

0123456789

A
three inchesone foot

B
one and one-half inchesone foot

C
one inchesone foot

D
three-quarters inchesone foot

E
one-half inchesone foot

F
three-eighths inchesone foot

one-quarter inchesone foot

one-eighth inchesone foot

STATEMENT OF SPECIAL INSPECTIONS

PROJECT: RENOVATE AND EXPAND PATIENT SUPPORT SERVICES
LOCATION: IOWA CITY, IOWA
OWNER: VETERANS ADMINISTRATION
DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE: MATTHEW METTEMEYER, P.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 ENCOMPASSES 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:

DESIGN PROFESSIONAL SEAL

(TYPE OR PRINT NAME)

SIGNATURE DATE

OWNER'S AUTHORIZATION: BUILDING OFFICIAL'S ACCEPTANCE:

SIGNATURE DATE SIGNATURE DATE

SCHEDULE OF INSPECTION AND TESTING AGENCIES

THIS STATEMENT OF SPECIAL INSPECTIONS / QUALITY ASSURANCE PLAN INCLUDES THE FOLLOWING BUILDING SYSTEMS:
☒ SOILS AND FOUNDATIONS ☐ SPRAY FIRE RESISTANT MATERIAL
☒ CAST-IN-PLACE CONCRETE ☐ WOOD CONSTRUCTION
☐ PRECAST CONCRETE ☐ EXTERIOR INSULATION AND FINISH SYSTEM
☒ MASONRY ☐ MECHANICAL & ELECTRICAL SYSTEMS
☐ STRUCTURAL STEEL ☐ ARCHITECTURAL SYSTEMS
☐ COLD-FORMED STEEL FRAMING ☐ 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	

GENERAL NOTES:
1. THE INSPECTORS AND TESTING AGENCIES SHALL BE ENGAGED BY THE OWNER OR THE OWNER — AGENT, AND NOT BY THE CONTRACTOR OF 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

1. QUALITY ASSURANCE FOR SEISMIC RESISTANCE:
1.1. SEISMIC DESIGN CATEGORY: B
1.2. QUALITY ASSURANCE PLAN REQUIRED (Y/N): N
1.3. DESCRIPTION OF SEISMIC FORCE RESISTING SYSTEM AND DESIGNATED SEISMIC SYSTEMS:
CONCRETE MOMENT RESISTING FRAMES
2. QUALITY ASSURANCE FOR WIND REQUIREMENTS:
2.1. BASIC WIND SPEED (3 SECOND GUST) = 90 MPH
2.2. WIND EXPOSURE CATEGORY: B
2.3. QUALITY ASSURANCE PLAN REQUIRED (Y/N): N
2.4. DESCRIPTION OF MAIN WIND FORCE RESISTING SYSTEM (MWFRS) AND DESIGNATED WIND RESISTING COMPONENTS:
CONCRETE MOMENT RESISTING FRAMES
3. STATEMENT OF RESPONSIBILITY:
3.1. NONE REQUIRED.

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
ET 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-CM CERTIFIED WELDING INSPECTOR
AWS/ASCS-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-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

FABRICATOR'S CERTIFICATE OF COMPLIANCE

EACH APPROVED FABRICATOR THAT IS EXEMPT FROM SPECIAL INSPECTION OF SHOP FABRICATION AND IMPLEMENTATION PROCEDURES PER SECTION 1704.2 OF THE INTERNATIONAL BUILDING CODE MUST SUBMIT A FABRICATOR'S CERTIFICATE OF COMPLIANCE AT THE COMPLETION OF FABRICATION.
THE FOLLOWING SHALL BE INCLUDED:
• PROJECT
• FABRICATOR'S NAME
• ADDRESS
• CERTIFICATION OR APPROVAL AGENCY
• CERTIFICATION NUMBER
• DATE OF LAST AUDIT OR APPROVAL
• DESCRIPTION OF STRUCTURAL MEMBERS AND ASSEMBLIES THAT HAVE BEEN FABRICATED
• SIGNED AND DATED AFFIDAVIT STATEMENT: "I HEREBY CERTIFY THAT ITEMS DESCRIBED ABOVE WERE FABRICATED IN STRICT ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS".
• TITLE OF SIGNED PARTY
• ATTACH COPIES OF FABRICATOR'S CERTIFICATION OR BUILDING CODE EVALUATION SERVICE REPORT AND FABRICATOR'S QUALITY CONTROL MANUAL.

CONTRACTOR'S RESPONSIBILITY REGARDING INSPECTIONS

1. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION MEETING (SCHEDULED AT LEAST 5 BUSINESS DAYS BEFORE START OF CONSTRUCTION). MEETING SHOULD INCLUDE ALL RESPONSIBLE PARTIES (A/E, S'S, FIELD INSPECTOR). MEETING IS FOR ENTIRE, NOT PHASE OF WORK.
2. PRE-CONSTRUCTION MEETING IS TO BE CONDUCTED BY THE CONTRACTOR WITH MEETING MINUTES TO BE TAKEN BY THE A/E TEAM AND DISTRIBUTED TO ALL MEMBERS ATTENDING. MEETING MINUTES TO INCLUDE A SIGN-IN SHEET FOR ALL PARTIES.
3. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING INSPECTIONS AND TESTS. SUFFICIENT NOTICE AND LEAD TIME MUST BE ALLOWED FOR THE INSPECTION AND TESTING TO BE PERFORMED WITHOUT IMPEDING CONSTRUCTION OPERATIONS.
4. THE CONTRACTOR MUST COOPERATE WITH THE INSPECTION AND TESTING AGENCIES. SAFE ACCESS MUST BE PROVIDED TO ALLOW INSPECTION AND TEST TO BE PERFORMED. THIS MAY REQUIRE THE CONTRACTOR TO PROVIDE SCAFFOLDING, LADDERS OR LIFTS.
5. WHEN DEFICIENCIES ARE IDENTIFIED, THE CONTRACTOR MUST TAKE CORRECTIVE ACTIONS TO COMPLY WITH THE CONTRACT DOCUMENTS OR REMEDY THE DEFICIENCIES AS DIRECTED BY THE REGISTERED DESIGN PROFESSIONAL.
6. THE SPECIAL INSPECTION AND QUALITY ASSURANCE PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITY TO PERFORM QUALITY CONTROL.
7. THE CONTRACTOR IS RESPONSIBLE FOR TESTING SERVICES THAT ARE REQUIRED FOR MATERIAL SUBMITTALS AND THAT ARE NOT PART OF THE SPECIAL INSPECTION PROGRAM (E.G. AGGREGATE TESTS, CONCRETE MIX DESIGNS, TESTING OF CONTROLLED FILL MATERIALS, ETC.).

SOILS AND FOUNDATIONS

ITEM	AGENCY # (QUALIF.)	SCOPE	FREQUENCY
DEEP FOUNDATIONS	PE/GE	OBSERVE DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.	CONTINUOUS
DEEP FOUNDATIONS	PE/GE	INSPECT INSTALLATION OF DRILLED PIER FOUNDATIONS. VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM PIER DIAMETER, LENGTHS, EMBEDMENT INTO BEDROCK AND SUITABILITY OF END BEARING STRATA. RECORD CONCRETE VOLUMES.	CONTINUOUS

CAST-IN-PLACE CONCRETE

ITEM	AGENCY # (QUALIF.)	SCOPE	FREQUENCY
MIX DESIGN	ACI-CCI ICC-RCSI	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.	PERIODIC
REINFORCEMENT INSTALLATION	ACC-CCI ICC-RCSI	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.	PERIODIC
CONCRETE PLACEMENT	ACC-CCI ICC-RCSI	INSPECT PLACEMENT OF CONCRETE. VERIFY THAT CONCRETE CONVEYANCE AND DEPOSITING AVOIDS SEGREGATION OR CONTAMINATION. VERIFY THAT CONCRETE IS PROPERLY CONSOLIDATED.	CONTINUOUS AT TIME OF TESTING
SAMPLING AND TESTING OF CONCRETE	ACI-CFTT ACI-STT	TEST CONCRETE COMPRESSIVE STRENGTH (ASTM C31 & C39), SLUMP (ASTM C143), AIR-CONTENT (ASTM C231 OR C173) AND TEMPERATURE (ASTM C1064).	PERIODIC
CURING AND PROTECTION	ACC-CCI ICC-RCSI	INSPECT CURING, COLD WEATHER PROTECTION AND HOT WEATHER PROTECTION PROCEDURES.	PERIODIC

MASONRY

ITEM	AGENCY # (QUALIF.)	SCOPE	FREQUENCY
MIXING OF MORTAR AND GROUT	ICC-SMSI	INSPECT PROPORTIONING, MIXING AND RETEMPERING OF MORTAR AND GROUT.	PERIODIC
INSTALLATION OF MASONRY	ICC-SMSI	INSPECT SIZE, LAYOUT, BONDING AND PLACEMENT OF MASONRY UNITS.	PERIODIC
MORTAR JOINTS	ICC-SMSI	INSPECT CONSTRUCTION OF MORTAR JOINTS INCLUDING TOOLING AND FILLING OF HEAD JOINTS.	PERIODIC
REINFORCEMENT INSTALLATION	ICC-SMSI AWS-CM	INSPECT PLACEMENT, POSITIONING AND LAPPING OF REINFORCING STEEL. INSPECT WELDING OF REINFORCING STEEL.	PERIODIC
GROUTING OPERATIONS	ICC-SMSI	INSPECT PLACEMENT AND CONSOLIDATION OF GROUT. INSPECT MASONRY CLEAN-OUTS FOR HIGH-LIFT GROUTING.	PERIODIC
WEATHER PROTECTION	ICC-SMSI	INSPECT COLD WEATHER PROTECTION AND HOT WEATHER PROTECTION PROCEDURES. VERIFY THAT WALL CAVITIES ARE PROTECTED AGAINST PRECIPITATION.	PERIODIC
EVALUATION OF MASONRY STRENGTH	ICC-SMSI	TEST COMPRESSIVE STRENGTH OF MORTAR AND GROUT CUBE SAMPLES (ASTM C780). TEST COMPRESSIVE STRENGTH OF MASONRY PRISMS (ASTM C1314).	PERIODIC
ANCHORS AND TIES	ICC-SMSI	INSPECT SIZE, LOCATION, SPACING AND EMBEDMENT OF DOWELS, ANCHORS AND TIES.	PERIODIC

KEY PLAN

NOT TO SCALE

BLDG. 2

2-1

12-17-2012 CONSTRUCTION DOCUMENTS
Project No. DVA#636-311
S-H#110240-0
DRAWING NO. 2-G1
Dwg. 1 Of 1

SHIVE-HATTERY ARCHITECTURE+ENGINEERING
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Drawing Title
STATEMENT OF SPECIAL INSPECTIONS
Approved: Division Chief
Approved: Service Director

Project Title
RENOVATE AND EXPAND SPACE FOR PATIENT SUPPORT AREAS
Building Number 2
Checked MM
Drawn MM
Location
IOWA CITY VA HEALTH CARE SYSTEM
IOWA CITY, IOWA

Veterans Administration

Revisions

Date