

FLR Fire Sprinkler System Specification Sheet
 (per 909-30-204)

Project Data			
Project name: Storm Eye Institute Optical Shop	Address: 167 Ashley Ave.	City: Charleston, 29425	State project #: H51-50068
Location in South Carolina:	City: Charleston, 29425	County: Charleston	State project #: H51-50068
Water Supply Information			
Date last installed: 03/23/2017	Static pressure (psi):	Residual pressure (psi):	Flow (gpm):
Locations of test gauges relative to the base of the riser: Horizontal (ft): ** Vertical extension distance (ft): **			
Source of water supply: <input type="checkbox"/> Municipal <input type="checkbox"/> Other: Gravity Tank Pump			
Type data by name: Name: Scan Daugherty Title: Inspector Telephone #: (843) 513-3743			
Fire pump: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Rated Capacity (gpm): 750	Rated Pressure (psi): Not 145 or more	
On-site storage tank: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Rated Pressure (psi): 135	Pressure @ 150% flow (psi): 117.5	
NFPA Hazard Classification			
Area #: 1	Class or Code Reference:	Designation of Hazard Protection:	Designation of Hazard Protection:
Design Parameters			
Area #: 1	System Type:	Designation of Hazard Protection:	Designation of Hazard Protection:
Area #: 1	Area: -	Area: -	Area: -
National Design Data: See 1-13g			
Codes and Standards			
Applicable Codes, Standards & Editions:			
Scope of work (last revision):			
Specify's Information			
Name: Craig Buck, P.E.	Address: 197 Seven Rivers Drive, Suite 121	City: Charleston	State: South Carolina Zip: 29412
Phone #: 843-973-9604	Fax #: 843-973-9643	E-mail: ecraig@flr.com	

FIRE PROTECTION GENERAL NOTES

1. THE SPRINKLER CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS, INCLUDING ALL REFLECTED CEILING PLANS PRIOR TO PREPARING THE BID.
2. 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.
3. 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.
4. 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.
5. FIRE GASKS AND SLEEVES ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES. REFER TO LIFE SAFETY PLANS FOR RATED ASSEMBLY LOCATIONS.
6. PROVIDE TEMPORARY PIPING AS REQUIRED SO AREAS OUTSIDE THE AREAS OF WORK CAN CONTINUE TO BE SERVED FROM THE FIRE PROTECTION SYSTEM.
7. 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.
8. SEE ARCHITECTURAL DRAWINGS FOR PHASING PLAN.



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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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