

**Address: 5056 Massillon Road
North Canton, Ohio 4720**

Name: Donald Muckley

- Bidders (including subcontractors) must have a current registration, bond and insurance on file with the appropriate jurisdictions building department and Summit County Health District. Bidders must carry a minimum of \$2,000,000.00 of General Commercial Liability Insurance and \$1,000,000.00 of Commercial Auto Liability. The winning bidder MUST ALSO list the County of Summit as an additional insured on policy.
- The contractor is required to all work in accordance with all applicable Local Building Codes and Regulations, including OSHA, City, County, State, EPA Codes.
- A copy of each permit and signed off inspection sheet will be required to complete the paperwork for this project prior to Final Payment. When applying for permits, a complete copy of these specifications will be required to be submitted to the Local Jurisdiction for EACH permit.
- All work is to be done in a quality and workmanlike manner. All work to include any components or items required for a complete and functional system. Incidental items are not mentioned specifically in the specifications that can be reasonably and legitimately be inferred to belong to the work describe or be necessary, in good practice to provide a complete system shall be furnished and installed as through called out in detail.
- Permits are required and deemed necessary by the Summit County Department of Health, Summit County Building Standards and Summit County Department of Environmental Services.
- Bids shall be based upon the information provided on the attached site plan.
- A specification sheet for the proposed system is to be returned with the bid.
- It is the Contractors responsibility to provide the Homeowner with all warranties. Warranties are to be properly filled out and ready for owners signature if needed. Warranties must be provided prior to final payment being issued.
- It is the contractor's responsibility to inspect the interior of the unit to ensure all plumbing is connected in accordance with the Summit County Environmental Health Code and be in compliance with any applicable electric code.
- The winning bidder will enter into a contract with the County of Summit to replace the failing septic system. Any payment to the winning bidder will be made by the County of Summit.

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Permits:

Contractors shall include any permits not currently obtained by the homeowner in their bid.

Prevailing Wage:

This job is subject to State Prevailing Wage. The prevailing wage rate for such wages shall be determined in accordance with Ohio Revised Code Chapter 4115, except for any employees who are covered by a collective bargaining agreement in existence prior to the date of this contract, who shall be paid the rate of pay provided for under such an agreement. The contractor agrees to provide the County with full and complete documentation of payment records.

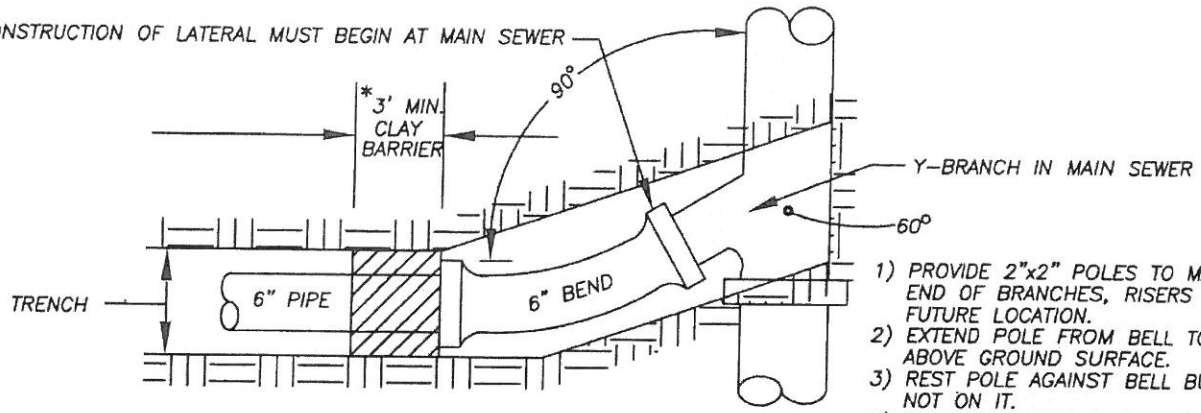
Minimum Specifications:

Install six (6) PVC SDR-35 pipe installed at a minimum of one (1%) slope. Bedding and Cover for the pipe is No. 57 crushed limestone or No. 57 crushed gravel, typically installed at six (6) – twelve (12) inches for both.

Excavator/contractor must be registered with Summit County Department of Environmental Services. Any excavator/contractor not registered with summit County Department of Environmental Services can contact Jason Halloran, Permits Department at 330-926-2431. The homeowner(s) must fill out an application to connect, pay all appropriate fees, and have work inspected by the Summit County Department of Environmental Services.

Pump crush and fill existing system per Summit County Environmental Health Code.

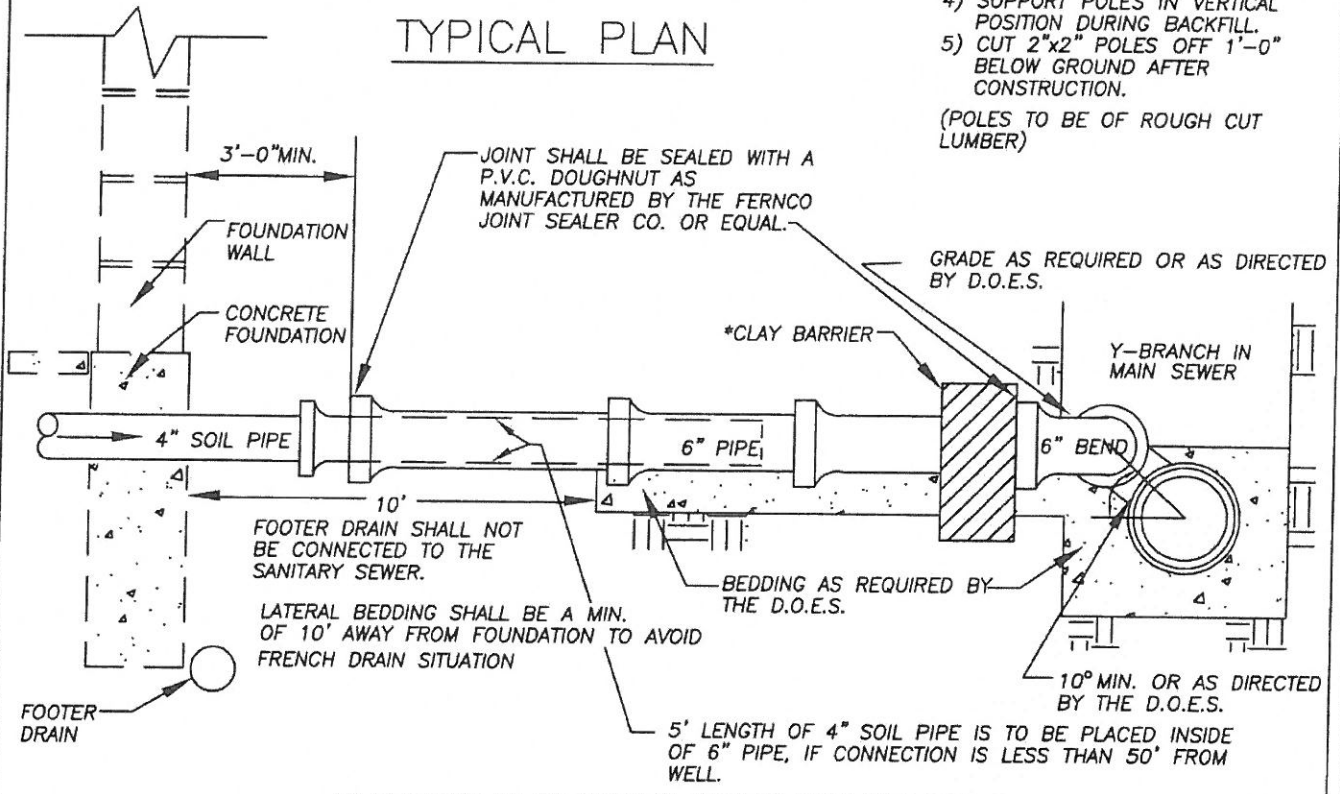
CONSTRUCTION OF LATERAL MUST BEGIN AT MAIN SEWER



- 1) PROVIDE 2"x2" POLES TO MARK END OF BRANCHES, RISERS FOR FUTURE LOCATION.
- 2) EXTEND POLE FROM BELL TO 12" ABOVE GROUND SURFACE.
- 3) REST POLE AGAINST BELL BUT NOT ON IT.
- 4) SUPPORT POLES IN VERTICAL POSITION DURING BACKFILL.
- 5) CUT 2"x2" POLES OFF 1'-0" BELOW GROUND AFTER CONSTRUCTION.

(POLES TO BE OF ROUGH CUT LUMBER)

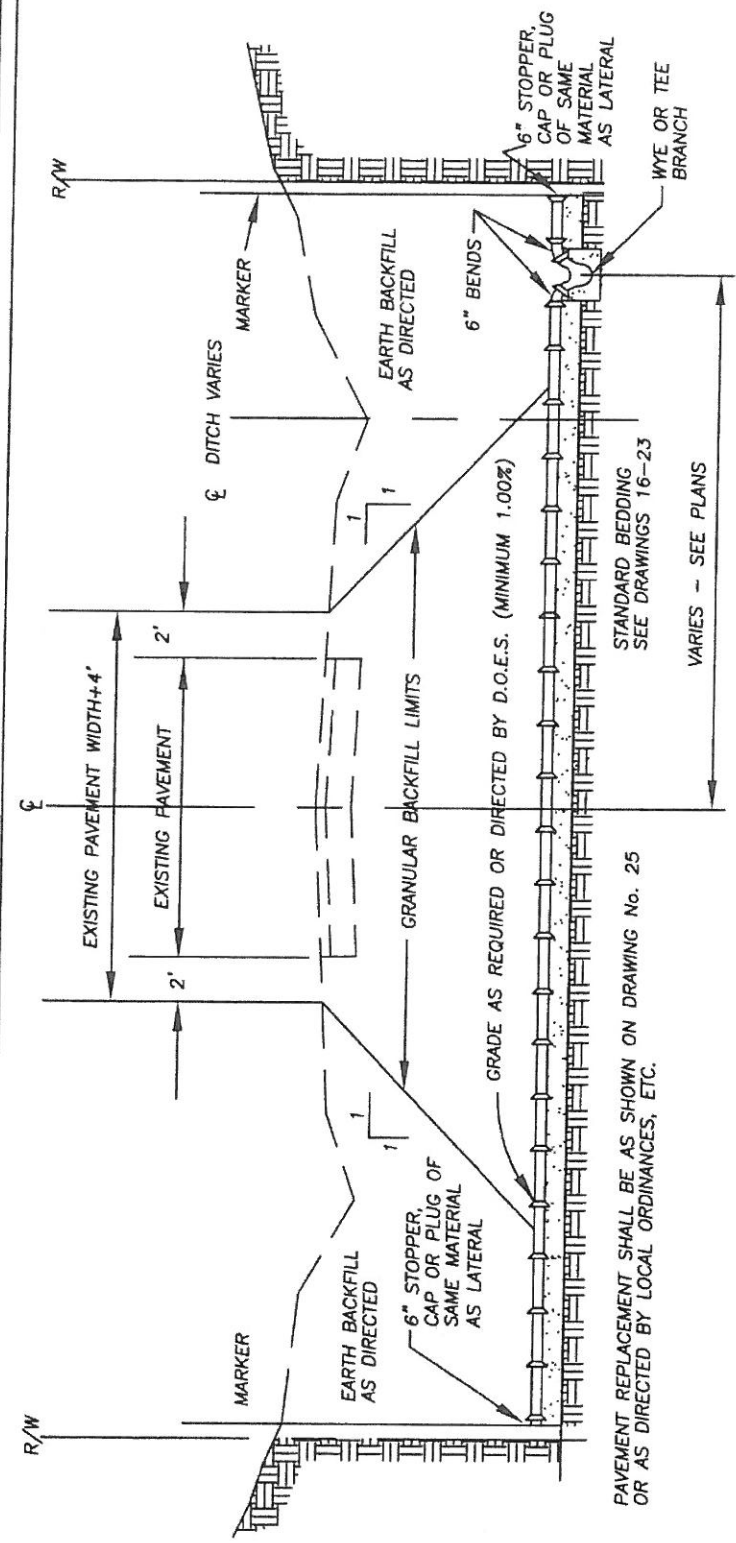
TYPICAL PLAN



*CLAY BARRIER TO BE INSTALLED WHEN DIRECTED BY D.O.E.S.

TYPICAL SECTION OF LATERAL TRENCH

STANDARD DETAIL DWG. NO. 27
DEPARTMENT OF ENVIRONMENTAL SERVICES
SANITARY SEWER LATERAL CONNECTION WITHIN 50' OF WELL
APPROVED BY
ENGINEERING DESIGN ADMINISTRATOR
DATE _____



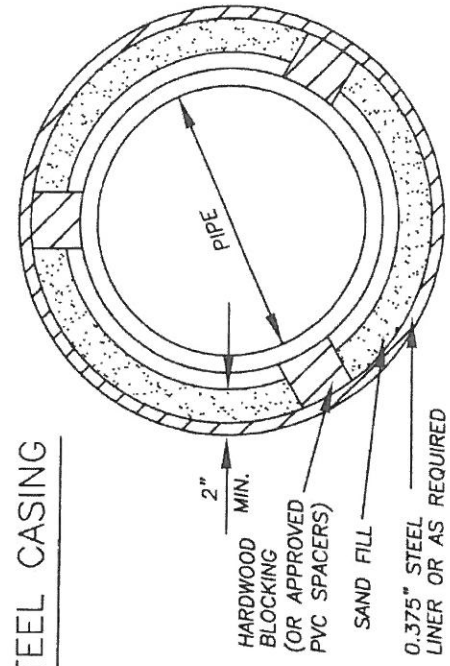
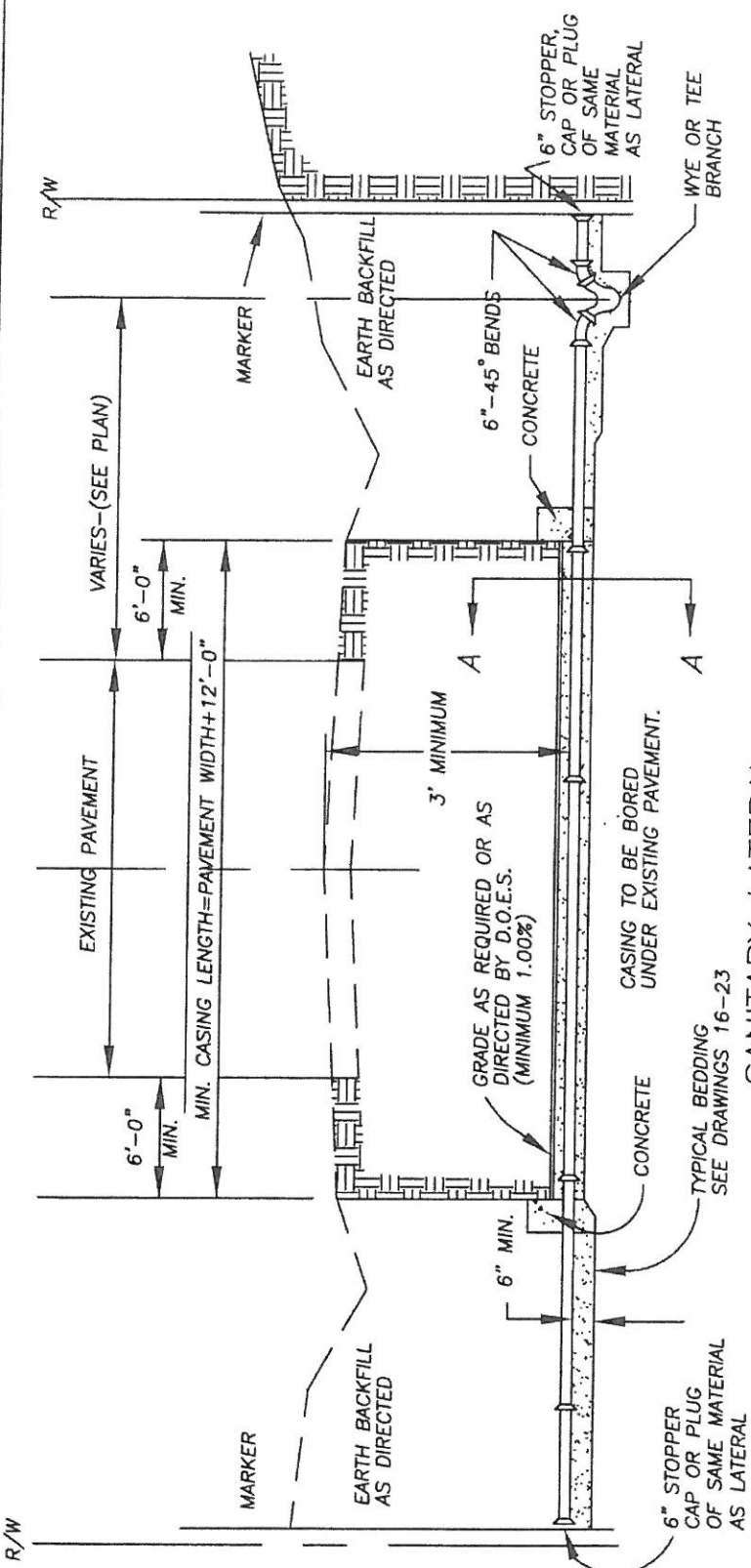
DETAIL OF SANITARY LATERAL OPEN CUT THROUGH EXISTING PAVEMENTS

- MARKERS**
- 1) PROVIDE 2"x2" POLES TO MARK END OF BRANCHES, RISERS AND SERVICE CONNECTIONS FOR FUTURE LOCATION.
 - 2) EXTEND POLE TO 12" ABOVE GROUND.
 - 3) REST POLE AGAINST BELL BUT NOT ON IT.
 - 4) SUPPORT POLES IN A VERTICAL POSITION DURING BACKFILL.
 - 5) CUT 2"x2" POLES OFF 1'-0" BELOW GROUND AFTER CONSTRUCTION. (POLES TO BE OF ROUGH CUT LUMBER.)

GRANULAR BACKFILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 12" IN DEPTH AND COMPACTED BY MECHANICAL DEVICES TO A DENSITY OF NOT LESS THAN 100% STANDARD PROCTOR DENSITY.

PAVEMENT REPLACEMENT SHALL BE AS SHOWN ON DRAWING No. 25 OR AS DIRECTED BY LOCAL ORDINANCES, ETC.

STANDARD DETAIL DWG. NO. 31	
DEPARTMENT OF ENVIRONMENTAL SERVICES	
SANITARY LATERAL OPEN CUT THROUGH EXISTING PAVEMENT	
APPROVED BY _____	
ENGINEERING DESIGN ADMINISTRATOR	
DATE _____	31



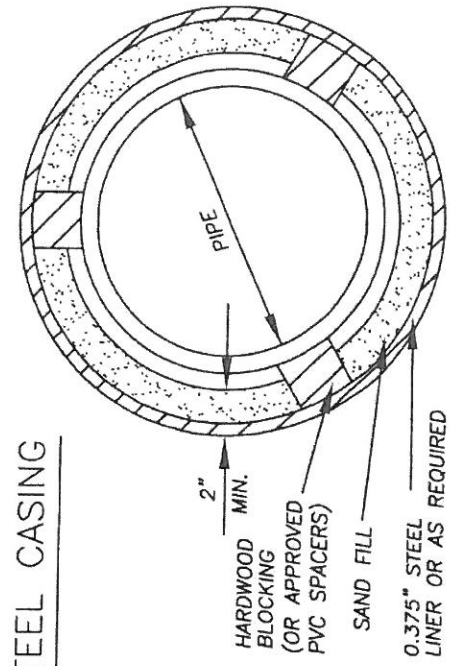
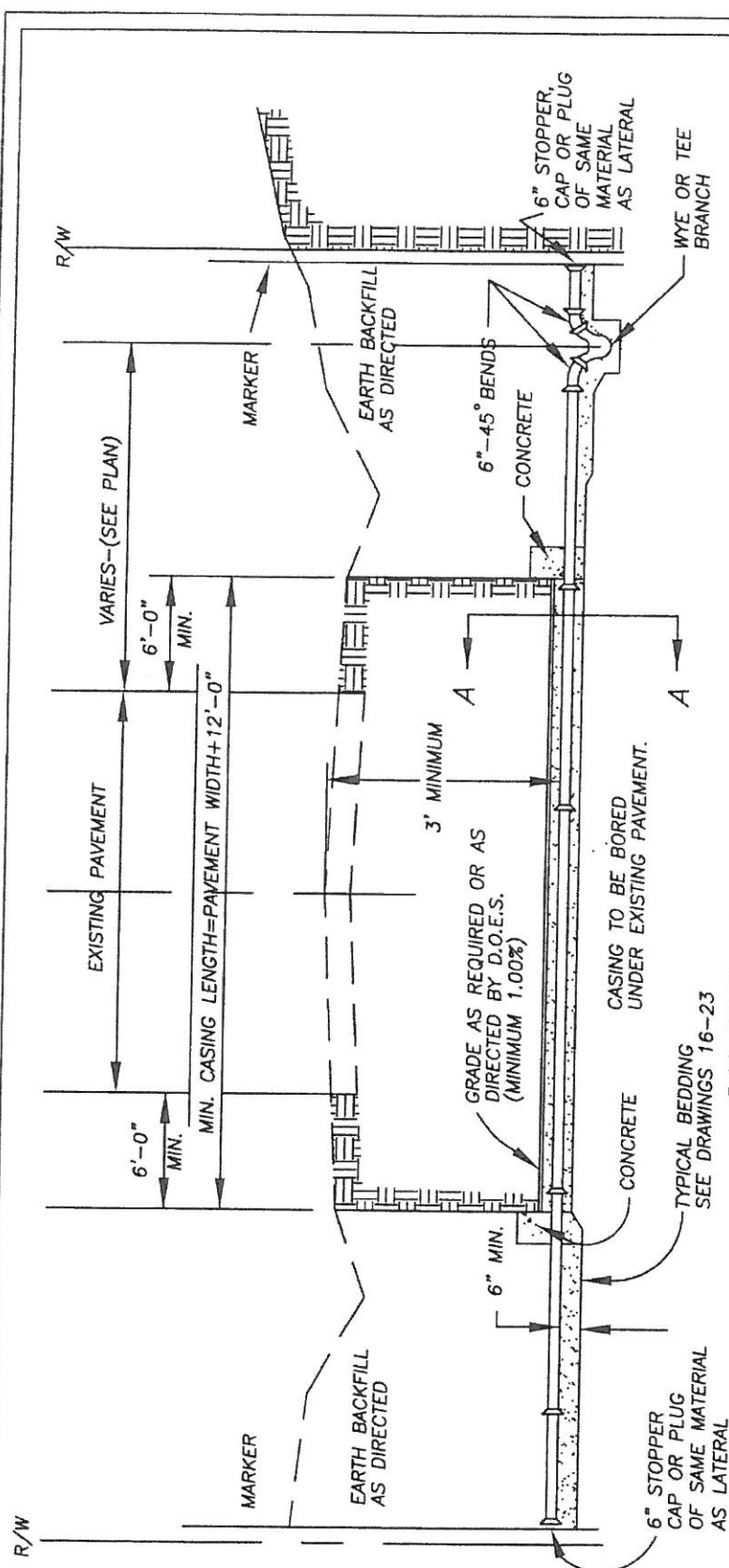
SECTION A-A

SANITARY LATERAL-

BORED ROAD CROSSING WITH STEEL CASING

- 1) FLUSH VOID BETWEEN CASING AND PIPE WITH SAND OR OTHER APPROVED MATERIAL.
- 2) SEE SHEET THREE FOR ACCEPTABLE PIPE AND MATERIALS TO BE USED.
- 3) ALTERNATE METHODS MAY BE USED, IF FIRST APPROVED BY D.O.E.S.
- 4) CONCRETE SHALL BE PLACED AT BOTH ENDS OF STEEL CASING TO KEEP GRANULAR MATERIAL FIRMLY IN PLACE.

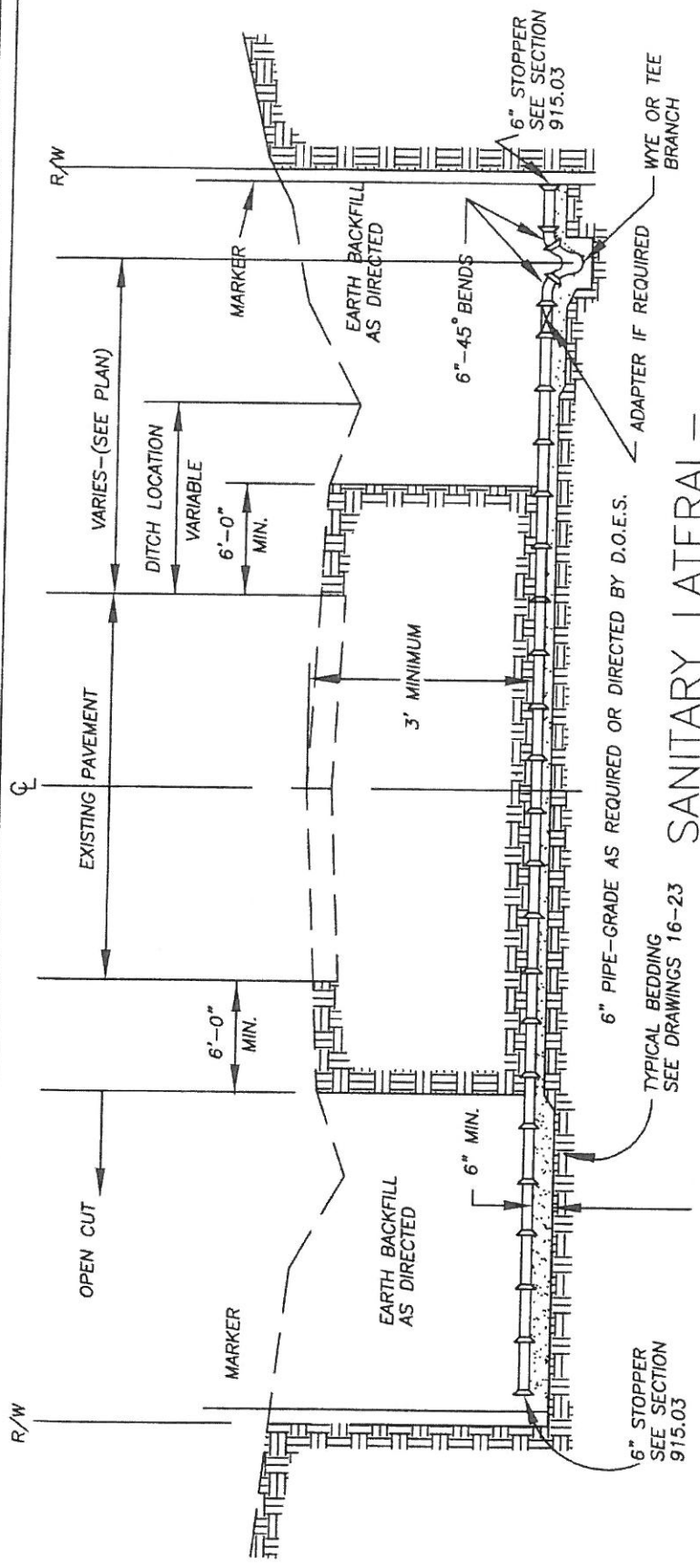
STANDARD DETAIL DWG. NO. 33
DEPARTMENT OF ENVIRONMENTAL SERVICES
SANITARY LATERAL-BORED ROAD CROSSING WITH STEEL CASING
APPROVED BY _____
ENGINEERING DESIGN ADMINISTRATOR
DATE _____



SANITARY LATERAL -
BORED ROAD CROSSING WITH STEEL CASING

- 1) FLUSH VOID BETWEEN CASING AND PIPE WITH SAND OR OTHER APPROVED MATERIAL.
- 2) SEE SHEET THREE FOR ACCEPTABLE PIPE AND MATERIALS TO BE USED.
- 3) ALTERNATE METHODS MAY BE USED, IF FIRST APPROVED BY D.O.E.S.
- 4) CONCRETE SHALL BE PLACED AT BOTH ENDS OF STEEL CASING TO KEEP GRANULAR MATERIAL FIRMLY IN PLACE.

STANDARD DETAIL DWG. NO. 33
DEPARTMENT OF ENVIRONMENTAL SERVICES
SANITARY LATERAL-BORED ROAD CROSSING WITH STEEL CASING
APPROVED BY _____
ENGINEERING DESIGN ADMINISTRATOR
DATE _____



SANITARY LATERAL—
BORED ROAD CROSSING WITHOUT CASING

NOTE
SEE STANDARD DWG. No 26
FOR TUNNEL DETAIL.

- MARKERS
1. PROVIDE 2"x2" POLES TO MARK END OF BRANCHES, RISERS AND SERVICE CONNECTIONS FOR FUTURE LOCATION.
 2. EXTEND POLE TO 12" ABOVE GROUND SURFACE.
 3. REST POLE AGAINST BELL BUT NOT ON IT.
 4. SUPPORT POLES IN A VERTICAL POSITION DURING BACKFILL.
 5. CUT 2"x2" POLES OFF 1'-0" BELOW GROUND AFTER CONSTRUCTION. (POLES TO BE OF ROUGH CUT LUMBER.)

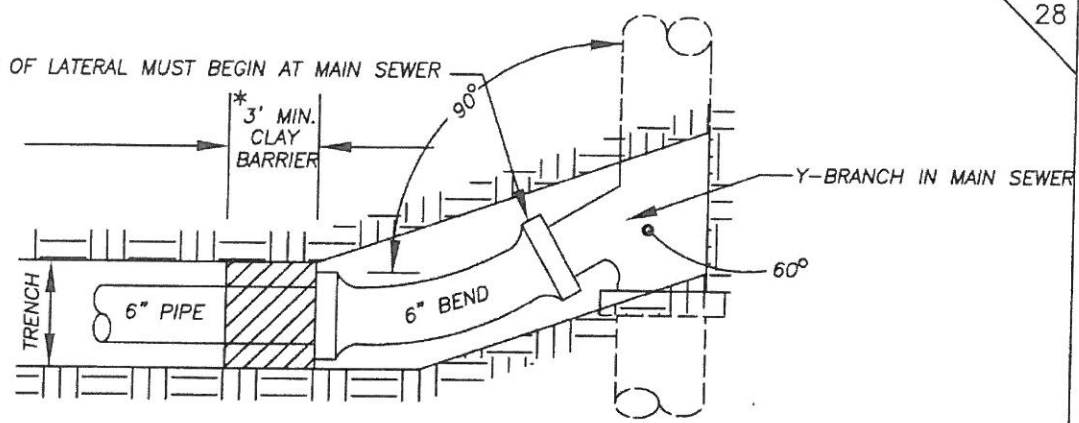
DIAMETER OF BORE SHALL NOT BE MORE THAN TWO INCHES GREATER THAN THE PIPE BELL DIAMETER.

PAVEMENT SHALL BE REPLACED AS DIRECTED BY LOCAL ORDINANCES, ETC. IF APPLICABLE.

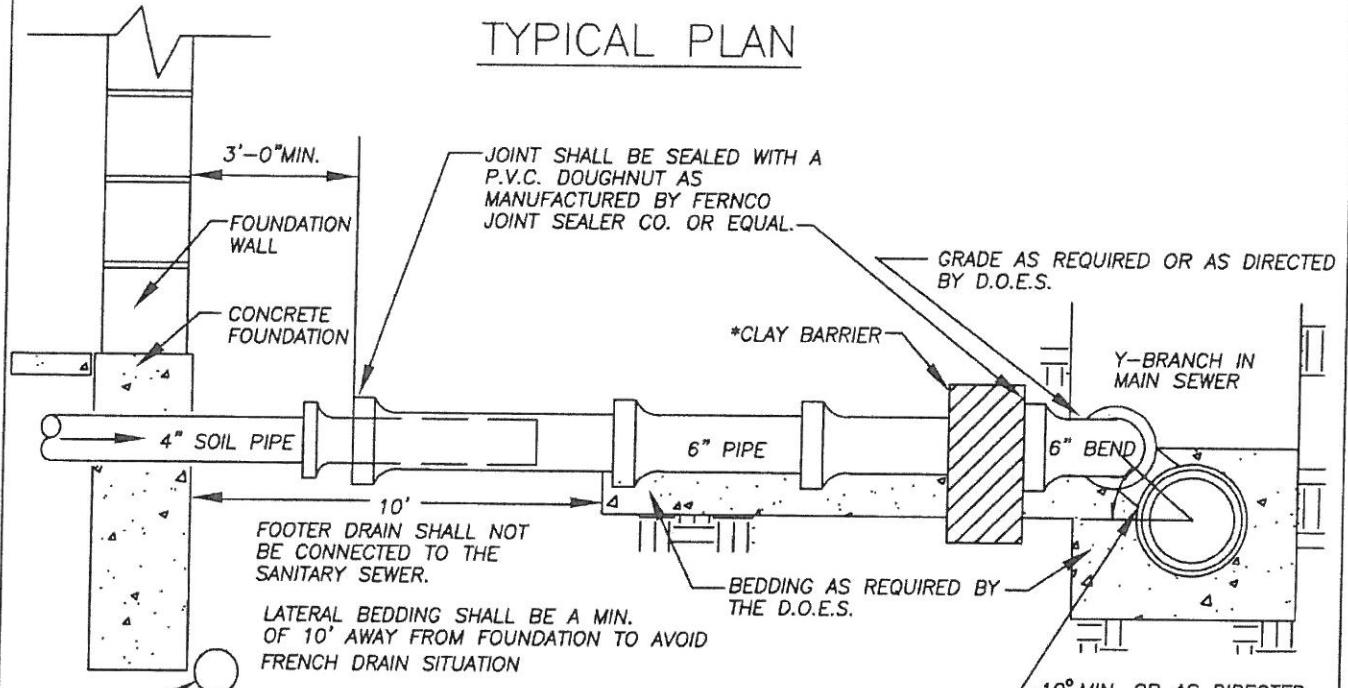
SEE GENERAL NOTES FOR ACCEPTABLE PIPE MATERIALS.

STANDARD DETAIL DWG. NO. 32	
DEPARTMENT OF ENVIRONMENTAL SERVICES	
SANITARY LATERAL—BORED ROAD CROSSING WITHOUT CASING	
APPROVED BY	
ENGINEERING DESIGN ADMINISTRATOR	
DATE _____	32

CONSTRUCTION OF LATERAL MUST BEGIN AT MAIN SEWER



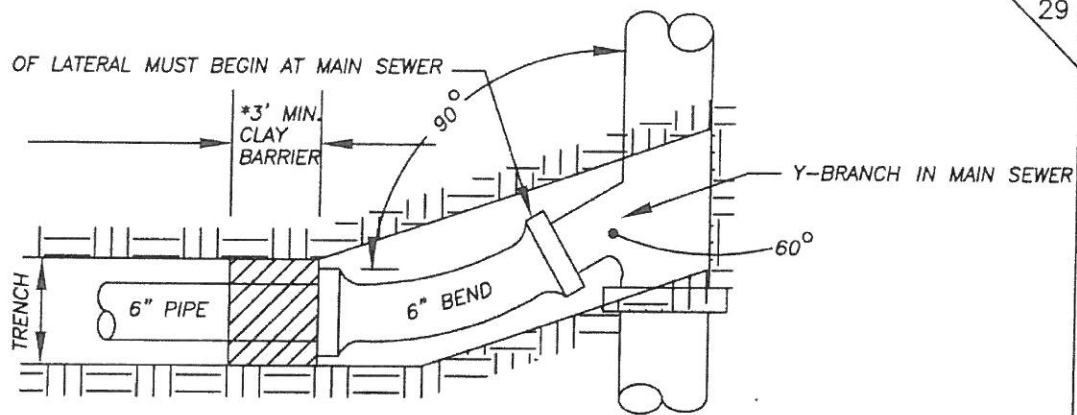
TYPICAL PLAN



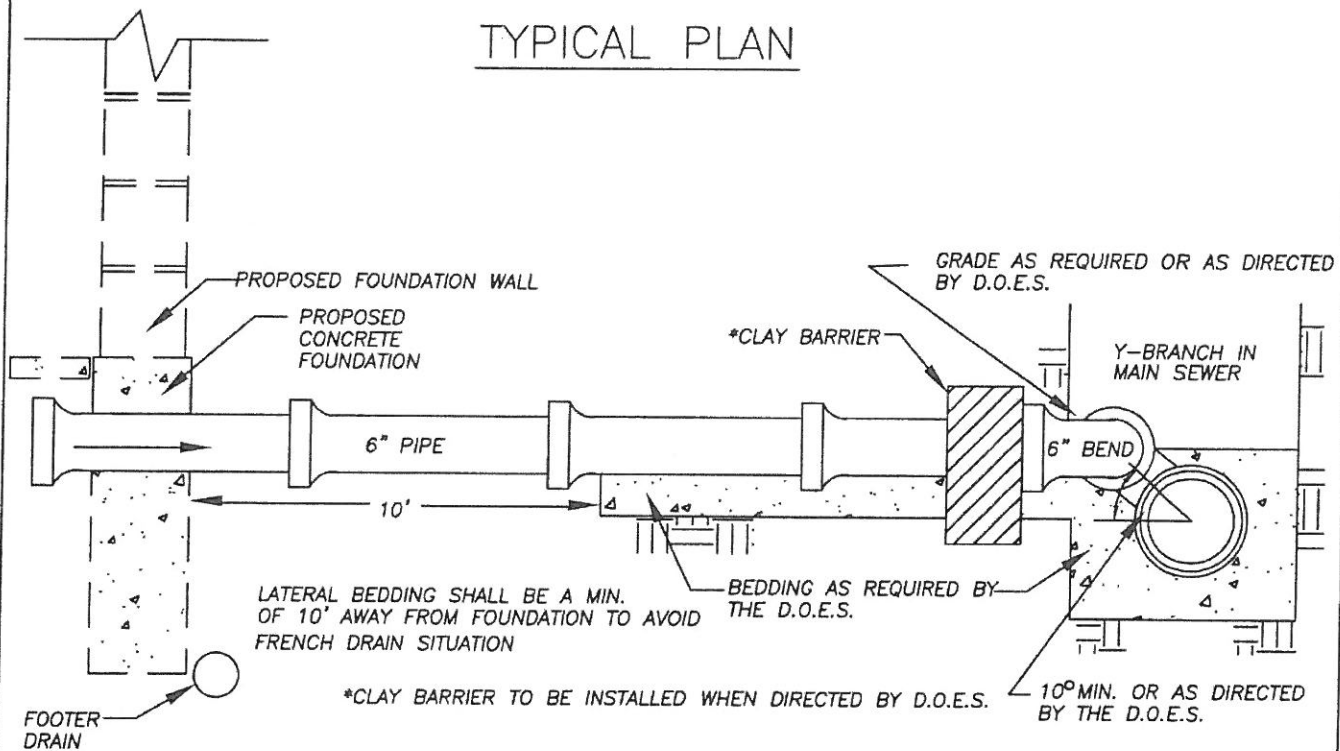
TYPICAL SECTION OF LATERAL TRENCH

STANDARD DETAIL DWG. NO. 28
DEPARTMENT OF ENVIRONMENTAL SERVICES
SANITARY SEWERS LATERAL CONNECTION EXISTING STRUCTURE
APPROVED BY _____
ENGINEERING DESIGN ADMINISTRATOR
DATE _____

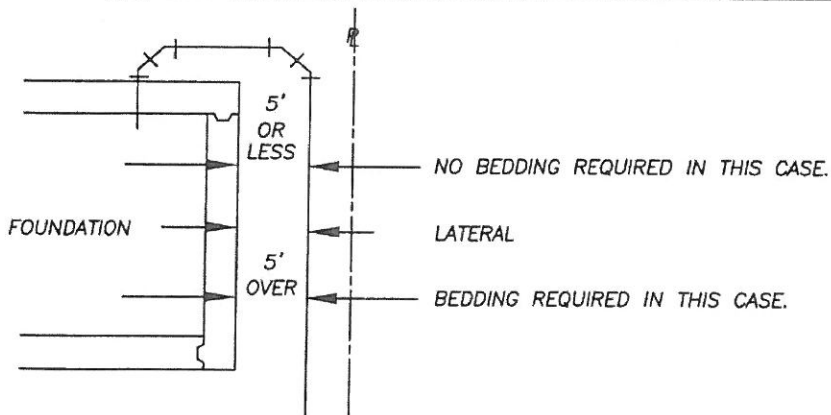
CONSTRUCTION OF LATERAL MUST BEGIN AT MAIN SEWER



TYPICAL PLAN



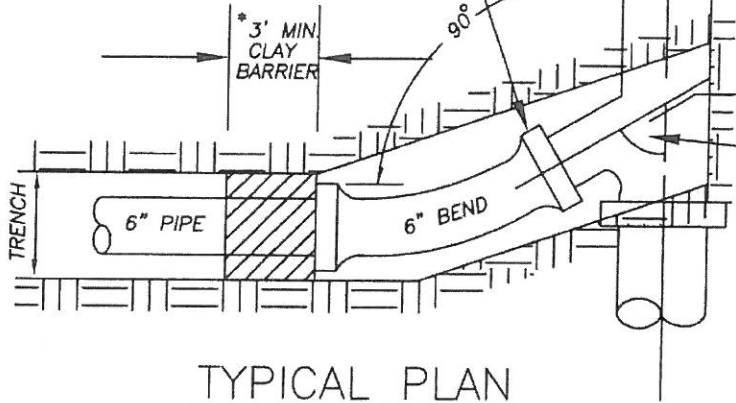
TYPICAL SECTION OF LATERAL TRENCH



PLAN VIEW OF LATERAL PARALLEL TO FOUNDATION

STANDARD DETAIL DWG. NO. 29
DEPARTMENT OF ENVIRONMENTAL SERVICES
SANITARY SEWERS LATERAL CONNECTION NEW STRUCTURE
APPROVED BY _____
ENGINEERING DESIGN ADMINISTRATOR
DATE _____

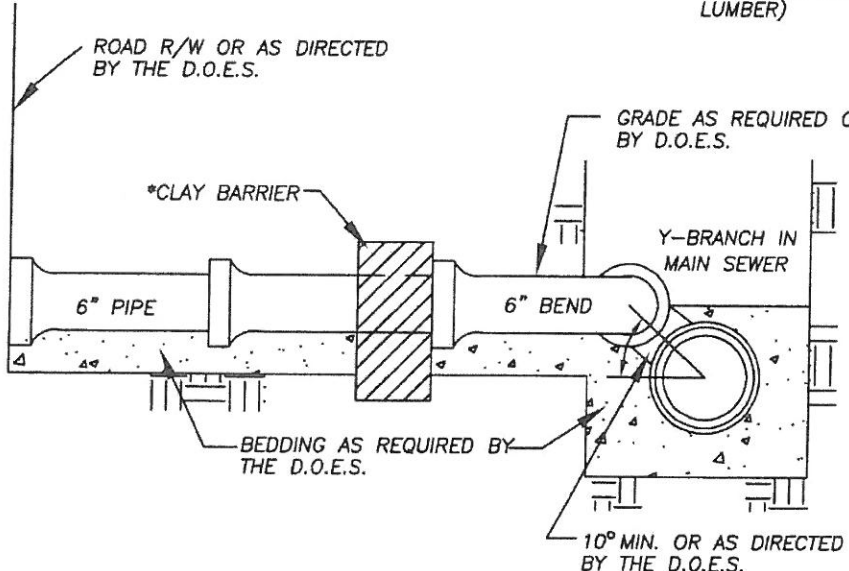
CONSTRUCTION OF LATERAL MUST BEGIN AT MAIN SEWER



TYPICAL PLAN

- 1) PROVIDE 2"x2" POLES TO MARK END OF BRANCHES, RISERS FOR FUTURE LOCATION.
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(POLES TO BE OF ROUGH CUT LUMBER)



*CLAY BARRIER TO BE INSTALLED WHEN DIRECTED BY D.O.E.S.

TYPICAL SECTION OF LATERAL TRENCH

STANDARD DETAIL DWG. NO. 30	
DEPARTMENT OF ENVIRONMENTAL SERVICES	
SANITARY SEWER LATERAL CONNECTION NEW MAIN CONST.	
APPROVED BY _____	
ENGINEERING DESIGN ADMINISTRATOR	
DATE _____	30