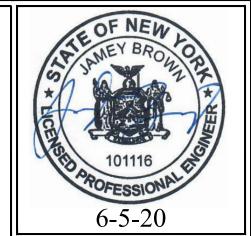
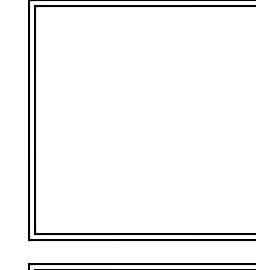
PROJECT				LE TO THIS F		PROJECT
MATERIAL / ACTIVITY 1704.2 Inspection of	SERVICE	Y/N	EXTENT	AGENT*	DATE COMPLETED	MATERIAL / ACTIVITY 4. Inspection of anchors and
Fabricators Verify fabrication/quality control	In-plant review (3)	V	Doriodio	4		reinforcing steel post-installed hardened concrete: Per resear
procedures. 1705.1.1 Special Cases (work	in-plant review (3)	Y	Periodic	1	•	reports including verification of anchor type, anchor dimension
unusual in nature, including but not limited to alternative materials and	Submittal review, shop (3)					hole dimensions, hole cleaning procedures, anchor spacing, edistances, concrete embedmen
systems, unusual design applications, materials and systems	and/or field inspection	N			·	tightening torque
with special manufacturer's requirements)						5. Verify use of approved designix
705.2 Steel Construction						 Fresh concrete sampling, perform slump and air content and determine temperature of
Fabricator and erector documents (Verify reports and						concrete 7. Inspection for concrete and
certificates as listed in AISC 360, chapter N, paragraph 3.2 for	Submittal Review	Υ	Each submittal	1		shotcrete placement for proper application techniques
compliance with construction documents)						Inspection for maintenance of specified curing temperature at
2. Material verification of structural steel	Shop (3) and field inspection	Y	Periodic	1		techniques 9. Inspection of prestressed
3. Embedments (Verify diameter,	Field increasion	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Deviedie	4		concrete: a. Application of prestressing
grade, type, length, embedment. See 1705.3 for anchors)	Field inspection	Y	Periodic	1	·	force b. Grouting of bonded
4. Verify member locations, braces, stiffeners, and application of joint						prestressing tendons in seismic-force-resisting syste
details at each connection comply with construction documents	Field inspection	Υ	Periodic	1		Erection of precast concret members
5. Structural steel welding:						Inspect in accordance wit construction documents
a. Inspection tasks Prior to Welding (Observe, or perform						b. Perform inspections of welding and bolting in
for each welded joint or member, the QA tasks listed in AISC 360,	Shop (3) and field inspection	Υ	Observe or Perform as noted (4)	1		accordance with Section 170 11. Verification of in-situ concre
Table N5.4-1) b. Inspection tasks During						strength, prior to stressing of tendons in post tensioned cond
Welding (Observe, or perform for each welded joint or member,	Shop (3) and field inspection	Y	Observe (4)	1		and prior to removal of shores forms from beams and structur
the QA tasks listed in AISC 360, Table N5.4-2)						slabs 12. Inspection of formwork for
c. Inspection tasks After Welding (Observe, or perform for each	Shee (0) 15		Observe or Perform			shape, lines, location and dimensions
welded joint or member, the QA tasks listed in AISC 360, Table N5.4-3)	Shop (3) and field inspection	Y	as noted (4)	1	·	13. Concrete strength testing a verification of compliance with
d. Nondestructive testing (NDT)		Y		1		construction documents 1705.4 Masonry Construction
of welded joints: see Commentary 1) Complete penetration	Shop (3) or field Ultrasonic		D : 1:			(A) Level A, B and C Quality Assurance:
groove welds ¾ ₆ " or greater in <i>risk category</i> III or IV	testing - 100%	N	Periodic		·	Verify compliance with approved submittals
2) Complete penetration groove welds $\frac{5}{6}$ " or greater	Shop (3) or field Ultrasonic testing - 10% of welds	N	Periodic			(B) Level B Quality Assurance
in <i>risk category</i> II 3) Thermally cut surfaces of	mimimum Shop (3) or field magnetic					1. Verfication of f'm and f'₄ prior to construction
access holes when material t > 2"	Partical or Penetrant testing	N	Periodic			(C) Level C Quality Assurance 1. Verfication of f'm and f _A
4) Welded joints subject to fatigue when required by	Shop (3) or field radiographic	N	Periodic			prior to construction and fo every 5,000 SF during
AISC 360, Appendix 3, Table A-3.1	or Ultrasonic testing					construction 2. Verification of proportion
5) Fabricator's NDT reports when fabricator performs	Verify reports	Υ	Each submittal (5)	1		of materials in premixed o preblended mortar,
NDT 6. Structural steel bolting:	Shop (3) and field inspection	Υ		1		prestressing grout, and gro other than self-consolidation
a. Inspection tasks Prior to Bolting (Observe, or perform for						grout, as delivered to the project site
each bolted connection, in accordance with QA tasks listed		Υ	Observe or Perform as noted (4)	1		3. Verify placement of masonry units
in AISC 360, Table N5.6-1) b. Inspection tasks During						(D) Levels B and C Quality Assurance:
Bolting (Observe the QA tasks listed in AISC 360, Table N5.6-2)		Υ	Observe (4)	1		Verification of Slump Floand Visual Stability Index (VSI) of self-consolidating
1) Pre-tensioned and						(VSI) of self-consoldiating grout as delivered to the project
slip-critical joints a) Turn-of-nut with matching		N	Periodic			2. Verify compliance with
markings b) Direct tension indicator		N	Periodic		·	approved submittals 3. Verify proportions of
c) Twist-off type tension control bolt		N	Periodic			site-mixed mortar, grout a prestressing grout for bond
d) Turn-of-nut without matching markings		N	Continuous			tendons 4. Verify grade, type, and
e) Calibrated wrench 2) Snug-tight joints		N Y	Continuous Periodic	1	· ·	of reinforcement and anch
c. Inspection tasks After Bolting (Perform tasks for each bolted						tendons and anchorages 5. Verify construction of
connection in accordance with QA tasks listed in AISC 360,		Υ	Perform (4)	1		mortar joints 6. Verify placement of
Table N5.6-3) 7. Inspection of steel elements of						reinforcement, connectors and prestressing tendons
composite construction prior to concrete placement in accordance	Shop (3) and field inspection and testing	N	Observe or Perform as noted (4)			anchorages 7. Verify grout space prior
with QA tasks listed in AISC 360, Table N6.1	inspection and testing		as noted (+)			grouting 8. Verify placement of grounds
1705.2.2 Steel Construction Other Than Structural Steel						and prestressing grout for bonded tendons
Material verification of cold-formed steel deck:						Verify size and location structural masonry elemer
a. Identification markings	Field inspection	Y	Periodic	1		10. Verify type, size, and location of anchors, includ
b. Manufacturer's certified test reports	Submittal review	Y	Each submittal	1	·	details of anchorage of masonry to structural
2. Connection of cold-formed steel deck to supporting structure:	Shop (3) and field inspection					members, frames, or othe construction 11. Verify welding of
a. Welding b. Other fasteners (in		N	Periodic			reinforcement (see 1705.2
accordance with AISC 360, Section N6)						12. Verify preparation, construction, and protestion of masonry during cold
Verify fasteners are in conformance with approved		Y	Periodic	1		weather (temperature below) 40°F) or hot weather
submittal 2) Verify fasteners installation		'	1 onodio	'		(temperature above 90°F) 13. Verify application and
is in conformance with approved submittal and		Y	Periodic	1		measurement of prestress
manufacturer's recommendations			. 3.1.53.15	·	·	14. Verify placement of AA masonry units and
3. Reinforcing steel	Shop (3) and field inspection					construction of thin-bed mortar joints (first 5000 SF
a. Verification of weldability of steel other than ASTM A706		N	Periodic			AAC masonry) 15. Verify placement of AA
b. Reinforcing steel resisting flexural and axial forces in intermediate and special						masonry units and construction of thin-bed
moment frames, boundary elements of special concrete		N	Continuous			mortar joints (after the firs 5000 SF of AAC masonry
structural walls and shear reinforcement						16. Verify properties of thin-bed mortar for AAC
c. Shear reinforcement		N Y	Continuous Periodic	1		masonry (first 5000 SF of AAC masonry)
d. Other reinforcing steel 4. Cold-formed steel trusses		r 	renodic	I	·	17. Verify properties of thin-bed mortar for AAC
spanning 60 feet or greater a. Verify temporary and						masonry (after the first 500 SF of AAC masonry)
permanent restraint/bracing are installed in accordance with the	Field inspection	N	Periodic			18. Prepare grout and mor specimens
approved truss submittal package						19. Observe preparation o prisms
1. Inspection of reinforcing steel						1705.5 Wood Construction
installment (see 1705.2.2 for welding)	Shop (3) and field inspection	Y	Periodic	1		Inspection of the fabrication process of wood structural elements and assemblies in
2. Inspection of prestressing steel installation	Shop (3) and field inspection	N	Periodic			accordance with Section 1704.
Inspection of anchors cast in concrete where allowable loads have been increased per section	Shop (2)	N	Periodic			For high-load diaphragms, v grade and thickness of structur
LIGAC DECLI ULLI LESSENTI CELLUM	Shop (3) and field inspection		5			panel sheathing agree with

			APPLICARI	LE TO THIS	PROJECT
MATERIAL / ACTIVITY	SERVICE	Y/N	EXTENT	AGENT*	DATE COMPLETED
Inspection of anchors and reinforcing steel post-installed in hardened concrete: Per research					
hardened concrete: Per research reports including verification of anchor type, anchor dimensions,			Periodic or as required by the		
hole dimensions, hole cleaning procedures, anchor spacing, edge	Field inspection	Y	research report issued by an	1	
distances, concrete embedment and tightening torque			approved source		
5. Verify use of approved design	Shop (3) and field inspection	Y	Periodic	1	
mix 6. Fresh concrete sampling,					
perform slump and air content tests and determine temperature of	Shop (3) and field inspection	Y	Continuous	1	
concrete 7. Inspection for concrete and					
shotcrete placement for proper application techniques	Shop (3) and field inspection	N	Continuous		·
8. Inspection for maintenance of specified curing temperature and	Shop (3) and field inspection	Υ	Periodic	1	
techniques 9. Inspection of prestressed					
concrete: a. Application of prestressing	Shop (3) and field inspection		0 - 11 11 11 11 11		
force b. Grouting of bonded		N	Continuous		·
prestressing tendons in seismic-force-resisting system		N	Continuous		
10. Erection of precast concrete					
members a. Inspect in accordance with	Field in so setion		In accordance with		
construction documents b. Perform inspections of	Field inspection	N	construction documents	5	
welding and bolting in accordance with Section 1705.2	Field inspection	N	In accordance with Section 1705.2		
11. Verification of in-situ concrete					
strength, prior to stressing of tendons in post tensioned concrete	Review field testing and	N	Periodic		
and prior to removal of shores and forms from beams and structural	laboratory reports				
slabs 12. Inspection of formwork for					
shape, lines, location and dimensions	Field inspection	Y	Periodic	1	·
13. Concrete strength testing and verification of compliance with	Field testing and review of	Y	Periodic	1	
construction documents	laboratory reports			•	
I705.4 Masonry Construction A) Level A, B and C Quality					
Assurance: 1. Verify compliance with	F- 11-				
approved submittals B) Level B Quality Assurance:	Field inspection	Y	Periodic	1	
1. Verfication of f'm and f' _{AAC}	Testing by unit strength	Y	Periodic	1	
prior to construction C) Level C Quality Assurance:	method or prism test method	-			
Verfication of f'm and f' _{AAC} prior to construction and for	T-4i				
every 5,000 SF during construction	Testing by unit strength method or prism test method	N	Periodic		
2. Verification of proportions					
of materials in premixed or preblended mortar,	Field inapportion	NI NI	Continuous		
prestressing grout, and grout other than self-consolidating	Field inspection	N	Continuous		·
grout, as delivered to the project site					
Verify placement of masonry units	Field inspection	N	Periodic		
D) Levels B and C Quality Assurance:					
Verification of Slump Flow and Visual Stability Index					
(VSI) of self-consoldiating grout as delivered to the	Field testing	Υ	Continuous	1	
project					
Verify compliance with approved submittals	Field inspection	Υ	Periodic	1	
Verify proportions of site-mixed mortar, grout and					
prestressing grout for bonded tendons	Field inspection	N	Periodic		
Verify grade, type, and size of reinforcement and anchor					
bolts, and prestressing tendons and anchorages	Field inspection	Υ	Periodic	1	
5. Verify construction of	Field inspection	Y	Periodic	1	
mortar joints 6. Verify placement of	Tield Hispedilon	'	1 onedio	•	·
reinforcement, connectors, and prestressing tendons and	Field inspection	Y	Level B - Periodic	1	
anchorages		N	Level C - Continuous	1	
7. Verify grout space prior to grouting	Field inspection	Y N	Level B - Periodic Level C - Continuous	1	
Verify placement of grout and prestressing grout for	Field inspection	N	Continuous		
bonded tendons 9. Verify size and location of	Field inspection		5		
structural masonry elements 10. Verify type, size, and	r iciu iriəpecilOH	Y	Periodic	1	•
location of anchors, including details of anchorage of	Field inspection	Y	Level B - Periodic	1	
masonry to structural members, frames, or other	ι ισια πιορεσίιστι	N	Level C - Continuous		
construction 11. Verify welding of		IN IN			
reinforcement (see 1705.2.2)	Field inspection	N	Continuous		
12. Verify preparation, construction, and protestion					
of masonry during cold weather (temperature below	Field inspection	Y	Periodic	1	
40°F) or hot weather (temperature above 90°F)					
13. Verify application and measurement of prestressing	Field inspection	N	Continuous		
force 14. Verify placement of AAC					
masonry units and construction of thin-bed	Field inspection	N	Continuous		
mortar joints (first 5000 SF of AAC masonry)	r ieiu irispection	"	Johnhous		·
15. Verify placement of AAC		.	Lovel P. Deni II		
masonry units and construction of thin-bed	Field inspection	N	Level B - Periodic		·
mortar joints (after the first 5000 SF of AAC masonry)		N	Level C - Continuous		
16. Verify properties of thin-bed mortar for AAC	Field inspection	N.I	Continuous		
masonry (first 5000 SF of AAC masonry)	r ieiu irispection	N	Continuous		·
17. Verify properties of thin-bed mortar for AAC	Field inspection	N	Level B - Periodic		
masonry (after the first 5000 SF of AAC masonry)	ι ισια πιορεσίιστι	N	Level C - Continuous		
18. Prepare grout and mortar	Field testing	Y	Level B - Periodic Level C - Continuous	1	·
specimens 19. Observe preparation of	-	N Y	Level B - Periodic	1	
prisms	Field inspection		Level C - Continuous		
1. Inspection of the fabrication					
process of wood structural elements and assemblies in	In-plat review (3)	N	Periodic		
accordance with Section 1704.2.5					
2. For high-load diaphragms, verify					

MATERIAL JACTIONTY	PROJECT	CHEDULE OF SPECIA	AL IN			
and address from familiary interests and company of the property of the proper	MATERIAL / ACTIVITY	SERVICE	Y/N			
Interest growing 65 feet to genote the control product of the control of the cont	nominal size of framing members at adjoining panel edges, nail or staple diameter and length, number of fastener lines, and that spacing between fasteners in each line and at edge margins agree with	Field inspection	N	Periodic		·
1 Legis monotos a costo adado programativo de la constitución de la	trusses spanning 60 feet or greater: verify temporary and permanent restraint/bracing are installed in accordance with the approved truss	Field inspection	Ν	Periodic		·
so proces design and later ecolored or communication of the communicatio	Verify materials below shallow foundations are adequate to achieve the design bearing	Field inspection	Y	Periodic	1	
A committed ill insuration Foot inspection Total insuration Tota	to proper depth and have reached proper material.	·	-			
Authority (Authority Community) (In page 1997) (In page 1997	of controlled fit materials. 4. Verify use of proper materials,	Field inspection	Y	Periodic	1	•
TREAT Driven Comments (1997) The Comments of the Comments of the Comments (1997) The Comments of the Comments of the Comments (1997) The Comments of the Comments of the Comments (1997) The Comments of the Comments of the Comments (1997) The Comments of the Comments of the Comments (1997) The Comments of the Comments of the Comments (1997) The Comments of the Comments of the Comments (1997) The Comments of the Comments of the Comments (1997)	during placement and compaction of controlled fill 5. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared	·			·	
2. Deberations despetition of best determined and excitors and control and course interest and excitors of seed effectives. 3. Observe delining synuthers and course interests of the properties of the propertie	1705.7 Driven Deep Foundations1. Verify element materials, sizes and lengths comply with	Field inspection	N	Continuous		
S. Observed whites governations and consulted sections of the contraction controllers and consulted sections are provided by the controllers and controllers are provided by the controllers and controllers are controllers and controllers and controllers are controllers and controllers and controllers are controllers and controllers and controllers and controllers are controllers and controllers and controllers and controllers and controllers are controllers and controllers a	Determine capacities of test elements and conduct additional	Field inspection	N	Continuous		
Find impaction in Continuous delication processors and processors of the continuous delication in Continuous delication i	3. Observe driving operations and	·	N	Continuous		
damage to boundation element. 5 For dated information perform additional inspection per Section 1705.2 N See Section 1705.2 N See Section 1705.3 N See	4. Verify placement locations and plumbness, confirm type and size of hammer ,record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt			Continuous		·
6 Fisc countries februerists and concrete infiling extensions and concrete infiling extensions and concrete infiling extensions and concrete infiling extensions and concrete infiling extensions. 7. For specially elements perform professional in responsion in responsible change professional in responsible change in responsible change in responsibility. Field inspection Field inspection N Continuous Field inspection Field inspection N Continuous Field inspection N Continuous	damage to foundation element 5. For steel elements, perform	See Section 1705 2	N	See Section 1705 2		
Total profession of registered degree professional in registered with the format details and testing in accordance with construction of contractions. Total inspection and testing Total inspection No. Continuous Continu	1705.2 6. For concrete elements and concrete-filled elements, perform					•
obserminal by the registered design production in registering the registered design production in precision inspection south registering the production of the registering design production of the production of	1705.3 7. For specialty elements, perform			In accordance with		
and totals in accordance with the field inspection and testing construction accordance with the construction construction construction construction construction construction accordance with the construction construction construction accordance with the construction construction construction accordance with the construction construction construction accordance with the construction con	determined by the registered design professional in responsible charge	·	N	documents		
1. Observe diffiling operations and maintain complete on advanced records for each determination complete and accurate records for each determination of the control of the	and tests in accordance with the construction documents 1705.8 Cast-in-Place Deep	Field inspection and testing	N	construction		
2. Verlay his becomen to localizes and plumbness, confirm element dismeters, hell clameters (if applicable), length, embodrant adoquate ont-bearing strate applicable), length, whether additional inspections in additional inspection in add	Observe drilling operations and maintain complete and accurate	Field inspection	N	Continuous		
3. For concrote elements, perform additional impactions in secondance with Section 1705.3 4. Perform additional inspections of control	2. Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end-bearing strata capacity. Record concrete or grout	Field inspection	N	Continuous		
4. Perform additional inspections and testing of working the construction documents 1. Verify installation equipment, pile dimensions, tip elevations, final depth, final installation equipment, pile dimensions, tip elevations, final depth, final installation torque and other data is required 2. Perform additional inspections and testing of working the construction documents 2. Perform additional inspections and testing of working the construction documents 7. Perform additional inspections A continuous destination of the main working of working the first and the construction documents 7. Inspection of elements of the main windforce-resisting system 7. Inspection of alling, botting, and the first and	3. For concrete elements, perform additional inspections in	See Section 1705.3	N	See Section 1705.3		
1. Vertor, installation equipment, plid depth, final installation torque and other data is required 2. Perform additional inspections and testing accordance with be construction documents 4. Perform additional inspections and testing and tests in accordance with be construction documents 4. Perform additional inspections and testing of components with the construction documents 4. Inspection of field gluing operations of elements of the main windforce-resisting system 2. Inspection of naling, boiling, anchoring and other fastening of components within the main windforce-resisting system 4. Inspection of naling, boiling, anchoring and other fastening of components within the main windforce-resisting system 5. Inspection furing welding operations for Series at the main of the performance of of the performanc	4. Perform additional inspections and tests in accordance with the	Field inspection and testing	N	construction		
2. Perform additional inspections and testing of control to construction documents in the construction of control to the discontrol of the main windforca-resisting system of components within the main windforca-resisting system of components within the main windforca-resisting system of the main windforca windforca-resisting system of the main windforca-resisting system of the main windforca-resisting system of the main windforca windforca-resisting system of the main windforca-resisting system of the windforca-resisting sy	1. Verify installation equipment, pile dimensions, tip elevations, final depth, final installation torque and	Field inspection	N	Continuous		
Special Inspection of field gluing operations of elidements of the main windforce-resisting system 2. Inspection of neiling, bolting, anchoring and other fastening of components within the main windforce-resisting system 3. Shop (3) and field inspection N Periodic windforce-resisting system 1. Inspection during welding operations of elements of the main windforce-resisting system 1. Inspection during welding operations of elements of the main windforce-resisting system 1. Inspection during welding operations of elements of the main windforce-resisting system 1. Inspection of screw attachment bolting, anchoring and other fastening of components within the main windforce-resisting system 1. Roof cladding Shop (3) and field inspection N Periodic Shop (3) and field inspection N Periodic Periodic Inspection of screw attachment bolting, anchoring and other fastening of components Shop (3) and field inspection N Periodic Inspection of Selsmic Resistance Inspection of structural steel in accordance with AISC 341 Inspection of field gluing operations of elements of the seismic-force-resisting system 2. Inspection of field gluing operations of elements of the seismic-force-resisting system 1. Inspection of field gluing operations of elements of the seismic-force-resisting system 2. Inspection of field gluing operations of elements of the seismic-force-resisting system 1. Inspection of field gluing operations of elements of the seismic-force-resisting system 2. Inspection for seismic Resistance 1. Inspection of field gluing operations of elements of the seismic-force-resisting system 2. Inspection for seismic Resistance 1. Inspection of field gluing operations of elements of the seismic-force-resisting system 2. Inspection for seismic Resistance 2. Inspection for seismic Resistance 3. Shop (3) and field inspection N Periodic Resistance 1. Inspection of operations of elements of the seismic-force-resisting system 2. Inspection for series with elements of the seismic-force-resisting system	2. Perform additional inspections and tests in accordance with the	Field inspection and testing	N	construction		
windforce-resisting system 2. Inspection of nailing, botting, anchoring and other fastering of components within the main windforce-resisting system 1705.10.2 Cold-formed Steel Special Inspection For Wind Resistance 1. Inspection during welding operations of elements of the main windforce-resisting system 2. Inspection for Seriew attachment botting, anchoring and other fastering of components within the main windforce-resisting system 2. Wall cladding 2. Wall cladding 3. Shop (3) and field inspection 3. Shop (3) and field inspection 4. Periodic 4. Periodic 5. Periodic 6. Periodic 7. Periodic 7. Periodic 7. Periodic 8. Periodic 8. Periodic 8. Periodic 9. Per	Special Inspections For Wind Resistance 1. Inspection of field gluing operations of elements of the main	Field inspection	N	Continuous		
1705.10.2 Cold-formed Steel Special Inspections For Wind Resistance Shop (3) and field inspection N Periodic	2. Inspection of nailing, bolting, anchoring and other fastening of components within the main	·		-		
1. Inspection during welding operations of elements of the main windforce-resisting system 2. Inspections for screw attachment bolting, anchoring and other fastening of components within the main windforce-resisting system 3. Roof cladding 3. Shop (3) and field inspection 4. Periodic 5. Periodic 5. Periodic 6. Periodic 7. Periodic 8. Period	1705.10.2 Cold-formed Steel Special Inspections For Wind					
2. Inspections for screw attachment, bolting, anchoring and other fastening of components within the main windforce-resisting system 1705.10.3 Wind-resisting Components 1. Roof cladding Shop (3) and field inspection N Periodic	Inspection during welding operations of elements of the main	Shop (3) and field inspection	N	Periodic		
Components 1. Roof cladding Shop (3) and field inspection N Periodic 2. Wall cladding Shop (3) and field inspection N Periodic 1. Tot. 1.1. Structural Steel Special Inspections for Seismic Resistance Inspection of structural steel in accordance with AISC 341 1705.11.2 Structural Wood Special Inspection for Seismic Resistance 1. Inspection of field gluing operations of elements of the seismic-force resisting system 2. Inspection of nailing, botting, anchoring and other fastening of components within the seismic-force-resisting system 1705.11.3 Cold-formed Steel Light-Frame Construction Special Inspections for Seismic Resistance 1. Inspection during welding operations of elements of the seismic-force-resisting system 2. Inspection for Seismic Resistance 1706.11.3 Cold-formed Steel Light-Frame Construction Special Inspections for Seismic Resistance 1 Shop (3) and field inspection 1 N Periodic 1 Periodic	bolting, anchoring and other fastening of components within the		N	Periodic		
2. Wall cladding Shop (3) and field inspection N Periodic 1705.11.1 Structural Steel Special Inspection of Seismic Resistance Inspection of structural steel in accordance with AISC 341 1705.11.2 Structural Wood Special Inspection of Inspection of Seismic Resistance 1. Inspection of field gluing operations of elements of the seismic-force resisting system 2. Inspection of nailing, bolting, anchoring and other fastening of components within the seismic-force-resisting system 1705.11.3 Cold-formed Steel Light-Frame Construction Special Inspection for Seismic Resistance 1. Inspection during welding operations of elements of the seismic-force-resisting system Shop (3) and field inspection N Periodic N Periodic Periodic N Periodic	Components					
Resistance Inspection of structural steel in accordance with AISC 341 Inspection of structural Wood Special Inspections for Seismic Resistance 1. Inspection of field gluing operations of elements of the seismic-force resisting system 2. Inspection of nailing, bolting, anchoring and other fastening of components within the seismic-force-resisting system 1. Inspection of nailing, bolting, anchoring and other fastening of components of the seismic-force-resisting system Shop (3) and field inspection N Periodic N Periodic N Periodic Periodic N Periodic Shop (3) and field inspection of lements of the seismic-force-resisting system Shop (3) and field inspection of lements of the seismic-force-resisting system Shop (3) and field inspection of lements of the seismic-force-resisting system Shop (3) and field inspection N Periodic Periodic Periodic Periodic Periodic Inspection of screw attachment of the seismic-force-resisting and other fastening of components within the	Wall cladding Tructural Steel Special					•
Special Inspections for Seismic Resistance 1. Inspection of field gluing operations of elements of the seismic-force resisting system 2. Inspection of nailing, bolting, anchoring and other fastening of components within the seismic-force-resisting system 1. Top. 11.3 Cold-formed Steel Light-Frame Construction Special Inspections for Seismic Resistance 1. Inspection during welding operations of elements of the seismic-force-resisting system Shop (3) and field inspection N Periodic Periodic N Periodic N Periodic Shop (3) and field inspection N Periodic Periodic Shop (3) and field inspection N Periodic Periodic	Resistance Inspection of structural steel in accordance with AISC 341		N			
2. Inspection of nailing, bolting, anchoring and other fastening of components within the seismic-force-resisting system 1705.11.3 Cold-formed Steel Light-Frame Construction Special Inspections for Seismic Resistance 1. Inspection during welding operations of elements of the seismic-force-resisting system Shop (3) and field inspection N Periodic Periodic N Periodic Shop (3) and field inspection N Periodic Shop (3) and field inspection N Periodic Shop (3) and field inspection N Periodic	Special Inspections for Seismic Resistance 1. Inspection of field gluing operations of elements of the	Field inspection	N	Continuous		
1. Inspection during welding operations of elements of the seismic-force-resisting system Shop (3) and field inspection Shop (3) and field inspection N Periodic 1. Inspections for screw attachment, bolting, anchoring and other fastening of components within the	2. Inspection of nailing, bolting, anchoring and other fastening of components within the		N	Periodic		
1. Inspection during welding operations of elements of the seismic-force-resisting system Shop (3) and field inspection N Periodic 2. Inspections for screw attachment, bolting, anchoring and other fastening of components within the	1705.11.3 Cold-formed Steel Light-Frame Construction Special Inspections for Seismic					
bolting, anchoring and other fastening of components within the Shop (3) and field inspection N Periodic	Inspection during welding operations of elements of the		N	Periodic		
	bolting, anchoring and other fastening of components within the	Shop (3) and field	N	Periodic		·
Systems Verification	Inspect and verify that the component label, anchorage or mounting conforms to the certificate of compliance in accordance with	Field inspection	N	Periodic		

PROJECT	HEDULE OF SPECIA	<u>'- 114</u>			PROJECT	CHEDULE OF SPECIA			
MATERIAL / ACTIVITY	SERVICE	Y/N	APPLICAB EXTENT	LE TO THIS PROJECT AGENT* DATE COMPLETED	MATERIAL / ACTIVITY	SERVICE	Y/N	APPLICABLE TO THIS EXTENT AGENT*	PROJECT DATE COMPLETED
3. For high-load diaphragms, verify nominal size of framing members at adjoining panel edges, nail or staple					1705.11.5 Architectural Components Special Inspections for Seismic Resistance				
diameter and length, number of astener lines, and that spacing between fasteners in each line and at edge margins agree with	Field inspection	N	Periodic		1. Inspection during the erection and fastening of exterior cladding and interior and exterior veneer	Field inspection	N	Periodic	
approved building plans 1. Metal-plate-connected wood russes spanning 60 feet or greater:					Inspection during the erection and fastening of interior and exterior nonbearing walls	Field inspection	N	Periodic	
verify temporary and permanent estraint/bracing are installed in accordance with the approved truss submittal package	Field inspection	N	Periodic		Inspection during anchorage of access floors 1705.11.6 Mechanical and Electrical Components Special	Field inspection	N	Periodic	
1705.6 Soils 1. Verify materials below shallow					Inspections for Seismic Resistance 1. Inspection during anchorage of				
foundations are adequate to achieve the design bearing capacity. 2. Verify excavations are extended	Field inspection	Y	Periodic	1 .	electrical equipment for emergency or standby power systems 2. Inspection during the anchorage	Field inspection Field inspection	N	Periodic Periodic	
to proper depth and have reached proper material. 3. Perform classification and testing	Field inspection	Y	Periodic	1 .	of other electrical equipment 3. Inspection during installation and anchorage of piping systems	<u> </u>	N		·
of controlled fit materials. 4. Verify use of proper materials, densities, and lift thicknesses	Field inspection Field inspection	Y	Periodic Continuous	1	designed to carry hazardous materials, and their associated mechanical units 4. Inspection during the installation	Field inspection	N	Periodic	
during placement and compaction of controlled fill 5. Prior to placement of controlled fill, observe subgrade and verify	·				and anchorage of HVAC ductwork that will contain hazardous materials	Field inspection	N	Periodic	
that site has been prepared properly 1705.7 Driven Deep Foundations	Field inspection	Y	Periodic	1 .	5. Inspection during the installation and anchorage of vibration isolation systems	Field inspection	N	Periodic	
Verify element materials, sizes and lengths comply with requirements	Field inspection	N	Continuous		1705.11.7 Storage Racks Special Inspection for Seismic Resistance Inspection during the anchorage of				
Determine capacities of test elements and conduct additional load test, as required	Field inspection	N	Continuous		storage racks 8 feet or greater in height	Field inspection	N	Periodic	
Observe driving operations and maintain complete and accurate records for each element Verify placement locations and	Field inspection	N	Continuous		1705.11.8 Seismic Isolation Systems Inspection during the fabrication and installation of isolator units and				
plumbness, confirm type and size of hammer ,record number of blows per foot of penetration, determine	Field inequation	N	Continuous		energy dissipation devices used as part of the seismic isolation system 1705.12.1 Concrete	Shop and field inspection	N	Periodic	·
required penetrations to achieve design capacity, record tip and butt elevations and document any damage to foundation element	Field inspection	N	Continuous		Reinforcement Testing and Qualification for Seismic Resistance				
5. For steel elements, perform additional inspections per Section 1705.2	See Section 1705.2	N	See Section 1705.2		Review certified mill test reports for each shipment of reinforcement used to resist earthquake-induced				
6. For concrete elements and concrete-filled elements, perform additional inspections per Section 1705.3	See Section 1705.3	N	See Section 1705.3		flexural and axial forces in reinforced concrete special moment frames, special structural walls, and coupling beams connecting special	Review certified mill test reports	N	Each shipment	
7. For specialty elements, perform additional inspections as determined by the registered design	Field inspection	N	In accordance with construction documents		structural walls 2. Verify reinforcement weldability of ASTM A615 reinforcement used				
professional in responsible charge 8. Perform additional inspections and tests in accordance with the construction documents	Field inspection and testing	N	In accordance with construction documents		to resist earthquake-induced flexural and axial forces in reinforced concrete special moments frames, special structural	Review test reports	N	Each shipment	
1705.8 Cast-in-Place Deep Foundations 1. Observe drilling operations and			documents		walls, and coupling beams connecting special structural walls				
maintain complete and accurate records for each element 2. Verify placement locations and plumbness, confirm element	Field inspection	N	Continuous		1705.12.2 Structural Steel Testing and Qualification for Seismic Resistance Test in accordance with the quality	Chan (2) and field testing		D., 4005 7	
diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end-bearing strata	Field inspection	N	Continuous		assurance requirements of AISC 341 1705.12.3 Seismic Certification of Nonstructural Components	Shop (3) and field testing	N	Per ASCE 7	·
capacity. Record concrete or grout volumes 3. For concrete elements, perform	See Seetion 1705 2		See Section 1705.3		Review certificate of compliance for designed seismic system components	Certificate of compliance review	N	Each submittal	·
additional inspections in accordance with Section 1705.3 4. Perform additional inspections and tests in accordance with the	See Section 1705.3 Field inspection and testing	N N	In accordance with construction		1705.12.4 Seismic Isolation Systems Test seismic isolation systems in accordance with ASCE 7, Section	Prototype testing	N	Per ASCE 7	
construction documents 1705.9 Helical Pile Foundations 1. Verify installation equipment, pile			documents		17.8 1705.13 Sprayed Fire-resistant	Prototype testing	IN	FEI AGOL 1	·
dimensions, tip elevations, final depth, final installation torque and other data is required	Field inspection	N	Continuous		Materials 1. Verify surface condition preparation of structural members	Field inspection	N	Periodic 1	
Perform additional inspections and tests in accordance with the construction documents	Field inspection and testing	N	In accordance with construction documents	·	Verify application of sprayed fire-resistant materials Verify average thickness of	Field inspection	N	Periodic 1	
1705.10.1 Structural Wood Special Inspections For Wind Resistance 1. Inspection of field gluing					sprayed fire-resistant materials applied to structural members 4. Verify density of sprayed	Field inspection	N	Per IBC Section	·
operations of elements of the main windforce-resisting system 2. Inspection of nailing, bolting,	Field inspection	N	Continuous		fire-resistant material complies with approved fire-resistant design 5. Verify the cohesive/adhesive bond strength of the cured sprayed	Field inspection and testing Field inspection and testing	N	1705.13.5 1 Per IBC Section	·
anchoring and other factoning of	Shop (3) and field inspection	N	Periodic		fire-resistant material 1705.14 Mastic and Intumescent Fire-resistant Coatings	rield inspection and testing	N	1705.13.6	·
1705.10.2 Cold-formed Steel Special Inspections For Wind Resistance					Inspect mastic and intumescent fire-resistant coatings applied to structural elements and decks	Field inspection	N	Periodic	
windforce-resisting system	Shop (3) and field inspection	N	Periodic		1705.15 Exterior Insulation and Finish Systems (EIFS) 1.Verify materials, details and				
2. Inspections for screw attachment, bolting, anchoring and other fastening of components within the main windforce-resisting system	Shop (3) and field inspection	N	Periodic		installations are per the approved construction documents 2. Inspection of water-resistive	Field inspection	N	Periodic	
1705.10.3 Wind-resisting Components					barrier over sheathing substrate 1705.16 Fire-resistant Penetrations and Joints	Field inspection	N	Periodic 1	·
	Shop (3) and field inspection Shop (3) and field inspection	N N	Periodic Periodic		Inspect penetration firestop Inspect fire-resistant joint systems	Field testing Field testing	N N	Per ASTM E2174 Per ASTM E2393	
Inspections for Seismic Resistance Inspection of structural steel in	Shop (3) and field	.,	In accordance with		1705.17 Smoke Control Systems 1. Leakage testing and recording of				
accordance with AISC 341 1705.11.2 Structural Wood Special Inspections for Seismic	inspection	N	AISC 341	·	device locations prior to concealment	Field testing	N	Periodic	
Resistance 1. Inspection of field gluing operations of elements of the seismic-force resisting system	Field inspection	N	Continuous		2. Prior to occupancy and after sufficient completion, pressure difference testing, flow measurements, and detection and	Field testing	N	Periodic	
2. Inspection of nailing, bolting, anchoring and other fastening of components within the seismic-force-resisting system	Shop (3) and field inspection	N	Periodic		control vertification				
1705.11.3 Cold-formed Steel Light-Frame Construction Special Inspections for Seismic					* INSPECTION AGENTS 1. Materials testing laboratory to be	FIRM determined.		ADDRESS	TELEPHONE NO
Resistance 1. Inspection during welding	Shop (3) and field				2. 3.				
operations of elements of the seismic-force-resisting system	inspection	N	Periodic		subcontractor whose we	ork is to be inspected or tested	. Any co	e Owner or the Owner's Agent, and nflict of interest must be disclosed to	the Building Official
2. Inspections for screw attachment, bolting, anchoring and other fastening of components within the seismic-force-resisting system	Shop (3) and field inspection	N	Periodic		approval of the Building 2. The list of Special Ins 3. Special Inspections a IBC Section 1704.2.5.2.	Official and/or the Design Properties of the pectors may be submitted as a securified by Section 1704.2.5	fessional a separat 5 are not	te document, if noted so above. required where the fabricator is appi	roved in accordance with
1705.11.4 Designated Seismic Systems Verification					4. Observe on a randon welded joint, bolted con	n basis, operations need not be nection, or steel element.		d pending these inspections. Perform by be performed by that fabricator wh	
Inspect and verify that the component label, anchorage or mounting conforms to the certificate	Field inspection	N	Periodic		Encircle "Yes" or "No" as appropr Are Requirements for Seismic Resis				es No es No





Life Storage #230 Self Storage Phase I

PROJECT NUMBER 201941

bennett&pless 8

Experience Structural Expertise
Atlanta, Boca Raton, Charlotte, Chattanooga,
Knoxville, Nashville, Orlando

1964 — 2020 Celebrating 56 Years of Structural Excellence

47 Perimeter Center East, Suite 500
Atlanta, Georgia 30346
Tel. 678 990 8700 Fax. 678 990 8701
Copyright 2020 — Bennett & Pless, Inc.
All Rights Reserved
B & P Job Number 20.00.061

SHEET NUMBER