



Statement of Special Inspections - MBC 2009

City of Novi Community Development Department

Project Information	
Project Name:	Project Address:
Owner Name:	Building Permit #:
Architect / Engineer Name:	
Form Prepared By:	
Company Name:	Telephone #
Company Address:	Fax#
Email Address:	
Architect / Engineer Name:	Cell Phone #
Architect / Engineer Signature:	Date:
Instructions:	

1. The Registered Design Professional (Architect/Engineer) in responsible charge of the Project must complete this form and submit it with the Building Permit Application at the time the plans are submitted for review. This form will be reviewed during the plan review process, and must be completed prior to the permit being issued.

2. The Registered Design Professional shall provide 2 original copies of this form, with an original seal and signature included on this page.

ACTIVITY	Y/N	SCOPE OF SERVICE	RESPONSIBLE AGENT	DATE COMPLETED
STEEL CONSTRUCTION (1704.3)		Building Description		
Inspection of Steel Fabricators (1704.2)		Verify QC procedures are AISC compliant and current		
Material Verification: High strength bolts, nuts, and washers, structural steel; weld filler materials, etc. (Table 1704.3)		Verify materials supplied		
Erection:		Verify conformance to approved shop drawings		
a. Welding (1704.3.1)		a. Review per AWS & Table 1704.3		
b. Details (1704.3.2)		b. Bracing, stiffening, locations, spacing, orientation, etc.		
c. High strength bolts (1704.3.3)		c. Review per RCSC/AISC		
CONCRETE CONSTRUCTION (1704.4)		Foundations, Concrete fill over metal deck		
Materials (1704.1.1 & Table 1704.4)		Verify approved mix designs, slump, temperature, added water, delivery time, and compressive strength		
Inspection and Installation of Reinforcing steel (Table 1704.4)		Verify size, locations, spacing, orientation, cover, splicing, conforms to approved shop drawings		
Inspection of reinforcing steel welding (Table 1704.4)		Review per AWS		
Inspection of concrete placement for proper application techniques (Table 1704.4)		Verify placement, curing finishing, hot/cold weather requirements, and consolidation		
Inspection of pre-stressed concrete (Table 1704.4)		Verify connections to be in compliance with approved shop drawings		
Erection of Pre-cast concrete (Table 1704.4)		Verify connections to be in compliance with approved shop drawings		
Verification of concrete strength prior to stressing of tendons and/or removal				

MASONRY CONSTRUCTION (1704.5)		CMU Bearing walls, Shear walls, and Pilasters		
a. Non-essential facility (Table 1704.5.1, 1708.1.3)				
b. Essential facility (Table 1704.5.3)		Verify compliance of material preparation and placement, verify size and location of structural elements, observe mortar and grout preparations, verify compliance of construction materials.		
WOOD CONSTRUCTION (1704.6)				
Inspection of fabrication of wood structural elements and assemblies		Shear wall sheathing and roof trusses. Verify QC procedures are compliant and current		
SOILS (1704.7)		Engineered soil for slabs and foundations		
Site preparation (1704.7.1)		Evaluation materials, placement, compactions; verify conformance to specifications		
Fill placements (1704.7.2)		Evaluation materials, placement, maximum lift thickness, verify conformance to specifications		
Evaluation of in-place density (1704.7.3)		Evaluate compaction, verify conformance to specifications		
PILE FOUNDATIONS (1704.8)				
Installation and testing				
PIER FOUNDATIONS (1704.9)				
Seismic Design Category C, D, E, or F				
SPRAYED FIRE-RESISTANT MATERIALS		Spray fireproofing on structural steel members and steel deck		
a. Surface Conditions (1704.11.1)		Inspection of members prior to spraying		
b. Application (1704.11.2)		Verification of temp. and ventilation		
c. Thickness (1704.11.3)		ASTM E 605 test		
d. Density (1704.11.4)		ASTM E 605 test		

e. Bond Strength (1704.11.5)		ASTM E 736 according to 1704.11.5.1 and 1704.11.5.2		
QUALITY ASSURANCE FOR SEISMIC (1705)		Quality assurance per 1705		
Seismic Design Category C, D, E, or F				
QUALITY ASSURANCE FOR WIND (1706)		Quality assurance per 1706		
Basic wind speed at least 110 mph				
SEISMIC RESISTANCE (1707 & 1708)		Special inspections per 1707 Structural testing per 1708		
Seismic Design Category C, D, E, or F				
STRUCTURAL OBSERVATION				
Required by seismic or wind conditions		Owner shall employ registered design professional to perform structural observations per section 1702		
SMOKE CONTROL (909.3)				
Testing Scope 1704.14 1.		During erection of ductwork and prior to concealment leakage, & device location		
Testing Scope 1704.14 2.		Prior to occupancy pressure difference testing flow measurements detection & control verification		
EXTERIOR WALL VENEER PANELS (1704.13)				
Special Cases		Panels secure & connectors installed according to shop drawings and material tolerances		

INSPECTION AGENTS:		NAME:	COMPANY:	ADDRESS:
1. Special Inspection Engineer Record (SIER)	1			
1A. Special Inspections Engineer Record (SIER) Steel Construction	1A			
1B. Shop Fabricator	1B			
2. Inspection and Testing (ITA)	2			
2A. Inspection and Testing (ITA) Steel Construction	2A			
3. Geotechnical Engineer of Record (GER)	3			
4. Specialty Engineer (SE) Smoke Control	4			
5. Specialty Engineer (SE) Exterior Wall Veneer Panels (1704.14.2)	5			
6. Masonry	6			

REPORT REQUIREMENTS (1704.1.2)		Please contact the Plans Examiner in the Building Department at (248) 347-0415 to see who the report should be sent to.		
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