

DESIGNER	EXCISOR
PROJECT MANAGER	KAB
DLL	
DRAWING NO.	2022359.19

USPS - OLYMPIA, WA - SDC  
 717 76TH AVENUE SW  
 TUMWATER, WA 98501



Facilities, 4301 Wilson Blvd., Suite 300, Arlington, VA 22203-1861

**FP-101**  
 Scale: NTS  
 Project: USPS - OLYMPIA, WA - SDC  
 USPS File Number: 546148-030

FIRE PROTECTION PLAN

Revisions: 100% OWNER REVIEW  
 Date: 09.06.2023

**FIRE PROTECTION NOTES**

- THE COMPLETE FIRE PROTECTION SPRINKLER INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ALL STATE, LOCAL AND NATIONAL CODES. ALL APPLICABLE SECTIONS OF THE NATIONAL FIRE PROTECTION ASSOCIATION AND DIVISION 13 SPECIAL CONSTRUCTION. NOTE: THE MOST STRINGENT SPECIFICATION REQUIREMENTS APPLY.
- PROVIDE COVERAGE PER NFPA 13 REQUIREMENTS.
- PROVIDE AND INSTALL DESIGN-BUILD SYSTEM TO MEET CODE REQUIREMENTS. PREPARE HYDRAULIC CALCULATIONS AND DESIGN DRAWINGS. OBTAIN ALL PERMITS, INSPECTIONS AND APPROVALS.
- PROVIDE FIRE STOPPING AT WALL PENETRATIONS, IF REQUIRED. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS.
- PROVIDE AND INSTALL CONCEALED SPRINKLER TYPES WITH WHITE FINISH IN ALL AREAS WITH FINISHED CEILING AND UPRIGHT SPRINKLER HEADS FOR AREAS WITHOUT CEILING.
- REFER TO REFLECTED CEILING PLANS, MECHANICAL PLANS AND EXISTING CONDITIONS FOR COORDINATION AND PLACEMENT OF SPRINKLER HEADS AND PIPING. LIGHTING WILL HAVE HIGHEST PRIORITY.
- SPRINKLER HEADS THAT ARE LOCATED IN THE ACOUSTICAL PANELS OF THE CEILING GRID SHALL BE IN THE CENTER OF THE PANEL. THE EXACT LOCATION OF THE SPRINKLER HEADS SHALL BE DETERMINED AFTER CEILING GRID IS INSTALLED. DO NOT USE THE CEILING GRID PLANS TO DETERMINE THE LOCATION OF THE SPRINKLER HEADS.
- HYDRANT TEST DATA TO BE DETERMINED BY FIRE PROTECTION CONTRACTOR. REFER TO 'SUPPRESSION FLOW & PRESSURE DATA' NOTE ON THIS SHEET FOR ADDITIONAL INFORMATION.
- ALL ELECTRICAL CIRCUITS REQUIRED FOR EACH FIRE DETECTION SYSTEM: WATER FLOW ALARM AND VALVE SUPERVISION WIRING SHALL BE CHECKED BY THE FIRE PROTECTION CONTRACTOR TO ENSURE PROPER OPERATION. SPRINKLER SUPERVISORY DEVICES WILL BE COMPATIBLE WITH THE ALARM EQUIPMENT PANEL. COORDINATE WITH FIRE ALARM CONTRACTOR.
- THE GENERAL NOTES LISTED HERE APPLY TO ALL DEMOLITION DRAWINGS IN ADDITION TO ANY ADDITIONAL DEMOLITION DRAWING NOTES ON THE INDIVIDUAL DEMOLITION DRAWINGS.
- IT IS RECOGNIZED THAT DRAWINGS MAY BE PLOTTED AT DIFFERENT SCALES. SUCH THAT PLOTTED DRAWINGS MAY VARY FROM ACTUAL OR INTENDED DIMENSIONS. THEREFORE, DRAWINGS ARE DIAGRAMMATIC AND ARE NOT TO BE SCALED. GPD TAKES NO RESPONSIBILITY FOR ERRORS REGARDING DISCREPANCIES FROM THE ORIGINAL DRAWINGS DRAWN AT THE PROPER SCALE AND THOSE DRAWINGS THAT HAVE BEEN PLOTTED.
- IF DURING CONSTRUCTION OPERATIONS, THE FIRE PROTECTION CONTRACTOR ENCOUNTERS UTILITIES OTHER THAN THOSE LOCATIONS SHOWN IN THE PLANS, HE SHALL IMMEDIATELY NOTIFY THE ENGINEER AND TAKE THE NECESSARY STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE.
- THIS CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS.
- ANY DISRUPTION OF ANY EXISTING SERVICE THAT SERVES THE BUILDING SHALL BE COORDINATED WITH THE OWNER PRIOR TO DISRUPTION. WORK ASSOCIATED WITH THIS SERVICE SHALL BE PERFORMED AT A TIME REQUESTED BY OWNER WHICH COULD BE PERFORMED OFF STANDARD WORKING HOURS AT NO ADDITIONAL COST TO OWNER FOR TIME OF WORK. COST TO BE INCLUDED UNDER BASE BID FOR PROJECT.
- ALL CONTRACTORS SHALL COORDINATE THEIR WORK WITH OTHER CONTRACTORS AND WITH THE OWNER. THIS INCLUDES ALL SHUTDOWNS AND DRAINING REQUIRED. FIRE PROTECTION SYSTEM SHUTDOWNS ARE ONLY TO OCCUR BETWEEN THE HOURS OF 8AM AND 5PM. THE SYSTEM SHALL BE OPERATIONAL AGAIN AFTER 5PM. THIS CONTRACTOR TO COORDINATE FIRE PROTECTION SYSTEM SHUTDOWNS WITH THE OWNER AT LEAST 24 HOURS PRIOR TO THE BEGINNING OF THE SHUTDOWN.

**PLAN KEYNOTES**

- CONTRACTOR TO EXTEND EXISTING FIRE SUPPRESSION SYSTEM SERVING BUILDING INTO NEW VESTIBULE TO PROVIDE COVERAGE PER OCCUPANCY HAZARD CATEGORY AS SHOWN.

**SPECIFICATIONS NOTE**

ALL EQUIPMENT, MATERIALS AND INSTALLATION PRACTICES TO MEET THE REQUIREMENTS WITHIN THE SPECIFICATIONS OF THIS PROJECT

**NOTE TO FIRE SUPPRESSION CONTRACTOR**

- IT IS THE SUPPRESSION CONTRACTOR'S RESPONSIBILITY TO CONTRACT/COORDINATE THE INTERFACE BETWEEN THE EXISTING FIRE ALARM CONTROL PANEL AND FIRE SPRINKLER TO MONITOR FOR WATER FLOW ALARM.
- IT IS THE SUPPRESSION CONTRACTOR'S RESPONSIBILITY TO CONTRACT/COORDINATE THE INTERFACE BETWEEN THE FIRE ALARM CONTROL PANEL AND THE SORTER MACHINE SHUNT TRIP BREAKER (SDUS MACHINE). THE CABLING HAS BEEN WILL BE PROVIDED BETWEEN THE FACP AND SDUS SHUNT-TRIP BREAKER AS PART OF THE SDUS SCOPE OF WORK. HOWEVER, THE REQUIRED RELAYS, POWER SUPPLY, TERMINATIONS, AND TESTING AT THE FACP TO TRIGGER DURING WATER FLOW ALARM WILL NEED TO BE INCLUDED IN YOUR SCOPE OF WORK.

**SEISMIC NOTE**

THIS PROJECT IS LOCATED IN A SEISMIC REGION. CONTRACTOR TO PROVIDE AND INSTALL THE APPROPRIATE SEISMIC RESTRAINTS AND CURBS AS REQUIRED PER CODE. ALL SEISMIC RESTRAINTS SHALL BE RATED AND APPROVED FOR THE SEISMIC DESIGN CATEGORY RATING FOR THE SITE AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS IN ORDER TO MAINTAIN RATING.

**FIRE SYMBOL LEGEND**

SYMBOL	DESCRIPTION
	WET PIPE SPRINKLER SYSTEM LIGHT HAZARD, CONCEALED HEADS.
	WET PIPE SPRINKLER SYSTEM LIGHT HAZARD, UPRIGHT HEADS.
	WET PIPE SPRINKLER SYSTEM ORDINARY HAZARD GROUP 1 UPRIGHT HEADS.

**1 FIRE PROTECTION - OVERALL PLAN**  
 3/32" = 1'-0"

