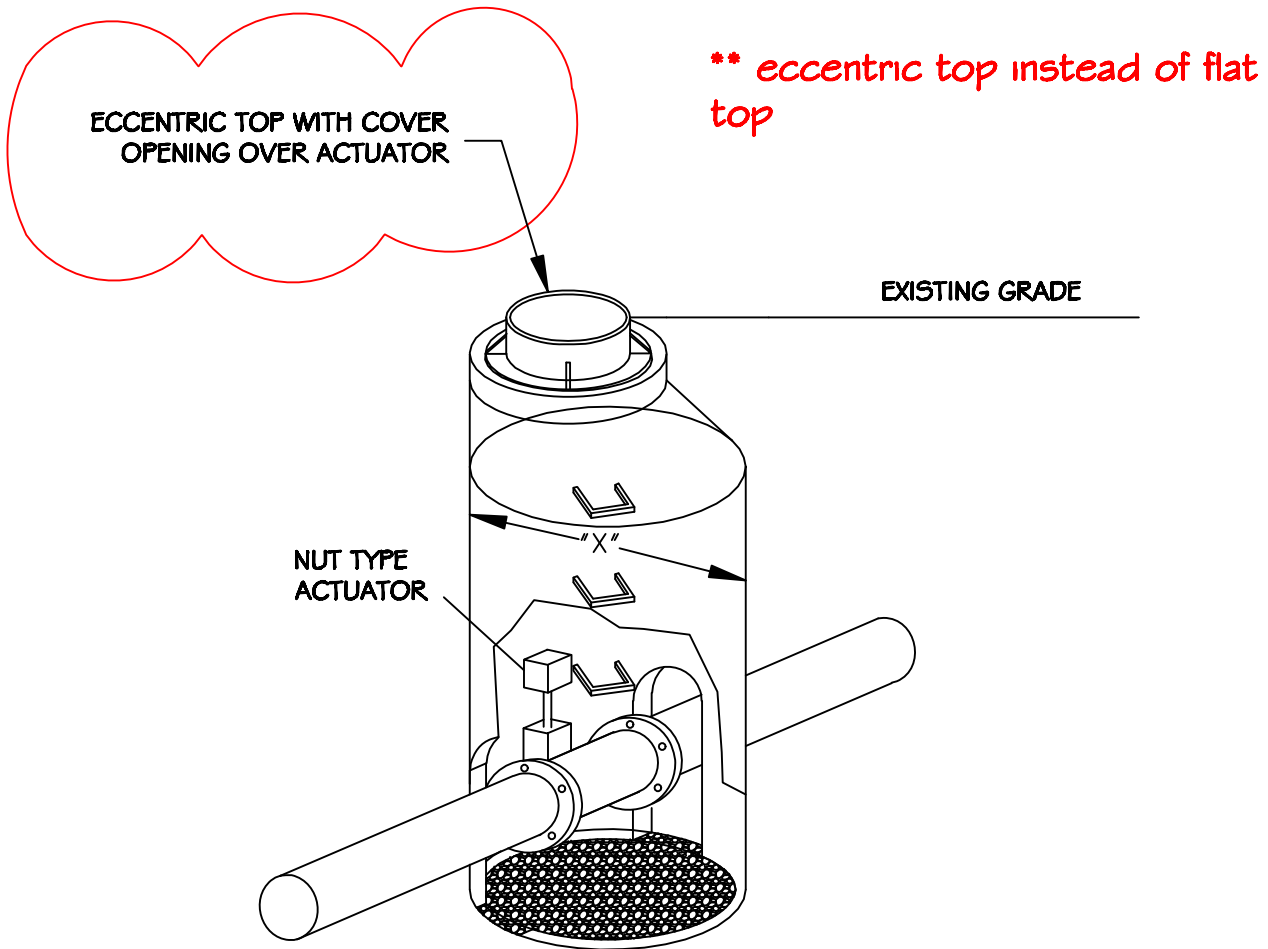


NOTES:

| | |
|----------------|---------|
| VALVE SIZE | "X" |
| 16" | 5' M.H. |
| 24" | 6' M.H. |
| 30" OR GREATER | 8' M.H. |

1. USE STANDARD PRECAST ECCENTRIC TOP.
2. BASE SECTION SHALL BE OF "DOG HOUSE" TYPE TO FIT OVER MAIN.
3. PROVIDE A MIN. OF 12" OF #67 STONE FOR POSITIVE DRAINAGE IN BOTTOM OF MANHOLE.
4. GROUT RISER/BASE SECTION AS NECESSARY.
5. MANHOLE LID SHALL SAY "WATER".
6. FLAT TOP MAY BE USED IN NON-PAVED AREAS WHEN NECESSARY TO MATCH GRADE.



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|---|-----------|---------|-----------|----------|
| CITY OF RALEIGH | | | | |
| DEPARTMENT OF PUBLIC UTILITIES | | | | |
| BUTTERFLY VALVE MANHOLE DETAIL FOR 16" & LARGER MAINS | | | | |
| DWG. NO. | REVISIONS | DATE | REVISIONS | DATE |
| R-13 | RRH | 3-31-00 | D.H.L. | 6-18-08 |
| | ABB | 3-14-05 | J.P.S. | 10-20-10 |