

SPECIAL INSPECTION MATRICES, LEGEND, AND ABBREVIATIONS

(2022 CBC) REQUIRED SPECIAL INSPECTION OF MASONRY CONSTRUCTION - LEVEL 2 QUALITY ASSURANCE FOR RISK CATEGORY I, II, AND III			
VERIFICATION TASK	REQUIRED	NOT REQUIRED	REFERENCE FOR CRITERIA
			TMS 602/ACI 530.1/ASCE 6
PRIOR TO CONSTRUCTION, VERIFICATION OF COMPLIANCE OF SUBMITTALS	X	---	ART. 1.5
PRIOR TO CONSTRUCTION, VERIFICATION OF fm, EXCEPT WHERE SPECIFICALLY EXEMPTED BY THE CODE	X	---	ART. 1.4B
DURING CONSTRUCTION, VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) WHEN SELF-CONSOLIDATING GROUT IS DELIVERED TO THE PROJECT SITE	X	---	ART. 1.5, 1.6.3
DURING CONSTRUCTION, VERIFICATION OF fm FOR EVERY 5,000 SQ. FT	---	X	ART. 1.4B
DURING CONSTRUCTION, VERIFICATION OF PROPORTIONS OF MATERIALS AS DELIVERED TO THE PROJECT SITE FOR PREMIXED OR PREBLENDED MORTAR, GROUT, AND GROUT OTHER THAN SELF-CONSOLIDATING GROUT	---	X	ART. 1.4B
INSPECTION TASK	CONTINUOUS	PERIODIC	REFERENCE FOR CRITERIA
			TMS 602/ACI 530/ASCE 5 TMS 602/ACI 530.1/ASCE 6
AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:			
- PROPORTIONS OF SITE-PREPARED MORTAR	---	X	ART. 2.1, 2.6A, 2.6C
- GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	---	X	ART. 3.4, 3.6A
- SAMPLE PANEL CONSTRUCTION	---	X	ART. 1.6D
PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:	---		
- GROUT SPACE	---	X	ART. 3.2D, 3.2F
- PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	---	X	SECT. 6.1, 6.3.1, 6.3.6, 6.3.7 ART. 3.2E, 3.4
- PROPORTIONS OF SITE-PREPARED GROUT	---	X	ART. 2.6B, 2.4G.1.b
VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:			
- MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS	---	X	ART. 1.5
- PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION	---	X	ART. 3.3B
- SIZE AND LOCATION OF STRUCTURAL MEMBERS	---	X	ART. 3.3F
- TYPE, SIZE AND LOCATION OF ANCHORS INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	---	X	SECT. 1.2.1(e), 6.2.1, 6.3.1 ---
- WELDING OF REINFORCEMENT	X	---	SECT. 6.1.6.1.2 ---
- PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40 DEG F) OR HOT WEATHER (TEMPERATURE ABOVE 90 DEG F)	---	X	ART. 1.8C, 1.8D
- PLACEMENT OF GROUT	X	---	ART. 3.5, 3.6C
OBSERVE PREPARATION OF GROUT SPECIMENTS, MORTAR SPECIMENS, AND/OR PRISMS	---	X	ART. 1.4B.2.a.3, 1.4B.2.b.3, 1.4B.2.c.3, 1.4B.3, 1.4B.4

PLAN LEGEND		
SYMBOL	DESCRIPTION	REMARKS
	KEYNOTE REFERENCE	SEE KEYED NOTES ON PLAN
	MECHANICAL EQUIPMENT	SEE MECHANICAL EQUIPMENT SCHEDULE
	OPENING IN FLOOR OR ROOF	OPENING IN FLOOR OR ROOF
	MASONRY WALL	FOR SIZE AND REINFORCING, SEE MASONRY WALL (MW) SCHEDULE
	CONCRETE WALL	FOR SIZE AND REINFORCING, SEE WALL (W) SCHEDULE
	WALL BELOW THAT DOES NOT EXTEND TO STRUCTURE	_____
	WALL BELOW THAT EXTENDS TO STRUCTURE	_____
	MOMENT CONNECTION	SEE PLANS AND DETAILS
	BRACED FRAME	SEE PLANS AND BRACED FRAME ELEVATIONS

ABBREVIATIONS	
ACI	AMERICAN CONCRETE INSTITUTE
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AFF	ABOVE FINISH FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ARCH	ARCHITECT OR ARCHITECTURAL DOCUMENTS
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
BP	BASE PLATE
BOD	BOTTOM OF DECK
CC	CONCRETE COLUMN
CB	CONCRETE BEAM
CBC	CALIFORNIA BUILDING CODE
CALCS	CALCULATIONS
CJ	CONTROL JOINT OR CONSTRUCTION JOINT
CJP	COMPLETE JOINT PENETRATION
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
C	COLUMN
DEG	DEGREE
DIA	DIAMETER
DIM	DIMENSION
DL	DEAD LOAD
DN	DOWN
DP	DRILLED PIER
E	MODULUS OF ELASTICITY
EOD	EDGE OF ROOF DECK
EOS	EDGE OF SLAB
EJ	EXPANSION JOINT
EL	ELEVATION
EQ	EQUAL
EXT	EXTERIOR
FD	FLOOR DRAIN
FFE	FINISHED FLOOR ELEVATION
FT	FOOT (FEET)
F	FOOTING
FY	YIELD STRESS STEEL
G	GRATING
GA	GAGE OR GAUGE
GB	GRADE BEAM
GSN	GENERAL STRUCTURAL NOTES
H.P.	HIGH POINT
HS	HIGH STRENGTH
HT	HEIGHT
I (IN4)	MOMENT OF INERTIA
IBC	INTERNATIONAL BUILDING CODE
ICC	INTERNATIONAL CODE COUNCIL
ID	INSIDE DIAMETER
IN	INCH
K	KIP = 1000 LBS
KSI	KIPS PER SQUARE INCH
L	LEDGER
LBS	POUND(S)
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LSH	LONG SIDE HORIZONTAL
LSV	LONG SIDE VERTICAL
LT	LINTEL
LP	LOW POINT
MAX	MAXIMUM
MCJ	MASONRY CONTROL JOINT
MIN	MINIMUM
NAAMM	NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
O.C.	ON CENTER
OPP	OPPOSITE
PCI	PRESTRESSED CONCRETE INSTITUTE
PC	PILE/PIER CAP
PCF	POUNDS PER CUBIC FOOT
PLF	POUNDS PER LINEAR FOOT
PSI	POUNDS PER SQUARE INCH
PT, P/T	POST-TENSIONED
PSF	POUNDS PER SQUARE FOOT
SDI	STEEL DECK INSTITUTE
SL	SNOW LOAD
SIB	STRUCTURAL ISOLATION BREAK
SIM	SIMILAR
SJI	STEEL JOIST INSTITUTE
SS	STAINLESS STEEL
SW	SHEARWALL
TL	TOTAL LOAD
TOC	TOP OF CONCRETE
TODP	TOP OF DRILLED PIER
TOP	TOP OF FOOTING
TOP	TOP OF PLYWOOD
TOS	TOP OF STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
UNO	UNLESS NOTED OTHERWISE
UT	ULTRASONIC TESTING
WP	WORK POINT
WWR	WELDED WIRE REINFORCEMENT
WF	WALL FOOTING
W	WALL
X-STRONG	EXTRA STRONG
XX-STRONG	DOUBLE EXTRA STRONG
#	NUMBER



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SPECIAL INSPECTION
MATRICES, LEGEND, AND
ABBREVIATIONS

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