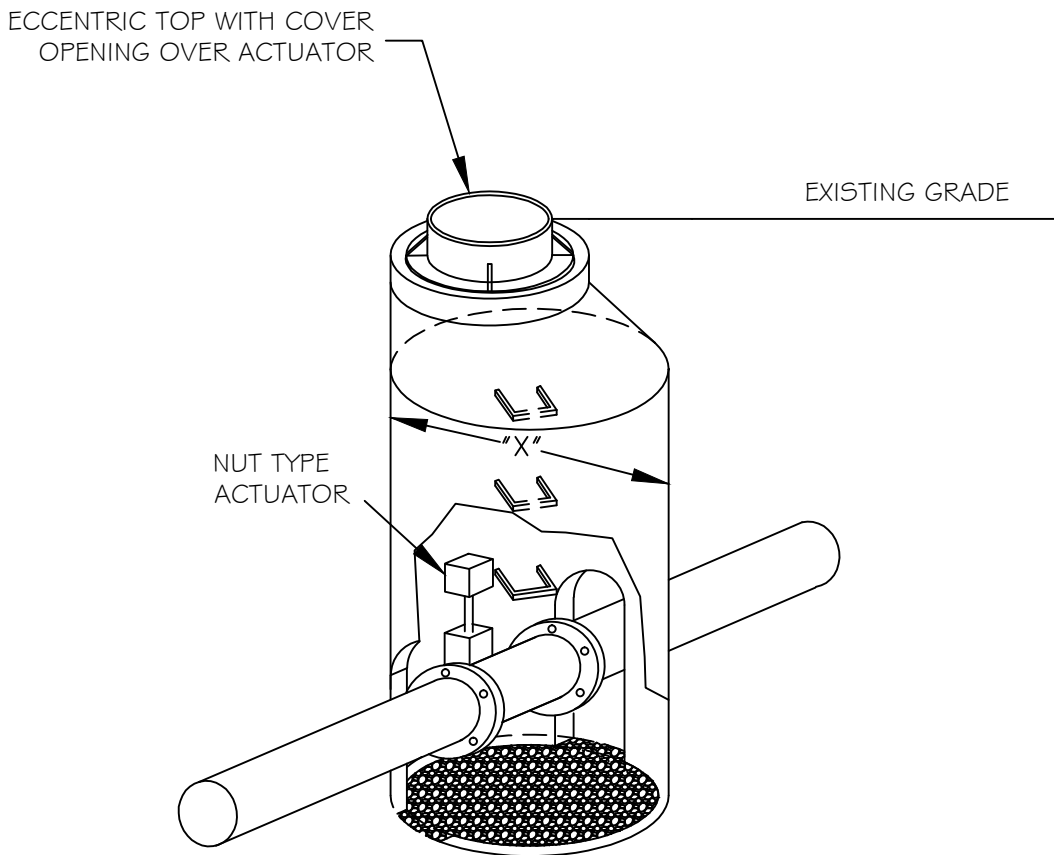


NOTES:

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.



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