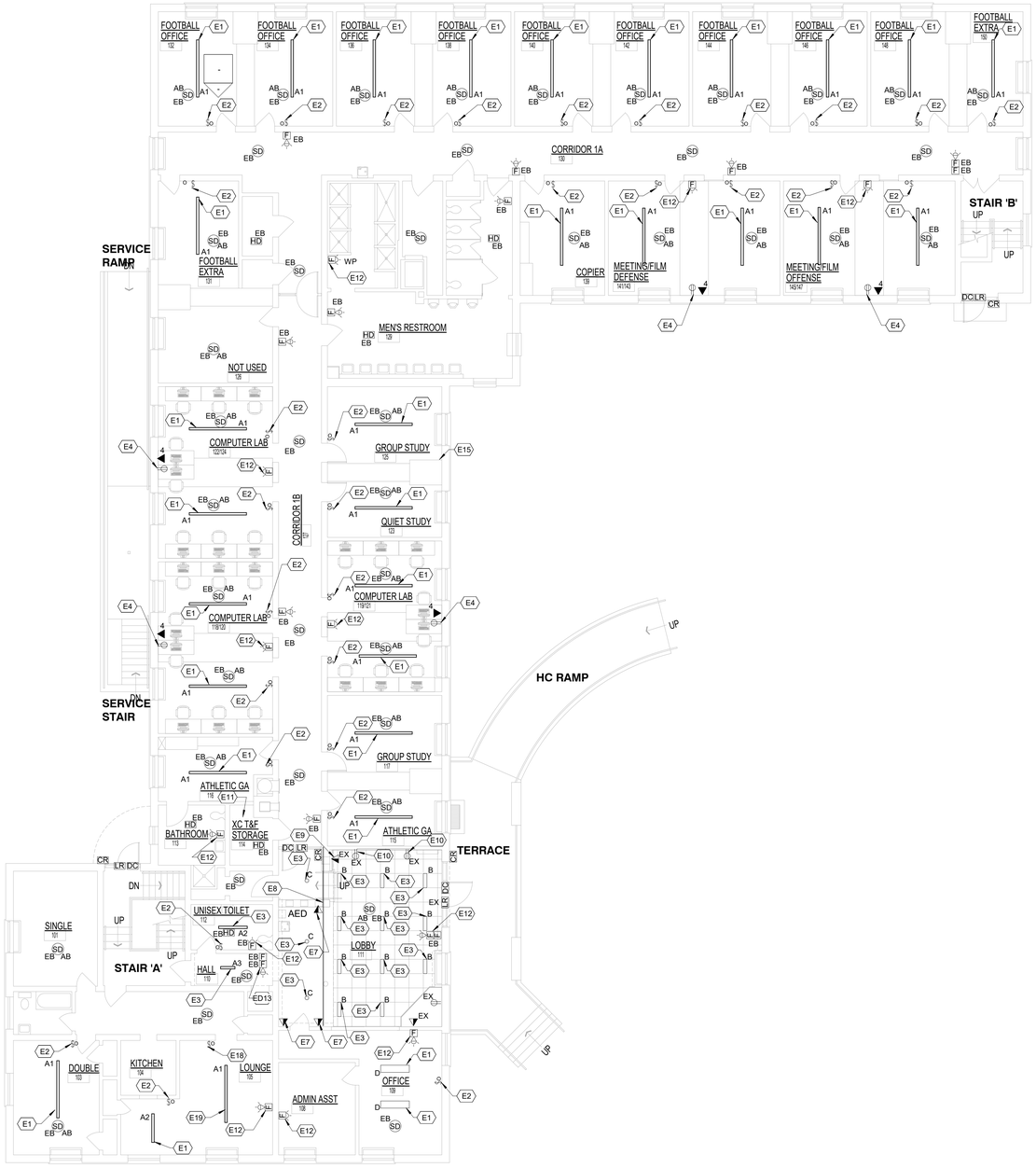
SHEET TITLE
BASEMENT FLOOR PLAN-ELECTRICAL

ISSUE DATE: 03/28/2022

DRAWN	DESIGNED	CHECKED
AK	SGH	SGH

SCALE: AS NOTED
SHEET NO. E-101
PROJECT NO. 210038

SPECIFIC NOTES - ELECTRICAL NEW	
E1	FURNISH LIGHT FIXTURE INDICATED AND INSTALL IN SAME LOCATION AND ORIENTATION AS EXISTING FIXTURE THAT WAS REMOVED. RECONNECT TO EXISTING CIRCUIT.
E2	FURSNISH VACANCY SENSOR INDICATED AND INSTALL IN SAME LOCATION AS EXISTING TOGGLE SWITCH THAT WAS REMOVED. PROVIDE WIREMOLD ADAPTER PLATE FOR SENSOR. RECONNECT TO EXISTING CIRCUIT.
E3	RECONNECT TO EXISTING LIGHTING CIRCUIT IN THIS SPACE.
E4	CONNECT TO EXISTING RECEPTACLE CIRCUIT SERVING SPACE WITH (2)#12, (1)12G MC CABLE. ROUTE MC CABLE ABOVE CEILING AND MAKE CONNECTION ABOVE CORRIDOR CEILING.
E7	DISCONNECT AND REMOVE OUTLET (JACKS, COVER, CABLING, BACK TO POINT OF ORIGIN, BACKBOX AND CONDUIT BACK TO POINT OF ORIGIN).
E8	DISCONNECT AND REMOVE SURFACE MOUNTED RACEWAY ON CEILING. INTERCEPT CIRCUIT ABOVE CEILING IN CORRIDOR AND EXTEND WITH (2)#12, (1)#12 MC CABLE ABOVE HARD CEILING AND RECONNECT TO CIRCUIT ABOVE OFFICE CEILING.
E9	DISCONNECT AND TEMPORARILY REMOVE COVER AND JACKS TO ALLOW FOR NEW WALL INSTALLATION. REINSTALL COVERPLATE AND JACKS TO MATCH EXISTING
E10	TEMPORARILY DISCONNECT AND REMOVE RECEPTACALE TO ALLOW FOR NEW WALL INSTALLATION. PROVIDE BOX EXTENSION TO BRING FLUSH TO NEW WALL SURFACE. REINSTALL AND RECONNECT RECEPTACLES TO MATCH EXISTING.
E11	PROVIDE FLOW SWITCHES, TAMPER SWITCHES AND INTERFACE MODULES IN THE SAME QUANTITY AS EXISTING AND RECONNECT TO MATCH EXISTING.
E12	CONNECT TO EXISTING FIRE ALARM ANNUNTIATION CIRCUIT.
E15	PROVIDE BLANK WHITE STEEL COVERPLATE ON EXISTING BOX. TYPICAL IN ALL ROOMS WITH WARDROBE UNIT.
E18	CONNECT TO VACANCY SENSOR. ROUTE WIRING ABOVE CEILING TO WIREMOLD DOWN WALL.
E19	INSTALL VACANCY SENSOR IN SAME LOCATION AS EXISTING TOGGLE SWITCH. PROVIDE WIREMOLD BOX EXTENSION AND WIREMOLD UP WALL TO ALLOW WIRING TO BE ROUTED TO LIGHT FIXTURE A1.



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

GRAPHIC SCALE 1/8"=1-0"
0 8 16 24 32

This drawing is the property of Century Engineering and is prepared for the exclusive use of it's clients at the location indicated. No other use is authorized or intended.

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2021 ALL RIGHTS RESERVED

SEAL

NO.	DESCRIPTION	DATE

REVISIONS

LEHIGH HALL
MILLERSVILLE UNIVERSITY
MI-1209 LEHIGH HALL RENOVATIONS

MILLERSVILLE
LANCASTER COUNTY
PENNSYLVANIA

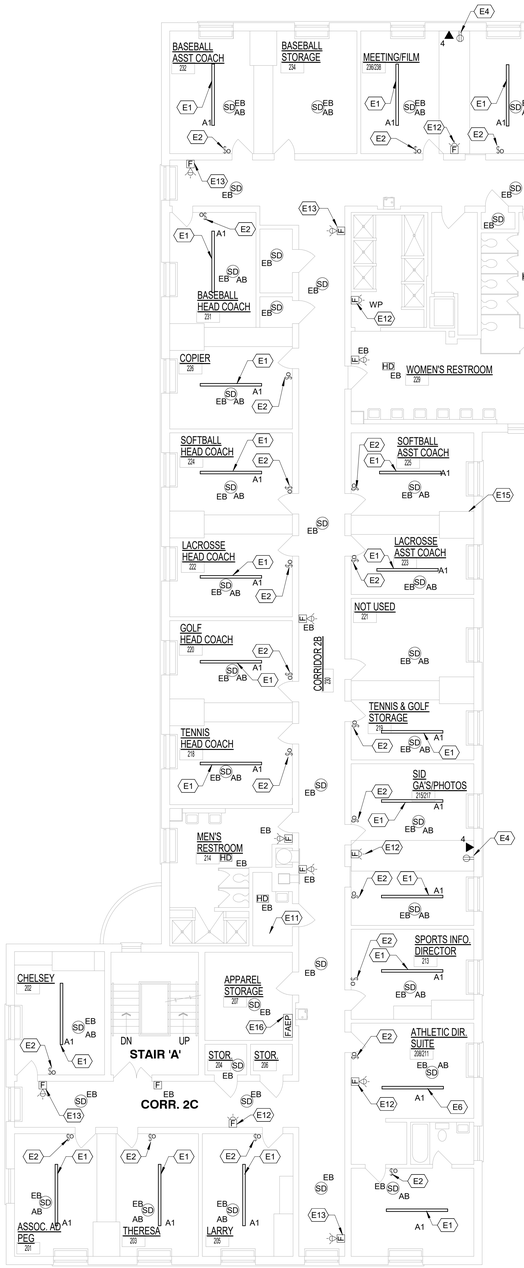
SHEET TITLE
FIRST FLOOR PLAN-ELECTRICAL

ISSUE DATE: 03/28/2022

DRAWN	DESIGNED	CHECKED
AK	SGH	SGH

SCALE: AS NOTED
SHEET NO. E-102
PROJECT NO. 210038

SPECIFIC NOTES - ELECTRICAL NEW	
E1	FURNISH LIGHT FIXTURE INDICATED AND INSTALL IN SAME LOCATION AND ORIENTATION AS EXISTING FIXTURE THAT WAS REMOVED. RECONNECT TO EXISTING CIRCUIT.
E2	FURSNISH VACANCY SENSOR INDICATED AND INSTALL IN SAME LOCATION AS EXISTING TOGGLE SWITCH THAT WAS REMOVED. PROVIDE WIREMOLD ADAPTER PLATE FOR SENSOR. RECONNECT TO EXISTING CIRCUIT.
E4	CONNECT TO EXISTING RECEPTACLE CIRCUIT SERVING SPACE WITH (2)#12, (1)12G MC CABLE. ROUTE MC CABLE ABOVE CEILING AND MAKE CONNECTION ABOVE CORRIDOR CEILING.
E6	CONNECT TO WALL BOX OCCUPANCY SENSOR WITH (2)#12, (1)#12G MC CABLE ROUTED ABOVE CEILING.
E11	PROVIDE FLOW SWITCHES, TAMPER SWITCHES AND INTERFACE MODULES IN THE SAME QUANTITY AS EXISTING AND RECONNECT TO MATCH EXISTING.
E12	CONNECT TO EXISTING FIRE ALARM ANNUNTIATION CIRCUIT.
E13	PROVIDE BACKBOX AND CONDUIT STUB TO ABOVE CEILING. EXTEND EXISTING ANNUNCIATION CIRCUIT TO NEW LOCATION AND CONNECT.
E15	PROVIDE BLANK WHITE STEEL COVERPLATE ON EXISTING BOX. TYPICAL IN ALL ROOMS WITH WARDROBE UNIT.
E16	FURNISH FIRE ALARM EXTENDER PANEL AND INSTALL IN SAME LOCATION AS EXISTING. RECONNECT POWER, SIGNAL AND ANNUNCIATION CIRCUITS.



1 SECOND FLOOR PLAN - ELECTRICAL
1/8" = 1'-0"

GRAPHIC SCALE 1/8"=1-0"

0 8 16 24 32

This drawing is the property of Century Engineering and is prepared for the exclusive use of it's clients at the location indicated. No other use is authorized or intended.

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2021 ALL RIGHTS RESERVED

SEAL

NO.	DESCRIPTION	DATE

REVISIONS

LEHIGH HALL
MILLERSVILLE UNIVERSITY
MI-1209 LEHIGH HALL RENOVATIONS

MILLERSVILLE
LANCASTER COUNTY
PENNSYLVANIA

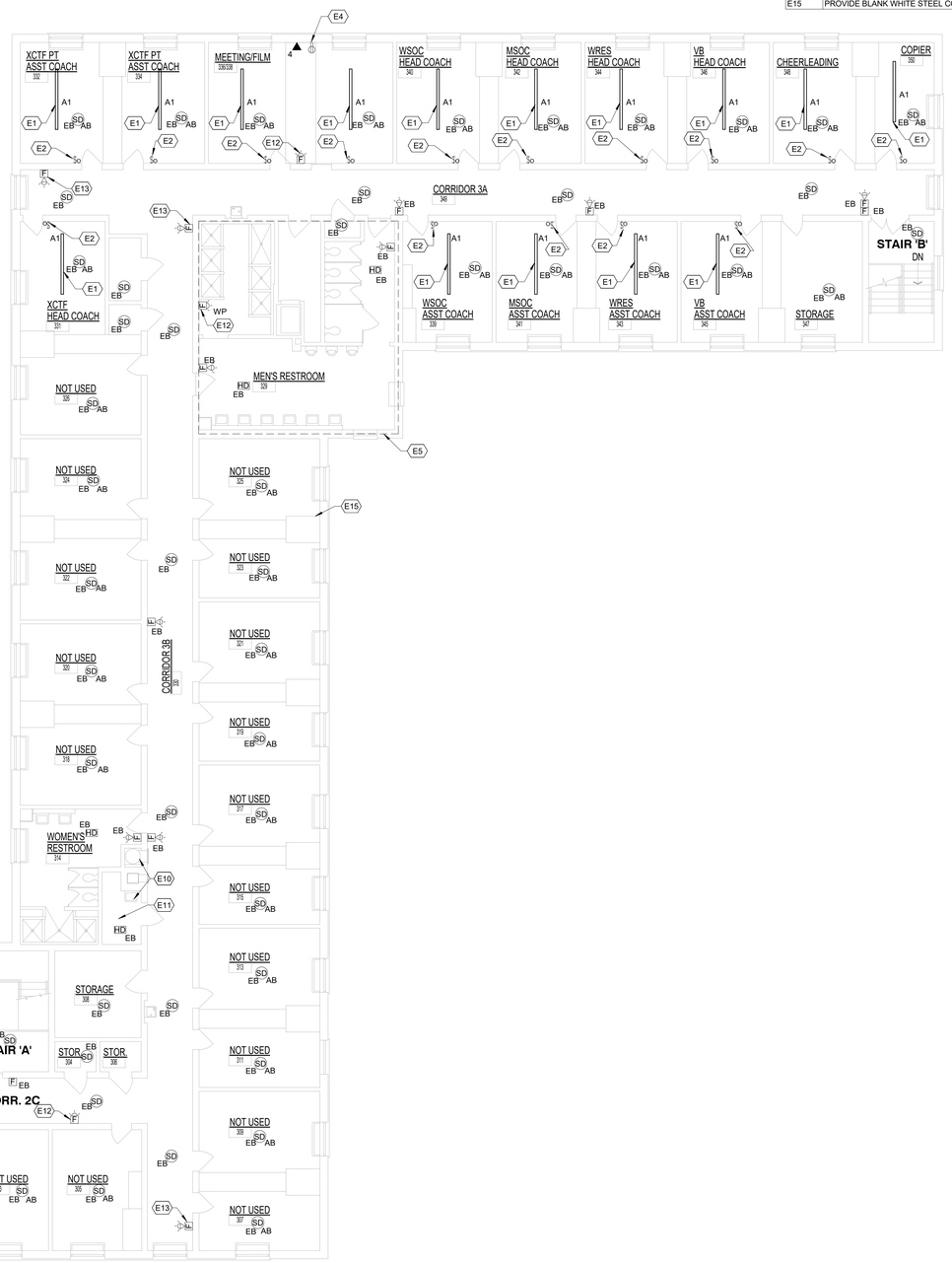
SHEET TITLE
SECOND FLOOR-ELECTRICAL

ISSUE DATE: 03/28/2022

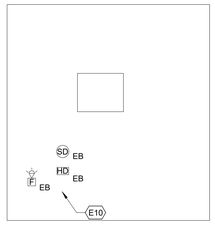
DRAWN	DESIGNED	CHECKED
AK	SGH	SGH

SCALE: AS NOTED
SHEET NO. E-103
PROJECT NO. 210038

SPECIFIC NOTES - ELECTRICAL NEW	
E1	FURNISH LIGHT FIXTURE INDICATED AND INSTALL IN SAME LOCATION AND ORIENTATION AS EXISTING FIXTURE THAT WAS REMOVED. RECONNECT TO EXISTING CIRCUIT.
E2	FURSNISH VACANCY SENSOR INDICATED AND INSTALL IN SAME LOCATION AS EXISTING TOGGLE SWITCH THAT WAS REMOVED. PROVIDE WIREMOLD ADAPTER PLATE FOR SENSOR. RECONNECT TO EXISTING CIRCUIT.
E4	CONNECT TO EXISTING RECEPTACLE CIRCUIT SERVING SPACE WITH (2)#12, (1)12G MC CABLE. ROUTE MC CABLE ABOVE CEILING AND MAKE CONNECTION ABOVE CORRIDOR CEILING.
E5	REFER TO PENTHOUSE FLOOR PLAN THIS SHEET.
E10	TEMPORARILY DISCONNECT AND REMOVE RECEPTACALE TO ALLOW FOR NEW WALL INSTALLATION. PROVIDE BOX EXTENSION TO BRING FLUSH TO NEW WALL SURFACE. REINSTALL AND RECONNECT RECEPTACLES TO MATCH EXISTING.
E11	PROVIDE FLOW SWITCHES, TAMPER SWITCHES AND INTERFACE MODULES IN THE SAME QUANTITY AS EXISTING AND RECONNECT TO MATCH EXISTING.
E12	CONNECT TO EXISTING FIRE ALARM ANNUNTIATION CIRCUIT.
E13	PROVIDE BACKBOX AND CONDUIT STUB TO ABOVE CEILING. EXTEND EXISTING ANNUNCIATION CIRCUIT TO NEW LOCATION AND CONNECT.
E15	PROVIDE BLANK WHITE STEEL COVERPLATE ON EXISTING BOX. TYPICAL IN ALL ROOMS WITH WARDROBE UNIT.



1 THIRD FLOOR PLAN - ELECTRICAL
1/8" = 1'-0"



2 PENTHOUSE FLOOR PLAN-ELECTRICAL
NOT TO SCALE

GRAPHIC SCALE 1/8"=1-0"
0 8 16 24 32

This drawing is the property of Century Engineering and is prepared for the exclusive use of it's clients at the location indicated. No other use is authorized or intended.

CENTURY ENGINEERING
CONSULTING ENGINEERS - - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2021 ALL RIGHTS RESERVED

SEAL

NO.	DESCRIPTION	DATE

REVISIONS

LEHIGH HALL
MILLERSVILLE UNIVERSITY
MI-1209 LEHIGH HALL RENOVATIONS

MILLERSVILLE
LANCASTER COUNTY
PENNSYLVANIA

SHEET TITLE
THIRD FLOOR PLAN-ELECTRICAL

ISSUE DATE: 03/28/2022

DRAWN	DESIGNED	CHECKED
AK	SGH	SGH

SCALE: AS NOTED
SHEET NO. E-104
PROJECT NO. 210038

ELECTRICAL SPECIFICATIONS

1. SCOPE

1.1. THE CONTRACTOR TO FURNISH AND INSTALL ALL LABOR, MATERIALS, EQUIPMENT AND FIXTURES AND PERFORM ALL OPERATIONS REQUIRED FOR THE COMPLETE INSTALLATION OF ALL ELECTRICAL WORK AND RELATED SYSTEMS AS SHOWN ON THE DRAWINGS, SPECIFIED HEREIN, OR AS MAY BE REASONABLY REQUIRED.

1.2. IN ADDITION, THE CONTRACTOR TO VERIFY THE ELECTRICAL REQUIREMENTS, AND TO MAKE ALL CONNECTIONS REQUIRED TO EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT, AS WELL AS TO EQUIPMENT FURNISHED BY OTHERS FOR INSTALLATION UNDER THIS CONTRACT.

2. CODES AND INSPECTIONS

2.1. APPLICABLE CODES: THE INSTALLATION SHALL COMPLY WITH LABOR & INDUSTRY (L&I) AND WITH THE LATEST EDITION OF THE CODE OF THE LOCAL AUTHORITY HAVING JURISDICTION.
2.1.1. PENNSYLVANIA UNIFORM CONSTRUCTION CODE.
2.1.2. 2015 INTERNATIONAL BUILDING CODE.
2.1.3. 2015 INTERNATIONAL EXISTING BUILDING CODE.
2.1.4. 2015 INTERNATIONAL FIRE CODE.
2.1.5. 2015 INTERNATIONAL ENERGY CONSERVATION CODE.
2.1.6. 2014 NATIONAL ELECTRIC CODE.
2.1.7. 2009 ICC/ANSI STANDARDS.
2.1.8. NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS.
2.1.9. ALL APPLICABLE STATE, COUNTY, AND LOCAL CODES.

3. COORDINATION AND SUPERVISION

3.1. OUTLET AND EQUIPMENT LOCATIONS ARE DIAGRAMMATIC IN NATURE, AND ARE SUBJECT TO MINOR MODIFICATIONS AS REQUIRED BY FIELD CONDITIONS OR AS DIRECTED BY THE OWNER.

3.2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE WORK AND EQUIPMENT SPECIFIED HEREIN WITH THE WORK TO BE PERFORMED AND EQUIPMENT TO BE FURNISHED BY OTHERS TO ASSURE A COMPLETE AND SATISFACTORY INSTALLATION MEETING WITH THE APPROVAL OF THE OWNER.

4. MATERIAL AND EQUIPMENT

4.1. ALL MATERIALS AND EQUIPMENT INSTALLED AS PART OF THE PERMANENT INSTALLATION TO BE NEW, UNLESS OTHERWISE NOTED, AND TO BE APPROVED BY UL FOR INSTALLATION IN EACH PARTICULAR CASE WHERE STANDARDS HAVE BEEN ESTABLISHED. WHERE APPLICABLE, THE ITEM TO BEAR THE APPROVAL LABEL OF UNDERWRITERS LABORATORIES.

5. SHOP DRAWINGS

5.1. THE CONTRACTOR TO SUBMIT, IN A TIMELY MANNER, SHOP DRAWINGS OF AT LEAST THE FOLLOWING ITEMS AND SYSTEMS TO THE ENGINEER FOR APPROVAL:

5.1.1. WIRING DEVICES
5.1.2. LIGHT FIXTURES
5.1.3. LIGHTING CONTROL DEVICES

6. EXISTING CONDITIONS

6.1. THE CONTRACTOR IS TO VISIT THE SITE, DETERMINE ALL CONDITIONS AND CIRCUMSTANCES UNDER WHICH THE WORK MUST BE DONE OR OTHER CIRCUMSTANCES WHICH WILL AFFECT THE WORK.

7. CUTTING AND PATCHING

7.1. CUTTING: PROVIDE CUTTING, CHANNELING, CHASING AND DRILLING OF FLOORS, WALLS,PARTITIONS, CEILINGS AND OTHER SURFACES NECESSARY FOR INSTALLATION OF ELECTRICAL WORK. ALL CUTTING SHALL BE PERFORMED BY SKILLED MECHANICS OF THE TRADES INVOLVED.

8. CLOSING OF OPENINGS

8.1. FIRESTOPPING: ALL PENETRATIONS TO BE SEALED WITH AN APPROVED FIRE STOPPING MATERIAL TO MAINTAIN APPLICABLE FIRE RATING OR WALL/CEILING/FLOOR BEING PENETRATED.

9. GROUNDING AND BONDING

9.1. THE ENTIRE INSTALLATION SHALL BE THOROUGHLY AND EFFECTIVELY GROUNDED AND BONDED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE NATIONAL ELECTRIC CODE.

10. CONDUIT

10.1. EXCEPT AS SPECIFIED HEREINAFTER, ALL WIRING INSTALLED UNDER THIS CONTRACT TO BE RUN IN CONDUIT. CONDUIT TO BE AS FOLLOWS:

10.1.1. INDOORS: USE THE FOLLOWING WIRING METHODS:

10.1.1.A. EXPOSED: EMT WITH STEEL COMPRESSION FITTINGS.
10.1.1.B. CONCEALED: EMT WITH STEEL COMPRESSION FITTINGS.
10.1.1.C. CONNECTIONS TO VIBRATING EQUIPMENT: FLEXIBLE METAL CONDUIT.

10.2. WHERE CONDUIT IS SPECIFIED TO BE USED ABOVE, IT SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, MINIMUM CONDUIT SIZE TO BE 3/4".

10.3. ALL CONDUIT TO BE RUN PARALLEL AND PERPENDICULAR TO STRUCTURAL MEMBERS.

11. WIRING

11.1. ALL CONDUCTORS TO BE SOFT DRAWN COPPER. MINIMUM WIRE SIZE TO BE NUMBER 12 AWG. INSULATION TO BE TYPE THHN OR THWN, RATED 600V, 90 DEG C DRY, 75 DEG C WET. MANUFACTURERS TO BE SOUTHWIRE, ENCORE WIRE OR GENERAL CABLE.

12. WIRING DEVICES

12.1. WIRING DEVICES USED ON THIS PROJECT SHALL BE 'SPECIFICATION GRADE' AS MANUFACTURED BY HUBBELL, LEVITON OR PASS & SEYMOUR. COORDINATE DEVICE COLOR WITH OWNER. PROVIDE COVER PLATES (GALVANIZED STEEL: INTERIOR MECHANICAL ROOMS, DIECAST ALUMINUM WHILE IN USE: EXTERIOR LOCATIONS)

13. ENCLOSURES AND BOXES

13.1. FIRE ALARM SYTEM SHALL BE NON-CODED, ADDRESSABLE TYPE WITH BATTERY BACKUP, UL CERTIFIED AS PROTECTED PREMISES, CENTRAL STATION OR PROPRIETARY, OR IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITY HAVING JURISDICTION. FIRE ALARM SYSTEMS SHALL BE AS MANUFACTURED BY SIEMENS. CONTACT DAVE PURSEL WITH BERKSHIRE SYSTEMS GROUP AT 610-775-1200.

13.2. OPERATION OF PULL STATION, DETECTOR OR FLOW SWITCH SHALL INITIATE ALARM.

13.3. REMOTE ANNUNCIATOR SHALL BE LCD DISPLAY TYPE WITH ADJACENT FRAMED PLAN OF BUILDING TO INCLUDE LOCATIONS OF SIAMESE CONNECTION, SPRINKLER AND STANDIPE CONTROL VALES, FIREPUMP, ETC.

13.4. FIRE ALARM PULL STATIONS SHALL BE SINGLE OR DOUBLE ACTION, KEY OR TOOL RESET TO MATCH CAMPUS STANDARDS.

13.5. FIRE ALARM STROBES SHALL MEET THE REQUIREMENTS OF NFPA 72 AND ADA FOR LOCATION AND INTENSITIES.

13.6. ALL FIRE ALARM WIRING SHALL BE INSTALLED IN EMT OR IN ACCORDANCE WITH BUILDING STANDARDS. FIRE ALARM SYSTEM WIRING QUANTITIES, SIZES AND ROUTING SHALL BE IN STRICT ACCORDANCE WITH RECOMMENDATIONS AND REQUIREMENTS OF THE FIRE ALARM SYSTEM MANUFACTURER. ALL FIRE ALARM SYSTEM JUNCTION BOXES SHALL BE PAINTED RED AND SHALL BE NEATLY STENCILED WIN BLACK LETTERS "FIRE ALARM".

14. ENCLOSURES AND BOXES

14.1. OUTLET AND DEVICE BOXES SHALL BE GALVANIZED STEEL AND OF SUFFICIENT SIZE TO ACCOMMODATE ALL WIRING AND DEVICES TO BE INSTALLED .

14.2. EQUIPMENT AND PANELBOARD CABINETS, LARGE PULL BOXES AND SIMILAR CABINETS SHALL BE GALVANIZED STEEL OF GAUGE REQUIRED BY THE NATIONAL ELECTRICAL CODE .

15. IDENTIFICATION

15.1. FURNISH AND INSTALL ENGRAVED PHENOLIC NAMEPLATES ON ALL PANELBOARDS, CONTACTORS, AND SAFETY SWITCHES TO INDICATE VOLTAGE AND WHERE FED FROM.

15.2. LABEL RECEPTACLES TO INDICATE FEEDER SOURCE.

16. OUTAGES

16.1. ALL OUTAGES OF ELECTRICAL EQUIPMENT AFFECTED BY THIS WORK TO BE SCHEDULED WITH THE OWNER IN WRITING FIVE DAYS IN ADVANCE OF THE PLANNED OUTAGE. SCHEDULED OUTAGES MAY BE CANCELED BY THE OWNER AT ANY TIME.

17. AS-BUILTS AND OPERATION AND MAINTENANCE MANUALS

17.1. THE CONTRACTOR TO TURN OVER TO THE OWNER AT THE FINAL INSPECTION ONE BROCHURE CONTAINING A CLEAN SET OF MARKED-UP "AS BUILT" DRAWINGS, AS WELL AS A COMPLETE SET OF WIRING DIAGRAMS FOR EACH SYSTEM AND/OR EQUIPMENT ITEM.

18. PROJECT CLOSEOUT

18.1. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR TO GATHER IN ONE PLACE AND AT ONE TIME ALL LOOSE EQUIPMENT, KEYS, OPERATION MANUALS, AS-BUILT DRAWINGS, ETC.

19. TESTS

19.1. UPON COMPLETION OF THE WORK AND AT SUCH TIME AS THE OWNER MAY DIRECT, THE CONTRACTOR TO CONDUCT AN OPERATING TEST FOR APPROVAL. ALL SYSTEMS TO BE DEMONSTRATED TO BE IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. DEFECTS REVEALED TO BE CORRECTED PROMPTLY AND THE TEST RE-CONDUCTED AS THE OWNER MAY DIRECT.

20. GUARANTEE

20.1. THE CONTRACTOR TO GUARANTEE THE ENTIRE INSTALLATION FREE FROM ANY MECHANICAL OR ELECTRICAL DEFECTS FOR ONE YEAR.

COM*check* Software Version 4.1.5.3

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: MU BOYER RENOVATIONS
Project Type: Alteration

Construction Site:
17551

Owner/Agent:
MILLERSVILLE UNIVERSITY
MILLERSVILLE, PA 17551

Designer/Contractor:
STEVEN HEIDLAUF
CENTURY ENGINEERING
200 AIRPORT ROAD
NEW CUMBERLAND, PA 17070
717-907-7055
sheidlauf@centuryeng.com

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Dormitory Room (Common Space Types:Office - Enclosed)	10980	1.11	12188
2-Lobby (Common Space Types:Lobby - General)	800	0.90	720
3-Office (Common Space Types:Office - Enclosed)	200	1.11	222
4-Conf (Common Space Types:Conference/Meeting/Multipurpose)	3120	1.23	3838
		Total Allowed Watts =	16967

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Dormitory Room (Common Space Types:Office - Enclosed 10980 sq.ft.)				
LED 1: A1: 8' LED: Other:	1	55	64	3520
Lobby (Common Space Types:Lobby - General 800 sq.ft.)				
LED 4: A2: 4' LED: Other:	1	1	22	22
LED 5: A3: 2; LED: Other:	1	1	16	16
LED 6: B: 4" x 2' LED Flat Pnl: LED Panel 19W:	1	11	22	242
LED 7: C: 6" LED DL: Other:	1	3	16	48
Office (Common Space Types:Office - Enclosed 200 sq.ft.)				
LED 3: D: 1 x 4 LED: LED Other Fixture Unit 25W:	1	2	25	50
Conf (Common Space Types:Conference/Meeting/Multipurpose 3120 sq.ft.)				
LED 2: A1: 8' LED: Other:	1	16	64	1024
		Total Proposed Watts =		4922

Project Title: MU BOYER RENOVATIONS
Data filename: T:\2021\Facilities\210038.00 MU Lehigh MEP Assessment\MEP\04-Elec Dwgs & Calcs\Calculations\Lighting\Lehigh.cck
Report date: 10/28/21
Page 2 of 7

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COM*check* Version 4.1.5.3 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title _____ Signature _____ Date _____

Project Title: MU BOYER RENOVATIONS
Data filename: T:\2021\Facilities\210038.00 MU Lehigh MEP Assessment\MEP\04-Elec Dwgs & Calcs\Calculations\Lighting\Lehigh.cck
Report date: 10/28/21
Page 3 of 7

E - LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	VOLTS	LAMP TYPE	WATTS	LUMENS	COLOR TEMP. (K)	CRI	MOUNTING	MANUFACTURER	MODEL SERIES	REMARKS
A1	4"x8'-0" LONG LED FIXTURE	0 V	LED	64 VA	875 lm /Foot	3500 K	80	SURFACE	FOCAL POINT	SEEM 4	PROVIDE BATWING LENS, WHITE FINISH
A2	4"x4'-0" LONG LED FIXTURE	0 V	LED	22 VA	625 lm /Foot	3500 K	80	SURFACE	FOCAL POINT	SEEM 4	PROVIDE SATIN FLUSH LENS, WHITE FINISH
A3	4"x2'-0" LONG LED FIXTURE	0 V	LED	16 VA	875 lm /Foot	3500 K	80	SURFACE	FOCAL POINT	SEEM 4	PROVIDE SATIN FLUSH LENS, WHITE FINISH
B	4"x2'-0" LONG FLAT PANEL LED	0 V	LED	19 VA	500 lm/750 lm/1000 lm	3500 K	80	RECESSED	METALUX	RBG	SET LUMEN OUTPUT AT 1000 IN FIELD
C	6" ROUND LED DOWNLIGHT	0 V	LED	16 VA	1500 lm	3500 K	80	RECESSED	LIGHTOLIER	LGR	PROVIDE WITH CLEAR DIFFUSE REFLECTOR
D	1'x4' LENSED FIXTURE	0 V	LED	25 VA	3400 lm	3500 K	80	SURFACE	ORACLE LIGHTING	OSMT	PROVIDE WITH A19 LENS

This drawing is the property of Century Engineering and is prepared for the exclusive use of it's clients at the location indicated. No other use is authorized or intended.

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2021 ALL RIGHTS RESERVED

SEAL

NO.	DESCRIPTION	DATE

REVISIONS

LEHIGH HALL
MILLERSVILLE UNIVERSITY
MI-1209 LEHIGH HALL
RENOVATIONS

MILLERSVILLE
LANCASTER COUNTY
PENNSYLVANIA

SHEET TITLE
SPECIFICATIONS-ELECTRICAL

ISSUE DATE: 03/28/2022
DRAWN Author
DESIGNED Designer
CHECKED Checker
SCALE AS NOTED
SHEET NO. E-801
PROJECT NO. 210038