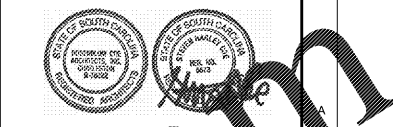




# STORM EYE INSTITUTE OPTICAL SHOP

167 ASHLEY AVE  
CHARLESTON, SC 29425

AGENCY: MEDICAL UNIVERSITY OF SOUTH CAROLINA (MUSC)  
MUSC PROJECT NO: H51-50068  
CONSTRUCTION DOCUMENT PHASE



NOTES  
1. THIS DRAWING HAS BEEN PREPARED BY ROSENBLUM COE ARCHITECTS, INC. FOR THE PROJECT AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF ROSENBLUM COE ARCHITECTS, INC.

### ARCHITECTS / ENGINEERS / CONSULTANTS:

**ARCHITECT:**  
ROSENBLUM COE ARCHITECTS, INC.  
1643 MEANS STREET  
CHARLESTON, SC 29412  
(843) 577-6073

**MEP ENGINEER:**  
RNF ENGINEERING  
154 SEVEN FARMS DR.  
SUITE G  
CHARLESTON, SC 29402

### GENERAL NOTES

A. Before beginning construction, the contractor shall take field measurements and verify existing conditions and compare results with information given in the contract documents. Report any inconsistencies to the Architect at once.  
B. "Align" as indicated on the drawings shall be understood to mean the walls or columns indicated.  
C. Work of the engineering disciplines is shown on the Architectural Drawings for coordination purposes only. Refer to appropriate discipline drawings for complete and governing information regarding their work. Incomplete, inconsistent or missing engineering information on Architectural Drawings shall not be construed as binding for that work.  
D. Do not scale drawings, use dimensions only.  
E. Dimensions are typically shown to:  
1. Column centerlines  
2. Face of unit masonry  
3. Face of unfinished walls  
F. Contractor to coordinate with all equipment vendors, including headwalls, for all locations of boxes, pipes, conduits, etc. prior to commencing work.  
G. Completely patch, trim, bush, repair, and refinish any damaged or imperfect columns, surfaces, or similar conditions affected prior to, during, or as a result of construction or demolition.  
H. Repair, patch, prime, and paint existing walls where architectural, mechanical, or electrical items have been removed. Paint wall corner to corner.  
**EXISTING TO REMAIN FIRE RATED ASSEMBLIES**  
Integrity of remaining fire rated assemblies shall be maintained during demolition and throughout construction. Any holes or other openings created by the removal of doors, frames, piping, duct conduit or any other material shall be filled patched or infilled with a UL tested system or with appropriately rated materials to prevent the passage of fire and smoke as required.  
Contractor is responsible for protecting existing fire protection at columns, beams and other existing steel or concrete.  
**GENERAL LIFE SAFETY NOTES**  
A. Contractor shall coordinate access routes, delivery, and debris removal schedule with Owner. After hour access shall also be coordinated with Owner.  
B. Not smoking shall be allowed on the premise at any time.  
C. Contractor is responsible for protecting fire and life safety devices during construction - includes smoke detectors, emergency lights, fire extinguishers, and all other devices in construction area. Maintain record of existing construction including location plan and photographs for review with completion of construction.  
D. Fire extinguishers are to be provided throughout construction area.  
E. Illuminated exit signs are to be provided throughout construction area - Relocate throughout construction process as required.  
F. Emergency lighting to be provided to allow egress during a power outage.  
G. Contractor shall secure construction site when work completes each day.  
H. Contractors shall properly chain, secure, and cap gas cylinders and limit to needed amounts.  
I. Contractor shall limit combustible load.  
J. Contractor is responsible for repairing any existing construction or finishes affected by temporary barrier construction. Limit damage to existing floor.  
K. Contractor to coordinate temporary construction barriers with as specified prior to start of construction. Contractor shall protect against dust and debris and maintain air pressure as required.  
L. Contractor to coordinate temporary construction barriers prior to start of construction.

### LIST OF DRAWINGS

T-100 TITLE SHEET  
T-101 ABBREVIATIONS, LEGEND & CONDOC

D-100 DEMOLITION FLOOR PLAN  
D-120 DEMOLITION REFLECTED CEILING PLAN  
A-101 FLOOR PLAN  
A-121 REFLECTED CEILING PLAN  
A-124 TYPICAL SEISMIC CEILING DETAILS  
A-401 INTERIOR ELEVATIONS  
A-501 DETAILS

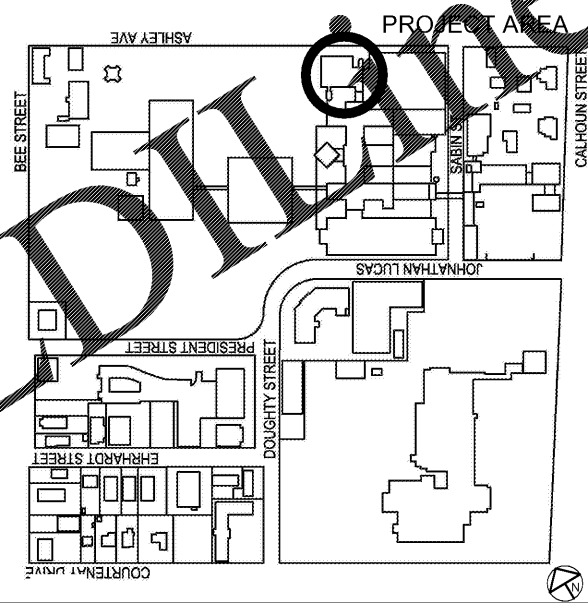
PD001 PLUMBING NOTES, SYMBOLS AND ABBREVIATIONS  
PD100 PLUMBING CRAWL SPACE DEMOLITION PLAN  
PD101 PLUMBING FIRST FLOOR DEMOLITION PLAN  
P100 PLUMBING CRAWL SPACE PLAN  
P101 PLUMBING FIRST FLOOR PLAN  
P201 PLUMBING RISER DIAGRAM  
P301 PLUMBING DETAILS

M001 MECHANICAL NOTES, SYMBOLS AND ABBREVIATIONS  
MD101 MECHANICAL DEMOLITION FIRST FLOOR PLAN  
M101 MECHANICAL FIRST FLOOR PLAN  
M201 MECHANICAL DETAILS AND CONTROLS  
M301 MECHANICAL SCHEDULES

E001 ELECTRICAL NOTES, SYMBOLS, AND ABBREVIATIONS  
ED101 ELECTRICAL DEMOLITION PLAN  
E101 ELECTRICAL POWER AND SPECIAL SYSTEMS PLAN  
E201 ELECTRICAL LIGHTING PLAN  
E601 ELECTRICAL SCHEDULES

FP001 FIRE PROTECTION NOTES, SYMBOLS AND ABBREVIATIONS  
FP101 FIRE PROTECTION FLOOR PLAN  
FP201 FIRE PROTECTION SCHEDULES  
FP301 FIRE PROTECTION FIRST FLOOR ASSEMBLIES  
FP302 FIRE PROTECTION CRAWL SPACE ASSEMBLIES

### LOCATION MAP



### APPLICABLE CODES

2015 INTERNATIONAL BUILDING CODE  
2015 INTERNATIONAL MECHANICAL CODE  
2015 NATIONAL ELECTRIC CODE  
2015 INTERNATIONAL PLUMBING CODE  
2015 INTERNATIONAL FIRE CODE  
2009 INTERNATIONAL ENERGY CONSERVATION CODE  
2015 INTERNATIONAL FUEL GAS CODE  
2015 INTERNATIONAL MECHANICAL CODE  
2015 INTERNATIONAL PLUMBING CODE  
WITH THE FOLLOWING INSERTIONS:  
1. SECTION 305.4.1, INSERT "18" AND INSERT "18"  
2. SECTION 903.1, INSERT "8"  
2014 NATIONAL ELECTRICAL CODE  
2012 NATIONAL ELECTRICAL SAFETY CODE  
NFPA 70-2014, NATIONAL ELECTRIC CODE  
NFPA 101-2012, LIFE SAFETY CODE  
ICC/ANSI-A117.1-2017 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES  
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

### SITE DEVELOPMENT:

1.1. TOTAL AREA OF PROJECT SITE (IN ACRES): N/A  
EXISTING PROPERTY AREA: N/A  
A. TOTAL AREA OF PROJECT SITE THAT WILL BE DEVELOPED: N/A  
B. MUNICIPALITY AND/OR COUNTY WHERE PROJECT IS LOCATED: CITY OF CHARLESTON  
C. JURISDICTION FOR:  
FIRE DEPARTMENT: CHARLESTON FIRE DEPARTMENT  
WATER: Charleston Water System  
SEWER: Charleston Water System  
ELECTRICITY: SCE&G  
ZONING: CITY OF CHARLESTON - LI

### 1.2. IS PROJECT IN FLOOD PLAIN: YES

FLOOD MAP INFORMATION: 455-412 PANEL: 0021D  
FLOOD ZONE: ZONE "A5" (EL 13)  
BUILDING LOWEST FLOOR ELEVATION: 12.25' MSL

### 1.3. IS PROJECT IN WETLANDS AREA: NO

### 2. OCCUPANCY CLASSIFICATIONS: BUSINESS (B)

### 3. TYPE OF NEW CONSTRUCTION:

A. CONSTRUCTION CLASSIFICATION: 1A  
B. IS THE BUILDING CONSTRUCTION PROTECTED OR UNPROTECTED: PROTECTED  
C. IS THE BUILDING CONSTRUCTION COMBUSTIBLE OR NONCOMBUSTIBLE: NONCOMBUSTIBLE  
D. IS THE BUILDING PROVIDED WITH A FIRE PROTECTION SPRINKLER SYSTEM: YES

### 4. GENERAL BUILDING DESIGN:

RENOVATION OF AN EXISTING OPTICAL CLINIC.

### 5. FLOOD LOADS:

A. LOWEST PROPOSED FLOOR: 12.25' MSL

### 6. FIRE RESISTANCE RATINGS:

STRUCTURAL MEMBERS: EXISTING 2 HR  
EXTERIOR WALLS: EXISTING 2 HR  
INTERIOR WALLS: EXISTING 0 HR  
FLOOR CONSTRUCTION: EXISTING 2 HR  
ROOF CONSTRUCTION: EXISTING 1HR

### 7. OTHER FIRE PROTECTION REQUIREMENTS:

SPRINKLER SYSTEM: YES

### 8. STRUCTURAL DESIGN INFORMATION:

A. FLOOR LIVE LOAD: N/A  
B. ROOF LIVE LOAD: N/A  
C. GROUND SNOW LOAD: N/A  
D. WIND LOADS:  
BASIC WIND SPEED, V = N/A  
WIND IMPORTANCE FACTOR, (I) = N/A  
BUILDING CATEGORY: N/A  
WIND EXPOSURE: N/A  
E. SEISMIC LOADS:  
SEISMIC IMPORTANCE FACTOR, (I) = N/A  
SEISMIC USE GROUP, (P) = N/A  
SITE CLASSIFICATION: N/A  
SPECTRAL RESPONSE COEFFICIENT, (S) = N/A  
SEISMIC DESIGN CATEGORY: N/A  
SEISMIC DESIGN FLOOR RESPONSE SPECTRUM: N/A  
DESIGN BASE SHEAR: N/A  
ANALYSIS PROCEDURE: N/A

### PLUMBING INFORMATION:

A. WATER SYSTEM: N/A PEAK GPM: N/A SERVICE LINE SIZE: N/A  
B. SANITARY WATER SYSTEM: N/A  
C. SERVICE LINE SIZE: N/A  
D. MINIMUM NUMBER OF PLUMBING FIXTURES REQUIRED:

WATER CLOSURES PROVIDED: MALE: N/A FEMALE: N/A  
LAVATORIES PROVIDED: MALE: N/A FEMALE: N/A  
OTHER SERVICE SINK PROVIDED: N/A

### ALLOWANCES

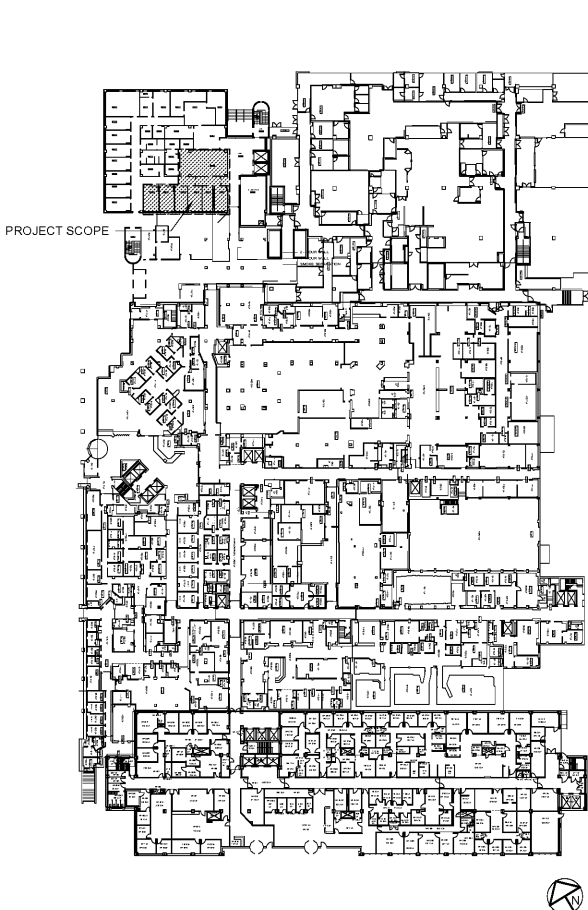
ALLOWANCE NO. 1 INCLUDE THE INDICATED SUM TO FURNISH MATERIALS AND SUPPLY LABOR TO LEVEL ENTIRE FLOOR TO FINISH FLOOR WITH CONSTRUCTION WITH HYDRAULIC CEMENT WHERE REQUIRED AFTER COMPLETION OF DEMOLITION. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

ALLOWANCE NO. 2 INCLUDE THE INDICATED SUM TO REPAIR/PATCH EXISTING FIREWALL REFER TO SPECIFICATIONS FOR MORE INFORMATION.

### AGENCY APPROVALS

1. DHEC PROJECT NUMBER 580145 - AWAITING FINAL

### SCOPE OF PROJECT AREA



MUSC  
MEDICAL UNIVERSITY  
of SOUTH CAROLINA  
PROJECT NUMBER: H51-50068  
DHEC PROJECT NUMBER: 580145  
**CONSTRUCTION DOCUMENTS**

STORM EYE INSTITUTE  
OPTICAL SHOP  
H51-50068  
167 ASHLEY AVE  
CHARLESTON, SC 29425

ROSENBLUM COE  
ARCHITECTS,  
INC.  
1643 MEANS STREET  
CHARLESTON, SC 29412  
843.577.6073

### TITLE SHEET

SHEET NAME  
PROJECT NUMBER: 17016  
DRAWN BY: RML  
CHECKED BY: KEH  
DATE: 05/09/2018  
SCALE: 1" = 50'-0"  
**T100**

