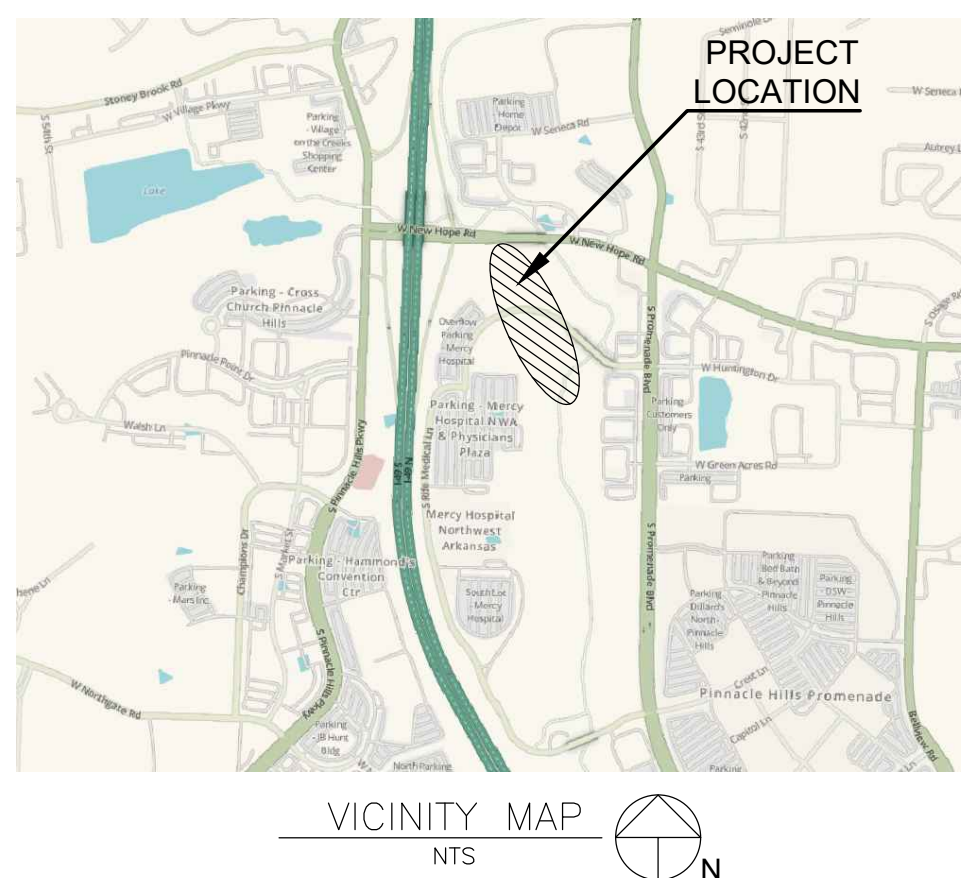
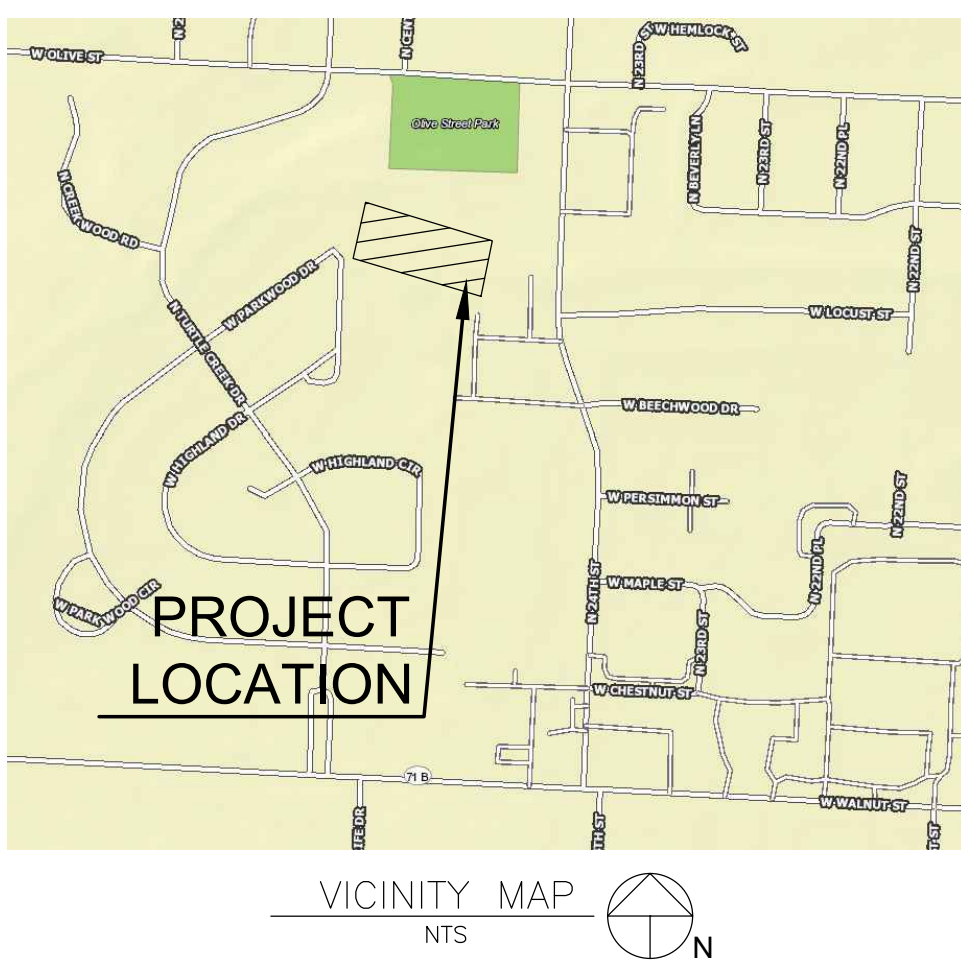


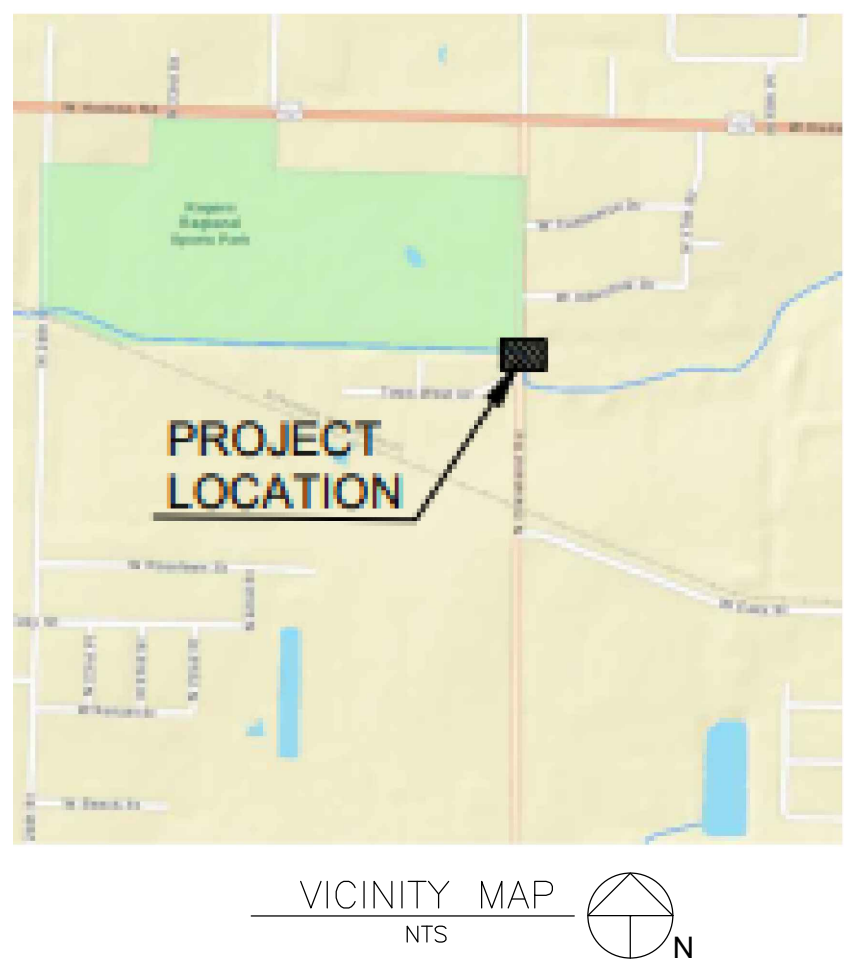
2023 LARGE DIAMETER SEWER REHAB



BLOSSOM WAY SANITARY SEWER PHASE III



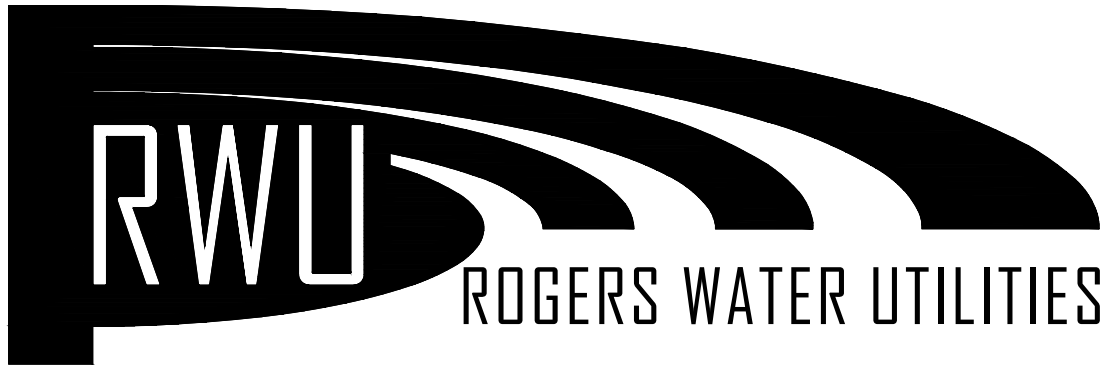
TURTLE CREEK 24" SEWER MAINS



DIXIELAND-TOWN WEST 21" SEWER POINT REPAIR

SHEET INDEX

- 2 BLOSSOM WAY 30" STA 0+00 TO STA 6+00
- 3 BLOSSOM WAY 30" STA 6+00 TO STA 11+50
- 4 TURTLE CREEK 24" STA 0+00 TO STA 5+00
- 5 TURTLE CREEK 24" STA 5+00 TO STA 9+73.92
- 6 N DIXIELAND ROAD 21" SEWER POINT REPAIR
- SD-1 SEWER DETAILS

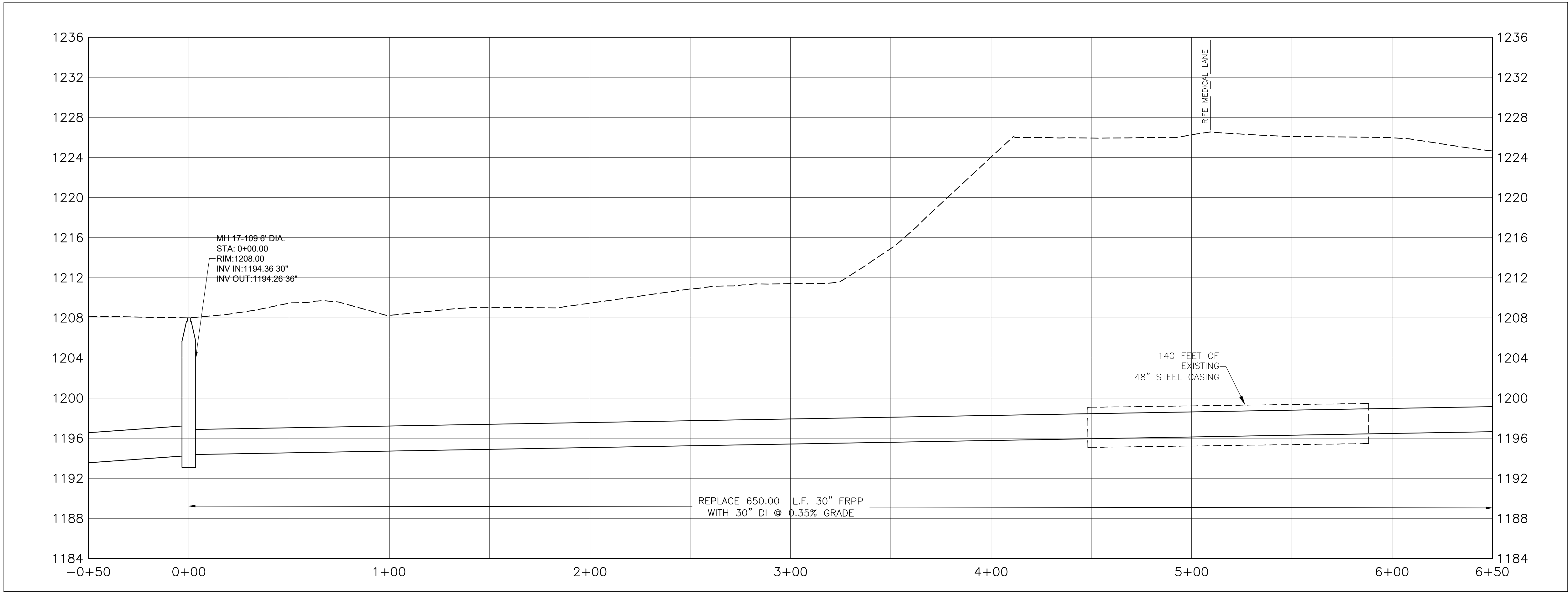
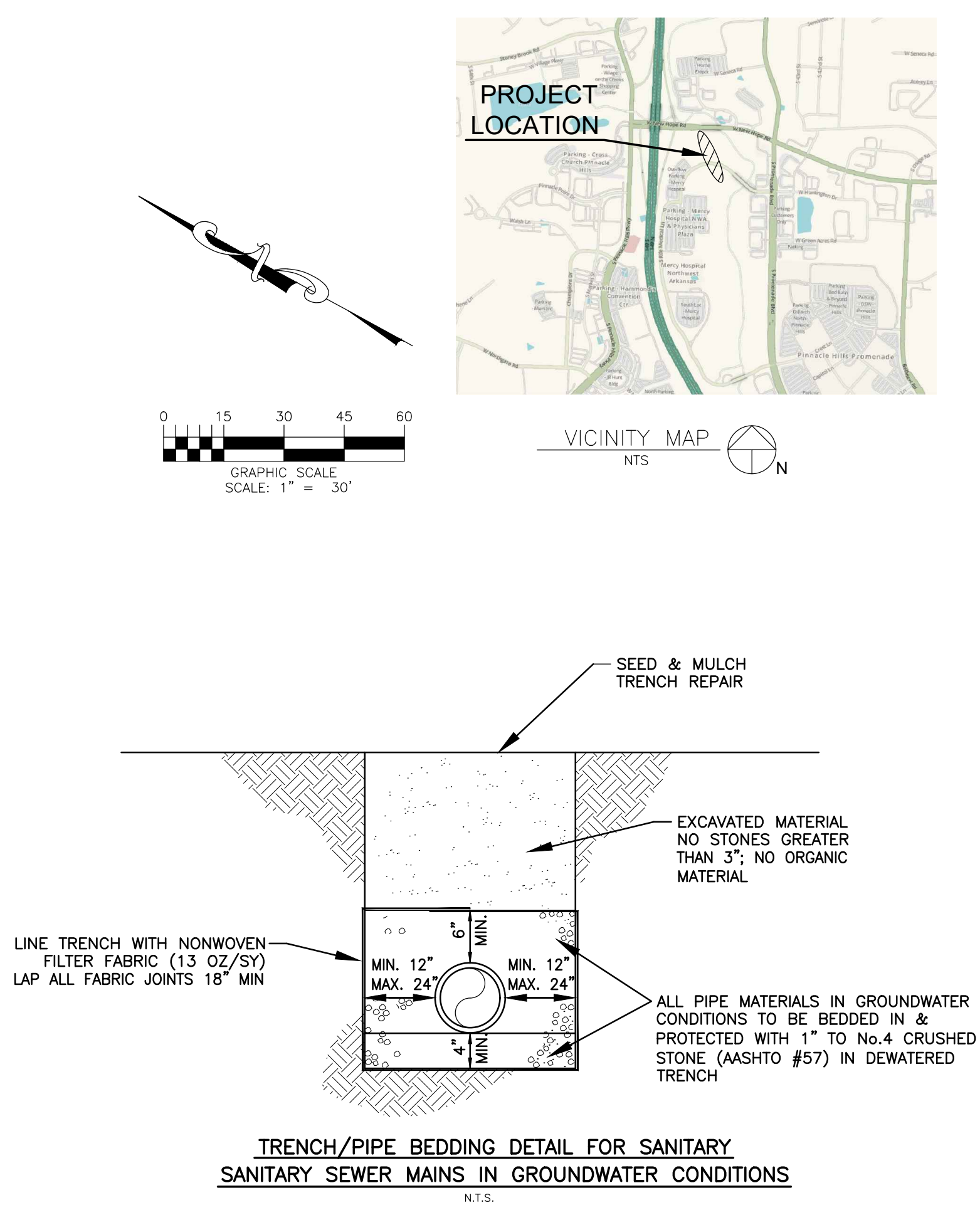


P.O. DRAWER 338
OFFICE - 601 SOUTH 2ND ROGERS, ARKANSAS
72757-0338



PLAN 30" SEWER LINE

SCALE: HORIZ 1"=30'



PROFILE 30" SEWER LINE

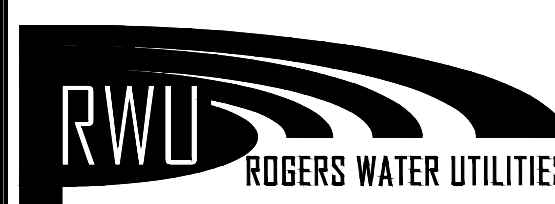
SCALE: HORIZ 1"=30' / VERT 1"= 6'



Call before you Dig
Avoid cutting underground utility lines. It's costly.

REPAIR OF
BLOSSOM WAY
SANITARY SEWER
INTERCEPTER

PLAN & PROFILE
STA. 0+00 TO 6+00



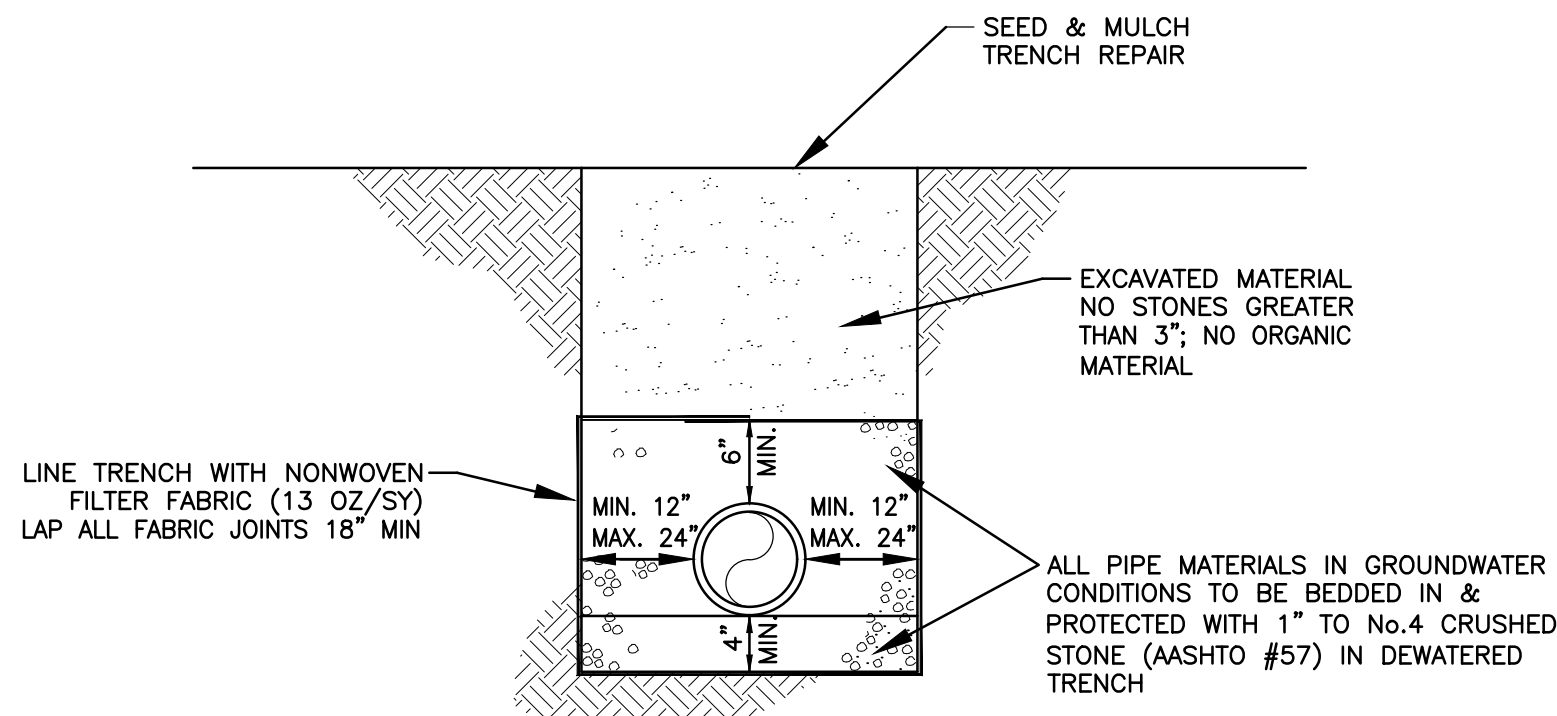
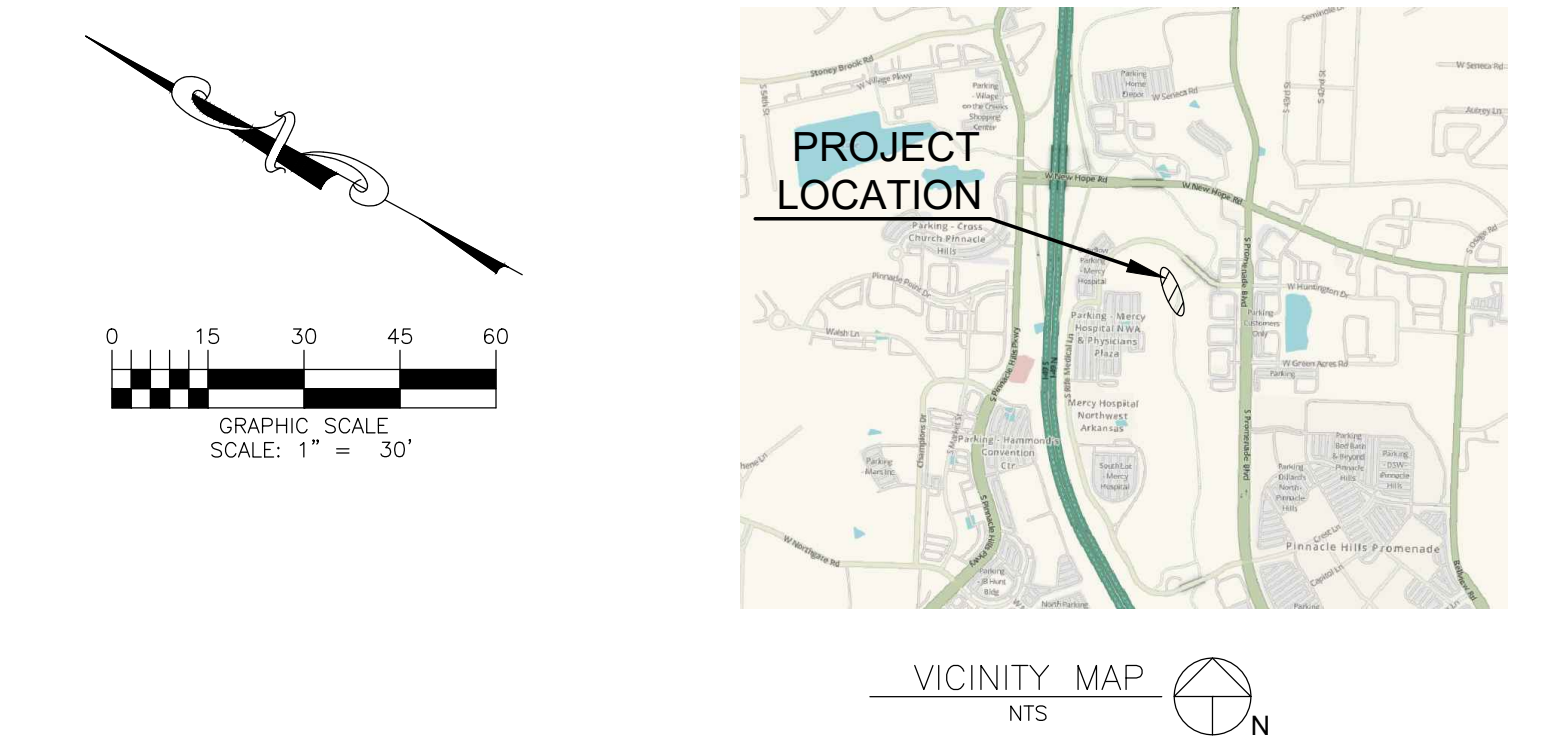
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OFFICE - 601 SOUTH 2ND ROGERS, ARKANSAS
72757-0338

DRAWN BY: KRM	DATE: 09/20/2022	SHEET NO. 2
CHECKED BY: ABS	PROJECT NUMBER:	



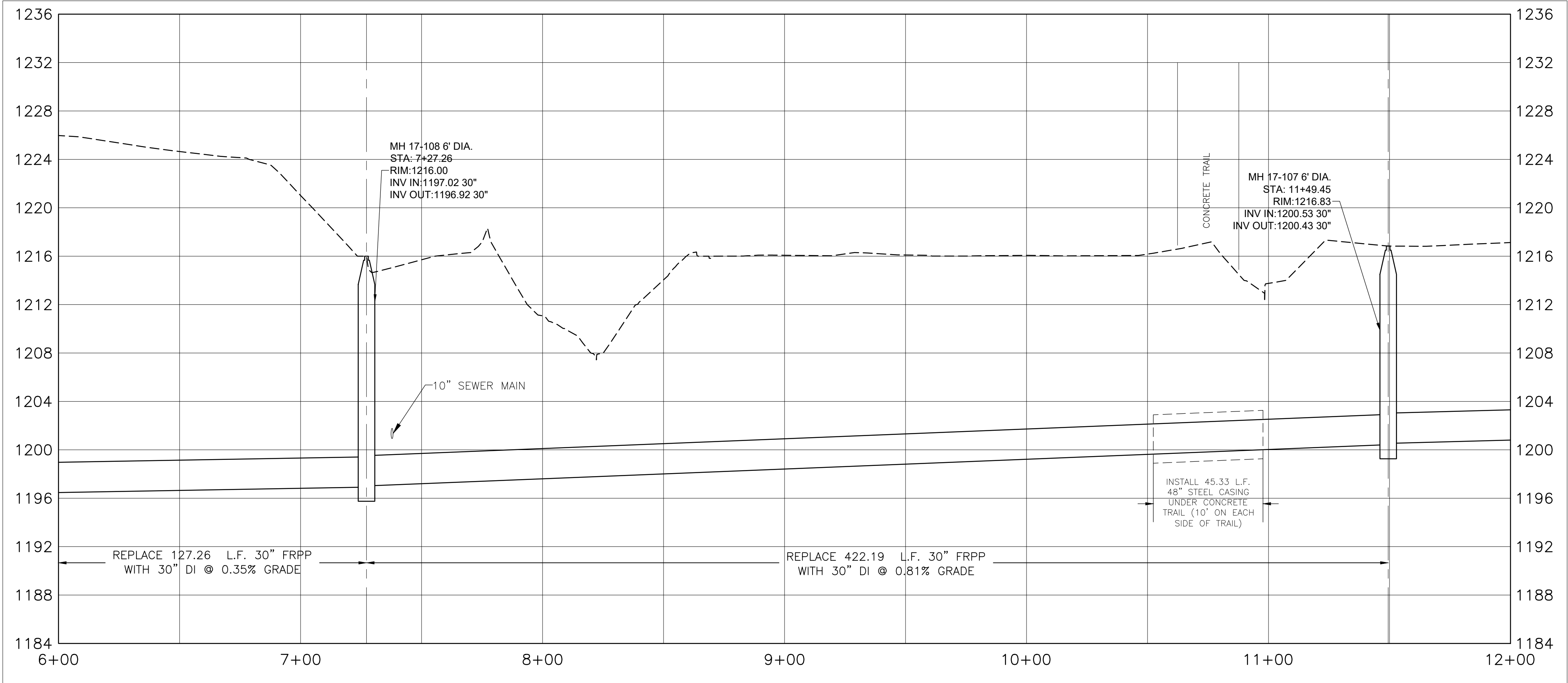
PLAN 30" SEWER LINE

SCALE: HORIZ 1"=30'



TRENCH/PIPE BEDDING DETAIL FOR SANITARY
SANITARY SEWER MAINS IN GROUNDWATER CONDITIONS

N.T.S.



PROFILE 30" SEWER LINE

SCALE: HORIZ 1"=30' / VERT 1"= 6'



Call before you Dig
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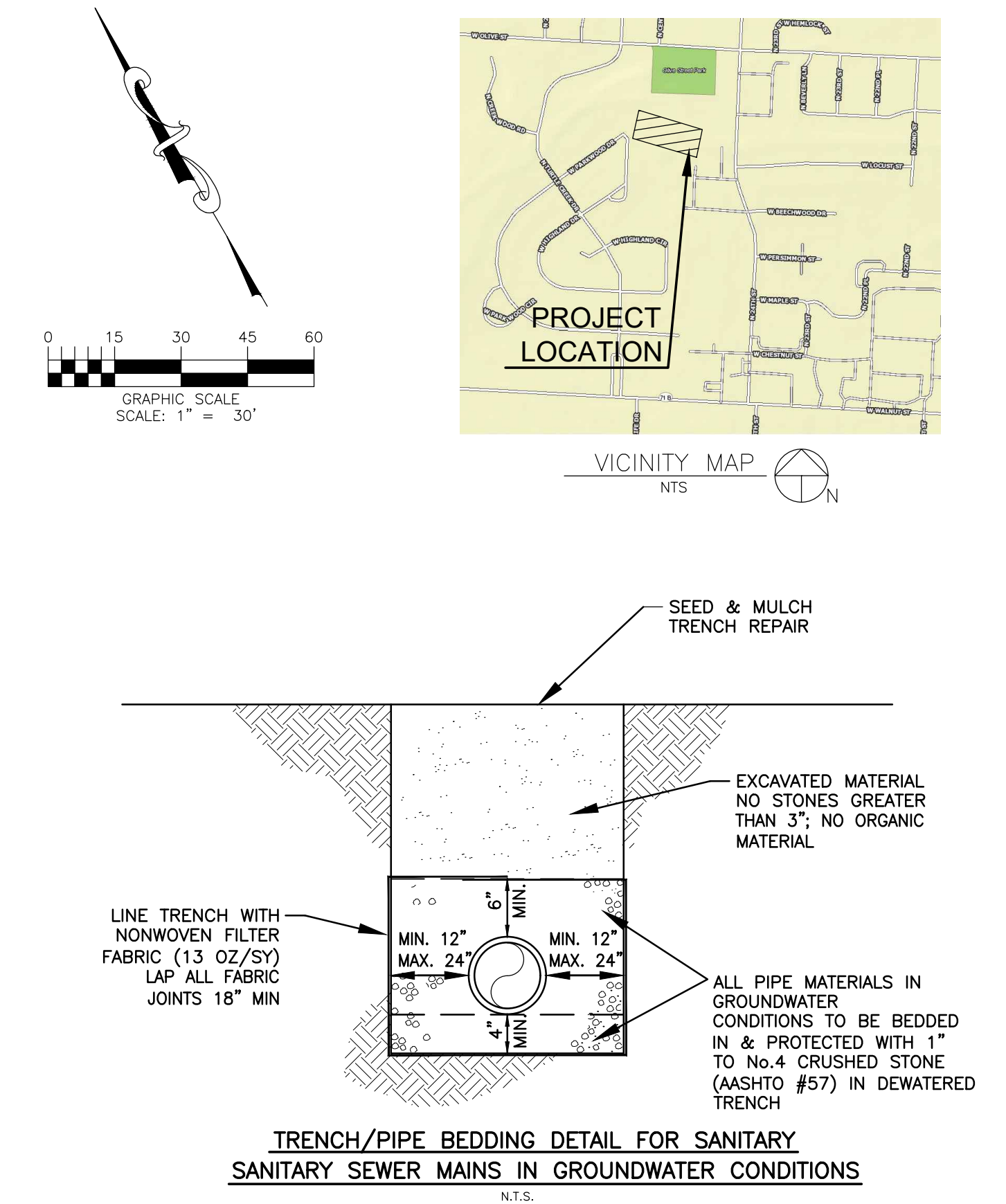
REPAIR OF
BLOSSOM WAY
SANITARY SEWER
INTERCEPTER

PLAN & PROFILE
STA. 6+00 TO 11+50



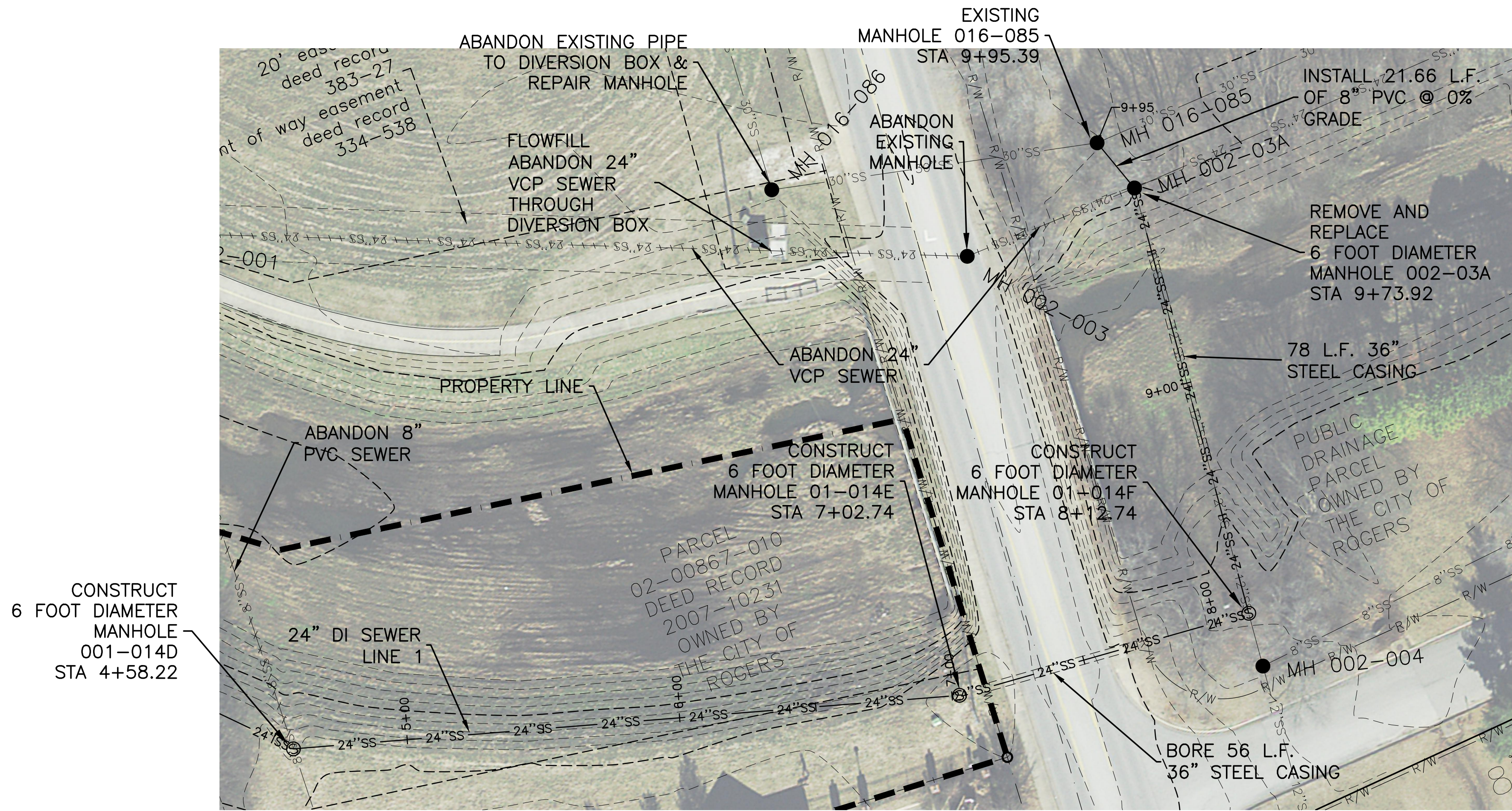
P.O. DRAWER 338
OFFICE - 601 SOUTH 2ND ROGERS, ARKANSAS
72757-0338

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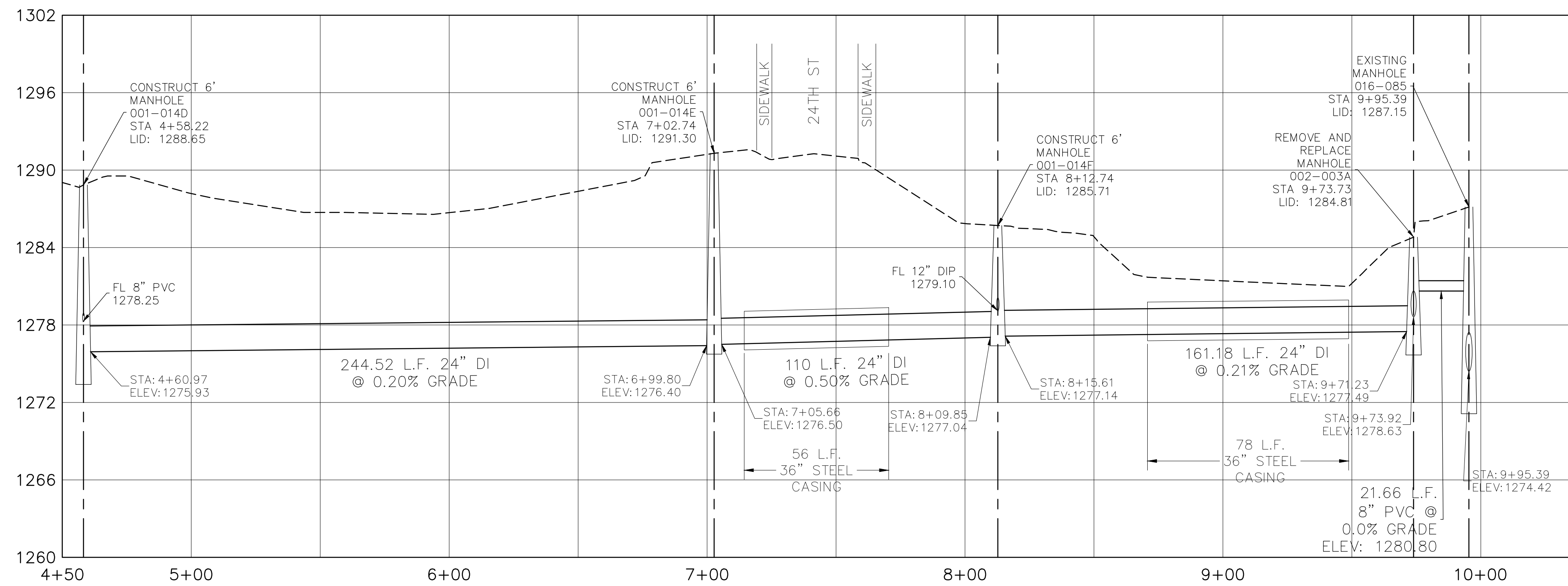
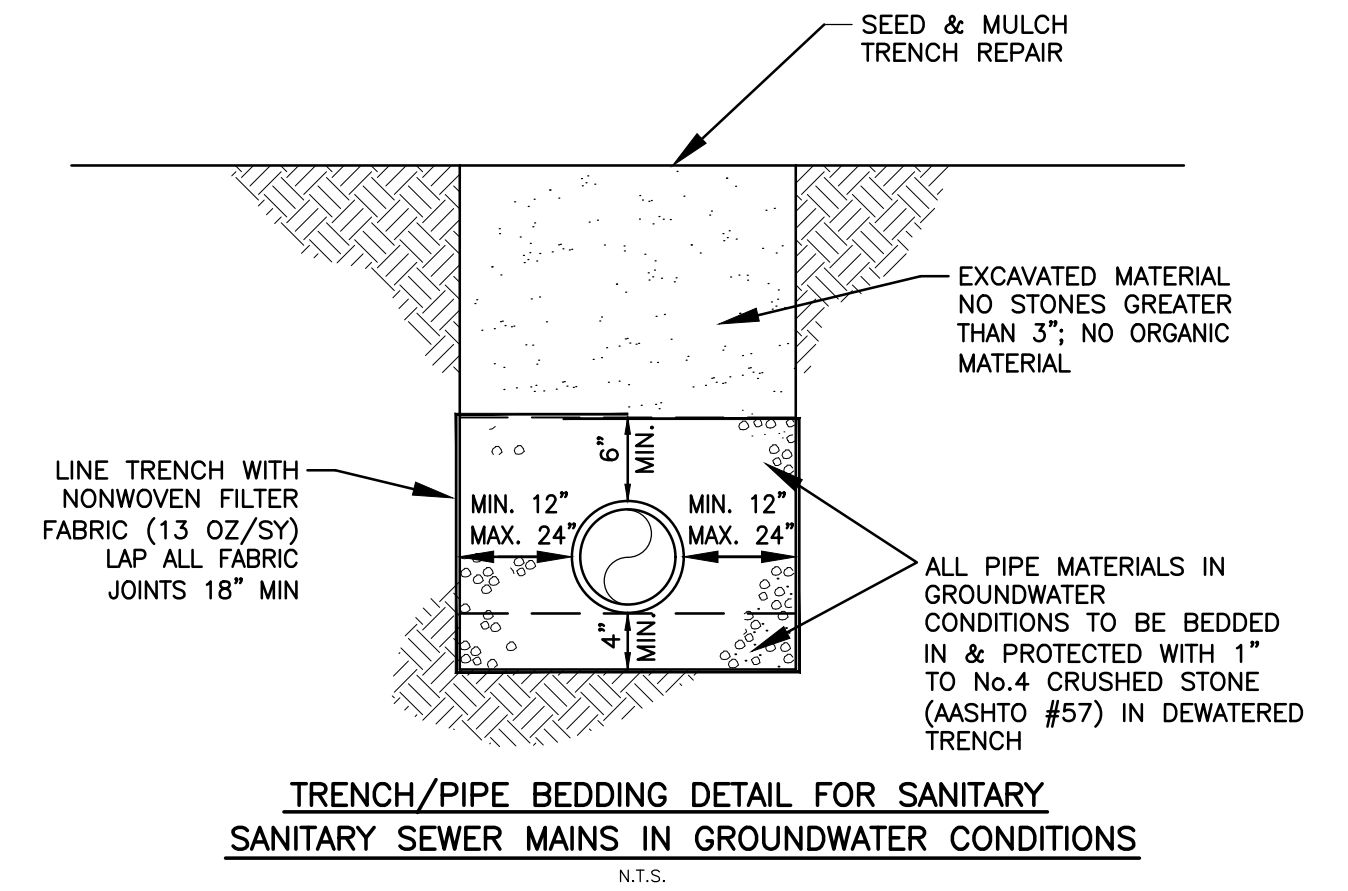
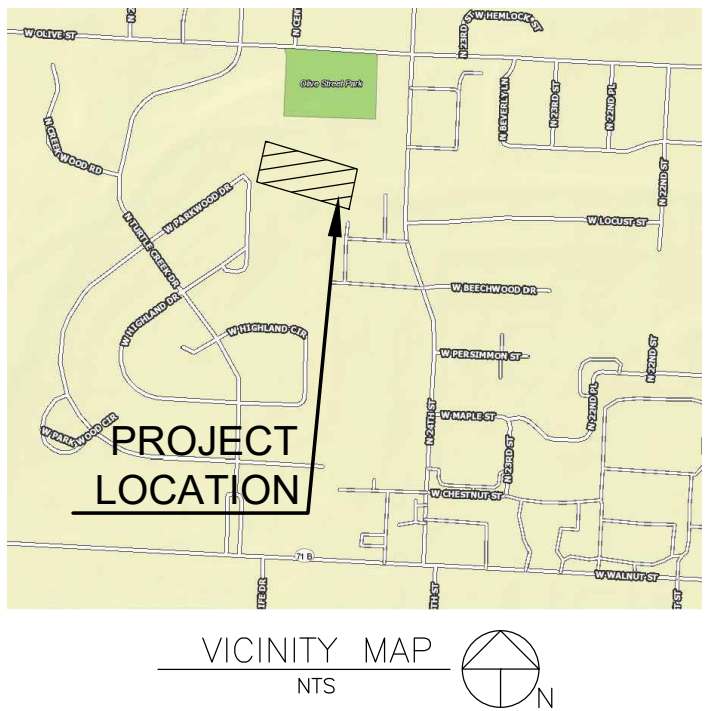
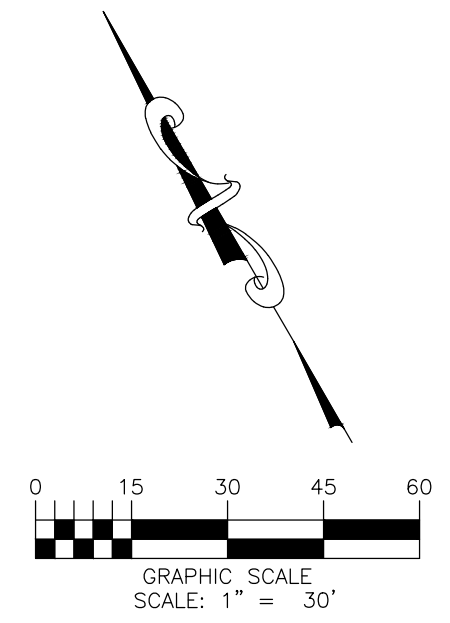


PROFILE 24" SEWER LINE 1 STA 0+00 to 5+00
SCALE: HORIZ 1"=30' / VERT 1"= 6'





PLAN 24" SEWER LINE 1 5+00 to 9+95.39
SCALE: HORIZ 1"=30'



PROFILE 24" SEWER LINE 1 STA 5+00 to 9+95.39
SCALE: HORIZ 1"=30' / VERT 1"= 6'



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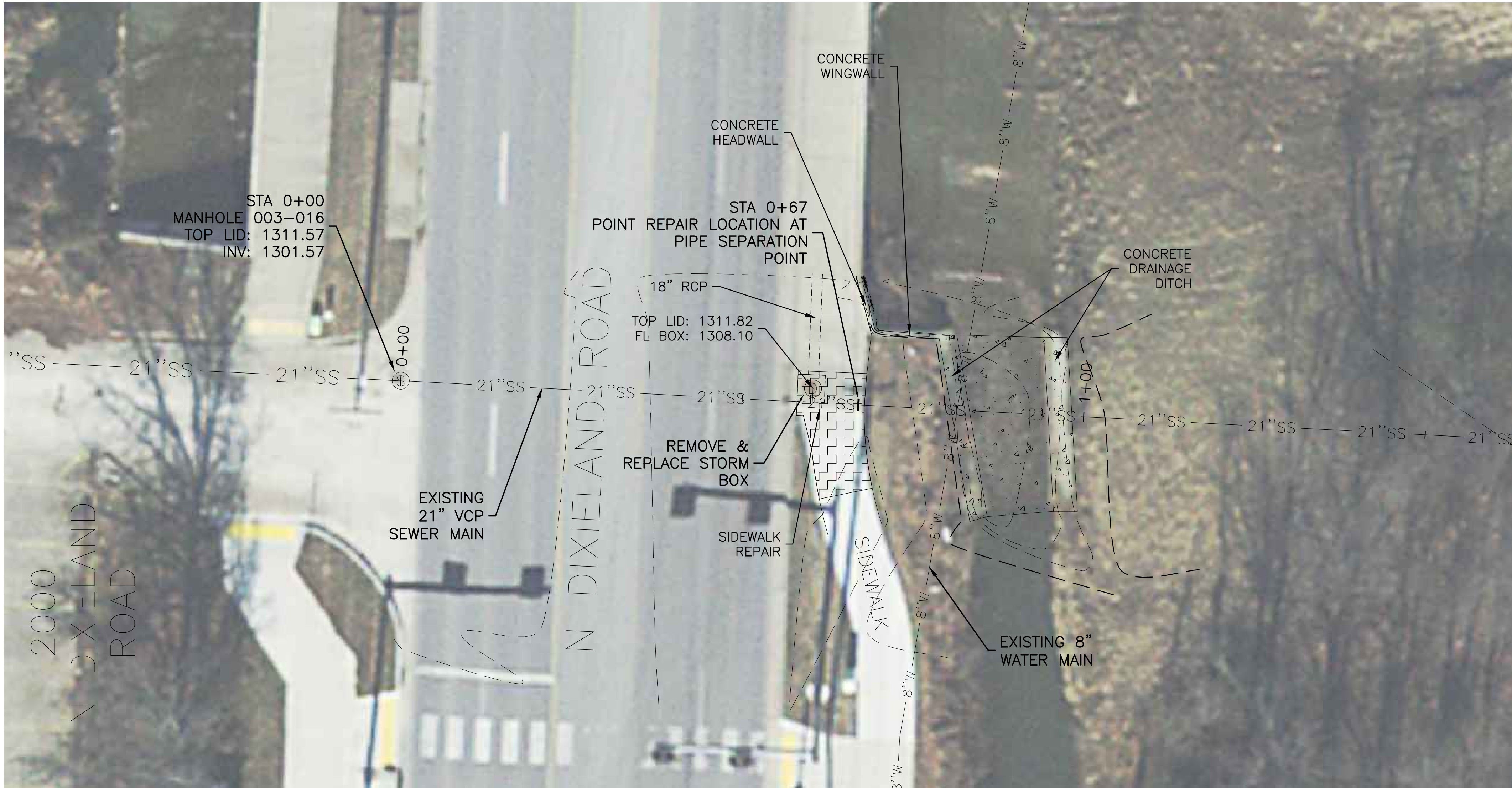
REPAIR OF
TURTLE CREEK
SANITARY SEWER

PLAN & PROFILE
24" SEWER MAIN 1
STA. 5+00 TO 9+73.92

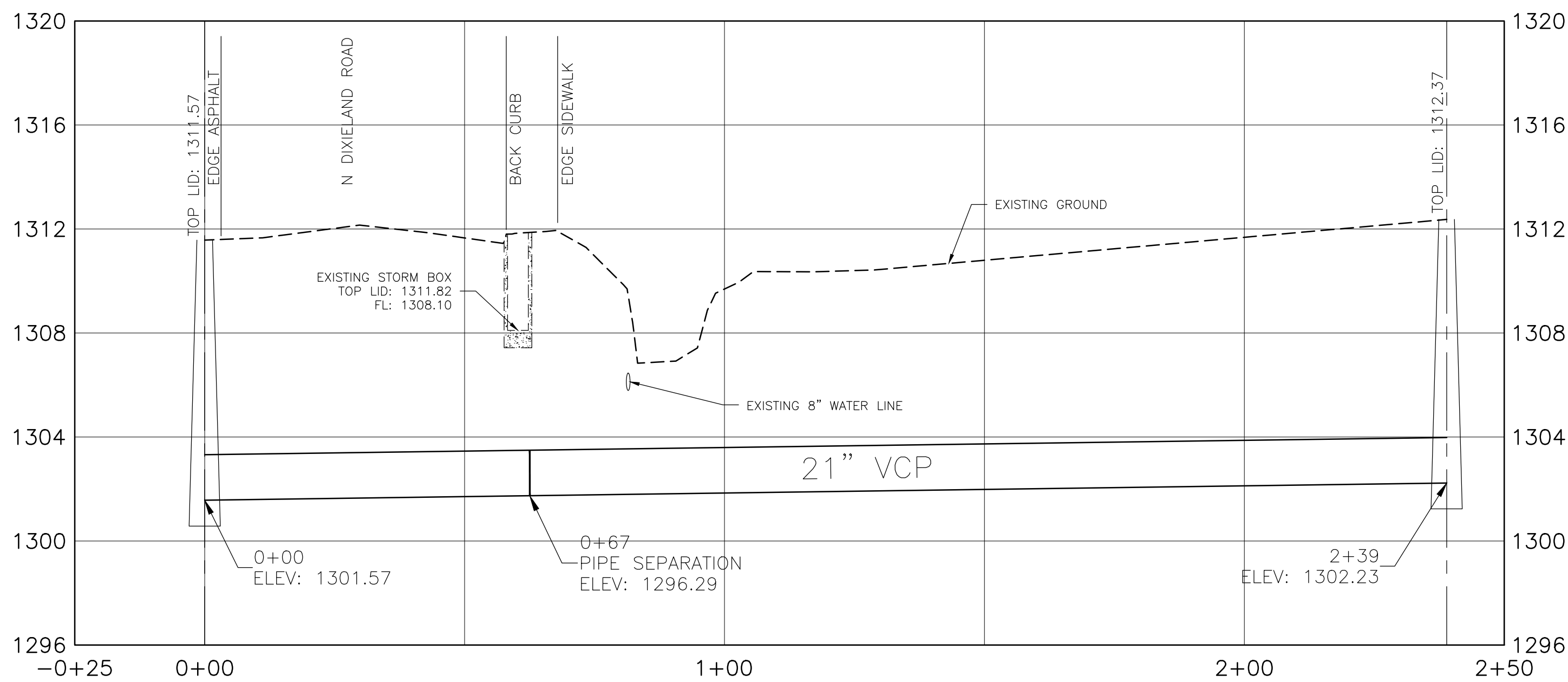


P.O. DRAWER 338
OFFICE - 601 SOUTH 2ND ROGERS, ARKANSAS
72757-0338

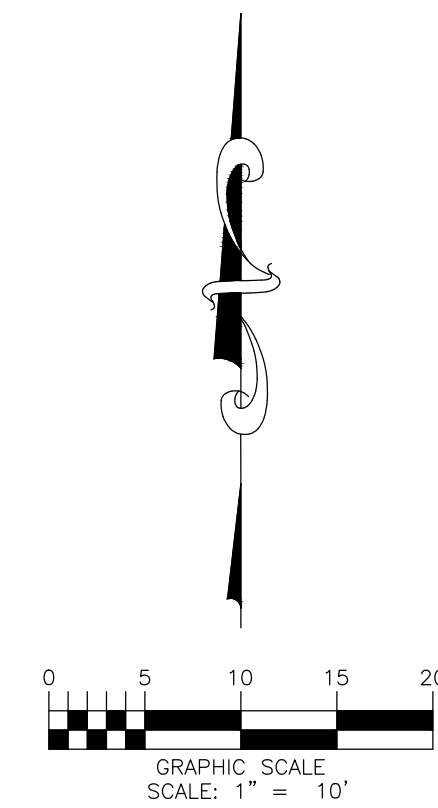
DRAWN BY: KRM	DATE: 09/20/2022	SHEET NO. 5
CHECKED BY: ABS	PROJECT NUMBER:	



PLAN SEWER MAIN STA 0+00 TO 2+39
SCALE: 1"=10'



PROFILE SEWER LINE STA 0+00 TO 2+39
SCALE: HORIZ 1"=20' / VERT 1"= 4'



VICINITY MAP
SCALE: 1" = 1500'

NOTES:

1. THIS PLAN DOES NOT PROPOT TO SHOW THE LOCATIONS OF ALL UNDERGROUND UTILITIES AS PRECISE OR COMPLETE. THE CONTRACTOR SHALL VERIFY DEPTHS & LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
2. LOCATIONS OF SERVICE CROSSINGS ARE SUBJECT TO FIELD CHANGES BY ROGERS WATER UTILITIES
3. THE CONTRACTOR SHALL ADHERE TO ALL RWU STANDARD DETAILS AND SPECIFICATIONS (LATEST EDITION) FOR WORK PERFORMED ON WATER & SEWER UTILITIES.
4. COORDINATE WITH THE ROGERS STREET DEPT. FOR STREET REPAIR AND STORM SEWER IMPROVEMENTS.

LEGEND

EXISTING	PROPOSED
8"W	WATER MAIN
8"SS	SEWER MAIN
2"W	WATER MAIN TO ABANDON
UC/T	UNDERGROUND TELEPHONE
UC/E	UNDERGROUND ELECTRIC
OH/E	OVERHEAD ELECTRIC
GAS	GAS MAIN
W	WIRE FENCE
CL	CHAIN LINK FENCE
WM	WOOD FENCE
GM	GAS METER
WM	WATER METER
FM	FIRE HYDRANT
WV	WATER VALVE
MH	MANHOLE
PP	POWER POLE
PPG	POWER POLE W/ GUY
RM	ROW MONUMENT
FIP	FOUND IRON PIN/PIPE
S	SIGN
PR	PAVING REPAIR



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N DIXIELAND ROAD
21" SEWER
POINT REPAIR

PLAN & PROFILE
SEWER LINE
STA 0+00 TO 2+39



P.O. DRAWER 338
OFFICE - 601 SOUTH 2ND ROGERS, ARKANSAS
72757-0338

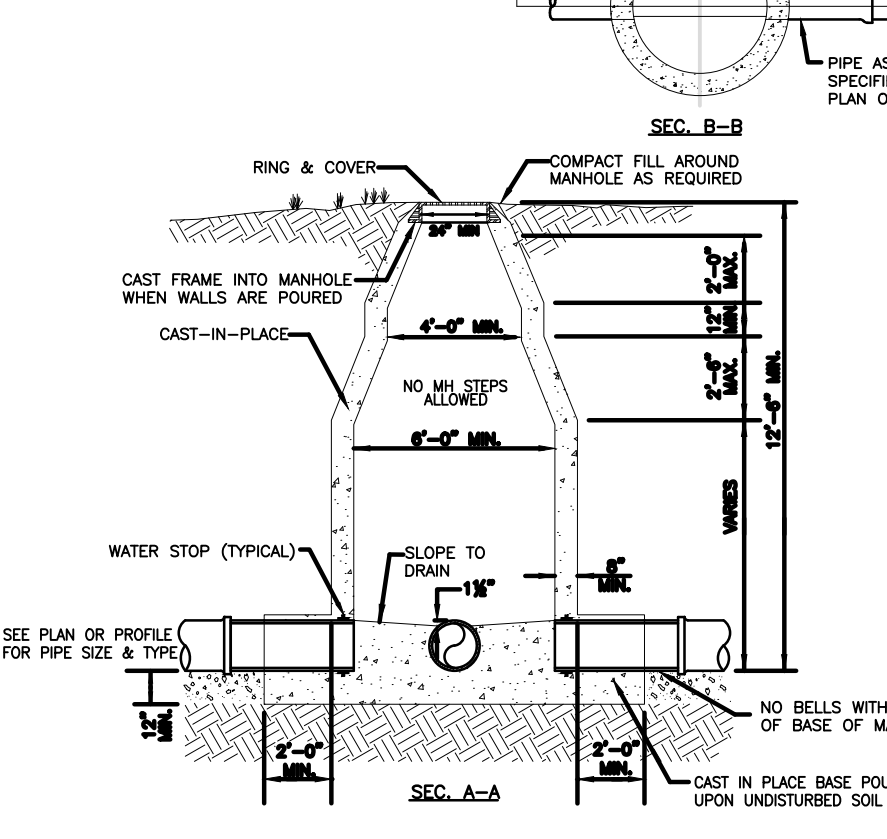
DRAWN BY:	DATE:	SHEET NO.
KRM	02/29/2022	6
CHECKED BY:	PROJECT NUMBER:	
ABS		

NOTES:

1. A MANHOLE BARREL CONSTRUCTION JOINT IS ALLOWED WITHIN A STRAIGHT WALL SEGMENT OF THE BARREL AT 12'-0" ABOVE THE MANHOLE BASE AND SHALL HAVE A KEY WAY AND #4 REINBAR AT 12'-0" ON CENTERS WITH 15' MINIMUM. A WATER STOP SHALL BE USED IF DIRECTED BY THE UTILITY.
2. THE BASE AND WALLS SHALL BE POURED MONOLITHICALLY.
3. THE CENTERLINE OF ALL PIPES ENTERING AND LEAVING MANHOLE SHALL PASS THROUGH THE CENTER OF THE MANHOLE.
4. MANHOLES THAT ARE LESS THAN 12" IN DEPTH SHALL BE INDIVIDUALLY DESIGNED PER LOCATION CONDITIONS AND MUST BE APPROVED BY THE UTILITY.
5. POUR OUTSIDE MANHOLE BASE SO THAT THE TOP OF OUTSIDE BASE IS EVEN OR 2-INCH ABOVE THE CROWN OF THE PIPES ENTERING THE MANHOLE BASE. EXTEND MANHOLE BASE AND WALLS WITH A KEY WAY AND #4 REINBAR AT 12'-0" ON CENTERS WITH 15' MINIMUM.
6. CONCRETE FLOW CHANNEL FOR ALL PIPES ENTERING MANHOLE, INCLUDING SERVICES, SLOPE CHANNELS TO MATCH PIPE INVERTS.
7. THE TOP OF MANHOLE TO BE LEVEL WITH FINISHED GRADE, UNLESS OTHERWISE NOTED OR DIRECTED BY THE UTILITY.
8. BRUSH FINISH SURFACE OF CONCRETE AND REMOVE ALL SHARP EDGES.

NOTES:

1. THE UTILITY MUST APPROVE THE USE OF A DROP MANHOLE AND IF APPROVED, THE DROP MANHOLE ASSEMBLY IS ONLY ALLOWED IN THE 6'-0" BARREL SECTION.
2. THE SERVICE SEWER PIPE CROWN ELEVATION ENTERING THE MANHOLE SHALL MATCH THE PIPE CROWN ELEVATION OF THE EXISTING SEWER MAIN.



6 FT. CAST-IN-PLACE SANITARY SEWER MANHOLE DETAIL

N.T.S.

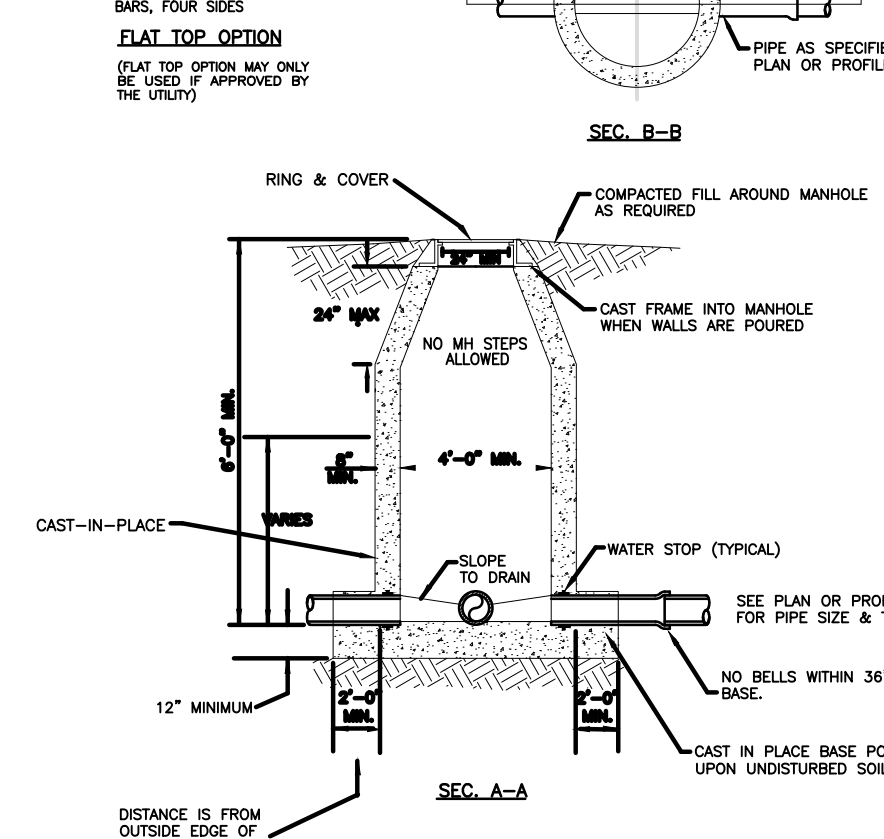
SD-1
1
REV. 01/2022

NOTES:

1. A MANHOLE BARREL CONSTRUCTION JOINT IS ALLOWED WITHIN A STRAIGHT WALL SEGMENT OF THE BARREL AT 12'-0" ABOVE THE MANHOLE BASE AND SHALL HAVE A KEY WAY AND #4 REINBAR AT 12'-0" ON CENTERS WITH 15' MINIMUM. A WATER STOP SHALL BE USED IF DIRECTED BY THE UTILITY.
2. THE BASE AND WALLS SHALL BE POURED MONOLITHICALLY.
3. THE CENTERLINE OF ALL PIPES ENTERING AND LEAVING MANHOLE SHALL PASS THROUGH THE CENTER OF THE MANHOLE.
4. MANHOLES THAT ARE LESS THAN 4'-0" IN DEPTH SHALL BE INDIVIDUALLY DESIGNED PER LOCATION CONDITIONS AND MUST BE APPROVED BY THE UTILITY.
5. POUR OUTSIDE MANHOLE BASE SO THAT THE TOP OF OUTSIDE BASE IS EVEN OR 2-INCH ABOVE THE CROWN OF THE PIPES ENTERING THE MANHOLE BASE. EXTEND MANHOLE BASE AND WALLS WITH A KEY WAY AND #4 REINBAR AT 12'-0" ON CENTERS WITH 15' MINIMUM.
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8. BRUSH FINISH SURFACE OF CONCRETE AND REMOVE ALL SHARP EDGES.

NOTES:

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2. THE SERVICE SEWER PIPE CROWN ELEVATION ENTERING THE MANHOLE SHALL MATCH THE PIPE CROWN ELEVATION OF THE EXISTING SEWER MAIN.



4 FT. CAST-IN-PLACE SANITARY SEWER MANHOLE DETAIL

N.T.S.

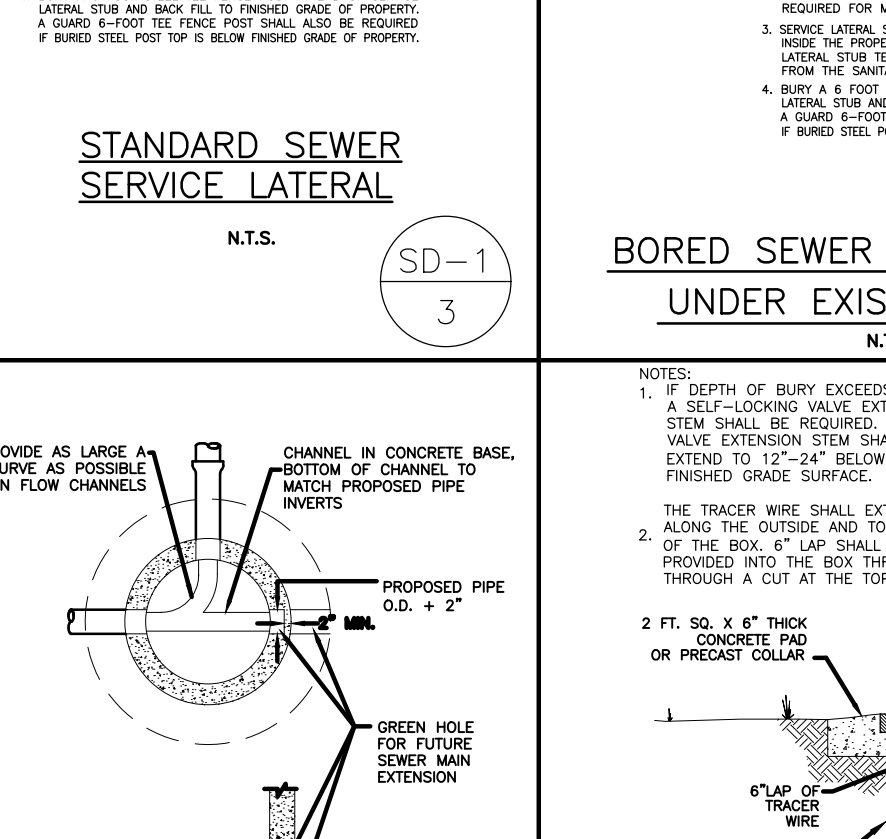
SD-1
2
REV. 05/2021

NOTES:

1. MODIFIED RISER LATERAL SHALL BE USED WHEN DEPTH OF COVER EXCEEDS 7'-0".
2. PROVIDE LATERAL DEPTH OF COVER 7' CRUSHED STONE FOR DEPTH OF COVER EXCEEDS 7'-0".
3. SERVICE LATERAL SHALL TERMINATE AT LEAST 2 FEET FROM THE PROPERTY LINE BUT IN NO CASE SHALL THE SERVICE LATERAL DEPTH EXCEED 4' AT A DISTANCE LESS THAN 8 FEET FROM THE SANITARY SEWER MAIN.
4. BURY A 4'-0" DEEP STEEL TEE FENCE POST AT END OF SERVICE LATERAL. STEEL WIRE SHALL BE USED TO BRACE GRADE OF PROPERTY.
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STANDARD SEWER SERVICE LATERAL

N.T.S.

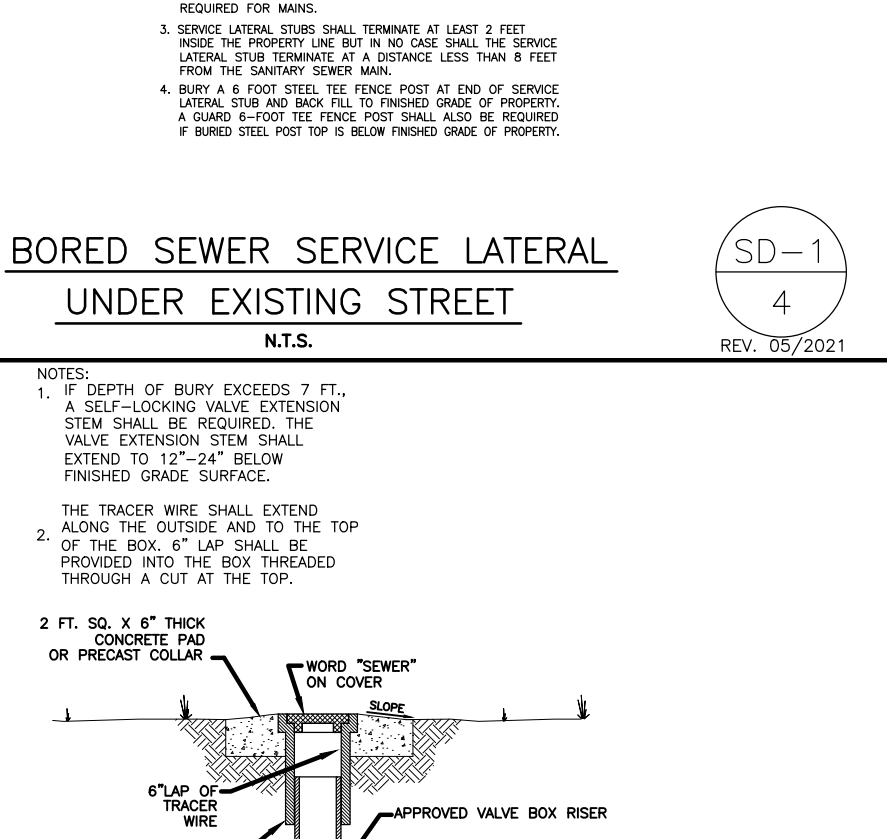
SD-1
3
REV. 05/2021

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BORED SEWER SERVICE LATERAL UNDER EXISTING STREET

N.T.S.

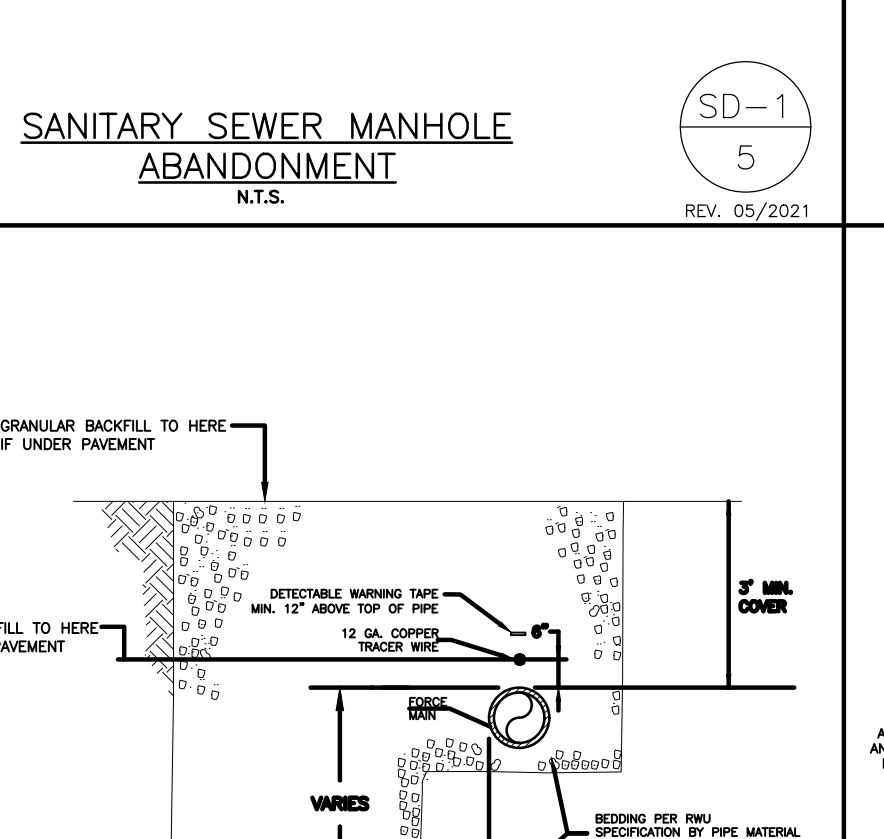
SD-1
4
REV. 05/2021

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SANITARY SEWER MANHOLE ABANDONMENT

N.T.S.

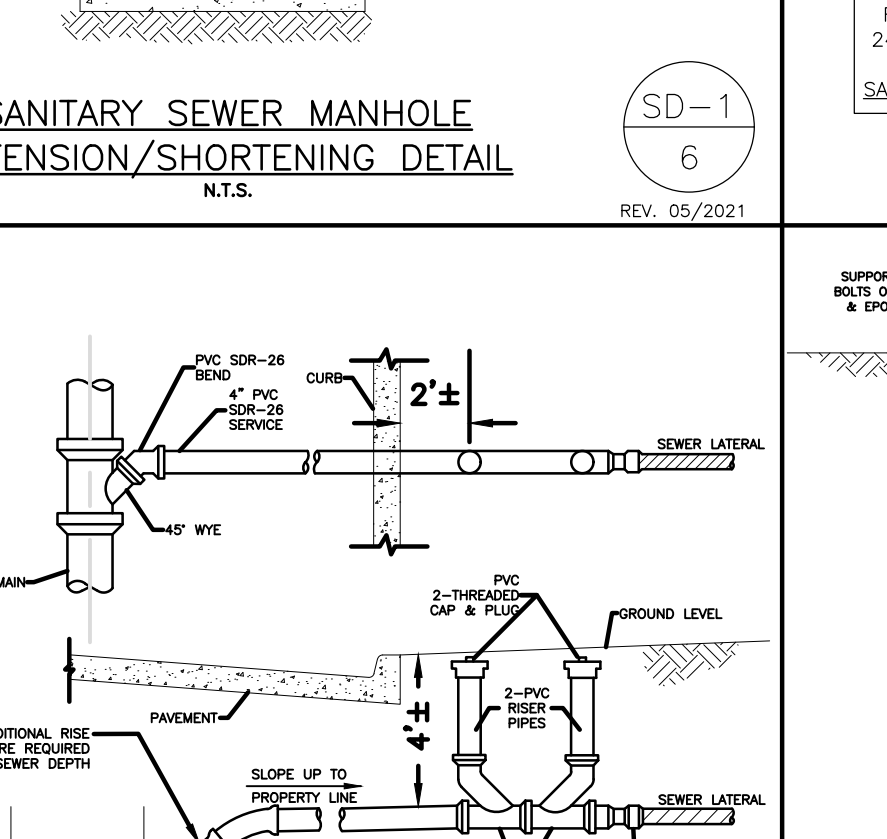
SD-1
5
REV. 05/2021

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SANITARY SEWER MANHOLE EXTENSION/SHORTENING DETAIL

N.T.S.

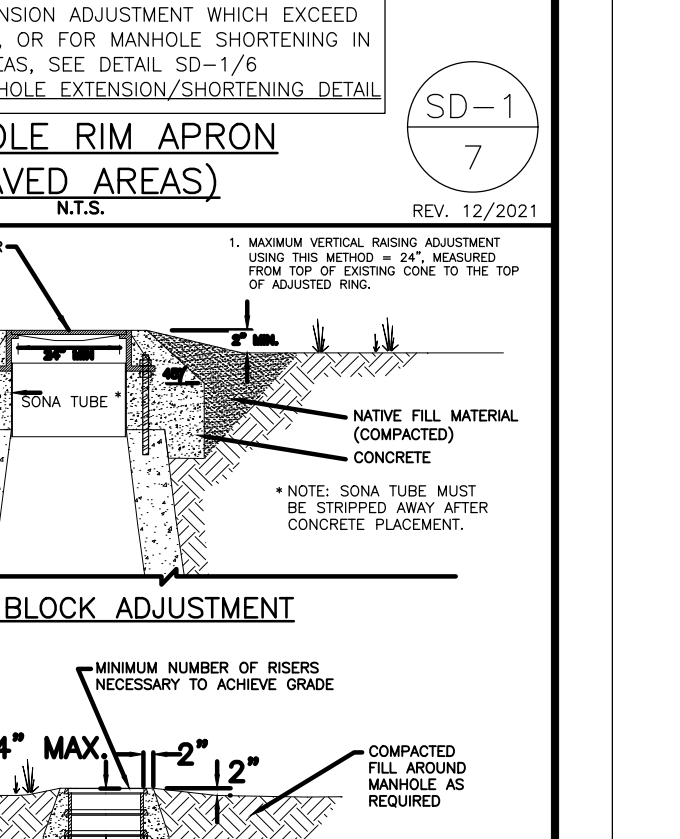
SD-1
6
REV. 05/2021

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6. BURY A 4'-0" DEEP STEEL TEE FENCE POST AT END OF SERVICE LATERAL. STEEL WIRE SHALL BE USED TO BRACE GRADE OF PROPERTY.
7. BURY A 4'-0" DEEP STEEL TEE FENCE POST AT END OF SERVICE LATERAL. STEEL WIRE SHALL BE USED TO BRACE GRADE OF PROPERTY.
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NOTES:

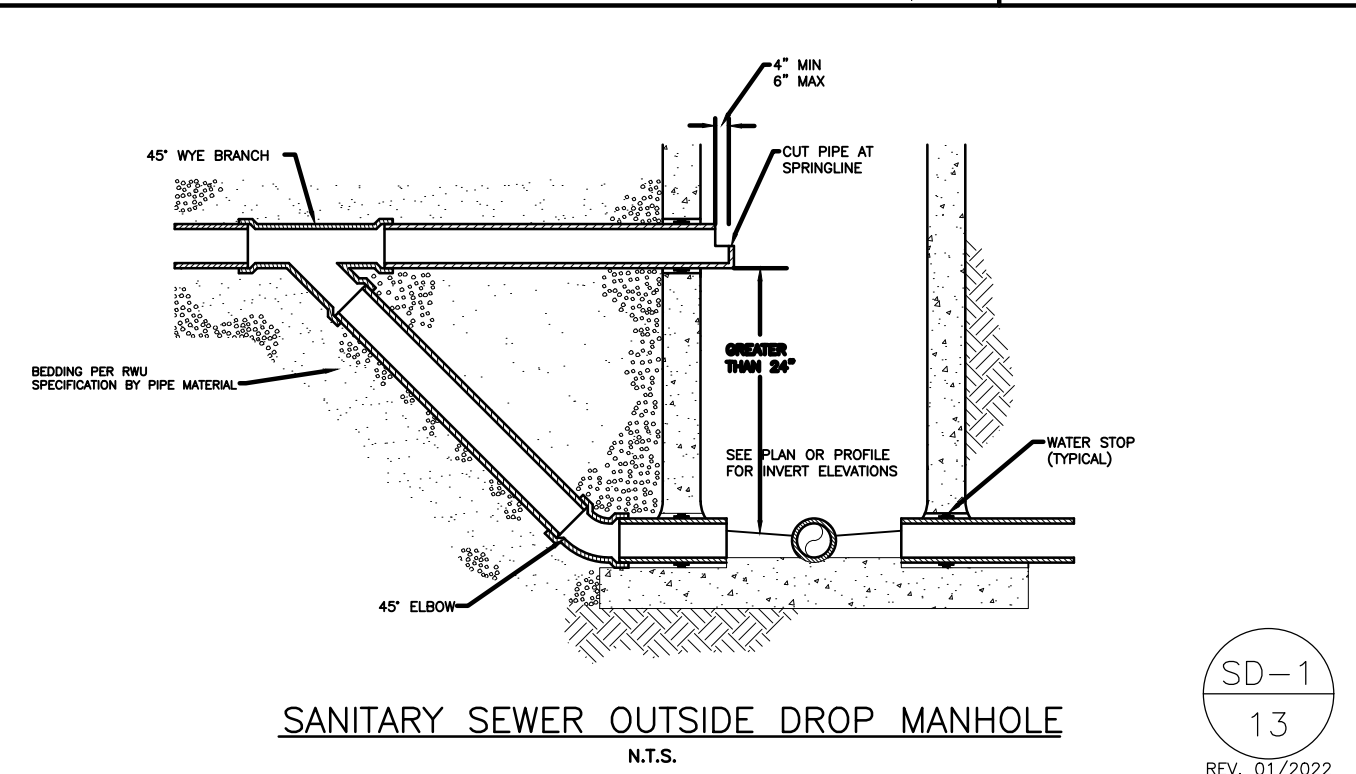
1. MODIFIED RISER LATERAL SHALL BE USED WHEN DEPTH OF COVER EXCEEDS 7'-0".
2. PROVIDE LATERAL DEPTH OF COVER 7' CRUSHED STONE FOR DEPTH OF COVER EXCEEDS 7'-0".
3. SERVICE LATERAL SHALL TERMINATE AT LEAST 2 FEET FROM THE PROPERTY LINE BUT IN NO CASE SHALL THE SERVICE LATERAL DEPTH EXCEED 4' AT A DISTANCE LESS THAN 8 FEET FROM THE SANITARY SEWER MAIN.
4. BURY A 4'-0" DEEP STEEL TEE FENCE POST AT END OF SERVICE LATERAL. STEEL WIRE SHALL BE USED TO BRACE GRADE OF PROPERTY.
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TYPICAL REINFORCEMENT FOR CONCRETE APRON

N.T.S.

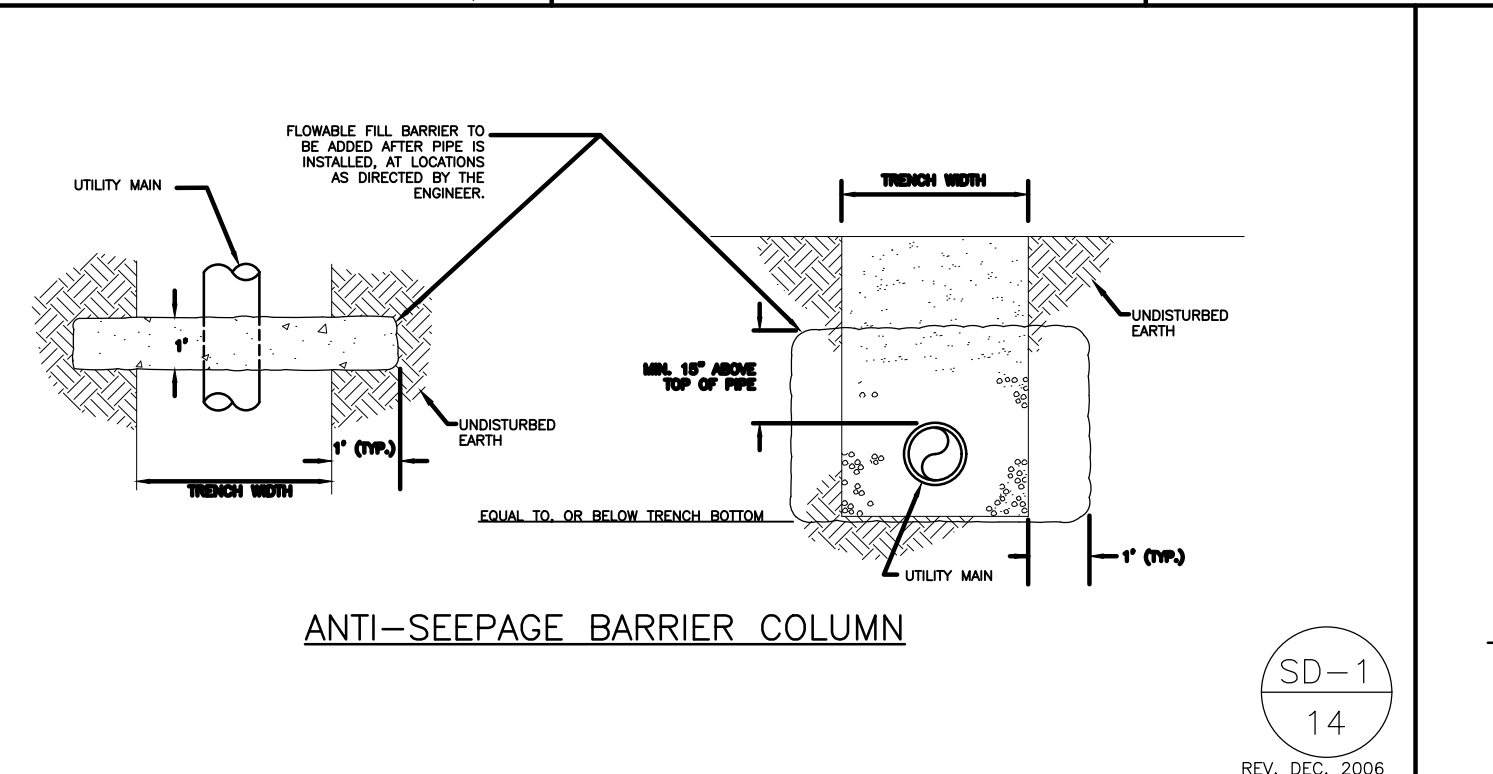
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REV. 12/2021



SANITARY SEWER OUTSIDE DROP MANHOLE

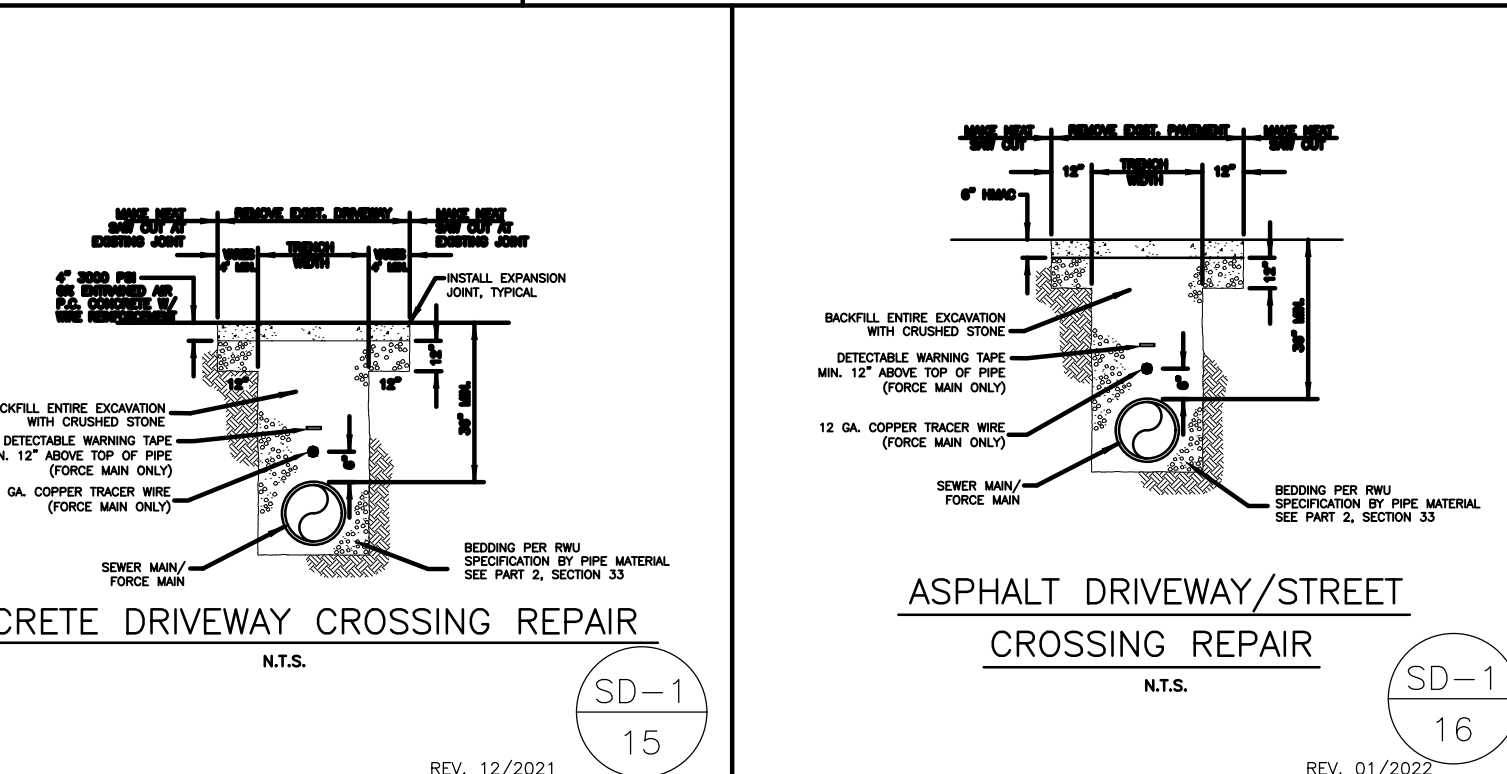
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ANTI-SEEPAGE BARRIER COLUMN

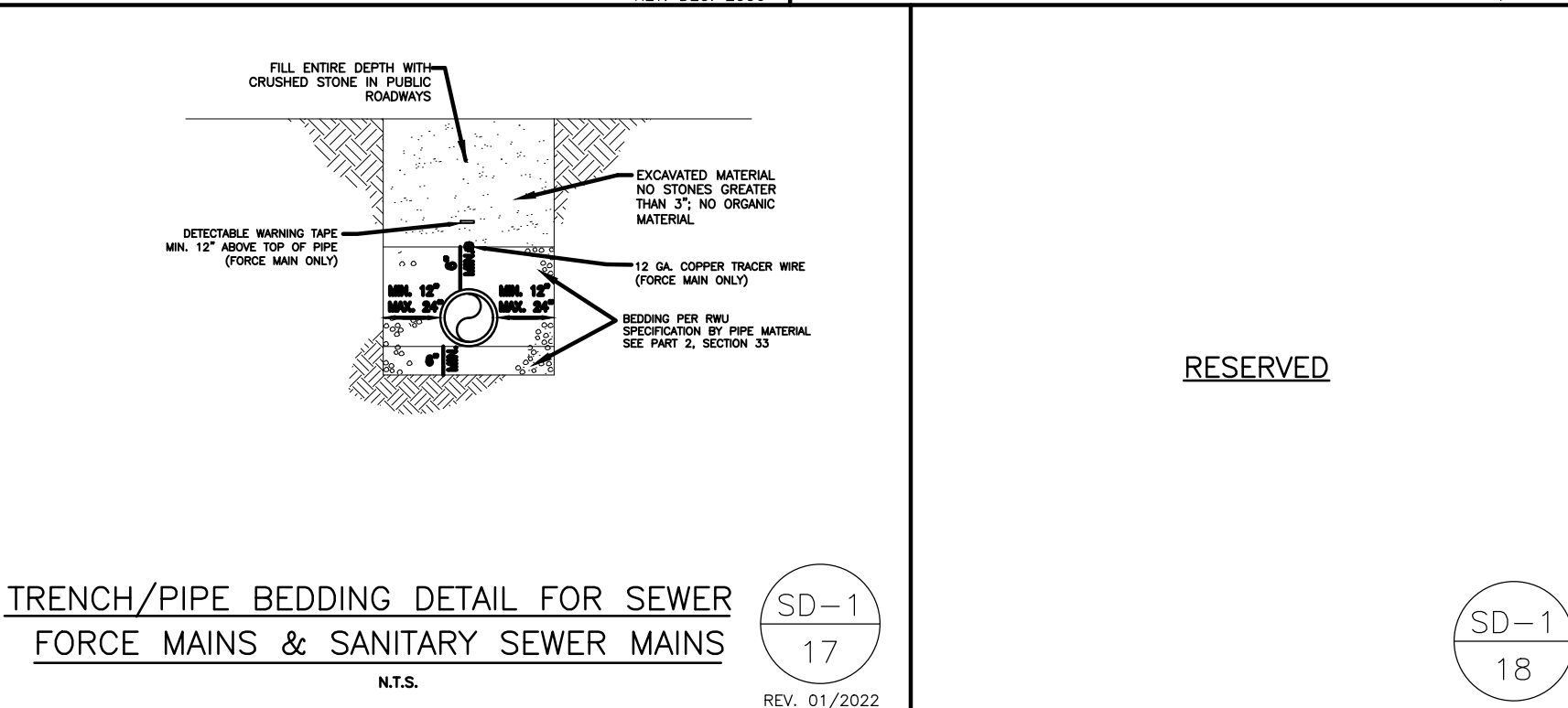
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CONCRETE DRIVEWAY CROSSING REPAIR

N.T.S.

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ASPHALT DRIVEWAY/STREET CROSSING REPAIR

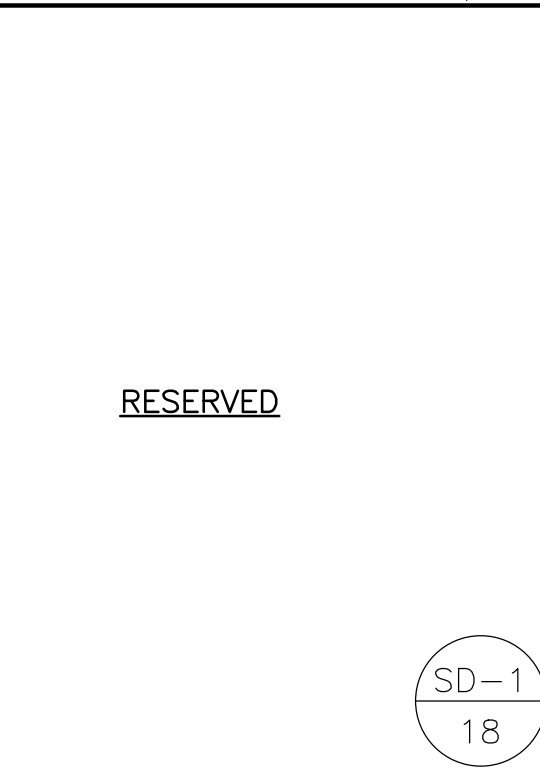
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TRENCH/PIPE BEDDING DETAIL FOR SEWER FORCE MAINS & SANITARY SEWER MAINS

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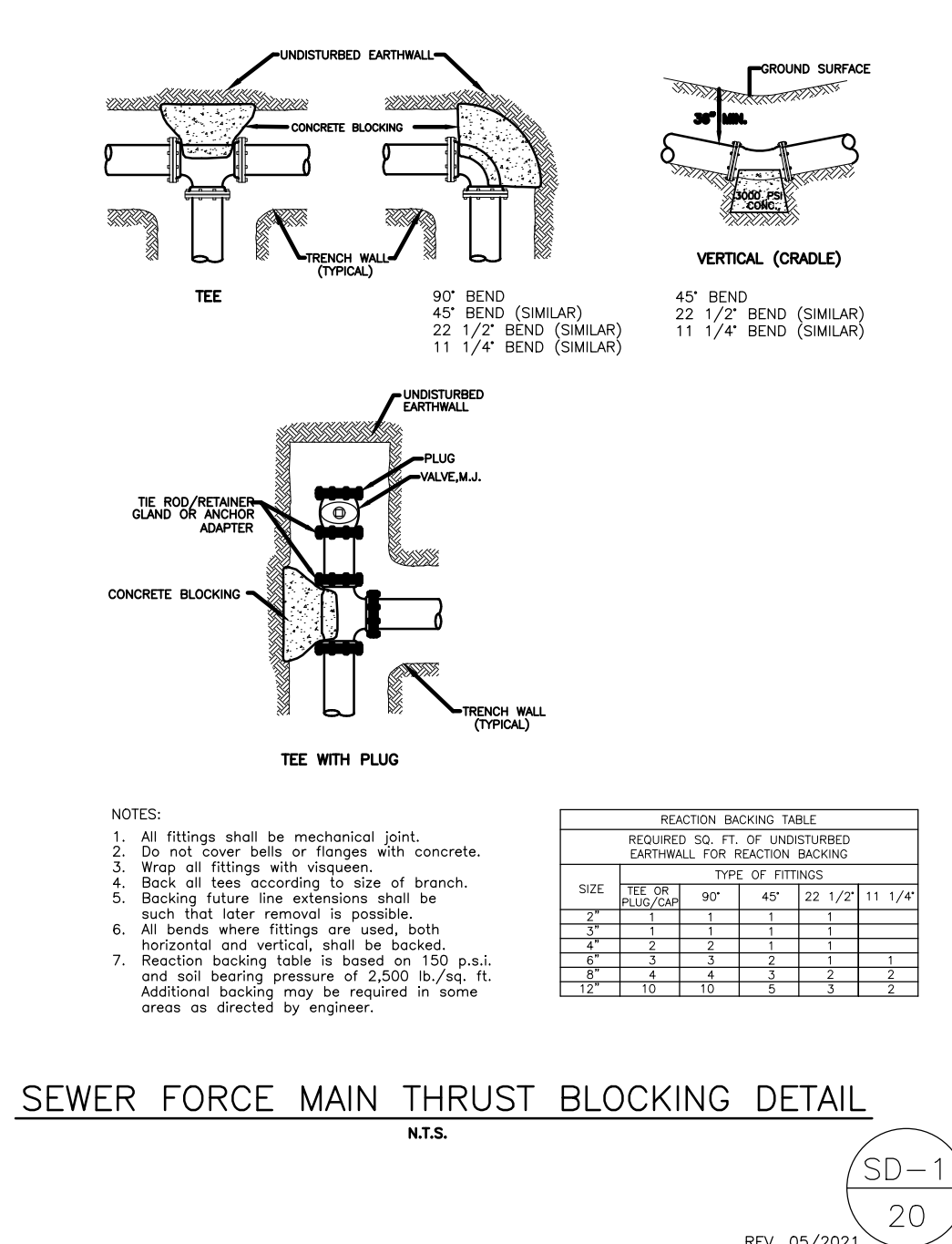


RESERVED

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GENERAL CONSTRUCTION NOTES:

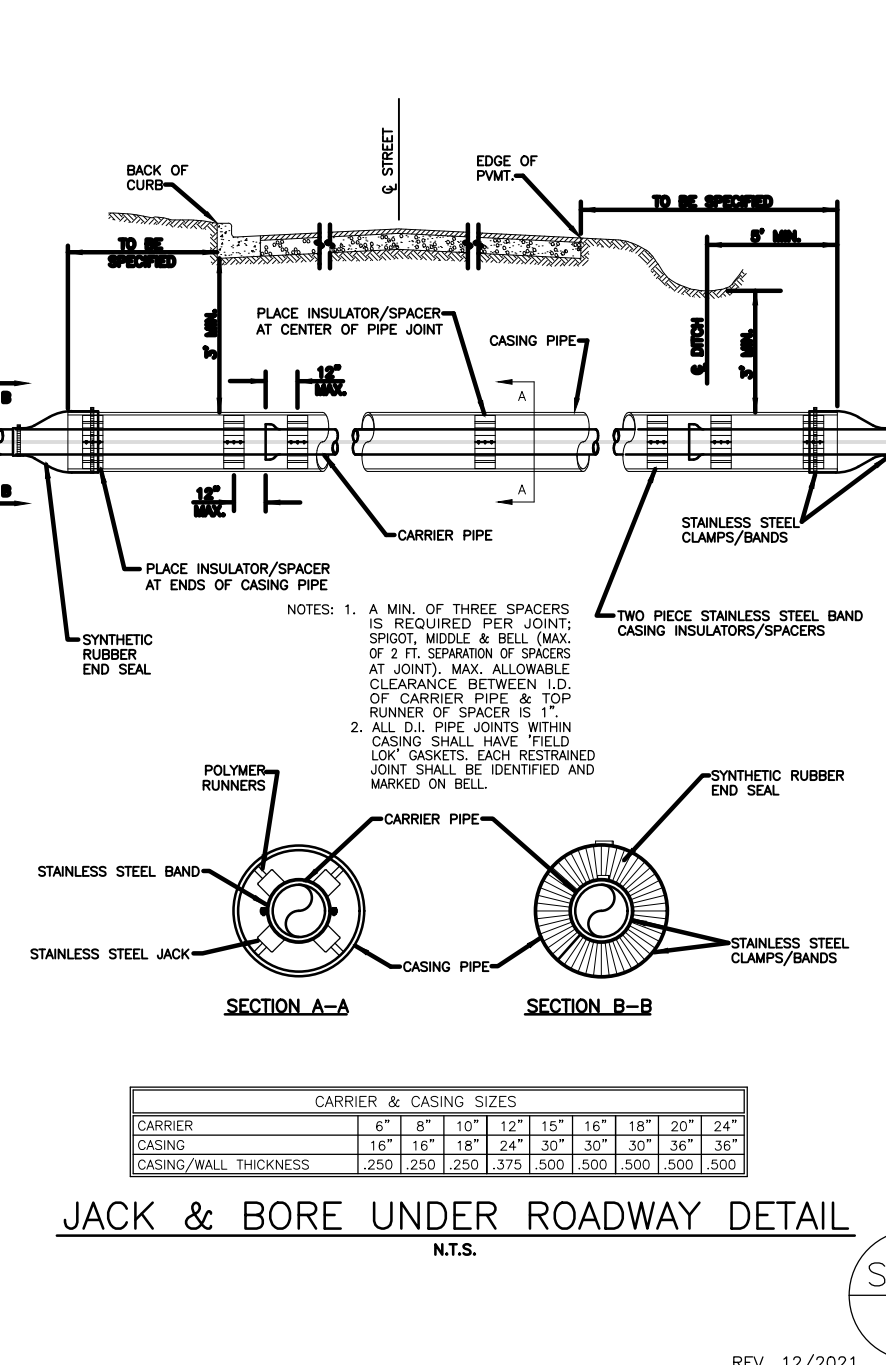
- The contractor will be held solely responsible for damage occurring to any property during the construction of this project. Said contractor shall take all necessary precautions to prevent property damage.
- In accordance with generally accepted construction practices, the contractor will be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal working hours.
- The duty of Rogers Water Utilities to conduct construction inspection or review of the contractor's performance is not an inspection or review of the adequacy of the contractor's safety measures in, on, or near the construction site.
- All water and sewer improvements shall be constructed in accordance with the latest revision to the Rogers Water Utilities Standard Specifications.
- The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the 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 call the appropriate utility company at least 48 hours before any excavation to request exact field location of utilities. It shall be the responsibility of the contractor to relocate all existing utilities which conflict with the proposed improvements shown on the plans.
- Contractor is to remove and dispose of all debris, rubbish and other materials resulting from previous and current demolition operations. Disposal will be in accordance with all local, state and/or federal regulations governing such operations.
- Prior to installation of any utilities, the contractor is to excavate, verify, and calculate all crossings and inform the Rogers Water Utilities of any conflicts prior to construction.
- Construction shall not start on any water utility until approval is given by Rogers Water Utilities. Said contractor shall not operate any valve, hydrant, or water utility appurtenance nor shall he attach to or tap any water utility main without approval. The contractor shall bear the cost and consequence of any disruption of utility operation caused by construction.



SEWER FORCE MAIN THRUST BLOCKING DETAIL

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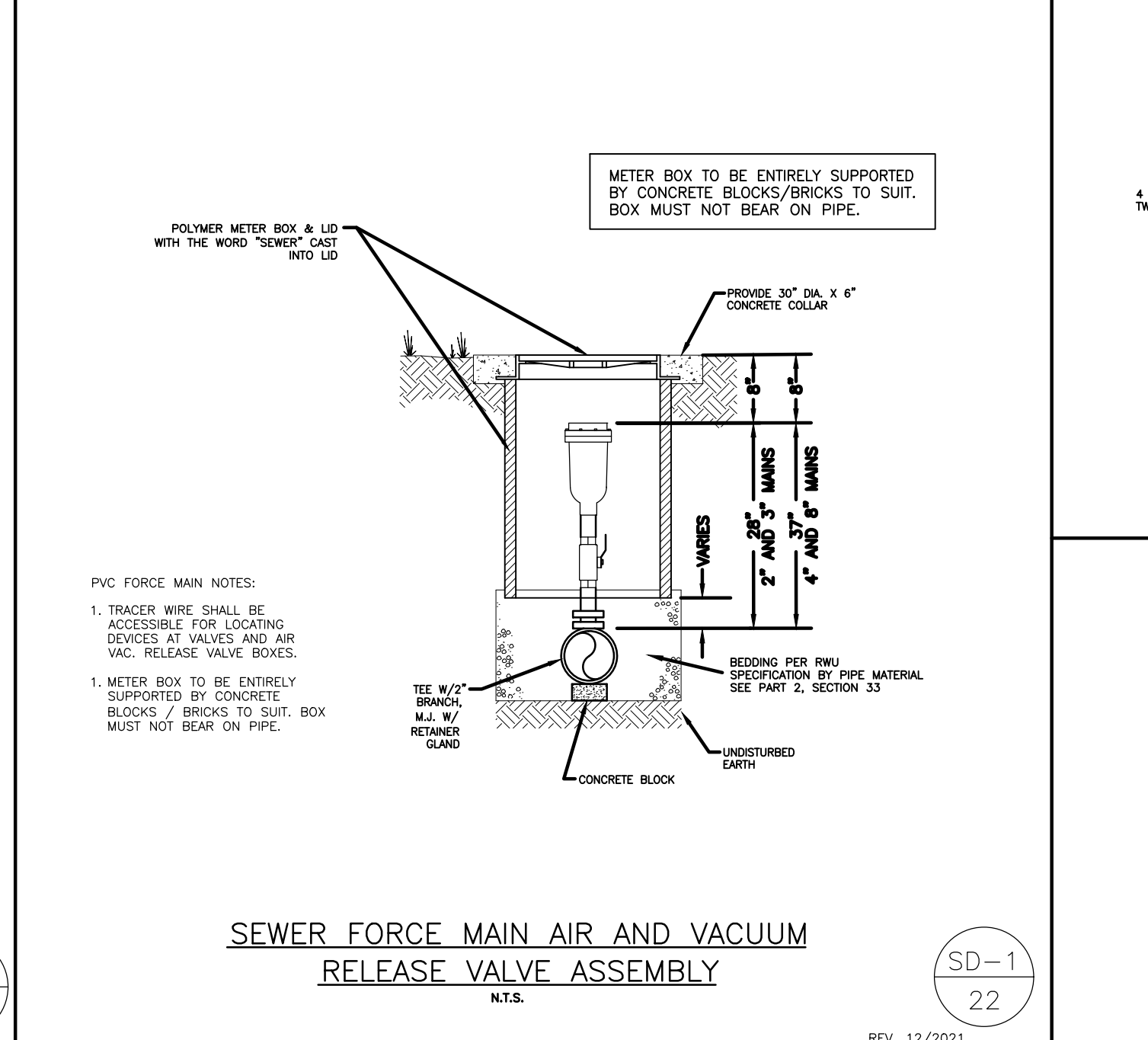
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JACK & BORE UNDER ROADWAY DETAIL

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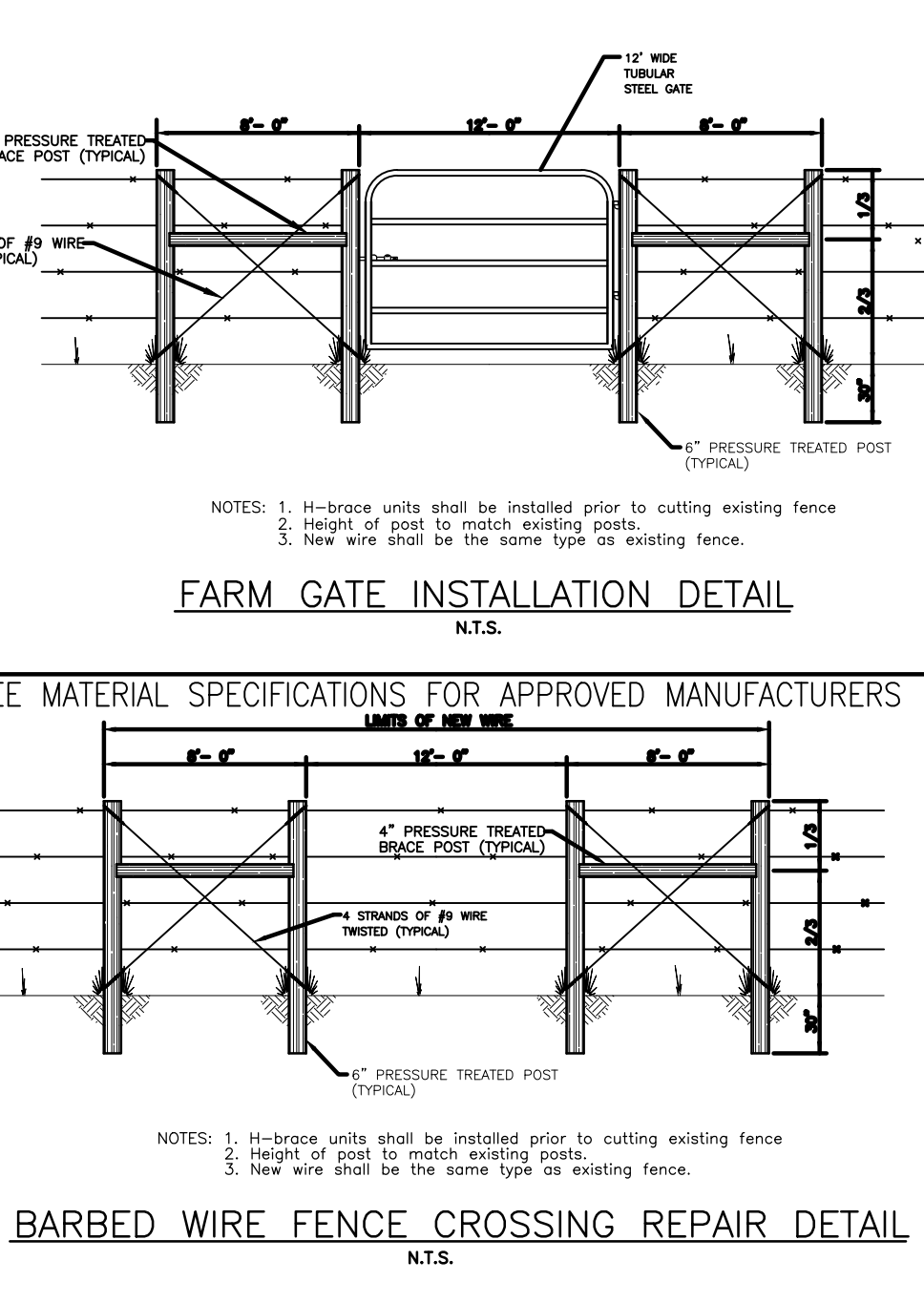
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SEWER FORCE MAIN AIR AND VACUUM RELEASE VALVE ASSEMBLY

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BARBED WIRE FENCE CROSSING REPAIR DETAIL

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GUARDPOST DETAIL

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SEWER DETAILS



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DRAWN BY: DATE: REV. JAN./22 SHEET NO. S/D-1
CHECKED BY: BTB