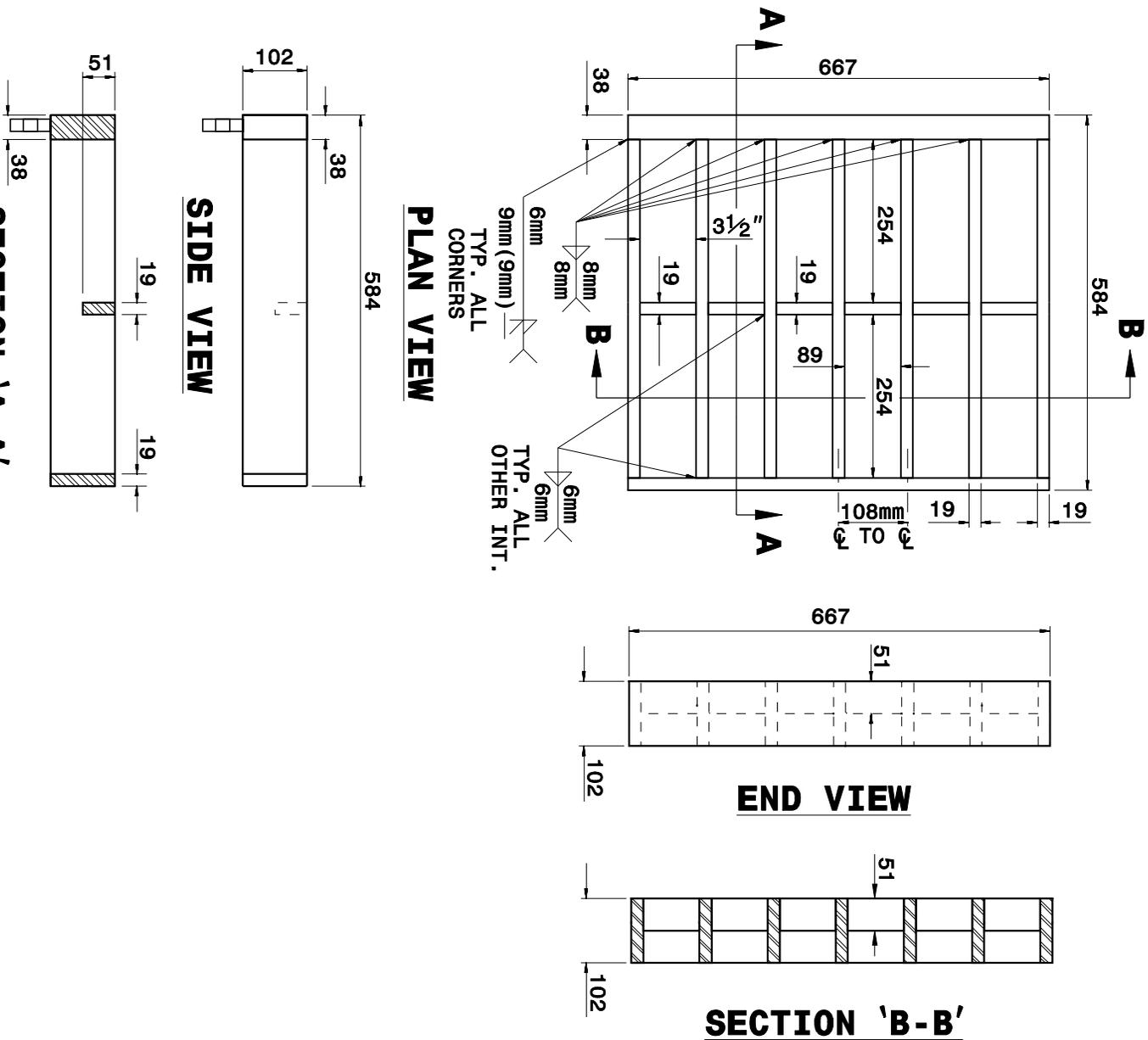


METRIC STANDARD DRAWING FOR  
STEEL GRATE AND FRAME

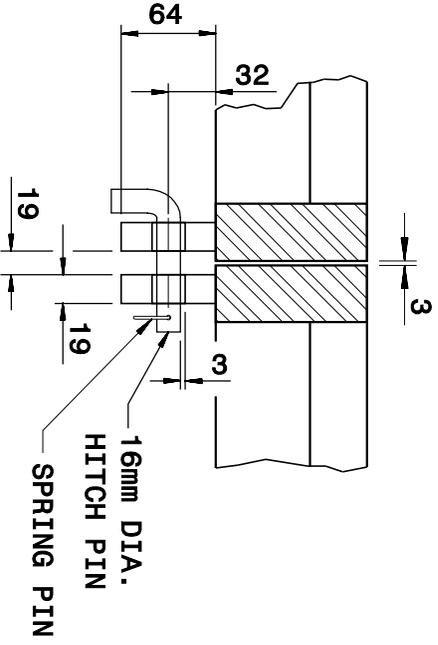


SECTION 'A-A'

Note:  
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

- NOTES:
1. HOT DIP GALVANIZE FRAME AND GRATE IN ACCORDANCE WITH ASTM DESIGNATION A-123 AND AASHTO M-111.
  2. GRATE IS DESIGNED TO WITHSTAND HS25-44 LOADING.
  3. TWO (2) GRATES REQUIRED PER FRAME. ONE (1) GRATE DEPICTED FOR CLARITY.
  4. PROVIDE STEEL CONFORMING TO THE REQUIREMENTS OF A.S.T.M. DESIGNATION A-36.
  5. WELD IN ACCORDANCE WITH THE ANSI/AASHTO/AWS D1.5 WELDING CODE. SEAL WELD ALL CONNECTIONS ALONG TOP AND BOTTOM HORIZONTAL SEAMS OF CONNECTIONS IN ADDITION TO ANY REQUIRED STRUCTURAL WELDS.
  6. USE 8mm DOUBLE FILLET WELDS FOR CONNECTING MAIN BARS TO EDGE BARS AND 6mm FILLETS AT ALL OTHER LOCATIONS.
  7. NOTCHING OF BEARING BARS TO ACCEPT CROSS BAR IS PROHIBITED.

DETAIL 'B' CENTER LOCK



METRIC STANDARD DRAWING FOR  
STEEL GRATE AND FRAME