

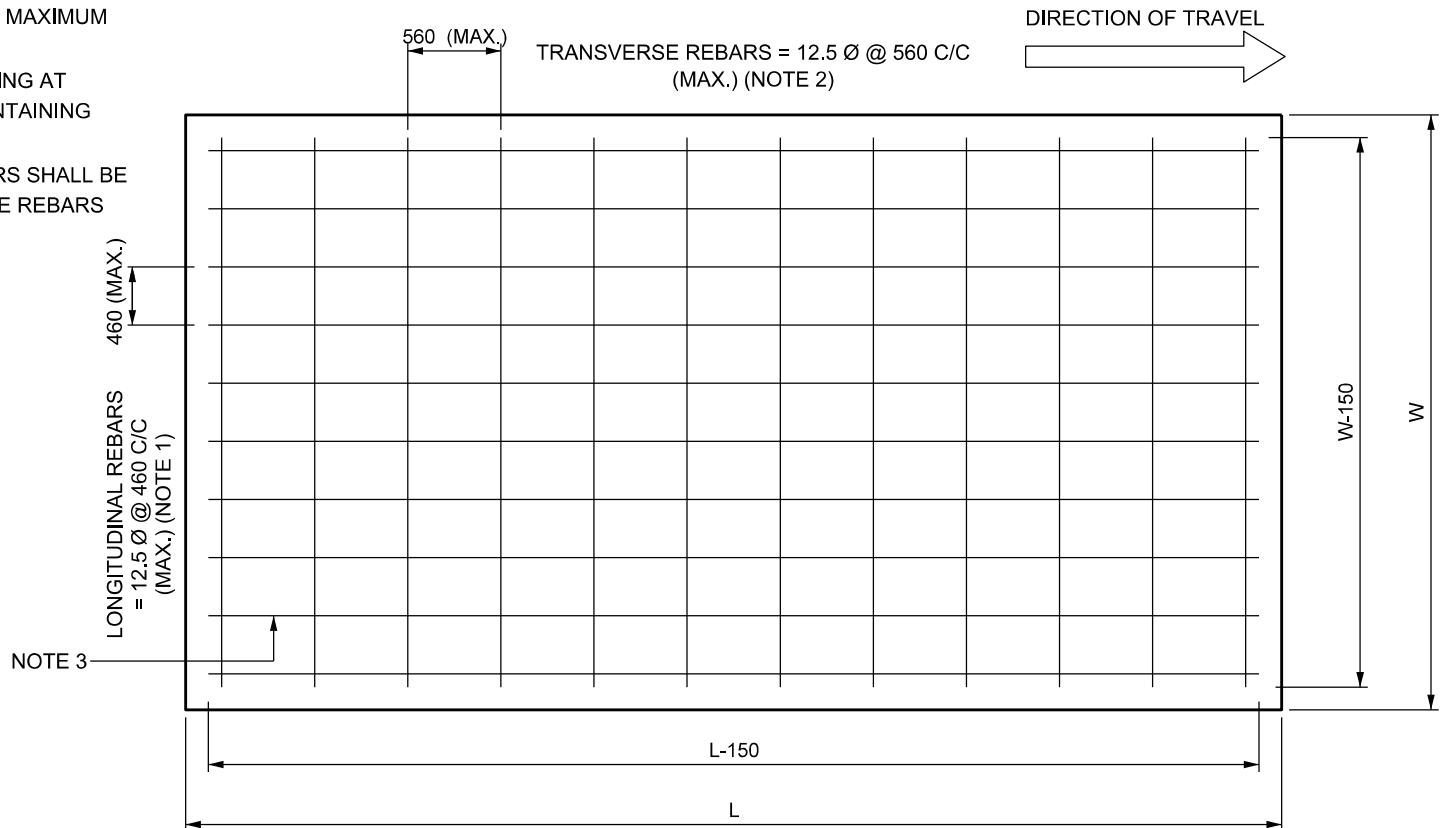
GENERAL NOTES:

- L = PANEL LENGTH ■ W = PANEL WIDTH
- LENGTH OF LONGITUDINAL REBARS (LENGTH OF BAR MAT) = L-150
- LENGTH OF TRANSVERSE REBARS (WIDTH OF BAR MAT) = W-150
- CLEAR COVER FROM OUTER EDGES OF CONCRETE TO THE END OF REBARS = 75 (MIN.)
- THE ASPECT RATIO BETWEEN PANEL LENGTH AND WIDTH SHALL NOT EXCEED 2.0

- THE TOP SURFACE OF DOWELS AND TIE BARS SHALL ALIGN AT 12.5 BELOW THE MID-DEPTH OF THE CONCRETE TO ENSURE A FLAT HORIZONTAL PLANE FOR BAR MAT PLACEMENT
- A MINIMUM OF THREE REBARS SHALL BE PLACED IN EACH DIRECTION FOR CONCRETE PANELS OF LENGTH ≤ 1270 AND WIDTH ≤ 1070
- REFER TO MSD 830.1, SHEET 4 FOR DOWEL AND TIE-BAR SIZES AND SPACING
- REFER TO MSD 830.1, SHEET 3 FOR SAWCUT DETAILS

NOTES:

1. REDUCE LONGITUDINAL REBARS SPACING AT WHEEL PATH (BETWEEN 400 TO 1300 FROM LANE MARKING), WHERE APPLICABLE, BY MAINTAINING MAXIMUM SPACING IN OTHER AREAS
2. REDUCE TRANSVERSE REBARS SPACING AT MID PANEL, WHERE APPLICABLE, MAINTAINING MAXIMUM SPACING IN OTHER AREAS
3. FOR BAR MATS, LONGITUDINAL REBARS SHALL BE WELDED ON THE TOP OF TRANSVERSE REBARS



ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS SPECIFIED OTHERWISE

SEAL

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ORIGINAL SEALED BY:

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March 31, 2026

APPROVALS	REVISIONS				MANITOBA STANDARD DRAWING	
ORIGINAL SIGNED BY: DUSTIN BOOY EXECUTIVE DIRECTOR OF HIGHWAY ENGINEERING SERVICES ORIGINAL SIGNED BY: TARA LISKE EXECUTIVE DIRECTOR OF REGIONAL OPERATIONS	No.	DESCRIPTION	BY	DATE	DATE	BAR MAT DETAILS FOR REINFORCED CONCRETE
	▲				MARCH 2026	
	▲				SCALE SHEET	
	▲				N.T.S. 1 OF 1	
					MSD - 830.3	