

ADDENDUM #1

VILLAGE OF KIMBERLY

Outagamie County, Wisconsin

WELHOUSE DRIVE & CURTIN AVENUE

SANITARY, WATER & STORM SEWER RECONSTRUCTION

Contract: K0001-09-23-00727.02

Bid Date: March 12, 2024

Time: 10:00 a.m., local time

This Addendum forms a part of the Contract Documents and modifies the original Contract Documents, dated March 1, 2024. The CONTRACTOR shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to acknowledge this Addendum may subject the Bidder to disqualification.

SPECIFICATIONS

Item 1 Section 00 41 00.00 Bid Forms

- A. Attached hereto and made a part of the Contract Document is revised Bid Form page 00 41 00.00 – 9R.

Item 2 Special Provisions

- A. Attached hereto and made a part of the Contract Documents is the Special Provisions in its entirety. Changes are in bold text on pages SP-2R and SP-7R.

DRAWINGS

- A. Plan Sheets 03R, 05R and 06R are attached hereto and made a part of the Contract Documents.

Issued: March 8, 2024



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ADDENDUM #1

Welhouse Drive & Curtin Avenue Sanitary, Water & Storm Sewer Reconstruction
VILLAGE OF KIMBERLY

A1 - 1

CONTRACT No. K0001-09-23-00727.02
WELHOUSE DRIVE & CURTIN AVENUE
SANITARY, WATER & STORM SEWER RECONSTRUCTION
Village of Kimberly | Outagamie County, Wisconsin
(continued)

STORM SEWER

Item	Quantity / Unit	Description	Unit Price	Total
41.	14 each Per Ea.	4 Inch Storm Lateral Connection to Main	\$	\$
		(words)	(figures)	(total)
42.	454 lin. ft. Per L.F.	4 Inch Storm Sewer Lateral (Public)	\$	\$
		(words)	(figures)	(total)
43.	560 lin. ft. Per L.F.	4 Inch Storm Sewer Lateral (Private) with Turf Restoration	\$	\$
		(words)	(figures)	(total)
44.	14 each Per Ea.	Collection Riser at House (Private)	\$	\$
		(words)	(figures)	(total)
45.	1 lump sum Per L.S.	Storm Sewer Clean and Televis	\$	\$
		(words)	(figures)	(total)
46.	1 lump sum Per L.S.	Storm Sewer Trench Compaction and Certification	\$	\$
		(words)	(figures)	(total)
SUB-TOTAL (Items 33. through 46., inclusive)				

ADDITIONAL SPECIAL PROVISIONS

WELHOUSE DRIVE & CURTAIN AVENUE SANITARY, WATER & STORM SEWER RECONSTRUCTION

For The VILLAGE OF KIMBERLY OUTAGAMIE COUNTY, WISCONSIN

March 1, 2024
McM. No. K0001-09-23-00727.02

A. GENERAL

1. Schedule

- a. The CONTRACTOR shall provide a detailed construction schedule at the Pre-construction Conference which identifies the work location, number of crews, type of work being performed for each manhole segment of the project. This schedule shall be updated weekly to accurately reflect the progress of the work and anticipated completion date. A window has been established for this project to allow flexibility, however the Village of Kimberly reserves the right to approve the original schedule and any modifications.

2. Tree Removal

- a. The CONTRACTOR shall remove trees marked for removal on the plans. Trees shall be cut down to less than 1 foot above the ground surface. Stumps may remain unless removal is required to install utilities. If a stump conflicts with utility work it shall be completely removed. All debris shall be cleaned up and disposed of. The Village does not have a dump site available. No tree shall be felled on private property. The CONTRACTOR shall be allowed to barricade a one block section of the street each day to allow for tree removal. The timeframe shall be from 8:00 a.m. to 3:00 p.m., Monday through Friday unless written consent is provided by the Village of Kimberly. The CONTRACTOR shall provide the Village Street Department and residents a full 24 hours' notice of a street blockage to allow residents to move vehicles.
- b. Some residents have indicated a desire for tree debris for use as firewood. A list of residents who have signed a waiver, will be provided to the CONTRACTOR. Cut trees would be placed in the front yard for property owners.

ADDITIONAL SPECIAL PROVISIONS

3. Establishment of Daily Quantities

- a. The CONTRACTOR shall be required to review daily work quantities with on-site observation staff to establish the pay item quantities installed that day. These quantities shall be used to determine pay request values and the final contract value. Failure to sign off on daily quantities shall result in the use of the OWNER daily records to establish the final contract amount.

4. Warranties & Guarantees

- a. The CONTRACTOR shall warrant and guarantee to the OWNER and ENGINEER that all work will be in accordance with the contract documents and will not be defective. Article 13, Section 13.07 of the Standard General Conditions of the construction contract shall be amended to read **‘if within two years’**.

This warranty shall specifically include trench settlement and the cost to restore settled areas to their existing condition.

- b. The warranty start date shall be the date of the final Contract change order establishing final project quantities.

5. Storm Sewer & Mini-Storm

a. Storm Sewer Materials

- 1) 21 Inch SDR 35 PVC
- 2) 12-inch and 18-inch ADS Sanitite HP
- 3) 6-inch and 4-inch Schedule 40 PVC
- 4) Lateral connections shall be 4” x 6” wyes, 4” x 8” wyes, or Kor ‘N’ Tee Eap for mains larger than 8-inch diameter.

- b. Homeowners that sign Waiver of Special Assessment shall have mini-storm laterals extended to the home.

- 1) The cost per foot of a private mini storm shall include turf restoration. Turf restoration shall be 4-inch of topsoil, seed and e-mat.
- 2) CONTRACTOR is not responsible to restore special landscaping if encountered.

B. WELHOUSE DRIVE & CURTAIN AVENUE

1. Existing Mainline Sewer & Lateral Information

- a. The information shown on the plans drawings is from best available records which include record drawing, surveys and mainline televising data.

2. Private Lateral Work

- a. Homeowners are required to reconstruct their non-PVC laterals from the sewer to the cast iron connection at the building face or inside the building. The CONTRACTOR shall provide a representative to review each lateral with the homeowner, Village and ENGINEER to determine the method and location of the lateral reconstruct. The homeowner has the option to privately contract this work, however past projects have resulted in over 95% of the lateral replacements completed under the Village Contract. The CONTRACTOR shall be paid for the work completed through the Village Contract.
- b. The CONTRACTOR shall confirm the size and material type of the lateral pipe being connected at the home prior to reconnection at the main and installation of the lateral. The size of the lateral required from the home to the main shall be determined by the Village of Kimberly.
- c. CONTRACTOR shall verify if a lateral is existing PVC or HDPE prior to replacement.
- d. The total footage of laterals constructed may vary based on verification of existing pipe material. **No unit price adjustment** shall be allowed based on a change of quantity from the estimates on the Bid Form.
- e. Bid items for sanitary lateral work shall include all labor and material to complete the work identified. Lateral work shall be authorized by the homeowner. Prior to lateral construction a cost estimate for the work shall be provided.
- f. Excavated - The unit price bid for excavated laterals shall include the cost to excavate and replace the sanitary sewer lateral from the sewer main to the home connection. The home connection is assumed to be at the building face connected to a cast iron pipe. The Village of Kimberly Building Inspector shall be contacted if this connection cannot be made to determine if a variance to the Village Ordinance will be allowed. If any unexcavated pipe remains the pipe may be sliplined into the home and reconnected by sawcutting the basement floor and reconnecting per the Village Building Code requirements. The cost for slipped or burst pipe installed and any connection in the basement would be paid at the unit price items for this work.
- g. Private Lateral – Pipe Burst - The unit price bid for pipe bursting shall include all costs associated with installing a 4-inch or 6-inch polyethylene or PVC pipe in an existing 4-inch or 6-inch lateral. The cost for excavation at the home foundation or in the home for reconnection shall be paid for using the bid items for that work.
- h. Access To Home - The CONTRACTOR shall be responsible to contact homeowners to gain access to homes and schedule the work. The Village will be available to assist the CONTRACTOR if the CONTRACTOR is having difficulty in gaining contact with the homeowner.
- i. Live Lateral Verification – The CONTRACTOR shall be responsible to verify live services for reconnection to the new sanitary sewer main. All costs associated with

ADDITIONAL SPECIAL PROVISIONS

this work shall be included in the unit price contract item. This shall include dye testing, televising, excavation, in home investigating, etc. as required to verify a live service.

- j. Material – Excavated laterals shall be Schedule 40 PVC. Pipe burst laterals shall be Schedule 17 HDPE with butt-fused joints. It is anticipated most laterals will be pipe burst.

- k. Private Lateral Excavation and Restoration

- 1) The homeowner is responsible to remove and replace any obstructions on private property other than grass or pavement which they do not want damaged or which may inhibit the CONTRACTOR's ability to reasonably excavate. The CONTRACTOR shall identify any such obstructions a minimum of three days prior to commencing work so the homeowner can be properly notified and remediation of the obstruction(s) can be completed.

- 2) Outside the Home

- a) The CONTRACTOR shall be responsible to backfill and compact excavated material to meet the project compaction specifications. Special backfill is not required under existing pavement areas on private property but may be requested by a homeowner and paid for directly by the homeowner to the CONTRACTOR. All trenches shall be rough backfilled to match existing grade. The homeowner is responsible for all finish restoration. The CONTRACTOR may negotiate a price with homeowners to do final restoration work. This work shall be paid for directly by the homeowner to the CONTRACTOR, **not** through the Village Contract.

- 3) Inside the Home

- a) For work done inside the home it shall be the homeowners responsibility to provide the CONTRACTOR the required working space to saw cut the basement floor to access the sanitary lateral. The CONTRACTOR shall be responsible for removing and replacing the concrete floor to allow for pipe bursting and reconnection of the existing piping. The CONTRACTOR shall also be responsible for the removal and proper disposal of all excavated material.

- 3. Sanitary Laterals

- a. Risers - The cost of Schedule 40 PVC risers are incidental to the 4" x 8" wye bid item.

ADDITIONAL SPECIAL PROVISIONS

4. Sanitary Sewer Testing / Cleaning / Televising
 - a. Testing of sanitary mains and laterals shall follow the requirements of Section 33 01 30.16.
 - b. Laterals shall be video recorded up to and beyond the reconnection point at the home using a televising camera launched from the mainline sanitary sewer.
 - c. Deflection testing of the sanitary mainline.
 - d. Manhole inspection reports per Section 33 01 30.16.
 - e. Manhole inspection reports and mainline televising are required for all manholes on the project.
5. Chimney Seals
 - a. No chimney seals are required for this project.
6. Water Main
 - a. Water Service Bid Items

Long side water services shall be measured and paid using the bid item for 1 Inch Water Service – Pulled. Short side water services shall be paid using the bid item for 1-Inch Water Service – Excavated. Any deviations to this requirement shall require approval by the Kimberly Water Department (Jerry Verstegen).
 - b. Temporary Water Service
 - 1) The Bid Item for Temporary Water Service shall include all labor and materials required to provide continuous potable water to residents during reconstruction of the mainline. The CONTRACTOR shall provide a written plan detailing the means and methods of the temporary water plan for the review and acceptance by the Kimberly Water Department. The plan shall include a description of materials, method of temporary hook-ups, a map showing a phasing plan of individual areas on temporary water at one time, and verification materials used are safe for potable use. This plan shall be provided no later than the Pre-Construction Conference.
 - 2) NR 810.17 Temporary water supply and pressure.
 - a) Water conduits used for the temporary supply of water because of water main breaks or replacement shall be of materials approved either by ch. SPS 382 as water service or private water main materials or by ch. NR 811 as water main materials. Piping materials may be reused but may not have been previously used for purposes other than providing potable water. The lines shall be disinfected in accordance with AWWA Standard C651-05.

ADDITIONAL SPECIAL PROVISIONS

7. Concrete Removal & Trenches

- a. All trenches shall be sawcut. The intention is to disturb only the pavement required to complete the work. The CONTRACTOR shall attempt to minimize pavement disturbance to allow for local traffic use.
- b. All trenches under pavement shall require native backfill up to a point 3 feet below the existing road surface. From this point to the existing surface of pavement shall be backfilled with WisDOT 1-1/4-inch base aggregate dense.
- c. Compaction Testing of Trenches - The CONTRACTOR shall provide a certified geotechnical soil testing company to provide compaction testing for the sanitary sewer and water main trenches. A test shall be provided at **25-ft intervals** of pipe installed. Testing shall be performed on a **daily basis** as construction progresses at the top of native backfill prior to special backfill. Tests shall also be required after excavation and re-compaction of the sanitary lateral reconnection point following pipe bursting. Failed tests shall result in re-compaction of the trench from the point of the last passing compaction test unless additional testing is performed to better identify the areas needing compaction. Additional tests required along with retests of failed areas shall be incidental to this bid item.

The CONTRACTOR shall provide compaction test results and a stamped letter of opinion from a Geotechnical Engineer, registered in the State of Wisconsin, that all compaction specifications are satisfied.

8. Miscellaneous

- a. Pavement shall be swept and trenches shall have gravel leveled and compacted. The CONTRACTOR shall provide water applications on graveled areas for dust control as requested by the Village of Kimberly. Water can be provided for fill up by the Contract. Contact Kimberly Water Department.
- b. The CONTRACTOR shall be responsible to immediately filling of settled areas until street construction begins. The Village shall notify the CONTRACTOR and CONTRACTOR shall have 24 hours to complete the work.
- c. Rough Grading
 - 1) The CONTRACTOR shall immediately level disturbed turf areas.

C. **SIDNEY STREET**

1. Mini-Storm Sewer & Storm Sewer Laterals

- a. The 6-inch mini-storm sewer shall be constructed as shown on the plan drawings. The CONTRACTOR may construct the mainline 6-inch mini-storm sewer using either an open cut or directional bore method of installation. If open cut option is selected the CONTRACTOR shall either auger bore under driveway aprons or replace the entire driveway apron. All costs associated are incidental to the Contract.

ADDITIONAL SPECIAL PROVISIONS

- b. Storm laterals can either be excavated or auger bored to 1 foot beyond the back of sidewalk. The lump sum bid for a storm lateral shall include all concrete restoration or boring costs.
- c. Pipe Materials
 - 1) Excavated Option – 4-inch or 6-inch Schedule 40 PVC
 - 2) Directional bored Option – HDPE DR 17
- d. The CONTRACTOR shall mark the location of the storm sewer laterals by making a sawcut in the top of the curb at the completion of the project.
- e. No excavation shall be allowed closer than 3 feet from the outside face of any tree. The CONTRACTOR shall tunnel areas within 3 feet of trees.
- f. All laterals shall extend 1 foot beyond the back of the sidewalk or as shown on the plan drawings.
- g. A 2" x 4" marker shall be placed at the end of each lateral. The marker shall be continuous and extend from the lateral invert to 1 foot above existing ground.
- h. Mini-storm sewer shall be constructed to grade as shown on the plans. A minimum lateral depth of 3.5 feet is required unless the depth of the existing storm sewer restricts this.
- i. The mini-storm sewer shown on the plans shall be bedded with ¾-inch clear stone under pavement shall be bedded and backfilled with ¾-inch clear stone. Mini-storm in turf areas may be backfilled with native material excavated from the trench.
- j. All trench backfill shall be mechanically compacted.
- k. The CONTRACTOR shall provide the Village with an accurate set of record drawings showing the location of the laterals and clean-outs. These locations shall be field measured from the downstream inlet and a distance from a driveway edge. A neatly drawn sketch must be submitted with the measurements shown.
- l. **Storm lateral connections are required as follows:**
 - 1) **4-inch PVC to storm sewer 12-inch and larger.**
- Kor 'N' Tee tap with rubber seal.
 - 2) **4-inch PVC to new 6-inch and 8-inch PVC storm sewer.**
- PVC wye fittings.

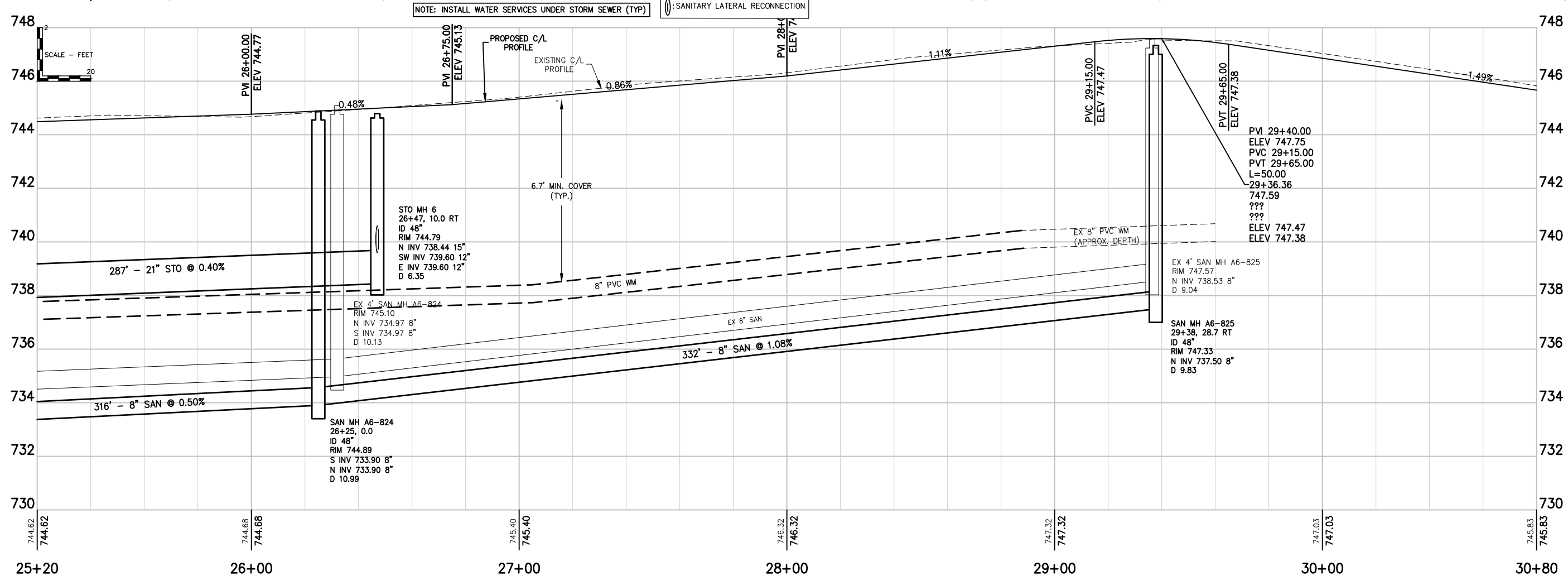
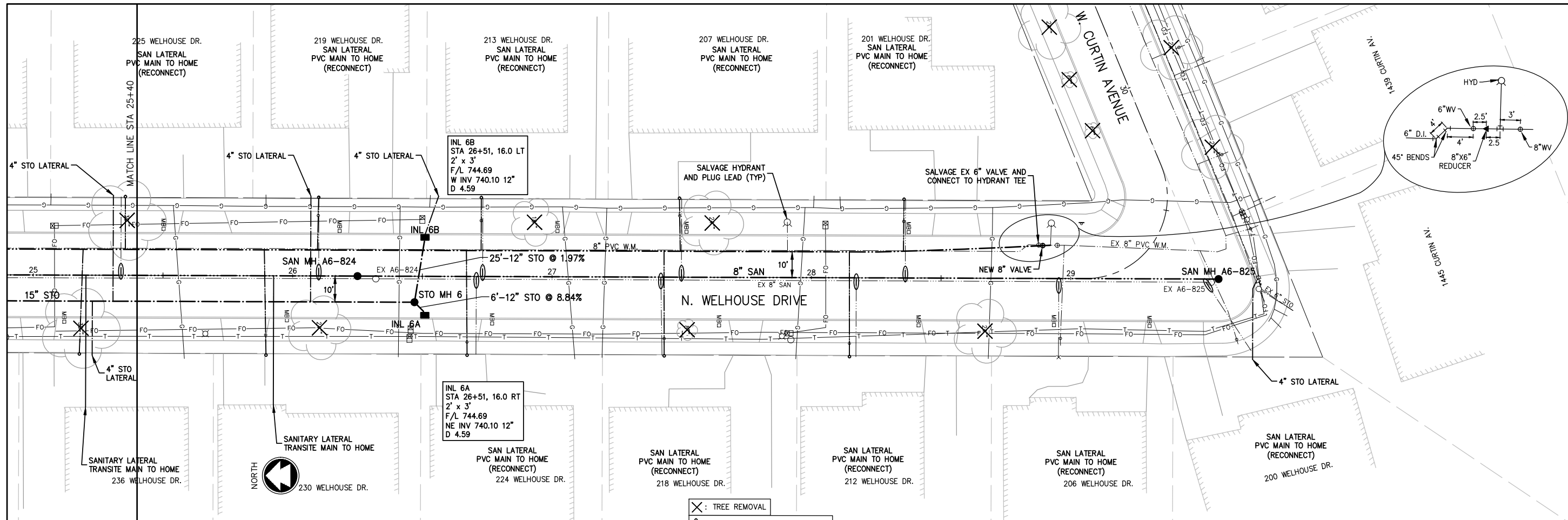
2. Tree Removal

- a. Regardless of the mini-storm installation method selected, tree removal and full stump grubbing shall be required as shown on the plans. Turf restoration associated with tree removal shall be included in the lump sum bid item for tree removal.

END OF SECTION

ADDITIONAL SPECIAL PROVISIONS

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NO.	DATE	REVISION
1	3/8/24	STO LAT TO 200, 213, 219 WELHOUSE DR

WELHOUSE DRIVE & CURTIN AVENUE UTILITIES
VILLAGE OF KIMBERLY, OUTAGAMIE CO., WI
WELHOUSE DRIVE

DESIGNED BDW	DRAWN RRS
PROJECT NO. K0001 09-23-00727	
DATE 2024	
SHEET NO. 06R	