



DOVER, DELAWARE 19901

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FP100

DETAIL - BLDG. WATER SERVICE
NOT TO SCALE

1. THE FIRE PROTECTION WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, THE DESIGN, INSTALLATION AND TESTING OF A NEW AUTOMATIC SPRINKLER SYSTEM FOR THE PROTECTION OF THE NEW MILFORD POLICE STATION BUILDING AND MAINTENANCE BUILDING. COORDINATE INSTALLATION AND TESTING SCHEDULE WITH OWNER AND DESIGNER THROUGHOUT THE PROJECT.
2. THE SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13, NFPA 20, NFPA 72. THIS DRAWING, THE NFPA SPECIFICATION SPECIFICATIONS, DELAWARE STATE FIRE PREVENTION REGULATIONS, ORDINANCES AND STATE AND FEDERAL CODES SHALL BE THE BASIS OF THE DESIGN AND INSTALLATION TO THE STATE OF DELAWARE (OWNER) A COMPLETE, FULLY OPERATIONAL AND FULLY COMPLIANT AUTOMATIC SPRINKLER SYSTEM.
3. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS, CALCULATIONS AND EQUIPMENT DATA SHEETS TO DEED LLC AND A/E/UP FOR APPROVAL PRIOR TO STARTING ANY INSTALLATION WORK.
4. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE BUILDING, BUILDING OCCUPANTS AND BUILDING EQUIPMENT DURING ALL INSTALLATION AND TESTING WORK.
5. CONTRACTOR SHALL COMPLY WITH ALL CITY, STATE AND FEDERAL PERMITS, SHOP DRAWINGS AND SHALL ISSUE FINAL AS-BUILT DOCUMENTATION TO OWNER AT COMPLETION OF THE PROJECT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND APPROVALS AND BE RESPONSIBLE FOR PAYMENT OF ALL SUCH PERMITS AND APPROVALS. TESTING FOR SPRINKLER SYSTEM AND UNDERGROUND PIPING, ALL PERMIT AND APPROVAL FEES SHALL BE INCLUDED IN THE BID PRICES. ALL VALVES INSTALLED ON THE NEW SPRINKLER SYSTEMS SHALL BE TAGGED IN ACCORDANCE WITH NFPA 13. ALL TAGGINGS SHALL BE EASILY VISIBLE AND SHALL INDICATE THE SYSTEM AND/OR THE PORTION OF THE BUILDING OR SYSTEMS WHERE THE TAGGINGS ARE LOCATED. ALL TAGGINGS SHALL BE MAINTAINED AND NOT REMOVED OR RELOCATED WITHOUT THE OWNER'S WRITTEN PERMISSION.
7. SPRINKLER SYSTEMS THAT HAVE MORE THAN ONE CONTROL VALVE THAT MUST BE CLOSED TO WORK ON A SYSTEM OR SPACE, SHALL HAVE A SIGN REFERRING TO EXISTENCE AND LOCATION OF OTHER OCCUPANCY CLASSIFICATION SYSTEMS. THESE SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THE OCCUPANCY CLASSIFICATION TAGS LISTED IN NFPA 13 AND IN ACCORDANCE WITH THE FIRE SUPPRESSION BID SPECIFICATIONS. CONTRACTOR SHALL VERIFY THE OCCUPANCY HAZARD FOR EACH AREA DURING DESIGN AND CONSTRUCTION. CONTRACTOR SHALL COORDINATE THE DESIGN AND INSTALLATION OF ALL SYSTEM PIPING EQUIPMENT, INCLUDING SPRINKLER HEAD LOCATIONS WITH ALL EXISTING ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL FEATURES OF THE BUILDING.
8. SPRINKLER SYSTEMS SHALL BE FIELD VERIFIED PER PLANS FOR ACCURACY AND CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD LAYOUT AND COORDINATION FOR ALL DESIGN AND SHOP DRAWINGS.
9. INSTALL QUICK RESPONSE SPRINKLERS WHERE LISTED FOR OCCUPANCY HAZARD. ALL SPRINKLERS SHALL BE UTILIZED IN ACCORDANCE WITH THEIR LISTINGS. TEMPERATURE RATINGS SHALL BE IN ACCORDANCE WITH LISTED RATING CONDITION.
10. ALL SPRINKLER PIPING AND FITTINGS SHALL BE INSTALLED SO THAT THE SYSTEM CAN BE DRAINED AND FLUSHED IN ACCORDANCE WITH NFPA 13. TRAPPED PIPING SHALL BE DRAINED IN ACCORDANCE WITH NFPA 13.
11. SPRINKLER AND SUPPLY PIPING SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 13. HANGER MATERIALS AND METHODS SHALL BE UL LISTED AND APPROVED. ALL SPRINKLER SYSTEM PIPING SHALL BE SECURED TO THE BUILDING STRUCTURE USING THE GUIDELINES AS OUTLINED IN NFPA 13.
12. UNDERGROUND PIPING AS SHOWN ON THE PLANS FOR THE POLICE STATION, CONTRACTOR SHALL COORDINATE WITH THE UTILITY DEPARTMENT FOR THE LOCATION OF EXISTING UTILITIES AND EXISTING CITY WATER MAIN. ALL UNDERGROUND PIPING SHALL BE INSTALLED AND SECURED IN ACCORDANCE WITH NFPA 13, NFPA 24 AND THE CITY OF DOVER PUBLIC UTILITIES DEPARTMENT.
13. ALL CONNECTIONS OF FIRE RATED WALL OR ASSEMBLIES SHALL BE FIRE STOPPED TO THE REQUIRED FIRE RATING BY THE SPRINKLER CONTRACTOR.
14. FINAL LOCATION OF THE FIRE DEPARTMENT CONNECTION SHALL BE COORDINATED WITH THE A/HU. SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 13.
15. NO SPRINKLER DRAINS SHALL BE LOCATED IN THE HOLDING AREAS AND EVIDENCE AREAS.