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STATEMENT OF REQUIRED VERIFICATIONS AND SPECIAL INSPECTIONS

CBC TABLE 1704.4 REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT	-	X	ACI 308 3.5, 7.1-7.7	1913.4
2. INSPECT BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED.	X	-	-	1913.5
3. VERIFYING USE OF REQUIRED DESIGN MIX.	-	X	ACI 308 CH. 4, 5.3-5.4	1904.3.2, 1913.3, 1913.3
4. AT THE TIME FRESH CONCRETE IS SAMPLED TO FURNISH SPECIMENS FOR CONCRETE TESTS, FURNISH SAMPLES AND CONCRETE TESTS AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ACI M C 172, ASTM C 31, ACI 308 5.6, 5.8	1913.10
5. REINFORCING STEEL AND ANCHOR BOLTS UTILIZING SIMPSON SPOTTY ICC ESR-3509	X	-	-	-

CBC SECTION 1707 REQUIRED VERIFICATION AND INSPECTION FOR SEISMIC RESISTANCE

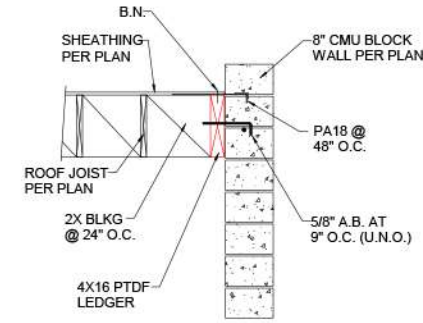
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
1. INSPECTION OF WALKING, BRACING, ANCHORING AND OTHER FASTENING COMPONENTS WITH THE SEISMIC-RESISTANCE FASTENING SYSTEM (INCLUDING WOOD SHEAR WALLS, WOOD BRACINGS, DIAPHRAGMS, STRUTS, BRACKS, SHEAR PANELS AND WOOD-TIMBER EXCEPT WOOD FASTENER SPACING OF THE SHEATHING IS MORE THAN 4" O.C.)	-	X

CBC SECTION 1704.6 REQUIRED VERIFICATION AND INSPECTION FOR PREFAB./MANUFACTURED WOOD

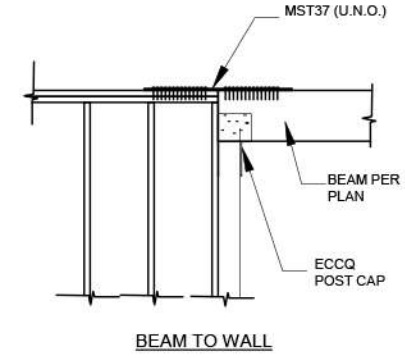
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
3. WHERE FABRICATION OF STRUCTURAL LOAD-BEARING MEMBERS AND ASSEMBLIES (TRUSSES, JOISTS, AND JOIST BEAMS) IS BEING PERFORMED ON THE PREMISES OF A FABRICATOR, SPECIAL INSPECTION OF THE FABRICATED ITEMS SHALL BE REQUIRED BY SECTION 1704.2 AND AS REQUIRED ELSEWHERE IN THE CODE.	-	X

CBC TABLE 1704.5.1 LEVEL 1 LEVEL 1 SPECIAL INSPECTIONS MASONRY

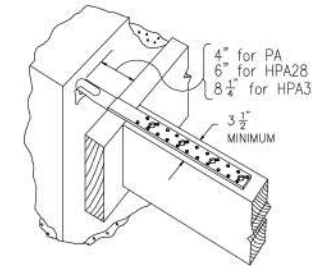
INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA	
	CONTINUOUS DURING TASK LISTED	PERIODIC DURING TASK LISTED	IBC SECTION	ACI 530/ASCE 5/TMS 402* ACI 530.1/ASCE 6/TMS 602*
1. AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:	-	X	-	-
a. Proportions of site-prepared mortar.	-	X	-	Art. 2.6A
b. Construction of mortar joints.	-	X	-	Art. 3.3B
c. Location of reinforcement, connectors, prestressing tendons and anchors.	-	X	-	Art. 3.A, 3.6A
d. Prestressing technique.	-	X	-	Art. 3.6B
e. Grade and size of prestressing tendons and anchors.	-	X	-	Art. 2.4D, 2.4E
2. THE INSPECTION PROGRAM SHALL VERIFY:	-	X	-	-
a. Size and location of structural elements.	-	X	-	Art. 3.2D
b. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.	-	X	-	Sec. 1.3.2(5), 2.1A, 3.1A
c. Specified size, grade and type of reinforcement.	-	X	-	Sec. 1.3.3, Art. 2.4, 3.4
d. Welding of reinforcing bars.	X	-	-	Sec. 2.2.1(2), 3.3.4(3)
e. Protection of masonry during cold weather (temperature below 40°F) and hot weather (temperature above 90°F).	-	X	-	Sec. 204.3, 204.4
f. Application and measurement of prestressing force.	-	X	-	Art. 3.6B
3. PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:	-	X	-	-
a. Grout space is clean.	-	X	-	Art. 3.2D
b. Proportions of reinforcement and connectors and prestressing tendons and anchors.	-	X	-	Sec. 1.3.3, Art. 3.4
c. Proportions of site-prepared grout and prestressing grout for bonded tendons.	-	X	-	Art. 2.6B
d. Construction of mortar joints.	-	X	-	Art. 3.3B
4. GROUT PLACEMENT SHALL BE VERIFIED TO ENSURE COMPLIANCE WITH CODE AND CONSTRUCTION DOCUMENTS PROVISIONS.	X	-	-	Art. 3.5
a. Grouting of prestressing bonded tendons.	X	-	-	Art. 3.6C
5. PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MIXTURE SPECIMENS AND/OR PRESSURE SHALL BE VERIFIED.	X	-	-	Sec. 205.3.2, 205.3
6. COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.	-	X	-	Art. 1.5



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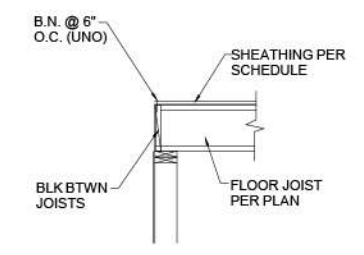


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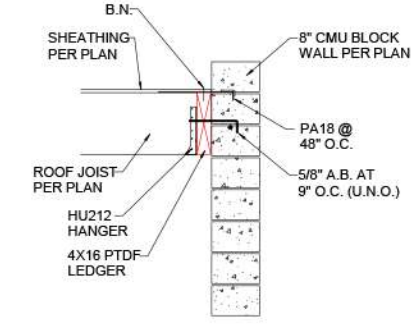


- One #4 vertical rebar, 32" long, 16" each side of anchor;
- Two courses of grout filled block above and below the anchor (no cold joints allowed);
- A horizontal bond beam with two #4 rebars, 40" long, a maximum of two courses above or below the anchor.
- Minimum masonry compressive strength,  $f_m = 1500$  psi.

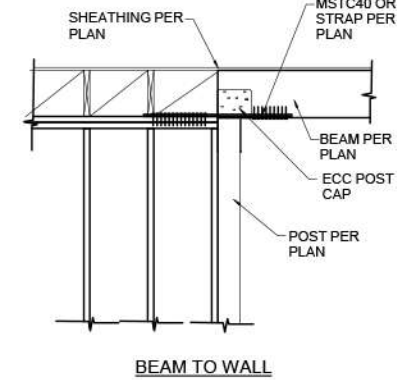
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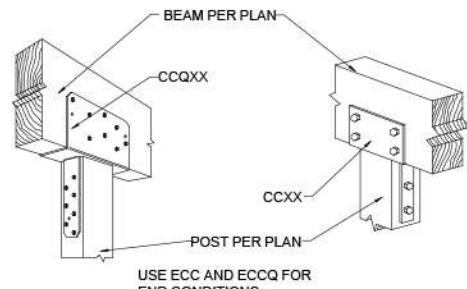
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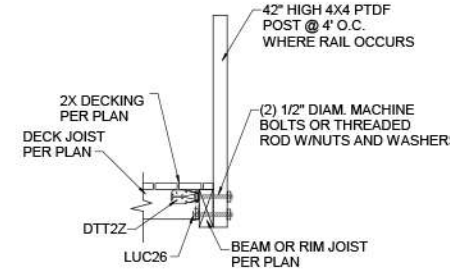
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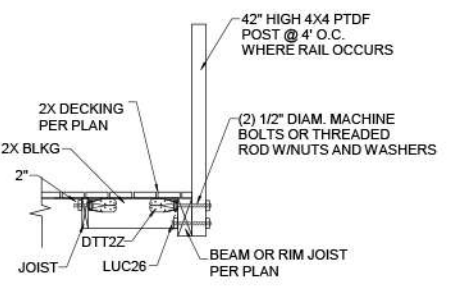
UNLESS NOTED OTHERWISE:  
SAWEN JOISTS USE LUS210  
PSL USE HUCQ610-SDS  
TJI360X14 USE ITS2.37/14

JOIST TO LEDGER/BEAM DETAIL

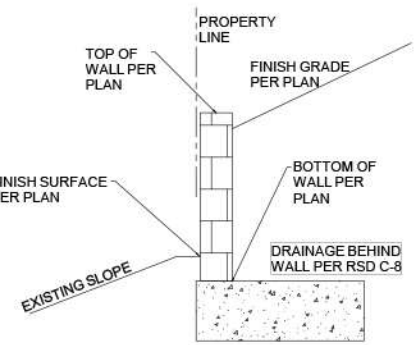
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