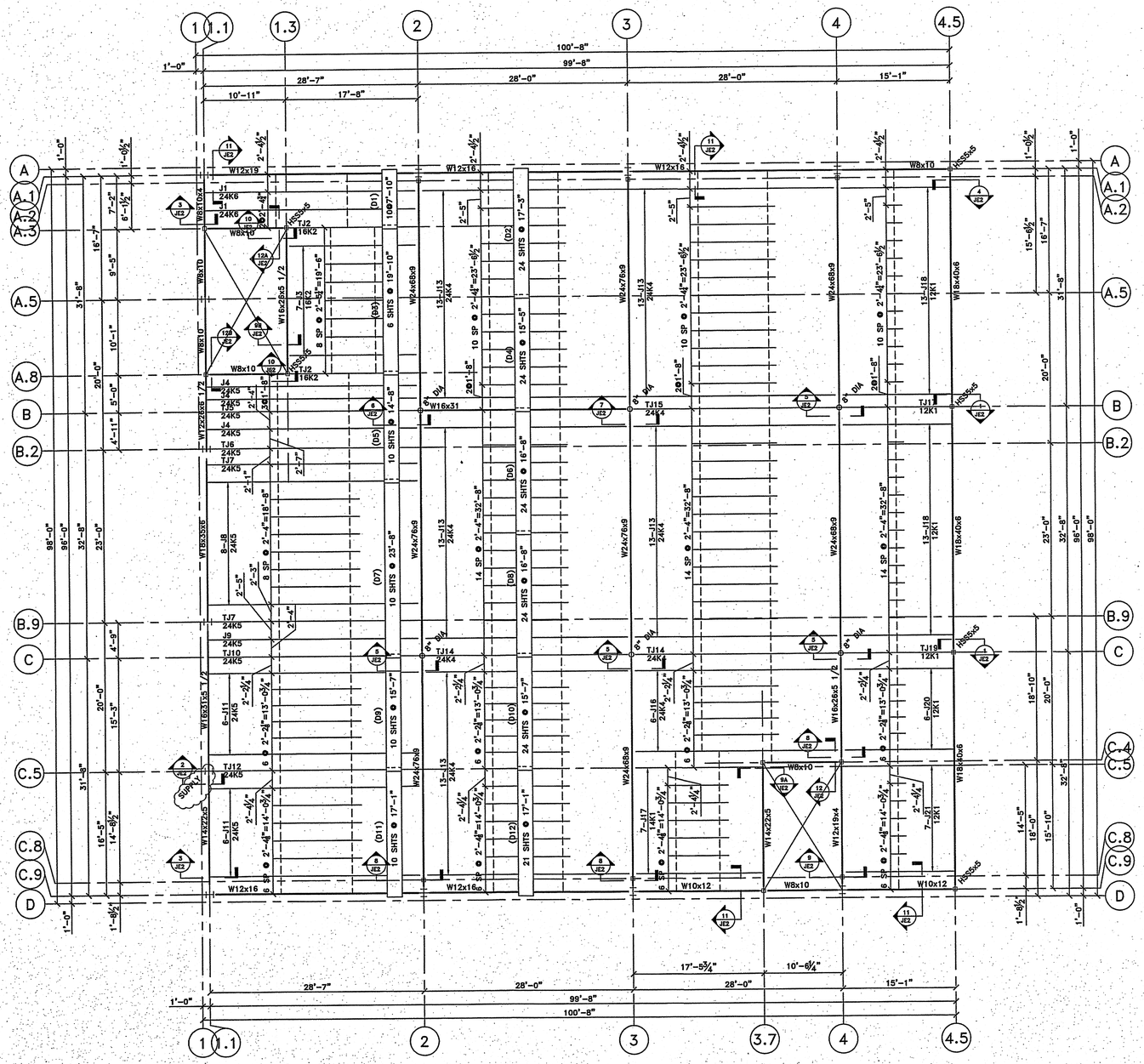


SECOND FLOOR JOIST AND DECK LAYOUT

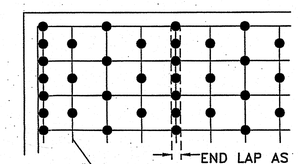
REFERENCE DWG. S-3 DATED 4/13/09

TIE JOISTS CONNECTIONS

BECAUSE CONSTRUCTIBILITY DOES NOT ALLOW THE STEEL JOIST TO BE INSTALLED AT THE COLUMN, AN ALTERNATE MEANS OF STABILIZING THE JOISTS SHALL BE INSTALLED ON BOTH SIDES NEAR THE COLUMN. SUCH "ALTERNATE MEANS" ARE FOR BOLTED CROSS-BRIDGING TO BE ATTACHED TO THE JOISTS ON THE GROUND AND THEN ERECTED IN TANDEM.

FLOOR DECK WELDING PATTERN

WELD DECK TO EACH JOIST, BEAM OR OTHER SUPPORTING MEMBERS WITH ½" DIAMETER PUDDLE WELDS AT 36" MAXIMUM. EXCEPT AT END LAPS AND ENDS WHERE 18" O.C. WILL BE REQUIRED. WELDING WASHERS SHALL BE USED ON ALL FORM DECK LIGHTER THAN 22 GA.



PLEASE SUPPLY/VERIFY ALL CLOUDED INFORMATION

FOR APPROVAL ONLY
Materials Cannot Be Released For Fabrication Until This Drawing Is Approved and Returned To Metro West Steel

MWS K:\Drafting\MWS\drafting\Mws2009\WB MASON 389-09\ WB MASON.dwg Jan 28, 2010- 1:45pm

METAL FLOOR DECK 1" DEEP FORM DECK

1) MATERIAL: 26 GA.: TYPE: 1.0C .: G60 GALV.: 36" COVER.
2) SHEETS ARE TO BE ERECTED WITH EDGES UP. END LAPS SHALL BE MADE OVER SUPPORTS.
3) LONGITUDINAL CUTTING OF DECK SHEETS TO ADJUST TO AREA WIDTHS. BEVEL CUTTING, NOTCHING FOR PROTRUSIONS,STACKS,CONDUITS,VENTS, ETC., IS TO BE DONE IN THE FIELD, AND IS NOT THE RESPONSIBILITY OF METRO WEST STEEL AND ITS SUBCONTRACTORS.
4) SEE ATTACHED WELDING PATTERN.

OPEN WEB JOIST

1) PAINT: GREY
2) BRIDGING: HORIZONTAL L1x1x7/64 CONT. T.& B.
3) BOLTED CROSS BRIDGING-L1 1/4x1 1/4x7/64
   ALL BRIDGING WITH ANCHORS TO BE INSTALLED BEFORE CONSTRUCTION LOADS ARE APPLIED. LAP HORIZONTAL BRIDGING A MAXIMUM OF 4" AND WELD. ALL BRIDGING SHALL BE WELDED TO THE TOP AND BOTTOM CHORD OF EACH JOIST.
4) CEILING EXTENSIONS ARE NOT REQUIRED FOR SUSPENDED CEILINGS
5) JOIST WELDING = 1/8"x 1" FILLET WELD BOTH SIDES MINIMUM.

ORIGINAL IN RED

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	FOR APPROVAL	10/28/09	PMG
2	RESUBMIT FOR APPROVAL	1/19/10	PMG

METRO WEST STEEL
730 MADISON STREET WRENTHAM, MASS. 02093
(508)-384-5000 fax(508)-384-5012

PROJECT: W.B. MASON
PORTLAND, ME

TITLE	SECOND FLOOR JOIST & DECK LAYOUT		
CUSTOMER:	TURNER CONSTRUCTION		
DRAWN BY: PMG	DATE: 10/27/09	JOB NO. 389-09	
CHECKED BY:	SCALE: NTS	DRWG. NO. JE1 OF 2	