DESCRIPTION OF WORK:

TORREY HALL AND CAMPUS BUILDING HALL RENOVATION
OF THE UNIVERSITY OF RICHMOND. SECTION - B, DIVISION - 1.7

PURPOSE:

The purpose of this document is to provide a clear and concise understanding of the work to be performed within the alteration area of Torrey Hall and Campus Building Hall. This document outlines the design, cost estimation, structural engineering, and fire protection aspects of the project, which includes the renovation of existing facilities and the addition of new work to accommodate the needs of the university.

DESIGN RESPONSIBILITY NOTES:

1. The design responsibility for this project is shared between FISHER ENGINEERING and BASKERVILL.

2. FISHER ENGINEERING is responsible for fire protection design, including fire alarm systems, fire suppression systems, and fire protection engineering.

3. BASKERVILL is responsible for architectural design, interior design, and MEP systems design.

PROJECT NORTH

TRUE NORTH

CALL-OUT

SECTION CALL-OUT

ELEVATION

FINISH TAG

REVISION

FINISH TAG

KEYNOTE

DRAWING

TITLE SHEET

DUNBAR STRUCTURAL
1025 BULLDOGS PARKWAY, SUITE 310
RICHMOND, VA 23225
804.456.2274
CONTACT: A.J. RICKEL

BASKERVILL
1025 E CARY ST., SUITE 200 (23219)
RICHMOND, VA 23218-0400
804.343.1010
WWW.BASKERVILL.COM
CONTACT: JESSE WALTON

FISHER ENGINEERING
317 OFFICE SQUARE LANE, SUITE 101A
VIRGINIA BEACH, VA 23462
757.276.1272
CONTACT: BRIAN CARNAZZA

OWNER / CLIENT
VIRGINIA COMMONWEALTH UNIVERSITY
700 W. GRACE ST. SUITE 1500
RICHMOND, VA 23284
304.323.0123
CONTACT: KAREN NICELY

COST ESTIMATION
CCS
1815 S. MEYERS ROAD, SUITE 1070
OAKBROOK TERRACE, IL 60181
800.443.9837
CONTACT: WOODY SABER

STRUCTURAL ENGINEER
DUNBAR STRUCTURAL
1025 BULLDOGS PARKWAY, SUITE 310
RICHMOND, VA 23225
804.456.2274
CONTACT: A.J. RICKEL

ARCHITECTURE / INTERIORS / MEP
BASKERVILL
1025 E CARY ST., SUITE 200 (23219)
RICHMOND, VA 23218-0400
804.343.1010
WWW.BASKERVILL.COM
CONTACT: JESSE WALTON

FIRE PROTECTION
FISHER ENGINEERING
317 OFFICE SQUARE LANE, SUITE 101A
VIRGINIA BEACH, VA 23462
757.276.1272
CONTACT: BRIAN CARNAZZA

LOCATION MAP

VICINITY MAP

ALTERATION LEVEL KEY PLAN

TORREY HALL AND CAMPUS BUILDING HALL RENOVATION

 OWNER / GC COORDINATION BETWEEN THE LICENSED INSPECTING PROFESSIONAL AND THE CONTRACTOR, AND VEHICLES WHILE THE VEHICLE IS ON OWNER'S PROPERTY. OFFICES, STORAGE OR WORK SHEDS, WORK AREAS ASSIGNED EXCLUSIVELY TO THE CONTRACTOR, AND VEHICLES WHILE THE VEHICLE IS ON OWNER'S PROPERTY. PROHIBIT USE OF ALL TOBACCO PRODUCTS, INCLUDING BUT NOT LIMITED TO ELECTRONIC CIGARETTES BY ALL PERSONNEL COVERED BY THIS CONTRACT WHILE PROPERTY. USE OF TOBACCO PRODUCTS IS NOT PERMITTED ANYWHERE ON OWNER'S PROPERTY. PROHIBIT USE OF ALL TOBACCO PRODUCTS, INCLUDING BUT NOT LIMITED TO ELECTRONIC CIGARETTES BY ALL PERSONNEL COVERED BY THIS CONTRACT WHILE PROPERTY. USE OF TOBACCO PRODUCTS IS NOT PERMITTED ANYWHERE ON OWNER'S PROPERTY.

ABATEMENT NOTES:

ASBESTOS DISCLOSURE NOTE:

LEAD PAINT DISCLOSURE NOTE:

IFPA - COMPLIANCE STATEMENT:

NOTE: ASBESTOS DISCLOSURE STATEMENTS ARE NOT NEEDED FOR THE AREA OF WORK.

TOBACCO FREE WORKZONE NOTES:

TYPICAL OF TOBACCO FREE WORKZONES:

FIREPROOFING NOTES:

2. SPRAYED FIREPROOFING FOR STRUCTURAL MEMBERS WITH W/D OR A/P RATIOS

1. ALL FIREPROOFING DESIGNS SHOULD BE CONSIDERED THERMALLY UNRESTRAINED.

4. PENETRATIONS AT CHASE WALLS SHALL BE FIRE SEALED.
SCHERER HALL
RENOVATION

CODE DATA

CHAPTER 2: DEFINITIONS

CHAPTER 4: SPECIAL DETAILED REQUIREMENTS

CHAPTER 9: FIRE PROTECTION SYSTEMS

CODE DATA (EXISTING BUILDING)

ABBREVIATIONS

ABBREVIATIONS

CODE DATA

CHAPTER 2: DEFINITIONS

CHAPTER 4: SPECIAL DETAILED REQUIREMENTS

CHAPTER 9: FIRE PROTECTION SYSTEMS

CODE DATA (EXISTING BUILDING)

ABBREVIATIONS
GENERAL DEMOLITION NOTES

1. CONTRACTOR TO CONTACT OWNER PRIOR TO START OF DEMOLITION OF ANY AREAS TO ALLOW OWNER TO REMOVE ANY MOVABLE EQUIPMENT SO DESIRED.

2. REMOVE ALL FIRE EXTINGUISHERS AND CABINETS IN WALLS TO BE DEMOLISHED AND RETURN TO OWNER FOR FUTURE REUSE.

3. REPAIR HOLES IN EXISTING WALLS TO REMAIN WHERE WALL MOUNTED ITEMS ARE TO BE REMOVED. REFER TO ROOM FINISH LEGEND FOR FINAL FINISH.

4. PATCH, FILL, AND LEVEL ALL HOLES IN FLOOR SLAB DUE TO DEMOLITION OF PLUMBING RISERS, FLOOR DRAINS, ELECTRICAL RISERS, MILLWORK, CASEWORK, OR EQUIPMENT.

5. ADDITIONAL DEMOLITION MAY BE REQUIRED TO ACCOMMODATE NEW CONSTRUCTION SHOWN ON OTHER SHEETS. CONTRACTORS TO REVIEW EXISTING CONDITIONS AND INCLUDE IN BASE BID ALL DEMOLITION REQUIRED FOR A COMPLETE INSTALLATION.

6. CONTRACTOR TO MATCH ALL EXISTING CONDITIONS FOR ALL REQUIRED MODIFICATIONS IN RENOVATED AREAS (U.N.O.). THIS REFERS TO REPETITIONS OF FINISH PATTERNS AND COLORS, MODIFICATIONS TO HANDRAILS AND BUMPER PANELS, ETC.

7. WHERE PARTITIONS, EQUIPMENT, OR ACCESSORIES, ETC. ARE REMOVED AND NO REPLACEMENT FINISH IS CALLED FOR, THE GENERAL CONTRACTOR SHALL REPAIR TO MATCH ADJACENT FINISH.

8. CONTRACTOR TO PROTECT FROM DAMAGE ALL EXISTING FLOORS, WALLS, CEILINGS, ETC. DURING CONSTRUCTION AND PROVIDE TEMPORARY PARTITIONS AS NEEDED. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND REPLACEMENT OF ALL DAMAGED FLOORING, WALLS, CEILINGS, ETC. FINISHES TO MATCH EXISTING.

9. DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE DEMOLISHED. TYPICAL (U.N.O.).

10. ADDITIONAL WORK WHICH IS TO REMAIN IN PLACE SHALL BE PROTECTED FROM DAMAGE, AND IF DAMAGED SHALL BE REPAIRED AT NO COST TO THE OWNER OR TENANT.

11. REMOVE ALL FLOOR COVERINGS AND PREP CONCRETE CHECK FOR NEW CARPET, VINYL AND CERAMIC TILE AS SCHEDULED. (TYPICAL - ALL ROOMS WITHIN LIMITS OF PROJECT).

12. DURING DEMOLITION, COORDINATE WITH REMOVAL AND/OR RELOCATION OF ELECTRICAL AND MECHANICAL WORK. NOTIFY ARCHITECT OF CONFLICTS OR DISCREPENCIES BEFORE BEGINNING WORK.

13. FILE ALL DE-ENERGIZED CIRCUIT WIRING SHALL BE REMOVED BACK TO PANEL BOARD.

14. NOT ALL ITEMS TO BE REMOVED ARE INDICATED. CONTRACTOR TO VISIT SITE AND FAMILIARIZE THEMSELVES WITH THE SITE CONDITIONS PRIOR TO BIDDING AND/OR BEGINNING WORK.

15. CONTRACTOR TO REMOVE ALL UPPER LEVEL ELECTRICAL PANELS DOORS AND PROTECT SAME FROM DAMAGE. DOORS SHALL BE REPAIRED AT THE COST TO THE OWNER OR TENANT.

16. PERMITS TO REMOVE ALL DEMOLISHED COMPONENTS FROM SITE AND STORED FOR REUSE.

17. ALL DE-ENERGIZED CIRCUIT WIRING SHALL BE REMOVED BACK TO PANEL BOARD.

18. INSTALL TEMPORARY FILTERS IN HVAC UNIT AND REPLACE AT COMPLETION OF WORK.

GENERAL BASEMENT NOTES

1. NO ARCHITECTURAL DEMOLITION SCOPE INCLUDED IN THE BASEMENT LEVEL OF PARTITION PHASE LEGEND.

2. REMOVE ALL FIRE EXTINGUISHERS AND CABINETS IN WALLS TO BE DEMOLISHED AND RETURN TO OWNER FOR FUTURE REUSE.

3. REPAIR HOLES IN EXISTING WALLS TO REMAIN WHERE WALL MOUNTED ITEMS ARE TO BE REMOVED. REFER TO ROOM FINISH LEGEND FOR FINAL FINISH.

4. PATCH, FILL, AND LEVEL ALL HOLES IN FLOOR SLAB DUE TO DEMOLITION OF PLUMBING RISERS, FLOOR DRAINS, ELECTRICAL RISERS, MILLWORK, CASEWORK, OR EQUIPMENT.

5. ADDITIONAL DEMOLITION MAY BE REQUIRED TO ACCOMMODATE NEW CONSTRUCTION SHOWN ON OTHER SHEETS. CONTRACTORS TO REVIEW EXISTING CONDITIONS AND INCLUDE IN BASE BID ALL
01/26/2024

KEYNOTES

1/4" = 1'-0"

FOR PUT BACK IN SAME LOCATION DURING NEW CONSTRUCTION

RECESSED DOWN LIGHT FIXTURE TO BE REMOVED AND SALVAGED

LABELED, AND STORED FOR REUSE

ENTRY

INTERIM DOF

100

102

ENTRY

100

02.41.04.03

02.41.04.09

02.41.04.06

02.41.04.07

RECEPTION

RECEPTION

02.41.04.09

02.41.04.09

104

104

RECEPTION

103

105

107

FACULTY &

105

105

112

EXTENT OF MECHANICAL SCOPE

02.41.04.01 REMOVE EXISTING LVT FLOORING. PROTECT, LABEL, AND STORE FOR REUSE IN SAME LOCATION AFTER CONSTRUCTION.

02.41.04.04 REMOVE CARPET, PADDING AND ADHESIVE (IF ANY) AS INDICATED. LABEL AND STORE FOR RE-INSTALLATION IN SAME ROOM ONCE REPAIRS ARE COMPLETED.

02.41.04.01a SELECTIVE DEMOLITION OF WALL FOR NEW BACKFLOW PREVENTER

02.41.04.01a CUT AND REMOVE PORTION OF DRYWALL, FULL HEIGHT AS INDICATED ON KEYNOTES

02.41.04.17 ALL CEILING MOUNTED SIGNAGE TO BE REMOVED, LABELED ACCORDING TO LOCATION, AND STORED DURING CONSTRUCTION. REINSTALL IN SAME LOCATION AFTER CONSTRUCTION IS COMPLETE.

02.41.04.11 REMOVE EXISTING COUNTERTOPS, CASEWORK, AND HARDWARE AS INDICATED. LABEL AND STORE FOR RE-USE. PATCH AND REPAIR OPENING DUE TO REMOVAL OF CASEWORK. INSTALL TEMPORARY LIGHTING DURING DEMOLITION IN THOSE CORRIDORS AS COORDINATE WITH ELECTRICAL PLANS.

02.41.04.12 REMOVE EXISTING SINK, FAUCET AND ASSOCIATED PIPING AND TRIM AS INDICATED. LABEL AND STORE SINKS, FAUCETS AND TRIM FOR RE-INSTALLATION WHEREVER NEW WORK IS TO BE PERFORMED.

02.41.04.16 REMOVE EXISTING LINEAR LIGHT FIXTURES TO BE REMOVED, LABELED FOR REUSE IN SAME LOCATION.

02.41.04.17 RESTROOMcco

02.41.04.18 EXISTING LINEAR LIGHT FIXTURES TO BE REMOVED, LABELED FOR REUSE IN SAME LOCATION.

02.41.04.15 REMOVE EXISTING SINK, FAUCET AND ASSOCIATED PIPING AND TRIM AS INDICATED. LABEL AND STORE SINKS, FAUCETS AND TRIM FOR RE-INSTALLATION WHEREVER NEW WORK IS TO BE PERFORMED.

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02.41.04.17 RESTROOMcco

02.41.04.18 EXISTING LINEAR LIGHT FIXTURES TO BE REMOVED, LABELED FOR REUSE IN SAME LOCATION.
3RD FLOOR DEMOLITION PLAN

- REMOVE EXISTING DRYWALL CEILING.
- REMOVE VINYL FLOORING IN ITS ENTIRETY. REMOVE ALL GLUES ANDstände.
- REMOVE CEILING GRID AND PANELS ABOVE WINDOW POCKET. LABEL UPON COMPLETION OF STRUCTURAL REPAIRS. REFER TO ENLARGED TOILET PLANS ON A610.
- REMOVE ALL TOILET ACCESSORIES WITHIN SCOPE OF DEMOLITION. STORE, ASSOCIATED PIPING AND ACCESSORIES FOR PUT BACK IN PRIOR LOCATION UPON COMPLETION OF STRUCTURAL WORK AS SCHEDULED.
- REMOVE ALL WALL BASE THROUGHOUT EXTENT OF STRUCTURAL WORK. PATCH AND REPAIR OPENING DAMAGE DURING CONSTRUCTION. CLEAN AND RE-LAMP AS REQUIRED.
- REMOVE ALL CEILING MOUNTED SIGNAGE TO BE REMOVED, LABELED ACCORDING TO LOCATIONS AFTER CONSTRUCTION IS COMPLETE. COORDINATE WITH STRUCTURAL COMPLETED. REFER TO ENLARGED TOILET PLANS ON A610.
- REMOVE EXISTING WATER COOLER AND ASSOCIATED PIPING AND ACCESSORIES FOR PUT BACK IN PRIOR LOCATION UPON COMPLETION OF STRUCTURAL REPAIRS. REFER TO ENLARGED TOILET PLANS ON A610.
- REMOVE SWITCH PLATES, SIGNAGE, AND ADHESIVE THROUGHOUT ENTIRE KEYNOTES
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- REMOVE ALL TOILET ACCESSORIES WITHIN SCOPE OF DEMOLITION. STORE, ASSOCIATED PIPING AND ACCESSORIES FOR PUT BACK IN PRIOR LOCATION UPON COMPLETION OF STRUCTURAL WORK AS SCHEDULED.
- REMOVE ALL WALL BASE THROUGHOUT EXTENT OF STRUCTURAL WORK. PATCH AND REPAIR OPENING DAMAGE DURING CONSTRUCTION. CLEAN AND RE-LAMP AS REQUIRED.
- REMOVE ALL CEILING MOUNTED SIGNAGE TO BE REMOVED, LABELED ACCORDING TO LOCATIONS AFTER CONSTRUCTION IS COMPLETE. COORDINATE WITH STRUCTURAL COMPLETED. REFER TO ENLARGED TOILET PLANS ON A610.
SUSPENDED CEILING SYSTEM TO BE REMOVED, SALVAGED, AND STORED DURING DEMOLITION. LABEL UPON REMOVAL FOR RE-INSTALLATION IN SAME LOCATION. CARPET WILL BE REMOVED FROM ROOM 401 TO SERVE AS TEMPORARY LIGHTING DURING DEMOLITION. COORDINATE WITH ELECTRICAL PLANS. CONTRACTOR SHALL PROVIDE TEMPORARY LIGHTING IN THOSE CORRIDORS AS REQUIRED. CONTRACTOR SHALL PROTECT LIGHT FIXTURES FROM DAMAGE DURING CONSTRUCTION. CLEAN AND RE-LAMP AS REQUIRED.

REMOVE EXISTING DRYWALL CEILING. CUT AND REMOVE PORTION OF DRYWALL, FULL HEIGHT AS INDICATED ON PLAN. STUD FRAMING, WALL INSULATION (IF ANY) TO REMAIN DURING DEMOLITION. INSTALL IN SAME LOCATIONS WITHIN NEW CEILINGS. REMOVE CEILING GRID AND PANELS ABOVE WINDOW POCKET. LABEL UPON REMOVAL. REMOVE CARPET, PADDING AND ADHESIVE (IF ANY) AS INDICATED. LABEL.

REMOVE EXISTING SINK, FAUCET AND ASSOCIATED PIPING AND ACCESSORIES. REMOVE ALL TOILET ACCESSORIES WITHIN SCOPE OF DEMOLITION. STORE, AND STORED DURING CONSTRUCTION. RE-INSTALL IN SAME LOCATIONS AFTER REPAIRS ARE COMPLETED. REFER TO ENLARGED TOILET PLANS ON A610.

REMOVE EXISTING WATER COOLER AND ASSOCIATED PIPING AND ACCESSORIES. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION. COORDINATION PURPOSES ONLY. REFER TO STRUCTURAL DRAWINGS FOR DEMOLITION LIMITS. COORDINATE WITH ELECTRICAL PLANS.

ALL EXISTING RECESSED FLUORESCENT 2'X2' AND 2'X4' LIGHT FIXTURES TO BE REMOVED, SALVAGED, AND STORED DURING CONSTRUCTION. CEILING GRID AND PANELS TO BE RE-INSTALLED UPON REMOVAL FOR RE-INSTALLATION IN SAME LOCATION. BASE FOR REUSE IN SAME LOCATION AFTER CONSTRUCTION. LOCATE, AND STORE WALL BASE FOR RE-INSTALLATION IN SAME LOCATION UPON COMPLETION OF CONSTRUCTION. REFER TO ENLARGED TOILET PLANS ON A610.

REMOVE EXISTING DOOR AND DOOR FRAME. PROTECT AND SALVAGE DOOR BASE FOR REUSE IN SAME LOCATION AFTER CONSTRUCTION. LOCATE, AND STORE WALL BASE FOR RE-INSTALLATION IN SAME LOCATION UPON COMPLETION OF CONSTRUCTION. REFER TO ENLARGED TOILET PLANS ON A610.

REMOVE SWITCH PLATES, SIGNAGE, AND ADHESIVE THROUGHOUT ENTIRE BUILDING. REMOVE EXISTING WATER COOLER AND ASSOCIATED PIPING AND ACCESSORIES BACK TO WALL AND TEMPORARILY CAP FOR NEW SINK AND FRAME AND ALL HARDWARE FOR RE-USE. PATCH AND REPAIR OPENING IN WALL BASE. REMOVE EXISTING WATER COOLER AND ASSOCIATED PIPING AND ACCESSORIES FOR PUT BACK IN PRIOR LOCATION.

REFERENCES:
WORKING DRAWINGS 4
ISSUE 1
DASHED LINES INDICATE LOCATION OF STRUCTURAL SHORING SHOWN FOR FURTHER INFORMATION.

ROOM
CLOSET
402
ELEVATOR
E1
S1
SD
DIR OF ADMIN
02.41.04.04
02.41.04.01
02.41.04.07
02.41.04.09
OUTREACH
02.41.04.03
02.41.04.08
02.41.04.02
02.41.04.06
EXEC
02.41.04.13
02.41.04.10
02.41.04.11
02.41.04.12
02.41.04.05
02.41.04.01
02.41.04.15
02.41.04.14
TELECOM
400A
404
RESTROOM
406
CONFERENCE
SMALL
407
RESTROOM
408
SD
401
402
403
404
405
406
407
408
412
SR
414
EXEC
413
EXEC
411
EXEC
**Keynotes**

- **01/26/2024**
  - Ceilings shall be removed, salvaged, labeled, and stored during construction. Ceiling will be re-installed in same room once repairs are completed.
  - Contractors shall protect lighting fixtures from structural repairs. Lighting fixtures shall be supported independently of the suspended ceiling system.
  - Contractors shall coordinate with the electrical plans.
  - Contractors shall maintain electrical service to areas outside of the demolition area and serving other areas outside of the demolition limits. 
  - Contractors shall identify and protect all electrical services passing through the work area.
  - Contractors shall protect existing recessed fluorescent 2’x2’ and 2’x4’ light fixtures from demolition work. Light fixtures shall be removed and salvaged, and stocked during construction. Recessed downlight fixtures to be removed and salvaged. 2’x4’ light fixtures to be affixed to the structure.
  - Contractors shall remove existing door and door frame. Protect and salvage door frame and all hardware for re-use. Patches and repairs are completed. Refer to enlarged toilet plans on A610 for new door as scheduled.
  - Contractors shall remove all toilet accessories within the scope of demolition. Store, label, and save during construction. Re-Install in prior location upon completion of construction.
  - Contractors shall remove all wall base throughout the extent of structural work. Label, save, and re-install wall base for re-installation in same location upon completion of structural repairs.
  - Contractors shall remove all sink, faucet, and associated piping and accessories. Contractors shall remove, salvage, label, and store all water coolers and associated piping and accessories for put back in prior location upon completion of construction.
  - Contractors shall remove all switch plates, signage, and adhesive throughout the entire extent of the work.
  - Contractors shall remove all ceiling mounted signage. Label and store in accordance to locations after construction is complete. Coordinate with electrical plans.
  - Contractors shall remove all electrical service passing through the work area.
  - Contractors shall remove, salvage, label, and store rubber wall components. Contractors shall coordinate with the electrical plans.
  - Contractors shall remove all to/from closet hardware.
  - Contractors shall remove all carpet and associated components.
  - Contractors shall remove all drywall.
1. The reflected ceiling plan provides information concerning the locations of lights, ceiling fixtures, HVAC grilles, etc. Refer to the reflected ceiling plan for locations only. Refer to mechanical, electrical, and plumbing drawings for applicable engineering information.

2. Sprinkler heads are not indicated. Refer to fire protection drawings for sprinkler requirements and information.

3. Ceiling fixtures including grilles, diffusers, incandescent lights, etc. are to be located in the same location as existing in acoustic ceiling panels unless noted otherwise.

4. All ceiling heights noted are above finished floor (A.F.F.). Structural repairs may require that noted ceiling heights adjust in some areas. Coordinate final ceiling heights with mechanical drawings and upon completion of structural repairs.

EXTENT OF MECHANICAL SCOPE
EXTENT OF STRUCTURAL SCOPE

GENERAL BASEMENT NOTES

PROJECT NUMBER

BASEMENT NEW WORK
FLOOR PLAN & RCP

01/26/2024 - WORKING DRAWINGS 4

KEYNOTES

1. The reflected ceiling plan provides information concerning the locations of lights, ceiling fixtures, HVAC grilles, etc. Refer to the reflected ceiling plan for locations only. Refer to mechanical, electrical, and plumbing drawings for applicable engineering information.

2. Sprinkler heads are not indicated. Refer to fire protection drawings for sprinkler requirements and information.

3. Ceiling fixtures including grilles, diffusers, incandescent lights, etc. are to be located in the same location as existing in acoustic ceiling panels unless noted otherwise.

4. All ceiling heights noted are above finished floor (A.F.F.). Structural repairs may require that noted ceiling heights adjust in some areas. Coordinate final ceiling heights with mechanical drawings and upon completion of structural repairs.

BASEMENT NEW WORK PLAN

A100

2.220318.0

26.51.20 ALL LIGHTING THROUGHOUT BASEMENT EXISTING TO REMAIN. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

23.00.00.1 MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

REFLECTED CEILING PLAN LEGEND

EXHAUST GRILLE
RETURN GRILLE
SUPPLY DIFFUSER
SUSPENDED CEILING SYSTEM
STRIP FLUORESCENT LIGHT FIXTURE
EMERGENCY WALL MOUNTED LIGHT FIXTURE WITH BATTERY BACKUP - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES

GENERAL BASEMENT NOTES

1. No architectural demolition scope included in the basement level of the project.

2. Inclusion of basement level plans in the architectural drawing set to denote the extent of the scope of work for other disciplines. See MEP and structural drawings for details and information regarding the basement level.

3. The reflected ceiling plan provides information concerning the locations of lights, ceiling fixtures, HVAC grilles, etc. Refer to the reflected ceiling plan for locations only. Refer to mechanical, electrical, and plumbing drawings for applicable engineering information.

4. Sprinkler heads are not indicated. Refer to fire protection drawings for sprinkler requirements and information.

5. Ceiling fixtures including grilles, diffusers, incandescent lights, etc. are to be located in the same location as existing in acoustic ceiling panels unless noted otherwise.

6. All ceiling heights noted are above finished floor (A.F.F.). Structural repairs may require that noted ceiling heights adjust in some areas. Coordinate final ceiling heights with mechanical drawings and upon completion of structural repairs.
REVIEWED RECORD DRAWINGS BY BALLOU JUSTICE UPTON ASSOCIATES

REVEAL AROUND DOOR IS EVEN. RE-USE EXISTING HARDWARE.

RE-USE HARDWARE SAVED FROM DEMOLITION.

RE-INSTALL SALVAGED CARPET AND PAD IN SAME INSTALLATION

RE-INSTALL WALL BASE SALVAGED FROM DEMOLITION. PROVIDE AND

RE-INSTALL FLOORING TRANSITION STRIPS SALVAGED DURING DEMOLITION

RE-INSTALL COMPLETE WITH SALVAGED P-TRAP, ANGLE VALVES AND

RE-INSTALL COMPLETE WITH ASSE 1070

RE-INSTALL SALVAGED CARPET AND PAD IN SAME INSTALLATION

DIMENSIONS TO BE 2'-0" WIDEN WALL BASE TO BE 1'-0"

REPLACE ALUMINUM PIPES WITH COPPER PIPE. PROVIDE COPPER 2" PIPING TO
directly connect to new mechanical systems.

WORKALL/MECHANICAL SHEET METAL WITH METAL GASKETS.

DIMENSIONS TO BE 2'-0" WIDEN WALL BASE TO BE 1'-0"

REPLACE ALUMINUM PIPES WITH COPPER PIPE. PROVIDE COPPER 2" PIPING TO
directly connect to new mechanical systems.

WORKALL/MECHANICAL SHEET METAL WITH METAL GASKETS.

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WORKALL/MECHANICAL SHEET METAL WITH METAL GASKETS.
1. The PARTITION TYPE SCHEDULE includes data for each partition along the scope of work. 
2. The PARTITION TYPE SCHEDULE includes data for each partition along the scope of work. 
3. The PARTITION TYPE SCHEDULE includes data for each partition along the scope of work. 
4. The PARTITION TYPE SCHEDULE includes data for each partition along the scope of work.

ACCESSORY NOTES

1. EQUIPMENT INDICATED ON SHEET MAY NOT BE USED ON THE PROJECT. REFER TO EQUIPMENT PLANS, ELEVATIONS, ETC., FOR LOCATION AND QUANTITY OF ITEMS. 
2. EXISTING CONDITION REPORTS FOR OWNER INFORMATION. 
3. OWNER INFORMATION.

PARTITION TYPE SCHEDULE

<table>
<thead>
<tr>
<th>PARTITION TYPE</th>
<th>NOMINAL WIDTH</th>
<th>TREES</th>
<th>FLOOR</th>
<th>WALL</th>
<th>CEILING</th>
<th>HEIGHT</th>
<th>LOCATION</th>
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GENERAL STRUCTURAL NOTES

GENERAL BUILDING CODE

PART 1 OF VUSBC

FORCE

01/26/2024

INTERIOR SOG = 36 KSI

Ps = P (20.0 PSF) = P

PART II OF THE VUSBC

HILTI

GENERAL/BUILDING CODE

ADHESIVE ANCHORING SYSTEMS SHALL BE ONE OF:

1. TIE MAX W/CM (PSI)

HOLLOW CMU. INSTALL USING DRILL IN ROTATION

THE CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS, DIMENSIONS, SECTIONS, AND DETAILS SHOWN ON DRAWINGS.

C-2: SCOPE OF CONCRETE WORK INCLUDES MECHANICAL EQUIPMENT HOUSEKEEPING PADS IN THE BASEMENT.

SET XP BY SIMPSON STRONG TIE

HIT HY 270 BY HILTI

AC 200+ BY DEWALT

PC: 236-B2236-038

BASKERVILL, P.O. BOX 400, RICHMOND, VA 23218-0400

THE ENGINEER SHALL NOT HAVE THE AUTHORITY OR RESPONSIBILITY TO SUPERVISE OR DIRECT THE WORK OF THE CONTRACTOR.

USE ONLY A CARBIDE BIT (NO CORE DRILLING) AND CLEAN HOLE FOLLOWING MANUFACTURER’S INSTRUCTIONS USING AIR COMPRESSOR WITH NOZZLE AND WIRE BRUSH PROVIDED BY ADHESIVE MANUFACTURER.

EQUIVALENT EDGE AND SPACING REQUIREMENTS AS THE SPECIFIED PRODUCTS.

SPECIAL INSPECTIONS ARE REQUIRED BY THE BUILDING CODE (CHAPTER 17). REFER TO SECTION 014000 OF THE ORIGINAL 1910 APARTMENT BUILDING WAS RENOVATED INTO AN OFFICE BUILDING IN 1989. THE ENGINEER SHALL NOT HAVE THE AUTHORITY OR RESPONSIBILITY TO SUPERVISE OR DIRECT THE WORK OF THE CONTRACTOR.

SCHERER HALL

RENOVATION

PAGE 1

01/26/2024 - WORKING DRAWINGS 4

GENERAL STRUCTURAL NOTES

S001
BASEMENT SHORING/JACKING SUPPORT PLAN (1ST FLOOR FRAMING PLAN)

1. EXISTING BASEMENT FLOOR ELEVATION = (-8'-1 1/2" ±) MEASURED RELATIVE TO EXISTING 1ST FLOOR ELEVATION = (+0'-0") UNLESS NOTED THUS RELATIVE TO EXISTING BASEMENT FLOOR.
2. REFERENCE DRAWING S301 FOR TYPICAL SHORING DETAILS.
3. FLOOR LIVE LOADING USED FOR DESIGN:
   • 20 PSF CONSTRUCTION LOAD TYPICAL UNO
4. ALL LUMBER SHOWN SHALL BE NO. 2 SOUTHERN PINE.
5. PERIODICALLY INSPECT SHORING FOR DAMAGE OR MOVEMENT.
6. FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO THE FABRICATION AND CONSTRUCTION OF ANY NEW STRUCTURAL MEMBERS.
7. EXISTING STRUCTURAL INFORMATION SHOWN ON THESE DRAWINGS IS FROM ORIGINAL 1910 DRAWINGS, 1989 SCHERER HALL RENOVATION DRAWINGS AND FIELD OBSERVATIONS. FIELD VERIFY ACTUAL CONDITIONS THAT AFFECT THE WORK ONCE FINISHES ARE REMOVED.

SHORING NOTES:
A. AS 550 POST SHORE BELOW EXISTING BEAM AND DOWN TO EXISTING CONCRETE SLAB
B. 6" DIA PIPE COLUMN
C. CANTILEVER 6X8 AT TOP OF POST SHORES TO WALL
D. ADJUST LOCATION OF SHORING/JACKING AND 6X8 TOP AND BOTTOM IN FIELD TO MISS EXISTING EQUIPMENT
E. 2'-0" X 2'-0" SHORING TOWER BELOW EXISTING JOISTS. SUPPORT ON (2) LAYERS OF 6X6 MAT ON EXISTING CONCRETE SLAB.
F. 4'-0" X 2'-0" SHORING TOWER BELOW EXISTING JOISTS. SUPPORT ON (2) LAYERS OF 6X6 MAT ON EXISTING CONCRETE SLAB.
G. SHORING BEAM EACH SIDE ABOVE TIGHT TO DECK WHERE BETWEEN JOISTS
H. NOTE 'A'
I. NOTE 'A'
J. 6" TYP AREAWAY

SCALE:  1/4" =  1' - 0"
1. REFERENCE DRAWINGS EXIT FOR TYPICAL SHORING DETAILS
2. DRAWING LINES DO NOT CONSTITUTE A CONSTRUCTION DESIGN.
   DRAWN TO SCALE ONLY AS AN AID TO CONSTRUCTION.
3. ALL BOUNDARIES SHOWN WILL BE NO. 2 CORDWOOD FENCE.
4. PRESCONTEC IS NOT WORKING FOR FINAL SITE PREPARATION.
5. ALL DWG. LINE LEADS IDENTIFICATIONS AND CONDITIONS PRIOR TO TURN-GOODING AND CONSTRUCTION OF ANYTHING STRUCTURAL.
6. EXISTING SITE INFORMATION SHOWN ON THESE DRAWINGS IS FROM ORAL, ORAL DRAWINGS, ORWRITING SAMPLES. CONSTRUCTION DRAWINGS ARE TO BE CONFIRMED WITH ON-SITE OBSERVATIONS AND FIELD OBSERVATIONS. CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS THAT AFFECT THE 2020 DRAWINGS ARE REFLECTED.
1. EXISTING 2ND FLOOR ELEVATION = (+11'-9" ±) MEASURED RELATIVE TO EXISTING 1ST FLOOR ELEVATION (+0'-0').

2. LEVELING THAT CORRESPONDS TO EACH OF THE EXISTING SPOT ELEVATIONS BY DUNBAR THAT EXTENDS TO THE 3RD FLOOR.

3. 0'-0" BEARING STAIR PLATE (EACH END)

4. SHORING/JACKING LINE 1 (2"X11 1/2")

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

6. FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO THE FABRICATION AND CONSTRUCTION OF ANY NEW STRUCTURAL MEMBERS.
1. REFERENCE DRAWING S301 FOR TYPICAL SHORING DETAILS.
2. DO NOT USE CONCRETE FOR SHORING/JACKING DETAILS.
3. ALL LUMBER SHOWN SHALL BE NO. 2 SOUTHERN PINE.
4. PERIODICALLY INSPECT SHORING FOR DAMAGE OR MOVEMENT.
5. DEDUCTIVE SHORING/STALLING DETAILS ARE CONSIDERED TO BE THE CONTRACTOR'S RESPONSIBILITY.
6. EXISTING STRUCTURAL INFORMATION SHOWN ON THESE DRAWINGS IS REPRESENTATIVE. PER DRAWINGS, THE CONTRACTOR SHALL CONFIRM ALL EXISTING STRUCTURAL MEMBERS.
MAINTAIN EXISTING THRESHOLD ELEVATION AT ELEVATOR STAIR

S202

S201

REFERENCE FINISH FLOOR ELEVATION

4TH FLOOR EXISTING SPOT ELEVATIONS PLAN

1. REFERENCE DRAWINGS S301 FOR TYPICAL SHORING DETAILS.
2. FLOOR LIVE LOADING USED FOR SHORING/JACKING DESIGN:
   • 20 PSF CONSTRUCTION LOAD TYPICAL UNO
3. ALL LUMBER WOOD IS 2" X 12" CLEAR
4. PERIODICALLY ASK SHORING/PILING COMPANY FOR INSPECTION.
5. FIELD VERIFY ALL EXISTING EMBRACED AND CONDITION PRIOR TO THE FABRICATION AND CONSTRUCTION OF ANY NEW STRUCTURAL MEMBERS.
6. ACCURATE RECORDS OF ALL SHORING AND JACKING ARE THE RESPONSIBILITY OF THE CONSTRUCTION CORPORATION. CONTRACTOR SHALL FIELD VERIFY ACTUAL CONDITIONS THAT AFFECT THE WORK AND PROVIDE VARIATION REPORTS.

4TH FLOOR SHORING/JACKING SUPPORT PLAN (5TH FLOOR FRAMING PLAN)

1. REFERENCE DRAWINGS S301 FOR TYPICAL SHORING DETAILS.
2. FLOOR LIVE LOADING USED FOR SHORING/JACKING DESIGN:
   • 20 PSF CONSTRUCTION LOAD TYPICAL UNO
3. ALL LUMBER WOOD IS 2" X 12" CLEAR
4. PERIODICALLY ASK SHORING/PILING COMPANY FOR INSPECTION.
5. FIELD VERIFY ALL EXISTING EMBRACED AND CONDITION PRIOR TO THE FABRICATION AND CONSTRUCTION OF ANY NEW STRUCTURAL MEMBERS.
6. ACCURATE RECORDS OF ALL SHORING AND JACKING ARE THE RESPONSIBILITY OF THE CONSTRUCTION CORPORATION. CONTRACTOR SHALL FIELD VERIFY ACTUAL CONDITIONS THAT AFFECT THE WORK AND PROVIDE VARIATION REPORTS.

SHORING/JACKING LINE 1

SHORING/JACKING LINE 2

SHORING/JACKING LINE 3

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

0'-0"  2'-0"  4'-0"  8'-0"

FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO THE FABRICATION AND CONSTRUCTION OF ANY NEW STRUCTURAL MEMBERS.

EXISTING STRUCTURAL INFORMATION SHOWN ON THESE DRAWINGS IS FROM ORIGINAL 1910 DRAWINGS, 1989 SCHERER HALL RENOVATION DRAWINGS, AND LIMITED FIELD OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ACTUAL CONDITIONS THAT AFFECT THE WORK ONCE FINISHES ARE REMOVED.

4TH FLOOR EXISTING SPOT ELEVATIONS PLAN

N 4A

N 4B

ISSUE 4TH FLOOR SHORING/JACKING SUPPORT PLAN (5TH FLOOR FRAMING PLAN)
5TH FLOOR EXISTING SPOT ELEVATIONS PLAN

1. Existing Floor Elevation + 0’-0” if measured relative to existing 0’-0” floor elevation line.
2. Existing Unit Elevation may not indicate true location of floors/ceiling/roofs.
3. Existing Unit Elevation dimensions approximate, include reference only.
4. Contractor shall field verify existing floor elevations for their final use.

5TH FLOOR SHORING/JACKING SUPPORT PLAN (CEILING AND ROOF FRAMING)

1. Reference drawings E03 for typical shoring details.
2. Ponto’s looking date for shoring/shaking design.
3. All lumber must meet 50 N 2 shoring.
4. Periodically inspect shoring for damage or movement.
5. Stagger field joints in framing and shoring to provide the most seismic protection.

EXISTING ROOF FRAMING/ELECTRICAL IN THIS AREA

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SCHERER HALL
RENOVATION

DRAWN:
CHECKED:
DATE:
SCALE:
5TH FLOOR EXISTING SPOT ELEVATIONS PLAN AND SHORING/JACKING SUPPORT PLAN (CEILING AND ROOF FRAMING PLAN)
**SHORING / JACKING NOTES**

1. **SHORING / JACKING SHOWN ON THESE DRAWINGS IS REQUIRED DUE TO UNLEVEL FLOORS 2-5 THAT HAVE SAGGED.**
   - **SHORING / JACKING LINE 1**
   - **SHORING / JACKING LINE 2**
   - **SHORING / JACKING LINE 3**

2. **THE ORIGINAL DRAWINGS, DATED JANUARY 1910, INDICATE IT WAS AN APARTMENT BUILDING.** It appears VCU done in 1989 when the building was renovated to an office building. Based upon Dunbar Construction, resulting in the current unlevel floors in the corridor. It also appears that in repairs to doors and walls.

3. **SUB FLOOR BASEMENT DOWN TO THE EXISTING CONCRETE SLAB-ON-GRADE TO ALLOW JACKING ABOVE THE FIRST FLOOR.**
   - **TIGHTEN JACKS IN PLACE.** Locate shoring / jacking lines to minimize removal of existing equipment, ductwork, piping, and electrical conduit. Refer to shoring / jacking details for minimizing demolition.

4. **ERECT SHORING / JACKING LINES BEGINNING AT THE SECOND FLOOR AND PROCEEDING UPWARD TO EACH SUCCESSIVE FLOOR THROUGH THE FOURTH FLOOR.** Center of shoring / jacking posts can be offset as 550 post shores at 3'-0" on center - typical as shown.

5. **BEGIN JACKING THE SECOND FLOOR BY USE OF SCREW JACKS IN COMBINATION WITH HYDRAULIC JACKS SIMILAR TO BUCKINGHAM JACKING-SHORING POSTS AS NECESSARY TO RAISE THE STRUCTURE FROM THE SECOND FLOOR SUB FLOOR UP TO AND INCLUDING THE ROOF.** Jack cautiously and gradually to prevent unnecessary damage to 4th floor.

6. **SINCE ALL FLOOR AND ROOF LEVELS HAVE NOT SETTLED EQUALLY, THIS MAY REQUIRE SUBSEQUENT JACKING ABOVE THE SECOND FLOOR.** If a floor level is over-jacked upward and proud, this level may require cutting the top of the existing stud wall and lowering the floor level. The intention of the jacking is to raise the floor levels to within 1/2" of level.

7. **EXISTING ARCHITECTURAL FINISHES WILL BE REMOVED TO PROVIDE ACCESS FOR JACKING AND WILL BE REPLACED AFTER JACKING AND STABILIZING IS COMPLETE AND APPROVED BY ARCHITECT, ENGINEER, AND OWNER.**

8. **PROVIDE PERMANENT SUPPORT FOR EXISTING FLOOR JOISTS, INCLUDING BLOCKING AND SHIMS, AS SPECIFIED IN BASKERVILL, P.O. BOX 400, RICHMOND, VA 23218-0400.**

9. **AFTER ALL PERMANENT SUPPORT IS INSTALLED AND LEVEL STABILIZATION IS COMPLETE, REMOVE SHORING / JACKING.**

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**SHORING / JACKING LOADS**

<table>
<thead>
<tr>
<th>LOAD</th>
<th>(DL/LL) - PLF</th>
<th>(DL/LL) - PLF</th>
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<td>175/175</td>
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**TYPICAL SHORING/JACKING SECTION AT NORTH CORRIDOR**

**TYPICAL SHORING/JACKING SECTION AT SOUTH CORRIDOR**
MASONRY REPAIR NOTES

1. All masonry repairs shall be made by a masonry repair specialist with experience in similar repair work.

2. All masonry repairs shall be made to comply with the requirements of the applicable building code.

3. All masonry repairs shall be made in a manner consistent with the original masonry materials and techniques.

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Verify

Remove finishes as shown on Arch DWG prior to placing shoring/jacking.

Wood Stud Bearing wall

Remove wall finishes as shown on Arch DWG.

Continuous bottom plate as 550 post shores.

2x6 blocking flat at 3'-0" OC (typical).

Attach layers together and to 6x6 (4) Lag Screws x 2" long to 2x6 (TYPICAL).

Complete add solid wood flooring.

Shims at gaps to transfer vertical load.

Wood flooring

Wood subflooring

1'-6" maximum conduit.

Attach 6x6 or 6x8 to each 6x6 or 6x8 at 16" OC (typical) to existing wood plates.

Existing small conduit below joist.

Transfer vertical load solid wood shims tight to existing structure at each relocated top and bottom of shoring/jacking post.

2x12 blocking exist existing piping or conduit between joist (or shim solid) with (2) posts and shorter cantilever each end. Where shown on plans.

This detail is where existing piping and conduit runs parallel to bearing wall.

This detail is to show where shoring/jacking lines can be offset at floors to help minimize removal of utilities. This detail is similar at the South corridor non-bearing wall.

Notes:

1. This detail is to show where shoring/jacking lines can be offset at floors to help minimize removal of utilities. This detail shall be done after shoring/jacking is complete to lower top of shoring/jacking line.

2. This detail is to show that 6x6 or 6x8 can be erected parallel to existing joists to reduce piping and conduit interference. Shorter than 3'-0" with (2) posts and shorter cantilever each end where shown on plans.

3. This detail is similar at the South corridor non-bearing wall.

4. This detail is where existing larger piping and small ducts parallel to existing joists. Shoring/jacking lines can be offset at floors to help minimize removal of utilities. This detail is required with Detail D/S301 to provide lateral bracing to the top of the shoring/jacking line.
FIRE PROTECTION STANDPIPE RISER (EXISTING)
FIRE PROTECTION SPRINKLER SYSTEM RISER (EXISTING)
STRUCTURAL WORK AREA
FIRE RISER AND BACKFLOW LOCATION (EXISTING)

DISCONNECT FIRE SPRINKLER MAIN OUTSIDE OF AREA OF WORK AND DEACTIVATE FIRE SPRINKLER SYSTEM. REMOVE SPRINKLERS AND PIPE AS REQUIRED FOR COMPLETION OF STRUCTURAL REPAIRS.

ALL FIRE PROTECTION ITEMS OUTSIDE THE AREA OF WORK ARE EXISTING TO REMAIN (TYPICAL)

FIRE PROTECTION NOTES
1. THE FIRE PROTECTION DRAWINGS ARE DIAGRAMMATICAL IN NATURE. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING FIRE PROTECTION SYSTEM EQUIPMENT.
2. THE FIRE PROTECTION SYSTEM MUST BE HYDROSTATICALLY TESTED AT SYSTEM WORKING PRESSURE IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13 AT THE COMPLETION OF THE PROJECT. THE STATE FIRE MARSHALL'S OFFICE SHALL WITNESS THE TEST AND PROVIDE WRITTEN VERIFICATION OF ACCEPTANCE.

FIRE PROTECTION LEGEND
PENDENT SPRINKLER
UPRIGHT SPRINKLER
SIDEWALL SPRINKLER
STRUCTURAL WORK AREA
FIRE PROTECTION STANDPIPE SYSTEM (EXISTING)
FIRE PROTECTION SPRINKLER SYSTEM (EXISTING)
FIRE RISER AND BACKFLOW LOCATION (EXISTING)

FP101
01/26/2024 - WORKING DRAWINGS 4
SCHERER HALL RENOVATION
923 W FRANKLIN ST, RICHMOND, VA 23284
2.220318.0
ISSUE
PROJECT NUMBER
BASKERVILL, P.O. BOX 400, RICHMOND, VA 23218-0400
PC: 236-B2236-038
FIRE PROTECTION LEGEND

- Present Sprinkler
- Uplift Sprinkler
- General Sprinkler

FIRE PROTECTION NOTES

1. Fire Protection System Riser (Existing)
2. Fire Protection Sprinkler System (Existing)
3. Recomment Fire Sprinkler Main and Reactivate Fire Protection System
4. Disconnect Fire Sprinkler Main Outside of Area of Work

All fire protection items outside the area of work are existing to remain typical.

Structural Work Area

General Fire Protection

All fire protection items outside the area of work are existing to remain typical.

2. Fire Protection 1st Floor Demolition Plan

The fire protection systems for the renovation of Scherer Hall must be adjusted to comply with the requirements of the Virginia Fire Code and the University's Fire Protection Manual. The contractor is responsible for verifying the exact locations of existing fire protection systems and adjusting the new systems accordingly.

Fire Protection System (Existing)

Disconnect fire sprinkler main outside of area of work and disconnect fire sprinkler system. Remove sprinklers and piping as required for completion of structural repairs.

Fire Protection System (New)

Provide new listed minimum k-factor fire protection system conformance with local and national fire codes.

Fire Protection System (Acknowledged)

Acknowledged fire protection system for new work area.
FIRE PROTECTION LEGEND

- PRESENT SPRINKLER
- UPRIGHT SPRINKLER
- SIDEWALL SPRINKLER

FIRE PROTECTION NOTES

- HIGH PRESSURE SPRINKLER SYSTEM (EXISTING)
- FIRE PROTECTION SPRINKLER SYSTEM RISER (EXISTING)
- FIRE PROTECTION STANDPIPE RISER (EXISTING)

ALL FIRE PROTECTION ITEMS OUTSIDE THE AREA OF WORK ARE EXISTING TO REMAIN (TYPICAL)

DISCONNECT FIRE PROTECTION MAIN OUTSIDE THE AREA OF WORK AND DEACTIVATE FIRE PROTECTION SYSTEM EQUIPMENT. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING FIRE PROTECTION SYSTEMS AND SPRINKLER LOCATION ON WORK DRAWINGS PRIOR TO DEMOLITION.

THE FIRE PROTECTION SYSTEM IS TO MATCH EXISTING SPRINKLERS AND PIPE. SPRINKLER LOCATION AND FIRE PROTECTION SYSTEM MUST BE HYDROSTATICALLY TESTED AT CONTRACTOR'S EXPENSE PRIOR TO COMPLETION OF STRUCTURAL REPAIRS.

DISCONNECT FIRE PROTECTION MAIN OUTSIDE THE AREA OF WORK AND DEACTIVATE FIRE PROTECTION SYSTEM. REPLACE ALL DEMOLISHED SPRINKLERS AND PIPE. SPRINKLER LOCATION AND FIRE PROTECTION SYSTEM MUST BE HYDROSTATICALLY TESTED AT CONTRACTOR'S EXPENSE PRIOR TO COMPLETION OF STRUCTURAL REPAIRS.

THE FIRE PROTECTION SYSTEM MUST BE ACCURATELY TESTED AND PROVEN TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF THE CODE. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING FIRE PROTECTION SYSTEMS PRIOR TO DEMOLITION.

TELECOM STRUCTURAL WORK AREA

TELECOM RESTROOM

TELECOM STRUCTURAL WORK AREA

TELECOM RESTROOM

TELECOM STRUCTURAL WORK AREA

TELECOM RESTROOM

TELECOM STRUCTURAL WORK AREA

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TELECOM STRUCTURAL WORK AREA

TELECOM RESTROOM

TELECOM STRUCTURAL WORK AREA

TELECOM RESTROOM

TELECOM STRUCTURAL WORK AREA

TELECOM RESTROOM
1 FIRE PROTECTION 5TH FLOOR PLAN
2 FIRE PROTECTION 5TH FLOOR DEMOLITION PLAN
FP106
1/4" = 1'-0"

DEAN
DEAN'S ROOM
501B
ASSISTANT TO THE DEAN
501A

502
STAIRS
S1
ELEVATOR
E1
COORIDOR
500
CLOSET
503
OFFICE
505
OFFICE
508

BREAK ROOM
508
510
511
RELATIONS
COORD OF DEV & RELATIONS
515
COMM AND DIR OF
516
TELECOM
517
COMM AND DIR OF
518

512
RESTROOM
513

514
FIRE PROTECTION LEGEND

- PRESENT SPRINKLER
- UPRIGHT SPRINKLER
- PENDANT SPRINKLER

FIRE PROTECTION SPRINKLER SYSTEM RISER (EXISTING)
FIRE PROTECTION STANDPIPE RISER (EXISTING)

519
VERIFICATION OF ACCEPTANCE.
MARSHALL'S OFFICE SHALL WITNESS THE TEST AND PROVIDE WRITTEN
OF NFPA 13 AT THE COMPLETION OF THE PROJECT. THE STATE FIRE
SYSTEM WORKING PRESSURE IN ACCORDANCE WITH THE REQUIREMENTS
THE FIRE PROTECTION SYSTEM MUST BE HYDROSTATICALLY TESTED AT
SYSTEM EQUIPMENT.
CONTRACTOR TO VERIFY LOCATIONS OF EXISTING FIRE PROTECTION
THE FIRE PROTECTION DRAWINGS ARE DIAGRAMMATICAL IN NATURE.

SCHERER HALL
RENOSATION
2.220318.0
PC: 236-B2236-038
923 W FRANKLIN ST,
RICHMOND, VA 23284

BASKERVILL, P.O. BOX 400, RICHMOND, VA 23218-0400

FIRE PROTECTION NOTES

- DISCONNECT FIRE SPRINKLER RISER OUTSIDE AREA OF WORK AND DEMOLITION OF SPRINKLER SYSTEM. SPRINKLER LOCATIONS AND PIPE WORKING PRESSURE TO BE CONFIRMED PRIOR TO COMPLETION OF STRUCTURAL WORK.
- REMOVE SPRINKLERS AND PIPE AS REQUIRED FOR DISCONNECT FIRE SPRINKLER MAIN OUTSIDE OF AREA OF WORK.
- FIRE PROTECTION SYSTEM PIPE LAYOUT IS TO MATCH EXISTING SPRINKLERS AND PIPE. SPRINKLER LOCATION AND FIRE PROTECTION SYSTEM. REPLACE ALL DEMOLISHED FIRE PROTECTION ITEMS OUTSIDE THE AREA OF WORK ARE EXISTING TO REMAIN (TYPICAL).
- BEFORE REPAIRS VERIFICATION OF ACCEPTANCE.
- MARSHALL'S OFFICE SHALL WITNESS THE TEST AND PROVIDE WRITTEN OF NFPA 13 AT THE COMPLETION OF THE PROJECT. THE STATE FIRE SYSTEM WORKING PRESSURE IN ACCORDANCE WITH THE REQUIREMENTS THE FIRE PROTECTION SYSTEM MUST BE HYDROSTATICALLY TESTED AT SYSTEM EQUIPMENT.
- CONTRACTOR TO VERIFY LOCATIONS OF EXISTING FIRE PROTECTION. THE FIRE PROTECTION DRAWINGS ARE DIAGRAMMATICAL IN NATURE.
## Space Ventilation Schedule - 2018 VMC Table 403.3.1.1

<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Area 1</th>
<th>Area 2</th>
<th>CFM 1</th>
<th>CFM 2</th>
<th>CFM/SF 1</th>
<th>CFM/SF 2</th>
<th>Flow Rate 1</th>
<th>Flow Rate 2</th>
<th>Inlet/Outlet 1</th>
<th>Inlet/Outlet 2</th>
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</thead>
<tbody>
<tr>
<td>515</td>
<td>Office - Enclosed</td>
<td>200 ft²</td>
<td>119 ft²</td>
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<td>5 CFM</td>
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<td>201</td>
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<tr>
<td>501</td>
<td>Assistant to the Dean</td>
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<tr>
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<td>11 CFM</td>
<td>25 CFM</td>
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<td>0.00 CFM/SF</td>
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<td>10 CFM</td>
<td>30 CFM</td>
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<tr>
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<tr>
<td>103</td>
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<td>25 CFM</td>
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<tr>
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<td>Corridor/Transition</td>
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<td>18 CFM</td>
<td>25 CFM</td>
<td>18 CFM</td>
<td>25 CFM</td>
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</table>

### Mechanical Equipment Schedule - Fan Coil Unit Schedule

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<tr>
<th></th>
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<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### Mechanical Equipment Schedule - Expansion Tank

- **MECHANICAL EQUIPMENT SCHEDULE - FAN COIL UNIT SCHEDULE**
- **MECHANICAL EQUIPMENT SCHEDULE - AIR SEPARATORS**
- **MECHANICAL EQUIPMENT SCHEDULE - PUMPS**
- **MECHANICAL EQUIPMENT SCHEDULE - GRILLES, REGISTERS AND DIFFUSERS**
- **MECHANICAL EQUIPMENT SCHEDULE - FAN COIL UNIT SCHEDULE**

### AIR Balance Summary

- **MECHANICAL EQUIPMENT SCHEDULE - FIN TUBE HEATERS**
- **MECHANICAL EQUIPMENT SCHEDULE - HYDRONIC HEATING COILS**
- **MECHANICAL EQUIPMENT SCHEDULE - COOLING COILS**
- **MECHANICAL EQUIPMENT SCHEDULE - FAN MOTOR DATA**
- **MECHANICAL EQUIPMENT SCHEDULE - SPECIFICATIONS**

### Insulation Schedule

- **SPECIFICATION SECTIONS:**
  - Mechanical Equipment Schedule - Pumps
  - Mechanical Equipment Schedule - Fan Coil Unit Schedule
  - Mechanical Equipment Schedule - Expansion Tank
  - Mechanical Equipment Schedule - Grilles, Registers and Diffusers
  - Mechanical Equipment Schedule - Air Separators
When any one valve command rises to 30% open, stop calling. When all valve commands fall to less than 20% open, resume calling.

GENERAL

The hot water system is designed as a primary/secondary system with a primary hot water loop. The secondary loops are designed to supply heat to terminal units.

CHILLED SYSTEM

The chilled water system is designed as a primary/secondary system with a primary chilled water loop. The secondary loops are designed to supply chilled water to terminal units.

PIPING DETAIL

See notes

1. The chilled water system is water (no glycol).
2. Where a pressure transducer or temperature sensor is not available, such sensors shall be added at the end of the riser.
3. Connect new controls to existing automation system installed in basement control panel.
4. Existing water lines will become the primary hot water lines.
5. All motorized two position and modulating valves in the building shall be powered from DIN rails located in the basement.
6. Existing water lines will become the primary hot water lines.

EXISTING WATER SYSTEM

1. Existing boiler supplies water at 180°F and this is distributed to the radiators and existing AHU. V-2 mixes the water down to 130°F when necessary.
2. Provide all valves and piping specialties shown on this diagram. See detail sheets for additional valves and piping specialties required.
3. Repurpose (E) P-3&4 pumps to feed (E) SHWP-1&2 riser.
4. Modulating control valves larger than 1-1/2" shall be actuated ball valve type.
5. Existing water lines will become the primary hot water lines.
6. Existing air-cooled chiller.

EXISTING AIR SYSTEM

1. Provide all valves and piping specialties shown on this diagram. See detail sheets for additional valves and piping specialties required.
2. In the event of a failure of (E) P-3&4 pumps, the remaining pumps shall automatically start and act as system bypass. The system bypass mode shall be designed to minimize energy consumption and maximize comfort.
3. Repurpose (E) P-3&4 pumps to feed (E) SHWP-1&2 riser.
4. Modulating control valves larger than 1-1/2" shall be actuated ball valve type.
5. Provide all valves and piping specialties shown on this diagram. See detail sheets for additional valves and piping specialties required.
6. Existing water lines will become the primary hot water lines.

COOLING COILS

The BAS shall constantly monitor space temperature, 2-way/3-way valve position, and moisture sensor in the auxiliary drain pan. An alarm shall be sent to the BAS system when moisture sensor in the auxiliary drain pan is triggered.

HEATING/COOLING COILS

The BAS shall constantly monitor space temperature, 2-way/3-way valve position, and moisture sensor in the auxiliary drain pan. An alarm shall be sent to the BAS system when moisture sensor in the auxiliary drain pan is triggered.

MODULATING CONTROL VALVES

Larger than 1-1/2" shall be actuated ball valve type.
HOT WATER WATER SYSTEM CONTROL DIAGRAM

GENERAL:

NEW VFDS ARE ADDED TO EX. DUAL TEMPERATURE WATER PUMP #3 AND #4. THEY BECOME THE NEW SECONDARY HW PUMPS AS REFERRED BELOW.

SECONDARY HOT WATER PUMP PRIMARY/STANDBY DUTY SHALL BE ROTATED ON A WEEKLY BASIS. ROTATION ORDERS SHALL BE BASED ON EQUIPMENT RUNTIME.

WHENEVER THE PRIMARY PUMP FAILS, THE STANDBY PUMP SHALL BE ENERGIZED AUTOMATICALLY AND AN ALARM SENT TO THE BAS SYSTEM.

EX. BOILER CONTROL SEQUENCE SHALL REMAIN UNLESS NOTED BELOW.

UNDER ANY OF THE FOLLOWING CONDITIONS, CHILLED WATER SYSTEM SHALL BE ENABLED:

OUTDOOR AIR TEMPERATURE REACHES 55°F, WITH A 4°F CYCLE DIFFERENTIAL

THERE IS A CALL FOR HEATING (HW VALVE ON UNIT OPEN TO THE COIL - CALL WHEN ANY ONE VALVE COMMAND RISES TO 30% OPEN, STOP CALLING WHEN ALL VALVE COMMANDS FALL TO LESS THAN 5%.

UPON A FAILURE OF NETWORK COMMUNICATIONS THAT PREVENTS THE SHARING OF LOAD VALVE COMMANDS, AN OUTDOOR AIR TEMPERATURE ENABLE SETPOINT OF 55°F (ADJUSTABLE) WITH 4°F CYCLE DIFFERENTIAL SHALL BE USED.

DIFFERENTIAL PRESSURE SETTING SHALL BE DYNAMICALLY ADJUSTED TO MAINTAIN TWO HOT WATER CONTROL VALVES ARE OPEN GREATER THAN 90% TO THE COIL.

ONCE ENERGIZED, PUMP(S) SHALL RUN AT MINIMUM 10 MINUTES UNLESS THERE IS AN ALARM CONDITION THAT REQUIRES IMMEDIATE SHUT-DOWN. WHEN SECONDARY HOT WATER SYSTEM IS ENABLED, SECONDARY HOT WATER PUMP (PRIMARY) SHALL BE ENERGIZED AND RAMP UP TO SPEED AT A RATE OF 1 HZ/SECOND UNTIL DIFFERENTIAL PRESSURE SETTING IS MET. DIFFERENTIAL PRESSURE SETTING SHALL BE BASED ON LOWEST MEASUREMENT OF THE FOUR SENSORS.
KEYNOTE LEGEND

23.01 REMOVE Boiler Flue Duct (B VENT) TO ALLOW FOR TEMPORARY STRUCTURAL SUPPORT INSTALLATION. CONTRACTOR TO PROVIDE TEMPORARY HEAT SOURCE FOR THE BUILDING IF CONSTRUCTION OCCURS DURING HEATING SEASON.

23.02 DISCONNECT AND REMOVE CHILLED WATER PIPING WHERE INDICATED. REFERENCE FLOW DIAGRAMS ON M601.

23.16 3/4" EXISTING PIPES UP TO FAN COILS ON FLOOR ABOVE.

23.17 EXISTING PIPES TO AIR-COOLED CHILLER.

23.18 EXISTING PIPES UP IN RISER. DRAIN SYSTEM AND CUT RISER AT 1ST FLOOR AND 4TH FLOOR PRIOR TO STRUCTURAL REPAIR.

23.20 REPLACE 3-WAY VALVE.

23.21 REMOVE ALL DOMESTIC WATER PIPING FROM AND INCLUDING MAIN SHUT OFF VALVE TO POINT SHOWN ON PLANS, CAP OPENINGS. EXISTING 3/4" BRANCH PIPE TO BE TEMPORARY CAPPED.
1. EXISTING PIPING, DUCT, AND GRILLES/REGISTERS ON THIS FLOOR ARE NOT SHOWN BECAUSE IT IS ALL EXISTING TO REMAIN.

### GENERAL SHEET NOTES

- DISCONNECT AND REMOVE EXISTING FAN COIL UNIT AND ASSOCIATED APPURTENANCES.
- DISCONNECT AND REMOVE EXISTING CABINET UNIT HEATER AND ASSOCIATED APPURTENANCES.
- DISCONNECT AND REMOVE EXISTING FIN TUBE HEATER AND ASSOCIATED APPURTENANCES.

### 1ST FLOOR PIPING - DEMOLITION PLAN

1.0101 - 1ST FLOOR DEMOLITION PLAN

**KEYNOTE LEGEND**

- 23.03 DISCONNECT AND REMOVE EXISTING FAN COIL UNIT AND ASSOCIATED APPURTENANCES.
- 23.04 DISCONNECT AND REMOVE EXISTING CABINET UNIT HEATER AND ASSOCIATED APPURTENANCES.
- 23.05 DISCONNECT AND REMOVE EXISTING FIN TUBE HEATER AND ASSOCIATED APPURTENANCES.

**TEMPLATE 2021.A**

**BASKERVILL, P.O. BOX 400, RICHMOND, VA 23218-0400**

**PC: 236-B2236-038**

**1/30/2024 9:50:29 AM**

**C:\Users\pmaccormac\Documents\2.220318.0 - VCU SHR Reno - Mech R22 Lu&S_pmaccormac.rvt**
GENERAL SHEET NOTES

2. EXISTING PIPING, DUCT, AND GRILLES/REGISTERS ON THIS FLOOR ARE NOT SHOWN BECAUSE IT IS ALL EXISTING TO REMAIN.

KEYNOTE LEGEND

23.03 DISCONNECT AND REMOVE EXISTING FAN COIL UNIT AND ASSOCIATED APPURTENANCES.

23.05 DISCONNECT AND REMOVE EXISTING FIN TUBE HEATER AND ASSOCIATED APPURTENANCES.

GENERAL SHEET NOTES

01/26/2024

PROJECT NUMBER

M202

2ND FLOOR PIPING
DEMO PLAN

2ND FLOOR DEMOLITION PLAN

SCHERER HALL RENOVATION
FISHER ENGINEERING

SCALE: 1/4" = 1'-0"
EXISTING PIPING, DUCT, AND GRILLES/REGISTERS ON THIS FLOOR ARE NOT SHOWN BECAUSE IT IS ALL EXISTING TO REMAIN.

GENERAL SHEET NOTES

1. DISCONNECT AND REMOVE EXISTING FAN COIL UNIT AND ASSOCIATED APPURTENANCES.

2. DISCONNECT AND REMOVE EXISTING CABINET UNIT HEATER AND ASSOCIATED APPURTENANCES.

3. DISCONNECT AND REMOVE EXISTING FIN TUBE HEATER AND ASSOCIATED APPURTENANCES.

KEYNOTE LEGEND

1/4" = 1'-0"

N

S

W

E

232.45°

KEYNOTE LEGEND

- DISCONNECT AND REMOVE EXISTING FAN COIL UNIT AND ASSOCIATED APPURTENANCES.
- DISCONNECT AND REMOVE EXISTING CABINET UNIT HEATER AND ASSOCIATED APPURTENANCES.
- DISCONNECT AND REMOVE EXISTING FIN TUBE HEATER AND ASSOCIATED APPURTENANCES.

SCHERER HALL RENOVATION

3RD FLOOR - DEMOLITION PLAN

PROJECT NUMBER

2,220318.0

1/26/2024

M203

3RD FLOOR DEMOLITION PLAN

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232.45°

KEYNOTE LEGEND

- DISCONNECT AND REMOVE EXISTING FAN COIL UNIT AND ASSOCIATED APPURTENANCES.
- DISCONNECT AND REMOVE EXISTING CABINET UNIT HEATER AND ASSOCIATED APPURTENANCES.
- DISCONNECT AND REMOVE EXISTING FIN TUBE HEATER AND ASSOCIATED APPURTENANCES.

SCHERER HALL RENOVATION

3RD FLOOR DEMOLITION PLAN

M203

3RD FLOOR DEMOLITION PLAN

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KEYNOTE LEGEND

- DISCONNECT AND REMOVE EXISTING FAN COIL UNIT AND ASSOCIATED APPURTENANCES.
- DISCONNECT AND REMOVE EXISTING CABINET UNIT HEATER AND ASSOCIATED APPURTENANCES.
- DISCONNECT AND REMOVE EXISTING FIN TUBE HEATER AND ASSOCIATED APPURTENANCES.
23.03 DISCONNECT AND REMOVE EXISTING FAN COIL UNIT AND ASSOCIATED APPURTENANCES.

23.05 DISCONNECT AND REMOVE EXISTING FIN TUBE HEATER AND ASSOCIATED APPURTENANCES.

GENERAL SHEET NOTES

KEYNOTE LEGEND

1. EXISTING PIPING, DUCT, AND GRILLES/REGISTERS ON THIS FLOOR ARE NOT SHOWN BECAUSE IT IS ALL EXISTING TO REMAIN.
1. EXISTING DUCT AND GRILLES/REGISTERS ON THIS FLOOR ARE NOT SHOWN BECAUSE IT IS ALL EXISTING TO REMAIN.

KEYNOTE LEGEND

23.03 DISCONNECT AND REMOVE EXISTING FAN COIL UNIT AND ASSOCIATED APPURTENANCES.

23.04 DISCONNECT AND REMOVE EXISTING CABINET UNIT HEATER AND ASSOCIATED APPURTENANCES.

23.05 DISCONNECT AND REMOVE EXISTING FINTUBE HEATER AND ASSOCIATED APPURTENANCES.

GENERAL SHEET NOTES

SCHERER HALL RENOVATION

SCHERER HALL
232.45°
01/26/2024
01/26/2024
01/26/2024

5TH FLOOR PIPING - DEMOLITION PLAN

M205
KEYNOTE LEGEND

1. INSTALL NEW FAN COIL UNIT. CONNECT UNIT TO EXISTING HOT WATER AND NEW CHILLED WATER PIPING ENTERING FROM FLOOR BELOW.

2. INSTALL NEW CONVECTOR HEATER. CONNECT UNIT TO EXISTING HOT WATER PIPING.

3. NEW SUPPLY AND RETURN PIPE RISER UP. PROVIDE FIRE RATED CAULK SEALANT AROUND EACH PIPE SHAFT PENETRATION.

GENERAL SHEET NOTES

1. EXISTING PIPING ON FLOOR PLAN SERVES FAN COIL UNITS ON LEVEL ABOVE.

2. REPLACE ALL CONDENSATE INSULATION.
23.07 INSTALL NEW FAN COIL UNIT. CONNECT UNIT TO EXISTING HOT WATER AND NEW CHILLED WATER PIPING ENTERING FROM FLOOR BELOW.

23.08 INSTALL NEW CABINET UNIT HEATER. CONNECT UNIT TO EXISTING HOT WATER PIPING.

23.09 INSTALL NEW CONVECTOR HEATER. CONNECT UNIT TO EXISTING HOT WATER PIPING.

23.14 NEW SUPPLY AND RETURN PIPE RISER UP. PROVIDE FIRE RATED CAULK SEALANT AROUND EACH PIPE SHAFT PENETRATION.
23.07 INSTALL NEW FAN COIL UNIT. CONNECT UNIT TO EXISTING HOT WATER AND NEW CHILLED WATER PIPING ENTERING FROM FLOOR BELOW.

23.08 INSTALL NEW CABINET UNIT HEATER. CONNECT UNIT TO EXISTING HOT WATER PIPING.

23.09 INSTALL NEW CONVECTOR HEATER. CONNECT UNIT TO EXISTING HOT WATER PIPING.
**PANELBOARD: PP2**

<table>
<thead>
<tr>
<th>CKT</th>
<th>Circuit Description</th>
<th>Trip Type</th>
<th>Poles</th>
<th>A</th>
<th>B</th>
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**DIST. PANEL: MDP**

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**VOLTAGE DROP & FAULT CURRENT CALCULATION**

<table>
<thead>
<tr>
<th>CKT</th>
<th>Description</th>
<th>Phase</th>
<th>Conductors</th>
<th>Diameter</th>
<th>Length (ft)</th>
<th>Voltage (V)</th>
<th>DANGER</th>
<th>DO NOT EXCEED</th>
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<th>Tripping</th>
<th>Type</th>
<th>Fault Current</th>
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**EXISTING SINGLE-LINE DIAGRAM**
KEYNOTES

26.2 PROVIDE NEW 120/208V, 3PH, 4W, 100A MCB PANEL. COORDINATE EXACT LOCATION WITH OWNER IN FIELD AND MAINTAIN NEC 110.26 CLEARANCE REQUIREMENTS. INSTALL NEW FEEDER IN EXPOSED CONDUIT TIGHT TO STRUCTURE, AVOID OBSTRUCTED PATHS AND STRUCTURAL SUPPORTS.

26.3 AREA OF WORK WITH EXISTING CONDUIT IN CONFLICT WITH STRUCTURAL BRACING. DISCONNECT AND REMOVE CONDUIT ON THE BOTTOM OF JOISTS. DISCONNECT WIRE FROM PANEL AND PULL BACK TO AN ACCESSIBLE AREA. OUT OF AREA OF WORK. ONCE STRUCTURAL WORK IS COMPLETE, REPLACE CONDUIT AND RECONNECT WIRING.

26.7 PCHWP-1 & PCHWP-2: 208V, 3PH, MCA = 20.9, MOCP = 30. DISCONNECTS AND LOCATION OF DISCONNECTS PROVIDED BY MECHANICAL CONTRACTOR. MAINTAIN 36" CLEARANCE IN FRONT OF SWITCH. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

26.8 WHERE EXISTING DEVICES ARE TO BE REMOVED DUE TO STRUCTURAL BRACING, DISCONNECT AND REMOVE ASSOCIATED CONDUIT, BOXES, AND WIRE PAST AREA OF WORK. DEVICES SHALL BE RECONNECTED AFTER STRUCTURAL SCOPE HAS BEEN COMPLETED.

26.10 ALL ELECTRICAL EQUIPMENT IN THIS ROOM IS EXIST ING TO REMAIN.

26.11 PCHWP VFD. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
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**GENERAL NOTES**

1. Existing light fixtures shall be independently supported from ceiling general notes.

2. Temporary lighting where fixtures are removed. Back in place and reconnected within new gypsum ceilings. Provide temporary lighting in areas lighting circuits need to be interrupted.

3. Protect fixtures from physical damage wherever possible. Provide grid and shall remain in place during demolition. Contractor shall disconnect and remove mechanical unit; wiring and conduit to limits of construction prior to pulling wire. Ceiling to point outside area of structural work. Coordinate refer to mechanical plans for additional information.

**KEYNOTES**

- Existing wiring has capacity for new unit prior to installation.
- Feeding demolished unit in same location. Contractor to verify remaining. Refer to mechanical plans for additional information.
GENERAL NOTES
1. EXISTING LIGHT FIXTURES SHALL BE INDEPENDENTLY SUPPORTED FROM CEILING STRUCTURE. TEMPORARY LIGHTING IN AREAS LIGHTING CIRCUITS NEED TO BE INTERRUPTED. PROVIDE TEMPORARY LIGHTING WHERE FIXTURES ARE REMOVED.
2. PROTECT FIXTURES FROM PHYSICAL DAMAGE WHEREVER POSSIBLE. PROVIDE GRIDS AND SHALL REMAIN IN PLACE DURING DEMOLITION. CONTRACTOR SHALL BACK IN PLACE AND RECONNECTED WITHIN NEW GYPSUM CEILINGS. PROVIDE TEMPORARY LIGHTING WHERE FIXTURES ARE REMOVED.
3. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION. EXISTING WIRING HAS CAPACITY FOR NEW UNIT PRIOR TO INSTALLATION. FEEDING DEMOLISHED UNIT IN SAME LOCATION. CONTRACTOR TO VERIFY LIMITS OF CONSTRUCTION PRIOR TO PULLING WIRE.

KEYNOTES
1. ASSISTANT EXEC. DIRECTOR
2. DIRECTOR
3. PRINCIPAL IN CHARGE
4. ASSOCIATE
5. ASSISTANT

WORKING DRAWINGS 4
01/26/2024 - ISSUE

RENOVATION
SCHERER HALL
RICHMOND, VA 23284
923 W FRANKLIN ST, BASKERVILL, P.O. BOX 400, RICHMOND, VA 23218-0400

NEW MECHANICAL UNIT. CONNECT TO EXISTING WIRING PREVIOUSLY DISCONNECT AND REMOVE MECHANICAL UNIT; WIRING AND CONDUIT TO REMAIN. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
26.1 In this area, pull back wiring in existing horizontal conduits in ceiling to point outside area of structural work. Coordinate limits of construction prior to pulling wire.

26.5 Disconnect and remove mechanical unit; wiring and conduit to remain. Refer to mechanical plans for additional information.

26.6 New mechanical unit. Connect to existing wiring previously feeding demolished unit in same location. Contractor to verify existing wiring has capacity for new unit prior to installation. Refer to mechanical plans for additional information.

GENERAL NOTES

1. Existing light fixtures shall be independently supported from ceiling grid and shall remain in place during demolition. Contractor shall protect fixtures from physical damage wherever possible. Provide temporary lighting in areas lighting circuits need to be interrupted.