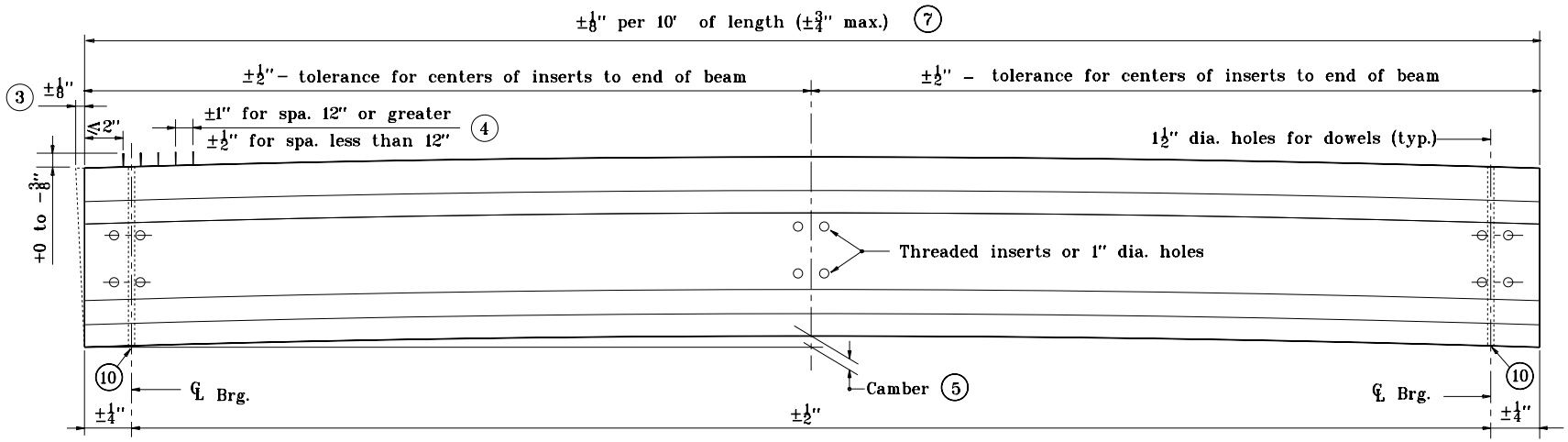
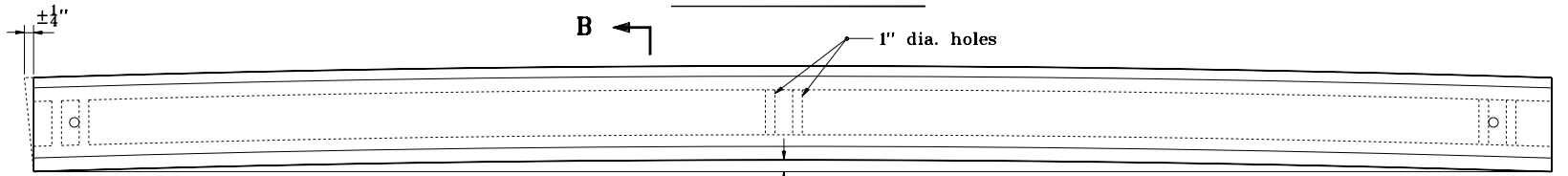
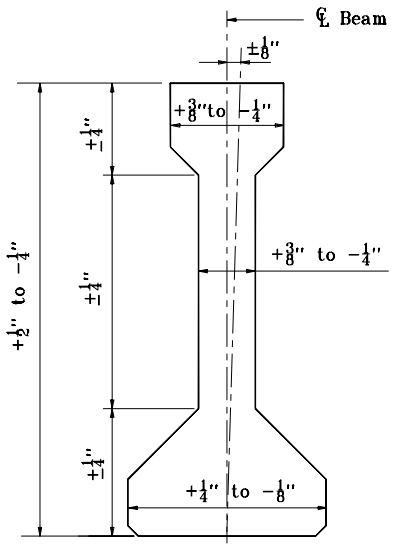


I–BEAM ELEVATION



Variation from a straight line, end to end of beam and parallel to centerline of beam: ±1/8" per 10' of length, ±3/4" max. (8)

I–BEAM PLAN



SECTION B–B

NOTES :

1. For General Notes see Standard Drawing E 707–BPBF–03.
2. Center of gravity of depressed strand group at the end of beam shall not be more than ±1/2".
3. Horizontal tolerance of beam ends for deviation from a true vertical with respect to top and bottom sufaces. Vertical tolerance shall be ±1/8" per 12" of beam height.
4. Tolerances for reinforcing bars for composite beam.
5. Tolerance of position of post–tensioning duct shall be ±1/4".

INDIANA DEPARTMENT OF TRANSPORTATION

FABRICATION TOLERANCES PRESTRESSED I BEAM

MAY 2000

STANDARD DRAWING NO. **E 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