



NOTES:

1. DROP IS REQUIRED WHEN X IS GREATER THAN 30".
2. ELEVATION OF DROP PIPE IS TO BE AS SHOWN ON DETAIL OR AS SHOWN ON PLANS.
3. MATERIALS FOR THE TEE, DROP PIPE AND BEND SHALL BE ONE OF THE FOLLOWING TYPES: DUCTILE IRON (DIP) WITH CERAMIC EPOXY INTERNAL LINING OR VCP.
4. PIPE CONNECTIONS TO MANHOLES SHALL BE SEALED BY THE FOLLOWING METHODS: GROUTING (VCP) OR WATER STOP (DIP OR HDPE).
5. LOWER DROP AND CONCRETE CHANNEL SHALL BE CONSTRUCTED TO DIRECT FLOW IN THE SAME DIRECTION AS THE FLOW IN D_2 .
6. WHERE $D_1 \geq 14"$ A SPECIAL CONNECTION DETAIL IS NEEDED. PLEASE REFER TO PROJECT ENGINEER FOR SPECIAL DETAIL.

APPROVED BY

MN

DROP MANHOLE CONNECTION

DATE

10/20/15

DEPARTMENT OF PUBLIC WORKS



DRAWING NO.

D-15