



- - - - - CONSTRUCTED BY DEVELOPER OR PROPERTY OWNER. (SUGGESTED DESIGN)  
 \_\_\_\_\_ CONSTRUCTED BY CONTRACTOR FOR THE CITY OF AKRON.  
 \* FOR NEW DEVELOPMENTS SEE NOTE 8.

WHERE THE BUILDING STORM SEWER OR SUMP PUMP LINE EXISTS, THIS CONNECTION SHALL BE MADE BY THE CONTRACTOR AT NO EXTRA COST. WHERE THE BUILDING STORM SEWER OR SUMP PUMP LINE DOES NOT EXIST, THE END OF THE LATERAL SHALL BE PLUGGED AT THE PROPERTY LINE AND MARKED WITH A STAKE TO THE GROUND SURFACE. SEE NOTE 6.

**NOTES**

1. THE STORM LATERAL SHALL BE USED FOR SUMP PUMP DISCHARGE AND MAY BE USED FOR ROOF DRAIN(S) OR OTHER STORM WATER RUNOFF.
2. PIPE SIZE AND MATERIAL SHALL BE SPECIFIED ON THE PLAN.
3. BEDDING FOR VITRIFIED CLAY PIPE (EXTRA STRENGTH) OR REINFORCED CONCRETE PIPE SHALL BE CLASS 'B', MEETING THE REQUIREMENTS OF 551.05, UNLESS OTHERWISE SPECIFIED BY THE PLANS.
4. EMBEDMENT FOR FLEXIBLE PIPE SHALL MEET THE REQUIREMENTS OF 551.05, UNLESS OTHERWISE SPECIFIED BY THE PLANS.
5. BACKFILL SHALL MEET THE REQUIREMENTS OF 551.09.
6. WHERE THE SAME PIPE MATERIAL IS NOT USED FOR THE ENTIRE LATERAL LENGTH, MANUFACTURED FITTINGS MUST BE USED TO CONNECT DIFFERENT MATERIALS.
7. WHERE EXISTING UTILITIES ARE ENCOUNTERED, THE STORM SEWER LATERAL SHALL BE PLACED TO MAINTAIN THE FOLLOWING MINIMUM CLEARANCES:  
 WATER MAINS (1 FOOT - HORIZONTAL AND VERTICAL)  
 GAS MAINS (1 FOOT - HORIZONTAL AND VERTICAL)  
 ELECTRICAL CONDUIT (1 FOOT - HORIZONTAL AND VERTICAL)  
 SANITARY LATERALS (5 FOOT - HORIZONTAL)  
 WHERE THE MINIMUM CLEARANCES CANNOT BE MAINTAINED, THE CONTRACTOR SHALL CONTACT THE AFFECTED UTILITY OWNER FOR ADJUSTMENT OF THE UTILITY LINE.

8. FOR LATERALS CONSTRUCTED IN A NEW DEVELOPMENT, THE LATERAL SHALL BE EXTENDED TO 10 FEET BEYOND THE RIGHT OF WAY, OR TO THE OUTSIDE EDGE OF THE UTILITY EASEMENT WHICH EVER IS THE GREATER DISTANCE, UNLESS OTHERWISE SPECIFIED BY THE PLANS. THE END OF THE LATERAL SHALL BE MARKED WITH A 1" HARDWOOD STAKE INSIDE A 2" PVC POLE.
9. THE LATERAL SHALL BE INSTALLED WITH WARNING TAPE ON TOP OF EMBEDMENT WHICH IS 12" ABOVE TOP OF DRAIN AS REQUIRED IN NOTE 2, BY SPECIFICATION 551.05.
10. FOR PROPOSED STORM SEWER, THE CONTRACTOR SHALL PROVIDE A NEW TEE OR WYE ON THE PROPOSED SEWER FOR THE PROPOSED LATERAL CONNECTION. WHEN INDICATED ON THE PLANS AND APPROVED BY THE ENGINEER, THE CONTRACTOR MAY CORE DRILL THE PROPOSED STORM SEWER AND CONNECT THE PROPOSED STORM LATERAL BY USING A "KOR 'N TEE" CONNECTION.
11. FOR EXISTING STORM SEWER, THE CONTRACTOR SHALL INSTALL A NEW TEE OR WYE ON THE EXISTING SEWER FOR THE PROPOSED LATERAL CONNECTION. WHERE INDICATED BY THE PLANS AND APPROVED BY THE ENGINEER, THE CONTRACTOR MAY CORE DRILL THE EXISTING STORM SEWER AND CONNECT THE PROPOSED STORM LATERAL BY USING A "KOR 'N TEE" CONNECTION.
12. FOR STORM SEWERS CONSTRUCTED IN A NEW DEVELOPMENT, THE SEWER SHALL BE EXTENDED TO THE TOP END OF DEVELOPMENT SO EVERY BUILDABLE LOT CAN ACCESS THE STORM SEWER.

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON BUREAU OF ENGINEERING	CONSTRUCTION STANDARD DWG. No. <b>S-1.2</b>
<i>Dani Alhik</i> 2-12-98 MANAGER, DESIGN DIVISION <i>Pawan K. Khaitan</i> MANAGER, CONSTRUCTION DIVISION <i>Charles Hough</i> CITY ENGINEER	<b>STORM OR SUMP PUMP LATERAL</b>
<small>AUTOCAD DRAWING - STD_S-1A.DWG</small>	
<small>February 11, 1998</small>	
<small>REVISIONS:</small>	