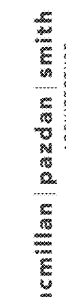


VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCED STANDARD	IBC REFERENCE
	CONTINUOUS	PERIODIC		
STEEL CONSTRUCTION				
1. FABRICATOR AND ERECTOR DOCUMENTS	-	-	ASC 360	1705.2
2. MATERIAL VERIFICATION OF STRUCTURAL STEEL			ASC 360, N3	
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	-	X	ASC 360, A3	
B. MANUFACTURER'S CERTIFIED MILL TEST REPORTS	-	X	ASC 360, A3	
3. EMBEDMENTS	-	X		1705.3
4. VERIFY MEMBER LOCATIONS, BRACES, STIFFENERS, AND APPLICATION OF JOINT DETAILS AT EACH CONNECTION COMPLY WITH CONSTRUCTION DOCUMENTS.	-	X		
5. STRUCTURAL STEEL WELDING				
A. INSPECTION TASKS PRIOR TO WELDING			ASC 360, N5.4	
B. INSPECTION TASKS DURING WELDING			ASC 360, N5.4	
C. INSPECTION TASKS AFTER WELDING			ASC 360, N5.4	
6. STRUCTURAL STEEL BOLTING				
A. INSPECTION TASKS PRIOR TO BOLTING			ASC 360, N5.6	
B. INSPECTION TASKS DURING BOLTING			ASC 360, N5.6	
C. INSPECTION TASKS AFTER BOLTING			ASC 360, N5.6	
7. COMPOSITE CONSTRUCTION			ASC 360, N6	

VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCED STANDARD*	IBC REFERENCE
	CONTINUOUS	PERIODIC		
CONCRETE CONSTRUCTION				
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	-	X	ACI 318	1705.3
2. REINFORCING BAR WELDING:			ACI 318: CH. 20, 25.2, 25.3, 26.5.1-26.5.3	1908.4
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	-	X	AWS D1.4, ACI 318: 26.5.4	-
B. INSPECT SINGLE-PASS FLLET WELDS, MAXIMUM 5/16"	-	X		
C. INSPECT ALL OTHER WELDS	X	-		
3. INSPECT ANCHORS CAST IN CONCRETE	-	X	ACI 318: 17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:				
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	-	ACI 318: 17.8.2.4	-
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a	-	X	ACI 318: 17.8.2	-
5. VERIFY USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	-	ASTM C 172, ASTM C 31, ACI 318: 26.4.5, 26.12	1908.10
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	-	ACI 318: 26.4.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	-	X	ACI 318: 26.4.7 - 26.4.9	1908.9
9. INSPECT PRESTRESSED CONCRETE FOR:				
A. APPLICATION OF PRESTRESSING FORCES; AND	X	-	ACI 318: 26.9.2.1	-
B. GROUING OF BONDED PRESTRESSING TENDONS	X	-	ACI 318: 26.9.2.3	-
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS	-	X	ACI 318: CH. 26.8	-
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318: 26.10.2	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	-	X	ACI 318: 26.10.1(b)	-


a. WHERE APPLICABLE, SEE ALSO SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES, WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK.


VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCED STANDARD	IBC REFERENCE
	CONTINUOUS	PERIODIC		
MASONRY CONSTRUCTION				
LEVEL B QUALITY ASSURANCE				
MINIMUM TESTS				
1. VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) OF SELF-CONSOLIDATING GROUT AS DELIVERED TO THE PROJECT			TMS 402/ACI 530ASCE 5 AND TMS 902/ACI 530.1ASCE 6	1705.4
MINIMUM SPECIAL INSPECTION				
1. VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS	-	X	TABLE 3.1.2	
2. AS MASONRY CONSTRUCTION BEGINS VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
A. PROPORTIONS OF SITE-MIXED MORTAR	-	X		
B. CONSTRUCTION OF MORTAR JOINTS	-	X		
C. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES	-	X		
D. LOCATION OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES	-	X		
E. PRESTRESSING TECHNIQUE	-	X		
F. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	-	X		
3. PRIOR TO GROUING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
A. GROUT SPACE	-	X		
B. GRADE, TYPE, AND SIZE OF REINFORCEMENT AND ANCHO BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES	-	X		
C. PLACEMENT OF REINFORCEMENTS, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES	-	X		
D. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.	-	X		
E. CONSTRUCTION OF MORTAR JOINTS	-	X		
4. VERIFY DURING CONSTRUCTION:				
A. SIZE AND LOCATION OF STRUCTURAL ELEMENTS	-	X		
B. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY AND STRUCTURAL MEMBERS, FRAMES, AND CONSTRUCTION	-	X		
C. WELDING OF REINFORCEMENT	X	-		
D. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD OR HOT WEATHER	-	X		
E. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	X	-		
F. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE	X	-		
G. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	X	-		
5. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMEN, AND/OR PRISMS	-	X		




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QUALITY ASSURANCE PLAN

SHEET NO. PROJ. NO.
017349.00

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