1. **GENERAL**
   1. **SUMMARY**
      1. Provisions of Division 01 apply to this section.
      2. Section Includes:
         1. Fire extinguishers and cabinets.
      3. Related Sections:
         1. Section 04 22 20: Concrete Unit Masonry.
         2. Section 06 10 00: Rough Carpentry.
         3. Section 09 25 00: Gypsum Board.
   2. **SUBMITTALS**
      1. Shop Drawings: Indicate materials, sizes, anchorage, and installation details.
      2. Product Data: Submit manufacturer's product literature, indicating product characteristics.
      3. Material Samples: Submit manufacturer's standard cabinet color Samples for selection by Architect.
   3. **QUALITY ASSURANCE**
      1. Installer shall be manufacturer trained and certified to install the Work of this section.
   4. **DELIVERY, STORAGE AND HANDLING**
      1. Deliver products in manufacturer's wrapping to protect items.
      2. Store items in a dry, enclosed area.
2. **PRODUCTS**
   1. **FIRE EXTINGUISHERS AND CABINETS**
      1. Location: Fire extinguisher cabinets and fire extinguishers shall be installed where indicated on Drawings or as required by authorities having jurisdiction.
      2. Manufacturer:
         1. Fire extinguisher cabinets shall be manufactured by one of the following:
            1. J. L. Industries
            2. Or Equal
         2. Fire extinguisher Manufacturer:
            1. Amerex Corporation B500
            2. Or equal
      3. Fire Extinguisher Type: Provide a legally/code compliant and appropriate rechargeable fire extinguisher for every fire extinguisher cabinet or hook, and as otherwise indicated.

Classrooms, Corridors, Administration and Special Use Rooms [Cabinet mounted]:

* + - 1. Type ABC multi-purpose dry chemical with UL rating 2A:10B:C, 5 lb. size, also with red glossy polyester coated steel cylinder, pressure gauge, hose and horn. Maximum Height: 15 ¼”. Maximum Cylinder Diameter: 4 ½”.

Underground Parking Structures [Cabinet mounted]:

* + - 1. Type ABC multi-purpose dry chemical with UL rating 4A:80B:C, 10 lb. size, with red glossy polyester coated steel cylinder, pressure gauge, hose and horn. Maximum Height: 20”. Maximum Cylinder Diameter: 5”.

Kitchens [No Cabinet]:

* + - 1. Amerex Type K Class B260, UL rating 2A:K, 6 liter stainless steel shell. Maximum Height: 19”. Maximum Cylinder Diameter: 9”.

Computer Rooms:

Amerex Model B270-1.75gal.

* + 1. Fire Extinguisher Requirements:
       1. Design Specification:
          1. Finish: Corrosion and impact resistant red epoxy.
          2. Valve Stem Assembly: Metal, reusable, connects to cylinder by threaded pipefitting, aluminum or steel siphon tube, and shatter resistant plastic face gauge.
          3. Gauge to Indicate: “Recharge,” “fully charged (195 PSI dry chemical),(100 PSI wet chem)” and “over charge.”
          4. Pull Pin: Metal, reusable and securely fastened to unit with metal, aluminum chain or very heavy plastic line approximately 4 ½” long.
          5. Mechanical Operation: Pistol grip, heavy duty metal handle (plastic not permitted), and shall be operated by a grip and squeeze lever.
       2. Manufacturer Identification/Information: Manufacturer’s name, date manufactured, model number, U.L. approval seal and/or number, contents operating instructions, etc. shall be identified on the Fire Extinguisher.
       3. Warning and First Aid Label: Fire extinguisher must indicate all standard warnings concerning breathing, eyes, skin and ingestion. Provide emergency and first aid procedures.
       4. Property Identification: Label affixed at front of unit, size 2” x 4”, shall read “PROPERTY OF FONTANA UNIFIED SCHOOL DISTRICT”.
       5. Repair Parts: The manufacturer and/or their representative shall maintain within the Southern California Area an adequate stock of replacement parts, available for immediate delivery.
       6. Warranty:
          1. Manufacturer shall provide a 5 year material warranty.
          2. Installer shall provide a 5 year labor warranty.
       7. Material Safety Data Sheet: Provide an MSDS sheet with every shipment as set forth in the California Labor Code, Section 6390.
       8. Cabinet Types:

**a.** Recessed stainless steel cabinet, flat edge trim and bubble door located in Kitchen areas only.

**b.** Semi-recessed painted steel cabinet, rolled edge return trim and wire glass door, located at framed walls.

**c.** Surface mounted painted steel cabinet, recessed pull, rolled edge return trim and wire glass door, located at masonry wall applications.

Type 1 Cabinet

**a.** Series/Model Number: Clear Vu 2535-F25.

**b.** Door Style; Clear Bubble.

**c.** Glazing: Clear Acrylic, with FE letters, red.

**d.** Finish/Color: Stainless Steel.

Type 2 Cabinet

**a.** Model Number: Ambassador # 1817-F13.

**b.** Door Style; Full glass

**c.** Glazing: Clear wire glass, with FE letters, red.

**d.** Finish/Color: White Color Epoxy Coated tub and frame.

Type 3 Cabinet-for use in fire rated walls

**a.** Model Number; Ambassador # 1812-F13 FX, with ADAC recessed pull.

**b.** Door Style: Full glass

**c.** Glazing: Clear wire glass, with FE letters, red.

**d.** Finish/Color; White Color Epoxy Coated tub and frame.

1. **EXECUTION**
   1. **INSTALLATION**
      1. Installation shall be in accordance with manufacturer’s recommendations.
      2. Cabinets shall be installed plumb and level, where indicated on Drawings, at heights required by authorities having jurisdiction.
   2. **PROTECTION**
      1. Protect the Work of this section until Substantial Completion.
   3. **CLEANUP**
      1. Remove rubbish, debris, and waste materials and legally dispose of off the Project site.

**END OF SECTION**