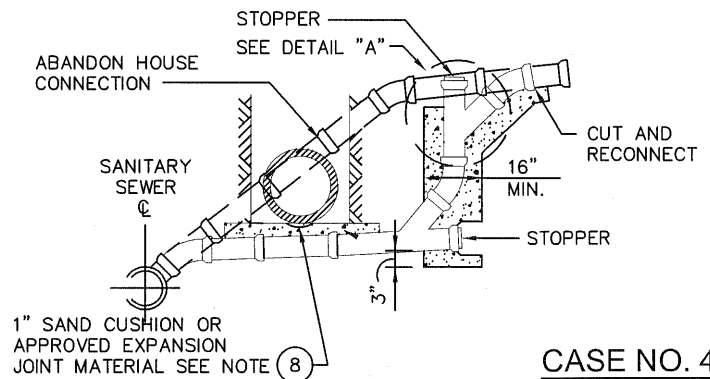
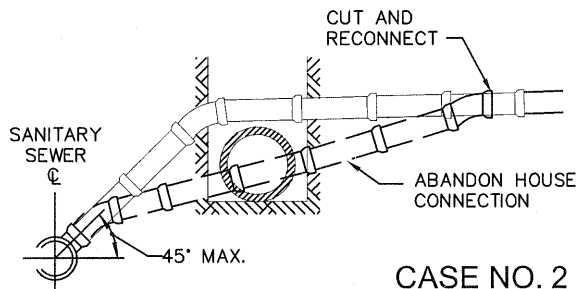


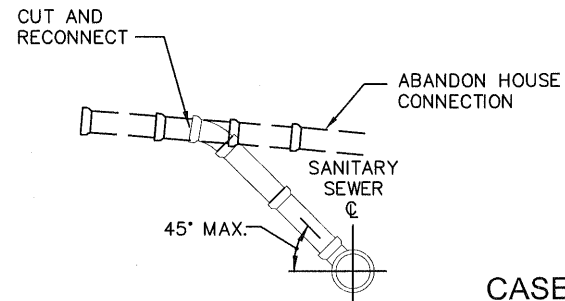
CASE NO. 1



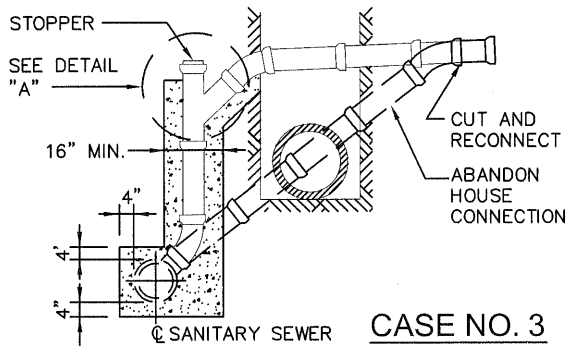
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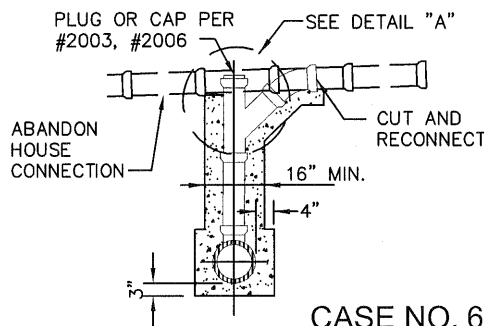
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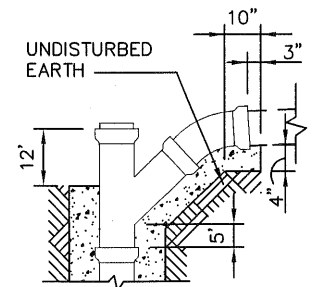
CASE NO. 5



CASE NO. 3



CASE NO. 6



DETAIL "A"

## NOTES

- ① ALL HOUSE CONNECTIONS SHALL BE VITRIFIED CLAY PIPE, 4" IN DIAMETER OR AS OTHERWISE NOTED ON THE PLANS.
- ② THE MINIMUM SLOPE FOR 4" HOUSE CONNECTIONS SHALL BE 1/4" PER FOOT.
- ③ A 4" SADDLE SHALL BE USED WHERE NECESSARY AND SHALL BE CONNECTED TO THE PIPE CONSTITUTING THE EXISTING "Y" OR "T", OR THE NEXT LOWER PIPE.
- ④ "Y"s MAY BE LAID "FLAT" UPON APPROVAL BY THE CITY ENGINEER.
- ⑤ CONCRETE FOR CHIMNEYS SHALL BE CLASS 560-C-3250 PER SECTION 201 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- ⑥ WHEN SANITARY SEWER HOUSE CONNECTIONS ARE SUPPORTED ON CONCRETE SUPPORTS, THEN SUCH HOUSE CONNECTIONS SHALL BE ENCASED PER DETAIL SHOWN ON STD. DWG. NO. 2102 AND THE CONCRETE SUPPORTS FOR THE HOUSE CONNECTIONS SHALL BE LENGTHENED AND WIDENED TO SUPPORT SUCH ENCASEMENT.
- ⑦ CHIMNEYS SHOWN ARE PICTORIAL ONLY AND THE ACTUAL CHIMNEY CONSTRUCTED AT ANY LOCATION SHALL MEET THE APPROVAL OF THE CITY ENGINEER.
- ⑧ CONDUITS TO BE INSTALLED OVER OR WITHIN ONE INCH OF ANY CONCRETE ENCASEMENT OR STRUCTURE, WHETHER EXISTING OR TO BE PLACED IN CONFORMITY WITH THE REQUIREMENTS HEREIN, SHALL BE INSTALLED ON A ONE-INCH SAND CUSHION OR APPROVED EXPANSION JOINT MATERIAL. CONCRETE ENCASEMENT INSTALLED PURSUANT TO THESE STANDARD PLANS SHALL BE SEPARATED FROM EXISTING CONDUIT WITH ONE-INCH THICK EXPANSION JOINT MATERIAL.
- ⑨ THOSE PORTIONS OF AN ABANDONED PIPE LOCATED BENEATH OR WITHIN 6 INCHES OF A RELOCATED HOUSE CONNECTION SEWER SHALL BE REMOVED. THE EXCAVATION SHALL BE REFILLED TO THE GRADE OF THE NEW PIPE INVERT WITH CONCRETE. WHERE CAPS ARE USED, THEY SHALL BE SEALED BY FILLING THE SPACE ABOVE THE CAP WITH SAND AND A 1/2-INCH-THICK COATING OF TYPE "F" MORTAR.



APPROVED BY:				
<i>John P. Sullivan</i>				
24079 08/15/06				
JOHN P. SULLIVAN CITY ENGINEER RCE DATE				
RECOMMENDED:				
<i>Scott Burton</i>				
57875 08/14/06				
ASST. UTIL. DIRECTOR/ENG. RCE DATE				
REV	DESCRIPTION	BY	APP'D	DATE

CITY OF ONTARIO

REMODELING OF  
MAIN LINE AND HOUSE  
CONNECTION SEWER

STANDARD  
DRAWING  
NUMBER

2101