

SPECIAL INSPECTIONS NOTES:

SPECIAL INSPECTIONS SHALL BE CONDUCTED FOR THE CONSTRUCTION OF THE ALLENDALE PRIMARY SCHOOL, ALLENDALE, SC, IN ACCORDANCE WITH CHAPTER 17 OF THE 2012 IBC WITH ALL AMENDMENTS AS NOTED BY THE 2012 SOUTH CAROLINA BUILDING CODE.

SEISMIC FORCE RESISTING SYSTEM - THE LATERAL RESISTING SYSTEM OF THE BUILDING IS TO BE SPECIAL REINFORCED MASONRY SHEAR WALLS.

SCHEDULE OF SPECIAL INSPECTIONS

THE SPECIAL INSPECTIONS REQUIREMENTS SHALL BE BASED ON SECTION 1705 OF CHAPTER 17 OF THE 2012 INTERNATIONAL BUILDING CODE. IF INSPECTION IS BY "OTHER", THE INSPECTING ENTITY SHALL BE IDENTIFIED.

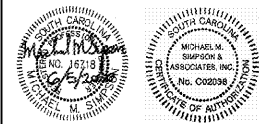
| MATERIALS   | TYPE OF INSPECTION  | SERVICE   | INSPECTION BY:   |          |                   |   |
|---|---|---|------------------|----------|-------------------|---|
|   |   |   | Architect        | Engineer | Special Inspector |   |
| Concrete  | Rebar Placement (Periodic)  | Field Inspection  |                  |          | X                 |   |
|   | Verification Use of Required Design Mix (Periodic)                                      | Review Submittal  |                  |          | X                 |   |
|   | Fresh Concrete Sample Slump, Air, Temperature (Cot)                                     | Field Testing   |                  |          | X                 |   |
|   | Concrete Placement (Cont)   | Field Review  |                  |          | X                 |   |
|   | Curing (Periodic)   | Field Review  |                  |          | X                 |   |
|   | Formwork for shape, lines, location and dimensions (Periodic)                           | Field Inspection  |                  |          | X                 |   |
|   | Evaluation of concrete strength (Periodic)  | Field testing and review of laboratory reports  |                  |          | X                 |   |
| Masonry   | Periodic Verification:  |   |                  |          |                   |   |
|   | a) Site mixed mortar & grout  | Field Insp. & Submittal Review  |                  |          | X                 |   |
|   | b) Mortar joint placement   | Field Inspection  |                  |          | X                 |   |
|   | c) Mortar joint construction  | Field Inspection  |                  |          | X                 |   |
|   | d) Rebar location   | Field Inspection  |                  |          | X                 |   |
|   | e) Rebar placement  | Field Inspection  |                  |          | X                 |   |
|   | f) Clean grout space  | Field Inspection  |                  |          | X                 |   |
|   | g) Size & type of reinforcing   | Field Inspection  |                  |          | X                 |   |
|   | h) Size & location of structural elements   | Field Inspection  |                  |          | X                 |   |
|   | i) Size, type & location of anchors. Include anchorage of masonry to structural members | Field Inspection<br>Level 1 - Periodic<br>Level 2 - Cont.                                   |                  |          | X                 |   |
|   | j) Cold/hot weather protection  | Field Inspection  |                  |          | X                 |   |
|   | k) Welding of rebar (Continuous)  | Field Inspection  |                  |          | X                 |   |
|   | m) Verification of grout placement (Continuous)   | Field Inspection  |                  |          | X                 |   |
|   | n) Preparation of grout & mortar specimens (Continuous)                                 | Field Inspection  |                  |          | X                 |   |
|   | o) Compliance with inspections & submittals (Periodic)                                  | Field Inspection  |                  |          | X                 |   |
|   | Structural Steel  | Periodic Verification   | Field Inspection |          |                   |   |
|   |   | Identification markings conform to ASTM standards on high-strength bolts, nuts, and washers | Field Inspection |          |                   | X |
| High-strength bolting: Bearing-type connections                                       |   | Field Inspection  |                  |          | X                 |   |
| Welding complete and partial penetration groove welds (cont)                          |   | Field Inspection  |                  |          | X                 |   |
| Multi-pass fillet welds (cont)  |   | Field Inspection  |                  |          | X                 |   |
| Single-pass fillet welds > 5/16" (cont)   |   | Field Inspection  |                  |          | X                 |   |
| Single-pass fillet welds <= 5/16"   |   | Field Inspection  |                  |          | X                 |   |
| Roof deck welds   |   | Field Inspection  |                  |          | X                 |   |
| Inspect steel frame joint details for compliance with approved construction documents |   | Field Inspection  |                  |          | X                 |   |
| Verify materials below footings are adequate to achieve the design bearing capacity.  |   | Field Inspection  |                  |          | X                 |   |
| Soils   | See geotechnical report for other requirements and recommendations                      |   |                  |          |                   |   |
|   | Periodic Inspections of Steel Frame Joists  | Field Inspection  |                  |          | X                 |   |
| Steel Joists  | Inspection of Field Welds and Bolts (Periodic)  | Field Inspection  |                  |          | X                 |   |
|   | Inspection of Roof Deck & Welds (Periodic)  | Field Inspection  |                  |          | X                 |   |
| Steel Deck  | Inspection of Floor Deck & Welds (Periodic)   | Field Inspection  |                  |          | X                 |   |
|   | Review Submittal Inspection of Installation and Anchorage of Suspension System (Per)    | Review Submittal  | X                |          | X                 |   |
| Suspended Ceiling Systems   | Inspection of the exterior wall panel anchorage   | Field Inspection  |                  |          | X                 |   |
| Exterior wall panels  | Piping systems and mechanical units containing highly toxic materials.                  | Field Inspection  |                  |          | X                 |   |
| Plumbing Comp   |   |   |                  |          |                   |   |

BROWNSTONE

1310 LADY STREET - SUITE 204 - COLUMBIA, SOUTH CAROLINA, 29201

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Seal



Client

ALLENDALE - FAIRFAX COUNTY SCHOOL DISTRICT

Project

ALLENDALE PRIMARY SCHOOL

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JUNE 05, 2020

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Key Plan

Sheet Title

SPECIAL INSPECTIONS

S-003

Drawn By  
Checked By

ERB  
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