



STATEMENT OF SPECIAL INSPECTIONS - STRUCTURAL

PROJECT: FAIRLEIGH DICKINSON BASEBALL
LOCATION: 285 MADISON AVE. MADISON, NJ 07940
OWNER: FAIRLEIGH DICKINSON UNIVERSITY
OWNER'S ADDRESS: MADISON, NJ
ARCHITECT OF RECORD: DERCK AND EDSON ARCHITECTS
STRUCTURAL ENGINEER OF RECORD: STAHL SHEAFFER ENGINEERING, LLC.

THIS STATEMENT OF SPECIAL INSPECTIONS IS SUBMITTED AS A CONDITION FOR PERMIT ISSUANCE IN ACCORDANCE WITH THE SPECIAL INSPECTION 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 INSPECTOR AND THE IDENTITY OF OTHER APPROVED AGENCIES INTENDED TO BE RETAINED FOR CONDUCTING THESE INSPECTIONS.

THE SPECIAL INSPECTOR SHALL KEEP RECORDS OF ALL INSPECTIONS AND SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, STRUCTURAL ENGINEER AND ARCHITECT OF RECORD. 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, STRUCTURAL ENGINEER AND ARCHITECT OF RECORD. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES.

INTERIM REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL, OWNER, STRUCTURAL ENGINEER AND ARCHITECT OF RECORD.

A FINAL REPORT OF SPECIAL INSPECTIONS DOCUMENTING COMPLETION OF ALL REQUIRED SPECIAL INSPECTIONS 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: PER ATTACHED SCHEDULE.

PREPARED BY:

Signature of Derck Edson, dated 03-05-2020.

OWNER'S AUTHORIZATION: BUILDING OFFICIAL'S ACCEPTANCE.

Signature and Date lines for both parties.

SCHEDULE OF STRUCTURAL SPECIAL INSPECTION SERVICES

THE FOLLOWING SHEETS COMPREHEND THE REQUIRED SCHEDULE OF STRUCTURAL SPECIAL INSPECTIONS FOR THIS PROJECT. THE CONSTRUCTION DIVISIONS WHICH REQUIRE SPECIAL INSPECTIONS FOR THIS PROJECT ARE AS INDICATED. SEE SPECIFIC DIVISIONS FOR FURTHER CLARIFICATION:

- SOILS AND FOUNDATIONS
CAST-IN-PLACE CONCRET
STRUCTURAL STEEL
WOOD CONSTRUCTION
MASONRY

Table with 4 columns: AGENT NO., INSPECTION AGENTS, FIRM, ADDRESS. Lists inspection agents like Special Inspector, Structural Engineer, Architect, etc.

NOTE: THE INSPECTION AND TESTING AGENT 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.

SEISMIC DESIGN CATEGORY: B
BASIC WIND SPEED: 115 MPH
EXPOSURE CATEGORY: B

QUALIFICATIONS OF INSPECTORS AND TESTING TECHNICIANS

THE QUALIFICATIONS OF ALL PERSONNEL PERFORMING SPECIAL INSPECTION ACTIVITIES ARE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL. THE CREDENTIALS OF ALL INSPECTORS AND TESTING TECHNICIANS SHALL BE PROVIDED IF REQUESTED.

IT IS RECOMMENDED THAT THE PERSON ADMINISTERING THE SPECIAL INSPECTIONS PROGRAM BE A STRUCTURAL ENGINEER OR A PROFESSIONAL ENGINEER EXPERIENCED IN THE DESIGN OF BUILDINGS.

KEY FOR MINIMUM QUALIFICATIONS OF INSPECTION AGENTS:

WHEN THE STRUCTURAL ENGINEER OF RECORD 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 AGENT NUMBER ON THE SCHEDULE OF SPECIAL INSPECTIONS.

- SE: STRUCTURAL ENGINEER - A LICENSED SE OR PE SPECIALIZING IN THE DESIGN OF BUILDING STRUCTURES. THIS MAY BE REQUIRED FOR THE INSPECTION OF CRITICAL STRUCTURAL ELEMENTS.
GE: GEOTECHNICAL ENGINEER - A LICENSED PE SPECIALIZING IN SOIL MECHANICS AND FOUNDATIONS. THIS MAY BE REQUIRED FOR THE INSPECTION OF DIFFICULT SOIL CONDITIONS OR DEEP FOUNDATIONS.
EIT: ENGINEER-IN-TRAINING - A GRADUATE ENGINEER WHO HAS PASSED THE FUNDAMENTALS OF ENGINEERING EXAMINATION. THIS MAY BE REQUIRED FOR THE INSPECTION OF ELEMENTS THAT REQUIRE SOME ENGINEERING TRAINING TO PROPERLY EVALUATE.
ACI: AMERICAN CONCRETE INSTITUTE - LEVEL I CERTIFIED CONCRETE FIELD TESTING TECHNICIAN. THIS CERTIFICATION IS APPROPRIATE FOR INDIVIDUALS PERFORMING CONCRETE SAMPLING, SLUMP TESTS, AIR CONTENT TESTS, TEMPERATURE TESTS, UNIT WEIGHT TESTS, AND CASTING COMPRESSION TEST CYLINDERS.
AWS: AMERICAN WELDING SOCIETY - CERTIFIED WELDING INSPECTOR (CWI). THIS CERTIFICATION IS APPROPRIATE FOR INDIVIDUALS PERFORMING VISUAL INSPECTION OF WELDS.
ASNT: AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING - LEVEL II OR III. THIS CERTIFICATION IS APPROPRIATE FOR INDIVIDUALS PERFORMING ULTRA-SONIC TESTING OF WELDS.
SMSI: STRUCTURAL MASONRY SPECIAL INSPECTOR - CERTIFICATION BY ICBO.
SWSI: STRUCTURAL STEEL AND WELDING SPECIAL INSPECTOR - CERTIFICATION BY ICBO.
SFSI: SPRAY-APPLIED FIREPROOFING SPECIAL INSPECTOR - CERTIFICATION BY ICBO.
PCSI: PRESTRESSED CONCRETE SPECIAL INSPECTOR - CERTIFICATION JOINTLY SPONSORED BY ICBO, BOCA AND SBCCI WITH PARTICIPATION FORM PCI AND PTI.
RCSI: REINFORCED CONCRETE SPECIAL INSPECTOR - CERTIFICATION JOINTLY SPONSORED BY ACI, ICBO, BOCA AND SBCCI.

SOILS AND FOUNDATIONS - SCHEDULE OF SPECIAL INSPECTION SERVICES - SPECIAL INSPECTIONS ARE REQUIRED FOR VERIFICATION OF SOILS EXCEPT AS INDICATED IN "VII. SOILS AND FOUNDATIONS"

Table with 3 columns: ITEM, AGENT NO QUALIFICATIONS, SCOPE. Lists items like 1 SHALLOW FOUNDATIONS, 2 CONTROLLED STRUCTURAL FILL INSPECTIONS, etc.

CAST-IN-PLACE CONCRETE - SCHEDULE OF SPECIAL INSPECTION SERVICES - SPECIAL INSPECTIONS ARE REQUIRED FOR THE FOLLOWING CONCRETE COMPONENTS:

- ISOLATED SPREAD COLUMN FOOTINGS
CONTINUOUS WALL FOOTINGS
NON-STRUCTURAL SLAB ON GRADE, DRIVEWAYS, SIDEWALKS, ETC.
TOPPING SLAB ON METAL DECK
CONCRETE WALLS INCLUDING EARTH RETAINING WALLS AND TILT-UP PANELS
STRUCTURAL CONCRETE FRAME INCLUDING COLUMNS, BEAMS, FLOOR AND ROOF SYSTEMS

Table with 3 columns: ITEM, AGENT NO QUALIFICATIONS, SCOPE. Lists items like 1 MIX DESIGN, 2 MATERIAL CERTIFICATION, 3 REINFORCEMENT INSTALLATION, etc.

PRECAST CONCRETE - SCHEDULE OF SPECIAL INSPECTION SERVICES - SPECIAL INSPECTIONS ARE REQUIRED FOR STEEL CONSTRUCTION AS INDICATED IN "VIII. PRECAST CONSTRUCTION"

Table with 3 columns: ITEM, AGENT NO QUALIFICATIONS, SCOPE. Lists items like 1 PLANT CERTIFICATION & CONTROL PROCEDURES, 2 MIX DESIGN, 3 MATERIAL CERTIFICATION, etc.

MASONRY - SCHEDULE OF SPECIAL INSPECTION SERVICES - SPECIAL INSPECTIONS ARE REQUIRED FOR THE FOLLOWING MASONRY COMPONENTS:

- EXTERIOR WALLS
EARTH RETAINING WALLS
INTERIOR LOAD-BEARING OR SHEAR WALLS
INTERIOR NON-LOAD-BEARING WALLS
BRICK VENEER

Table with 3 columns: ITEM, AGENT NO QUALIFICATIONS, SCOPE. Lists items like 1 MATERIAL CERTIFICATION, 2 MIXING OF MORTAR AND GROUT, 3 INSTALLATION OF MASONRY, etc.

STRUCTURAL STEEL - SCHEDULE OF SPECIAL INSPECTION SERVICES - SPECIAL INSPECTIONS ARE REQUIRED FOR STEEL CONSTRUCTION AS INDICATED IN "XI. STRUCTURAL STEEL"

Table with 3 columns: ITEM, AGENT NO QUALIFICATIONS, SCOPE. Lists items like 1 FABRICATION CERTIFICATION & QUALITY CONTROL PROCEDURES, 2 MATERIAL CERTIFICATION, 3 OPEN WEB STEEL JOISTS, etc.

LIGHT STEEL FRAMING - SCHEDULE OF SPECIAL INSPECTION SERVICES - SPECIAL INSPECTIONS ARE REQUIRED FOR STEEL CONSTRUCTION AS INDICATED IN "XIII. WOOD AND LIGHT STEEL FRAMING CONSTRUCTION"

Table with 3 columns: ITEM, AGENT NO QUALIFICATIONS, SCOPE. Lists items like 1 FABRICATION CERTIFICATION & QUALITY CONTROL PROCEDURES, 2 MATERIAL PROPERTIES STRENGTH, THICKNESS, ETC, 3 CONNECTIONS, etc.

WOOD CONSTRUCTION - SCHEDULE OF SPECIAL INSPECTION SERVICES - SPECIAL INSPECTIONS ARE REQUIRED FOR WOOD CONSTRUCTION AS INDICATED IN "XII. WOOD AND LIGHT STEEL FRAMING CONSTRUCTION"

Table with 3 columns: ITEM, AGENT NO QUALIFICATIONS, SCOPE. Lists items like 1 FABRICATION CERTIFICATION & QUALITY CONTROL PROCEDURES, 2 MATERIAL PROPERTIES GRADING, SIZE, SPACING, ETC, 3 CONNECTIONS, etc.

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SEP PROJECT NO. 19-42

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SPECIAL INSPECTIONS
AMENDED PRELIMINARY / FINAL SITE DEVELOPMENT PLAN
FAIRLEIGH DICKINSON ATHLETIC FIELDS
FAIRLEIGH DICKINSON UNIVERSITY
1307 B FLOCK 101 - ZONE UNIVERSITY
MADISON BOROUG, MORRIS COUNTY, NEW JERSEY

REVISIONS:

Table with 3 columns: No., DATE, DESCRIPTION OF CHANGES.

DATE: 03/05/2020
PROJECT #: 19-450
DRAWN BY: MRM
PK: MRM
PIC: JMS

DRAWING NO.

S-003