INTERNATIONAL BUILDING CODE (IBC) 2009 STATEMENT OF SPECIAL INSPECTIONS:

THE FOLLOWING TABLES TOGETHER WITH THE SPECIFIC MATERIAL TESTS DESCRIBED IN THE PROJECT SPECIFICATIONS SHALL CONSTITUTE THE STATEMENT OF SPECIAL INSPECTIONS IN ACCORDANCE WITH IBC SECTION 1705. WHERE THE LOCAL JURISDICTION REQUIRES A GREATER LEVEL OF INSPECTION THAN LISTED IN THE FOLLOWING TABLES THOSE REQUIREMENTS SHALL BE FOLLOWED.

1704 SPECIAL INSPECTIONS

- SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH IBC SECTION 1704 THROUGH 1708.
- 2. SPECIAL INSPECTIONS SHALL CONSIST OF THE INSPECTION OF THE MATERIALS, FABRICATION, ERECTION OR PLACEMENT OF COMPONENTS REQUIRING SPECIAL EXPERTISE TO ENSURE COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS.
- CONTINUOUS SPECIAL INSPECTIONS SHALL BE PERFORMED BY A SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.
 PERIODIC SPECIAL INSPECTIONS SHALL BE THE PART-TIME OR INTERMITTANT OBSERVATION BY A SPECIAL INSPECTOR OF WORK REQUIRING SPECIAL INSPECTION
- WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK.
- SCHEDULE OF SPECIAL INSPECTION SERVICES

1704.2 INSPECTION OF FABRICATORS

1704.4 REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

		INSPECTION TASK	REFERENCE FOR INSPECTION CRITERIA		APPLICABLE TO THIS PROJECT
				YN	INSPECTION FREQUENCY
1.		INSPECTION OF REINFORCING STEEL INCLUDING PRESTRESSING TENDONS AND PLACEMENT	ACI 318 SECT 3.5, 7.1-7.7 IBC SECT. 1913.4	Y	PERIODIC
2.		INSPECTION OF WELDING - REINFORCING STEEL			
	A.	VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A706	AWS D1.4 ACI 318 SECT. 3.5.2.	Y	PERIODIC
	В.	REINFORCING STEEL RESISTING FLEXURE AND AXIAL FORCES IN IMRF, SMRF AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS OF CONCRETE AND SHEAR REINFORCEMENT	AWS D1.4 ACI 318 SECT. 3.5.2.	Y	CONTINUOUS
	C.	SHEAR REINFORCEMENT	AWS D1.4 ACI SECT. 3.5.2.	Y	CONTINUOUS
	D.	OTHER REINFORCING STEEL	AWS D1.4 ACI 318 SECT. 3.5.2.	Y	PERIODIC
3.		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	IBC SECT. 1911.5, 1912.1 ACI 318 SECT. 8.1.3., 21.2.8	Y	CONTINUOUS
4.		INSPECTION OF ANCHORS INSTALLED IN HARDENED CONCRETE	IBC SECT. 1912.1 ACI 318 SECT. 3.8.6 8.1.3, 21.2.8	Y	PERIODIC
5.		VERIFY USE OF REQUIRED DESIGN MIX	ACI 318 CH. 4, 5.2-5.4 IBC SECT. 1904.2.2, 1913.2, 1913.3	Y	PERIODIC
6.		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	ASTM C172 ASTM C31 ACI 318 SECT. 5.6, 5.8 IBC SECT. 1913.10	Y	CONTINUOUS
7.		INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	ACI 318 SECT. 5.9, 5.10 IBC SECT. 1913.6, 1913.7, 1913.8	Y	CONTINUOUS
8.		INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	ACI 318 SECT. 5.11- 5.13 IBC SECT. 1913.9	Y	PERIODIC
9.		INSPECT FORMWORK FOR SHAPE LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	ACI 318 SECT. 6.1.1	Y	PERIODIC

1704.14 EXTERIOR INSULATION AND FINISH SYSTEMS (EXCEPT FOR EIFS APPLIED OVER WATER RESISTIVE BARRIER , MASONRY, OR CONCRETE)

	INSPECTION TASK	REFERENCE FOR	Υ/	INSPECTION
		INSPECTION CRITERIA	/ N	FREQUENCY
1.	WATER-RESISTIVE BARRIER COATING OVER A SHEATHING SUBSTRATE		Y	PERIODIC

Structural Engineer

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ALL DIMENSIONS SHOWN TO BE FIELD VERIFIED U.N.O.