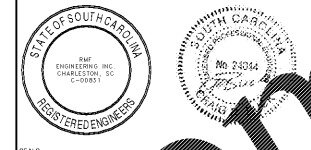


FLR Fire Sprinkler System Specification Sheet
 (per 9030-204)

Project Data			
Project name:	Storm Eye Institute Optical Shop		
Location in South Carolina:	Address: 167 Ashley Ave.	City: Charleston, 29425	State project #: H51-50068
Water Supply Information			
Date last installed:	Static pressure (psi):	Residual pressure (psi):	Flow (gpm):
No. of fire alarm pull stations relative to the base of the riser: Horizontal (ft): Vertical extension distance (ft):			
Source of water supply: <input type="checkbox"/> Fire Department <input type="checkbox"/> Standby Water Pump <input type="checkbox"/> Other: Standby Water Pump			
Fire Alarm System			
Fire alarm:	Name: Sean Dougherty	Title: Inspector	Telephone #: (843) 513-3743
Fire pump:	Use: <input type="checkbox"/> Dry <input type="checkbox"/> Wet	Rated Capacity (gpm): 750	Rated Pressure (psi): Not 145 or more
On-site storage tank:	Capacity (gals):	Rated Pressure (psi): 135	Pressure @ 150% (psi): 117
NFPA Hazard Classification			
Area #:	Class or Code Reference:	Designation of Hazard Protection:	Designation of Hazard Protection:
Design Parameters			
Area #:	System Type:	Design Pressure (psi):	Design Flow (gpm):
Area #:	System Type:	Design Pressure (psi):	Design Flow (gpm):
National Design Data: See 1-13g			
Codes and Standards			
Applicable Codes, Standards & Editions:			
Scope of work: (check applicable boxes) <input type="checkbox"/> New <input type="checkbox"/> Alter <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> Upgrade <input type="checkbox"/> Other: (specify)			
Specifier's Information			
Name:	Craig Buck, P.E.		
Engineering services provided through a firm:	Yes <input type="checkbox"/> No <input type="checkbox"/>		
Firm name:	EMSI Engineering, Inc.		
Address:	197 Seven Rivers Drive, Suite 12		
City:	Charleston		
State:	South Carolina		
Zip:	29412		
Phone #:	843-973-9694	Fax #:	843-973-9663
E-mail:	emsi@emsi.com		

FIRE PROTECTION GENERAL NOTES

- THE SPRINKLER CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS, INCLUDING ALL REFLECTED CEILING PLANS PRIOR TO PREPARING THE BID.
- ALL LOW POINTS OF THE SPRINKLER SYSTEM SHALL BE PROVIDED WITH DRAINS PER NFPA-13 CURRENTLY ADOPTED REVISION. LOW POINT DRAINS SHALL BE CLEARLY MARKED AND PIPED TO THE EXTERIOR OF THE BUILDING. A VALVE DRAWING SHALL BE PROVIDED IN MECHANICAL ROOM SHOWING THE LOCATIONS OF ALL LOW POINT DRAINS.
- ALL SPRINKLER HEAD TEMPERATURE RATINGS SHALL BE ORDINARY (165°F) UNLESS OTHERWISE INDICATED. ALL SPRINKLERS INSTALLED IN GYPSUM, PLASTER AND WOOD CEILINGS SHALL BE CONCEALED TYPE. ALL SPRINKLERS IN ACoustICAL CEILING TILE SHALL BE SEMI-RECESSED TYPE.
- ALL PIPE PENETRATIONS THROUGH MASONRY WALLS SHALL BE PROVIDED WITH THE MINIMUM CLEARANCE REQUIREMENTS FOR SEMI-C PROTECTION AS DEFINED BY NFPA-13. ALL PIPING LESS THAN FOUR (4) INCHES SHALL HAVE A PIPE SLEEVE A NOMINAL DIAMETER 2 IN. LARGER THAN THE NOMINAL DIAMETER OF THE PIPE. ALL PIPING FOUR (4) INCHES AND LARGER SHALL HAVE A PIPE SLEEVE A NOMINAL DIAMETER 4 IN. LARGER THAN THE NOMINAL DIAMETER OF THE PIPE.
- FIRE GASKS AND SLEEVES ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES. REFER TO LIFE SAFETY PLANS FOR RATED ASSEMBLY LOCATIONS.
- PROVIDE TEMPORARY PIPING AS REQUIRED SO AREAS OUTSIDE THE AREAS OF WORK CAN CONTINUE TO BE SERVED FROM THE FIRE PROTECTION SYSTEM.
- EXISTING DRAWINGS WITH SIZES ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL NOT WARRANT TO BE CORRECT. CONTRACTOR SHALL VERIFY ALL SIZES IN THE FIELD.
- SEE ARCHITECTURAL DRAWINGS FOR PHASING PLAN.



SEALS
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NOTES

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

FIRE PROTECTION NOTES, SYMBOLS AND ABBREVIATIONS

SHEET NAME:	
PROJECT NUMBER:	17016
DRAWN BY:	TSN
CHECKED BY:	CRB
DATE:	05/09/2018
SCALE:	

FP001

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