

STANDARD SANITARY SEWER LATERAL  
WITH MINI-MANHOLE

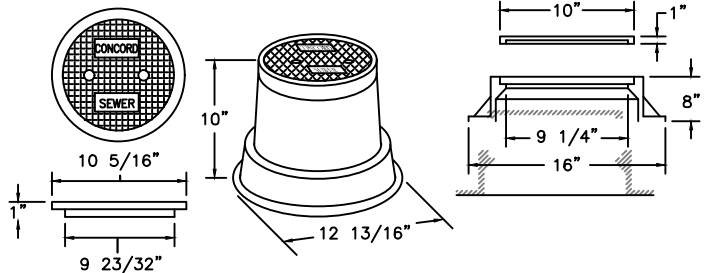
N.T.S.

**GENERAL NOTES:**

1. 4" AND 6" SEWER LATERAL - MINIMUM GRADE 1.0%
2. THE LATERAL SHALL BE A MINIMUM OF 5' BELOW THE EDGE OF PAVEMENT, EXCEPT WHERE DEPTH OF SEWER MAIN WILL NOT PERMIT.
3. DUCTILE IRON PIPE (DIP) MATERIAL SHALL BE USED WHERE LESS THAN 3' BUT NOT LESS THAN 18" OF COVER IS MAINTAINED OVER THE SEWER LATERAL OR WHERE THE LATERAL HAS 18" OR MORE GROUND COVER OVER THE LATERAL.
4. ALL SCHEDULE 40 PVC LATERALS SHALL BE INSTALLED USING CLASS B BEDDING. DIP SEWER LATERAL SHALL USE CLASS C BEDDING.
5. THE SEWER LATERAL WYE SHALL BE LOCATED SUCH THAT THE BRANCH PIPE AXIS FORMS AN ANGLE OF 30-DEGREES WITH THE HORIZONTAL.
6. WHERE THE DEPTH OF THE WYE BRANCH IS MORE THAN 10', A STANDPIPE SHALL BE INSTALLED TO BRING CONNECTIONS WITHIN 8' OF THE GROUND SURFACE, UNLESS A GREATER DEPTH THAN 8' IS REQUIRED TO PROVIDE THE MINIMUM SLOPE IN THE SERVICE.
7. SEWER LATERAL CLEANOUTS SHALL BE LOCATED AT THE EDGE OF THE RIGHT-OF-WAY OR PUBLIC UTILITY EASEMENT. SEWER LATERALS THAT EXTEND FROM SEWER MAINS LOCATED WITHIN THE ROAD RIGHTS-OF-WAY SHALL BE LOCATED AT THE CENTER OF THE LOT OR AS INDICATED ON THE APPROVED DESIGN DRAWINGS.
8. SEWER LATERAL CLEANOUTS SHALL NOT BE LOCATED WITHIN SIDEWALKS, DRIVEWAYS OR ANY FEATURE CONVEYING OR POOLING STORMWATER.
9. SEWER LATERALS SHOULD TIE TO THE SEWER MAIN, BUT WHEN INDICATED ON THE DRAWINGS, THE SEWER LATERAL CAN BE INSTALLED INTO A MANHOLE. A MAXIMUM OF 3 LATERALS TO A DEADEND MANHOLE AND A MAXIMUM OF 2 LATERALS TO AN IN-LINE MANHOLE.
10. THE SEWER LATERAL MUST NOT EXTEND MORE THAN 6" BEYOND THE MANHOLE WALL AND THE LATERAL INVERT SHALL BE LEVEL WITH THE MANHOLE SHELF AND A CHANNEL SHALL BE BUILT TO PROVIDE SMOOTH FLOW FROM THE LATERAL TO THE MAIN LINE INVERT.
11. THE CLEANOUT SHALL BE HOUSED IN A STANDARD 10" ROUND MINI-MANHOLE. FOR SEWER LATERAL CLEANOUTS LOCATED OUTSIDE OF AREAS SUBJECT TO PEDESTRIAN AND VEHICULAR TRAFFIC, THE MINI-MANHOLE SHALL BE PLASTIC, MANUFACTURED BY DFW PLASTICS, INC OR EQUAL. FOR ALL OTHER LOCATIONS AND/OR AREAS WHERE THE SEWER LATERAL CLEANOUTS WILL BE SUBJECT TO ANY PEDESTRIAN AND VEHICULAR TRAFFIC, THE MINI-MANHOLES SHALL BE H-20 LOAD TRAFFIC RATED ASPHALTIC COATED CAST IRON MANUFACTURED BY EAST JORDAN WORKS, INC. OR EQUAL.
12. A "S" SHALL BE SCRIBED IN THE FACE OF THE CURB ABOVE THE LOCATION OF INSTALLED SEWER LATERAL.

STANDARD SANITARY SEWER CLEANOUT  
WITH MINI-MANHOLE

N.T.S.



CITY OF CONCORD  
STANDARD DETAIL  
SANITARY SEWER LATERAL  
INSTALLATION ON  
PROPOSED SEWER MAIN

No.	Date	By	REVISION					
Drawn By:	BCC	Checked By:	SVM	Approved By:	MSH	Date	Sht	of
						07/21	1	1