

STRUCTURAL STEEL:

1. THE CONTRACTOR WILL ENGAGE THE SERVICES OF A QUALIFIED SPECIAL INSPECTOR FOR THIS PROJECT, WHO WILL PROVIDE AND/OR COORDINATE INSPECTION AND TESTING REQUIREMENTS AS NECESSARY IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 17 OF THE NYS BUILDING CODE.
2. THE ENGINEER HAS PREPARED A STATEMENT OF SPECIAL INSPECTIONS, INCLUDING THE SCHEDULE OF SPECIAL INSPECTIONS, TO BE SUBMITTED WITH THE CONTRACT DOCUMENTS AND THE APPLICATION FOR BUILDING PERMIT TO THE CODE ENFORCEMENT OFFICIAL.
3. REFERENCE TO THE SCHEDULE OF SPECIAL INSPECTIONS AND TO THE SPECIFICATIONS FOR REQUIRED SPECIAL INSPECTIONS SHALL BE MADE IN THE INSPECTION AND TESTING SCHEDULE. TESTING SHALL BE CONTINUOUS OR PERIODIC DURING THE PERFORMANCE OF THE WORK, AS NOTED.
4. THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING WITH THE ENGINEER, SPECIAL INSPECTOR, TESTING AGENCY, AND AFFECTED SUBCONTRACTORS TO REVIEW THE REQUIRED SPECIAL INSPECTION AND TESTING REQUIREMENTS FOR THE PROJECT. THE CONTRACTOR SHALL DISTRIBUTE CONSTRUCTION SCHEDULES TO EACH ATTENDEE.
5. THE SPECIAL INSPECTOR SHALL SUBMIT INTERIM REPORTS AND, AT COMPLETION OF SPECIAL INSPECTIONS, A FINAL STATEMENT OF SPECIAL INSPECTIONS. REPORTS SHALL BE STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER.
6. THE SPECIAL INSPECTOR SHALL NOTIFY THE CONTRACTOR IMMEDIATELY OF DISCREPANCIES. SUBSEQUENT REPORTS SHALL BE GIVEN WHEN AND HOW DEFICIENCIES WERE CORRECTED. THE SPECIAL INSPECTOR SHALL NOTIFY THE ENGINEER AND THE CODE ENFORCEMENT OFFICIAL OF DISCREPANCIES WHICH HAVE NOT BEEN CORRECTED.
7. THE CONTRACTOR SHALL COOPERATE WITH THE SPECIAL INSPECTOR INCLUDING ADVANCE NOTIFICATION OF REQUIRED SPECIAL INSPECTION OR TEST, INCIDENTAL LABOR AND SAFE ACCESS TO THE WORK AREAS, AND ACCESS TO THE CONTRACT DOCUMENTS SO THAT INSPECTIONS AND TESTING MAY BE PERFORMED WITHOUT HINDERANCE.
8. THE SPECIAL INSPECTION PROGRAM SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE OBLIGATION TO PERFORM THE WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OR FROM IMPLEMENTING AN EFFECTIVE QUALITY CONTROL PROGRAM.

AGENT NO.	INSPECTOR
1	SPECIAL INSPECTOR
2	GEOTECHNICAL ENGINEER/INSPECTOR
3	TESTING/INSPECTING AGENCY
4	ARCHITECT/ENGINEER
KEY OF MINIMUM QUALIFICATIONS OF INSPECTION AGENTS (MQIA)	
PE	PROFESSIONAL ENGINEER
EIT	ENGINEER IN TRAINING
ACI	AMERICAN CONCRETE INSTITUTE CERTIFIED CONCRETE FIELD TESTING TECHNICIAN
AWS	AMERICAN WELDING SOCIETY CERTIFIED WELDING INSPECTOR
ASNT	AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING-LEVEL II OR III

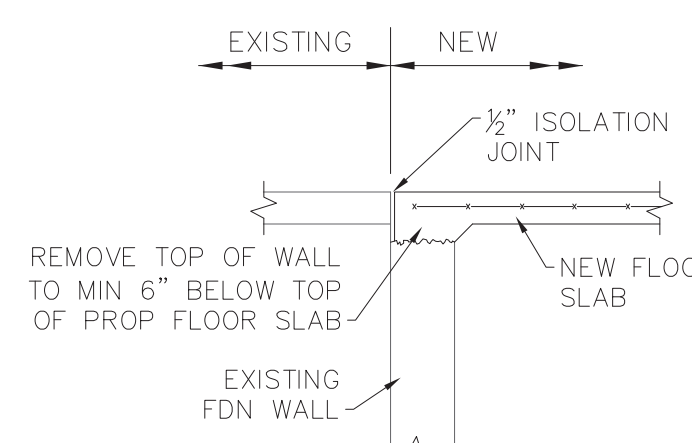
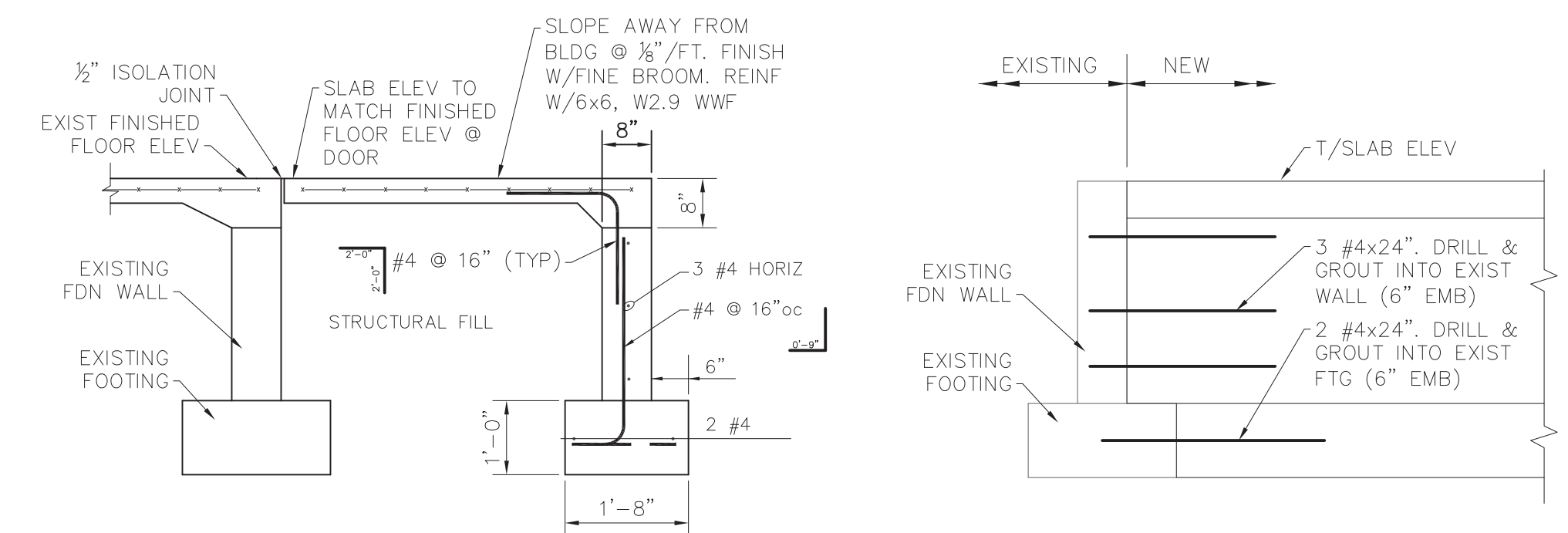
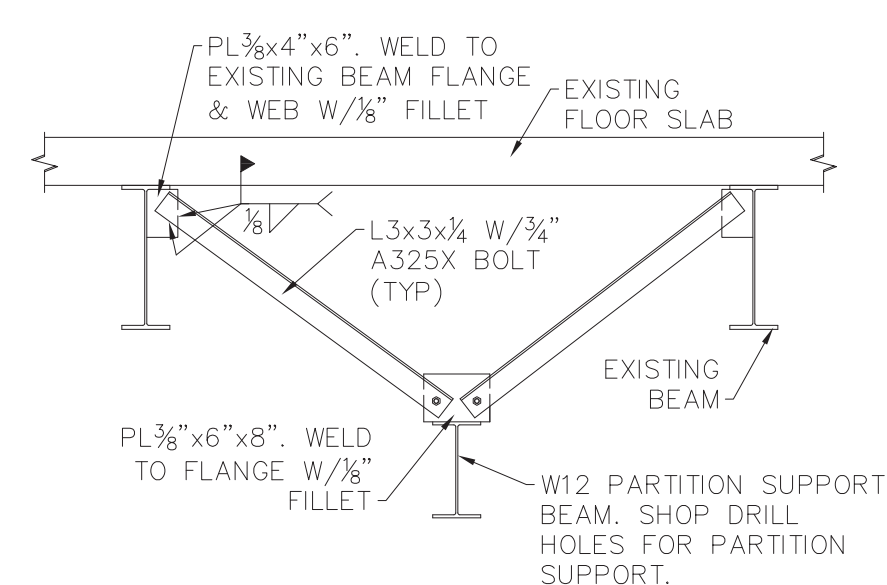
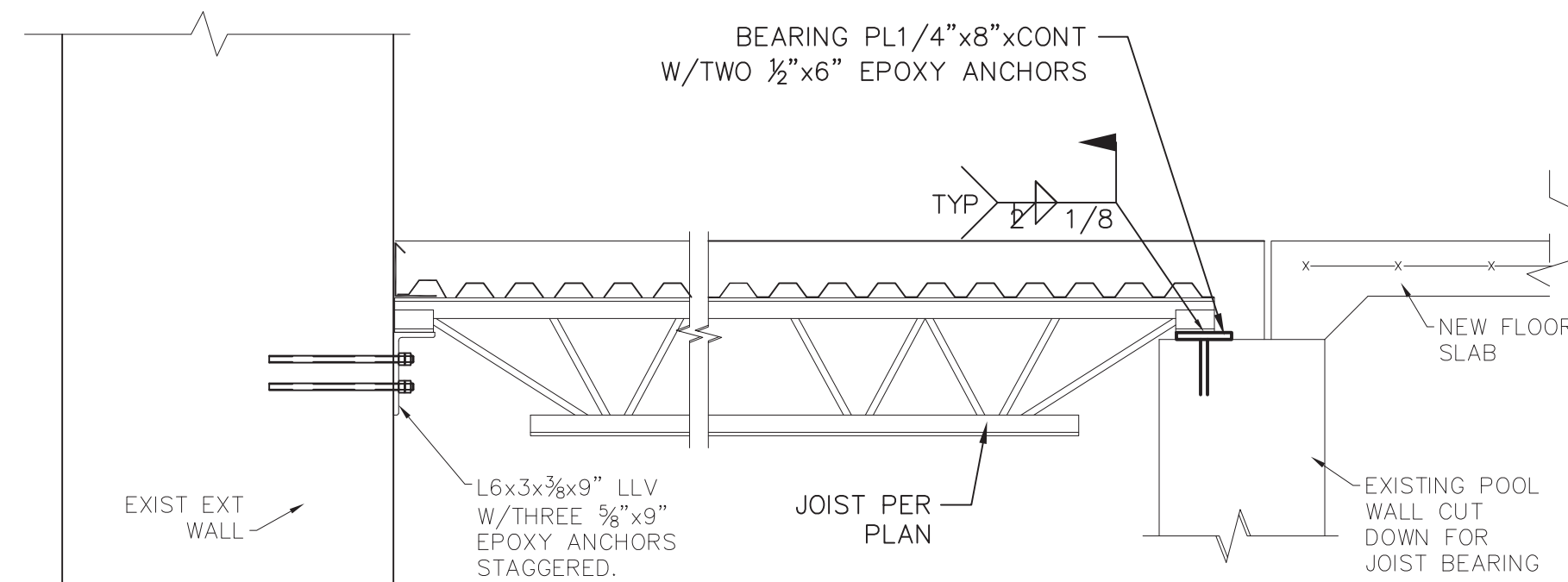
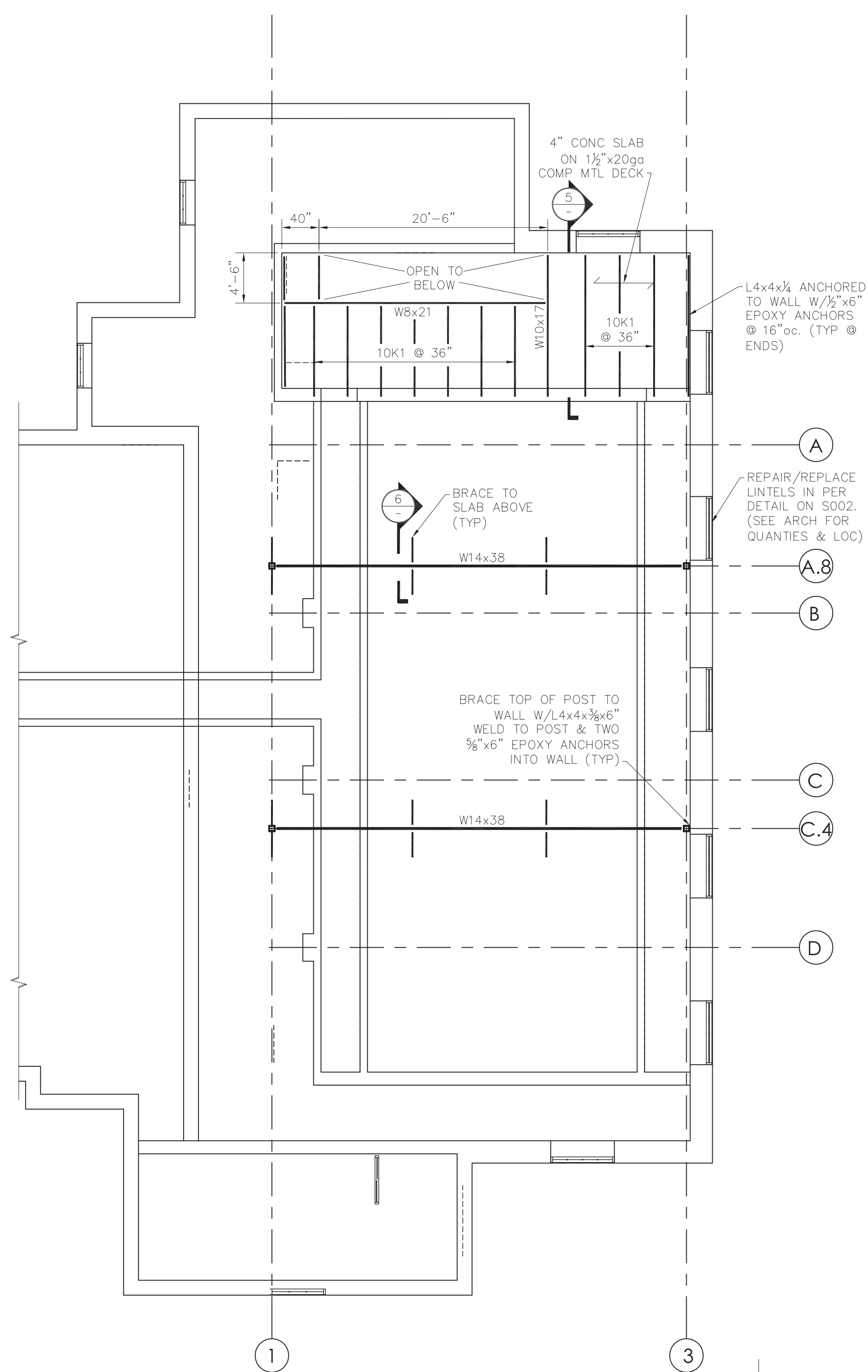
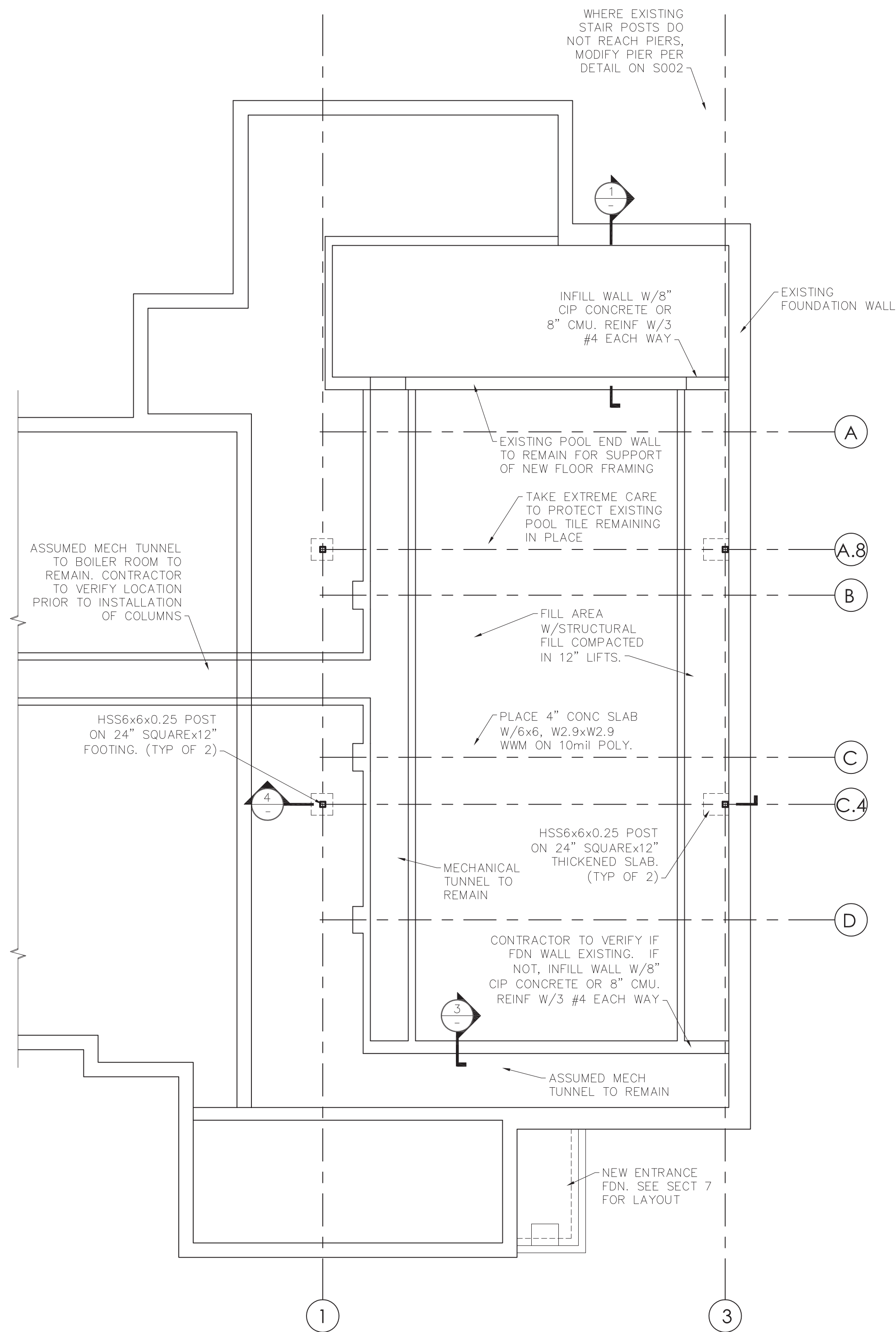
VERIFICATION/INSPECTION	AGENT NO. / MQIA	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. SOILS					
a. VERIFY SOIL PREPARATION; REVIEW PROOF ROLLING.	2/PE	—	X		1704.7.1
b. REVIEW SUBMITTALS FOR FILL MATERIAL.	2/PE	—	X		1704.7.2
c. VERIFY USE OF FILL MATERIAL AND LIFT THICKNESS IN FIELD	2 OR 3	—	X		1704.7.2
d. REVIEW FOOTING BEARING STRATA.	2/PE	—	X		
e. REVIEW SLAB SUBGRADE AND SUBBASE PREPARATION.	2/PE	—	X		
2. COMPACTION TESTING					
ONE TEST FOR EACH SPREAD FOOTING, FOR EACH 20-FOOT LENGTH OF STRIP FOOTING, AND FOR EACH 2000 SF OF BUILDING AREA.	3	—	X		1704.7.3
3. MOISTURE CONTENT TESTING OF SLAB SUBBASE. ONE TEST FOR EACH 2000 SF OF BUILDING AREA. MINIMUM OF FOUR TESTS PER AREA.	3	—	X		ASTM F 1869

VERIFICATION/INSPECTION	AGENT NO. / MQIA	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL. a. FOOTINGS AND FROST WALLS. b. RETAINING AND BASEMENT WALLS. c. SLABS ON GRADE AND DECK.	1	—	X 25% — X 50% — X 25%	ACI 318: 3.5, 7.1–7.7	1903.5, 1907.1, 1907.7, 1914.4
2. INSPECT BOLTS AND ANCHOR RODS INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE: a. WHERE ALLOWABLE LOADS HAVE BEEN INCREASED. b. AT COLUMNS IN BRACED FRAMES, MOMENT FRAMES, & WHERE RODS ARE SUBJECT TO SHEAR OR TENSION.	1	X	—		1912.5
3. VERIFYING USE OF REQUIRED DESIGN MIX.	3	X	—	ACI 318: CH. 4, 5.2–5.4	1904, 1905.2, 1905.4, 1914.2, 1914.3
4. SAMPLING FRESH CONCRETE AND PERFORMING SLUMP, AIR CONTENT, UNIT WEIGHT, AND DETERMINING THE TEMPERATURE OF FRESH CONCRETE AT THE TIME OF MAKING SPECIMENS FOR STRENGTH TESTS.	3/ACI	X	—	ASTM C172 ASTM C31 ACI 318: 5.6, 5.8	1905.6, 1914.10
5. INSPECTION OF CONCRETE FOR PROPER APPLICATION TECHNIQUES.	1 OR 3/ACI	X	—	ACI 318: 5.9, 5.10	1905.9, 1905.10, 1914.6, 1914.7, 1914.8
6. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	1 OR 3/ACI	X	—	ACI 318: 5.11–5.13	1905.11, 1905.13, 1914.9
7. SLAB TESTING: a. FLOOR FLATNESS AND LEVELNESS. b. MOISTURE VAPOR EMISSION AND ALKALINITY.	3 3	— —	X 100% X 100%	ASTM E 1155 ASTM F 1869	

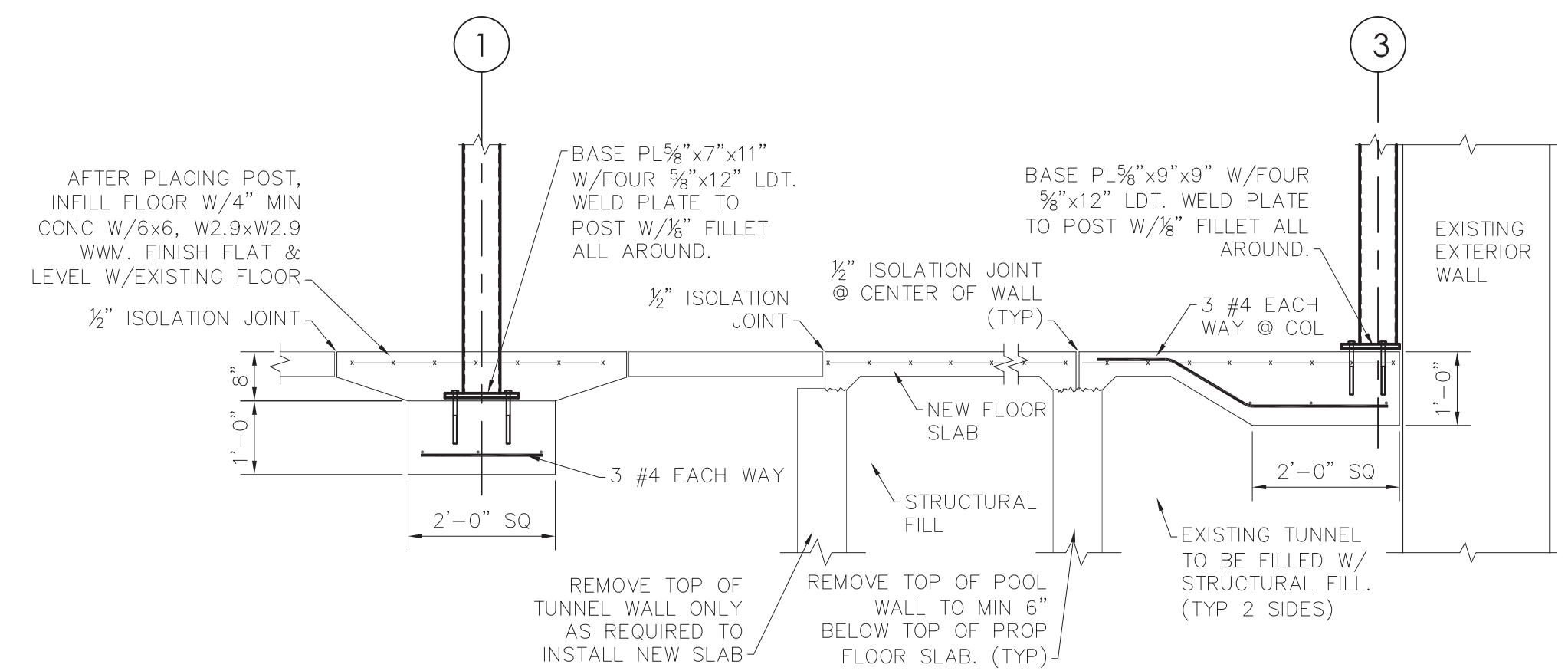
VERIFICATION/INSPECTION	AGENT NO. / MQIA	CONTINUOUS	PERIODIC	REFERENCE STANDARD	IBC REFERENCE
1. VERIFY THAT FABRICATOR(S) MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES. REVIEW PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS FOR THE FABRICATOR'S SCOPE OF WORK.	1	—	X		1704.2
2. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS, & WASHERS: a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS. b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	3 1	—	X 100%	APPLICABLE ASTM MATERIAL SPECIFICATIONS; AISC ASD A3.4; AISC LRFD, A3.3	
3. INSPECTION OF HIGH-STRENGTH BOLTING: a. BEARING-TYPE CONNECTIONS. b. SLIP—CRITICAL CONNECTIONS.	3 3	— X	X 100% —	AISC LRFD SECTION M2.5	1704.3.3
4. MATERIAL VERIFICATION OF STRUCTURAL STEEL: a. IDENTIFICATION MARKING TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS. b. MANUFACTURER'S CERTIFIED MILL TEST REPORTS REQUIRED.	3 1	— —	X 100% X 100%	ASTM A 6 OR ASTM A568 ASTM A 6 OR ASTM A568	1708.4
5. PERFORM PULL-OUT TESTS ON DORIZED-IN ANCHORS. a. TEST 10% OF ANCHORS TO LOAD OF 50% OF ALLOWABLE PULL-OUT STRENGTH. b. TEST 100% OF ANCHORS BY PULLING WITH HAMMER.	3	—	X		
6. MATERIAL VERIFICATION OF WELD FILLER MATERIALS: a. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED DOCUMENTS. b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	3/AWS 1	—	X (DURING WELD INSPECTION)	AISC, ASD, A3.6; AISC, LRFD, A3.5	
7. INSPECTION OF WELDING: a. STRUCTURAL STEEL 1. COMPLETE & PARTIAL PENETRATION GROOVE WELDS. 2. MULTI-PASS FILLET WELDS. 3. SINGLE-PASS FILLET WELDS $\geq\frac{3}{16}$ ". 4. SINGLE-PASS FILLET WELDS $\geq\frac{3}{16}$ ". 5. FLOOR AND DECK WELDS & SHEAR CONNECTOR WELDS.	3/AWS 3/AWS 3/AWS 3/AWS 3/AWS	X X — —	— — X 100% X 100%	AWS D1.1 AWS D1.3	1704.3.1
8. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED DOCUMENTS. a. DETAILS SUCH AS BRACING & STIFFENING. b. MEMBER LOCATIONS. c. APPLICATION OF JOINT DETAILS AT CONNECTIONS.	1/PE 1 1	—	X 100%		1704.3.2
9. INSPECT CONDITION OF ERECTED MATERIALS.	1 AND 3	—	X 100%		1704.2
10. VERIFY COLUMN PLUMBNESS & SPLICES.	3	—	X 100%		



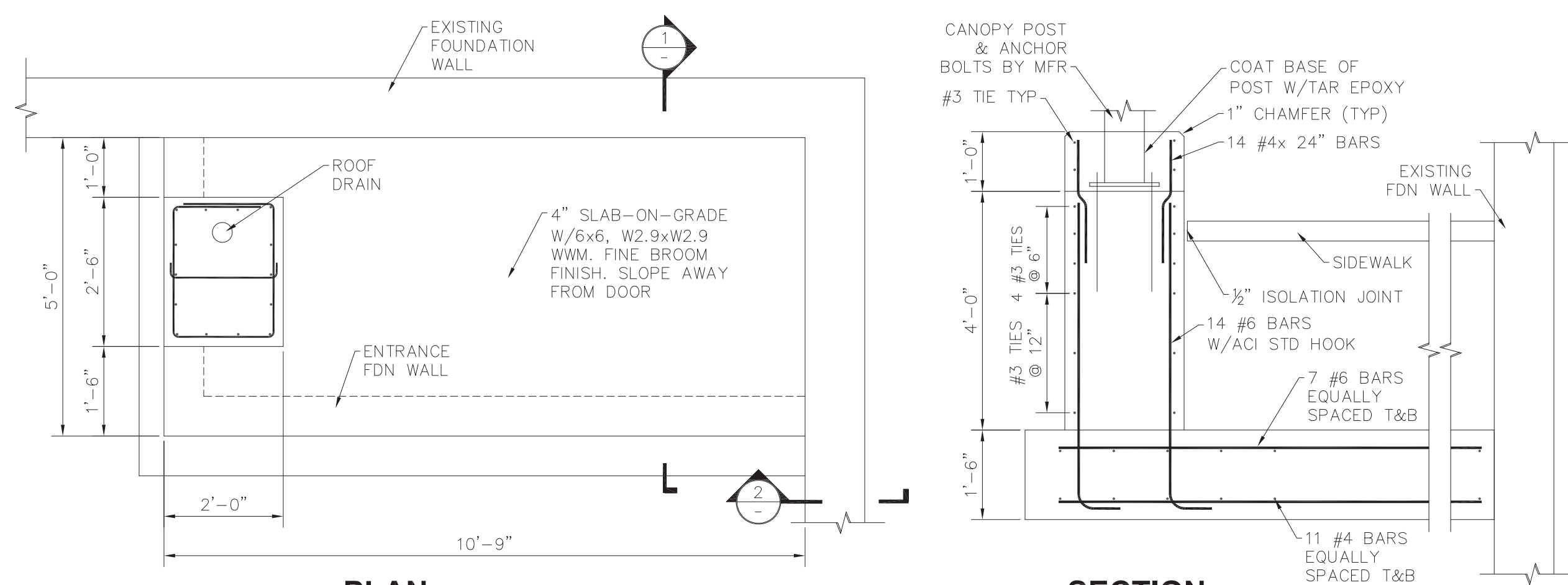
- 1.1. THE EXISTING MASONRY AND LINTEL SHALL BE REMOVED CAREFULLY WITH HAND TOOLS ONLY.
- 1.2. NEW LINTEL SHALL BE INSTALLED AS SOON AS THE EXISTING LINTEL IS REMOVED AND THE MASONRY SHALL BE REPAIRED TO PROVIDE FULL BEARING OF THE WALL ON THE LINTEL.
- 1.3. WHERE EXISTING WALL IS MULTIPLE WYTHES OF STANDARD BRICK, THE LINTEL CAN BE REPLACED AS MULTIPLE 4" WALLS OR 8" WALLS.
- 1.4. EACH LINTEL SHALL BEAR ON THE EXISTING WALL WITH THE BEARING LENGTHS NOTED ABOVE.
- 1.5. AT THE ARCHITECTS DISCRETION, WHERE THE INSIDE FACE OF THE WALL WILL BE FINISHED, THE NEW LINTEL ANGLE MAY BE ON THE EXPOSED FACE OF THE WALL.
2. ABOVE TABLE IS FOR STEEL LITENLS IN NON-LOAD BEARING WALLS.
3. ALL EXTERIOR LINTEL SHALL BE GALVANIZED AFTER FABRICATION. FINISH PAINT, COLOR, ETC. PER ARCHITECT.
4. CORES BELOW BEARING POINTS SHALL BE GROUTED SOLID FOR FULL HEIGHT & REINFORCED.
5. DO NOT LOCATE CONTROL OR ISOLATION JOINTS ABOVE LENGTH OF THE LINTEL.



- NOTES:
1. TYPICAL AT END AND SIDE WALLS OF EXISTING POOL AND MECHANICAL CHASES.
 2. HAUNCH SLAB DOWN TO TOP OF WALL
 3. AT TUNNEL, WHERE EXISTING SLAB EXTENDS OVER TOP-OF-WALL, CUT SLAB AT CENTER OF WALL, INSTALL ISOLATION JOINT, & PLACE NEW SLAB TO FACE OF JOINT.



- NOTES:
1. WHERE POST IS BELOW TOP OF SLAB, SEAL
POST, PLATE, BOLTS, ETC. W/ ASPHALT
BASED SEALANT.



- NOTES:
1. FINAL PIER SIZE TO BE VERIFIED WITH CANOPY MFR POST, BASE PLATE, & ANCHOR BOLT REQUIREMENTS.
 2. EXPOSED PORTIONS OF PIER SHALL HAVE SMOOTH RUBBED FINISH.
 3. ALL CANOPY STEEL COMPONENTS EMBEDDED IN CONCRETE SHALL HAVE FACTORY APPLIED TAR EPOXY FINISH.
 4. PROVIDE 1/2" ISOLATION JOINT FILLER BETWEEN CONCRETE AND POST. FINISH TOP OF JOINT WITH SILICONE BASED SEALANT.