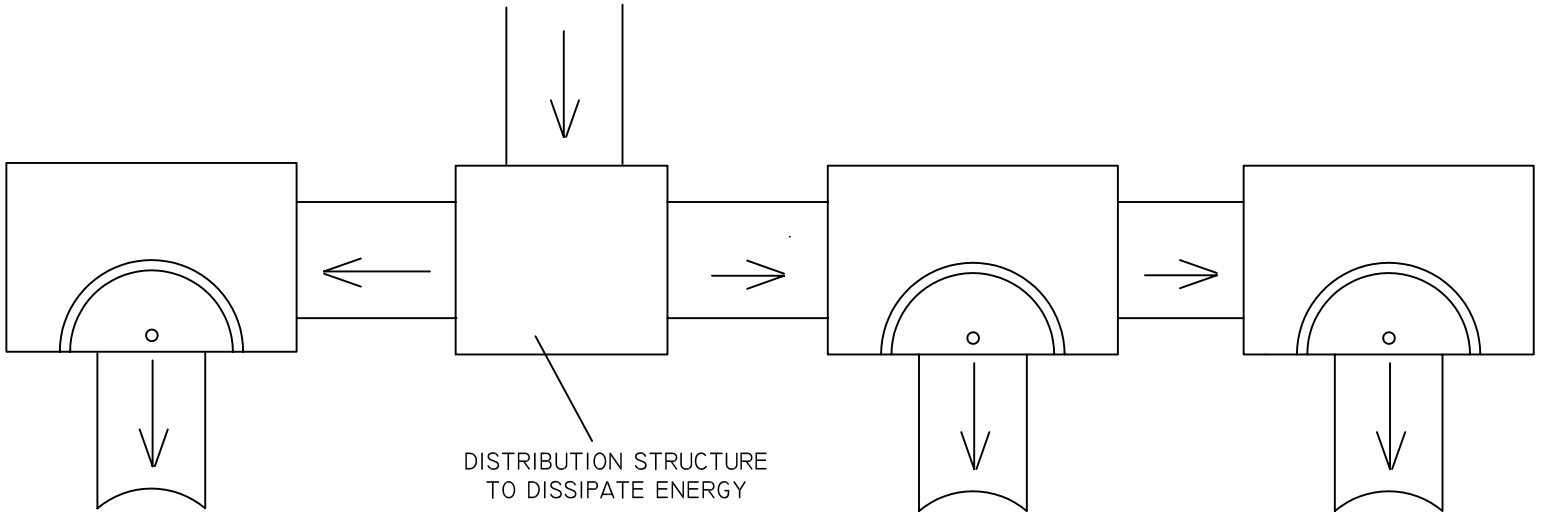


HIGH FLOW SNOOT DISTRIBUTION OUTLET STRUCTURE SCHEMATICS PREFERRED APPLICATIONS

OPTION WITH MULTIPLE
SNOOT STRUCTURES

HIGH FLOW FROM
UPSTREAM

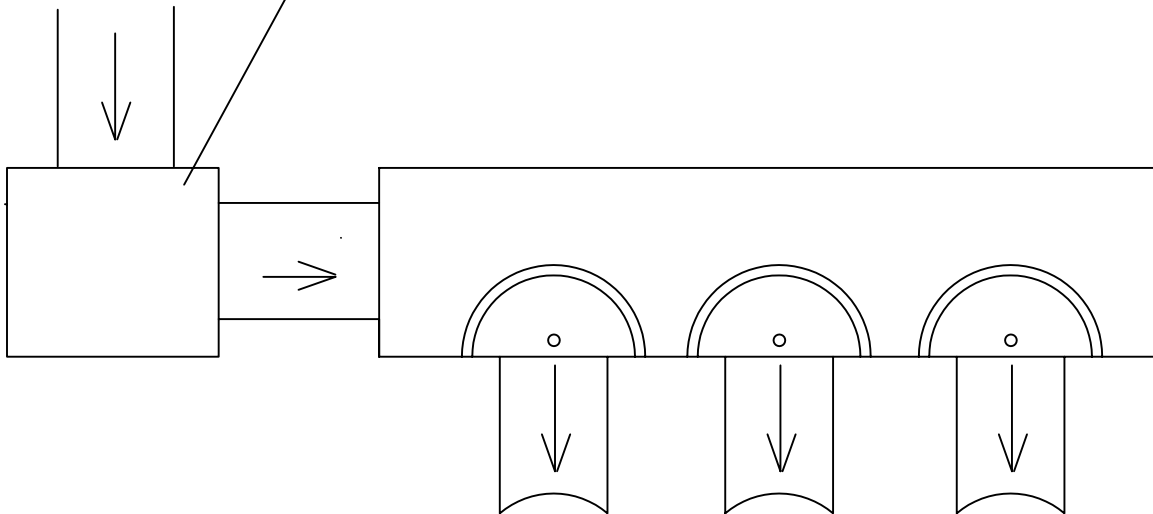


DISTRIBUTION STRUCTURE
TO DISSIPATE ENERGY

OPTION WITH SINGLE
SNOOT STRUCTURE

HIGH FLOW FROM
UPSTREAM

NOT TO SCALE



DESIGN NOTES:

1. HIGH FLOW FROM UPSTREAM SHOULD ENTER A DISTRIBUTION STRUCTURE PRIOR TO ENTERING SNOOT STRUCTURES
2. EXIT FROM DISTRIBUTION STRUCTURE TO SNOOTS SHOULD NOT BE INLINE WITH MAIN INCOMING PIPE RUN.
3. DEEP SUMP RECOMMENDED (2.5X INLET PIPE ID MIN.) FOR ALL SNOOT EQUIPPED STRUCTURES.
4. DISTRIBUTION STRUCTURE SHOULD HAVE A SUMP WITH 2 X INLET PIPE ID.

BMP, INC.

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HIGH FLOW
OUTLET WITH
ENERGY
DISSIPATION

DATE:
09/09

DRAWING NUMBER
HFO-PREF

SNOUT U.S. PATENT #6126817 ADDITIONAL PATENTS PENDING