NOTE:
MANHOLE BASE SHALL BE PLACED ON FIRM SUBGRADE. ADDITION OF CEMENT STABILIZED SAND OR GRAVEL MAY BE REQUIRED TO STABILIZE FOUNDATION.
IN EXISTING MANHOLE, PLACE PVC ELBOW ON BENCH, GROUT NEW BENCH TO SPRINGLINE AND TROWEL SMOOTH. FORM SMOOTH CHANNEL TO INVERT.
ALL NEW CONNECTION AT EXISTING MANHOLES SHALL BE BY CORING ONLY

PLAN

STD. DUCTILE IRON MANHOLE COVER AND FRAME (30" DIA. OPENING) OR EQUAL
GRADE RINGS FOR ADJUSTMENT TO Finish GRADE AS PER DETAIL S1-02 - NOTE 1
PRECAST FLAT-TOP LID
BACK FILL AROUND MH SHALL BE AS PER DETAIL S1-02 - NOTE 4
VARIABLE (4" MIN.)
5 INCH THICKNESS (MIN)
USE RAM-NECK O-RING, OR APPROVED EQUAL IN JOINTS
1-3/4" STAINLESS STEEL BANDS - 1/8" THICKNESS (TYP) W/ 5/8" STAINLESS STEEL BOLTS W/EXPANSION ANCHORS (TYP)
#4 BARS, 8" O.C.E.W.
NOTE: DEPTHS GREATER THAN 12' WILL REQUIRE 2 MATS OF REINFORCING STEEL IN THE BASE

CITY OF BRYAN : DROP MANHOLE TO BE USED ON LINES UP TO 12" IN SIZE
CITY OF COLLEGE STATION : DROP MANHOLE TO BE USED ON LINES UP TO 4" IN SIZE