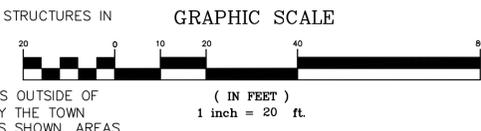


**LEGEND:**

|                    |  |                      |  |
|--------------------|--|----------------------|--|
| DRAIN PIPE .....   |  | WATER LINE .....     |  |
| WATER .....        |  | RETAINING WALL ..... |  |
| UTILITY POLE ..... |  | STONE WALL .....     |  |
| UTILITY BOX .....  |  | GUARDRAIL .....      |  |
| LIGHT POLE .....   |  | RAILROAD .....       |  |
| HYDRANT .....      |  | POOL .....           |  |
| CATCH BASIN .....  |  | PAVED ROAD .....     |  |
| SEWER .....        |  | UNPAVED ROAD .....   |  |
| MANHOLE .....      |  | SIDEWALK .....       |  |
| TREELINE .....     |  | TRAIL .....          |  |
| FENCE .....        |  | STRUCTURE .....      |  |
| CULVERT .....      |  | WETLAND .....        |  |

**GENERAL NOTES:**

1. ALL CATCH BASINS TO BE BICYCLE SAFE COVERS. STRUCTURES MUST BE SET FLUSH WITH BASE AND TOP ASPHALT.
2. ALL CATCH BASINS OUTSIDE OF TRAVEL LANE SHALL HAVE A PAVED APRON (MIN. 10' LONG) TO BACK OF CATCH BASIN. VERIFY WHERE FINISH GRADE OF STRUCTURES IN PAVED APRONS SHOULD BE WITH ENGINEER AS THESE SHOULD NOT BE LEFT TOO LOW.
3. HOLD POLES AS NEEDED DURING CONSTRUCTION.
4. DEFLECTION ON 12" HDPE PIPE SHALL BE LESS THAN 5% OR 1' EVERY 20' IN LENGTH BOTH HORIZONTAL AND VERTICAL.
5. ALL OLD DRAIN PIPE AND STRUCTURES SHALL BE REMOVED WHERE FEASIBLE OR PLUGGED AND FILLED WITH FLOWABLE FILL WHEN NECESSARY.
6. BOX OUT UNSUITABLE MATERIALS TO MAKE ROAD A CONSTANT ROAD WIDTH AND SUPPORT CAPE COD BERM WITH 10" OF 3" MINUS NHDOT 209.2.1.2. AREAS OUTSIDE OF DRAINAGE TRENCH AND EXISTING ROAD BED SHALL BE BOXED OUT WHERE THERE IS NOT 10" MINIMUM OF RECLAIM OR CRUSHED GRAVEL AND APPROVED BY THE TOWN ENGINEER. APPROXIMATED UNSUITABLE AREAS ARE SHOWN BY THE HATCHED AREAS NOTED ON THE PLAN, AREAS MAY BE GREATER OR LESS THAN WHAT IS SHOWN. AREAS OVER PIPE TRENCHES WILL BE GRAVELED UNDER PIPE EXCAVATION.
7. SEWER SERVICES MAY NEED TO BE ADJUSTED OR RELOCATED AROUND NEW DRAINAGE. RELOCATIONS SHALL BE REVIEWED WITH THE TOWN ENGINEER AND GOFFSTOWN SEWER DEPARTMENT BEFORE WORK IS COMPLETED. ALL WORK SHALL BE IN ACCORDANCE WITH THE GOFFSTOWN SEWER COMMISSION SEWER USE ORDINANCE AND NHDES RULES.
8. WATER SERVICES MAY NEED TO BE ADJUSTED OR RELOCATED AROUND NEW DRAINAGE PIPE. RELOCATIONS SHALL BE REVIEWED WITH THE TOWN ENGINEER AND MANCHESTER WATER WORKS BEFORE WORK IS COMPLETED. ALL WORK SHALL BE IN ACCORDANCE WITH MANCHESTER WATER WORKS STANDARDS AND MAY NEED TO BE COMPLETED BY OTHERS.
9. GAS SERVICES MAY BE IMPACTED BY NEW DRAINAGE PIPE. ANY IMPACTS OR ADJUSTMENT SHALL BE REVIEWED WITH THE TOWN ENGINEER AND LIBERTY UTILITIES BEFORE WORK IS COMPLETED. ALL WORK SHALL BE IN ACCORDANCE WITH LIBERTY UTILITIES STANDARDS AND REQUIREMENTS AND WILL BE COMPLETED BY OTHERS.
10. ALL DRAIN STUBS TO BE MARKED WITH REBAR. SWING TIE MEASUREMENT TO BE SHOWN ON AS-BUILT DR



| DATE    | DESCRIPTION | BY |
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**EAST UNION ST PROPOSED SIDEWALK AND INTERSECTION REALIGNMENT**

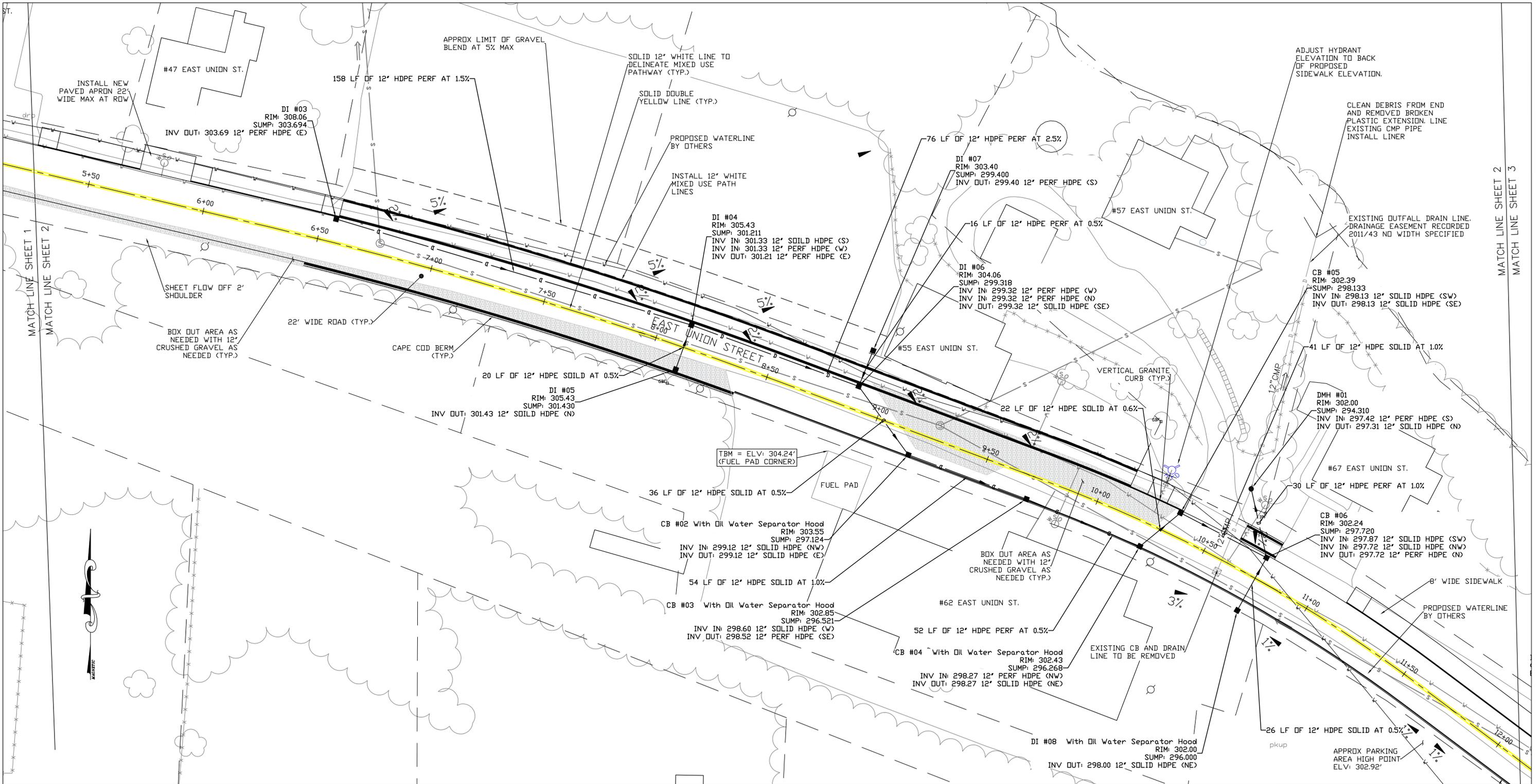
**PLAN VIEW**

EAST UNION STREET  
GOFFSTOWN, NH

**PREPARED BY:**  
TOWN OF GOFFSTOWN

DEPARTMENT OF PUBLIC WORKS  
GOFFSTOWN, NEW HAMPSHIRE

|               |                |                |
|---------------|----------------|----------------|
| APPROVED: ALJ | CHECKED BY: SO | DRAWN BY: ERG  |
| DATE: 5/8/23  | DWG#: S1       | SHEET #1 OF 10 |

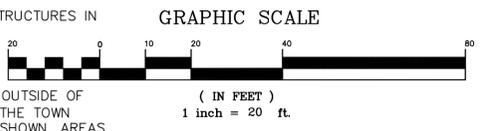


**LEGEND:**

|              |  |                |  |
|--------------|--|----------------|--|
| DRAIN PIPE   |  | WATER LINE     |  |
| WATER        |  | RETAINING WALL |  |
| UTILITY POLE |  | STONE WALL     |  |
| UTILITY BOX  |  | GUARDRAIL      |  |
| LIGHT POLE   |  | RAILROAD       |  |
| HYDRANT      |  | POOL           |  |
| CATCH BASIN  |  | PAVED ROAD     |  |
| SEWER        |  | UNPAVED ROAD   |  |
| MANHOLE      |  | SIDEWALK       |  |
| TREELINE     |  | TRAIL          |  |
| FENCE        |  | STRUCTURE      |  |
| CULVERT      |  | WETLAND        |  |

**GENERAL NOTES:**

- ALL CATCH BASINS TO BE BICYCLE SAFE COVERS. STRUCTURES MUST BE SET FLUSH WITH BASE AND TOP ASPHALT.
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- HOLD POLES AS NEEDED DURING CONSTRUCTION.
- DEFLECTION ON 12" HDPE PIPE SHALL BE LESS THAN 5% OR 1' EVERY 20' IN LENGTH BOTH HORIZONTAL AND VERTICAL.
- ALL OLD DRAIN PIPE AND STRUCTURES SHALL BE REMOVED WHERE FEASIBLE OR PLUGGED AND FILLED WITH FLOWABLE FILL WHEN NECESSARY.
- BOX OUT UNSUITABLE MATERIALS TO MAKE ROAD A CONSTANT ROAD WIDTH AND SUPPORT CAPE COD BERM WITH 10" OF 3" MINUS NHDOT 209.2.1.2. AREAS OUTSIDE OF DRAINAGE TRENCH AND EXISTING ROAD BED SHALL BE BOXED OUT WHERE THERE IS NOT 10" MINIMUM OF RECLAIM OR CRUSHED GRAVEL AND APPROVED BY THE TOWN ENGINEER. APPROXIMATED UNSUITABLE AREAS ARE SHOWN BY THE HATCHED AREAS NOTED ON THE PLAN, AREAS MAY BE GREATER OR LESS THAN WHAT IS SHOWN. AREAS OVER PIPE TRENCHES WILL BE GRAVELED UNDER PIPE EXCAVATION.
- SEWER SERVICES MAY NEED TO BE ADJUSTED OR RELOCATED AROUND NEW DRAINAGE. RELOCATIONS SHALL BE REVIEWED WITH THE TOWN ENGINEER AND GOFFSTOWN SEWER DEPARTMENT BEFORE WORK IS COMPLETED. ALL WORK SHALL BE IN ACCORDANCE WITH THE GOFFSTOWN SEWER COMMISSION SEWER USE ORDINANCE AND NHDES RULES.
- WATER SERVICES MAY NEED TO BE ADJUSTED OR RELOCATED AROUND NEW DRAINAGE PIPE. RELOCATIONS SHALL BE REVIEWED WITH THE TOWN ENGINEER AND MANCHESTER WATER WORKS BEFORE WORK IS COMPLETED. ALL WORK SHALL BE IN ACCORDANCE WITH MANCHESTER WATER WORKS STANDARDS AND MAY NEED TO BE COMPLETED BY OTHERS.
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- ALL DRAIN STUBS TO BE MARKED WITH REBAR. SWING TIE MEASUREMENT TO BE SHOWN ON AS-BUILT DR



| DATE    | EDITS DESCRIPTION | EG BY |
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**EAST UNION ST PROPOSED SIDEWALK AND INTERSECTION REALIGNMENT**

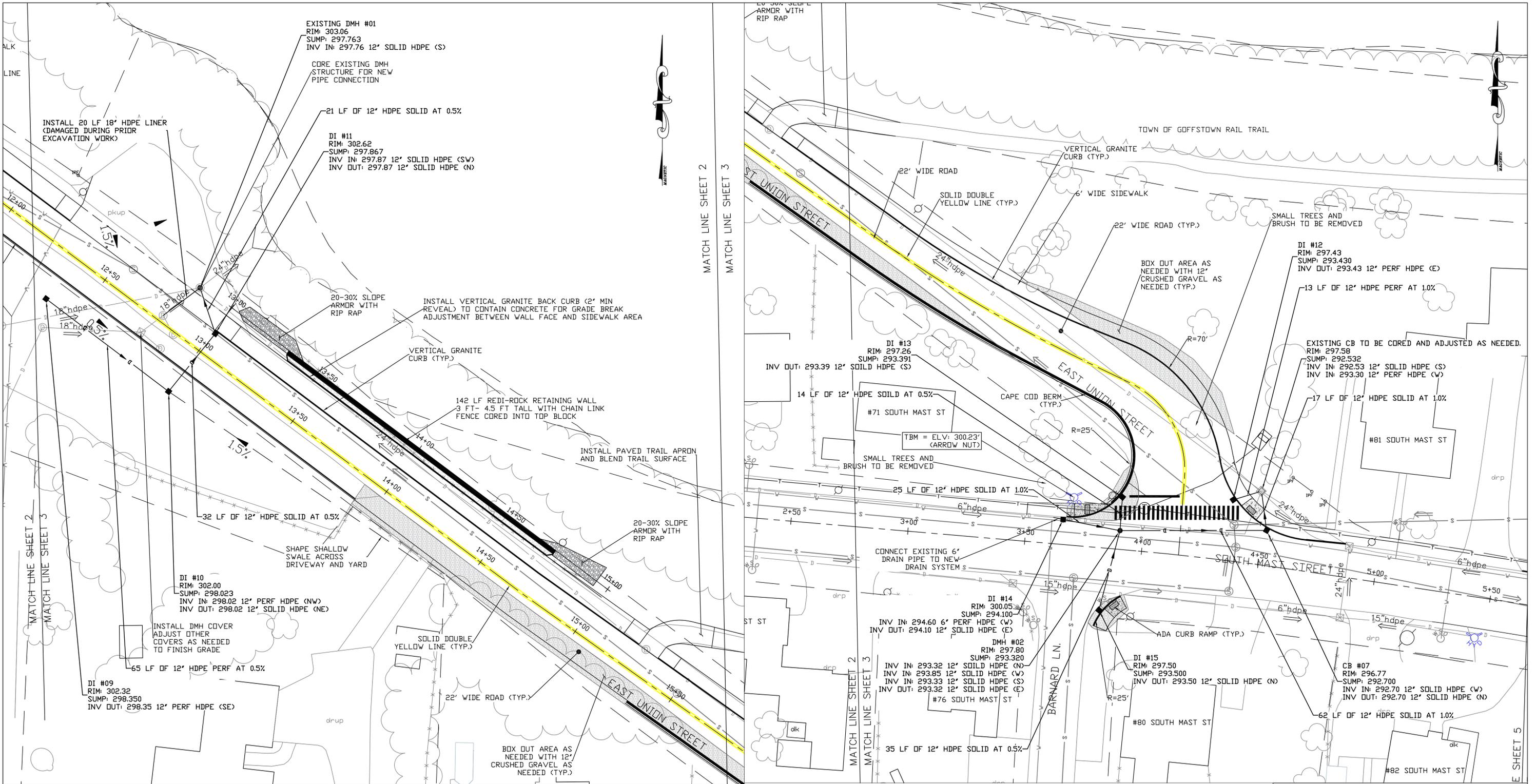
PLAN VIEW

EAST UNION STREET  
GOFFSTOWN, NH

PREPARED BY:  
TOWN OF GOFFSTOWN

DEPARTMENT OF PUBLIC WORKS  
GOFFSTOWN, NEW HAMPSHIRE

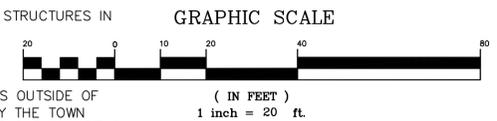
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| APPROVED: ALJ | CHECKED BY: SO | DRAWN BY: ERG  |
| DATE: 5/8/23  | DWG#: S2       | SHEET #2 OF 10 |



**LEGEND:**

|              |  |                |  |
|--------------|--|----------------|--|
| DRAIN PIPE   |  | WATER LINE     |  |
| UTILITY POLE |  | RETAINING WALL |  |
| UTILITY BOX  |  | STONE WALL     |  |
| LIGHT POLE   |  | RAILROAD       |  |
| HYDRANT      |  | POOL           |  |
| CATCH BASIN  |  | PAVED ROAD     |  |
| SEWER        |  | UNPAVED ROAD   |  |
| MANHOLE      |  | SIDEWALK       |  |
| TREELINE     |  | TRAIL          |  |
| FENCE        |  | STRUCTURE      |  |
| CULVERT      |  | WETLAND        |  |

- GENERAL NOTES:**
- ALL CATCH BASINS TO BE BICYCLE SAFE COVERS. STRUCTURES MUST BE SET FLUSH WITH BASE AND TOP ASPHALT.
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  - HOLD POLES AS NEEDED DURING CONSTRUCTION.
  - DEFLECTION ON 12" HDPE PIPE SHALL BE LESS THAN 5% OR 1' EVERY 20' IN LENGTH BOTH HORIZONTAL AND VERTICAL.
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  - ALL DRAIN STUBS TO BE MARKED WITH REBAR. SWING TIE MEASUREMENT TO BE SHOWN ON AS-BUILT DR



| DATE    | EDITS DESCRIPTION | EG BY |
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| 6/15/23 |                   |       |

**EAST UNION ST PROPOSED SIDEWALK AND INTERSECTION REALIGNMENT**

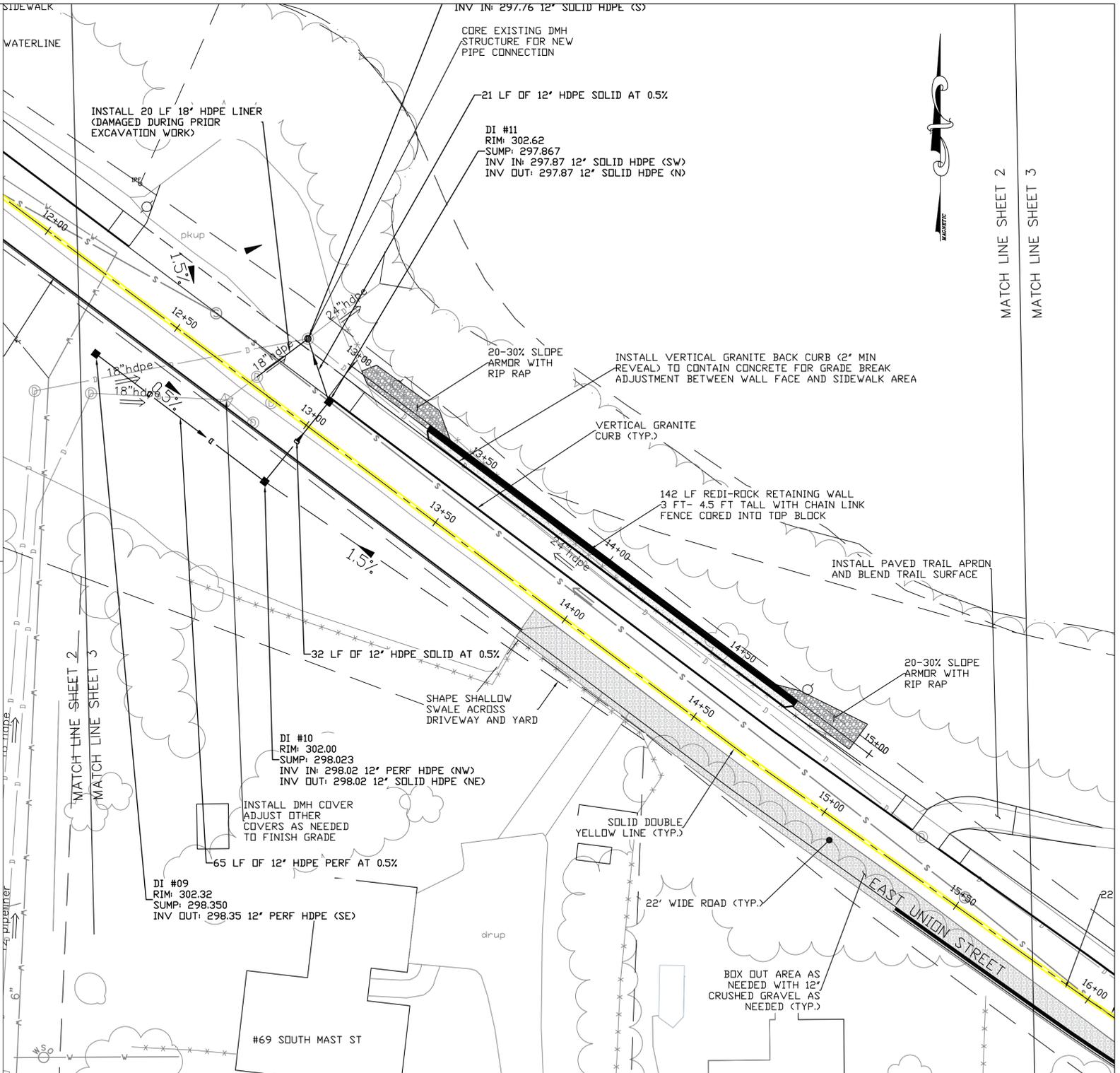
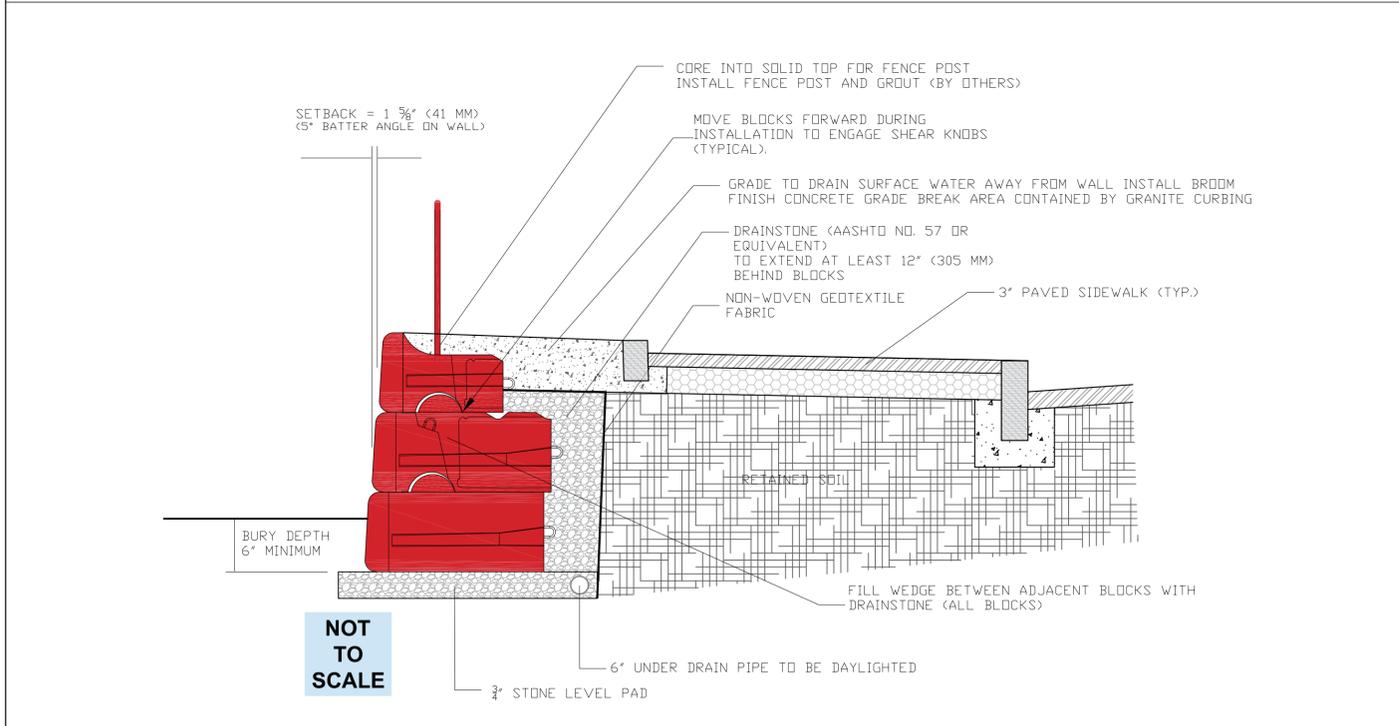
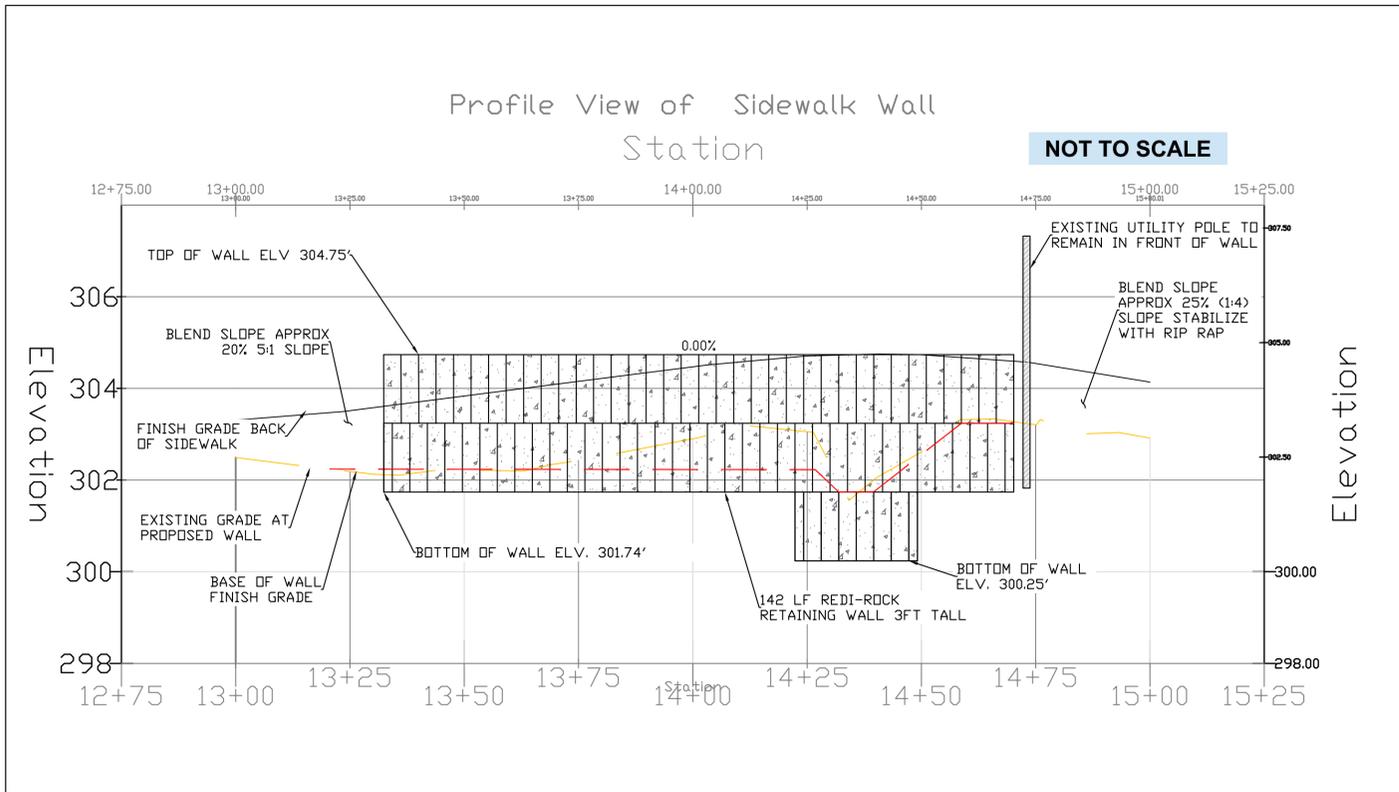
PLAN VIEW

EAST UNION STREET  
GOFFSTOWN, NH

PREPARED BY:  
TOWN OF GOFFSTOWN

DEPARTMENT OF PUBLIC WORKS  
GOFFSTOWN, NEW HAMPSHIRE

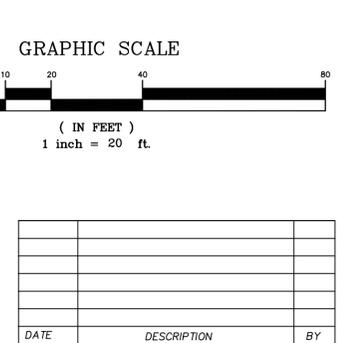
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| APPROVED: ALJ | CHECKED BY: SO | DRAWN BY: ERG  |
| DATE: 5/8/23  | DWG#: S3       | SHEET #3 OF 10 |



**LEGEND:**

|              |  |                |  |
|--------------|--|----------------|--|
| DRAIN PIPE   |  | WATER LINE     |  |
| UTILITY POLE |  | RETAINING WALL |  |
| UTILITY BOX  |  | STONE WALL     |  |
| LIGHT POLE   |  | RAILROAD       |  |
| HYDRANT      |  | POOL           |  |
| CATCH BASIN  |  | PAVED ROAD     |  |
| SEWER        |  | UNPAVED ROAD   |  |
| MANHOLE      |  | SIDEWALK       |  |
| TREELINE     |  | TRAIL          |  |
| FENCE        |  | STRUCTURE      |  |
| CULVERT      |  | WETLAND        |  |

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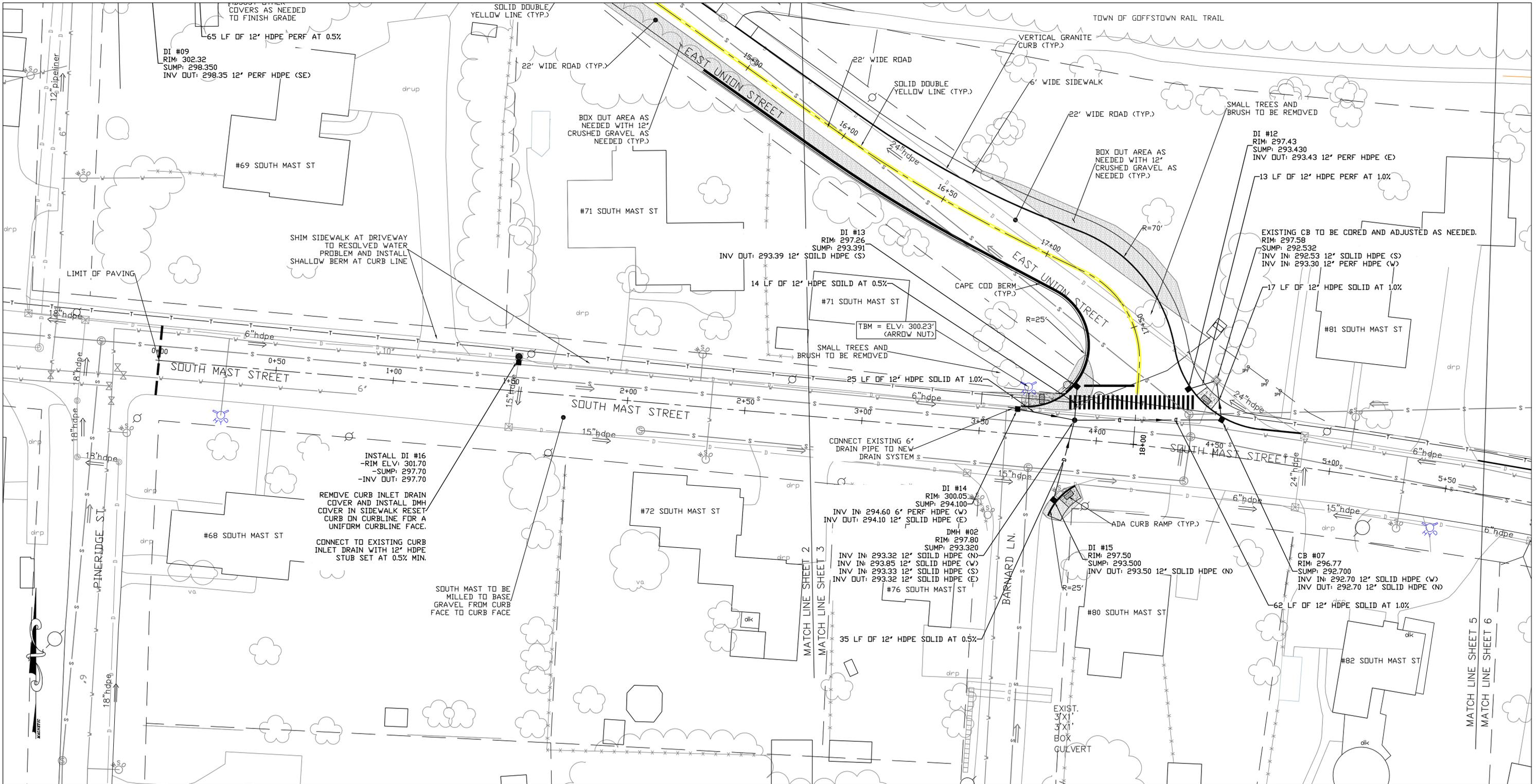
**EAST UNION ST SIDEWALK WALL PLAN VIEW**

SOUTH MAST STREET  
GOFFSTOWN, NH

**PREPARED BY:**  
TOWN OF GOFFSTOWN

DEPARTMENT OF PUBLIC WORKS  
GOFFSTOWN, NEW HAMPSHIRE

|               |                |                |
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| APPROVED: ALJ | CHECKED BY: SO | DRAWN BY: ERG  |
| DATE: 5/8/23  | DWG#: S4       | SHEET #4 OF 10 |

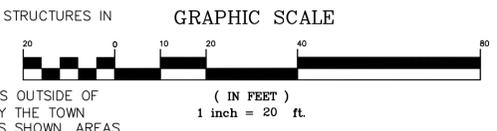


**LEGEND:**

|              |  |                |  |
|--------------|--|----------------|--|
| DRAIN PIPE   |  | WATER LINE     |  |
| UTILITY POLE |  | RETAINING WALL |  |
| UTILITY BOX  |  | STONE WALL     |  |
| LIGHT POLE   |  | GUARDRAIL      |  |
| HYDRANT      |  | RAILROAD       |  |
| CATCH BASIN  |  | POOL           |  |
| SEWER        |  | PAVED ROAD     |  |
| MANHOLE      |  | UNPAVED ROAD   |  |
| TREELINE     |  | SIDEWALK       |  |
| FENCE        |  | TRAIL          |  |
| CULVERT      |  | STRUCTURE      |  |
|              |  | WETLAND        |  |

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| DATE | DESCRIPTION | BY |
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**SOUTH MAST STREET OVERLAY AND DRAIN REPAIR**

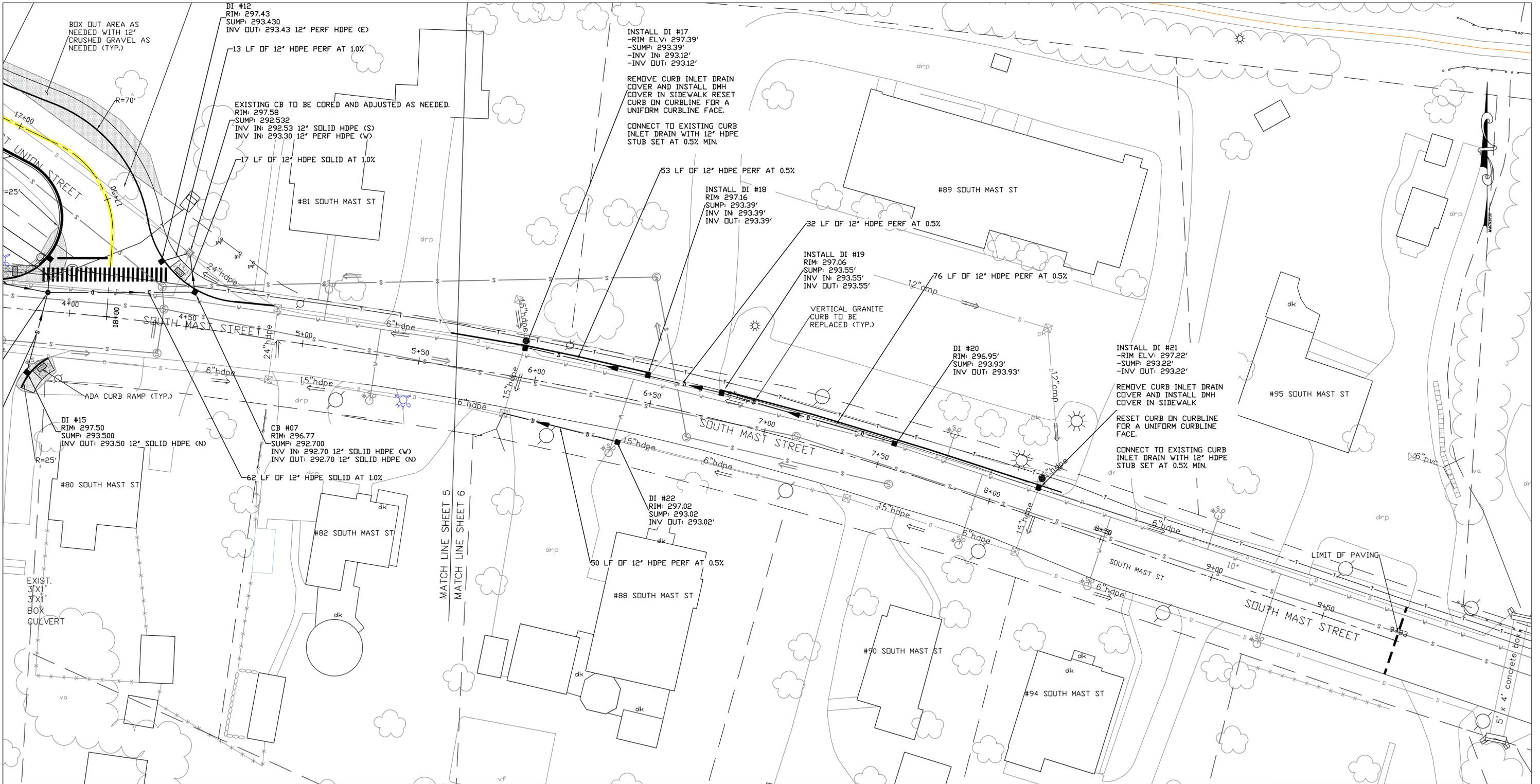
PLAN VIEW

SOUTH MAST STREET  
GOFFSTOWN, NH

PREPARED BY:  
TOWN OF GOFFSTOWN

DEPARTMENT OF PUBLIC WORKS  
GOFFSTOWN, NEW HAMPSHIRE

|               |                |                |
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| APPROVED: ALJ | CHECKED BY: SO | DRAWN BY: ERG  |
| DATE: 5/8/23  | DWG#: S5       | SHEET #5 OF 10 |

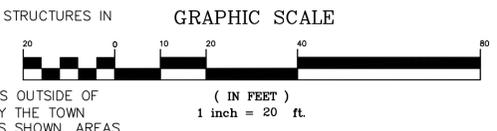


**LEGEND:**

|              |  |                |  |
|--------------|--|----------------|--|
| DRAIN PIPE   |  | WATER LINE     |  |
| WATER        |  | RETAINING WALL |  |
| UTILITY POLE |  | STONE WALL     |  |
| UTILITY BOX  |  | GUARDRAIL      |  |
| LIGHT POLE   |  | RAILROAD       |  |
| HYDRANT      |  | POOL           |  |
| CATCH BASIN  |  | PAVED ROAD     |  |
| SEWER        |  | UNPAVED ROAD   |  |
| MANHOLE      |  | SIDEWALK       |  |
| TREELINE     |  | TRAIL          |  |
| FENCE        |  | STRUCTURE      |  |
| CULVERT      |  | WETLAND        |  |

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| DATE | DESCRIPTION | BY |
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**SOUTH MAST STREET OVERLAY AND DRAIN REPAIR**

**PLAN VIEW**

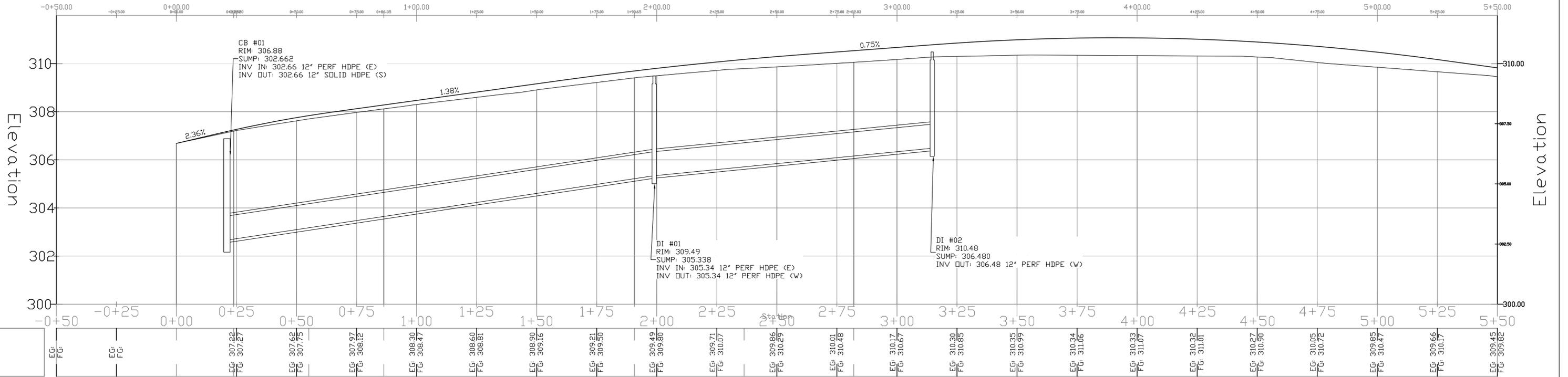
SOUTH MAST STREET  
GOFFSTOWN, NH

**PREPARED BY:**  
TOWN OF GOFFSTOWN

DEPARTMENT OF PUBLIC WORKS  
GOFFSTOWN, NEW HAMPSHIRE

|               |                |                |
|---------------|----------------|----------------|
| APPROVED: ALJ | CHECKED BY: SO | DRAWN BY: ERG  |
| DATE: 5/8/23  | DWG#: S6       | SHEET #6 OF 10 |

Profile View of Alignment - E. Union Pro CL  
Station



LEGEND:

|              |  |                |  |
|--------------|--|----------------|--|
| DRAIN PIPE   |  | WATER LINE     |  |
| WATER        |  | RETAINING WALL |  |
| UTILITY POLE |  | STONE WALL     |  |
| UTILITY BOX  |  | GUARDRAIL      |  |
| LIGHT POLE   |  | RAILROAD       |  |
| HYDRANT      |  | POOL           |  |
| CATCH BASIN  |  | PAVED ROAD     |  |
| SEWER        |  | UNPAVED ROAD   |  |
| MANHOLE      |  | SIDEWALK       |  |
| TREELINE     |  | TRAIL          |  |
| FENCE        |  | STRUCTURE      |  |
| CULVERT      |  | WETLAND        |  |

GENERAL NOTES:

1. WALL SHOWN IN CROSS SECTION IS STANDARD TEMPLATE NOT REDI-ROCK WALL TO BE USED.
2. SCALE 1" = 20'

EAST UNION ST SIDEWALK WALL  
PLAN VIEW

SOUTH MAST STREET  
GOFFSTOWN, NH

PREPARED BY:  
TOWN OF GOFFSTOWN

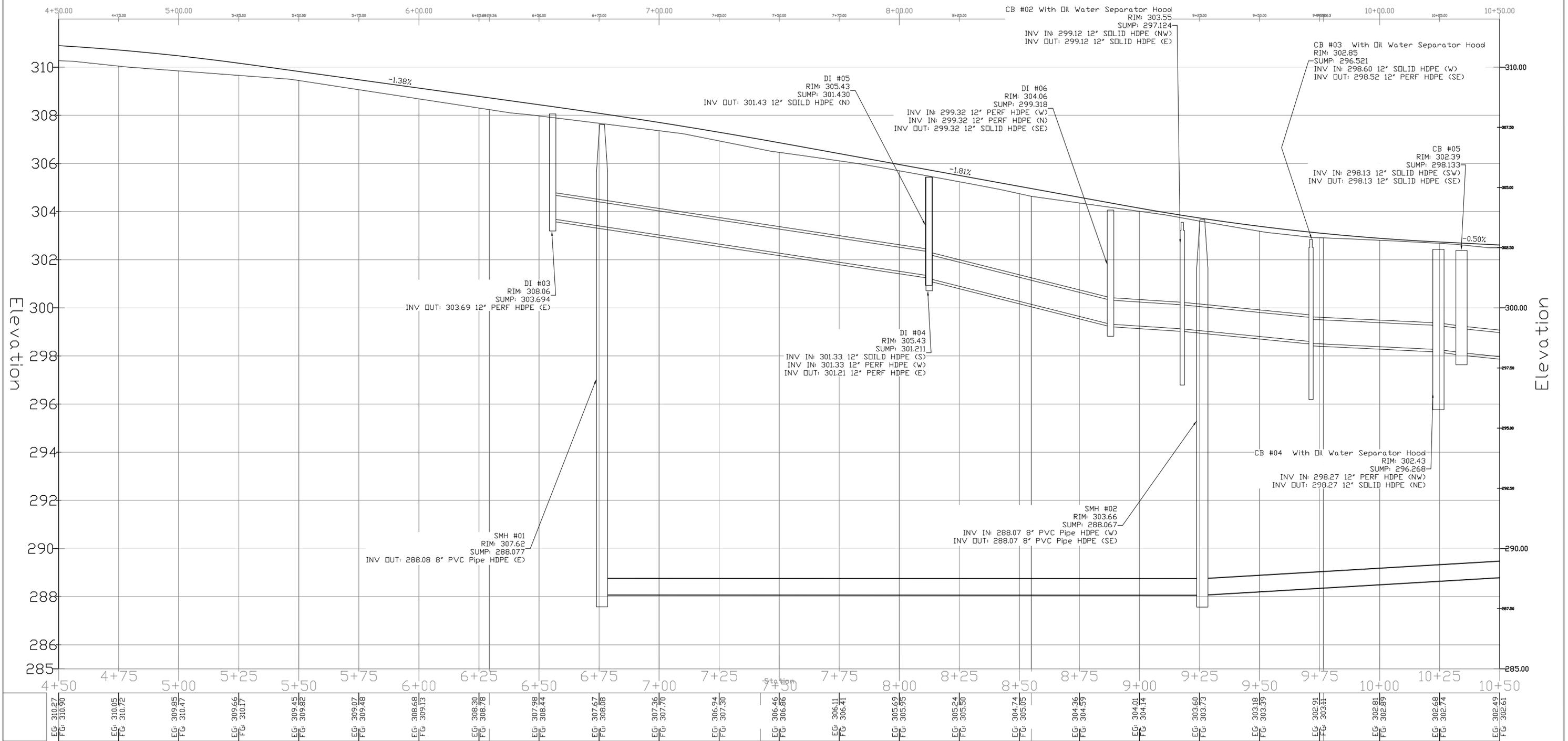
DEPARTMENT OF PUBLIC WORKS  
GOFFSTOWN, NEW HAMPSHIRE

| DATE | DESCRIPTION | BY |
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| APPROVED: ALJ | CHECKED BY: SO | DRAWN BY: ERG  |
| DATE: 5/8/23  | DWG#: S7       | SHEET #7 OF 10 |

Profile View of Alignment - E. Union Pro CL

Station



GENERAL NOTES:

1. WALL SHOWN IN CROSS SECTION IS STANDARD TEMPLATE NOT REDI-ROCK WALL TO BE USED.
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**LEGEND:**

|                    |  |                      |  |
|--------------------|--|----------------------|--|
| DRAIN PIPE .....   |  | WATER LINE .....     |  |
| UTILITY POLE ..... |  | RETAINING WALL ..... |  |
| UTILITY BOX .....  |  | STONE WALL .....     |  |
| LIGHT POLE .....   |  | GUARDRAIL .....      |  |
| HYDRANT .....      |  | RAILROAD .....       |  |
| CATCH BASIN .....  |  | POOL .....           |  |
| SEWER .....        |  | PAVED ROAD .....     |  |
| MANHOLE .....      |  | UNPAVED ROAD .....   |  |
| TREELINE .....     |  | SIDEWALK .....       |  |
| FENCE .....        |  | TRAIL .....          |  |
| CULVERT .....      |  | STRUCTURE .....      |  |
|                    |  | WETLAND .....        |  |

EAST UNION ST SIDEWALK WALL  
PLAN VIEW

SOUTH MAST STREET  
GOFFSTOWN, NH

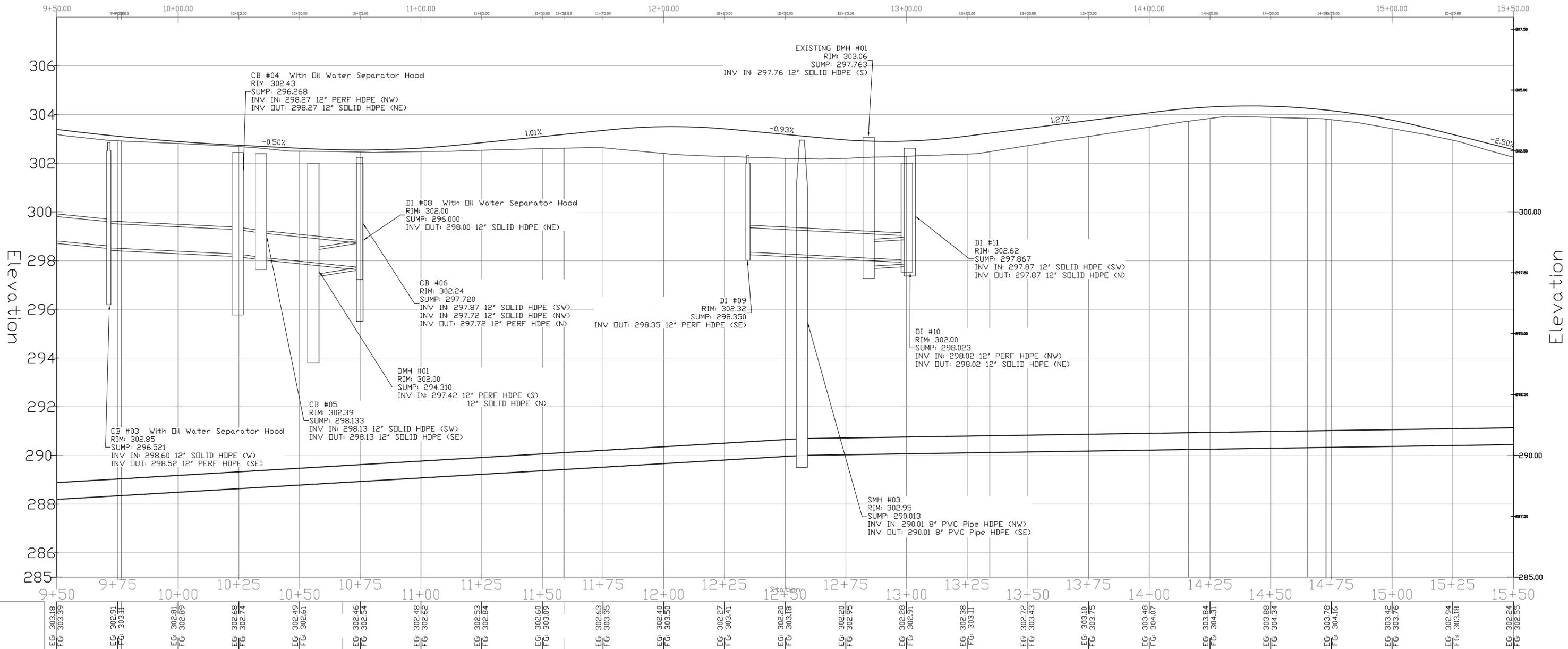
PREPARED BY:  
TOWN OF GOFFSTOWN

DEPARTMENT OF PUBLIC WORKS  
GOFFSTOWN, NEW HAMPSHIRE

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| APPROVED: ALJ | CHECKED BY: SO | DRAWN BY: ERG  |
| DATE: 5/8/23  | DWG#: S8       | SHEET #8 OF 10 |

# Profile View of Alignment - E. Union Pro CL Station



**LEGEND:**

|                    |  |                      |  |
|--------------------|--|----------------------|--|
| DRAIN PIPE .....   |  | WATER LINE .....     |  |
| WATER .....        |  | RETAINING WALL ..... |  |
| UTILITY POLE ..... |  | STONE WALL .....     |  |
| UTILITY BOX .....  |  | GUARDRAIL .....      |  |
| LIGHT POLE .....   |  | RAILROAD .....       |  |
| HYDRANT .....      |  | POOL .....           |  |
| CATCH BASIN .....  |  | PAVED ROAD .....     |  |
| SEWER .....        |  | UNPAVED ROAD .....   |  |
| MANHOLE .....      |  | SIDEWALK .....       |  |
| TREELINE .....     |  | TRAIL .....          |  |
| FENCE .....        |  | STRUCTURE .....      |  |
| CULVERT .....      |  | WETLAND .....        |  |

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| DATE | DESCRIPTION | BY |
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**EAST UNION ST SIDEWALK WALL  
PLAN VIEW**

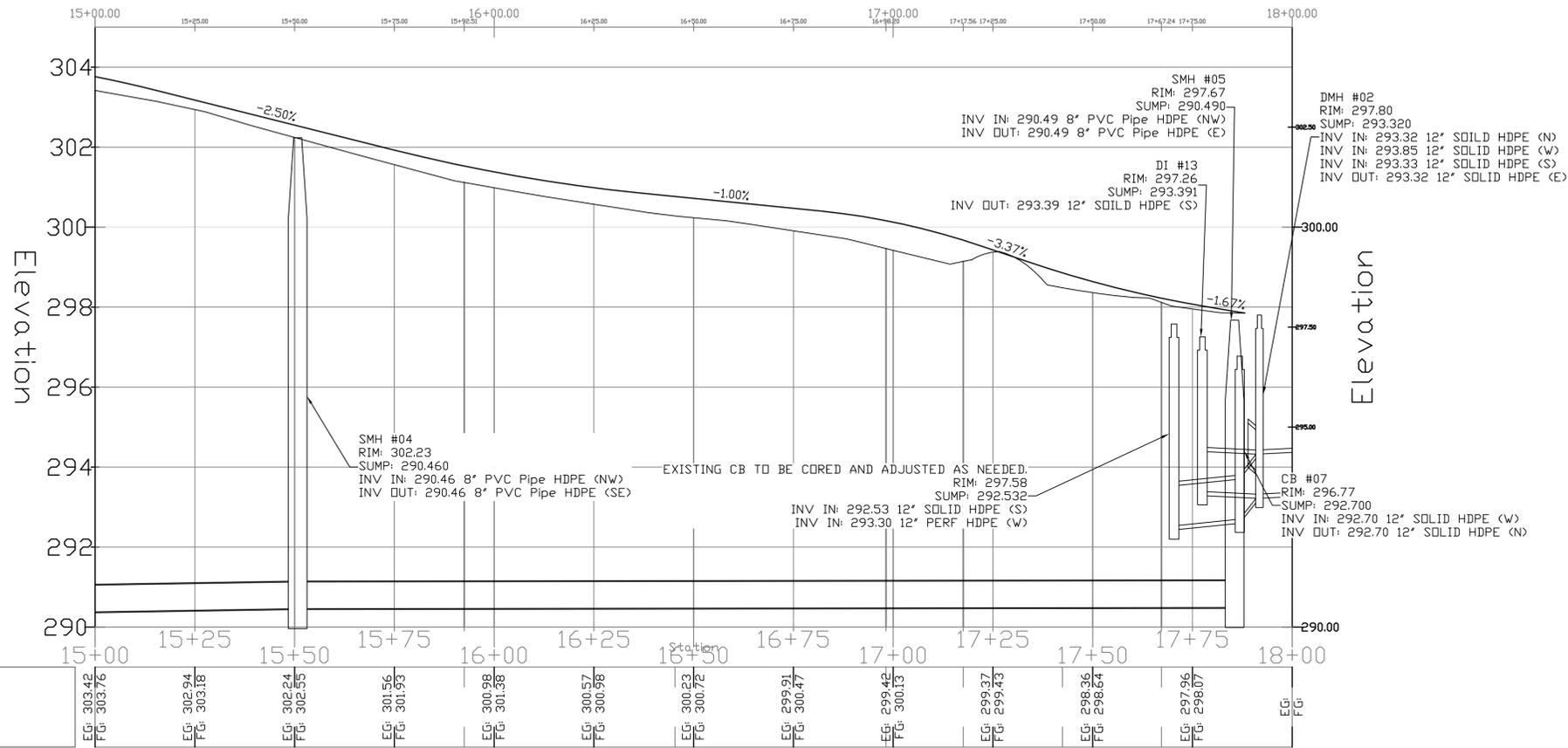
SOUTH MAST STREET  
GOFFSTOWN, NH

PREPARED BY:  
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GOFFSTOWN, NEW HAMPSHIRE

|               |                |                |
|---------------|----------------|----------------|
| APPROVED: ALJ | CHECKED BY: SO | DRAWN BY: ERG  |
| DATE: 5/8/23  | DWG#: S9       | SHEET #9 OF 10 |

Profile View of Alignment - E. Union Pro CL  
Station



LEGEND:

|              |  |                |  |
|--------------|--|----------------|--|
| DRAIN PIPE   |  | WATER LINE     |  |
| WATER        |  | RETAINING WALL |  |
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EAST UNION ST SIDEWALK WALL  
PLAN VIEW

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| APPROVED: ALJ | CHECKED BY: SO | DRAWN BY: ERG   |
| DATE: 5/8/23  | DWG#: S10      | SHEET #10 OF 10 |