

ADDENDUM NO. 1

**TOWN OF LEWIS
CARLOTT ROAD BRIDGE CONSTRUCTION**

TO: All Bidders

DATE: March 28, 2013

This Addendum, issued to bid document holders of record, indicates changes to the bid documents for the *CARLOTT ROAD BRIDGE CONSTRUCTION* Bid Opening April 17, 2013.

Please find attached the DRAWINGS for the bid which were omitted.

END OF ADDENDUM #1

CARLOTT ROAD OVER SPRUCE MILL BROOK BRIDGE REPLACEMENT

TOWN OF LEWIS, N.Y.
ESSEX COUNTY DEPARTMENT
OF PUBLIC WORKS

SP SCHODER RIVERS
ASSOCIATES

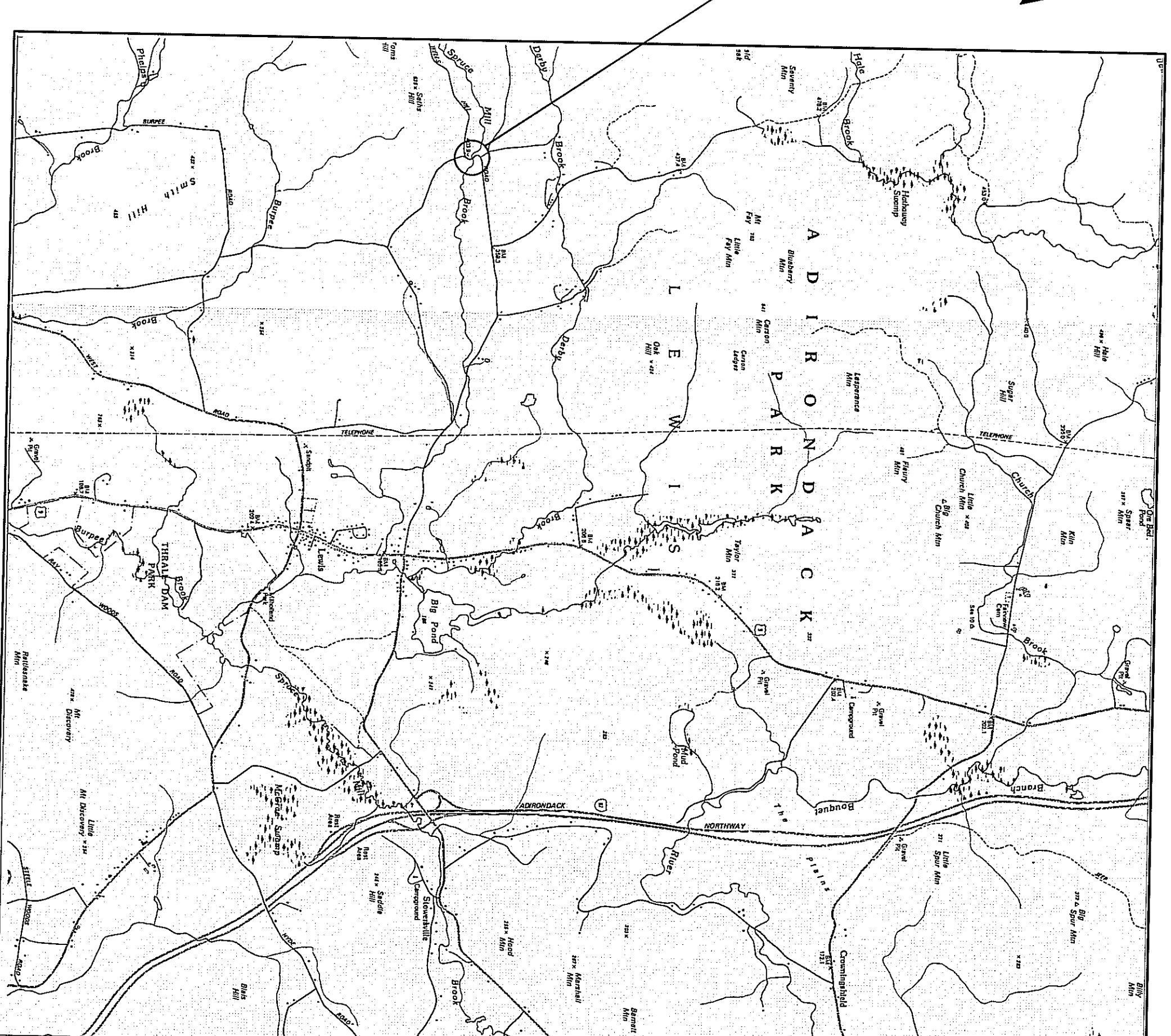
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Queensbury, New York 12804
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DRAWING INDEX

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C-2	ROADWAY PROFILE AND SITE DETAILS
S-1	DECK FRAMING PLAN, AND SECTIONS
S-2	BRIDGE SECTIONS AND DETAILS
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PROJECT
LOCATION



LOCATION MAP

N.T.S.

GENERAL NOTES (CONT.)

10. SUBMITTALS: THE CONTRACTOR SHALL SUBMIT MAX. (5) COPIES OF THE FOLLOWING ITEMS TO THE ARCHITECT FOR REVIEW AND APPROVAL: (1) SHOP DRAWINGS, (2) MATERIALS AND MANUFACTURING INFORMATION, (3) TEST RESULTS, (4) QUALITY CONTROL AND QA RECORDS, (5) INFORMATION MAY BE SUBMITTED ELECTRONICALLY. NO FABRICATION OF THESE ITEMS SHALL BE PERMITTED UNTIL THE SUBMITTALS HAVE BEEN REVIEWED AND ACCEPTED.
 - A. SHOP DRAWINGS.
 - B. CONCRETE MIX DESIGNS.
 - C. CONCRETE REINFORCING STEEL SHOP DRAWINGS.
 - D. GEOTEXTILE FABRIC.
 - E. SILL PERIMETER SUBBASE GRADATION REPORTS.
 - F. SILL PERIMETER SUBBASE GRADATION REPORTS.
 - G. DRAINAGE BOARD.
 - H. MEMBRANE WATERPROOFING.
 - I. NON-SHRINK GROUT.
 - J. DETERMINING PLANT.
11. REFER SPECIFICATION 03412 FOR SUBMITTALS TO BE PROVIDED BY THE PRECAST CONCRETE STRUCTURES SUPPLIER FOR THE PRECAST BOARDING. REFER TO MINIMUM SIZING NOTES, THIS DRAWING, FOR SUBMITTALS REQUIRED TO BE PROVIDED BY THE PRECAST CONCRETE STRUCTURES SUPPLIER FOR THE MINIMUM SIZING.
12. THE WORK SHALL CONFORM WITH THE REQUIREMENTS OF

CONCRETE NOTES

1. EXIST-PLACE CONCRETE FOR THE FOUNDATIONS AND HANDMAILS SHALL BE MSDOT ITEM 565.01.5, CLASS A.
2. CONCRETE WORK SHALL COMPLY WITH THE REQUIREMENT OF MSDOT SPECIFICATION SECTION 555, "STRUCTURAL CONCRETE".
3. CONTRACTOR TO NOTE THAT AMBIENT AIR TEMPERATURE DURING THE CONSTRUCTION PERIOD ANTICIPATED FOR CONCRETE WORK MAY REQUIRE PROVISIONS FOR COLD WEATHER CONCRETE. CONTRACTOR SHALL BE RESPONSIBLE TO INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR SUCCEEDING WITH COLD WEATHER CONCRETING.
4. ALL REINFORCING STEEL SHALL BE EPOXY COATED TO COMPLY WITH THE REQUIREMENTS OF MSDOT SPECIFICATION SECTION 709-04, UNLESS NOTED OTHERWISE. PLACEMENT OF REINFORCING STEEL SHALL

EXISTING CONCRETE SHALL BE SIKA ARMATEC 110 MANUFACTURED BY SIKA CORP. OR EQUIVALENT.

7. NON-SHRINKING GROUT SHALL BE "5-SM" GROUT AS MANUFACTURED BY THE STAR PRODUCTS, INC., MAX AND PLACE GROUT IN CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS.
8. GROUTING FOR BRIDGE DECK JOINTS SHALL COMPLY WITH THE REQUIREMENTS OF MNSOT SPECIFICATION SECTION 701-06 "CEMENT BASED GROUT MATERIALS FOR SHEAR KEYS".
9. THE OWNER SHALL RETAIN A TESTING LABORATORY CERTIFIED BY THE NYS DEPARTMENT OF TRANSPORTATION TO CONDUCT CONCRETE TESTING DURING CONSTRUCTION. REPRESENTATIVES OF THE TESTING LABORATORY SHALL BE PRESENT AT ALL PLACEMENT OPERATIONS AS SPECIFIED IN MNSOT SPECIFICATION SECTION 555. THE FOLLOWING TESTING SHALL BE

- EARTHWORK NOTES**
1. EXCAVATION SHALL BE TO ELEVATIONS INDICATED WITH A TOLERANCE OF PLUS OR MINUS 1" EXCAVATIONS SHALL BE ON

2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CAST-IN-PLACE CONCRETE

3. BACKFILL MATERIALS FOR THE WINOWALS AND BRIDGE STRUCTURE SHALL BE STRUCTURAL FILL CONFORMING WITH MSDOT SPEC SECTION 733-03.04, SUBBASE MATERIAL, TYPE 4. EXCAVATED SITE MATERIAL MAY BE USED FOR GENERAL FILLING, OUTSIDE THE EXCAVATION LIMITS OF THE STRUCTURES.
 4. ALL BACKFILL SHALL BE PLACED IN MAXIMUM 12" LIFTS AND COMPACTED TO 98% OF THE MAXIMUM DENSITY AS ESTABLISHED THROUGH THE MODIFIED PROCTOR COMPACTION TEST PER ASTM D-1557.
 5. MATERIAL STOCKPILES, IF REQUIRED, SHALL BE LOCATED WHOLLY WITHIN THE WORK AREA. ADDITIONAL SILT FENCES SHALL BE PROVIDED AT THE BASE OF ALL STOCKPILES.
- ALL TRENCES AND OTHER EXCAVATION SHOE SLOPES

SLOPE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUACY AND STABILITY OF ALL EXPOSED SLOPES.

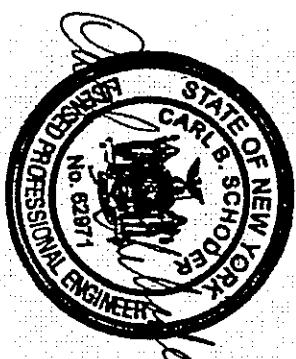
- MEANS REQUIRED FOR A SAFE WORK ENVIRONMENT AND FOR PROTECTION OF ADJACENT ROADWAYS AND OTHER STRUCTURES. ALL EXCAVATION WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING REGULATORY AGENCIES:
- SUBPART 23-4, "EXCAVATION OPERATIONS", OF NEW YORK DEPARTMENT OF LABOR INDUSTRIAL CODE RULE 23.
- SUBPART B, "EXCAVATIONS", OF THE UNITED STATES DEPARTMENT OF LABOR OSHA REGULATIONS FOR CONSTRUCTION.
- ALL OTHER MUNICIPAL, COUNTY, STATE OR FEDERAL AGENCIES, REGULATIONS OR LAWS PERTAINING TO EXCAVATION SAFETY AS MAY APPLY AT THE WORK SITE.

MINIMUM REQUIREMENTS AND SHALL BE TO PROVIDE SAFE WORKING CONDITIONS

7. CRUSHED STONE, WHERE CALLED FOR ON THE DRAWINGS, SHALL CONFORM TO NEW YORK STATE DEPARTMENT OF TRANSPORTATION AND GENERAL SERVICES SECTION 207-02. SIZE DESIGNATION 2. THE STONE SHALL BE PLACED IN MAXIMUM 12" LIFTS AND SHALL BE WELL COMPACTED WITH A VIBRATORY PLATE TAMPER OR OTHER SUITABLE EQUIPMENT.
8. ALL NEW GRADES SHALL BE BLENDED SMOOTHLY WITH EXISTING GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN NEW GRADES AND EXISTING SURFACES TO REMAIN.
9. GEOTEXTILE FABRIC SHALL COMPLY WITH NYSOTD STANDARD SPECIFICATION SECTION 207. ALL FABRIC SHALL APPEAR ON THE NYSOTD LIST OF APPROVED MATERIALS FOR THE USE INDICATED.
10. TOPSOIL SHALL COMPLY WITH NYSOTD STANDARD SPEC. SECTION 610.
11. SEEDING AND MULCHING SHALL COMPLY WITH NYSOTD STANDARD SPEC. SECTION 610.
12. THE OWNER SHALL RETAIN AN INDEPENDENT QUALIFIED

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REVISIONS		
REV.	DATE	DESCRIPTION
0	2/1/13	FOR REVIEW
1	2/11/13	FOR CONSTRUCTION
2	3/20/13	CHANGES PER COUNTY REVIEW.



UNAUTHORIZED ALTERATION OR ADDITION TO
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SCALE:	AS NOTED	DRAWN BY:	SRA
DATE:	2/1/13	ENG. BY:	EBH
PROJ. NO. 12-474.10		CHK'D BY:	CBS

CLIENT NAME
 ESSEX COUNTY DEPARTMENT
 OF PUBLIC WORKS
 ELIZABETHTOWN, N.Y.

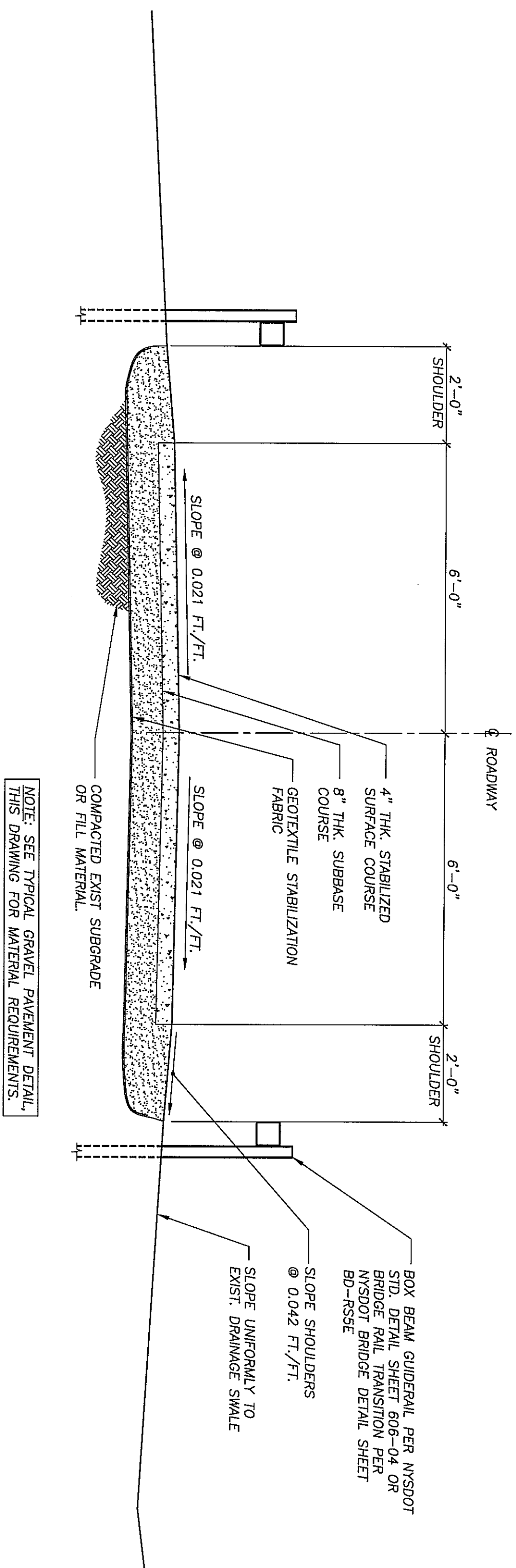
DRAWING TITLE
CARLOTT ROAD BRIDGE
OVER SPRUCE MILL BROOK
BRIDGE REPLACEMENT

GENERAL NOTES

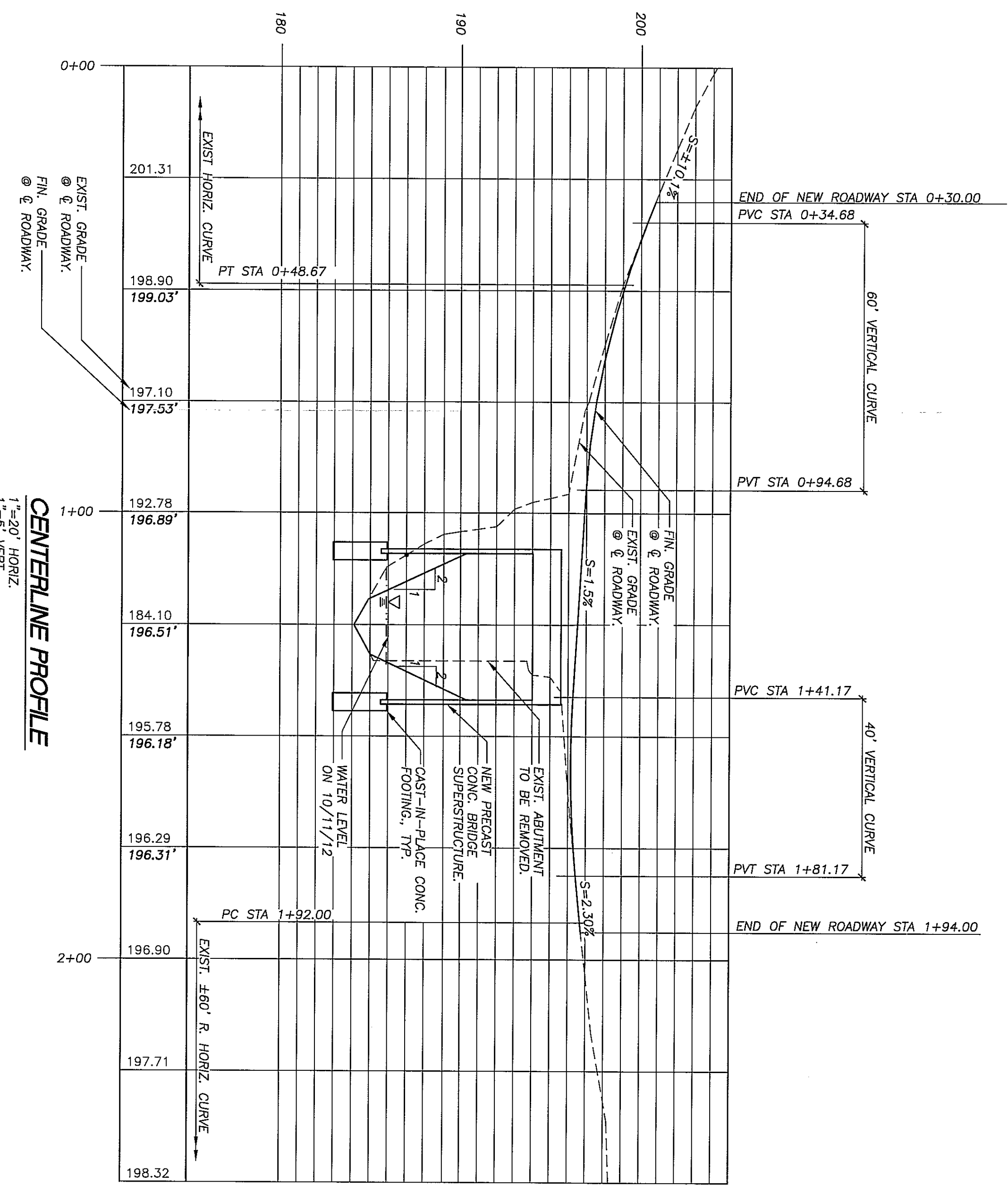
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SHT. 1 OF 1

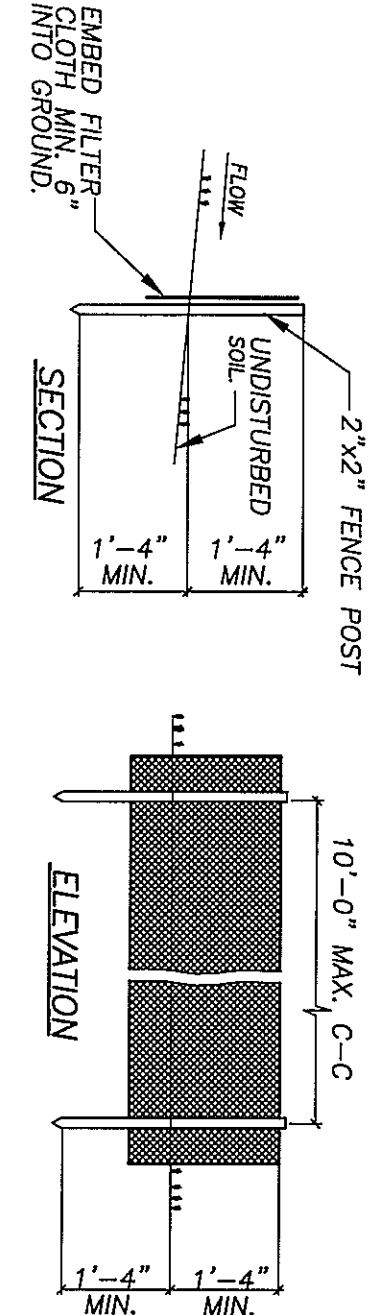
REV. 2



TYPICAL ROADWAY SECTION
1/2"=1'-0"

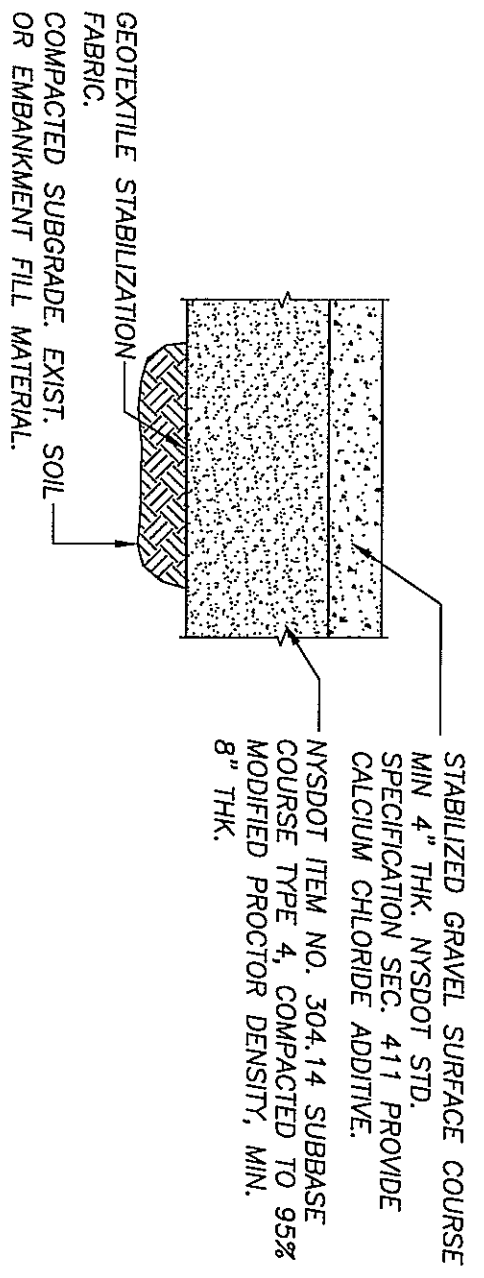


CENTERLINE PROFILE
1"=20' HORIZ.
1"=5' VERT.

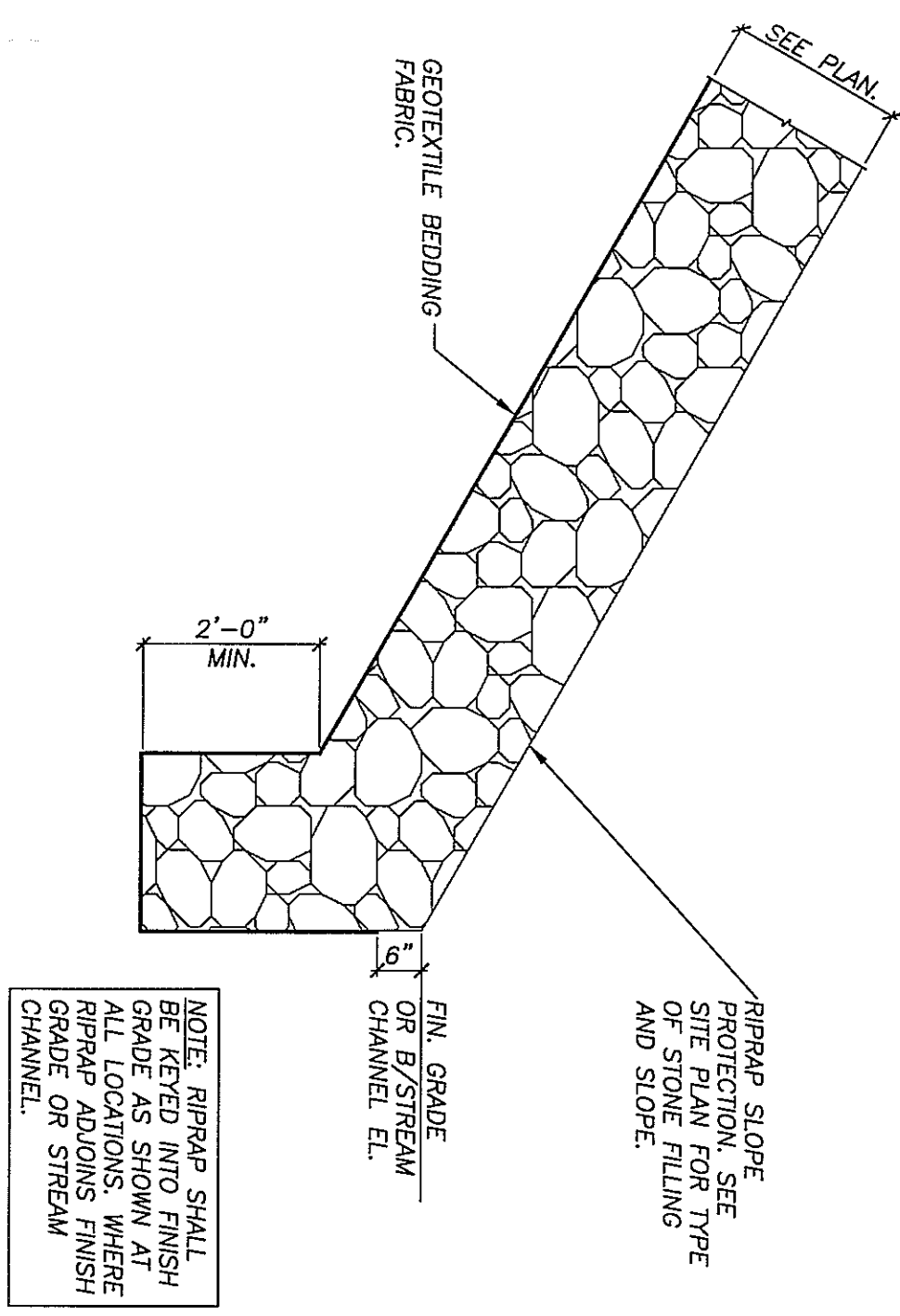


- NOTES**
1. FILTER CLOTH TO BE FASTENED SECURELY TO POSTS WITH STAPLES OR TIES AT 6" MAX. SPACING.
 2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY MUST BE OVERLAPPED AND NEEDED.
 3. MAINTENANCE SHALL BE PERFORMED AS NEEDED, AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL
N.T.S.



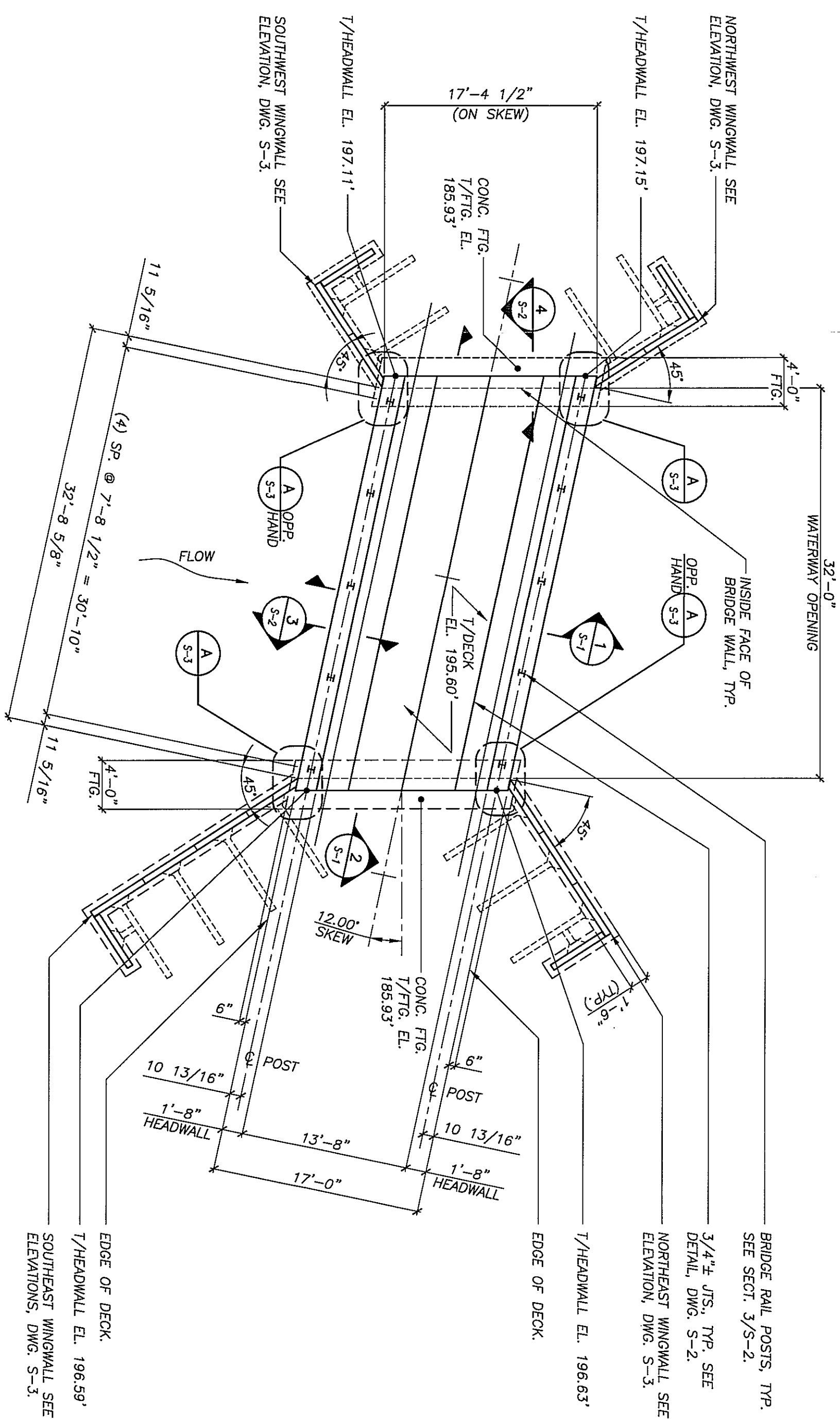
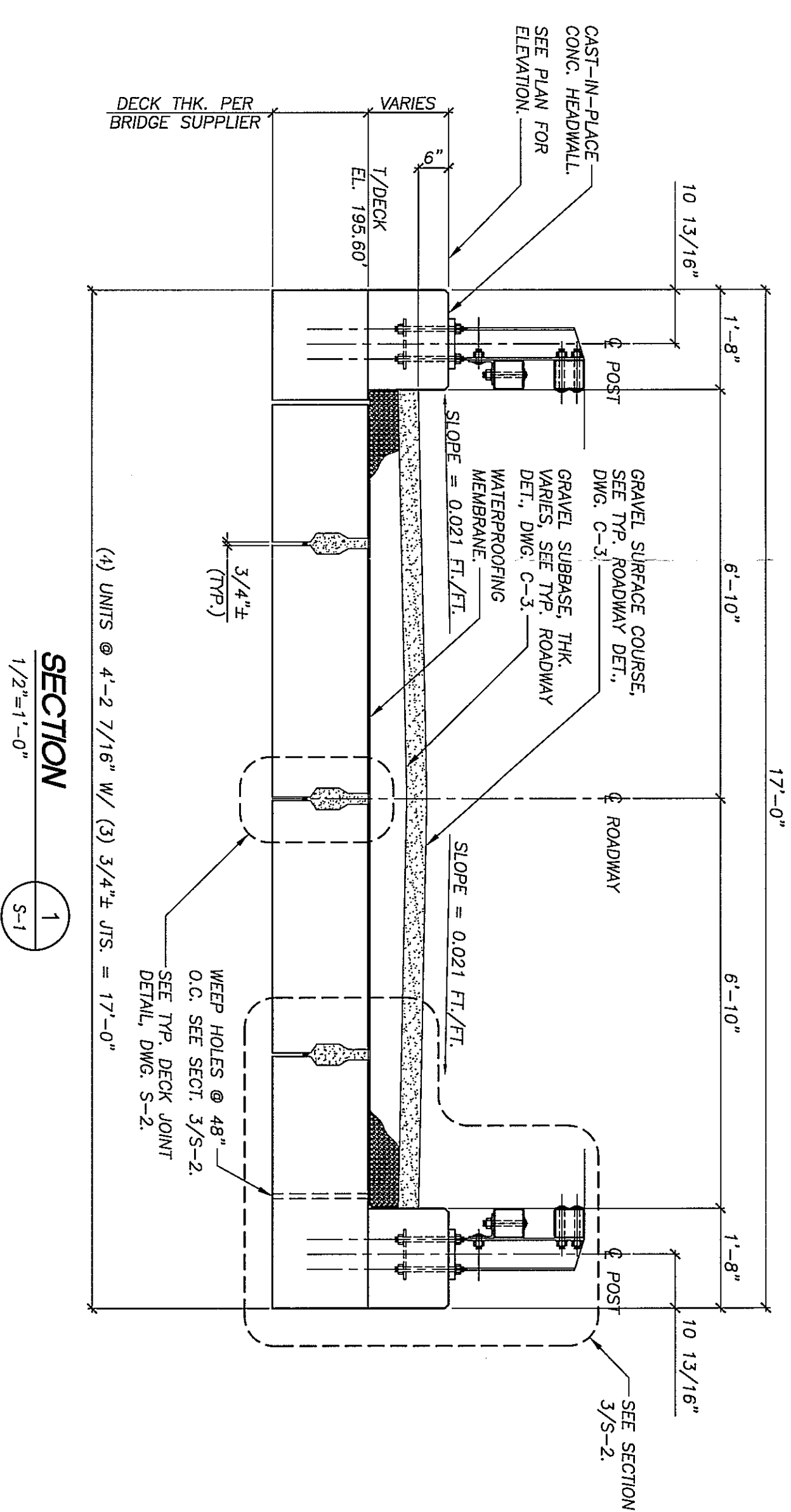
TYPICAL GRAVEL PAVEMENT DETAIL
N.T.S.



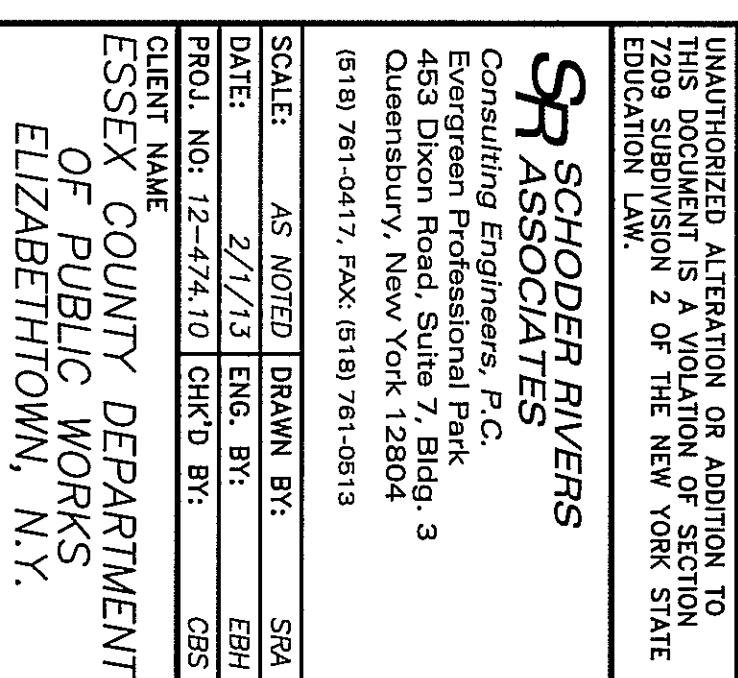
RIPRAP KEYING DETAIL
N.T.S.

SEE PROJECT COORDINATION NOTES ON DWG. N-1 FOR DESCRIPTIONS OF WORK TO BE PERFORMED BY THE CONTRACTOR, OWNER AND PRECAST CONCRETE STRUCTURES SUPPLIER.

		SCHODER RIVERS SR ASSOCIATES Consulting Engineers, P.C. Evergreen Professional Park 463 Dixon Road, Suite 7, Bldg. 3 Queensbury, New York 12804 (518) 761-0417, FAX: (518) 761-0513
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ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS ELIZABETHTOWN, N.Y.		
DRAWING TITLE CARLOTT ROAD BRIDGE OVER SORUCE MILL BROOK BRIDGE REPLACEMENT ROADWAY PROFILE AND SITE DETAILS		
DRAWING NO. C-2		SHEET 2 OF 2 REV. 2
REV. DATE DESCRIPTION 0 2/1/13 FOR REVIEW 1 2/11/13 FOR CONSTRUCTION 2 3/20/13 CHANGES PER COUNTY REVIEW.	SCALE: AS NOTED DRAWN BY: SRA DATE: 2/1/13 ENG. BY: EBH PROJ. NO: 12-474.10 CHK'D BY: CBS CLIENT NAME:	

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REVISIONS		
REV.	DATE	DESCRIPTION
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1	3/1/13	CHANGES PER COUNTY
2	3/20/13	REVIEW.



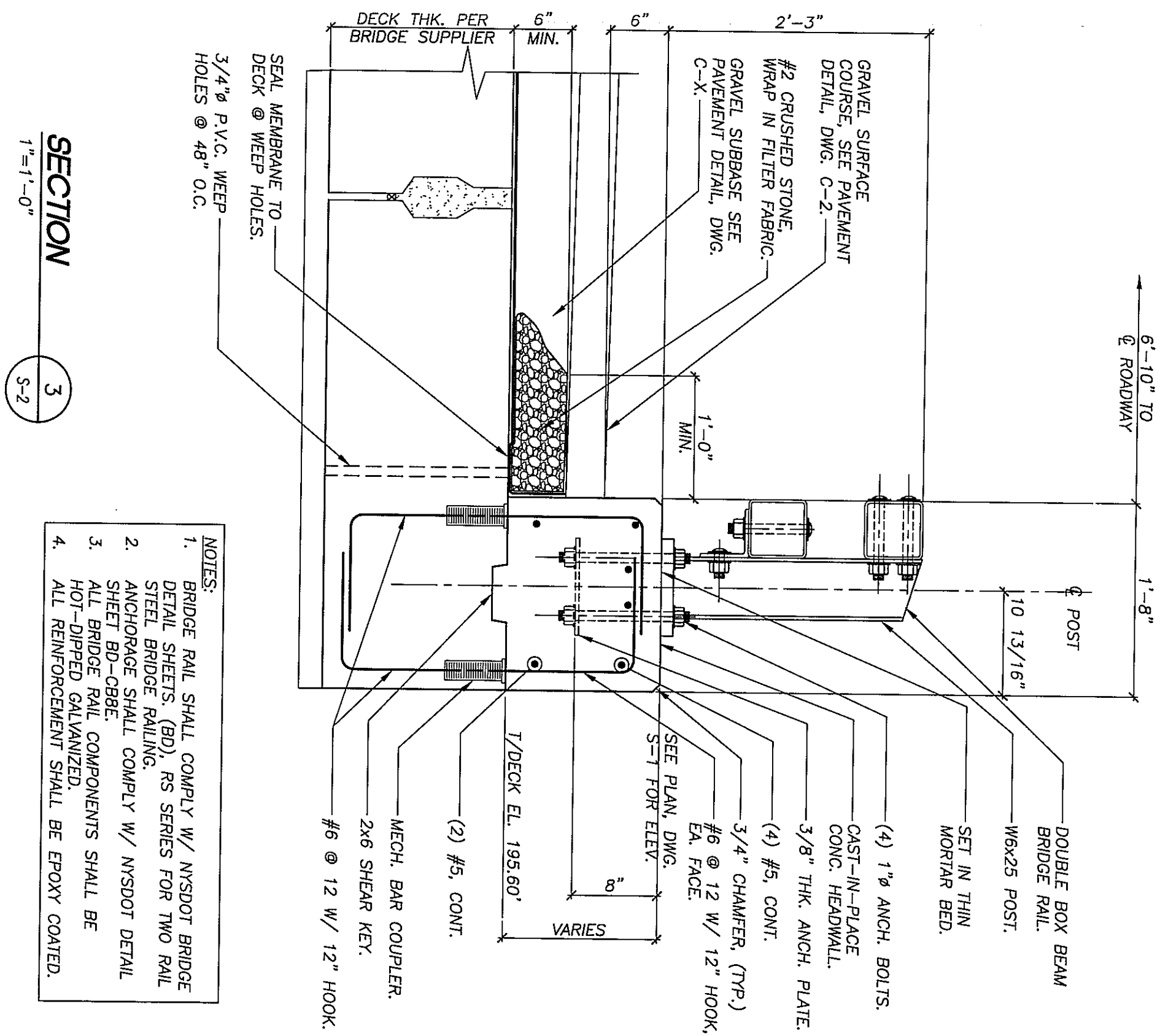
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DRAWING TITLE
CARLOTT ROAD BRIDGE
OVER SPRUCE MILL BROOK
BRIDGE REPLACEMENT
DECK FRAMING PLAN
AND SECTIONS

DRAWING NO. **S-1**

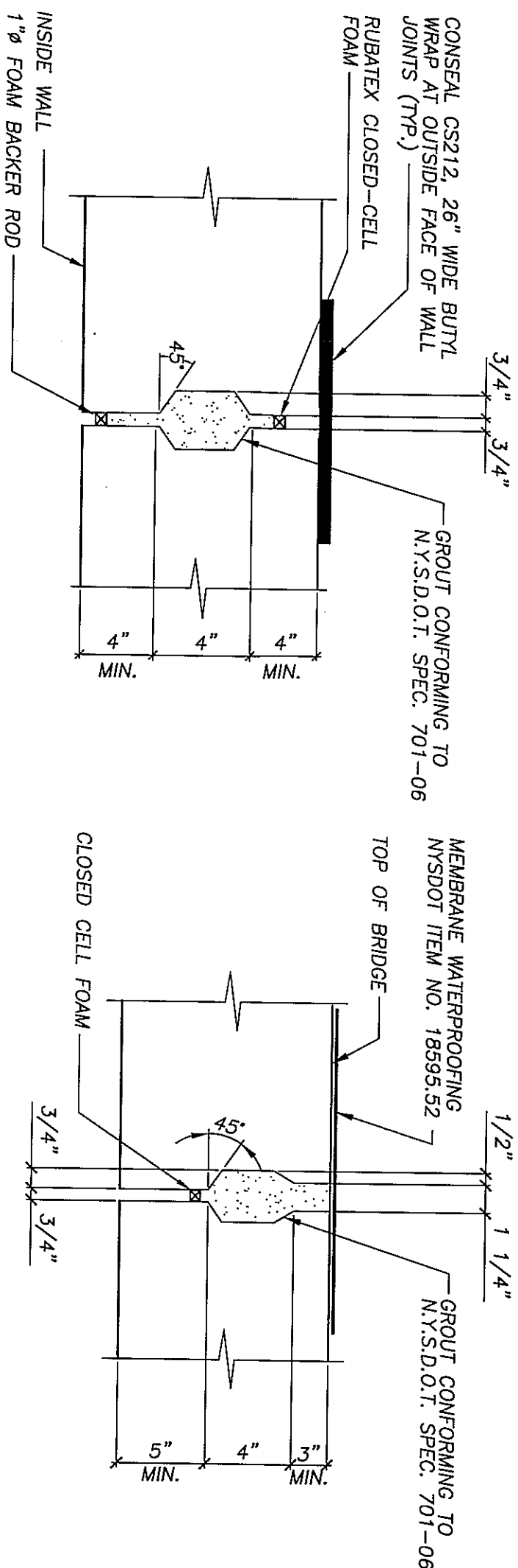
SHEET 1 OF 3

REV. 2

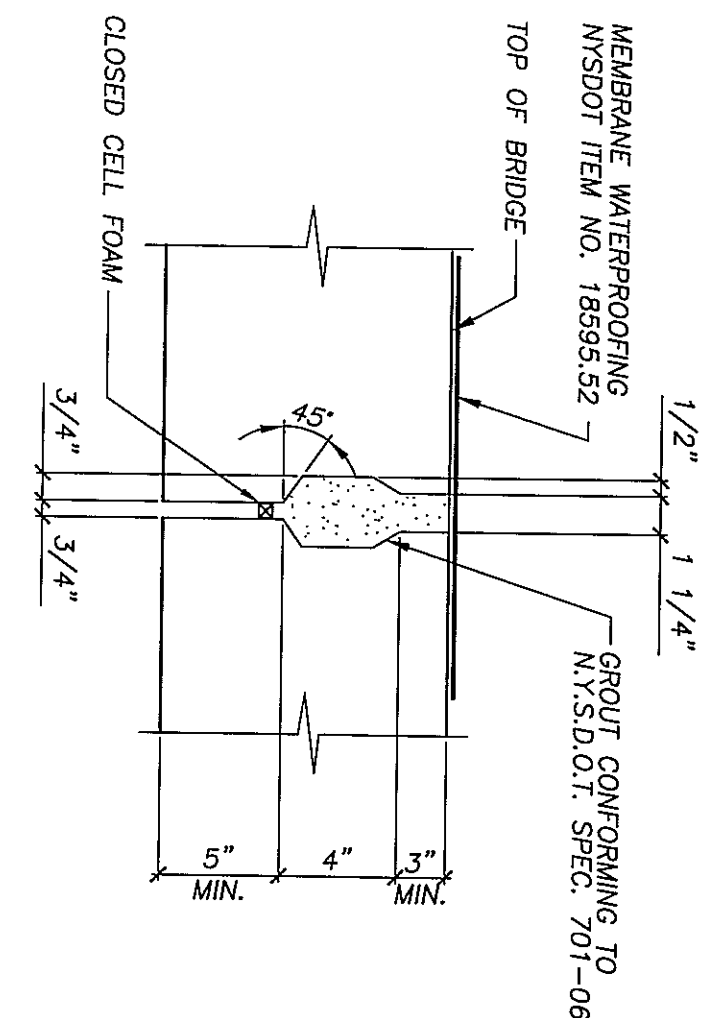


SECTION 3
1"=1'-0"

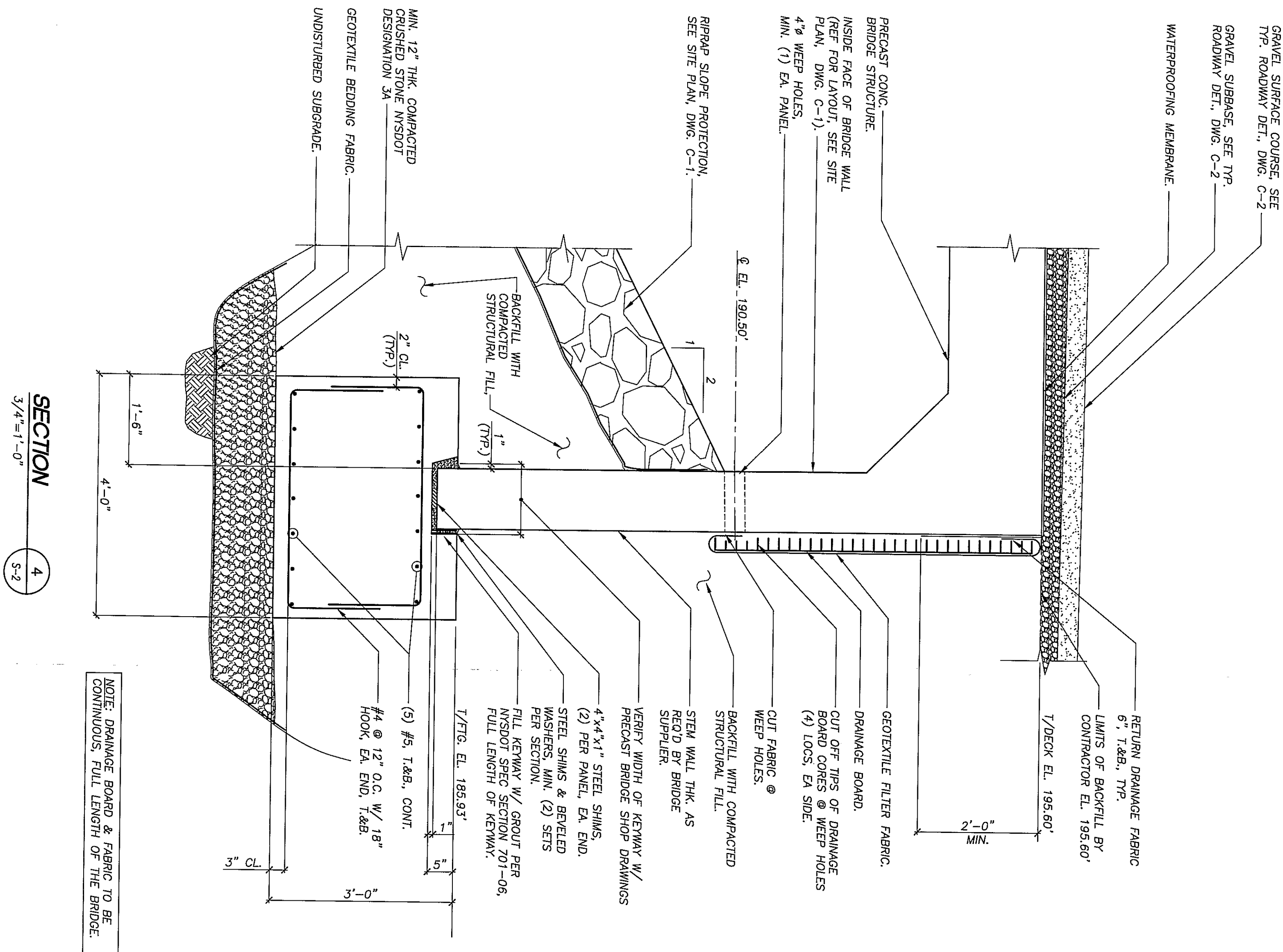
- NOTES:
1. BRIDGE RAIL SHALL COMPLY W/ NYS DOT BRIDGE DETAIL SHEETS, (BD), RS SERIES FOR TWO RAIL STEEL BRIDGE RAILING.
 2. BRIDGE RAIL SHALL COMPLY W/ NYS DOT DETAIL SHEET BD-CR-08.
 3. ALL BRIDGE RAIL COMPONENTS SHALL BE HOT-DIPPED GALVANIZED.
 4. ALL REINFORCEMENT SHALL BE EPOXY COATED.



TYPICAL BRIDGE WALL JOINT DETAIL
N.T.S.



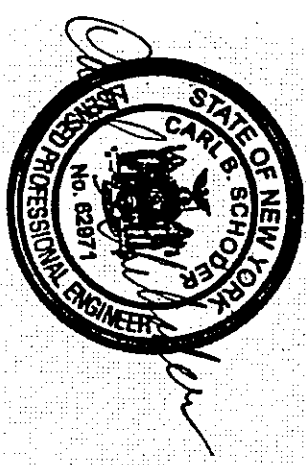
TYPICAL BRIDGE DECK JOINT DETAIL
N.T.S.



SECTION 4
3/4"=1'-0"

NOTE: DRAINAGE BOARD & FABRIC TO BE CONTINUOUS, FULL LENGTH OF THE BRIDGE.

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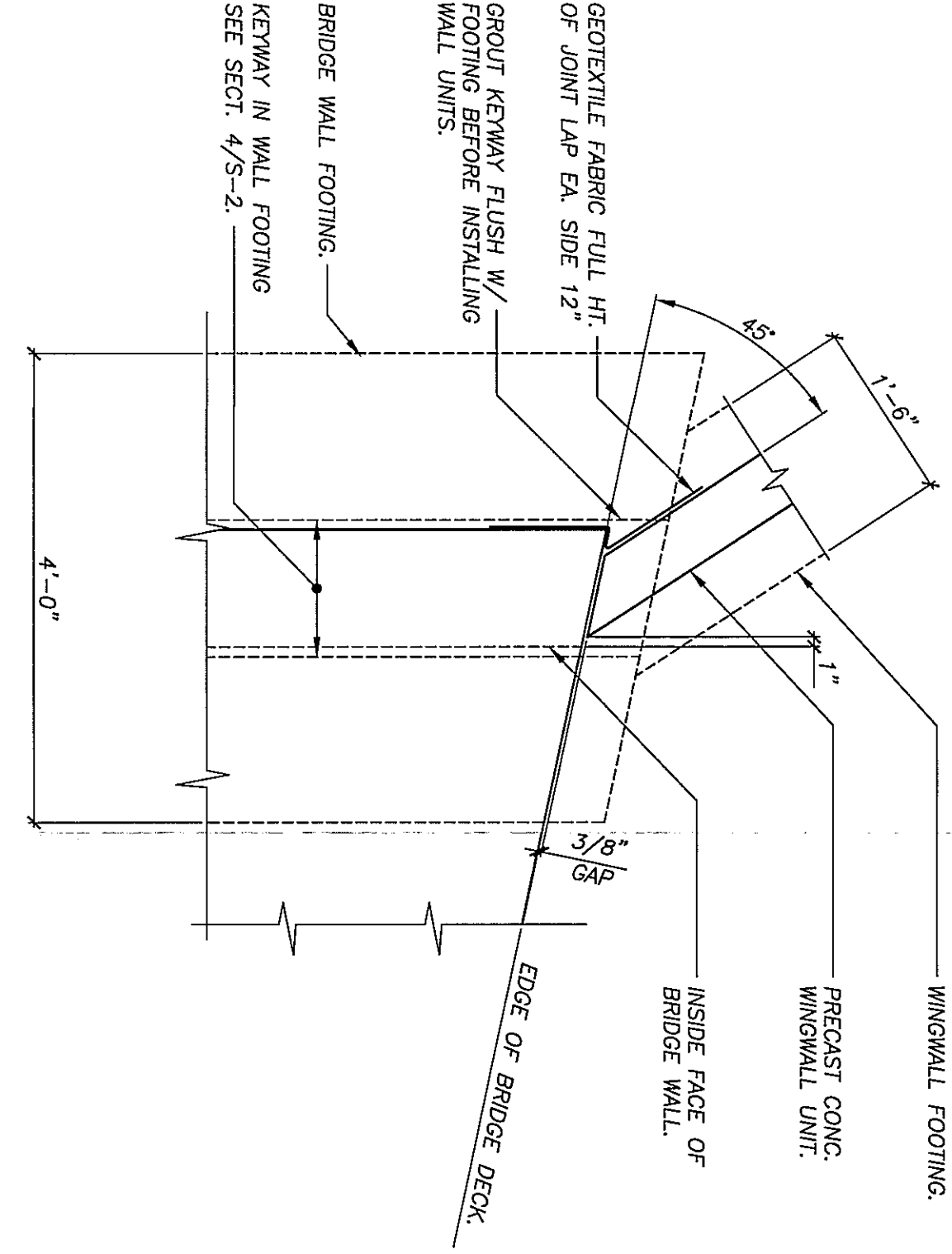
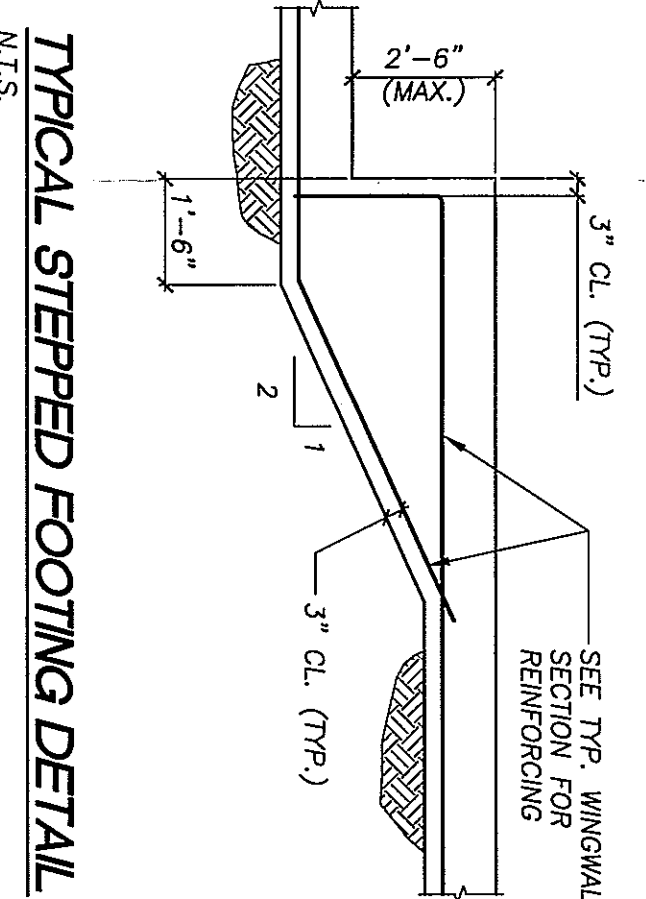
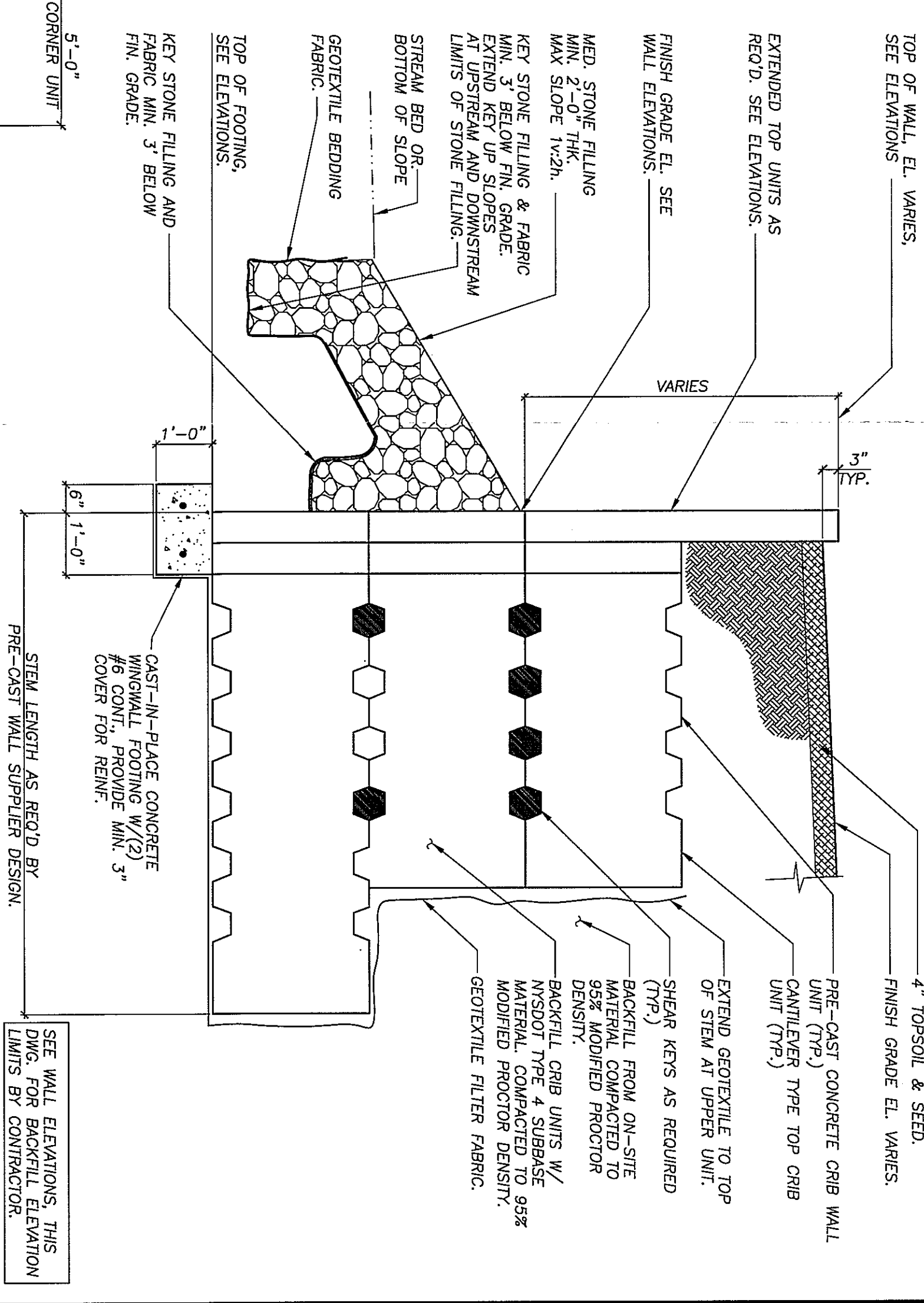
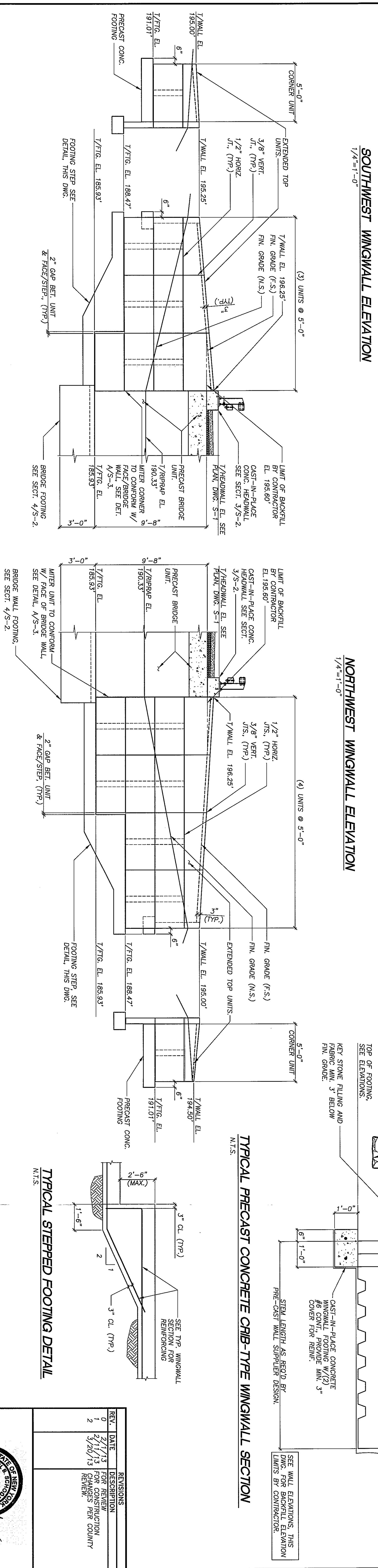
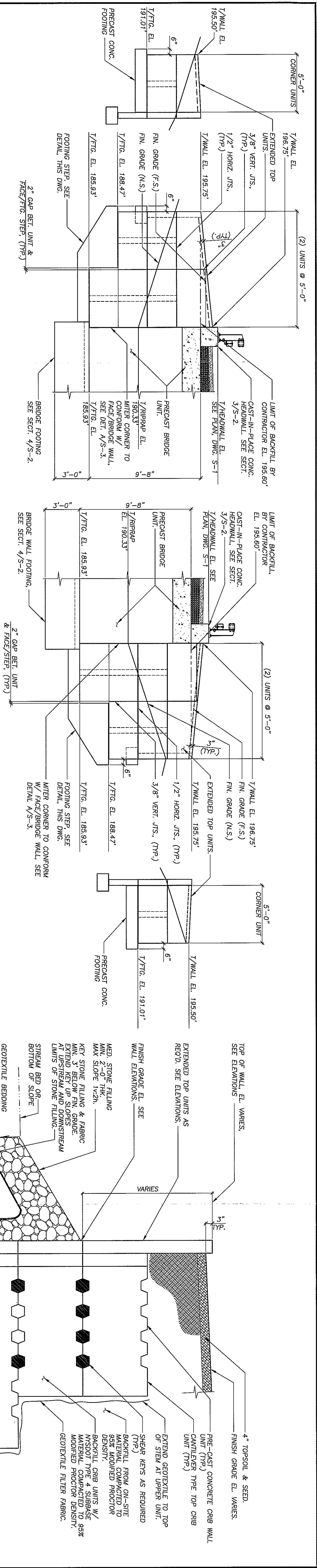
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ELIZABETHTOWN, N.Y.

DRAWING TITLE
CARLOTT ROAD BRIDGE
OVER SPRUCE MILL BROOK
BRIDGE REPLACEMENT
SECTIONS AND DETAILS

DRAWING NO. SH. 2 OF 3
S-2 REV. 2

REV.	DATE	DESCRIPTION
0	2/1/13	FOR CONSTRUCTION
1	2/1/13	CHANGES PER COUNTY REVIEW
2	3/26/13	



SEE PROJECT COORDINATION NOTES ON DWG. N-1 FOR DESCRIPTIONS OF WORK TO BE PERFORMED BY THE CONTRACTOR, OWNER AND PRECAST CONCRETE STRUCTURES SUPPLIER.



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DRAWING TITLE
CARLIOTT ROAD BRIDGE
OVER SPRUCE MILL BROOK
BRIDGE REPLACEMENT
WINGWALL ELEVATIONS
AND DETAILS

DRAWING NO.
S-3

REV.
2

SHT.
3 OF 3