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SPECIAL INSPECTIONS:

SPECIAL INSPECTION SHALL MEET THE REQUIREMENTS OF THE ABOVE REFERENCED BUILDING CODE, CHAPTER 17. SPECIAL INSPECTOR(S) SHALL BE RETAINED BY THE OWNER TO PERFORM THE REQUIRED SPECIAL INSPECTIONS. THE NAMES AND QUALIFICATIONS OF THE PERSONS AND/OR FIRMS WHO ARE TO PERFORM THE SPECIAL INSPECTIONS SHALL BE PROVIDED TO THE BUILDING OFFICIAL FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE SPECIAL INSPECTOR(S) SHALL COMPLETE AND SUBMIT ALL FORMS, REPORTS, AND CERTIFICATES REQUIRED BY THE JURISDICTION WHERE CONSTRUCTION OR WORK IS LOCATED.

1. THE SPECIAL INSPECTOR(S) SHALL:

A. OBSERVE THE WORK ASSIGNED FOR CONFORMANCE TO THE APPROVED DRAWINGS AND SPECIFICATIONS.

B. FURNISH INSPECTION REPORTS TO ENGINEER OF RECORD AND BUILDING DEPARTMENT. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF NOT CORRECTED, TO THE ATTENTION OF THE ENGINEER AND THE BUILDING DEPARTMENT.

C. SUBMIT TO THE ENGINEER OF RECORD AND THE BUILDING DEPARTMENT A SIGNED FINAL REPORT STATING THAT THE WORK WAS IN CONFORMANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE BUILDING CODE.
2. SPECIAL INSPECTION NOTES:

A. WHERE FABRICATION OF STRUCTURAL LOAD-BEARING MEMBERS AND ASSEMBLIES IS BEING PERFORMED ON THE PREMISES OF A FABRICATOR'S SHOP, SPECIAL INSPECTION OF THE FABRICATED ITEMS IS REQUIRED DURING THE PERFORMANCE OF THE WORK EXCEPT WHERE THE FABRICATOR HAS BEEN APPROVED TO PERFORM THE WORK WITHOUT SPECIAL INSPECTION IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE. WHERE SPECIAL INSPECTION HAS BEEN EXEMPTED DURING FABRICATION, FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE IN LIEU OF THE INSPECTION, STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.

B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE THE SPECIAL INSPECTOR(S) WITH ADVANCE NOTICE, NO LESS THAN 72 HOURS, OF THE INITIATION OF ANY WORK REQUIRED TO HAVE SPECIAL INSPECTIONS. ALL WORK PERFORMED WITHOUT REQUIRED SPECIAL INSPECTION WILL BE SUBJECT TO REMOVAL.

C. THE CONSTRUCTION OR WORK FOR WHICH SPECIAL INSPECTION IS REQUIRED SHALL REMAIN ACCESSIBLE AND EXPOSED FOR SPECIAL INSPECTION UNTIL COMPLETION OF THE REQUIRED INSPECTIONS AND/OR TESTS.
3. STRUCTURAL OBSERVATION NOTES:

A. WHERE REQUIRED BY THE BUILDING CODE OR BUILDING OFFICIAL, OR ELECTED BY THE OWNER OR ENGINEER OF RECORD, THE ENGINEER OF RECORD OR A DESIGNATED REGISTERED PROFESSIONAL ENGINEER ACTING ON THE OWNER'S OR ENGINEER'S BEHALF MAY PERFORM STRUCTURAL OBSERVATIONS DURING CONSTRUCTION.

B. STRUCTURAL OBSERVATIONS DO NOT INCLUDE, OR WAIVE THE RESPONSIBILITY FOR, THE PERFORMANCE OF SPECIAL INSPECTIONS AS REQUIRED HEREIN, OR FOR ANY OTHER INSPECTIONS AS REQUIRED BY THE BUILDING CODE OR BUILDING OFFICIAL.
4. SPECIAL INSPECTIONS AND TESTS OF ELEMENTS OF BUILDINGS AND STRUCTURES SHALL MEET THE APPLICABLE REQUIREMENTS LISTED BELOW.

A. STEEL CONSTRUCTION:

a. STRUCTURAL STEEL:

• SPECIAL INSPECTION AND NONDESTRUCTIVE TESTING OF STRUCTURAL STEEL ELEMENTS IN BUILDINGS, STRUCTURES, AND PORTIONS THEREOF SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360, LATEST EDITION.

b. COLD-FORMED STEEL DECK:

• SPECIAL INSPECTIONS AND QUALIFICATION OF WELDING SPECIAL INSPECTOR(S) FOR COLD-FORMED STEEL FLOOR AND ROOF DECK SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF SDI QA/C.

c. OPEN-WEB STEEL JOISTS AND JOIST GIRDERS:

• SPECIAL INSPECTIONS OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS IN BUILDINGS, STRUCTURES, AND PORTIONS THEREOF SHALL BE IN ACCORDANCE WITH BUILDING CODE TABLE 1705.2.3.

B. CONCRETE CONSTRUCTION:

a. SPECIAL INSPECTIONS OF CONCRETE CONSTRUCTION SHALL BE PERFORMED AS LISTED BELOW AND IN ACCORDANCE WITH BUILDING CODE TABLE 1705.3, EXCEPT AS ALLOWED PER THE EXEMPTIONS LISTED IN BUILDING CODE SECTION 1705.3.

b. PERIODIC INSPECTION OF REINFORCING STEEL AND PRESTRESSING TENDON MATERIAL AND PLACEMENT.

c. PERIODIC INSPECTION OF REINFORCING STEEL WELDING, INCLUDING BAR MATERIAL AND WELDS AS REQUIRED.

d. PERIODIC INSPECTION OF ANCHORS CAST IN FRESH CONCRETE.

e. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE PER ACI 318, SECTION 17.8.

f. PERIODIC VERIFICATION OF USE OF REQUIRED DESIGN MIX.

g. FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE TEMPERATURE OF THE FRESH CONCRETE PRIOR TO CONCRETE PLACEMENT.

h. CONTINUOUS INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.

i. PERIODIC VERIFICATION OF MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.

j. INSPECT PRESTRESSED CONCRETE FOR APPLICATION OF PRESTRESSING FORCES AND GROUTING OF BONDED PRESTRESSING TENDONS.

k. PERIODIC INSPECTION OF ERECTION OF PRECAST CONCRETE MEMBERS.

l. VERIFY IN-SITU CONCRETE STRENGTH:

• PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE, AND

• PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.

m. PERIODIC INSPECTION OF FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.

C. MASONRY CONSTRUCTION:

a. SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION, INCLUDING VERTICAL MASONRY FOUNDATION ELEMENTS, SHALL BE PERFORMED IN ACCORDANCE WITH THE QUALITY ASSURANCE PROGRAM REQUIREMENTS OF TMS 402 AND TMS 602, LATEST EDITIONS, EXCEPT AS SPECIFICALLY EXEMPTED BY BUILDING CODE SECTION 1705.4

D. SOILS:

a. SPECIAL INSPECTIONS AND TESTS OF EXISTING SITE SOIL CONDITIONS, FILL PLACEMENT, AND LOAD-BEARING REQUIREMENTS SHALL BE PERFORMED IN ACCORDANCE WITH BUILDING CODE SECTION 1705.6 AND TABLE 1705.6, INCLUDING:

• PERIODIC VERIFICATION THAT MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.

• PERIODIC VERIFICATION THAT EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER BEARING MATERIAL.

• PERIODIC CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.

• CONTINUOUS VERIFICATION OF USE OF PROPER FILL MATERIALS, FILL MATERIAL DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.

• PERIODIC INSPECTION OF SUBGRADE PREPARATION PRIOR TO PLACEMENT OF COMPACTED FILL.

TABLE 1704.3 REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION 2018 NYBC						
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE	PERIODIC STAGES	REQ.
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS COMPLIANCE: <div>A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.</div> <div>B. CERTIFICATE OF COMPLIANCE REQUIRED (SHOP DRAWINGS)</div>	-	X	-	-	PRIOR TO ENCLOSING	Y
	-	X	-	-	CONTRACTOR TO SUBMIT SHOP DRAWINGS	Y
2. INSPECTION OF HIGH STRENGTH BOLTING: <div>A. BEARING-TYPE CONNECTION</div> <div>B. SLIP-CRITICAL CONNECTIONS</div>	-	X	AISC 360, SECTION M2.5	1704.3.3	PRIOR TO ENCLOSING	Y
	X	X			PRIOR TO ENCLOSING	N
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL <div>A. IDENTIFICATION MARKUPS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS</div> <div>B. MANUFACTURER'S CERTIFIED MILL TEST REPORTS</div>	-	X	ASTM A6 OR ASTM A558	1708.4	PRIOR TO ENCLOSING	Y
	-	X			CONTRACTOR TO SUBMIT	Y
4. MATERIAL VERIFICATION OF FILLER MATERIALS: <div>A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS</div> <div>B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED (SHOP DRAWINGS)</div>	-	X	AISC 360, SEC. A3.5	1708.4	PRIOR TO ENCLOSING	Y
	-	X			CONTRACTOR TO SUBMIT AS SHOP DRAWINGS	Y
5. INSPECTION OF WELDING: <div>A. STRUCTURAL STEEL<div>1. COMPLETE & PARTIAL PENETRATION GROOVE WELD</div><div>2. MULTI-PASS FILLET WELDS.</div><div>3. SINGLE-PASS FILLET WELDS > 5/16" (7.9 MM)</div><div>4. SINGLE-PASS FILLET WELDS < 5/16" (7.9 MM)</div><div>5. FLOOR & ROOF DECK WELDS</div></div> <div>B. REINFORCING STEEL<div>1. VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706</div><div>2. REINFORCING STEEL-RESISTING FLEXURAL & AXIAL FORCES IN INTERMEDIATE & SPECIAL MOMENT FRAMES, & BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS, & SHEAR REINFORCEMENT</div><div>3. SHEAR REINFORCEMENT</div><div>4. OTHER REINFORCING STEEL</div></div>	-	X	AWS D1.1	-	PRIOR TO ENCLOSING	Y N N Y N
	-	X				
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS <div>A. DETAILS SUCH AS BRACING AND STIFFENING</div> <div>B. MEMBER LOCATIONS</div> <div>C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION</div>	-	X	AWS D1.4 ACI 318: 3.5.2	-	PRIOR TO ENCLOSING	N N N
	-	X				
7. COLD-FORMED STEEL DECK <div>A. SDI DECK INSPECTION PROGRAM</div> <div>B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED (SHOP DRAWINGS & SUBMITTALS)</div>	X	X	SDI QA/QC 2022 C1/C2 & D1-D4 APPENDIX I	1705.2, 1705.2.2	PRIOR TO ENCLOSING	Y
	-	X				

TABLE 1705.3 REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION						
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE	PERIODIC STAGES	REQ.
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	-	X	ACI 318: Ch. 20, 25.2, 25.3, 26.1 - 26.6.3	1705.3, 1908.4	PRIOR TO STARTING POURS WHERE CONCRETE IS TO BE SAMPLED	Y
2. REINFORCING BAR WELDING: <div>A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706;</div> <div>B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16", AND:</div> <div>C. INSPECT ALL OTHER WELDS.</div>	X	X	AWS: D1.4 ACI 318: 26.6.4	1705.3, 1705.3.1	PRIOR TO ENCLOSING	Y
3. INSPECT ANCHORS CAST IN CONCRETE.	-	X	ACI 318: 17.8.2	1705.3	-	Y
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. <div>A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.</div> <div>B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A.</div>	X	X	ACI 318: 17.8.2 ACI 318: 18.7.2.4	1705.3	WHEN INSTALLED	Y
5. VERIFY USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1705.3, 1904.1-2, 1908.2-3	EACH TIME FRESH CONCRETE IS SAMPLED	Y
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C 172, C31 ACI 318: 26.4, 26.12	1705.3, 1908.10	EACH TIME CONCRETE CYLINDERS TAKEN	Y
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318: 26.5	1705.3, 1908.6-8	EACH TIME FRESH CONCRETE IS SAMPLED	Y
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 28.5.3 - 28.5.5	1705.3, 1908.9	(1) UNANNOUNCED INSPECTION FOR EVERY 250 CY. OF CONCR. PLACED FOR ENTIRE PROJ.	Y
9. INSPECT PRESTRESSED PRESTRESSED CONCRETE FOR: <div>A. APPLICATION OF PRESTRESSING FORCES; AND</div> <div>B. GROUTING OF BONDED PRESTRESSING TENDONS.</div>	X X	-	ACI 318: 26.10	1705.3	-	N
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	X	ACI 318: Ch. 26.8	1705.3	PRIOR TO ENCLOSING	N
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318: 26.11.2	1705.3	-	N
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	ACI 318: 26.11.2(b)	-	-	Y
13. MATERIAL TESTS - IN ABSENCE OF SUFFICIENT DATA OR DOCUMENTATION FOR MATERIALS.	-	X	ACI 318 Ch. 19 - 20	-	-	X

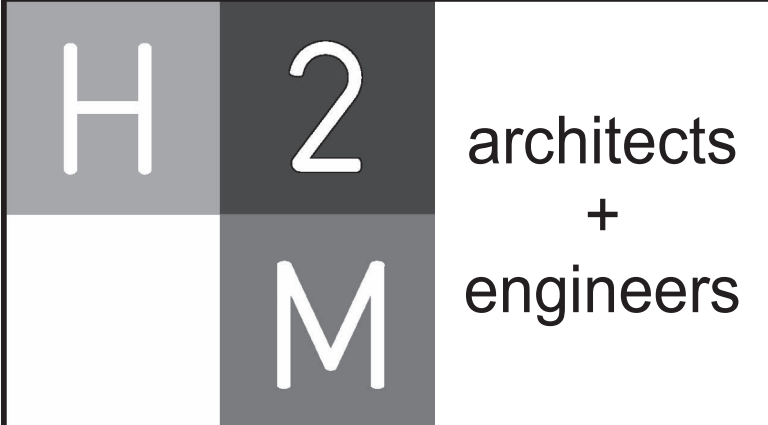
FOR SI: 1 INCH = 25.4 mm.
A. WHERE APPLICABLE, SEE SECTION 1705.12. SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
B. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2. IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIED REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

TMS 602 TABLE 4 - MINIMUM SPECIAL INSPECTION REQUIREMENTS									
MINIMUM VERIFICATION	FREQUENCY (a)			REFERENCE FOR CRITERIA		IBC REFERENCE	PERIODIC STAGES	REQ.	
	LEVEL 1	LEVEL 2	LEVEL 3	TMS 402	IBC REFERENCE				
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:									
A. PROPORTIONS OF SITE-PREPARED MORTAR	NR	P	P	-	ART. 2.1, 2.6 A, & 2.6 C				Y
B. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGE	NR	P	P	-	ART. 2.4 B & 2.4 H				Y
C. GRADE, TYPE AND SIZE AND REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES	NR	P	P	-	ART. 3.4 & 3.6 A				Y
D. PRESTRESSING TECHNIQUE	NR	P	P	-	ART. 3.6 B				N
E. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	NR	C ^(b) /P ^(c)	P	-	ART. 2.1 C.1				N
F. SAMPLE PANEL CONSTRUCTION	NR	P	P	-	ART. 1.6 D				N
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:									
A. GROUT SPACE	NR	P	P	-	ART. 3.2 D & 3.2 F				Y
B. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES	NR	P	P	SEC. 10.8 & 10.9	ART. 2.4 & 3.6				Y
C. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	NR	P	C	SEC. 6.1, 6.3.1, 6.3.6, & 6.3.7	ART. 3.2 E & 3.4				Y
D. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS	NR	P	P	-	ART. 2.6 B & 2.4 G.1.b				Y
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:									
A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS	NR	P	P	-	ART. 1.5				Y
B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION	NR	P	P	-	ART. 3.3 B				Y
C. SIZE AND LOCATION OF STRUCTURAL MEMBERS	NR	P	P	-	ART. 3.3 F				Y
D. TYPE, SIZE, AND LOCATIONS OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	NR	P	C	SEC. 1.2.1 (a), 6.2.1 & 6.3.1	-				Y
E. WELDING OF REINFORCEMENT	NR	C	C	SEC. 6.1.6.1.2	-				Y
F. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40F (4.4°C) OR HOT WEATHER (TEMPERATURE ABOVE 90°F (32.2°C))	NR	P	P	-	ART. 1.8 C & 1.8 D				Y
G. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	NR	C	C	-	ART. 3.6 B				N
H. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IN COMPLIANCE	NR	C	C	-	ART. 3.5 B & 3.6 C				N
I. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	NR	C ^(b) /P ^(c)	C	-	ART. 3.3 B.9 & 3.3 F.1.b				N
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	NR	P	P	-	ART. 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, & 1.4 B.4				Y

(a) FREQUENCY REFERS TO THE FREQUENCY OF INSPECTION, WHICH MAY BE CONTINUOUS DURING THE LISTED TASK OR PERIODICALLY DURING THE LISTED TASK, AS DEFINED IN THE TABLE.
NR = NOT REQUIRED, P = PERIODIC, C = CONTINUOUS
(b) REQUIRED FOR THE FIRST 5000 SQUARE FEET (456 SQUARE METERS) OF AAC MASONRY
(c) REQUIRED AFTER THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.

TABLE 1705.2.3 REQUIRED SPECIAL INSPECTIONS OF OPEN-WEB STEEL JOISTS AND GIRDERS						
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE	PERIODIC STAGES	REQ.
1. INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS. <div>A. END CONNECTIONS - WELDING OR BOLTED.</div> <div>B. BRIDGING - HORIZONTAL OR DIAGONAL.</div>	- -	X -	SJI SPECIFICATIONS LISTED IN SECTION 2207.1		PRIOR TO ENCLOSING	Y
2. STANDARD BRIDGING.	-	X	SJI SPECIFICATIONS LISTED IN SECTION 2207.1		PRIOR TO ENCLOSING	Y
3. BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1	-	X	-		PRIOR TO ENCLOSING	Y


TABLE 1705.6 REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS						
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE	PERIODIC STAGES	REQ.
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X	-	-	AT COMPLETION OF EXCAVATION	Y
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X	-	-	AT COMPLETION OF EXCAVATION	Y
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X	-	-	AT COMPLETION OF COMPACTION	Y
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-	-	-	-	Y
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X	-	-	AT COMPLETION OF EXCAVATION	Y



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CONSULTANTS:		

MARK	DATE	DESCRIPTION
1	03/19/2025	BID ADDENDUM #1



Danie Aiello

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04/30/2027
Exp. Date

IN ACCORDANCE WITH ARTICLE 146, SECTION 2209 OF THE NYS EDUCATION LAW, ALTERNATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL.

DESIGNED BY: JJN
PROJECT No: TRFD 2302

DRAWN BY: JJN

DATE: MARCH 2025

CHECKED BY: DJA

SCALE: AS SHOWN

REVIEWED BY: DJA

CLIENT

THIELLS
ROSEVILLE FIRE
DISTRICT

NEW 26-100 FIRE
HEADQUARTERS



65 W RAMAPO ROAD
GARNERVILLE, NY 10923

CONTRACT	CONTRACT G
STATUS	BID ADDENDUM NO.1
SHEET TITLE	SPECIAL INSPECTIONS
DRAWING No.	S 003.00