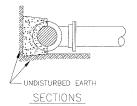


NOTES:

1. PROVIDE PRECAST OR CAST-IN-PLACE CONCRETE THRUST BLOCKS OF ADEQUATE SIZE AND THRUST BEARING SURFACE TO PREVENT MOVEMENT OF PIPELINE

2. PLACE THE BASE AND THRUST BEARING SIDES OF THRUST BLOCK DIRECTLY AGAINST UNDISTURBED EARTH.

3. PLACE THRUST BLOCKING SO THE FITTING JOINTS WILL BE ACCESSIBLE FOR REPAIR.



WATERMAIN THRUST BLOCKING DETAILS

VILLAGE OF ITASCA, ILLINOIS

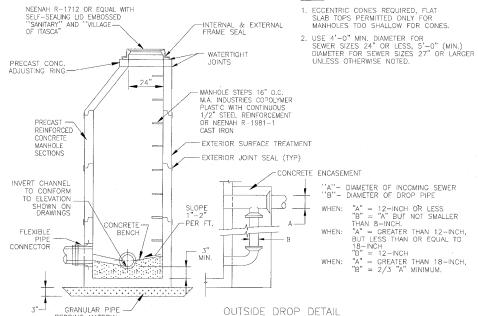
NOTE:

REVISED -8-27-10 VILLAGE REVIEW

REVISED -11-2-10 I.D.O.T. REVIEW

REVISED

REVISED



SANITARY MANHOLE DETAIL NO SCALE

NOTE; USE OUTSIDE DROP WHEN ANY ENTERING SEWER INVERT DIFFERS BY 2'-O" OR MORE FROM INVERT OF MANHOLE.

Illinois Department of Transportation

ILLINOIS ROUTE 53 WATER AND SEWER REPLACEMENT DETAILS SCALE: NONE SHEET NO. # OF # STA. TO STA.

SECTION 2578 DUPAGE 781 363 CONTRACT NO. 60477 FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT

BRANCH FITTING

1/8" PER FOOT MIN. SLOPE -

DRY MIX CONCRETE SANITARY SEWER SERVICE RISER DETAIL FOR SEWER INVERT DEPTHS OVER 12 FEET (NEW CONSTRUCTION)

22 1/2" BEND-

VILLAGE OF ITASCA, ILLINOIS

PLAN

(ONE PIECE OF PIPE)

- CORPORATION STOP

SECTION CORP. CURB STOP STOP

WATER SERVICE INSTALLATION

NO SCALE

VILLAGE OF ITASCA, ILLINOIS

SANITARY SEWER SERVICE DETAIL FOR SEWER INVERT DEPTHS TO 12 FEET

- WATER MAIN

NEW SERVICE PIPE (SIZE TO MATCH EXIST.)

45° TAPS IN UPPER HALF OF MAIN REQUIRED UNLESS OTHERWISE APPROVED BY VILLAGE—

FIN. CRADE 900900900900900)900, | 1900900000

EXISTING SERVICE

1/8" PER FOOT MIN. SLOPE

- HORIZONTAL OFFSET

SMV

LIKB

SMV

DESIGNED

DRAWN

CHECKED

SER NAME = (username)

LOT SCALE = 1:1

LOT CONFIG= PDF22X34.pl