

SECTION 01010 – SUMMARY OF WORK

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and General Provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

A. The Project consists of general construction (first floor build-out) of the existing Msgr. John N. Phuc Education Center, sidewalk and parking lot. A covered arcade and bus drop-off is an Add Alternate No. 1, change parking lot surfacing material from asphalt to concrete as Add Alternate No. 2 and add a new toilet room in the existing Teacher's Lounge 201 as Add Alternate No. 3.

B. Contract Documents, dated September 11, 2009, were prepared for the Project by Campo Designs – Architects, 105 Ducayet Drive, Destrehan, LA 70047, Architect's Project No. CD 1705.

C. The Project consists of finish-out of (7) new classrooms, new office suite, teacher's lounge, new toilet room, a hydraulic elevator (shaft existing) and related support rooms.

The Work consists of the following:

1. The Work includes prepping existing site for work which includes relocation of existing crushed stone in parking area to prep for new paved parking.
2. The Work includes water, electrical, sewage, telephone service, PA system connections, computer wiring conduit and sub-surface drainage.
3. The Work includes a new asphalt driveway and parking areas. Add Alt. 2 changes the asphalt material to concrete as shown on civil sheets.
4. The Work includes normal concrete foundation work for covered walkway and bus drop-off including grade beams, steel frame members with CMU bearing walls. (Alt. No. 1). Covered walkway and bus drop-off shall be complete with an exterior stucco wall system as shown, arched framing system, window and arched openings, waterproofing. First Floor finish-out includes some demising walls, doors, some hollow metal frames, hardware, exterior and interior finishing including casework and countertops, painting, ceilings and resilient (VCT) flooring. The Work includes installing a new hydraulic elevator within the existing elevator shaft, pit and equipment room.

5. The Work also includes certain items of equipment, including plumbing, heating-ventilating-air-conditioning, electrical systems, and lighting. Specialties include a specialty sign at parking lot, some toilet accessories, and casework and fixtures.

6. The Work includes construction of a new toilet room in the existing second floor teacher's lounge as Add Alt. No. 3. All new plumbing and fixtures, walls and VCT flooring system shall be included.

D. The Work will be constructed under a single prime contract.

CONTRACTOR USE OF PREMISES:

General: During the entire construction period the Contractor shall have the use of specified areas of the premises for construction operations, but coordination with the school officials and Parish Administrator on existing building areas, limited as indicated on the drawings. A construction fence shall be maintained throughout the project. Maintaining emergency exits, including stairwell shall also be required during the construction period. Second floor will be in use during construction.

General: The work of this contract includes coordination of the entire work of the project, including preparation of general coordination drawings, diagrams and schedules, and control of site utilization, from beginning of construction activity through project close-out and warranty periods.

MISCELLANEOUS PROVISIONS:

General: Except as otherwise indicated, comply with applicable requirements of Division-15 sections for mechanical provisions within units of general (Division 2-14) Work. Except as otherwise indicated, comply with applicable requirements of Division-16 sections for electrical provisions within units of general (Division 2-14) Work.

Service Connections: Refer to Division-15 and Division-16 sections for the characteristics of the mechanical and electrical services to be connected to units of general work. Provide units manufactured or fabricated for proper connection to and utilization of available services, as indicated. Except as otherwise indicated, final connection of mechanical services to general work is defined as being mechanical work, and final connection of electrical services to general work is defined as electrical work.

Electrical Requirements: Except as otherwise indicated, comply with applicable provisions of The National Electrical Code (NEC) and standards by The National Electrical Manufacturer's Association (NEMA), for electrical components of general work. Provide Underwriters Laboratories listed and labeled products where applicable.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 - EXECUTION

Not applicable to this Section.

END OF SECTION 01010



3.1 SCHEDULE OF ALLOWANCES AND UNIT COST

A. Allowance No. 1: Include the sum of (\$12,400.), exclusive of tax, for the purchase only of Finish Hardware as specified in Division 8 Section 08710 "Finish Hardware."

B. Unit Cost No. 1: Provide unit cost (on bid form) for clay tile roofing (material only, tile and cap pieces), if quantities above Owner provided material are exceeded.

END OF SECTION 01020



SECTION 01030 – ALTERNATES

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and General Provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this section.

1.2 SUMMARY

A. This Section includes administrative and procedural requirements governing Alternates.

1.3 DEFINITIONS

A. Definition: An alternate is an amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that is added to the Base Bid amount if the Owner decides to accept a corresponding change in either the amount of construction to be completed, or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

1. The cost for Alternates No. 1, 2 and 3 is the net addition to the Contract Sum to incorporate the Alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

A. Coordination: Modify or adjust affected adjacent Work as necessary to completely and fully integrate that Work into the Project.

1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not mentioned as part of the Alternate.

B. Notification: Immediately following the award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate whether alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.

C. Execute accepted alternates under the same conditions as other Work of this Contract.

D. Schedule: A "Schedule of Alternates" is included at the end of this Section. Specification Sections referenced in the Schedule contain requirements for materials necessary to achieve the Work described under each alternate.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

A. Alternate No. 1: Add the structural components for the arcade canopy and bus drop-off. This includes CMU, steel and metal framing, stucco finish, structure above the slab, roofing, lighting and all specified items to complete these areas shown on plans.

1. Foundation structure shall remain as part of the base bid as shown on the structural plans.

B. Alternate No. 2: Add concrete, reinforcing steel and expansion joints as designed in lieu of asphalt as the surfacing material. Install concrete as parking lot surfacing (incorporating the edging and border concrete in Base Bid).

C. Alternate No. 3: Add, in its entirety, a new toilet room in the existing teacher's lounge (201) including plumbing, plumbing fixtures, exhaust fan, door and frame, hardware, shelving, light fixture and ceilings. Adjust VCT flooring as required, install new wall base.

END OF SECTION 01030

SECTION 01040 - COORDINATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and supervisory requirements necessary for coordinating construction operations including, but not necessarily limited to, the following:
 - 1. General project coordination procedures.
 - 2. Administrative and supervisory personnel.
 - 3. Cleaning and protection.
- B. Related Sections: The following Sections contain requirements that relate to this Section:
 - 1. Division 1 Section "Field Engineering" specifies procedures for field engineering services, including establishment of benchmarks and control points.
 - 2. Division 1 Section "Project Meetings" for progress meetings, coordination meetings, and preinstallation conferences.
 - 3. Division 1 Section "Submittals" for preparing and submitting the Contractor's Construction Schedule.
 - 4. Division 1 Section "Materials and Equipment" for coordinating general installation.
 - 5. Supplemental Conditions for "Contract Closeout" for coordinating contract closeout.

1.3 COORDINATION

- A. Coordinate construction operations included in various Sections of these Specifications to assure efficient and orderly installation of each part of the Work. Coordinate construction operations included under different Sections that depend on each other for proper installation, connection, and operation.
 - 1. Schedule construction operations in the sequence required to obtain the best results where installation of one part of the Work depends on installation of other components, before or after its own installation.

2. Coordinate installation of different components to assure maximum accessibility for required maintenance, service, and repair.
 3. Make provisions to accommodate items scheduled for later installation.
- B. Where necessary, prepare memoranda for distribution to each party involved, outlining special procedures required for coordination. Include such items as required notices, reports, and attendance at meetings.
1. Prepare similar memoranda for the Owner and separate contractors where coordination of their work is required.
- C. Administrative Procedures: Coordinate scheduling and timing of required administrative procedures with other construction activities to avoid conflicts and assure orderly progress of the Work. Such administrative activities include, but are not limited to, the following:
1. Preparation of schedules.
 2. Installation and removal of temporary facilities.
 3. Delivery and processing of submittals.
 4. Progress meetings.
 5. Project closeout activities.

1.4 SUBMITTALS

- A. Coordination Drawings: Prepare coordination drawings where careful coordination is needed for installation of products and materials fabricated by separate entities. Prepare coordination drawings where limited space availability necessitates maximum utilization of space for efficient installation of different components.
1. Show the relationship of components shown on separate Shop Drawings.
 2. Indicate required installation sequences.
 3. Comply with requirements contained in Section "Submittals."
- B. Staff Names: Within 15 days of commencement of construction operations, submit a list of the Contractor's principal staff assignments, including the superintendent and other personnel in attendance at the Project Site. Identify individuals and their duties and responsibilities. List their addresses and telephone numbers.
1. Post copies of the list in the the temporary field office, and each cell phone number.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION

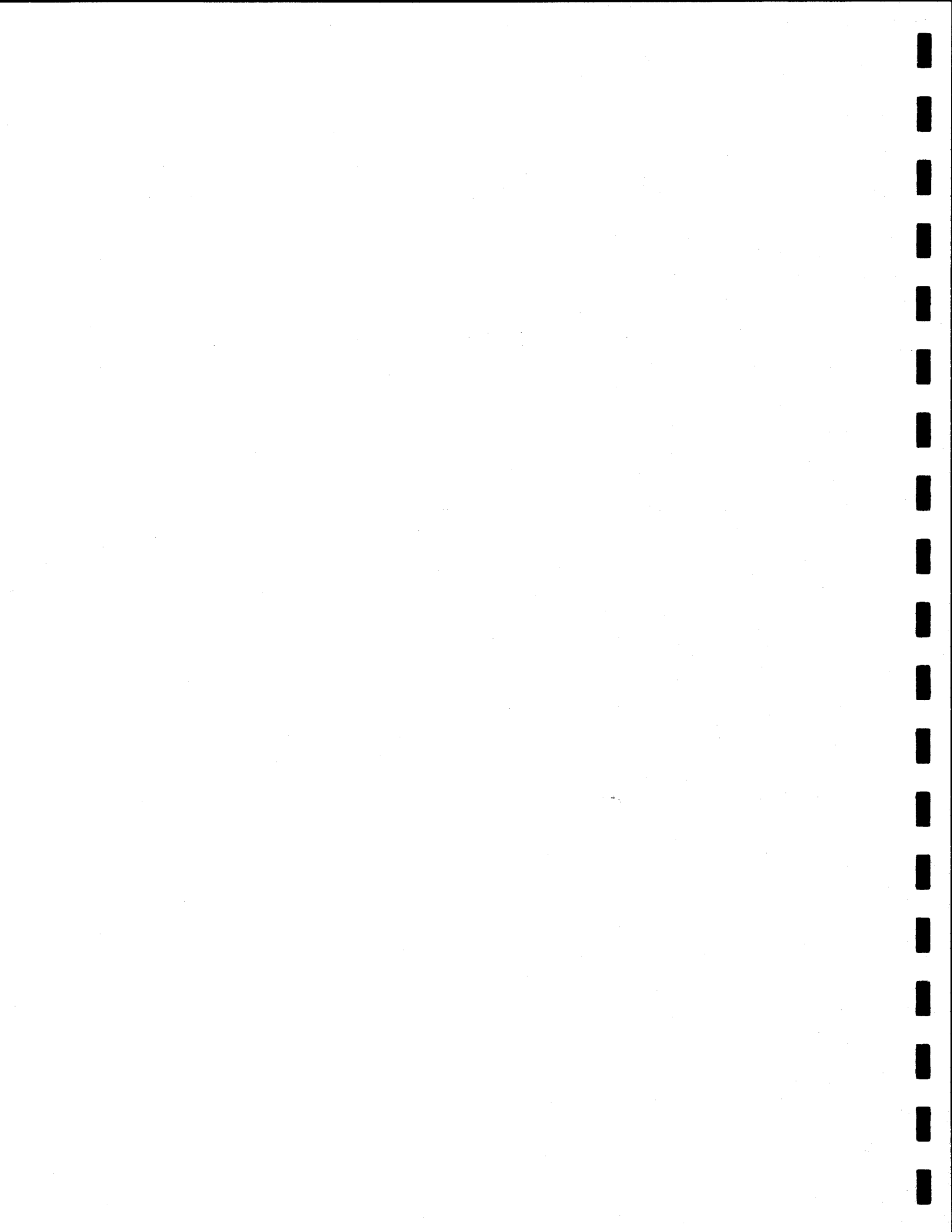
3.1 GENERAL COORDINATION PROVISIONS

- A. **Inspection of Conditions:** Require the Installer of each major component to inspect both the substrate and conditions under which Work is to be performed. Do not proceed until unsatisfactory conditions have been corrected in an acceptable manner.
- B. Coordinate temporary enclosures with required inspections and tests to minimize the necessity of uncovering completed construction for that purpose.

3.2 CLEANING AND PROTECTION

- A. Clean and protect construction in progress and adjoining materials in place, during handling and installation. Apply protective covering where required to assure protection from damage or deterioration at Substantial Completion.
- B. Clean and provide maintenance on completed construction as frequently as necessary through the remainder of the construction period. Adjust and lubricate operable components to assure operability without damaging effects.
- C. **Limiting Exposures:** Supervise construction operations to assure that no part of the construction, completed or in progress, is subject to harmful, dangerous, damaging, or otherwise deleterious exposure during the construction period. Where applicable, such exposures include, but are not limited to, the following:
 - 1. Excessively high or low temperatures.
 - 2. Thermal shock.
 - 3. Excessively high or low humidity.
 - 4. Air contamination or pollution.
 - 5. Water or ice.
 - 6. Abrasion.
 - 7. Heavy traffic.
 - 8. Soiling, staining, and corrosion.
 - 9. Rodent and insect infestation.
 - 10. Electrical current.
 - 11. Improper lubrication.
 - 12. Contact between incompatible materials.
 - 13. Improper shipping or handling.
 - 14. Theft.
 - 15. Vandalism.

END OF SECTION 01040



SECTION 01045 - CUTTING AND PATCHING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for cutting and patching.
- B. Related Sections: The following Sections contain requirements that relate to this Section:
 - 1. Division 1 Section "Coordination" for procedures for coordinating cutting and patching with other construction activities.
 - 2. Division 2 Section "Selective Demolition" for demolition of selected portions of the building for alterations.
 - 3. Refer to other Sections for specific requirements and limitations applicable to cutting and patching individual parts of the Work.
 - a. Requirements of this Section apply to mechanical and electrical installations. Refer to Division 15 Sections for other requirements and limitations applicable to cutting and patching mechanical and electrical installations.

1.3 SUBMITTALS

- A. Cutting and Patching Proposal: Submit a proposal describing procedures well in advance of the time cutting and patching will be performed if the Owner requires approval of these procedures before proceeding. Request approval to proceed. Include the following information, as applicable, in the proposal:
 - 1. Describe the extent of cutting and patching required. Show how it will be performed and indicate why it cannot be avoided.
 - 2. Describe anticipated results in terms of changes to existing construction. Include changes to structural elements and operating components as well as changes in the building's appearance and other significant visual elements.
 - 3. List products to be used and firms or entities that will perform Work.
 - 4. Indicate dates when cutting and patching will be performed.

5. **Utilities:** List utilities that cutting and patching procedures will disturb or affect. List utilities that will be relocated and those that will be temporarily out-of-service. Indicate how long service will be disrupted.
6. Where cutting and patching involves adding reinforcement to structural elements, submit details and engineering calculations showing integration of reinforcement with the original structure.
7. Approval by the Architect to proceed with cutting and patching does not waive the Architect's right to later require complete removal and replacement of unsatisfactory work.

1.4 QUALITY ASSURANCE

- A. Requirements for Structural Work:** Do not cut and patch structural elements in a manner that would change their load-carrying capacity or load-deflection ratio.
1. Obtain approval of the cutting and patching proposal before cutting and patching the following structural elements:
 - a. Foundation construction.
 - b. Structural concrete.
 - c. Structural steel.
 - d. Lintels.
 - e. Structural decking.
 - f. Miscellaneous structural metals.
 - g. Equipment supports.
 - h. Piping, ductwork, vessels, and equipment.
- B. Operational Limitations:** Do not cut and patch operating elements or related components in a manner that would result in reducing their capacity to perform as intended. Do not cut and patch operating elements or related components in a manner that would result in increased maintenance or decreased operational life or safety.
1. Obtain approval of the cutting and patching proposal before cutting and patching the following operating elements or safety related systems:
 - a. Primary operational systems and equipment.
 - b. Fire protection systems.
 - c. Control systems.
 - d. Communication systems.
 - e. Conveying systems.
 - f. Electrical wiring systems.
 - g. Operating systems of special construction in Division 13 Sections.