GENERAL NOTES FOR CONTRACTORS: SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTION CONTROL WORK LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF

EQUIVALENCY SUBSTITUTIONS: THE "BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS" ARE TO BE FOLLOWED FOR ALL MATERIALS, EQUIPMENT, ASSEMBLIES AND SYSTEMS SPECIFIED AND DETAILED THROUGHOUT ALL DRAWINGS AND SPECIFICATION SECTIONS, WHETHER THE BOD DESIGNATE IS SPECIFICALLY REFERENCED THEREIN OR NOT. SEE THE GENERAL DRAWINGS SECTION FOR THE SPECIFIC BOD COMPLIANCE REQUIREMENTS AND PROTOCOLS TO BE FOLLOWED.

THIS SECTION AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED HEREIN.

- THIS CONTRACTOR SHALL REVIEW ENTIRE SET OF CONTRACT DOCUMENTS: INCLUDING BUT NOT NECESSARILY LIMITED TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, ELECTRICAL DRAWIINGS AND ENTIRE PROJECT MANUAL. THIS CONTRACTOR SHALL ACKNOWLEDGE AND INCLUDE IN THE SCOPE OF WORK (CONTRACT) ALL CONDITIONS PERTINENT TO THE COMPLETION OF THEIR WORK. THE CONTRACTOR SHALL FULLY COORDINATE THEIR WORK WITH THE INSTALLATION OF THEIR WORK WITH THE INSTALLATION OF WORK BY OTHER TRADES AND MAKE NECESSARY FIELD ADJUSTMENTS AS REQUIRED TO ACCOMMODATE THE INSTALLATION. ALL OF THE ABOVE SHALL BE INCLUDED IN THE SCOPE OF WORK AT NO ADDITIONAL CHARGE TO THE VA/GOVERNMENT.
- THIS CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK AND FULLY INFORM THEMSELVES AS TO ALL CONDITIONS AND MATTERS THAT CAN, IN ANY WAY, AFFECT THE WORK OR THE COST THEREOF. SHOULD THIS CONTRACTOR FIND DISCREPANCIES IN. OR OMISSIONS FROM THE DRAWINGS. SPECIFICATIONS OR OTHER DOCUMENTS, OR BE IN DOUBT AS TO THEIR MEANING, NOTIFY THE VA/CO AT ONCE, IN WRITING, OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND NEW WORK, OR BETWEEN THEIR WORK AND THE WORK OF OTHER TRADES AND OBTAIN CLARIFICATION PRIOR TO SUBMITTING ANY BID. LACK OF SUCH NOTIFICATION SHALL BE CONSTRUED AS TO INDICATE NO DISCREPANCIES OR CONFLICTING CONDITIONS EXIST.
- THE DRAWINGS INDICATE DIAGRAMMATICALLY THE INTENT, GENERAL CHARACTER, REQUIREMENTS AND LOCATION OF THE WORK SHOWN AND INCLUDED. THE WORK INDICATED BUT HAVING MINOR DETAILS OBVIOUSLY OMITTED SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE VA/GOVERNMENT.
- THIS CONTRACTOR IS REQUIRED TO BID, AS SPECIFIED, ON THE DRAWINGS WITHOUT DEVIATION FROM THE BOD.
- IT IS THE INTENT OF THESE DOCUMENTS THAT THE FIRE PROTECTION CONTRACTOR PROVIDE ALL LABOR, MATERIAL, EQUIPMENT AND TOOLS FOR THE COMPLETE INSTALLATION OF ALL WORK SHOWN ON THE PLANS AND/OR DESCRIBED HEREIN, INCLUDING ALL DEVICES. CONTROLS AND APPURTENANCES REQUIRED TO SET NEW AND MODIFIED SYSTEMS INTO OPERATION.
- SHOULD CONDITIONS NECESSITATE ANY REARRANGEMENTS. OR IF PIPING CAN BE RUN TO BETTER ADVANTAGE, PREPARE AND SUBMIT SHOP DRAWINGS SHOWING THE CHANGES BEFORE PROCEEDING WITH THE WORK. IF SUCH CHANGES ARE APPROVED BY THE VA/COR AND SUCCESSFULLY REVIEWED BY THE A/E. THEY SHALL BECOME A PART OF THE CONTRACT.
- THIS CONTRACTOR SHALL VERIFY ALL MOUNTING, ALL ARRANGEMENTS, HEIGHTS AND LOCATIONS PRIOR TO ROUGH-IN. ANY MENTION OF A SPECIFIC MOUNTING ARRANGEMENT, WEIGHT OR LOCATION SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO VERIFY THE SPECIFIC REQUIREMENT FURNISHED OR THE OTHER TRADES WORKING IN THE SAME AREA. NO ADDITIONS TO THE CONTRACT SUM WILL BE PERMITTED FOR ITEMS INSTALLED IN WRONG LOCATIONS, IN CONFLICT WITH OTHER WORK, ETC.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL CURRENT FEDERAL BUILDING CODES, REGULATIONS, AND REQUIREMENTS, LOCAL UTILITY COMPANY REQUIREMENTS, NFPA, IPC. AND ASHRAE STANDARDS. ALL COMPONENTS SHALL BE ULLISTED AND FM APPROVED.
- THIS CONTRACTOR SHALL PAY ALL PERMIT FEES, PLAN REVIEW FEES, LICENSE FEES. INSPECTIONS, AND TAXES APPLICABLE TO THEIR DIVISION AND SHALL BE INCLUDED IN THE BASE BID AS PART OF THEIR CONTRACT.
- 10. THIS CONTRACTOR SHALL BE LICENSED, BONDED, INSURED AND CAPABLE OF PERFORMING QUALITY WORKMANSHIP. THIS CONTRACTOR GUARANTEES ALL OF HIS WORK AND MATERIALS FOR THE PERIOD OF ONE YEAR, FROM FINAL ACCEPTANCE BY THE VA/GOVERNMENT.
- THIS CONTRACTOR SHALL ESTABLISH SAFE WORKING PROCEDURES FOR THE PROTECTION OF THE WORKMEN IN ALL PHASES OF WORK, COMPLYING WITH ALL APPLICABLE PROVISIONS OF CITY, STATE, AND FEDERAL SAFETY LAWS (OSHA) AND AS RECOMMENDED IN THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" AS ISSUED BY THE ASSOCIATION OF GENERAL CONTRACTORS OF AMERICA, IN., 20TH AND E. STREETS, N.W. WASHINGTON, D.C.
- 12. THIS CONTRACTOR IS RESPONSIBLE FOR SCHEDULING THE PURCHASE. DELIVERY. RECEIVING. UNLOADING, UNCRATING, STORING, SETTING IN PLACE, AND PROTECTING ALL NEW EQUIPMENT FURNISHED BY THIS CONTRACTOR AND EQUIPMENT FURNISHED BY VA/GOVERNMENT FROM DAMAGE BY VANDALISM AND WEATHER DURING CONSTRUCTION.
- 13. THIS CONTRACTOR SHALL PROVIDE A COMPETENT OPERATING TECHNICIAN TO INSTRUCT THE VA/GOVERNMENT IN THE OPERATION AND MAINTENANCE OF THE NEW EQUIPMENT.
- UPON COMPLETION OF THE WORK, THIS CONTRACTOR SHALL REVIEW AND CHECK THE ENTIRE PORTION OF WORK, CLEAN EQUIPMENT AND DEVICES. REMOVE SURPLUS MATERIALS AND RUBBISH FROM THE PROPERTY AND LEAVE THE WORK IN NEAT AND CLEAN ORDER AND IN COMPLETE WORKING CONDITION. EACH RESPECTIVE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY CARTONS, DEBRIS, EQUIPMENT, ETC., INSTALLED BY THIS CONTRACTOR INCLUDING EQUIPMENT FURNISHED BY OTHERS AND UNPACKED OR REMOVED FROM CARTONS BY THIS CONTRACTOR.
- THIS CONTRACTOR SHALL FURNISH AND INSTALL ALL STRUCTURAL STEEL MEMBERS, SLEEVES, AND SHIMS REQUIRED TO LEVEL AND SUPPORT EQUIPMENT AND PIPES.
- BEFORE PLACING WATER SYSTEM IN OPERATION, CHLORINATE ENTIRE SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS AND IN CONJUNCTION WITH ALL LOCAL, STATE AND FEDERAL PLUMBING CODES, SUPPLY CERTIFICATE.
- EXISTING SERVICE VALVES AT ALL BRANCH SUPPLY PIPING SHALL REMAIN AS IS. SUCH SERVICE VALVES SHALL BE AS PER THE SPECIFICATIONS AND/OR IN KEEPING WITH THE FACILITY STANDARDS.
- THE FIRE PROTECTION SYSTEM SHALL BE A HYDRAULICALLY DESIGNED WET PIPE SYSTEMS. DESIGNED AND INSTALLED BY THE SPRINKLER CONTRACTOR IN ACCORDANCE WITH NFPA 13. THE SPRINKLER SYSTEM SHALL BE COMPLETE AND SHALL INCLUDE ALL PIPING, FITTINGS, VALVES, SPRINKLER HEADS, HANGERS, AND SUPPORT, ALARMS AS WELL AS MISCELLANEOUS MATERIAL ITEMS NECESSARY FOR SATISFACTORY OPERATION OF THE SYSTEM.
- SPRINKLER HEADS SHALL BE LOCATED IN CEILING GRID IN A SYMMETRICAL PATTERN, COORDINATED WITH OTHER DEVICES MOUNTED IN OR ON THE CEILING. PROVIDE ADDITIONAL SPRINKLER HEADS REQUIRED TO ACHIEVE SYMMETRY. LOCATE SPRINKLER HEADS IN THE CENTER OF CEILING TILES.
- SPRINKLER CONTRACTOR SHALL PROVIDE A COORDINATED REFLECTED CEILING PLAN AS PART OF THE SUBMITTAL TO THE VA/COR SHOWING SPRINKLER HEAD LOCATIONS COORDINATED WITH CEILING AND ALL OBJECTS MOUNTED IN OR ON THE CEILING

100% CONSTRUCTION DOCUMENTS SUBMISSION

95% CONSTRUCTION DOCUMENTS SUBMISSION

60% DESIGN DEVELOPMENT SUBMISSION

30% SCHEMATIC DESIGN SUBMISSION

Revisions

VA FORM 08-6231

FIRE PROTECTION GENERAL NOTES

- 21. THE SPRINKLER CONTRACTOR SHALL BE A LICENSED, AUTHORIZED INSTALLER OF COMMERCIAL SPRINKLER SYSTEM AND SHALL HAVE HAD A MINIMUM OF THREE (3) YEARS OF EXPERIENCE IN THE INSTALLATION OF FIRE PROTECTION SPRINKLER SYSTEMS.
- 22. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE DESIGN AND ENGINEERING OF THE SPRINKLER SYSTEM. THE SPRINKLER SYSTEM SHALL BE: A DESIGNED SYSTEM IN ACCORDANCE WITH NFPA 13, 2019 AND SPECIFICATION
 - B. DESIGNED TO CONFORM WITH BUILDING STRUCTURAL, MECHANICAL, AND ELECTRICAL
 - ACCEPTABLE TO THE FIRE MARSHAL AND OR ALL LOCAL AUTHORITIES HAVING

JURISDICTION.

SYSTEM, AS INDICATED AND DESCRIBED ON THE CONTRACT DOCUMENTS.

- 23. THE SPECIFICATIONS, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE AUTHORITIES HAVING JURISDICTION, FULLY COORDINATED SHOP DRAWINGS, CAPACITY DATA, HYDRAULIC CALCULATIONS AND CATALOG CUTS OF PIPE, FITTINGS, SPRINKLER HEADS, HANGERS, SUPPORTS, VALVES, SPRINKLER, AND PIPING LAYOUT. DESIGN PLAN AND CALCULATIONS SHALL BE PREPARED AND SIGNED/SEALED BY A REGISTERED FIRE PROTECTION ENGINEER IN ACCORDANCE WITH UCF REQUIREMENT OR BY A NICET LEVEL III/IV TECHNICIAN.
- 24. THE SPRINKLER SYSTEM SHALL BE INSPECTED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL FIRE PROTECTION CODE, AND ALL LOCAL AUTHORITIES HAVING JURISDICTION.
- 25. THE CONTRACTOR SHALL ARRANGE FOR INSPECTION AND TESTING OF ANY OR ALL PARTS OF THE WORK AS REQUIRED BY AUTHORITIES HAVING JURISDICTION AND PAY ALL CHARGES FOR
- 26. ALL SIZES AND CRITERIA ARE MINIMUM REQUIREMENT. ALL EQUIPMENT, PIPES, ETC. SHALL BE SIZED BY THE SPRINKLER CONTRACTOR.
- 27. ARCHITECT / ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING ACCURATE FLOW TEST DATA OR PERFORMING AN UPDATED FLOW TEST AS PER NFPA 13 AND NFPA 25.
- 28. SPRINKLER DRAINS SHALL DISCHARGE TO THE EXTERIOR OF THE BUILDING, IN A LOCATION THAT WILL NOT BE A NUISANCE OR CREATE A WET WALKING SURFACE.
- 29. AREA SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENT FOR OCCUPANCY PER
- 30. THE AUTOMATIC WET FIRE SPRINKLER SYSTEM SHALL BE INSTALLED IN SUCH A MANNER TO PREVENT THE SYSTEM PIPING OR SPRINKLER HEAD EXPOSURE TO TEMPERATURES LESS THAN 40 DEGREES F.
- 31. PAINT NEW SPRINKLER PIPING RED AND LABEL PER NFPA 13.
- 32. ALL FIRE PROTECTION VALVES SHALL BE SUPERVISED.
- 33. CONTRACTOR SHALL PROVIDE COORDINATED PIPE SLEEVE DRAWINGS SHOWING ALL PENETRATIONS THROUGH FLOORS.
- 34. INSTALLER QUALIFICATIONS: CONTRACTOR'S RESPONSIBILITY SHALL INCLUDE DESIGNING. FABRICATING AND INSTALLING FIRE-SUPPRESSION SYSTEMS AND PROVIDING PROFESSIONAL ENGINEERING SERVICES NEEDED TO ASSUME ENGINEERING RESPONSIBILITY. CALCULATIONS BASED ON RESULTS OF FIRE-HYDRANT FLOW TEST.
 - ENGINEERING RESPONSIBILITY: PREPARATION OF WORKING PLANS, CALCULATIONS, AND FIELD TEST REPORTS BY A QUALIFIED PROFESSIONAL ENGINEER OR NICET LEVEL III/IV
- WELDING: QUALIFY PROCESSES AND OPERATORS ACCORDING TO ASME BOILER AND PRESSURE VESSEL CODE, SECTION IX.
- 36. NFPA STANDARDS: FIRE SUPPRESSION SYSTEM EQUIPMENT, SPECIALTIES, ACCESSORIES, INSTALLATION AND TESTING SHALL COMPLY WITH THE FOLLOWING:

INSTALLATION OF SPRINKLER SYSTEMS. NFPA 13, 2019 NFPA 230, 2003 FIRE PROTECTION OF STORAGE. NFPA 101, 2018 LIFE SAFETY CODE. NFPA 72, 2019 FIRE ALARM CODE.

- 37. FIRE-SUPPRESSION SPRINKLER SYSTEM DESIGN SHALL BE APPROVED BY AUTHORITIES HAVING JURISDICTION.
 - MARGIN OF SAFETY FOR AVAILABLE WATER FLOW AND PRESSURE: 10 PERCENT, INCLUDING LOSSES THROUGH WATER-SERVICE PIPING, VALVES, AND BACKFLOW PREVENTERS.
- 38. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE VA/COR A COMPLETE LIST OF ITEMS TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT. INCLUDING, BUT NOT BE LIMITED TO THE FOLLOWING: A. DIMENSIONED SHOP DRAWINGS OF MATERIALS. FIXTURES AND EQUIPMENT.
- DIMENSIONED SHOP DRAWINGS OF EQUIPMENT AND PIPING PLAN LAYOUT(S). 39. REQUIRED ITEMS TO BE SUBMITTED SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
 - A. PRODUCT DATA. APPROVED SPRINKLER PIPING DRAWINGS: WORKING PLANS, PREPARED ACCORDING TO NFPA, AND HAVE BEEN APPROVED BY AUTHORITIES HAVING JURISDICTION, INCLUDING
 - C. FIELD QUALITY-CONTROL TEST REPORTS.

HYDRAULIC CALCULATIONS.

- D. FIELD TEST CERTIFICATES.
- OPERATION AND MAINTENANCE DATA.
- EQUIPMENT MANUALS.
- G. VALVE TAGS.

CONSULTANT

07/23/2021

02/12/2021

09/11/2020

05/24/2020

Date:

- 40. SPRINKLER SHALL BE THE APPROPRIATE TEMPERATURE RATING FOR LOCATION AND OCCUPANCY IN ACCORDANCE WITH NFPA 13.
- 41. SPRINKLER SHALL ALIGN WITH LIGHT FIXTURES AND OTHER CEILING MOUNTED DEVICES. COORDINATE SPRINKLER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS (RCP), AND PROVIDE ADDITIONAL SPRINKLERS WHERE REQUIRED TO ACCOMODATE THE RCP LAYOUTS.
- 42. PROVIDE HIGH TEMPERATURE RATED SPINKLER HEADS IN VACINITY OF KITCHEN HOODS.

PROVIDE DRY PIPE AUTOMATIC SPRINKLER HEADS FOR WALK-IN REFRIGERATORS AND

PROVIDE WITH LISTED SPRINKLER GUARD FOR INSTALLATION BELOW 7-FT AFF.

FIRE PROTECTION GENERAL NOTES

- 44. FLEXIBLE CONNECTORS FLEXIBLE CONNECTORS SHALL HAVE MATERIALS SUITABLE FOR SYSTEM FLUID. INCLUDE 175 PSIG MINIMUM WORKING-PRESSURE RATING AND ENDS ACCORDING TO THE FOLLOWING:
 - NPS 2 AND SMALLER: THREADED. NPS 2-1/2 AND LARGER: GROOVED FOR USE WITH GROOVED-END PIPE COUPLING.
- STAINLESS STEEL HOSE/STEEL PIPE, FLEXIBLE CONNECTORS: CORRUGATED, STAINLESS STEEL, INNER TUBING COVERED WITH STAINLESS-STEEL WIRE BRAID. INCLUDE STEEL NIPPLES OR FLANGES, WELDED TO HOSE.
- C. STAINLESS STEEL HOSE/STAINLESS STEEL PIPE, FLEXIBLE CONNECTORS: CORRUGATED STAINLESS STEEL. INNER TUBING COVERED WITH STAINLESS STEEL WIRE BRAID.
- D. ALL CONNECTIONS AND FLEXIBLE HOSES SHALL BE FM APPROVED.

INTERIM LIFE SAFETY MEASURES - ILSM

INCLUDE STAINLESS STEEL NIPPLES OR FLANGES. WELDED TO HOSE.

- CONTRACTOR WITH VA SUPERVISION WILL DRAIN THE FIRE PROTECTION ZONE FOR THE PROJECT AREA/SPACE.
- CONTRACTOR TO THEN WORK ON FIRE PROTECTION PIPING AS INDICATED.
- 3. CONTRCTOR WITH VA SUPERVISION WILL THEN REFILL THE FIRE PROTECTION SYSTEM WITH WATER.
- 4. CONTRACTOR SHALL INSPECT ALL TEMPORARY CAPS AT SPRINKLER HEAD LOCATIONS FOR ANY WATER FLOW.
- 5. AT COMPLETION PHASE OF WORK THE CONTRACTOR WITH VA SUPERVISION WILL DRAIN THE FIRE PROTECTION SYSTEM.
- ONCE THE FIRE PROTECTION SYSTEM IS DRAINED, CONTRACTOR SHALL FURNISH AND INSTALL FINAL BRANCH PIPING TO FIRE PROTECTION MAIN LINES. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY SMOKE DETECTORS AT ALL PROJECT ROOMS AND SPACES DURING CONSTRUCTION PHASE OF WORK, FURNISH AND INSTALL TEMPORARY CONDUITS, WIRING AND DEVICES AND CONNECT TO EXISTING FIRE ALARM CONTROL PANEL. CONTRACTOR SHALL CONSULT WITH VA FIRE ALARM CONTROL COMPANY AND PERFORM A CERTIFICATION TESTING THAT TEMPORARY DEVICES ARE IN OPERATION AND SUBMIT WRITTEN REPORT. AT PROJECT COMPLETION PHASE CONTRACTOR SHALL REMOVE TEMPORARY HEAT DETECTORS AND RESPECTIVE FIRE ALARM WIRING AND CONDUITS.
- 7. CONTRACTOR IS REQUIRED TO INSTALL UPRIGHT HEADS WHERE CEILING IS REMOVED OR PROVIDE HOURLY FIRE WATCH.
- 8. WHEN SPRINKLER SYSTEM IS DRAINED. PROVIDE FIRE WATCH OR TEMPORARY HEAT DETECTOR

FIRE PROTECTION DELEGATED - DESIGN NOTE

THE FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING AND PROVIDING A COMPLETE, FUNCTIONAL, AND CODE COMPLIANT AUTOMATIC SPRINKLER SYSTEM. REFER TO GENERAL NOTES FOR ADDITIONAL DETAIL CONCERNING DESIGN, FLOW PRESSURE TEST, HYDRAULIC CALCULATIONS PER NFPA 13, 14, TO BE SUBMITTED, COORDINATION, AND SHOP DRAWINGS REQUIREMENTS.

FIRE PROTECTION SPRINKLER SCHEDULE

SP-1: QUICK RESPONSE SPRINKLER WITH SMALL THERMOSENSITIVE GLASS BULB, MIN. PRESSURE 7 PSI. UL LISTED. WHITE FINISH, K=5.6, 165°F, SEMI-RECESS, ADJUSTABLE ESCUTCHEON.

PROVIDE HIGH TEMPERATURE RATED SPRINKLERS IN VESTIBULES. PROVIDED WITH LISTED SPRINKLER GUARD FOR INSTALLATION BELOW 7-FT AFF.

FIRE PROTECTION SPRINKLER SCHEDULE

	SYMBOL	TYPE	RE.	K-F	FINISH	REMARKS
E	*	SEMI-RECESSED DRY PENDENT	QR	5.6		NOTE 1
G:	•	SEMI-RECESSED PENDENT	QR	5.6	WHITE	NOTE 2
-O	0	UPRIGHT	QR	5.6	BRASS	NOTE 2
ì		SIDEWALL	QR	5.6	WHITE	NOTE 2
		DRY SIDEWALL	QR	5.6	WHITE	NOTE 2

GENERAL NOTES:

- SPRINKLER SHALL BE THE APPROPRIATE TEMPERATURE RATING FOR LOCATION AND OCCUPANCY IN ACCORDANCE WITH NFPA 13.
- SPRINKLER SHALL ALIGN WITH LIGHT FIXTURES AND OTHER CEILING MOUNTED DEVICES. COORDINATE SPRINKLER LOCATIONS WITH ARCHITECT'S REFLECTED CEILING PLAN, AND PROVIDE ADDITIONAL SPRINKLERS WHERE REQUIRED TO MAINTAIN THE CEILING LAYOUT OF ALL DISCIPLINES, FIXTURES, EQUIPMENT AND WORK.

STAMP

NOTES:

PROVIDE HIGH TEMPERATURE RATED SPRINKLERS IN VESTIBULES PROVIDED WITH LISTED SPRINKLER GUARD FOR INSTALLATION BELOW 7-FT AFF.

FIRE PROTECTION DESIGN CRITERIA

HAZARD	AREA	DESIGN CRITERIA	HOSE (GPM)	MAX SPACING	DESIGN BASIS	REMARKS
LIGHT HAZARD GROUP 1	OFFICE AREAS / PUBLIC AREA / CORRIDORS / RESTROOMS / LOBBY / CONFERENCE ROOMS / BREAK ROOM	0.10/1500 SQFT	100	225 SQFT	NFPA 13 SECTIONS 4.3.2, 19.3.3.2 & TABLE 19.3.3.1.2	NOTES 1, 2, AND 3
ORDINARY HAZARD GROUP 1	ELECTRICAL / MECHANICAL / SERVER / IT SERVER	0.15/1500 SQFT	250	130 SQFT	NFPA 13 SECTIONS 4.3.3, 19.3.3.2 & TABLE 19.3.3.1.2	NOTES 1, 2, AND 3
ORDINARY HAZARD GROUP 2	COMMERCIAL KITCHENS / STORAGE	0.2/1500 SQFT	250	130 SQFT	NFPA 13 SECTIONS 4.3.4, 19.3.3.2 & TABLE 19.3.3.1.2	NOTES 1, 2, AND 3

- HYDRAULIC AREA OF OPERATION SHALL BE INCREASED (CUMULATIVELY) WITHOUT REVISING THE DENSITY FOR THE FOLLOWING APPLICATIONS: INCREASED BY 30% FOR AREAS WITH SLOPED CEILINGS WITH A PITCH EXCEEDING 1 IN 6 (16.7%) SLOPE IN ACCORDANCE WITH NFPA 13
- INCREASED TO 3,000 SQFT IF THE BUILDING HAS ADJACENT, NON-SPRINKLERED COMBUSTIBLE SPACES. THE ABOVE CRITERIA NOTED DOES NOT PRECLUDE THE USE OF EXTENDED COVERAGE OR LISTED SPECIAL APPLICATION SPRINKLERS THAT ARE
- DESIGNED AND INSTALLED IN ACCORDANCE WITH THEIR LISTING AND MANUFACTURER REQUIREMENTS. THE HOSE STREAM ALLOWANCE SHALL BE PROVIDED AT THE BASE OF RISER.

FIRE PROTECTION ABBREVIATION LIST

SYMBOL	DESCRIPTION				
AFF	ABOVE FINISH FLOOR				
AHJ	AUTHORITY HAVING JURISDICTION				
DP	DRY PENDENT				
DN	DOWN				
DS	DATA SHEET				
EC	EXTENDED COVERAGE				
EX	EXISTING				
FHV	FIRE HOSE VALVE				
FM	FACTORY MUTUAL				
FP	FIRE PROTECTION				
FPC	FIRE PROTECTION CONTRACTOR				
FT	FEET				
GC	GENERAL CONTRACTOR				
HT	HIGH TEMPERATURE				
IN	INCH				
K-F	SPRINKLER K-FACTOR				
NIC	NOT IN CONTRACT				
PC	PLUMBING CONTRACTOR				
QR / QRS	QUICK RESPONSE				
SPR	SPRINKLER RESPONSE				
SR	STANDARD RESPONSE				
SS	STANDPIPE SYSTEM				
SSP	STANDARD PENDENT SPRINKLER				
SSU	STANDARD UPRIGHT SPRINKLER				
STND	STANDARD				
THR	THREADED				

HYDRANT FLOW PRESSURE TEST

HYDRANT NO.	LOCATION	DATE TESTED	STATIC PRESSURE	RESIDUAL PRESSURE	GPM
8	SW #5 BLDG 500	10 / 2017	50	24	750

VA CONTRACT NO: 36C24519C0171

Project Title Drawing Title
FIRE PROTECTION - GENERAL NOTES, SYMBOLS, **Project Number** 613-19-103 100% CONSTRUCTION RENOVATE/UPGRADE NUTRITION & AND ABBREVIATIONS **Building Number DOCUMENTS** FOOD SERVICE KITCHEN 500 **Approved: Project Director Drawing Number** Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405

Management

Office of

Construction

and Facilities

U.S. Department of Veterans Affair

BANCROFT ARCHITECTS + ENGINEERS

700 Nicholas Blvd. Suite 300

Elk Grove Village, IL 60007

www.bancroft-ae.com

T:847.952.9362 F:847.952.9403

ARCHITECT/ENGINEER OF RECORD

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FULLY SPRINKLERED

Issue Date 07/23/21 JPK

Checked

FX001





















