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.
Address:  5056 Massillon Rd.  
North Canton, Ohio  44720

Name:  Donald Muckley

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

*3' MIN CLAY BARRIER

6" PIPE

6" BEND

Y-BRANCH IN MAIN SEWER

60°

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

3'-0" MIN.

FOUNDATION WALL

CONCRETE FOUNDATION

JOINT SHALL BE SEALED WITH A P.V.C. DOUGHNUT AS MANUFACTURED BY THE FERNCO JOINT SEALER CO. OR EQUAL

Y-BRANCH IN MAIN SEWER

GRADE AS REQUIRED OR AS DIRECTED BY D.O.E.S.

*CLAY BARRIER

FOOTER DRAIN SHALL NOT BE CONNECTED TO THE SANITARY SEWER.
LATERAL BEDDING SHALL BE A MIN. OF 10" AWAY FROM FOUNDATION TO AVOID FRENCH DRAIN SITUATION

BEDDING AS REQUIRED BY THE D.O.E.S.

5' LENGTH OF 4" SOIL PIPE IS TO BE PLACED INSIDE OF 6" PIPE, IF CONNECTION IS LESS THAN 50" FROM WELL.

*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.
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.
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.
P AVEMENT SHALL BE REPLACED AS DIRECTED BY LOCAL ORDINANCES, ETC. IF APPLICABLE.

SEE GENERAL NOTES FOR ACCEPTABLE PIPE MATERIALS.
CONSTRUCTION OF LATERAL MUST BEGIN AT MAIN SEWER

TYPICAL PLAN

JOINT SHALL BE SEALED WITH A P.V.C. DOUGHNUT AS MANUFACTURED BY FERNCO JOINT SEALER CO. OR EQUAL.

FOOTER DRAIN SHALL NOT BE CONNECTED TO THE SANITARY SEWER.

LATERAL BEDDING SHALL BE A MIN. OF 10" AWAY FROM FOUNDATION TO AVOID FRENCH DRAIN SITUATION

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

TYPICAL SECTION OF LATERAL TRENCH
CONSTRUCTION OF LATERAL MUST BEGIN AT MAIN SEWER

*3' MIN CLAY BARRIER

Y-BRANCH IN MAIN SEWER

60°

TRENCH

6" PIPE

6" BEND

TYPICAL PLAN

PROPOSED FOUNDATION WALL

PROPOSED CONCRETE FOUNDATION

GRATE AS REQUIRED OR AS DIRECTED BY D.O.E.S.

Y-BRANCH IN MAIN SEWER

*CLAY BARRIER

BEDDING AS REQUIRED BY
THE D.O.E.S.

LATERAL BEDDING SHALL BE A MIN.
OF 10" AWAY FROM FOUNDATION TO AVOID
FRENCH DRAIN SITUATION

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

10" MIN. OR AS DIRECTED
BY THE D.O.E.S.

FOOTER DRAIN

TYPICAL SECTION OF LATERAL TRENCH

5' OR LESS

NO BEDDING REQUIRED IN THIS CASE.

5' OVER

BEDDING REQUIRED IN THIS CASE.

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

3' MIN CLAY BARRIER

Y-BRANCH IN MAIN SEWER

60°

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

ROAD R/W OR AS DIRECTED BY THE D.O.E.S.

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

BEDDING AS REQUIRED BY THE D.O.E.S.

10" MIN. OR AS DIRECTED BY THE D.O.E.S.

TYPICAL SECTION OF LATERAL TRENCH