

General Notes:

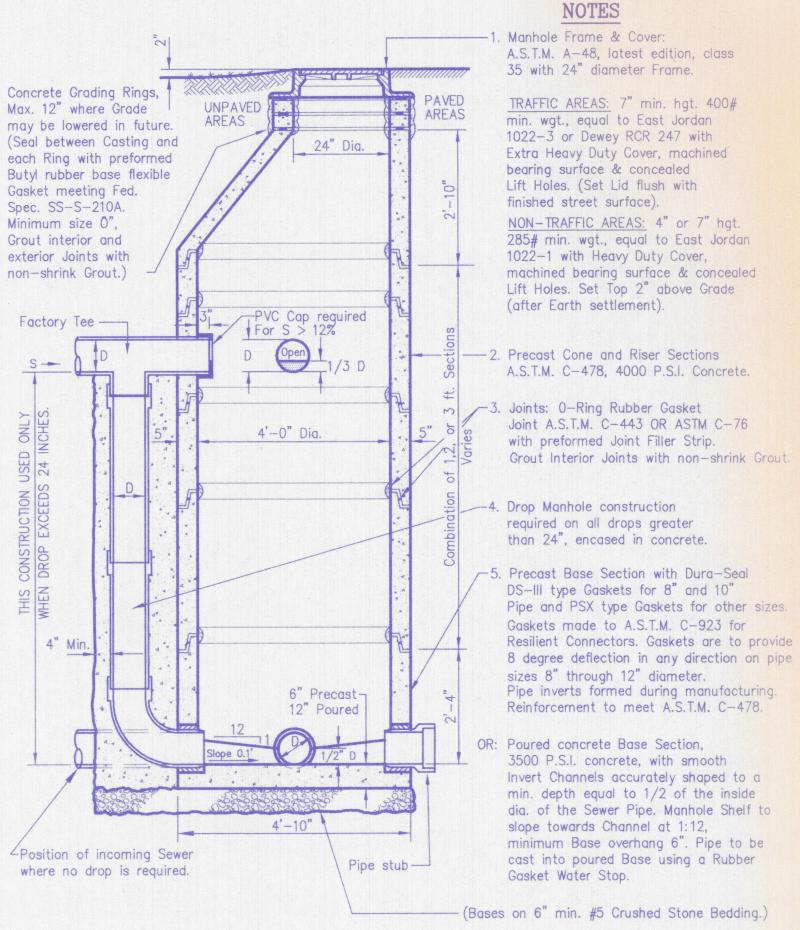
1. Contractor shall comply with all local, state and federal codes. ordinances, rules, regulations, orders and other legal requirements of municipal authorities which bear on the performance of the work.

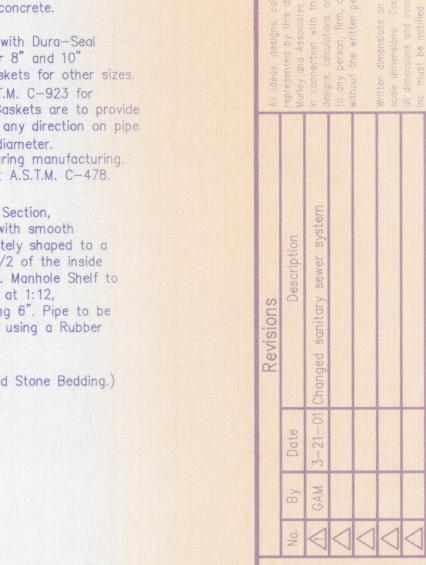
- 2. The contractor is cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of various utility companies, and where possible measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor must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

 Indiana Underground Utility Locate Service
- 3. 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.
- 4. Any lateral pipes with less than 3-foot of cover above the top of pipe shall be Ductile Iron Pipe Class 52 within the public utility easements and right-of-ways. Ductile Iron Pipe Cement Lined Class 52 shall conform with ANSI Specification A21-51-1976 and AWWA Specification C151-76, latest revisions. All Ductile Iron Pipe shall be bituminous coated outside in accordance with AWWA Specification C-151-76.
- 5. Any sanitary sewer trunk lines installed within nonvirgin fill material shall be backfilled with engineered fill.

 Refer to Roadway Details Sheet for compaction requirements.

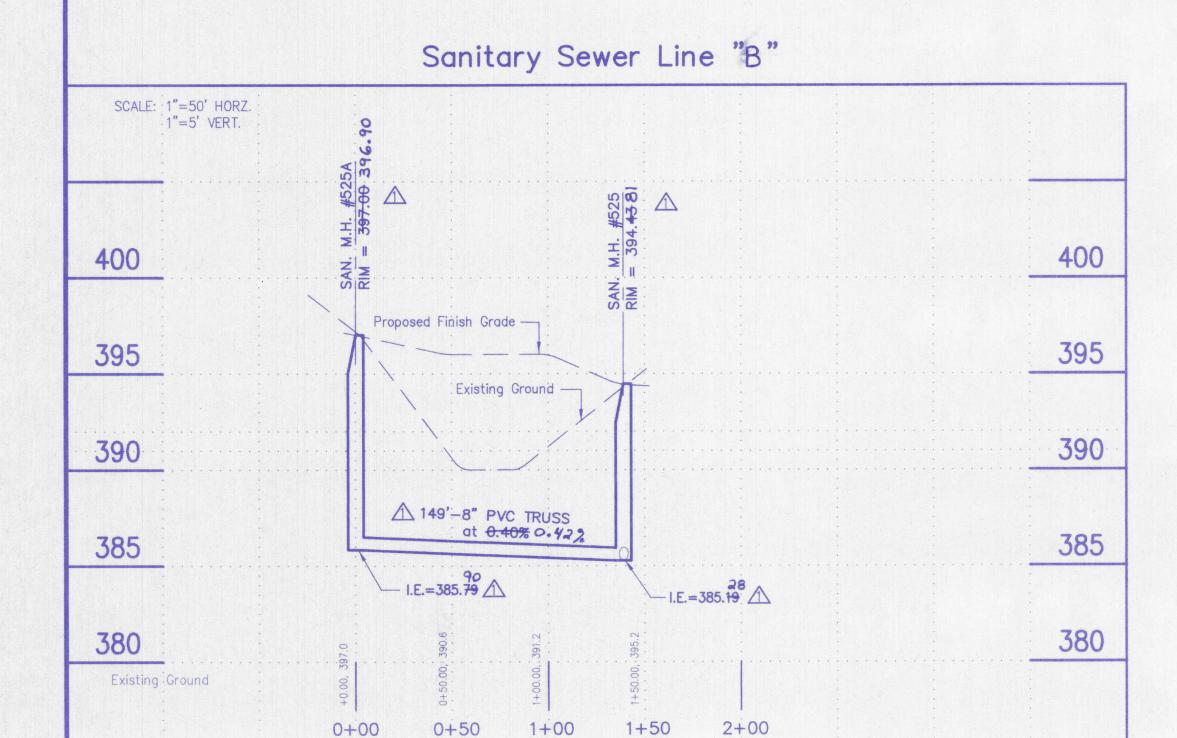
Phone: 1-(800)-382-5544

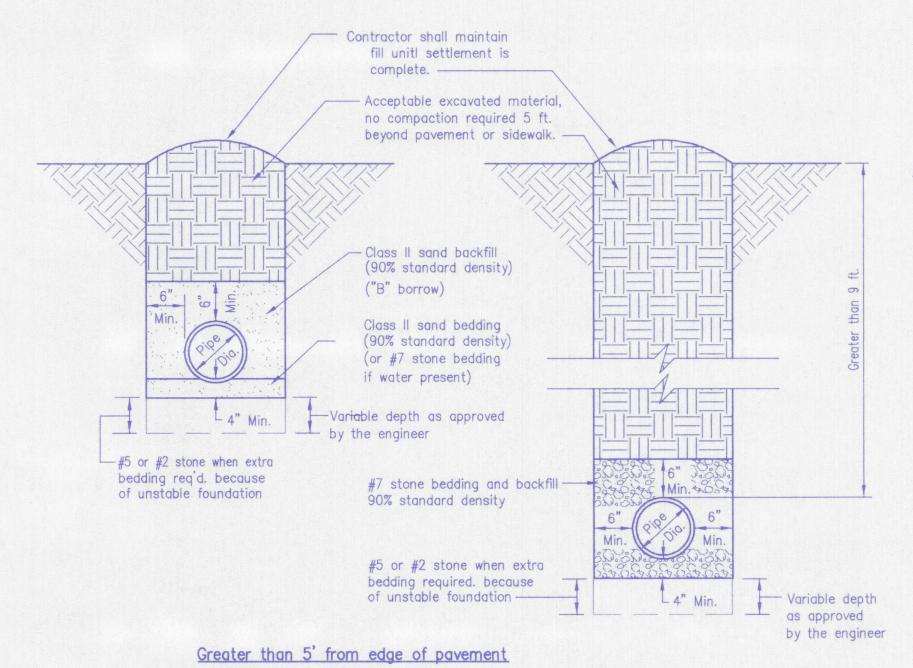




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S011.dwg Date: 06-09-97

bedding req'd. because of unstable foundation—

Variable depth as approved by the engineer

Beneath or within 5' of edge of pavement

Sanitary Sewer Bedding

NO SCALE

Note: For trench within 5' but not under roadway pavement, compacted backfill up to within 6" of final lawn grade, top 6" to final lawn grade shall be topsoil to ensure grass growth. — — Saw cut existing pavement 1 ft. beyond trench. 12" #53 stone -(95% standard density) Class II sand backfill -(95% standard density) Class II sand backfill (90% standard density) ("B" borrow) - Class II sand bedding (90% standard density) (or #7 stone bedding if water present) -Variable depth as approved 4" Min. #7 stone bedding and backfill-- #5 or #2 stone when extra 90% standard density bedding req'd. because of unstable foundation #5 or #2 stone when extra bedding req'd. because of unstable foundation — -4" Min. - Variable depth as approved by the engineer

Sanitary Manhole

RECORD DRAMING

Keystone Section VIII

Keystone Development, LLC.

Sheet Title:

Sanitary Sewer Details

Scale: AS SHOWN