

a: 45 Beechwood Drive N. Andover, MA 01845 p: 978.557.5553 f: 978.336.5586

Statement of Special Inspections

Project:	4PB0247A PB247/I	Roosevelt Arms		
Location:	226 Stephens Ave	e. Portland, ME		
Owner:	T-Mobile Northea	st LLC		
Design Professional in Responsible Charge:	Daniel P. Hamm, P.	E., Hudson Design (Group, LLC	
This Statement of Special In Special Inspection and Struct Inspection services applicable identity of other approved of of Special Inspections encor	ctural Testing requiren ble to this project as w agencies to be retain apasses the follow <u>in</u> g	nents of the Building ell as the name of the ed for conducting the disciplines: Mechanical/Electrice	Code. It includes a e Special Inspection (ese inspections and tall)	schedule of Special Coordinator and the
The Special Inspection Coor the Building Official and the shall be brought to the imm corrected, the discrepancie Professional in Responsible C her responsibilities.	 Registered Design P nediate attention of s shall be brought to t 	rofessional in Respon the Contractor for co he attention of the Bu	sible Charge. Discovorrection. If such dis uildina Official and th	vered discrepancies screpancies are not ne Reaistered Design
Interim reports shall be subm Charge.	nitted to the Building	Official and the Regi	stered Design Profess	sional in Responsible
A Final Report of Special Ins correction of any discrepand Use and Occupancy.	pections documentin cies noted in the insp	ng completion of all r ections shall be subm	required Special Insp nitted prior to issuanc	ections, testing and e of a Certificate of
Job site safety and means ar	nd methods of constru	uction are solely the r	esponsibility of the Co	ontractor.
Frequency: Prepared by:	pon Completion of	Project	or per attached schedule.	
Daniel P. Hamm, P.E. (type or print name)			DANIEL P.	
signature M	~	12/13/17 Date	* HAMM No. 10344	WEER *
Project Owner's Authorization	1:	Building Official's Ac		al Seal
iignature	Date	Signature		Date

Referenced Standards

(IBC) 2009 (TIA-222-G) Structural Standard for Steel Antenna Towers and Antenna Supporting Structures, Revision G (AISC) American Institute for Steel Construction, 13 th Edition (ASTM) American Society for Testing and Materials (ACI-318) Building Code Requirements for Structural Concrete (ACI-347) Guide to Formwork Concrete (ACI-301) Placement of Concrete (AWS) American Welding Society (NEC) National Electrical Code (FCC) Federal Communications Commission Rules and Regulations Form 715					
nt of Special Inspections / Quality Assu Soils and Foundations Cast-in-Place Concrete Precast Concrete Masonry Structural Steel Cold-Formed Steel Framing	rance Pla Spro Woo Exte		ling systems:		

Special Inspection Agencies	Firm	Address, Telephone, e-mail
Special Inspection Coordinator	Hudson Design Group, LLC Daniel P. Hamm, P.E.	45 Beechwood Drive North Andover, MA 01845 daniel.hamm@hudsondesigngrouplic.com (978)557-5569
2. Inspector	Hudson Design Group, LLC Derek Creaser, P.E.	45 Beechwood Drive North Andover, MA 01845 derek.creaser@hudsondesigngroup/lc.com (978)557-5569
3. Inspector	Hudson Design Group, LLC Mark McClusky, P.E.	45 Beechwood Drive North Andover, MA 01845 mcclusky@hudsondesigngroupllc.com (978)557-5569

Note: The inspectors and testing agencies 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.

Quality Assurance Plan

Quality Assurance for Seismic Resistance

Seismic Design Category

В

Quality Assurance Plan Required (Y/N)

N/A

Description of seismic force resisting system and designated seismic systems:

Not applicable, does not control

Quality Assurance for Wind Requirements

Basic Wind Speed **Roof** (3 sec. gust)

100 mph

Basic Wind Speed **Ground** (3 sec. gust)

110 mph

Wind Exposure Category

В

Quality Assurance Plan Required (Y/N)

N

Description of wind force resisting system and designated wind resisting components:

Steel Mast Designed in accordance with:

- TIA 222-G Structural Standards for Steel Antenna Towers: (100 mph 3 second gust)
- American Institute for Steel Construction, 13th Edition

Roof mounted equipment: steel designed in accordance with:

- IBC 2009: (110 mph 3 second gust)
- American Institute for Steel Construction, 13th Edition

Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated above must submit a Statement of Responsibility.

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 PE/GE Structural Engineer – a licensed SE or PE specializing in the design of building structures Geotechnical Engineer – a licensed PE specializing in soil mechanics and foundations

EIT

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-CWI

Certified Welding Inspector

AWS/AISC-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-SFSI

Spray-Applied Fireproofing 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

Exterior Design Institute (EDI) Certification

EDI-EIFS

EIFS Third Party Inspector

Other

SPECIAL INSPECTION AND TESTING ITEMS REQUIRED BY CHAPTER 17 OF THE 2009 IBC

Indicate items requiring special inspection or structural testing by checking the appropriate box. All items not requiring inspection/testing should be removed from the form. For items requiring continuous inspection, a special inspector must be present onsite during the performance of that task. In most cases "periodic" inspections/tests shall be performed prior to commencing the task, intermittently during the task, and at the completion of the task. The "Detailed Instructions & Frequency" provides a description of the presumed requirements for tasks requiring "periodic" inspections. The design professional in responsible should revise the requirements as needed on a project-specific basis.

FABRICATORS (IBC 1704.2)

Approved Fabricator	Yes No		□ Unap Fabricate		Yes	No	
Fabricators Name:			.,,				
Fabricators plant location							
Required In-plant [Inspections [Steel Construction Cold-formed Construction	-	Concrete onstruction Other:	Ot!	Wood Cons	truction	
STEEL CONSTRUCTION	ON (IBC 1704	4.3, 1707.	2 & 1708.	3)			
WELDING (1704.3.1)	Frequency		Inspector	Detailed Inst	ructions an	d Frequencies	s
Complete & partial penetration groove welds		Periodic	N/A				
Multi-pass fillet welds		Periodic	N/A				
Single-pass fillet welds > 5/16"		Periodic	N/A				
Plug, slot, seam or flange welds		Periodic	N/A				
Single-pass fillet welds ≤ 5/16"	Continuous	Periodic	N/A	Pre-welding in performed to		e to be proper material	ls
Floor & roof deck welds	Continuous		N/A	(i.e. structural etc.), welding	procedures,	, and welding	
Shear connector (i.e. stud) welds	Continuous		N/A	visual inspecti	on of all weld		
Cold-formed steel welds	Continuous		N/A	provided with of work in prog		oections made	•
Welds of stairs & railing systems	Continuous	⊠ Periodic	N/A				
DETAILS OF STEEL FRAME (17	704.3.2)						
Member locations, bracing gusset plates, stiffeners and other connection components		Periodic	2,3	compliance w documents, su	vith the appro uch as bracir and loc, and	ng, stiffening, proper appl. of	

HIGH-STRENGTH BOLTING (17	04.3.3)		Inspector	Detailed Instructions and Frequencies
Pretensioned & slip-critical joints	Continuous	Periodic	N/A	For periodic inspections one of the following methods must be used: (1) turn-of-nut method w/ match-marking, (2) direct tension indicator method or (3) the alternate design fastener (i.e. twist-off bolt method (see Section 9.2 of 2009 RCSC Specification).
Snug-tightened joints	Continuous	Periodic	2,3	Verify that all joints use proper fastener components, connected elements are fabricated properly, the bolted joint is drawn into firm contact, and that the nuts cannot be removed without the use of a wrench (see Section 9.1 of 2009 RCSC Specification).
STRUCTURAL STEEL (IBC 1707.2	& 1708.3)			
Visual inspection prior to welding	Continuous		N/A	
Visual inspection during welding	Continuous		N/A	
Visual inspection after welding		⊠ Periodic	N/A	Verify that welds are clean; welder identification is legible; size, length and location of welds; verify that welds meet acceptance criteria; placement of reinforcement fillets; removal of backing bars and weld tabs as required; and repair activities (see Section Q5.1 of AISC 341-05).
Nondestructive testing			N/A	300 000 1011 QO.1 01 713C 041 00).
Inspection prior to bolting			N/A	
Inspection during bolting	Continuous		N/A	
nspection after bolting		Periodic	2,3	Document accepted and rejected connections (see Section Q5.3 of AISC 341-05).
Reduced beam sections (RBS)		Periodic	N/A	Verify contour and finish as well as dimensional tolerances (see Section Q5.4 of AISC 341-05).
Protected zones		Neriodic	N/A	Verify that no holes or unapproved attachments are made within the protected zone (see Section Q5.4 of AISC 341-05).

CONCRETE CONSTRUCTION (IBC 1704.4 & 1708.2)						
Item	Frequency		Inspector	Detailed Instructions and Frequencies		
Reinforcing steel, including prestressing tendons	Continuous	Periodic	N/A	Verify prior to placing concrete that reinforcing is of specified type, grade and size; that it is free of oil, dirt and rust; that it is located and spaced properly; that hooks, bends, ties, stirrups and		

Wolding of roinforning stool		M	NG	supplemental reinforcement are placed correctly; that lap lengths, stagger and offsets are provided; and that all mechanical connections are installed per the manufacturer's instructions and/or evaluation report.
Welding of reinforcing steel	Continuous	Periodic	N/A	Verify weldability of reinforcing steel other than A706. Continuous inspection is required for welding of reinforcing steel used in intermediate or special concrete moment frames, boundary elements of special structural walls or shear reinforcement.
Cast-in bolts & embeds	Continuous	Periodic	N/A	
Post-installed anchors or dowels	Continuous	Periodic	N/A	All post-installed anchors/dowels shall be specially inspected as required by the approved ICC-ES report.
Use of required mix design	Continuous	Periodic	N/A	Verify that all mixes used comply with the approved construction documents; ACI 318: Ch. 4, 5.2-5.4; and IBC 1904.3, 1913.2, 1913.3.
Concrete sampling for strength tests, slump, air content, and temperature		Periodic	N/A	74
Concrete & shotcrete placement	□ □	Periodic	N/A	
Curing temperature and techniques Pre-stressed concrete	Continuous	Periodic	N/A	Verify that the ambient temperature for concrete is kept at > 50°F for at least 7 days after placement. High-early-strength concrete shall be kept at > 50°F for at least 3 days. Accelerated curing methods may be used (see ACI 318: 5.11.3). The ambient temperature for shotcrete shall be > 40°F for the same period of time as noted for concrete. Shotcrete shall be kept continuously moist for at least 24 hours after shotcreting. All concrete materials, reinforcement, forms, fillers, and ground shall be free from frost. In hot weather conditions ensure that appropriate measures are taken to avoid plastic shrinkage cracking and that the specified water/cement ratio is not exceeded.
	Continuous	Periodic	N/A	
Erection of precast concrete	Continuous	Periodic	N/A	Verify that all precast elements are lifted, assembled and braced in accordance with the approved construction documents.
Strength verification	Continuous	Neriodic	N/A	Verify that adequate strength has been achieved prior to the removal of shores and forms or the stressing of posttensioned tendons.

Formwork	Continuous	⊠ Periodic	N/A	Verify that the forms are placed plumb and conform to the shapes, lines, and dimensions of the members as required by the approved construction documents.
Reinforcement in special moment frames, special structural walls and coupling beams	Continuous	⊠ Periodic	N/A	Verify that ASTM A 615 reinforcing steel used in these areas complies with ACI 318: 21.1.5.2 by means of certified mill test reports. If this reinforcing steel is to be welded chemical tests shall be performed in accordance with ACI 318: 3.5.2.

MASONRY CONSTRU	MASONRY CONSTRUCTION (IBC 1704.5)						
Item	Frequency		Inspector	Detailed Instructions and Frequencies			
Review material certificates, mix designs, test results and construction procedures	Continuous	Periodic	N/A	It shall be confirmed that materials used conform to the requirements of the approved construction documents. Mortar mix designs shall show compliance with the proportion or property specification of ASTM C270. Grout shall comply with the proportion or strength requirements of ASTM C476 or be based upon compressive strength tests in accordance with ASTM C1019. Material certificates shall be provided for the following: reinforcement; anchors, ties, fasteners, and metal accessories; masonry units; mortar and grout materials. Construction procedures for cold-weather or hot-weather construction shall be reviewed.			
Verify f' _m and f' _{AAC} prior to construction	Continuous	Periodic	N/A	Determine the compressive strength for each wythe by the "unit strength method" or by the "prism test method" as specified in Section 1.4B of ACI 530.1-08 prior to construction. For Occupancy Category IV this should be verified at every 5,000ft ² of construction.			
Self-consolidating grout		Periodic	N/A				
Grout placement	□ □	Periodic	N/A				
Preparation of required grout specimens, mortar specimens and/or prisms shall be observed	Continuous	Periodic	N/A	If the prism test method is used a minimum of three prisms shall be constructed in accordance with ASTM C1314. If the unit strength method is selected the compressive strength of the grout shall be determined per ASTM C1019 (not required if grout complies with ASTM C476). Continuous inspection required for Occupancy Category IV structures.			
Post-installed anchors or dowels	Continuous	Periodic	N/A	All post-installed anchors/dowels shall be specially inspected as required by the approved ICC-ES report.			

DRIGHT TO CHOUSE				
PRIOR TO GROUTING:				
Grout space is clean	Continuous	Periodic	N/A	Verify that grout space is free of mortar droppings, debris, loose aggregate, and material deleterious to masonry grout. Continuous inspection required for Occupancy Category IV structures.
Placement of reinforcement an connectors, and prestressing tendons and anchorages	Continuous	Periodic	N/A	Verify that reinforcement, joint reinforcement, wall ties, anchor bolts and veneer anchors are installed in accordance with Section 3.4 of ACI 530.1-08.
Proportions of site- prepared grout and prestressing grout	Continuous	Periodic	N/A	Verify that grout is proportioned per ASTM C476 and has a slump between 8-11 inches. Self-consolidated grout shall not be proportioned onsite.
AS MASONRY CONSTRUCTIO	N BEGINS:			
Proportions of site- prepared mortar	Continuous	Periodic	N/A	Ensure that mortar that begins to stiffen or is not used within 2½ hours is discarded. No admixtures containing > 0.2% chlorides shall be used. Jobsite pigments shall meet the limitations of Section 2.6A of ACI 530.1-08.
Construction of mortar joints	Continuous	Neriodic	N/A	Unless specified otherwise construct 3/8" bed and head joints, except at foundation or glass unit masonry. Bed joint at foundation shall be >1/4" and ≤ 3/4". Tool joints with a round jointer when mortar is thumbprint hard. Remove masonry protrusions extending ≥ 1/2" into cells to be grouted. Solidly fill collar joints < 3/4" with mortar during construction.
Location of reinforcement, connectors, prestressing tendons and anchorages	Continuous	Neriodic	N/A	Verify compliance with approved construction documents. Do not place dissimilar metals in contact with each other. Prestressing tendon placement shall conform to Section 3.6A of ACI 530.1-08.
Prestressing technique	Continuous	Neriodic	N/A	The pre-stressing force at each tendon shall be verified by two methods: (1) measuring the steel elongation and (2) the observed jacking force applied to the tendon. The measured elongation should be compared to the load-elongation curves for the prestressing steel used and not more than a 5% difference should be found when comparing to the actual force applied. A 7% difference is allowed for post-tensioned tendons. (See Section 3.6B of ACI 530.1-08)
Grade and size of prestressing tendons and anchorages	Continuous	Neriodic	N/A	Confirm that anchorages and couplers are capable of developing 95% of the specified breaking strength of the prestressing tendons. Confirm that tendons meet the requirements of Section 2.4B in ACI 530.1-08.
DURING CONSTRUCTION:				
Size and location of structural elements	Continuous	□ Periodic □	N/A	Verify that structural elements are placed in locations specified on the approved

P	14-			
				construction documents and to the tolerances noted in Section 3.3F of ACI 530.1-08.
Type, size and location of anchors and other details of masonry anchorages to structural members	Continuous	Periodic	N/A	Verify that structural elements are placed in locations specified on the approved construction documents. Headed or bent bar anchor bolts shall be embedded in grout. Continuous inspection required for Occupancy Category IV structures.
Size, grade and type of reinforcement, prestressing tendons and metal accessories	Continuous	Periodic	N/A	Verify that materials meet the requirements of Section 2.4 of ACI 530.1-08. All reinforcement shall be placed in grout with minimum grout cover of 1/2" for coarse grout and 1/4" for fine grout. Verify that reinforcement protection, standard hooks and minimum bend diameters comply with Section 1.15 of ACI 530-08.
Welding of reinforcing bars	□ □	Periodic	N/A	
Preparation, construction and protection of masonry during cold or hot weather construction	Continuous	Neriodic	N/A	When the ambient air temperature is <40°F ensure that construction complies with Section 1.8C of ACI 530.1-08. When the ambient air temperature is >100°F, or >90°F with a wind velocity >8mph, ensure that construction complies with Section 1.8D of ACI 530.1-08.
Application and measurement of prestressing force	Continuous	Periodic	N/A	
OCCUPANCY CATEGORY IV:				·
Verification of proportions of materials in premixed or pre-blended mortar and grout as delivered to the site	Continuous	Periodic	N/A	Verify that proportions for mortar meet ASTM C270 and proportions for grout meet ASTM C476.
Placement of masonry units	Continuous	Periodic	N/A	Verify that face shells and head joints are fully mortared and that vertical cells are aligned and unobstructed openings for grout are provided. All units are to be clean and placed while mortar is soft and plastic. Review Section 3.3B(5) for requirements at glass units.

WOOD CONSTRUCTION (IBC 1704.6, 1706.2 & 1707.3)						
Item	Frequency	Frequency		Detailed Instructions and Frequencies		
High-load diaphragms	Continuous		N/A	Verify appropriate sheathing, framing members at panel edges and fasteners are used. Performed by code inspection firm.		
Wood trusses spanning > 60-feet	Continuous	Periodic	N/A	Verify that temporary and permanent truss bracing is installed in accordance with approved truss package. Performed by code inspection firm.		
Structural wood			N/A	If fastener spacing is < 4"o.c.: Verify that		

	Continuous	Periodic		proper nailing, bolting, anchoring and other fastening of shearwalls, diaphragms, drag struts, braces, shear panels and holdowns has occurred. Performed by code inspection firm.
SOILS CONSTRUCTION	ON (IBC 170	04.7)		
Item	Frequency		Inspector	Detailed Instructions and Frequencies
Verify subgrade is adequate to achieve design bearing capacity	Continuous		N/A	Prior to placement of concrete.
Verify excavations extend to proper depth and material	Continuous		N/A	Prior to placement of compacted fill or concrete.`
Verify that subgrade has been appropriately prepared prior to placing compacted fill	Continuous	Periodic	N/A	Prior to placement of compacted fill.
Perform classification and testing of compacted fill materials	Continuous	Periodic	N/A	All materials shall be checked at each lift for proper classifications and gradations not less than once for each 10,000ft ² of surface area.
Verify proper materials, densities and lift thicknesses during placement and compaction.	Continuous	Periodic	N/A	
DRIVEN DEEP FOUND	DATIONS (II	BC 1704.	8)	
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Item	Frequency		Inspector	Detailed Instructions and Frequencies
Verify materials, sizes and lengths	Continuous	<u> </u>	N/A	
Determine capacities and conduct necessary load tests	Continuous	Periodic	N/A	
Observe drilling operations	□ Continuous	Periodic	N/A	
Verify placement locations & plumbness, confirm type & size of hammer, record number of blows per foot, record tip and butt elevations and document any damage to element	⊠ Continuous	Periodic	N/A	
Perform additional inspections for steel, concrete or other specialty elements	Continuous	Periodic	N/A	Steel per IBC 1704.3 Concrete per IBC 1704.4 Specialty items per registered design

Observe drilling operation and reporting	Continuous	 Periodic	N/A	
Verify placement locations & plumbness, confirm element diameters, lengths, embedment and adequate end-bearing capacity. Record concrete or grout volumes.	Continuous	Periodic	N/A	
Perform additional inspections for concrete elements.	Continuous	Periodic	N/A	Concrete per IBC 1704.4
HELICAL PILE FOUND		3C 1704.		
Item	Frequency		Inspector	Detailed Instructions and Frequencies
Record installation equipment used, pile dimensions, tip elevations, final depth and final installation torque	Continuous	Periodic	N/A	
Verify that helical piles used match the approved submittal	Continuous	Periodic	N/A	
SPRAYED FIRE-RESIST		RIALS (IB		
Item	Frequency		Inspector	Detailed Instructions and Frequencies
Surface preparation	Continuous	Periodic	N/A	Prior to application confirm that surface has been prepared per the approved fire-resistance design and manufacturer's instructions.
Material thickness	L Continuous	Periodic	N/A	Samples shall be taken from selected floor, roof and wall assemblies and structural members. No more than 10% of the samples shall be less than the thickness required by the fire-resistance design.
Material density	Continuous	Neriodic	N/A	Density tests shall be performed in accordance with ASTM E 605 for every 2,500ft ² of floor, roof or wall area. One sample must also be provided for each beam, girder, truss or column at each story.
Bonding strength	Continuous	Periodic	N/A	Bond strength tests shall be performed in accordance with ASTM E 736 for every 2,500ft² of floor, roof or wall area. One

Detailed Instructions and Frequencies

CAST-IN-PLACE DEEP FOUNDATIONS (IBC 1704.9)
Item Frequency Inspector C

ltem	Frequency		Inspector	Detailed Instructions and Frequencies
Surface preparation	Continuous		N/A	Prior to application confirm that surface temperature and substrate are acceptable and that a compatible primer is used.
Thickness	Continuous	Periodic	N/A	Record thickness of primer or other existing coating on substrate prior to application of coating. Final thickness of coating must be conducted in multiple locations prior to application of top coat (see AWCI Technical Manual 12-B).

EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS) (IBC 1704.142)					
item	Frequency		Inspector	Detailed Instructions and Frequencies	
Material and installation	Continuous	Periodic	N/A	Verify that water-resistive barrier is installed appropriately over a sheathing substrate. Performed by code inspection firm. (Not required if applied over concrete, masonry, or if a means of draining moisture to exterior is provided.)	

SPECIAL CASES (IBC 1704.15) – material alternatives or unusual design applications				
Item	Frequency		Inspector	Detailed Instructions and Frequencies
Material and installation		⊠ Periodic	N/A	Per design professional in responsible charge or report from an accepted accreditation agency (i.e. ICC-ES).

SMOKE CONTROL (IBC 1704.16)						
Item	Frequency		Inspector	Detailed Instructions and Frequencies		
Verify device locations and perform leakage testing	perform leakage Continuous Periodic	N/A	During erection of ductwork and prior to concealment. As defined by rational analysis.			
Pressure difference testing, flow measurements and detection and control verification	Continuous	Periodic	N/A	Prior to occupancy and after sufficient completion. As defined by rational analysis.		

COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION (IBC 1704.3.4, 1706.3 & 1707.4)					
Item	Frequency		Inspector	Detailed Instructions and Frequencies	
Trusses spanning > 60-feet	Continuous	Periodic	N/A	Verify that temporary and permanent truss bracing is installed in accordance with approved truss package. Performed by code inspection firm.	

Wind-force-resisting			N/A	Periodic inspections of welding operations. If
systems or seismic-force-	Continuous	Periodic		fastener spacing is < 4"o.c.: Verify that
resisting systems				proper screw attachment, bolting,
				anchoring and other fastening of
				shearwalls, diaphragms, drag struts, braces,
				shear panels and holdowns has occurred.
				Performed by code inspection firm.

STORAGE RACKS & ACCESS FLOORS (IBC 1707.5)				
Item	Frequency		Inspector	Detailed Instructions and Frequencies
Verify anchorage	Continuous	Periodic	N/A	Verify that anchorage complies with approved construction documents. Inspection of post-installed anchors shall comply with approved ICC-ES report. Performed by code inspection firm.

ARCHITECTURAL COMPONENTS (IBC 1707.6)					
Item	Frequency		Inspector	Detailed Instructions and Frequencies	
Erection and fastening of exterior cladding or interior and exterior veneers	Continuous	Neriodic	N/A	Verify appropriate materials, fasteners and attachment at commencement of work and at completion. Performed by code inspection firm. (Not required if < 30 feet or less than 5psf).	
Erection and fastening of interior and exterior nonbearing walls	Continuous	Periodic	N/A	Verify appropriate materials, fasteners and attachment at commencement of work and at completion. Performed by code inspection firm. (Not required if < 30 feet or for interior walls < 15psf).	

MECHANICAL & ELECTRICAL COMPONENTS (IBC 1707.7, 1707.8 & 1708.4)					
Item	Frequency		Inspector	Detailed Instructions and Frequencies	
Anchorage of emergency or standby power systems	Continuous		N/A	Verify that anchorage complies with approved construction documents. Performed by code inspection firm.	
Installation of piping systems carrying flammable, combustible or highly toxic materials	Continuous	Periodic	N/A	Verify that installation and restraint comply with approved construction documents. Performed by code inspection firm.	
Installation of HVAC ductwork containing hazardous materials	Continuous		N/A	Verify that installation and restraint comply with approved construction documents. Performed by code inspection firm.	
Installation of vibration isolation systems having a clearance of ≤1/4"	Continuous	Periodic	N/A	Verify that installation complies with approved construction documents and manufacturer's recommendations. Performed by code inspection firm.	
Designated seismic systems			N/A	Confirm that manufacturer's certificate of compliance conforms to the requirements of Section 13.2.1 of ASCE 7-05. Verify that the label, anchorage or mounting conforms	

				to the manufacturer's certificate of compliance. Performed by code inspection firm.
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SEISMICALLY ISOLAT	FED STRUCT	URES (IB	C 1707.9	& 1708.5)
Item	Frequency	01120 (12	Inspector	Detailed Instructions and Frequencies
Prototype tests	 		N/A	Prototype tests shall be performed on
	Continuous	Periodic	14/1	selected samples prior to construction in accordance with Section 17.8 of ASCE 7-05.
Fabrication and installation	Continuous	Periodic	N/A	Verify that fabrication and installation of isolators conforms to manufacturer's recommendations.
	_			
MISCELLANEOUS AR	-y			
Item	Frequency		Inspector	Detailed Instructions and Frequencies
Suspended Ceiling Grid Clips	Continuous	Periodic	N/A	Performed by code inspection firm.
Suspended Ceiling wire spacing (Seismic)	Continuous	Periodic	N/A	Performed by code inspection firm.
Soils backfill (specify locations and frequency)	Continuous	Periodic	N/A	
Soils for curb and gutter (specify locations and frequency)	Continuous	Periodic	N/A	
Soils for parking lots (specify locations and frequency)	Continuous	Periodic	N/A	
Soils for utility trench backfill	Continuous	Periodic	N/A	
Reinforcement for slab on grade sidewalks and drive approaches (specify locations and frequency)	Continuous	Periodic	N/A	
Reinforcement for interior slab on grade (specify locations and frequency)	Continuous	Periodic	N/A	
Concrete testing for slab on grade sidewalks and drive approaches (specify locations and frequency)	Continuous	Periodic	N/A	
Concrete testing for interior slab on grade (specify locations and frequency)	Continuous	Periodic	N/A	
Asphalt inspection (specify locations and frequency)	Continuous	Periodic	N/A	
Asphalt testing (specify locations and frequency)	Continuous	Periodic	N/A	
Steam and water line welding (specify locations and frequency)	Continuous	Periodic	N/A	

	Seismic supports for duct			N/A		
	work and sealing of joints	Continuous	Periodic			
	for duct work					
	Seismic supports for			N/A		
	electrical raceways, cable	Continuous	Periodic			
	trays and lights					
	Seismic supports for			N/A		
	plumbing lines including	Continuous	Periodic		Í	
	gas, water and steam and					
	condensation					
ĺ	Seismic bracing for			N/A		
I	mechanical units both on	Continuous	Periodic			
I	slab and suspended				ii	
	-					
		Continuous	Periodic			
ľ						
I		Continuous	Periodic			