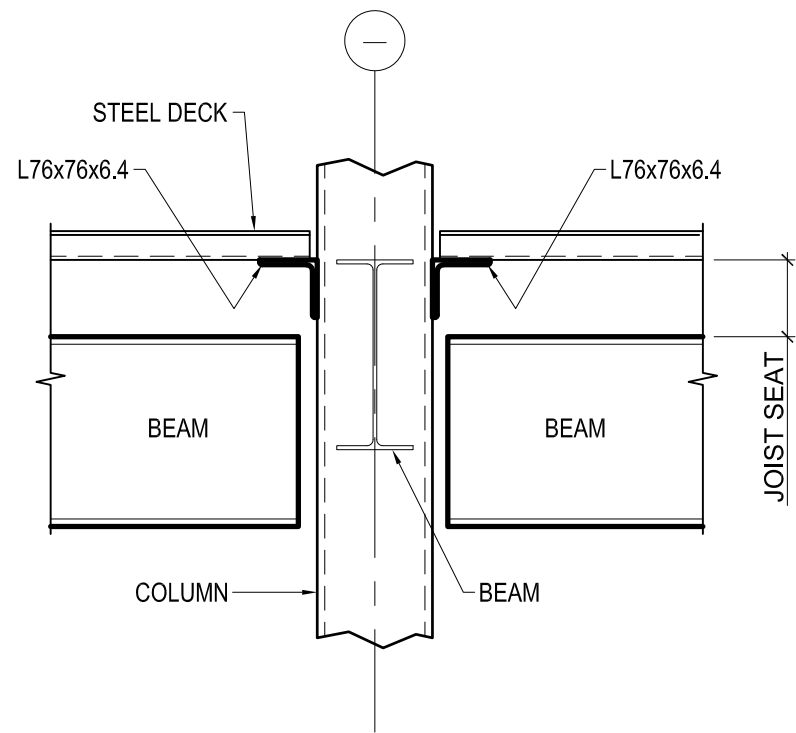
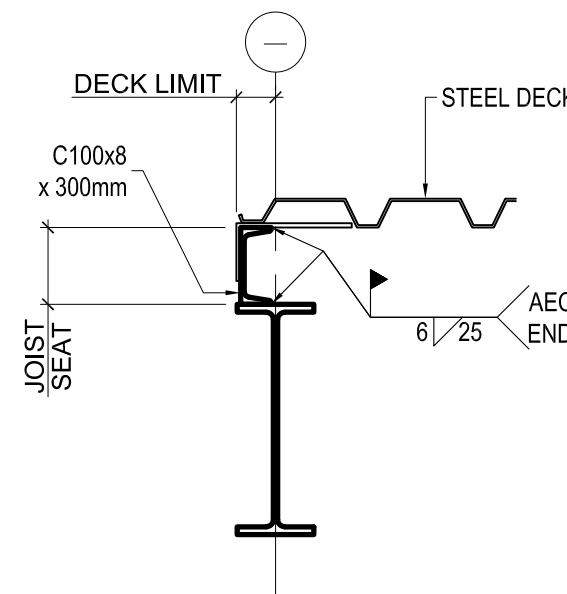


(PLAN VIEW)

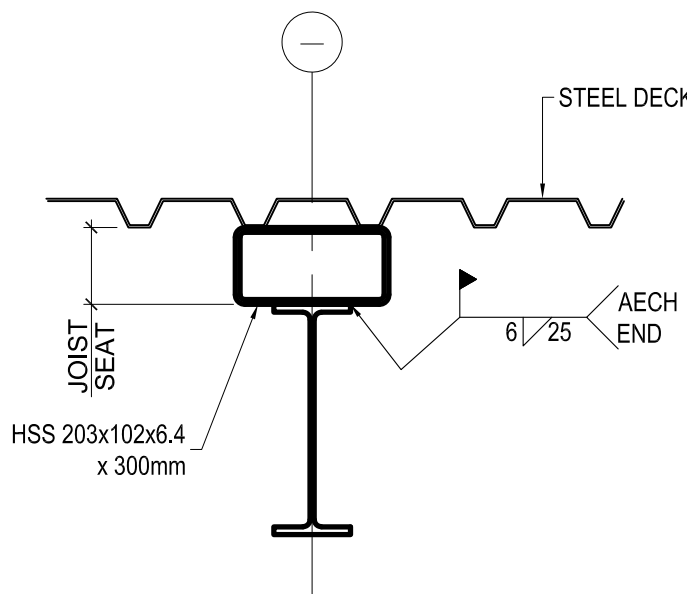


(ELEVATION)

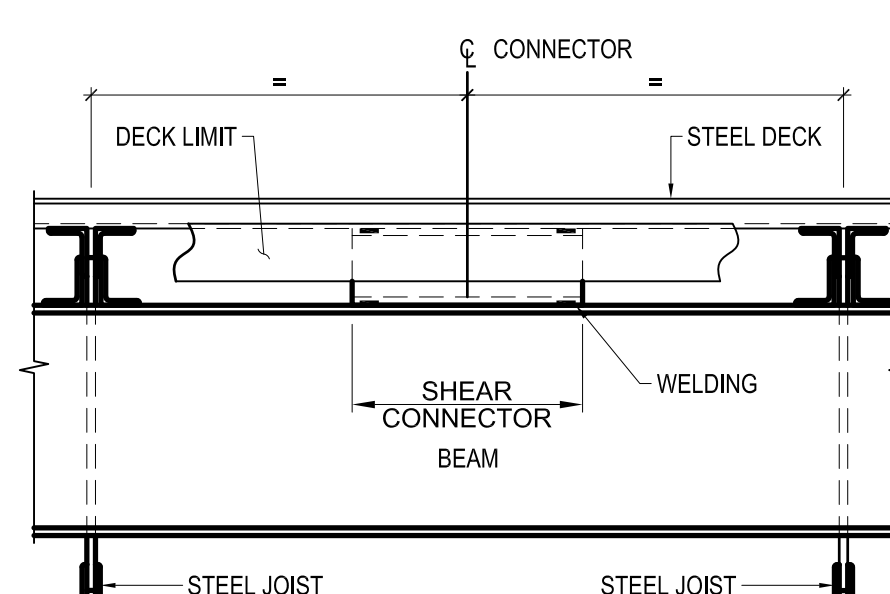
TYPICAL DETAIL  
SUPPORT FOR STEEL DECKING  
1:10



(EXTERIOR AXIS)

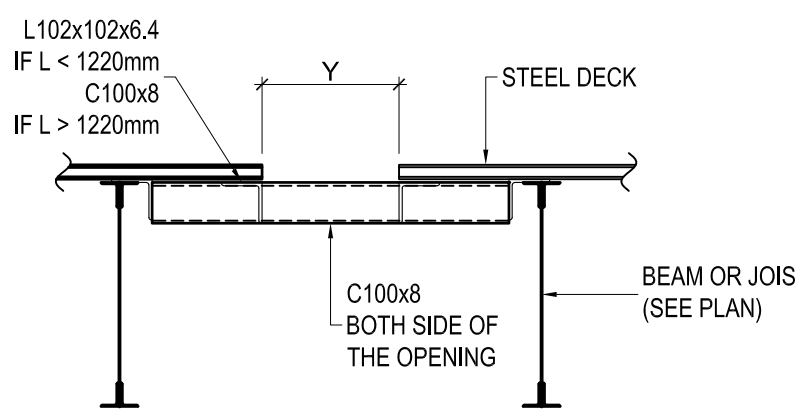


(INTERIOR AXIS)

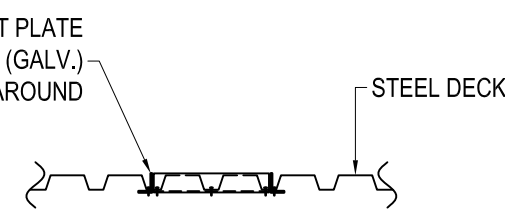


(ELEVATION)

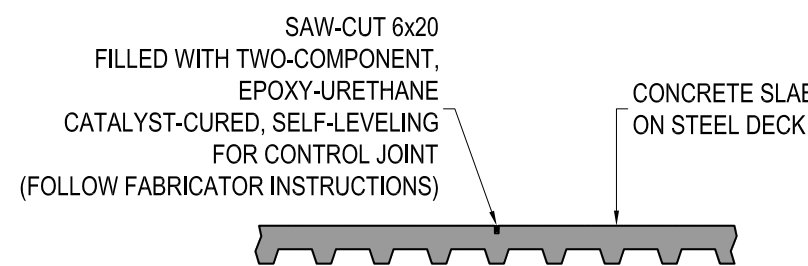
TYPICAL DETAIL  
DETAIL FOR SHEAR CONNECTOR  
1:10



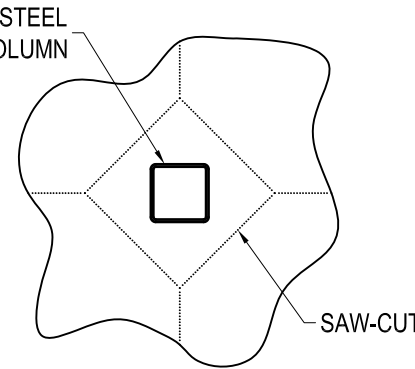
(SECTION - NO CONCRETE)  
OPENING > 300mm



(SECTION - NO CONCRETE)  
150mm > OPENING > 300mm



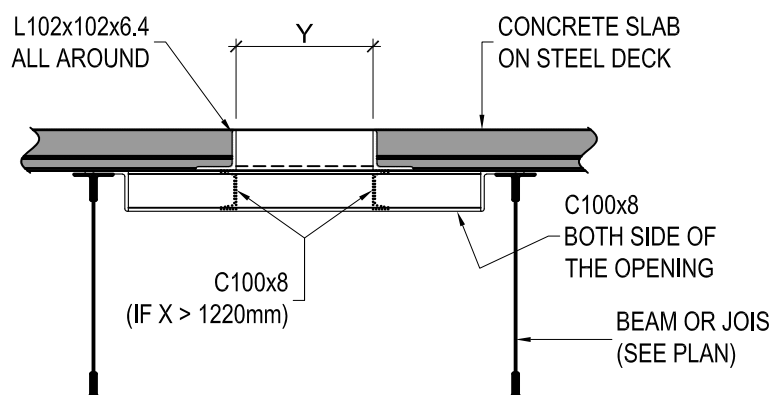
SECTION



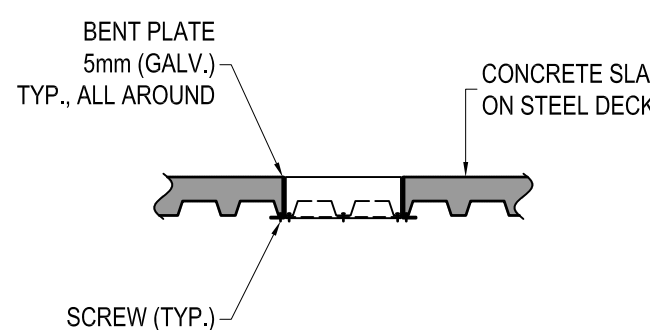
PLAN VIEW

NOTE:  
• JOINTS MUST BE SAWN 6 TO 8 HOURS AFTER CONCRETE HAS BEEN PLACED.

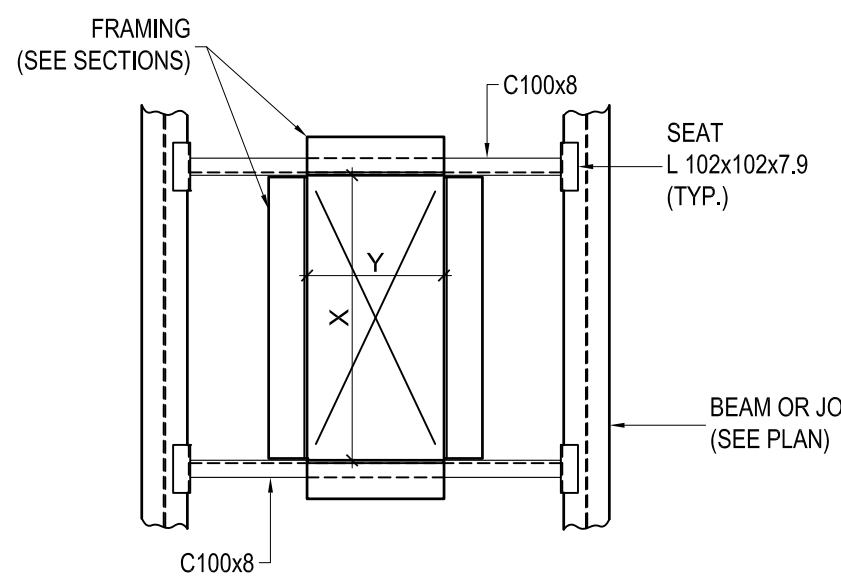
TYPICAL DETAIL  
CONTROL JOINT IN COMPOSITE SLAB  
1:20



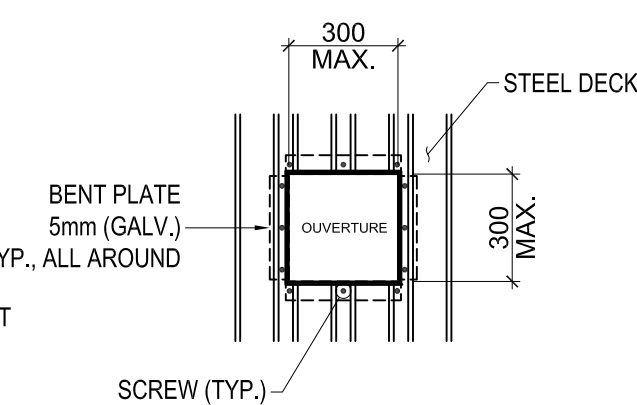
(SECTION - WITH CONCRETE)  
OPENING > 300mm



(SECTION - WITH CONCRETE)  
150mm > OPENING > 300mm



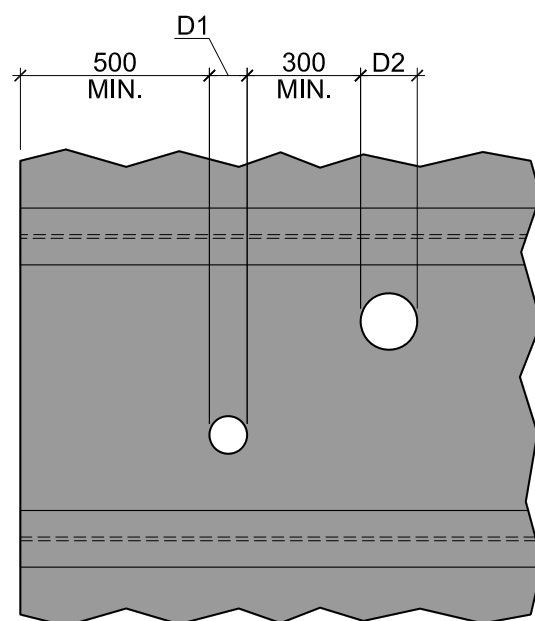
(PLAN VIEW)  
OPENING > 300mm



(PLAN VIEW)  
150mm > OPENING > 300mm

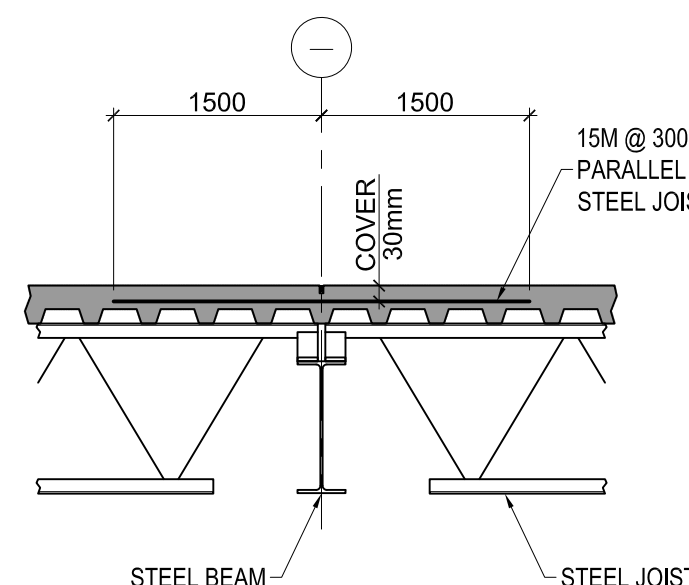
NOTHING IS REQUIRED FOR OPENING SMALLER THAN 150mm  
DIMENSIONS AND LOCATION, SEE MECHANICAL AND ARCHITECTURAL DRAWINGS

TYPICAL DETAIL  
FLOOR AND ROOF OPENINGS  
1:20



NOTE:  
• MAXIMUM HOLE DIAMETER = 250mm  
• THE USE OF PERCUSSIVE METHODS IS FORBIDDEN  
• HOLES MUST BE DRILLED USING DIAMOND CORE DRILLS  
• ALL STRUCTURAL ELEMENTS BELOW THE COMPOSITE SLAB (JOIST, BEAM, JOIST BRIDGING AND OTHER STEEL FRAMING) MUST BE LOCALIZED PRIOR TO HOLE EXECUTION. THESE STRUCTURAL ELEMENTS MUST BE KEPT INTACT AT ALL TIME  
• IF SMALLER SPACING IS REQUIRED CONSIDER GROUPING THE HOLES OR CONTACT STRUCTURAL ENGINEER FOR FURTHER INSTRUCTIONS.

TYPICAL DETAIL  
CORE DRILLED OPENINGS IN COMPOSITE SLAB  
1:20



TYPICAL DETAIL  
ADDITIONAL REINFORCEMENT IN TOP OF COMPOSITE SLAB  
1:20

5		
4		
3		
2		
1		
0	ISSUED FOR TENDER	2016-04-16
Revision	Description	Date
Client		client

Indigenous and Northern  
Affairs Canada (INAC)

Public Works and Government  
Services Canada

Project title  
Projet

Iqaluit (Nunavut)

NEW IQALUIT DAYCARE

Designed by  
Amélie Viau, jr. eng.

Drawn by  
Dominic Ouellet

Approved by  
Louis-Philippe Poirier, eng.

PNWSC Project Manager  
Russel Knister

Drawing title  
Titre du dessin

STRUCTURE  
SERIE 400 - SUPERSTRUCTURE  
DETAILING  
TYPICAL DETAILS  
SECTIONS & DETAILS

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.082769.001	S490	0
	19 OF 20	