NOTES:

1. Restrain all pipe joints on buried butterfly valves.
2. Concrete support cradle and support pad shall be 3000 psf ready-mix concrete with a minimum of 517 pounds per cubic yard type 1 cement and a maximum slump of 4 inches.

WESTERN IRON WORKS MODEL 71 6"x9" VALVE BOX WITH LOCKING LID, OR APPROVED EQUAL

TRENCH BACKFILL

BUTTERFLY VALVE (SEE PLANS FOR SIZE)

EMBEDMENT MATERIAL

ADDITIONAL #5 BAR AT UPPER EDGE OF SUPPORT CRADLE

#4 @ 6" OC EW

HORIZ AND VERT

BOTTOM OF PIPE TRENCH

#4 @ 6" OCEW

UNDISTURBED FOUNDATION

SECTION

6" MIN (TYP) BOTH CRADLES

8" MIN (TYP) ALL SIDE

NUT SHALL BE 2" SQ 1-1/2" LONG, WELDED TO TO OF ROD

VALVE EXTENSION ROD

6" DIA CASING CENTERED ON VALVE OPERATOR STEM

WESTERN IRON WORKS MODEL 71 VALVE CASING OR APPROVED EQUAL

VALVE OPERATOR

40 MIL PLASTIC

#4 @ 6" OCEW

CITY OF ROUND ROCK

DRAWING NO: WT-23

BUTTERFLY VALVE DETAIL

RECORD SIGNED COPY ON FILE AT PUBLIC WORKS
APPROVED
04-01-10
DATE

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL (NOT TO SCALE)