DOB/FDNY SPRINKLER SYSTEM ALTERATION NOTES:

1. PROVIDE COMPLIANCE WITH THE OUT-OF-SERVICE SPRINKLER SYSTEM REQUIREMENTS AS SET FORTH IN FIRE CODE SECTION 901.7 & 2604.1.8, AS REQUIRED BY SECTION 1 OF TECHNICAL BULLETIN 2017-009.

2. IF THE ALTERATION WORK INVOLVES TAKING THE SPRINKLER SYSTEM OUT OF SERVICE, INCLUDING ANY REMOVAL OF THE SPRINKLER SYSTEM, THE OWNER MUST COMPLY WITH THE FIRE CODE OUT-OF-SERVICE REQUIREMENTS UNTIL THE TEMPORARY CORE SPRINKLER PROTECTION (TCSP) SYSTEM AS DESCRIBED IN SECTION 1 PARTS I, III & IV OR THE TEMPORARY PROTECTION AS DESCRIBED IN SECTION 1 PART II OF TECHNICAL BULLETIN 2017-009 IS INSTALLED AND OPERATIONAL.

   2.1. NOTIFICATION TO FDNY: THE OWNER SHALL MAKE NOTIFICATION TO THE FDNY PRIOR TO TAKING THE SPRINKLER SYSTEM OUT OF SERVICE, AND THEN AGAIN WHEN THE SYSTEM IS RESTORED TO SERVICE, WHEN REQUIRED BY FIRE CODE SECTION 901.7.5.2. NOTIFICATION TO FDNY SHALL BE MADE BY TELEPHONING THE NON-EMERGENCY FIRE DEPARTMENT NUMBER FOR THE BOROUGH IN WHICH THE OUT-OF-SERVICE SPRINKLER SYSTEM IS LOCATED.

   2.2. NOTIFICATION TO BUILDING OCCUPANTS: THE OWNER SHALL NOTIFY BUILDING OCCUPANTS AND OTHER AFFECTED PARTIES AS SET FORTH IN FIRE CODE SECTION 901.7.3.

   2.3. FIRE WATCH: THE OWNER SHALL MAINTAIN A FIRE WATCH AS REQUIRED BY FIRE CODE SECTION 901.7 DURING THE TIME THAT THE SYSTEM IS OUT OF SERVICE.

   2.4. HOT WORK RESTRICTIONS: HOT WORK SHALL BE RESTRICTED IN AREAS AFFECTED BY THE OUT-OF-SERVICE SYSTEM AS SET FORTH IN FIRE CODE SECTION 2604.1.8.

3. WHEN THE SCOPE OF WORK INVOLVES MORE THAN FIVE CONTIGUOUS FLOORS, A LETTER OF NO OBJECTION (LNO) SHALL BE OBTAINED FROM THE FDNY, AS REQUIRED BY SECTION 1 OF TECHNICAL BULLETIN 2017-009.

DOB/FDNY STANDPIPE SYSTEM ALTERATION NOTES:

1. PROVIDE COMPLIANCE WITH THE OUT-OF-SERVICE STANDPIPE SYSTEM REQUIREMENTS AS SET FORTH IN FIRE CODE SECTION 901.7, INCLUDING 901.7.7, AS REQUIRED BY SECTION 2 OF TECHNICAL BULLETIN 2017-009.

2. IF THE ALTERATION WORK INVOLVES TAKING THE STANDPIPE SYSTEM OUT OF SERVICE FOR ANY LENGTH OF TIME, THE OWNER MUST COMPLY WITH THE FIRE CODE OUT-OF-SERVICE REQUIREMENTS.

   2.1. NOTIFICATION TO FDNY; THE OWNER SHALL MAKE NOTIFICATION TO THE FDNY PRIOR TO TAKING THE STANDPIPE SYSTEM OUT OF SERVICE AND AGAIN WHEN THE SYSTEM IS RESTORED TO SERVICE. NOTIFICATION TO THE FDNY SHALL BE MADE BY TELEPHONING THE NON-EMERGENCY FIRE DEPARTMENT NUMBER IN THE RESPECTIVE BOROUGH, AS REQUIRED BY SECTION 2 PART II OF TECHNICAL BULLETIN 2017-009.

   2.2. NOTIFICATION TO BUILDING OCCUPANTS: THE OWNER SHALL NOTIFY BUILDING OCCUPANTS AND OTHER AFFECTED PARTIES AS SET FORTH IN FIRE CODE SECTION 901.7.3.

   2.3. FIRE WATCH: THE OWNER SHALL MAINTAIN A FIRE WATCH DURING THE TIME THAT THE SYSTEM IS OUT OF SERVICE AS SET FORTH IN FIRE CODE SECTION 901.7 AND 901.7.7(3).

   2.4. HOT WORK RESTRICTIONS: HOT WORK SHALL BE PROHIBITED ON THE CONSTRUCTION SITE DURING THE TIME THAT THE SYSTEM IS OUT OF SERVICE AS SET FORTH IN FIRE CODE SECTION 901.7.7(4.3).

3. WHEN IT IS ANTICIPATED THAT THE SCOPE OF WORK WILL REQUIRE THE STANDPIPE SYSTEM TO BE TAKEN OUT OF SERVICE FOR MORE THAN 24 HOURS, A LETTER OF NO OBJECTION (LNO) SHALL BE OBTAINED FROM THE FDNY, AS REQUIRED BY SECTION 2 PART III OF TECHNICAL BULLETIN 2017-009.

NEW YORK CITY BUILDING DEPARTMENT STANDPIPE NOTES

2014 - NYC BUILDING CODE

1. THE COMPLETE STANDPIPE SYSTEM SHALL BE IN FULL COMPLIANCE WITH THE REQUIREMENTS OF THE NEW YORK CITY BUILDING CODE SECTION BC905 AND APPENDIX Q, NFPA 14-2007 AS MODIFIED BY APPENDIX Q OF THE NEW YORK CITY BUILDING CODE AND NEW YORK CITY FIRE CODE.
2. STANDPIPE COMPONENTS SHALL BE SHALL BE OF AN APPROVED TYPE IN ACCORDANCE WITH CHAPTER 9, SECTION BC 905 AND APPENDIX Q, SECTION BC Q105, CHAPTER 4.
3. THE MAXIMUM PRESSURE AT ANY POINT IN THE SYSTEM AT ANY TIME SHALL NOT EXCEED 350 PSI PER APPENDIX Q, SECTION BC Q105, CHAPTER 7.2.
4. ONLY NEW PIPING SHALL BE USED IN THE STANDPIPE SYSTEM.
5. ANY PART OF THE STANDPIPE SUBJECT TO FREEZING SHALL COMPLY WITH APPENDIX Q, SECTION BC Q105, CHAPTER 6.1.2.3.
6. SIAMESE CONNECTIONS SHALL BE PROVIDED WITH PAINTED CAPS IN ACCORDANCE WITH APPENDIX Q, SECTION BC Q105, CHAPTER 4.8.2.1.
7. SIAMESE CONNECTIONS SHALL BE DESIGNED, CONSTRUCTED, AND LOCATED IN ACCORDANCE WITH APPENDIX Q, SECTION BC Q105, CHAPTER 4.8.2.2.
8. SIAMESE MARKINGS SHALL BE IN ACCORDANCE WITH APPENDIX Q, SECTION BC Q105, CHAPTER 6.4.5.2.
9. SIAMESE CONNECTIONS SHALL BE LOCATED 18 IN. TO 36 IN. ABOVE THE ADJOINING GROUND, SIDEWALK OR GRADE SURFACE IN ACCORDANCE WITH APPENDIX Q, SECTION BC Q105, CHAPTER 6.4.6.
10. HOSE OUTLETS SHALL BE PROVIDED ON EACH FLOOR AND LOCATED IN ACCORDANCE WITH CHAPTER 9, SECTION BC 905.3.
11. THE HOSE VALVE OUTLET FOR THE ENTRANCE FLOOR SHALL BE LOCATED ON THE RISER SIDE OF THE RISER CONTROL VALVE.
12. PIPING IN STANDPIPE SYSTEMS SHALL BE ADEQUATELY SUPPORTED BY CLAMPS, HANGERS, OR OTHER APPROVED SUPPORTING DEVICES, AS PER APPENDIX Q, SECTION BC Q105, CHAPTER 6.5.
13. PIPING FOR THE STANDPIPE SYSTEM SHALL BE ACCORDANCE WITH APPENDIX Q, SECTION BC Q105, CHAPTER 4.
14. PIPING FOR BURIED STANDPIPE SERVICE SHALL BE IN ACCORDANCE WITH APPENDIX Q, SECTION BC Q105, CHAPTER 4.2.2.
15. PRESSURE RATINGS AND THE NAME OF THE MANUFACTURER SHALL BE CAST IN OR ON EACH VALVE USED IN THE SYSTEM.
16. AT THE TOP OF THE HIGHEST STANDPIPE RISER, ABOVE THE MAIN ROOF LEVEL, THERE SHALL BE A THREE WAY MANIFOLD WITH THREE (3) 2-1/2 IN. HOSE VALVES WITH HOSE VALVE CAPS IN ACCORDANCE WITH APPENDIX Q, SECTION BC Q105, CHAPTER 7.3.2.2.
17. PRESSURE RATINGS SHALL BE CAST IN OR ON THE FITTINGS (SEE APPENDIX Q, SECTION BC Q105, TABLE 4.3.1 FOR REQUIRED RATINGS).
18. FITTINGS USED IN STANDPIPE SYSTEMS SHALL BE IN ACCORDANCE WITH APPENDIX Q, SECTION BC Q105, CHAPTER 4.3.
19. FITTINGS USED IN STANDPIPE SYSTEMS THAT ARE OF WELDED CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPENDIX Q, SECTION BC Q105, TABLES 4.2.1 AND 4.3.1.
20. APPROVED MECHANICAL JOINT FITTINGS MAY BE USED IN THE STANDPIPE SYSTEM IN CONJUNCTION WITH COUPLINGS DESIGNED FOR USE WITH THE FITTINGS.
21. VALVES AND RELATED PRODUCTS SHALL BE IN ACCORDANCE WITH APPENDIX Q, SECTION BC Q105, CHAPTER 4.5.
22. RISER CONTROL VALVES SHALL BE LOCATED IN THE STAIR ENCLOSURE AT THE ENTRANCE FLOOR PER APPENDIX Q, SECTION BC Q105, CHAPTER 6.3.2.
23. THE RISER CONTROL VALVE SHALL BE CONSPICUOUSLY MARKED WITH A METAL TAG AT LEAST TWO (2) INCHES IN DIAMETER SECURELY ATTACHED TO THE VALVE, PER APPENDIX BC Q105, CHAPTER 6.3.2(6).
24. CHECK VALVES SHALL BE IN ACCORDANCE WITH APPENDIX Q, SECTION BC Q105, CHAPTER 6.3.1.1.
25. STANDPIPE SIGNAL SYSTEMS SHALL BE AS PER CHAPTER 9, BC 907, CHAPTER 907.2.12.3.
26. INSPECTIONS OF STANDPIPE SYSTEMS SHALL COMPLY WITH APPENDIX Q, SECTION BC Q105, CHAPTER 11.
27. ELEVATORS SHALL BE AVAILABLE FOR FIRE DEPARTMENT USE AS PER CHAPTER 30, BC 3001, SECTIONS 3003.2 AND 3003.3.
28. AUTOMATIC FIRE PUMP INSTALLATION SHALL COMPLY WITH APPENDIX Q, SECTION BC Q105, CHAPTERS 9.1.2 AND 9.1.5.
29. STANDPIPE SYSTEMS REQUIRED FOR CONSTRUCTION, ALTERATION AND DEMOLITION SHALL BE PROVIDED IN ACCORDANCE WITH CHAPTER 33, BC 3003, SECTION 3303.8.

SPECIAL INSPECTIONS

2014 - NYC BUILDING CODE

THE OWNER SHALL ENGAGE THE SERVICES OF A SPECIAL INSPECTION AGENCY TO PROVIDE THE REQUIRED SPECIAL INSPECTIONS AND TESTS, UNDER THE DIRECTION OF THE OWNER.

THE CONTRACTOR MUST NOTIFY THE SPECIAL INSPECTION AGENCY AT LEAST 72 HOURS BEFORE THEY ARE READY FOR INSPECTIONS TO BE PERFORMED.

SPECIAL INSPECTIONS AND PROGRESS INSPECTIONS ARE REQUIRED IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE BUILDING CODE ARE LISTED IN THE FOLLOWING TABLES.

SPECIAL INSPECTION ITEMS:	CODE SECTION:
SPRAYED FIRE-RESISTANT MATERIALS	BC 1704.11
SPRINKLER SYSTEMS	BC 1704.23
STANDPIPE SYSTEMS	BC 1704.24
FIRE RESISTANT PENETRATIONS AND JOINTS	BC 1704.27
SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE	
SEISMIC ISOLATION SYSTEM	BC 1707.8
PROGRESS INSPECTION ITEMS:	CODE SECTION:
FINAL INSPECTION	DIRECTIVE 14 - BY ARCHITECT.

A. UPON COMPLETION OF THE FIRE PROTECTION SYSTEM SCOPE OF WORK:

   1) A TEST SHALL BE CONDUCTED IN THE PRESENCE OF A SPECIAL INSPECTION AGENCY. THE TESTS SHALL SHOW COMPLIANCE WITH THE CODE REQUIREMENTS PER SECTIONS BC 901.5, BC 903.5, BC 904.1 AND BC 905.1 BEFORE THE SYSTEM IS APPROVED.

SEISMIC NOTES

A. THE BUILDING IS LOCATED IN SEISMIC ZONE (FILL IN ZONE HERE) AND HAS AN OCCUPANCY IMPORTANCE

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No.	Description	Date
1	ISSUED FOR BID	11/03/23

SPRING VALLEY VILLAGE

SPRING VALLEY POLICE LOCKER UPGRADES

DRAWING TITLE
SPRINKLER NOTES

DRAWING NO.
SP-001.00

SEAL & SIGNATURE

ISSUE DATE: 9-27-23
SCALE: NTS
DWG BY: DWN
CHK BY: CHECK

JOB NUMBER
23025-00