

STRUCTURAL TESTS & SPECIAL INSPECTIONS (IBC 2012)

1704 SPECIAL INSPECTIONS
THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.

1704.3 STATEMENT OF SPECIAL INSPECTIONS
THE PROVISIONS AS OUTLINED ON THESE DESIGN DOCUMENTS DEFINE THE STRUCTURAL SPECIAL INSPECTIONS APPLICABLE TO THE PROJECT. THE STATEMENT OF SPECIAL INSPECTIONS AS REQUIRED BY THE LOCAL JURISDICTION FOR PERMIT APPLICATIONS IS TO BE PREPARED USING THE INFORMATION PRESENTED HERE.

1704.3.1 REPORT REQUIREMENTS
SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON BY THE PERMIT APPLICANT AND THE BUILDING OFFICIAL PRIOR TO THE START OF WORK.

1704.4 CONTRACTOR RESPONSIBILITY
EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A WIND AND/OR A SEISMIC-FORCE-RESISTING SYSTEM, DESIGNATED WIND AND/OR SEISMIC SYSTEM, OR COMPONENT LISTED IN THE QUALITY ASSURANCE PLAN SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND TO THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE QUALITY ASSURANCE PLAN.

1704.5 INSPECTION OF FABRICATORS

MATERIAL/ACTIVITY	SERVICE	EXTENT
VERIFY FABRICATION/QUALITY CONTROL PROCEDURES	IN PLANT REVIEW	PERIODIC

1705.1.1 SPECIAL CASES

MATERIAL/ACTIVITY	SERVICE	EXTENT
(WORK UNUSUAL IN NATURE, INCLUDING BUT NOT LIMITED TO ALTERNATIVE MATERIALS AND SYSTEMS, UNUSUAL DESIGN APPLICATIONS, MATERIALS AND SYSTEMS WITH SPECIAL MANUFACTURER'S REQUIREMENTS)	SUBMITTAL REVIEW, SHOP AND/OR FIELD INSPECTION	

1705.2 STEEL CONSTRUCTION

MATERIAL/ACTIVITY	SERVICE	EXTENT
FABRICATOR AND ERECTOR DOCUMENTS (VERIFY REPORTS AND CERTIFICATES AS LISTED IN AISC 360, CHAPTER N, PARAGRAPH 3.2 FOR COMPLIANCE WITH CONSTRUCTION DOCUMENTS)	SUBMITTAL REVIEW	EACH SUBMITTAL
MATERIAL VERIFICATION OF STRUCTURAL STEEL	SHOP AND FIELD INSPECTION	PERIODIC
EMBEDMENTS (VERIFY DIAMETER, GRADE, TYPE, LENGTH, EMBEDMENT. SEE 1705.3 FOR ANCHORS)	FIELD INSPECTION	PERIODIC
VERIFY MEMBER LOCATIONS, BRACES, STIFFENERS, AND APPLICATION OF JOINT DETAILS AT EACH CONNECTION COMPLY WITH CONSTRUCTION DOCUMENTS	FIELD INSPECTION	PERIODIC
STRUCTURAL STEEL WELDING:		
A. INSPECTION TASKS PRIOR TO WELDING (OBSERVE, OR PERFORM FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360, TABLE N5.4-1)	SHOP AND FIELD INSPECTION	OBSERVE OR PERFORM AS NOTED
B. INSPECTION TASKS DURING WELDING (OBSERVE, OR PERFORM FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360, TABLE N5.4-2)	SHOP AND FIELD INSPECTION	OBSERVE
C. INSPECTION TASKS AFTER WELDING (OBSERVE, OR PERFORM FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360, TABLE N5.4-3)	SHOP AND FIELD INSPECTION	OBSERVE OR PERFORM AS NOTED
D. NONDESTRUCTIVE TESTING (NDT) OF WELDED JOINTS		
1) COMPLETE PENETRATION GROOVE WELDS 5/16" OR GREATER IN RISK CATEGORY III OR IV	SHOP OR FIELD ULTRASONIC TESTING - 100%	PERIODIC
2) COMPLETE PENETRATION GROOVE WELDS 5/16" OR GREATER IN RISK CATEGORY II	SHOP OR FIELD ULTRASONIC TESTING - 10% OF WELDS MINIMUM	PERIODIC
3) THEMATICALLY CUT SURFACES OF ACCESS HOLES WHEN MATERIAL 1 1/2" PARTIAL OR PENETRANT TESTING	SHOP OR FIELD MAGNETIC PARTIAL OR PENETRANT TESTING	PERIODIC
4) WELDED JOINTS SUBJECT TO FATIGUE WHEN REQUIRED BY AISC 360, APPENDIX 3, TABLE A-3.1	SHOP OR FIELD RADIOGRAPHIC OR ULTRASONIC TESTING	PERIODIC
5) FABRICATOR'S NDT REPORTS WHEN FABRICATOR PERFORMS NDT	VERIFY REPORTS	EACH SUBMITTAL
STRUCTURAL STEEL BOLTING:	SHOP AND FIELD INSPECTION	
A. INSPECTION TASKS PRIOR TO BOLTING (OBSERVE, OR PERFORM TASKS FOR EACH BOLTED CONNECTION, IN ACCORDANCE WITH QA TASKS LISTED IN AISC 360, TABLE N5.6-1)		OBSERVE OR PERFORM AS NOTED
B. INSPECTION TASKS DURING BOLTING (OBSERVE, THE QA TASKS LISTED IN AISC 360, TABLE N5.6-2)		OBSERVE
1) PRE-TENSIONED AND SLIP-CRITICAL JOINTS		
a) TURN-OF-NUT WITH MATCHING MARKINGS.		PERIODIC
b) DIRECT TENSION INDICATOR		PERIODIC
c) TWIST-OFF TYPE TENSION CONTROL BOLT		PERIODIC
d) TURN-OF-NUT WITHOUT MATCHING MARKINGS		CONTINUOUS
e) CALIBRATED WRENCH		CONTINUOUS
2) SNUG-TIGHT JOINTS		PERIODIC
C. INSPECTION TASKS AFTER BOLTING (PERFORM TASKS FOR EACH BOLTED CONNECTION, IN ACCORDANCE WITH QA TASKS LISTED IN AISC 360, TABLE N5.6-3)		PERFORM
INSPECTION OF STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE PLACEMENT IN ACCORDANCE WITH QA TASKS LISTED IN AISC 360, TABLE N6.1	SHOP AND FIELD INSPECTION AND TESTING	OBSERVE OR PERFORM AS NOTED

1705.2.2 STEEL CONSTRUCTION OTHER THAN STRUCTURAL

MATERIAL/ACTIVITY	SERVICE	EXTENT
MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK:		
A. IDENTIFICATION MARKINGS	FIELD INSPECTION	PERIODIC
B. MANUFACTURER'S CERTIFIED TEST REPORTS	SUBMITTAL REVIEW	EACH SUBMITTAL
CONNECTING COLD-FORMED STEEL DECK TO SUPPORTING STRUCTURE:		
A. WELDING	SHOP AND FIELD INSPECTION	PERIODIC
B. OTHER FASTENERS (IN ACCORDANCE WITH AISC 360, SECTION N6)		
VERIFY FASTENERS ARE IN CONFORMANCE WITH APPROVED SUBMITTAL		PERIODIC
2) VERIFY FASTENER INSTALLATION IS IN ACCORDANCE WITH APPROVED SUBMITTAL AND MANUFACTURER'S RECOMMENDATIONS		PERIODIC

REINFORCING STEEL:

MATERIAL/ACTIVITY	SERVICE	EXTENT
A. REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, BOUNDARY ELEMENTS OF SPECIAL CONCRETE STRUCTURAL WALLS AND SHEAR REINFORCEMENT	SHOP AND FIELD INSPECTION	CONTINUOUS
C. SHEAR REINFORCEMENT		CONTINUOUS
D. OTHER REINFORCING STEEL		PERIODIC

1705.3 CONCRETE CONSTRUCTION

MATERIAL/ACTIVITY	SERVICE	EXTENT
INSPECTION OF REINFORCING STEEL INSTALLATION	SHOP AND FIELD INSPECTION	PERIODIC
INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED PER SECTION 1908.5 OR WHERE STRENGTH DESIGN IS USED	SHOP AND FIELD INSPECTION	PERIODIC
INSPECTION OF ANCHORS AND REINFORCING STEEL POST-INSTALLED IN HARDENED CONCRETE: PER RESEARCH REPORTS INCLUDING VERIFICATION OF ANCHOR TYPE, ANCHOR DIMENSIONS, HOLE DIMENSIONS, HOLE CLEANING PROCEDURES, ANCHOR SPACING, EDGE DISTANCES, CONCRETE MINIMUM THICKNESS, ANCHOR EMBEDMENT AND TIGHTENING TORQUE	FIELD INSPECTION	PERIODIC OR AS REQ'D BY THE RESEARCH REPORT ISSUED BY AN APPROVED SOURCE
VERIFY USE OF APPROVED DESIGN MIX	SHOP AND FIELD INSPECTION	PERIODIC
FRESH CONCRETE SAMPLING, PERFORM SLUMP AND AIR CONTENT TESTS AND DETERMINE TEMPERATURE OF CONCRETE	SHOP AND FIELD INSPECTION	CONTINUOUS
INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	SHOP AND FIELD INSPECTION	CONTINUOUS
INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	SHOP AND FIELD INSPECTION	PERIODIC
INSPECTION OF FORMWORK FOR SHAPE, LINES, LOCATION AND DIMENSIONS	FIELD INSPECTION	PERIODIC
CONCRETE STRENGTH TESTING AND VERIFICATION OF COMPLIANCE WITH CONSTRUCTION DOCUMENTS	FIELD TESTING AND REVIEW OF LABORATORY REPORTS	PERIODIC

1705.4 MASONRY CONSTRUCTION

MATERIAL/ACTIVITY	SERVICE	EXTENT
(A) LEVEL A, B AND C QUALITY ASSURANCE:		
1) VERIFY COMPLIANCE WITH APPROVED SUBMITTALS	FIELD INSPECTION	PERIODIC
(B) LEVEL B QUALITY ASSURANCE:		
1) VERIFICATION OF Fm AND FmAC PRIOR TO CONSTRUCTION	TESTING BY UNIT STRENGTH METHOD OR PRISM TEST METHOD	PERIODIC
(C) LEVEL C QUALITY ASSURANCE:		
1) VERIFICATION OF Fm AND FmAC PRIOR TO CONSTRUCTION AND FOR EVERY 5,000 SF DURING CONSTRUCTION	TESTING BY UNIT STRENGTH METHOD OR PRISM TEST METHOD	PERIODIC
2) VERIFICATION OF PROPORTIONS OF MATERIALS IN PREMIXED OR PREBLEND MORTAR, PRE-STRESSING GROUT, AND GROUT OTHER THAN SELF-CONSOLIDATING GROUT, AS DELIVERED TO THE PROJECT SITE	FIELD INSPECTION	CONTINUOUS
3) VERIFY PLACEMENT OF MASONRY UNITS	FIELD INSPECTION	PERIODIC
(D) LEVELS B AND C QUALITY ASSURANCE:		
1) VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) OF SELF-CONSOLIDATING GROUT AS DELIVERED TO THE PROJECT	FIELD TESTING	CONTINUOUS
2) VERIFY COMPLIANCE WITH APPROVED SUBMITTALS	FIELD INSPECTION	PERIODIC
3) VERIFY PROPORTIONS OF SITE-MIXED MORTAR, GROUT AND PRE-STRESSING GROUT FOR BONDED TENDONS	FIELD INSPECTION	PERIODIC
4) VERIFY GRADE, TYPE, AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS, AND PRE-STRESSING TENDONS AND ANCHORAGES	FIELD INSPECTION	PERIODIC
5) VERIFY CONSTRUCTION OF MORTAR JOINTS	FIELD INSPECTION	PERIODIC
6) VERIFY PLACEMENT OF REINFORCEMENT, CONNECTORS, AND PRE-STRESSING TENDONS AND ANCHORAGES	FIELD INSPECTION	PERIODIC
7) VERIFY GROUT SPACE PRIOR TO GROUTING	FIELD INSPECTION	PERIODIC
8) VERIFY PLACEMENT OF GROUT AND PRE-STRESSING GROUT FOR BONDED TENDON	FIELD INSPECTION	CONTINUOUS
9) VERIFY SIZE AND LOCATION OF STRUCTURAL MASONRY ELEMENTS	FIELD INSPECTION	PERIODIC
10) VERIFY TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	FIELD INSPECTION	LEVEL B - PERIODIC LEVEL C - CONTINUOUS
11) VERIFY WELDING OF REINFORCEMENT (SEE 1705.2.2)	FIELD INSPECTION	CONTINUOUS
12) VERIFY SEPARATION OF CONSTRUCTION AND PROTECTION OF MASONRY DURING AND AFTER WEATHER PROTECTION (REL TO 17) OR HOT WEATHER TEMPERATURES (REL TO 18)	FIELD INSPECTION	PERIODIC
13) VERIFY APPLICATION AND PLACEMENT OF PRE-STRESSING FORCE	FIELD INSPECTION	CONTINUOUS
14) VERIFY PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS (FIRST 5000 SF OF AAC MASONRY)	FIELD INSPECTION	CONTINUOUS
15) VERIFY PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS (AFTER THE FIRST 5000 SF OF AAC MASONRY)	FIELD INSPECTION	LEVEL B - PERIODIC LEVEL C - CONTINUOUS
16) VERIFY PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY (FIRST 5000 SF OF AAC MASONRY)	FIELD INSPECTION	CONTINUOUS

17) VERIFY PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY (AFTER THE FIRST 5000 SF OF AAC MASONRY)	FIELD INSPECTION	LEVEL B - PERIODIC LEVEL C - CONTINUOUS
18) PREPARE GROUT AND MORTAR SPECIMENS	FIELD TESTING	PERIODIC
19) OBSERVE PREPARATION OF PRISMS	FIELD INSPECTION	LEVEL B - PERIODIC LEVEL C - CONTINUOUS

1705.6 SOILS (STRUCTURAL) SEE CIVIL FOR MASS GRADING AND OUTSIDE BLDG LIMITS

MATERIAL/ACTIVITY	SERVICE	EXTENT
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	FIELD INSPECTION	PERIODIC
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	FIELD INSPECTION	PERIODIC
PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS	FIELD INSPECTION	PERIODIC
VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL	FIELD INSPECTION	CONTINUOUS
PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	FIELD INSPECTION	PERIODIC

1705.10.2 COLD-FORMED STEEL SPECIAL INSPECTIONS FOR WIND RESISTANCE

MATERIAL/ACTIVITY	SERVICE	EXTENT
INSPECTION DURING WELDING OPERATIONS OF ELEMENTS OF THE MAIN WINDFORCE-RESISTING SYSTEM	SHOP AND FIELD INSPECTION	PERIODIC
INSPECTIONS FOR SCREW ATTACHMENT, BOLTING, ANCHORING AND OTHER FASTENING OF COMPONENTS WITHIN THE MAIN WINDFORCE-RESISTING SYSTEM	SHOP AND FIELD INSPECTION	PERIODIC

1705.10.3 WIND-RESISTING COMPONENTS

MATERIAL/ACTIVITY	SERVICE	EXTENT
ROOF CLADDING	SHOP AND FIELD INSPECTION	PERIODIC
WALL CLADDING	SHOP AND FIELD INSPECTION	PERIODIC

1705.11 SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE - DEFINED ARCH/MECH/ELEC

MATERIAL/ACTIVITY	SERVICE	EXTENT
1705.11.1 STRUCTURAL STEEL		
INSPECTION OF STRUCTURAL STEEL IN ACCORDANCE WITH AISC 341	SHOP AND FIELD INSPECTION	PERIODIC

1705.11.3 COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION

MATERIAL/ACTIVITY	SERVICE	EXTENT
INSPECTION DURING WELDING OPERATIONS OF ELEMENTS OF THE SEISMIC-FORCE RESISTING SYSTEM	SHOP AND FIELD INSPECTION	PERIODIC
INSPECTIONS FOR SCREW ATTACHMENT, BOLTING, ANCHORING AND OTHER FASTENING OF COMPONENTS WITHIN THE SEISMIC-FORCE-RESISTING SYSTEM	SHOP AND FIELD INSPECTION	PERIODIC

1705.11.4 DESIGNATED SEISMIC SYSTEM VERIFICATION

MATERIAL/ACTIVITY	SERVICE	EXTENT
INSPECT AND VERIFY THAT THE COMPONENTS, ANCHORAGE OR MOUNTING CONFORMS TO THE CERTIFICATE OF COMPLIANCE IN ACCORDANCE WITH SECTION 1705.11.3	FIELD INSPECTION	PERIODIC

1705.11.5 ARCHITECTURAL COMPONENTS

MATERIAL/ACTIVITY	SERVICE	EXTENT
INSPECTION DURING THE INSTALLATION AND FASTENING OF EXTERIOR CLADDING AND INTERIOR AND EXTERIOR VENEER	FIELD INSPECTION	PERIODIC
INSPECTION DURING THE ERECTION AND FASTENING OF INTERIOR AND EXTERIOR NON-LOAD BEARING WALLS	FIELD INSPECTION	PERIODIC
INSPECTION DURING ANCHORAGE OF ACCESS FLOORS	FIELD INSPECTION	PERIODIC

1705.11.6 MECHANICAL AND ELECTRICAL COMPONENTS

MATERIAL/ACTIVITY	SERVICE	EXTENT
INSPECTION DURING THE ANCHORAGE OF ELECTRICAL EQUIPMENT FOR EMERGENCY OR STANDBY POWER SYSTEMS	FIELD INSPECTION	PERIODIC
INSPECTION DURING ANCHORAGE OF OTHER ELECTRICAL EQUIPMENT	FIELD INSPECTION	PERIODIC
INSPECTION DURING INSTALLATION AND ANCHORAGE OF PIPING SYSTEMS DESIGNED TO CARRY HAZARDOUS MATERIALS, AND THEIR ASSOCIATED MECHANICAL UNITS	FIELD INSPECTION	PERIODIC
INSPECTION DURING THE INSTALLATION AND ANCHORAGE OF HVAC DUCTWORK THAT WILL CONTAIN HAZARDOUS MATERIALS	FIELD INSPECTION	PERIODIC
INSPECTION DURING INSTALLATION AND ANCHORAGE OF VIBRATION ISOLATION SYSTEMS	FIELD INSPECTION	PERIODIC
1705.11.7 STORAGE RACKS		
INSPECTION DURING THE ANCHORAGE OF STORAGE RACKS 8 FEET OR GREATER IN HEIGHT	FIELD INSPECTION	PERIODIC

1705.12 TESTING AND QUALIFICATION FOR SEISMIC RESISTANCE

MATERIAL/ACTIVITY	SERVICE	EXTENT
1705.12.1 CONCRETE REINFORCEMENT		
REVIEW CERTIFIED MILL TEST REPORTS FOR EACH SHIPMENT OF REINFORCEMENT USED TO RESIST EARTHQUAKE-INDUCED FLEXURAL AND AXIAL FORCES IN REINFORCED CONCRETE SPECIAL MOMENT FRAMES, SPECIAL STRUCTURAL WALLS, AND COUPLING BEAMS CONNECTING SPECIAL STRUCTURAL WALLS	REVIEW CERTIFIED MILL TEST REPORTS	EACH SHIPMENT
VERIFY REINFORCEMENT WELDABILITY OF ASTM A615 REINFORCEMENT USED TO RESIST EARTHQUAKE-INDUCED FLEXURAL AND AXIAL FORCES IN REINFORCED CONCRETE SPECIAL MOMENT FRAMES, SPECIAL STRUCTURAL WALLS, AND COUPLING BEAMS CONNECTING SPECIAL STRUCTURAL WALLS	REVIEW TEST REPORTS	EACH SHIPMENT
1705.12.2 STRUCTURAL STEEL		
TEST IN ACCORDANCE WITH THE QUALITY ASSURANCE REQUIREMENTS OF AISC 341	SHOP AND FIELD TESTING	PER AISC 341
1705.12.3 SEISMIC CERTIFICATION OF NONSTRUCTURAL COMPONENTS		
REVIEW CERTIFICATE OF COMPLIANCE FOR DESIGNATED SEISMIC SYSTEM COMPONENTS	CERTIFICATE OF COMPLIANCE REVIEW	EACH SHIPMENT

1705.16 FIRE-RESISTANT PENETRATIONS AND JOINTS

MATERIAL/ACTIVITY	SERVICE	EXTENT
INSPECT PENETRATION FIRESTOP	FIELD TESTING	PER ASTM E2174 PER ASTM E2393
INSPECT FIRE-RESISTANT JOINT SYSTEMS	FIELD TESTING	

1705.17 SMOKE CONTROL SYSTEMS

MATERIAL/ACTIVITY	SERVICE	EXTENT
LEAKAGE TESTING AND RECORDING OF DEVICE LOCATIONS PRIOR TO CONCEALMENT	FIELD TESTING	PERIODIC
PRIOR TO OCCUPANCY AND AFTER SUFFICIENT COMPLETION, PRESSURE DIFFERENCE TESTING, FLOW MEASUREMENTS, AND DETECTION AND CONTROL VERIFICATION	FIELD TESTING	PERIODIC

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 PROJECT LOCATION:
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FIRESTATION #3

REV	DATE	BY	ISSUED FOR	DESCRIPTION
0	12/21/18	MWL	ISSUED FOR BID	

PROJECT NO. 3042.1604
 DRAWN BY: CB
 CHECKED BY: MWL
 DATE: 10/08/18
 SHEET TITLE:
SPECIAL INSPECTIONS
 SCALE: AS NOTED
 DRAWING NO. **S-002**
 REV: 0