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Statement of Special Inspections											Schedule of S	Speci	ial Iı	nspect	ions								
Project: Location:	Rc 16	owan-Salisbury 3-8 325 W. Park Rd., S	8 School Salisbury, NC 28144		IT	-2 Steel Constru	ctior	n (Co	ontinu	ed)	IT	-4 Structural Mag	sonr	У			IT	-5 Wood					
Owner: Owner's Address:	<u>Rc</u> 50	owan-Salisbury Sc 00 N. Main St., Sali	bools		Check if Required	Inspection Task	Continuous	Periodic	Standard	Special Inspections Firm	Check if Required	Inspection Task	Continuous	Periodic	Standard	Special Inspections Firm	Check if Required	Inspection Task	Continuous Peri	odic Sta	andard	Special Inspections Firm	Notes & Scope
Architect of Record: Structural Engineer of Record: (Design Professional in Responsible 0	Da L. Charge (DPIRC))	avid A. Bellamy, R. Dean Arp, Jr., P.E	A - LS3P E Arp Engineering			Material verification of weld filler materials: a. Inspection markings to conform to AWS specification in the approved construction documents			AISC 360: A3.5, A3.6	To Be Determined	Level	I 1 Required Verification and Inspection Compliance with required inspection provisions of the construction documents and the description of the construction documents and		\square	TMS 602/ACI 530.1/ASCE 6	To Be Determined		Prefabricated wood structural elements and assemblies to be in accordance with the requirements in the NCSBC		- NC 17	CSBC /04.2.5	To Be Determined	
The following information is being subr (IBC). Attached is the Schedule of Spe on the drawings for plan review. After p Inspectors (DSI) for each inspection ty Pre-Construction Meeting with The Co	mitted in accordance with t ecial Inspections (SSI) requ permit issuance, a listing c /pe will be attached to this punty Code Enforcement. N	the Special Inspectic uired for this project. of the Special Inspec form and turned in to No work is permitted	on provisions of the In This completed form tion Firms (SIF) and t o the Building Inspect to be performed prior	ternational Building Code is required to be placed he Designated Special or prior to scheduling the to the Special		b. Manufacturer's certificate test reports Inspection of welding: a. Structural steel and cold-formed steel deck:			AISC 360: N5.4	To Be Determined		Verification of f'm and f'aac prior to construction except where specifically exempted by this code			TMS 602/ACI 530.1/ASCE 6 Art. 1.4B	To Be Determined		High load diaphragms Temp & permanent bracing on metal-plate- connected trusses spanning ≥60 feet			CSBC 1705.5.1 1704.2 CSBC 705.5.2	To Be Determined To Be Determined	
Inspections Pre-Construction Meeting. This and all subsequent reports, logs, t office within 10 business days of the ev and signed/sealed by Designated Spec	testing results, and other r event documented. Only do icial Inspectors (DSI) are v ont unan the discussion of i	related SI documents ocuments that are pr alid and are permitte	s shall be turned in to epared by Authorized ed to be turned in to th	the building inspections Special Inspectors (ASI), the building inspections		 Complete and partial joint penetration groove welds Multipass fillet welds Single-pass fillet welds > 5/16" 			AWS D1.1,			Verification of slump flow and VSI as delivered to the site for self-consolidating grout As masonry construction begins, the following			TMS 602/ACI 530.1/ASCE 6 Art. 1.5B.1.b.3 TMS 602/ACI	To Be Determined		-6 Soils					
The DSI is responsible for verifying all information on each document prior to signing/sealing and turning it in. The DSI is responsible for verifying each document that is reported to the inspection office is the correct document. The DSI is responsible for correcting any documents that have incorrect attributes or contain errors, and resubmitting the correct information or document to					4. Plug and slot welds5. Single-pass fillet welds ≤5/16"						shall be verified to ensure compliance: a. Proportions of site-prepared mortar b. Construction of mortar joints		\boxtimes	530.1/ASCE 6 Art 2.6A Art. 3.3B	Determined	Check if Required	Inspection Task	Continuous Peri	odic Sta	andard	Special Inspections Firm	Notes & Scope	
he inspection office. The DSI is responsible for verifying all ASI's maintain current certifications during the course of the project, as ailure to maintain current certifications may result in a voided document. At the conclusion of each individual Special Inspection item, the DSI will complete a Final Report and turn it in to the DPIRC and the Building Inspector. The DPIRC is responsible for completing the DPIRC Letter at the conclusion of all Special Inspections.					6. Floor and roof deck weldsb. Reinforcing steel:1. Verification of weldability of reinforcing steel other than ASTM A 706			AWS D1.3 AWS D1.4 ACI 318: 3.5.2			c. Location of reinforcement, connectors, pre-stressing tendons and anchoraged. Pre-stressing technique			Art. 3.4, 3.6A Art. 3.6B			Verify materials below shallow foundation are adequate to achieve the design bearing capacity			CSBC 1705.6	To Be Determined	See NCSBC 1705.6 exception	
The Special Inspection program outlined herein, does not relieve the Contractor or any other entity of any contractual duties, ncluding quality control, quality assurance, or safety. The contractor is solely responsible for construction means, methods, and job site safety. Failure to adhere to the SI program as outlined herein, may result in a stop work notice being issued by the Department.					2. Reinforcing steel resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special structural walls of						 e. Grade and size of pre-stressing tendons and anchorage During construction the inspection program shall verify: 			Art. 2.4B, 2.4H TMS 602/ACI 530.1/ASCE 6	To Be Determined		depth and have reached proper material Perform classification and testing of compacted fill materials			CSBC 1705.6	To Be Determined		
VYCARG				3. Shear reinforcement 4. Other reinforcing steel						 a. Size and location of structural elements b. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction 		\boxtimes	Art. 3.3F TMS 402/ACI 530/ASCE 5 Sec 1.2.2(e), 1.16.1			Verify use of proper materials, densities and lift thickness during placement and compaction of compacted fill			CSBC 1705.6	To Be Determined			
Respectfully submits, The Design Professional in Responsible Charge,		EER. JA		Inspection of steel frame joint details for compliance: a. Details such as bracing and stiffening b. Member locations			AISC 360: N5.7	To Be Determined		 c. Specified size, grade and type of reinforcement, anchor bolts, pre- stressing tendons and anchorages 			ASCE 6: Art. 2.4, 3.4 ASCE 5: 1.5 ASCE 5: 1.5			sub-grade and verify that site has been prepared properly				Determined			
			Design Profession	al Seal P.E.		c. Application of joint details at each connection				a To Be		 d. Welding of reinforcing bars e. Preparation, construction and protection of masonry during cold weather (temp. below 40°F) or hot 			ASCE 6: Art. 1.8C, 1.8D NCSBC 2104.3, 2104.4			-7 Driven Deep F			ns	Special	Notes & Scope
Owner Authorization: Building Official's Acceptance:				Girders: a. End connections - welding or bolted b. Bridging - horizontal or diagonal 1. Standard bridging			& Table	Determined		weather (temp. above 90°F) f. Application and measurement of pre- stressing force Prior to grouting, the following shall be verified			ASCE 6: Art. 3.6B TMS 602/ACI	То Ве	Required	Verify element materials sizes and lengths comply with the requirements			CSBC 1705.7	Inspections Firm To Be Determined			
						2. Bridging that differs from the SJI specifications listed in 2018 NCSBC Section 2207.1						to ensure compliance:a. Grout space is cleanb. Placement of reinforcement and connectors, pre-stressing tendons and		\bowtie	530.1/ASCE 6 Art. 3.2D ASCE 6: Art. 3.4	Determined		Determine capacities of test elements and conduct additional load tests as required			CSBC 1705.7 CSBC 1705.7	To Be Determined	
Signature	Date	Signature		Date		Inspection of Cold-formed steel trusses spanning 60 feet or greater.			NCSBC 1705.2.4	4 To Be Determined		 anchorage c. Proportions of site-prepared grout and pre-stressing grout for bonded tendons d. Construction of mortar joints 		\boxtimes	ASCE 5: 1.3 ASCE 6: Art. 2.6B			Verify placement locations and plumbness, confirm type and size of hammer, record number of blows per foot of penetrations to			CSBC 1705.7	To Be Determined	
IT-1 Specia		ntinuous Periodic	Standard	Special Notes & Scope	Check if	-3 Concrete Con	Continuous	Periodic	Standard	Special Notes & Scope		Grout placement shall be verified to ensure compliance of pre-stressing bonded tendons			Art. 3.3B TMS 602/ACI 530.1/ASCE 6 Art. 3.5	To Be Determined		achieve design capacity, record tip and butt elevations and document any damage to foundation elements For steel elements, perform additional			CSBC 1705.7	То Ве	
Construction materials and alternatives to materials and prescribed by the 2018 NC	d systems that are nd systems		NCSBC 1705.1.1, #1	Inspections Firm To Be Determined	Required	Inspection of reinforcing steel, including pre- stressing tendons and placement			NCSBC 1908.4, ACI: Ch 20,25,26	Inspections Inspections Firm To Be Determined		Preparation of any required grout specimens, mortar specimens and / or prisms shall be observed			ASCE 6: Art. 3.5 NCSBC 2105.2.2, 2105.3	To Be Determined		For concrete elements and concrete-filled elements, perform tests and additional special inspections in accordance with NCSBC 1705.2			CSBC 1705.7	Determined To Be Determined	
Unusual design application described in the 2018 NCS	ns of materials SBC		NCSBC 1705.1.1, #2	To Be Determined		Inspection of reinforcing steel welding			NCSBC 1705.3.1 AWS D1.4-2011 ACI 318:26.6.4	1 To Be Determined		Compliance with required inspection provisions of the construction documents and the approved submittals			TMS 602/ACI 530.1/ASCE 6 Art. 1.5	To Be Determined		For specialty elements, perform additional inspections as determined by the registered design professional in responsible charge			CSBC 1705.7	To Be Determined	
in accordance with addition instructions that prescribe contained in this code or in referenced by the 2018 NC	nal manufacturer's requirements not n standards CSBC		1705.1.1, #3	Determined		Inspection of bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased or where strength design is used.			NCSBC 1901.3 ACI 318: 17.8, 18.2.3.1	To Be Determined		Verification of f'm and f'aac prior to construction and for every 5,000 square feet during construction			TMS 602/ACI 530.1/ASCE 6 Art. 1.4B TMS 602/ACI	To Be Determined		-8 Cast-In-Place	Deep	Fou	ndati	ons	
Retaining walls and retaining walls and retaining exceeding 5 feet of unbala Special Events (as decided Enforcement)	ing systems anced backfill height d/required by Code		NCSBC 1705.1.2, #5	To Be Determined To Be Determined		Inspection of anchors installed in hardened concrete			NCSBC 1901.3 ACI 318: 17.8, 18.2.3.1	To Be Determined		premixed or preblended mortar and grout as delivered to the site Verification of slump flow and VSI as delivered to the site for self-consolidating grout			530.1/ASCE 6 Art. 1.5B TMS 602/ACI 530.1/ASCE 6	Determined To Be Determined	Check if Required	Inspection Task	Continuous Peri	odic Sta	andard		Notes & Scope
IT-2 Steel C	Construc	tion				Veritying use of required design mix			ACI 318: Ch. 19	Determined		The following shall be verified to ensure compliance: a. Proportions of sire-prepared mortar, grout			Art. 1.5B.1.b.3 TMS 602/ACI 530.1/ASCE 6	To Be Determined		Inspect drilling operations and maintain complete and accurate records for each element			CSBC 1705.8	To Be Determined	
Check if Inspection Task Required	Co	ontinuous Periodic	Standard	Special Inspections Firm		At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete			NCSBC 1908.10 ASTM C 172, C 31, ACI 318: 26.4, 26.12	To Be Determined		and pre-stressing grout for bonded tendons b. Placement of masonry units and construction of mortar joints			Art. 2.6A ASCE 6: Art. 3.3B ASCE 6:			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 volumes			USBC 1705.8	To Be Determined	
Material verification of high and washers must be insp a. Identification markings to ASTM standards specifi approved construction d	h-strength bolts, nuts bected for: to conform to fied in the documents		AISC 360, A3.3 ASTM A325, ASTM A490	To Be Determined		Inspection of concrete and shotcrete placement for proper application techniques			NCSBC 1908.6, 1908.7, 1908.8 ACI 318: 26.4	To Be Determined		 c. Placement of reinforcement, connectors and pre-stressing tendons and anchorages d. Grout space prior to grout e. Placement of grout 			ARL 3.4, 3.0A ASCE 5: 1.15 ASCE 6: Art. 3.2D			For concrete elements, perform tests and additional special inspections in accordance with NCSBC 1705.3			CSBC 1705.8	To Be Determined	
b. Manufacturer's certificat required	te of compliance		AISC 360: N5 6	То Ве		Inspection of pre-stressed concrete:			NCSBC 1908.0, 1908.7, 1908.8 ACI 318: 26.5 NCSBC 1908.6.	To Be		f. Placement of pre-stressing grout g. Size and location of structural elements			ASCE 6: Art. 3.6C ASCE 6: Art. 3.3F								
 a. Snug-tight joints b. Pre-tensioned and slip-cri turn-of-nut with match-ma bolt or direct tension indic 	itical joints using arking, twist-off icator methods		AIGO 300. NO.0	Determined		 a. Application of pre-stressing forces b. Grouting of bonded pre-stressing tendons in the seismic-force-resisting system 			1908.7, 1908.8 ACI 318: 26.5	Determined		h. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction			ASCE 5: 1.2.2(e), 1.16.1 ASCE 6:		Check if	-9 Helical Piers	Continuous Peri	odic Sta	andard	Special	Notes & Scope
of installation c. Pre-tensioned and slip-cri turn-of-nut without match- calibrated wrench method	itical joint using -marking or ds of installation					Erection of precast concrete members Verification of in-situ concrete strength, prior to			ACI 318: 26.8 ACI 318: 26.11	To Be Determined		 i. Specified size, grade and type of reinforcement, anchor bolts, pre-stressing tendons and anchorages j. Welding of reinforcing bars 			Art. 2.4, 3.4 ASCE 5: 1.15 ASCE 5: 2.1.9.7.2, 3.3.4(b)	,	Required	Inspect during installation Record: a. Installation equipment used		NC 17	CSBC '05.9	To Be Determined	
Material verification of struct formed steel deck: a. For structural steel, identii to conform to AISC 360	tural steel and cold-		AISC 360: N5.2 ASTM A6 ASTM A568	To Be Determined		stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs			ACI 318: 26.11	Determined To Be		 k. Preparation, construction and protection of masonry during cold weather (temp. below 40° F) or hot weather (temp above 90° F) 			ASCE 6: Art: 1.8C,1.8D, NCSB0 2104.3, 2104.4			 b. Pile dimensions c. Tip elevations d. Final depth e. Final installation torque f. Other pertinent installation data as 					
 b. For other steel, identificati conform to ASTM standar the approved construction c. Manufacturer's certified te 	tion markings to Irds specified in n documents est reports					dimensions of the concrete members being formed				Determined		 I. Application and measurement of pre- stressing force Preparation of any required grout specimens and / or prisms shall be observed 			ASCE 6: Art. 3.6B ASCE 6: Art. 1.4 NCSBC 2105.2.2, 2105.3	To Be Determined		required by RDPIRC					

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-10 Fabricated It	ems						-12 Seismic Res		оро 			
Inspection Task	Continuous	Periodic	Standard	Special	Notes & Scope	Check if	Inspection Task	Continuous	Periodic	Standa		
Inspect during fabrication a. Structural,			NCSBC 1705.10	Inspections Firm To Be Determined		Required	Access floors - anchor in structures assigned to Seismic Design Category			NCSB0		
b. Load-bearing or c. Lateral load-resisting members or assemblies							D, E or F Plumbing, Mechanical, and Electrical					
.11 Wind Resist	anco						components: Seismic Design Categories C, D, E, or F: 1. Anchorage of electrical equipment for emergency and standby power			NCSB0 1705.12		
							2. Installation and anchorage of piping systems for Hazardous materials and associated mechanical units			NCSB0 1705.12		
Inspection Task	Continuous	Periodic	Standard	Special Inspections Firm	Notes & Scope		 Installation and anchorage of ductwork for Hazardous materials 			NCSBC 1705.12		
 Only required in the following instances: 1. In wind Exposure Category B, where Vasd is ≥120 MPH (per 1609.3.1) 2. In wind Exposure Category C or D, where Vasd is ≥110 MPH (per 1609.3.1) 			NCSBC 1705.11	To Be Determined			 Installation and anchorage of vibration isolation systems where the required clearance is less than 1/4" between the equipment support frame and restraint 			NCSB0 1705.12		
Structural Wood 1. Gluing elements of the main			NCSBC 1705.11.1	To Be Determined	Not required for wood shear walls, shear panels and		Seismic Design Categories E or F: 1. Anchorage of other electrical equipment			NCSB0 1705.12		
2. Nailing, bolting, anchoring, etc. of					bolting, anchoring and other fastening to other elements of		Storage racks greater than 8' in height in SDC D, E, or F			NCSB0 1705.12		
resisting system					fastener spacing of the sheathing is > 4"oc		Seismic isolation systems in seismically isolated structures assigned to SDC B, C,			NCSBC 1705.12		
Cold-formed steel light frame constr. 1. Welding operations of elements of the MWRS.			NCSBC 1705.11.2	To Be Determined	Not required for shear walls and diaphragms, where either of the following applies: 1. Sheathing is gypsum		Installation of cold-formed steel special moment frames in the SFRS of structures			NCSB0 1705.12		
2. Screw attachment, bolting, anchoring and other fastening of elements of the MWRS including shear walls, braces, diaphragms, collectors (drag struts) and hold-downs.					 board or fiberboard 2. Sheathing is wood structural panel or steel sheets on one side of the shear wall, panel, or diaphragm assembly and factors are size of the 		-13 Testina for Seismic Res					
Wind-resisting components			NCSBC	То Ве	sheathing is > 4"oc	Check if	Inspection Task	Continuous	Periodic	Standa		
1. Roof covering, roof deck and roof framing connections.			1705.11.3	Determined		Required	Structural Steel:			NCSBO		
2. Exterior wall covering and wall connections to roof and floor diaphragms and framing							Nondestructive testing for seismic resistance for SFRS for buildings assigned to SDC B, C, D, E or F			1705.13 AISC 3		
-12 Seismic Res	istar	nce		1			Structural Steel Elements: Nondestructive testing for seismic resistance of structural steel elements in the SFRS of buildings and structures assigned to SDC B, C, D, E, or F if not covered in 1705.13.1.1.			NCSB0 1705.13 AISC 3		
Inspection Task	Continuous	Periodic	Standard	Special Inspections Firm	Notes & Scope		Nonstructural Components for structures assigned to SDC B, C, D, E or F where			NCSB0 1705.13		
 SI in sections 1705.12.1 - 1705.12.9 are not required for structures designed and constructed in accordance with one of the following: 1. Structure is light-frame construction, SDS is ≤ 0.5, and building height is ≤ 35' 2. Seismic force resisting system of the 			NCSBC 1705.12	To Be Determined			the requirements of Section 13.2.1 of ASCE 7 for nonstructural components, supports or attachments are met by seismic qualification as specified in Item 2 therein, the RDPIRC shall specify on the approved construction documents the requirements for seismic qualification by analysis testing or experience data					
structure is reinforced masonry or reinforced concrete, SDS is ≤ 0.5, and building height is ≤ 25'							Designated seismic systems for structures assigned to SDC C, D, E or F			NCSB0 1705.13		
tructural steel in the seismic force sisting systems of building and structures ssigned to SDC B, C, D, E, or F			NCSBC 1705.12.1.1 AISC 341	To Be Determined	Not required in the SFRS of buildings or structures in SDC B or C not specifically detailed for		that are subject to the requirements of Section 13.2.2 of ASCE 7 for certification, the RDPIRC shall specify on the approved construction documents the requirements to be met by analysis, testing or					
Structural steel in the seismic force resisting systems of building and structures assigned to SDC B, C, D, E, or F other than those covered in NCBC 1705.12.1.1, including struts, chords, and foundation elements			NCSBC 1705.12.1.2 AISC 341	To Be Determined	seismic resistance, with response modification coefficient, R, ≤3		experience data. Seismic Isolation Systems in Seismically isolated structures assigned to SDC B, C, D, E, or F			NCSB0 1705.13 ASCE Section		
Structural wood in the seismic force resisting systems of building and structures assigned to SDC B, C, D, E, or F			NCSBC 1705.12.2	To Be Determined	Not required for wood shear walls, shear panels and diaphragms, including nailing,	IT	-14 Sprayed Fire	-Re	sista	ant l		
 Field gluing operations of elements of seismic force resisting system 					fastening to other elements of the MWFRS, where the fastener spacing of the sheathing is > 4 "oc	Check if Required	Inspection Task	Continuous	Periodic	Standa		
2. Nailing, bolting, anchoring and other fastening of elements of the seismic force					Includes wood shear walls, wood diaphragms, drag strut		Spray applied fire-resistant materials 1. Floor, roof and wall assemblies			NCSBC		
Cold-formed steel light frame construction in the seismic force resisting systems of			NCSBC 1705.12.3	To Be Determined	Not required for shear walls and diaphragms, including		2. Cellular Decks			NCSBC 1705.14		
building and structures assigned to SDC B, C, D, E, or F 1. Welding operations of elements of					screw installation, bolting, anchoring and other fastening to components of the SFRS		4. Structural members			1705.14 NCSBC		
the SFRS					where either of the following applies: 1. Sheathing is gypsum		5. Beams and Girders			NCSBC 1705.14		
and other fastening of elements of the SFRS including shear walls, braces, diaphragms, collectors (drag struts) and hold-downs					board or fiberboard 2. Sheathing is wood structural panel or steel sheets on one side of the shear wall, panel, or diaphragm assembly and		 7. Wide-flanged columns 8. Hollow structural section and pipe columns 			1705.14 NCSBC 1705.14 NCSBC 1705.14		
Designated sciencia quaterna for structure			NCORC	To Po	fastener spacing of the sheathing is > 4"oc							
assigned to Seismic Deign Category C, D, E, or F Verify the label, anchorage, and mounting conform to the certificate of compliance			1705.12.4 ASCE 7 13.2.2	Determined		IT-	15 Mastic and Intum	escen	it Fire	e-Res		
Architectural components - erection and fastening of exterior cladding, interior and			NCSBC 1705.12.5	To Be Determined	Not required for: 1. Exterior cladding, interior	Check if Required	Inspection Task	Continuous	Periodic	Standa		
exterior nonbearing walls and interior and exterior veneer in structures assigned to Seismic Design Category D, E, or F					& exterior nonbearing walls and interior & exterior veneer ≤30' in height above grade or walking surface 2. Exterior cladding and interior and exterior veneer weighing 5 psf or less 3. Interior nonbearing walls weighing 15 psf or less		Mastic and intumescent fire-resistant coating applied to structural elements and decks			NCSB0		

Schedule of Special Inspectio

al ctions Notes & Scope	Check if Required	Inspection Task EIFS application Water-resistive barrier coating when installed over a sheathing substrate -177 Fire-Resista Inspection Task Applies to all new high-rise buildings and all new buildings in Risk Category III or IV. Additions. Changes of Use NCEBC	Continuous		Standard NCSBC 1705.16 NCSBC 1705.16.1	Special Inspections Firm To Be Determined To Be Determined	Notes & Scope Not required for: 1. EIFS applications installed over a wate resistant barrier that drains to the exterio 2. EIFS applications installed over maso or concrete walls
emined emined emined emined emined emined		EIFS application Water-resistive barrier coating when installed over a sheathing substrate -17 Fire-Resistat Inspection Task Applies to all new high-rise buildings and all new buildings in Risk Category III or IV. Additions. Changes of Use NCEBC	nt Pe	enet	NCSBC 1705.16 NCSBC 1705.16.1	To Be Determined	Not required for: 1. EIFS applications installed over a water resistant barrier that drains to the exterior 2. EIFS applications installed over masor or concrete walls
e mined	Check if Required	Water-resistive barrier coating when installed over a sheathing substrate -17 Fire-Resistan Inspection Task Applies to all new high-rise buildings and all new buildings in Risk Category III or IV. Additions. Changes of Use NCEBC	nt Pe	enet	NCSBC 1705.16.1	To Be Determined	drains to the exterio 2. EIFS applications installed over maso or concrete walls
e mined e mined e mined	Check if Required	Water-resistive barrier coating when installed over a sheathing substrate -17 Fire-Resistant Inspection Task Applies to all new high-rise buildings and all new buildings in Risk Category III or IV. Additions. Changes of Use NCEBC	nt Pe	enet	NCSBC 1705.16.1	To Be Determined	
e mined e mine	Check if Required	-17 Fire-Resistan	nt Pe	enet	rations		
e mined mined	Check if Required	Inspection Task Applies to all new high-rise buildings and all new buildings in Risk Category III or IV. Additions, Changes of Use NCEBC	Continuous			and	Joints
e mined mined e mined		Applies to all new high-rise buildings and all new buildings in Risk Category III or IV. Additions, Changes of Use NCEBC		Periodic	Standard	Special Inspections Firm	Notes & Scope
e mined mined	1	Ch. 14 evaluated buildings and Level 3 Alterations within existing high-rises and/or Risk Category III or IV buildings			NCSBC 1705.17	To Be Determined	
mined		Inspection of tested and listed penetration firestop systems: Through penetrations:			NCSBC 1705.17.1 ASTM E2174-10ae1	To Be Determined	
0		 Verify against design (Cutsheet or EJ) For each type of firestop: Witness 10% of installations OR Destructive testing on 2% of 					10% of installations per floor or per area Area = 1sf - 10,000 2% of installations
Notes & Scope		4. Verify all firestops are installed Membrane penetrations:					per floor or per are Area = 1sf - 10,000
e Exception: SDC B or C buildings with a response modification		 Verify materials before installation Verify against design (Cutsheet or EJ) For each type of firestop: 					
Exception: SDC B or C buildings with a response modification coefficient, R, ≤ 3		 - Witness 10% of installations OR - Destructive testing on 2% of installations 4. Verify all firestops are installed 					
e mined		Installation of tested and listed fire- resistant joint systems: 1. Verify materials before installation 2. Verify against design (cutsheet or E.I)			NCSBC 1705.17.2 ASTM E2393-10a	To Be Determined	
3	-	 3. For each type of joint system: Witness installation of 5% min. of total lineal feet of joint system being installed OR Destructive testing, disassembly, or visual inspection at the rate of at least 1 sample for every 500 lineal feet of the joint system 					
mined	IT	-18 Smoke Cont	rol				
e mined	Check if Required	Inspection Task	Continuous	Periodic	Standard	Special Inspections Firm	Notes & Scope
		Inspection of smoke control system			NCSBC 1705.18	To Be Determined	
als							
ctions	-						
mined 4/1000 sf 4 @ 12"x12" 4 @ 12"x12" 25% 9 @ 12" 7 @ 12" 12 @ 12" 4 @ 12"							
Coating							
J]						
Co	25% 9@12" 7@12" 12@12" 4@12" oating	1 0 12 25% 9 0 12" 7 0 12 0 12" 4 0 12"	100 12 25% 9 0 12" 12 12" 4 0 12"	25% 9 @ 12" 7 @ 12" 12 @ 12" 4 @ 12" Dating ns Notes & Scope ed	1 @ 12 MIL 25% 9 @ 12" 7 @ 12" 12 @ 12" 4 @ 12"	10 12 25% 9 @ 12" 7 @ 12" 12 @ 12" 12 @ 12" 4 @ 12" Dating Notes & Scope rs Notes & Scope	10 12 25% 9 9 12" 7 0 12 12" 4 0 12"

