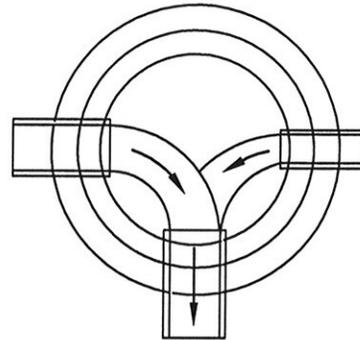
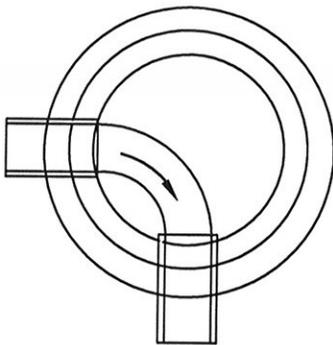


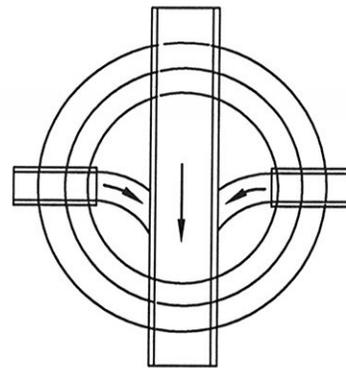
SIZE CHANGE IN THE MAIN
NOT TO SCALE



MAIN TERMINATING IN A M.H.
NOT TO SCALE



ALIGNMENT CHANGE IN THE MAIN
NOT TO SCALE



PIPE CONTINUOUS THROUGH M.H.
NOT TO SCALE

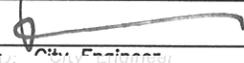
NOTES:

1. FLEXIBLE PIPE THROUGH A MANHOLE REQUIRES A WATER STOP.
2. TERMINATING PIPES TO EXTEND INTO M.H. INTERIOR A MAX. DISTANCE OF 4".
3. THE TOP HALF OF ALL PIPE WITHIN THE M.H. IS TO BE CUT AWAY. COVER THE CUT EDGES WITH MORTAR CONSTRUCTING THE BENCHING.
4. PREPARE A SMOOTH TROWLED CONC. CHANNEL HAVING UNIFORM GRADIENT BETWEEN PIPE INVERTS. END OF PIPE TO BE BEVELED AT 45°.
5. EXTEND THE CHANNEL WALLS UP TO A HEIGHT EVEN WITH TOP OF THE PIPE.
6. HAND TAMP 9" OF SELECT BACKFILL MATERIAL UNDER ALL PIPING COMING OUT OF THE MANHOLE UP TO THE FIRST JOINT.
7. THE BREADTH OF THE CHANNEL AT EACH JUNCTION MUST ALWAYS BE AS GREAT AS THE DIAMETER OF THE CONNECTED PIPE.
8. INSIDE RADIUS OF CHANNEL TO BE GREATER THAN THE DIAMETER OF THE LARGEST CONNECTED PIPE UP TO 2 PIPE DIAMETERS.
9. SLOPE THE BENCHING UP TOWARD THE M.H. WALL AS INDICATED IN THE M.H. SECTION. TROWEL THE SURFACE SMOOTH.
10. INCOMING NON-STRAIGHT LINES SHALL HAVE AN INVERT THAT IS AT LEAST 10' HIGHER THAN THE OUT GOING LINE.

CITY of CORCORAN • Department of Public Works

Standard Drawing for:

INVERT PLANS OF
STANDARD MANHOLES

APPROVED:  City Engineer

05/19/08

Revised:

SS-4