NOTES:
1) Construct manhole for H-20 loading.
2) Manholes are required at building take-offs and valve locations only.
3) Floor drain to be piped to storm sewer.
4) At lowest manhole in the piping run include HTHWS & R drains piped to a tempering tank, to be discharged into sanitary sewer.
5) If a sump pump is required, power to the sump pump to be connected to emergency power.
6) Include a three-valve combination on the supply and return for each building take-off to accommodate back-feed capability, see below: