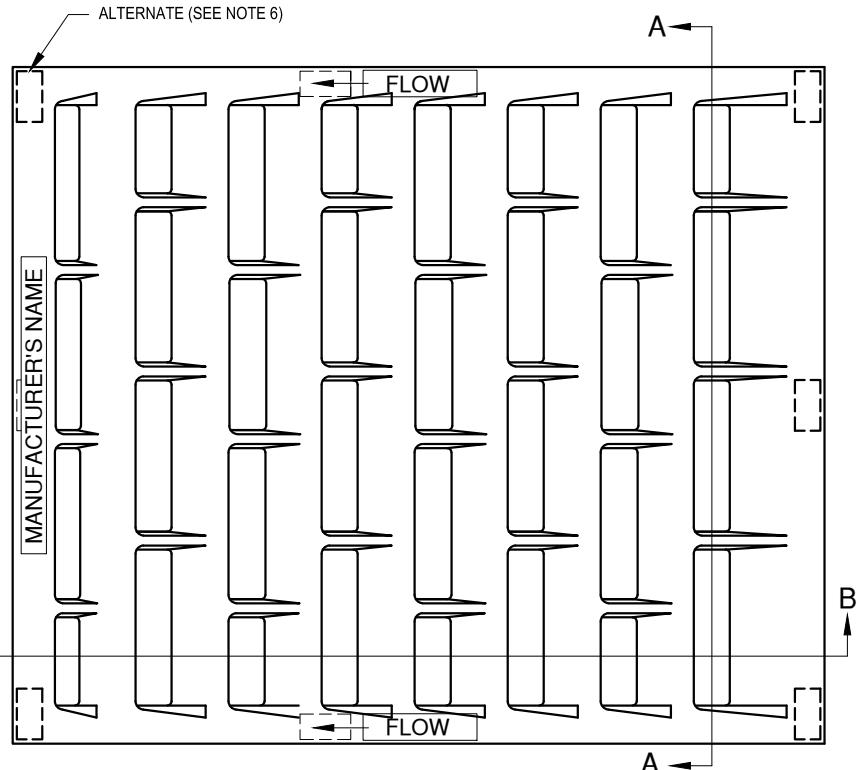


SECTION B-B

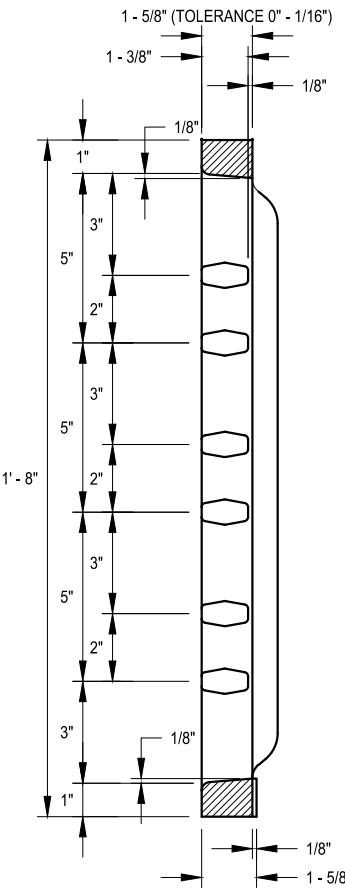
GENERAL NOTES:

1. THE NAME OF THE MANUFACTURER AND DIRECTION OF FLOW SHALL BE EMBOSSED ON THE TOP SURFACE OF EACH GRATE, LETTERING TO BE RECESSED 1/16".
2. FRAME SHALL BE GRAY IRON, AND GRATE SHALL BE DUCTILE IRON, BOTH SHALL CONFORM TO AASHTO M-306.
3. DIMENSIONS SHALL HAVE $\pm 1/16"$ TOLERANCE, EXCEPT AS NOTED.
4. EDGES SHALL HAVE 1/8" RADIUS, 1/8" CHAMFER OR COMPLETE DE-BURRING.
5. WELDING IS NOT PERMITTED.
6. AS AN ALTERNATE, 8 PADS 1 1/2" X 3/4" X 1/8", INTEGRALLY CAST WITH THE GRATE, MAY BE USED.



PLAN VIEW

APPROXIMATE WEIGHT-101 LBS.



SECTION A-A



APPROVED BY:

ROBERT B. BLEGEN, P.E.
PUBLIC WORKS DIRECTORMETAL GRATE
TYPE 1 (BYPASS)STANDARD PLAN NO.
S-121

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