

SEALS  
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NOTES

GENERAL NOTES  
 1. AS-BUILT FIRE PROTECTION SYSTEM DRAWINGS ARE PROVIDED FOR CONTRACTORS REFERENCE ONLY TO ASSIST WITH DESIGN FLOW RATE CALCULATIONS AS REQUIRED BY NFPA-13 (2013) 8.15.20.2.1.

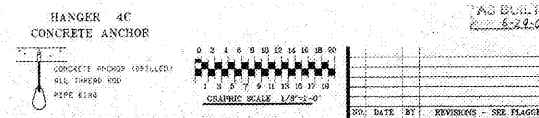
**MUSC**  
 MEDICAL UNIVERSITY  
 of SOUTH CAROLINA  
 PROJECT NUMBER: H51-50068  
 DHEC PROJECT NUMBER: 580145

**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

GENERAL NOTES  
 1. NET PIPE SYSTEM HYDRAULICALLY DESIGNED FOR 1.0 GPM/50 FT. RIM HOSE SUPPLY WITH SPRINKLER HEAD SPACING 20 FT. MAX. WITH INSIDE-DIAPHRAGM HOSE ALLOWANCE 100 GPM.  
 2. ALL MAINS 1/2" AND LARGER SCH. 40, THIN WALL PIPING WITH WELDED OUTLETS, GROUNDED COUPLINGS AND FITTINGS. ALL 1/2" AND SMALLER 1/2" STEEL WITH EXIST. IRON STRENGTHENED COUPLINGS AND FITTINGS.  
 3. ALL HANGERS ARE 402-1.1 1/2" I.D.  
 4. EFF. CL. IDENTIFIED FROM FINISHED FLOOR UP TO CENTERLINE OF PIPE. EL. + ELEVATION TAKEN FROM FINISHED FLOOR UP TO BOTTOM OF DECK. + = FROM BOTTOM OF DECK TO CENTERLINE OF PIPE LONG. - = FROM TOP OF DECK TO CENTERLINE OF PIPE LONG.  
 5. ALL DROPS DP 1/2" IS 1/2" X 1/2" REDUCER 1/2" I.D.  
 6. ALL RETURN BENDS ARE 90° X 1/2" X 1/2" W/90 DEGR. BELL.  
 7. ALL PIPE PITCHED PER NFPA 13 SUBJECT 8-18.3 (B) 1999.  
 8. SMALL ROOM RULE WAS USED IN ACCORDANCE WITH NFPA 13 (1999 EDITION) SECTION 1-4.2.  
 9. SPRINKLER HEADS ARE LOCATED IN CENTER OF RECTANGULAR TILE CEILINGS LONG.



**IMPORTANT**  
 In accordance with the contract conditions, it is the user's responsibility to provide the user's drawings on any specific building project and to ensure that the user's drawings are in compliance with all applicable codes and regulations. The user's drawings are the user's responsibility and the user's drawings are not to be used for any other project without the user's written permission. The user's drawings are not to be used for any other project without the user's written permission. The user's drawings are not to be used for any other project without the user's written permission.

CONTRACT RESPONSIBILITIES	
PROJECT OWNER	STORM EYE INSTITUTE
ARCHITECT	ROSENBLUM COE ARCHITECTS, INC.
ENGINEER	GRINNELL FIRE PROTECTION SYSTEMS COMPANY
CONTRACTOR	TO BE DETERMINED

SYMBOLS	
1/2" Schedule 40 Steel Pipe	1/2" Schedule 40 Steel Pipe
1/2" Schedule 40 Steel Pipe	1/2" Schedule 40 Steel Pipe
1/2" Schedule 40 Steel Pipe	1/2" Schedule 40 Steel Pipe
1/2" Schedule 40 Steel Pipe	1/2" Schedule 40 Steel Pipe

SPRINKLERS	
TYPE	MODEL
1/2"	1/2"
1/2"	1/2"
1/2"	1/2"

ABBREVIATIONS	
1/2"	1/2"
1/2"	1/2"
1/2"	1/2"
1/2"	1/2"

**GRINNELL FIRE PROTECTION SYSTEMS COMPANY**

CONTRACT NAME: MEDICAL UNIV. OF SC OPTICAL SHOP CHARLESTON

SCALE: 5/8"=1'-0"

DATE: 05/09/2018

PROJECT NUMBER: 17016

DRAWN BY: TSN

CHECKED BY: MER

DATE: 05/09/2018

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

**FIRE PROTECTION CRAWL SPACE AS-BUILTS**

SHEET NUMBER	17016
DRAWN BY	TSN
CHECKED BY	MER
DATE	05/09/2018
SCALE	1/8"=1'-0"

**FP302**