Statement of Special Inspections

Project: *Camp Nelson National Monument Fee Memorial Church*

Location: *Nicholasville, Kentucky*

Owner: *National Park Service*

Design Professional in Responsible Charge: *Phillip M. Holthaus, P.E., S.E.*

This *Statement of Special Inspections* is submitted as a condition for permit issuance in accordance with the Special Inspection and Structural Testing requirements of the Building Code. It includes a schedule of Special Inspection services applicable to this project as well as the name of the Special Inspection Coordinator and the identity of other approved agencies to be retained for conducting these inspections and tests. This *Statement of Special Inspections* encompass the following disciplines:

☒ Structural ☐ Mechanical/Electrical/Plumbing
☐ Architectural ☐ Other: _____

The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge. Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official and the Registered Design Professional in Responsible Charge.

A *Final Report of Special Inspections* documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy.

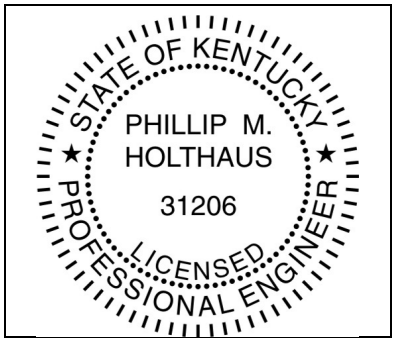
Job site safety and means and methods of construction are solely the responsibility of the Contractor.

Interim Report Frequency: *Weekly* or ☐ per attached schedule.

Prepared by:

Phillip M. Holthaus, P.E., S.E.
(type or print name)

Signature 06/28/2024 Date



Owner's Authorization:

Signature Date

Building Official's Acceptance:

Signature Date

Schedule of Inspection and Testing Agencies

This Statement of Special Inspections / Quality Assurance Plan includes the following building systems:

- ☒ Soils and Foundations
- ☒ Cast-in-Place Concrete
- ☐ Precast Concrete
- ☐ Masonry
- ☐ Structural Steel
- ☐ Cold-Formed Steel Framing
- ☒ Cast-In-Place Deep Foundations
- ☐ Wood Construction
- ☐ Exterior Insulation and Finish System
- ☐ Mechanical & Electrical Systems
- ☐ Architectural Systems
- ☐ Special Cases

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. **Special Inspection Coordinator**	*To Be Determined*	
2. Inspector	*To Be Determined*	
3. Inspector	*To Be Determined*	
4. Testing Agency	*To Be Determined*	
5. Testing Agency	*To Be Determined*	
6. Other	*To Be Determined*	

Note: The inspectors and testing agencies shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

Quality Assurance Plan

Quality Assurance for Seismic Resistance

Seismic Design Category	*B*
Quality Assurance Plan Required (Y/N)	*Y*

Description of seismic force resisting system and designated seismic systems:

Light Frame Wood Walls with Structural Wood Shear Panels

Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component of the seismic force resisting system must submit a Statement of Responsibility prior to the commencement of work. The contractor's statement of responsibility shall contain the following:

1. Acknowledgment of awareness of the special requirements contained in the statement of special inspections.
2. Acknowledgement that control will be exercised to obtain conformance with the construction documents approved by the building official.
3. Procedures for exercising control with the contractor's organization, the method and frequency of reporting and the distribution of the reports.
4. Identification and qualifications of the person(s) exercising such control and their position(s) in the organization.

Qualifications of Inspectors and Testing Technicians

The qualifications of all personnel performing Special Inspection and testing activities are subject to the approval of the Building Official. The credentials of all Inspectors and testing technicians shall be provided if requested.

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge deems it appropriate that the individual performing a stipulated test or inspection have a specific certification or license as indicated below, such designation shall appear below the *Agency Number* on the Schedule.

PE/SE	Structural Engineer – a licensed SE or PE specializing in the design of building structures
PE/GE	Geotechnical Engineer – a licensed PE specializing in soil mechanics and foundations
EIT	Engineer-In-Training – a graduate engineer who has passed the Fundamentals of Engineering examination

American Concrete Institute (ACI) Certification

ACI-CFTT	Concrete Field Testing Technician – Grade 1
ACI-CCI	Concrete Construction Inspector
ACI-LTT	Laboratory Testing Technician – Grade 1&2
ACI-STT	Strength Testing Technician

American Welding Society (AWS) Certification

AWS-CWI	Certified Welding Inspector
AWS/AISC-SSI	Certified Structural Steel Inspector

American Society of Non-Destructive Testing (ASNT) Certification

ASNT	Non-Destructive Testing Technician – Level II or III.

International Code Council (ICC) Certification

ICC-SMSI	Structural Masonry Special Inspector
ICC-SWSI	Structural Steel and Welding Special Inspector
ICC-SFSI	Spray-Applied Fireproofing Special Inspector
ICC-PCSI	Prestressed Concrete Special Inspector
ICC-RCSI	Reinforced Concrete Special Inspector

National Institute for Certification in Engineering Technologies (NICET)

NICET-CT	Concrete Technician – Levels I, II, III & IV
NICET-ST	Soils Technician - Levels I, II, III & IV
NICET-GET	Geotechnical Engineering Technician - Levels I, II, III & IV

Soils and Foundations

Item	Agency # (Qualif.)	Scope
1. Soils	*PE/GE*	*Periodically verify that soils below footings for adequate bearing capacity and consistency with geotechnical report.* *Periodically verify that excavations are extended to proper depth and have reached proper material.* *Periodically perform classification and testing of controlled fill materials.* *Continuously verify the use of proper materials, densities and lift thicknesses during placement and compaction of controlled fill.* *Prior to placement of controlled fill, periodically observe the subgrade and verify that the site has been prepared properly.*

Cast-in-Place Concrete

Item	Agency # (Qualif.)	Scope
1. Mix Design	*ACI-CCI ICC-RCSI*	*Periodically review concrete batch tickets and verify compliance with approved mix design. Verify that water added at the site does not exceed that allowed by the mix design.*
2. Material Certification	*ACI-CCI ICC-RCSI*	*Review material test reports and/or certificates.*
3. Reinforcement Installation	*ACI-CCI ICC-RCSI*	*Periodically inspect size, spacing, cover, positioning and grade of reinforcing steel. Verify that reinforcing bars are free of form oil or other deleterious materials. Inspect bar laps and mechanical splices. Verify that bars are adequately tied and supported on chairs or bolsters.*
4. Curing and Protection	*ACI-CCI ICC-RCSI*	*Periodically inspect the curing, cold weather protection and hot weather protection procedures.*
5. Anchor Rods	*ACI-CCI ICC-RCSI*	*Continuously inspect the size, positioning and embedment of the anchor rods . Inspect concrete placement and consolidation around anchors.*
6. Formwork	*ACI-CCI ICC-RCSI*	*Periodically inspect the formwork for shape, location and dimensions of the concrete member being formed.*
7. Concrete Placement	*ACI-CCI ICC-RCSI*	*Continuously inspect placement of concrete. Verify that concrete conveyance and depositing avoids segregation or contamination. Verify that concrete is properly consolidated.*
8. Testing of Concrete	*ACI-CFTT ACI-STT*	*Continuously test concrete compressive strength (ASTM C31 & C39), slump (ASTM C143), air-content (ASTM C231 or C173) and temperature (ASTM C1064).*

Collect concrete samples and verify strength for 7 day, 2 @ 28 day, and 1 spare for each concrete placement over 10 c.y.

Verify flatness of all interior slabs on grade.

Refer to IBC 2015 table 1705.3

Cast-In-Place Deep Foundations

Item	Agency # (Qualif.)	Scope
1. Drilling & Placement	*PE/GE*	*Continuously inspect drilling operations and maintain complete and accurate records for each element.* *Continuously verify placement locations and plumbness, confirm element diameters, lengths, embedment into bedrock and adequate end-bearing strata capacity. Record concrete volumes.* *Perform tests and additional special inspections in accordance with typical Cast-In-Place Concrete requirements.*