



ADDENDUM NO. 3

Owner: Snohomish County
Fire District # 21

Date: 4/5/22

Project: 1744 – New Fire Station No. 50

NOTICE TO BIDDERS

To the Prime Bidders and all “Plan Holders of Record”:

You are hereby notified of the following additions, deletions, modifications or clarifications to the drawings and specifications for the above referenced project. This Addendum forms a part of the Contract Documents and shall be bound inside the front cover of the Project Manual.

BE SURE TO ACKNOWLEDGE THIS ADDENDUM ON YOUR BID / PROPOSAL FORM

The following information is to be issued to all plan holders of record. However, prior to the bid opening it is the specific responsibility of each general and separate contractor to notify his subcontractors, suppliers, etc., and to verify with all items covered by the Contract Documents, including addenda, as relating to their bids.

GENERAL

1. Refer to Specification Section 00 1100 Advertisement for Bids – Pre-Bid Conference Mandatory Site Walk
 - a. Pre-Bid Conference Mandatory Site Walk occurred on Tuesday April 5th, 2022, at 1:00 pm. Refer to attached Meeting Sign-in Sheet for list of attendees.
 - b. There is an existing tree located where existing power pole is to be located that is close to but may be outside the identified clearing limits. Contractor shall coordinate relocation of pole and remove trees as required for relocation of existing pole.
 - c. Relocation of existing power pole and trenching to vault related to the power pole re-location will need to be completed before temporary power will be available.
 - d. Temporary power is the responsibility of the contractor.
 - e. District is applying for Grant for additional funding which requires compliance with Davis-Bacon Prevailing Wages where wages listed by Davis-Bacon might be higher than those listed in L&I Prevailing Wages. Compliance with both L&I and Davis-Bacon shall be required.
 - f. New waterline along McElroy Road has been installed and stub up for meter is completed however water pressure is inadequate to provide the required fire flow as required by the Snohomish County Fire Marshal. City of Arlington will be installing booster pumps at the reservoir to increase fire flow, currently understood to be completed by the Fall of 2022. Snohomish County Fire Marshal requires that Snohomish County Fire District 21 provide engine and aide car (fire apparatus) 24/7 to supplement the existing hydrant flow until the booster pumps have been installed and the required fire flow has been completed and approved and available on-site. Presence of apparatus will also require accommodation for crew members temporary living quarters. Refer to attached revised 01 5000 Temporary Facilities for description of District temporary facilities and contractor responsibilities.

- g. An official cost estimate has not been published; however, the project is approximately 4.8 million.
 - h. There are no specific wetland timing limitations other than those listed in Mitigation Plans.
 - i. Special Inspectors are to be hired by owner and are as follows:
 - i) Site – Associated Earth Sciences Inc,
 - ii) Specialty Inspection – To Be Determined
 - iii) Building Envelope – Cornerstone Architectural Group
2. Refer to Specification Section 01 5000 Temporary Facilities: Replace 01 5000 Temporary Facilities in its entirety with revised 01 5000 Temporary Facilities attached.

CIVIL DRAWINGS

1. Refer to Sheet C6.0 Water & Composite Utility Plan
- a. The 3" PEX specified between the proposed water meter and the building may be substituted with 3" HDPE DR11. Connection for the new domestic water service will be made from an existing HDPE stub at property line (currently being constructed with McElroy Rd Waterline Extension).

ARCHITECTURAL SPECIFICATIONS

1. Refer to Specification Section 03 3000 Cast-in-Place Concrete
- a. Revise 2.1.F.2 as follows: "Architect shall select from manufacturer's full range of red and black hues."
2. Refer to Specification Section 04 2000 Unit Masonry
- a. Revise 2.3.B.9 as follows: "Admixture: All exterior concrete block shall contain the recommended amount of the "Dry Block System Admix" for water repellency or equivalent system."
 - b. Revise 2.4.A as follows: "Admixture: All mortar for exterior block shall contain the recommended amount of the "Dry Block System Admix" for water repellency and to assure proper bond strength or equivalent system."

ARCHITECTURAL DRAWINGS

1. Refer to Detail 16/A1.2 Flagpole Enlarged Plan:
- a. Replace detail with attached ADD 3/ ASK 1 Revised Flagpole Enlarged Plan. Sketch is being issued to clarify extent of colored paving.
2. Refer to Sheet A9.3 – Door Schedule Remarks:
- a. Revise Remark 4 as follows: Provide "NO PUBLIC ACCESS" signage per T1.3
 - b. Revise Remark 5 as follows: Provide Unisex Barrier Free Restroom Signage per T1.3
 - c. Revise Remark 8 as follows: Provide Server Room Signage per T1.3
 - d. Revise Remark 9 as follows: Provide Fire Riser Room Signage per T1.3
3. Refer to Sheet A10.4 – Details 3, 4 and 7 thru 11. Signage subcontractor shall provide complete monument signage which includes, but is not limited to, foundation, reinforcement, steel and masonry.
4. Refer to Detail 18/ A10.4: "STATION" signage shall be 2'-6" high.

ELECTRICAL SPECIFICATIONS

1. Refer to Specification Section 27 5116 Station Alerting System

a. Revise 1.1.E to the following:

SCFD #21 will furnish the Locution FSA MFBW7463 antennas as well as the 800 Mhz APX radios for the control station and Locution. The Contractor will install the antennas per the contract documents. The Electrical General Contractor will install conduit, overhead speakers, relays and all electrical associated with the station control and penetrations to the roof with weather heads. One of the antennas will serve the Motorola Base Radio Control Station for fire District operations between the station, crew members, apparatus and dispatch. The second antenna is connected to another receiver only to provide clear audio and dry contacts to the overhead zone Public address PA system and lights. The locution provides main station control and Public address redundancy.

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PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes requirements for temporary utilities, support facilities, and security and protection facilities. including but not limited to:
 - 1. Temporary utilities.
 - 2. Temporary heat.
 - 3. Temporary power.
 - 4. Temporary sanitary facilities.
 - 5. Drinking Water.
 - 6. Storage.
 - 7. Temporary controls: Barriers, enclosures, and fencing.
 - 8. Demolition and Construction Waste Management.
 - 9. Project Identification Signs.
 - 10. Indirect Equipment.
 - 11. Field Offices.
 - 12. Field Staffing.
 - 13. District Fire Watch Presence
 - 14. Traffic Control (Refer to 01 5500 Vehicular Access and Parking for requirements)
- B. See Division 01 Section "Execution" for progress cleaning requirements.
- C. See Divisions 03 through 33 Sections for temporary heat, ventilation, and humidity requirements for products in those Sections.

1.3 TEMPORARY UTILITIES

- A. Provide means, methods, material, and labor necessary to provide all lighting, heating and cooling, ventilation and electrical for required construction purposes
 - a. Provide temporary heat required by construction activities for curing and drying of completed installations or for protection of installed construction from adverse effects of low temperatures or high humidity and temperatures or as specified. Select safe equipment that will not have harmful effect on completed installations

or elements being installed. Coordinate ventilation requirements to produce ambient condition required and to minimize energy consumption.

2. Provide means, methods, material, and labor necessary to provide clean, potable water as required. Make temporary connections to closest existing utility piping and provide meter, piping, hoses, nozzles, and other accessories as required. At completion, or before if directed, disconnect temporary connections and piping, and remove from site.

1.4 SUBMITTALS

- A. Site Plan: Show temporary facilities, utility hookups, staging areas, and parking areas for construction personnel.
 1. Contractor to review site plan lay down areas, staging, access, use of site and other site related uses with Owner and Design Team at pre-construction meeting prior to start of work.

1.5 QUALITY ASSURANCE

- A. Electric Service: Comply with NECA, NEMA, and UL standards and regulations for temporary electric service. Install service to comply with NFPA 70.
- B. Tests and Inspections: Arrange for authorities having jurisdiction to test and inspect each temporary utility before use. Obtain required certifications and permits.

1.6 PROJECT CONDITIONS

- A. Temporary Use of Permanent Facilities: Installer of each permanent service shall assume responsibility for operation, maintenance, and protection of each permanent service during its use as a construction facility before Owner's acceptance, regardless of previously assigned responsibilities.
- B. Conditions of Use: The following conditions apply to use of temporary services and facilities by all parties engaged in the Work:
 1. Keep temporary services and facilities clean and neat.
 2. Relocate temporary services and facilities as required by progress of the Work.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Portable Chain-Link Fencing and Entry/Access Gates: Minimum 2-inch, 9-gauge, galvanized steel, chain-link fabric fencing; minimum 6-feet high with galvanized steel pipe posts and rails and concrete bases for supporting posts.
- B. Water: Potable.

2.2 TEMPORARY FACILITIES

- A. General: Provide equipment suitable for use intended.
- B. Field Offices, General: Prefabricated or mobile units with serviceable finishes, temperature controls, and foundations adequate for normal loading.
- C. Storage and Fabrication Sheds: Provide sheds sized, furnished, and equipped to accommodate materials and equipment for construction operations.

2.3 FIRE WATCH PRESENCE

Snohomish County Department of Planning and Development requires that Snohomish County Fire District 21 maintain fire watch presence on site until the required fire flow by Snohomish County for the building is available on-site. Contractor shall provide and maintain an area as indicated below for on-site personnel trailer, portable restroom, vehicle staging (vehicle staging may include a covered vehicle carport provided and erected by the Fire District). The designated fire personnel trailer and apparatus area shall have a temporary 120-V, 50-amp power connection provided by the contractor and a compacted gravel area capable of supporting the delivery of the fire personnel trailer and a fully loaded tender-engine (65,000-pound dual axle truck) with turn around capability. The contractor shall provide and maintain a temporary restroom on-site adjacent to the fire personnel trailer. The area shall have full ingress/egress at all times for emergency response. Contractor shall assume that District presence will be required for duration of construction. This area shall be provided after clearing and grubbing has commenced but prior to any combustible materials being brought on-site and the start of any formwork. This area and access shall be provided during the project until such time that the County and City have approved the project to have the required water fire flow and pressure to allow for satisfactory fire protection. Any and all labor, materials, coordination, and effort for providing this required area, access, temporary power connection, and temporary restroom shall be incidental to all other bid items within this project and no further payment shall apply.

- A. District presence shall not commence until site, storm and utility work is complete between designated apparatus storage area and crew facilities and McElroy Road. Temporary paving may be required. Contractor shall be responsible for providing the following to accommodate for District presence.
 - 1. Apparatus Parking/ Storage: Contractor shall coordinate a location for the District to provide a 14'x40' Engine with mobile cover and 12'x16' Aid Car at the north parking area.

- a. Contractor shall maintain a clear path between apparatus and McElroy Road at all times for emergency response.
2. Temporary Living Quarters: 42'-0" motor home/ trailer with two rooms for office/ sleeping, large space for kitchen/day area and a toilet/ shower room. Temporary quarters shall be located adjacent to Apparatus parking/ storage.
3. Utilities:
 - a. Power and Internet: Refer to 3.2.E and 3.2.I for power, and internet service.
 - b. Water: Contractor shall provide temporary connection to waterline at the north side of the site of size and capacity adequate to service temporary living quarters.
 - c. Septic: Owner shall provide and maintain portable above ground septic tank.
4. Parking: Provide designated area to accommodate for four personal vehicles

2.4 EQUIPMENT

- A. Fire Extinguishers: Portable, UL rated; with class and extinguishing agent as required by locations and classes of fire exposures.
- B. HVAC Equipment: Unless Owner authorizes use of permanent HVAC system, provide vented, self-contained, liquid-propane-gas or fuel-oil heaters with individual space thermostatic control.
 1. Use of gasoline-burning space heaters, open-flame heaters, or salamander-type heating units is prohibited.
 2. Heating Units: Listed and labeled for type of fuel being consumed, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
 3. Permanent HVAC System: If Owner authorizes use of permanent HVAC system for temporary use during construction, provide filter with MERV of 8 at each return air grille in system and remove at end of construction.
 - a. If HVAC system is used by Contractor the HVAC warranty shall start on the date the project is final completion.
- C. Self-Contained Toilet Units: Single-occupant units of chemical, aerated recirculation, or combustion type; vented; fully-enclosed with a glass-fiber-reinforced polyester shell or similar nonabsorbent material.
 1. Provide Sanitizer dispensing units at toilet units and the job trailer
 - a. Contractor to make sure units are always available and filled for use.
- D. Wash Facilities: Provide hand washing station adjacent to toilet units.
- E. Drinking-Water Fixtures: Containerized, tap-dispenser, bottled-water, drinking-water units, including paper cup supply.

1. Where power is accessible, provide electric water coolers to maintain dispensed water temperature at 45 to 55 deg F.
- F. Electrical Outlets: Properly configured, NEMA-polarized outlets to prevent insertion of 110-to-120-V plugs into higher-voltage outlets; equipped with ground-fault circuit interrupters, reset button, and pilot light.
- G. Power Distribution System Circuits: Where permitted, and overhead and exposed for surveillance, wiring circuits, not exceeding 125-V ac, 20-A rating, and lighting circuits may be nonmetallic sheathed cable. Provide all wiring for all required extension cords, lighting outlets, power outlets, lamps, and other equipment and accessories.
- H. Remove temporary lighting connections, outlets, equipment, and accessories at completion of the work or sooner, if approved and directed.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Locate facilities where they will serve Project adequately and result in minimum interference with performance of the Work. Relocate and modify facilities as required by progress of the Work.
- B. Provide each facility ready for use when needed to avoid delay. Do not remove until facilities are no longer needed or are replaced by authorized use of completed permanent facilities.

3.2 TEMPORARY UTILITY INSTALLATION

- A. General: Install temporary service or connect to existing service.
 1. Arrange with utility company, Owner, and existing users for time when service can be interrupted, if necessary, to make connections for temporary services.
- B. Sanitary Facilities: Provide temporary toilets, wash facilities, Sanitizer dispensers, and drinking water for use of construction personnel. Comply with authorities having jurisdiction for type, number, location, operation, and maintenance of fixtures and facilities.
- C. Heating and Cooling: Provide temporary heating and cooling required by construction activities for curing or drying of completed installations or for protecting installed construction from adverse effects of low temperatures or high humidity. Select equipment that will not have a harmful effect on completed installations or elements being installed.
 1. Enclose and dry building by use of heaters/fans/etc as required (make-up air heaters and distribution by TempAir is recommended; phone 800/859-1085, or Equal), and verify that wood framing meets specified moisture limits or 15% maximum prior to hanging gypsum wallboard.

2. Maintain a minimum temperature of 50 deg F in permanently enclosed portions of building for normal construction activities, and 65 deg F for finishing activities and areas where finished Work has been installed.
- D. Ventilation and Humidity Control: Provide temporary ventilation required by construction activities for curing or drying of completed installations or for protecting installed construction from adverse effects of high humidity. Select equipment that will not have a harmful effect on completed installations or elements being installed. Coordinate ventilation requirements to produce ambient condition required and minimize energy consumption.
- E. Electric Power Service: Provide electric power service and distribution system of sufficient size, capacity, and power characteristics required for construction operations and temporary quarters.
1. Install electric power service overhead, unless otherwise indicated.
 2. Provide separate meters for monitoring power for temporary living quarters and construction activities. The periodic electric utility service charges for the temporary power usage shall be billed to the Fire District for direct payment by the District.
 3. Retain subparagraph below if Owner is unwilling to permit use of building's existing electric service.
- F. Lighting: Provide temporary lighting with local switching that provides adequate illumination for construction operations, observations, inspections, and traffic conditions.
1. Install and operate temporary lighting that fulfills security and protection requirements without operating entire system.
- G. Telephone Service: Provide temporary telephone service in common-use facilities for use by all construction personnel. Install one telephone line for each field office
- H. Provide additional telephone lines for the following:
- a. Provide a dedicated telephone line for each facsimile machine and computer in each field office.
 2. At each telephone, post a list of important telephone numbers including police and Fire Departments, Contractor's home office, Architects office, Owner's office, Principal subcontractors' field and home offices.
 3. Provide superintendent with cellular telephone for use when away from field office.
- I. Electronic Communication Service: Provide temporary electronic communication service, including electronic e-mail and high-speed internet service in field office and temporary crew quarters.

3.3 SUPPORT FACILITIES INSTALLATION

- A. General: Comply with the following:
 - 1. Provide incombustible construction for offices, shops, and sheds located within construction area or within 30 feet of building lines. Comply with NFPA 241.
 - 2. Maintain support facilities until near Final Completion.
- B. Temporary Roads and Paved Areas: Construct and maintain temporary roads and paved areas adequate for construction operations. Locate temporary roads and paved areas in same location as permanent roads and paved areas. Extend temporary roads and paved areas, within construction limits indicated, as necessary for construction operations.
 - 1. Coordinate elevations of temporary roads and paved areas with permanent roads and paved areas.
 - 2. Prepare subgrade and install subbase and base for temporary roads and paved areas according to Division 31 Section "Earth Moving."
 - 3. Recondition base after temporary use, including removing contaminated material, regrading, proofrolling, compacting, and testing.
- C. Traffic Controls: Contractor to coordinate and comply with Snohomish County Standards (EDDS 9-05 Traffic Control). Contractor to provide (but not limited to) the following items: Traffic Control plan, schedule for lane closures, temporary traffic control signage, traffic control safety drums/cones.
- D. Parking: Provide temporary parking areas for construction personnel.
- E. Common-Use Field Office: Provide an insulated, weathertight, heated and air-conditioned field office for use as a common facility by all personnel engaged in construction activities; of sufficient size to accommodate required office personnel and meetings of 10 persons at Project site. Keep office clean and orderly.
 - 1. Furnish and equip offices as follows:
 - a. Desk and four chairs, four-drawer file cabinet, a plan table, a plan rack, and bookcase.
 - b. Provide a room of not less than 240 sq. ft. for Project meetings. Furnish room with conference table, 12 folding chairs, and 8 -foot tack board and 8-foot markerboard.
 - c. Provide multi-use copier/scanner capable of reproducing appropriately sized drawings needed for communications and implementation of the work.
 - 2. Provide an electric heater with thermostat capable of maintaining a uniform indoor temperature of 68 deg F.
 - 3. Provide an air-conditioning unit capable of maintaining an indoor temperature of 72 deg F.

4. Provide fluorescent light fixtures capable of maintaining average illumination of 20 fc at desk height. Provide 110-to 120-V duplex outlets spaced a not more than 12-foot intervals, 1 per wall in each room.
- F. Dewatering Facilities and Drains: Comply with requirements of authorities having jurisdiction. Maintain Project site, excavations, and construction free of water.
1. Comply with the requirements of specification section 15 7000 and NPDES Construction Storm Water General Permit.
 2. Dispose of rainwater in a lawful manner that will not result in flooding Project or adjoining properties nor endanger permanent Work or temporary facilities.
 3. Remove snow and ice as required to minimize accumulations.
- G. Project Identification and Temporary Signs: Provide Project identification and other signs as required by the Authorities Having Jurisdiction, or the Contract Documents. Install signs where indicated to inform public and individuals seeking entrance to Project. Unauthorized signs are not permitted.
1. Provide temporary, directional signs for construction personnel and visitors.
 2. Maintain and touchup signs so they are legible at all times.
- H. Lifts and Hoists: Provide facilities necessary for hoisting materials and personnel.
1. Truck cranes and similar devices used for hoisting materials are considered "tools and equipment" and not temporary facilities.
- I. Temporary Stairs: Provide temporary stairs where ladders are not adequate.

3.4 SECURITY AND PROTECTION FACILITIES INSTALLATION

- A. Environmental Protection: Provide protection, operate temporary facilities, and conduct construction in ways and by methods that comply with environmental regulations and that minimize possible air, waterway, and subsoil contamination or pollution or other undesirable effects.
- B. Cleaning-Up: During the Work: Contractor and each subcontractor will at all times shall keep premises free from accumulation of waste materials or rubbish caused by his operations on a daily basis. Just before completion of the work, Contractor and each subcontractor shall remove all tools, construction equipment, machinery, and surplus materials (not required to be turned over to the Owner). If contractor fails to enforce clean-up procedures, the Owner may do the clean-up and the cost therefore shall be charges to the Contractor as provided in the General conditions.
- C. Dust Control:

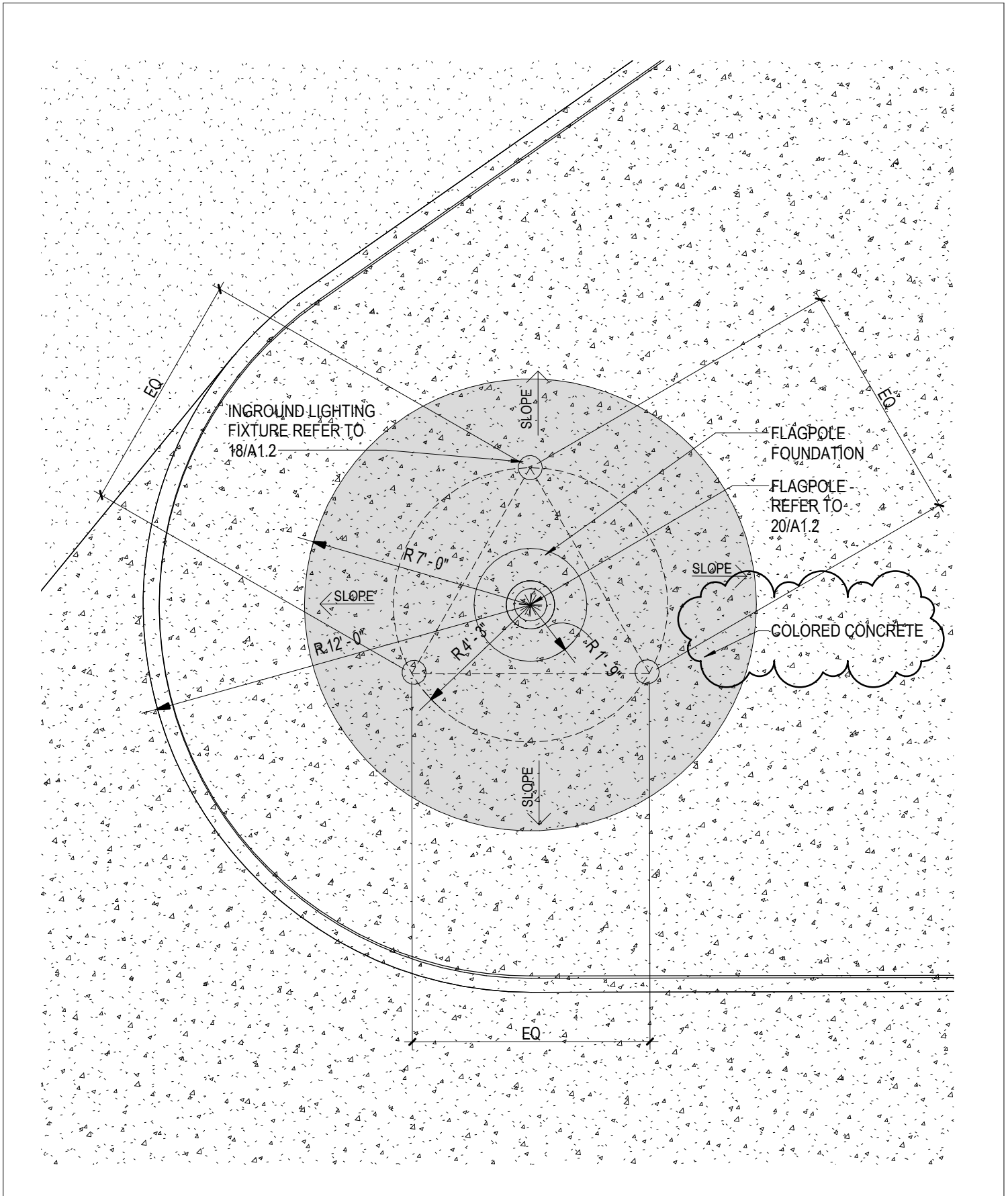
1. Provide positive methods and apply dust control materials to minimize raising dust from dispersing into the atmosphere.
 2. Provide positive methods for ventilation to prevent dust from dispersing and/or accumulating onto finished surfaces being installed.
- D. Temporary Erosion and Sedimentation Control: Provide measures to prevent soil erosion and discharge of soil-bearing water runoff and airborne dust to adjacent properties and walkways, according to requirements of authorities having jurisdiction, and specification Section 01 57 13.
- E. Stormwater Control: Comply with authorities having jurisdiction. Provide barriers in and around excavations and subgrade construction to prevent flooding by runoff of stormwater from heavy rains.
- F. Site Enclosure Fence: Before construction operations begin, inspect site enclosure fence to assure that it will prevent people and animals from easily entering site except by entrance gates.
1. Extent of Fence: As required to enclose entire Project site or portion determined sufficient to accommodate construction operations and protection.
 - a. Refer to Section 01 5639 "Temporary tree and plant protection" for additional requirements.
 2. Maintain security by limiting number of keys and restricting distribution to authorized personnel. Provide Owner with one set of keys.
- G. Barricades, Warning Signs, and Lights: Comply with requirements of authorities having jurisdiction for erecting structurally adequate barricades, including warning signs and lighting.
- H. Temporary Enclosures: Provide temporary enclosures for protection of construction, in progress and completed, from exposure, foul weather, other construction operations, and similar activities. Provide temporary weathertight enclosure for building exterior.
1. Where heating or cooling is needed and permanent enclosure is not complete, insulate temporary enclosures.
- I. Temporary Fire Protection: Install and maintain temporary fire-protection facilities of types needed to protect against reasonably predictable and controllable fire losses. Comply with NFPA 241.
1. Prohibit smoking in construction areas and on Project Site.
 2. Supervise welding operations, combustion-type temporary heating units, and similar sources of fire ignition according to requirements of authorities having jurisdiction.
 3. Develop and supervise an overall fire-prevention and -protection program for personnel at Project site. Review needs with local fire department and establish procedures to be followed. Instruct personnel in methods and procedures. Post warnings and information.

4. Provide temporary standpipes and hoses for fire protection. Hang hoses with a warning sign stating that hoses are for fire-protection purposes only and are not to be removed. Match hose size with outlet size and equip with suitable nozzles.
5. Provide temporary fire extinguishers through-out Project Site.

3.5 OPERATION, TERMINATION, AND REMOVAL

- A. Supervision: Enforce strict discipline in use of temporary facilities. To minimize waste and abuse, limit availability of temporary facilities to essential and intended uses.
- B. Maintenance: Maintain facilities in good operating condition until removal.
 1. Maintain operation of temporary enclosures, heating, cooling, humidity control, ventilation, and similar facilities on a 24-hour basis where required to achieve indicated results and to avoid possibility of damage.
- C. Temporary Facility Changeover: Do not change over from using temporary security and protection facilities to permanent facilities until Final Completion and occupancy by AHJ has been achieved.
- D. Termination and Removal: Remove each temporary facility when need for its service has ended, when it has been replaced by authorized use of a permanent facility, or no later than Final Completion. Complete or, if necessary, restore permanent construction that may have been delayed because of interference with temporary facility. Repair damaged Work, clean exposed surfaces, and replace construction that cannot be satisfactorily repaired.
 1. Materials and facilities that constitute temporary facilities are property of Contractor. Owner reserves right to take possession of Project identification signs.
 2. At Final Completion, clean and renovate permanent facilities used during construction period. Comply with final cleaning requirements specified in Division 01 Section "Closeout Procedures."

END OF SECTION 01 5000



REVISED FLAGPOLE ENLARGED PLAN

NEW FIRE STATION NO. 50

SCALE:
1/4" = 1'-0"

DATE:
04/05/22

PROJECT NO:
17-44

REFERENCE NUMBER:
ADD3/ ASK1

REFERENCE SHEET:
16/A1.2