

NOTE:

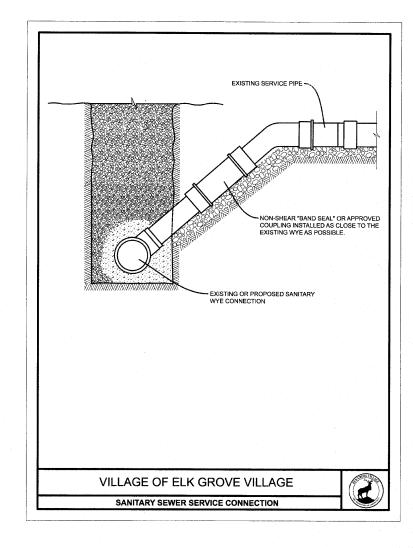
- 1. SANITARY MANHOLES SHALL BE PRECAST STRUCTURES WITH THE DIAMETER DEPENDENT ON THE PIPE SIZE. THE CONCRETE BOTTOM SHALL BE CAST INTEGRAL WITH THE LOWEST BARREL SECTION UNLESS NOTED OTHERWISE ON THE PLAN.
- 2. ALL SANITARY MANHOLES SHALL BE EQUIPPED WITH STEPS.
- 3. ALL MANHOLES SHALL HAVE A MAXIMUM OF TWO (2) ADJUSTING RINGS AND A MAXIMUM ADJUSTMENT OF EIGHT (8) INCHES.
- 4. ALL MANHOLE SECTIONS AND ADJUSTING RINGS SHALL BE SECURELY SEALED TO EACH OTHER AND TO THE FRAME AND COVER USING RESILIENT FLEXIBLE NON-HARENING PREFORMED BITUMINOUS MASTIC (RAM-NEK OR APPROVED EQUAL) OR BUTYL RUBBER JOINT SEALER (EASY STICK OR APPROVED EQUAL).
- 5. THE FOLLOWING TYPE 1 FRAMES AND CLOSED LIDS SHALL BE USED ON ALL SANITARY MANHOLES: NEENADH FOUNDRY #R-1712 WITH TYPE B COVER; EAST JORDAN IRON WORKS #1050 EXHD WITH TYPE A #540 COVER; OR APPROVED EQUAL.

OR APPROVED EQUAL

SANITARY COVERS SHALL HAVE A 1 INCH CONCEALED PICKHOLE AND A RUBBER SELF-SEALING GASKET.

SANITARY MANHOLES SHALL HAVE THE WORD "SANITARY" IMPRINTED ON THE COVER.

- 6. ALL SANITARY SEWER MANHOLES AND SANITARY INSPECTION MANHOLES SHALL HAVE AN EXTERNAL CHIMMEY SEAL INSTALLED BETWEEN THE FRAME AND COME SECTION (SEE DETAIL ABOVE). IF CONDITIONS PROHIBIT INSTALLATION, AN INTERNAL CHIMNEY SEAL WILL BE ALLOWED WITH VILLAGE PERMISSION.
- 7. ALL SANITARY MANHOLES SHALL HAVE FLEXIBLE GASKETED COUPLINGS PRECAST INTO STRUCTURE FOR ALL PIPE CONNECTIONS.
- 8. THIS WORK SHALL BE INCLUDED IN THE COST OF "SANITARY MANHOLES, TYPE A, TYPE 1 FRAME, CLOSED LID" OF THE SIZE SPECIFIED.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DOADWAY DET	DETAILO	AILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.		
ROADWAY DETAILS				DETAILS		334	09-00056-00-CH	соок	111	76
								CONTRACT	NO.	63527
SHEET	NO. 5 OF 5 SHEETS					FED. RC	AD DIST. NO. 1 ILLINOIS FED. A	D PROJECT M-90	03(659)	