

HIGH ROOF FRAMING PLAN

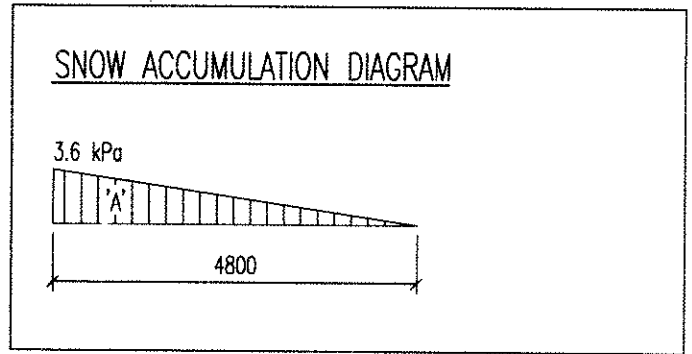
ROOF FRAMING PLAN NOTES:

JOIST SHOE = 102mm DP. (4") FOR SPANS UP TO 15000 (49'-2 1/2")
 178mm DP. (7") FOR SPANS 15000 TO 28000 (72'-2 1/2" TO 91'-10 1/8")

- JOIST DESIGN LOAD (UNFACTORED)
 DL = 1.6 kPa
 LL = 2.9 kPa (is = 1.25 INCLD.) + SNOW ACCUMULATION
 NET FACTORED UPLIFT = 2.0 kPa (lw = 1.25 INCLD.)
 LL DEFLECTION = L/300
 ENGINEER PLEASE CHECK LOADS
- ORIENT TAGGED END OF JOIST AT MARKED END ON PLAN.
 ⊙ INDICATES TAGGED END OF JOIST
- ==== INDICATES WELDED HORIZONTAL BRIDGING @ TC & BC. L1x1x 1/4"
- INDICATES WELDED HORIZONTAL BRIDGING @ BC. L1x1x 1/4"
- - - - INDICATES BOLTED DIAGONAL BRIDGING L1x1x 1/4"
- ⊗ INDICATES FALL ARREST ANCHORS (FAA) (SUPPLIED AND INSTALLED BY OTHERS)
 LIVE LOAD OF 10 kN (2250#) APPLIED IN VERTICAL DIRECTION AT JOIST TOP CHORD.
- ⊠ INDICATES MECHANICAL UNIT
- (-XX) INDICATES DOUBLE PITCH AT THE TOP CHORD. BOTTOM CHORD FLAT.
- T.L.D. INDICATES MAX. TOTAL LOAD DEFLECTION
- SEE DRAWINGS J2.0, FOR ERECTION NOTES, SECTIONS AND DETAILS.

ADDITIONAL JOISTS LOAD NOTES:

ALL JOIST CHORDS TO BE DESIGN FOR 1.0 kN POINT LOAD APPLIED ANYWHERE ALONG THERE LENGTH
 ⊠ INDICATES POINT LOAD OF 10 kN FOR DOOR SUPPORT



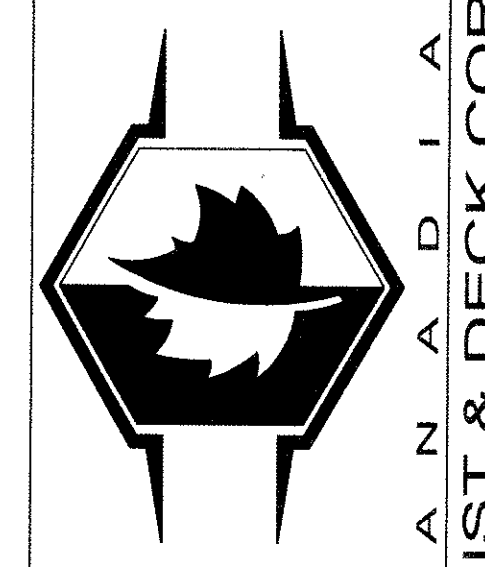
ERECTOR NOTE:
 WELDED HORIZONTAL BRIDGING IS REQUIRED AT THE FIRST BOTTOM CHORD PANEL POINT ON EACH END OF ALL ROOF JOISTS, IN ADDITION TO THE BRIDGING SHOWN ON THE JOIST ERECTION PLAN. REFER TO THE "TYPICAL ROOF JOIST UPLIFT BRIDGING DETAIL" ON DRAWING J2.0 FOR INSTALLATION INFORMATION.

REVIEWER:
 -IT IS IMPERATIVE THAT ALL INFORMATION IS SUPPLIED/VERIFIED AND QUESTIONS ARE ANSWERED ON APPROVAL TO AVOID DELAYS IN RELEASING THE JOB TO PRODUCTION. FAILURE TO COMPLY WILL INHIBIT C.JDC FROM MEETING THE DELIVERY SCHEDULE. CHANGES AFTER C.JDC HAS RECEIVED APPROVED DRAWINGS MAY ALSO CAUSE DELAYS.
 -PLEASE VERIFY OR PROVIDE ALL CLOUDED DIMENSIONS.
 -PLEASE VERIFY LOCATION OF ALL FALL ARREST ANCHORS AND ASSOCIATED FRAMING.
 -PLEASE PROVIDE LOCATIONS FOR ANY PIPES GREATER THAN 4" DIA.
 -PLEASE CONFIRM ANY SPRINKLER SYSTEM IS NOT EFSR.
 -PLEASE PROVIDE THE WEIGHTS, DIMENSIONS AND PLACEMENT OF ALL HVAC UNITS. EACH JOIST CARRYING MECHANICAL UNITS ARE DESIGNED WITH ASSUMED POINT LOADS SHOWN ON THE PLAN. PLEASE VERIFY.

For Approval Only
 NOT FOR CONSTRUCTION

APPROVAL ENGINEER STAMP	C.JDC ENGINEER'S STAMP
JOB NO. 10-123	
DATE 2010-10-21	
DRAWING NO. J1.1	

JOB NAME	BARRHAVEN FIRE STATION NO. 47 - ROOF FRAMING
LOCATION	OTTAWA, ON
ARCHITECT NAME	GSV ARCHITECTS
CUSTOMER	BLACK ANVIL IRON WORKS
CUSTOMER P.O. NUMBER	NMBS JOB NUMBER 8010-0704
ENGINEER NAME	HALSALL
CHKR.	C.P./R
DTLR.	S.A.L.
DESCRIPTION	2510 Ouellette Suite L01 Windsor, Ontario N8X 1L4 Phone: (519) 962-9637 Fax: (519) 962-9633 www.canadianjoist.ca drafting@canadianjoist.ca
ISSUED FOR APPROVAL	11/19/10
DESCRIPTION	
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CANADIAN JOIST & DECK CORP.