WILL ROGERS BIRTHPLACE RANCH HOME RESTORATION

OOLOGAH, OKLAHOMA

CHEROKEE NATION CULTURAL AND ECONOMIC DEVELOPMENT, LLC

PROJECT SPECIFICATIONS MANUAL

DATE: SEPTEMBER 26, 2024

STATE OF OKLAHOMA
GARY W. SPARKS
1248
TULSA, OKLA.
LICENSED ARCHITECT

9-26-24

EDG
NATIVE AMERICAN STUDIO

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PROJECT SPECIFICATIONS MANUAL

WILL ROGERS BIRTHPLACE RANCH HOME RESTORATION
OOLOGAH, OKLAHOMA

ARCHITECTURAL

PART 1 - GENERAL

1.01 RELATED REQUIREMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Owner Name.

B. Project Name.

C. Protection of Existing Historic Home.

D. Applicable Restoration Guidelines Document.

E. Modification of Existing Structural Components.

F. Scope of Work.

1.03 OWNER NAME

Cherokee Nation Cultural and Economic Development, LLC.

1.04 PROJECT NAME

Will Rogers Birthplace Ranch Home Restoration.

1.05 PROTECTION OF EXISTNG HISTORIC HOME

The Will Rogers Home is listed on the National Register of Historic Places. The home is a significant and vital asset of the Cherokee Nation and in a broader sense is a United States national treasure. All effort and energy is to be exerted to protect the home from damage and impact by the restoration construction activities and weather during the duration of the Work. Provide temporary barricades, coverings and protection.

1.06 APPLICABLE RESTORATION GUIDELINES DOCUMENT

Comply with Secretary of the Interior’s Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

1.07 MODIFICATION OF EXISTING STRUCTURAL COMPONENTS

No removal, cutting, drilling or notching of existing structural components not shown on the Drawings is to occur without written approval of the Project Structural Engineer.

1.08 SCOPE OF WORK BY CONSTRUCTION MANAGER OR GENERAL CONSTRACTOR.

A. Provide Project Administration.

B. Provide all labor, products, materials necessary to construct the Work in conformity with the Drawings and Specifications and including labor, materials, products, equipment rental, permits, utility cost, transportation costs and tool and equipment rental costs.

C. Provide Temporary Construction, Facilities and Controls.

D. Schedule and coordinate required Testing and Inspections.

E. Process Submittals and construction related documents.

F. Obtain Certificate of Occupancy.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

Not applicable to this Section.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 LEAD-BASED PAINT INSPECTION

There is Lead-Based Paint inside the Home. Refer to Drawings.

1.03 ASBESTOS SURVEY

An Asbestos Survey of the Home was conducted by Earth Tech Enterprises, Inc. No asbestos was found.

1.04 RADON SURVEY

A radon Survey of the Home was conducted by AccurStar, October 21-October 22, 2020. The measured radon results were lower than the EPA action level of 4pCi/I.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 - EXECUTION

Not applicable to this Section.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Code and Regulation Compliance

B. OHSA Compliance

1.03 CODES AND REGULATIONS

A. The Work shall comply with applicable Federal, State, County and Cherokee Nation codes and regulations.

B. Primary Codes and Regulations:

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

International Existing Building Code 2018 Edition
ICC ANSI A117.1 2009 Edition
International Fuel Gas Code 2018 Edition
International Mechanical Code 2018 Edition
International Plumbing Code 2018 Edition
International Fire Code 2018 Edition
National Electrical Code 2020 Edition
NFPA 13, 2016 Edition

1.04 OSHA COMPLIANCE

Comply with Federal and State of Oklahoma OSHA requirements.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

Not applicable to this Section.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Referenced Applicable Standards.

B. Definitions.

C. Abbreviations.

1.03 REFERENCED APPLICABLE STANDARDS

A. Applicability of Referenced Standards: For products or workmanship specified by Association, trade or Federal standard comply with requirements of the referenced standard, except when more rigid requirements are specified or are required by the Specifications, Drawings or applicable codes. Referenced standards have the same force and effect as if bound or copied directly into the Contract Documents. Referenced standards are a part of the Contract Documents.

B. Publication Dates: Where the date of issue of a referenced standard is not specified, comply with the standard in effect as of bid or installation date.

C. Upon request by Architect, the Construction Manager or General Contractor shall provide at project site a copy of referenced standard(s) referred to in the Specifications. Standards are to be maintained in the project office library for use by the Architect and Architect’s consultants.

D. Conflicting Requirements: Where compliance with two or more standards is specified, and the standards establish different or conflicting requirements for minimum quantities or quality levels. The higher quantity or higher quality is to be used.

E. Minimum Quantity or Quality Levels: The quantity or quality level called for in the standard shall be the minimum to be provided and/or performed.

1.04 DEFINITIONS

A. Approved:
   1. Where “Approved” is used in conjunction with the Architect/Engineer's response to Submittals by the Construction Manager or General Contractor, the term will be held to limitations of the Architect/Engineer's responsibilities and duties as specified in the General Conditions of the Contract. In no case will the Architect/Engineer's approval be interpreted as a release of the Contractor from responsibilities to fulfill requirements of the Contract Documents.
   2. "Approved", "As Directed", "Acceptable", "Rejected" or others of similar meaning which authorize any exercise of judgment shall be distinctly understood to mean that such power to direct, accept, reject, and approve shall be vested only in the Owner, Architect and/or Project Engineers.

B. Building: Includes building envelope, structure, building contents, mechanical systems, electrical systems and plumbing systems.

C. Directed: This term and others, such as requested, authorized, selected, approved, required and permitted means directed by the Architect, requested by the Architect, and similar phrases, unless otherwise indicated. However, no such implied meaning will be interpreted to extend Architect responsibility into Contractor's area of supervision.

D. Drawings: That portion of the Contract Documents consisting of the drawing plans and details for the Work.

E. Furnish: Except as otherwise defined in greater detail, the term "furnish" is used to mean, "supply and deliver to the Site, ready for unloading, unpacking, assembly, installation, and similar operations", as applicable in each instance.

. Indicated: This term refers to graphic representations, notes, or schedules on the Drawings, or other paragraphs or Schedules in the Specifications, and similar requirements in the Contract Documents. Terms such as "shown, noted, scheduled; and specified", are used to help the reader locate the reference. Location is not limited.

G. Install: Except as otherwise defined in greater detail, the term "install" is used to describe operations at Site including the actual "unloading, unpacking, assembly, erection, placing, anchoring, applying, working to dimension, finishing, curing, protecting, cleaning and similar operations," as applicable in each instance.

H. Installer: The Contractor or another entity engaged by the Contractor, either as an employee, subcontractor, or contractor of lower tier, to perform a particular construction activity, including installation, erection, application, and similar operations. Installers are required to be experienced in the operations they are engaged to perform.
   1. The term experiences, when used with the term installer, means having a minimum of 5 previous projects similar in size and scope to this Project, complied with requirements of the authority having jurisdiction.
   2. Trades: Using terms such as carpentry does not imply that certain construction activities must be performed by accredited or unionized individuals of a corresponding generic name, such as carpenter. It also does not imply that requirements specified apply exclusively to trades persons of the corresponding name.
   3. Assigning Specialists: Certain Sections of the Specifications require that specific construction activities shall be performed by specialists who are recognized experts in those operations. The specialists must be engaged for those activities, and their assignments are requirements over which the Contractor has no option. However, the ultimate responsibility for fulfilling Contract requirements remains with the Contractor.
      a. This requirement shall not be interpreted to conflict with enforcing building codes and similar regulations governing the Work. It is also not intended to interfere with local trade union jurisdictional settlements and similar conventions.

I. Materials: Materials incorporated in the Project or used or consumed in the performance of the Work.

J. N.I.C. or NIC: Where the indication "N.I.C." or “NIC” is noted on the Drawings or listed in the Specifications, such item is shown or listed for the purpose of general information and is not in the Contract or Work. Installation and connection to services for such Work are not in the Contract.

K. Project: The total construction of which the Work performed under the Contract Documents may be the whole or a part and which may include construction by the Owner or by separate contractors.

L. Provide: The term "Provide" means "to furnish and install, complete and ready for intended use", as applicable in each instance.

M. Refurbish: The term “Refurbish” means to modernize, renovate or restore a item or product to a like-new condition.

N. Regulations: This term includes laws, ordinances, statutes, and lawful orders issued by authorities having jurisdiction, as well as rules, conventions, and agreements within the construction industry that control performance of the Work.

O. Responsible: A bidding party possessing the skill, judgment, integrity, experience and financial ability necessary to timely perform and complete the Project or work being bid or performed.

P. Similar: Shall be taken in it’s general sense and not meaning identical, and details of such work shall be in proper relation to the location and connection of other parts of the Work.

Q. Site: Construction Site or Project Site is the space available to the Construction Manager or General Contractor for performing construction activities. The extent of the Site may or may not be identical with the description of the land on which the Project is to be built.

R. Specifications: That portion of the Contract Documents consisting of the written requirements for products, materials, equipment, construction systems, standards and workmanship for the Work.

S. Testing Agencies: A testing agency is an independent entity engaged to perform specific inspections or tests, and to report on and, if required, to interpret results of those inspections or tests.

T. Work: The construction and services required by the Contract Documents.

1.05 ABBREVIATIONS

Trade Association Name Abbreviations: Trade association names and titles of Applicable Standards are sometimes abbreviated or used in acronym form. When such abbreviations or acronyms are used in the Drawings or Specifications, they mean the recognized name of the trade association, standards generating organization, authority having jurisdiction, or other entity applicable to context of the text provision.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

Not applicable to this Section.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes: Relationship of the Drawings and Specifications.

B. Related Work: Project Administration – Section 01400.

1.03 RELATIONSHIP OF THE DRAWINGS AND SPECIFICATIONS

A. The Drawings and Specifications are intended to be complementary. What is required by one shall be as if required by both.

B. In the event of a possible conflict between two Drawings or between a Drawing and Specification item the Drawing or Specification calling for the greater quantity, higher quality and/or greater extent shall govern.

C. See Project Administration – Section 01400 for resolution of possible Drawing and Specification conflicts.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

Not applicable to this Section.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included:
1. Protection of Existing Historic Home
2. Protection of Existing Site Features, Lawns and Landscaping
3. Cleaning and Disposal of Paint, Coatings, Brushes and Spray Equipment.
4. Construction Trailer
5. Parking
6. Lighting
7. Heating, Cooling and Ventilation
8. Toilet Facilities
9. Barricades at Excavations and Trenching
10. Construction Waste and Recycled Material Control
11. Worker and Public Safety Notification Signage
12. Fire Extinguishers

B. Related Sections:
1. Cleaning – Section 01700.
2. Project Closeout - Section 01900.

1.03 PROTECTION OF EXISTING HISTORIC HOME

The Will Rogers Home is listed on the National Register of Historic Places. The Home is a significant and vital asset of the Cherokee Nation and in a broader sense is a national treasure. All effort and energy is to be exerted to protect the Home from damage by restoration construction activities and the weather during the duration of the Work. Provide temporary barricades, coverings and protection.

1.04 PROTECTION OF EXISTING SITE FEATURES, LAWNS AND LANDSCAPING

Provide temporary barricades, coverings and protection of existing site features, lawns and landscaping.

1.05 CLEANING AND DISPOSAL OF PAINT, COATINGS, BRUSHES AND SPRAY EQUIPMEMT

Contractor may use plumbing fixtures in work areas for cleaning and disposal of water-based coatings. No cleaning of solvent-based coatings is to occur into plumbing fixtures. No cleaning of water-based or solvent-based paint and coatings is to occur on paving, walkways or lawn areas.

1.05 CONSTRUCTION TRAILER

Provide conditioned construction trailer with conference table and eight chairs minimum, and copy machine.

Provide the following documents:

Copy of Drawings and Project Specification Manual.

The Secretary of the Interior’s Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

Binder(s) containing issued all Addendum, ASI, RFI and Construction Observation Reports.

1.06 PARKING

Construction personnel are to park in existing paved parking areas only. Parking on existing lawn areas is prohibited.

1.05 LIGHTING

A. Provide adequate lighting for construction operations.

B. Installed permanent lighting may be used during construction.

1.06 HEATING, COOLING AND VENTILATION

A. Provide heating, cooling and ventilation as required to maintain specified conditions for construction operations and to protect materials and finishes from damage due to temperature or humidity.

B. Permanent installed HVAC equipment may be used.

C. Provide heating, cooling and ventilation of enclosed areas to cure materials to disperse humidity and to prevent accumulations of fumes, vapors and gases.

1.08 TOILET FACILITIES

Provide and maintain temporary toilet facilities. Comply with toilet quantities required by Federal OSHA.

1.09 BARRICADES AT EXCAVATIONS AND TRENCHING

A. Provide all barricades and caution warnings required by Federal OSHA Trenching and Excavation Safety document (OHA 2226-10R 2015).

B. Open excavations and trenches outside of the construction enclosure fence shall be covered by a minimum of 3/4" plywood sheeting or material appropriate to width of opening and surrounded with caution warning tape.

C. Provide barriers around existing trees and landscaping adjacent to the construction. Protect existing trees and plants from damage.

1.10 BUILDING ENCLOSURES

Provide temporary weather tight closures of openings in the exterior walls and roof.

1.11 PROTECTION OF INSTALLED WORK

A. Provide temporary protection for installed products and materials.

B. Control vehicular traffic to prevent damage to installed work.

C. Provide protective coverings of walls, projections, jambs, sills, and soffits of openings. Protect finished floors from damage by traffic, movement of heavy objects and storage.

D. Control and limit traffic on installed roof.

E. Vehicle traffic and storage on lawn is prohibited.

1.12 CONSTRUCTION WASTE AND RECYCLED MATERIAL CONTROL

A. Do not allow the accumulation of construction waste material, material to be recycled, rubbish or debris to develop inside building or on the site.

B. Provide on-site containers for general waste material debris and rubbish collection.

C. Provide on-site containers for recycled material collection.

1.13 WORKER AND PUBLIC SAFETY NOTIFICATION SIGNAGE

Provide all worker and public safety notification signage required by the Federal and Oklahoma OHSA. Signage to be located in common area used daily by construction workers.

1.15 FIRE EXTINGUISHERS

Provide temporary extinguisher(s) in building during construction in accordance with 2018 International Fire Code (IFC) Chapter 6 requirements.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

3.01 Removal:

A. Remove temporary construction, facilities and controls prior to Substantial Completion inspection.

B. Clean and repair damage caused by installation or use of temporary facilities. Restore existing facilities and components used and impacted during the construction to specified or to original condition.

C. Replace filters in HVAC equipment which have been used for heating, cooling and ventilation during the construction.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Construction Manager or General Contractor Responsibility.

B. Owner Responsibility.

C. Compliance with 2018 International Building Code (IBC) Chapter 17 Testing and Inspections.

D. Schedule of Required Concrete Compression Testing.

E. Approved Testing Laboratories.

F. Reports Distribution.

1.03 CONSTRUCTION MANAGER OR GENERAL CONTRACTOR RESPONSIBILITY

A. Schedule and coordinate Testing and Inspections.

B. Distribute Testing and Inspection Reports unless otherwise noted.

C. In event that Testing and/or Inspection component of the Work fails the of cost of additional Testing and/or Inspection is the responsibility of the Construction Manager or General Contractor including additional cost the Project Structural Engineer.

1.04 OWNER'S RESPONSIBILITY

Payment for earthwork Construction Observation, Testing and Inspection costs excluding Inspections by the Project Structural Engineer.

1.05 INTERNATIONAL BUILDING CODE (IBC) CHAPTER 17 REQUIREMENTS TESTNG AND INSPECTIONS

A. At beginning of project the Project Structural Engineer shall prepare Statement of Special Inspection – Structural (SSIS) and submit to:

Construction Manager or General Contractor
Architect
Owner
Building Official

B. At completion project the Project Structural Engineer to collate Final inspection Reports for the project and submit to:

Construction Manager or General Contractor
Architect
Owner
Building Official

1.06 SCHEDULE OF REQUIRED CONCRETE COMPRESSION TESTING

Footings: 4 cylinders minimum per 50 cubic yards of concrete placement.

Conduct compression tests on 2 cylinders at 7 days and 2 cylinders 28 days.

1.08 APPROVED TESTING LABORATORIES

Aimright Testing and Engineering, LLC, Tulsa, OK

Terracon, Tulsa, OK

Building and Earth, Tulsa, OK

GFAC Engineering, Tulsa, OK

1.09 TESTING REPORTS DISTRIBUTION

Submit Reports to:

Construction Manager or General Contractor
Project Structural Engineer
Architect
Owner

1.10 INTERNATIONAL BUILDING CODE (IBC) CHAPTER 17 FINAL REPORTS DISTRIBUTION

Submit Reports to:

Construction Manager or General Contractor
Architect
Owner

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

Not applicable to this Section.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Site Access / Architect and Architect's Design Consultants On Site Control.

B. Possible Drawing and Specification Inconsistencies or Conflicts.

C. Standard of Workforce Conduct.

D. Requests for Information (RFI).

E. Architect's Supplementary Instructions (ASI)

F. Construction Observation Reports (COR)

1.03 SITE ACCESS / ARCHITECT AND ARCHITECT'S DESIGN CONSULTANTS ON SITE CONTROL

A. The Construction Manager or General Contractor shall provide access to the Owner, Architect, Architect's Engineer consultants and Inspection and Testing companies to all parts of the Work at all times.

B. The Architect and the Architect's Engineer consultants do not have any responsibility for structural or life safety management, supervision, coordination or inspection. If a hazardous or unsanitary condition is observed by the Architect or the Architect's Engineer consultants it will be reported to the Construction Manager or General Contractor.

C. During the review of the Work by the Architect and the Architect's Engineer consultants, the Architect or Architect's Engineer consultants will review Work with the Construction Manager's representative or General Contractor's representative noting potential problem areas. Potential problem items and/or areas will be brought to the attention of the Construction Manager or General Contractor .

1.04 POSSIBLE DRAWING AND SPECIFICATION INCONSISTENCIES OR CONFLICTS

A. Possible inconsistencies or conflicts in the Drawings or Specifications shall be promptly brought to the attention of the Architect. During construction the Construction Manager or General Contractor shall use a RFI to communicate the possible inconsistency or conflict to the Architect. See RFI form in Section 01410.

B. The Architect or the Architect's consultant will provide explanation or resolution of the inconsistency or conflict to the Construction Manager or General Contractor with copy to the Owner.

1.05 STANDARD OF WORKFORCE CONDUCT

The Construction Manager or General Contractor shall enforce the following standards of conduct throughout the course of the Contract for employees, subcontractors, subcontractor employees, management personnel and suppliers:

A. The use of drugs or alcohol on the Owner's property is prohibited.

B. No handguns.

1.06 REQUEST FOR INFORMATION (RFI)

A. During construction the Construction Manager or General Contractor shall obtain information or interpretation of the Drawings or Specifications from the Architect and the Architect's Engineer consultants by use of a Request for Information RFI.

B. The Construction Manager or General Contractor shall utilize the RFI form Section 01400A. RFI's shall be number sequentially. The RFI shall be submitted to the Architect. The Architect and/or the Architect's

Engineer consultants by shall provide the requested information or interpretation on the RFI. The Architect shall return the RFI to the Construction Manager or General Contractor and provide copy to the Owner. The Construction Manager or General Contractor shall distribute copies of Architect's response to concerned subcontractors and suppliers.

C. In the event the response from the Architect or Architect's Engineer consultants causes the project cost or length of construction to increase or decrease the Construction Manager or General Contractor shall notify the Architect within three (3) working days of receipt of the RF by the Construction Manager or General Contractor. Notification to include dollar change amount and description of time impact in calendar days.

D. Changes to the Drawings or Specifications which increase the construction cost and/or construction time shall not be made until written approval is received from the Architect by the Construction Manager or General Contractor. Upon approval by the Owner, the Architect will issue a Change Notice to Proceed to the Construction Manager or General Contractor.

1.07 ARCHITECT'S SUPPLEMENTARY INSTRUCTIONS (ASI)

A. After award of a Construction Contract the Architect shall modify the Drawings and/or Specifications by means of an ASI. ASI shall be submitted by the Architect to the Construction Manager or General Contractor and provide copy to the Owner. The Construction Manager or General Contractor shall distribute copies of the ASI to effected subcontractors and suppliers.

B. In the event the ASI causes the project cost or length of construction to increase or decrease the Construction Manager or General Contractor shall notify the Architect within three (3) working days of receipt of the ASI. Notification to include dollar change amount and description of time impact in calendar days.

C. Changes to the Drawings or Specification which increase the construction cost and/or construction time shall not be made until written approval is received from the Architect. Upon approval by the Owner, the Architect will issue a Change Notice to Proceed to the Construction Manager or General Contractor.

1.08 CONSTRUCTION OBSERVATION REPORTS (COR)

Observations and communications made in periodic reviews of the Work or of specific components of the construction by the Architect and the Architect's Engineer consultants will be communicated in writing to the Construction Manager or General Contractor and Owner by a Construction Observation Report (COR).

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

Not applicable to this Section.

END OF SECTION

RFI #____

REQUEST FOR INFORMATION

PROJECT: WILL ROGERS BIRTHPLACE RANCH
HOME RESTORATION
OOLOGAH, OK

DATE: _____

BY: _____

TO:

INFORMATION OR INTERPRETATION REQUIRED:

RESPONSE:

BY: **DATE:**

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Preconstruction Conference.

B. Construction Progress Meetings.

C. Pre-Installation Conferences.

1.03 PRECONSTRUCTION CONFERENCE

A. Preconstruction Conference: The Construction Manager or General Contractor shall coordinate and conduct a Preconstruction Conference.

B. Preconstruction Conference Schedule, Attendance Participants and Agenda:

1. Schedule: Within ten (10) calendar days of construction start date established in the Notice to Proceed.

2. Attendance Participants:
Construction Manager or General Contractor Representative.
Construction Superintendent (If applicable).
Owner's Representative.
Architect's Representative.
Mechanical, Electrical and Fire Sprinkler Design Consultant Representative(s).
Major Subcontractors – Mechanical, Electrical and Fire Sprinkler.

3. Agenda:

Distribute and Discuss the following:
1) Notice to Proceed.
2) List of major Subcontractors and Suppliers
3) Review Project Construction Schedule

Designate Responsible Personnel:
1) Owner Representative
2) Construction Manager's or General Contractor's Representative
3) Architect Representative
4) Construction Superintendent (If Applicable)
5) Mechanical Subcontractor Superintendent
6) Electrical Subcontractor Superintendent

Status of Bonds and Insurance (If applicable).

Historic Preservation:
1) Preservation and Protection of the Historic Will Rogers Home Asset.
2) Concealed mechanical, electrical and fire sprinkler inside Will Rogers Home.
3) The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

Processing of the following:
1) RFI
2) ASI (Architect Supplementary Instructions)
3) Submittals

4) Construction Manager or General Contractor Review of Submittals Prior to Submission to Architect (Product Literature and Shop Drawings).
Color Selection Requirement. Selections will not be made until all color selection submittals are received by Architect.
5) Applications for Payment
6) Change Orders

Construction Progress Meetings:
1) Bi-Weekly.
2) Establish Progress Meeting Schedule.
3) Construction Progress Meeting Agenda: Preparation and Distribution of Agenda three (3) days prior to Construction Progress Meeting.

Required Testing and Inspection
Statement of Special Inspection – Structural (SSIS).

Construction Facilities and Temporary Controls

Workforce Protocols

Environmental Protection

Post-Construction Submittal Requirements:
1) Operation and Maintenance Manuals.
2) Warranties and Guarantees.
3) As-Built Drawings.
4) Maintenance Materials.

Fire Sprinkler System

Other

1.04 CONSTRUCTION PROGRESS MEETINGS

A. The Construction Manager or General Contractor shall coordinate and conduct Bi-Weekly Project Meetings throughout the duration of the Work.

B. Attendance Participants:
Construction Manager or General Contractor Representative
Construction Superintendent (If applicable)
Owner Representative
Architect Representative
Mechanical, Electrical and Fire Sprinkler Design Consultant Representatives may attend as appropriate to subject under discussion.
Subcontractors and suppliers may attend as appropriate to subject under discussion.

C. Preparation and Distribution of Agenda:
The Construction Manager or General Contractor shall prepare the Meeting Agenda and distribute the Agenda to the Meeting attendance participants a minimum of three (3) working days prior to the Meeting date.

D. Construction Progress Meeting Agenda:
Review of Work progress, status of Construction Schedule and adjustments thereto, delivery schedules, Submittals, maintenance of quality standards, RFI, pending changes and substitutions and other items affecting progress of the Work.

1.05 PRE-INSTALLATION CONFERENCES

A. The Construction Manager or General Contractor shall coordinate and conduct a Pre-installation Conference prior to Wainscot Removal and Reinstallation, and Painting.

B. Require attendance of entities directly affecting or affected by the work.

C. Review conditions of installation, preparation and installation procedures, and coordination with related work.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

Not applicable to this Section.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY

Construction Schedule.

1.03 PROJECT CONSTRUCTION SCHEDULE

A. General:
   1. The Construction Manager or General Contractor shall prepare a Construction Schedule.
   2. The Schedule will be used by the Owner and Architect for review and approval of Pay Requests by the Construction Manager or General Contractor.

B. Content and Format:
   1. Prepare the Schedule using a computerized construction scheduling program.
   2. Show clear indication start and completion of the Work and, intended sequencing and scheduling of Work to be accomplished.
   3. Show the chronological order of the start of each item or segment of the Work. Use a Critical Path Method (CPM), time-scaled network diagram showing continuous flow from left to right.

C. Construction Schedule Submissions:
   1. Within ten (10) calendar days of the Construction or Contract start date stated in Agreement or in the Notice to Proceed (if issued) the Construction Manager or General Contractor shall prepare and submit an electronic copy of the Construction Schedule to the Owner and Architect.
   2. At Construction Progress Meetings as specified in Section 01420 – Project Meetings, the Construction Manager or General Contractor shall prepare and present updated Construction Progress Schedule showing current Work status and a two-week “look ahead”. Refer to Section 01420 – Project Meetings.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

Not applicable to this Section.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
1. Submittal General Requirements.
2. Construction Manager or General Contractor review of Submittals
3. Submittal Requirements.

B. Related Work: Project Closeout – Section 01900.

1.03 GENERAL REQUIREMENTS

A. Submittals shall be made in accordance with requirements specified in this Section and in specific Specification Sections.

B. Timing of Submittals: Make Submittals sufficiently in advance of construction activities to allow shipping, handling and review by the Architect and the Architect's Engineer consultants.

C. Changes in Work: Changes in the Work shall not be authorized by Submittal review action. No review action or comment shall be interpreted to be an authorized change in the Work.

1.04 CONSTRUCTION MANAGER OR GENERAL CONTRACTOR REVIEW OF PRODUCT LITERATURE AND SHOP DRAWING SUBMITTALS

A. The Construction Manager or General Contractor shall review and approve Submittals for completeness and conformance to requirements of the Contract Documents prior to submission of the Submittal to the Architect. By approving the Submittal the Construction Manager or General Contractor represents that he/she has determined and verified materials, field measurements and field construction related criteria and that he/she has checked and coordinated the information contained within the Submittal with the requirements of the Work and the Contract Documents.

B. The Construction Manager or General Contractor shall stamp the front page of each Submittal. Stamp to contain Construction Manager or General Contractor's name, review date and indicate approval of Submittal or approval of Submittal with notations.

C. In the event where the Architect receives a Submittal without the Construction Manager or General Contractor review stamp the Submittal will be returned to the Construction Manager or General Contractor without review.

1.05 PRODUCT LITERATURE SUBMITTALS

A. Manufacturer's Product Literature: (Catalog Cuts) including illustrations, diagrams, material characteristics, color and pattern selection options, test data and listing by nationally recognized testing and inspection service, installation instructions and recommendations, and other information to illustrate the Product. Where applicable submit Safety Data Sheet (SDS).

B. Modifications to Product Literature: If necessary modify manufacturer's Product Literature to indicate exact onditions of the Project.

1.06 SHOP DRAWING SUBMITTALS

A. Shop Drawings: Drawings, diagrams, schedules and other graphic depictions to illustrate fabrication and installation of a portion of the Work.

B. Show all field dimensions and relationships to adjacent or critical features of the Work.

1.07 PRODUCT SAMPLES AND COLOR CHART SUBMITTALS

A. Product Samples: Physical samples that demonstrate the material, finish, feature, workmanship and other characteristics of a product or portion of the Work.

B. Color Chart: Printed reproductions of product colors or actual samples of Product colors. Provide full color chart of all colors available.

D. Accepted Samples shall serve as quality basis for evaluating the Work.

E. The Architect will not issue Color Selections until all Color Chart samples are received.

1.08 PRODUCT LITERATURE AND SHOP DRAWING SUBMITTAL REVISIONS

Should Product Literature and/or Shop Drawing Submittal be required to be revise the Submittal as necessary and resubmit. Indicate all revisions on the revised Submittal.

1.09 AS-BUILT DRAWINGS SUBMITTAL

A. The Construction Manager or General Contractor shall record all changes made to the Work on one full size Drawing prints.

B. The Construction Manager or General Contractor shall transfer the As-Built Drawings to the Architect within not to exceed thirty (30) days after the date of Substantial Completion.

C. The Architect and project Mechanical and Electrical Engineers will update the project electronic CAD Drawings with As-Built information and changes and deliver to the Owner the updated As-Built electronic CAD Drawings.

1.10 OPERATION AND MAINTENANCE MANUAL SUBMITTALS

See Project Closeout – Section 01900.

1.11 GUARANTEES AND WARRANTIES SUBMITTAL

See Project Closeout – Section 01900.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

Not applicable to this Section.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. This Specification Section establishes procedures for specified product options and the submittal of Substitutions.

B. The intent of this Specification Section is to insure that specified product options and proposed Substitutions are to equal or superior to the quality of the specified products.

1.03 PRODUCT OPTIONS

Where product options are included in the Specification Sections and are specified by naming more than one, or several approved manufacturers, products or materials, any manufacturer, product or material listed may be selected.

1.04 PRODUCT SUBSTITUTIONS

Should a subcontractor or supplier wish to substitute a product that is considered equal or superior to the product specified, submit Substitution Request.

1.05 SUBSTITUTION REQUEST REQUIREMENTS

A. Provide support documentation for each Substitution Request to show the proposed product or material is equal or superior to the product or material specified. Provide the following:
   1. Product manufacturer's name, product literature, and performance and test results.
   2. Product Warranty (If Applicable).
   3. Samples (If Applicable).

B. Submit Substitution Request Form enclosed at the end of this Specification Section along with support documentation.

C. Refer to Submittal Requirements – Section 01500.

PART 2 – PRODUCTS

Not Applicable to this Section.

PART 3 – EXECUTION

Not Applicable to this Section.

END OF SECTION

SUBSTITUTION REQUEST FORM

PROJECT: _____

DATE: _____

PROPOSED SUBSTITUTION: _____

We request consideration of the attached information and data. The attached information and data includes product description, specifications, drawings, photographs, and performance and test information for evaluation of this Substitution Request. Applicable portions of the information and data are clearly identified. The attached information and data also includes description of the changes to the Drawings, if any, which will be required to accommodate the proposed Substitution.

SUBMITTED BY:

Company Name: _____

Address: _____

_____

_____

Email Address: _____

Telephone: _____

By (Printed Name): _____

Signature: _____

Date: _____

REVIEW

_____ Accepted

_____ Accepted As Noted

_____ Not Accepted

_____ Received Too Late

By: _____

Date: _____

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included: Selective Demolition including Electrical, Mechanical and Fire Sprinkler work.

B. Related Work:
1. Cutting and Patching – Section 01720.
2. Cleaning – Section 01730.
3. Rough Carpentry – Section 06100.
4. Finish Carpentry – Section 06200.
5. Replacement Windows – Section 08300.

1.02 SCHEDULING REPLACEMENT WINDOWS

Schedule removal of existing First Floor windows to allow installation of replacement window(s) on the same day.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

3.01 SCOPE OF DEMOLITION WORK

Existing wood shingle roof.

First Floor exterior windows.

First Floor exterior doors.

First Floor Veranda Porch concrete floor slab and related stone support walls.

First Floor wood flooring in Foyer Room 102, Front Bedroom Room 103, Parlor Room 104, Kitchen Room 105, Dining Room 106 and Spare Bedroom (Boys Bedroom) Room 107.

Floor covering(s) in First Floor Storage Room under Stair. Existing wood flooring in Room to remain.

Floor covering(s) in Second Floor Storage / Mechanical Room 210. Existing wood flooring in Room to remain.

Other work as shown and/or required on the Drawings.

3.02 PROTECTION

A. Do not damage Home elements and materials to remain.

B. Provide protection of Home elements and materials to remain.

C. Provide temporary moisture protection coverings at removed window openings if necessary. Prevent moisture from entering wall cavities and Home.

3.03 INSPECTION

A. Inspect existing conditions, including elements subject to damage or movement during demolition work.

B. Beginning of demolition work means acceptance of existing conditions.

3.04 SHORING

A. Provide temporary support shoring of Second Floor Sleeping Porch and related overhead roof.

B. Assure structural integrity of Second Floor Sleeping Porch and related overhead roof during demolition work.

3.05 DISPOSAL

A. Provide demolition material collection container(s). Place demolition material and items in collection containers.
B. At completion of demolition work remove collection container(s) from Site.

C. On site burning of demolition materials and items is not allowed.

3.06 CLEANING

Clean areas and spaces where demolition is performed.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
   1. Cutting, drilling, boring or alteration of existing Home elements and construction.
   2. Patching of new construction

B. Related Sections: Selective Demolition – Section 01710.

1.03 SUBMITTALS

A. Unless specifically shown on the Drawings submit written request to Architect in advance of cutting, drilling, boring or alteration of the following:
   1. Existing or foundations, columns, load bearing walls, floor joists, ceiling joists and roof joists.
   2. Visual quality of existing or new elements or surfaces.

B. Unless specifically shown on the Drawings submit written request to Architect in advance of cutting, drilling, boring or alteration which will affect the quality of exposed existing Home elements and construction.

C. Include in the request the following:
   1. Project name.
   2. Location and description of affected work.
   3. Explanation of necessity for cutting, drilling, boring or alteration.
   4. Description of proposed cutting, drilling, boring or alternation.

C. The Construction Manager or General Contractor shall have written approval by the Architect or Project Structural Engineer prior to start of cutting, drilling, boring or alteration work not specifically shown on the Drawings.

1.04 APPLICABLE STANDARDS

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

PART 2 – PRODUCTS

Not Applicable to this Section.

PART 3 - EXECUTION

3.01 GENERAL

A. Execute cutting, drilling, boring and alteration as required and to generally:
   1. Execute the demolition work.
   2. Uncover and exposed existing construction to provide access for new construction.
   3. Connect new gas, water and sanitary piping to existing piping.
   4. Provide openings in existing or new construction for penetrations of mechanical and electrical work.

3.02 EXAMINATION

A. Examine and survey the building components to be affected by the cutting, drilling, boring or alteration work.

B. All issues and deficiencies are to be resolved prior to the commencement of the work of this Specification Section.

3.03 PREPARATION

A. Provide supports and bracing as necessary to assure structural integrity of the effected work.

B. Provide protection coverings as necessary to protect adjacent existing or new exposed to view finishes including floors, walls and equipment.

3.04 PERFORMANCE

A. Execute work by methods to avoid damage to the existing construction and installed work.

B. Cut rigid materials using power saw.

C. At cutting and removal operations cut the material or component so that the minimum amount of material will be required to be removed.

D. Cuts shall be straight. Opening cuts shall be level, square or rectangular in shape with 90 degree corners.

E. Provide temporary secure weatherproof closures at cut openings in existing roofs or exterior walls.

F. In the event that an existing or new structural element or stud has to be cut and removed provide additional steel framing or studs to maintain the structural integrity of cut element or wall.

3.05 CLEANING

A. Clean areas and spaces where cutting, drilling, boring, alteration and patching are performed.

B. Thoroughly clean effected area and components before applying paint or other finishing materials.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
1. Cleaning General Requirements.
2. Final Cleaning.

B. Related Work:
1. Project Closeout - Section 01900.
2. Painting – Section 09900 (Dust Control).
3. Cleaning for specific products of Work: Specification Section for that Work.

PART 2 - PRODUCTS

2.01 CLEANING PRODUCTS

Use cleaning materials and methods recommended by manufacturer of surface to be cleaned.

PART 3 - EXECUTION

3.01 CLEANING GENERAL REQUIREMENTS

A. Provide periodic cleaning to keep site, work and adjacent properties free from accumulations of waste materials, debris and rubbish resulting from construction operations.

B. Remove waste materials, debris, and rubbish periodically and dispose of off-site. No on-site disposal or burial is permitted.

C. Do not discharge volatile, oil-based, harmful or dangerous products or materials into the sanitary or storm drain systems.

D. Do not burn waste material, debris or rubbish on site.

3.02 FINAL CLEANING

A. Refer to Project Closeout – Section 01900.

B. Comply with cleaning product manufacturer's instructions and recommendations.

C. lean all interior and exterior building exposed to view surfaces including inside of casework cabinets and drawers. Remove grease, mastic, adhesives, dust, dirt, paint overspray, stains, fingerprints and foreign materials.

C. Remove all labels including label adhesive.

D. Vacuum and damp mop wood floors.

E. Remove all fasteners, sheet metal and foreign material from roofs. Remove all foreign material and debris from roof drains and roof overflow drain strainers.

F. Clean the site including landscaped areas. Remove all of rubbish, litter, trash, fasteners and other foreign substances. Sweep paved areas broom clean. Remove stains, spills, and other foreign deposits from paved areas. Rake exposed grade areas to a smooth even-textured surface.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
1. Incidental Removal or Disturbance of Lead-Based Paint (LBP) including sanding and scraping for paint preparation work.
2. Removal of Lead-Based Paint (LBP). Complete removal of Lead-Based Paint (LBP) from substrate.
3. Removal and disposal of building materials and wood trim with Lead-Based Paint (LBP).

B. Related Work: Painting – Section 09900.

1.03 APPLICABLE STANDARDS

Comply with all Local, State, Federal and Tribal regulations concerning lead-based paint.

1.04 PERMITTING AND LICENSING

Contractor is responsible for obtaining all required Permits and Licenses. Permits and Licenses must be valid for the duration of the work to be performed.

PART 2 - PRODUCTS

Not Applicable to this Section

PART 3 - EXECUTION

Refer to Drawings for scope of Lead-Based Paint work.

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

Works Includes: Required Guarantees and Warranties.

1.03 REQUIRED GUARANTEES

Overall Project – One Year.

Wood Shake Roof – Two Years.

Wood Doors – One Year.

Screen Doors and Window Screens – One Year.

Replacement Windows – One Year.

Mechanical Installation – One Year.

Electrical Installation – One Year.

Fire Sprinkler System Installation – One Year.

1.05 GUARANTEE FORM

Use Guarantee Form in Section 01800A.

1.06 GUARANTEE START DATE

Start date of Guarantees to be set at date of final acceptance of the Project by the Owner.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

Works Includes: Required Guarantees and Warranties.

1.03 REQUIRED GUARANTEES

Overall Project – One Year.

Wood Shake Roof – Two Years.

Wood Doors – One Year.

Screen Doors and Window Screens – One Year.

Replacement Windows – One Year.

Mechanical Installation – One Year.

Electrical Installation – One Year.

Fire Sprinkler System Installation – One Year.

1.05 GUARANTEE FORM

Use Guarantee Form in Section 01800A.

1.06 GUARANTEE START DATE

Start date of Guarantees to be set at date of final acceptance of the Project by the Owner.

END OF SECTION

GUARANTEE

We, the Contractor guarantee that the_____

herein known as the “Work” which we furnished and installed at_____

was furnished and installed in accordance with the Drawings and Specifications and the Work will fulfill its’ intended purpose(s) for a period of ____ year(s) from the date of acceptance of the Work by the Owner. We agree to repair or replace any portion of the Work that proves to be defective in material and/or workmanship within the ____ year(s) Guarantee period. Damage by unusual abuse is not covered by this Guarantee.

In the event we fail to repair or replace defective work within thirty (30) calendar days after being notified in writing by the Owner of the defective work within the Guarantee period we authorize the Owner to proceed with having defective work repaired or replaced. We agree to pay for the cost of these repairs or replacements.

_____
Contractor’s Company Name

_____

_____
Contractor’s Company Address

_____ _____
Signature of Company Owner or Authorized Representative — Date

_____
Printed Name of Company Owner or Authorized Representative

Company Representative to be contacted for service:

Name: _____

Email Address: _____

Telephone Number: _____

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Project Closeout Procedures.

B. Substantial Completion.

C. Final Cleaning.

D. Operation and Maintenance Manuals.

E. Guarantees.

F. Spare Parts and Maintenance Materials.

1.03 PROJECT CLOSEOUT PROCEDURES

A. Comply with requirements stated in the Specifications for administrative procedures in closing out the Work.

B. Closeout Submittals: Refer to respective Specification Sections.

1.04 SUBSTANTIAL COMPLETION

A. Substantially Complete Definition: When the construction is substantially complete, in accordance with the Contract Documents, so that the Owner may occupy or utilize the Work for the use for which it is intended.

B. When the project is substantially complete as determined by the Owner, the Owner will notify the Architect that the project is substantially complete and the Architect will issue a Notice of Substantial Completion.

1.05 FINAL CLEANING

Refer to Section 01800 – Cleaning.

1.06 OPERATION AND MAINTENANCE MANUALS

A. Submit Manuals required by various Specification Sections. Provide two (2) copies.

B. Submit manuals to the Architect a minimum of seven (7) calendar days prior to Final Inspection.

C. Format:
1. Bound in 8-1/2 x 11 inch three-ring side binders with durable plastic cover.
2. Covers shall have Project Name and Title reading:

Dogiron Ranch Will Rogers Birthplace Restoration 2024
Operation and Maintenance Manuals

3. The Operation and Maintenance Manuals shall be have two parts.

Part 1: Directory of all equipment with name, address, telephone number and email address of equipment supplier arranged alphabetically by equipment name.

Part 2: Operation and Maintenance Manuals arranged alphabetically by equipment name.

D. Operation and Maintenance Manuals shall contain the following:
1. Equipment name.
2. Product data and/or brochure.

3. Equipment operating instructions.
4. Equipment maintenance instructions.
5. Equipment finish maintenance instructions.
6. Parts list.

1.07 GUARANTEES

A. Submit Guarantees required by the Specification Sections. Provide two (2) copies.

B. Submit Guarantees to the Owner within thirty (30) calendar days of the date of Substantial Completion.

B. Warranties and Guaranties Submittal Format:
1. Bound in 8-1/2 x 11 inch three-ring side binders with durable plastic cover.
2. Covers shall have Project Name and Title reading:

Dogiron Ranch Will Rogers Birthplace Restoration 2024
Warranties and Guarantees
Date of Substantial Completion.

3. Warranties and Guaranties shall be arranged by Specification Division number.

1.08 SPARE PARTS AND MAINTENANCE MATERIALS

Provide spare parts and maintenance materials in quantities as specified in the Specification Sections.

PART 2 – PRODUCTS

Not applicable to this Section.

PART 3 – EXECUTION

Not applicable to this Section.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes: Earthwork, Excavation, Backfilling and Base for Equipment Pads and Site Utilities

B. Related Work: Cast-In-Place Concrete – Section 03100.

1.03 APPLICABLE STANDARDS

A. U.S. Occupational Safety and Health Administration (OHSA) Trenches and Excavations Standards, latest edition.

B. ASTM D698 - Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort, latest edition

PART 2 – PRODUCTS

2.01 IMPORT BACKFILL MATERIAL

Low plasticity soil having plasticity index (PI) of 8 to 18, containing at least 15% by dry weight fines (material passing No. 200 sieve) and classified as lean clay CL or clayey sand SC per the United Soil Classification System. Import material to be free of rock and gravel larger than 3 inches in any direction, debris, waste, vegetation or foreign material.

2.02 BASE

#67 crushed limestone.

PART 3 - EXECUTION

3.01 PROTECTION

A. Protect plants, trees, lawns and other site features to remain.

B. Provide personnel safety projection at open excavations and trenches five (5) feet deep or deeper per U.S. OHSA requirements.

3.02 EXCAVATION

A. Excavate to elevations and dimensions required to accommodate concrete and underground utilities work.

B. Do not disturb existing soil at bottom of excavations. Excavate by hand to final grade.

C. Keep excavations free of water. Remove accumulated water in excavations by pumping as soon as possible after the accumulation occurs. Dispose of water in such a manner as not to compromise the excavation or trenching work, create ponding on site or damage the site.

3.03 EXCAVATION AND TRENCHING FOR UNDERGROUND SITE UTILITIES

A. Excavate and shape trench bottoms to provide uniform bearing and support of piping and conduits. Shade subgrade to provide continuous supports of bells, joints, pipe barrels and fittings.

B. Keep trenches free of water during the site utilities installation work. Remove accumulated water in trenches by pumping as soon as accumulation occurs. Dispose of water in such a manner as not to compromise the excavation or trenching work, create ponding on site or damage the site.

C. Fill trench areas that have been cut too deep with sand backfill.

D. Where portions of existing vehicular paving or sidewalks are cut and removed for installation of underground utilities replace removed paving or concrete with equal quality material and thickness as existing with finish to match adjacent work.

3.04 BACKFILLING UNDER BUILDING

A. Place backfill on subgrade that is free of water, mud, frost, snow, ice or foreign material. Outside area of backfill to be 5’-0” minimum outside of building footprint area.

B. Place backfill in layers not more than 9 inches in loose depth for backfill material to be compacted by heavy compaction equipment and 4 inches in loose depth for backfill material to be compacted by hand operated tampers.

C. All backfill material to be within -1 to +3% of the backfill material’s optimum moisture content per ASTM D698 when compacted.

D. Compact each layer to at least 95% of the backfill material’s maximum dry density per ASTM D698.

3.05 BACKFILLING AT EXCAVATIONS AND TRENCHES

Backfill excavations and trenches to level of adjacent grade.

3.06 BUILDING SLAB SUBGRADE PREPARATION

A. Proof-roll dry subgrade below building slab with a pneumatic-tired dump truck to identify soft pockets and areas of excessive yielding. Do not proof-roll wet or saturated subgrades.

B. Remove and reconstruct subgrade soft pockets and areas of excessive yielding.

C. Remove and reconstruct subgrade areas damaged by accumulated water.

3.07 EQUIPMENT PAD AGGREGATE BASE INSTALLATION

A. Install 4” thick aggregate base.

B. Run plate compactor on aggregate base surface before installation of vapor retarder sheeting.

3.08 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
1. Painted Lines at Parking Spaces.
2. Painted Lines at Accessible Parking Spaces.
3. Painted ISA (International Symbol of Accessibility).

B. Related Work: Section 09900 – Painting.

1.03 SUBSTITUTIONS

Only written approval by the Architect by Addenda, Architect's Supplementary Instructions or Change Order will permit substitutions for products and materials specified. Refer to Section 01600 - Product Options and Substitutions for procedure.

1.04 WEATHER CONDITIONS

Paint in dry weather condition.

PART 2 – PRODUCTS

2.01 MARKING PAINT

A. Acrylic latex, flat.

B. Product: Hotline Latex Traffic Marking Paint TM2224 by Sherwin Williams, Cleveland, OH or approved equivalent.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine and inspect pavement areas which are to receive the work of this Specification Section.

B. All issues and deficiencies are to be resolved prior to the commencement of the work of this Specification Section.

3.02 PAVEMENT CONDTION

A. Surfaces to be striped and painted shall be clean and dry.

B. New concrete is to be fully cured.

3.03 LAYOUT

A. Accurately measure and layout the work. Use stencils for ISA symbols.

B. All lines and symbols are to be positioned per the Drawings and be parallel or perpendicular with adjacent curbs or paving edges.

C. Lines at Parking Areas:
1. Parking Space Lines: 4" wide.
2. Color: White

D. International Symbol of Accessibility (ISA):
1. Size: 48” X 48”

2. Lines and ISA Color: White.
3. Background Color: Blue Color No. 15090 per Federal Standard 595B.

3.04 APPLICATION

A. Apply paint per manufacturer's printed instructions and recommendations.

B. Comply with Section 09900 - Painting.

C. WFT: 15.0 mils minimum typical.

D. 4” wide painted lines spread rate: 320 linear feet per gallon minimum.

3.05 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
   1. Steel Reinforcing Bars
   2. Welded Wire Fabric (WWF)
   3. Tie Wire

B. Related Work: Cast-in-Place Concrete – Section 03300.

1.03 APPLICABLE STANDARDS

A. Concrete Reinforcing Steel Institute, CSRI Manual of Standard Practice, latest edition.

B. Concrete Reinforcing Steel Institute, CSRI 63 - Recommended Practice for Placing Reinforcing Bars, latest edition.

C. Concrete Reinforcing Steel Institute, CSRI 65 - Recommended Practice for Placing Bar Supports, Specifications and Nomenclature, latest edition.

D. ASTM A615/A615M – Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement, latest edition.

E. ASTM A1064/A1064M – Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plan and Deformed, for Concrete, latest edition.

1.04 QUALITY ASSURANCE OFF SITE WORK

Comply with local municipal agency requirements.

1.05 PERSONNEL PROTECTION

Provide protection on installed protruding steel reinforcing bars as required by Federal and Oklahoma OSHA requirements.

1.06 SUBMITTALS

A. Refer to Section 01500 - Submittal Procedures for requirements

B. Shop Drawings: Submit five copies of Shop Drawings for concrete footings and concrete slab steel reinforcement. Indicate sizes, locations and quantities of reinforcing steel, bending and cutting schedules, splices, stirrup spacing, supporting and spacing devices.

1.07 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Handle and store materials to prevent damage to materials.

B. Store materials on wood skids to prevent contact with ground or standing water.

PART 2 – PRODUCTS

2.01 STEEL REINFORCEMENT

A. Reinforcing Bar: Deformed, Grade 60. Comply with ASTM A615/A615M latest edition.

B. Welded Wire Fabric (WWF): Refer to the Drawings for welded wire fabric callouts. Flat sheets, 75 ksi Tensile Strength. Comply with ASTM A1064/A1064M.

2.02 TIE WIRE

Tie Wire: Annealed steel, 16 gauge minimum.

PART 3 - EXECUTION

3.01 ASSEMBLY AND INSTALLATION

A. General: Comply with referenced CRSI Standards.

B. Assembly:
1. Fabricate and assembly steel reinforcing in lengths and configurations required.
2. Do not bend or straighten bars in a manner which will injure the reinforcing material.
3. Do not re-bend steel reinforcing bars.
4. Do not heat steel bar reinforcing.
5. Do not use steel reinforcing bars which have bends or kinks other than those which are required or detailed.

C. Spacing between Reinforcing Bars: Refer to Structural Drawings.

D. Splices and Laps of Reinforcing Bars:
1. Splices to occur at locations called out on the Structural Drawings or as required by ACI standards.
2. Provide reinforcing bar laps at corners and intersections.
3. Minimum Lap Distance: 40 bar diameters, but not less than 24".
4. Wire tie splices and laps securely together.

E. Clearances at Reinforcing Bars: Maintain following minimum clear distances between reinforcing bars and earth or form surfaces unless otherwise noted on the Drawings.
1. Footing and foundation reinforcing bars at earth surfaces: 3".
2. Wall reinforcing bars at earth surfaces: 1-1/2".
3. Footings, foundation and wall reinforcing bars at form surfaces: 1-1/2".
4. Column reinforcing bars at form surfaces: 1-1/2".

F. Laps of Welded Wire Fabric: Lap sheets 6” minimum.

3.02 FIELD QUALITY CONTROL

A. Architect or Structural Engineer Review:
1. Installed reinforcing steel bars and welded wire fabric installations are required to be reviewed by the Architect or project Structural Engineer.
2. Notify the Architect in writing when steel reinforcement is complete and ready for review.

3.03 ADJUSTMENT AND CLEANING PRIOR TO CONCRETE PLACEMENT

A. Reposition misaligned reinforcement.

B. Prior to concrete placement clean steel reinforcement. Steel reinforcement to be free of coatings and foreign material.

3.04 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
   1. Cast-in-place Concrete for the Following:
      a. Building structural concrete
      B. Concrete Sidewalks and Ramps
   2. Non-shrink Grout
   3. Epoxy Adhesive

B. Related Work:
   1. Quality Control, Testing and Inspections – Section 01400.
   2. Earthwork, Excavation, Backfilling and Base – Section 02310.
   3. Steel Reinforcement - Section 03200.

1.03 SUBSTITUTIONS

Only written approval by the Architect by Addenda, Architect's Supplementary Instructions or Change Order will permit substitutions for products and materials specified. Refer to Section 01600 - Product Options and Substitutions for procedure.

1.04 APPLICABLE STANDARDS

A. American Concrete Institute (ACI) 301 Specifications for Structural Concrete, latest edition.

B. American Concrete Institute (ACI) 318 Building Code Requirements for Structural Concrete, latest edition.

C. ASTM C618 – Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete, latest edition.

D. ASTM E96 / E96M – Standard Test Methods for Water Vapor Transmission of Materials, latest edition.

1.05 TESTING AND INSPECTION

Provide testing and inspections as required by Quality Control, Testing and Inspections – Section 01400.

1.06 SUBMITTALS

A. Refer to Section 01500 – Submittal Procedures for requirements.

B. Submit Concrete Design Mix Design(s).

C. Product Literature: Submit five copies of curing compound, non-shrink grout, epoxy adhesive, concrete sealer and vapor barrier manufacturer's product data and literature.

1.07 ALLOWABLE WEATHER CONDITIONS

A. Cold Weather Requirements: Comply with ACI 318, Section 5.12.

B, Hot Weather Requirements: Comply with ACI 318, Section 5.13.

C, Do not place concrete when raining, sleeting or snowing.

PART 2 – PRODUCTS

2.01 CONCRETE MIX DESIGNS

A. Structural Concrete
   1. Strength: 3,000 PSI at 28 days.
   2. Cement Content: Minimum 6 sacks (94#) per cubic yard with 25% fly ash content by weight.
   3. Slump: 4” maximum.

B. Exterior Sidewalks, Curb and Equipment Pads:
   1. Strength: 3,500 PSI 28 days with air-entraining admixture.
   2. Cement Content: Minimum 6 sacks (94#) per cubic yard with 25% fly ash content by weight.
   3. Slump: 4” maximum.

C. Mix Proportioning: Comply with ACI 318, Section 5.3.

D. Mixing: Comply with ACI 318, Section 5.8.

2.03 BASIC CONCRETE MATERIALS

A. Portland Cement: Type I or II. Comply with ACI 318 Section 3.3.2.

B. Fly Ash: Type F. Comply with ASTM C618-15 and ACI 318.

C. Aggregates: Comply with ASTM C33/C33M-16

D. Water: Clean, fresh, free of injurious amounts of minerals, organic, substances, salts, acids or alkali.

2.04 ADMIXTURES

A. Inclusion of admixtures in concrete mix is at Contractor's option.

B. Admixtures shall comply with the following:
   1. Comply with ASTM C260-16 and ASTM C494/C494M-16.
   2. Comply with ACI 301 and ACI 310.

2.05 NON-SHRINK GROUT

A. Product: Five Star high early strength grout by U.S. Grout Corporation, Malad City, ID.

B. Tensile strength per ASTM C307-03: 2,000 psi. Flexural strength per ASTM C580-0: 4,000 psi.

2.06 EPOXY ADHESIVE

A. Two component solid epoxy system, Simpson Epoxy-Tie ET-High Strength Adhesive by Simpson, Pleasanton, CA.

B. Strength Properties:
   1. Compressive Strength (Cured at 60°F): 13,390 psi minimum at 7 days per ASTM D695.
   2. Bond Strength (Moist Cured, 60°F): 2,440 psi at 14 days per ASTM 882.

PART 3 - EXECUTION

3.01 PREPARATION

A. Layout: Accurately layout work to properly position elements to lines and levels.

B. Joining to Previous Pours or Existing Work: Clean existing joining concrete and reinforcing steel surfaces to provide a secure bond to new work.

C. At locations where new concrete is doweled into existing work, drill holes in existing concrete as required by the epoxy adhesive manufacturer’s printed instructions and recommendations, and related ICC Report requirements.

3.02 STRUCTURAL ANCHOR BOLTS AND EMBEDDED ITEMS

A. General:
   1. Comply with ACI 318, Section 6.2.
   2. Anchor bolts and embedded items are to be clean and, free of oil and foreign material.
   3. Accurately place structural anchor bolts and embedded items and secure to prevent displacement by concrete depositing.

3.03 DRILLED-IN ANCHORS AND JOINT REINFORCING STEEL

A. General:
   1. Drill concrete or masonry per epoxy anchor manufacturer's instructions and recommendations, and related ICC Report requirements.
   2. Set anchor or reinforcing steel per epoxy anchor manufacturer's instructions and recommendations, and related ICC Report requirements.

3.04 SCREEDS FOR PADS AND FLATWORK

General: Set and securely support screeds accurately to lines, levels and grades required for finished work.

3.05 INSPECTION AND PREPARATION PRIOR TO CONCRETE PLACEMENT

A. Notify Architect in writing a minimum 48 working hours (excluding weekends and holidays) prior to commencement of concrete placement. Footing and foundation excavations, formwork and steel reinforcement shall be reviewed by the Architect or project Structural Engineer prior to concrete placement unless review is waived in writing by the Architect or project Structural Engineer.

B. Prior to concrete placement inspect the work and verify the following. Do not deposit concrete until unsatisfactory conditions are corrected.
   1. Footing and foundation excavations are dry and free of foreign and loose material.
   2. Forms are installed and positioned correctly, and are securely braced. Form joints are tight.
   3. Form surfaces are clean and coated. Form joints are tight.
   4. Steel reinforcement is correctly positioned and securely anchored. Correct clearances between reinforcement and face or forms or excavations are provided.
   5. Anchor bolts and embedded items are positioned correctly and securely anchored. Verify that anchor bolts and embedded items will not impede or interfere with concrete placement.
   6. Key joints are correctly installed and clean.
   7. Under slab vapor barrier is correctly installed and all joints are tightly taped.

C. At concrete sidewalks and ramps moisten sub-base sufficiently to prevent suction of water from concrete mix into sub-base.

3.06 CONCRETE PLACEMENT

A. Comply with ACI 318, Section 5.10.

B. Placement:
   1. Convey concrete from mixer to final position by method which will prevent separation or loss of material and require minimum handling.
   2. Place concrete continuously between predetermined construction and/or control joints.
   3. Regulate rate of placement so concrete remains plastic and flows into position.
   4. Do not use partially hardened or contaminated concrete.

D. Consolidation:
   1. Use hand rodding, spading and tamping.
   2. Work concrete thoroughly around reinforcement, anchor bolts, embedded items and into all parts of forms.
   3. Consolidate to a dense, uniform mass without voids, rock pockets or entrapped air. Consolidate each layer.
   4. Mechanically powered vibrators may be used. Such use shall be limited to vertical consolidation of concrete over 8" thick and at walls. Do not use mechanically powered vibrators to move concrete laterally or in any other means that may cause aggregate separation.

E. Slabs and Flatwork:

1. Lift reinforcement as placement progresses to proper position in slab.
2. Tamp and screed to required lines and levels.
3. Depress coarse aggregate with grille-blade tamper.

3.07 CONCRETE FINISHING

A. Equipment Pads: Hard trowel.

B. Top of Formed Walls: Level trowel finish.

C. Sidewalks and Exterior Ramps: Refer to Concrete Sidewalks and Ramps - Section 02520.

D. Tooling: Provide radius tool edge at control joints, keyed joints and slab edges.

3.08 FINISHING AFTER FORM REMOVAL

A. Exposed to View Concrete Surfaces:
1. Remove fins and irregularities.
2. Tie and Spreaders Holes: Fill full with compacted drypack and strike flush with concrete finished surface.
3. Surface Defects:
   a. Cut out blemished and defective areas.
   b. Patch flush with drypack.

3.09 CONSTRUCTION AND SAW CUT JOINTS

A. Refer to the Drawings for locations, layout and depths.

B. Saw cut control joints at an optimum time after finishing.

3.10 NON-SHRINK GROUT

Mix and install non-shrink grout in accordance with manufacturer’s printed instructions and recommendations.

3.11 CORRECTION OF DEFECTIVE WORK AND CLEANING

A. Correction of Defective Work:
1. Work not conforming to the Drawings and/or Specifications shall be removed and replaced except where patching or other remedial work is permitted by the Architect or project Structural Engineer.
2. Surface patching materials and methods shall be as approved by the Architect.
3. Structural concrete replacement and repair methods, and materials shall be as approved by the project Structural Engineer.

B. Clean exposed surfaces prior to acceptance.

3.12 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
1. ADA Ramp Handrails.
2. Front Veranda Porch Handrails.
3. Stair Handrail.

1.03 DESIGN REQUIREMENT

A. Handrails design and installation to withstand 50# per linear foot loading per ASCE 7 Section 4.5.1.1.

B. Maximum movement at top of ADA ramp handrails with concentrated force of 250 pounds: 1/8 inch.

1.04 SUBMITTALS

A. See Submittal Requirements – Section 01500.

B. Provide ADA ramp handrails Shop Drawings showing handrail design, posts layout and spacing dimensions and post attachment with product callouts.

C. Provide Front Veranda Porch handrails Shop Drawings showing handrail design, post layouts, post attachment with product callouts.

D. Provide Stair handrail Shop Drawings showing handrail design, brackets and bracket spacing dimensions with product callouts.

PART 2 – PRODUCTS

2.01 ADA RAMP HANDRAILS

A. Manufacturer: Fairway Architectural Railing Solutions, Hamilton Township, NJ.

B. Handrails and Posts: 1-1/2” diameter clear anodized aluminum, satin finish.

C. Height: 36” above ramp surface.

D. Top and Bottom Extensions: Provide 12” horizontal handrail extension past ramp ends at top and bottom landings.

E. Post Mounting: Core drill.

2.02 VERNANDA PORCH HANDRAILS

F. Manufacturer: Fairway Architectural Railing Solutions, Hamilton Township, NJ.

G. Handrails and Posts: 1-1/2” diameter clear anodized aluminum, satin finish.

H. Height: 36” above steps nosing.

I. Top Extension: Provide 12” horizontal handrail extension past top riser at +36” above Veranda Porch floor.

J. Bottom Extension: One tread width past bottom riser.

K. Post Mounting: Core drill.

2.03 STAIR HANDRAIL

A. Manufacturer: Fairway Architectural Railing Solutions, Hamilton Township, NJ.

B. Handrail: 1-1/2” diameter clear anodized aluminum, satin finish.

C. Provide return ends to handrail to wall.

D. Handrail Mounting: Wall bracket.

2.04 WALL BRACKET

A. Manufacturer: Fairway Architectural Railing Solutions, Hamilton Township, NJ.

B. Product: Heavy Duty aluminum bracket.

C. Finish: Satin Aluminum.

2.05 NON-SHRINK GROUT

A. Pre-mixed grout.

B. Approved Products:
1. Crystex, L&M Construction Chemicals.
2. Masterflow 713, Master Builders.
3. Five Star Grout, U.S. Grout Corp.

PART 3 – EXECUTION

3.01 INSTALLATION ADA RAMP HANDRAILS

A. Install handrails in accordance with product manufacturer’s printed instructions and recommendations.

B. Position centerline of ramp handrails 5” back from ramp edge.

C. Core drill existing concrete ramp 3 inch diameter X 4 inch deep at each handrail post. Set posts in core drill and fill with non-shrink grout.

D. Install handrails plumb, tightly fitted and securely attached.

3.02 INSTALLATION VERANDA PORCH HANDRAILS

A. Install handrails in accordance with product manufacturer’s printed instructions and recommendations.

B. Core drill existing stone steps 3 inch diameter X 4 inch deep at each handrail post. Set posts in core drill and fill with non-shrink grout.

C. Install handrails plumb, tightly fitted and securely attached.

3.03 INSTALLATION STAIR HANDRAIL

A. Install handrails in accordance with product manufacturer’s printed instructions and recommendations.

B. Mounting Height: 36” above stair nosing.

C. Handrail Clear Distance from Wall: 1-1/2”

D. Provide minimum of three mounting brackets.

E. Install handrail tightly fitted and securely attached.

3.04 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
1. Wood Framing.
2. Blocking, Backing and Nailers
2. Rough Carpentry Connectors and Fasteners

B. Related Work:
Cast-In-Place Concrete – Section 03300.

1.03 SUBSTITUTIONS

Only written approval of the Architect by Addenda, Architect's Supplementary Instructions or Change Order will permit substitutions for products specified. Refer to Section 01600 - Product Options and Substitutions for procedure.

1.04 QUALITY ASSURANCE

A. Grade Marks: Identify all lumber by official grade mark of an approved Agency.

B. Preservative Treatment Standard: Refer to various Standard Specifications of American Wood Preservers Bureau (AWPB); Quality Mark by American Lumber approved Agency. Per LP2 and LP22. Each piece shall bear a stamp of an approved independent agency operating under ALSC overview.

1.05 DELIVERY, STORAGE AND HANDLING

A. At exterior locations store materials 6" minimum above ground on framework or blocking and cover with protective waterproof covering providing for adequate air circulation of ventilation.

B. Do not store materials in wet or damp portions of buildings.

PART 2 – PRODUCTS

2.01 LUMBER

A. Framing Lumber, Blocking, Backing and Nailers:
1. Douglas Fir-Larch, No. 2, moisture content 19% maximum, (S- Dry). Framing lumber, blocking, backing and nailers at exterior locations and in direct contact with concrete shall be preservative treated lumber.
2. Grade Stamps:
a. Each piece of lumber shall be grade stamped.
b. Preservative treated lumber shall have a preservative treated stamp.

B. Roof Striping: 1 X 4 Fir-Larch, No. 2, moisture content 19% maximum, (S- Dry).

C. Ceiling Striping at New Cement Plaster: 2 X 3 Fir-Larch, No. 2, moisture content 19% maximum, (S- Dry).

2.02 CHIMNEY CAP PLYWOOD

Exterior grade 3/4" thick plywood.

2.03 CONNECTORS AND FASTENERS

All fasteners of every type shall be hot-dipped galvanized at exterior locations.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Examine and inspect walls or portions of the building which are to receive the work of this Specification Section.

B. Verify assure that work is to proper dimension, alignment and elevation.

C. All issues and deficiencies are to be resolved prior to the commencement of the work of this Specification Section.

3.02 PREPARATION

A. Layout: Accurately lay out work to properly position all elements to lines and levels.

B. Preservative treat surfaces in contact with cementitious materials.

3.03 ALLOWABLE TOLERANCES AND ALIGNMENT

3/16" maximum permissible variation from true plane measured from a 10' straight edge; 1/8" maximum variation between any 2 adjacent framing members

3.04 INSTALLATION

A. Erect work straight, plumb, level, true to line with tight joints and full bearings. Frame and cut as required for work of other Specification Sections.

B. Rough Hardware, Connectors and Fasteners: Drive screws up tight with head bearing on wood. At plywood, screw heads shall not penetrate face-ply more than depth of screw head. Take care not to split or damage lumber or plywood.

3.05 FIELD QUALITY CONTROL

Rough framing and in-wall blocking shall be reviewed by Architect prior to covering by other material.

3.06 ADJUSTMENT AND CLEANING

A. Correction of Defective Work: Work not conforming to the Contract requirements shall be removed and replaced except where remedial work is specifically permitted by Architect. The Contractor shall bear all costs of correction of defective work.

B. Cleaning: Clean surfaces as work progresses.

3.07 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
1. Exterior Replacement Trim.
2. Interior Replacement Trim.
3. Door Stop Trim.

B. Related Work:
1. Rough Carpentry – Section 06100.
2. Painting – Section 09600.

1.03 SUBSTITUTIONS

Only written approval of the Architect by Addenda, Architect's Supplementary Instructions or Change Order will permit substitutions for products specified. Refer to Section 01600 - Product Options and Substitutions for procedure.

1.04 APPLICAPABLE STANDARDS

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

1.05 QUALITY ASSURANCE

Grade Marks: Identify all lumber by official grade mark of an approved Agency.

1.06 DELIVERY, STORAGE AND HANDLING

Store finish carpentry trim inside Home.

PART 2 – PRODUCTS

2.01 GENERAL TRIM

A. Exterior Trim: #2 white pine. Width and depth dimension to match trim size being matched.

B. Interior Trim: #2 white pine. Width and depth dimension to match trim size being matched.

C. Base Shoe: White pine.

2.02 NEW INTERIOR DOORS STOP TRIM

A. Parlor Room 103 and Front Bedroom Room 104 (Stained Wood): 1/2" X 1-1/2", walnut.

B. Bedroom 107, West Bedroom Room 211 and East Bedroom Room 212 (Painted Wood): 1/2" X 1-1/2", #2 white pine.

2.03 FASTENERS

Pneumatic or hammer driven brads.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Examine and inspect portions of the Home which are to receive the work of this Specification Section.

B. Verify assure that work is to proper dimension, alignment and elevation.

C. All issues and deficiencies are to be resolved prior to the commencement of the work of this Specification Section.

3.02 PREPARATION

Accurately lay out work to properly position all elements to lines and levels.

3.03 INSTALLATION GENERAL

A. Erect work straight, plumb, level, true to line with tight joints and full bearings. Frame and cut as required for work of other Specification Sections.

B. Brad Fasteners: Install brad fastener head are a minimum of 1/8” below trim surface. Take care not to split or damage trim.

3.04 INSTALLATION DOOR STOP TRIM

A. Parlor Room 103 and Front Bedroom Room 104 (Stained Wood): Provide new stop trim on both jambs and head. Stained and finish new stop trim to match existing adjacent Historic stained trim.

B. New and Existing Interior Doors (Painted Wood): Remove existing stop trim on all existing doors and provide new stop trim on both jambs and head. Paint new stop trim.

3.05 ADJUSTMENT AND CLEANING

A. Correction of Defective Work: Work not conforming to the Contract requirements shall be removed and replaced except where remedial work is specifically permitted by Architect. The Contractor shall bear all costs of correction of defective work.

B. Cleaning: Clean surfaces as work progresses.

3.06 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
Existing wood wainscot removal and reinstallation at First Floor Parlor Room 103 and Front Bedroom Room 104 for installation of structural plywood on walls.

B. Related Work:
1. Rough Carpentry – Section 06100.
2. Cement Plaster – Section 09220.

1.03 APPLICAPABLE STANDARDS

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

1.04 QUALITY ASSURANCE

All work to be performed by experienced finish carpenter(s).

1.04 PRECONSTRUCTION CONFERENCE

Conduct Preconstruction Meeting with General Contractor or Construction Manager, Architect and finish carpenter(s).

PART 2 – PRODUCTS

Not applicable to this Section

PART 3 – EXECUTION

3.01 WAINSCOT REMOVAL AND REINSTALLATION

A. General:

1. Remove existing wood wainscot at from First Floor Parlor Room 103 and Front Bedroom Room 104 to accommodate installation of structural plywood on walls.

2. Take and maintain multiple photographs of the wainscot on all four walls in both bedrooms to be used as a guide in the wainscot reinstallation.

3. The existing wainscot has historic significance. No damages or impact to the exposed to view surfaces is occur. Full compliance with this requirement is mandatory.

B. Preconstruction Conference: Conduct Preconstruction Conference with finish carpenter(s) that will be doing the work and Architect.

C. Wainscot Removal:

1. Remove existing wood wainscot including base and carefully store.

2. Remove all existing nails and fasteners from backside of trim and lumber.

D. Wainscot Reinstallation:

1. Trim wainscot components to fit condition after structural plywood is installed.

2. Reinstall wainscot and base straight, plumb, level, true to line with tight joints matching existing installation.

3. Use pneumatic installed galvanized brads for installation work. Installed brads to be a minimum of 1/16” below surface of wainscot. Infill holes with colored putty matching the existing wainscot color.

3.03 ADJUSTMENT AND CLEANING

A. Correction of Defective Work: Work not conforming to the Contract requirements shall be removed and replaced except where remedial work is specifically permitted by Architect.

A. Wipe clean finishes at completion of wainscot and flooring reinstallations.

3.04 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included:
   1. Exterior painted wood patching and infilling.
   2. Interior painted wood patching and infilling.

B. Related Work:
   1. Joint Sealers - Section 07900.
   2. Painting - Section 09900.

1.03 SUBSTITUTIONS

Substitutions of products specified not allowed.

1.04 APPLICABLE STANDARDS

A. The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

B. Product Safety Data Sheets (SDS).

1.05 DELIVERY, STORAGE, AND HANDLING

Deliver to Project in sealed containers with manufacturer, brand name, product and use instructions clearly identified.

PART 2 – PRODUCTS

2.01 EXTERIOR WOOD PATCH (LARGE VOLUME)

WoodEpox, epoxy wood replacement compound by Abatron.

2.02 EXTERIOR WOOD PATCH AND INFIILL (SMALL VOLUME)

Water Putty Rock Hard by Durham's.

2.03 INTERIOR WOOD PATCH AND INFIILL

Water Putty Rock Hard by Durham's.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine and inspect portions of the home which are to receive the work.

B. Examine all surfaces receiving paint and coatings prior to commencement of work. Repair and correct all defective, damaged or unsuitable surfaces. At surface areas which do not have the same smoothness or texture as the adjacent same material provide additional texture and/or sanding to provide a uniform

C. All issues and deficiencies are to be resolved prior to the commencement of the work.

3.02 GENERAL

Comply with product manufacturer's printed instructions and recommendations and Product Data Sheets.

3.03 INSTALLATION EXTERIOR WOOD PATCHING AT LARGE VOLUME INFILL AREAS

A. Remove all deteriorated wood down to solid original wood containing no moisture.

B. Install Exterior Wood Patch and towel to smooth level surface.

C. Sand surface of Exterior Wood Patch with 120 grit sand paper to match texture of existing adjacent wood.

3.04 INSTALLATION EXTERIOR WOOD INFILL AT SMALL VOLUME INFILL AREAS

A. Install Exterior Wood Patch Infill and towel to smooth level surface

B. Sand surface of Exterior Wood Patch Infill with 120 grit sand paper to match texture of existing adjacent wood and/or paint surface.

3.05 INSTALLATION INTERIOR WOOD PATCHING AND INFILL AT SMALL VOLUME INFILL AREA

A. Install Interior Wood Patch and Infill and towel to smooth level surface.

B. Sand surface of Interior Wood Patch and Infill with 120 grit sand paper to match texture of existing adjacent wood and/or paint surface.

3.05 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included: Sheet metal chimney caps.

B. Related Work:
1. Rough Carpentry – Section 06100.
2. Joint Sealers - Section 07900.

1.03 APPLICABLE STANDARDS

Sheet Metal and Air-Conditioning Contractors National Association, Inc. (SMACNA) Architectural Sheet Metal Manual, latest edition.

PART 2 – PRODUCTS

2.01 SHEET METAL CHIMNEY CAPS

24 gauge galvanized steel.

2.02 SCREW FASTENERS

Galvanized steel.

2.03 PLYWOOD

See Rough Carpentry – Section 06100.

PART 3 – EXECUTION

3.01 SCHEDULE

Provide sheet metal chimney caps at all masonry chimneys.

3.02 INSTALLATION

A. Install all work true, level and square.

B. All work to be watertight.

3.03 CLEANING

Clean all surfaces. Remove all sealant smears and foreign material.

3.03 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included: Wood Shake Roof.

B. Related Work:
1. Selective Demolition – Section 01710.
2. Rough Carpentry -– Section 07800.
3. Joint Sealers – Section 07900.
4. Painting – Section 09900.

1.03 SUBSTITUTIONS

For substitutions of specified products refer to Section 01600 - Product Options and Substitutions.

1.04 APPLICABLE STANDARDS

A. Cedar Shake and Shingle Bureau (CSSB) New Roof Construction Manual, latest edition.

B. SMACNA Architectural Sheet Metal Manual, latest edition.

1.05 ROOFING CONTRACTOR BIDDER QUALIFICATION

The Roofing Contractor Bidder must have completed a minimum of three Wood Shake or Wood Shingle home and/or commercial projects within 24 months of roofing bid submission date. Bidder to provide roof type, address and date of completed projects along with bid submission.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, and handle products without damaging products.

B. Keep felts and wood shakes dry and off the ground on blocking or skids.

C. Store felt rolls upright.

1.07 PROJECT CONDITIONS

A. Do not install flashings, felts or wood shakes onto damp or wet surfaces.

B. Do not install roof shake roofing in rain, misty and/or excessive windy condition.

1.08 GUARANTEE

Provide Two Year Guarantee. See Required Guarantees and Warranties Section 01800. Use Guarantee Form in Section 01800A.

PART 2 – PRODUCTS

2.01 WOOD SHAKE

24” X 3/4" Certi-Split Handsplit Western Red Cedar, Premium Grade Fire Retardant Treated, Class C.

2.02 FELT

Standard duty 30# organic asphalt felt, Type II ASTM D226

2.03 SHEET METAL FLASHING

.

A. 26 gauge galvanized steel with shop applied Kynar 500 fluoropolymer paint coating.

B. Supplier: Metal Panels, Inc, Tulsa, OK.

C. Color: Dark Brown typical. White at Drip Flashings.

2.04 FASTENERS

A. Felt and Metal Flashing Fasteners: Galvanized.

B. Wood Shake Fasteners: Stainless steel.

2.05 BITUMINOUS PAINT

Manufacturer and Product: Sherwin Williams, Inertol 49 WTHIXO Bituminous Coating.

PART 3 – EXECUTION

3.01 INSTALLATION GENERAL

A. Replace all damaged od deteriorated stripping.

B. Install felts, flashings and wood shakes in accordance with CSSB New Roof Construction Manual.

C. Provide 36” wide area of solid decking at all eave areas. Decking to be 1 X 4 or 1 X 6.

D. Provide eave and gable drip flashings.

E. Install felts and wood shakes true, uniform and square.

F. Provide double starter wood shake at eaves.

G. Final Installation to be weather and water tight.

3.02 SHEET METAL FLASHINGS

A. Install metal flashings true, level and square. Comply with SMACNA Architectural Sheet Metal Manual standards.

B. Paint back side of metal flashings with bituminous paint.

C. Nail attach eave and gable drip flashing at 16” on center to roof structure.

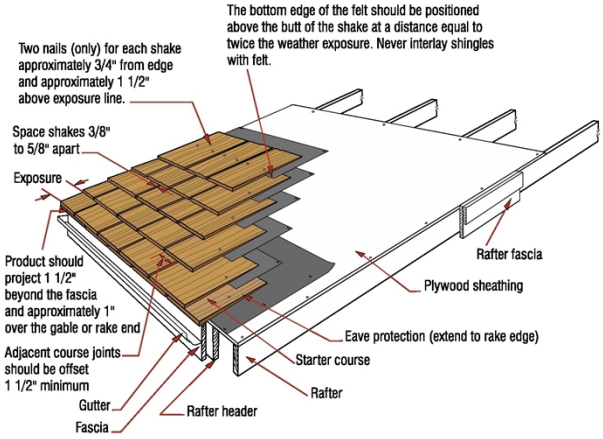


Figure 4: Certi-label® Shake Application

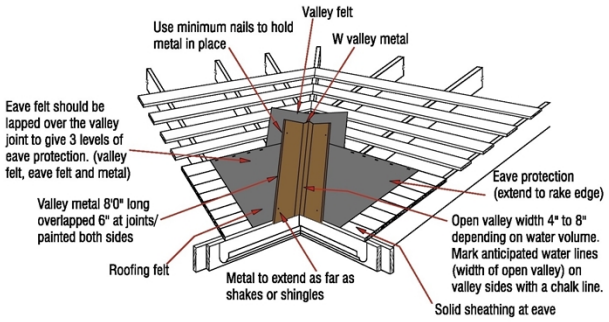


Figure 13a: Valley Metal

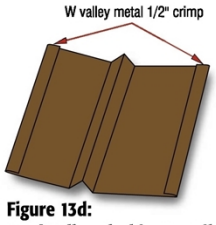


Figure 13d:
Roof Valley Flashing Detail

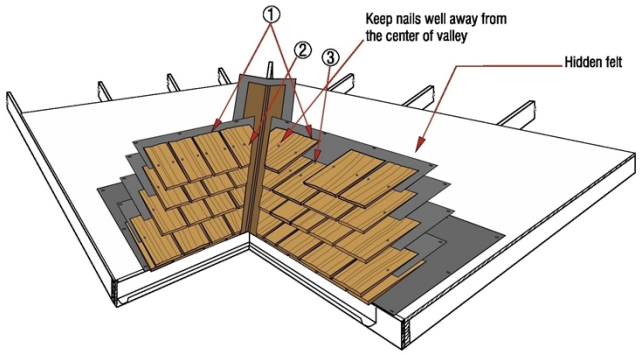


Figure 13c: Valley Product Application

Order of applying Certi-label® shakes or shingles at valley:

1. Stop course line here
2. Place pre-cut valley piece so that cut-angle is positioned on the valley guide chalk line with tip on the course line.
3. Select product of the required width to complete the course of Certi-label® shakes or shingles.

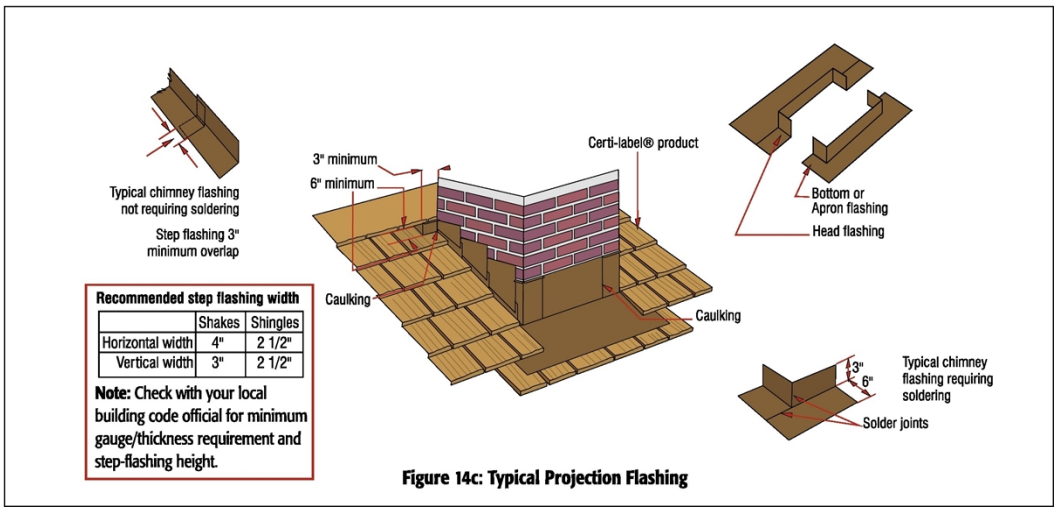


Figure 14c: Typical Projection Flashing

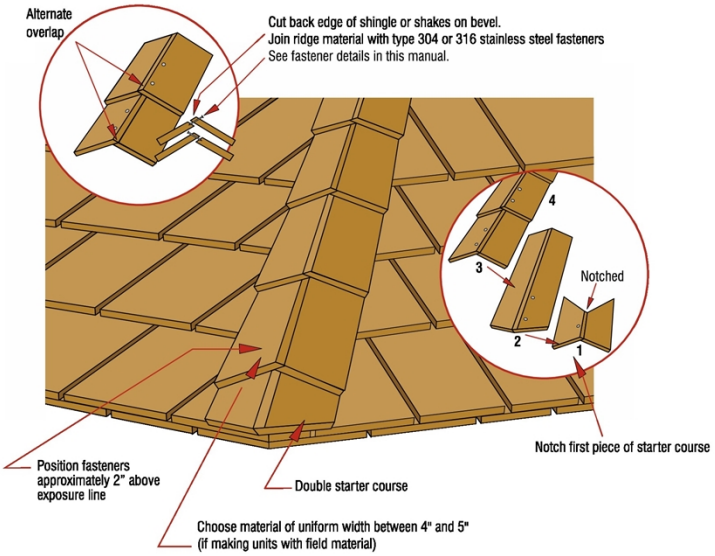
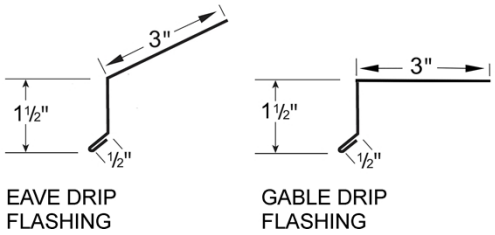


Figure 8: Certi-label® Hip and Ridge Application

3.04 EAVE AND GABLE DRIP FLASHINGS



3.05 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Works Includes: Sealants.

B. Related Work:
1. Wood Doors and Hardware - 08200
2. Replacement Windows – Section 08300.
3. Painting – Section 09900.

1.03 SUBSTITUTIONS

For substitutions of specified products refer to Section 01600 - Product Options and Substitutions.

1.04 APPLICABLE STANDARDS

1.05 APPLICABLE STANDARDS

A. The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163.

B. Product Safety Data Sheets (SDS).

1.05 DELIVERY, STORAGE AND HANDLING

Deliver, store and handle products in accordance with product manufacturer's printed instructions and recommendations.

PART 2 – PRODUCTS

2.01 SEALANTS

A. Sealant Types:

TYPE 1 Polyurethane, Non-Sag:
DAP Polyurethane Plus
Masterseal MP-1 by BAFF
DynaTrol 1 by Pecora Corporation

TYPE 2 Acrylic Latex:
DAP Alex Plus
AC-20 by Pecora Corporation
Acrylic Latex No. 834 by Tremco

B. Sealant Colors: Match color of adjacent material or product.

PART 3 – EXECUTION

3.01 PREPARATION

A. Clean and prime joints in accordance with sealant manufacturer's printed instructions and recommendations.

B. At home exterior remove all loose sealant and foreign matter from joints in siding, trim, columns, porch railing and balcony railing. Remove dust and debris from joints with compressed air.

C. Protect elements adjoining the work of this Section from damage or disfiguration. Install masking tape to maintain clean lines and protect adjoining surfaces where necessary.

3.02 SEALANT SCHEDULE

HOME EXTERIOR JOINTS:

Window and Door Frame Perimeters: TYPE 1
Abutment Joints: TYPE 1
Joints in Sheet Metal Flashings: TYPE 1

HOME INTERIOR JOINTS:

Window and Door Frame Perimeters: TYPE 2
Abutment Joints: TYPE 2

3.03 INSTALLATION

A. Install products in accordance with product manufacturer's written instructions and recommendations.

B. Install sealant free of air pockets, foreign embedded matter, ridges and sags. Installed sealants to be smooth and uniform in appearance.

C. Exterior home envelope after sealant installation to be weather and water tight.

3.04 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included:
1. New Wood Doors.
2. ADA ISA Door Sign.

B. Related Work:
1. Door Hardware – Section 08250.
2. Painting – Section 09900.

1.03 SUBSTITUTIONS

For substitutions of specified products refer to Section 01600 - Product Options and Substitutions.

1.04 APPLICABLE STANDARDS

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

1.05 DELIVERY, STORAGE AND HANDLING

Handle new doors with clean hands or clean gloves at all times. Do not drag doors.

1.06 GUARANTEE

Provide One Year manufacturer's Guarantee. See Required Guarantees and Warranties Section 01800. Use Guarantee Form in Section 01800A.

PART 2 – PRODUCTS

2.01 NEW EXTERIOR WOOD DOORS

A. Manufacturer: Red River Restorations, Coupland, TX.

B. Configuration: Window over two panel match existing exterior Second Floor Sleeping Porch Historic door.

C. Construction: Paint grade, full mortise and tendon rail to style joints.

D. Glazing: 1/4" tempered glass.

E. Door Thickness: 1-1/2 inch.

F. Finish: Shop spray applied oil base primer.

Existing Sleeping Porch Historic Door

2.02 NEW INTERIOR WOOD DOORS

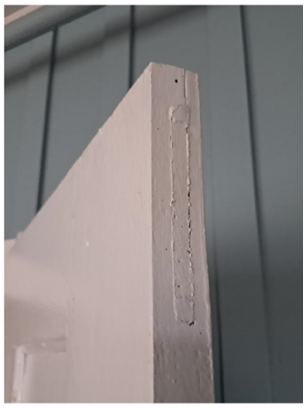
A. Manufacturer: Red River Restorations, Coupland, TX.

B. Configuration: Four panel matching existing interior Historic doors in Home.

C. Construction: Paint grade, full mortise and tendon rail to style joints.

D. Door Thickness: 1 inch.

E. Finish: Shop spray applied oil base primer.



Existing Interior Historic Door

PART 3 – EXECUTION

3.01 NEW DOOR SCHEDULE

ROOM	DOOR LOCATION
First Floor Foyer Room 102 South Exterior	
First Floor Kitchen Room 105 West Exterior	
First Floor Dining Room Room 106 North Exterior	
First Floor Bedroom Room 107 Easr Exterior	
First Floor Parlor Room 103 Interior	Door Opening between Parlor and Kitchen
First Floor Parlor Room 103 Interior	Door Opening between Parlor and Foyer
First Floor Front Bedroom Room 104 Interior	
First Floor Bedroom Room 107 Interior	
Second Floor West Bedroom Room 211 Interior	
Second Floor East Bedroom Room 212 Interior	

3.02 DOOR SIGN SCHEDULE

DOOR LOCATION	REQUIRED SIGN	MOUNTING LOCATION AND HEIGHT
First Floor West Exterior Door	6” X 6” ISA ADA Sign Depot ADA-1001	Strike Side of Door +60” to Sign centerline.

3.03 INSTALLATION NEW WOOD DOORS

A. Wood Doors Installation: Install doors square, plumb and level.

B. Door Clearances:
   1. 1/8" between door and frame at head and jambs. Provide uniform clearance.
   2. 1/2" at bottom above threshold.

3.04 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included: Door Hardware.

B. Related Work: Wood Doors – Section 08200.

1.03 SUBSTITUTIONS

For substitutions of specified products refer to Section 01600 - Product Options and Substitutions.

1.04 APPLICABLE STANDARDS

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

PART 2 – PRODUCTS

2.01 NEW EXTERIOR DOOR MORTISE LOCKSET

Manufacturer and Product: Van Dyke's Restorers, Restorer Classic Interior Reversible Mortise Lock, Item ID: 02093760. Finish: Oil Rubbed Bronze.

2.02 NEW EXTERIOR DOOR BACK PLATES

Internet see Antique Metal Door Back Plates. Match existing Historic Back Plates.

2.03 NEW EXTERIOR DOOR KNOBS

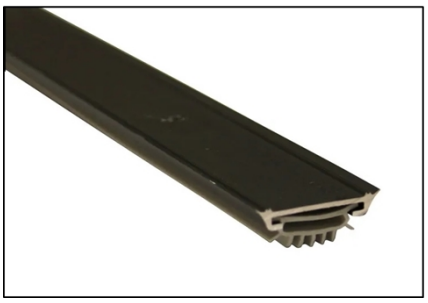
Manufacturer and Product: House of Antique Hardware, Pair of Streamline Deco Door Knobs. Finish: Oil Rubbed Bronze. Item #: RS-01NW-702394.

2.04 NEW EXTERIOR DOOR HINGES

Manufacturer and Product: House of Antique Hardware, 4” Solid Brass Door Hinge with Ball Finials. Finish: Oil Rubbed Bronze. Item #: W-04HH-320-OB.

2.05 NEW EXTERIOR DOOR BOTTOM

Manufacturer and Product: Pemko Door Bottom with Vinyl Insert, PEM-P209DV-48. Finish: Dark Bronze Anodized.



2.06 NEW INTERIOR DOOR RIM LOCKSET

A. Rim Lockset Manufacturer and Product: House of Antique Hardware, Cast Iron Vertical Rim Lock, Item # R-015-1023V-AI.

B. Knobs Manufacturer and Product: House of Antique Hardware, Pair of Streamline Deco Door Knobs. Finish: Oil Rubbed Bronze. Item #: RS-01NW-702394.

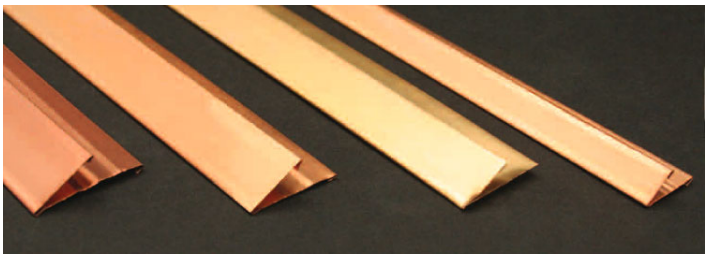
C. Rosette Manufacturer and Product: Van Dyke's Restorers, Restorer Classic 2 1/4 Inch Traditional Stamped Brass Door Rosette, Item ID: 02093235. Finish: Oil Rubbed Bronze.

2.07 NEW INTERIOR DOOR HINGES

Manufacturer and Product: House of Antique Hardware, 3” Cast Iron Door Hinge with Ball Finial. Item #: R-04DE-120-AI-BT.

2.08 EXTERIOR DOOR WEATHERSTRIPPING

Manufacturer and Product: Hoelscher Weatherstrip Mfg Company, Tomball, TX, 7/8” Copper Weatherstripping.



PART 3 – EXECUTION

3.01 EXISTING DOOR HARDWARE TO REMAIN

A. Locksets, Keepers and Strikes: Straighten to vertical and level position. Tighten all loose screws. Furnish and install missing screws. Lubricate Lockset mechanisms. Remove paint splatter and overpaint from Locksets, Strikes and Keepers. Clean Hardware.

B. Hinges: Clean.

3.02 DOOR HARDWARE SCHEDULE

DOOR LOCATION	COMMENTS	NEW HARDWARE
Foyer Room 102 New Exterior Wood Door	Remove existing Lockset. Remove existing Dead Bolt. Relocate existing Back Plates and Knobs from Dining Room 106 Exterior Door. Existing Hinges to remain. Remove existing Copper Weatherstripping.	Exterior Door Mortise Lockset Schlage Keyless Entry Electronic Deadbolt BE365-PLY and Strike Oil Rubbed Bronze. Mount at +48” Copper Weatherstripping and Door Bottom

Kitchen Room 105 New Exterior Wood Door	Remove existing Lockset. Remove existing Threshold. Remove existing Deadbolt. Relocate existing Back Plates and Knobs from Bedroom Room 107 Exterior Door. Remove existing Hinges. Remove existing Kerf Weatherstripping and infill Kerf cut.	Exterior Door Mortise Lockset Schlage Keyless Entry Electronic Deadbolt BE365-PLY and Strike Oil Rubbed Bronze. Mount at +48” Pemko 272 X 6” Aluminum Threshold Clear Anodized ADA Rubber Threshold Ramp. 1-1/2” by Express Ramps 3 Exterior Door Hinges Copper Weatherstripping and Door Bottom
Dining Room 106 New Exterior Wood Door	Remove existing Sliding Latch. Existing Hinges and Mortise Lockset to remain. Move existing Back Plates and Knobs to Foyer Room 102 Exterior Door. Existing Kerf Weatherstripping to Remain	Thumb Action Dead Bolt One Side Schlage B600 Series 613 and Strike Oil Rubbed Bronze Finish. Mount at +48”. Back Plates and Knobs Door Bottom
Bedroom Room 107 New Exterior Wood Door	Remove existing Sliding Latch. Existing Hinges and Mortise Lockset to remain. Move existing Back Plates and Knobs to Kitchen Room 105 Door Exterior Existing Kerf Weatherstripping to Remain.	Thumb Action Dead Bolt One Side Schlage B600 Series 613 and Strike Oil Bronze Finish. Mount at +48”. Back Plates and Knobs Door Bottom
First Floor Under Stair Interior Existing Interior Wood Door	Remove existing Sliding Latch.	Key Action Dead Bolt One Side Schlage B600 Series 613 and Strike Oil Rubbed Bronze Finish. Mount at +48”.
Parlor Room 103 East Door New Interior Wood Door		Rim Lockset and 2 Hinges
Parlor Room 103 North Door New Interior Wood Door		Rim Lockset and 2 Hinges

Front Bedroom Room 104 New Interior Wood Door		Rim Lockset and 2 Hinges
Bedroom Room 107 New Interior Wood Door		Rim Lockset and 2 Hinges
Stair / Landing Room 209 Existing Exterior Wood Door	Remove existing Sliding Latch. Remove existing Copper Weatherstripping	Thumb Action Dead Bolt One Side Schlage B600 Series 613 and Strike Oil Rubbed Bronze Finish. Mount at +48”. Copper Weatherstripping
Closet/Mechanical Room 210 Existing Interior Wood Door	Remove existing Sliding Latch.	Rim Lockset Key Action Dead Bolt One Side Schlage B600 Series 613 and Strike Oil Rubbed Bronze Finish. Mount at +48”.
West Bedroom Room 211 New Interior Wood Door		Rim Lockset and 2 Hinges
East Bedroom Room 211 New Interior Wood Door		Rim Lockset and 2 Hinges

3.05 INSTALLATION NEW HARDWARE GENERAL

Install Hardware plumb and level. Securely attach with screws matching Hardware finish.

3.05 INSTALLATION COPPER WEATHERSTRIPPING

Install cooper weathering at head and jambs of exterior doors where called for on the Door Hardware Schedule. Attach weatherstripping to door frame trim with copper nails at 1-1/2 inches on center.

3.06 INSTALLATION THRESHOLD RAMP

Install ramp in accordance with ramp manufacturer’s instructions and recommendations.

3.07 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

1. Work Included: First Floor Exterior Replacement Windows.

2. Related Work: Joint Sealer & Caulk – Section 07900.

1.03 SUBSTITUTIONS

For substitutions of specified products refer to Section 01600 - Product Options and Substitutions.

1.04 DELIVERY, STORAGE AND HANDLING

A. Deliver, storage and handle products in accordance with product manufacturer's written instructions and recommendations.

B. Handle windows with clean hands or clean gloves at all times. Do not drag windows.

1.05 GUARANTEE

Provide One Year manufacturer's Guarantee. See Required Guarantees and Warranties Section 01800. Use Guarantee Form in Section 01800A.

PART 2 - PRODUCTS

2.01 FIRST FLOOR REPLACEMENT WINDOWS

A. Manufacturer and Product: Adams Architectural Millwork Co., Dubuque, IA. Invisible Balance Double Hung with single pane glass, 2 over 2 design, 4 lites. Windows to have solid vertical mullion matching existing window configuration.

Existing Window


Existing Historic Window Stop Molding

B. Window Specification:
   1. Jamb: 3/4” X width to be determined by Contractor.
   2. Sash: 1-3/8”
   3. Styles: 2-7/16”
   4. Bottom Rail: 3-1/2”
   5. Glazing: 1/4” glass
   6. Stop Molding Profile: Match existing Historic Stop Molding.
   7. Wood Species: White Pine.
   8. Latch Hardware: No latch or pull required.
   9. Finish: Shop spray applied Oil-Base Primer.

PART 3 – EXECUTION

3.01 INSTALLATION

A. Install windows in accordance with product manufacturer’s instructions and recommendations.

B. Maintain uniform alignment with Home.

C. Securely attach windows to existing window openings, plumb and square without distortion.

D. Install windows weather tight and freely operating.

E. At exterior and interior of window perimeters seal windows to existing Home trim with sealant.

F. Remove all labels and markings.

G. Clean windows.

3.02 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included:
1. New screen doors.
2. New window screens.

B. Related Work: Joint Sealers – Section 07900.

1.03 APPLICABLE STANDARDS

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

1.04 SUBSTITUTIONS

For substitutions of specified products refer to Section 01600 - Product Options and Substitutions.

1.05 DELIVERY, STORAGE AND HANDLING

A. Deliver, storage and handle products in accordance with product manufacturer's written instructions and recommendations.

B. Handle screen doors and window screens with clean hands or clean gloves at all times. Do not drag screen doors or window screens.

1.06 GUARANTEE

Provide One Year manufacturer's Guarantee. See Required Guarantees and Warranties Section 01800. Use Guarantee Form in Section 01800A.

PART 2 - PRODUCTS

2.01 SCREEN DOORS

A. Manufacturer and Product: Red River Restorations, Coupland, TX, Pine frame matching Historic original screen doors.

B. Configuration: Single screen. Match Historic screen door.

C. Top rail and jamb style widths: 3 inches. Bottom rail width: 6 inches.

D. Screen Mesh Material: Steel mesh.

E. Frame Finish: Shop spray applied oil-base primer and latex gloss paint. Color: Black.

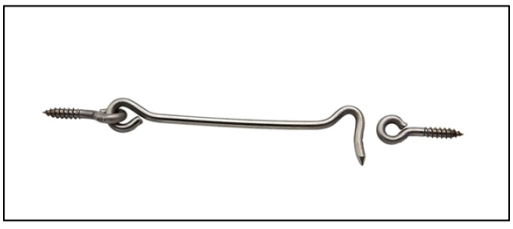
Historic Front Screen Door

2.02 SCREEN DOOR PUILL

Manufacturer and Product: Swinging Café Doors, 2 Hole Vintage Door Pull / Door Handle. Finish: Vintage. SKU: 88609-10-12-13-O.

2.03 SCREEN DOOR LATCH

Manufacturer and Product: National Hardware Steel Hook & Eye, 4”. Finish: Galvanized



2.04 SCREEN DOOR HINGE

Manufacturer and Product: House of Antique Hardware, Half-Surface Door Hinge with Ball Tips. Finish: Matte Black. Item # R-06H-80320-019.

2.05 WINDOW SCREENS

A. Manufacturer and Product: Red River Restorations, Coupland, TX, Pine frame matching Historic original window screens.

Historic Window Screens Photo

B. First Floor Window Screen Configuration: One over One.

C. Second Floor Window Screen Configuration: One over One with 45 degree corner bracing as shown in Historic Window Screens Photo.

D. Window Screens Hardware: Provide two top exposed hangers. Color: Black. ne inside hook/ eye type latch.

F. Screen Mesh Material: Historic steel mesh.

G. Frame Finish: Shop spray applied oil-base primer and latex gloss paint. Color: Black.

PART 3 – EXECUTION

3.01 SCREEN DOOR SCHEDULE

Provide screen door at all First Floor and Second Floor exterior doors.

3.02 WINDOW SCREEN SCHEDULE

Provide window screens on all First Floor and Second Floor windows.

3.04 INSTALLATION SCREEN DOORS

A. Install products in accordance with product manufacturer's instructions and recommendations.

B. Provide 2 Hinges at each door.

C. Provide uniform space between screen door and existing door frame openings at top, bottom and sides.

D. Securely attach screen doors to existing door frame openings. Screen doors to be plumb and square without distortion.

3.05 INSTALLATION WINDOW SCREENS

A. Install products in accordance with product manufacturer's instructions and recommendations.

B. Provide uniform space between window screen and existing window openings at top, bottom and sides.

C. Securely attach window screen hardware to existing window frame opening. Window screens to be plumb and square without distortion.

3.06 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included: Existing door glazing replacement.

B. Related Work: Painting – Section 09900.

1.04 APPLICABLE STANDARDS

A. Consumer Product Safety Commission (CPSC), Safety Standard for Architectural Glazing Materials, 16CFR, Part 1201.

C. American National Standards Institute (ANSI): ANSI Z97.1, Performance Specifications and Methods of Test for Safety Glazing Material Used in Buildings.

C. The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

1.05 DELIVERY, STORAGE AND HANDLING

A. Deliver glass with manufacturer's labels intact.

B. Deliver glazing and glazing compounds to site in manufacturer's unopened labeled packaging.

1.06 REQUIRED PROJECT CONDITIONS

A. Perform glazing when ambient temperature is above 40 degrees F.

B. Install glazing on dry surfaces only.

PART 2 - PRODUCTS

2.01 GLAZING

1/4" thick clear view tempered glass.

2.02 GLAZING COMPOUND PUTTY

DAP Glazing Compound 33.

PART 3 – EXECUTION

3.01 REGLAZING SCHEDULE

Reglaze the Following: Second Floor Exterior Door / Stair Landing Room 109

3.02 EXISTING GLASS REMOVAL

A. Remove existing glass and glass trim stops.

B. Store trim stops to prevent damage.

3.03 PREPARATION OF DOOR AND TRIM STOP SURFACES

A. Remove all glazing compound putty from door surfaces and trim stops in area of reglazing.

B. Clean door surfaces which will be in contact with new glazing.

C. Prime all exposed door raw wood in area of reglazing and raw wood areas of trim stops.

3.04 INSTALLATION

A. Install new glazing compound putty on doors in area of reglazing.

B. Install glazing tight with no gaps in glazing compound putty.

C. Install layer of glazing compound putty between glass and trim stop to be re-installed.

D. Re-Install trim stop.

E. Installations to be air and moisture tight.

3.05 GLAZING CLEANING

A. Remove manufacturer’s labels.

B. Remove exposed glazing compound putty from glass surfaces.

C. Clean glazing.

3.06 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included: Existing Second Floor windows restoration.

B. Related Work: Painting – Section 09900.

1.03 APPLICABLE STANDARDS

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

PART 2 - PRODUCTS

Glazing Compound Putty: DAP Glazing Compound 33.

PART 3 – EXECUTION

3.01 SCOPE OF WORK EXISTING WINDOW RESTORATION

Make existing Second Floor windows operable and replace all missing and/or loose exterior glazing putty.

Remove paint from all window hardware.

3.02 GLAZING COMPOUND PUTTY REPLACEMENT

Remove all missing and/or loose exterior glazing putty.

Clean window frame surfaces which will be in contact with new glazing putty.

Prime all exposed window frame raw wood surfaces which will be covered with replacement glazing putty.

Install replacement glazing compound putty. Replacement glazing compound putty to have final smooth and uniform surface.

3.04 GLAZING CLEANING

Remove all new glazing compound putty from glass surfaces.

Clean glass surfaces.

3.05 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
1. Metal Lath.
2. Metal Accessories.
3. Cement Plaster.

1.03 SUBSTITUTIONS

Only written approval of Architect by Addendum, Architect's Supplemental Instructions or Change Order will permit substitutions for products specified. Refer to Section 01600 - Product Options and Substitutions for procedure.

1.04 APPLICABLE STANDARDS

A. ASTM C897 - Standard Specification for Application of Portland Cement-Based Plaster, latest edition

B. ASTM C926 - Standard Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters, latest edition.

1.05 MOCKUP

A. Install 24" X 24" sample of cement plaster on wall in room where cement plaster will be installed showing final coat texture and finish for review by Architect.

B. Provide additional Mockup(s) if required until Mockup is approved by Architect.

1.06 ENVIRONMENTAL CONDITIONS

Do not apply Scratch, Brown and Finish Coats if the ambient temperature will fall below 40ºF within 24 hours of applications of Coats. Protect cement plaster materials from uneven and excessive evaporation during dry weather.

1.07 DELIVERY, STORAGE AND HANDLING

A. Deliver materials in manufacturer's original, unopened protective packaging.

B. Store inside building or under cover to keep products clean and free from damage due to water or other deteriorating elements. Do not store on ground.

C. Handle so as to prevent damage during storage and installation.

PART 2 – PRODUCTS AND MATERIALS

2.01 METAL LATH

A. Wall Lath: Un-finished 2.5# per square yard self-furring dimpled lath by ClarkDietrick Building Systems.

B. Ceiling Lath: Un-finished 2.5# per square yard diamond mesh lath by ClarkDietrick Building Systems.

2.02 METAL ACCESSORIES

A. General: All products are by ClarkDietrick Building Systems.

B. Outside Corner Bead: #2A Expanded Corner Bead.

C. Inside Corner: Cornerite, 3” X 3”.

D. Casing Beads: #66X Expanded Flange (1”).

2.03 CEMENT PLASTER

A. Cement Plaster System: Armourwall 300 Stucco Assembly by Parex USA, 3 coat.

B. Scratch and Brown Coats: Parex Fiber-47 Armourwall Scratch & Brown Concentrate.

C. Primer: Parex USA PrimeShield 100% acrylic based primer.

D. Finish Coat: Parex Plaster.

E. Final Finish Texture: Smooth.

2.05 SAND

Per ASTM C897 well graded from fine to coarse.

2.06 FASTENERS

A. Wire: 18 gauge galvanized.

B. Screws: #8 X 1-1/2” SMS with 7/16” diameter pan or wafer head.

PART 3 – EXECUTION

3.01 EXAMINATION AND CORRECTION

A. Examine and inspect existing walls and ceiling joists which is to receive the work of this Specification Section.

B. Prior to installation, the substrate shall be inspected for surface contamination, or other conditions that may adversely affect the performance of the cement plaster assembly materials, and shall be free of residual moisture.

C. Provide wood shims as required on existing walls to provide uniform vertical surface for lath attachment. Provide wood shims as required on existing ceiling to provide uniform level surface for lath ceiling furring strips.

D. All issues and deficiencies of existing walls and ceiling joists are to be resolved prior to the commencement of the work of this Specification.

3.04 CASING BEAD INSTALLATION

Install casing beads at perimeter of door trim, window trim, fireplace and top of wainscot. Screw attach casing bead to walls at 12” maximum on center.

3.05 METAL LATH INSTALLATION

A. Install lath sheets straight, plumb and level. At walls long dimension of lath to be horizontal. Lap wall lath over top of installed casing bead flanges. At ceilings long dimension of lath to be installed perpendicular to furring strips.

B. Side Lap: 1/2” minimum.

C. End Lap: 1” minimum.

D. Attachment at Walls:
1. Screw attach lath to walls at 16” on center maximum on center each way. Provide screws at 16” on center at lath laps. Screws to penetrate both lapped lath sheets.

2. Attach lath sheets together at laps with tie wire at 6” maximum on center.
3. Tie wire connect lath to casing beads at 12” on center maximum.

E. Attachment at Ceiling:
1. Screw attach lath to ceiling furring strips at 16” on center maximum. Screws at lath sheet edges to be located a maximum of 3” from sheet edge.
2. Attach lath sheets together at laps with tie wire at 6” maximum on center.

3.06 INSIDE CORNER ACCESSORY INSTALLATION

A. Install inside corner metal accessory on top of lath sheets.

B. Tie wire connect corner metal accessory flanges to lath at 12” on center maximum.

3.07 SCRATCH AND BROWN COATS MIXING AND INSTALLATION

A. General: Comply with ASTM C-926 and product manufacturer’s printed instructions and recommendations.

B. SCRATCH COAT (FIRST COAT)
1. Apply sufficient amount of material and pressure to force cement plaster through lath openings and embed into lath.
2. Before cement plaster hardens scratch plaster surface evenly in horizontal direction to provide good mechanical key for Brown Coat.
3. Thickness: Approximately 3/8”.

C. BROWN COAT (SECOND COAT)
1. Minimum waiting period between Scratch and Brown Coats installation: 48 hours.
2. Apply over Scratch Coat double back as required to fill out to proper thickness. Use temporary ground wires where necessary.
3. Apply sufficient amount of material and pressure to force Brown Coat to embed into the Scratch Coat.
4. Float to a true plane surface. All corners are to be true, plumb and level with slightly rounded arises
5. Thickness: Approximately 3/8”.

3.09 FINISH COAT MIXING AND INSTALLATION

A. General: Comply with ASTM C-926 and product manufacturer’s printed instructions and recommendations.

B. Minimum waiting period between Brown Coat and Finish Coat: 3 days.

C. Float to a true plane surface. All corners are to be true, plumb and level.

D. Thickness: 1/8” minimum.

E. Finish: Smooth.

3.10 CURING

A. Maintain Scratch and Brown Coats continuously damp for 48 hours minimum after application including Saturdays, Sundays and Holidays.

B. Apply fine fog spray of water. Avoid soaking surface. Begin as soon as each coat has hardened sufficiently not to be injured by fogging.

3.11 CLEANING

A. Clean adjacent building surfaces as work progresses.

B. Thoroughly clean complete work.

3.12 PROTECTION

Protect the installed work.

END OF SECTION.

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:
1. First Floor wood flooring replacement
2. Frist Floor Front Veranda decking

B. Related Work:
1. Rough Carpentry – Section 06100.
2. Sheet Vinyl Flooring Historic – Section 09520.
3. Painting – Section 09900.

1.03 SUBSTITUTIONS

Only written approval of the Architect by Addenda, Architect's Supplementary Instructions or Change Order will permit substitutions for products specified. Refer to Section 01600 - Product Options and Substitutions for procedure.

1.04 APPLICAPABLE STANDARDS

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

1.05 SUBMITTALS

A. Refer to Section 01500 - Submittal Procedures for requirements.

B. Product Samples: Provide two 8 inch long product samples for review and approval.

1.06 DELIVERY, STORAGE AND HANDLING

Store wood flooring inside Home, Barn or storage container. Contact with weather moisture is prohibited.

PART 2 – PRODUCTS

2.01 PARLOR ROOM 103 AND FRONT BEDROOM ROOM 104 FLOORING

Manufacturer and Product: Pioneer Millworks, Settlers' Plank Oak reclaimed lumber.

Board Dimensions: 3/4" X 7".

Random Board Lengths: 6 feet to 12 feet.

Edge Profile: Square.

Plane Requirement: 50% miss and 50% hit.

Initial Finish: Scrub

Final Finish: No Final Finish.

2.02 FOYER ROOM 102, KITCHEN ROOM 105, DINING ROOM 106 AND BEDROOM ROOM 107 FLOORING

Manufacturer and Product: Custom Cut Millwork, Wells, TX, yellow pine flooring.

Board Dimensions: 3/4” X 3-1/4”.

Board Length: 10 feet.

Edge Profile: Tongue and groove.

Finish: Painted refer to Painting Section 09900.

2.03 FRONT VERANDA DECKING

Manufacturer and Product: Custom Cut Millwork, Wells, TX, yellow pine flooring.

Board Dimensions: 3/4” X 5”.

Edge Profile: Tongue and groove.

Finish: Painted refer to Painting Section 09900.

2.04 PARLOR ROOM 103 AND FRONT BEDROOM ROOM 104 FLOORING FASTENERS

Acorn Manufacturing, Hardened Floor Nail, 2”, CFH7L.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Examine and inspect portions of the building which are to receive the work of this Specification Section.

B. Verify assure that work is to proper dimension, alignment and elevation.

C. All issues and deficiencies are to be resolved prior to the commencement of the work of this Specification Section.

3.02 PREPARATION

Accurately lay out work to properly position all elements to lines and levels.

3.03 INSTALLATION PARLOR ROOM 103 AND FRONT BEDROOM ROOM 104 FLOORING

A. Install flooring straight, level, true to line with tight joints and full bearings.

B. Exposed nail.

3.04 INSTALLATION FOYER ROOM 102, KITCHEN ROOM 105, DINING ROOM 107 AND BEDROOM ROOM 107

. A. Install flooring straight, level, true to line and full bearings.

B. Blind nail.

3.04 INSTALLATION FRONT VERANDA DECKING

. A. Install decking straight, level, true to line and full bearings.

B. Provide full sealant bead in board grooves before installation

C. Blind nail.

3.06 ADJUSTMENT AND CLEANING

A. Correction of Defective Work: Work not conforming to the Contract requirements shall be removed and replaced except where remedial work is specifically permitted by Architect. The Contractor shall bear all costs of correction of defective work.

B. Cleaning: Clean surfaces as work progresses.

3.07 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included: Kitchen Room 105 Sheet Vinyl Flooring.

B. Related Work: Wood Flooring – Section 09500.

1.03 APPLICABLE STANDARDS

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

PART 2 – PRODUCTS

2.01 SHEET VINYL FLOORING HISTORIC

A. Manufacturer and Product: Mannington Revive Sheet Vinyl.

B. Color and Pattern: Platinum Tapestry Wool.

2.02 ALUMINUM EDGE TRIM

1-3/8" Silver Aluminum Carpet Hammered Trim. Supplier: Home Depot.

PART 3 - EXECUTION

3.01 PREPARATION

A. Wood flooring to be sanded smooth and level.

B. Prime wood flooring.

C. Wood flooring to be free of all loose dust and foreign matter.

3.02 INSTALLATION

A. Install sheet vinyl floor in accordance with product manufacturer's printed instructions and recommendations.

B. Provide aluminum edge trim open sheet vinyl edges.

3.03 PROTECTION OF WORK

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included: Carpet for First Floor Dining Room 108 and Second Floor West Bedroom Room 211.

B. Related Work:
1. Wood Flooring – Section 09500.
2. Painting – Section 09800.

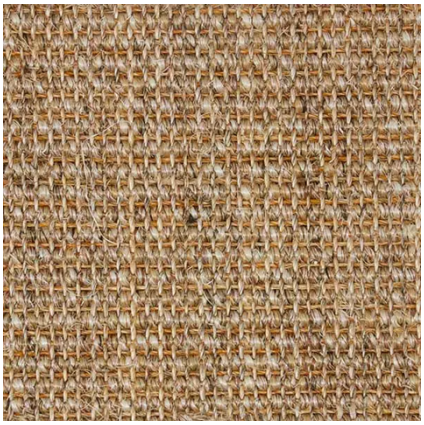
1.03 APPLICABLE STANDARDS

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

PART 2 – PRODUCTS

2.01 SEA GRASS CARPET

Manufacturer and Product: Curran & Sisalcarpet, Seattle, WA, Stain Resistant Sisal, Whidbey Wide. Color: Mesquite.



2.02 INGRAIN CARPET

Manufacturer and Product: Family Heirloom Weavers, Red Iron, PA. Color Pattern: Ballestone.

2.03 ADHESIVE

Product approved by the carpet manufacturer.

2.04 ALUMINUM EDGE TRIM

1-3/8” Silver Aluminum Carpet Hammered Trim. Supplier: Home Depot.

PART 3 – EXECUTION

3.01 CARPET SCHEDULE

CARPET	LOCATION
Sea Grass Carpet	Dining Room 106
Ingrain Carpet	Second Floor West Bedroom Room 211

3.02 PREPARATION

A. Wood flooring to be sanded smooth and level.

B. First floor wood flooring to be primed.

C. Wood flooring to be free of all loose dust and foreign matter.

3.03 INSTALLATION

A. Install carpet tile per carpet manufacturer’s printed instructions and recommendations.

B. Provide aluminum trim at open carpet edges.

C. Carpet joints to be tight and uniform.

D. Cut and fit carpet around interruptions. Fit carpet tight to intersection with vertical surfaces without gaps.

3.04 ADJUSTMENT AND CLEANING

A. Finished installation to be smooth and flat. Seams to free of peaks, crowns, gaps or defects. Relay or rework carpet if necessary.

B. Remove exposed adhesive from floor and base.

C. Remove adhesive and spots from carpet with carpet manufacturer’s approved remover product. Use remover product per product manufacturer’s printed instructions and recommendations.

D. Vacuum carpet clean.

3.05 PROTECTION

A. Keep foot traffic off installed carpet for 24 hours minimum after installation.

B. Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included: New Wallpaper in First Floor Foyer Room 102.

B. Related Work: Painting – Section 09900.

1.03 APPLICABLE STANDARDS

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

1.04 DELIVERY, STORAGE, AND HANDLING

Deliver to Project in sealed packaging.

1.05 EXTRA MATERIALS

Provide Owner one full roll of wallpapering in original packaging.

PART 2 – PRODUCTS

2.01 WALLPAPER COST ALLOWANCE

For bidding purposes use $5.00 per square foot cost for wallpaper.

2.02 WALLPAPER

As selected by Architect matching wallpaper from years 1880 – 1890.

PART 3 - EXECUTION

3.01 PREPARATION

A. Remove existing wallpaper in First Floor Foyer Room 102.

B. Correct all surface defects which may adversely affect the finished work.

C. Clean all surfaces prior to primer application. Surfaces to be free of all loose coating, dust, corrosion and foreign matter.

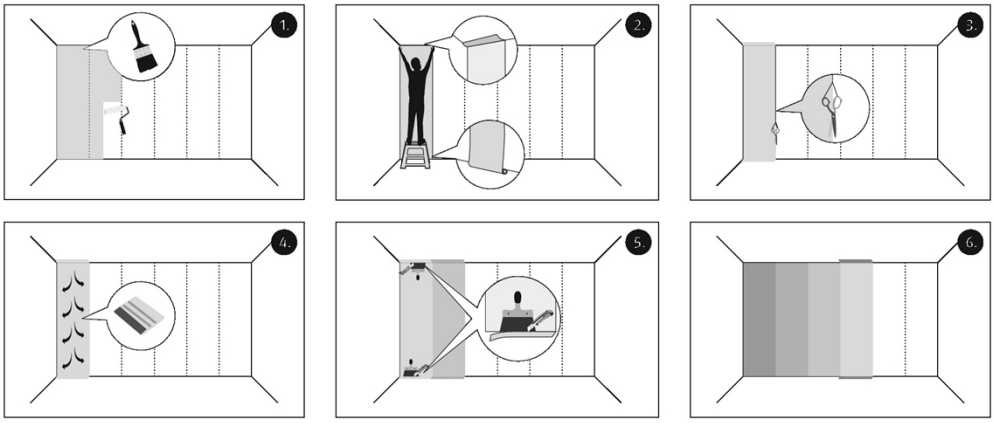
D. Prime walls.

3.02 INSTALLATION

See next Page.

HOW TO INSTALL:

- Apply paste onto the wall with a roller, never on the paper. Put enough paste for about 2-3 lengths at a time. For edges or top and bottom, use a brush to apply paste.
- Take one length of wallpaper and apply it on the pasted wall. Leave a few extra centimetres both at the top and bottom, to ensure the wallpaper covers the wall completely. Always double check to keep the straight match of the pattern.
- Smooth the wallpaper strips from top to bottom and from centre outwards. Use a brush or roller and make sure there are no air bubbles left.
- Remove the excess wallpaper from the ceiling and floor, using a sharp cutter.
- Apply the next strip of wallpaper by putting the edges together. Double check the pattern matches across both sections.
- Wash away excess paste with a damp soft cloth.



PLEASE NOTICE! When designs have dark backgrounds, you may want to disguise the joins or the edge of the wallpaper with a suitable coloured chalk or pastel.

AFTER INSTALLATION:

- Ventilate the room well to ensure complete dryness of walls.
- Our wallpaper is washable, so you can remove any excess paste left on the surface of the wallpaper by using a damp soft cloth.
- Due to the printing process, some residue ink may come off the first time you clean the wallpaper. However, this does not affect the true colours in the design or the quality of the substrate. Always wipe off the wallpaper vertically.
- Never apply any kind of masking tape on the surface of the wallpaper, as this may affect the integrity of the design, which is printed on the surface.

3.03 PROTECTION OF WORK

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included:
1. Original Paint Color Determination.
2. Painting.

B. Related Work:
1. Finish Carpentry – Section 06200.
2. Wood Patching and Infilling – Section 06450.
3. Joint Sealers - Section 07900.
4. Wood Doors – Section 08200.
5. Replacement Windows – Section 08300.
6 Screen Doors and Window Screens – Section 08400.
7. Cement Plaster – Section 09220.
8. Wood Flooring and Decking – 09500.
9. Carpet – Section 09530.

1.03 DEFINITIIONS

A. DFT: Dry film thickness.

B. Paint and Painting: Collective general references that includes surface preparation, fillers, primers, stains, coatings, paints and their application.

C. Coating: A collective general reference that includes primers, stains, coatings and paints.

1.04 SUBSTITUTIONS

Only written approval of Architect by Addendum, Architect's Supplementary Instructions or Change Order will permit substitutions for products specified. Refer to Section 01600 - Production Options and Substitutions for procedure.

1.05 APPLICABLE STANDARDS

A. The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

B. Comply with applicable regulations and standards of the U.S. Environmental Protection Agency (EPA). Where these applicable regulations and standards conflict with requirements in this Specification comply with the most stringent provision(s0.

C. Product Safety Data Sheets (SDS).

1.06 SUBMITTALS

A. Refer to Section 01500 - Submittal Procedures for requirements.

B. Product Color Samples: Submit two fan decks of manufacturer's full range of paint colors.

C. Original Paint Color Determination Report.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Delivery, store and handle products in accordance with the product manufacturer's instructions and recommendations.

C. Store paint materials at minimum ambient temperature of 45°F and a maximum of 90°F unless otherwise required otherwise by manufacturer's product instructions and recommendations.

D. Contractor shall use plumbing fixtures in existing Barn for cleaning and disposal of water-based coatings. No cleaning of oil-based coatings is to occur into plumbing fixtures. No cleaning of water-based or oil-based coatings is to occur into or on paving areas or grass areas

E. Dispose of unused products per primer and paint manufacturer's Safety Data Sheet (SDS).

F. At end of each day's work remove all empty containers and primer and paint soaked rags from Home and place in disposal container.

1.08 LEAD PAINT

There is Lead-Based Paint inside the Home. Refer to Drawings.

1.09 PROJECT CONDITIONS

A. Environmental Requirements:
1. Comply with product manufacturer's instructions and recommendations when they are more stringent than limits stated herein.
2. Do not apply materials when temperature is below 50°F or above 110°F.
3. Do not apply materials when relative humidity is above 90%.
4. Provide continuous ventilation as necessary to provide air movement, aid drying, and disperse noxious fumes.
5. Do not apply paint to damp or wet surfaces.
6. Do not apply exterior primer and paint in rainy, damp, misty or excessively windy weather.
7. Do not apply interior primer and paint in areas where dust is being generated.
8. Provide interior lighting level of 80 foot-candles minimum on all surfaces during preparation, priming and painting applications.

1.10 PRE-INSTALLATION PAINTING CONFERENCE

Conduct Pre-Installation painting meeting with Owner, General Contractor or Construction Manager, Architect and Painting Contractor.

1.11 EXTRA MATERIALS

A. Provide one full gallon container of each product color use by Owner.

B. Label each paint container with color and Room location(s).

PART 2 – PRODUCTS

2.01 PRIMERS

Product names are Sherwin Williams, Cleveland, OH products unless otherwise noted. Not all products specified may be used in Project.

A. Metal Primer: Pro Industrial Pro-Cryl Universal Primer B66-1300 Series.

B. Exterior Primers:
1. Latex Primer: Exterior Latex Wood Primer B42W8141.
2. Oil-Base Primer: Exterior Oil-Based Wood Primer Y24W8020.

C. Interior Primers:
1. Latex Primer: Premium Wall and Wood Primer B28W811.
2. Oil-Base Primer: Problock Interior Oil-Based Primer B79W8810.

D. Cement Plaster Primer: Loxon Concrete and Masonry Primer and Sealer LX02W0050.

2.02 PAINTS

Product names are Sherwin Williams, Cleveland, OH products unless otherwise noted. Not all products specified may be used in Project.

A. Paint 1: Emerald Rain Refresh Acrylic Latex Enamel, Satin.

B. Paint 2: Emerald Rain Refresh Acrylic Latex Enamel, Flat

C. Paint 3: Emerald Urethane Trim Enamel Satin.

D. Paint 4: Armorseal Tread-Plex Acrylic, Semi-Gloss.

E. Paint 5: Duration Acrylic Latex Enamel, Semi-Gloss.

F. Paint 6: Duration Acrylic Latex Enamel, Flat.

2.03 PAINT COLORS

A. As selected by Architect from manufacturer's standard colors.

B. A maximum of five interior colors may be selected.

C. After receipt of the Original Paint Color Determination Report (see Paragraph 3.01) the Architect to prepare and provide Color Selection Report to Owner, Construction Manager or General Contractor.

2.04 WOOD PUTTY

Water Putty Rock Hard by Durham’s.

PART 3 - EXECUTION

3.01 ORIGINAL PAINT COLOR DETERMINATION INVESTIGATION AND REPORT

A. Conduct original paint investigation of the Will Rogers Home interior surfaces. Prepare Original Paint Determination Report. Determined colors to reference Sherwin Williams colors as close as possible. Provide copy of Report to Owner and Architect.

B. Investigate and determine original paint color of the following:

First Floor Kitchen Room 105 Walls

First Floor Dining Room 106 Walls

First Floor Bedroom Room 107 Walls

First Floor Trim (One Location Only)

Second Stair / Landing Room 209 Door

Second Floor Wood Flooring

Second Floor Exterior Sleeping Porch Wood Decking

Second Floor Fireplace Trim

Second Floor Bedroom Ceilings

3.02 PAINTING SCHEDULE GENERAL

GENERAL

Exterior painting of Will Rogers Home including mechanical, electrical and fire sprinkler system components.

Interior painting of Will Rogers Home including base, walls, ceilings, floors, doors, trim, mechanical, electrical and fire sprinkler system components.

SPECIFIC EXCLUSIONS WILL ROGERS HOME EXTERIOR

- New sheet metal chimney caps.
- East side log cabin construction demonstration area.
- Exterior door Hinges.

SPECIFIC EXCLUSIONS WILL ROGERS HOME INTERIOR

- Existing stained wood wainscot in Foyer Room 102, Parlor Room 103 and Front Bedroom Room 104.
- Existing Stair stringers, treads and risers.
- Exterior door Hinges.

3.03 GENERAL

Comply with manufacturer's product data sheets and Product Safety Data Sheets (SDS).

3.04 EXAMINATION

A. Examine all surfaces receiving paint prior to commencement of work. Repair and correct all defective, damaged or unsuitable surfaces. At surface areas which do not have the same smoothness or texture as the adjacent same material provide additional texture and/or sanding to provide a uniform surface.

B. Materials to receive paint must be dry and compliant with paint manufacturer's requirements.

C. All issues and deficiencies are to be resolved prior to the commencement of the work.

3.05 PROTECTION

A. Cover and protect finished work of other trades, work not to be painted concurrently including landscaping, lawns, paving and sidewalks.

B. Special care shall be taken when painting mechanical and electrical rooms to prevent damage to equipment and controls. Equipment and controls shall be tightly covered during surface preparation and painting work.

C. Provide signs, barricades and protective coverings to protect finished paint surfaces.

3.07 MIXING

A. Mix paints thoroughly prior to application.

B. Except where thinning is specifically allowed by manufacturer do not thin products.

3.07 PREPARATION

A. Clean all surfaces to be painted prior to primer and paint application. Surfaces to be free of all loose coating, dust, corrosion and foreign matter.

B. Refer to Wood Patching and Infilling - Section 08450.

C. Second Floor Sleeping Porch Flooring: Remove all existing paint to expose original wood flooring.

D. Existing Wood Painted:
1. Prepare painted wood in accordance with paint or primer manufacturer's printed instructions and recommendations.
2. Thoroughly clean all surfaces.
3. Fill all nail and screw holes with putty. Install putty after Prime Coat application. Spot prime all fill putty areas with Oil-Base Primer at exterior locations and Latex Primer at interior locations.
4. Fill all small cracks, splits and joints with caulk (sealant).
5. Sand all existing wood surfaces to be painted with orbital sander with final No. 200 grit sand paper. Hand sand areas that are not accessible with orbital sander. Do not adversely impact the existing Historic finish.

E. New Wood Painted:
1. Prepare wood in accordance with paint or primer manufacturer's printed instructions and recommendations.
1. Thoroughly clean all surfaces
2. Back-prime wood before installation.
3. Sand all surfaces to a smooth, uniform finish with final No. 200 grit sand paper.

F. New Cement Plaster Painted:
1. Thoroughly clean all surfaces.
2. Wash and neutralize high alkali surfaces.

G. Mildew Treatment: If mildew is present, treat mildew area with spray-on solution of 50% bleach and 50% water. Let surface dry. Spot prime area with Alkyd Primer.

H. Removal of Grease, Oil and Other Contaminants: Remove oil, grease and similar type contaminants with mineral spirits, ammonia-based cleaners or trisodium phosphate (TSP) solution. Provide adequate ventilation during use. Allow surfaces to dry prior to primer application.

3.08 PRIMING AND BACK-PRIMING

A. General:
1. Prime and/or back-prime work as soon as possible after surfaces are prepared.
2. New exterior and interior woodwork: Back-prime before installation and Prime and/or back-prime immediately after installation.

B. Back-Priming of Trim, Base, Base Shoe and similar Components: Back-prime all unexposed surfaces.

C. Back-Priming of Wood Flooring and Decking (Veranda Porch, Foyer Room 102, Kitchen Room 105, Dining Room 106 and Spare Bedroom Room 107 Flooring:

Back-prime all unexposed surfaces including butt edges and joints.

3.09 APPLICATION

A. Comply with product manufacturer's instructions and recommendations.

B. Workmanship: Evenly apply coats, well flowed on, free of laps, runs, skips, dead spots and other imperfections. Finish coats to present a uniform surface, color and texture.

C. Equipment: Brushes and spraying equipment as required and suitable for material being applied. Keep clean and in proper cooperating condition.

D. General:
1. Mask and cut-in as required to accomplish the various color combinations. Make edges of paint clean and sharp (no overlaps) where they adjoin other colors or materials.
2. Paint entire surfaces, parts, and items including reveals, returns, rabbets, soffits, projections, openings and ornamental features.
3. Sealant (Caulking): Caulk infill joints, cracks and splits in wood.

E. Number of Coats: The specified number of coats is the minimum number to be applied. Provide additional coat(s) if full, even coverage is not achieved.

F. DFT: DFT stated in Schedule of Paint Finishes must be increased to manufacturer’s recommended thickness when manufacturer’s recommended thickness exceeds the specified thickness(s).

G. Preparation Work between Coats:
1. Prepare each coat surface to receive next coat.
2. Prepare previous coat surface in accordance with the manufacturer’s product instructions and recommendations.
2. General: Repair defects, sand, dust and wipe clean.
3. Painted Wood: When dry, lightly sand smooth.
4. Cement Plaster: Neutralize suction spots or hot spots then touch-up so coat surface is uniform.

H. Application Methods:
1. General: Apply by brush to replicate Historic paint finish texture.
2. Exterior Veranda and Porch Ceilings: Spray applied.
3. Existing and new Interior Room Ceilings: Spray applied.

J. Doors: Finish faces, edges, top and bottom. At exterior doors and frames paint exterior and interior same color.

K. Color Change Interface: Make color changes at inside corners typically. Paint to a clean straight line.

3.10 PAINTING OF MECHANICAL, ELECTRICAL AND FIRE SPRINKLER SYSTEM ITEMS AND EQUIPMENT

A Paint the following:
1. Exposed mechanical pipes, ductwork, hangers, brackets, collars and supports.
2. Exposed electrical conduit, boxes, hangers, fasteners and supports.
3. Exposed exterior plumbing piping, hangers, fasteners and supports.
4. Interior surfaces of ductwork that is visible through grills, registers, and louvers. Paint flat black. Paint exposed to view dampers behind grilles, registers, and louvers to face grilles, register, or louver color.
5. All unfinished mechanical and electrical items and equipment.
6. All primed mechanical and electrical items and equipment.

B. Do not paint equipment nameplates, identification information or labels.

3.11 SCHEDULE OF PAINT FINISHES

A. Metal Exterior:

1. Existing Mechanical, Electrical and Fire Sprinkler Components:
   a. Coat 1: Paint 1. 1.6 mils DFT
   b. Coat 2: Paint 1. 1.6 mils DFT
   c. Total DFT: 3.2 mils.

2. New Mechanical, Electrical and Fire Sprinkler Components:
   a. Coat 1: Metal Primer. 1.8-3.6 mils DFT
   b. Coat 2: Paint 1. 1.6 mils DFT
   c. Coat 3: Paint 1. 1.6 mils DFT

B. Wood Exterior:

1. Existing Siding, Roof Overhangs, House Trim, Railings, Columns, Crawl Space Vents and Windows:
   a. Coat 1: Latex Wood Primer. 1.3 mils DFT
   b. Coat 2: Paint 1. 1.6 mils DFT
   b. Coat 3: Paint 1. 1.6 mils DFT
   c. Total DFT: 4.5 mils.

2. Existing Doors, Door Trim and South Entrance Door and Window Trim:
   a. Coat 1: Latex Wood Primer. 1.3 mils DFT
   b. Coat 2: Paint 3. 1.6 mils DFT
   b. Coat 3: Paint 3. 1.6 mils DFT
   c. Total DFT: 4.5 mils.

4. Existing Exterior Veranda Porch and Sleeping Porch Ceilings:
   a. Coat 1: Paint 2. 1.6 mils DFT
   b. Coat 2: Paint 2. 1.6 mils DFT
   c. Total DFT: 3.2 mils.

5. New First Floor Veranda Front Porch Decking:
   a. Coat 1: Paint 4. 1.5 - 2.0 mils DFT
   b. Coat 2: Paint 4. 1.5 - 2.0 mils DFT

6. Existing Second Floor Sleeping Porch Wood Flooring:
   a. Coat 1: Paint 4. 1.5 - 2.0 mils DFT
   b. Coat 2: Paint 4. 1.5 - 2.0 mils DFT

7. New Wood Trim Work:
   a. Coat 1: Oil-Base Primer. 2.3 mils DFT
   b. Coat 2: Paint 1. 1.6 mils DFT
   c. Coat 3: Paint 1. 1.6 mils DFT
   d. Total DFT: 5.5 mils.

8. Existing Wood Trim Work Where Raw Wood is Exposed:
   a. Coat 1: Oil-Base Primer. 2.3 mils DFT
   b. Coat 2: Paint 1. 1.6 mils DFT
   c. Coat 3: Paint 1. 1.6 mils DFT
   d. Total DFT: 5.5 mils.

9. New Wood Doors:
   a. Coat 1: Primer by Door Manufacturer. See Wood Doors – Sections 08200.
   b. Coat 2: Paint 3. 1.6 mils DFT
   c. Coat 3: Paint 3. 1.6 mils DFT
   d. Total DFT: 3.2 mils.

10. New Replacement Windows:
    a. Coat 1: Primer by Replacement Window Manufacturer. See Replacement Windows – Sections 08300.
    b. Coat 2: Paint 1. 1.6 mils DFT
    c. Coat 3: Paint 1. 1.6 mils DFT
    d. Total DFT: 3.2 mils.

11. New Screen Doors and Window Screens: Priming and Painting by Screen Door and Window Screen Manufacturer. Refer to Screen Doors and Window Screens – Section 08400.

C. Wood Interior:

. 1. Existing Wood Trim, Windows, Doors and Door Hinges:
    a. Coat 1: Paint 3. 1.6 mils
    b. Coat 2: Paint 3. 1.6 mils
    c. Total DFT: 3.2 mils.

2. Existing Wood Trim Work Where Raw Wood is Exposed:
    a. Coat 1: Latex Primer, 1.5 mils DFT
    b. Coat 2: Paint 3. 1.6 mils DFT
    c. Coat 3: Paint 3. 1.6 mils DFT
    d. Total DFT: 4.7 mils.

3. New Wood Trim:
    a. Coat 1: Latex Primer, 1.5 mils DFT
    b. Coat 2: Paint 3. 1.6 mils DFT
    c. Coat 3: Paint 3. 1.6 mils DFT
    d. Total DFT: 4.7 mils.

4. Existing Walls Wood Board:
    a. Coat 1: Paint 5. 1.6 mils DFT
    b. Coat 2: Paint 5. 1.6 mils DFT
    c. Total DFT: 3.2 mils.

5. New First Floor Wood Floors:
    a. Coat 1: Oil-Base Primer. 2.1 mils DFT (Back Prime Only)
    b. Coat 2: Paint 4. 1.5 - 2.0 mils DFT
    c. Coat 3: Paint 4. 1.5 - 2.0 mils DFT

6. Existing Second Wood Floors:
    a. Coat 1: Paint 4. 1.5 - 2.0 mils DFT
    b. Coat 2: Paint 4. 1.5 - 2.0 mils DFT

7. Existing Ceilings Wood Board:
    a. Coat 1: Paint 6. 1.6 mils DFT
    b. Coat 2: Paint 6. 1.6 mils DFT
    c. Total DFT: 3.2 mils.

8. New Doors and Door Hinges:
    a. Coat 1: Primer by Door Manufacturer. See Wood Doors – Sections 08200.
    b. Coat 2: Paint 3. 1.6 mils DFT
    c. Coat 3: Paint 3. 1.6 mils DFT
    d. Total DFT: 3.2 mils.

9. New Replacement Windows:
    a. Coat 1: Primer by Replacement Window Manufacturer. See Replacement Windows – Sections 08300.
    b. Coat 2: Paint 3. 1.6 mils DFT
    c. Coat 3: Paint 3. 1.6 mils DFT
    d. Field Total DFT: 3.2 mils.

F. Metal Interior:

1. Existing Mechanical, Electrical and Fire Sprinkler Components:
   a. Coat 1: Paint 5. 1.6 mils DFT.
   b. Coat 2: Paint 5. 1.6 mils DFT

2. New Mechanical, Electrical and Fire Sprinkler Components:
   a. Coat 1: Latex Primer, 1.5 mils DFT
   b. Coat 2: Paint 5. 1.6 mils DFT
   c. Coat 3: Paint 5. 1.6 mils DFT
   d. Total DFT: 4.7 mils.

G. Plaster Interior New:

See installed Cement Plaster manufacturer's data information for required curing time prior to Primer application. Refer to Cement Plaster – Section 09220.

   a. Coat 1 Cement Plaster: Primer. 2.1-3.2 DFT
   b. Coat 1 Wood Grounds: Latex Primer. Latex Primer. 1.5 mils DFT
   b. Coat 2: Paint 7 (Including Wood Grounds). 1.6 mils DFT
   c. Coat 3: Paint 7 (Including Wood Grounds). 1.6 mils DFT

3.12 ADJUSTING AND CLEANING

A. Cleaning:
   1. Remove paint and coating spillage and dropping on Home elements immediately.
   2. Do not use tools or cleaners which will mar finish of items being cleaned.

B. Correction of Damaged Work:
   1. Repair abraded or damaged paint surfaces.
   2. Spot repairs are to be well blended into adjacent work. For large repairs, recoat entire plane or Home element in which damaged area occurs.

3.13 PROTECTION AFTER COMPLETION OF WORK

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Includes:

1. Window Curtains, Brackets and Rods.

2. Door Window Roller Shades.

B. Related Work: Painting – Section 09900.

1.03 SUBSTITUTIONS

Only written approval of the Architect by Addenda, Architect's Supplementary Instructions or Change Order will permit substitutions for products specified. Refer to Section 01600 - Product Options and Substitutions for procedure.

PART 2 – PRODUCTS

2.01 LACE CURTAIN WINDOW FABRIC

Product: Brick House Fabrics, Nottingham Lace, Lomand White Ivory.

2.02 CURTAIN AND ROLLER SHADE FABRIC

Manufacturer and Product: Hotgoden, Unbleached Cotton Muslin.

2.03 CURTAIN ROD BRACKETS OUTSIDE MOUNT

A. Manufacturer and Product: Killian Hardware, 2” Clearance Bracket for Solid Curtain Rod, SKU: 702.063.

B. Finish: Spray paint. Color: White.

2.04 CURTAIN ROD

A. Manufacturer and Product: Killian Hardware, 3/8 inch diameter solid brass.

B. Finish: Spray paint. Color: White.

2.05 ROLLER SHADE BRACKET

A. Manufacturer and Product: Friedland Shades, Outside Roller Shade Bracket Model #55P-1PR.

B. Finish: Spray paint. Color: White.

2.05 ROLLER SHADE

Custom Roller Shade with Shade Fabric. Fabricator Installer: BJ’s Window Covering, Broken Arrow, Oklahoma.

PART 3 – EXECUTION

3.01 CURTAIN SCHEDULE

LOCATION	CURTAIN QUANTITY	FABRIC TYPE
Parlor Room 103 Room 103 Windows	2	Lace
First Floor Front Bedroom Room 104 Windows	2	Lace
First Floor Kitchen Room 105 Windows	2	Cotton Muslin
First Floor Dining Room Room 106 Windows	2	Lace
First Floor Bedroom Room 107 Window	1	Lace
Second Floor West Bedroom Room 211 South Windows	2	Lace
Second Floor East Bedroom Room 212 South Windows	2	Lace
Second Floor West Bedroom Room 211 North Window	1	Lace
Second Floor East Bedroom Room 212 North Window	1	Lace

3.02 ROLLER SHADE SCHEDULE

LOCATION	SHADE QUANTITY
Kitchen Room 105 Exterior Door Window	1
Dining Room 106 Exterior Door Window	1
Bedroom Room 107 Exterior Door Window	1
Stair Landing Room 209 Exterior Door Window	1

3.03 WINDOW CURTAIN CONFIGURATION

Top rod slide with center part. Bottom of curtain to be 6” below window sill.

3.04 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

Work Includes: Second Floor Sleeping Porch Roll-Up Shades.

1.03 SUBSTITUTIONS

Only written approval of the Architect by Addenda, Architect's Supplementary Instructions or Change Order will permit substitutions for products specified. Refer to Section 01600 - Product Options and Substitutions for procedure.

PART 2 – PRODUCTS

2.01 SHADE FABRIC

A. Sunbrella, Beaufort Forest Green Natural 6 Bar 4806-0000.

B. Height: 5'-6". Field Verify.

C. Widths:

Sleeping Porch East and West Shades – One shade.

Sleeping Porch South Shades – Three shades.

Roll-Up Shade Fabric

Photo of Historic Roll-Up Shades

2.02 GROMMETS

Manufacturer and Product: Tandy Leather Grommet, Antique Brass Plate. SKU: 1285-34.

2.03 ROLL-UP SHADE CONFIGURATION OPERATION

Stacked roll-Up with chord pulley assembly. Provide complete with hanging brackets, pulleys, chords, grommets and tie-off brackets.

PART 3 – EXECUTION

3.01 APPROVED SHADE FABRICATOR INSTALLER

BJ’s Window Covering, Broken Arrow, Oklahoma.

3.02 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

Work Includes: Fire Extinguishers.

1.03 SUBSTITUTIONS

For substitutions of specified products refer to Section 01600 - Product Options and Substitutions.

1.04 DELIVERY, STORAGE AND HANDLING

Deliver, store and handle products in accordance with products manufacturer’s written instructions and recommendations.

PART 2 – PRODUCTS

2.01 FIRE EXTINGUISHER

Fire Extinguisher Type 1: Amerex Model B456,10# 2A-10B:C light hazard.

PART 3 - EXECUTION

3.01 FIRE EXTINGUISHER SCHEDULE

First FloorHome	One Type 1 Fire Extinguisher
Second Floor Home	One Type 1 Fire Extinguisher

3.02 INSTALLATION

A. Install fire extinguishers in accordance with manufacturer’s instructions and recommendations.

B. Securely mount wall mounted fire extinguisher brackets in place.

C. Extinguishers shall be tagged by a licensed serviceman and be ready for use.

3.02 MOUNTING HIEGHT

Fire extinguisher handles shall be +48" maximum above the finish floor.

3.03 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A, Work Includes: Porch Bench Swings.

B. Related Work: Rough Carpentry – Section 06100.

1.03 SUBSTITUTIONS

Only written approval of the Architect by Addenda, Architect's Supplementary Instructions or Change Order will permit substitutions for products specified. Refer to Section 01600 - Product Options and Substitutions for procedure.

PART 2 – PRODUCTS

2.01 PORCH BENCH SWING

Manufacturer and Product: Lark Manor, Arbnora 2 Person Porch Swing. Color: Black/

2.02 BENCH SWING HANGING BRACKETS

Manufacturer and Product: Porch Swing Company. Barn-Shed-Play 2 Hole Heavy Duty Aluminum Swing Hanger.

PART 3 – EXECUTION

3.01 SUPPORT FRAMING

Provide additional wood support framing in Porch ceiling to support the Porch Bench Swings.

3.02 PORCH SWING BENCH INSTALLATION

Install Porch Bench Swings in accordance with product manufacturers instructions and recommendations.

3.03 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

Work Includes: Control Stanchions.

1.03 SUBSTITUTIONS

Only written approval of the Architect by Addenda, Architect's Supplementary Instructions or Change Order will permit substitutions for products specified. Refer to Section 01600 - Product Options and Substitutions for procedure.

PART 2 – PRODUCTS

2.01 CONTROL STANCHION

Manufacturer and Product: Crowd Control Warehouse, Retractable Belt Barrier Stanchion CCW Series RBB-100 Cast Iron.

Post Color: Black.

Belt Color: Maroon

Belt Length: 7.5 Feet

PART 3 – EXECUTION

3.01 CONTROL STANCHION SCHEDULE

LOCATION	STANCHION POSITION	NUMBER OF STANCHION POSTS REQUIRED
First Floor Parlor Room 103 East Door Opening	Inside Parlor Door Opening	3
First Floor Parlor Room 103 North Door Opening	Inside Parlor Door Opening	3

First Floor Front Bedroom Room 104	Inside Front Bedroom Door Opening	2
First Floor Kitchen Room 105	East West Alignment Full Width of Room	4
First Floor Dining Room 106	East West Alignment Full Width of Room	7
First Floor Bedroom Room 107 Door Opening	Inside Spare Bedroom Door Opening	3
Second Floor West Bedroom Room 211 Door Opening	Inside West Bedroom Door Opening	3
Second Floor East Bedroom Room 212 Door Opening	Inside East Bedroom Door Opening	3

3.02 PROTECTION

Protect the installed work.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED REQUIREMENTS

Division 1 General Requirements applies to this Section.

1.02 SUMMARY OF THIS SECTION

A. Work Included:
1. Mechanical.
2. Electrical.
3. Fire Sprinkler System.

B. Related Work:
1. Joint Sealers - Section 07900.
2. Painting – Section 09900.

1.03 PROTECTION OF EXISTNG HISTORIC HOME

The Will Rogers home is listed on the National Register of Historic Places. The home is a significant and vital asset of the Cherokee Nation and in a broader sense is a United States national treasure. All effort and energy is to be exerted to protect the home from damage and impact by the restoration construction activities and weather during the duration of the Work. Provide temporary barricades, coverings and protection.

1.04 APPLICABLE RESTORATION GUIDELINES DOCUMENT

Comply with Secretary of the Interior’s Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings, U.S. Department of Interior, Pages 122-163, latest edition.

1.05 INSTALLATION INTENT OF ELECTRICAL, MECHANICAL AND FIRE SPRINLKER SYSTEMS

The installation intent is for the finished mechanical, electrical and fire sprinkler work to be at least visible as possible and the appearance of the Home to represent as closely as possible what the Home looked like in the 1880’s.

1.06 GUARANTEES

See Guarantees and Warranties – Section 01800.

PART 2 – PRODUCTS

2.01 FIRE SPRINKLER HEADS

A. Will Rogers Home: Concealed fire sprinkler heads.

B. Barn: Standard sprinkler heads.

PART 3 – EXECUTION

3.01 NEW ELECTRICAL WORK INSIDE HISTORIC HOME

All new electrical distribution is to be run in ceiling, attic space and crawl space concealed. In the event electrical conduct is required to be run exposed notify the Architect before proceeding with installation.

3.02 FIRE SPRINKLER SYSTEM WORK PRIORITIY SCHEDULE

In an effort to protect the existing Home asset the fire sprinkler work is to be done as soon as possible after contract award and Work commencement.

3.03 NEW FIRE SPRINKLER WORK INSIDE HISTORIC HOME

A. Existing Fire Sprinkler System: Remove all portions of existing exposed to view fire sprinkler system.

B. New Fire Sprinkler System: All piping is to be run in ceiling and attic space concealed. In the event the fire sprinkler piping is required to be run exposed notify the Architect before proceeding with installation.

END OF SECTION