

- GENERAL NOTES**
1. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
  2. DEPARTMENT REPRESENTATIVE TO LOCATE AND CONFIRM REPAIR AREAS IN FIELD AS DENOTED ON DRAWINGS.
  3. CONTRACTOR TO FOLLOW APPLICABLE SAFETY GUIDELINES FOR WORKING AT HEIGHTS. REFER TO SPECIFICATIONS.
  4. CONTRACTOR TO FOLLOW LATEST ENVIRONMENTAL PROCEDURE FOR PARKS CANADA. REFER TO SPECIFICATIONS.

- STEEL NOTES:**
1. DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO CAN/CSA S16.1-94, CSA S136-94, WELDING TO CSA W59-01/989.
  2. ALL STRUCTURAL STEEL WORK SHALL CONFORM TO CSA G40.21 30W EXCEPT HOLLOW STEEL SECTIONS (HSS) 350W.
  3. PROVIDE ALL NECESSARY DETAILS, MATERIALS AND CONNECTIONS IN ACCORDANCE WITH CSC HANDBOOK.
  4. ALL STEEL AND BOLTS TO BE HOT DIPPED GALVANIZED.

- CONCRETE NOTES**
1. CONCRETE MATERIALS, METHODS OF CONCRETE CONSTRUCTION INCLUDING FASWORK TO MEET LATEST EDITIONS OF CSA STANDARDS.
  2. CONCRETE COMPRESSIVE STRENGTH TO BE:  
DN 2.1 PIER, ABUTMENTS, CULVERTS, AND BEAMS TO BE 35MPa AT 28 DAYS  
DN 2.2 APPROACH SLAB, DECK AND EXPANSION JOINTS TO BE 40MPa AT 28 DAYS
  3. REBAR TO CONFORM TO CSA G30.18 R1-400 MPa.
  4. ALL BAR BENDING DETAILING AND PLACING TO ACI DETAILING MANUAL (ACI SP-66-04), UNLESS NOTED OTHERWISE.
  5. LAP HORIZONTAL BARS 36 BAR DIAMETER AND PROVIDE CORNER BARS AND VERTICAL DOWNES TO MATCH HORIZONTAL AND VERTICAL STEEL, UNLESS NOTED OTHERWISE.
  6. CONCRETE COVER TO REINFORCING TO BE 50mm U/N.
  7. CHAMFER EXPOSED EDGES 20mm x20mm.
  8. REMOVE DETEIORATED CONCRETE MIN. 25mm BELOW EXISTING REBAR.

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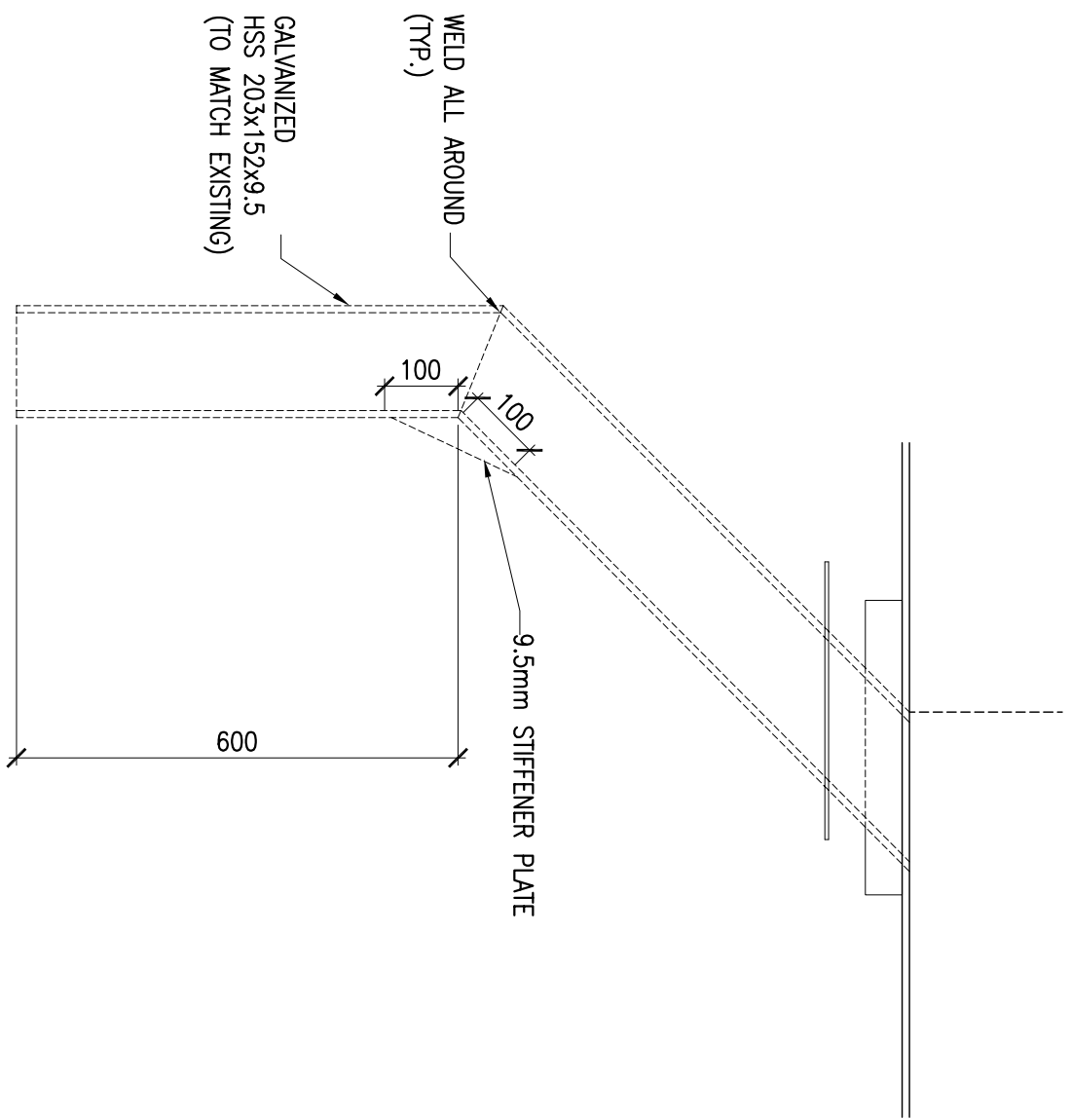
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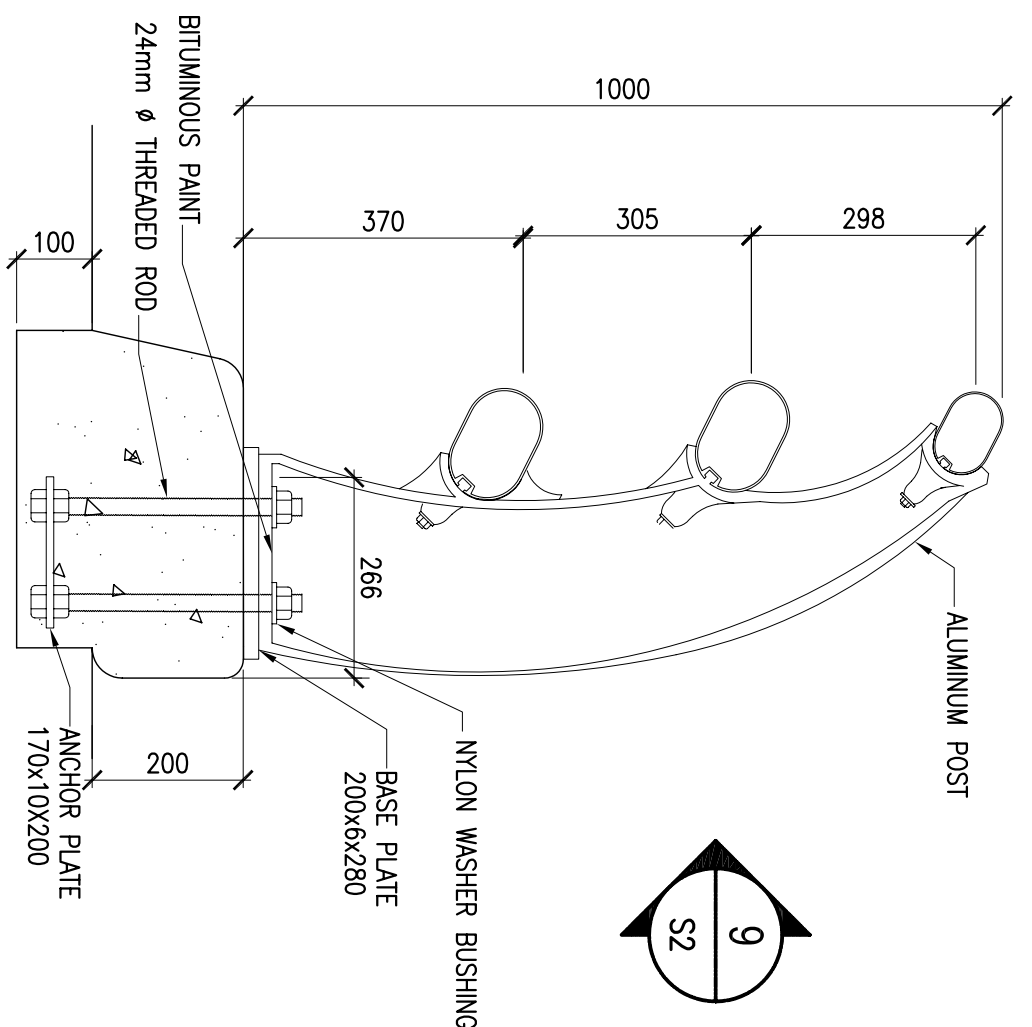
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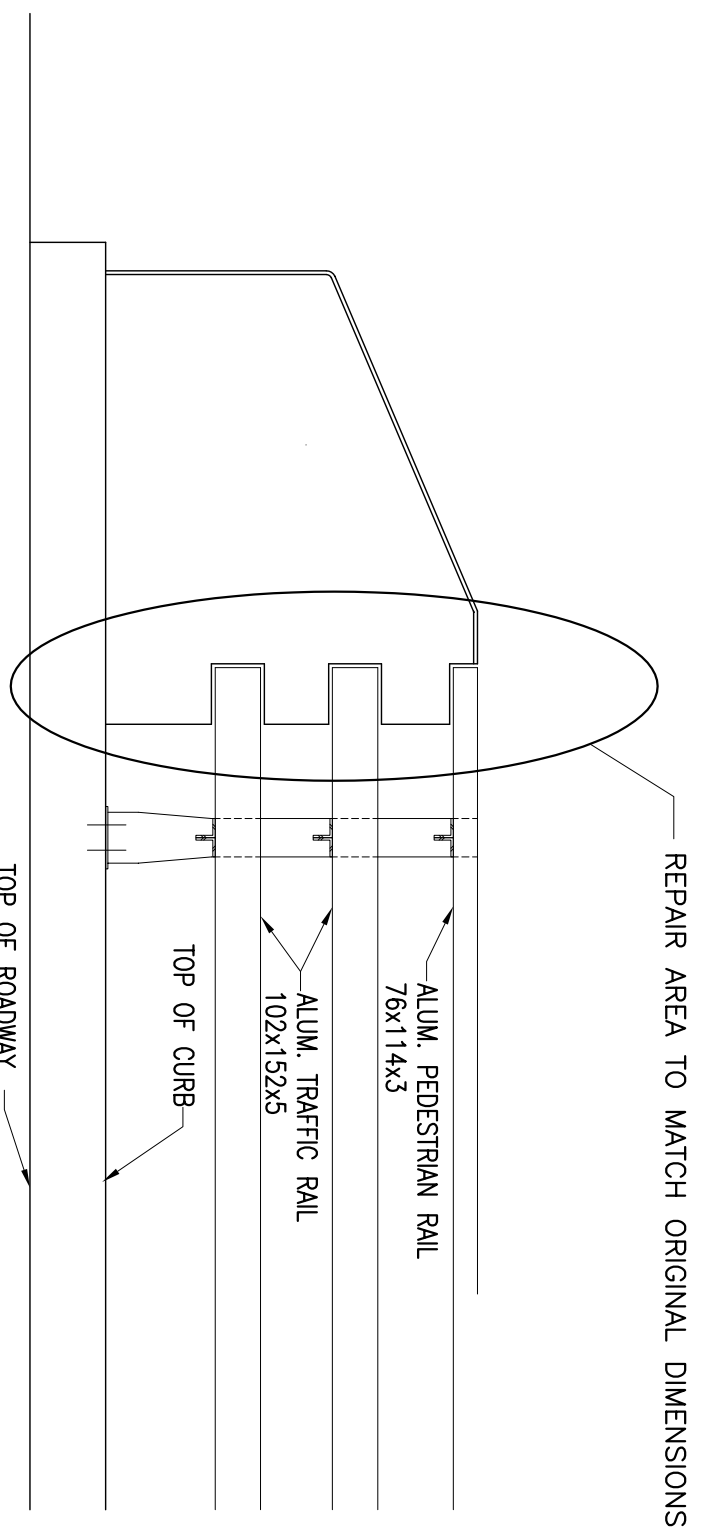
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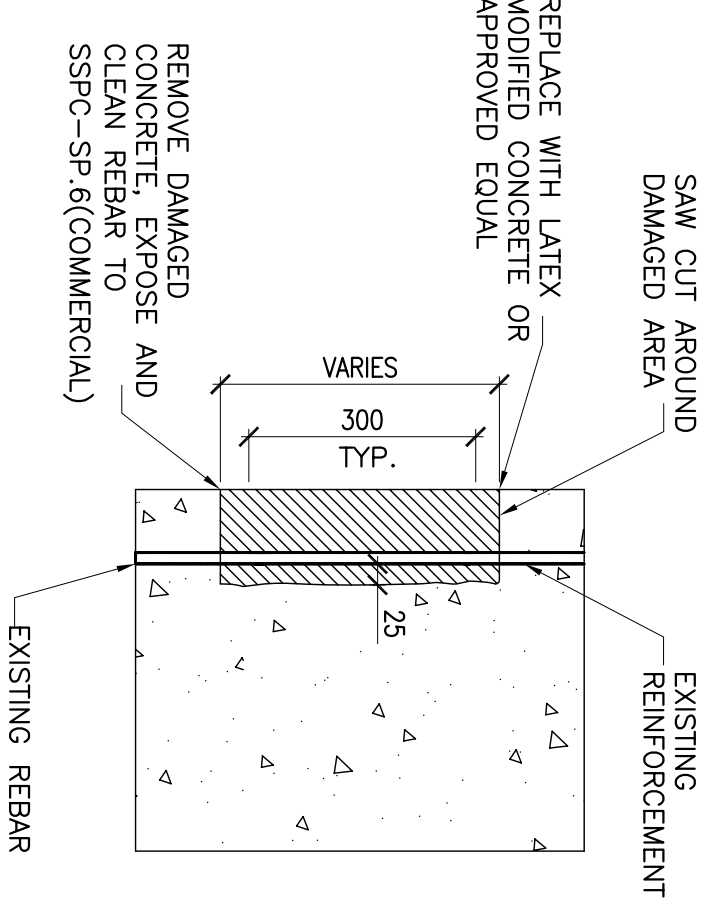
DECK DRAIN EXTENSION DETAIL 7



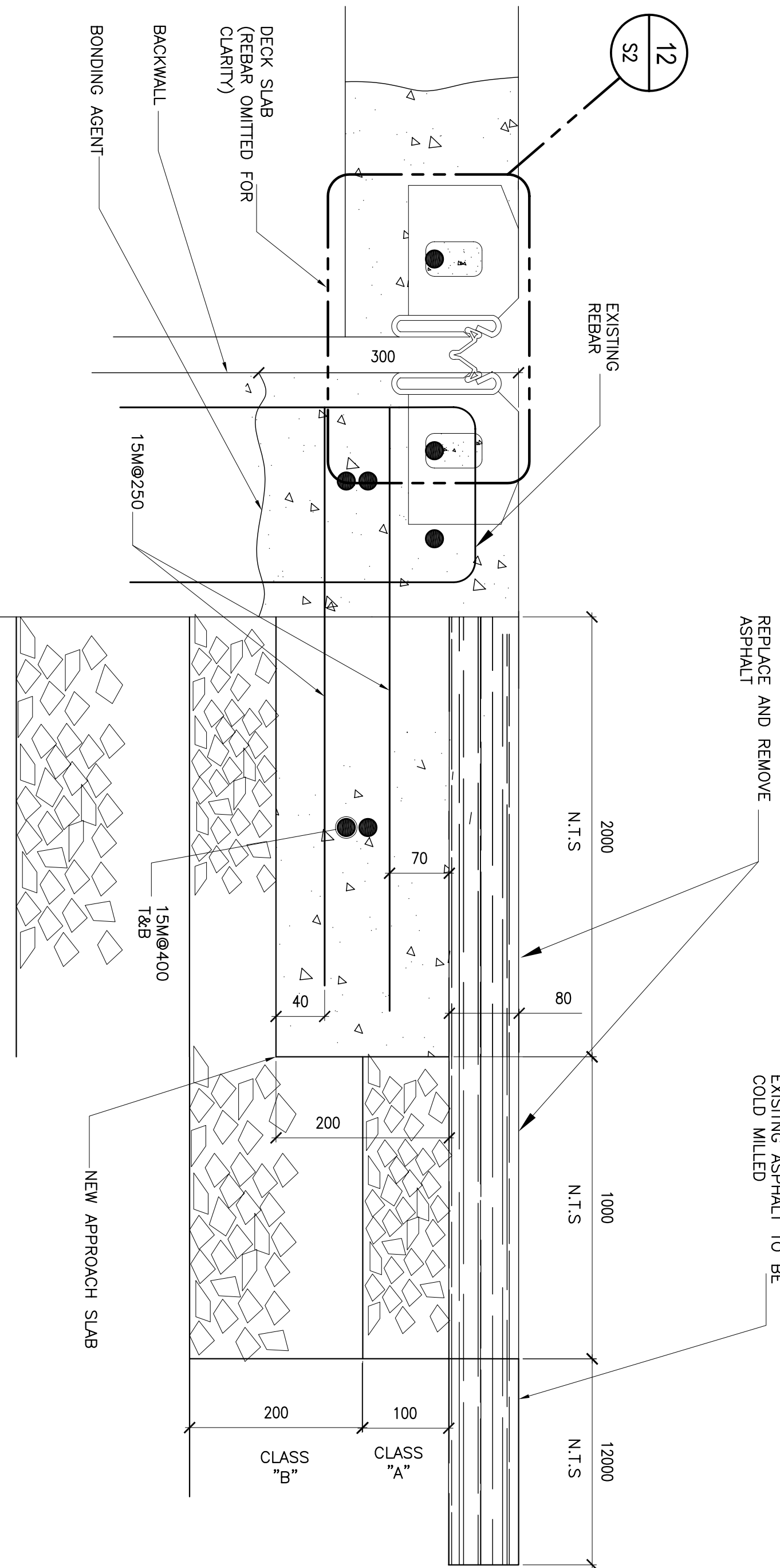
RAIL SECTION 8



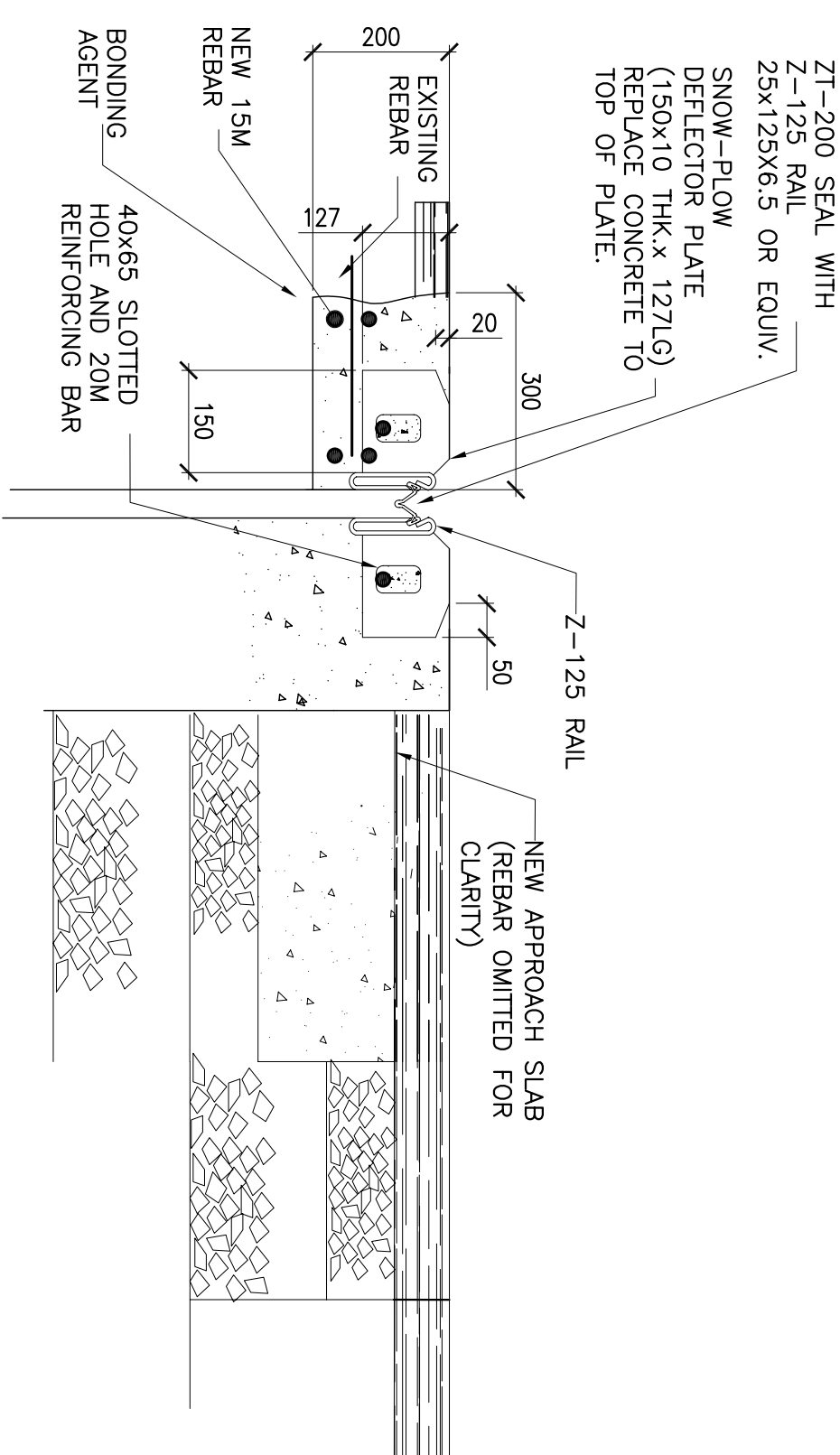
RAIL ENDBLOCK ELEVATION 9



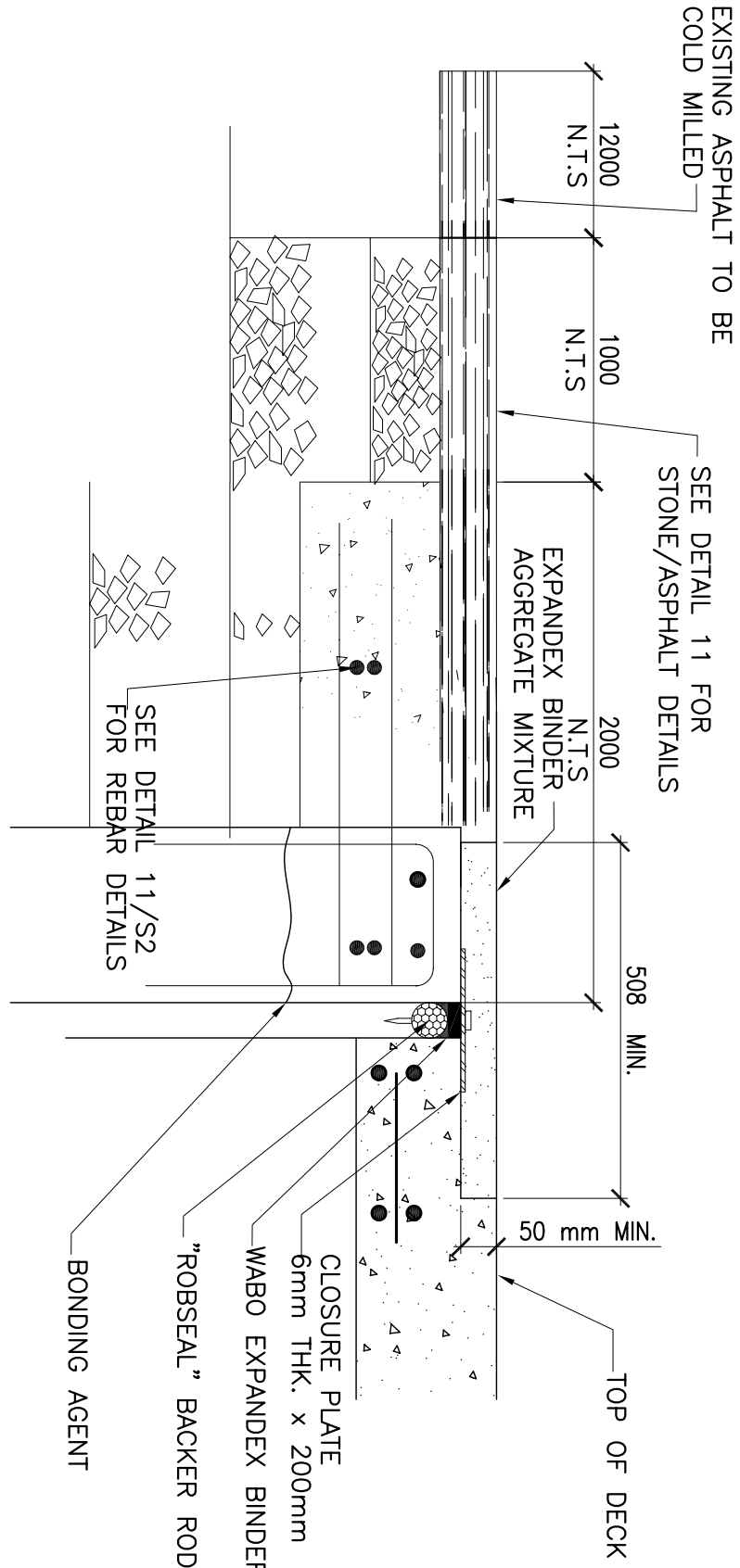
VERTICAL SURFACE REPAIR DETAIL 10



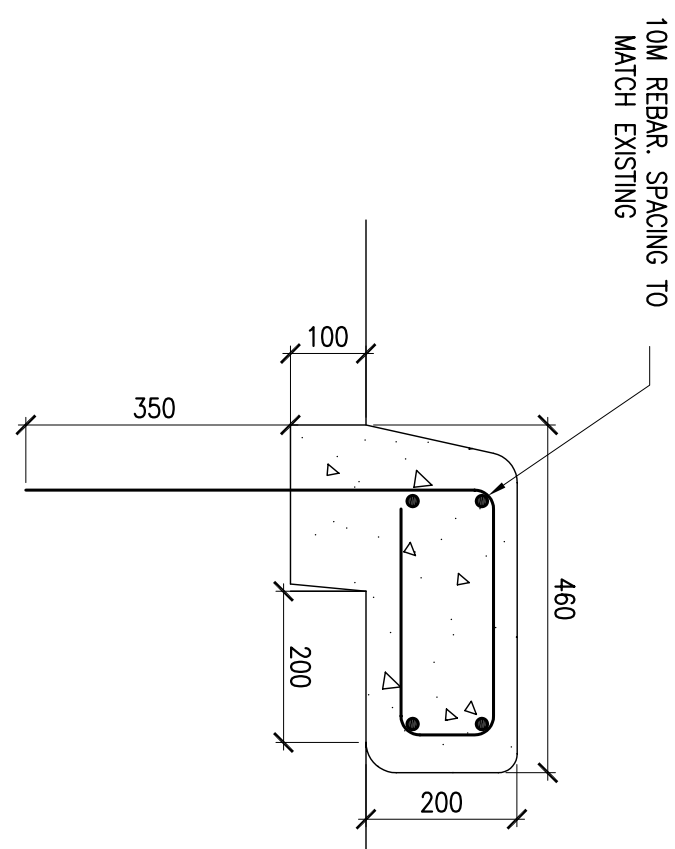
NORTH APPROACH SLAB DETAIL 11



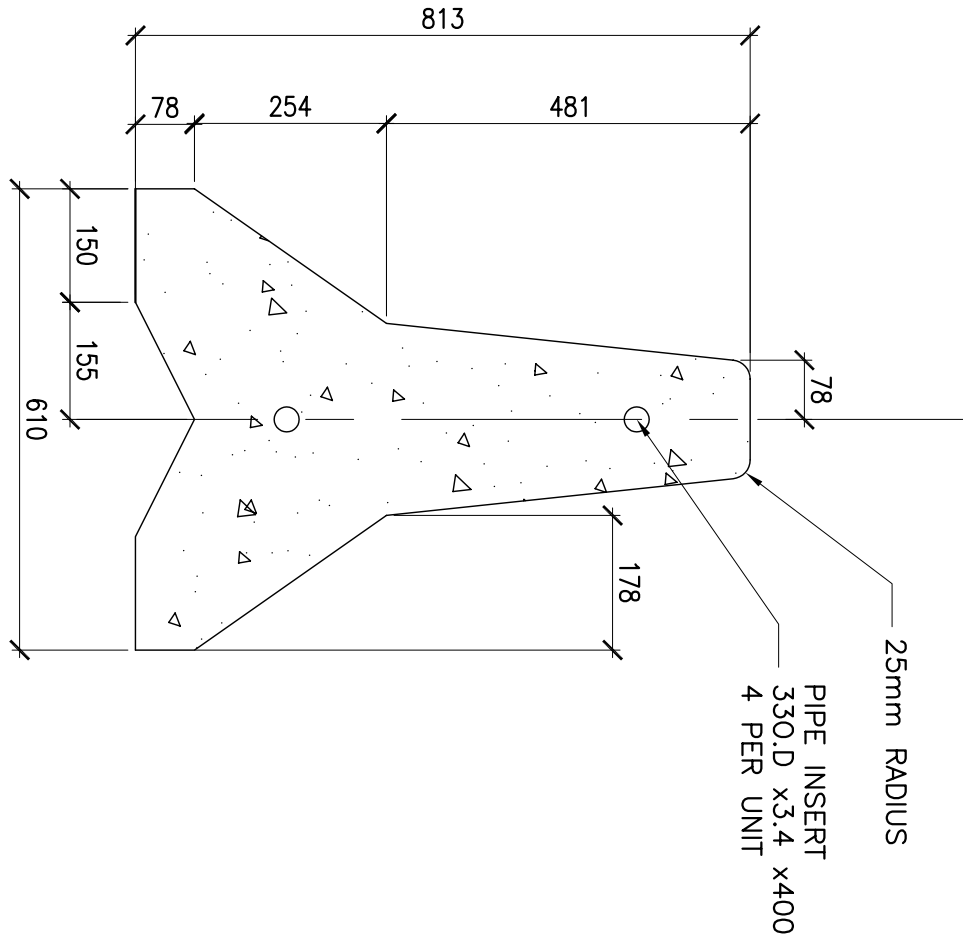
EXPANSION JOINT DETAIL 12



SOUTH APPROACH PLUG JOINT DETAIL 13



CURB DETAIL 14



TYPICAL BARRIER DETAIL 15

SOUTHEAST BROOK BRIDGE  
SECTIONS AND DETAILS

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