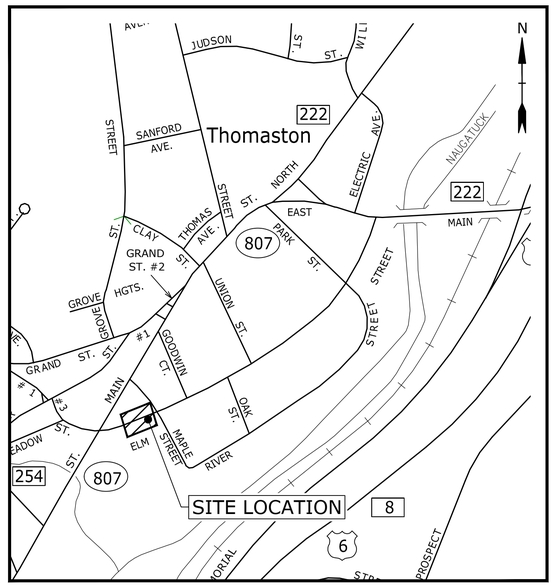
TOWN OF THOMASTON, CONNECTICUT
ELM STREET CULVERT REPAIR

CONSTRUCTION DOCUMENTS
OCTOBER 28, 2026

LIST OF DRAWINGS		
SHEET NO.	DRAWING NO.	DRAWING TITLE
GENERAL		
1	G-001	COVER SHEET
CIVIL		
2	C-100	ELM STREET EXISTING CONDITION CULVERT PHOTOS
3	C-101	ELM STREET CULVERT REPAIR
4	C-102	ELM STREET RESTORATION AND CULVERT REPAIR DETAILS



SITE LOCATION MAP
SCALE:

PREPARED BY:

Tighe & Bond

PREPARED FOR:

TOWN OF THOMASTON

RICHARD A. SILEO, FIRST SELECTMAN

BERT GALPIN, PUBLIC SERVICE SUPERINTENDENT

COMPLETE SET 4 SHEETS

Last Saved: 10/28/2026
Plotted: Oct 28, 2026 - 5:12pm By: DuboyueC
Tighe & Bond: J:\TYT0233 Thomaston-OnCallEngr\49. Elm Street\Drawings\AutoCAD\Sheet\-0049C CULVERT REPAIR\T-049-C-000-COVR-CULVERT REPAIR.dwg

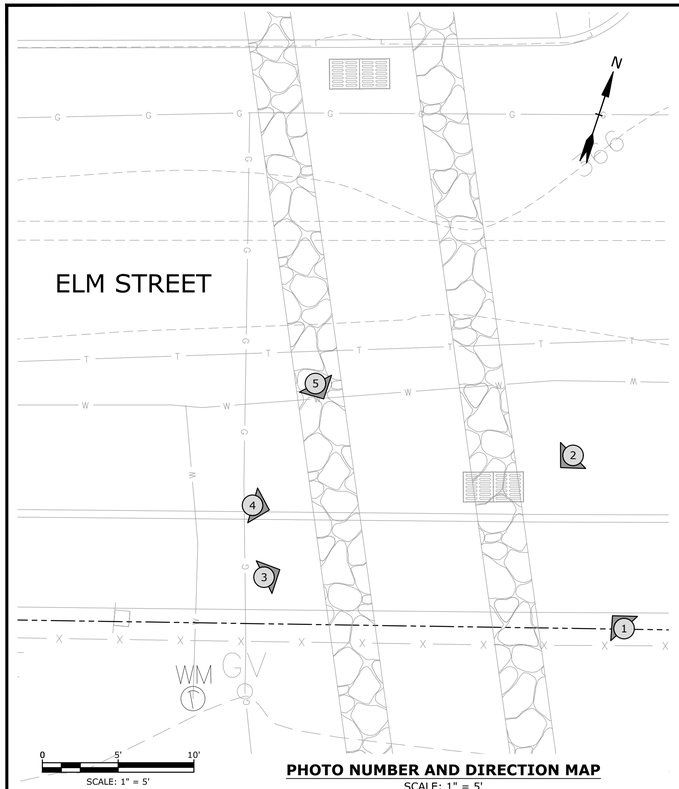


PHOTO NUMBER AND DIRECTION MAP
SCALE: 1" = 5'



PHOTO 1



PHOTO 2



PHOTO 3



PHOTO 4



PHOTO 5

Tighe&Bond
1000 Bridgeport Avenue
Suite 320
Shelton, CT 06484
T 203.712.1100

CONSTRUCTION DOCUMENTS

Elm Street Culvert Repair

Town of Thomaston

Thomaston, CT

MARK	DATE	DESCRIPTION

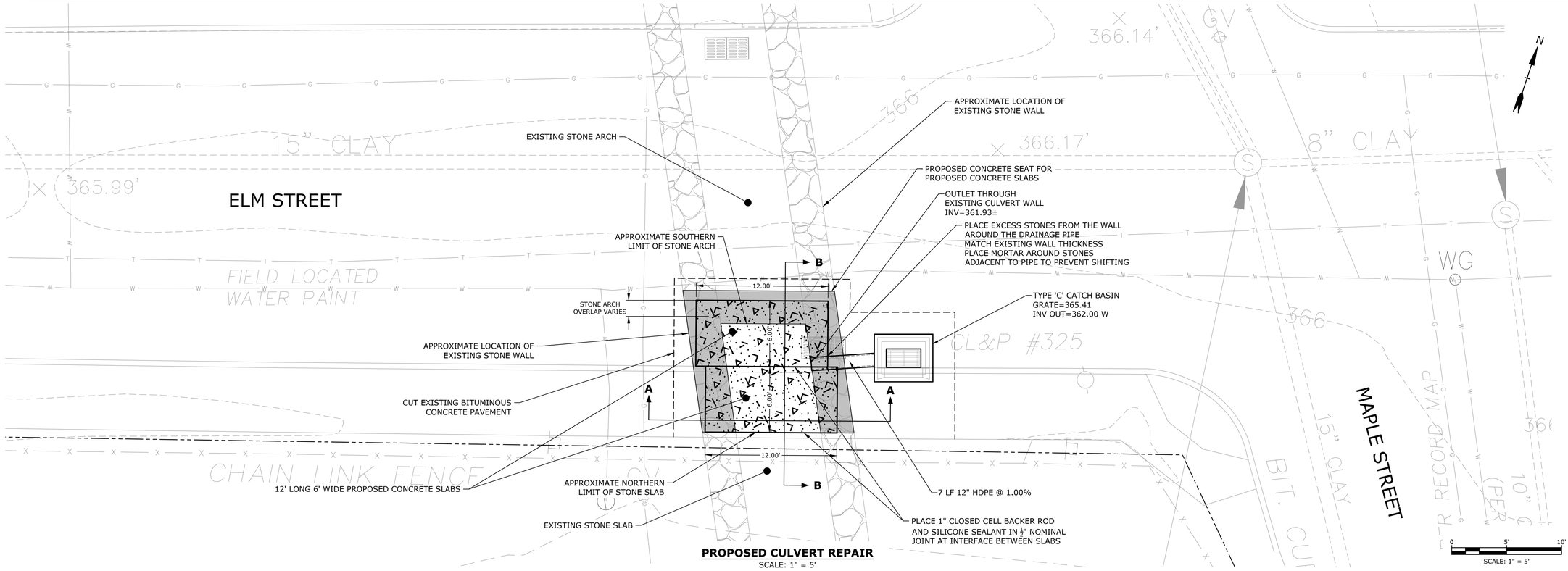
PROJECT NO:	T0233-049
DATE:	10/28/2026
FILE:	T0233-049-C100-CULVERT REPAIR.dwg
DRAWN BY:	E. Beattie
DESIGNED BY:	C. Dubuque
CHECKED BY:	J. Richer
APPROVED BY:	C. Granatini

ELM STREET
EXISTING CONDITION
CULVERT PHOTOS

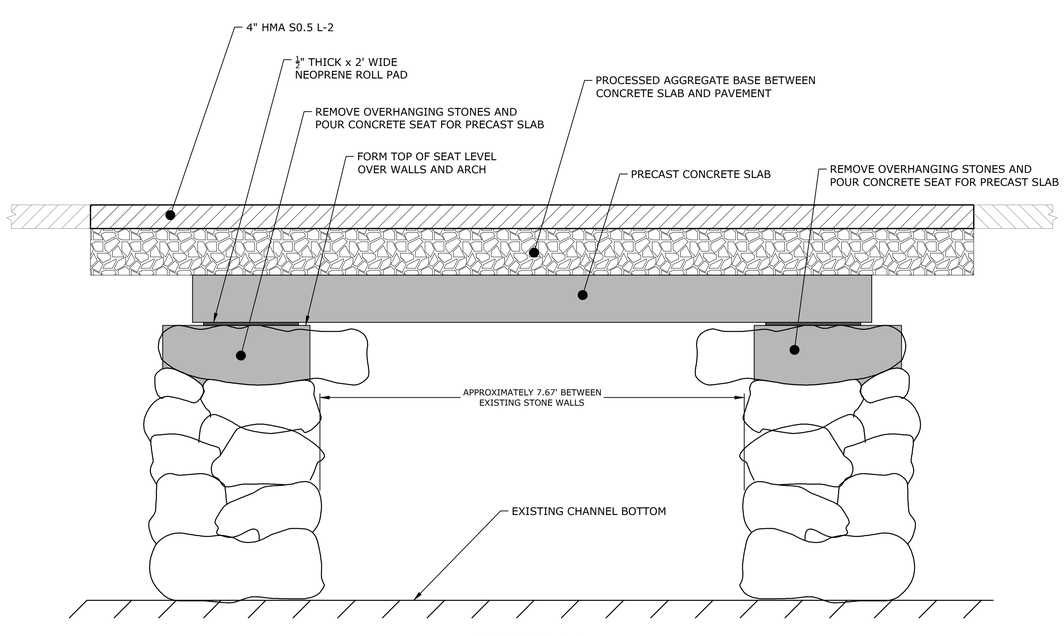
SCALE: AS SHOWN

C-100

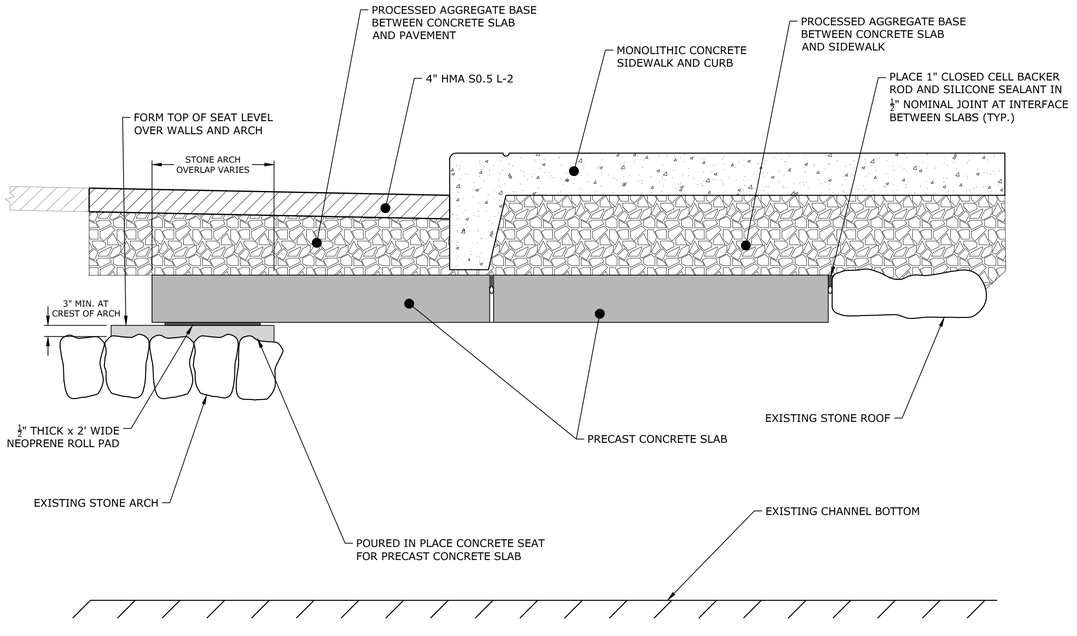
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Tighe & Bond:J:\T\T0233 Thomaston-OnCallEngr\49_Elm Street\Drawings\AutoCAD\Sheet\-0049C CULVERT REPAIR\T0233-049-C100-CULVERT REPAIR.dwg



PROPOSED CULVERT REPAIR
SCALE: 1" = 5'



SECTION A-A
NO SCALE



SECTION B-B
NO SCALE

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CONSTRUCTION DOCUMENTS

Elm Street Culvert Repair

Town of Thomaston

Thomaston, CT

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ELM STREET
CULVERT REPAIR

SCALE: AS SHOWN

C-101

Last Saved: 10/28/2026
Plotted: Oct 28, 2026 - 5:12pm By: DubuqueC
Tighe & Bond:J:\T\T0233 Thomaston-OnCallEngr\49_Elm Street\Drawings\AutoCAD\Sheet\-0049C CULVERT REPAIR\T0233-049-C100-CULVERT REPAIR.dwg

GENERAL NOTES

SPECIFICATIONS: CONSTRUCTION SHALL CONFORM TO THE CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 819 (2024), SUPPLEMENTAL SPECIFICATIONS DATED JANUARY 2026, AND SPECIAL PROVISIONS. WITHIN FORM 819, THE FOLLOWING STANDARD DEFINITIONS AND AMENDMENTS SHALL APPLY:

"CTDOT, COMMISSIONER, DEPARTMENT, DISTRICT, AND/OR STATE" SHALL REFER TO THE TOWN OF THOMASTON OR ITS ENGINEER, INSPECTOR, OR OTHER AUTHORIZED REPRESENTATIVE.

"ENGINEER OR INSPECTOR" SHALL REFER TO THE TOWN OF THOMASTON ENGINEER, INSPECTOR, OR OTHER AUTHORIZED REPRESENTATIVE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING AND PAYING FOR ALL FIELD AND LABORATORY TESTING REQUIRED. ALL LABORATORIES SHALL BE CTDOT APPROVED.

THIS PROJECT BEING BID ON A LUMP SUM BASIS, ALL PAY ITEM LANGUAGE IN FORM 819 SHALL BE NULL AND VOID.

DESIGN SPECIFICATIONS: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS (9TH EDITION - 2020), AS SUPPLEMENTED BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION BRIDGE AND ROADWAY STRUCTURE DESIGN MANUAL (RELEASE 1.1).

MATERIAL DESIGN STRENGTHS:

CONCRETE:

CLASS PCC03340 f'c = 3,000 PSI

CLASS PRC05062 f'c = 5,000 PSI

THE CONCRETE STRENGTH, f'c, USED IN DESIGN OF THE CONCRETE COMPONENTS IS NOTED ABOVE. THE COMPRESSIVE STRENGTH OF THE CONCRETE IN THE CONSTRUCTED COMPONENTS SHALL CONFORM TO THE REQUIREMENTS OF 6.01 - CONCRETE FOR STRUCTURES, AND M.03 - PORTLAND CEMENT CONCRETE.

REINFORCEMENT:

(ASTM A615 GRADE 60) fy = 60,000 PSI

DESIGN VEHICLE LIVE LOAD: HL-93.

EXISTING DIMENSIONS: ANY DEPICTIONS AND DIMENSIONS OF THE EXISTING STRUCTURE SHOWN ON THESE PLANS ARE FOR GENERAL REFERENCE ONLY. THEY ARE SCHEMATIC IN NATURE AND ARE NOT TO SCALE. THE CONTRACTOR SHALL TAKE ALL FIELD MEASUREMENTS NECESSARY TO ASSURE PROPER FIT OF THE FINISHED WORK AND SHALL ASSUME FULL RESPONSIBILITY FOR THEIR ACCURACY. WHEN DRAWINGS BASED ON FIELD MEASUREMENTS ARE SUBMITTED FOR REVIEW, THE FIELD MEASUREMENTS SHALL ALSO BE SUBMITTED FOR REFERENCE BY THE REVIEWER.

OVERHEAD LINES: THE CONTRACTOR'S ATTENTION IS DIRECTED SPECIFICALLY TO THE PRESENCE OF OVERHEAD LINES AT THE SITE. THE OVERHEAD LINES ARE TO REMAIN IN PLACE DURING CONSTRUCTION. THE CONTRACTOR'S OPERATIONS SHALL MAINTAIN A CLEAR DISTANCE OF 10'-0" FROM THE OVERHEAD POWER LINES AT ALL TIMES.

CONCRETE NOTES:

CAST-IN-PLACE CONCRETE: THE CONCRETE SEAT, WALL REPAIR AT THE DRAINAGE PIPE PENETRATION, AND ANY OTHER CAST-IN-PLACE REPAIRS DEEMED NECESSARY DURING CONSTRUCTION SHALL BE CONSTRUCTED USING CLASS PCC03340 CONCRETE. THE CONCRETE SEAT SHALL BE A MINIMUM 3,000 PSI BEFORE THE CONCRETE SLAB IS PLACED.

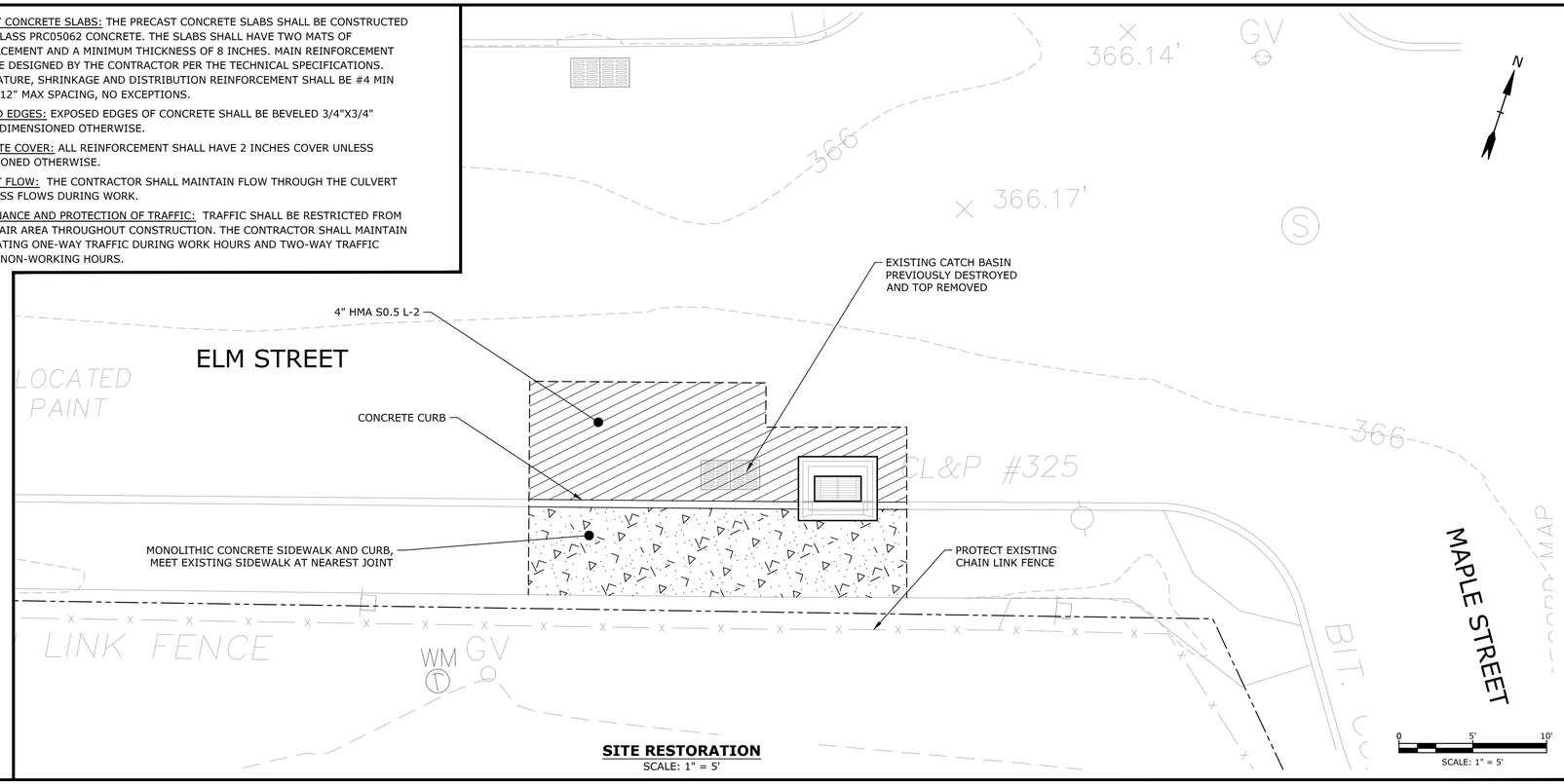
PRECAST CONCRETE SLABS: THE PRECAST CONCRETE SLABS SHALL BE CONSTRUCTED USING CLASS PRC05062 CONCRETE. THE SLABS SHALL HAVE TWO MATS OF REINFORCEMENT AND A MINIMUM THICKNESS OF 8 INCHES. MAIN REINFORCEMENT SHALL BE DESIGNED BY THE CONTRACTOR PER THE TECHNICAL SPECIFICATIONS. TEMPERATURE, SHRINKAGE AND DISTRIBUTION REINFORCEMENT SHALL BE #4 MIN BARS @ 12" MAX SPACING, NO EXCEPTIONS.

EXPOSED EDGES: EXPOSED EDGES OF CONCRETE SHALL BE BEVELED 3/4"X3/4" UNLESS DIMENSIONED OTHERWISE.

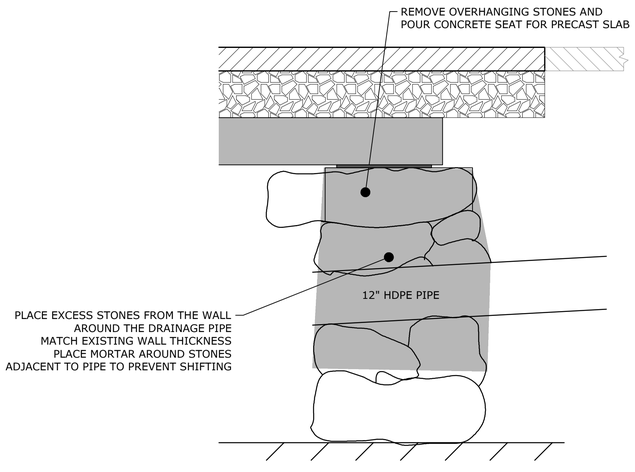
CONCRETE COVER: ALL REINFORCEMENT SHALL HAVE 2 INCHES COVER UNLESS DIMENSIONED OTHERWISE.

CULVERT FLOW: THE CONTRACTOR SHALL MAINTAIN FLOW THROUGH THE CULVERT OR BYPASS FLOWS DURING WORK.

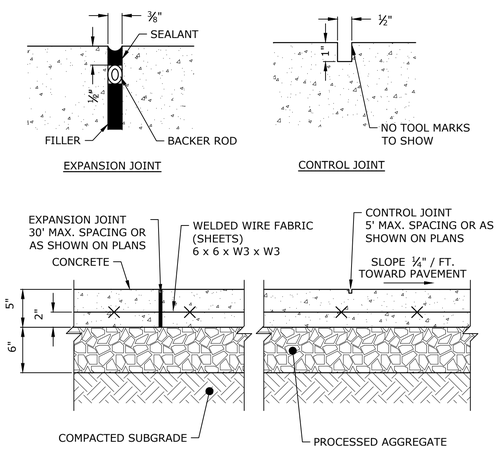
MAINTENANCE AND PROTECTION OF TRAFFIC: TRAFFIC SHALL BE RESTRICTED FROM THE REPAIR AREA THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ALTERNATING ONE-WAY TRAFFIC DURING WORK HOURS AND TWO-WAY TRAFFIC DURING NON-WORKING HOURS.



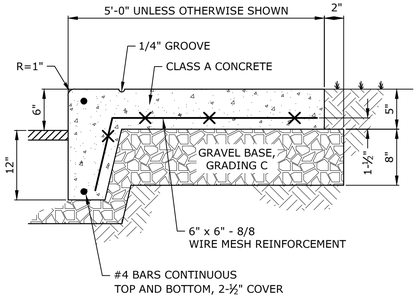
SITE RESTORATION
SCALE: 1" = 5'



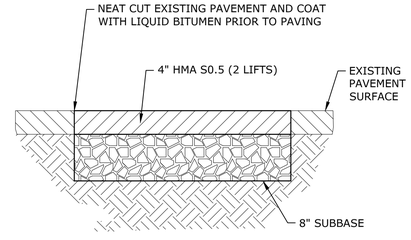
PIPE PENETRATION DETAIL
NO SCALE



CONCRETE SIDEWALK
NO SCALE



MONOLITHIC CONCRETE WALK
NO SCALE



NOTES:

1. ALL BITUMINOUS CONCRETE, AGGREGATE, STABILIZED COURSE, SUBBASE AND LIQUID BITUMEN SHALL CONFORM TO THE MATERIALS EQUIPMENT AND CONSTRUCTION REQUIREMENTS AS PER STATE SPECIFICATIONS.

PERMANENT PAVEMENT REPAIR
NO SCALE

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DESIGNED BY:	C. Dubuque
CHECKED BY:	J. Richer
APPROVED BY:	C. Granatini

ELM STREET RESTORATION AND CULVERT REPAIR DETAILS

SCALE: AS SHOWN

C-102

Last Saved: 10/28/2026
Plotted On: 10/28/2026 5:12pm By: DubuqueC
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