

WORK REQUIRING SPECIAL INSPECTION AND STRUCTURAL OBSERVATION:			TYPE OF INSPECTION		STRUCT OBSERV
			CONTINUOUS	PERIODIC	
IMPORTANT NOTE: THIS SIMPLIFIED SAMPLE SCHEDULE IS PRESENTED FOR EXAMPLE ONLY. IT DOES NOT INCLUDE ALL NECESSARY INSPECTIONS AND TESTING REQUIRED BY THE IBC. THE USER OF THIS DOCUMENT MUST ADD THOSE TESTS, INSPECTIONS, AND OBSERVATIONS THAT ARE APPLICABLE THE PROJECT					
SOILS (TABLE 1704.7)	1.a	VERIFY MATERIALS BELOW FOOTINGS FOR DESIGN BEARING CAPACITY	-	X	GEO ENG
	b	VERIFY DEPTH OF EXCAVATION AND TYPE OF MATERIALS REACHED	-	X	GEO ENG
	c	VERIFY THE SUBGRADE AND SITE PREPARATIONS FOR CONTROLLED FILL	-	X	GEO ENG
	d	VERIFY MATERIALS USED, DENSITIES, LAYERED THICKNESS AND COMPACTION OF BACKFILLS	X		
	e	PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS		X	
PILE FOUNDATIONS (TABLE 1704.8)	2.a	VERIFY PILE SIZES, LENGTHS AND MATERIAL SPECIFICATIONS FOR EACH LOCATION	X	-	
	b	PILE CAPACITY LOAD TESTING AND CONDUCT ADDITIONAL LOAD TESTS, AS REQUIRED	X	-	
	c	OBSERVE AND MAINTAIN A COMPLETE SET OF RECORDS FOR EACH PILE INSTALLED.	X	-	
PIER FOUNDATIONS (TABLE 1704.9)	3.a	MONITOR DRILLING OPERATIONS TO RECORD DRILLED LENGTHS, DIAMETERS AND BELL SIZE	X	-	
	b	VERIFY LOCATIONS, PLUMBNESS & EMBEDMENT IN BEDROCK/ ADEQUATE END BEARING STRATA	X	-	
	c	PERFORM ADDITIONAL INSPECTIONS FOR CONCRETE / MASONRY PIERS PER 1704.4 & 1704.5			
STEEL (TABLE 1704.3)	4.a	VERIFY ID MARKINGS AND MILL CERTIFICATIONS ON STEEL MEMBERS PER APPROVED PLANS	-	X	
	b	VERIFY MARKINGS / CERTIFICATIONS AND TOUGHNESS REQUIREMENTS OF FILLER MATERIALS	-	X	
	c	VERIFY MARKINGS AND CERTIFICATION OF HIGH STRENGTH BOLTS / NUTS & WASHERS	-	X	
	d	INSPECT THE INSTALLATION AND TESTING OF SLIP CRITICAL BOLTED CONNECTIONS	X	X	
	e	INSPECT THE INSTALLATION OF NON-SLIP CRITICAL BOLTED CONNECTIONS		X	
	f	COMPLETE / PARTIAL PENETRATION GROOVE WELDS AND FILLET WELDS >5/16"	X		
	g	SINGLE PASS FILLET WELDS ≤5/16", FLOOR AND ROOF DECK WELDS	-	X	
	h	STRUCTURAL STEEL ERECTION - BRACING & STIFFENING / JOINT DETAILS AT EACH LOCATION	-	X	
CONCRETE (TABLE 1704.4)	5.a.	VERIFY AND INSPECT REINFORCING STEEL / PRESTRESSING TENDON PLACEMENTS	-	X	
	b	VERIFY WELDABILITY AND INSPECT REINFORCING STEEL WELDING (PER AWS D1.4)	X		
	c	INSPECT BOLT INSTALLATION / EMBEDMENTS, BEFORE AND DURING PLACEMENT OF CONCRETE	X		
	d	VERIFY CONCRETE MIX DESIGN AND MOLDING OF COMPRESSION TEST SAMPLES	-	X	
	e	VERIFY THE SLUMP / AIR CONTENT AND TEMPERATURE OF FRESH CONCRETE DELIVERED	X	-	
	f	INSPECT CONCRETE / SHOTCRETE PLACEMENT AND APPLICATION TECHNIQUES	X	-	
	g	MONITOR AND VERIFY THE APPLICATION OF PRESTRESSING FORCE TO INDIVIDUAL TENDONS	X	-	
	h	INSPECT THE GROUTING, FOR BONDING OF PRESTRESSED TENDONS.	X	-	
	i	VERIFY STRENGTH OF IN-SITU CONCRETE FOR POST TENSIONING / FORM & SUPPORT REMOVAL	-	X	
	j	VERIFY DIMENSIONS, SHAPE AND LOCATION OF CONCRETE MEMBER BEING FORMED	-	X	
MASONRY (TABLE 1704.5)	6.a	VERIFY / CONFIRM PREMIXED MORTAR, GROUT(PRESTRESSING GROUT FOR BONDED TENDONS)	-	X	
	b	VERIFY SPECIFICATIONS FOR SIZE/GRADE/ TYPE OF MASONRY UNIT & REINFORCEMENT DETAILS	-	X	
	c	VERIFY FOR COMPLIANCE ON PRESTRESSING TECHNIQUE & PERSONNEL QUALIFICATIONS	-	X	
	d	PLACEMENT OF MASONRY UNITS AND CONSTRUCTION OF MASONRY JOINTS	-	X	
	e	PLACEMENT OF REINFORCEMENTS, CONNECTORS, PRESTRESSING TENDONS & ANCHORAGES	-	X	
	f	VERIFY CLEANOUTS, GROUT SPACE CLEARANCES, CLEANLINESS AND MORTAR PROJECTIONS.	-	X	
	g	VERIFY WELDABILITY AND INSPECT REINFORCING STEEL WELDING (PER AWS D1.4)	X	-	
	h	PREPARING REQUIRED GROUT / MORTAR SPECIMENS AND/OR PRISMS FOR TESTING	X	-	
	i	INSPECT GROUT PLACEMENT (AND GROUTING OF PRESTRESSING BONDED TENDONS)	X	-	
LIGHT FRAMED 1704.6	7.a	VERIFY LUMBER SPECIES, GRADING, SIZE, MOISTURE CONTENT, SURFACE TREATMENT, CAMBER	-	X	
	b	INSPECT CERTIFICATES AND METAL STUD IDENTIFICATION, SECTION PROPERTIES AND FINISH	-	X	
	c	VERIFY NAIL, STAPLE, SCREW, AND BOLT / FASTENER TYPE, GRADE AND LOCATION	-	X	
	d	VERIFY MATERIALS AND INSTALLATION DETAILS FOR HOLD-DOWN, STRAP, TIE ROD, ANCHOR; AND (PREFABRICATED) ENGINEERED SYSTEM / STRUCTURAL PANEL SHEATHING	-	X	
	e	IDENTIFY LATERAL SYSTEM AND LOAD PATH FOR LOCATION OF PLATES, SHEAR WALLS, DIAPHRAGMS, SQUASH BLOCKS, HOLD-DOWN AND STRAPPING BEAMS / COLUMNS		X	
	f	INSPECT AND VERIFY SEISMIC CONNECTIONS OF ITEM 7.e (ABOVE) FOR COMPLIANCE	-	X	
1707.3 & 1707.4	g	VERIFY STUD SPACING, BLOCKING, NAILING (FIELD & EDGE); OPENING / PENETRATION TREATMENT AND BOUNDARY ATTACHMENT CONDITIONS	-	X	
SPRAYED-ON FIRE PROOFING 1704.1	8.a	VERIFY MATERIAL SPECIFICATION, THICKNESS AND DENSITY OF SPRAYED MATERIAL	-	X	
	b	VERIFY COHESIVE / ADHESIVE BOND STRENGTH OF APPLICATION BY TESTING PER ASTM E 736.	-	X	
SEISMIC RESISTANCE 1707.1	9.a	INSTALLATION OF (CHEMICAL / EPOXY) ADHESIVE ANCHORS, RODS AND DOWELS	X		
	b	INSTALLATION AND TORQUE TESTING EXPANSION ANCHORS IN CONCRETE OR MASONRY	-	X	