

**SECTION 01 10 00
MULTIPLE CONTRACT SUMMARY**

PART 1 – GENERAL

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

1.02 WORK COVERED BY CONTRACT DOCUMENTS

- A. Project Identification: Project consists of the construction of Alterations to Port Jervis Middle School / High School and Play Fields
1. Project Location:
- i. Port Jervis Middle School / High School (formerly Port Jervis High School / Anna S. Kuhl Elementary School)
10 Route 209
Port Jervis, NY 12771
2. Owner:
- i. Port Jervis City School District
150 Pike Street
Port Jervis, NY 12771
- B. The Contract Documents, dated (10/06/2023) were prepared by:
BCA Architects & Engineers
798 Cascadilla Street
Suite C
Ithaca, NY 14850
- C. Construction Manager: Savin Engineers, P.C., 3 Campus Drive, Pleasantville, New York, 10570, has been engaged as Construction Manager for this Project to serve as an advisor to the Owner and to aid in administering the Contract for Construction between the Owner and each Contractor, according to a separate contract between the Owner and Construction Manager.
- D. The Work consists of the following:
1. The Work includes alterations to the existing Port Jervis High School / Middle School (formerly Port Jervis High School / Anna S. Kuhl Elementary School) to facilitate the conversion of the Elementary School to a Middle School (interior work). In addition, the existing play fields and courts on the west side of the building complex are being demolished and reconstructed in entirety (site work), including the relocation of existing underground utilities.
- i. "Interior work" shall include any building envelope (roofing, windows, exterior doors, etc.) work ancillary to interior renovations.
 - ii. "Site work" includes any necessary utility relocation work by the Electrical Contractor or Plumbing Contractor to facilitate reconstruction work at the play fields.
2. All materials, assemblies, forms and methods of construction and service equipment shall comply with the requirements of the latest edition of the New York State Building Code.

1.03 DRAWINGS INCLUDED IN CONTRACT DOCUMENTS

- A. Refer to List of Drawings located on Title Sheet of the Drawings.

1.04 CONTRACT

- A. The owner will award the following Construction Prime Contracts for the Project in order to complete all work as indicated and specified (**confirm contract numbers**):
- **Contract No. 1: General Construction**
 - **Contract No. 2: Mechanical Construction**
 - **Contract No. 3: Plumbing Construction**
 - **Contract No. 4: Electrical Construction**
 - **Contract No. 5: Site Construction**
 - **Contract No. 7: Food Service**
- B. In each case, the Contractors agree to accept the site, as it exists and to remove any encumbrances, which interfere with proper fulfillment of the Work, without change in the Contract Sum.
- C. Accommodate the Owner's intention to continue occupancy of the existing building and to conduct normal school operations during the time of construction of the work.
1. Cooperate with the Owner's personnel in maintaining and facilitating access to the school building and its facilities by school personnel, school staff, and the public, while construction is still in progress.
 2. Emergency access at driveways and building entrances: Keep driveways and entrances serving the occupied school building clear and available to the Owner, the Owner's employees, and the public, and to emergency vehicles always. Do not obstruct access to these areas or use such areas for parking, construction equipment or storage of materials.
 3. Schedule construction operations to minimize conflicts with and interruptions to daily school function. Coordinate necessary interruptions with Owner's personnel.
 4. The existing building must always remain operational; therefore, the Contractors are responsible to maintain all systems such as, but not limited to, fire alarm, video surveillance, security, clocks, public address system, electric, gas services, heat, etc.
- D. Each Prime Contractor and their subcontractors shall cooperate with separate Contractors for any separate Contracts that the Owner may award. The Contractors are advised that the Owner will award additional contracts for work to be performed concurrent with the work identified in these documents.

1.05 MULTIPLE PRIME CONTRACTS

- A. The Project will be constructed under a multiple prime-contracting agreement. Prime Contracts are separate contracts between the Owner and separate contractors, representing significant construction activities. Each prime contract is performed concurrently with and closely coordinated with construction activities performed on the Project under other prime contracts. Prime Contracts for this Project include:
- **Contract No. 1: General Construction**
 - **Contract No. 2: Mechanical Construction**
 - **Contract No. 3: Plumbing Construction**
 - **Contract No. 4: Electrical Construction**

- **Contract No. 5: Site Construction**
- **Contract No. 7: Food Service**

B. Contract Documents indicate the work of each prime Contract and related requirements and conditions that have an impact on the project. Related requirements and conditions that are indicated on the Contract Documents include, but are not necessarily limited to, the following:

1. Phasing
2. Existing site conditions
3. Alternates
4. Allowances
5. Cutting and Finish Patching
6. Miscellaneous Steel associated with each prime contract
7. Firestopping
8. Final Cleanup (All Contracts are responsible for their own final cleanup.)

C. Prime Contract Work: Each Prime Contract can be summarized as follows:

1. The **Contract for General Construction (GC)** includes Architectural, Civil and Structural work, plus other construction operations traditionally recognized as General Construction. The GC is responsible for coordinating the other prime contractors and preparing the master construction schedule **for interior work**, utilizing information provided by the other prime contractors. It also includes administrative and coordination responsibilities. Work under this prime Contract includes, but is not limited to, the following specification sections:

DIVISION 00 & 01 GENERAL REQUIREMENTS

All Division 00 & 01 specifications and requirements.

DIVISION 02	EXISTING CONDITIONS
	All sections.
DIVISION 03	CONCRETE
	All sections with respect to interior work.
DIVISION 04	MASONRY
	All sections.
DIVISION 05	METALS
	All sections with respect to interior work.
DIVISION 06	WOOD AND PLASTICS
	All sections.
DIVISION 07	THERMAL AND MOISTURE PROTECTION
	All sections.
DIVISION 08	OPENINGS
	All sections.
DIVISION 09	FINISHES
	All sections.
DIVISION 10	SPECIALTIES
	All sections.
DIVISION 11	EQUIPMENT
11 3013	Residential Appliances
DIVISION 12	FURNISHINGS
	All sections.

2. The **Contract for Mechanical Construction (MC)** includes heating, ventilation, and air conditioning equipment and controls and the temperature control systems. The MC is responsible for coordinating with the other prime contractors and for administrative responsibilities. Work under this prime Contract includes, but is not limited to, the following specification sections:

DIVISION 00 & 01 GENERAL REQUIREMENTS

All Division 00 & 01 specifications and requirements.

DIVISION 02	EXISTING CONDITIONS
	All sections with respect to Mechanical work.
DIVISION 07	THERMAL AND MOISTURE PROTECTION
	All sections with respect to Mechanical work.
DIVISION 11	EQUIPMENT
	HVAC installation of equipment provided by other Prime Contractors.
DIVISION 23	HEATING, VENTILATING AND AIR CONDITIONING
	All sections.

3. The **Contract for Plumbing Construction (PC)** includes plumbing equipment, accessories and domestic, hot water and waste piping systems. The PC is responsible for coordinating with the other prime contractors and for administrative responsibilities. Work under this prime Contract includes, but is not limited to, the following specification sections:

DIVISION 00 & 01 GENERAL REQUIREMENTS

All Division 00 & 01 specifications and requirements.

DIVISION 02	EXISTING CONDITIONS
	All sections with respect to Plumbing work.
DIVISION 07	THERMAL AND MOISTURE PROTECTION
	All sections with respect to Plumbing work.
DIVISION 11	EQUIPMENT
	Plumbing installation of equipment provided by other Prime Contractors.
DIVISION 22	PLUMBING
	All sections.
DIVISION 33	UTILITIES
33 0110.58	Disinfection of Water Utility Piping Systems
33 1416	Site Water Utility Distribution Piping

4. The **Contract for Electrical Construction (EC)** includes electric power distribution, lighting and telecommunication and other low voltage systems. The EC is responsible for coordinating with the other prime contractors and for administrative responsibilities. Work under this prime Contract includes, but is not limited to, the following specification sections:

DIVISION 00 & 01 GENERAL REQUIREMENTS

All Division 00 & 01 specifications and requirements.

DIVISION 02	EXISTING CONDITIONS
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	All sections with respect to Electrical work.
DIVISION 07	THERMAL AND MOISTURE PROTECTION
	All sections with respect to Electrical work.
DIVISION 11	EQUIPMENT
	Electrical installation of equipment provided by other Prime Contractors.
DIVISION 26	ELECTRICAL
	All sections.
DIVISION 27	COMMUNICATIONS
	All sections.
DIVISION 28	ELECTRONIC SAFETY AND SECURITY
	All sections.

5. The **Contract for Site Construction (SC)** includes demolition of existing fields, courts and associated construction on the west side of the building complex and construction of new play fields and courts and associated construction. The SC is responsible for coordinating with the other prime contractors, notably the EC and PC for demolition/relocation of existing utilities and installation of new utilities, and for administrative responsibilities. Work under this prime Contract includes, but is not limited to, the following specification sections:

DIVISION 02	EXISTING CONDITIONS
	All sections with respect to Site work.
DIVISION 03	CONCRETE
	All sections with respect to Site work.
DIVISION 04	MASONRY
	All sections with respect to Site work.
DIVISION 05	METALS
	All sections with respect to Site work.
DIVISION 06	WOOD, PLASTICS & COMPOSITES
	All sections with respect to Site work.
DIVISION 07	THERMAL AND MOISTURE PROTECTION
	All sections with respect to Site work.
DIVISION 08	OPENINGS
	All sections with respect to Site work.
DIVISION 09	FINISHES
	All sections with respect to Site work.
DIVISION 31	EARTHWORK
	All sections.
DIVISION 32	EXTERIOR IMPROVEMENTS
	All sections.
DIVISION 33	UTILITIES
33 4000	Storm Drainage Utilities

6. The **Contract for Food Service Equipment (FS)** includes providing and installing food service equipment for the new Middle School Cafeteria. The FS is responsible for coordinating with the other prime contractors and for administrative responsibilities. Work under this prime Contract includes, but is not limited to, the following specification sections:

DIVISION 02	EXISTING CONDITIONS
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	All sections with respect to Food Service Equipment.
DIVISION 07	THERMAL AND MOISTURE PROTECTION
	All sections with respect to Food Service Equipment.
DIVISION 11	EQUIPMENT
11 4000	Food Service Equipment

7. Definition of extent of Prime Contract work: The Contract Documents indicate the extent of each prime contract. Except where the Contract Documents contain a more specific description, general names and terminology on the Drawings and in the Specification Sections determine which prime contract includes a specific element of the Project.
8. Local customs and trade union jurisdictional settlements do not control the Scope of Work included in each prime contract. When a potential jurisdictional dispute or similar interruption of work is first identified or threatened, the affected prime contracts shall promptly negotiate a reasonable settlement to avoid or minimize the pending interruption and delays.
9. If it becomes necessary to refer to the contract documents to determine which prime Contract includes a specific element of required work, begin by referring to the Prime Contracts, themselves; then, if a determination cannot be made from the Prime Contracts, refer, in the following order, to the Supplementary Conditions, this section of the Specifications, followed by the other Division-1 sections and finally with the Drawings and other Sections of the Specifications.
10. If, after referring to the contract documents, it cannot be clearly determined which Prime Contractor will perform a specific item of required work, then that item of work will be included as a part of the prime Contract for General Construction Work (GC).
11. Summary of Reference: Work of the Prime Contracts can be summarized by reference to the Prime Contracts, General Conditions, Supplementary Conditions, and Instructions to Modifications to the Contract Document issued after the initial printing of the Project Manual and referenced by any of these. It is recognized that the work of the Prime Contracts is unavoidably affected or influenced by governing regulations, natural phenomenon, including weather conditions, and other forces outside the contract documents.

1.06 MISCELLANEOUS

- A. The following additional requirements for the Contractor for **Contract 1 General Construction (GC)** include, but are not limited to, the following:
 1. Temporary site protection and fencing **at staging areas utilized for interior work**. Remove temporary site protection and fencing at conclusion of project and restore grass, asphalt, concrete, and existing fixtures as required and as directed by Owner and CM. Coordinate with the SC and CM for a logical delineation of staging areas for interior and site work. See Specification Section 01 50 00.
 2. All blocking in walls for use by other trades. Other trades shall identify the locations of required blocking.
 3. Blocking where necessary for installation of work by the GC.
 4. Finish patching associated with this Contract, including where other Contractors have performed rough patching in areas scheduled to receive finishes by the GC. Other Contractors are responsible for their own cutting and patching in areas where GC is not responsible for finishes. See also

Subparagraph 17 below.

5. Furnish all waste containers **for interior work** for use by GC/MC/PC/EC/FS. Coordinate with other Contractors regarding their anticipated needs for waste containers. Containers to be located as directed by Owner and CM. Restore grass, asphalt, concrete, and existing fixtures as required and as directed by Owner and CM following removal of last container.
6. Install access panels/doors supplied by other trades.
7. Floor leveling in new construction is the responsibility of this Contract.
8. Fire Protection specialties, including fire extinguishers and cases.
9. Install sleeves, curbs, rails, and other materials provided by other Contracts. Includes providing and installing all necessary wood blocking. Coordinate location of material installation with other Contractors.
10. Provide roof deck penetrations, roof cutting, patching, and flashing as required for installation of rooftop equipment curbs, pipe portals, and rails provided by the MC, or for any necessary vent pipe installation by the PC, or for any necessary pitch pockets at electrical penetrations by the EC. GC is responsible for maintaining existing roof warranties.
11. Protection of work after installation.
12. Firestopping at any existing floor/wall/deck penetrations created by the GC and at all roof deck penetrations.
13. Interior floor, wall, and ceiling expansion joints as per the Contract Documents.
14. Prepare Master Construction Schedule incorporating the other Prime Contract schedules/durations **for interior work** with the General Construction schedule and provide an update to the construction schedule on a monthly/weekly basis for the duration of the project. See Subparagraph 1.07 of this Section.
15. The GC is responsible for furnishing and installation of all architectural casework/millwork/woodwork shown in the Contract Documents, including installation of blocking, and coordination with the other trades for their scope of work.
16. The GC shall excavate for the PC and EC as/if required for removal/installation of sanitary and/or water lines and/or electrical feeds within the building footprint and to 5' beyond the exterior building walls. The GC is responsible for conduit/pipe bedding, backfill, compaction and slab/floor patching as required within the same boundaries.
17. The GC shall provide all required housekeeping pads for equipment provided by the MC/PC/EC/FS in the building interior. Coordinate with other Contractors for pad size requirements.
18. Provide the PC and EC with approved shop drawings for casework to be furnished and installed by the GC. PC shall use these to coordinate rough plumbing and sink installation. EC shall use these to coordinate rough electric and device installation.
19. Each Prime Contractor owns their own cutting and patching (and that of their subcontractors), including penetration of existing walls, floors, and ceilings, unless otherwise noted. (GC is responsible for all roof deck penetrations.) If finishes by the GC are specified in the area of work, each prime contractor owns their own subsurface repair and patching to within tolerances required by the finishes to be installed by the GC, unless otherwise noted. See Subparagraph 4 above and Specification Section 01 7329.

- B. The following additional requirements for the Contractor for **Contract 2 Mechanical Construction (MC)** include, but are not limited to, the following:
1. Removal of all debris generated by this Contract to waste containers provided by the GC.
 2. Supply access panels/doors to be installed in walls, floors or ceilings to GC to install.

3. Provide rooftop equipment curbs, pip pipe portals, and rails to GC for installation. Provide layout of same for GC prior to installation.
4. Provide starters and/or variable frequency drives/speed controllers, if applicable, to EC to install.
5. Protection of work after installation.
6. Mechanical connections to equipment furnished by any other Contract.
7. MC shall take the lead in preparing Coordination Drawings, and coordinate with the PC and EC.
8. Control wiring, regardless of voltage, for HVAC systems.
9. Identify the locations of required blocking for the GC.
10. Firestopping at any existing floor/wall/deck penetrations created by the MC. (GC is responsible for all roof deck penetrations.)
11. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum. Replace all ceiling panels soiled or damaged in the removal and replacement process.
12. Provide the GC, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly/weekly basis for the duration of the project. See Subparagraph 1.07 of this Section.
13. Where framed openings are not required and piping penetrations are through existing construction, the MC is responsible for his own piping penetrations, including sealing the penetrations per code and industry standard.
14. Each Prime Contractor owns their own cutting and patching (and that of their subcontractors), including penetration of existing walls, floors, and ceilings, unless otherwise noted. (GC is responsible for all roof deck penetrations.) If finishes by the GC are specified in the area of work, each prime contractor owns their own subsurface repair and patching to within tolerances required by the finishes to be installed by the GC, unless otherwise noted. See Specification Section 01 7329.

C. The following additional requirements for the Contractor for **Contract 3 Plumbing Construction (PC)** include, but are not limited to, the following:

1. The PC shall furnish, install, and connect all underground plumbing supply and sanitary lines on the Owner's property (interior work & site work) as required. The PC shall furnish, install, and connect all storm lines inside the building and to 5' beyond the exterior building wall.
2. SC will be responsible for all site underground plumbing supply and sanitary line excavation and backfilling, including bedding and subbase requirements. PC shall remove existing site supply and sanitary piping and provide and install new site supply and sanitary piping in coordination with the SC. Thrust blocks, if required, will be by the SC.
3. Site plumbing work includes the relocation of existing hose connections and bottle fillers at play fields per Contract Documents.
4. Removal of all debris generated by this Contract to waste containers provided by the GC (or by the SC for site plumbing work).
5. Supply access panels/doors to be installed in walls, floors or ceilings to GC to install.
6. Provide starters to EC to install.
7. Protection of work after installation.
8. Plumbing connection to equipment furnished by any other Contract.
9. MC shall take the lead in preparing Coordination Drawings, and coordinate with the PC and EC. PC shall add layers to the drawings as required.
10. Temporary Water: Provide temporary water service as noted in Section 01 50 00 Temporary Facilities and Controls, Subparagraph 3.2.C.
11. Install fixtures waste, vent, gas, water and other items for equipment provided by other Contracts.
12. Identify the locations of required blocking for the GC.

13. Firestopping at any existing floor/wall/deck penetrations created by the PC. (GC is responsible for all roof deck penetrations.)
14. Temporarily remove, store, and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum. Replace all ceiling panels soiled or damaged in the removal and replacement process.
15. Provide the GC, within 15 days of award, a schedule with line items and various tasks **for plumbing interior work** broken down with start dates and duration days and provide the same on a monthly/weekly basis for the duration of the project. See Subparagraph 1.07 of this Section.
16. Provide the SC, within 15 days of award, a schedule with line items and various tasks **for plumbing site utility work** broken down with start dates and duration days and provide the same on a monthly/weekly basis for the duration of the project. See Subparagraph 1.07 of this Section.
17. The PC shall be provided with approved shop drawings for casework to be furnished and installed by the GC and shall use these to coordinate rough plumbing and sink installation. The PC shall also coordinate with the GC for this work.
18. Where framed openings are not required and piping penetrations are through existing construction, the PC is responsible for its own piping penetrations, including sealing the penetrations per code and industry standard.
19. For interior work, each Prime Contractor owns their own cutting and patching (and that of their subcontractors), including penetration of existing walls, floors, and ceilings, unless otherwise noted. (GC is responsible for all roof deck penetrations.) If finishes by the GC are specified in the area of work, each prime contractor owns their own subsurface repair and patching to within tolerances required by the finishes to be installed by the GC, unless otherwise noted. See Specification Section 01 7329.

D. The following additional requirements for the Contractor for **Contract 4 Electrical Construction (EC)** include, but are not limited to, the following:

1. Removal of all debris generated by this Contract to waste containers provided by the GC (or by the SC for site electrical work).
2. Supply access panels/doors to be installed in walls, floors, or ceilings to the GC to install.
3. Install starters and/or variable frequency drives/speed controllers supplied by other trades.
4. Protection of work after installation.
5. Electrical connections to equipment supplied by any other Contract.
6. MC shall take the lead in preparing Coordination Drawings, and coordinate with the PC and EC. EC shall layers to the drawings as required.
7. SC will be responsible for all site underground electrical conduit, electrical pull box, and electrical manhole excavation and backfilling, including bedding and subbase requirements. EC shall remove existing site electrical conduit and provide and provide and install new site electrical conduit, electrical pull boxes, and electrical manholes, in coordination with the SC.
8. Site electrical work includes the demolition of existing and installation of new power feeds for scoreboards and exterior power receptacles, etc. at play fields per Contract Documents
9. The EC is responsible for electrical service work which involves the relocation of existing electrical and communications services from Route 209 to the building complex. This work should be thoroughly prepared for in the late spring and early summer and the switchover should take place as early as possible in July. This work must be carefully coordinated with the Owner and SC and all other Prime Contractors must be fully informed regarding any interruptions in electrical power. Power and communication outages should be designed to be as short as possible. During the power outage, the Owner will operate the building on emergency generator power

and the Owner will assume the cost of fuel for the existing emergency generator. However, if the existing emergency power capacity is not adequate, the EC is responsible to ensure that other Prime Contractors and custodial staff have access to adequate power to perform their work during the shutdown, including, if necessary, the provision of temporary panels, portable power outlet boxes and/or portable generators and fuel as required to power equipment, tools and interior lighting. The EC is also responsible for communication with utilities and service providers as necessary to coordinate the service shutdown and switchover, and the Owner will assist with this communication as needed.

10. EC is responsible for removing and legally disposing of existing PCB containing lighting fixtures, bulbs, and ballasts.
11. Temporary Electric: Provide Temporary Electrical service and lighting for the project as noted in Section 01 50 00 Temporary Facilities and Controls, Subparagraphs 3.2.G, 3.2.H, and 3.2.I.
12. Identify the locations of required blocking for the GC.
13. Provide the GC, within 15 days of award, a schedule with line items and various tasks **for electrical interior work** broken down with start dates and duration days and provide the same on a monthly/weekly basis for the duration of the project. See Subparagraph 1.07 of this Section.
14. Provide the SC, within 15 days of award, a schedule with line items and various tasks **for electrical site utility work** broken down with start dates and duration days and provide the same on a monthly/weekly basis for the duration of the project. See Subparagraph 1.07 of this Section.
15. Firestopping at any existing floor/wall/deck penetrations created by the EC. (GC is responsible for all roof deck penetrations.)
16. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum. Replace all ceiling panels soiled or damaged in the removal and replacement process.
17. Provide and maintain temporary power receptacles and temporary lighting as required in interior areas of construction for duration of construction work.
18. The EC shall be provided with approved shop drawings for casework to be furnished and installed by the GC and shall use these to coordinate rough electric and device installation. The EC shall also coordinate with the GC for this work.
19. Where framed openings are not required and conduit penetrations are through existing construction, the EC is responsible for its own conduit penetrations, including sealing the penetrations per code and industry standard.
20. For interior work, each Prime Contractor owns their own cutting and patching (and that of their subcontractors), including penetration of existing walls, floors, and ceilings, unless otherwise noted. (GC is responsible for all roof deck penetrations.) If finishes by the GC are specified in the area of work, each prime contractor owns their own subsurface repair and patching to within tolerances required by the finishes to be installed by the GC, unless otherwise noted. See Specification Section 01 7329.

E. The following additional requirements for the Contractor for **Contract 5 Site Construction (SC)** include, but are not limited to, the following:

1. Temporary site protection and fencing **at staging areas utilized for site work**. Temporary and construction fencing at boundaries of site work per CIP plans. Provide and install staging and field office trailer area at north end of site per CIP plans. Remove staging and field office trailer area and all temporary and construction fencing at conclusion of project and restore grass, asphalt, concrete, and existing fixtures as required and as directed by Owner and CM. Coordinate with the GC and CM for a logical delineation of staging areas for interior and site work. See Specification Section 01 50 00.
2. Furnish all waste containers **for site work** for use by SC/PC/EC. Coordinate with other Contractors regarding their anticipated needs for waste containers.

Containers to be located within work or staging area. Restore grass, asphalt, concrete, and existing fixtures as required and as directed by Owner and CM following removal of last container.

3. Dewatering as required at areas of site demolition and excavation.
4. Protection of work after installation.
5. Legal removal and disposal of excess or unsuitable soils.
6. Prepare Master Construction Schedule incorporating the other Prime Contract schedules/durations **for site work** with the Site Construction schedule and provide an update to the construction schedule on a monthly/weekly basis for the duration of the project. See Subparagraph 1.07 of this Section.
7. The SC is responsible for the entire scope of construction of new dugout structures and other exterior structures located in the play fields and courts as shown on the Contract Documents. Coordinate as needed with the EC and PC for their scope of work in these areas.
8. The SC is responsible for the entire scope of storm drainage utilities.
9. The SC shall provide excavation, pipe and conduit bedding, subbase gravel, backfill and compaction for EC and PC to facilitate the removal of existing and installation of new electrical, communication and water supply and sewer utilities and structures as shown in the Contract Documents. The SC shall take the lead in coordinating closely with the EC and PC so that site utility work does not unnecessarily interrupt the progress of site work.
10. The SC shall not utilize power from the building; rather, the SC shall be responsible for his own temporary generators and fuel as needed to power equipment and tools on site.
11. The SC is advised that the Owner will arrange for a separate contract to facilitate the remove of existing play structures on the west side of the existing Anna S. Kuhl Elementary School (future Middle School). These will be relocated to the new Elementary School on Main Street. The Owner will coordinate this work so that it does not negatively impact the progress of site work. Once the play structures are removed, the SC is responsible for the demolition of the existing play surfaces and any remaining play structures that are abandoned for demolition.

F. The following additional requirements for the Contractor for **Contract 7 Food Service Equipment (FS)** include, but are not limited to, the following:

1. Removal of all debris generated by this Contract to waste containers provided by the GC.
2. Supply access panels/doors to be installed in walls, floors or ceilings to the GC to install.
3. Identify the locations of required blocking for the GC.
4. Protection of work after installation.
5. Provide the GC, within 15 days of award, a schedule with line items and various tasks **for food service equipment** broken down with start dates and duration days and provide the same on a monthly/weekly basis for the duration of the project. See Subparagraph 1.07 of this Section.
6. For interior work, each Prime Contractor owns their own cutting and patching (and that of their subcontractors), including penetration of existing walls, floors, and ceilings, unless otherwise noted. (GC is responsible for all roof deck penetrations.) If finishes by the GC are specified in the area of work, each prime contractor owns their own subsurface repair and patching to within tolerances required by the finishes to be installed by the GC, unless otherwise noted. See Specification Section 01 7329.

G. Temporary service shall be provided as follows:

1. Reference Specification Section 01 50 00 – Temporary Facilities and Controls for the following temporary service provisions:
 - a. Temporary heat
 - b. Temporary sanitary facilities
 - c. Temporary water
 - d. Temporary electric
2. Snow plowing/shoveling all building areas exposed to weather, inclusive of the staging areas, temporary parking areas and access to the Owner/CM/Architect field office by the **SC**.
3. Project identification and safety signs by **GC** (interior work) and **SC** (site work).
4. Each Contract is responsible for their own temporary offices, storage trailers, including electric hook-up and phone service, if desired. If needed, location must be as directed by Owner and CM.

H. DAILY CLEANING

1. Daily Cleaning: All Prime Contracts are responsible for all debris caused by their Work, including the Work of their subcontractors. A daily clean up and disposal is required by each Prime Contract for the periods during which that Prime Contract, or its sub-contractors, are performing Work on site.
2. Assign at least one person for a daily clean and sweep of the work area(s). Prime Contractor shall allot sufficient manpower and time for this to be completed by the end of each shift. Submit the name of person(s) performing this work to Construction Manager.
3. Construction Manager shall have the authority to give direction to person(s) on the Project Site identified by the Prime Contract as designated for cleanup tasks.
4. Any Prime Contract not providing personnel for Daily Cleaning will be Back Charged for labor provided by others to complete this task.
5. Any Contractor working solely in an area shall be responsible for clean/sweep of that area.
6. Daily cleaning will not mean any one Prime Contract is responsible for assisting another Prime Contract with removing major quantities of debris created by a particular Prime Contract's Work.
7. Daily cleaning will be mandated to remove from the building any debris created by day-to-day activities. Each Prime shall assist in sweeping shared work areas and shared corridors while working on site. Each Prime shall assist in mopping of shared corridors while working on site or as required by the Owner.
8. Prime Contractors shall provide sweeping compound for daily cleaning in their respective interior work areas. Each Prime Contract shall provide enough brooms or other necessary tools, for use by their personnel to adequately fulfill their obligations.
9. Prime Contractors shall provide and maintain garbage cans/refuse containers with liners for each construction area of their respective contracts as directed by the Construction Manager and Prime Contractors shall be responsible for disposing of these materials to a dumpster.
10. Prime Contractors shall provide the necessary equipment/containers (tuff/skip-box) to move daily clean/sweep debris from the building to a dumpster daily, for each construction area of their respective contracts.
11. Cleaning shall be deemed a Safety & Health issue, with Prime Contracts being held accountable for fulfilling their contractual obligations.
12. Final Cleaning: At Substantial Completion of each area of construction, each Prime Contract shall wipe/vacuum clean all of their respective installations; Prime Contractors shall mop clean all finish flooring and remove all marks/blemishes to

the finish, for each construction area of their respective contracts. Each area of construction shall be wiped clean of all construction dust and debris prior to turnover to the Owner.

1.07 CONSTRUCTION SCHEDULES

- A. All work shall be done in accordance with a predetermined detailed Master Construction Schedule (MCS) agreed upon by Owner and Contractors, following review by the Construction Manager and Architect. For interior work, the MC, PC, EC and FS Prime Contractors shall submit a detailed Construction Schedule for their respective scopes of interior work to the GC within 15 days of contract award. For site work, the PC and EC Prime Contractors shall submit a detailed Construction Schedule for the respective scopes of site work to the SC within 15 days of contract award. Schedules shall include all milestone dates per Specification Section 01 11 00 and other significant dates (material delivery, service shutdown, etc.). GC shall combine interior work by the GC, MC, PC, EC, and FS into a Critical Path Method (CPM) schedule within 30 days of award and update monthly until on-site construction commences. Then the GC shall update the schedule weekly for the duration of the project. All primes shall sign off on the final CPM Schedule for interior work. SC shall combine site work by the SC, PC, and EC into a Critical Path Method (CPM) schedule within 30 days of award and update monthly until on-site construction commences. Then the SC shall update the schedule weekly for the duration of the project. All primes shall sign off on the final CPM Schedule for site work.
 - 1. MCS shall be computer generated, in CPM format. The MCS shall be revised monthly prior to on-site work taking place, then on a weekly basis during on-site construction activity. The latest revised MCS shall be submitted each month with the Application for Payment from the GC (for interior work) and SC (for site work).
 - 2. The MCS shall incorporate the project milestone dates per Specification Section 01 11 00 – Milestone Schedule.
- B. GC shall coordinate work with the Owner, CM, and other Contractors (and their subcontractors) for interior work. SC shall coordinate work with the Owner, CM, and other Contractors (and their subcontractors) for site work.
- C. Locations of trailers, storage areas, parking areas, and staging areas shall be coordinated with the Owner and CM.
- D. It will be the responsibility of each Contractor to carefully interface all construction operations until they reach their final completion, so that the Owner's programs and services can be carried on without interruption and a smooth flow of operations by all involved trades will be achieved within the allotted time.

1.08 ACCESS TO THE SITE

- A. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles always. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

1.09 CODES APPLICABLE

- A. Construction will be governed by: New York State Uniform Fire Prevention and Building Code, current applicable editions, and their referenced codes and standards, as well as New York State Education Department Part 155 Regulations, Section 155.5.

1.10 PREPARATION OF SITE

- A. Site drawings indicate existing grade elevations, final grade elevations, and locations of work on the property.
- B. The Contractor agrees to accept site as indicated and to remove encumbrances, which interfere with proper fulfillment of his work without change in Contract Sum.
- C. All Work as noted inside or outside of Contract Limit Lines shall be performed by Contractor as part of Contract Work.

1.11 CONTRACTOR'S USE OF PREMISES

- A. Confirm Operations at the Site to Areas and Methods Permitted by:
 - 1. Laws.
 - 2. Ordinances.
 - 3. Permits.
 - 4. Contract Documents.
 - 5. Owner's regulations.
- B. General: During the construction period the Contractor's shall have full use of the premises for construction operations. The Contractor's use of the premises is limited only by the Owner's right to perform construction operations with its own forces or to employ separate contractors on portions of the project.
- C. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
- D. Do not unreasonably encumber the site with materials or equipment.
- E. Do not load structure(s) with weight that will endanger structure.
- F. Each Contractor and Subcontractor is responsible for the protection and safekeeping of his materials, products and equipment stored on the premises until his contract is complete and accepted by the Owner.
- G. Site Access: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles always. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
- H. Move at the Contractor's/Subcontractor's cost any stored materials, products or equipment which interfere with operations of Owner or others.
- I. Special Owner Requirements:
 - 1. Partial Owner Occupancy: The Owner reserves the right to occupy and to place and install equipment in completed areas of the building, prior to Substantial Completion provided that such occupancy does not interfere with completion of Work. Such placing of equipment and partial occupancy shall not constitute acceptance of the total Work.
 - 2. All activities required on the site for completion of the work shall be accomplished within the Contract limit lines as indicated on the Drawings.

1.12 LINE AND LEVELS

- A. Drawings indicate location of the Work.
- B. Contractor shall layout all Work prior to construction and will be held responsible for its accuracy. Layout approval by Owner and Architect is required prior to construction.
- C. The Owner shall establish a "Datum" or "Benchmark" at convenient locations, which will remain throughout Work, for convenience and constant reference for use of all Contractors.
- D. Each Contractor is responsible for their own survey(s) and layout.

1.13 TIME FOR COMPLETION

- A. It shall be understood and mutually agreed that the time for Substantial Completion is an essential condition of this Contract.
- B. The Contractor agrees that Work shall be prosecuted diligently and uninterruptedly at such rate as will ensure Substantial Completion of all Work and Certificates of Occupancy on or before the date stated in the Contract.
- C. It is expressly understood and agreed by Contractor and Owner that the time for Substantial Completion and Certificates of Occupancy are reasonable, taking into consideration average Climatic range, restrictions concerning use of the site, and other conditions prevailing.
- D. Contractor shall schedule the Work accordingly.

1.14 EXAMINATION OF SURFACES TO BE COVERED

- A. Prior to application of materials included in the various Sections, the installer, the manufacturer's representative, and the Contractor shall together examine the building and surfaces upon which materials are to be supplied.
- B. The installer and the manufacturer's representative shall accept all surfaces and conditions affecting proper installation of their materials. The installer shall not proceed with the work until all conditions and surfaces are satisfactory to him.
- C. The Contractor shall do all work necessary to correct unsatisfactory conditions and surfaces not specifically included as work of the subcontractor.
- D. The subcontractor shall furnish to the Contractor for submission to the Architect 2 copies of his statement, countersigned by the manufacturer or his appointed representative that the entire installation has been made by correct techniques over properly prepared surfaces and under proper job conditions.

1.15 FIRE SAFETY REQUIREMENTS

- A. The Contractor shall conform to the following mandatory Requirements during the work:
 - 1. Construction-related debris shall be cleaned out of the building at the end of each working day.
 - 2. No combustible materials shall be stored neither within the building, nor on the school grounds unless as directed.

1.16 SCHEDULE OF VALUES REQUIREMENTS

- A. The Contractor shall conform to the following mandatory requirements for percentages of the total contract value, including accepted add alternates, for the Schedule of Values (SOV) submission. Any variations from these requirements must be approved by the Construction Manager and Architect:
1. General Conditions – 2%
 2. Meeting Attendance – 1%
 3. Shop Drawings / Samples Submissions – 1%
 4. Temporary Utilities & Services – 1%
 5. Coordination Drawings (MC/PC/EC) – 1%
 6. System/Equipment Commissioning – 1%
 7. Punch-List – 2%
 8. Close-Out Documents (Warranties/Guarantees, As-Built Drawings, O&M Manuals, etc.) – 3%

See also Specification Section 01 2000 – Price and Payment Procedures.

1.17 COORDINATION MEETINGS & DRAWINGS

- A. The Contractor shall coordinate the work of all Subcontractors, arrange space conditions to accommodate the work of all trades and prepare composite drawings as required to scale, clearly showing the work of each trade Contractor in relation to each other.
- B. The Contractor will be held responsible for correcting unsatisfactory conditions resulting from improper coordination.
- C. Contractors shall communicate and supply shop drawings to each other to insure proper coordination.
- D. Coordination drawings shall be submitted to the Architect for review and approval.
- E. Daily field reports are to be provided by all Contractors to the Construction Manager.
- F. Coordination Meetings:
1. General: Contractors are to prepare a written memorandum on required coordination activities. Include such items as required notices, reports, minutes of meetings, and attendance at meetings. Distribute this memorandum to each entity performing work at the project site. Prepare a similar memorandum for separate contractors where interfacing of their work is required.
 2. Weekly coordination meetings: Contractors shall schedule and hold weekly general project coordination meetings at regularly scheduled times that are convenient for the attendance of other parties involved in the project (i.e., Owner, Architect, CM, Subcontractors etc.). The Contractors shall record meeting results and shall make them available to the Project Team. These meetings are in addition to the specific meetings held for other purposes, such as regular project meetings and special pre-installation meetings. Required attendance includes each prime contractor and every other entity identified by any prime contractor as being currently involved in the coordination or planning for the work of the entire project. Conduct meetings in a manner that resolves coordination problems. The Construction Manager shall have a representative at the meetings. The Contractors shall distribute copies of the meeting result to everyone in attendance, the Architect and to others affected by the decisions and actions resulting from each meeting.
- G. Scaled and figured dimensions with respect to the items are approximate only; sizes of equipment have been taken from typical equipment items of the classes indicated. Before proceeding with the work, the contractor shall carefully check all dimensions and

sizes and shall assume full responsibility for the fitting in of equipment and materials to the building and to meet architectural and structural conditions.

- H. Separate plans shall also be prepared for sleeve locations and concrete pads for mechanical equipment required by all contractors for the performance of their work. These drawings shall be coordinated with the coordination drawings. When final information is received, such data shall be promptly inserted on the coordination drawings.
- I. The HVAC Contractor shall provide electronic drawing files, at a scale of 3/8" – 1'-0" showing all HVAC equipment, ductwork, and major piping, including elevations and dimensions to all fixed building elements, such as beams; columns, slabs; ceilings; including ceiling suspensions; framing; floor; walls; doors, including door swings; and windows affected by the equipment, ductwork, and piping. Show all registers, grilles, diffusers, radiators and convectors, and other terminal elements. Show location of all valves, dampers (fire, smoke, volume, and automatic), coils, humidifiers, smoke detectors, etc. requiring access for service and maintenance. Locate all access doors. Include large-scale details and sections as required to fully delineate the conditions in congested areas, leaving space for the work of the other contractors. Show plan layout of all equipment bases, pads, and inertia blocks. Clearly label all work by HVAC Contractor.
- J. The Plumbing Contractor shall overlay on the electronic coordination drawings prepared by the HVAC Contractor which indicate all HVAC water supply, drain, waste, vent, sprinkler main and branch piping, risers and sprinkler heads and other major lines. Indicate piping elevations and locations of the fire hose cabinets, drinking fountains, etc., which encroach on duct shafts. Locate valves and other items requiring access for service and maintenance. Locate all access doors. Avoid interference with HVAC work and with building construction. Use same scale as drawing being overlaid. Clearly label all work by Plumbing Contractor.
- K. The Electrical Contractor shall overlay on the electronic coordination drawings prepared by the HVAC, Plumbing and Fire Protection Contractors all main conduit and bus runs, cable trays, light fixtures, major equipment, and switch gear and panel boards and clearances. Show all items requiring access for service and maintenance. Locate all access doors. Avoid interference with HVAC, Plumbing, and Fire Protection work and with building construction. Use same scale as drawings being overlaid. Clearly label all work by Electrical Contractor.
- L. Each Contractor shall use the signed completed coordination drawings as a working reference. Compare all shop drawings, prior to their submittal to the Architect, with the coordination drawings and revise the shop drawings to fit the coordination drawing condition. If revisions to the coordination drawings are required because of shop drawings, make revisions as directed by Construction Manager and notify all affected contractors with copy of notification to Construction Manager. Maintain up-to-date records of all revisions on own coordination drawing copies; keep one copy at project site.
- M. No extra compensation will be paid to any contractor for relocating any duct, pipe, conduit, or other material installed without coordination among trades involved or among other affected contractors. Each Contractor who causes any additional work to other contractors by improperly coordinated work or work not installed in accordance with the signed coordination drawings shall reimburse the affected other contractors for the cost of the additional work.

PART 2 – PRODUCTS (Not Used)

PART 3 – EXECUTION (Not Used)

END OF SECTION