

NO SCALE

Sanitary Sewer Bedding

S011.dwg Date: 06-09-97

-1. Manhole Frame & Cover: 35 with 24" diameter Frame. Concrete Grading Rings, Max. 12" where Grade TRAFFIC AREAS: 7" min. hgt. 400# UNPAVED SEE min. wgt., equal to East Jordan AREAS may be lowered in future. 1022-3 or Dewey RCR 247 with (Seal between Casting and 24" Dia. Extra Heavy Duty Cover, machined each Ring with preformed bearing surface & concealed Butyl rubber base flexible Lift Holes. (Set Lid flush with Gasket meeting Fed. finished street surface). Spec. SS-S-210A. NON-TRAFFIC AREAS: 4" or 7" hgt. Minimum size ?", 285# min. wgt., equal to East Jordan Grout interior and 1022-1 with Heavy Duty Cover, exterior Joints with machined bearing surface & concealed non-shrink Grout.) Lift Holes. Set Top 2" above Grade (after Earth settlement). PVC Cap required For S > 12% Factory Tee —— 2. Precast Cone and Riser Sections A.S.T.M. C-478, 4000 P.S.I. Concrete. Joints: 0-Ring Rubber Gasket Joint A.S.T.M. C-443 OR ASTM C-76 4'-0" Dia. with preformed Joint Filler Strip. Grout Interior Joints with non-shrink Grout. -4. Drop Manhole construction required on all drops greater than 24", encased in concrete. -5. Precast Base Section with Dura-Seal DS-III type Gaskets for 8" and 10" Pipe and PSX type Gaskets for other sizes. Gaskets made to A.S.T.M. C-923 for Resilient Connectors. Gaskets are to provide 4" Min. 8 degree deflection in any direction on pipe sizes 8" through 12" diameter. Pipe inverts formed during manufacturing. 6" Precast 7 Reinforcement to meet A.S.T.M. C-478. 12" Poured OR: Poured concrete Base Section, 1/2" D 3500 P.S.I. concrete, with smooth Invert Channels accurately shaped to a min. depth equal to 1/2 of the inside dia. of the Sewer Pipe. Manhole Shelf to slope towards Channel at 1:12, 4'-10" minimum Base overhang 6". Pipe to be ∠Position of incoming Sewer cast into poured Base using a Rubber Pipe stub-Gasket Water Stop. where no drop is required. (Bases on 6" min. #5 Crushed Stone Bedding.)

Sanitary Manhole

S001.dwg Date: 09-22-97

Scale: 1/2"=1'-0"

- Sidewalk Cap with marker to surface Req'd. - Alternative backfill. Earth compacted to 90% standard density under or Compacted within 2 feet of sidewalk Sand backfill Reg'd. under and within 5' of a roadway or under C OF STREET Factory wye 6' MIN. R/W Sewer Lateral Detail - Under Pavement NO SCALE

Cast iron cleanout cover & concrete collar.

The Cover and Conc. collar must move freely up and down on the PVC pipe during freeze and thaw periods.

Threaded PVC cleanout plug and PVC cemented adapter.

Paved Areas

PVC pipe

Same size pipe

45° wye street

Plug

Truss pipe / PVC pipe

Cleanout

FOR APPROVAL DATE BY

MAR 0 5 1998

General Notes:

 Contractor shall comply with all local, state and federal codes, ordinances, rules, regulations, orders and other legal requirements of municipal authorities which bear on the performance of the work.

Scale: 1/2"=1'-0"

- 2. The contractor is cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of various utility companies, and where possible measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor must contact the appropriate utility company at least 48 hours before any excavation to request exact field location of utilities.

 Indiana Underground Utility Locate Service
 Phone: 1-800-382-5544
- Material specifications shall be in conformance with applicable portions of the INDOT standard specifications, (latest edition) unless specifically stated otherwise on these plans, contract documents or local code.
 MOO3.DWG Date: 10-31-96

Sheet Title:

Sanitary Sewer Deta

No. 19500175

STATE OF

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o S.E. sville, (812)

Scale: As Shown

Designed By: Job Number: 97-3724-1

Drawn By: Date: 2/18/98

Checked By: Filename: 3724DTLS.DWG

Sheet Number:

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