



- GENERAL NOTES**
- REINFORCING STEEL SHALL HAVE A MIN. CLEAR COVER OF 25mm
  - DIMENSIONAL TOLERANCES SHALL BE: WIDTH ± 3mm LENGTH ± 6mm
  - ALL EXPOSED EDGES SHALL BE CHAMFERED 19mm
  - H.T.S. STRANDS FOR: 9616 BM. 16-13" WITH INITIAL FORCE OF 128.6 kN/STRAND 17825 BM. 28-13" WITH INITIAL FORCE OF 128.6 kN/STRAND
  - LATERAL STRESSING FOR: 9616 BM. 3-10" H.T.S. STRANDS, INITIAL FORCE OF 71.5 kN/STRAND 17825 BM. 4-10" H.T.S. STRANDS, INITIAL FORCE OF 71.5 kN/STRAND
  - CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 35 MPa AT 28 DAYS & SHALL REACH A COMPRESSIVE STRENGTH @ STRESS TRANSFER OF 28 MPa.

- TOPS OF ALL BOX BEAMS SHALL BE GIVEN A GROOVE FINISH
- ERECTION LOOPS SHALL BE CUT FLUSH WITH CONC. AFTER ERECTION.
- CONSTRUCTION SEQUENCE: A. ERECTION OF UNITS B. CONNECT SHEAR TIES C. LATERAL STRESSING D. GROUTING LATERAL STRESS DUCTS E. PLACING ANCHOR RODS. F. GROUTING KEYS
- MINIMUM YIELD STRENGTH FOR REINFORCING STEEL BARS SHALL BE: 300 MPa.

NO.	REVISIONS	DATE	APP.

DESIGNED BY: F.A.K. DRAWN BY: C.R.B.

CHECKED BY: L.D.M. DATE: 80-08-25

APPROVED BY: [Signature] DATE: 25/9/80

THE CITY OF WINNIPEG

WORKS & OPERATIONS

STREETS & TRANSPORTATION

STURGEON CREEK BRIDGE ON PORTAGE AVENUE SOUTH STRUCTURE PRECAST BOX BEAM END SPAN - 9.616M

AUTHORIZED BY: [Signature] DATE: 80-10-21

ACCEPTED BY: [Signature] DATE: 80-10-21

SCALE: 1/25 OR AS NOTED DRAWING NO: B178-80-19