

## NOTES:

- 1. CASING PIPE IS REQUIRED UNDER ALL EXISTING ROADWAYS, OR AS OTHERWISE DIRECTED BY THE VILLAGE ENGINEER WHERE OPEN CUTS ARE NOT PERMITTED, EXCEPT FOR WATER SERVICE LINES 2" IN DIAMETER OR UNDER.
- 2. WATER MAIN CASING SPACERS SHALL BE RESTRAINED IN POSITION.
- 3. THE INSIDE DIAMETER OF THE CASING PIPE SHALL BE DETERMINED BY CONTRACTOR BUT IN NO CASE SHALL IT BE LESS THAN 8" LARGER THAN THE DIAMETER OF THE CARRIER PIPE TO ALLOW AMPLE SPACE FOR BELLS, AND CARRIER PIPE SLOPE (FOR GRAVITY PIPE).
- 4. INSTALL ALL STAINLESS STEEL CASING SPACERS (BY CASCADE OR APPROVED EQUAL) FOR EACH PIPE LENGTH ON 6' CENTERS, OF THE SIZE RECOMMENDED BY THE MANUFACTURER
- BRICK AND MORTAR BULKHEAD (BOTH ENDS) AS APPROVED BY VILLAGE ENGINEER PRIOR TO BACKFILLING.

## VILLAGE OF ELK GROVE VILLAGE

