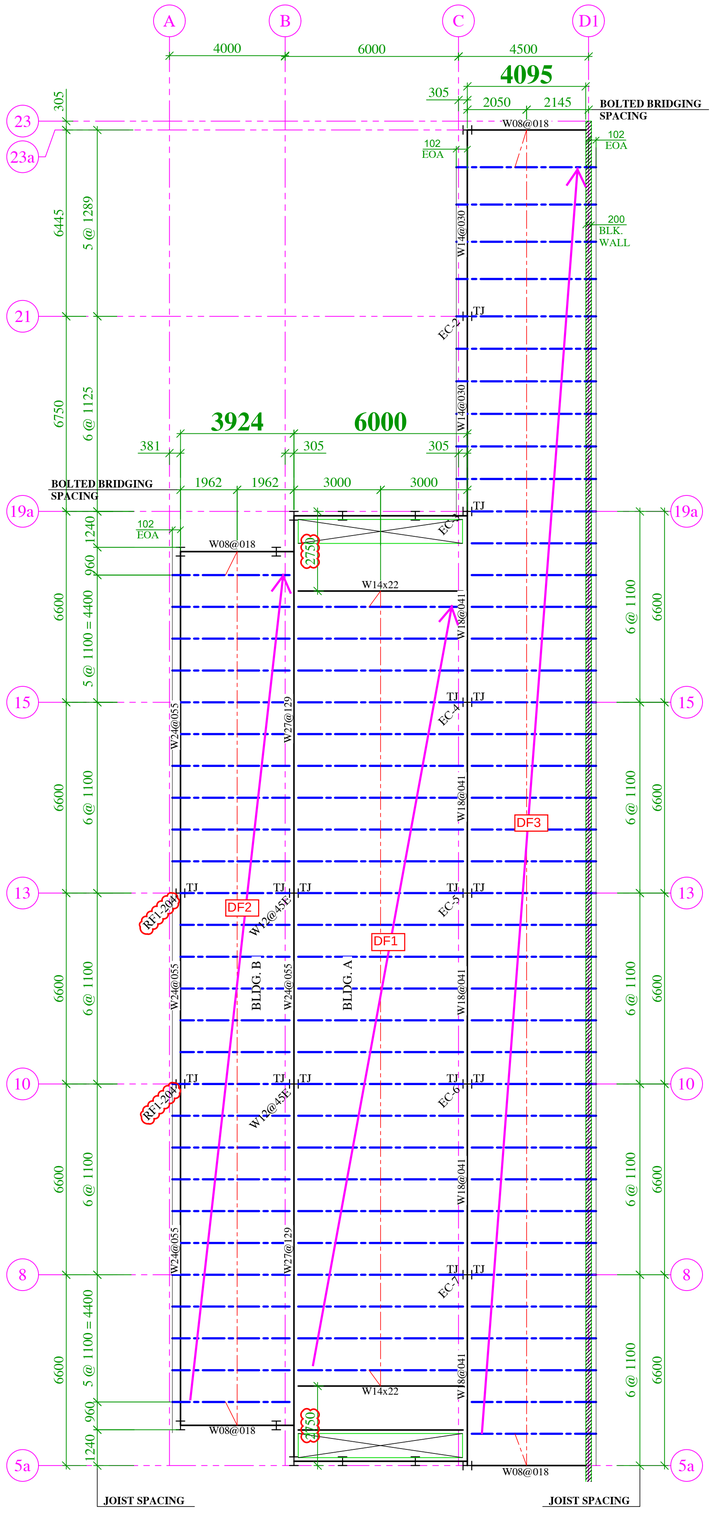


MEZZ. FLOOR JOIST FRAMING PLAN
(92 OWSJ)

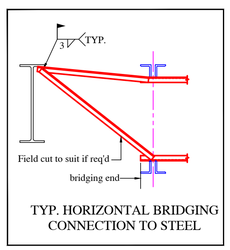
NOTE : This is valid for Joist information only

1. For additional information refer also to Contractors Notes
2. All Joist 355mm Deep with 100mm Shoes.
3. Live Load Deflection: L/360
4. Live Load =100 psf
   Dead Load = 80 psf
   Collateral Load above = 5 psf
   Partition Load = 20 psf
5. Wind Uplift = N/A
6. Regular Bridging to be Cross Bolted Welded L 1 ½x1 ½x ⅛"
8. TJ on plan denotes Tie Joist bottom chord to column
9. All Columns at Tie Joist only (See Table).

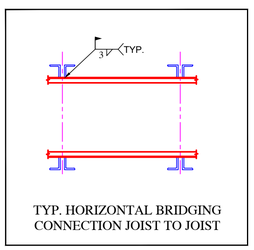
PLEASE SUPPLY

- CONFIRM / PROVIDE CLOUDED INFORMATION

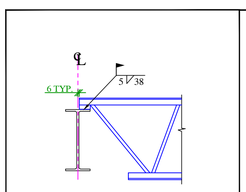
MARK	PART
EC-1	W10@033
EC-2	W10@039
EC-3	W10@026
EC-4	W10@054
EC-5	W10@054
EC-6	W10@054
EC-7	W10@054
RFI-204	



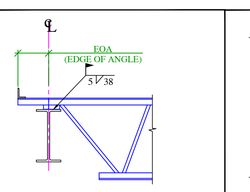
TYP. HORIZONTAL BRIDGING CONNECTION TO STEEL



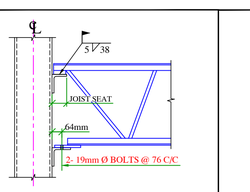
TYP. HORIZONTAL BRIDGING CONNECTION JOIST TO JOIST



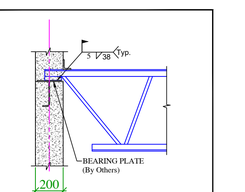
1 TYP. JOIST TO BEAM CONNECTION DETAIL



1a TYP. JOIST TO BEAM CONNECTION DETAIL



2 TYP. COLUM TIE JOIST CONNECTION DETAIL



3 TYP. JOIST TO WALL CONNECTION DETAIL

ERECTOR NOTE:

* ON PLAN DENOTES ONE LINE OF BOTTOM CHORD BRIDGING ADJACENT TO THE FIRST BOTTOM CHORD PANEL POINT

BIG M STEEL Inc. supplies:

Open Web Steel Joist
G A L Bolted X Bridging
one dip coat standard primer (GREY)
(**NOT FINISH COAT**)
(GUARANTEED FOR 90 DAYS AFTER FABRICATION)

ALL BRIDGING IS SPACED IN ACCORDANCE WITH CAN / CSA-S16-14 AND THE ENGINEER ON RECORD'S REQUIREMENTS.
ANY DEVIATION FROM THIS LAYOUT DUE TO MECHANICAL OR SPRINKLER REQUIREMENTS MUST BE SHOWN ON RETURNING APPROVAL DRAWINGS, AND MAY CHARGED AS EXTRA TO CONTRACT IF ADDITOINAL ROWS ARE REQUIRED

Architect & Engineers Please Note !!

These drawings are our interpretation of the contract documents to be used for fabrication on this project, therefore it is imperative that you check that the requirements are being provided by these drawings. Your Review or Approval constitute acceptance of our interpretation, except for your notes on our returned drawings.

Any additions, change, addenda, etc. received by this office after our receipt of approved drawings will be Extra to Contract at the relevant rate.

CONTRACTORS NOTES

Joist are designed to loads shown on this drawing. Any additional loads not shown are to be indicated by the relevant agency and will be extra to contract if not shown on Engineering Drawings.
All point loads applied to Top chord are to be within 6" (150mm) of a panel addt. web member.
All suspended ceilings, sprinkler etc. are to be hung from bottom chord panel point. NO loads are to be applied between panel point without written permission from this office. No loads are to applied to the Joist eccentrically to avoid Joist twisting.
No construction loads are to be applied to joist until all bridging is anchored in place. Bridging is designed in strict accordance with C.S.A. S16-14 latest edition and uplift forces shown on this drawing. Bridging is to be connected for a force of 675# (3kN). Other than for uplift restraint or when one chord is not restrained by deck, Bridging is effective only during erection and is not to be considered bracing for building integrity.
It is the Erector's and / or Owner's responsibility to ensure that joist and bridging are placed and connected in accordance with contract documents provided by this office.
Resistance of supporting structure for forces to wind uplift to be supplied by Others.
No field alterations of any kind are to be proceeded with unless written authorization has been received from this office.
Big M Steel Inc. supplied only, and WILL NOT be held responsible for error's or omissions due to non-compliance with of all of the above.

LICENSED PROFESSIONAL ENGINEER
JUNE 22/22
B. MASHHADI
PROVINCE OF ONTARIO

Revision	Date	Description	By
1	06-21-2022	REV. AS PER COMMENTS. REV. OWSJ PCS.	JL
0	05-16-2022	ISSUED FOR APPROVAL	JL

ERECTOR NOTE ! Match Joist mark on drawing with Marked end of Joist

NOTE ! This drawing is valid for Joist information ONLY

Big M Steel Inc.
77 Healy Road, Bolton L7E 5A8
Tel. (905) 857-9995
Fax (905) 857-2234

Customer	**GANAWA COMPANY**
Project	**CLEARWATER OPERATIONS**
Location	**BOWMANVILLE, ONTARIO**
Drawing Title	**MEZZ. FLOOR JOIST FRAMING PLAN**

Drawn	JL	Date 05/13/2022	Cont. No. **1535**
Chkd	AF	Date 05/14/2022	Dwg. No. **JE1**