

GENERAL NOTES (cont.)

Special Inspections (cont.)

TABLE 3
REQUIRED SPECIAL INSPECTIONS OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS

APPLICABLE TO PROJECT	VERIFICATION AND INSPECTION	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	REFERENCED STANDARD (a)
	1. INSTALLATION OF OPENING END STEEL JOISTS AND JOIST GIRDERS.			
X	a. END CONNECTIONS - WELDING OR BOLTED.	--	X	SJI SPECIFICATIONS SECT. 22017.1
X	b. BRIDGING - HORIZONTAL OR DIAGONAL.	--	X	
X	1. STANDARD BRIDGING.	--	X	SJI SPECIFICATIONS SECT. 22017.1
X	2. BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1.		X	

(a) Where applicable, also see Section 1705.111, Special Inspection for Seismic Resistance.

TABLE 4
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

APPLICABLE TO PROJECT	VERIFICATION AND INSPECTION	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	REFERENCED STANDARD (a)	APPLICABLE CODE REFERENCE
X	1. INSPECT REINFORCEMENT, INCLUDING AND VERIFY PLACEMENT.	--	X	ACI 318 CH. 20, 25.2, 25.3, 26.5.1-26.5.3	1908.4
	2. REINFORCING BAR WELDING:				
	a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706;	--	X		
	b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	--	X	AWS D1.4 ACI 318: 26.5.4	--
	c. INSPECT ALL OTHER WELDS	X	--		
X	3. INSPECT ANCHORS CAST IN CONCRETE.	--	X	ACI 318: 17.8.2	--
	4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:				
X	a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS;	X	--	ACI 318: 17.8.2.4 ACI 318:17.8.2	--
X	b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4a.	--	X		
X	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
X	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
X	7. INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	--	ACI 318: 26.4.5	1908.6, 1908.7, 1908.8
X	8. INSPECT FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	--	X	ACI 318: 26.4.7-26.4.9	1908.9
	9. INSPECTION OF PRESTRESSED CONCRETE:				
	a. APPLICATION OF PRESTRESSING FORCES.	X	--	ACI 318: 26.9.2.1 ACI 318: 26.9.2.3	--
	b. GROUTING OF BONDED PRESTRESSING TENDONS.	X	--		
X	10. ERECTION OF PRECAST CONCRETE MEMBERS.	--	X	ACI 318: 26.6	--
	11. VERIFICATION OF 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	1906.2
X	12. INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF CONCRETE MEMBER BEING FORMED.	--	X	ACI 318: 26.10.1(b)	--

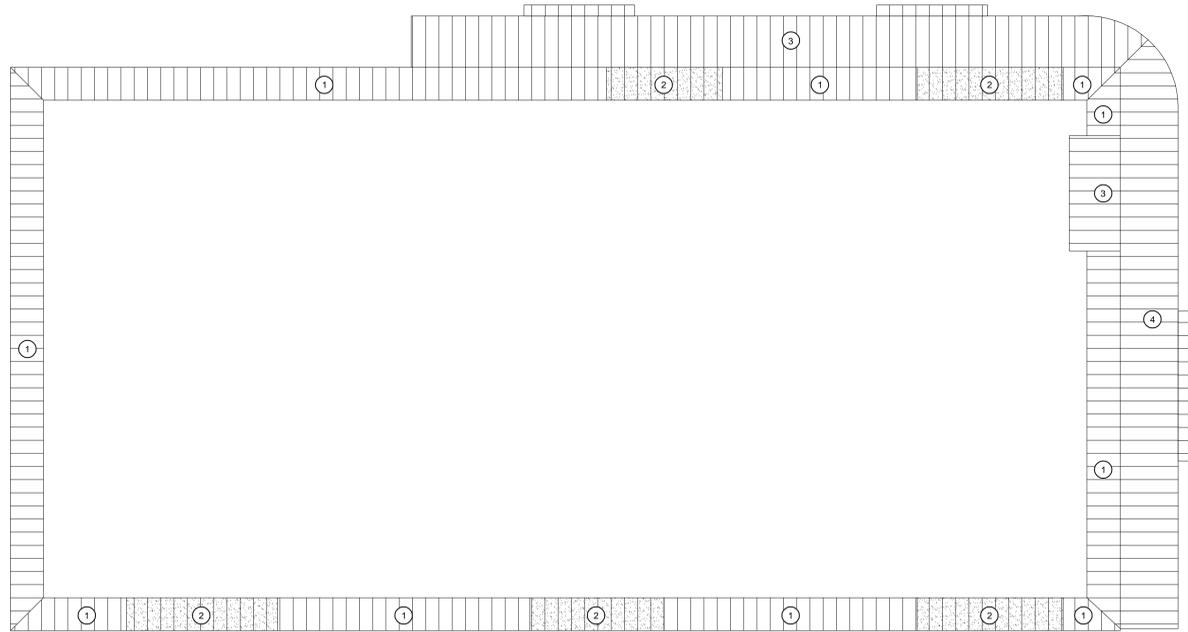
(a) Where applicable, also see Section 1705.111, Special Inspection for Seismic Resistance.
(b) Specific requirements for special inspection shall be included in the research report for the anchor issued by an approved source in accordance with ACI 308.2 or other qualification procedures. Where specific 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 the work.

TABLE 7
REQUIRED VERIFICATION AND INSPECTION OF SOILS

APPLICABLE TO PROJECT	VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
X	1. VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	--	X
X	2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	--	X
X	3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	--	X
X	4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	--
X	5. PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUB-GRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	--	X

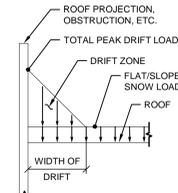
ABBREVIATIONS

A.B. ANCHOR BOLTS	G.B. GRADE BEAM
ADDL. ADDITIONAL	G.C. GENERAL CONTRACTOR
AFF. ABOVE FINISH FLOOR	GALV. GALVANIZED
ARCH. ARCHITECTURAL	HDD. HEADED
B. PL. BASE PLATE	HORIZ. HORIZONTAL
BLDG. BUILDING	I.F. INSIDE FACE
BLK. BLOCK	INT. INTERIOR
BM. BEAM	J.B. JOIST BEARING
BOT. BOTTOM	JST. JOIST
BRDG. BRIDGING	JT. JOINT
BRG. BEARING	K. KIP
BTJ. BOLTED TIE JOIST	LG. LONG
CANTL. CANTILEVER	L.L. LIVE LOAD
C.I.P. CAST-IN-PLACE	(LLH) LONG LEG HORIZONTAL
C.J. CONTROL JOINT	(LLV) LONG LEG VERTICAL
CL. CENTERLINE	LW. LONG WAY
CLR. CLEAR	MAS. MASONRY
CMU. CONCRETE MASONRY UNIT	MC. MOMENT CONNECTION
COL. COLUMN	MECH. MECHANICAL
CONC. CONCRETE	MFR. MANUFACTURER
CONSTR. CONSTRUCTION	MTL. METAL
CONT. CONTINUOUS	(N) NEW
C.Y. CUBIC YARD	(N.I.C.) NOT IN CONTRACT
DBA. DEFORMED BAR ANCHOR	N.S. NEAR SIDE
DET. DETAIL	NTS. NOT TO SCALE
DIAG. DIAGONAL	O.C. ON CENTER
Ø or DIA. DIAMETER	O.F. OUTSIDE FACE
DJ. DOUBLE JOIST	O/O. OUT TO OUT
DK. DECK	OPP. OPPOSITE
D.L. DEAD LOAD	PC. PRECAST CONCRETE
DWG. DRAWING	PL. PLATE
DWLS. DOWELS	PLCS. PLACES
EA. EACH	P.S.F. POUNDS/SQUARE FOOT
E.F. EACH FACE	P.S.I. POUNDS/SQUARE INCH
E.J. EXPANSION JOINT	RAD. RADIUS
EL. ELEVATION	R.D. ROOF DRAIN
ELEV. ELEVATOR	REINF. REINFORCING
E.S. EACH SIDE	REQ'D. REQUIRED
EQ. EQUAL	RET. RETAINING
EQUIP. EQUIPMENT	SECT. SECTION
E.W. EACH WAY	SIM. SIMILAR TO
EXP. EXPANSION	S.O.G. SLAB ON GRADE
(E) or EXIST. EXISTING	SP. SPACES
EXT. EXTERIOR	SQ. SQUARE
F/BLDG. FACE OF BUILDING	STIFF. STIFFENER
F/CONC. FACE OF CONCRETE	STL. STEEL
F.D. FLOOR DRAIN	STRUCT. STRUCTURAL
FIN. FINISH	SW. SHORT WAY
FLG. FLANGE	SYM. SYMMETRICAL
FLR. FLOOR	T. TOP OF
F.S. FAR SIDE OR FOOTING STEP	TYP. TYPICAL
FT. FEET	UNO. UNLESS NOTED OTHERWISE
FTG. FOOTING	VERT. VERTICAL
GA. GAUGE	V.I.F. VERIFY IN FIELD
	W.P. WORK POINT
	W.W.F. WELDED WIRE FABRIC
	W. WITH



SNOW DRIFT PLAN

MARK	SNOW DRIFT SCHEDULE				NOTES
	FLAT/SLOPED SNOW LOAD	PEAK DRIFT LOAD (PSF)	TOTAL PEAK LOAD	WIDTH OF DRIFT	
1	25 PSF	26.8 PSF	51.8 PSF	12'-6"	
2	25 PSF	56.3 PSF	77.8 PSF	12'-6"	
3	25 PSF	74.4 PSF	99.4 PSF	18'-0"	
4	25 PSF	94.0 PSF	119.0 PSF	23'-0"	



NOTES:

- LOADS SHOWN ARE DRIFT AND SNOW LOADS ONLY. LOADING SHOWN DOES NOT INCLUDE DEAD LOADS.
- SLIDING SNOW LOADS AND UNBALANCED SNOW LOADS ARE NOT SHOWN IN THIS SCHEDULE. ANY DELEGATED DESIGN ENGINEER SHALL CONSIDER THE SLIDING SNOW AND UNBALANCED SNOW LOADS IN THEIR DESIGN ALONG WITH CONSIDERING LOADING SHOWN IN THIS SCHEDULE.



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BA
Thomson-Baker Associates PC
CONSULTING ENGINEERS
17710 Dabney Avenue, Lakewood, Ohio 44107
Phone: (216) 521-5139 • Fax: (216) 521-4824 • www.tbapc.com

KLS
ARCHITECT
Karl L. Schmitz, Architect
17710 Dabney Avenue, Lakewood, Ohio 44107
Phone: (216) 521-5139 • Fax: (216) 521-4824 • www.tbapc.com

Restaurant Depot / BREWSTER, NY
DANBURY ROAD (LOT 48) BLOCK 0002
BREWSTER, NY 10509
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REVISIONS

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GENERAL NOTES

DATE: 9/10/2020
JOB NO. 19230

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