



Addendum No. 2
Date: July 8, 2026

Project:
**Elevator for
Thompson High School for
Alabaster City Schools
Alabaster, Alabama**

**LATHAN MCKEE PROJECT NO. 25-305A
ALABAMA DIVISION OF CONSTRUCTION MANAGEMENT NO.**

The following changes and/or substitutions to the plans and specifications are hereby made a part of same and are incorporated in full force as part of the contract.

Bidders shall acknowledge receipt of this Addendum in writing on his Proposal Form.

A2.1 GENERAL MODIFICATIONS:

- A. Refer to the Advertisement for Bids, **Change** as follows:
1. Sealed proposals for this project will be received by Dr. Lawrence W. Vickers, Superintendent at the Alabaster City Board of Education, 2013 Warrior Parkway, Alabaster, AL 35007, **until 2:00 PM Central Time on Thursday July 23, 2026, then opened and read aloud**

A2.2 SPECIFICATION MODIFICATIONS:

- A. Refer to TABLE OF CONTENTS, Revised 07.08.26, herein.
- B. Refer to SUPPLEMENT TO THE GENERAL CONDITIONS OF THE CONTRACT, Revised 07.08.26, herein.
- C. Refer to SPECIAL CONDITIONS OF THE CONTRACT, Revised 07.08.26, herein.
- D. Delete SECTION 14240 - HYDRAULIC ELEVATOR.
- E. Delete ATTACHMENT TO SECTION 14240 - HYDRAULIC ELEVATOR.
- F. Refer to SECTION 14240 - ELECTRIC TRACTION ELEVATOR, Revised 07.08.26, herein.

END OF ADDENDUM

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BIDDING REQUIREMENTS

- Advertisement For Bids
- Instructions to Bidders (DCM Form C-2)
- Request For Information (McKee Form)
- Prior Approval/Substitution Request Form (McKee Form)
- Proposal Form (DCM Form C-3)
- Accounting of Sales Tax (DCM Form C-3A)
- Bid Bond (DCM Form C-4)
- Special Instructions to Bidders (McKee Form)

CONTRACT FORMS

- Preparation and Approval of Construction Contracts and Bonds (DCM Form B-7)
- Construction Contract (DCM Form C-5) with Article 37 Excerpt from DCM Form C-8
- Performance Bond (DCM Form C-6)
- Payment Bond (DCM Form C-7)
- General Conditions of the Contract (DCM Form C-8)
- Supplement to General Conditions of the Contract (McKee Form)
- Special Conditions to the Contract (Volkert Project Management Form)
- State of Alabama Disclosure Statement Form, Required by Article 3B of Title 41, Code of Alabama 1975 with Information and Instructions regarding Relationships Between Contractor/Grantees and Public Officials/Employees.
- Alabama Department of Revenue – Sales and Use Tax Division – Application for Sales and Use Tax Certificate of Exemption (ST:EX-01)
- State of Alabama E-Verify Memorandum of Understanding Instructions *with* ABC Bulletin *and* Revised Alabama Immigration Law Guidance for School Boards.

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- Mckee E-Verify Memorandum of Understanding (McKee Form)
- Alabama Department of Real Property Management Division of Construction Management Permit Fees & Re-Inspection Fees Calculation Worksheet

GENERAL CONDITIONS

- Pre-Construction Conference Checklist (DCM Form B-8)
- Detail Of Project Sign (DCM Form C-15)
- Application and Certificate for Payment (DCM Form C-10)
- Schedule Of Values, (DCM Form C-10SOV, Attachment to DCM Form C-10)
- Inventory Of Stored Materials, (DCM Form C-10SM, Attachment to DCM Form C-10)
- Progress Schedule and Report (DCM Form C-11,)
- Electronic Change Order Checklist, (DCM Form B-12, For Use With DCM Form C-12)
- Contract Change Order (DCM Form C-12 (fully locally-funded K-12 Schools)
- Change Order Justification (DCM Form B-11) Attachment to DCM Form C-12
- Change Order Proposal Recap Sheet (Lathan Mckee Form, LM 0825)
- Certificate of Substantial Completion (DCM Form C-13 & 13A)
- Final Payment Checklist (DCM Form B-13)
- Contractor's Affidavit of Payment of Debts and Claims (DCM Form C-18)
- Contractor's Affidavit of Release of Liens (DCM Form C-19)
- Consent of Surety to Final Payment (DCM Form C-20)
- Form of Advertisement for Completion (DCM Form C-14)
- Certificate of Fire Alarm Contractor's Permit
- Certificate of Asbestos Free Building Materials (McKee Form)

TECHNICAL SPECIFICATIONS

DIVISION 01 GENERAL REQUIREMENTS

- 01010 Scope of Work
- 01011 Contingency Allowances
- 01250 Contract Modification Procedures
- 01290 Payment Procedures
- 01315 Project Management Communications (Project Manager)
- 01320 Construction Progress Documentation
- 01322 Photographic Documentation
- 01330 Submittal Procedures
- 01600 Product Requirements
- 01700 Execution Requirements
- 01770 Closeout Procedures

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01781 Project Record Documents
01782 Operation and Maintenance Data
01820 Demonstration and Training

DIVISION 02 SITE WORK

02071 Demolition

DIVISIONS 03 - 04

Not Applicable

DIVISION 05 METAL

05120 Structural Steel

DIVISIONS 06 - 13

Not Applicable

DIVISION 14 CONVEYING EQUIPMENT

14240 Electric Traction Elevator

DIVISION 15

Not Applicable

DIVISION 16 ELECTRICAL

16100 Electrical

END OF TABLE OF CONTENTS

SUPPLEMENT TO THE GENERAL CONDITIONS OF THE CONTRACT

- 1.1 The following supplements shall modify, delete and/or add to the General Conditions of the Contract. Where any article, paragraph or subparagraph in the General Conditions is supplemented by one of the following paragraphs, the provisions of such article, paragraph, or subparagraph shall remain in effect and the supplemental provisions shall be considered as added thereto. Where any article, paragraph or subparagraph in the General Conditions is amended, voided or superseded by any of the following paragraphs, the provisions of such article, paragraph or subparagraph not so amended, voided or superseded shall remain in effect.**
- A. Refer to Article 2.A; Definition:**
1. **Architect:** Construction documents for this project have been developed by Lathan Mckee, Architects, 3500 Eastern Blvd., Suite 300, Montgomery, Alabama, 36115, (334) 834-9933 commissioned by the Owner.
 2. **Owner: Alabaster City Schools.** Unless otherwise stated, all papers required to be delivered to the Owner shall be forwarded through the Architect.
- B. Refer to Article 3:**
1. Add the following:
 - a. **Contractor's Qualification's:** The Roofing Contract shall possess the following, or stringent, minimum qualifications: the roofing contractor must be a firm of not less than five (5) years of successful experience in installation of roof systems similar to those specified for the project and which is acceptable to or licensed by the manufacturer of the primary roofing materials.
 - b. **Manufacturer's Qualifications:** In specifying acceptable manufacturers or minimum quality qualifications of manufacturers, the following, or more stringent criteria should be used: The manufacturer shall have a minimum of five (5) years of experience in the manufacture of the roofing system and must also be the **original material manufacturer** of the primary roofing material.
- C. Refer to Article 6;**
1. Add the following to Paragraph B:
 - a. The lowest bidding Contractor shall submit to the Architect within five (5) calendar days after the bid date the name(s) of the Superintendent(s) who will be in charge at the work site, along with the qualifications and experience.
 - b. NOTE: By submission of a Proposal the Bidder agrees that the Owner or Architect may reject a proposed Superintendent with or without a stated reason with no recourse to the Contractor.
- D. Refer to Article 6;**
1. Add the following to Paragraph C:
 - a. All labor shall be performed in the best and most workmanlike manner by persons skilled in their respective assignments or trades. Workmen whose work is unsatisfactory to the Architect or the Owner, or who are considered unfit or unskilled, or otherwise objectionable, shall be dismissed upon notice from the Architect or Owner.
- E. Refer to Article 9, Paragraph D;**
1. Add the following:
 - a. All submittals for color selections, to be made by the Architect for the entire project shall be submitted at the same time within 45 days from the "Notice to Proceed". Piece-meal submittals for color selection will not be permitted.

b. Provide as follows unless otherwise specified:

- 1) All submittals shall be sent to the Architect no later than **45 calendar days** from "Notice To Proceed" to: **Submittal Exchange subex-sales_ww@oracle.com** if applicable. A **Submittal Log** must accompany each submittal.
- 2) **Refer to Article 41, paragraph A "Subcontracts", section (1):**
 1. As required by the Supplemental General Conditions, the Contractor must provide the total cost for each of the following divisions:
 - a. Civil
 - b. Plumbing
 - c. Mechanical
 - d. Electrical
 - e. These submissions shall have the above requested costs and Architectural Project Number provided in a single document and emailed prior to the full execution of the project.
 - 3) For projects requiring the use of Submittal Exchange, logs for the project shall be set up to mimic the Architectural Project numbered **25-305A** and must include the following:

• Submittal	* Drawings
• Closeout	* Photos
• RFI	* Punchlist/Issue Management
• RFP	* COR
• ASI	* Pay Application
• Meeting Minutes	

F. **Refer to Article 13:**

1. Add the following:
 - a. "If the bidder desires to substitute an "equal", he must secure written approval by the Architect of qualification to bid ten (10) days prior to date.
 - b. On all items specified as or equal substitutions must be submitted to the Architect ten (10) days prior to bid opening and Architect will act on substitution five (5) days prior to bids and notify all Contractors.
 - c. The request for substitutions are to be filled out completely and must be received prior to bid. Any subcontractor and/or material supplier that was not "approved" and their price is used at bid time will be the Contractors problem to absorb any cost associated with the use of a "non-approved material or equipment. If the "approval" is not listed in the addendum, then the "approval" is not accepted.

G. **Refer to Article 15:**

1. The General Contractor shall be solely responsible for all requirements under this Article.

H. **Refer to Article 16:**

1. Add the following: Article 16; General, (5)
 - a. **Single-Ply Roofs:** Should design or economic restrictions require the use of a single-ply elastomeric roofing system, ballasted systems of any type should be avoided.
 - b. **Interior Gutters:** The use of interior gutters should be avoided at all times.
 - c. **Protection During Application:** At no time during construction should the surface of the asphalt or coal tar pitch roofing system to be left unprotected. A glaze coat of asphalt or pitch must be applied to the surface of the membrane if the top pour or cap sheet cannot be applied during the same day.
 - d. **Contractor's Qualification's:** The Roofing Contract shall possess the following, or stringent, minimum qualifications: the roofing contractor must be a firm of not less than five (5) years of successful experience in installation of roof systems similar to those specified

for the project and which is acceptable to or licensed by the manufacturer of the primary roofing materials.

e. Manufacturer's Qualifications: In specifying acceptable manufacturers or minimum quality qualifications of manufacturers, the following, or more stringent criteria should be used: The manufacturer shall have a minimum of five (5) years of experience in the manufacture of the roofing system and must also be the **original material manufacturer** of the primary roofing material.

I. Refer to Article 19:

1. In conjunction with Division of Construction Management Change Order documents provide all data required for Lathan Mckee Architects Form 0825 when submitting a Change Order Proposal

J. Refer to Article 29, PROGRESS PAYMENTS, paragraph "B", Schedule of Values:

1. Amend Paragraph as follows:

a. "Within ten days after receiving the Notice to Proceed the contractor shall submit to the Architect a DCM Form C-10SOV, Schedule of Values, which is a breakdown of the Contract Sum showing the value '**and category of Work with Subcontractor name(s)**' of the various parts of the Work for billing purposes."

2. Add the following:

a. The Contractor shall list the Category of Work with the Subcontractor name(s) attributable to each line item value in the column "B", "Description of Work" line(s) of the DCM Form C-10SOV, Schedule of Values.

3. Add the following:

a. Values shall be broken down within principal contracts in amounts not greater than \$30,000, but in no case greater than 5 percent of the Contract Sum.

K. Refer to Article 32, SUBSTANTIAL COMPLETION

1. Add the following:

a. All manufacturers' warranties shall commence on the date as set forth on the Substantial Completion Form, no exceptions.

b. Contractor shall furnish to the Architect a written letter of "notification" that all "Punch List" items have been completed prior to re-inspection.

L. Refer to Article 35, paragraph "D", Special Warranties:

1. Change as follows:

a. The Contractor shall deliver to the Owner through the Architect all special or extended warranties required by the Contract Documents from the Contractor, Subcontractors, and suppliers.

M. Refer to Article 37:

1. The Architect shall not be liable for any damage or injury to property or any person or persons arising from the presence of/or effects of any hazardous materials or hazardous elements in any state of form in connection with the work under this Contract. All such liability shall lie with the Contractor.

N. Refer to Article 44:

1. Add the following: All work on this project shall be performed in accordance with the following codes:

a. 2010 ADA Standards For Accessible Design

b. 2021 International Building Code

c. 2021 International Plumbing Code

- d. 2021 International Mechanical Code
- e. 2021 International Fuel Gas Code
- f. 2021 International Fire Code
- g. 2020 National Electrical Code
- h. 2019 National Fire Alarm and Signaling Code
- i. ANSI/ASHRAE/IESNA Standard 90.1-2013 Energy Standard for Buildings Except Low-Rise Residential

O. Refer to Article 49:

- 1. Liquidated damages will be assessed at a rate of 6% per annum.
- 2. If this contract extends thirty (30) days past Schedule Completion Date, Owner shall deduct from the Contractor's final payment, a sum equal to the additional expense incurred by the Owner for the Architect for contract administration past scheduled completion date.

END OF SECTION

SPECIAL CONDITIONS OF THE CONTRACT

The Special Conditions of the Contract are meant to be viewed as a compliment to the General Conditions of the Contract. Should any discrepancy or ambiguity be noted, the Special Conditions of the Contract shall apply and the General Conditions of the Contract shall defer to Special Conditions of the Contract. The term “Design Consultant” shall be construed to mean “Architect”. The terms “School Board”, “Owner”, and “Board”, shall be construed to mean the Alabama. The term “Program Manager/Management (PM)” and “Owner’s Representative” shall be construed to mean “Volkert, Inc.”. Where General Conditions refer to Owner; it shall be recognized to include the Owner’s Representative (PM) as per Owner/Owner Representative Contract.

1. INTENT OF DRAWINGS AND CONTRACT DOCUMENTS

- A. Clarification of any conflict in or between Contract Documents shall be made only by written Addenda during the bid period and sent to all perspective Bidders. The Program Manager and Design Consultant shall not be responsible for verbal answers regarding intent or meaning of the Contract Documents, or for any verbal instructions, by whomsoever made, prior to the award of the Contract.
- B. All designed systems and/or assemblies are to be proposed and bid as complete assemblies or operational systems. Drawings are to be construed as an indication of intent and not attempting to fully obtain or detail required work.

2. COPIES OF DRAWINGS AND SPECIFICATIONS

- A. As specified in the Special Instructions to Bidders, the Contractor shall have determined the number of sets of Contract Documents required for the construction of the specified work. The cost of all Contract Documents required for the construction of the specified work, as determined by the Contractor, shall have been included in his Proposal.

3. NOTICE TO PROCEED

- A. The Contractor may proceed to award subcontracts, assemble materials, etc., at any given time after Award of Contract and the Notice to Proceed with the work has been issued. For the purpose of liquidated damages, the Contractor's official time for the starting of construction work shall be the actual date of the Notice to Proceed which shall be issued by the Albertville City School System.

4. SHOP DRAWINGS AND SUBMITTALS

- A. The General Contractor shall submit a schedule of submittals for approval to the Design Consultant, itemizing all required submittals within ten (10) days of receiving the Notice to Proceed.
- B. All shop drawings and/or submittals shall be dated and numbered sequentially. A re-submittal shall be designated by adding an "R" to the original submittal number.
- C. All shop drawings and submittals shall be coordinated with all respective trades and approved by the General Contractor as so coordinated prior to submission to Design Consultant. Shop drawings and/or submittals not approved and stamped by the General Contractor shall be returned to Contractor.
- D. Truss design submittals shall be specifically approved by the General Contractor and mechanical subcontractor prior to Design Consultant's review.
- E. Six copies of all shop drawings and submittals shall be presented to the Design Consultant with a completed Material Approval Submittal form containing the project name, number of items, name of vendor/supplier and sufficient description to identify said submittal.
- F. The Contractor shall fax Copies of all Material Approval Submittal forms to the Program Manager at the time each Submittal is delivered to the Design Consultant.
- G. All shop drawings and/or submittals shall be submitted sufficiently in advance of construction requirements to allow checking, correcting, resubmitting, and rechecking.
- H. Once the Design Consultant has approved a submittal, one set shall be delivered to the Program Manager with a copy of the completed Material Submittal Approval form. The Design Consultant shall indicate the status of the submittal on the form.
- I. Unless specifically requested by the Design Consultant, submittals marked "Approved as Noted" or "Approved as Corrected", need not be resubmitted.
- J. A copy of Submittals marked "Rejected" or "Revise and Resubmit" by the Design Consultant as well as the Material Approval Submittal form should be provided to Program Manager. The Design Consultant shall indicate the status of the submittal on the transmittal sheet.
- K. The Design Consultant reserves the right to withhold approval of interior and exterior finishes until all related submittals and shop drawings are received.

- L. The General Contractor, Design Consultant and Program Manager shall utilize the internet-based project management system to track and record submittals described in Section 01315 of this Project Manual.

5. REQUESTS FOR INFORMATION

- A. Request for Information (RFI) shall be sequentially numbered and submitted to the Design Consultant using the internet base project management system as described in Section 01315 of this Project Manual.
- B. The RFI shall contain sufficient, specific, information to provide the Design Consultant with a clear understanding of the item or concerns in question. The Contractor may include additional information in the form of photographs, diagrams, or other pertinent documentation, to assist in the clarification of the RFI.
- C. The Design Consultant shall provide an answer to the Contractor in the space provided on the RFI form. Should additional information be required for the Design Consultant response, that information shall be attached to the RFI form.
- D. A copy of the completed Request for Information form shall be provided to the Program Manager.
- E. Failure to submit a written RFI to the Design Consultant may negate a Contractor's claim for additional time or money should a Design Consultant fail to respond to an RFI in a timely manner.

6. PROGRESS SCHEDULE

- A. A CPM Project Schedule for Construction, as described below, shall be prepared and is the responsibility of the Contractor. Subcontractors and suppliers participating in the project shall also contribute in developing and maintaining an accurate Project Schedule. The approved project schedule shall be used to measure the progress of the work, aid in evaluating time extensions, and to provide the basis for all progress payments.
- B. The CPM schedule shall be the basis for measuring Contractor progress. Failure of the Contractor to provide all information, as specified below, shall result in the disapproval of the entire project schedule submission and the inability of the Program Manager and Design Consultant to evaluate Contractor progress for payment purposes.

C. Project Schedule - General Requirements

1. There will be a Pre-Scheduling Conference to be conducted at the project site to review the project schedule requirements. The Pre-Scheduling Conference shall include but not be limited to reviewing the Contractor's software, verifying the availability of qualified personnel to create and maintain the schedule, review schedule updating and reporting requirements, and review time extension and delay claim procedures.
2. In preparation of the schedule, the Contractor shall comply with the procedures outlined in AGC's "Construction Planning & Scheduling".
3. The schedule shall be a Critical Path Method (CPM) schedule and shall be provided in Gantt chart format.
4. The schedule's time frame should be extended from the date of Notice to Proceed through the date of Substantial Completion and Final Completion as established by the contract documents.
5. The schedule shall include an appropriate and reasonable level of detail to allow for accurate monitoring of project progress. Items to be included in the schedule shall be further described below.
6. The schedule shall be prepared using input from the General Contractor's subcontractors and suppliers.
7. The initial schedule shall be submitted within 15 calendar days of Notice to Proceed.
8. The schedule shall be updated a minimum of once per month with Design Consultant approved time extensions as necessary. An updated schedule shall be submitted with the Contractor's application for payment, and also posted on the internet-based project management system described in Section 01315 of this Project Manual. Failure to submit an updated schedule with the application for payment may cause the application for payment to be rejected.

D. Contractor's CPM Construction Schedule

1. Scheduling Consultant: The Contractor shall retain a scheduling consultant to prepare and update the construction schedule. The scheduling consultant shall attend all meetings relating to project progress, delays or time impacts. The Program Manager may elect to waive the requirements to retain a scheduling consultant should the Contractor employ skilled personnel qualified in the preparation and reporting of CPM schedules.

2. Level of Detail and Items to be Included in Schedule.
 - a. Activity Duration: Define activities so that no activity has a duration of more than 30 days unless specifically approved by Design Consultant and Program Manager.
 - b. Procurement and Submittal Activities: Include procurement process activities for long lead time items. A long lead-time item is defined as one with a lead-time of more than 30 days. Procurement activities are to be broken down into submittals (submittal review and approval time should be incorporated into the submittal activity duration), purchasing and fabrication / delivery.
 - c. Start-up and Testing Time: Include activity line items for start-up and testing.
 - d. Owner Activities: Owner activities that could impact progress shall be included as separate activities in the project schedule. This includes work to be performed by Owner Direct Contractors. An example of an owner activity would be delivery and set-up of portables.
 - e. Milestones: Include milestones for critical days or events in the schedule. As a minimum, milestones should be established for Notice to Proceed, Substantial Completion and Final Completion.

E. Schedule Layout and Presentation.

1. The schedule shall be in Gantt chart format with the critical path activities clearly delineated from those activities containing float time.
2. Each activity bar shall be labeled with the activity name adjacent to its representative bar.
3. Milestone activities shall be represented by a unique symbol on the Gantt chart, demarcating them from other activity bars.
4. The schedule shall display logic arrows linking predecessor and successor activities. All activities must have a predecessor and a successor constraint except the Notice to Proceed activity (which will have no predecessor) and the Final Completion activity (which will have no successor).
5. The head of the schedule shall include columns for the following activity information:
 - a. Activity ID
 - b. Activity Name/Description

- c. Duration
 - d. Early Start
 - e. Late Start
 - f. Actual Start
 - g. Early Finish
 - h. Late Finish
 - i. Actual Finish
 - j. Total Float
6. A minimum of three copies of the schedule shall be submitted at each schedule submission.
- F. The schedule shall be updated a minimum of once per month and should coincide with the submission of the Contractor's application for payment. Failure to submit an updated schedule with the application for payment may cause the application for payment to be rejected.
- 1. Should the Program Manager or Design Consultant deem that the project is running behind schedule, the Program Manager or Design Consultant can request that the schedule be updated more frequently.
 - 2. The initial approved schedule shall be designated as the baseline schedule and shall represent the anticipated sequencing and activity duration of the construction project. The baseline schedule will be the schedule referenced against the updated schedule to determine schedule progress and the effect of changes. Each update will become the baseline for the subsequent update.
 - 3. When performing the schedule update, actual start and finish dates for each activity shall be used. Automatic updates using default settings inherent in the scheduling software will not be allowed.
 - 4. When reporting the schedule, the baseline and updated schedules shall be displayed on the same chart in order for the as-built condition to be easily compared against the baseline.
 - 5. Activity progress shall be clearly indicated on the activity bar as a superimposed progress bar.
 - 6. With the updated schedule provide a report of every change including, but not limited to changes in logic, actual start and finish dates and activity durations.

G. Requests for Time Extensions

1. The CPM schedule shall be the basis by which a determination will be made as to whether or not the Contractor is due an extension of time under the provisions of the contract.
2. For each delay or time extension claim, the Contractor shall submit a justification report that should include the following items:
 - a. A brief explanation of the cause of the change.
 - b. A CPM schedule incorporating the change and clearly depicting the impact to the final completion date of the project using the latest updated schedule as a baseline.
 - c. Delays that are the sole responsibility of the contractor will not be considered as reason to grant time extension to the final completion date for the contract.

H. Program Manager

Should the project's budget and/or schedule become a concern for the Owner, the Program Manager shall maintain the latitude to, at its discretion, to institute time and cost control measures during the construction phase of the work which, in general, shall provide better Owner control in expediting the timely completion of the project. Program Management as well as Owner personnel reserve the right to visit the site and observe work in progress at any given time.

7. METHOD OF RECOVERY

- A. A Scheduling Meeting shall be held at the end of each month. The purpose of this meeting shall be for the Program Manager and/or his representative to meet with all parties to discuss alternate solutions for updating and/or compressing construction schedules. At this meeting, if the Project is behind schedule in any area, the Contractor shall submit to the Program Manager, a Method of Recovery. The Contractor shall, with due diligence, make every effort to adhere to this construction schedule. Slippage of construction schedules shall not be tolerated. Schedule slippage without alternate solutions that shall allow the schedule to be met are grounds for Contract cancellation. Method of Recovery shall not increase the Contract amount.

8. SCHEDULE OF VALUES

- A. Prior to submitting the first Application for Payment, the Contractor shall provide to the Program Manager a schedule of values allocated to various portions of the Work, prepared in such form, and supported by all such data substantiating its accuracy, as the Design Consultant/Program Manager may require. This schedule, unless objected to by the Program Manager, shall be used as a basis for reviewing the Contractor's Applications for Payment.

9. ELECTRICAL POWER AND JOB SITE UTILITIES

- A. The General Contractor shall be responsible for the cost of all electrical power and all other utilities necessary for construction, until such time as the Substantial Completion date is established and agreed upon by all parties. Once the date of Substantial Completion has been established, said utilities shall be transferred into the Owner's name. Utility bills will be pro-rated, based upon the established date of Substantial Completion.

10. APPLICATION FOR PAYMENT/PAY REQUESTS

- A. All Applications for Payment shall be submitted to the Design Consultant for consideration, monthly on or about the 25th of each month. The Design Consultant and Program Manager shall then review all work and agree as to the percentage of completion of each phase of work in question. No approval of any pay requests shall be made until all of the involved parties are in agreement as to the stage and/or percentage of completion.
- B. Four original sets of each application are required: One for the Program Manager, One for the Design Consultant, and Two for the Owner.
- C. The Design Consultant in conjunction with the Program Manager shall maintain the option to "red line" at its discretion, those items which, having been submitted for payment, are not properly documented or which are not properly documented as to support costs of Contract Change Authorizations or Change Orders.
- D. With each Application for Payment the Contractor is required to submit the following:
1. Contract Notice to Proceed Date
 2. Original Contract Completion Date
 3. Current Revised Contract Completion Date
 4. Number of Days Elapsed
 5. Percent of Time Elapsed
 6. Percentage of Contract in Place (Stored materials may be included)
 7. FEIN #

- E. Such application shall be notarized and supported by such data as the Design Consultant in conjunction with the Program Manager may require as substantiating the Contractor's right to payment. Utilizing ABC Form C-11, a graph indicating the monthly projected and actual construction schedule shall be submitted each month with the Contractor's Application for Payment.
- F. With the monthly Application for Payment, the General Contractor shall submit a Waiver of Lien for the value of the work completed.
- G. Payment for materials stored off-site may not be requested unless materials are stored in an insured and bonded warehouse. Certificates of Insurance must be attached to the pay request. Copies of both the purchase order and copies of material invoices shall be submitted with the Request for Payment on which the stored materials are listed.
- H. The Contractor's FEIN number must appear on all Applications for Payment.

11. UNKNOWN CONDITIONS

- A. If, in the performance of the Contract, subsurface or latent conditions are found to be materially different from those indicated by the Drawings and/or Project Manual, or unknown conditions of an unusual or impractical nature are disclosed differing materially from conditions usually inherent in work of the character shown and specified, the attention of the Design Consultant and the Program Manager shall be called immediately to such conditions before they are disturbed. Upon such notice, or upon such observation of conditions, the Owner may instruct the Design Consultant to promptly make such changes in the Drawings and/or Project Manual as he finds necessary to conform to the different conditions, and any increase or decrease in the cost of the Work resulting from such changes shall be adjusted as provided under CHANGES IN THE WORK or EXTRA WORK as set forth in the GENERAL CONDITIONS. All costs and claims including time extension are required to be included in the Contractor's response to Change Order Request or Request for Proposal. Claims for additional costs and/or time arising after approval shall be disallowed and this condition is accepted by the Contractor upon executing Owner/Contractor Agreement.

12. CHANGES IN THE WORK

- A. All Contract Change Requests shall be submitted to the Design Consultant complete with the substantiating documentation for review and approval. All Contract Change Requests shall be in a format in which all units of costs are so indicated, to include but not limited to the following: labor, material, equipment, OH&P, vendor and/or supplier, along with the required trade labor cost

breakdown to perform this work. The Design Consultant shall determine whether, in its opinion, the request should be approved or disapproved, with or without additional time, and submit the Contract Change Request to the Program Manager for review. No Contract Change Request should be submitted to the Program Manager without the prior review and written recommendation from the Design Consultant. Not all changes shall constitute a time extension. Time extensions associated with changes in the Work shall be evaluated based upon criteria established in item 6G of The Special Condition of The Contract.

- B. Should the Design Consultant and the Program Manager concur as to the approval of a Contract Change Request, additional monies and/or time shall be added to the Contract through the execution of a Contract Change Order.
- C. If the Design Consultant and the Program Manager refuse to approve a Contract Change Request, no additional work shall be initiated, no additional time granted and no additional monies shall be added to the Contract.
- D. Should the Design Consultant and the Program Manager determine that work detailed in a Contract Change Request is included in the Contract Documents, and therefore should have been included in the Contractor's bid, the Contract Change Request shall be disapproved and no additional monies or time shall be added to the Contract. If it is deemed that said work is required as indicated by the Contract Documents, the Design Consultant and Program Manager reserve the right to require that the Contractor perform all said work in the Contract Change Request for the completion of the Work in accordance with the Contract Documents. The Contractor shall perform this work at no additional cost to the Owner and with no additional funds or time added to Contract.
- E. When work specified in a Contract Change Request entails the use of a subcontractor, the subcontractor must provide to the Contractor a detailed breakdown of costs. This shall include labor, materials, including units, and any other specific costs entailed for the completion of the work. The subcontractor shall also indicate its OH&P. This information shall be submitted in full for each subcontractor as part of the substantiating documentation required for each Contract Change Request. Bonding, insurance, administrative, supervisory, or other related overhead costs are considered a part of a subcontractor's overhead and shall not be included as additional costs.
- F. No money for general conditions will be considered where time only is added to the Contract by a Change Order.

13. INSPECTIONS BY GENERAL CONTRACTOR

- A. The Contractor's Job Superintendent shall submit to the Program Manager and to the Design Consultant, daily construction reports detailing all construction activity taking place each day. The daily construction reports shall indicate at minimum: the number of employees on site, the number of subcontractors and subcontractor's employees on site, a brief description of work activities, description of any delays and/or problems incurred, any interference with work and/or among trades, and weather conditions throughout the day. Each daily report shall indicate the date and time, and be submitted in sequence. The report shall be submitted by 10:00 a.m. the following day.
- B. The General Contractor's Superintendent or designated representative shall inspect all work performed by the General Contractor and all subcontractors. Upon his approval of the work, and after any and all required corrections to the work have been completed, the Design Consultant and Program Manager shall be notified in writing that the construction is ready for inspection. All items found by the Design Consultant in conjunction with Program Management which are not in conformance with the Contract Documents shall be corrected before local officials are called to perform inspections or tests.

14. PROGRESS MEETINGS

- A. Progress Meetings shall be scheduled by the Program Manager. The frequency of the meetings will be determined by the Program Manager in conjunction with the Design Consultant. The Contractor and/or representative, Design Consultant and/or his representative, the Program Manager and/or his representative, and all subcontractors whose work is in progress or who are within two weeks of initiating work, shall be present at these meetings.

15. TESTING

- A. The Owner has hired a testing agency that will be performing all construction and materials testing, as well as the Special Inspections required by the IBC. The General Contractor is responsible to notify the Owner's testing agency prior to performing any activities that require testing. Notification shall be provided from the General Contractor a minimum of 24 hours before said activities are scheduled to be performed. In the event that the item tested does not conform to the requirements of the Contract Documents, the General Contractor shall pay for said initial testing and any additional testing required while correcting the nonconforming work. The Owner/Program Manager/Design Consultant reserves the right to require additional testing.

16. COMPLETION OF FINAL PUNCH LIST ITEMS

- A. The Project Superintendent shall remain on site, on a full-time basis, until such time as the punch list items have been verified as 100% complete, by the design consultant.

17. PROJECT SIGNS (DELETE - PROJECT SIGN NOT REQUIRED)

SECTION 14240 - ELECTRIC TRACTION ELEVATOR

PART 1 - GENERAL

1.1 RELATED DOCUMENTS:

- A. Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 Specification sections apply to work of this section.
- B. Refer to other sections of these specifications for related work which is not work of this section, including electrical service with fused disconnect switches for elevator system, hoistway, pits, and machinery rooms with access, lighting, ventilation and services.

1.2 DESCRIPTION OF WORK:

- A. Extent of elevator work is indicated on the drawings, in schedules and by provisions of this section.
- B. Types of hydraulic elevator service required include the following:
 - 1. Passenger Elevators - Electric Traction (Integrated Service Controls and Software to be non-proprietary)
- C. Elevator schedules indicate required performances, controls, capacities, features and finishes for each elevator.
- D. Products Supplied But Not Installed Under this Section:
 - 1. Pit Ladder
 - 2. Inserts mounted in block walls for rail attachments
- E. Work Supplied Under Other Sections:
 - 1. Temporary lighting, including temporary lighting in hoistway for machine space with switch located in hoistway on the strike jamb side of top landing door.
 - 2. Main line disconnects for each elevator.
 - a. One non fused three phase permanent power in hoist way at top landing.
 - 3. Hoistway ventilation shall be in accordance with local and national building code requirements.
 - 4. Guide Rail Support shall be structurally adequate to extend from pit floor to top of hoistway, with spans in accordance with requirements of authority having jurisdiction and final layouts.
 - 5. Removable barricades at all hoistway openings, in compliance with OSHA 29 CFR 1926.502 in addition to any local code requirements.
 - 6. Lifeline attachments capable of withstanding 5000 lb load in accordance with OSHA 29 CFR 1926.502. Provide a minimum of 2 at the top, front of each hoistway.
 - 7. Pit lighting: Fixture with switch and guards. Provide illumination level equal to or greater than that required by ASME A17.1/CSA B44 2000, or applicable version.
 - 8. Control space lighting with switch. Coordinate switch with lighting for machine space as allowable by code.

1.3 RELATED SECTIONS:

- A. Related Sections Include:
 - 1. Temporary Facilities and Controls
 - 2. Concrete
 - 3. Unit Masonry
 - 4. Metal Fabrications

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5. Waterproofing
6. Heating, Ventilating, and Air Conditioning
7. Electrical
8. Voice Communications
9. Fire Detection and Alarm
10. Earthwork

1.4 QUALITY ASSURANCE:

- A. Manufacturer: Minimum of fifteen years experience in the fabrication, installation and service of elevators of the type and performance of the specified. The manufacturer shall have a documented quality assurance program.
- B. Installer Qualifications: Either the elevator manufacturer or a licensee of the manufacturer, who has not less than 5 years' successful experience with the installation of similar elevators.
- C. Inspection and Testing: In accordance with requirements of local jurisdiction, obtain required permits, inspections and tests.
- D. Regulatory Requirements:
 1. Elevator Code: Except for more stringent requirements as indicated or imposed by governing regulations (which must be complied with), comply with applicable requirements of ANSI/ASME A17.1, Safety Code for Elevators, and Escalators (hereinafter referred to as the "Code").
 2. NFPA Code: Comply with applicable NFPA codes, and specifically with sections relating to electrical work and elevators including the following.
 - a. ANSI/NFPA 70, National Electrical Code
 - b. ANSI/NFPA 80, Standard for Fire Doors and Fire Windows
 - c. ASME/ANSI A17.1, Safety Code for Elevators and Escalators.
 3. Fire Resistance of Entrances: Comply with NFPA No. 80 and provide units bearing UL labels with 30-min. temperature rise on labels.
 4. ADA Standards for Disabled: Except as otherwise indicated, comply with ADA Elevator Requirements for the Disabled, including clearances, handrails, locations for signal equipment and similar provisions.
 5. ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities

1.5 SUBMITTALS:

- A. Product Data: Submit manufacturer's detailed technical product data and installation instructions for each principal component or product and include certified test reports on required testing. List and described features of control system, performances, and operating characteristics.
 1. Cab design, dimensions and layout.
 2. Layout, finishes, and accessories and available options.
 3. Controls, signals and operating system.
 4. Color selection charts for cab and entrances.
- B. Shop Drawings: Submit plans, elevations and details of car enclosures and hoistway entrances. Prepare elevating diagrams to show service to each level. Show excavation requirements for jack.
 1. Clearances and travel of car.
 2. Clear inside hoistway and pit dimensions.
 3. Location and layout of equipment and signals.
 4. Car, guide rails, buffers and other components in hoistway.
 5. Maximum rail bracket spacing.
 6. Maximum loads imposed on building structure.

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7. Hoist beam requirements.
 8. Location and sizes of access doors.
 9. Location and details of hoistway door and frames.
 10. Electrical characteristics and connection requirements.
- C. Maintenance Manuals: Submit bound manual for each elevator with operating and maintenance instructions, parts listing, recommended parts inventory listing, purchase source listing for major and critical components, emergency instructions, and similar information.
1. Provide manufacturer's standard maintenance and operation manual.
- D. Diagnostic Tools:
1. Prior to seeking final acceptance for the completed project as specified by the Contract Documents, the Elevator Contractor shall deliver to the Owner any specialized tool(s) that may be required to perform diagnostic evaluations, adjustments, and/or parametric software changes and/or test and inspections on any piece of control or monitoring equipment installed. This shall include any specialized tool(s) required for monitoring, inspection and/or maintenance where the means of suspension other than conventional wire ropes are furnished and installed by the Elevator Contractor. Any and all such tool(s) shall become property of the Owner. Any diagnostic tool provided to the Owner by the Elevator Contractor shall be configured to perform all levels of diagnostics, systems adjustment and parametric software changes which are available to the Elevator Contractor. In those cases where diagnostic tools provided to the Owner require periodic recalibration/or re-initiation, the Elevator Contractor shall perform such tasks at no additional cost to the Owner for a period equal to the term of the maintenance agreement from the date of final acceptance of the completed project. During those intervals in which the Owner might find it necessary to surrender a diagnostic tool for re-calibration, re-initiation, or repair, the Elevator Contractor shall provide a temporary replacement for the tool at no additional cost to the Owner. The Elevator Contractor shall deliver to the Owner, printed instructions for the proper use of any tool that may be necessary to perform diagnostic evaluations, system adjustment, and/or parametric software changes on any unit of microprocessor-based elevator control equipment and means of suspension other than standard elevator steel cables furnished and install by the Elevator Contractor. Accompanying the printed instructions shall be any and all access codes, password, or other proprietary information that is necessary to interface with the microprocessor-control equipment.
- E. Samples: Submit samples of exposed finishes of car enclosures, hoistway entrances, and signal equipment. Provide 6" to 8" square samples of sheet materials and 10" to 12" lengths of running trim members.
- F. Certificates and Permits: Provide Owner with copies of all inspection/acceptance certificates and operating permits as required by governing authorities to allow normal, unrestricted use of elevators.

1.6 DELIVERY, STORAGE AND HANDLING

- A. Comply with manufacturer's recommendations for delivery, storage and handling.
- B. If the construction site is not prepared to receive the elevator equipment at the agreed ship date, the General Contractor shall be responsible to provide a safe, dry, and easily accessible storage area on or off the premises. Additional labor costs for double handling will be the responsibility of the general contractor.
- C. Delivered elevator materials shall be stored in a protected environment in accordance with manufacturer recommendations. A minimum storage area of 10 feet by 20 feet is required adjacent to the hoistway.

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1.7 MAINTENANCE AND WARRANTY:

- A. Maintenance Service: Provide full maintenance service by skilled, competent employees of the elevator Installer for period of 12 months following date of substantial completion.
- B. Include monthly preventive maintenance, performed during normal working hours. Include repair/replacement of worn or defective parts or components and lubrication, cleaning and adjusting as required for proper elevator operation in conformance with specified requirements. Include 24 hour/day, 7 days/week emergency callback service. Exclude only repair/replacement due to misuse, abuse, accidents or neglect caused by persons other than Installer's personnel.
- C. Warranty: Provide special project warranty, signed by Contractor, Installer and Manufacturer, agreeing to replace/ repair/restore defective materials and workmanship of elevator work during warranty period. "Defective" is hereby defined to include, but not by way of limitation, operation or control system failures, performances below required minimums, excessive wear, unusual deterioration or aging of materials or
- D. finishes, unsafe conditions, the need for excessive maintenance, abnormal noise or vibration, and similar unusual unexpected and unsatisfactory conditions.
 - 1. The warranty period is 12 months starting on date of substantial completion of the project.
- E. Warranties: Provide coincidental product warranties where available for major components of elevator work. Submit with maintenance manuals.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS:

- A. Provide AC gearless machine room-less elevator systems subject to compliance with the design and performance requirements of this specification. Elevator manufacturers may include but are not limited to one of the following:
- B. Manufacturer: Subject to compliance with requirements, provide products of one of the following:
 - 1. Schindler Elevator Corporation (basis of design)
 - 2. Otis Elevator Co.
 - 3. Dover Corp.
 - 4. Westinghouse Elevator Co.

2.2 MATERIALS AND COMPONENTS

- A. General Requirements: Provide manufacturer's standard pre-engineered elevator systems which will comply with or fulfill the requirements of elevator schedule sheets at end of this section. Where components are not otherwise indicated, provide standard components, published by manufacturer as included in standard pre-engineered elevator systems, and as required for a complete system. **Service Controls and Software to be non-proprietary.**

2.3 REFERENCES

- A. American National Safety Code for elevators, dumbwaiters, escalators, and moving walks, ANSI/ASME A17.1, National Electric Code, Local and State Codes, all latest editions.

2.4 RELATED WORK

- A. To complete the elevator installation, the following relative items shall be furnished by the General Contractor in accordance with governing codes:

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1. Properly framed and enclosed legal hoistways, including venting as required by the governing code or authority.
2. Adequate rail bracket supports, bracket spacing as required by governing code.
3. Dry pit reinforced to sustain normal vertical forces from rails and impact loads from buffer and cylinders.
4. Where access to a pit over 3'-0" in depth is by means of the lowest hoistway entrance, a vertical iron ladder extending 42" minimum above sill of access door.
5. Finish floor to finish floor rise tolerance is +0" and -1".
6. Hoistway walls shall be constructed in accordance with the required fire rating including where penetrated by elevator fixture boxes. Rough opening size as required by Elevator shop drawings. Provide blockouts in pit.
7. Any cutting, including cutouts to accommodate hall signal fixtures, patching, and painting of walls, floors, or partitions together with finish painting of entrance doors and frames.
8. A fused disconnect switch or circuit breaker for each elevator per the National Electrical Code with feeder or branch wiring to controller. Size as shown on Electrical shop drawings.
9. A 120 volt, AC, 15 amp, single phase power supply with fused SPST disconnect switch for each elevator, with feeder wiring to each controller for car lights.
10. Convenience outlet and light fixture in pit with switch located adjacent to the access door.
11. Telephone instrument or means within each car for communicating or signaling to an accessible point outside the hoistway or central exchange system or approved emergency service, unless stated elsewhere in the specifications.
12. A smoke detector system, as required, with wiring from the sensing devices to each elevator controller.
13. Guarding and protecting hoistways during construction. The protection of hoistways shall include solid panels surrounding each hoistway opening at each floor, a minimum of 48" high. Hoistway guards to be erected, maintained, and removed by others.
14. All electric power for lights, tools, hoists, etc., during erection, as well as electric current for starting, testing, and adjusting the elevator.
15. Flooring for cab enclosure.

2.5 DESCRIPTION OF ELEVATOR

Main Data

Product	Schindler 3100
Application	3300 MRL
Capacity	2500 Lbs General Purpose - Class A
Speed	100 FPM
Travel	15 ft 4 in
Future Travel	None
Cwt Location	Side
Stops	2 (2 Front / 0 Rear)
Power Supply	208 Volts 60 Hz 3 Phase
Sprinklers in Hoistway	Yes
Doors	Two Speed Side Opening
01 Left Hand	
IBC Year	2021
Opening Size	3 Ft. 6 In. X 7 Ft. 0 In.
Cab Height	7 Ft. 9 In.
Cab Type	3300 Cab
Pit Depth	5 Ft. 0 In.
Overhead	12 Ft. 7 In.
Inside Cab Width	6 Ft. 9 5/16 In.
Inside Cab Depth	4 Ft. 4 13/16 In.
Hoistway Width	8 Ft. 6 In.
Hoistway Depth	5 Ft. 9 In.
Seismic Equipment	No
ANSI Year	2019

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NFPA Code Year	2013
Not Stretcher Car Compliant	
Cab	
Cab Panels	None
Cab LH Wall	441 #4 Stainless Steel
Cab RH Wall	441 #4 Stainless Steel
Cab Rear Wall	441 #4 Stainless Steel
Cab Base	Skirting Flush
Base, Frieze, Reveal	Aluminum
Front, Return, Transom	441 #4 Stainless Steel
Cab Doors	441 #4 Stainless Steel
Canopy	Schindler
Ceiling	LED Down Light - Round Spots Stainless Steel 441
Cab Threshold	Aluminum
Sill Extensions Included	
Handrail Type	Straight Rectangular
Handrail Finish	Brushed Aluminum
Handrail Location	Sides & Rear
Handrail Row Qty	1
Platform Recess	0.375
Protective Pads	1 Set(s)
Protective Pads Source	Schindler
Cab Finished Floor	Carpet By Others

2.6 ADDITIONAL INFORMATION

Entrances

Entrance Doors	(2) 441 #4 Stainless Steel
Entrance Frames & Qty	(2) 441 #4 Stainless Steel
Entrance Sill & Qty	(2) Aluminum
Sill Mounting	(2) Easy Match
3D Door Detection	
Emergency Escutcheons	

Fixtures

Car Fixture Type	Standard
Car Fixture Finish	Stainless Steel 301
1 Main COP	
Certificate Frame	
Voice Annunciator	
Hall Fixture Type	STD-Wall Mounted
Hall Fixture Push Button	Sandblasted Stainless Steel 304
Finish	
Hall Fixture Faceplate	Brushed Stainless Steel 304
Finish	
(1) Separate FER Switch	
(2) Combination H.L. & P.I.	

Options and Miscellaneous

New Product Service	12 Months, 8 Hours Callback
Visual Comm. device per IBC 2018/A17.1-2019	
Audible Gong (Std)	
Infrared Door Protection (Std)	
Phase Monitor Relay (Std)	
Independent Service/HES (Std)	
LDU (Control in Jamb)	
Top Exit Lock	
Car Cardreader Provisions Card Reader by Others	

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FER Door Operator
T127 Rails
Keyed Switch Emergency Stop Switch
Top Exit Switch
ADA Compliant Phone
Sliding Guide Shoes
Automatic Evacuation
1 Speed Fan
2 Hoistway Access Switches
Firefighter's Service Phase 2
Class B Fire Rating For Cab
Top Exit Guard
Pressure Switch
Pit Ladder Source: Schindler
Platform Light/GFCI Outlet
Smoke Detector Provisions
STM - Regular, No Fire Retardant

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Field measure and examine substrates, supports, and other conditions under which elevator work is to be performed.
- B. Do not proceed with work until unsatisfactory conditions are corrected.
- C. Prior to start of Work, verify hoistway is in accordance with shop drawings. Dimensional tolerance of hoistway from shop drawings: -0 inches +2 inches. Do not begin work of this section until dimensions are within tolerances.
- D. Prior to start of Work, verify projections greater than 2 inches (4 inches if ASME A17.1/CSA B44 2000 applies) must be beveled not less than 75 degrees from horizontal.
- E. Prior to start of Work, verify landings have been prepared for entrance sill installation. Traditional sill angle or concrete sill support shall not be required.
- F. Prior to start of Work, verify elevator pit has been constructed in accordance with requirements, is dry and
- G. reinforced to sustain vertical forces, as indicated in approved submittal. Verify that sumps or sump pumps
- H. located within pit will not interfere with installed elevator equipment.
- I. Prior to start of Work, verify control space has been constructed in accordance with requirements, with access coordinated with elevator shop drawings, including Sleeves and penetrations.
- J. Verify installation of GFCI protected 20-amp in pit and adjacent to each signal control cabinet in control space.

3.2 PREPARATION

- A. Coordinate installation of anchors, bearing plates, brackets and other related accessories.

3.3 INSTALLATION

- A. Install equipment, guides, controls, car and accessories in accordance with manufacturer installation methods and recommended practices.

- B. Properly locate guide rails and related supports at locations in accordance with manufacturer's recommendations and approved shop drawings. Anchor to building structure using isolation system to minimize transmission of vibration to structure.
- C. All hoistway frames shall be securely fastened to fixing angles mounted in the hoistway. Coordinate installation of sills and frames with other trades.
- D. Lubricate operating system components in accordance with manufacturer recommendations.
- E. Perform final adjustments, and necessary service prior to substantial completion.

3.4 CONSTRUCTION

- A. Interface with Other Work:
 - 1. Guide rail brackets attached to steel shall be installed prior to application of fireproofing.
 - 2. Coordinate construction of entrance walls with installation of door frames and sills.
 - 3. Maintain front wall opening until elevator equipment has been installed.
 - a. Ensure adequate support for entrance attachment points at all landings.
 - b. Coordinate wall openings for hall push buttons, signal fixtures and sleeves. Each elevator requires sleeves within the hoistway wall.
 - c. Coordinate emergency power transfer switch and power change pending signals as required for termination at the primary elevator signal control cabinet in each group.
 - d. Coordinate interface of elevators and fire alarm system.
 - e. Coordinate interface of dedicated telephone line.
 - f. Coordinate the installation of the non fused three phase permanent power disconnect in hoist way at top landing

3.5 TESTING AND INSPECTIONS

- A. Perform recommended and required testing in accordance with authority having jurisdiction.
- B. Obtain required permits and provide originals to Owner's Representative.

3.6 DEMONSTRATION

- A. Prior to substantial completion, instruct Owner's Representative on the proper function and required daily maintenance of elevators. Instruct personnel on emergency procedures.

END OF SECTION