

STATEMENT OF VUSBC SPECIAL INSPECTIONS & STRUCTURAL OBSERVATIONS
HECO-6a

DATE: _____

INSTITUTION/AGENCY: _____

PROJECT TITLE: _____

UBO NUMBER: _____

PROJECT MANAGER: _____

The following firms are designated to perform the Special Inspections required herein. The firm has the experience, qualifications, certifications and/or licenses required to perform the functions indicated.

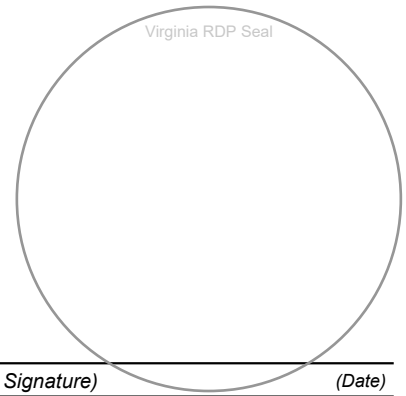
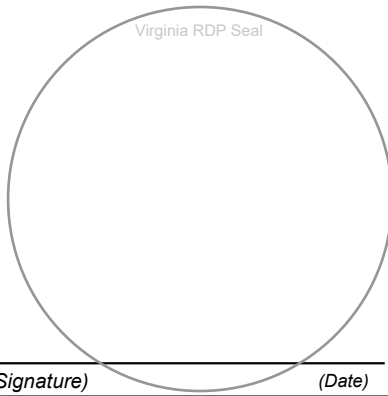
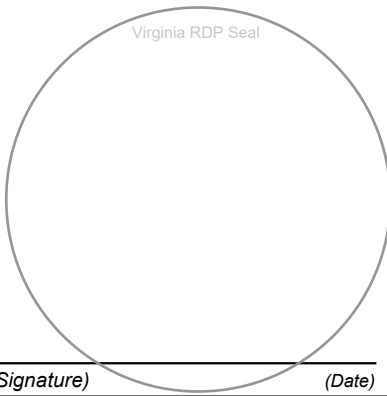
OWNER'S TESTING AND INSPECTION SERVICE

OWNER'S TEST LAB

SPECIAL INSPECTION RDP

SMOKE CONTROL INSPECTION & TESTING RDP

Co. Name	_____	Co. Name	_____	Co. Name	_____
Phone:	_____	Phone:	_____	Phone:	_____



(Seal & Signature) (Date) (Seal & Signature) (Date) (Seal & Signature) (Date)

Inspection and/or Testing responsibilities are indicated on the attached List of Special Inspections, Form HECO-6b. Copies of all test data and reports shall be provided to the Architect/Engineer of Record and to the Owner's Project Manager on a timely basis. The Contractor and UBO shall be notified of all deficiencies and discrepancies in a timely manner so that corrective action can be taken.

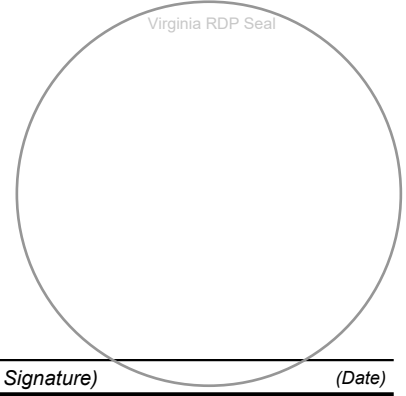
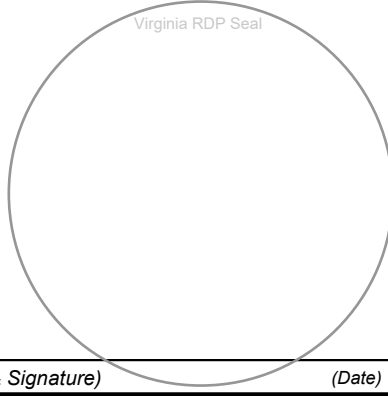
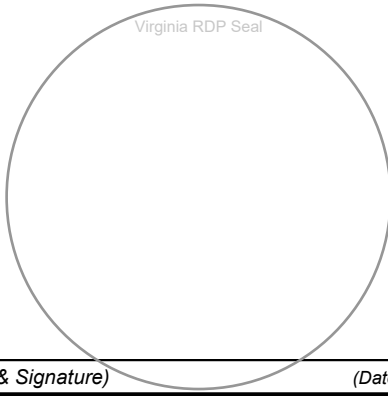
PROFESSIONAL OVERSIGHT AND CERTIFICATION

STRUCTURAL ENGINEER OF RECORD

A/E of RECORD

SMOKE CONTROL RDP

Co. Name	_____	Co. Name	_____	Co. Name	_____
Phone:	_____	Phone:	_____	Phone:	_____



(Seal & Signature) (Date) (Seal & Signature) (Date) (Seal & Signature) (Date)

CODE OFFICIAL'S ACCEPTANCE

- Acceptable as submitted
- Acceptable as marked

By: _____
University Building Official (Date)

2018 Special Inspections

Project Code: _____
 Project Title: _____

Rev. 09/21

HECO 6B

MATERIAL/ ACTIVITY	TYPE OF INSPECTION <i>(A/E add lines as needed to identify other required items)</i>	THIS PROJ ?	REFERENCE	INSPECTION / TEST BY *				
				OTL OWNER'S	A/E OF RECORD	SMOKE CONTROL	PROJECT INSPECTO	CONTRACTOR / SUPPLIER
FOUNDATIONS								
Soil	Classify & Test Existing Soils & Fill Materials		Specs, 1705.6	X (Spot)				
Soil	Compaction Of Fill Materials		Specs, 1705.6	X				
Soil	Bearing At Bottom Of Footing Excavations		Specs, 1705.6	X (Spot)				
Piles	Driving Records, Tip & Cutoff Elevations		1705.7, 1705.9	X	4			
Piles	Load Test		1705.7	X	4			
Caissons	Drilling, Size, Bearing Conditions, Materials		1705.8, 1705.3	X				
CONCRETE CONSTRUCTION								
Concrete	Ready-Mix Plant Quality Control		Specs, 1704.2.5		2			X, 1
Concrete	Mix Design Tests And Certificates		Specs, 1705.3		X			X, 1
Reinf. Steel	Shop Drawings Of Reinforcing Steel		Specs		X			
Reinf. Steel	Placement Of Reinforcing Steel		1705.3	X (Spot)	X (Spot)		X	
Reinf. Steel	Welding		1705.3.1	X (Spot)	2			X,1
Reinf. Steel	Special Construction		1704.5.7		2			
Formwork	Shape, Location, Dimensions		1705.3	X (Spot)			X	X
Formwork	Removal and Reshoring		1705.3	X (Spot)				
Concrete	Test Cylinders & Strength Test		1705.3, 1910.10	X	4			
Concrete	Mix Proportions & Mix On Delivery Tickets		1705.3				X (Spot)	
Concrete	Slump Test		1705.3	X	4		X	
Concrete	Placement Procedures		1705.3	X	X (Spot)		X (Spot)	

Concrete	Curing Temperatures & Techniques		1705.3	X			X	
Prestressed	Prestressing Procedures & Forces		1705.3	X	2			X,1
Prestressed	Shop Drawings Of Prestressed Units		Specs		X			
Precast	Quality Control Of Manufacturer		1704.2.5		2			X,1
Precast	Shop Drawings Of Precast		Specs		X			
Precast	Erection Of Precast		1705.3	X (Spot)	X (Spot)		X	X
Precast	Inspection Of Connections		1705.3	X (Spot)				
Shotcrete	Reinforcing Steel-Test Panel		1908.5, 1705.3	X	4			
Anchors	Anchors In Concrete		Specs, 1705.3, 190	X				
MASONRY CONSTRUCTION								
Quality Assurance	Indicate Quality Assurance Level (A, B or C)		TMS 402, 1.19.1, 2, 3		X			
Clay Masonry	Certificates, Tests & Technical Data		TMS 402, Table 1.1	X (Spot)	X			3
Concrete Masonry	Certificates, Tests & Technical Data		TMS 402, Table 1.1	X (Spot)	X			3
Reinf. Steel	Shop Drawings		Specs		X			
Reinf. Steel	Size, Grade, Type, Location, Spacing Of Reinf Steel		Tables 1.19.1, 2	X (Spot)				
Anchors	Manufacturer's Data		Tables 1.19.1, 2	X (Spot)	X			3
Accessories	Manufacturer's Data		Specs		X			3
Mortar & Grout	Mix Design And Data		Specs		X			3
Mortar & Grout	Field Samples and Testing, Placement		TMS 402, Tbls 1.19	X (Spot)	4			
Masonry Strength	Masonry Strength Verified		TMS 402.1	X	2, 4			
Masonry	Placement Of Units, Mortar & Accessories		TMS 402, Table 1.	X (Spot)				
Masonry	Protection Of Masonry Work		TMS 402, Table 1.	X (Spot)				
Anchorage	Placement Of Devices		TMS 402, Table 1.	X (Spot)				
Risk Cat. IV	A/E Shall edit list as required by ACI 530		Tables 1.19.2, 1.19.3		X			
STEEL CONSTRUCTION								
Fabricator	Quality Control Inspection Of Shop		1704.2.5		2			X,1
Fasteners	Mfr's Certificate Of Compliance		AISC 360-16		2			3

Struct. Steel	Mfr's Certificate Of Compliance		AISC 360-16		2			3
Weld Matl's	Manufacturer's Certificate Of Compliance		AISC 360-16		2			3
Metal Decking	Welding to Supports		1705.2.2	X (Spot)				
Metal Decking	Manufacturer's Certificate Of Compliance		1705.2.2		2			3
Joist	Mrf's Certificate of Compliance		1704.5.5		2			3
Joist	Open Web Steel Joists-End Connections and Bridging		1705.2.3	X (Spot)				
Details	Shop Drawings Review		Specs		X			
Erection	Installation Of High-Strength Bolts		AISC 360-16	X (Spot)				
Erection	Welding		AISC 360-16	X (Spot)				
Erection	Steel Framing And Connections		AISC 360-16	X (Spot)	X (Spot)		X	
SEISMIC FORCE RESISTANCE INSPECTIONS (as required by VUSBC 1705.12)								
(Note: SDC refers to Seismic Design Category.)								
Structural Steel	Welding and Bolting (SDC = B or C or D)		1705.12.1, AISC 34	X (Spot)				
Wood	Field Glueing (SDC = C or D)		1705.12.2	X				
Wood	Fastening Of Seismic Force Resistance System (SDC = C or D)		1705.12.2	X (Spot)			X	
Light Gage Steel	Fastening (SDC = C or D)		1705.12.3	X (Spot)			X	
Light Gage Steel	Special Bolted Moment Frames (SDC = D)		1705.12.9	X (Spot)				
Components	Mechanical & Electrical - Anchorage and Labeling (SDC = C or D)		1705.12.4, 1705.12	X (Spot)				
Components	Architectural - Cladding, Veneer, Non-Bearing Walls (SDC = D)		1705.12.5	X (Spot)				
Components	Access Floors (SDC = D)		1705.12.5.1	X (Spot)				
Components	Storage Racks (SDC = D)		1705.12.7	X (Spot)				
SEISMIC RESISTANCE TESTING (as required by VUSBC 1705.13)								
Structural Steel	Steel Systems and Elements		1705.13.1, AISC 341					
Non-Structural	Components-Mfr's Certificate of Compliance		1705.13.2		2			3
Non-Structural	Designated Systems-Certificate of Compliance		1705.13.3		2			3
Structural	Isolation Systems		1705.13.4	X				
WOOD & LIGHT GAGE STEEL CONSTRUCTION								
Fabrication	Quality Control Inspection Of Shop		1704.2.5		2			X, 1
Sheathing	Grade Stamp, Thickness & Fastening		Specs, 1703.5	X	X (Spot)		X	

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NOTES:

- 1. Fabricator, supplier, ready mixed plant or other production plant shall provide certificates from an approved independent inspection,**
 - 2. A/E shall review fabricator/supplier/producer certificates for conformance with appropriate standards of practice and quality assurance.**
 - 3. Contractor/supplier shall submit manufacturer's certificates of compliance for the materials/products.**
 - 4. Reviews records and test results for conformance with requirements.**
 - 5. Special inspection firm shall have expertise in fire protection engineering, mechanical engineering, and certification as an air balancer.**
- The special inspector**
- 6. Unless noted otherwise, the reference numbers listed refer to the 2018 VUSBC.**