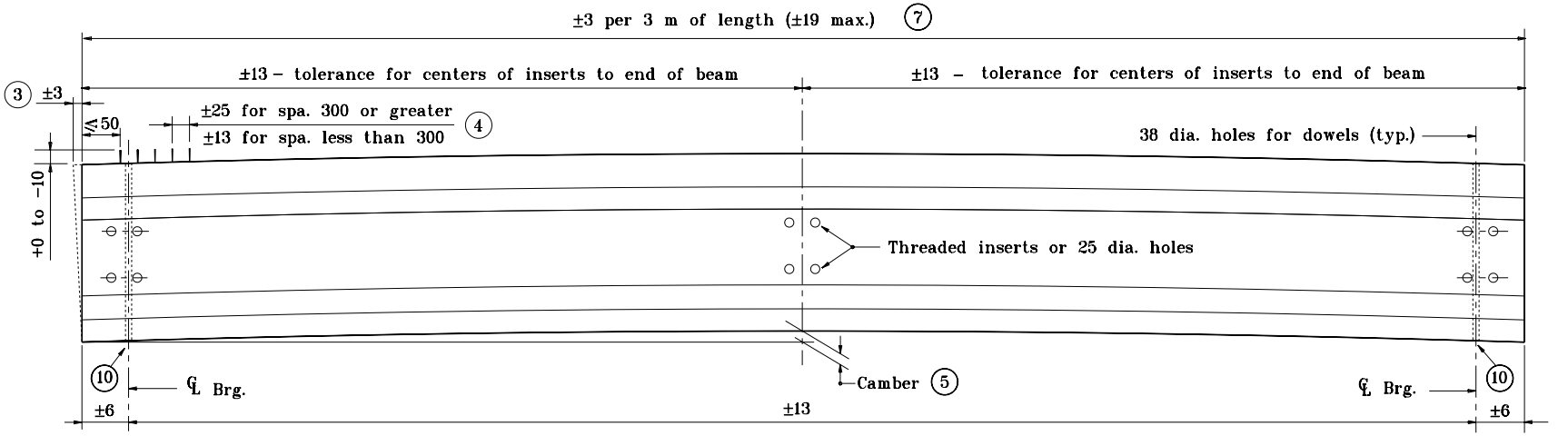
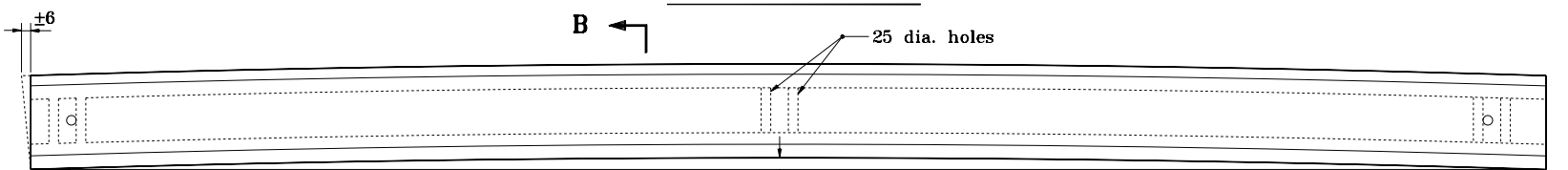
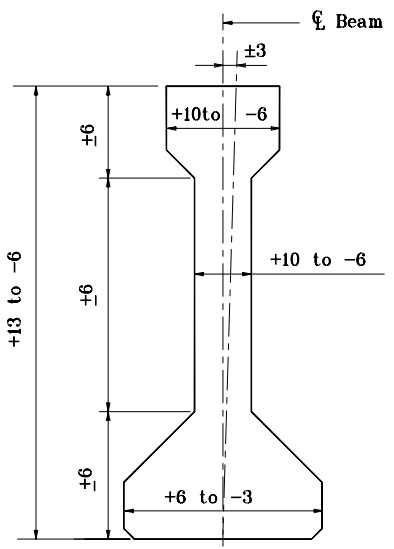


I–BEAM ELEVATION



Variation from a straight line, end to end of beam and parallel to centerline of beam: ±3 mm per 3 m of length, ±19 mm max. 8

I–BEAM PLAN



SECTION B–B

NOTES :

1. For General Notes see Standard Drawing 707–BPBF–03.
2. Center of gravity of depressed strand group at the end of beam shall not be more than ±13 mm.
3. Horizontal tolerance of beam ends for deviation from a true vertical with respect to top and bottom sufaces. Vertical tolerance shall be ±3 mm per 300 mm of beam height.
4. Tolerances for reinforcing bars for composite beam.
5. Tolerance of position of post–tensioning duct shall be ±6 mm.

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

FABRICATION TOLERANCES PRESTRESSED I BEAM

MAY 2000

STANDARD DRAWING NO. **707–BPBF–02**

ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Anthony L. Uremovich 5–01–00
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 5–01–00
CHIEF HIGHWAY ENGINEER DATE