#20 - 2 conductor, foil shielded direct burial sensor cable (provide 36" extra cable)

FINISH GRADE

SCH. 80 PVC close nipple (2 total)

SCH. 80 PVC union same size as pipe (2 total)

SCH. 80 PVC male adapter (2 total)

PVC main line from backflow upstream

SCH. 80 red pvc coupling (see note #2)

BRICK (4 total)

FLOW SENSOR BODY

FLOW DOWNSTREAM

SCH. 80 red pvc coupling (see note #2)

0" in turf area

1" in shrub or groundcover area

24"

4" min.

A

B

3/4" 0 pea gravel - 6" deep (no soil in valve box)

ELEVATION VIEW

NO SCALE

NOTES:

1. Flow sensor must be installed with insert (top) vertical and body (tee) positioned horizontally.

2. Reducer coupling must be at a distance equal to 10 times the pipe diameter on the upstream side (A) and 5 times the pipe diameter on the downstream (B) side.

Example: for 3" flow sensor, 30" on upstream side and 15" on downstream side.