



Pêches et Océans
Canada

Fisheries and Oceans
Canada

SPECIFICATIONS

Steveston Gulf Building 8

Substructure Fire Sprinkler Rehabilitation Zone 3

Fisheries and Oceans Canada

Small Craft Harbours – Pacific Region

June 2021

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SECTION 01 11 00 – SUMMARY OF WORK

Part 1 General

1.1 DEFINITIONS

- .1 **Authority Having Jurisdiction (AHJ)**: An organization, office, or individual responsible for enforcing the requirements of a code or standard, or for approving equipment, materials, an installation or a procedure.
- .2 **Contractor**: The party accepted by the Owner with whom a formal contract is entered to complete the work of this project.
- .3 **Departmental Representative**: Employee(s) that represents the Owner who act as the Engineer and Technical Authority for the project.
- .4 **Harbour Authority**: Steveston Harbour Authority; 12740 Trites Road, Richmond, BC V7E 3R8.
- .5 **Owner**: Small Craft Harbours Program of the Department of Fisheries and Oceans, 200-401 Burrard Street Vancouver B.C. V6C 3S4.

1.2 SITE LOCATION

- .1 The project is located in Steveston Gulf, which is on the north shore of the south arm of the Fraser River in Richmond, BC.
- .2 Substructure sprinkler system rehabilitation will be located under Building 8 (Seine Loft Building), situated directly west of the Gulf of Georgia Cannery heritage building. Refer to Drawing F-100 for the location of the building.

1.3 NATURE OF WORK

- .1 Remove and reinstall main line and its associated branch lines and sprinkler heads of Zone 3.
- .2 The fire protection system shall still be in operation upon completion of work.
- .3 Requires working under pier substructure: water level fluctuations including tides.
- .4 Trip and hydrostatic pressure test.

1.4 COMMENCEMENT AND COMPLETION

- .1 All work including clean-up and demobilization must be completed within 4 months of contract award.
- .2 Work can commence on site immediately after contract award upon notification and acceptance of shop drawings and other pre-construction submittals required in this contract.



1.5 WORK COVERED BY CONTRACT DOCUMENTS

- .1 Mobilization/Demobilization:
 - .1 Mobilize and demobilize equipment, labour and tools to and from site.
 - .1 Include any temporary facilities;
 - .2 And site clean up.
 - .2 Allow for one (1) mandatory pre-construction meeting onsite at least one (1) week prior to start work.
- .2 Substructure Sprinkler system remove and reinstall:
 - .1 Remove and dispose existing zone 3 sprinkler system.
 - .2 Provision new sprinkler system under the timber wharf structure as per the drawings.
 - .3 Contractor to supply and maintain own access to work on the specified sprinkler system under the timber wharf structure which is exposed to river bed and water level fluctuations including tides.
 - .4 Provision of approved seismic attachments, fittings, bracing and fasteners.
- .3 Testing and Verification:
 - .1 All piping and attached appurtenances subjected to system working pressure shall be hydrostatically tested at gauge pressure of 200 psi for 2 hours.
 - .2 Provision of all required testing, commissioning and training services.
 - .3 Provision of pressure test certificate

1.6 Scope Exclusion

- .1 Fire watch by others.
- .2 Modification or installation of fire wall/fire stop is not expected.

Part 2 Product

2.1 NOT USED

Part 3 Execution

3.1 NOT USED

END OF SECTION



SECTION 01 13 00 – GENERAL INSTRUCTIONS

Part 1 General

1.1 NOTIFICATION

- .1 The Contractor shall give the Departmental Representative **minimum 2 week notice** prior to mobilization to site.

1.2 HOURS OF WORK

- .1 Normal work hours are between 0700 hrs to 1700 hrs Monday through Friday not including statutory holidays.
- .2 Contractor may request to work outside the above-mentioned normal work hours. Submit written request to Departmental Representative to work outside of the normal work hours a minimum of forty (48) hours in advance.

1.3 CONSTRUCTION WORK SCHEDULE

- .1 The Contractor shall work whatever shifts while abiding to the noise-by-law required in order to ensure the work meets regulatory windows and is completed by the completion date of the contract.
- .2 The Contractor shall normally perform all work within daylight hours, except in instances where the Contractor has requested and received approval for shift changes from the Owner.
- .3 Time lost by the Contractor due to stoppage on account of adverse weather conditions may be allowed, at the discretion of the Departmental Representative, as an extension of time for the completion of the work over and above the date of completion specified in the contract agreement.

1.4 MEASUREMENT AND PAYMENT

- .1 Before submitting first progress claim, submit breakdown of Contract price in detail as directed by the Departmental Representative and aggregating contract price. After approval by Engineer, cost breakdown will be used as basis for progress payment.

1.5 HEALTH AND SAFETY

- .1 Specified in Section 01 35 29.06

1.6 ENVIRONMENTAL PROCEDURES

- .1 Specified in Section 01 35 43

1.7 REGULATORY REQUIREMENT



- .1 The Contractor must, at his own expense, procure all permits, certificates and licenses required by law for the execution of work under this contract.
- .2 The Contractor shall comply with all Federal, Provincial or Municipal laws, ordinances or rules and regulations relating to the performance of his work and in force during the duration of this contract.
- .3 The Contractor is required to give all required notices, comply with all local, municipal, provincial, and federal laws, ordinances, codes, by-laws, rules and regulations relating to the work.
- .4 All work to be done in accordance with Work Safe BC regulations.
- .5 The Contractor shall comply with Federal and Provincial laws, orders and regulations concerning the control and abatement of water and air pollution.

1.8 EXECUTION REQUIREMENTS

- .1 The Contractor is expected to familiarize themselves with the site, facilities and amenities within.
- .2 The Contractor's representative on site shall be completely familiar with the method of work to be employed. Such personnel shall remain on site for the duration of the work.
- .3 The Contractor shall protect all finished work from injury, defacement, unauthorized entry, or trespass until such time as the work described in the contract documents is substantially complete.
- .4 All heavy construction equipment shall be free of leaks and cleaned prior to construction. The Contractor shall have absorbent pads on site in case of any oil leaks or contaminants entering the water.
- .5 The site shall be left in a safe condition at the completion of each work day.

1.9 WASTE MANAGEMENT AND DISPOSAL REQUIREMENTS

- .1 All replaced items, cut-offs and waste material shall be disposed by Contractor in strict accordance to with provincial, local and municipal regulations and Part 8 of the National Building Code and Canadian Construction Safety Code.
- .2 Do not bury rubbish or any waste material.
- .3 Do not dispose of waste into waterways, storm, or sanitary sewers.

1.10 INSPECTION

- .1 Allow Departmental Representative access to the Work. If part of the Work is in preparation at locations other than Place of Work, allow access to such Work whenever it is in progress.



- .2 Departmental Representative will order part of Work to be examined if Work is suspected to be not in accordance with Contract Documents.

1.11 INTERFERENCE WITH OPERATION

- .1 During the course of construction and clean-up, do not dispose of surplus, waste or demolished materials in navigable waters.
- .2 The Contractor shall upon instruction of the Owner or Engineer, promptly remove any of the Contractor's equipment located outside the specified work area and obstructing any harbour operation.

1.12 BARRIERS, LIGHTS AND WATCHING

- .1 The Contractor shall provide all requisite barriers, fences, warning signs, lights and watching for the protection of persons and property on or adjacent to the site.

1.13 SITE ACCESS

- .1 General site access shall be coordinated with the Owner.
- .2 The Contractor shall maintain routes of travel, with the Owner being the sole judge as to what may be deemed reasonable.
- .3 Do not unreasonably encumber site with materials or equipment.

1.14 CONSTRUCTION AREA

- .1 The Contractor shall not enter on nor occupy with men, tools, equipment or material, any ground outside the property of the Harbour Authority without the written consent of the party owning such ground. Other Contractors or employees or representatives of the Department may, for all necessary purposes, enter upon the work and premises used by the Contractor, and the Contractor shall conduct his work so as not to impede unnecessarily any work being done by others nor adjacent to the site.
- .2 The Contractor shall regulate construction traffic on public areas and comply with all local ordinances in connection therewith, including load limitation and removal of debris.
- .3 The Contractor shall confine his operations on the site to those areas actually required for the work including routes and regulations approved by the Owner for haulage of materials.

1.15 PROTECTION OF EXISTING STRUCTURES

- .1 Existing structures, adjacent marine facilities, roads, services, piping or equipment within the work area which are not to be replaced shall be properly protected from any injury or damage, direct or indirect.



- .2 Any damage that is caused as a result of the operations of the Contractor shall be repaired and made good at the Contractor's expense to the satisfaction of the Engineer.

1.16 TEMPORARY SERVICES

- .1 Contractor shall make his own arrangements for supply of water and electricity onsite.
- .2 The Contractor shall supply for his own use; sanitary, first aid, and all other temporary services and facilities required for the work.

1.17 RECORD DRAWINGS

- .1 The Contractor shall mark up one set of plans with any changes or amendments implemented during the Contract. These plans shall be submitted to the engineer before the Final Certificate of completion is issued.

1.18 CLOSEOUT SUBMITTALS

- .1 Submit final mark up record drawings.

Part 2 Products

2.1 NOT USED

Part 3 Execution

3.1 NOT USED

END OF SECTION



SECTION 01 35 29.06 – HEALTH & SAFETY REQUIREMENTS

Part 1 General

1.1 DESCRIPTION

- .1 Health and safety considerations are required to ensure that the Contractor shows due diligence towards health and safety on construction sites.

1.2 MEASUREMENT AND PAYMENT

- .1 Health and Safety Requirements are considered incidental to the work and will not be measured separately. No separate payment will be made under this Section.

1.3 REFERENCES

- .1 Government of Canada:
 - .1 Canada Labour Code – Part II
 - .2 Canada Occupational Health and Safety Regulations.
- .2 National Building Code of Canada (NBC):
 - .1 Part 8, Safety Measures at Construction and Demolition Sites.
- .3 Canada Standards Association (CSA):
 - .1 CSA S269, Falsework for Construction Purposes.
 - .2 CSA S269.2, Access Scaffolding for Construction Purposes.
 - .3 CSA-S350, Code of Practice for Safety in Demolition of Structures.
 - .4 CSA Z462 – Workplace Electrical Safety Standard.
- .4 American National Standards Institute (ANSI):
 - .1 ANSI A10.3, Operations – Safety Requirements for Powder-Actuated Fastening Systems.
- .5 Province of British Columbia:
 - .1 Workers Compensation Act. Part 3 Occupational Health and Safety.
 - .2 Occupational Health and Safety Regulation
- .6 Health Canada/Workplace Hazardous Materials Information System (WHMIS):
 - .1 Material Safety Data Sheets (MSDS).

1.4 WORKERS COMPENSATION BOARD COVERAGE

- .1 Comply fully with the Workers' Compensation Act, regulations and orders made pursuant thereto, and any amendments up to the completion of the work.



- .2 Maintain Workers' Compensation Board coverage during the term of the Contract, until and including the date that the Certificate of Final Completion is issued.

1.5 COMPLIANCE WITH REGULATIONS

- .1 The Owner may terminate the Contract without liability to the Owner where Contractor, in the opinion of the Owner, refuses to comply with a requirement of the Workers' Compensation Act or the Occupational Health and Safety Regulations.
- .2 It is Contractor's responsibility to ensure that all workers are qualified, competent and certified to perform the work as required by the Workers' Compensation Act or the Occupational Health and Safety Regulations.

1.6 SUBMITTALS

- .1 Submit site-specific Health and Safety Plan: Within 7 days after date of Notice to Proceed and prior to commencement of Work. Health and Safety Plan must include:
 - .1 Results of site specific safety hazard assessment.
 - .2 Results of safety and health risk or hazard analysis for site tasks and operation found in work plan.
 - .3 Risk Management and Safety Procedure for possible events including but not limited to storm, fire, and fall.
 - .4 WHMIS MSDS - Material Safety Data Sheets if requested.
 - .5 On-site Contingency and Emergency Response Plan: address standard operating procedures to be implemented during emergency situations
- .2 The Engineer review of Contractor's final Health and Safety plan should not be construed as approval and does not reduce the Contractor's overall responsibility for construction Health and Safety.
- .3 Submit copies of incident and accident reports to Department Representative whenever an unforeseen incident and/or accident occurred.

1.7 RESPONSIBILITY

- .1 Assume responsibility as the Prime Contractor under this Contract.
- .2 Be responsible for health and safety of persons on site, safety of property on site and for protection of persons adjacent to site and environment to extent that they may be affected by conduct of Work.
- .3 Comply with and enforce compliance by employees with safety requirements of contract documents, applicable federal, provincial, territorial and local statutes, regulations, and ordinances, and with site-specific Health and Safety Plan.



- .4 Report all safety and environmental incident to the Department Representative as soon as it happened.

1.8 BARRICATION

- .1 Provide safety barricades around work site as required to provide a safe working environment for workers and protection for pedestrian traffic.
- .2 Ensure that non-authorized persons are not allowed to circulate in designated construction areas of the work site.
 - .1 Provide appropriate means by use of barricades, fences, and warning signs as required.
 - .2 Secure site at night time as deemed necessary to protect site against entry.

1.9 REGULATORY REQUIREMENTS

- .1 Comply with specified codes, acts, bylaws, standards and regulations to ensure safe operations at the Contractor's Work Site.
- .2 In event of conflict between any provision of the above authorities, the most stringent provision will apply. Should a dispute arise in determining the most stringent requirement, Departmental Representatives will advise on the course of action to be followed.

1.10 FILING OF NOTICE

- .1 File Notice of Project with Provincial authorities prior to beginning of Work.
- .2 Provide copies of all notices to Departmental Representative.

1.11 SAFETY ASSESSMENT

- .1 Perform site specific safety hazard assessment related to project.
- .2 Develop written site-specific Health and Safety Plan based on hazard assessment prior to beginning site Work and continue to implement, maintain, and enforce plan until final demobilization from site.
- .3 Schedule and administer Health and Safety meeting prior to commencement of Work.

1.12 UNFORSEEN HAZARDS

- .1 When unforeseen or peculiar safety-related factor, hazard, or condition occur during performance of Work, follow procedures in place for Employee's Right to Refuse Work in accordance with Acts and Regulations of Province having jurisdiction and advise Engineer verbally and in writing.



1.13 POSTING OF DOCUMENTS

- .1 Ensure applicable items, articles, notices and orders are posted in conspicuous location on site in accordance with Acts and Regulations of Province having jurisdiction, and in consultation with Engineer.

1.14 CORRECTION OF NON-COMPLIANCE

- .1 Immediately address health and safety non-compliance issues identified by authority having jurisdiction or by the Engineer.
- .2 Provide the Engineer with written report of action taken to correct non-compliance of health and safety issues identified.
- .3 The Engineer may stop Work if non-compliance of health and safety regulations is not corrected.

Part 2 Products

2.1 NOT USED

Part 3 Execution

3.1 NOT USED

END OF SECTION



SECTION 01 35 43 – ENVIRONMENTAL PROCEDURES

Part 1 General

1.1 DESCRIPTION

- .1 This Section describes environmental procedures that are required for the Contract. Contractor shall be responsible for adhering to these special procedures while completing all work under this Contract.
- .2 Contractor is responsible for environmental protection during all construction activities at all locations it performs work.

1.2 MEASUREMENT AND PAYMENT

- .1 Environmental Procedures are considered incidental to the work and will not be measured separately. No separate payment will be made under this Section.

1.3 SUBMITTALS

- .1 Contractor shall submit a Environmental Protection Plan and Spill Response Emergency Plan for review and acceptance by Departmental Representative at least one (1) week prior to site mobilization.

1.4 ENVIRONMENTAL RESPONSIBILITY

- .1 Contractor shall demonstrate in the performance of the work that it is environmentally responsible by complying with environmental legislation, regulations, and authorizations.
- .2 Follow all Departmental Representative instructions and policies, practices, and procedures established by Departmental Representative with respect to the environment that are communicated by Departmental Representative to Contractor from time to time.
- .3 Take all reasonable and necessary measures in the performance of the work to avoid causing negative impacts to the environment. Where negative impacts occur, Contractor shall immediately advise Departmental Representative and shall be solely liable to undertake all reasonable and necessary measures to minimize the effect of such negative impacts and restoring the site to pre-impact conditions.
- .4 Maintain key pollution control systems in working condition throughout the project and undertake all works such that there are no unauthorized discharges of liquids or solids to the marine environment, or of gas to the atmosphere.
- .5 Maintain a neat work area free of unnecessary debris, tools, equipment, or materials; dispose of sewage, refuse, and chemical wastes in compliance with



the Best Management Practices and applicable federal, provincial, and municipal or local legislation, regulations, or laws; and remove all tools, equipment, supplies, and wastes from the site upon completion of the work.

- .6 Ensure that workers and supervisory staff are knowledgeable with the provisions of the proposed Spill Emergency Response Plan and are adequately trained to implement the measures contained therein.

1.5 FIRES

- .1 Fires and burning of rubbish on Site is not permitted.

1.6 SPILL OR RELEASE OF DELETERIOUS SUBSTANCES

- .1 Contractor shall immediately contain and assess the spill, provide appropriate notifications, and take the necessary steps to prevent further discharge. Contractor is responsible for immediate cleanup of the spill and restoration of the area to the satisfaction of Departmental Representative and other regulatory agencies, where involved.
- .2 All workers shall be fully aware of the spill prevention and response procedures including notification of Departmental Representative.
- .3 Departmental Representative shall be immediately informed of all spills that occur at the Work Site.
- .4 Spill kits will be kept at the Work Site at all times.
- .5 Any equipment remaining on site overnight shall have appropriately placed drip pans or other spill/leak containment measures.
- .6 Do not refuel any type of equipment within 100m of a waterbody.
- .7 Maintain equipment in good working condition with no fluid leaks, loose hoses or fittings.

1.7 DRAINAGE

- .1 Do not pump water containing suspended materials into waterways, sewer or drainage systems.

1.8 NOISE AND LIGHT CONTROL

- .1 Ensure that noise control devices (i.e. mufflers and silencers) on construction equipment are properly maintained.
- .2 Contractor shall implement use of lighting shrouds for work to be completed during night-time hours to minimize lighting disruptions to local residents.

1.9 HISTORICAL/ARCHAEOLOGICAL CONTROL



- .1 Contractor must notify the Owner immediately if potential historical archaeological, cultural resources and biological resources are discovered during construction.

1.10 NOTIFICATION

- .1 The Departmental Representative will notify Contractor of observed noncompliance with Federal, Provincial or Municipal environmental laws or regulations, permits, and other elements of Contractor's Environmental Protection plan.
- .2 The Contractor shall inform the Engineer of proposed corrective action after receipt of such notice, and take such action for approval by the Engineer.
- .3 Departmental Representative will issue stop order of work until satisfactory corrective action has been taken.

Part 2 Products

2.1 NOT USED

Part 3 Execution

3.1 NOT USED

END OF SECTION



SECTION 02 41 00.08 – DEMOLITION – MINOR WORKS

Part 1 General

1.1 REFERENCES

- .1 CSA International
 - .1 CSA S350-M1980(R2003), Code of Practice for Safety in Demolition of Structures.

1.2 SITE CONDITIONS

- .1 If material resembling spray or trowel-applied asbestos or other designated substance listed as hazardous be encountered, stop work, take preventative measures, and notify Departmental Representative immediately.
 - .1 Proceed only after receipt of written instructions have been received from Departmental Representative.
- .2 Notify Departmental Representative before disrupting access or services.

Part 2 Products

2.1 NOT USED

Part 3 Execution

3.1 EXAMINATION

- .1 Inspect site and existing structures with Departmental Representative and verify extent and location of items designated for removal, disposal, alternative disposal and items to remain.
- .2 Locate and protect utilities. Preserve active utilities traversing site in operating condition.
- .3 Notify and obtain approval of Departmental Representative before starting demolition.

3.2 PROTECTION

- .1 Take precautions during demolition to support parts of structures not being demolished, and if safety of existing structure appears to be endangered, cease operation and notify Departmental Representative.
- .2 Prevent debris from blocking any drainage which must remain in operation.



- .3 Take precaution during demolition to protect adjacent finished surfaces.
- .4 During the removal of existing hanger or fasteners from treated wood, fill the newly exposed void with creosote dowels or epoxy to prevent marine biological attack on the exposed (untreated) wood.
- .5 Demolition/Removal:
 - .1 Remove items as indicated.

3.3 CLEANING

- .1 Progress Cleaning: Leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment.
- .3 Waste Management: separate waste materials for reuse and recycling.
 - .1 Remove containers and bins from site and dispose of materials at appropriate facility.
 - .2 Do not bury waste or material on site.
 - .3 Fires burning and selling of waste of materials is not permitted on site.

END OF SECTION



SECTION 21 13 16 – DRY PIPE SPRINKLER SYSTEM

Part 1 General

1.1 REFERENCE STANDARDS

- .1 NFPA 307-2021 Substructure: Standard for the construction and fire protection of Marine terminals, Piers and Wharves
- .2 NFPA 13-2019 Standard for the installation of Sprinkler System
- .3 NFPA 25-2020 Standard for inspection, testing and maintenance of water based fire protection system.

1.2 TESTING OF PIPE

.1 Hydrostatic Tests

- .1 All new systems including piping and fire department connection piping, shall be tested hydrostatically at 200 psi for 2 hours. Prior to pressure test, flush all piping in accordance with NFPA No. 13 to ensure removal of all foreign material and debris within the system.
- .2 These tests may involve the local Fire Department and be witnessed by the departmental representative.
- .3 Acceptable test results shall be determined by indication of either pressure loss of 5 psi or by no visual leakage.

.2 Inspections and Tests

- .1 The Contractor shall provide field labour and equipment to facilitate all inspections, examinations and tests required by the authorities and/or agencies specified under Fire Protection System.

.3 Pressure Test Certificate

- .1 Upon completion of all pressure tests and before the substantial completion inspection, submit completed copies of the "Contractor's Test Certificate" to the Department Representative.

Part 2 Product

.1 Piping and Fittings

- .1 Hot Dipped Galvanized *SCH 10* steel piping and galvanized fittings shall meet the requirements of ASTM A 795 and ANSI B 16 or as indicated.
 - .1 Any pipe above and below the timber/concrete deck must be steel for fire resistance.
- .2 Provide compatible fittings at the connections between dissimilar pipes.



.2 Hangers, Seismic Sway-Bracing & Piping Restraints

- .1 Hangers and seismic sway bracing and piping restraints shall be hot dipped galvanized and conform to current NFPA No. 13.

.3 Material, Equipment, Valve

- .1 All materials, equipment, valves and devices installed and/or furnished under this section shall be new and be listed and/or approved.

.4 Sprinkler Heads

- .1 Sprinklers shall be upward projecting sprinklers.
 - .1 ½" orifice, chrome finish
 - .2 Wax coated pendent head

.5 Pipe Sleeves

- .1 Provide pipe sleeves where piping passes through existing fire walls.
- .2 Seal space at both ends of sleeve or core-drilled hole with ULC listed fill, void, or cavity material.
- .3 Coring of new holes through fire wall or any other physical barrier is not expected. Contact the Departmental Representative if coring is required for the Work.

.6 Control Valves

- .1 Valves for the same application shall be of one manufacture and bearing ULC label, manufacturer's name, valve size and pressure rating. Unless otherwise specified, design for 175 psi working pressure.
- .2 Drain valves and isolation valves to be bronze ball valves.

Part 3 Execution

.1 General

- .1 Installation of sprinkler system shall be in accordance with the applicable provisions of NFPA 13.

.2 Qualifications

- .1 The Contractor shall be a qualified installation company whose employees are familiar with the installation of materials as specified.

.3 Welding

- .1 Field welding of steel pipe and fittings are prohibited.

.4 Pipe Installation

- .1 Keep interior and ends of new piping and existing piping thoroughly cleaned of water and foreign matter.



- .2 Keep piping systems clean during installation by means of plugs or other approved methods. When work is not in progress, securely close open ends of piping to prevent entry of water and foreign matter.
- .3 Inspect piping before placing into position.
- .5 **Dry system drainage**
 - .1 Branch lines shall be pitched at least 0.5" per 10' and mains 0.25" per 10'.
 - .2 Drains shall be 2".
 - .3 Auxiliary drains shall consist of two 1" valves and 2" x12" condensate nipple or equal, accessibly located.
- .6 **Seismic Protection**
 - .1 Supply and install sway brace hangers on the fire protection system in accordance to NFPA 13. Horizontal piping shall be 2 way sway braced every 40ft and 4 way sway braced every 80ft.
 - .2 The top of all risers and the corner of all loops shall also be equipped with 4 way sway braces.
 - .3 Pipe hangers to be installed to NFPA 13 requirements and be ULC listed.
 - .4 The pipe hangers shall be placed where they will be in the wetting pattern of the sprinkler to prevent lag screw from "burning or charring out".
- .7 **Cutting, Coring & Patching**
 - .1 Coordinate, schedule and obtain Owner's approval prior to commencement of cutting or coring.
 - .2 Structures to be reinforced where weakened by cutting or coring.
- .8 **Cleaning**
 - .1 Maintain the work in a tidy condition and free from the accumulation of waste products and debris. Material accumulated by cutting and opening up shall be removed as work is performed.
 - .2 Unless otherwise noted, all equipment demolished or removed and not to be handed over to the Owner shall become the property of the Contractor and removed from the site.

END OF SECTION

