

**RESOLUTION APPROVING DETAILED CONSTRUCTION PLANS FOR THE GORE ROAD WATER MAIN PROJECT, GENEVA TOWNSHIP, ACDES**

WHEREAS, Doug Starkey, Director of the Ashtabula County Department of Environmental Services, has presented detailed construction plans prepared by Verdantes LLC and approved by the Ashtabula County Sanitary Engineer, for the Gore Road Watermain Project in Geneva Township; and

WHEREAS, the project description is as follows:

The project will extend the waterline on Gore Road from the intersection of Morningside to the intersection of Shadyside in Geneva Township.

WHEREAS, Director Starkey recommends approval of these plans and is authorized, after plan approval, to submit signed drawings to OEPA for Permit to Install (PTI); now

THEREFORE, BE IT RESOLVED, by the Board of County Commissioners of the County of Ashtabula, Ohio, that:

**Section 1.** The detailed construction plans for the Gore Road Watermain Project in Geneva Township is hereby approved.

**Section 2.** Those detailed plans shall be filed in the office of the Ashtabula County Sanitary Engineer, in the Department of Environmental Services and kept continuously on file there for inspection by all persons interested therein.

**Section 3.** This Board finds and determines that all formal actions of this Board concerning and relating to the adoption of this resolution were taken in an open meeting of the Board and all deliberations of this Board and of any of its committees that resulted in those formal actions were in meetings open to the public.

**ASHTABULA COUNTY COMMISSIONERS  
CERTIFICATION PAGE**

**Resolution No. 2026-83**

**January 27, 2026**

**RESOLUTION APPROVING DETAILED CONSTRUCTION PLANS FOR THE GORE  
ROAD WATER MAIN PROJECT, GENEVA TOWNSHIP, ACDES**

**Upon the motion of Kathryn L. Whittington, seconded by J.P. Ducro IV.**

**VOTE:**

**Casey R. Kozlowski**

**Aye**

**Kathryn L. Whittington**

**Aye**


**J.P. Ducro IV**

**Aye**

**CERTIFICATE OF CLERK**

IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of a resolution acted upon and duly passed by the Board of County Commissioners of Ashtabula County, Ohio, on the date noted above.

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Crystal Sturgill, Clerk of the Board, *Acting*  
Board of County Commissioners  
Ashtabula County, Ohio

# GORE ROAD WATERLINE IMPROVEMENT PLANS

## GENEVA TWP., ASHTABULA COUNTY, OHIO

JANUARY 2026

### INDEX OF SHEETS

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### APPROVALS

ASHTABULA COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES

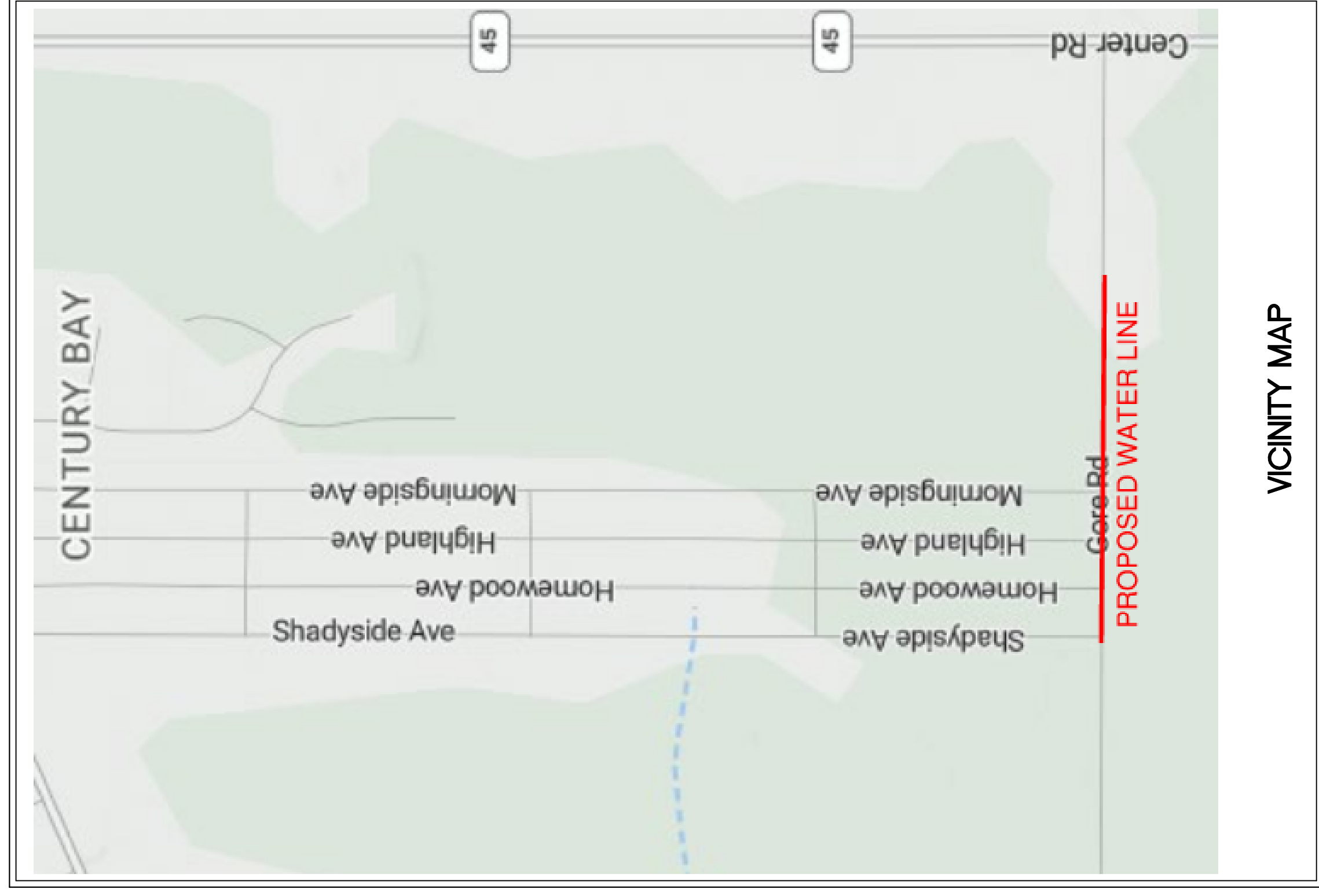
APPROVED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2026  
 \_\_\_\_\_ DOUG STARKEY

ASHTABULA COUNTY COMMISSIONERS  
 APPROVED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2026

\_\_\_\_\_  
 J. P. DUCRO, IV PRESIDENT

\_\_\_\_\_  
 CASEY R. KOZLOWSKI VICE PRESIDENT

\_\_\_\_\_  
 KATHRYN L. WHITTINGTON COMMISSIONER



### UTILITIES

THE LOCATION OF ALL UNDERGROUND UTILITY FACILITIES ARE SHOWN ON THE PLANS FROM DATA AVAILABLE AT THE TIME OF THE FIELD SURVEY IN ACCORDANCE WITH SECTION 153.64 OF THE OHIO REVISED CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF THE EXISTING UTILITY OWNERS AND UTILITY PROTECTION SERVICE LISTED BELOW IN ACCORDANCE WITH SECTION 154.64 OF THE O.R.C. AND AS OUTLINED IN PROJECT SPECIFICATIONS.

THE UTILITY OWNERSHIPS ARE AS FOLLOWS:

OHIO UTILITIES PROTECTION SERVICE  
 106 WEST RYEN, ROOM 427  
 YOUNGSTOWN, OHIO 44051  
 PH: (800) 362-2764

DOMINION OHIO GAS COMPANY  
 7001 CENTER ROAD  
 ASHTABULA, OHIO 44004  
 PH: 992-5100

SAYBROOK TOWNSHIP  
 7247 CENTER ROAD  
 ASHTABULA, OHIO 44004  
 PH: 1-440-969-1106

TIME WARNER CABLE  
 ENGINEERS OFFICE  
 14300 S. INDUSTRIAL PARKWAY  
 MAPLE HEIGHTS, OHIO 44137  
 PH: 216-663-4003

THE CLEVELAND ELECTRIC  
 ILLUMINATING COMPANY  
 2210 SOUTH RIDGE ROAD WEST  
 ASHTABULA, OHIO 44004  
 PH: (440) 994-8267  
 ATTN. - GARY WEIR

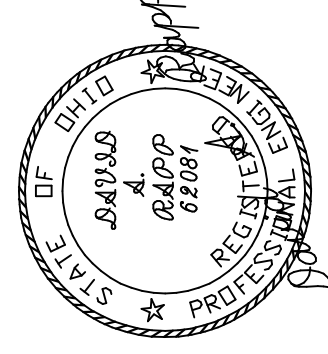
ASHTABULA COUNTY ENVIRONMENTAL DEPT.  
 25 W. JEFFERSON ST.  
 JEFFERSON, OHIO  
 PH: 1-440-576-3722

### NOTES:

1. TEN FOOT MIN. HORIZONTAL SEPERATION (OUT TO OUT) MUST BE MAINTAINED BETWEEN THE WATERLINE AND SANITARY AND STORM SEWERS AT ALL CROSSINGS.
2. AN 18" VERTICAL SEPERATION (OUT TO OUT) MUST BE MAINTAINED BETWEEN THE WATERLINE AND SANITARY AND STORM SEWERS AT ALL CROSSINGS.
3. BOOSTER PUMPS ARE PROHIBITED ON SERVICE CONNECTIONS.
4. THE WATERLINE SHALL PROVIDE A MINIMUM OF 35 PSI PRESSURE AT THE CURB STOP DURING NORMAL OPERATIONS.
5. WATERLINES SHALL BE INSTALLED AND PRESSURE TESTED ACCORDING TO AWWA C-605.
6. WATERLINES SHALL BE DISINFECTED ACCORDING TO AWWA C-651.
7. A MINIMUM OF 35 PSI SHALL BE MAINTAINED TO THE CURB STOP DURING NORMAL OPERATING CONDITIONS.
8. A MINIMUM PRESSURE OF 20 PSI SHALL BE MAINTAINED AT GROUND LEVEL AT ALL POINTS IN THE DISTRIBUTION SYSTEM UNDER ALL CONDITIONS OF FLOW.

DAVID RAPP SERVICES

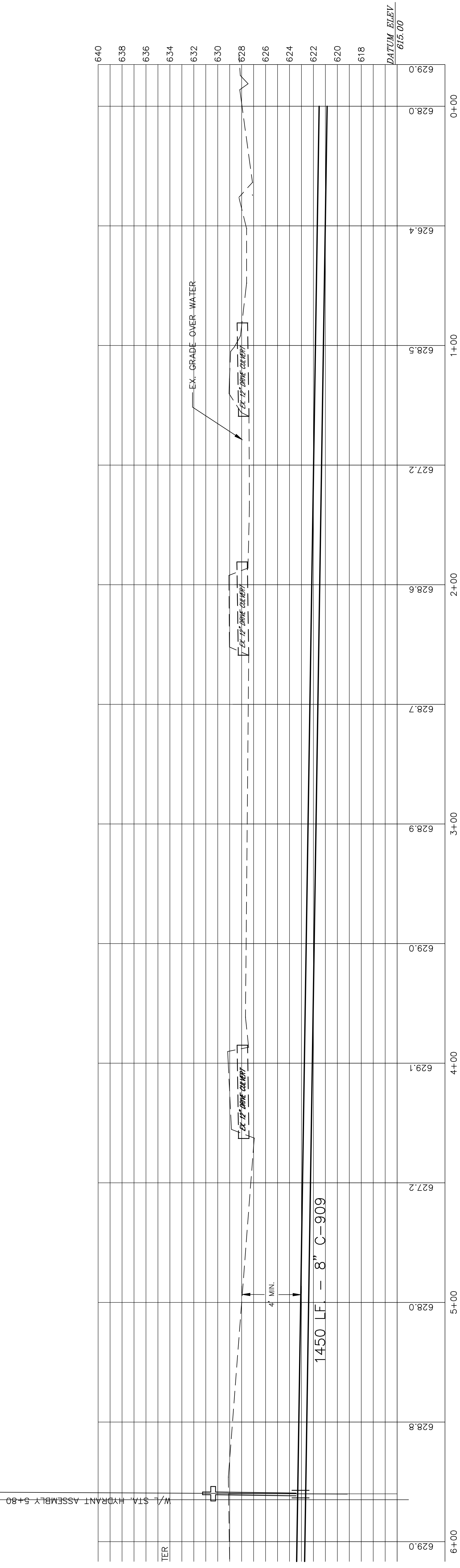
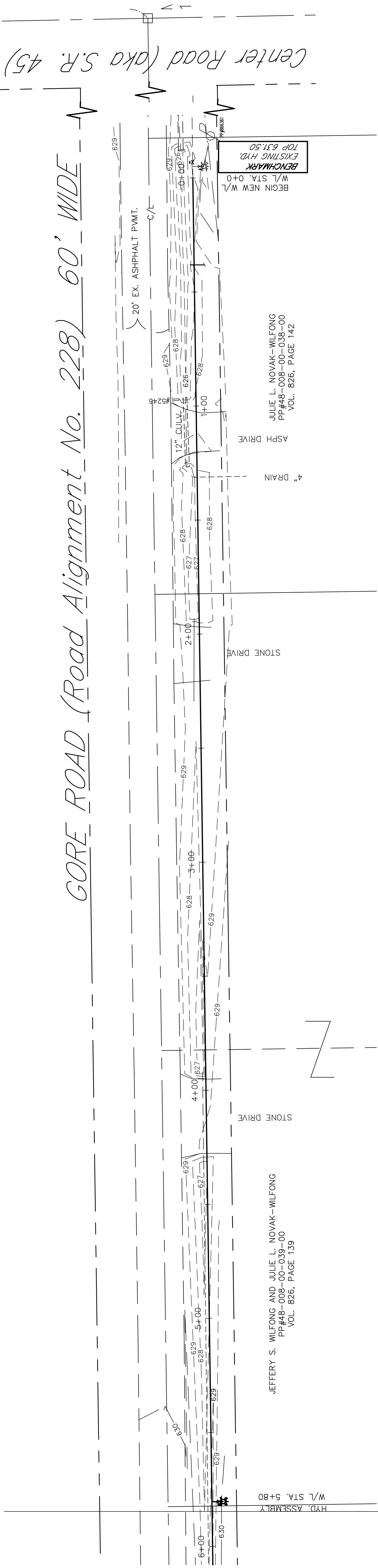
Engineer - Surveyor - Inspector  
 dave@usaec.com 440-983-1607



David A. Rapp 01/25/26  
 DAVID A. RAPP P.E. No. 82864

OHIO UTILITIES PROTECTION SERVICE  
 2 WORKING DAYS  
 BEFORE YOU DIG  
 CALL TOLL FREE 800-362-2764

# GORE ROAD (Road Alignment No. 228) 60' WIDE



**DAVID RAPP SERVICES**  
dave@usaec.com 440-983-1607

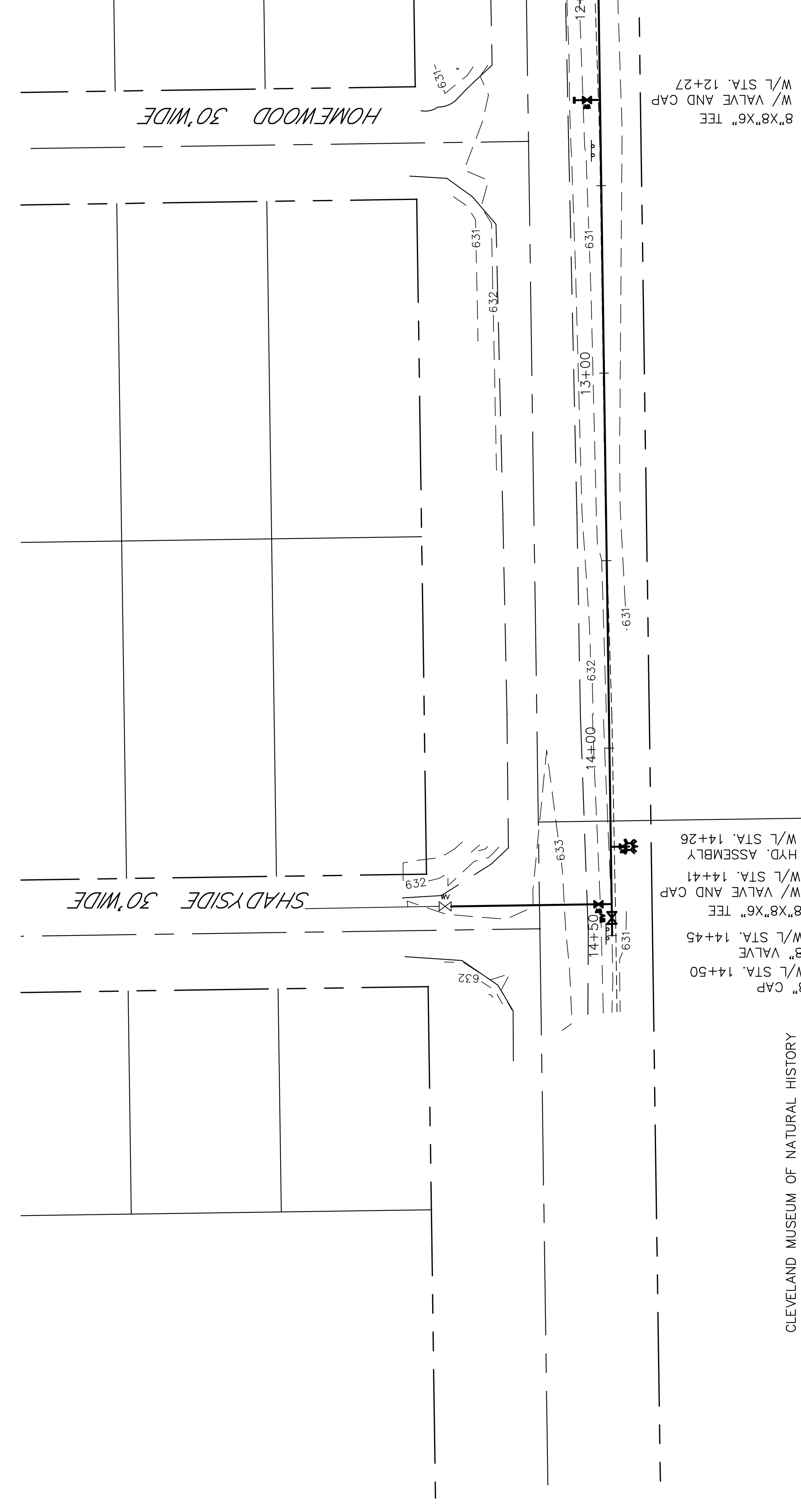
**PLAN AND PROFILE**

GORE ROAD WATERLINE IMPROVEMENT PLANS  
SAYBROOK TOWNSHIP - ASHTABULA COUNTY, OHIO

DATE: **MAY, 2025**  
DRAWN BY: **DAR**  
CHECKED BY:  
APPROVED BY: **DAR**  
PE No. **62081**

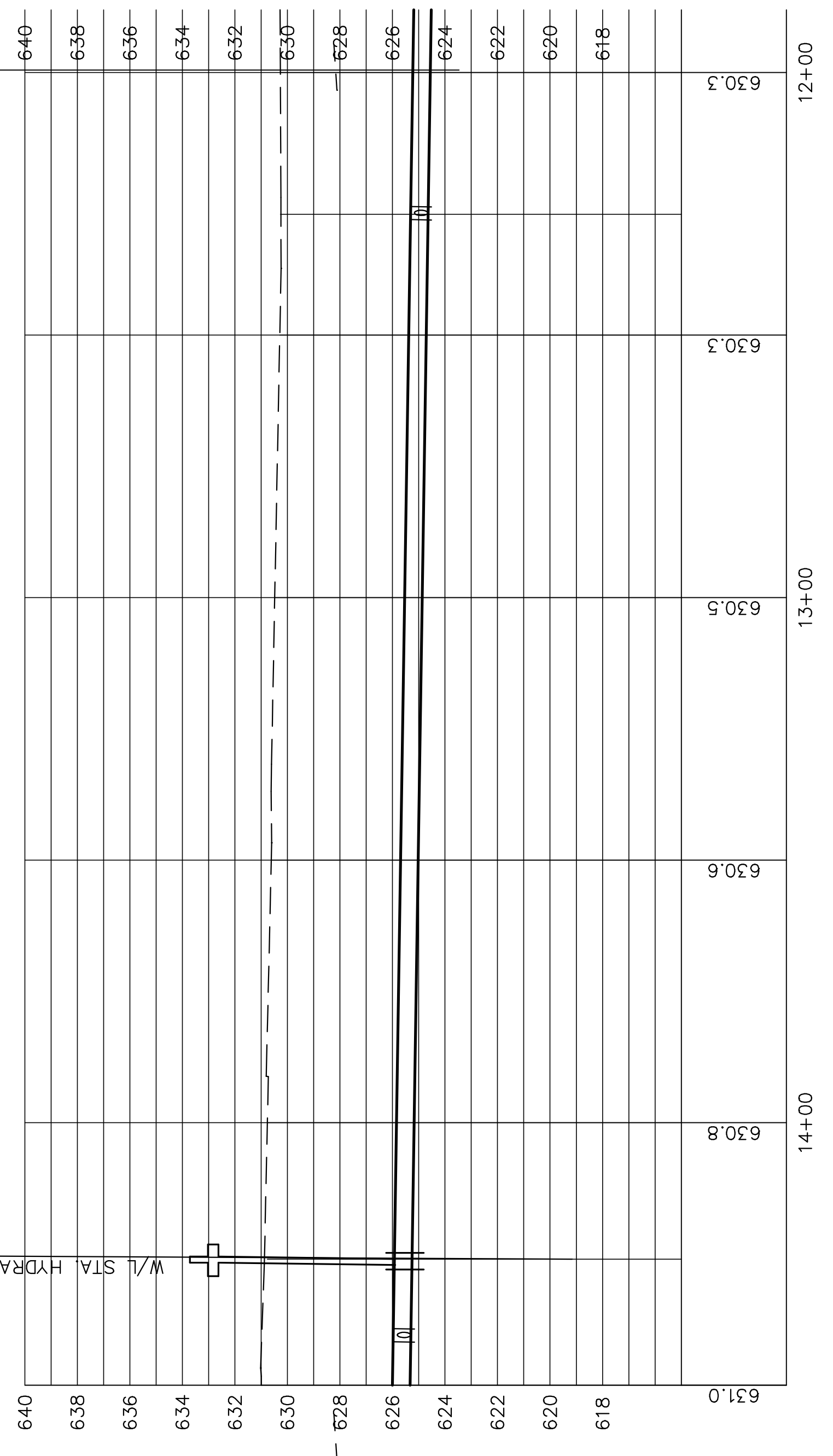
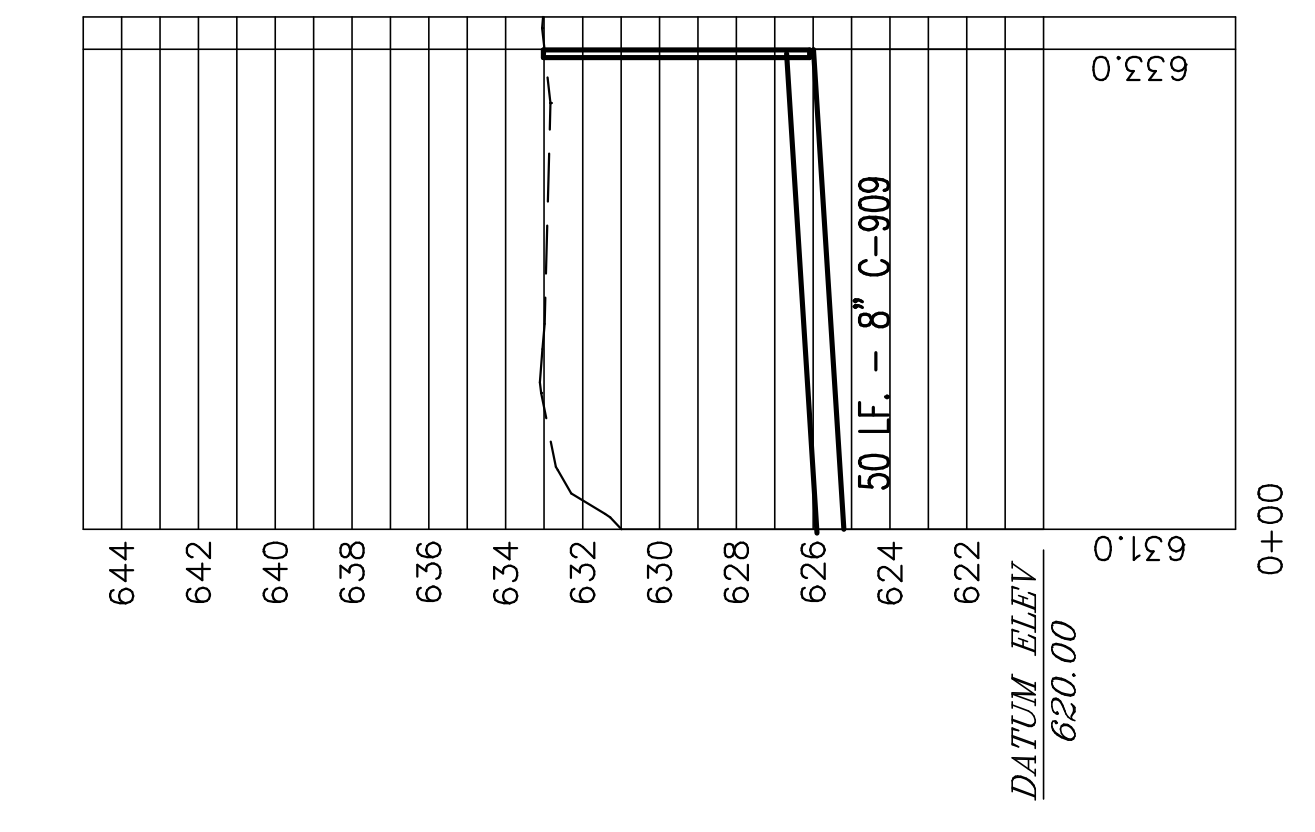
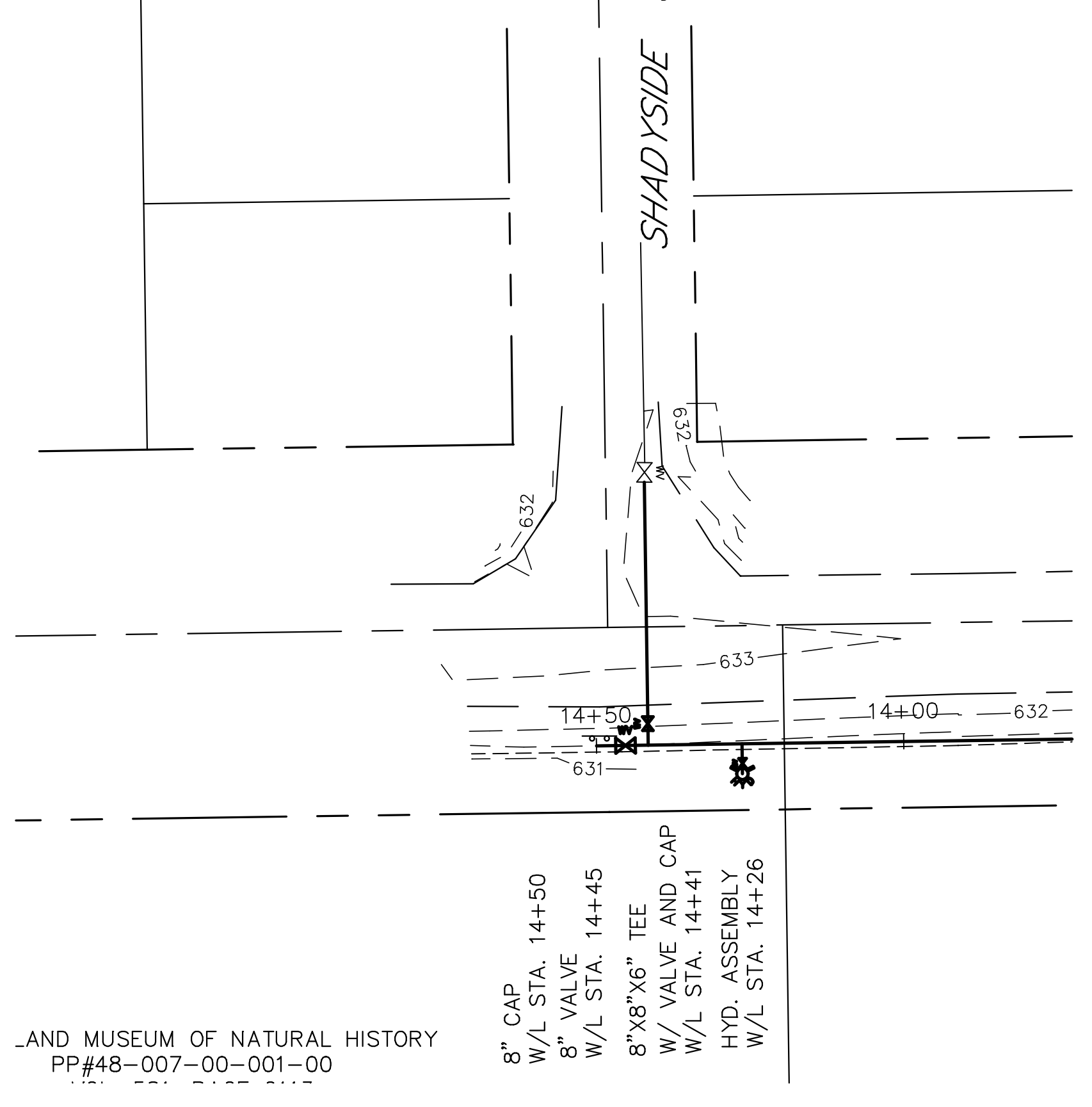
Hor. Scale **1" = 20'**  
Vert. Scale **1" = 5'**  
CONTRACT No. **45502**  
SHEET No. **2** OF **5**





CLEVELAND MUSEUM OF NATURAL HISTORY  
PP#48-007-00-001-00  
VOL. 581, PAGE 2113

CLEVELAND MUSEUM OF NATURAL HISTORY  
PP#48-007-00-001-00



## WATERLINE NOTES

1.) CONTRACTOR NOTIFY HARPERSFIELD TOWNSHIP FIRE DEPARTMENT FOR THE FOLLOWING PHASES OF THE PROJECT WITH DATES AND TIMES:

STAKING AND LAYOUT OF PROJECT  
TEENING AND TAPPING INTO EXISTING WATERMAIN AT JEFFERSON RD.  
INSTALLATION OF ALL FIRE HYDRANT ASSEMBLIES.  
PRESSURE TESTING OF SYSTEM.

2.) MAINTAINING TRAFFIC, AS PER O.D.O.T. STANDARD CONSTRUCTION  
DRAWING: MT-97.10, (1-18-13).

3.) MECA-LUG RETAINERS SHALL BE USED AT ALL FITTINGS INCLUDING BENDS, TEES, VALVES, HYDRANTS, ETC.

4.) WATERLINE MATERIALS AND INSTALLATION PROCEDURES SHALL MEET OR EXCEED ALL APPLICABLE A.W.W.A. STANDARDS

5.) SOLID CONCRETE BLOCK TO BE USED UNDER ALL ANCHORING TEES, ANCHORING ELBOWS AND ANCHORING PLUGS.

6.) WHENEVER WATER LINES CROSS COUNTY & TWP. ROADS, THE BACKFILL REQUIRED WILL BE LOW STRENGTH MORTAR BACKFILL UNLESS OTHERWISE NOTED ON THE PLANS.

7.) DRIVEWAY REPAIRS:

WHEN THE INSTALLATION OF THE WATERLINE REQUIRES CUTTING THROUGH A DRIVEWAY, THE RESTORATION SHALL BE DONE BY FILLING THE TRENCH WITH STRUCTURAL BACK FILL TYPE 2 UP TO SUBGRADE, COMPACTED IN LAYERS NOT TO EXCEED 6 INCHES. FOR GRAVEL DRIVES THE FINAL 12" WILL BE 304 AGGREGATE LESTONE TROP DRESSED WITH #57 LESTONE. FOR ASPHALT OR CONCRETE DRIVES THE FINAL 12" SHALL BE 6" OF 304 AGGREGATE LESTONE TOPPED WITH 6" OF THE RESPECTIVE ASPHALT OR CONCRETE. DRIVE REPAIR SHALL BE FROM ROADWAY EDGE TO ONE FOOT PAST THE DISTURBED TRENCH.

8.) THE FOLLOWING IS A LIST OF PERMITS ACQUIRED BY THE COUNTY FOR THIS PROJECT. THE CONTRACTOR SHALL ABIDE BY ANY AND ALL PERMIT REQUIREMENTS. COPIES OF THESE PERMITS ARE AVAILABLE UPON REQUEST AT THE ENGINEER'S OFFICE.

A.) WATERLINE INSTALLATION, E.P.A.

9.) BOOSTER PUMPS ARE NOT PERMITTED ON SERVICE CONNECTIONS.

10.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHLORINATION AND PRESSURE TESTING OF WATERLINE.

11.) BACTERIA TESTING OF WATERLINE WILL BE PERFORMED BY ASHTABULA COUNTY AND IS NOT THE RESPONSIBILITY OF THE CONTRACTOR.

12.) THE CONTRACTOR SHALL HAVE A CURRENT SEWER / WATER BUILDERS LICENSE ISSUED BY THE ASHTABULA COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES.

13.) WATER VALVES MUST MEET ASHTABULA COUNTY STANDARDS. GATE VALVES SHALL BE RESILIENT SEATED CONFORMING TO A.W.W.A. C509, MECHANICAL JOINT AND MAN-FRACTURED BY MUELLER, KENNEDY OR APPROVED EQUAL.

14.) INSPECTION SERVICES SHALL BE PERFORMED BY THE ASHTABULA COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES. THE COST OF INSPECTION SHALL BE INCLUDED AS PART OF THIS CONSTRUCTION PROJECT AT A RATE OF 360.00 PER 8-HOUR DAY. INSPECTION COST SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OVER-TIME, WEEKENDS AND HOLIDAYS SHALL BE AT A RATE OF 1.5 TIMES THE BASE PAY RATE.

15.) HYDRANT ASSEMBLIES, GATE VALVES AND MISC. FITTINGS MAY BE MOVED 1/2 OF A PIPE LENGTH FROM PLAN STATION TO FACILITATE INSTALLATION.(ANY MORE THAN THIS WILL REQUIRE APPROVAL OF THE ENGINEER.)

16.) ALL BOLTS, NUTS AND WASHERS SHALL BE STAINLESS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.(T-BOLTS SHALL BE CARBON STEEL)

17.) THE CONTRACTOR SHALL INSTALL TRACE WIRE: 12 GAUGE INSULATED COPPER WIRE SHALL BE TAPED TO THE TOP CENTER OF ALL PVC PIPE INSTALLATIONS. ALL NICKS OR UNINSULATED AREAS SHALL BE WRAPPED WITH ELECTRICAL TAPE. WIRE TO BE STUBBED UP AT EACH VALVE BOX.

18.) THE WATERLINE SHALL BE INSTALLED TO INSURE A 4'0" MINIMUM DEPTH OF COVER UNLESS OTHERWISE NOTED IN THESE PLANS.

19.) THE DEGREE OF BEND AND THE NUMBER OF M.J. FITTINGS CALLED OUT IN THESE PLANS IS ONLY AN ESTIMATE AND SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

20.) SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL WITHIN THE CONSTRUCTION LIMITS. QUANTITY CALCULATIONS FOR ITEM 659, SEEDING AND MULCHING ARE BASED ON AN ASSUMED AVERAGE WIDTH OF 8' TIMES THE LENGTH OF THE PROJECT.

21.) ALL OFFSETS SHOWN ARE MEASURED FROM CENTERLINE.

THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THIS LINE AND MAINTAIN THE PROPER OFFSET AS SHOWN IN THESE PLANS.

22.) THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS HAVE BEEN OBTAINED BY DILIGENT FIELD CHECKS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, HOWEVER, ASHTABULA COUNTY DOES NOT GUARANTEE THEIR ACCURACY AND/OR COMPLETENESS.

23.) THE WATERLINE SHALL PROVIDE A MINIMUM OF 35 PSI PRESSURE AT THE CURB STOP DURING NORMAL OPERATIONS.

24.) WATERLINES SHALL BE INSTALLED AND PRESSURE TESTED ACCORDING TO AWWA C-605.

25.) WATERLINES SHALL BE DISINFECTED ACCORDING TO AWWA C-651.

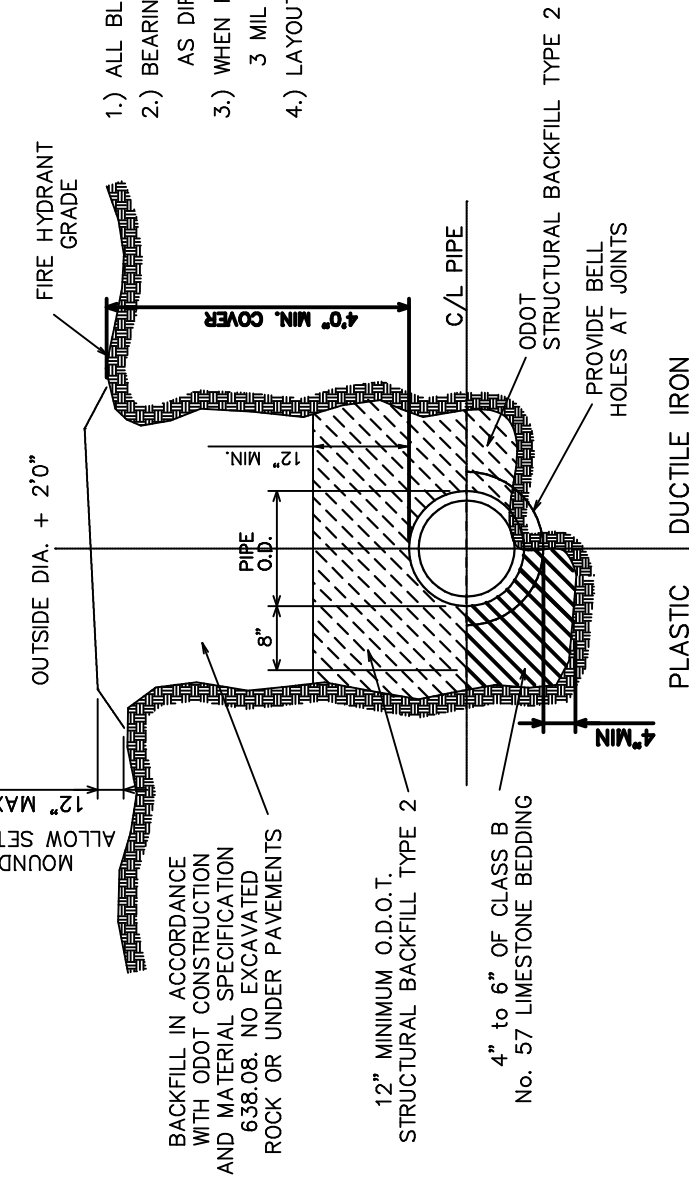
26.) A MINIMUM OF 35 PSI SHALL BE MAINTAINED TO THE CURB STOP DURING NORMAL OPERATING CONDITIONS.

27.) A MINIMUM PRESSURE OF 20 PSI SHALL BE MAINTAINED AT GROUND LEVEL AT ALL POINTS IN THE DISTRIBUTION SYSTEM UNDER ALL CONDITIONS OF FLOW.

ALL PRESSURE TESTING OF WATERLINE WILL BE PERFORMED BY THE CONTRACTOR WITH INSPECTION BY ASHTABULA COUNTY.

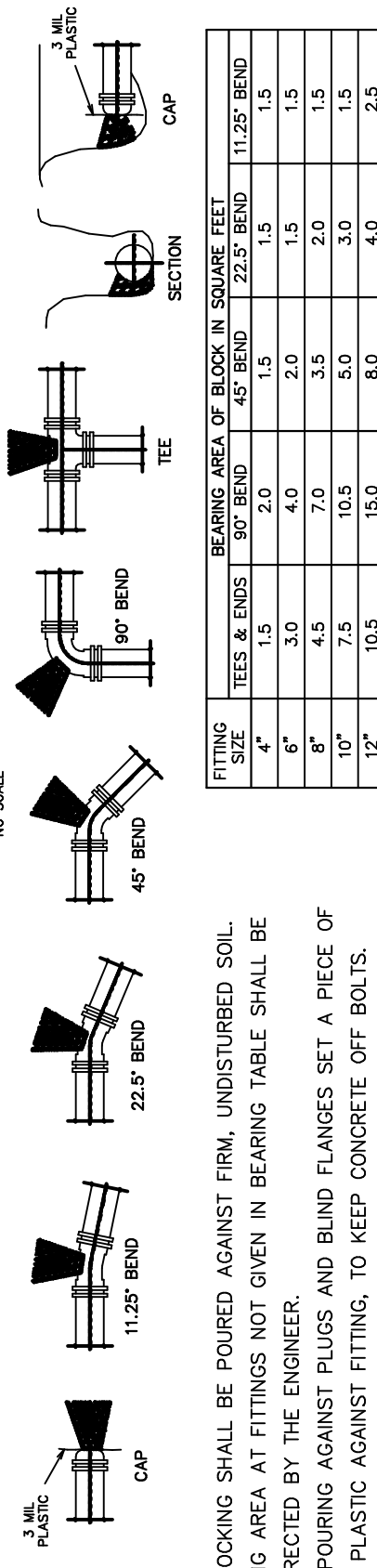
## TYPICAL TRENCH DETAIL

SCALE: 1" = 1'



- 1.) ALL BLOCKING SHALL BE POURED AGAINST FIRM, UNDISTURBED SOIL.
- 2.) BEARING AREA AT FITTINGS NOT GIVEN IN BEARING TABLE SHALL BE AS DIRECTED BY THE ENGINEER.
- 3.) WHEN POURING AGAINST PLUGS AND BEND FLANGES SET A PIECE OF 3 MIL PLASTIC AGAINST FITTING, TO KEEP CONCRETE OFF BOLTS.
- 4.) LAYOUT TO BE APPROVED BY ENGINEER PRIOR TO CONCRETE POUR.

## CONCRETE THRUST BLOCKING DETAIL



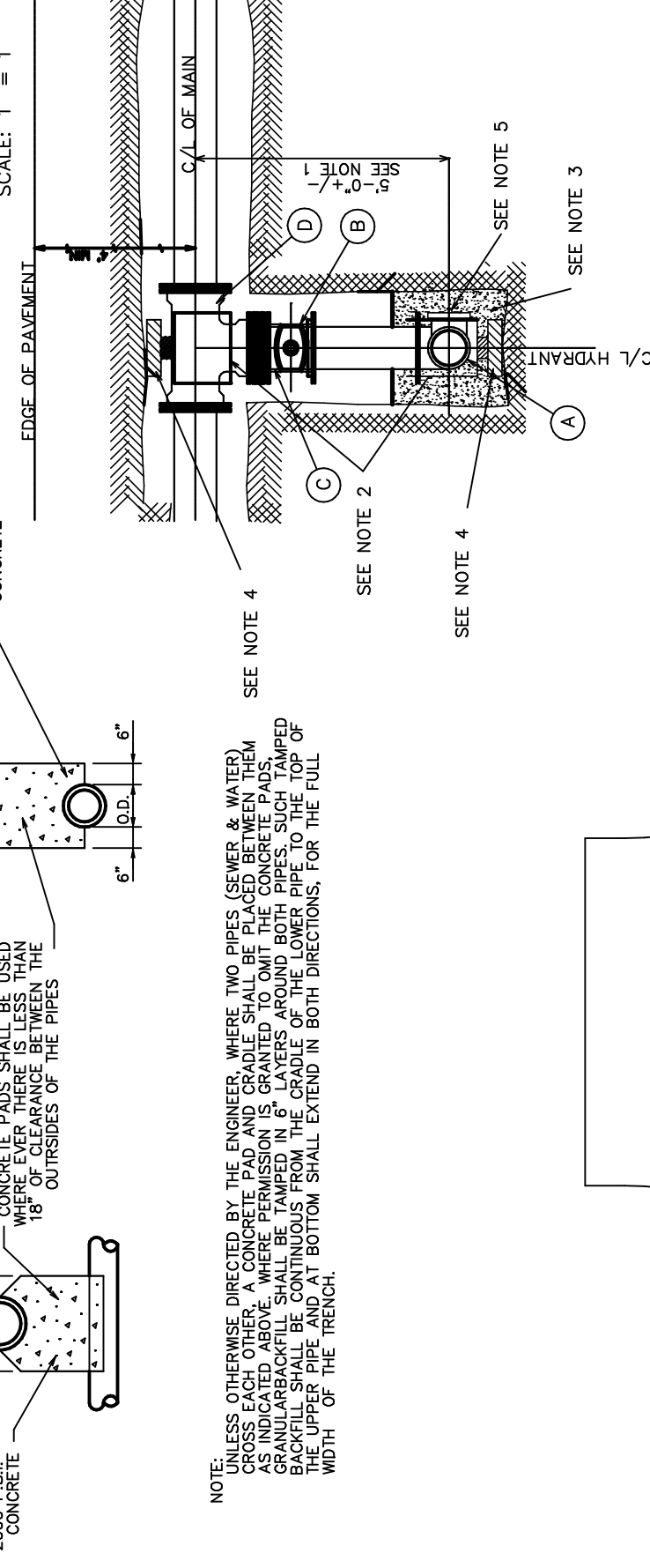
FITTING	TEES & ELBS	90° BEND	45° BEND	11.25° BEND	22.5° BEND	17.25° BEND	CAP
4"	1.5	2.0	1.5	1.5	1.5	1.5	1.5
6"	3.0	4.0	2.0	1.5	1.5	1.5	1.5
8"	4.5	7.0	3.5	2.0	2.0	2.0	2.0
10"	7.5	10.0	5.0	3.0	3.0	3.0	3.0
12"	10.0	13.0	6.0	4.0	4.0	4.0	4.0

## NOTES

- 1.) THE DISTANCE FROM THE CENTERLINE OF MAIN TO THE CENTERLINE OF HYDRANT WILL BE 5'0" EXCEPT WHEN INDIVIDUAL CIRCUMSTANCES PROVE IT TO BE INFEASIBLE. WHEN SUCH CIRCUMSTANCES OCCUR, THE LENGTH OF THE ANCHORING COUPLING WILL CHANGE TO ACCOMMODATE THE SITUATION.
- 2.) SOLID CONCRETE BLOCK TO BE USED UNDER ALL TEES AND HYDRANT ELBOWS.
- 3.) CRUSHED STONE FILL AROUND HYDRANT DRAIN AND TO A DEPTH OF 2'-0".
- 4.) SOLID CONCRETE BLOCK WITH OAK WEDGES. (BRACED AGAINST UNDISTURBED SOIL).
- 5.) HOSE NOZZLES FACING PARALLEL TO ROADWAY.
- 6.) ALL NOZZLES PLACED WITH 18" MIN DISTANCE FROM GROUND
- 7.) ASSEMBLY TO BE WRAPPED IN .8 MIL POLYETHYLENE ENCASEMENT
- 7.) FIRE HYDRANT, 3-WAY (1-4.1" STEAMER NOZZEL & 2-2.1" HOSE NOZZELS) MUELLER/CENTURION MODEL A-423) OR APPROVED EQUAL
- B.) 6" M.J. GATE VALVE, 3 PIECE VALVE BOX.
- C.) 6" LOCKING SPOOL.
- D.) M.J. ANCHORING TEE WITH ROTATING GLAND

## TYPICAL FIRE HYDRANT ASSEMBLY (TYPE 1)

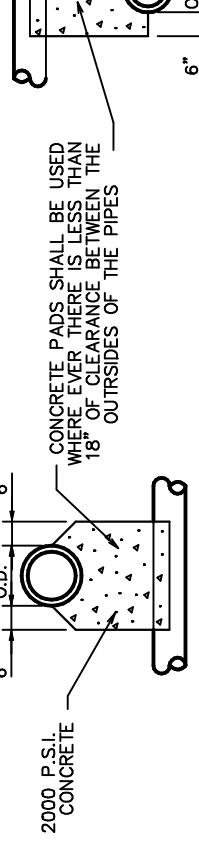
SCALE: 1" = 1'



NOTE: UNLESS OTHERWISE DIRECTED BY THE ENGINEER, WHERE TWO PIPES (SEWER & WATER) CROSS EACH OTHER, A CONCRETE PAD AND GRANULE SHALL BE PLACED BETWEEN THEM. GRANULAR BACKFILL SHALL BE TAMPED IN 6" LAYERS AROUND BOTH PIPES, SUCH TAMPED LAYERS SHALL BE 18" MIN. CLEARANCE BETWEEN THE PIPES. THE UPPER PIPE AND AT BOTTOM SHALL EVEN IN BOTH DIRECTIONS, FOR THE FULL WIDTH OF THE TRENCH.

## PIPE CROSSING DETAILS

SCALE: 1" = 1'

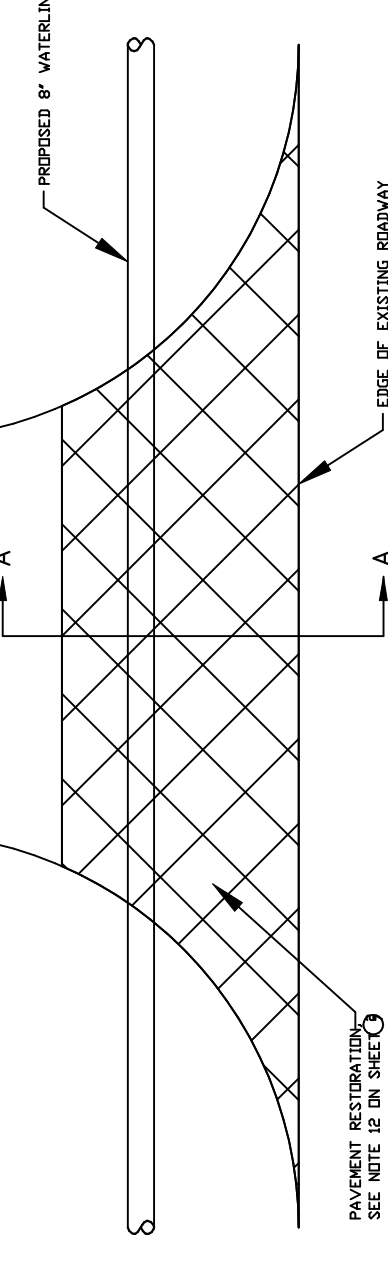
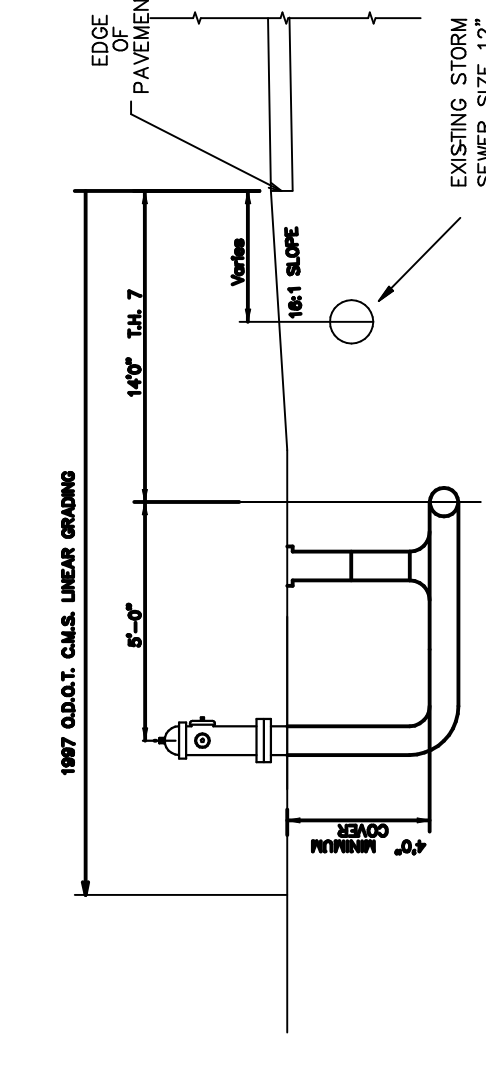


STRUCTURAL BACKFILL TYPE 2  
STRUCTURAL BACKFILL SHALL BE STONE, CRUSHED GRANUL OR CRUSHED FURNISH STRUCTURAL BACKFILL TO MEET THE GRADATIONS BELOW:

SIKVE SIZE	TOTAL PERCENT PASSING
2 1/2 INCH	10 TO 100
1 INCH	10 TO 100
3/4 INCH	10 TO 100
NO. 20	5 TO 15
NO. 40	5 TO 15
NO. 100	5 TO 15

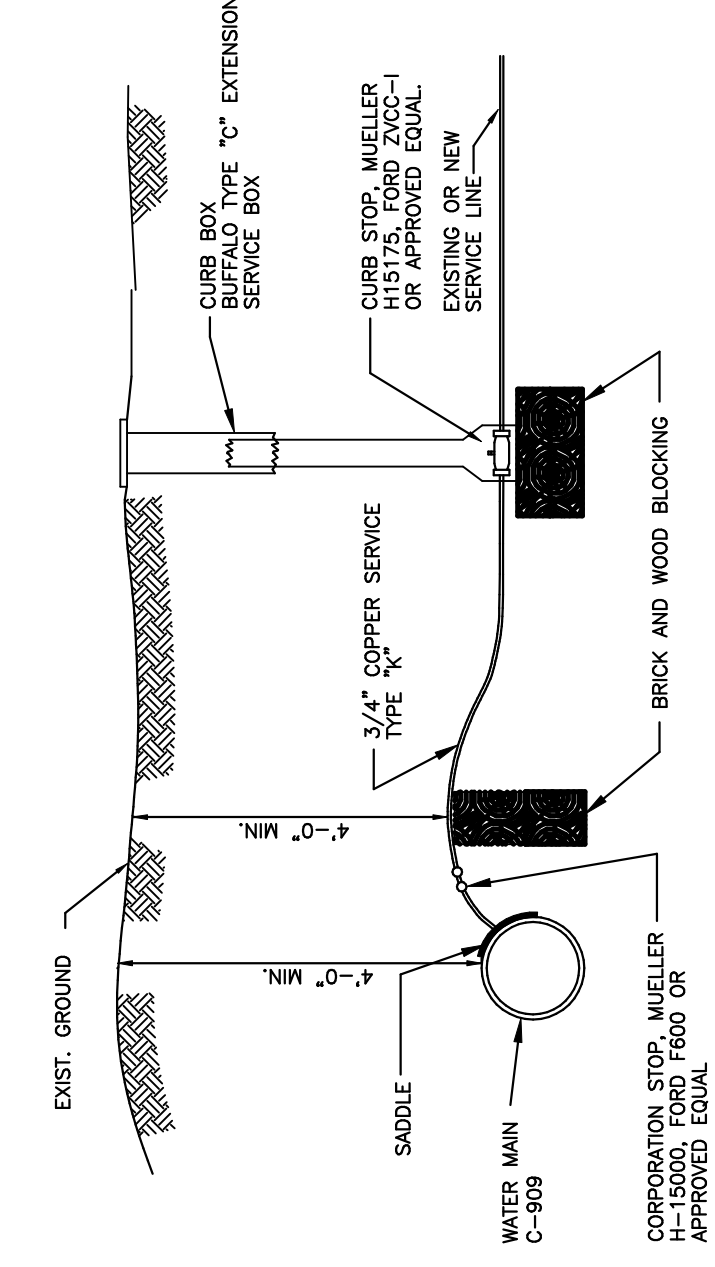
CONCRETE PADS SHALL BE USED TO PROVIDE CLEARANCE BETWEEN THE CURVES OF THE PIPES

## TYPICAL SECTION FOR HYDRANT ACCESS



## TYPICAL VALVE AND VALVE BOX SETTING

NO SCALE



## SERVICE TIE IN FOR INSIDE METER DETAIL

NO SCALE

