Click to return to main document

AS-BUILT DRAWINGS FOR EAST BRANCH HOUSATONIC RIVER REMEDIATION PROJECT PHASE I & TRANSITION PHASE I/2 PITTSFIELD, MASSACHUSETTS

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WESTON SOLUTIONS

SEVENSON ENVIRONMENTAL SERVICES, INC.

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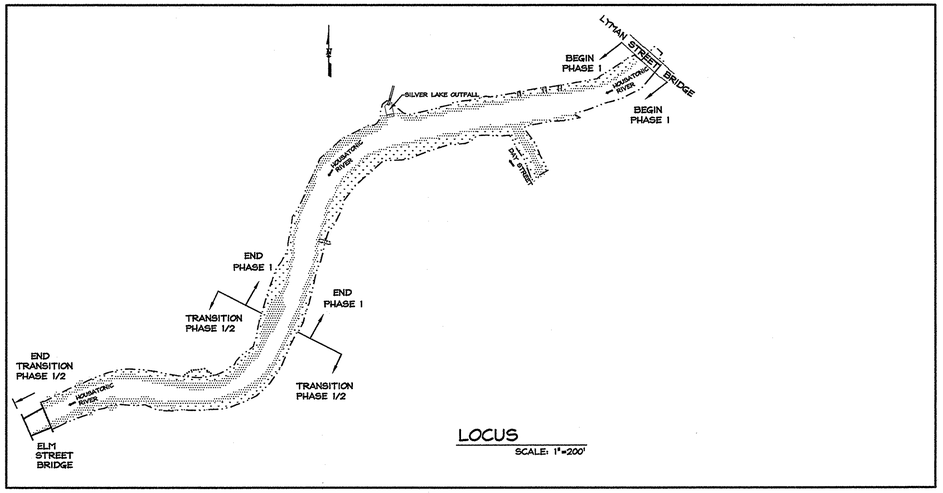
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

US Army Corps of Engineers New England District



LOCUS
SCALE: 1"=200'

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C-101 B & C-102 B - NAPL EXCAVATION
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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: TITLE SHEET

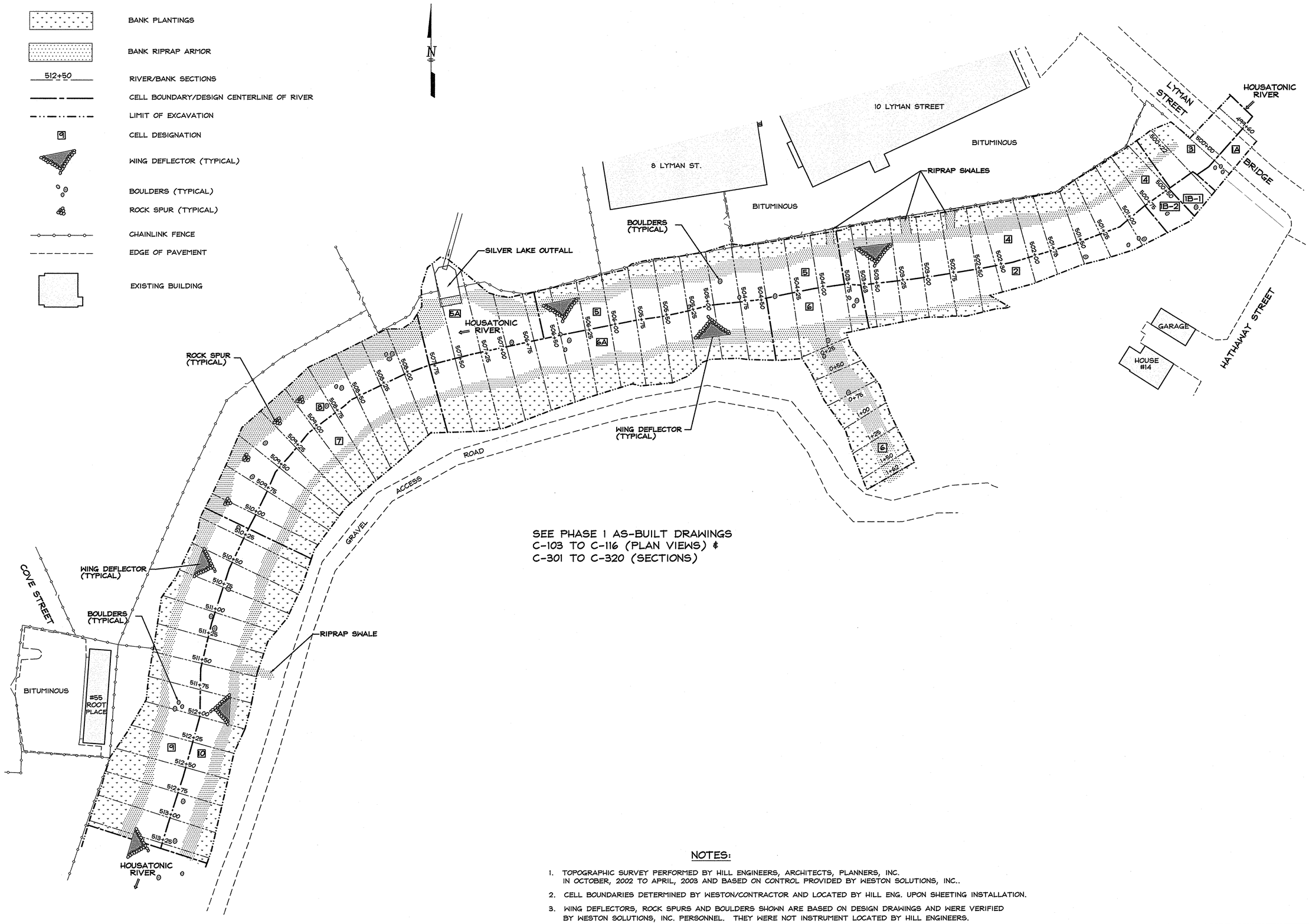
PROJECT DESCRIPTION: PHASE I AS-BUILT DRAWINGS

DRAWN BY: JR
DATE DRAWN: 1-12-04
SCALE: AS-NOTED
APV'D BY:

CAD CODE: SRV-758-T0.DWG
GRAPHIC SCALE:
PROJECT NUMBER: SRV-758-19
DRAWING NUMBER: G-100
REV.: B

LEGEND

- BANK PLANTINGS
- BANK RIPRAP ARMOR
- 512+50 — RIVER/BANK SECTIONS
- CELL BOUNDARY/DESIGN CENTERLINE OF RIVER
- LIMIT OF EXCAVATION
- 9 — CELL DESIGNATION
- WING DEFLECTOR (TYPICAL)
- BOULDERS (TYPICAL)
- ROCK SPUR (TYPICAL)
- CHAINLINK FENCE
- EDGE OF PAVEMENT
- EXISTING BUILDING



SEE PHASE 1 AS-BUILT DRAWINGS
C-103 TO C-116 (PLAN VIEWS) &
C-301 TO C-320 (SECTIONS)

NOTES:

1. TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN OCTOBER, 2002 TO APRIL, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. CELL BOUNDARIES DETERMINED BY WESTON/CONTRACTOR AND LOCATED BY HILL ENG. UPON SHEETING INSTALLATION.
3. WING DEFLECTORS, ROCK SPURS AND BOULDERS SHOWN ARE BASED ON DESIGN DRAWINGS AND WERE VERIFIED BY WESTON SOLUTIONS, INC. PERSONNEL. THEY WERE NOT INSTRUMENT LOCATED BY HILL ENGINEERS.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: KEY MAP STATIONS 499+60 TO 513+25

DRAWN BY	JR
DATE DRAWN	11-13-03
SCALE	1"=40'
APV'D BY	

CAD CODE: SRV-758-3OVERALLAB.DWG

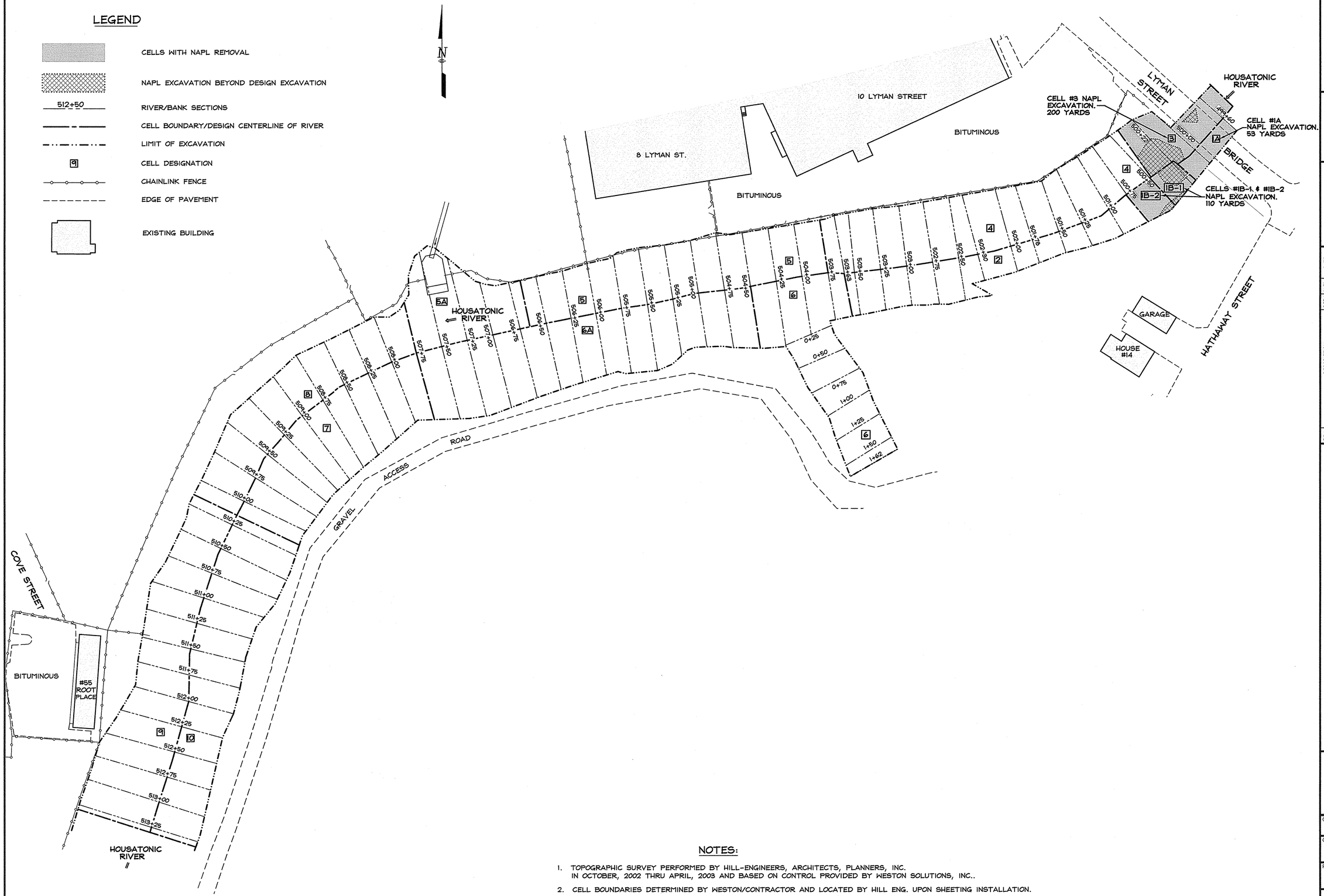
GRAPHIC SCALE: 0 40 80

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-101 A	B

LEGEND

- CELLS WITH NAPL REMOVAL
- NAPL EXCAVATION BEYOND DESIGN EXCAVATION
- 512+50 — RIVER/BANK SECTIONS
- CELL BOUNDARY/DESIGN CENTERLINE OF RIVER
- LIMIT OF EXCAVATION
- 9 — CELL DESIGNATION
- CHAINLINK FENCE
- EDGE OF PAVEMENT
- EXISTING BUILDING



NOTES:

1. TOPOGRAPHIC SURVEY PERFORMED BY HILL-ENGINEERS, ARCHITECTS, PLANNERS, INC. IN OCTOBER, 2002 THRU APRIL, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		2-5-07

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: NAPL EXCAVATION STATIONS 499+60 TO 513+25

DRAWN BY	JR
DATE DRAWN	2-2-07
SCALE	1"=40'
APV'D BY	

CAD CODE: SRV-758-3OVERALLAB.DWG

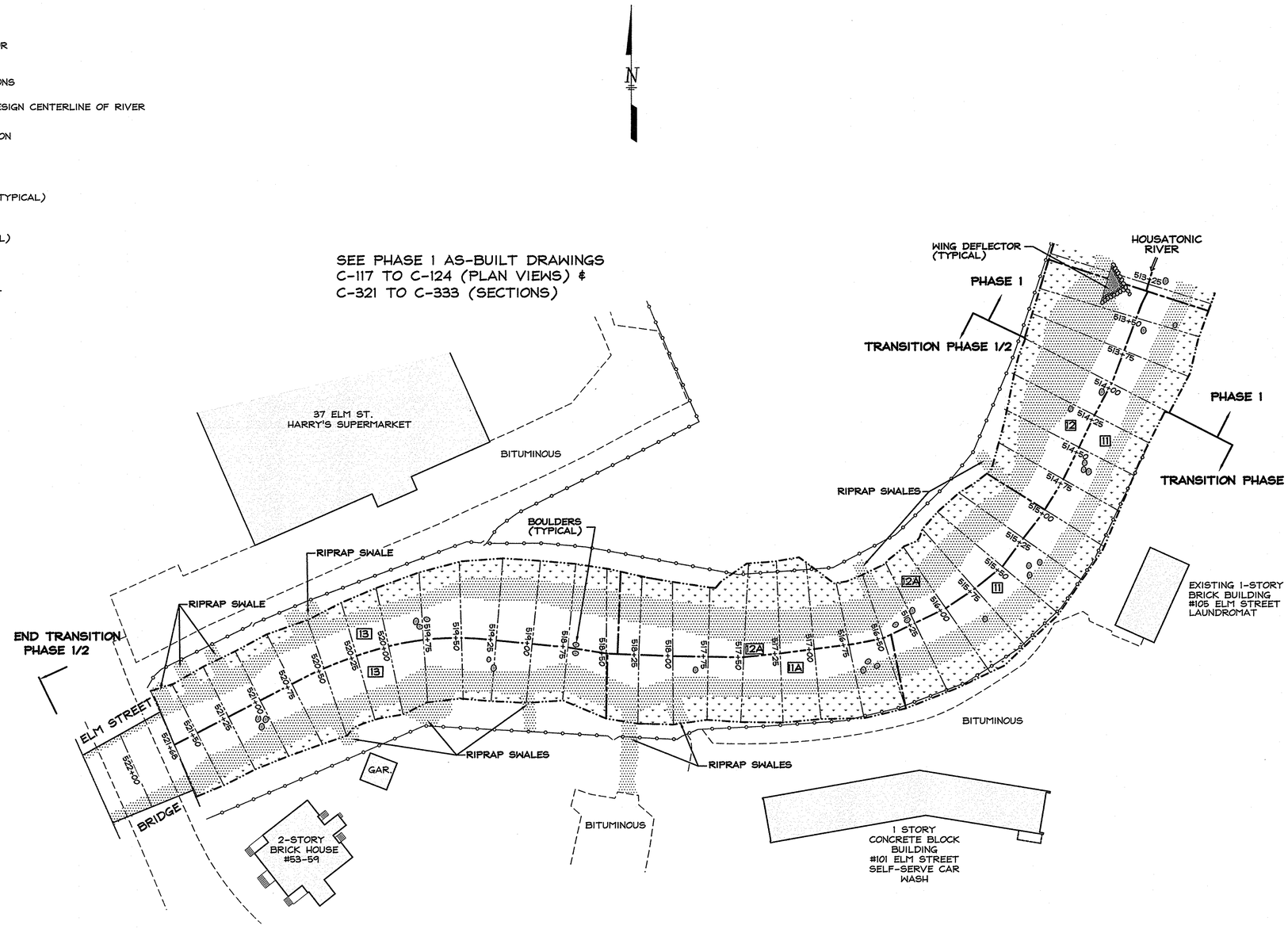
GRAPHIC SCALE: 0 40 80

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-101 B	A

LEGEND

- BANK PLANTINGS
- BANK RIPRAP ARMOR
- 518+00 — RIVER/BANK SECTIONS
- CELL BOUNDARY/DESIGN CENTERLINE OF RIVER
- LIMIT OF EXCAVATION
- 12 — CELL DESIGNATION
- WING DEFLECTOR (TYPICAL)
- BOULDERS (TYPICAL)
- CHAINLINK FENCE
- EDGE OF PAVEMENT
- EXISTING BUILDING



NOTES:

1. TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN OCTOBER, 2002 TO APRIL, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE I AS-BUILT DRAWINGS

DRAWING TITLE: KEY MAP STATIONS 513+25 TO 522+00

DRAWN BY	JR
DATE DRAWN	11-13-03
SCALE	1"=40'
APV'D BY	

CAD CODE: SRV-758-11OVERALLAB.DWG

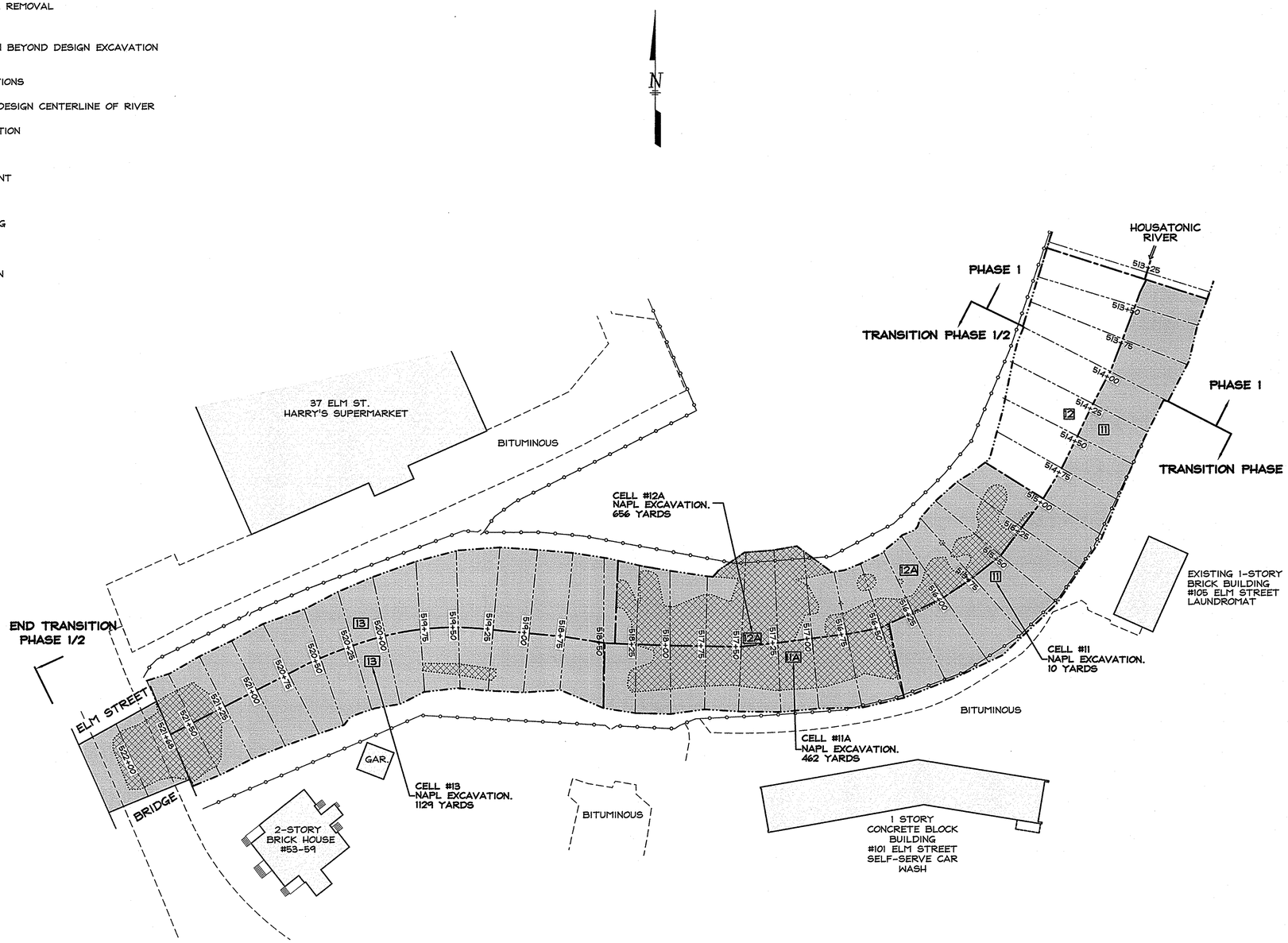
GRAPHIC SCALE: 0 40 80

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-102 A	B

LEGEND

- CELLS WITH NAPL REMOVAL
- NAPL EXCAVATION BEYOND DESIGN EXCAVATION
- 518+00 — RIVER/BANK SECTIONS
- CELL BOUNDARY/DESIGN CENTERLINE OF RIVER
- LIMIT OF EXCAVATION
- CHAINLINK FENCE
- EDGE OF PAVEMENT
- EXISTING BUILDING
- 12 — CELL DESIGNATION



NOTES:

1. TOPOGRAPHIC SURVEY PERFORMED BY HILL-ENGINEERS, ARCHITECTS, PLANNERS, INC. IN OCTOBER, 2002 THRU APRIL, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		2-5-07

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: NAPL EXCAVATION STATIONS 513+25 TO 522+00

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWN BY	JR
DATE DRAWN	2-2-07
SCALE	1"=40'
APV'D BY	

CAD CODE: SRV-758-110VERALLAB.DWG

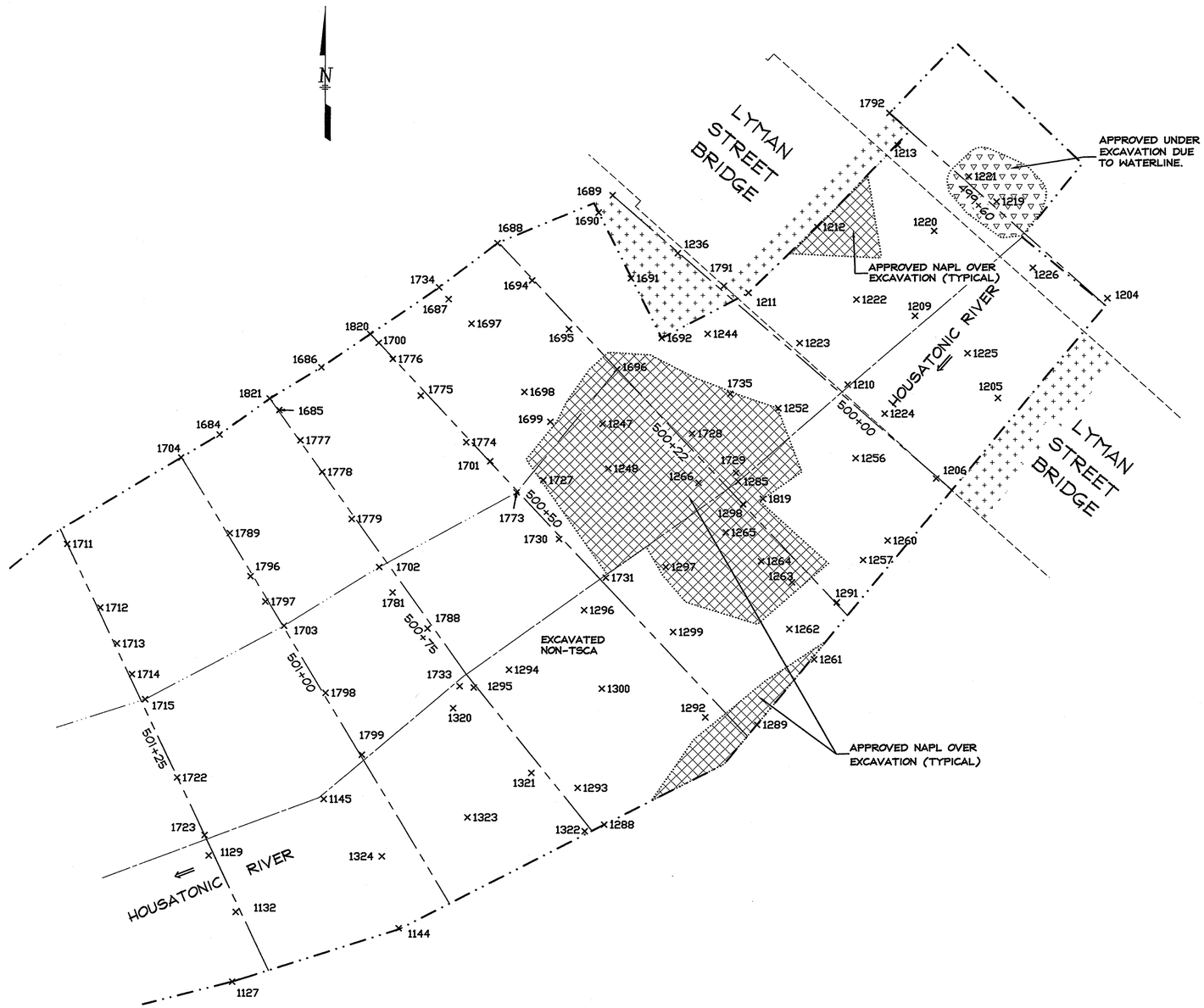
GRAPHIC SCALE: 0 40 80

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-102 B	A

LEGEND

- ×1734 — HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
- PRESSURE WASHED ONLY (NO SOIL REMOVAL)
- APPROVED OVER EXCAVATION
- APPROVED UNDER EXCAVATION
- 500+50 — RIVER/BANK SECTIONS
- DESIGN CENTERLINE OF RIVER
- LIMITS OF EXCAVATION
- ORIGINAL TOE



NOTES:

1. SEE POINT LISTING TABLE FOR CELLS #1A, 1B, 2, 3 & 4 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
2. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS
3. AS-BUILT CONDITIONS AS OF APRIL 30, 2003.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 499+60 TO 501+25

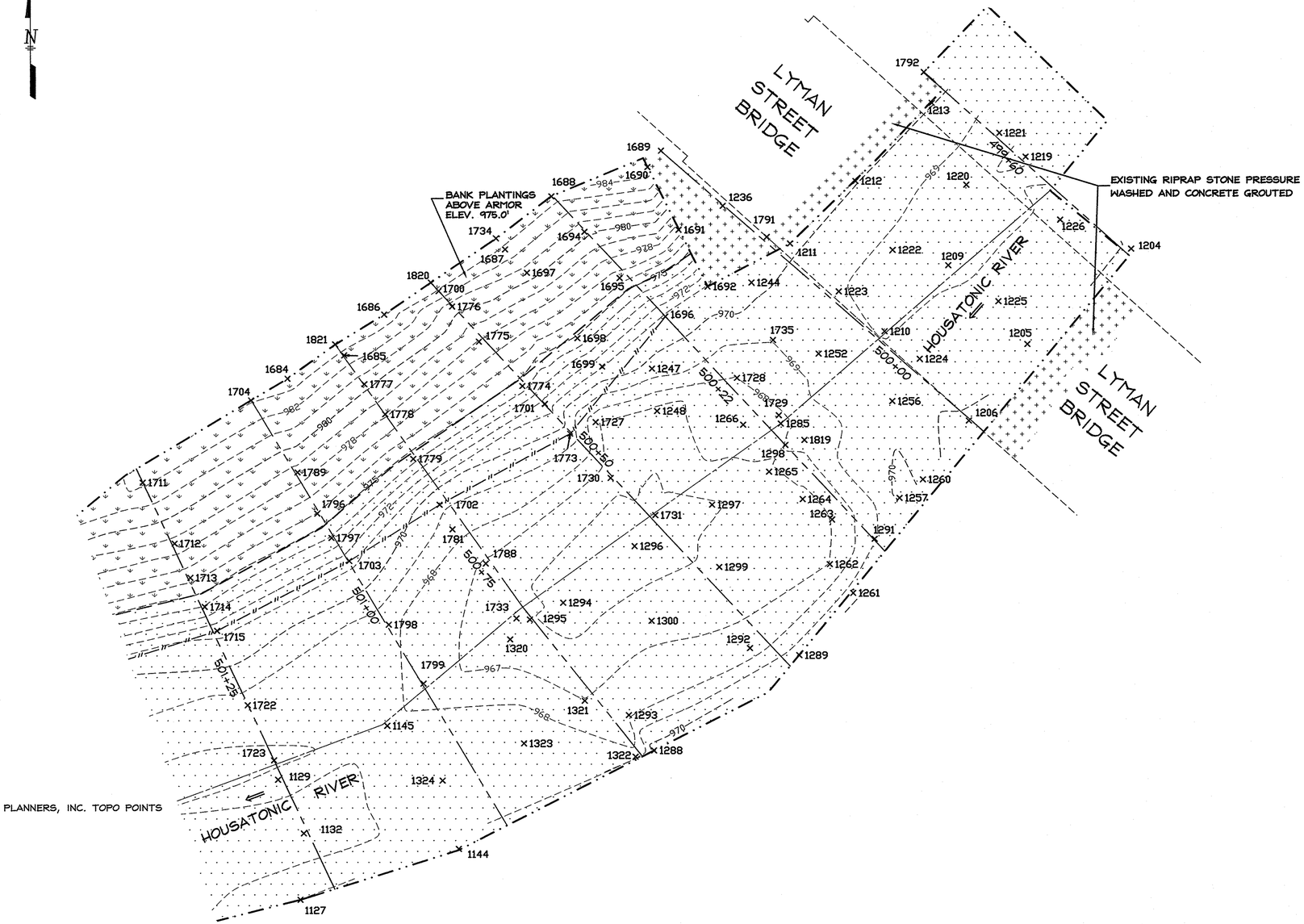
DRAWN BY	JR
DATE DRAWN	9-13-03
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 1-4.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-103	B



LEGEND

×1800	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	RIPRAP ARMOR
	BANK PLANTINGS
502+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
979 / 980	AS-BUILT CONTOURS
	TOP OF BANK RIPRAP ARMOR
	NEW TOE
	PRESSURE WASHED ONLY (NO SOIL REMOVAL)

NOTES:

1. SEE POINT LISTING TABLE FOR CELLS #1A, 1B, 2, 3 & 4 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
2. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS
3. AS-BUILT CONDITIONS AS OF APRIL 30, 2003.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 499+60 TO 501+25

DRAWN BY	JR
DATE DRAWN	9-17-03
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 1-4.DWG

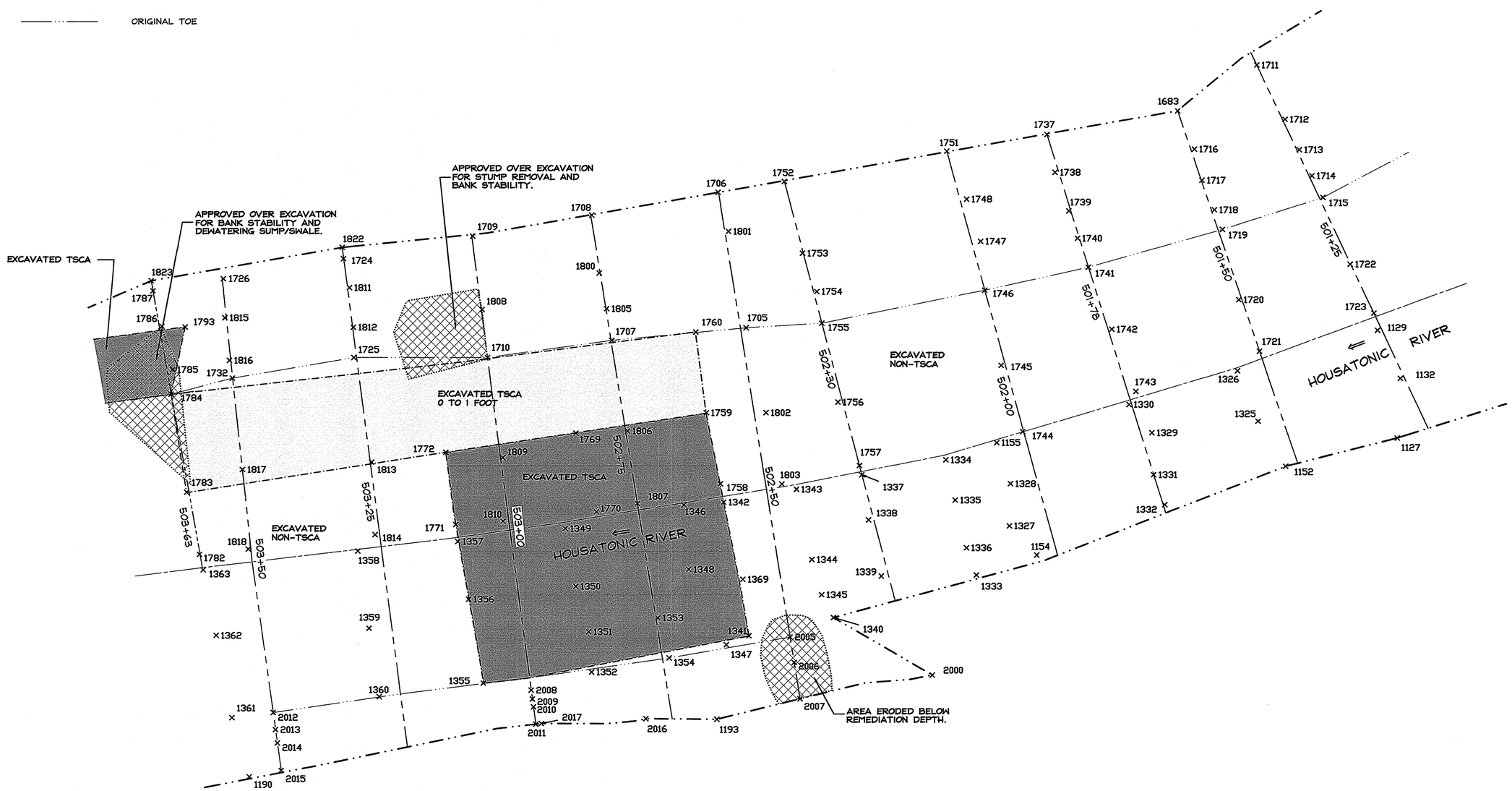
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-104	B

LEGEND

×1800	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	DENOTES TSCA EXCAVATION (FULL DEPTH)
	DENOTES TSCA EXCAVATION (DEPTH SHOWN)
	APPROVED OVER EXCAVATION
502+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
	ORIGINAL TOE



NOTES:

1. SEE POINT LISTING TABLE FOR CELLS #2 & 4 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
2. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS
3. AS-BUILT CONDITIONS AS OF APRIL 30, 2003.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE
AS-BUILT EXCAVATION PLAN
STATIONS 501+25 TO 503+63

PROJECT DESCRIPTION
PHASE I
AS-BUILT DRAWINGS

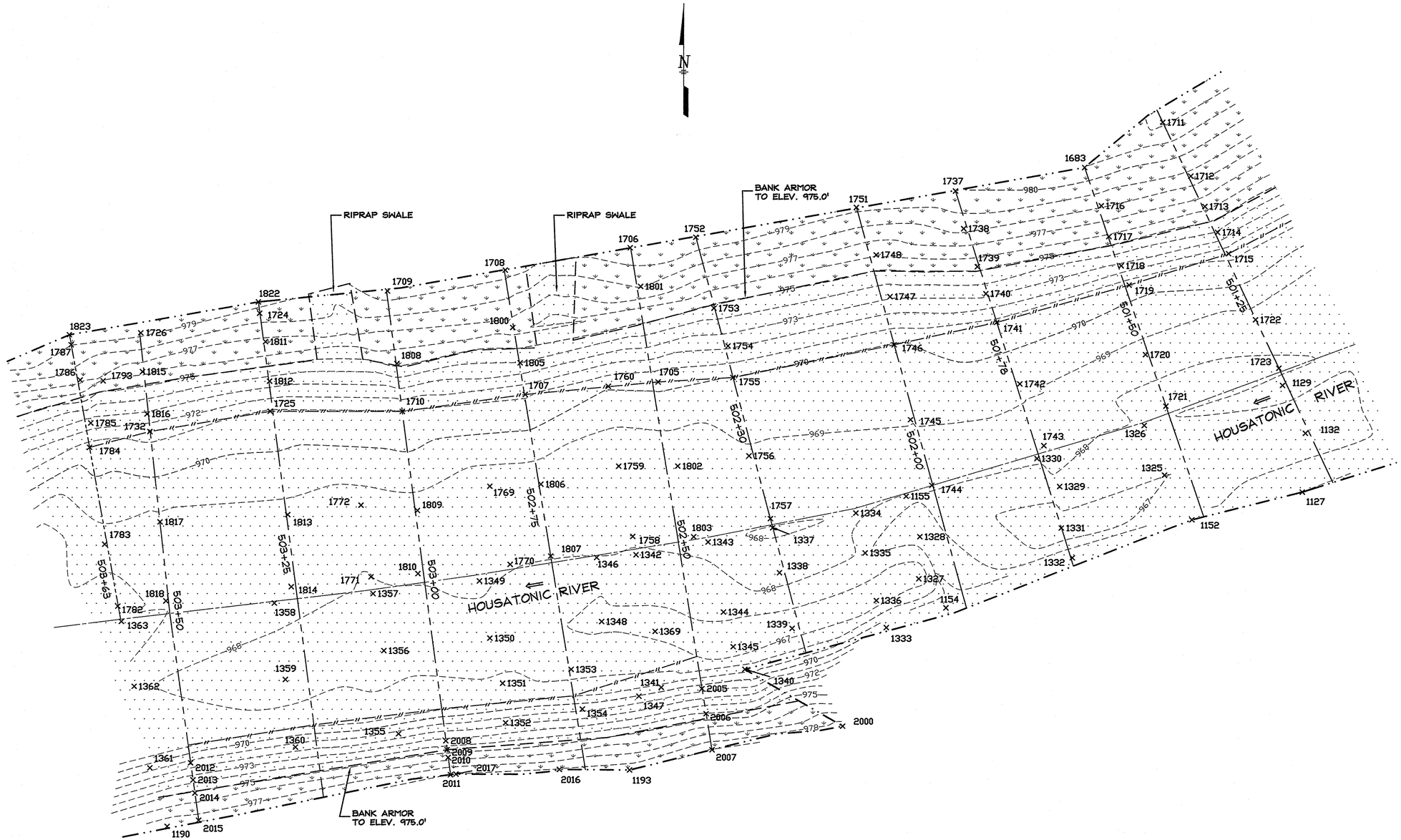
DRAWN BY	JR
DATE DRAWN	9-17-03
SCALE	1"=10'
APV'D BY	

CAD CODE:
AS-BUILT CELLS 1-4.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER:
SRV-758-19

DRAWING NUMBER	REV.
C-105	B



LEGEND

×1800	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	RIPRAP ARMOR
	BANK PLANTINGS
502+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
979 / 980	AS-BUILT CONTOURS
	TOP OF BANK RIPRAP ARMOR
	NEW TOE

NOTES:

1. SEE POINT LISTING TABLE FOR CELLS #2 & 4 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
2. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS
3. AS-BUILT CONDITIONS AS OF APRIL 30, 2003.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 501+25 TO 503+63

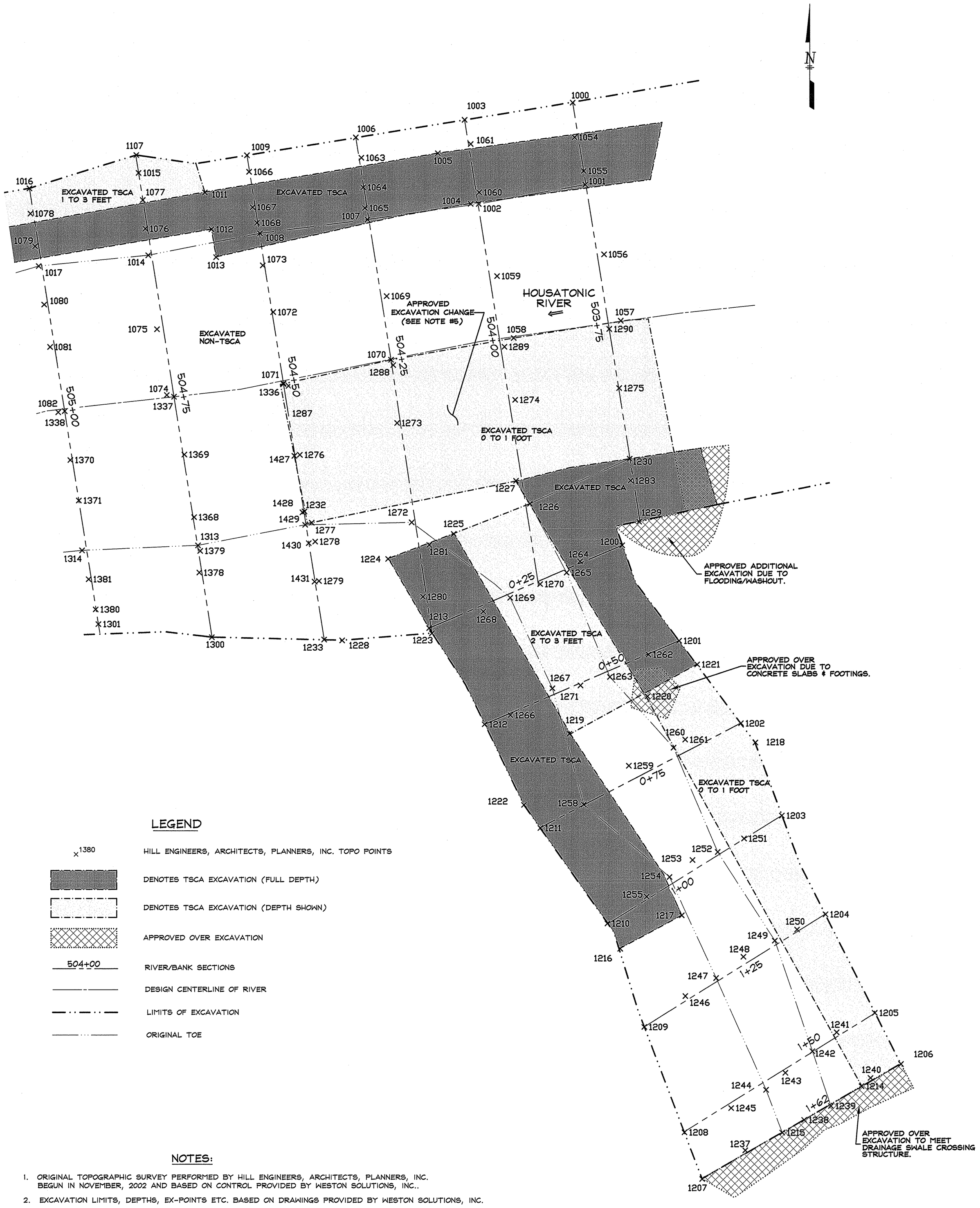
DRAWN BY	JR
DATE DRAWN	9-17-03
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 1-4.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-106	B



LEGEND

×1380	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	DENOTES TSCA EXCAVATION (FULL DEPTH)
	DENOTES TSCA EXCAVATION (DEPTH SHOWN)
	APPROVED OVER EXCAVATION
504+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
	ORIGINAL TOE

NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. BEGUN IN NOVEMBER, 2002 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. EXCAVATION LIMITS, DEPTHS, EX-POINTS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #5, 6, AND 6A AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF JUNE 11, 2003.
5. AREA SHOWN WAS ORIGINALLY TO BE REMOVED ENTIRELY AS NON-TSCA. HOWEVER DUE TO CELL FLOODING FIRST 1-FOOT OF EXCAVATION WAS REMOVED AS TSCA.

DRAWING NUMBER: C-107
REV.: B
PROJECT NUMBER: SRV-758-19
GRAPHIC SCALE: 0 10 20
CAD CODE: AS-BUILT CELLS 5-6.DWG
DRAWN BY: JR
DATE DRAWN: 11-5-03
SCALE: 1"=10'
APV'D BY:

WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION	DRAWING TITLE
PHASE 1 AS-BUILT DRAWINGS	AS-BUILT EXCAVATION PLAN STATIONS 503+75 TO 505+00 STATIONS 0+25 TO 1+62

REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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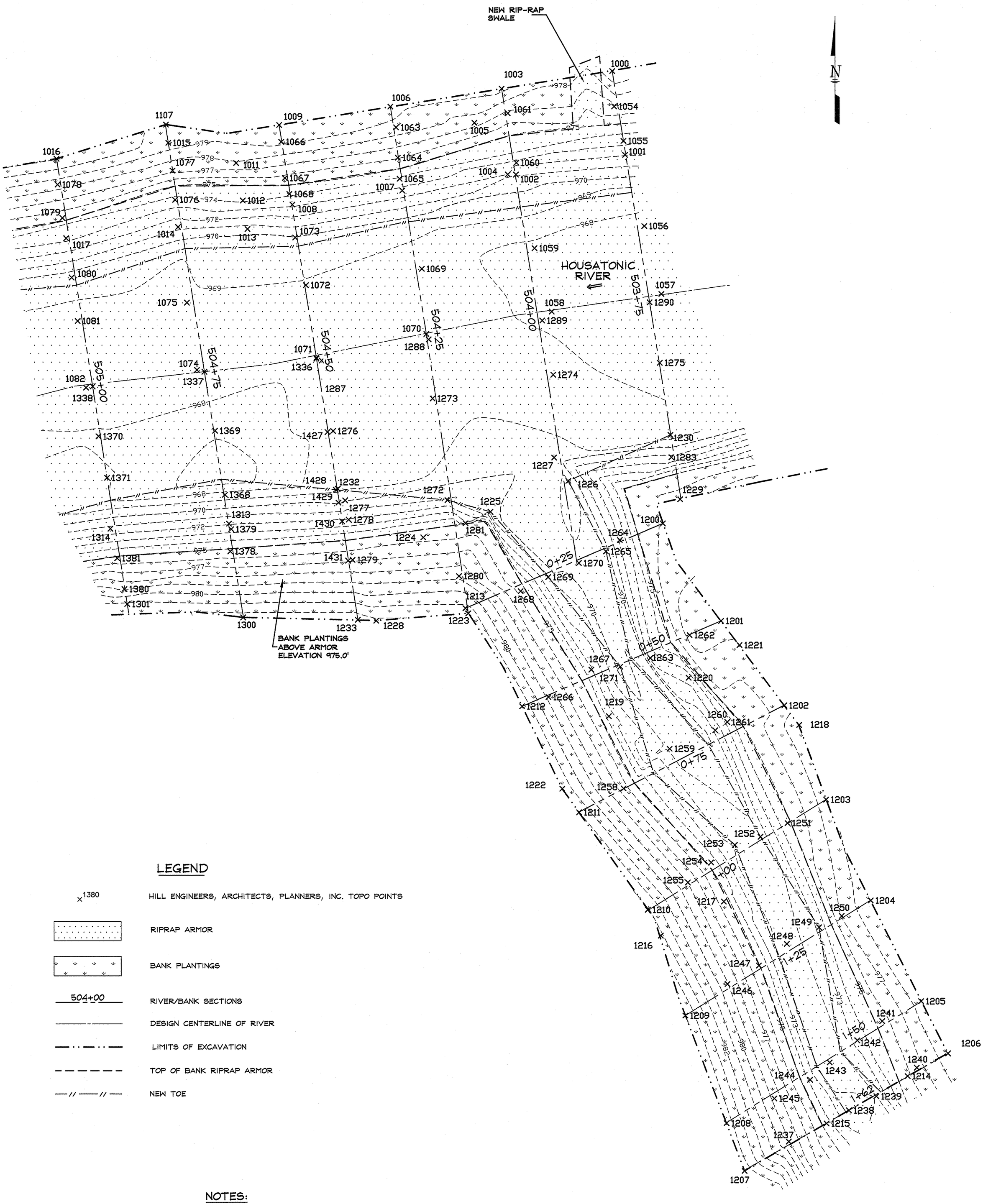

LEGEND

×1380	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	RIPRAP ARMOR
	BANK PLANTINGS
504+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
	TOP OF BANK RIPRAP ARMOR
	NEW TOE

NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. BEGUN IN NOVEMBER, 2002 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. EXCAVATION LIMITS, DEPTHS, EX-POINTS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #5, 6, AND 6A AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF JUNE 11, 2003.

DRAWN BY JR
DATE DRAWN 11-5-03
SCALE 1"=10'
APV'D BY
CAD CODE: AS-BUILT CELLS 5-6.DWG
GRAPHIC SCALE: 0 10 20
PROJECT NUMBER: SRV-758-19
DRAWING NUMBER C-108
REV. B

WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION	DRAWING TITLE
PHASE 1 AS-BUILT DRAWINGS	AS-BUILT RESTORATION PLAN STATIONS 503+75 TO 505+00 STATIONS 0+25 TO 1+62

REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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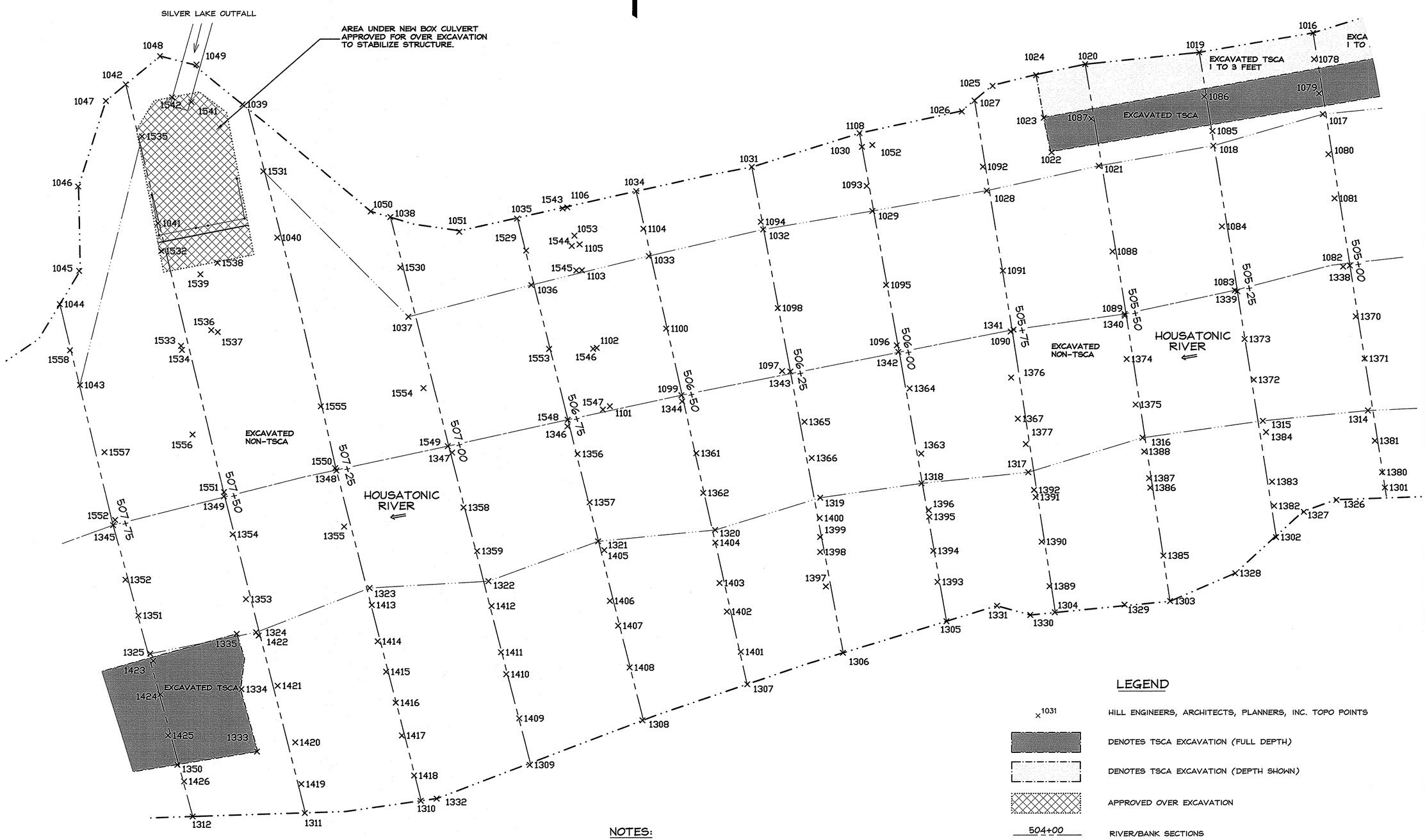

LEGEND

×1031	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	DENOTES TSCA EXCAVATION (FULL DEPTH)
	DENOTES TSCA EXCAVATION (DEPTH SHOWN)
	APPROVED OVER EXCAVATION
504+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
	ORIGINAL TOE

NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. BEGUN IN NOVEMBER, 2002 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. EXCAVATION LIMITS, DEPTHS, EX-POINTS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #5, 5A AND 6A AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF JUNE 11, 2003.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 505+00 TO 507+75

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

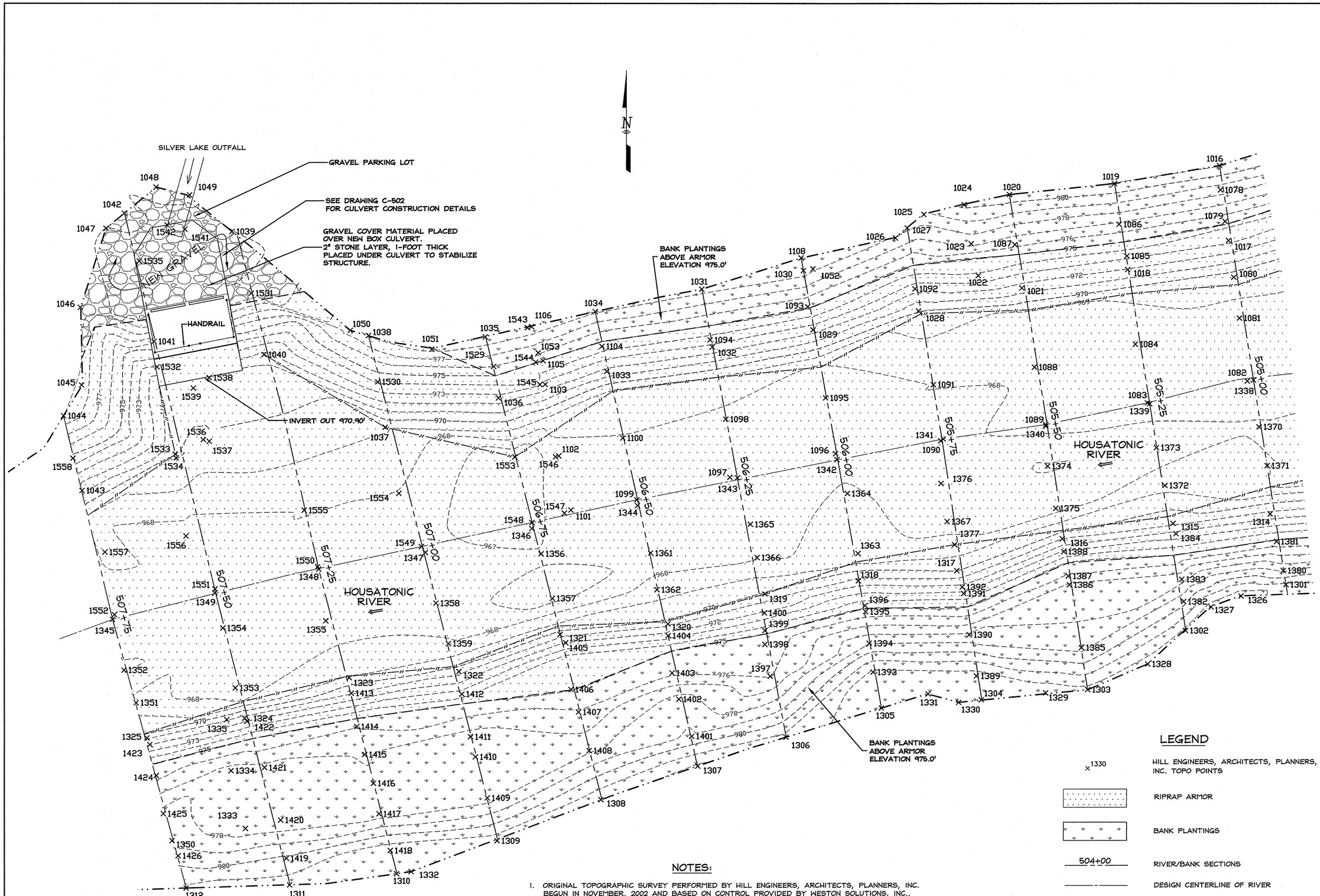
DRAWN BY	JR
DATE DRAWN	11-5-03
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 5-6.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-109	B



NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. BEGUN IN NOVEMBER, 2002 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. EXCAVATION LIMITS, DEPTHS, EX-POINTS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #5, 5A AND 6A AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF JUNE 11, 2003.

LEGEND

×1330	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	RIPRAP ARMOR
	BANK PLANTINGS
504+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
	GRAVEL PARKING LOT
	TOP OF BANK RIPRAP ARMOR

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 505+00 TO 507+75

DRAWN BY	JR
DATE DRAWN	11-5-03
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 5-6.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

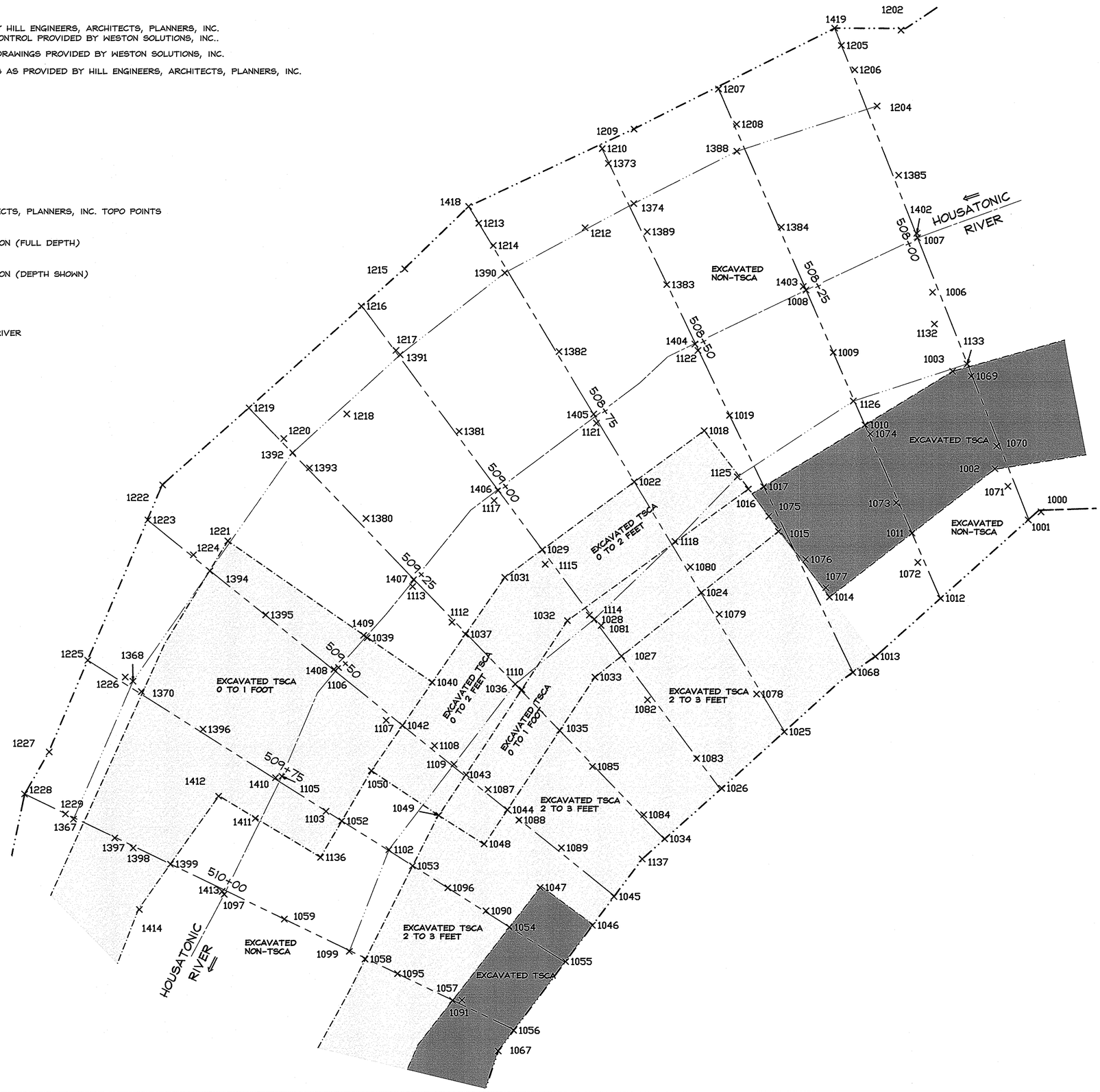
DRAWING NUMBER	REV.
C-110	B

NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN JANUARY/FEBRUARY, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. EXCAVATION LIMITS, DEPTHS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLES FOR CELLS #7 & #8 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS AS OF MAY 20, 2003.

LEGEND

- ×1215 — HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
- DENOTES TSCA EXCAVATION (FULL DEPTH)
- DENOTES TSCA EXCAVATION (DEPTH SHOWN)
- 508+00 — RIVER/BANK SECTIONS
- DESIGN CENTERLINE OF RIVER
- LIMITS OF EXCAVATION
- ORIGINAL TOE



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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 508+00 TO 510+00

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWN BY	JR
DATE DRAWN	11-5-03
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 7-8.DWG

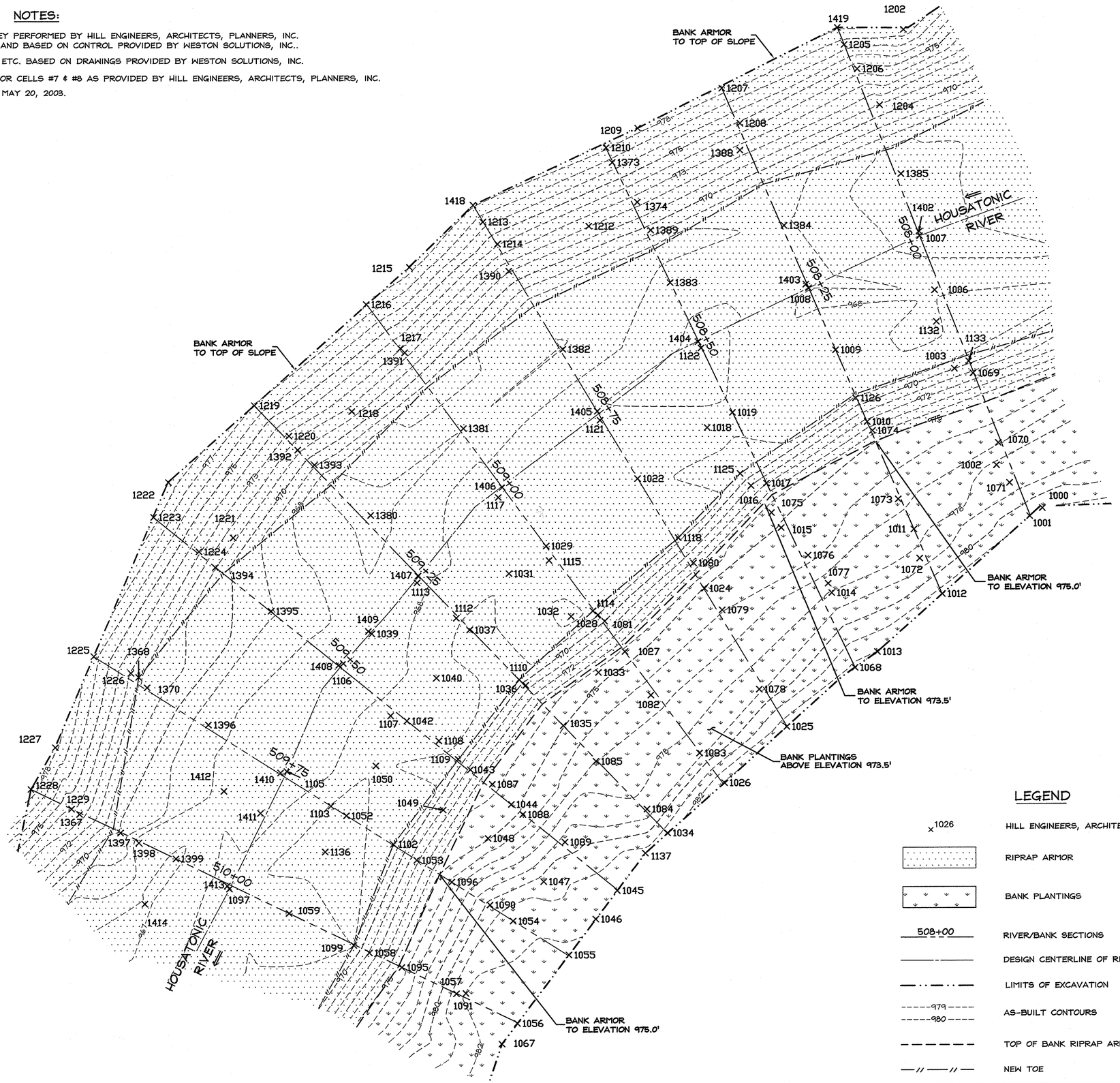
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-111	B

NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN JANUARY/FEBRUARY, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. EXCAVATION LIMITS, DEPTHS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLES FOR CELLS #7 & #8 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS AS OF MAY 20, 2003.



LEGEND

×1026	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	RIPRAP ARMOR
	BANK PLANTINGS
508+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
979	AS-BUILT CONTOURS
980	AS-BUILT CONTOURS
	TOP OF BANK RIPRAP ARMOR
	NEW TOE

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE I AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 508+00 TO 510+00

DRAWN BY	JR
DATE DRAWN	11-12-03
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 7-8.DWG

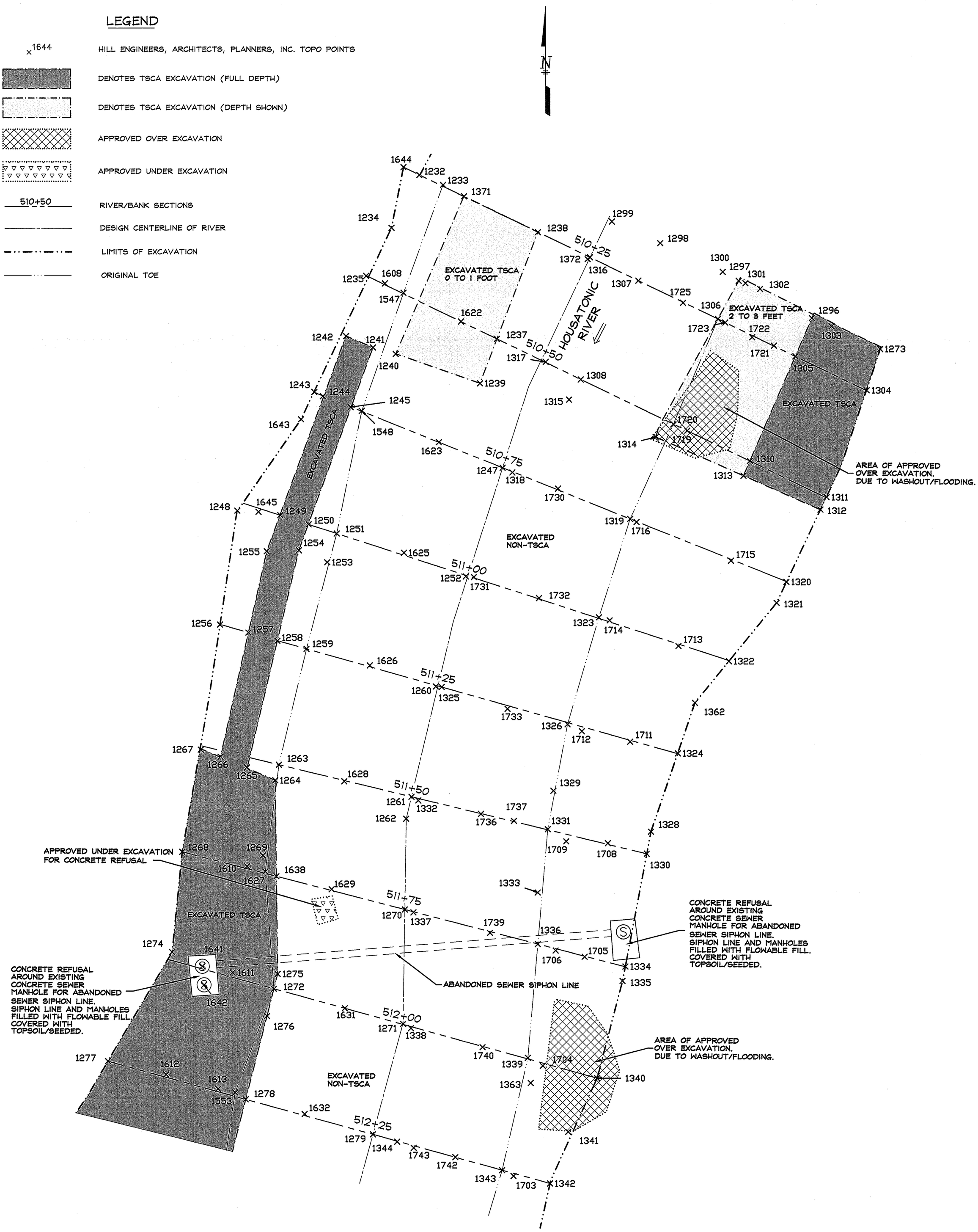
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-112	B

LEGEND

- ×1644 — HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
- DENOTES TSCA EXCAVATION (FULL DEPTH)
- DENOTES TSCA EXCAVATION (DEPTH SHOWN)
- APPROVED OVER EXCAVATION
- APPROVED UNDER EXCAVATION
- 510+50 — RIVER/BANK SECTIONS
- DESIGN CENTERLINE OF RIVER
- LIMITS OF EXCAVATION
- ORIGINAL TOE



NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN FEBRUARY, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #9 & 10 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF JUNE 6, 2003.

WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION	DRAWING TITLE
PHASE 1 AS-BUILT DRAWINGS	AS-BUILT EXCAVATION PLAN STATIONS 510+25 TO 512+25

REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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DRAWN BY: JR
DATE DRAWN: 11-5-03
SCALE: 1"=10'
APV'D BY:
CAD CODE: AS-BUILT CELLS 7-8.DWG
GRAPHIC SCALE: 0 10 20
PROJECT NUMBER: SRV-758-19
DRAWING NUMBER: C-113
REV.: B

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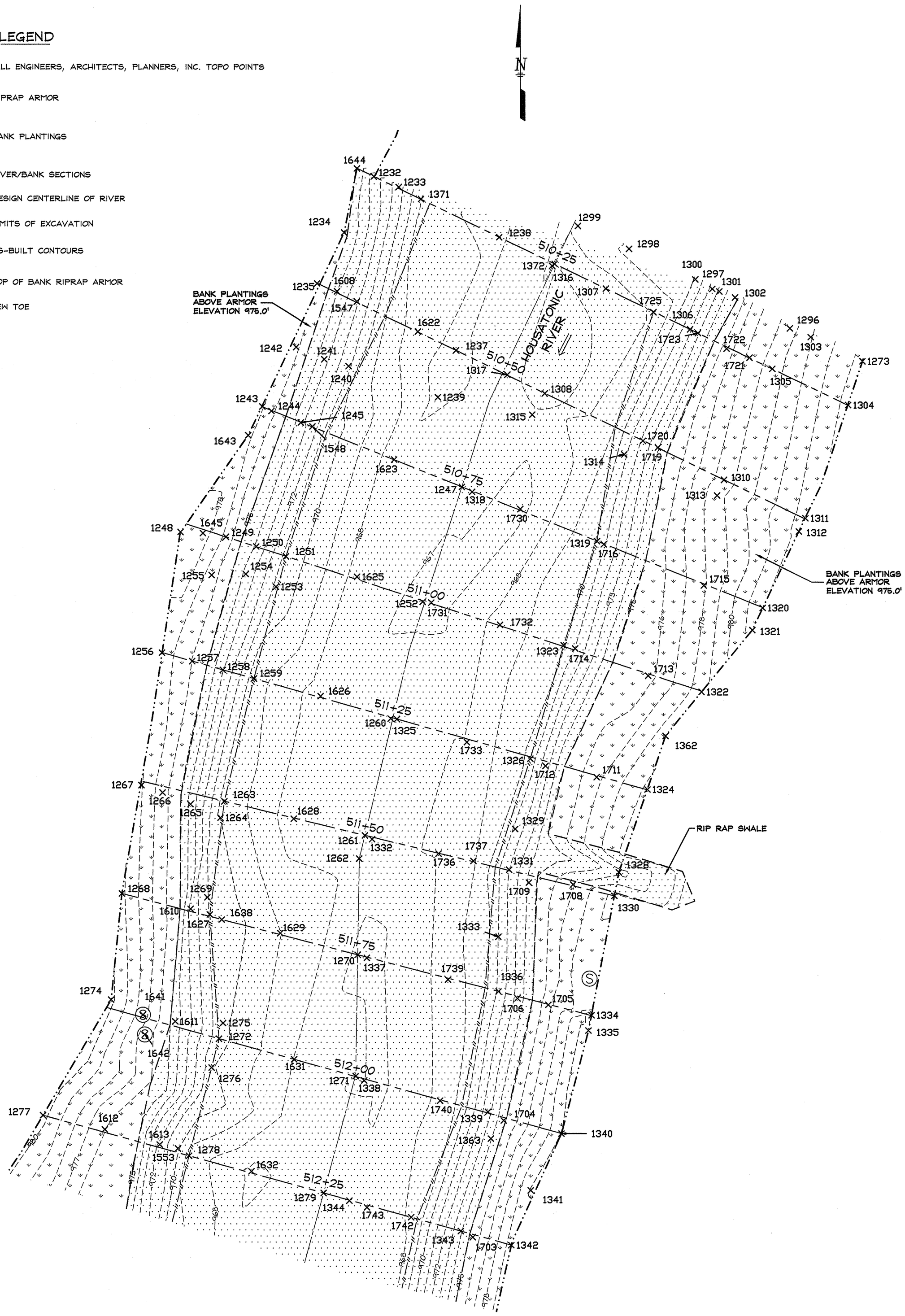
LEGEND

- ×1644 — HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
- RIPRAP ARMOR
- BANK PLANTINGS
- 510+50 — RIVER/BANK SECTIONS
- DESIGN CENTERLINE OF RIVER
- LIMITS OF EXCAVATION
- 979 / 980 — AS-BUILT CONTOURS
- TOP OF BANK RIPRAP ARMOR
- NEW TOE



NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN FEBRUARY, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #9 & 10 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF JUNE 6, 2003.

DRAWING NUMBER: C-114 | REV.: B

PROJECT NUMBER: SRV-758-19

GRAPHIC SCALE: 0 10 20

CAD CODE: AS-BUILT CELLS 7-8.DWG

DRAWN BY: JR
DATE DRAWN: 11-12-03
SCALE: 1"=10'
APV'D BY:

WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION	DRAWING TITLE
PHASE 1 AS-BUILT DRAWINGS	AS-BUILT RESTORATION PLAN STATIONS 510+25 TO 512+25

REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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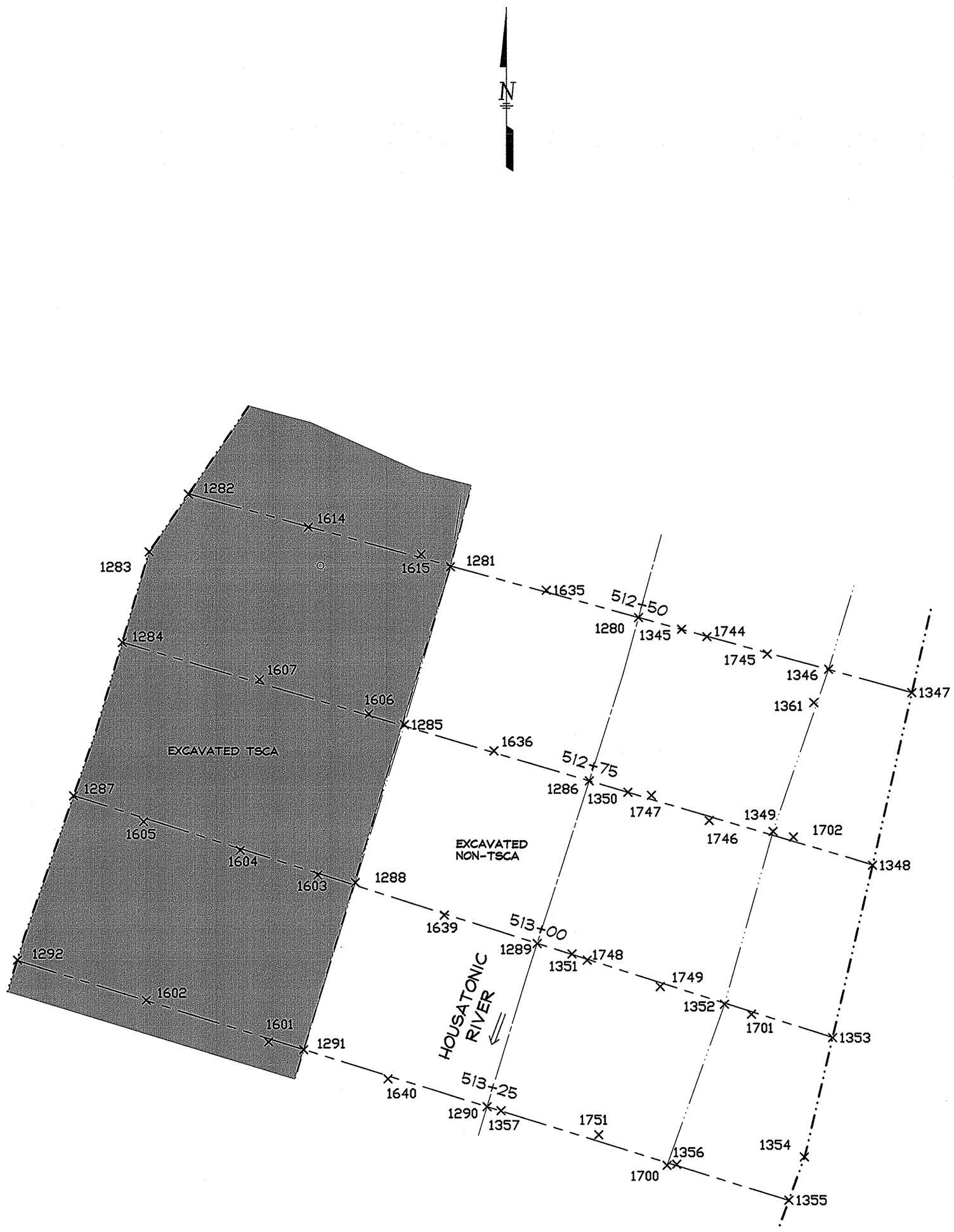

LEGEND

×1283	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	DENOTES TSCA EXCAVATION (FULL DEPTH)
513+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
	ORIGINAL TOE

NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN FEBRUARY, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #9 & 10 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF JUNE 6, 2003.

DRAWING NUMBER: C-115
REV.: B
PROJECT NUMBER: SRV-758-19
GRAPHIC SCALE: 0 10 20
CAD CODE: AS-BUILT CELLS 7-8.DWG
DRAWN BY: JR
DATE DRAWN: 11-5-03
SCALE: 1"=10'
APV'D BY:

WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION	DRAWING TITLE
PHASE 1 AS-BUILT DRAWINGS	AS-BUILT EXCAVATION PLAN STATIONS 512+50 TO 513+25

REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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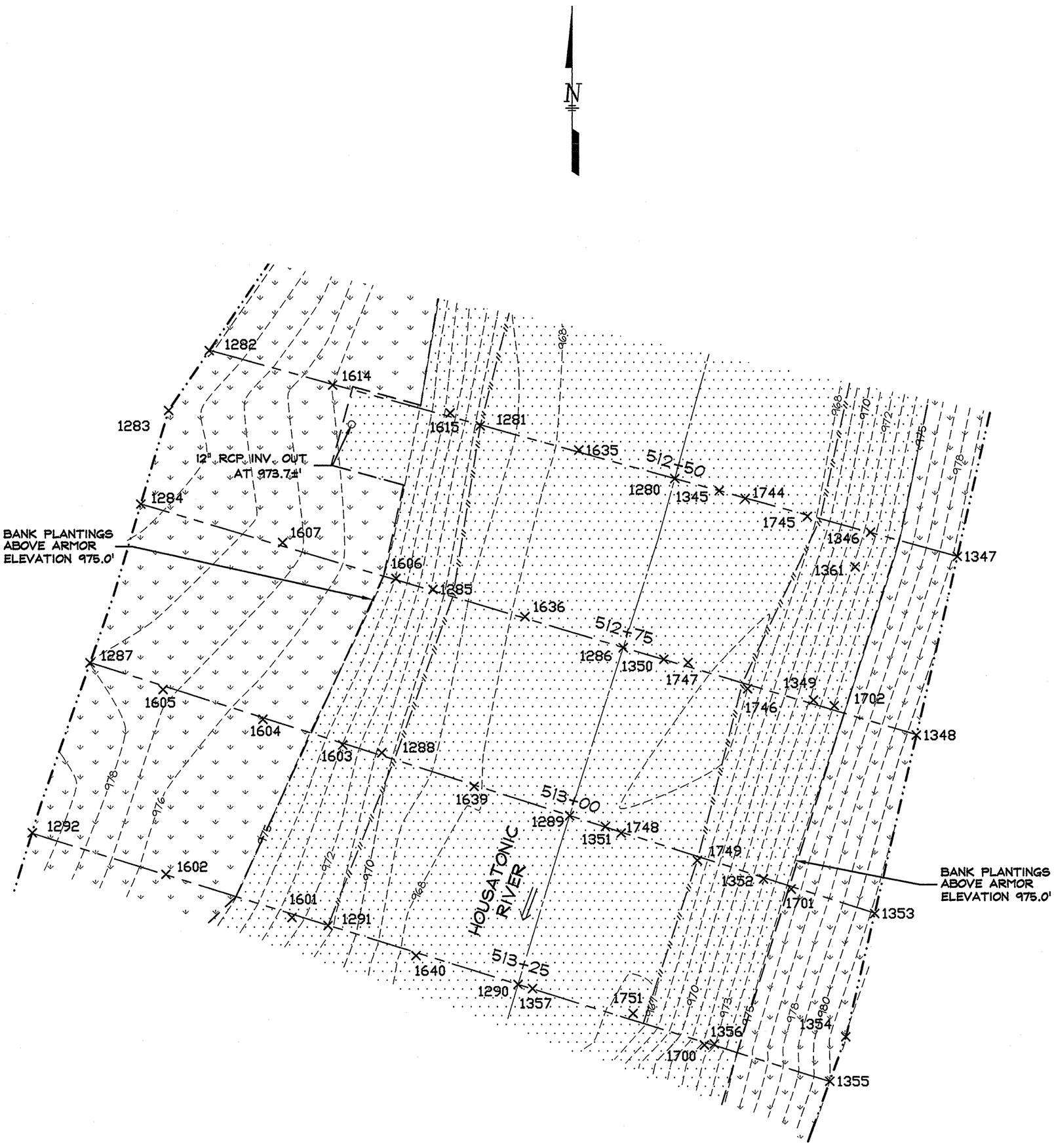

LEGEND

×1283	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	RIPRAP ARMOR
	BANK PLANTINGS
513+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
979 / 980	AS-BUILT CONTOURS
	TOP OF BANK RIPRAP ARMOR
	NEW TOE

NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN FEBRUARY, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #9 & 10 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF JUNE 6, 2003.

DRAWING NUMBER: C-116
REV.: B

PROJECT NUMBER: SRV-758-19

GRAPHIC SCALE: 0 10 20

CAD CODE: AS-BUILT CELLS 7-8.DWG

DRAWN BY: JR
DATE DRAWN: 11-12-03
SCALE: 1"=10'
APV'D BY:

WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION	DRAWING TITLE
PHASE 1 AS-BUILT DRAWINGS	AS-BUILT RESTORATION PLAN STATIONS 512+50 TO 513+25

REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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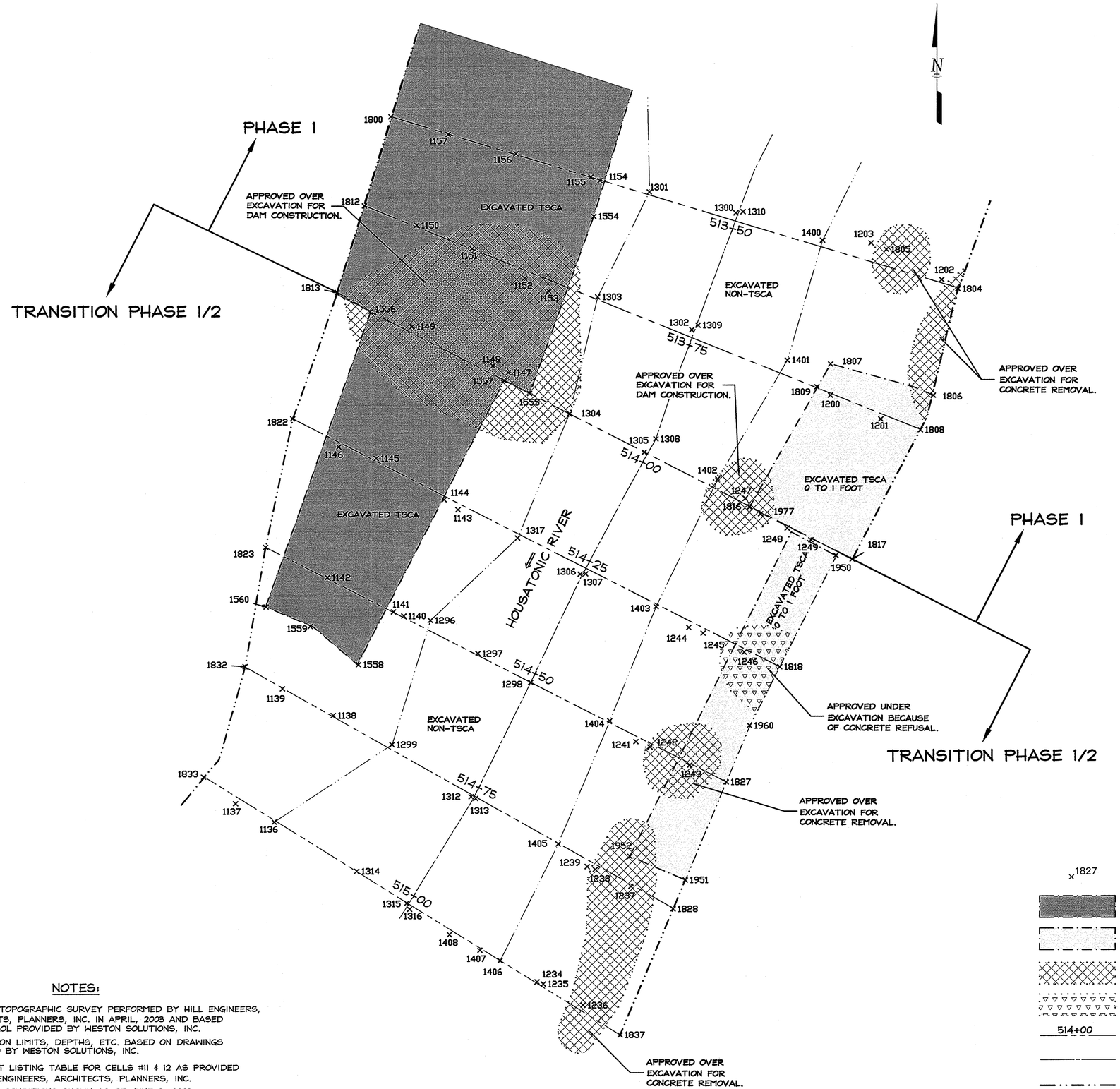

NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN APRIL, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #11 & 12 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF JUNE 9, 2003.

LEGEND

×1827	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	DENOTES TSCA EXCAVATION (FULL DEPTH)
	DENOTES TSCA EXCAVATION (DEPTH SHOWN)
	APPROVED OVER EXCAVATION
	APPROVED UNDER EXCAVATION
514+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
	ORIGINAL TOE

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Adams, MA 01220
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REV.	DESCRIPTION	DR'N	CK'D	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	TMA		9-13-06
C	GENERAL REVISIONS	JR		12-19-08

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 513+50 TO 515+00

DRAWN BY	JR
DATE DRAWN	11-25-03
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 11 & 12.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-117	C

NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN APRIL, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #11 & 12 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF JUNE 9, 2003.

LEGEND

×1827	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	RIPRAP ARMOR
	BANK PLANTINGS
	GEOCELL
514+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
979 / 980	AS-BUILT CONTOURS
	TOP OF BANK RIPRAP ARMOR
	NEW TOE
	NEW SHEETPILE RETAINING WALL

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	TMA		9-13-06
C	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 513+50 TO 515+00

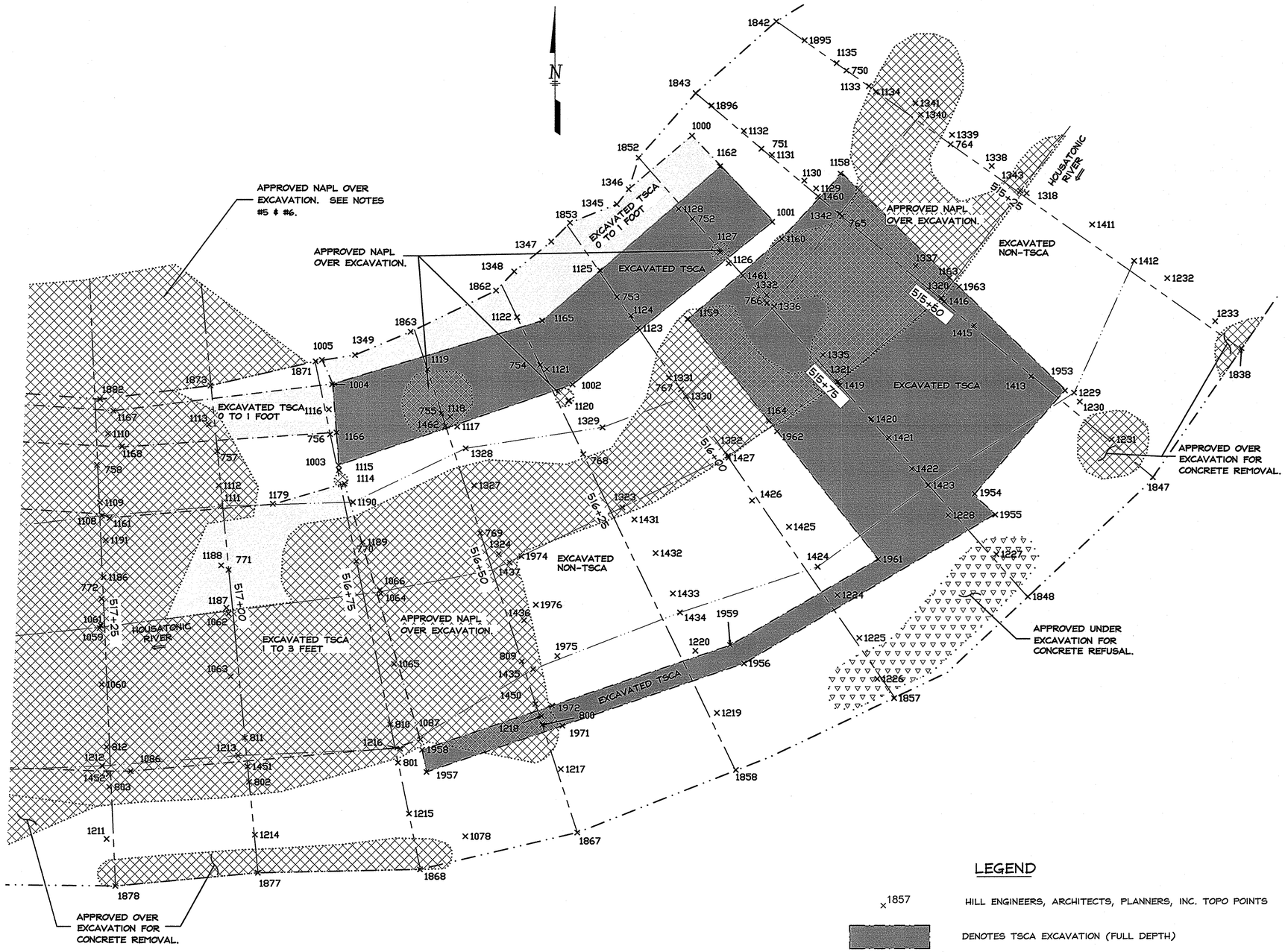
DRAWN BY	JR
DATE DRAWN	11-25-03
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 11 & 12.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-118	C



NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN APRIL, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #11, 11A & 12A AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS.
5. LARGE NAPL AREA REMOVED IN CELL 12A INCLUDED SOME OVER BURDEN MATERIAL THAT WAS REMOVED AND STOCKPILED ON SITE, WHEN NAPL REMEDIATION WAS COMPLETED, THE OVER BURDEN WAS PLACED BACK IN CELL AS BACKFILL.
6. NAPL EXCAVATION OCCURRED IN THE RIVER BED AND ON THE WEST SIDE OF THE RIVER BANK.
7. APPROVED OVER AND UNDER EXCAVATION (ON THE EAST RIVER BANK) WAS THE RESULT OF CONCRETE DEBRIS THAT CAUSED OVER EXCAVATION OR PREVENTED EXCAVATION TO THE CORRECT DEPTH.
8. AS-BUILT CONDITIONS SHOWN AS OF JULY 29, 2003.

LEGEND

×1857	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	DENOTES TSCA EXCAVATION (FULL DEPTH)
	DENOTES TSCA EXCAVATION (DEPTH SHOWN)
	APPROVED OVER EXCAVATION
	APPROVED UNDER EXCAVATION
517+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
	ORIGINAL TOE

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 515+25 TO 517+25

PROJECT DESCRIPTION: PHASE I AS-BUILT DRAWINGS

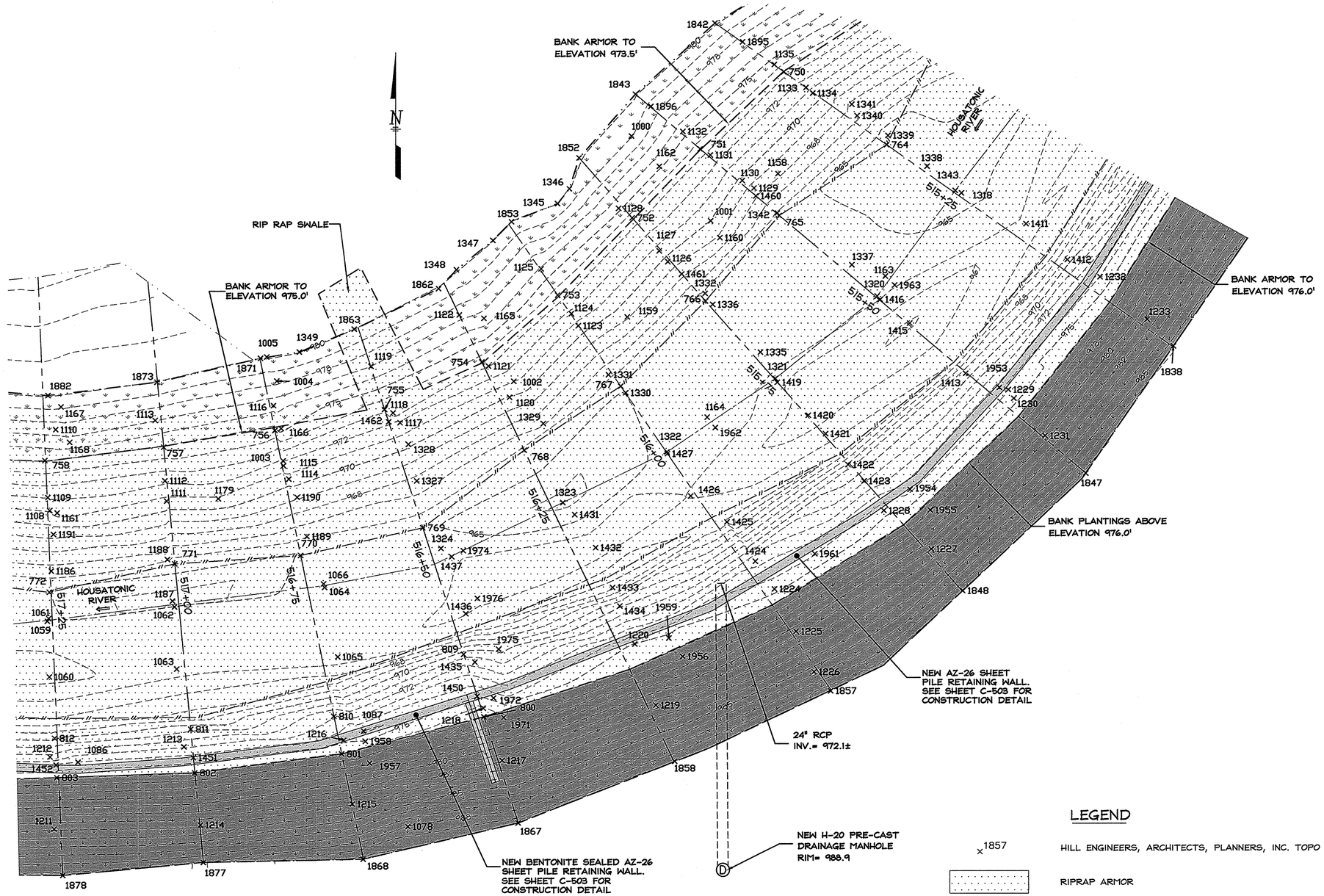
DRAWN BY	JR
DATE DRAWN	12-12-03
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 11 & 11A.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-119	B



LEGEND

×1857	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	RIPRAP ARMOR
	BANK PLANTINGS
	GEOCELL
516+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
-----979----- -----980-----	AS-BUILT CONTOURS
	TOP OF BANK RIPRAP ARMOR
	NEW TOE
	NEW SHEETPILE RETAINING WALL

NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN APRIL, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #11, 11A & 12A AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF JULY 29, 2003.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-08

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WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 515+25 TO 517+25

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

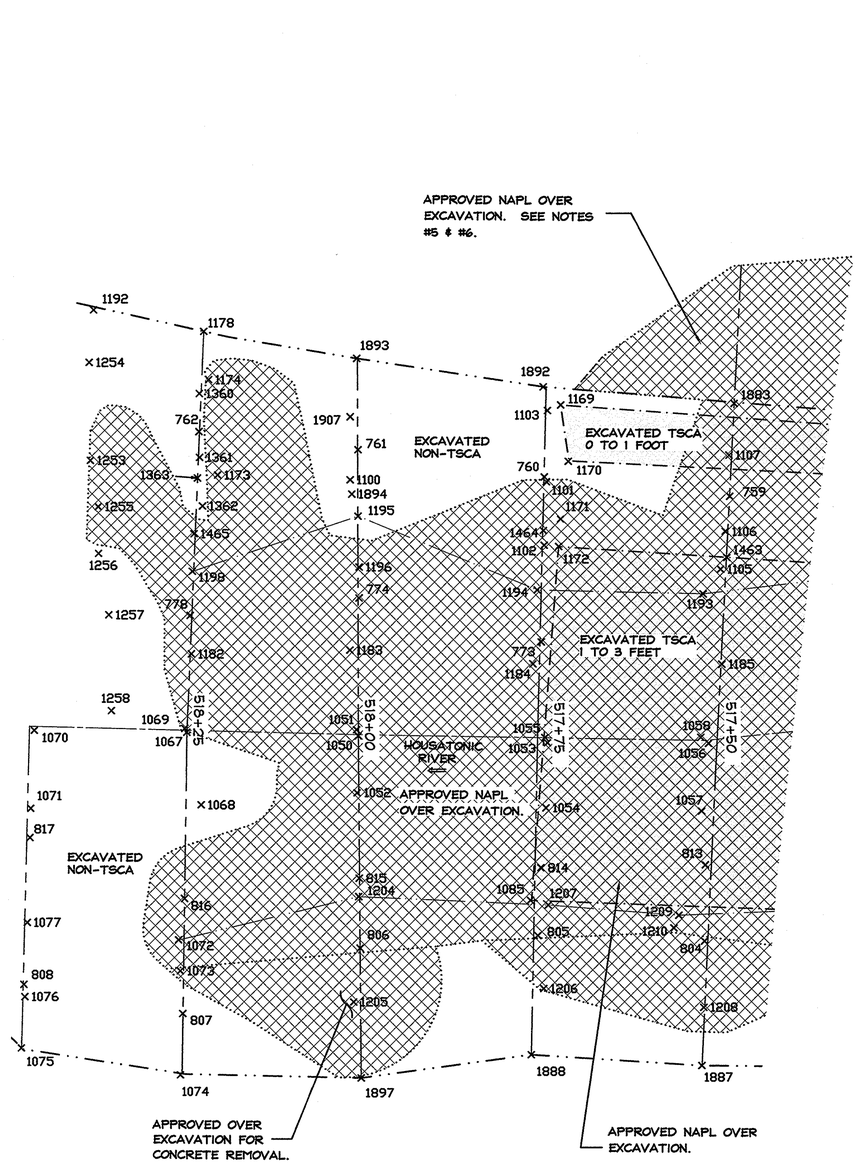
DRAWN BY	JR
DATE DRAWN	12-12-03
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 11 & 11A.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-120	B



NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN APRIL, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #11A & 12A AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS.
5. LARGE NAPL AREA REMOVED IN CELL 12A INCLUDED SOME OVER BURDEN MATERIAL THAT WAS REMOVED AND STOCKPILED ON SITE, WHEN NAPL REMEDIATION WAS COMPLETED, THE OVER BURDEN WAS PLACED BACK IN CELL AS BACKFILL.
6. NAPL EXCAVATION OCCURRED IN THE RIVER BED AND ON THE WEST SIDE OF THE RIVER BANK.
7. APPROVED OVER AND UNDER EXCAVATION (ON THE EAST RIVER BANK) WAS THE RESULT OF CONCRETE DEBRIS THAT CAUSED OVER EXCAVATION OR PREVENTED EXCAVATION TO THE CORRECT DEPTH.
8. AS-BUILT CONDITIONS SHOWN AS OF JULY 29, 2003.

LEGEND

×1887	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	DENOTES TSCA EXCAVATION (DEPTH SHOWN)
	APPROVED OVER EXCAVATION
518+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
	ORIGINAL TOE

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 517+50 TO 518+25

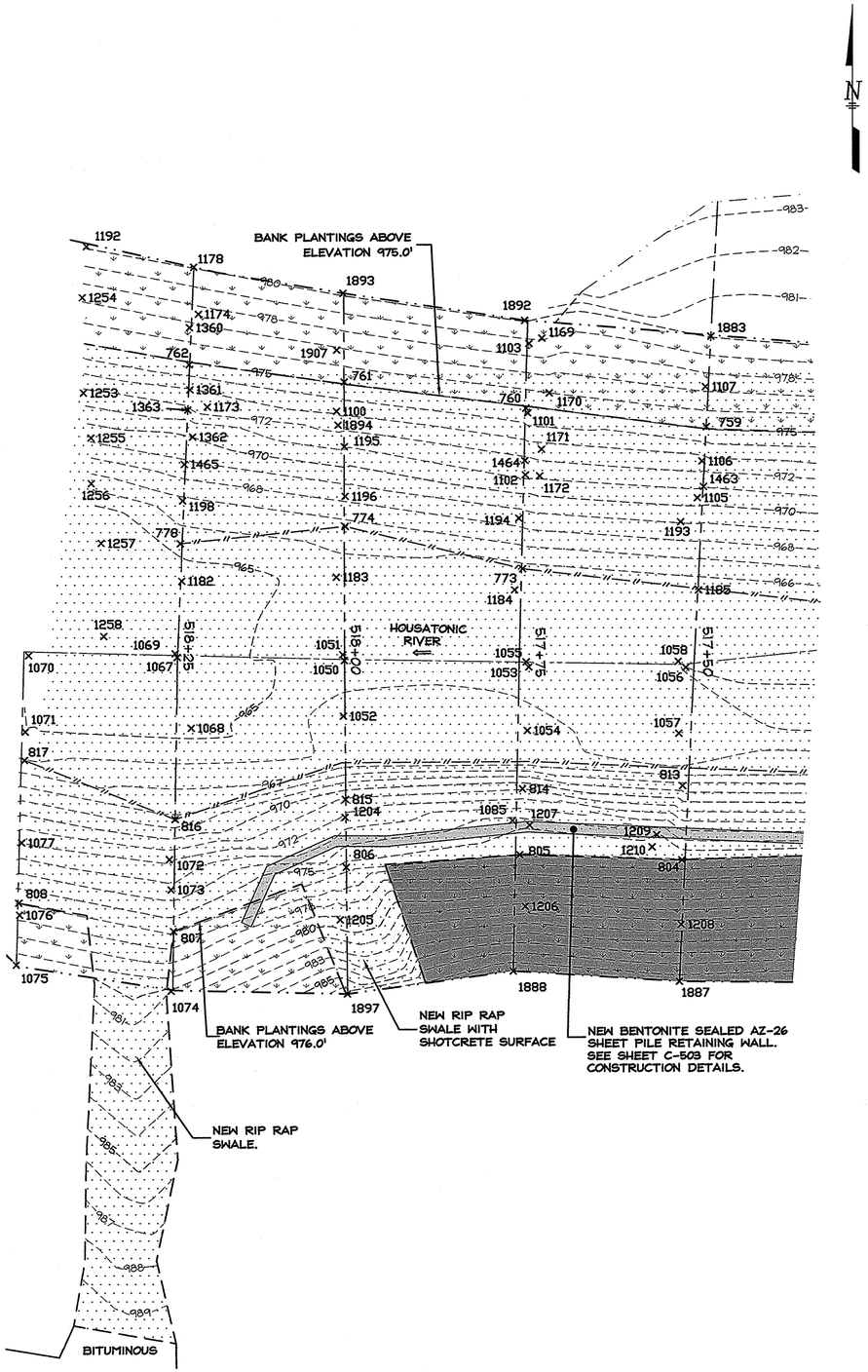
DRAWN BY	JR
DATE DRAWN	12-12-03
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 11 & 11A.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-121	B



NOTES:

1. ORIGINAL TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN APRIL, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #11A & 12A AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF JULY 29, 2003.

LEGEND

×1887	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	RIPRAP ARMOR
	BANK PLANTINGS
	GEOCELL
518+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
979 / 980	AS-BUILT CONTOURS
	TOP OF BANK RIPRAP ARMOR
	NEW TOE
	NEW SHEETPILE RETAINING WALL

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 517+50 TO 518+25

PROJECT DESCRIPTION: PHASE I AS-BUILT DRAWINGS

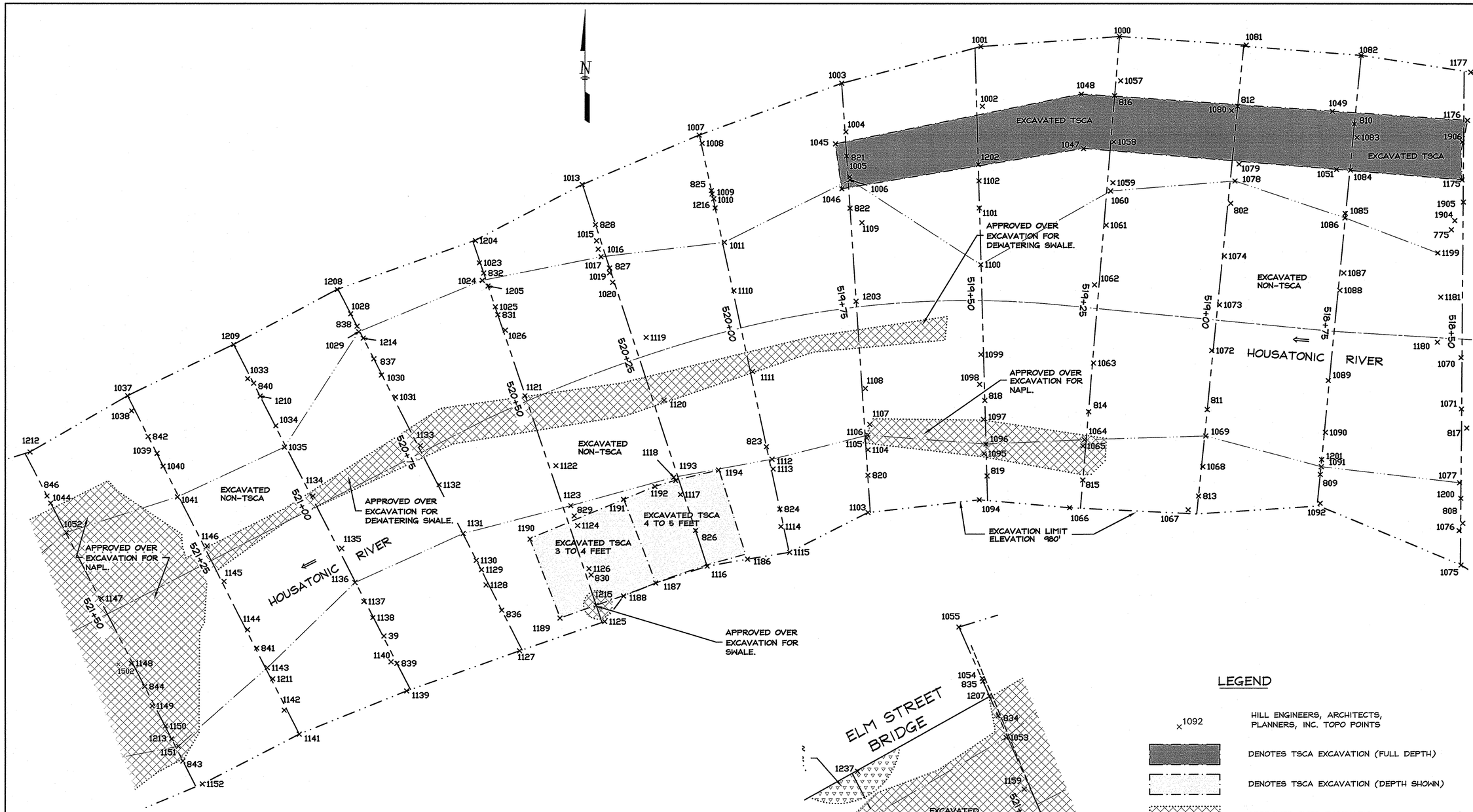
DRAWN BY	JR
DATE DRAWN	12-12-03
SCALE	1"=10'
APV'D BY	

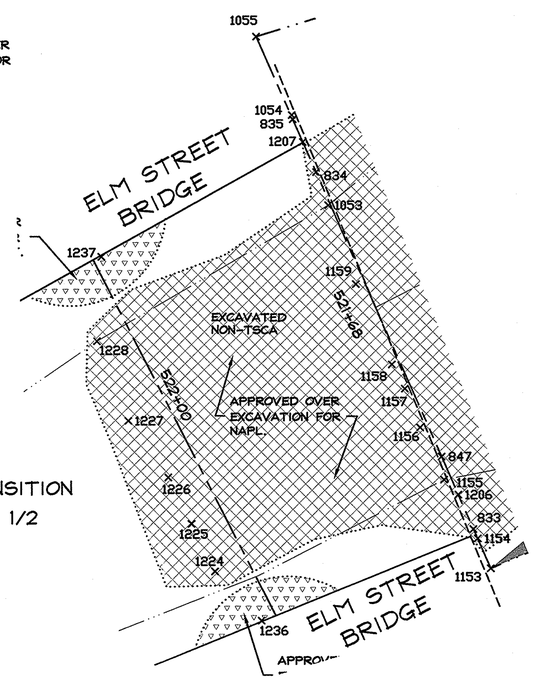
CAD CODE: AS-BUILT CELLS 11 & 11A.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-122	B





END TRANSITION
PHASE 1/2

LEGEND

×1092	HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. TOPO POINTS
	DENOTES TSCA EXCAVATION (FULL DEPTH)
	DENOTES TSCA EXCAVATION (DEPTH SHOWN)
	APPROVED OVER EXCAVATION
	APPROVED UNDER EXCAVATION
519+00	RIVER/BANK SECTIONS
	DESIGN CENTERLINE OF RIVER
	LIMITS OF EXCAVATION
	ORIGINAL TOE

NOTES:

1. TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. AUGUST 1, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. EXCAVATION LIMITS, DEPTHS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELL 13 (TRANSITION PHASE 1/2) AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF NOVEMBER 11, 2003.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	TMA		9-5-06
C	GENERAL REVISIONS	JR		12-19-08

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 518+50 TO 522+00

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

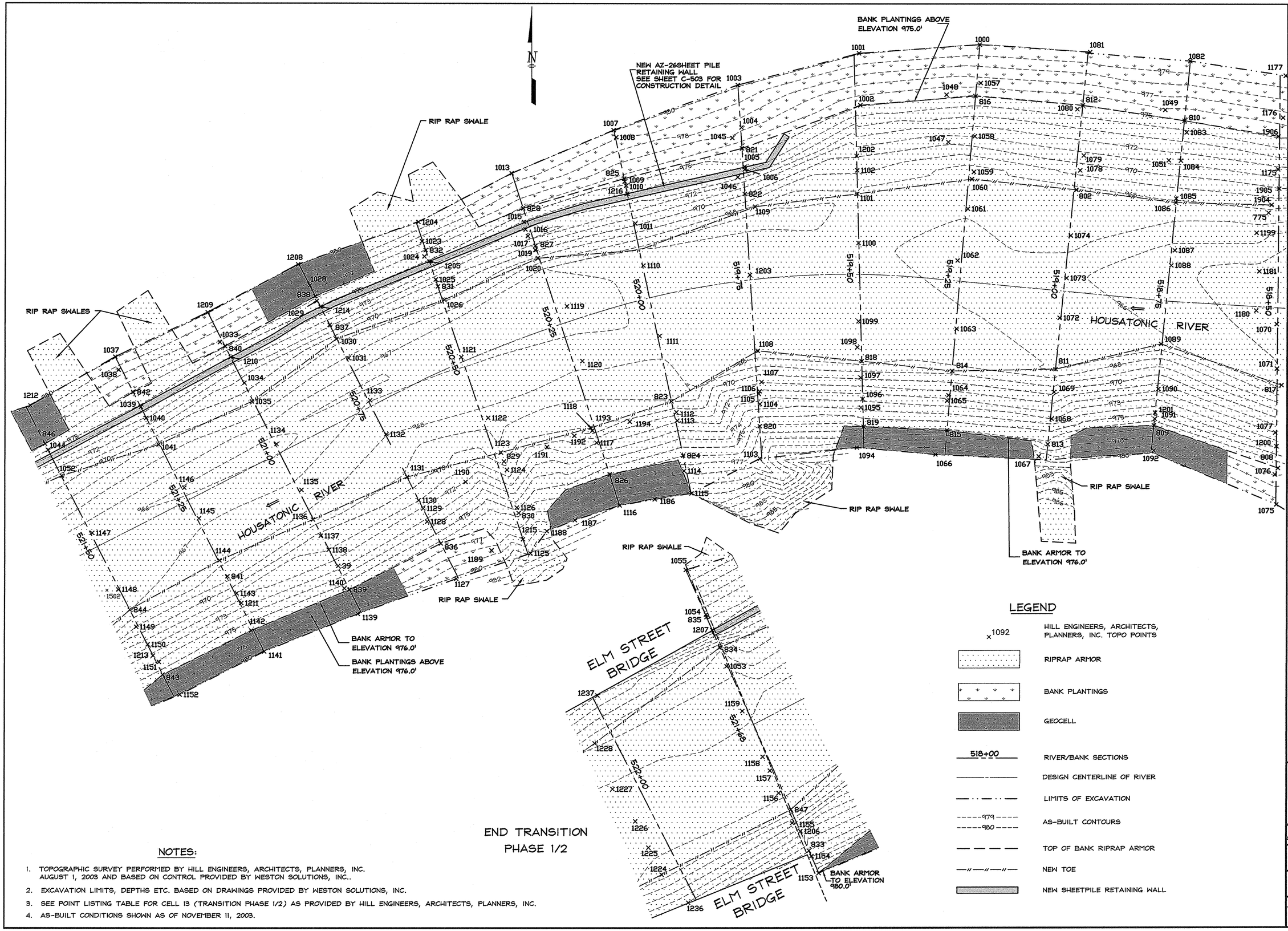
DRAWN BY	JR
DATE DRAWN	1-9-04
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELL 13.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-123	C



NOTES:

1. TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. AUGUST 1, 2003 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. EXCAVATION LIMITS, DEPTHS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELL 13 (TRANSITION PHASE 1/2) AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. AS-BUILT CONDITIONS SHOWN AS OF NOVEMBER 11, 2003.

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REV.	DESCRIPTION	DR'N (CK'D)	DATE
A	GENERAL REVISIONS	JR	1-3-05
B	GENERAL REVISIONS	TMA	9-5-06
C	GENERAL REVISIONS	JR	12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 517+50 TO 518+25

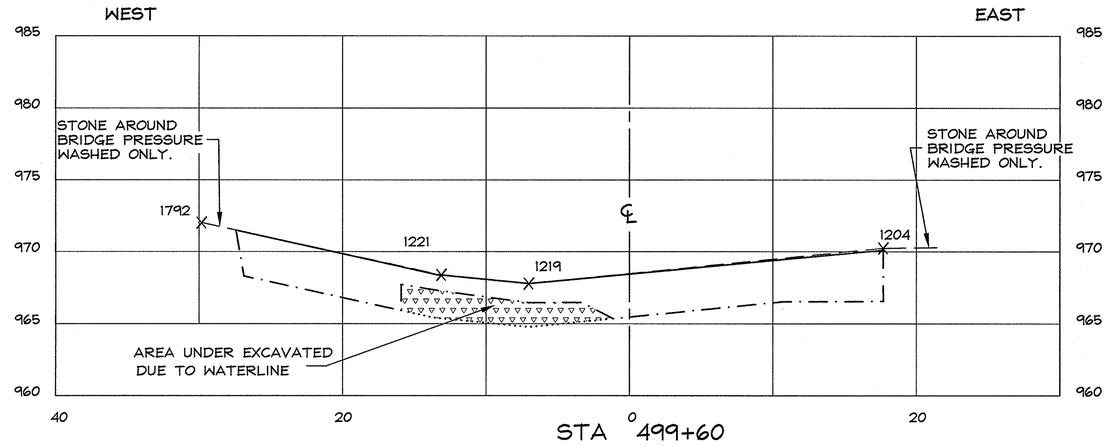
DRAWN BY	JR
DATE DRAWN	1-9-04
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELL 13.DWG

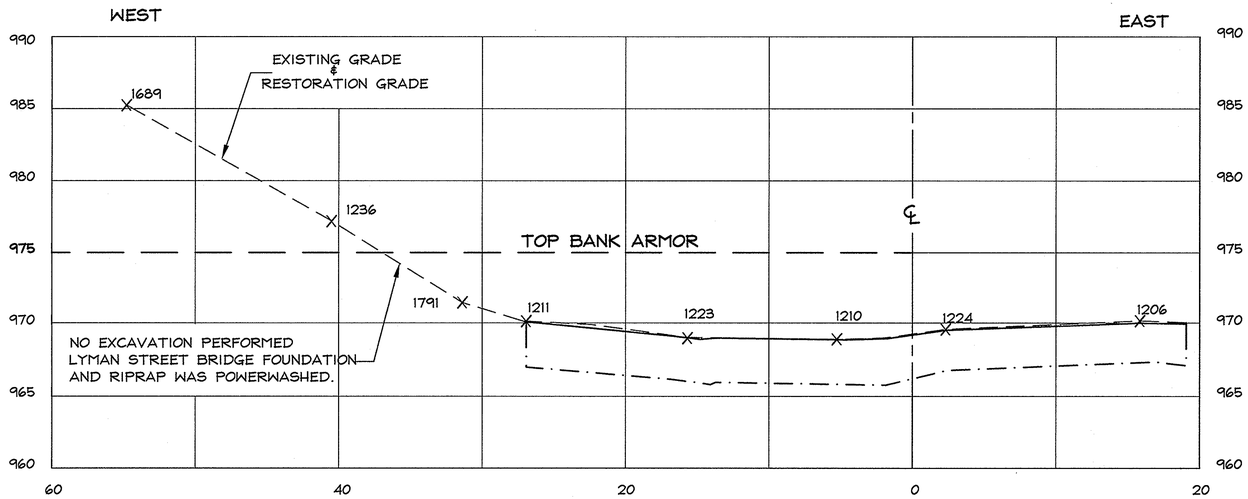
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-19

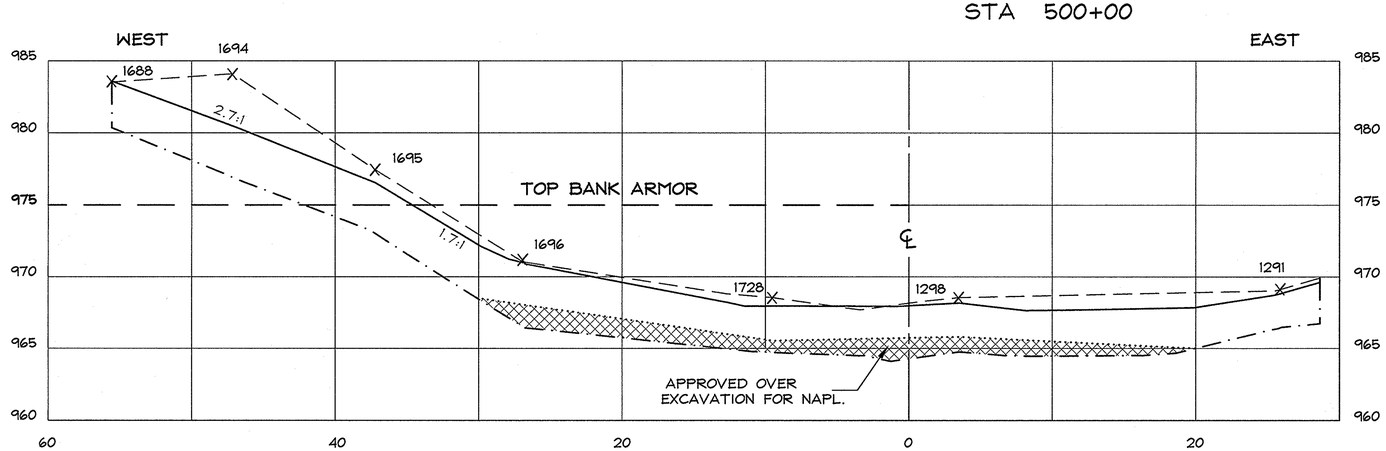
DRAWING NUMBER	REV.
C-124	B



STA 499+60



STA 500+00



STA 500+22

SECTION LEGEND

— — — — —	EXISTING ELEV. (HILL 2002)	·····	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
—·—·—·—	EXCAVATION ELEV.		APPROVED OVER EXCAVATION
———	RESTORATION ELEV.		APPROVED UNDER EXCAVATION
x 1704	HILL TOPO POINT		

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

A COPY OF THE DATA IN THIS DRAWING FILE IS MAINTAINED AT THE OFFICES OF HILL ENGINEERS ARCHITECTS PLANNERS, INC. THE INTERPRETATION, APPLICATION AND REVISION OF THIS DATA IS THE SOLE RESPONSIBILITY OF THE USER.

WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 499+60 TO 500+22

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

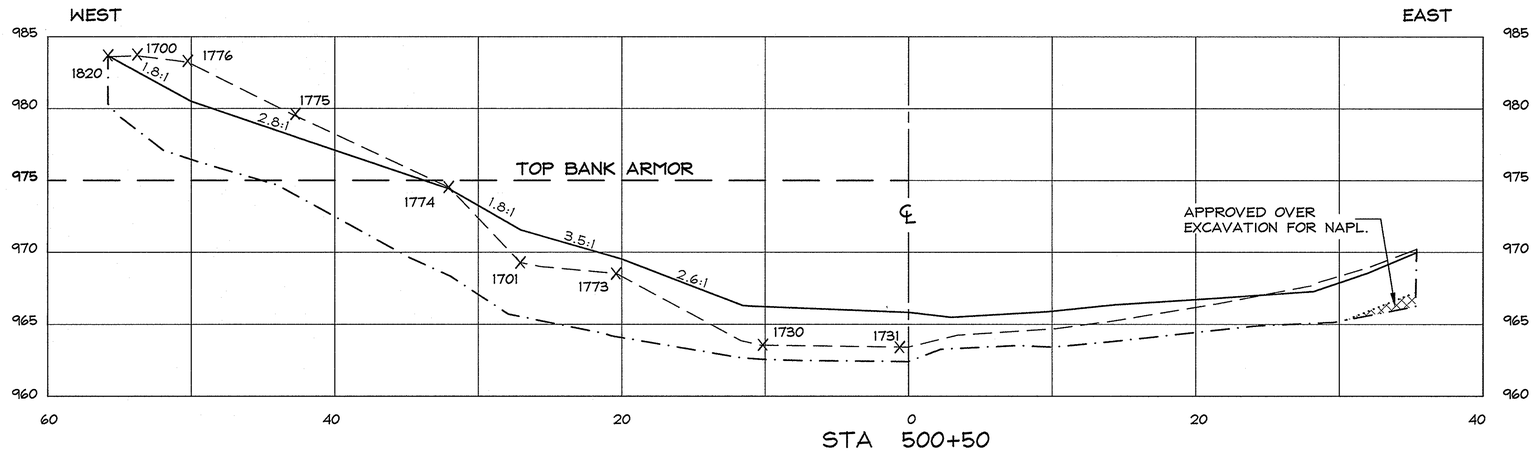
DRAWN BY	JR
DATE DRAWN	9-17-03
SCALE	1"=5'
APV'D BY	

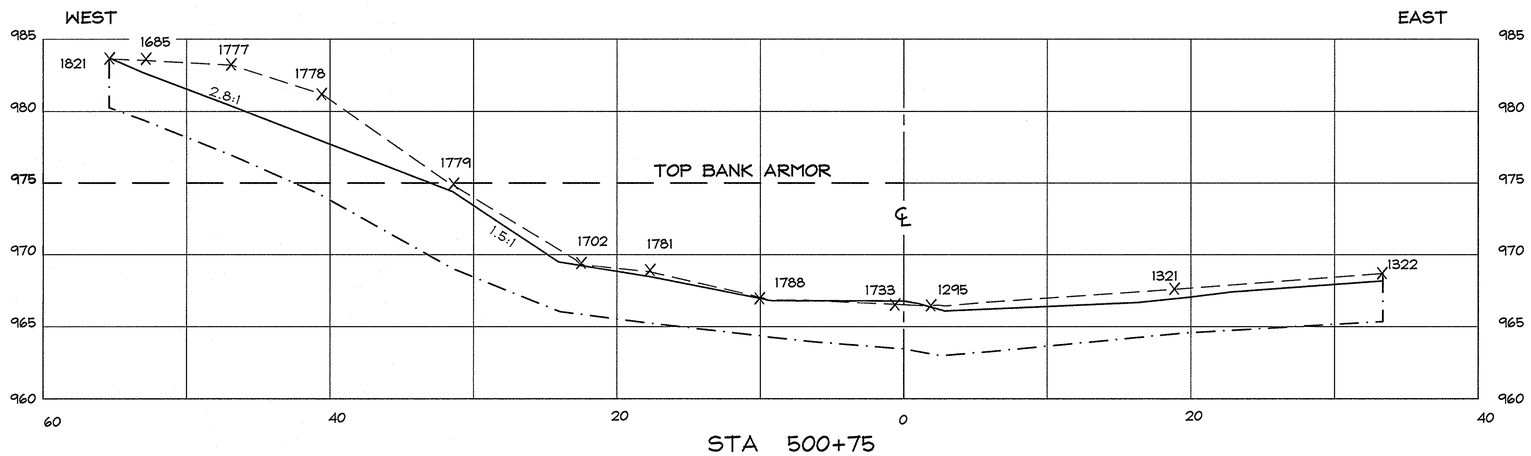
CAD CODE: AS-BUILT CELLS 1-4.DWG

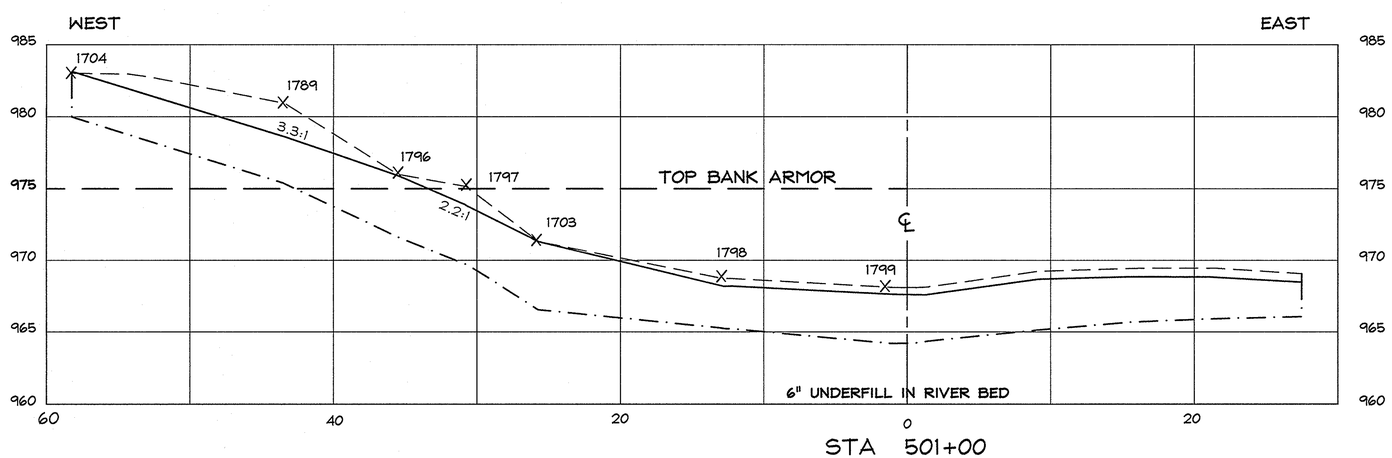
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-301	B







SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL 2002)	X 1703	HILL TOPO POINT
—·—·—·—	EXCAVATION ELEV.	.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
————	RESTORATION ELEV.		APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

A COPY OF THE DATA IN THIS DRAWING FILE IS MAINTAINED AT THE OFFICES OF HILL ENGINEERS ARCHITECTS, PLANNERS, INC. THE INTERPRETATION, APPLICATION AND REVISION OF THIS DATA IS THE SOLE RESPONSIBILITY OF THE USER.

WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 500+50 TO 501+00

PROJECT DESCRIPTION: PHASE I AS-BUILT DRAWINGS

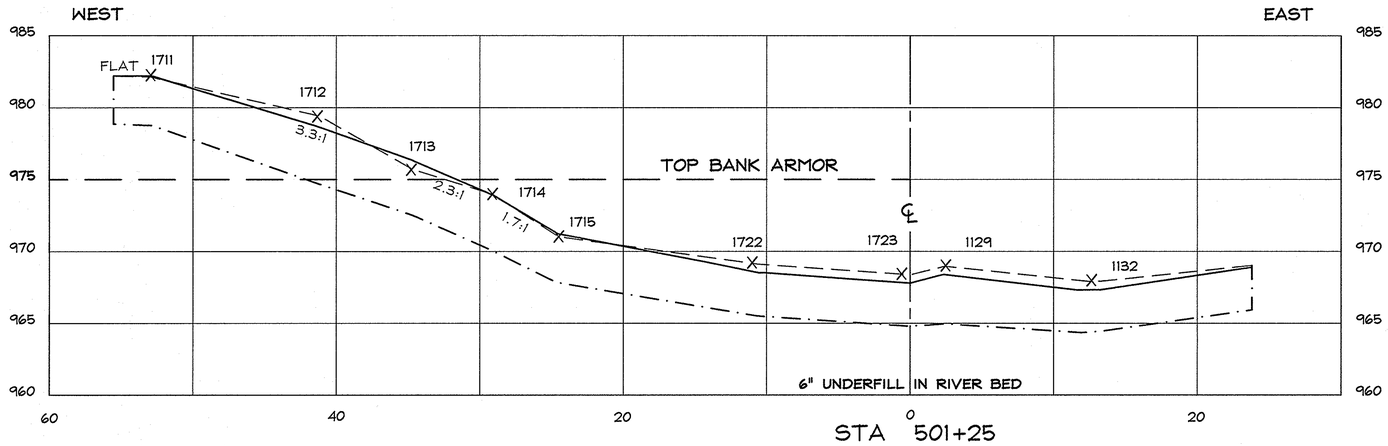
DRAWN BY	JR
DATE DRAWN	9-17-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 1-4.DWG

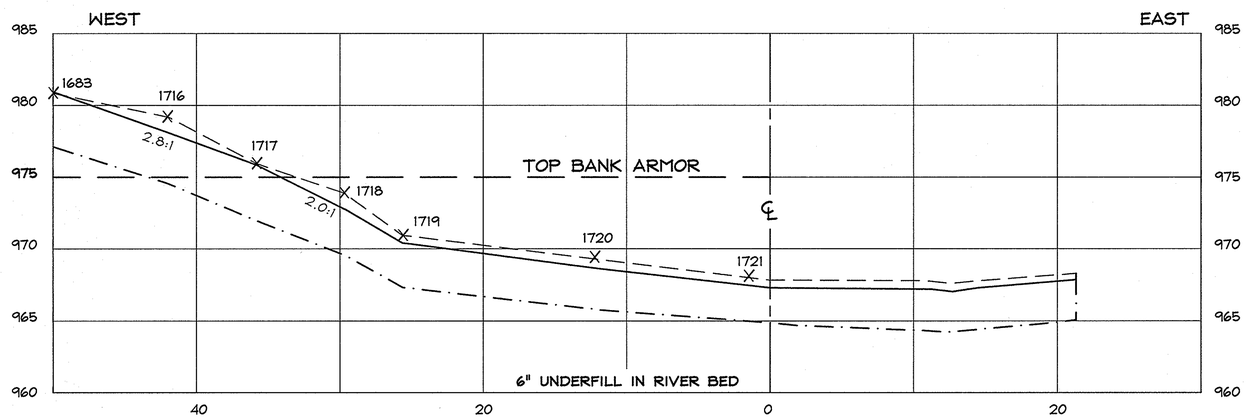
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

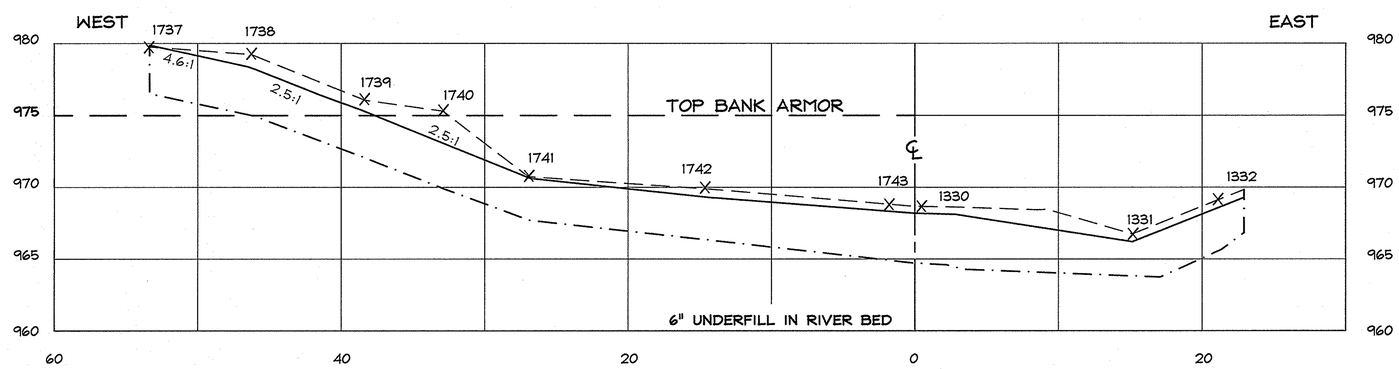
DRAWING NUMBER	REV.
C-302	B



STA 501+25



STA 501+50



STA 501+78

SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL 2002)
—·—·—·—	EXCAVATION ELEV.
————	RESTORATION ELEV.
X 1740	HILL TOPO POINT

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 501+25 TO 501+78

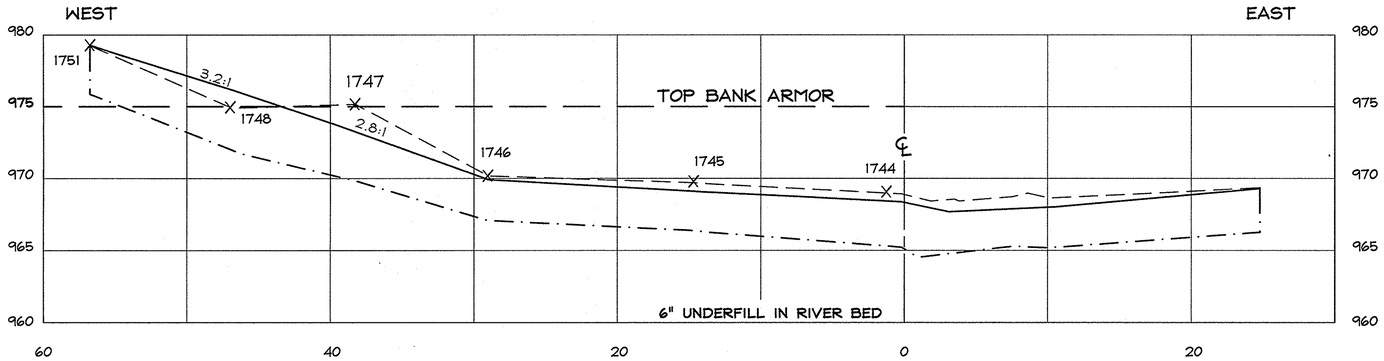
DRAWN BY	JR
DATE DRAWN	9-17-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 1-4.DWG

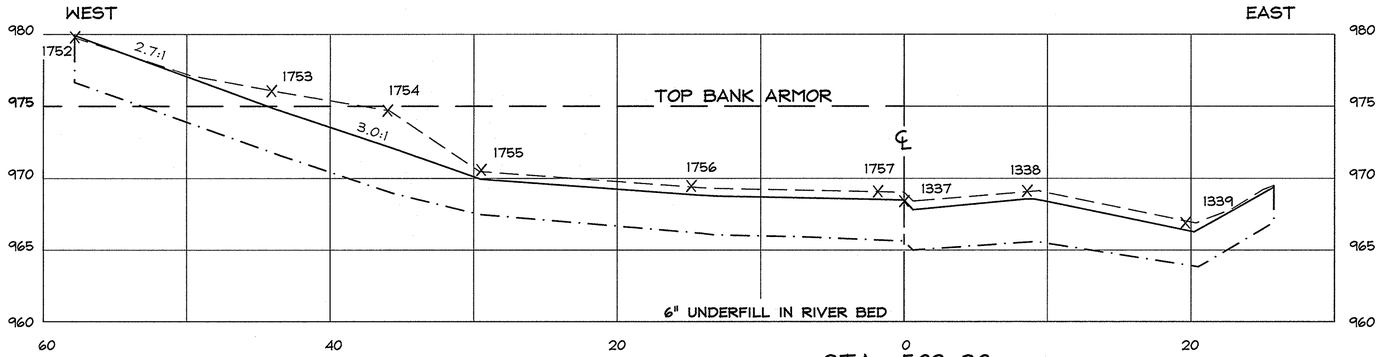
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

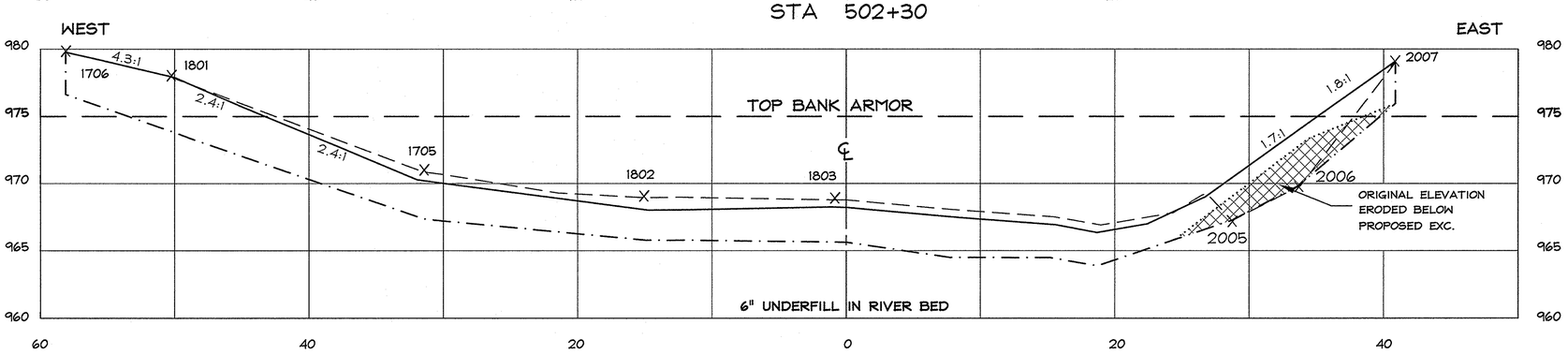
DRAWING NUMBER	REV.
C-303	B



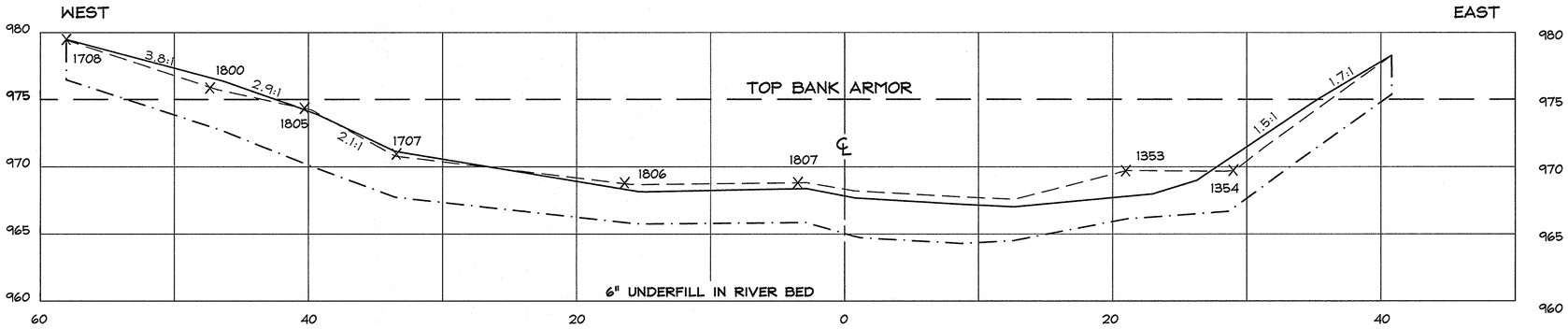
STA 502+00



STA 502+30



STA 502+50



STA 502+75

SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL 2002)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
X 1744	HILL TOPO POINT
.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
▨	APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE I AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 502+00 TO 502+75

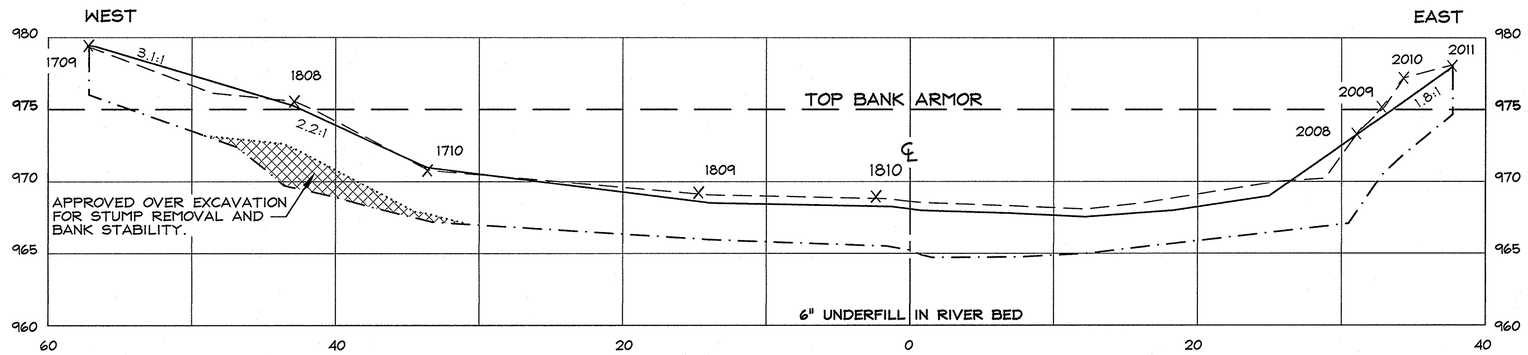
DRAWN BY	JR
DATE DRAWN	9-17-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 1-4.DWG

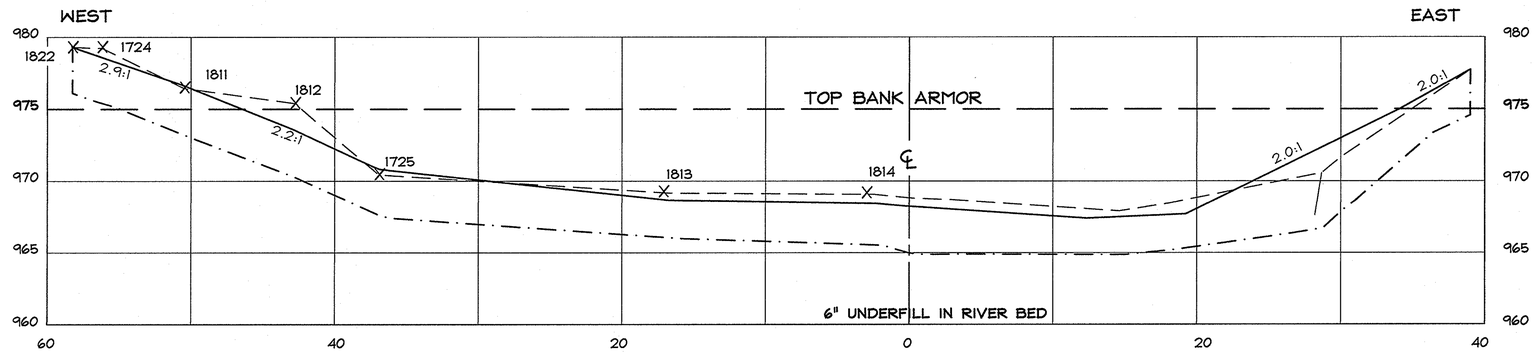
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

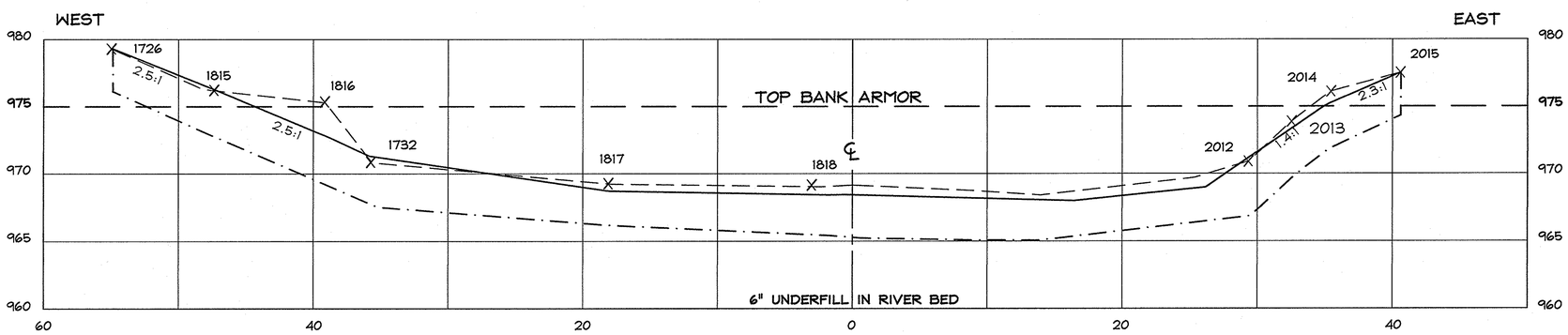
DRAWING NUMBER	REV.
C-304	B



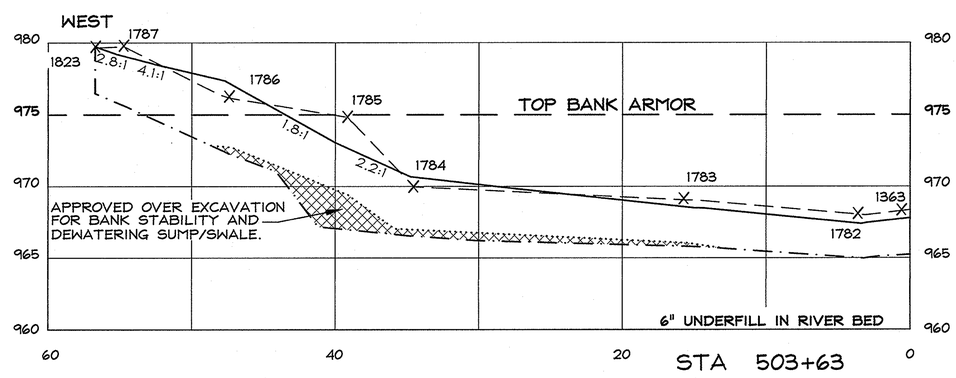
STA 503+00



STA 503+25



STA 503+50



STA 503+63

SECTION LEGEND

— — — — —	EXISTING ELEV. (HILL 2002)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
X 1787	HILL TOPO POINT
.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
▨	APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 503+00 TO 503+63

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

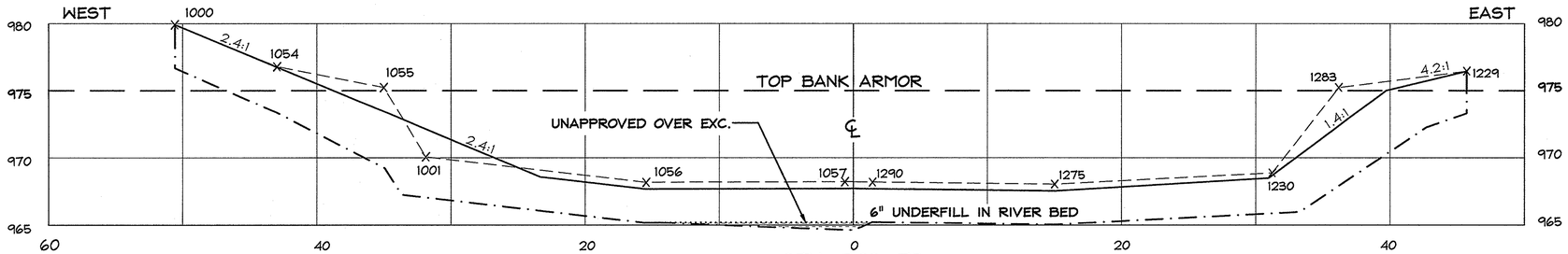
DRAWN BY	JR
DATE DRAWN	9-17-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 1-4.DWG

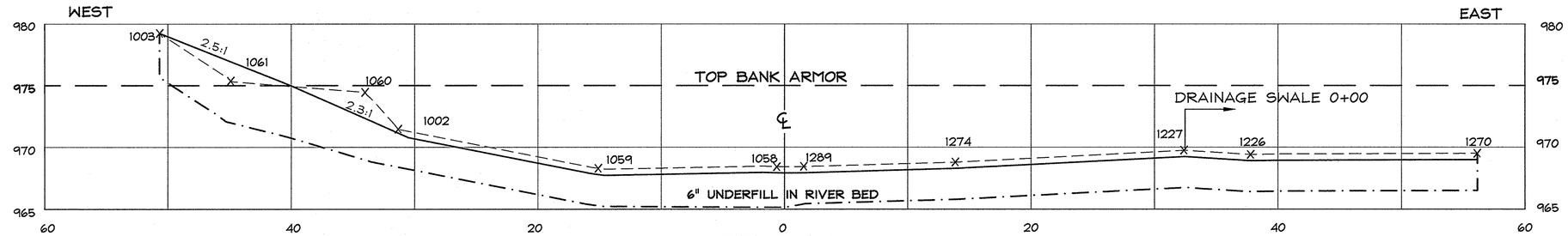
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

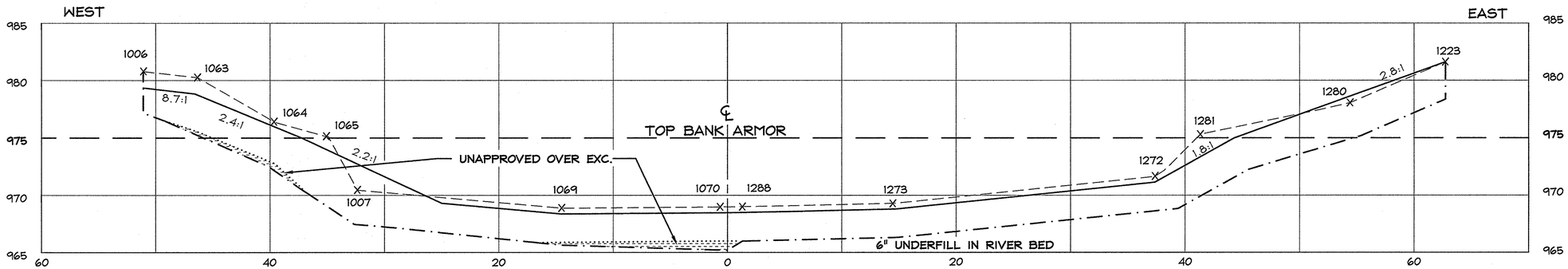
DRAWING NUMBER	REV.
C-305	B



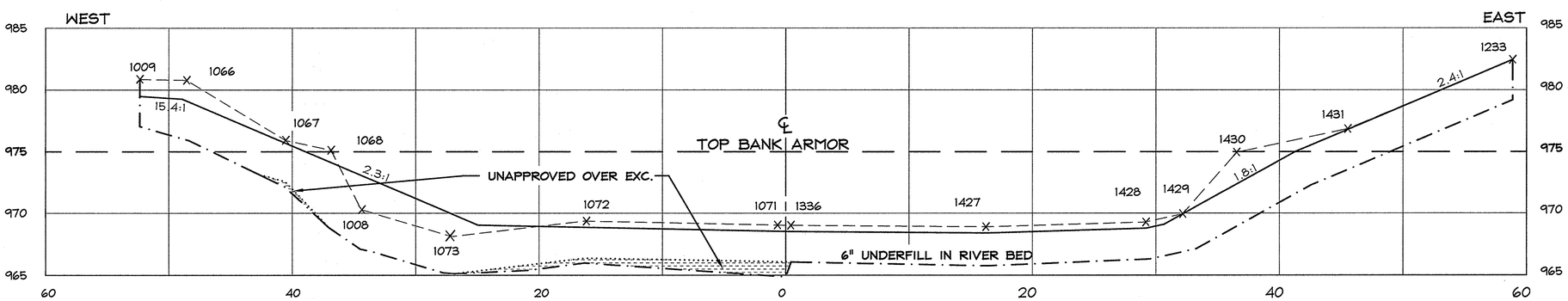
STA 503+75



STA 504+00



STA 504+25



STA 504+50

SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL 2002)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
x 1067	HILL TOPO POINT
·····	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
▒▒▒	UNAPPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-05

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WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 503+75 TO 504+50

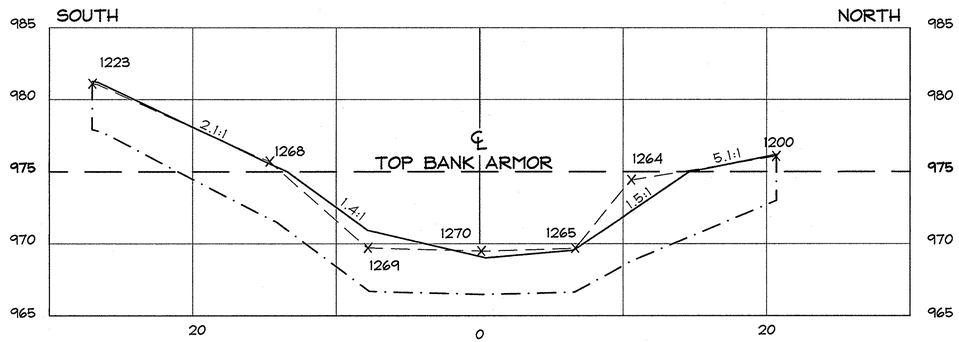
DRAWN BY	JR
DATE DRAWN	11-5-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 5-6.DWG

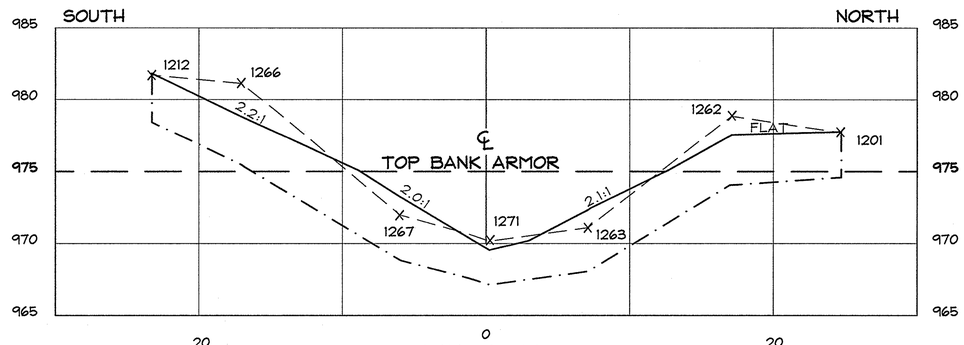
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

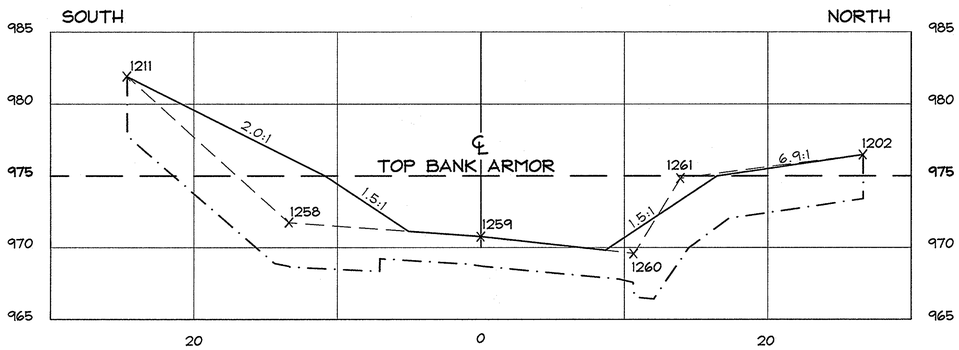
DRAWING NUMBER	REV.
C-306	B



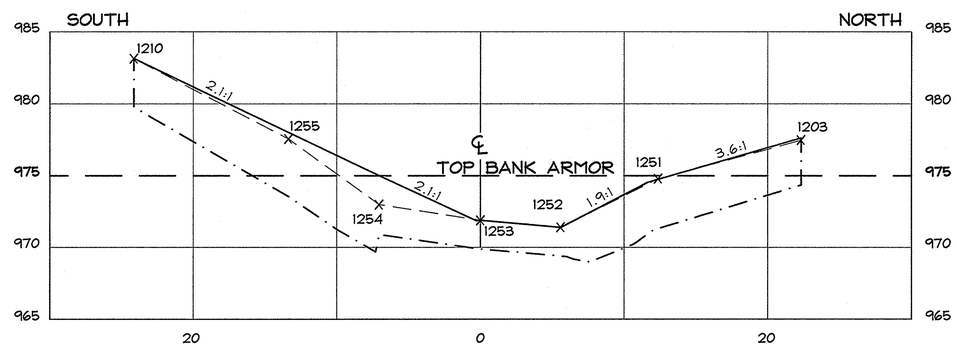
STA 0+25



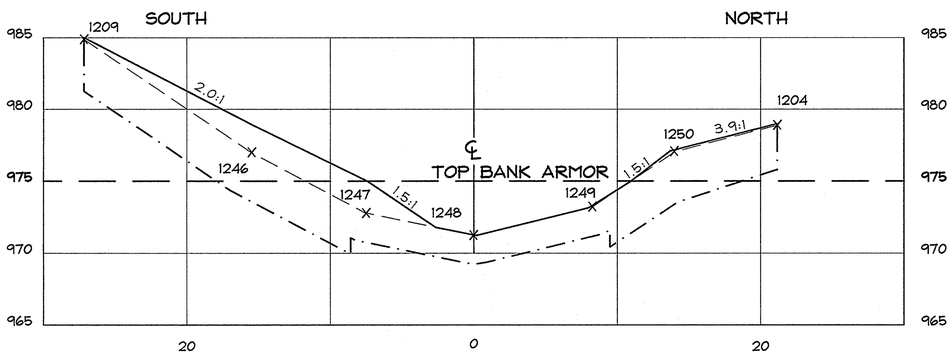
STA 0+50



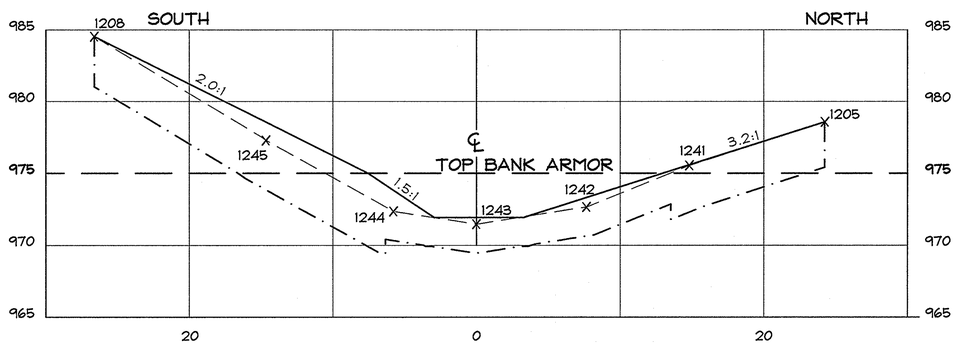
STA 0+75



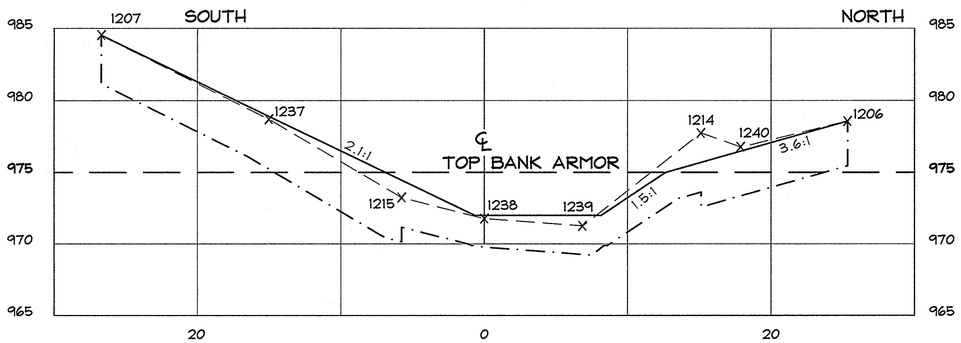
STA 1+00



STA 1+25



STA 1+50



STA 1+62

SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL 2002)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
x 1243	HILL TOPO POINT

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 0+25 TO 1+62 DAY ST. DRAINAGE SWALE

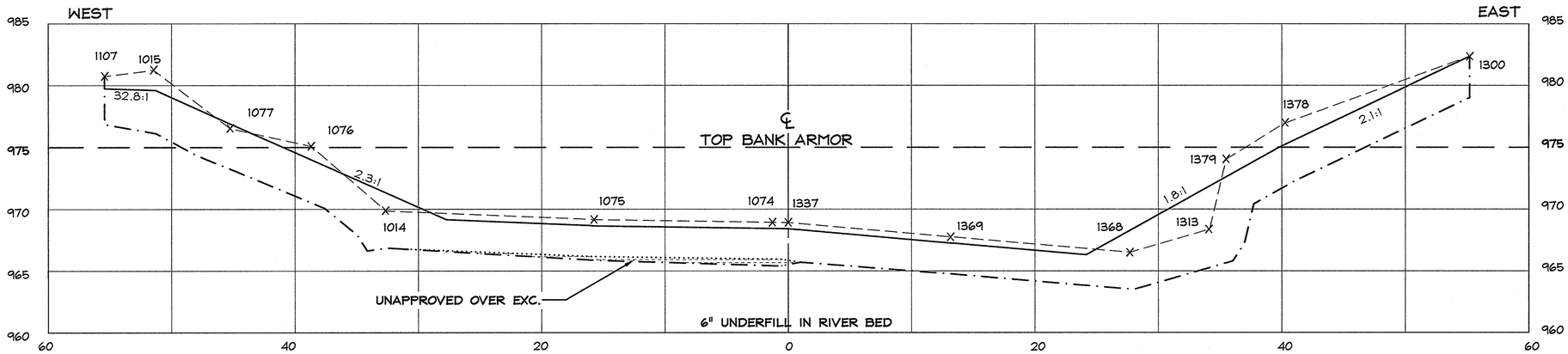
DRAWN BY	JR
DATE DRAWN	11-5-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 5-6.DWG

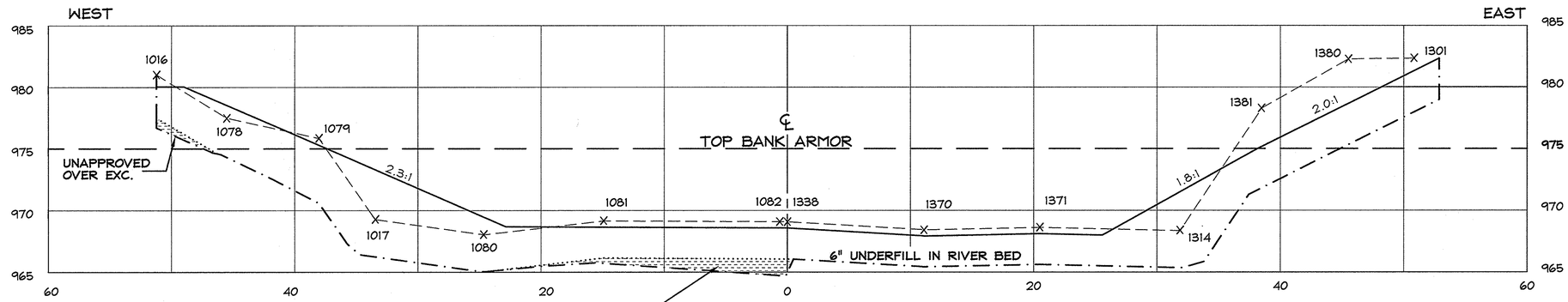
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

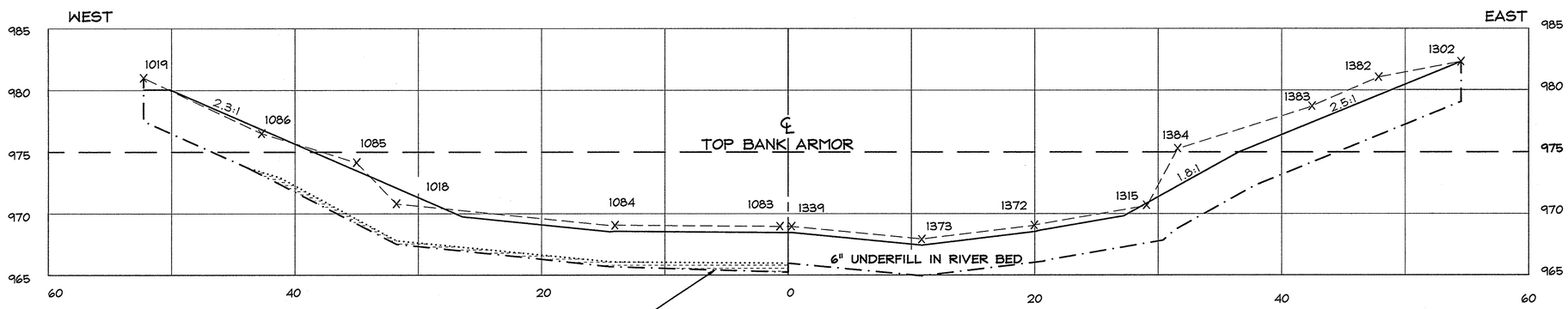
DRAWING NUMBER	REV.
C-307	B



STA 504+75



STA 505+00



STA 505+25

SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL 2002)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
X 1085	HILL TOPO POINT
·····	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
▒▒▒	UNAPPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-05

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EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 504+75 TO 505+25

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

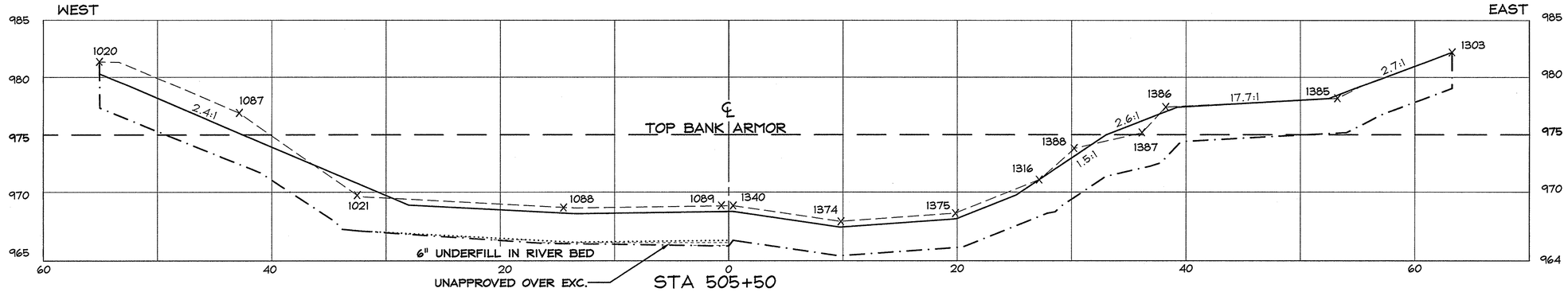
DRAWN BY	JR
DATE DRAWN	11-5-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 5-6.DWG

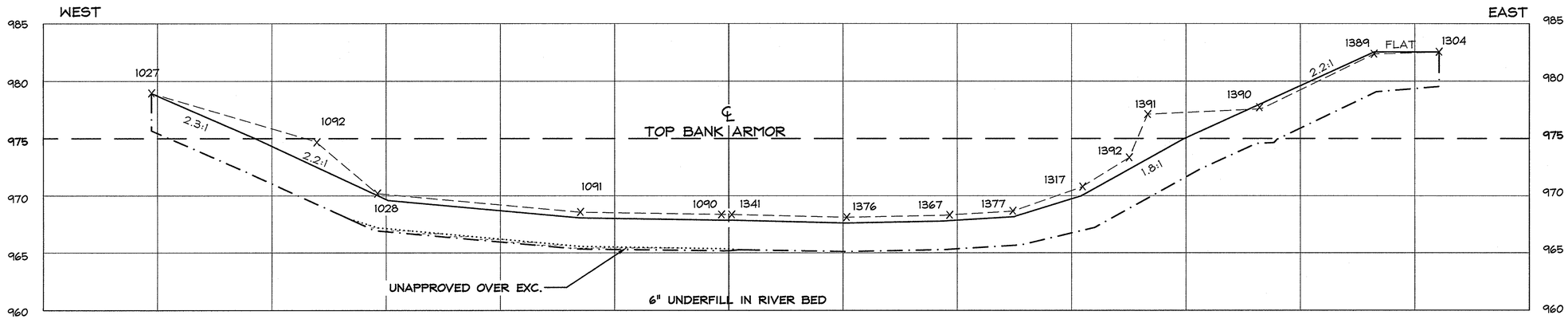
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

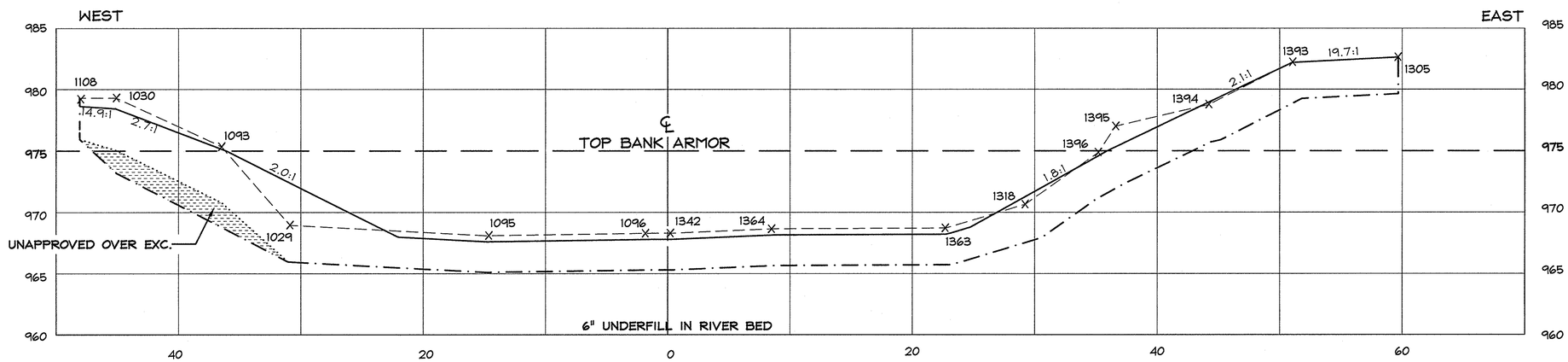
DRAWING NUMBER	REV.
C-308	B



STA 505+50



STA 505+75



STA 506+00

SECTION LEGEND

— — — — —	EXISTING ELEV. (HILL 2002)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
x 1029	HILL TOPO POINT
·····	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
▒▒▒	UNAPPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 505+50 TO 506+00

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

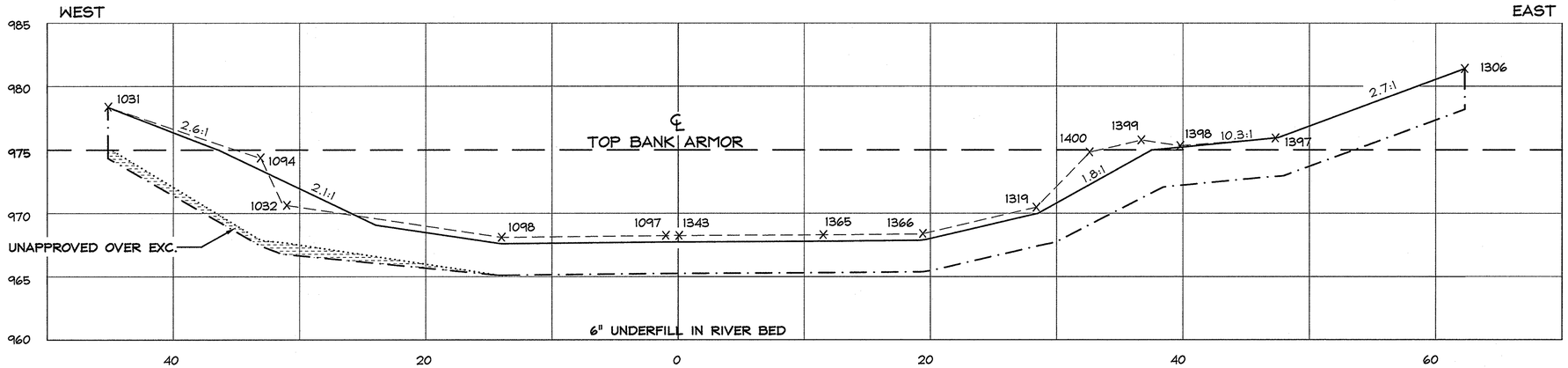
DRAWN BY	JR
DATE DRAWN	11-5-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 5-6.DWG

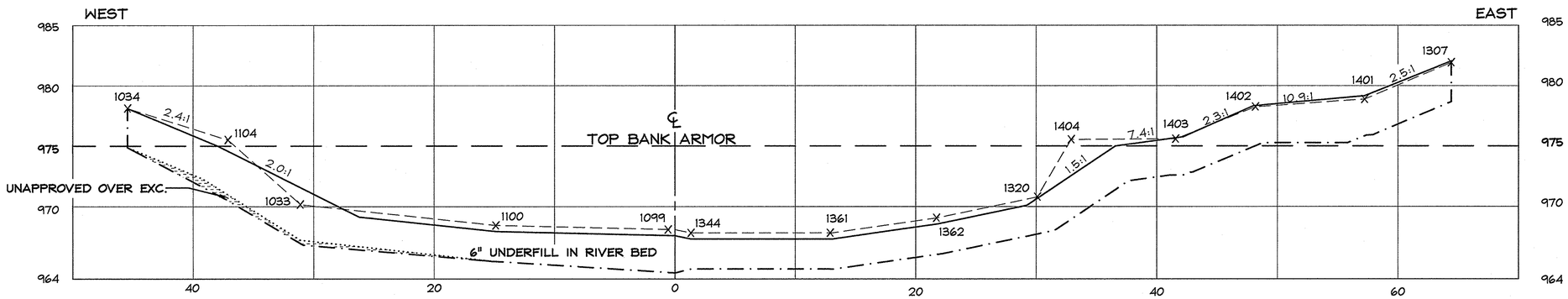
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

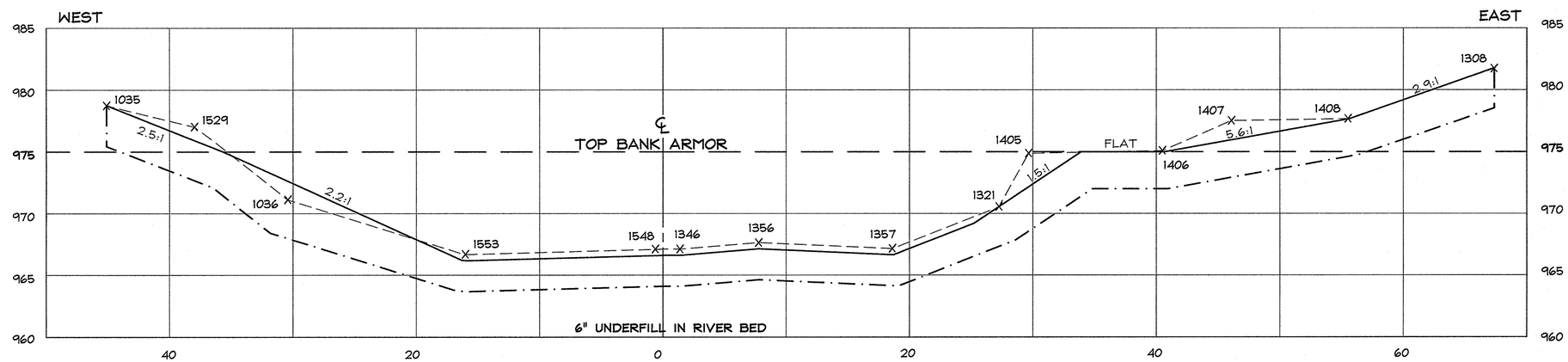
DRAWING NUMBER	REV.
C-309	B



STA 506+25



STA 506+50



STA 506+75

SECTION LEGEND

- EXISTING ELEV. (HILL 2002)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1356 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- UNAPPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-06
B	GENERAL REVISIONS	JR		12-19-08

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 506+25 TO 506+75

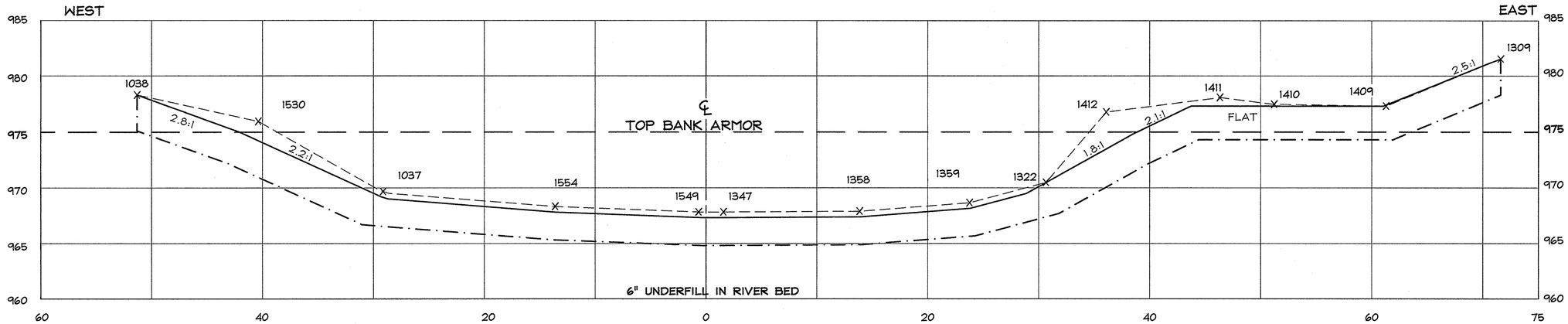
DRAWN BY	JR
DATE DRAWN	11-5-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 5-6.DWG

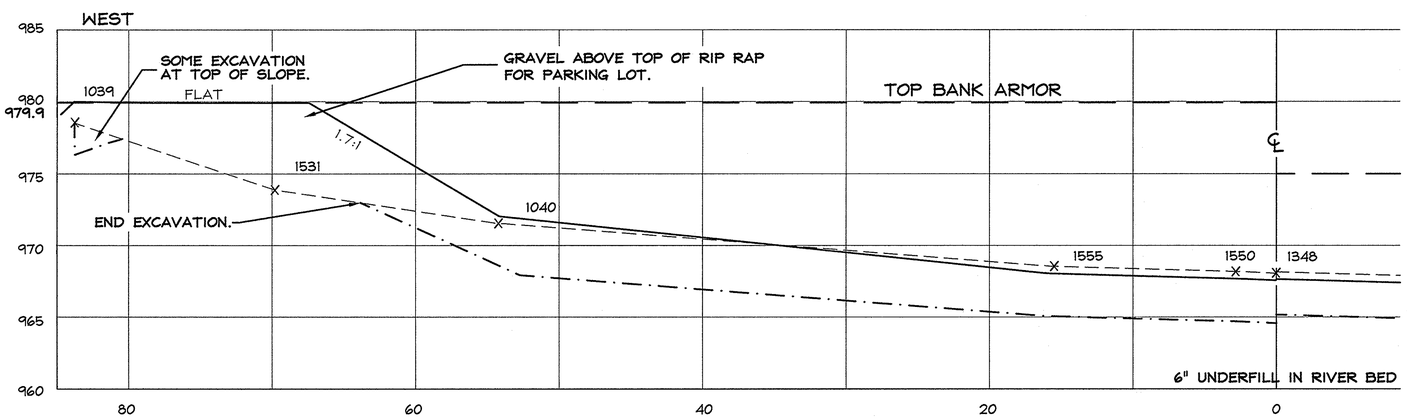
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-310	B



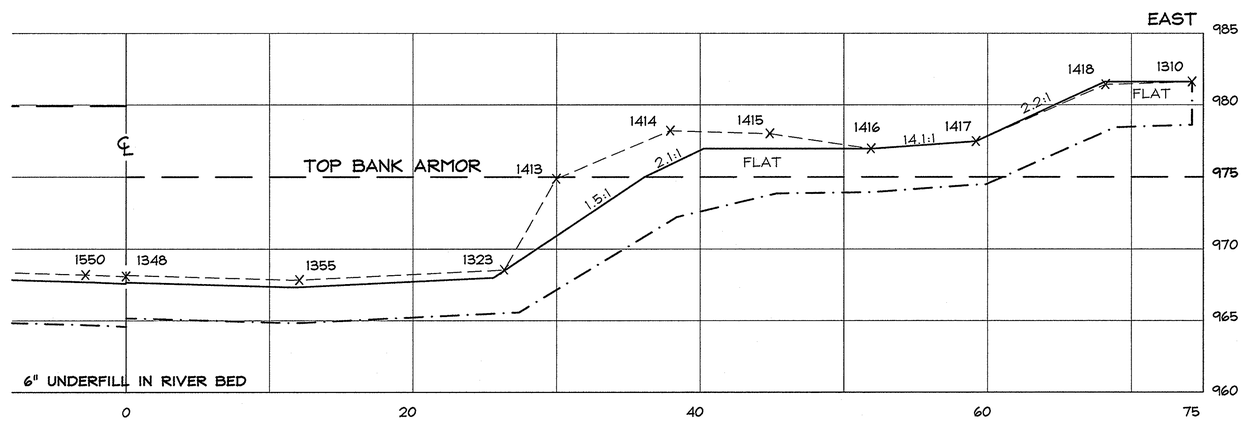
STA 507+00



STA 507+25

SECTION LEGEND

— — — — —	EXISTING ELEV. (HILL 2002)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
× 1040	HILL TOPO POINT



STA 507+25

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION
PHASE 1
AS-BUILT DRAWINGS

DRAWING TITLE
AS-BUILT SECTIONS
STATIONS 507+00 TO 507+25

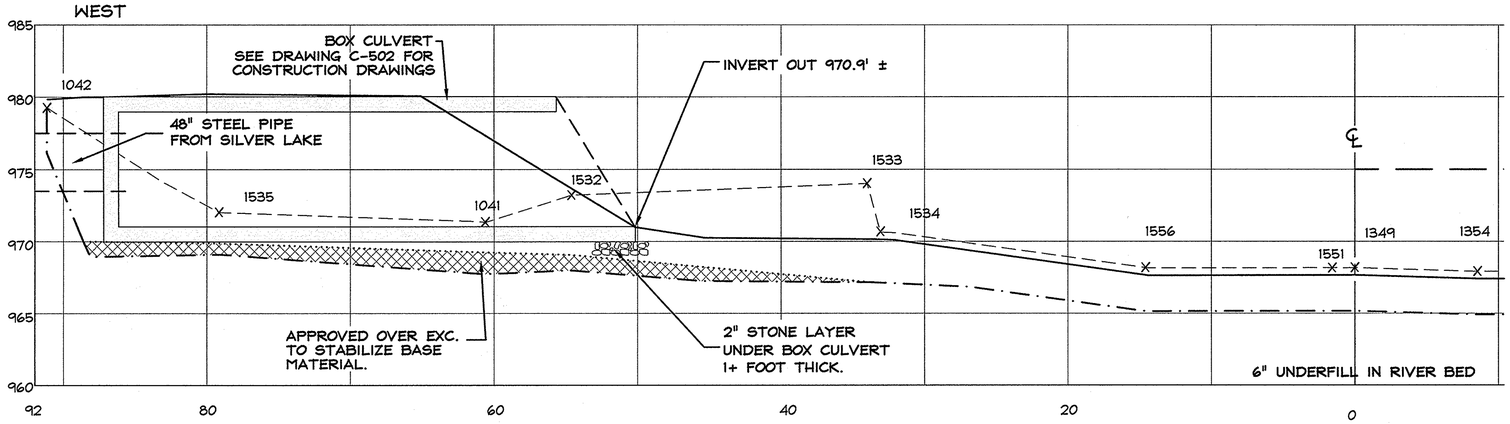
DRAWN BY	JR
DATE DRAWN	11-5-03
SCALE	1"=5'
APV'D BY	

CAD CODE:
AS-BUILT CELLS 5-6.DWG

GRAPHIC SCALE: 0 5 10

PROJECT NUMBER:
SRV-758-19

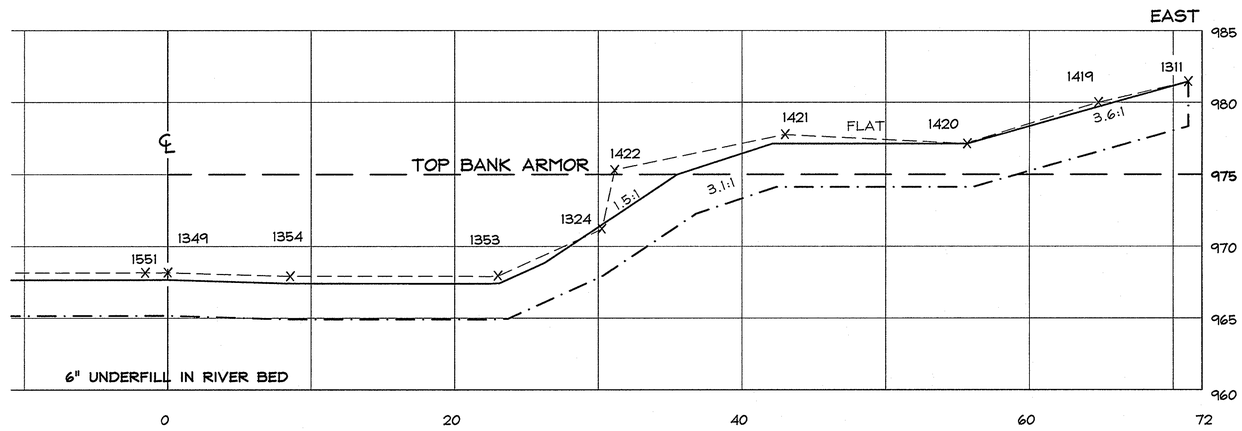
DRAWING NUMBER	REV.
C-311	B



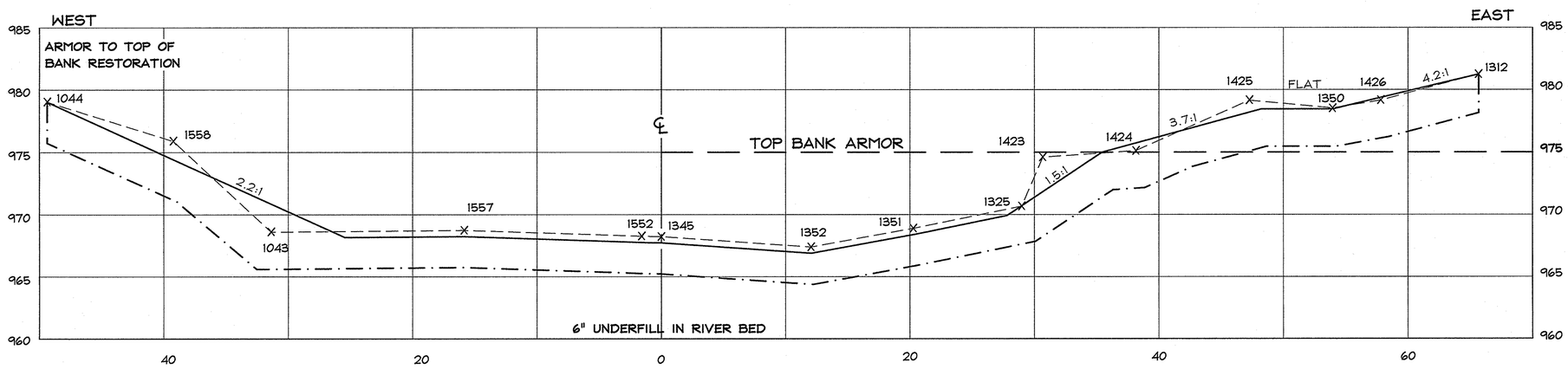
STA 507+50

SECTION LEGEND

- EXISTING ELEV. (HILL 2002)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- 1354 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- UNAPPROVED OVER EXCAVATION
- APPROVED OVER EXCAVATION



STA 507+50



STA 507+75

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 507+50 TO 507+75

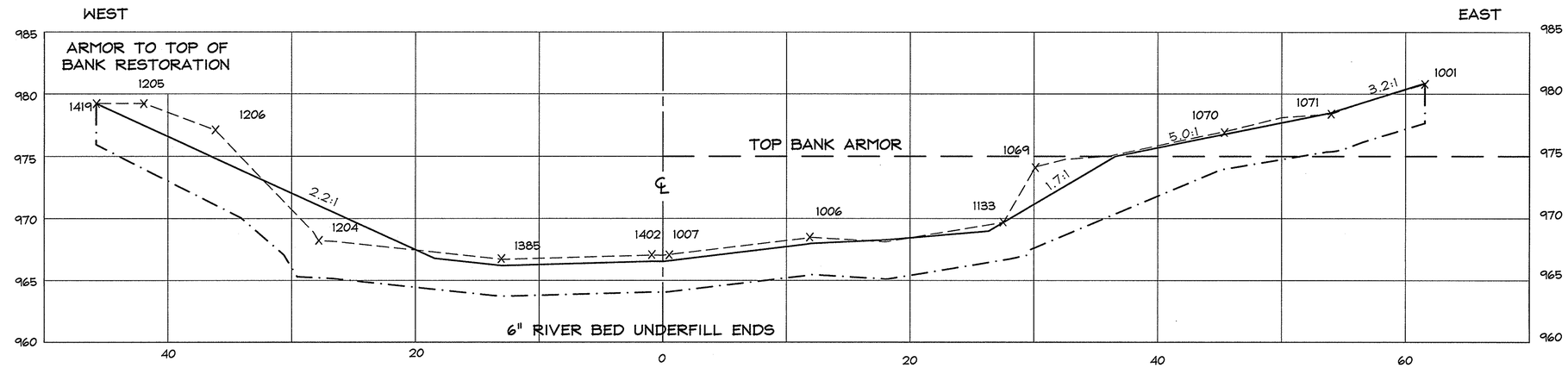
DRAWN BY	JR
DATE DRAWN	11-5-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 5-6.DWG

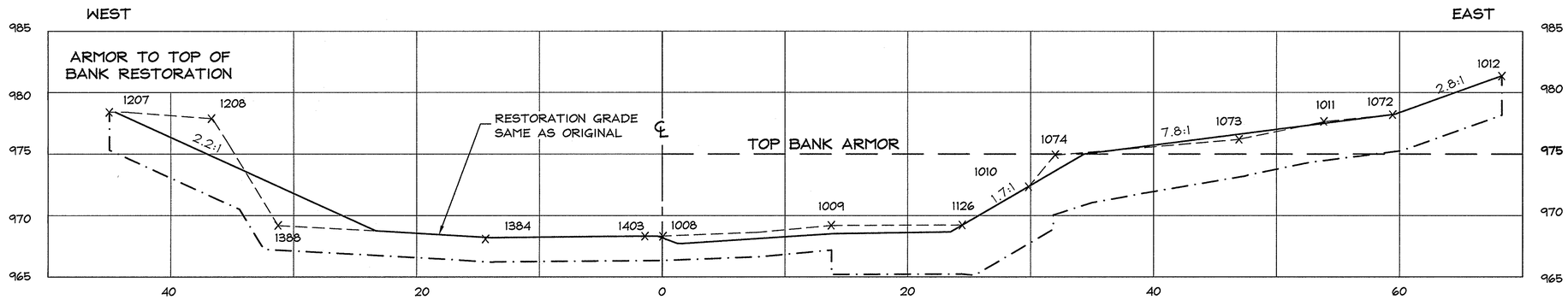
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

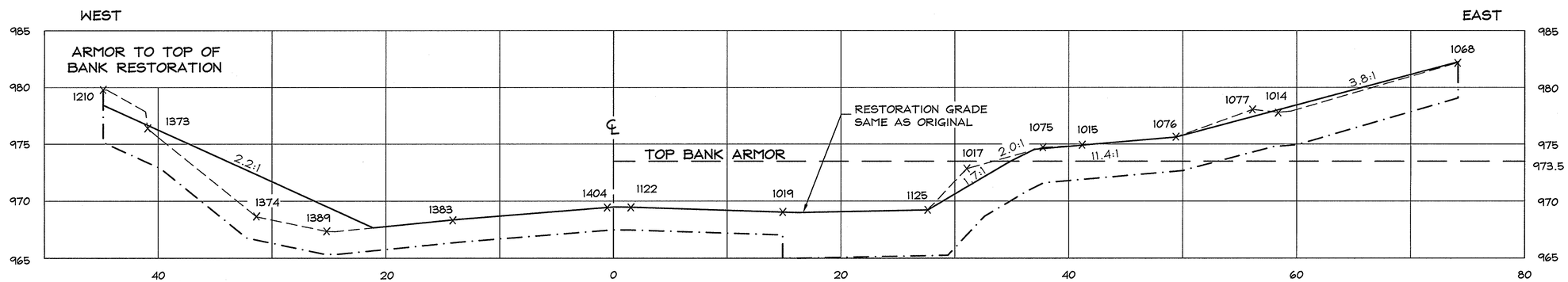
DRAWING NUMBER	REV.
C-312	B



STA 508+00



STA 508+25



STA 508+50

SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL 2002)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
x 1210	HILL TOPO POINT

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 508+00 TO 508+50

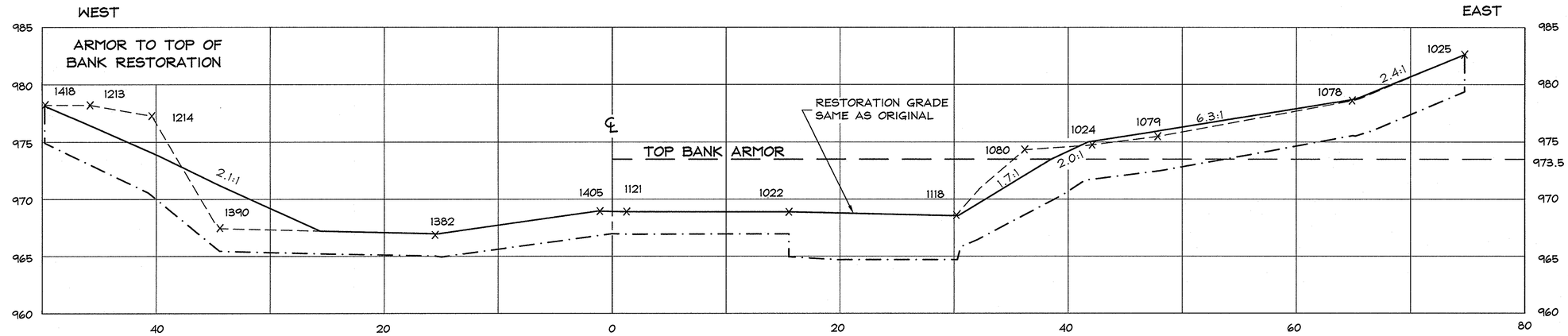
DRAWN BY	JR
DATE DRAWN	11-12-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 7-8.DWG

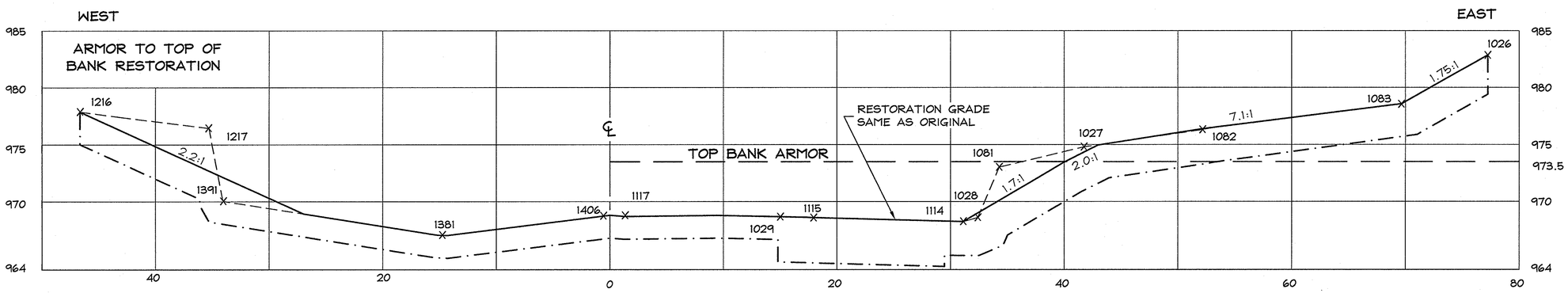
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

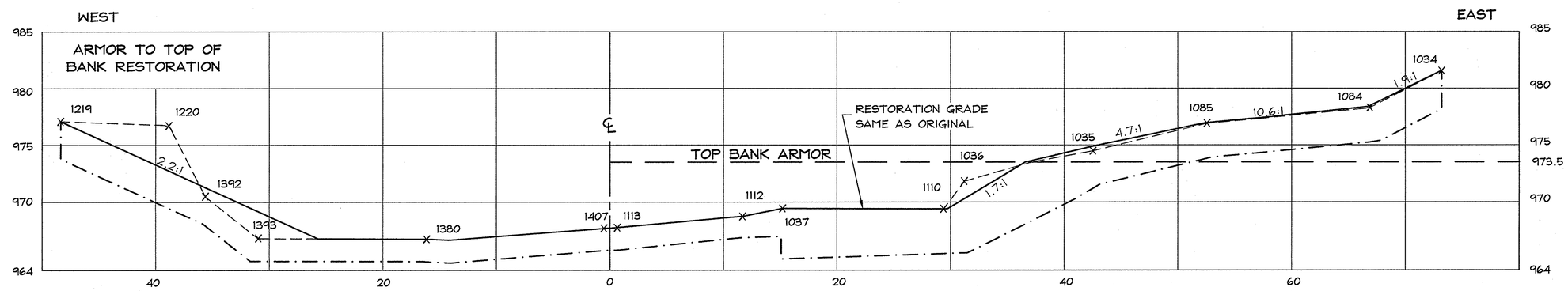
DRAWING NUMBER	REV.
C-313	B



STA 508+75



STA 509+00



STA 509+25

SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL 2002)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
x 1219	HILL TOPO POINT

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 508+75 TO 509+25

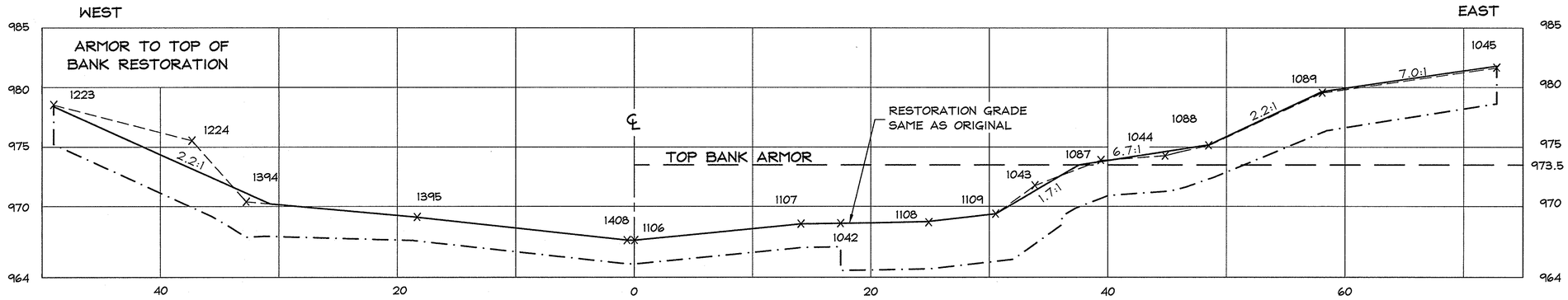
DRAWN BY	JR
DATE DRAWN	11-12-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 7-8.DWG

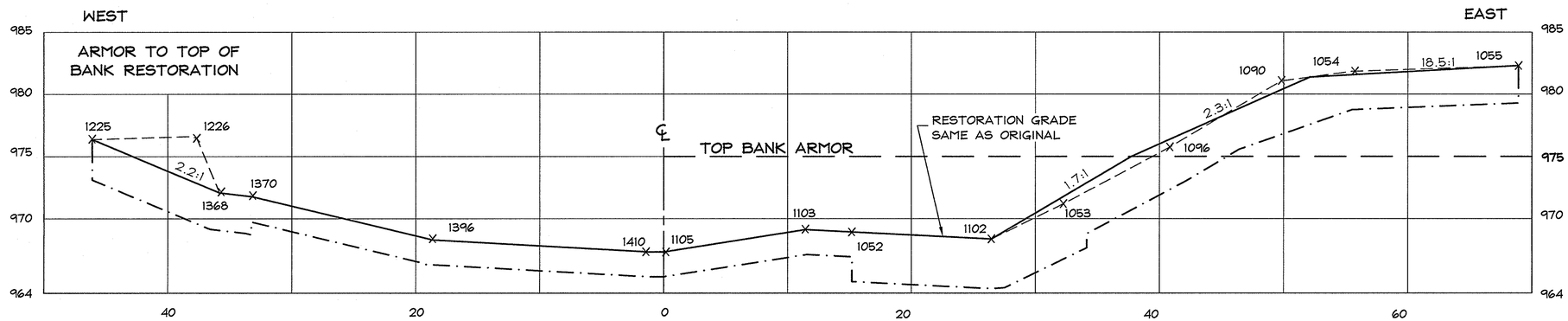
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

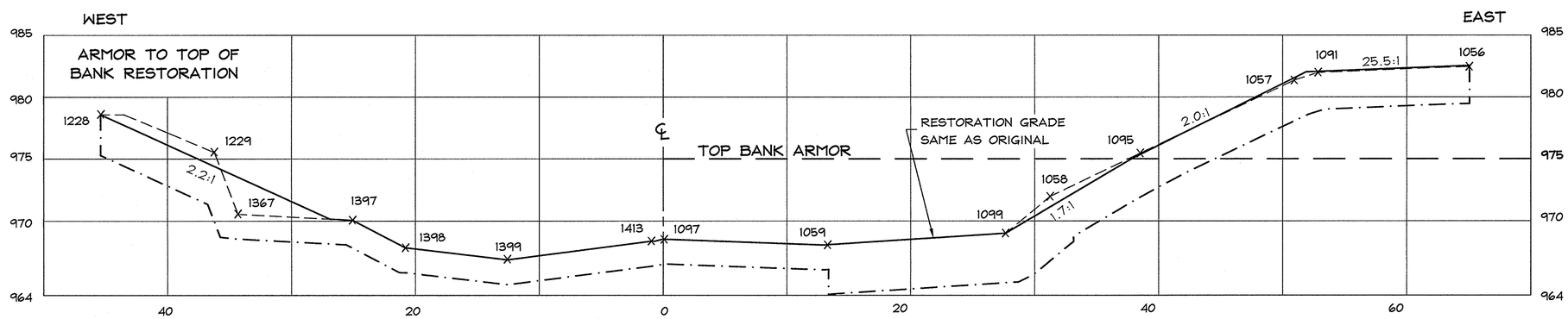
DRAWING NUMBER	REV.
C-314	B



STA 509+50



STA 509+75



STA 510+00

SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL 2002)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
× 1229	HILL TOPO POINT

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 509+50 TO 510+00

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

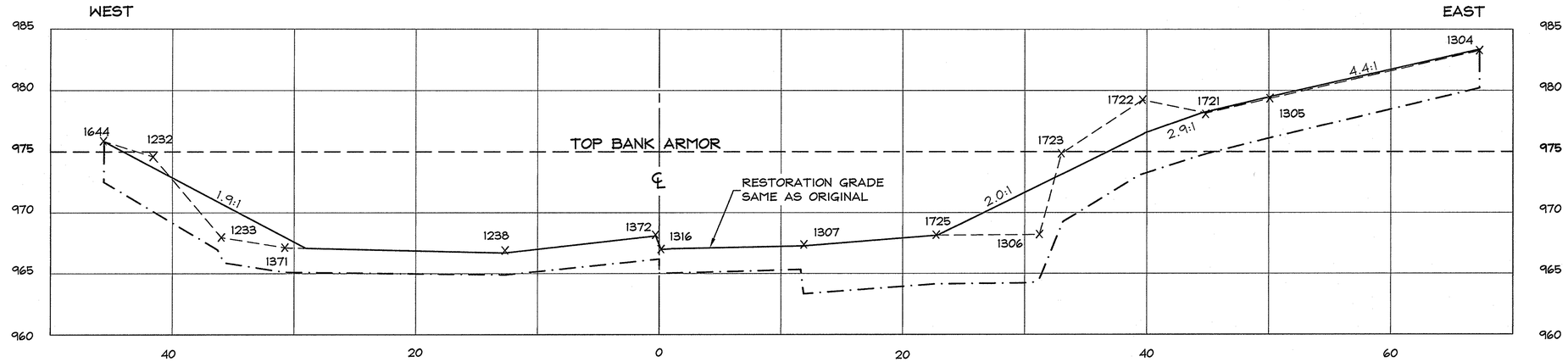
DRAWN BY	JR
DATE DRAWN	11-12-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 7-8.DWG

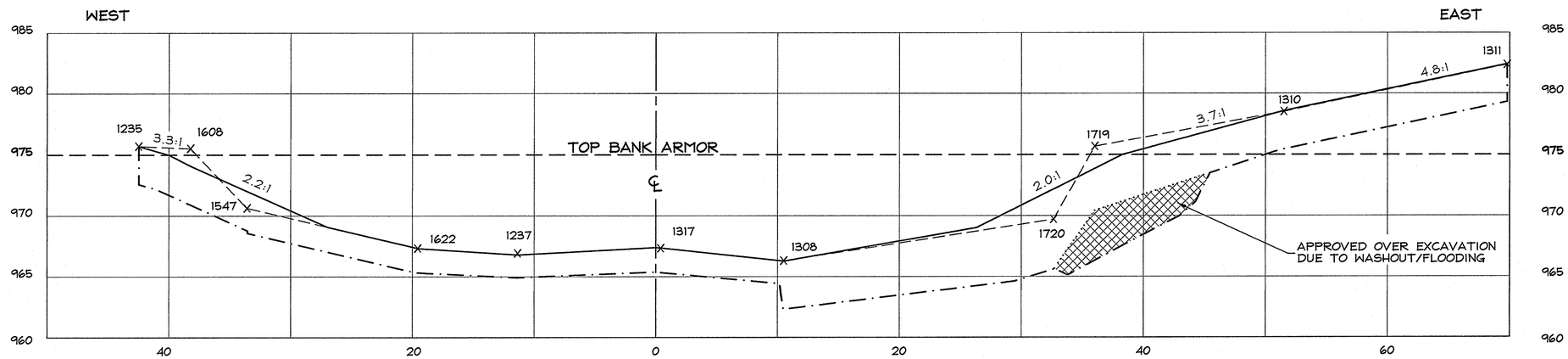
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

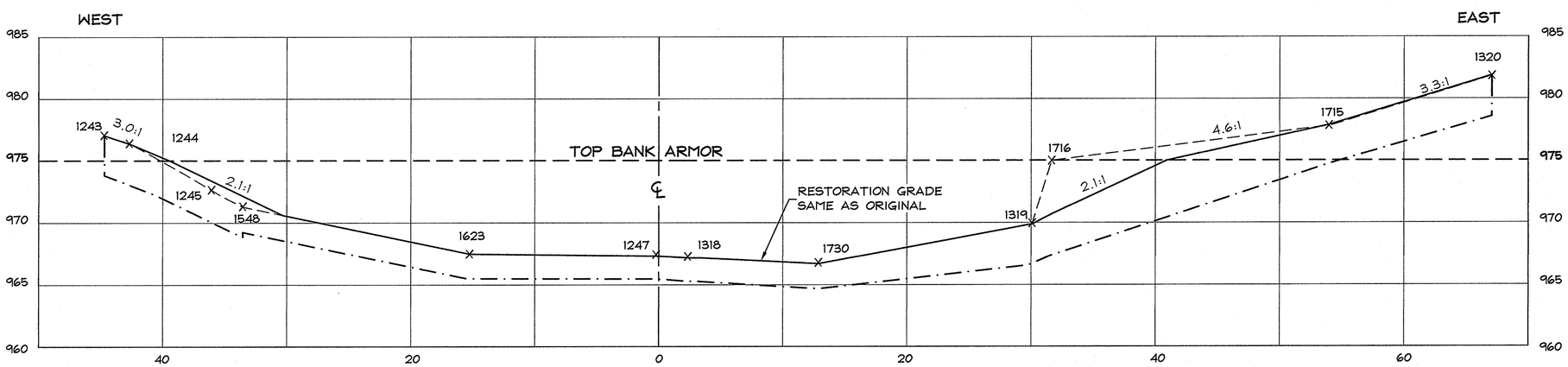
DRAWING NUMBER	REV.
C-315	B



STA 510+25



STA 510+50



STA 510+75

SECTION LEGEND

- EXISTING ELEV. (HILL FEBRUARY 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1623 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 510+25 TO 510+75

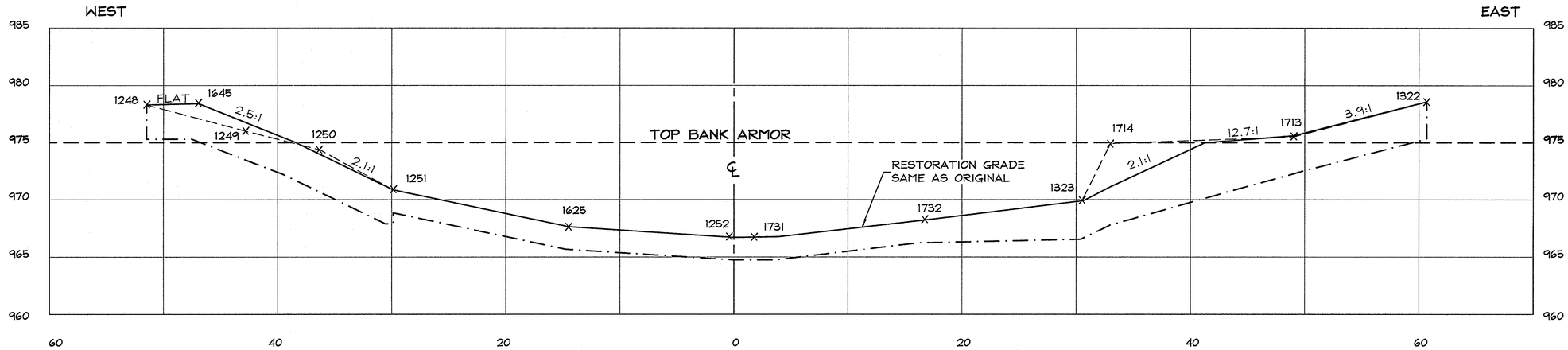
DRAWN BY	JR
DATE DRAWN	8-8-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 9-10.DWG

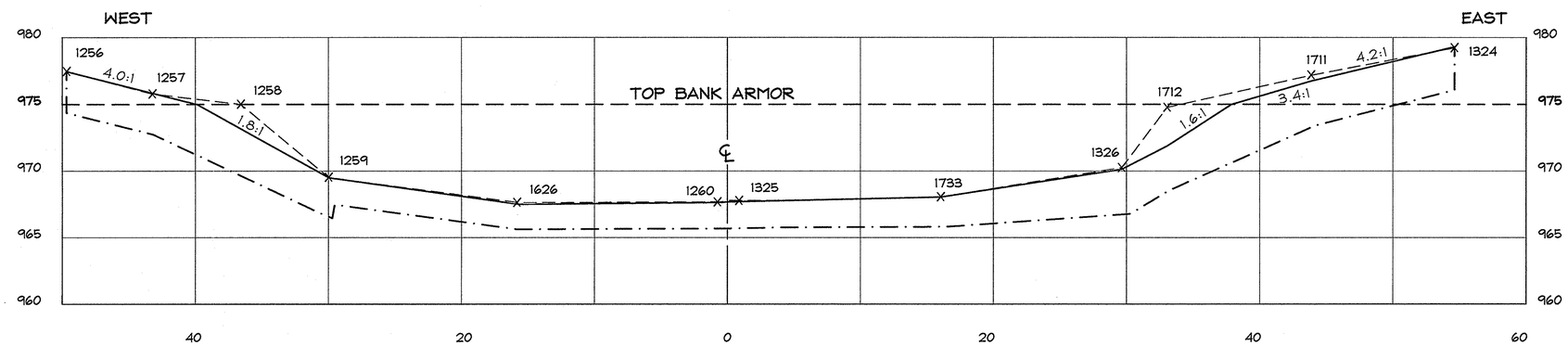
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

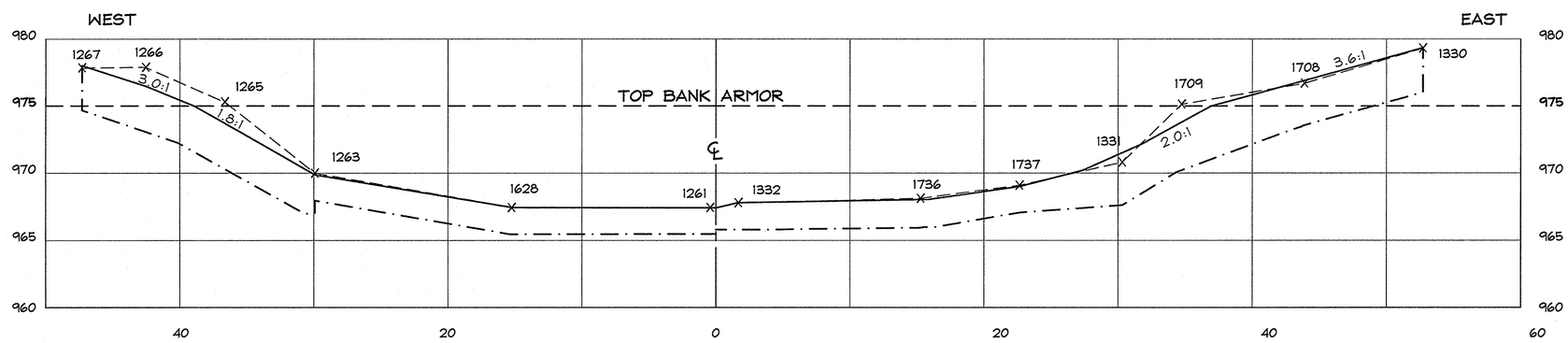
DRAWING NUMBER	REV.
C-316	B



STA 511+00



STA 511+25



STA 511+50

SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL FEBRUARY 2003)
— · — · — · —	EXCAVATION ELEV.
————	RESTORATION ELEV.
X 1628	HILL TOPO POINT

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-08

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WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE I AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 511+00 TO 511+50

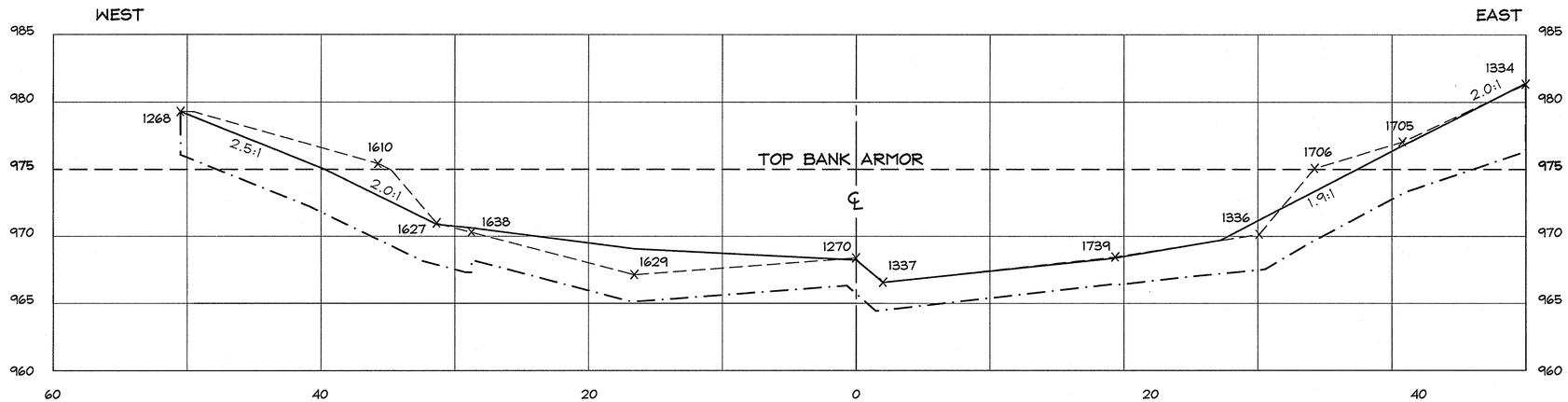
DRAWN BY	JR
DATE DRAWN	8-8-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 9-10.DWG

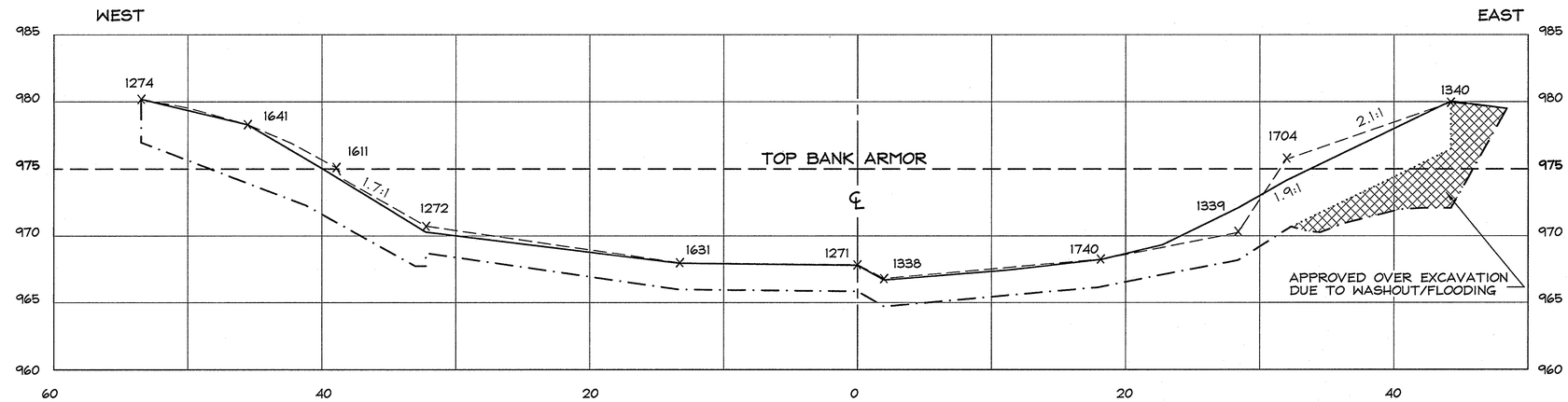
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

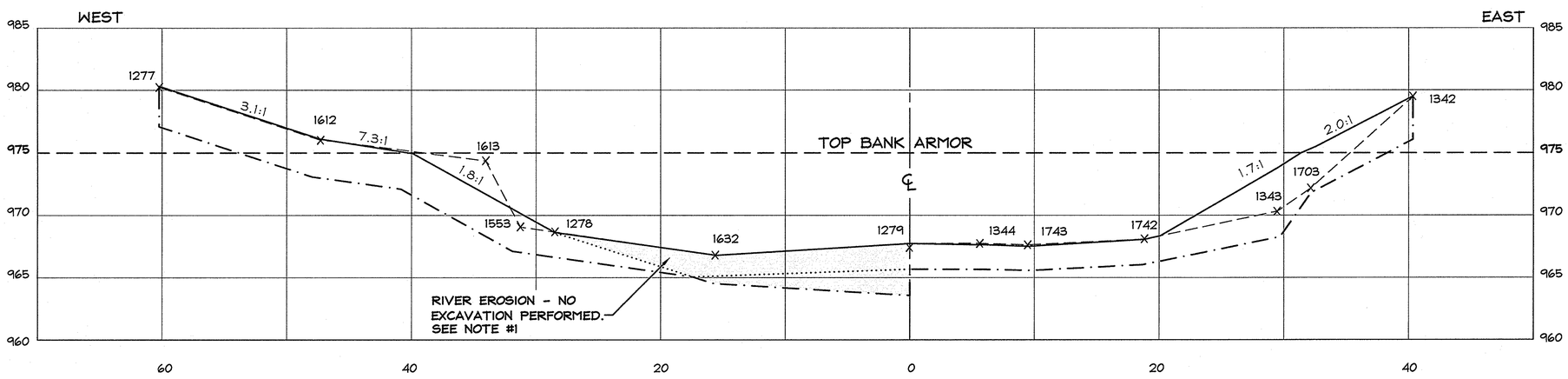
DRAWING NUMBER	REV.
C-317	B



STA 511+75



STA 512+00



STA 512+25

SECTION LEGEND

— — — — —	EXISTING ELEV. (HILL FEBRUARY 2003)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
x 1277	HILL TOPO POINT
.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
(hatched)	APPROVED OVER EXCAVATION
(dotted)	RIVER EROSION (NO EXCAVATION PERFORMED)

NOTES:

1. SECTIONS 512+25 THRU 513+25 (WEST BANK) WERE ORIGINALLY TOPO SURVEYED AT THE SAME TIME AS THE EAST SIDE OF THE RIVER. THE EAST SIDE WAS REMEDIATED FIRST AND DURING THAT TIME, FLOODING SCOURED THE RIVERBED ON THE WEST SIDE OF THE RIVER CREATING THE ERODED PROFILE SHOWN IN THE SECTIONS.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 511+75 TO 512+25

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

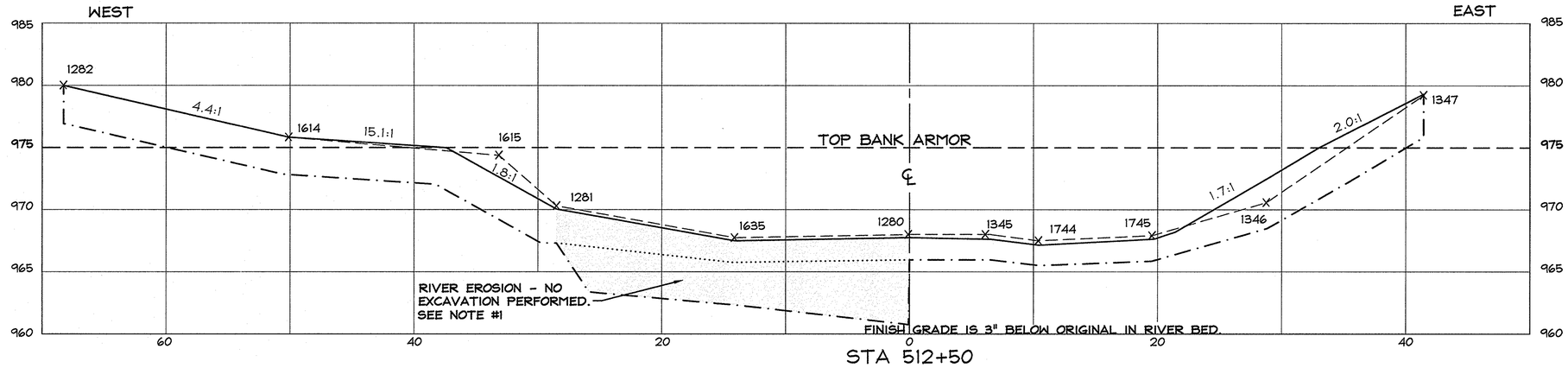
DRAWN BY	JR
DATE DRAWN	8-8-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 9-10.DWG

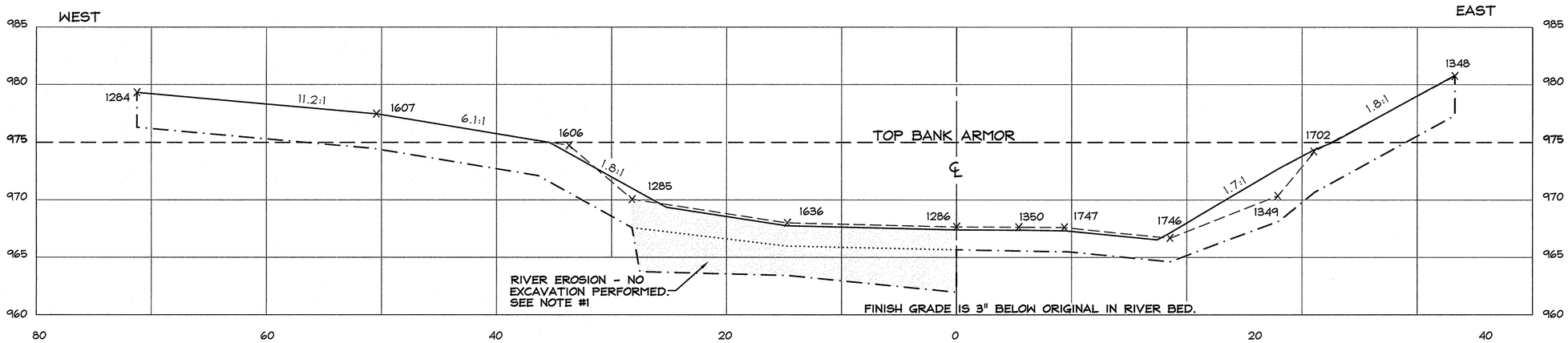
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

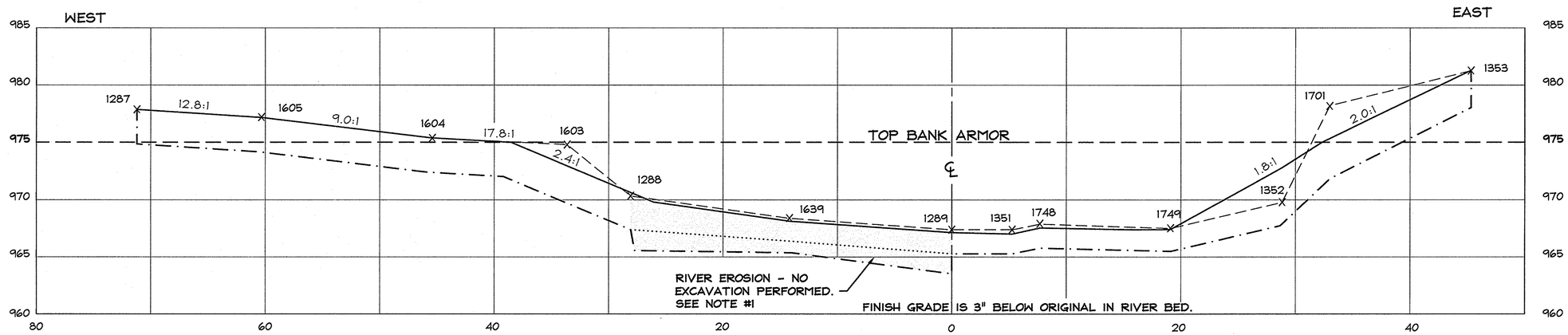
DRAWING NUMBER	REV.
C-318	B



STA 512+50



STA 512+75



STA 513+00

SECTION LEGEND

- EXISTING ELEV. (HILL FEBRUARY 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- X 1287 HILL TOPO POINT
- RIVER EROSION (NO EXCAVATION PERFORMED)
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)

NOTES:

1. SECTIONS 512+25 THRU 513+25 (WEST BANK) WERE ORIGINALLY TOPO SURVEYED AT THE SAME TIME AS THE EAST SIDE OF THE RIVER. THE EAST SIDE WAS REMEDIATED FIRST AND DURING THAT TIME, FLOODING SCOURED THE RIVERBED ON THE WEST SIDE OF THE RIVER CREATING THE ERODED PROFILE SHOWN IN THE SECTIONS.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA.

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 512+50 TO 513+00

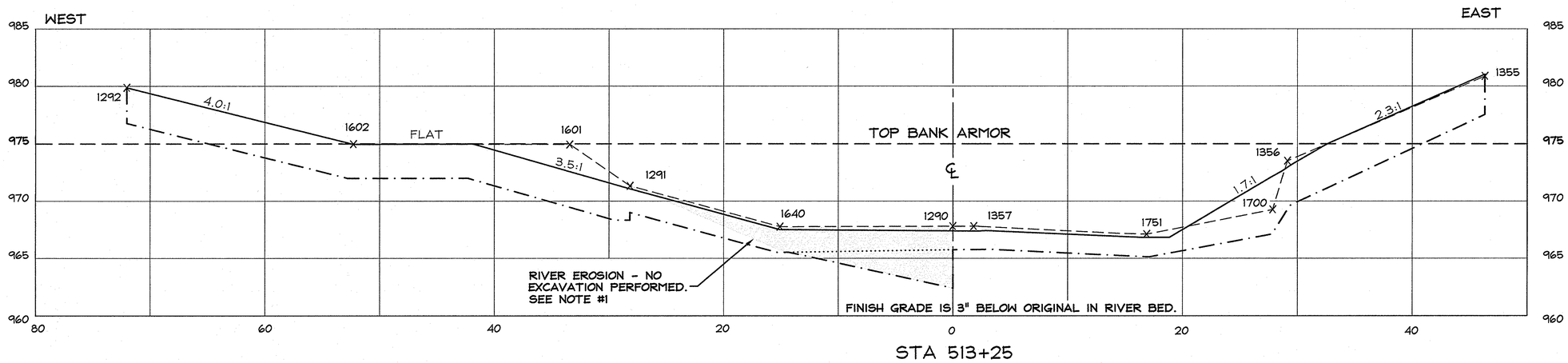
DRAWN BY	JR
DATE DRAWN	8-8-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 9-10.DWG

GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-319	B



SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL FEBRUARY 2003)
— · — · — · —	EXCAVATION ELEV.
———	RESTORATION ELEV.
X 1292	HILL TOPO POINT
	RIVER EROSION (NO EXCAVATION PERFORMED)
.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)

NOTES:

1. SECTIONS 512+25 THRU 513+25 (WEST BANK) WERE ORIGINALLY TOPO SURVEYED AT THE SAME TIME AS THE EAST SIDE OF THE RIVER. THE EAST SIDE WAS REMEDIATED FIRST AND DURING THAT TIME, FLOODING SCOURED THE RIVERBED ON THE WEST SIDE OF THE RIVER CREATING THE ERODED PROFILE SHOWN IN THE SECTIONS.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT SECTION STATION 513+25

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

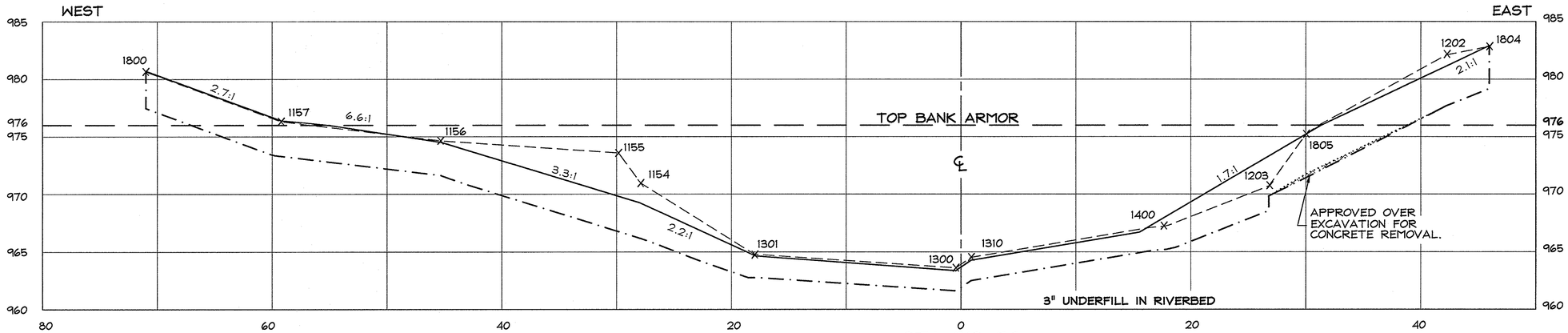
DRAWN BY	JR
DATE DRAWN	8-8-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 9-10.DWG

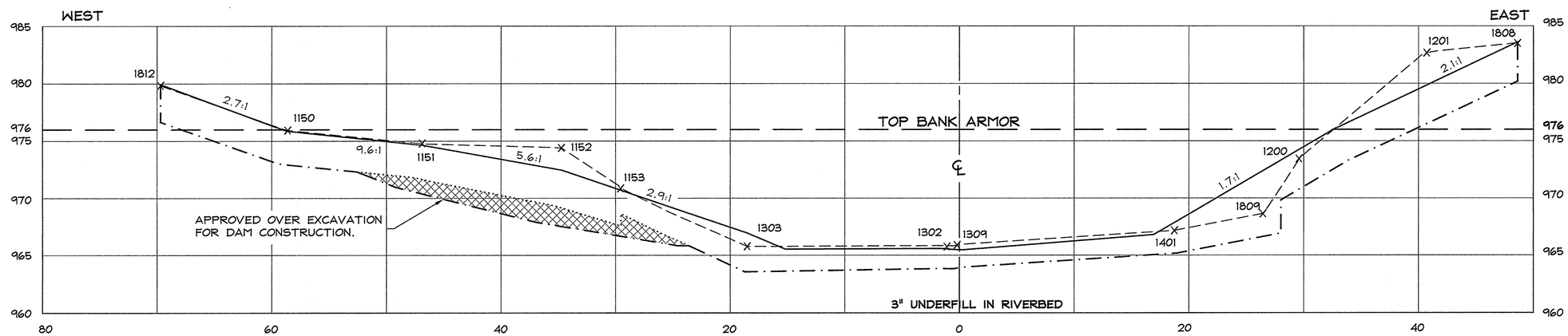
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

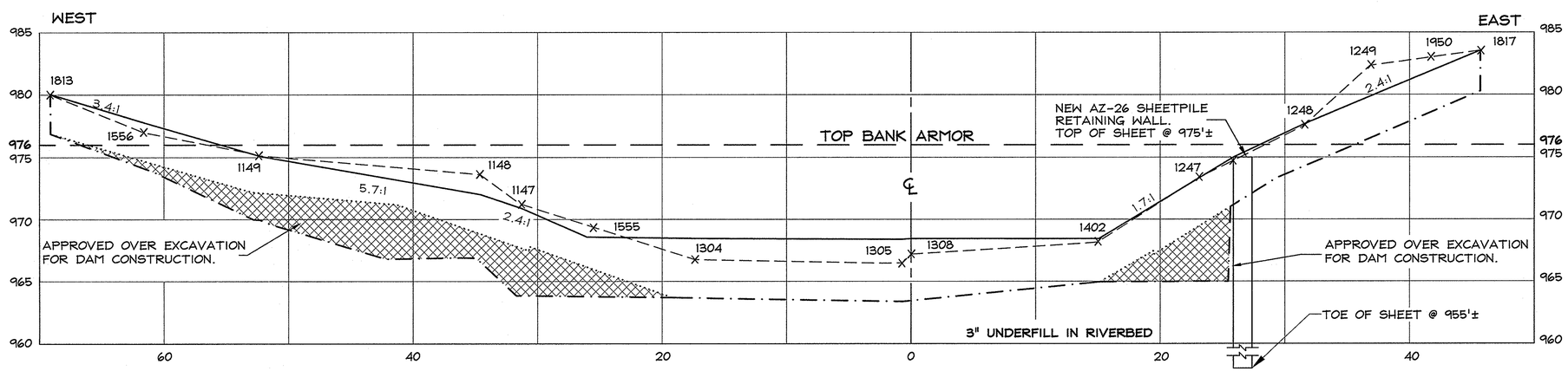
DRAWING NUMBER	REV.
C-320	B



STA 513+50



STA 513+75



514+00

SECTION LEGEND

- EXISTING ELEV. (HILL FEBRUARY 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- X 1556 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	TMA		9-13-06
C	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 513+50 TO 514+00

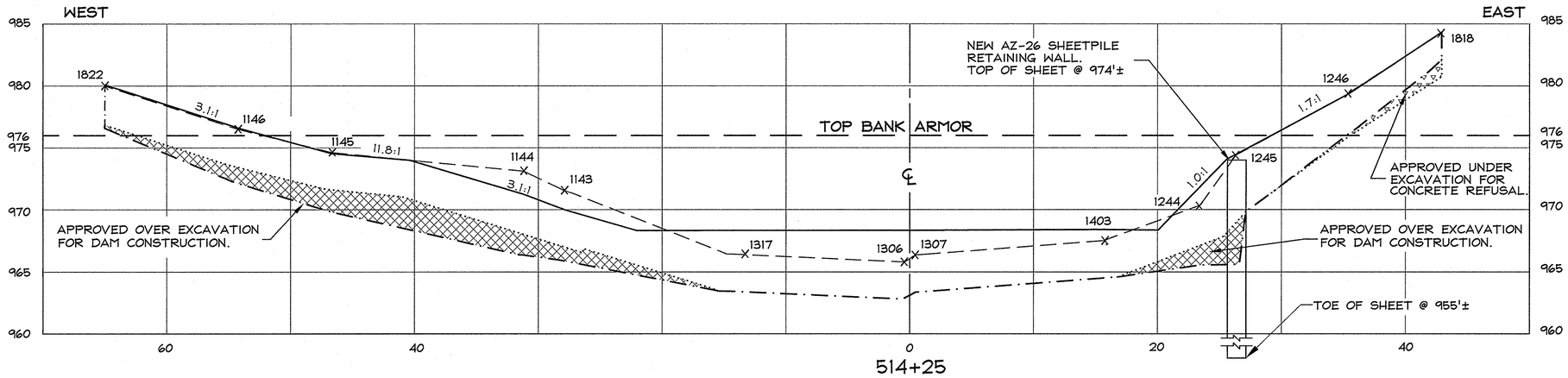
DRAWN BY	JR
DATE DRAWN	11-25-03
SCALE	1"=5'
APV'D BY	

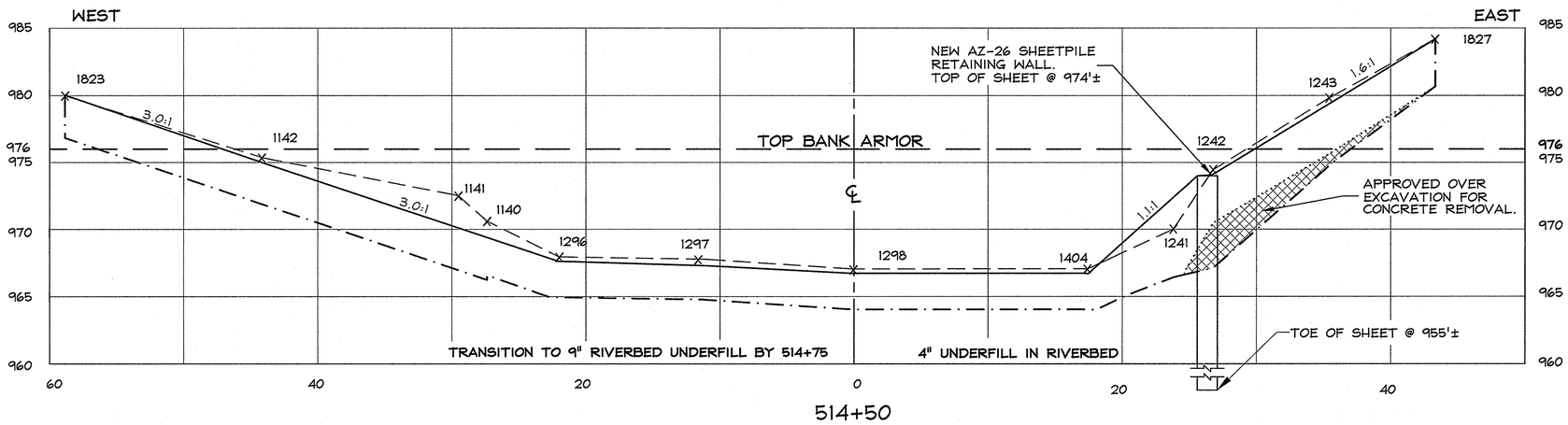
CAD CODE: AS-BUILT CELLS 11 & 12.DWG

GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-321	C





SECTION LEGEND

— — — — —	EXISTING ELEV. (HILL FEBRUARY 2003)
— · — · — · —	EXCAVATION ELEV.
———	RESTORATION ELEV.
X 1142	HILL TOPO POINT
.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
	APPROVED OVER EXCAVATION
	APPROVED UNDER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS			9-13-06
C	GENERAL REVISIONS	TMA		12-19-06
		JR		

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 514+25 TO 514+50

PROJECT DESCRIPTION: PHASE I AS-BUILT DRAWINGS

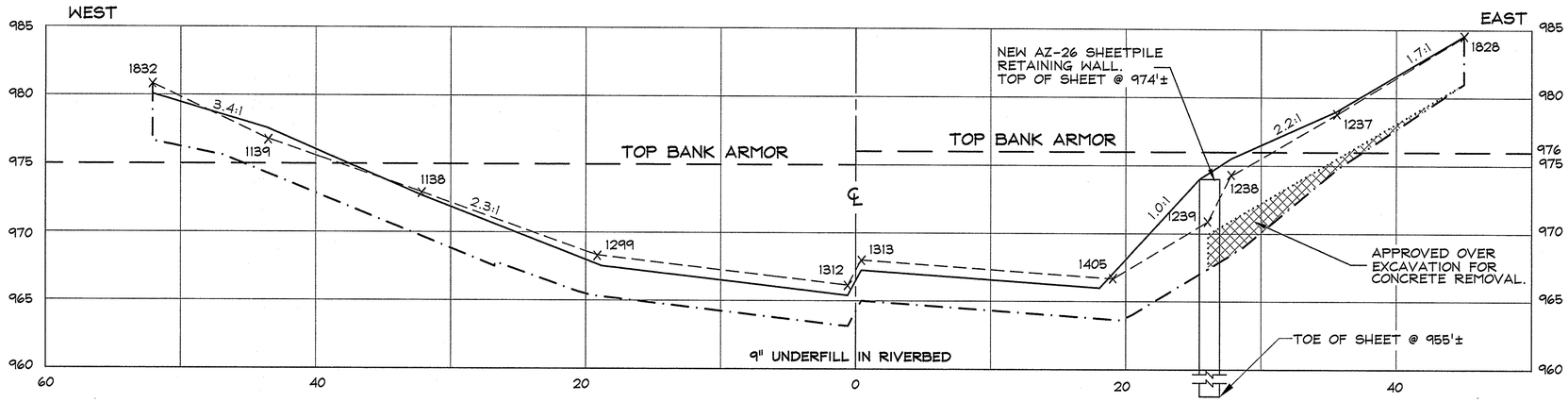
DRAWN BY	JR
DATE DRAWN	11-25-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 11 & 12.DWG

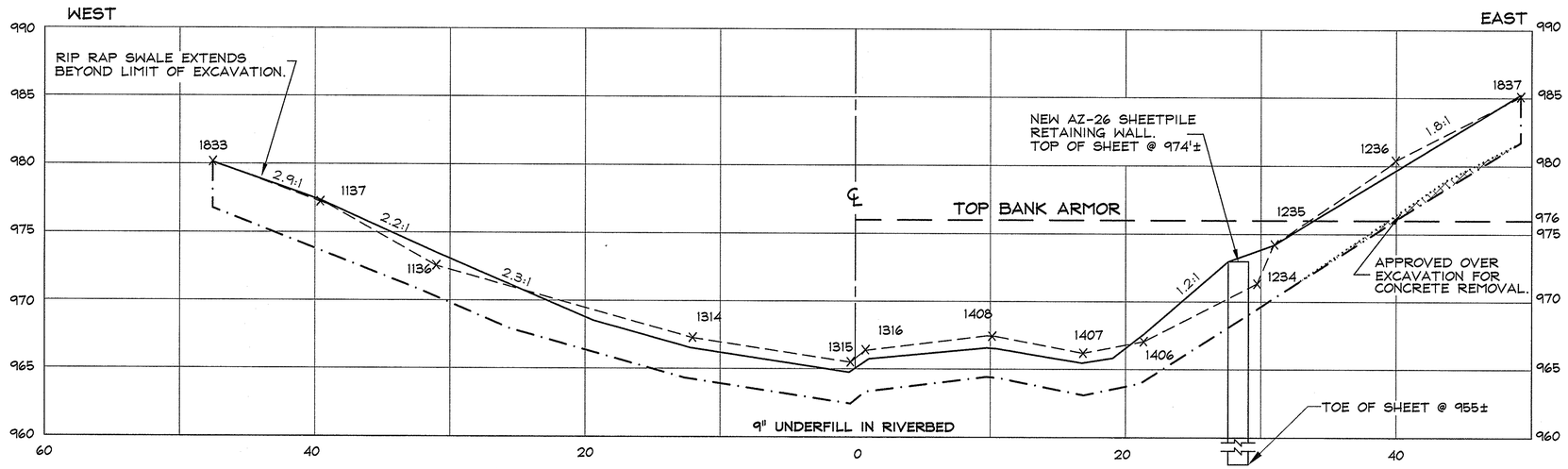
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-322	C



STA 514+75



STA 515+00

SECTION LEGEND

— — — — —	EXISTING ELEV. (HILL FEBRUARY 2003)
— · — · — · —	EXCAVATION ELEV.
———	RESTORATION ELEV.
X 1136	HILL TOPO POINT
.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
▨	APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	TMA		9-13-06
C	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 514+75 TO 515+00

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

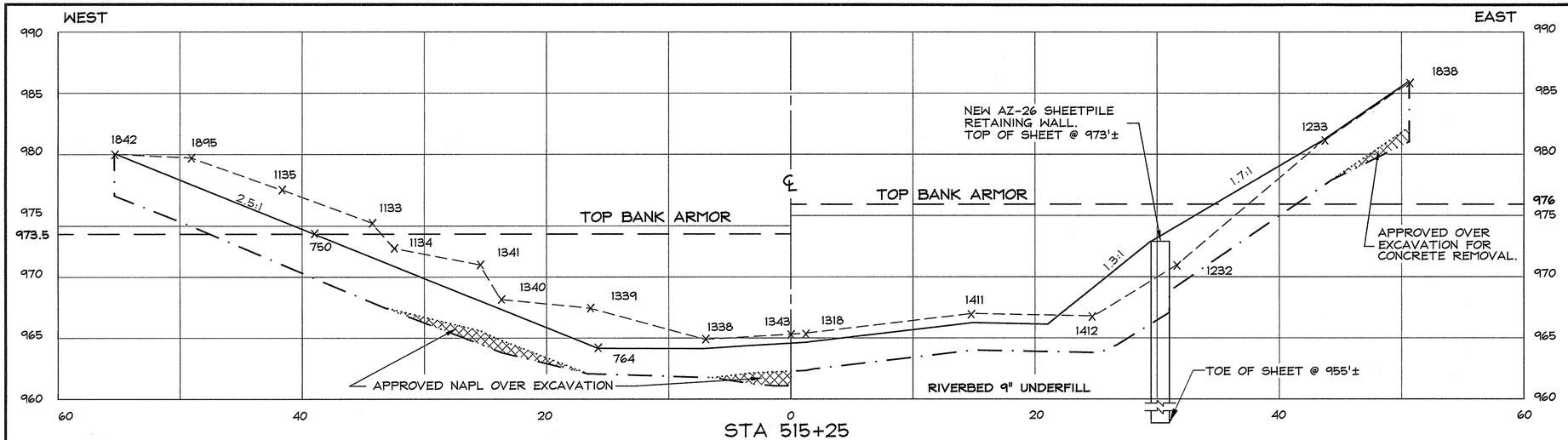
DRAWN BY	JR
DATE DRAWN	11-25-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 11 & 12.DWG

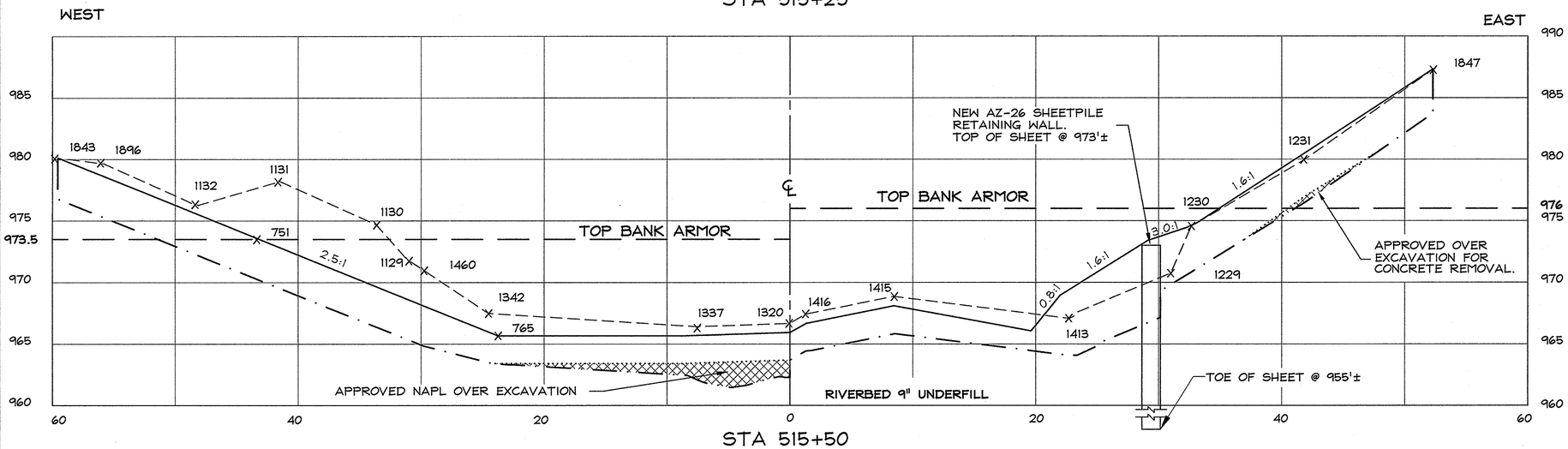
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

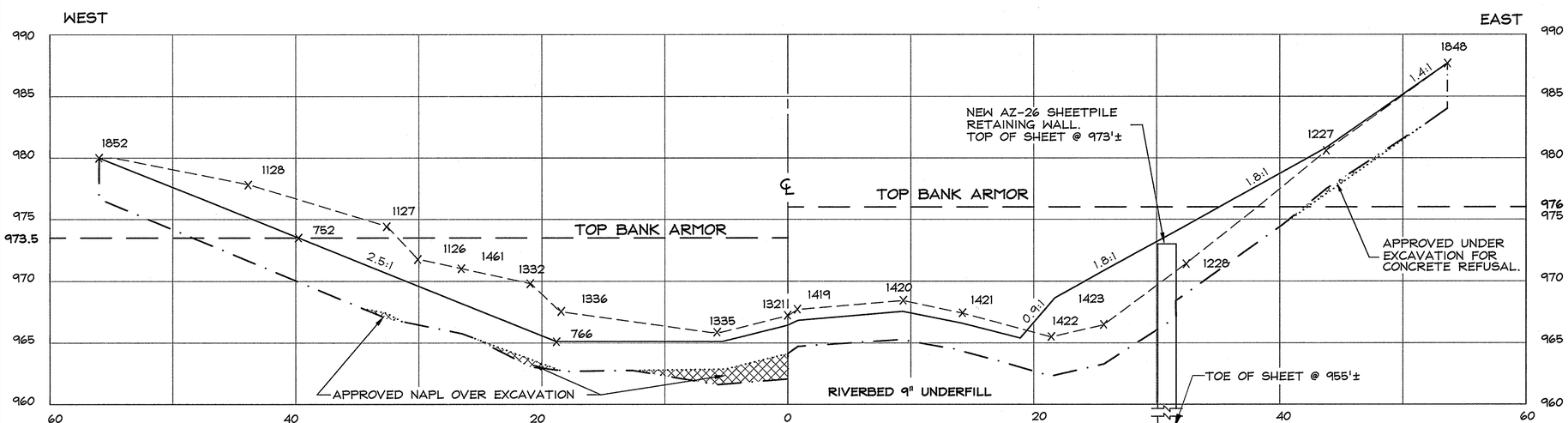
DRAWING NUMBER	REV.
C-323	C



STA 515+25



STA 515+50



STA 515+75

SECTION LEGEND

— — — — —	EXISTING ELEV. (HILL APRIL 2003)
—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
x 1867	HILL TOPO POINT
.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
	APPROVED OVER EXCAVATION
	APPROVED UNDER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 515+25 TO 515+75

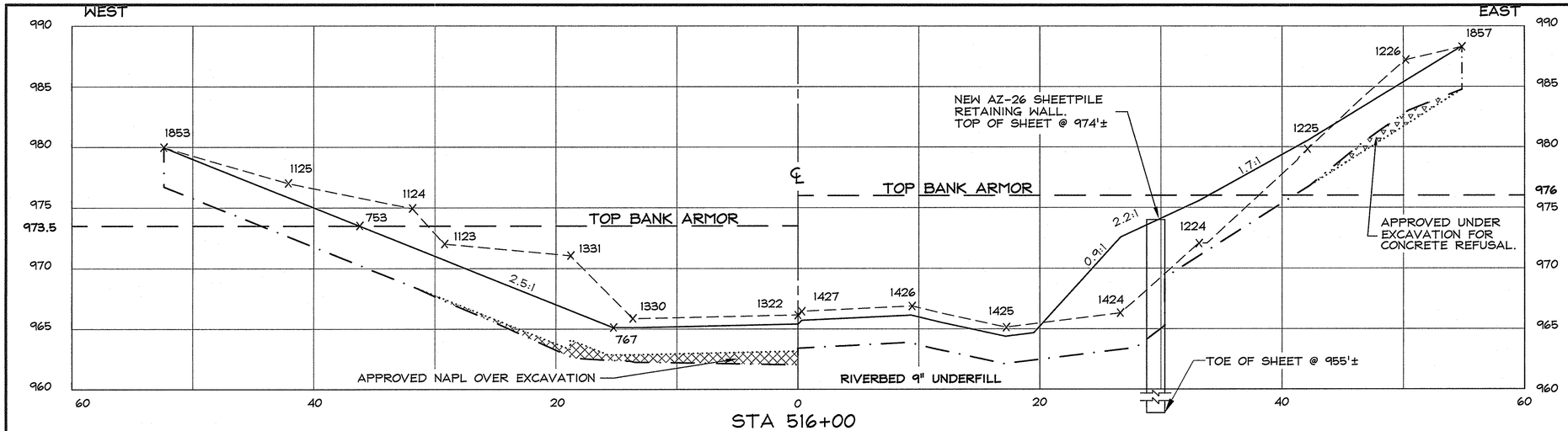
DRAWN BY	JR
DATE DRAWN	12-12-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 11 & 11A.DWG

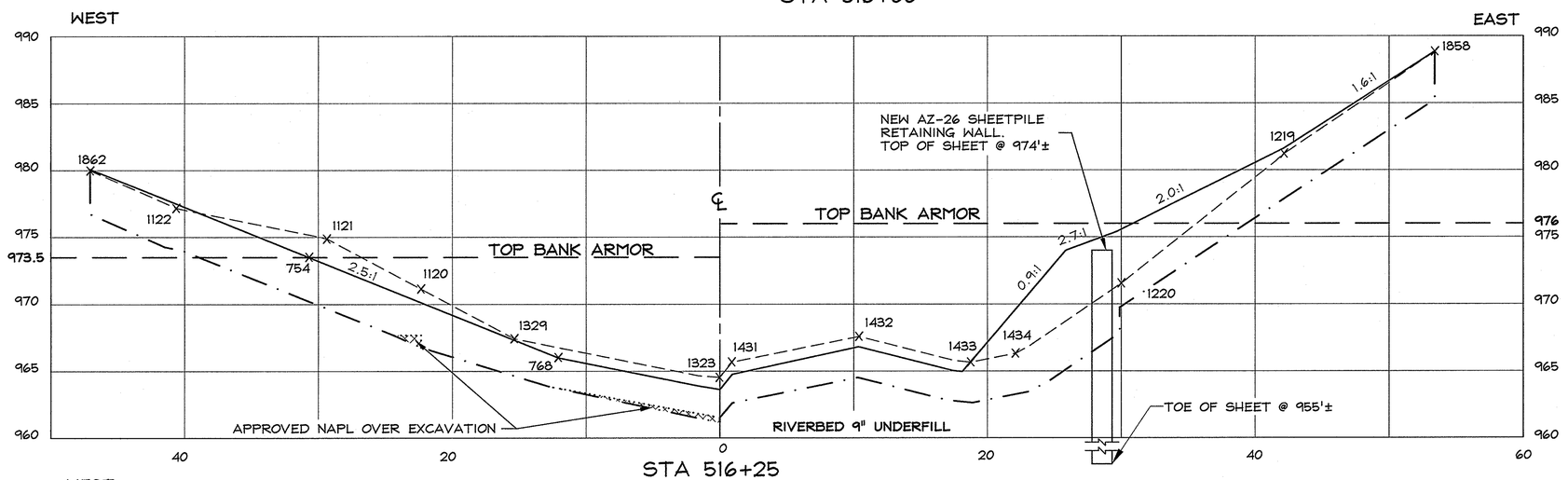
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

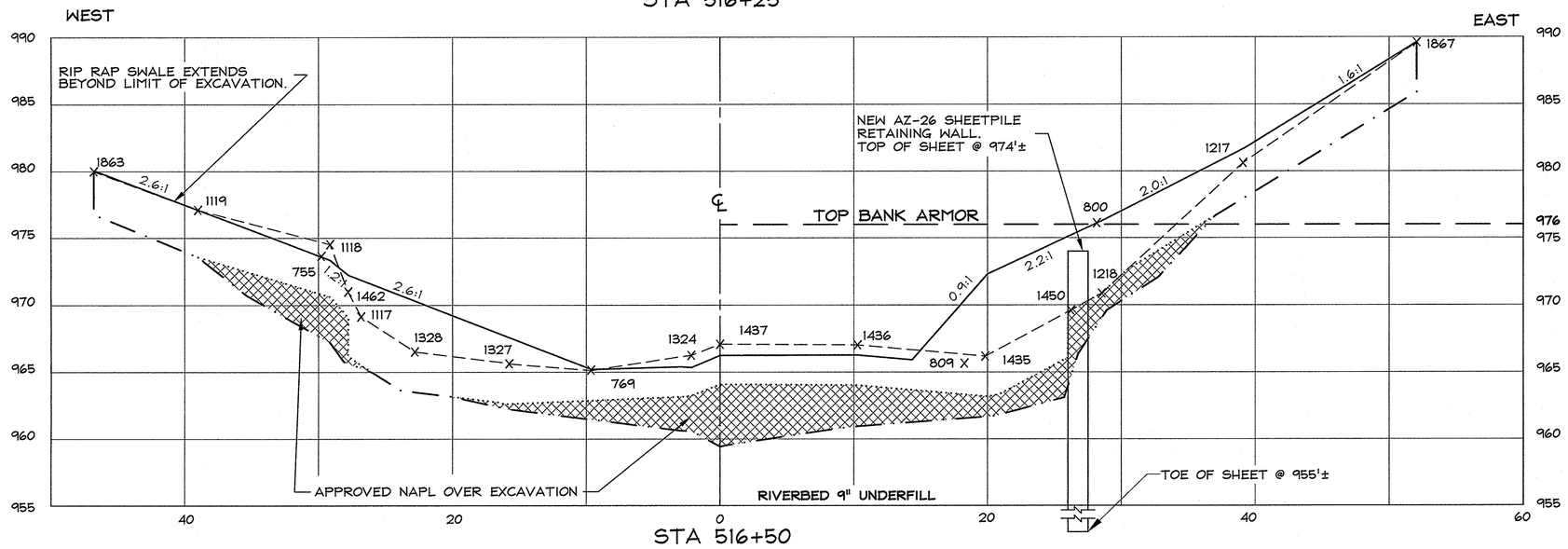
DRAWING NUMBER	REV.
C-324	B



STA 516+00



STA 516+25



STA 516+50

SECTION LEGEND

- EXISTING ELEV. (HILL APRIL 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- X 1867 — HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED OVER EXCAVATION
- APPROVED UNDER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 516+00 TO 516+50

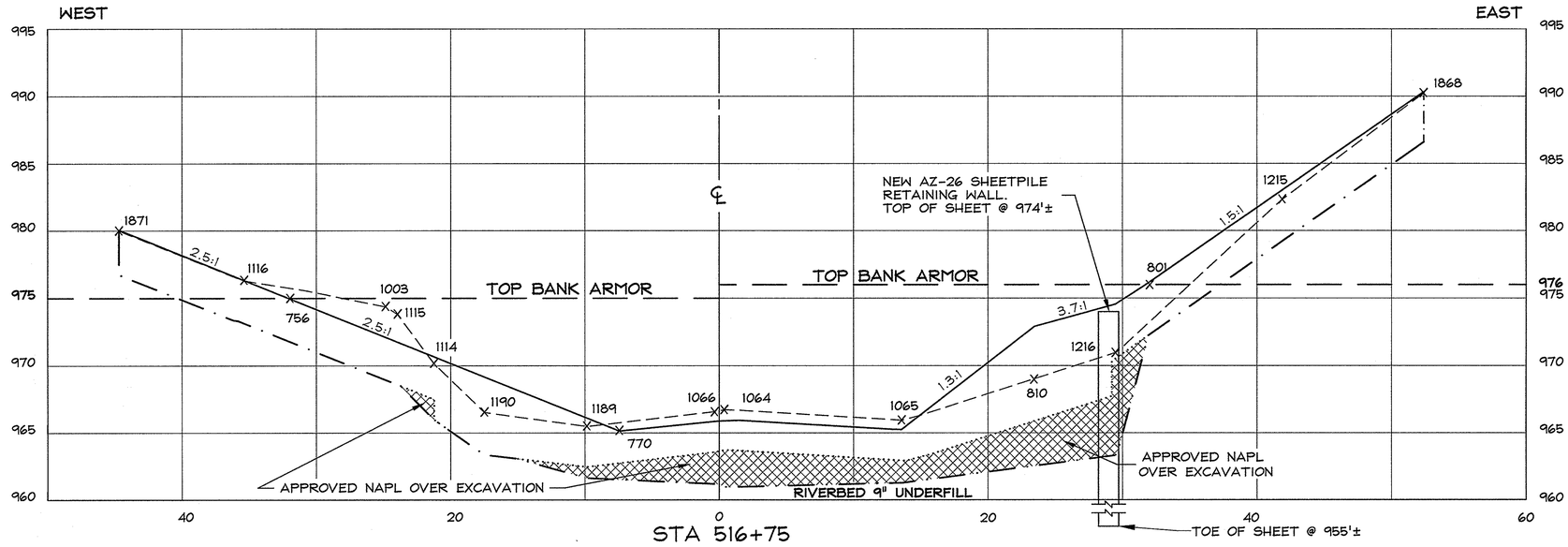
DRAWN BY	JR
DATE DRAWN	12-12-03
SCALE	1"=5'
APV'D BY	

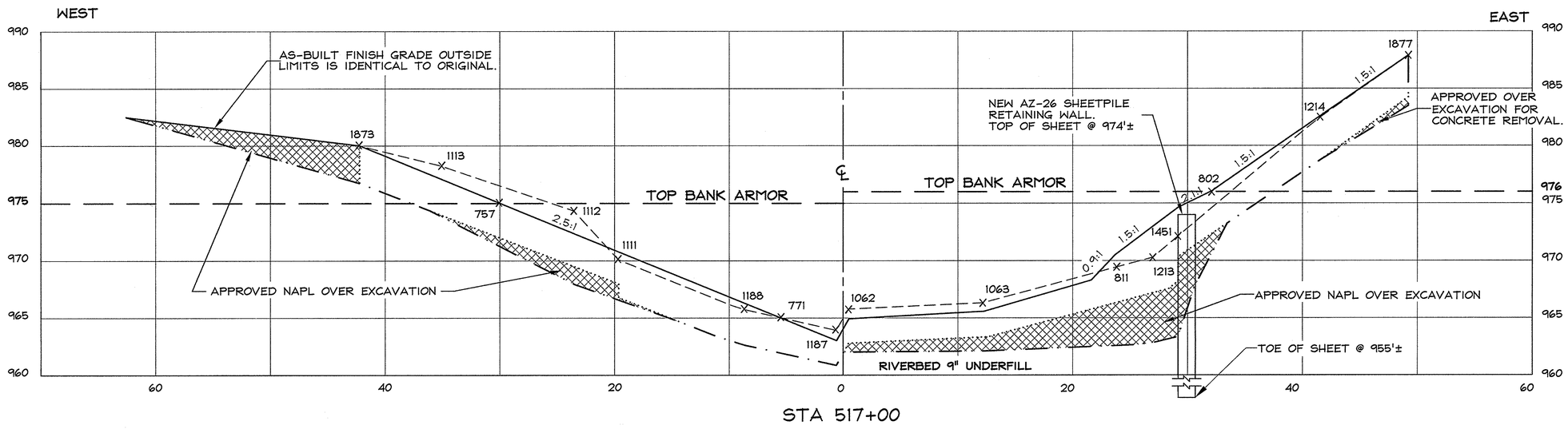
CAD CODE: AS-BUILT CELLS 11 & 11A.DWG

GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-325	B





SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL APRIL 2003)
— · — · — · —	EXCAVATION ELEV.
———	RESTORATION ELEV.
× 1188	HILL TOPO POINT
.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
▨	APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

DRAWING TITLE
AS-BUILT SECTIONS
STATIONS 516+75 TO 517+00

PROJECT DESCRIPTION
PHASE 1
AS-BUILT DRAWINGS

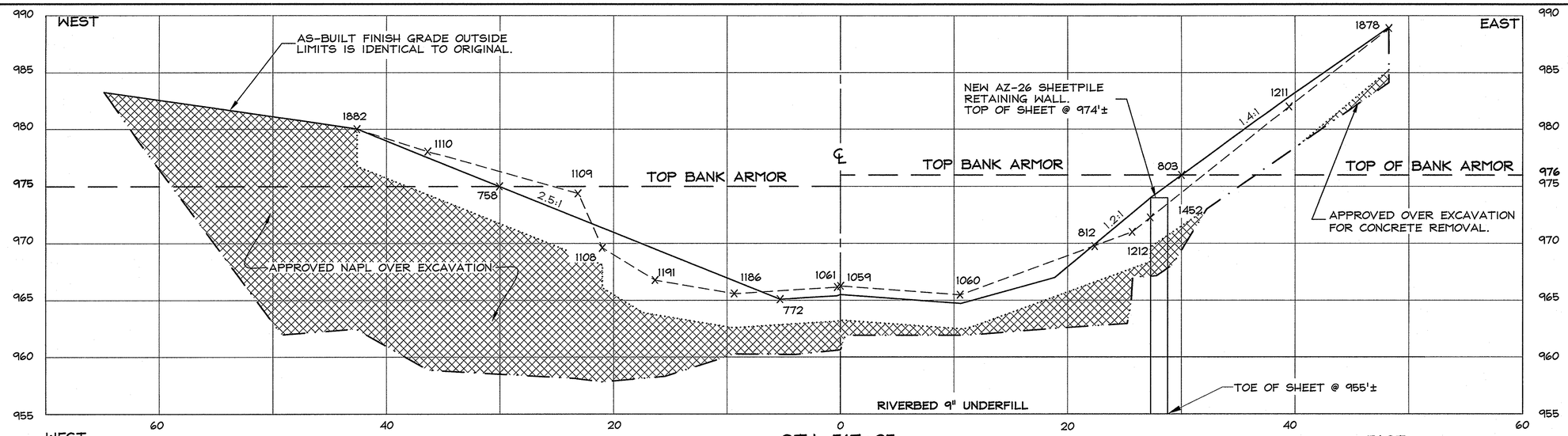
DRAWN BY	JR
DATE DRAWN	12-12-03
SCALE	1"=5'
APV'D BY	

CAD CODE:
AS-BUILT CELLS 11 & 11A.DWG

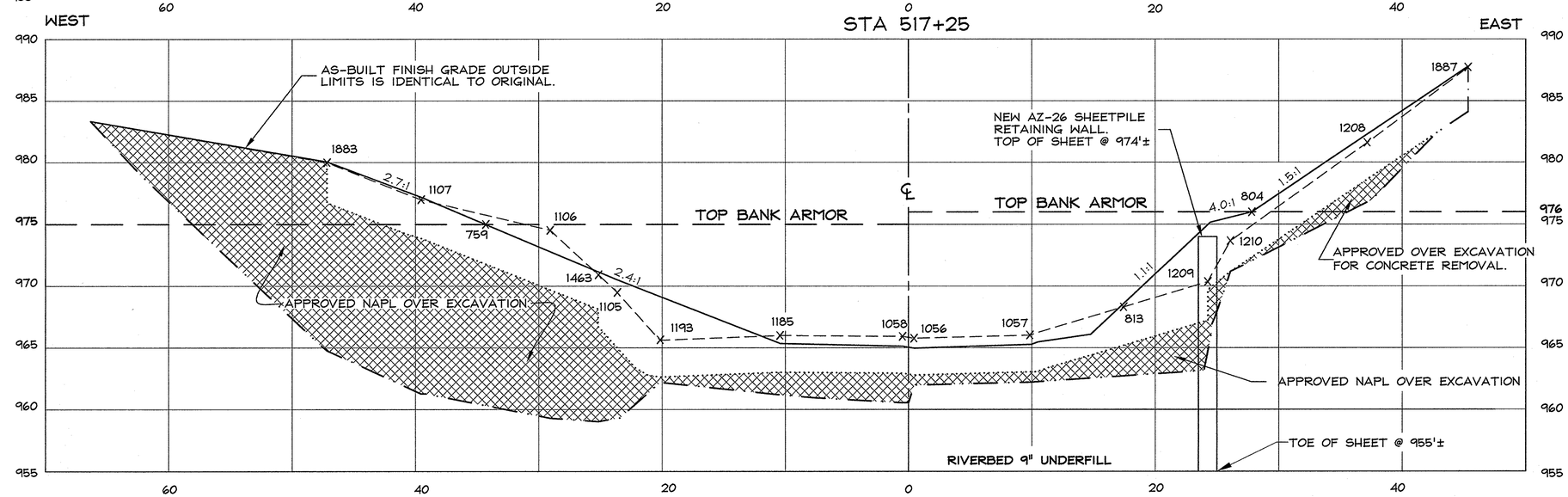
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER:
SRV-758-19

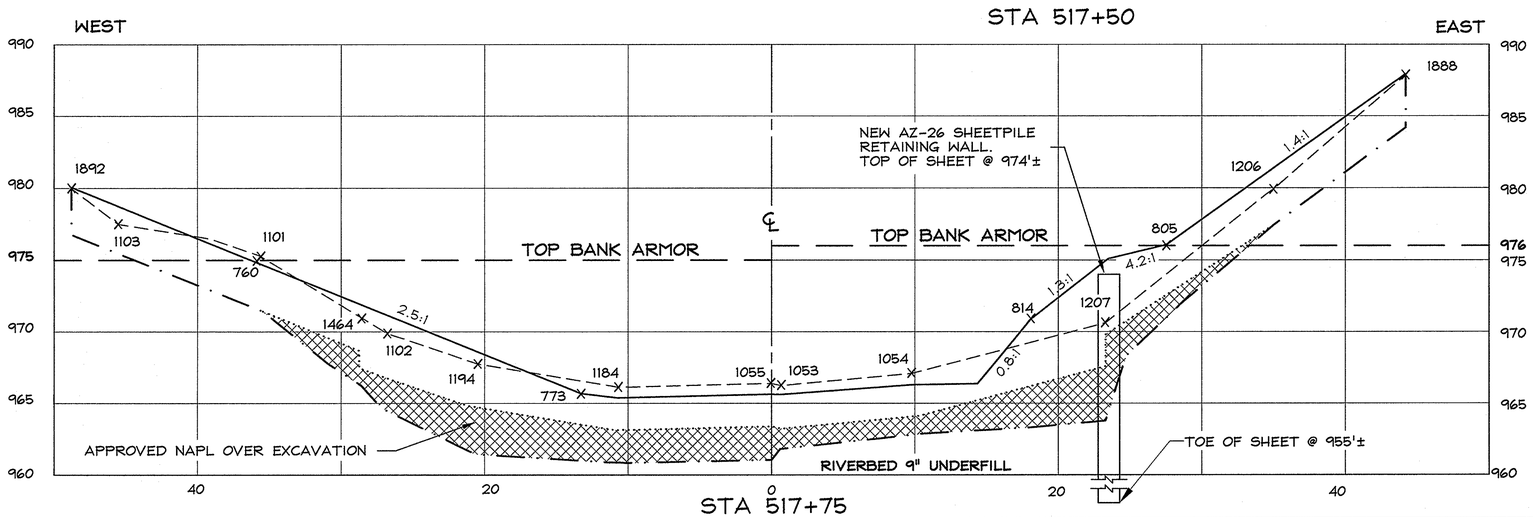
DRAWING NUMBER	REV.
C-326	B



STA 517+25



STA 517+50



STA 517+75

SECTION LEGEND

- EXISTING ELEV. (HILL APRIL 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- 1206 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC

EAST BRANCH HOUSATONIC RIVER, PHASE 1

BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 517+25 TO 517+75

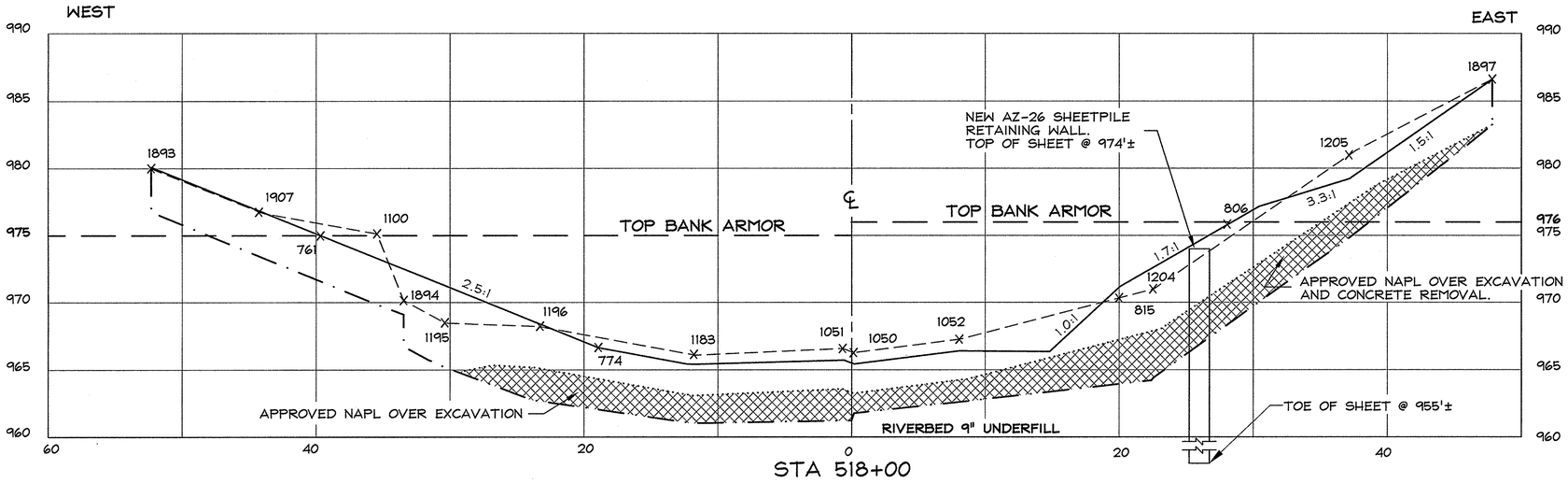
DRAWN BY	JR
DATE DRAWN	12-12-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 11 & 11A.DWG

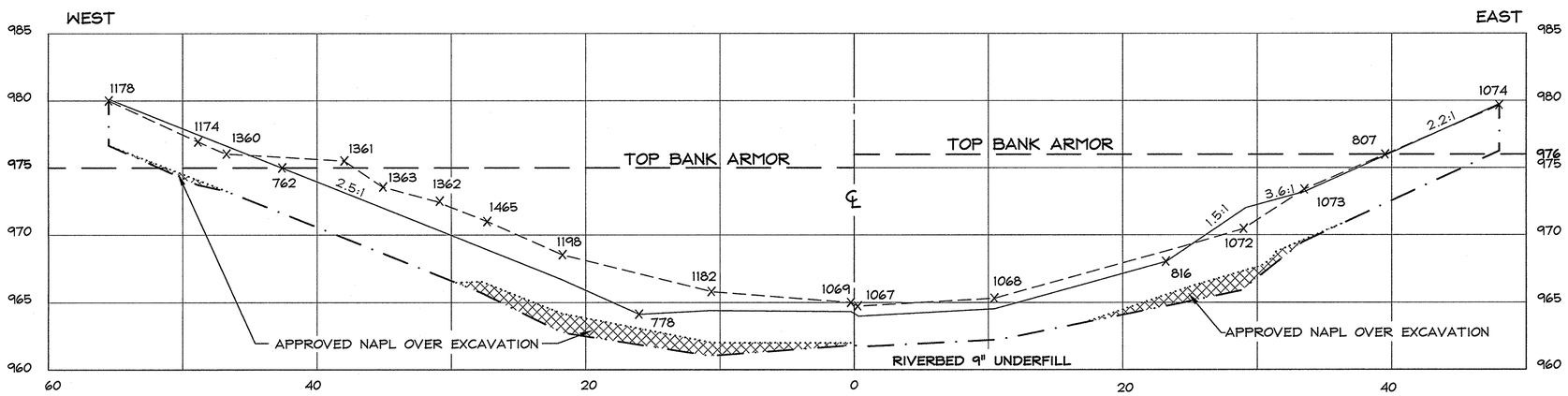
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-327	B



STA 518+00



STA 518+25

SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL APRIL 2003)
—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
X 1361	HILL TOPO POINT
.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 518+00 TO 518+25

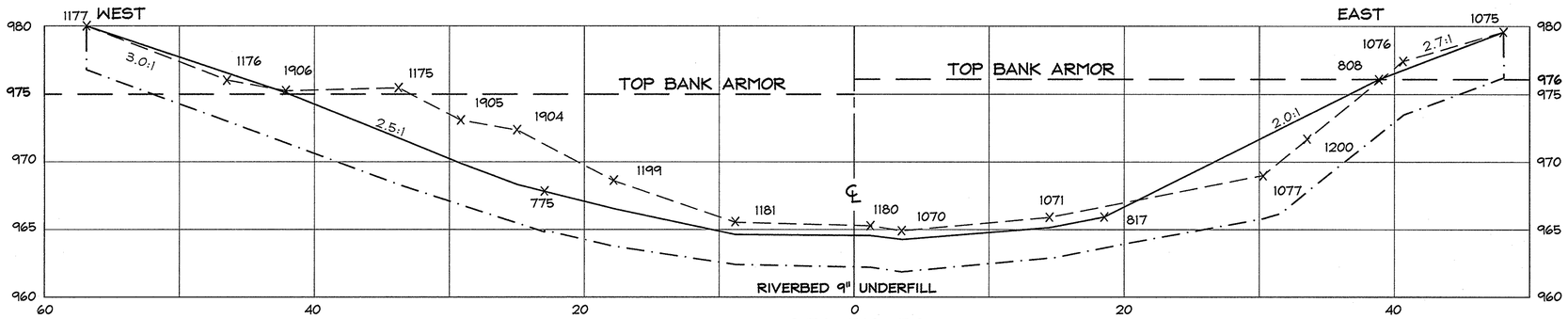
DRAWN BY	JR
DATE DRAWN	12-12-03
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 11 & 11A.DWG

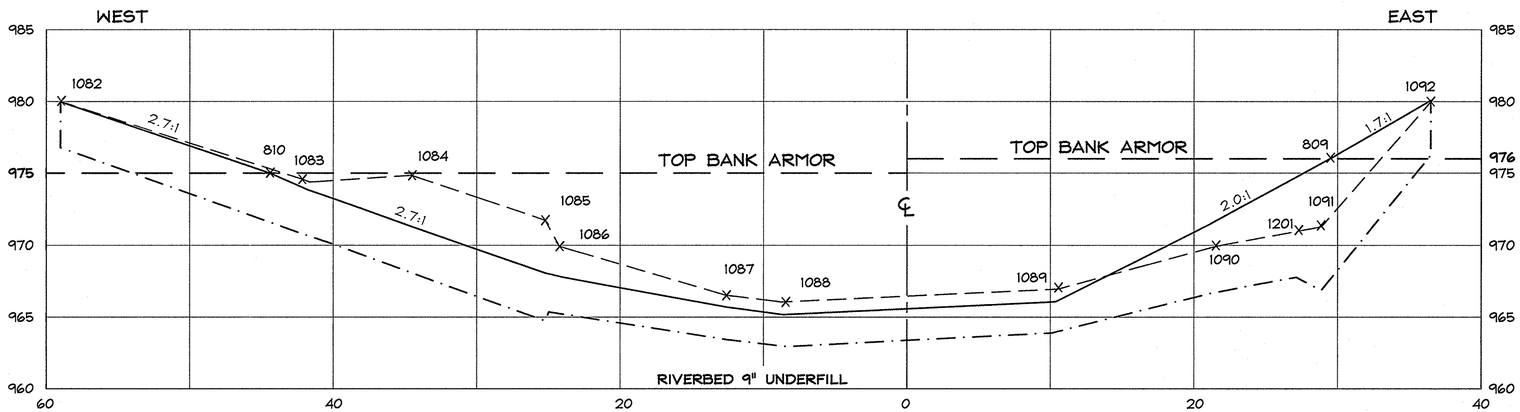
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-328	B



STA 518+50



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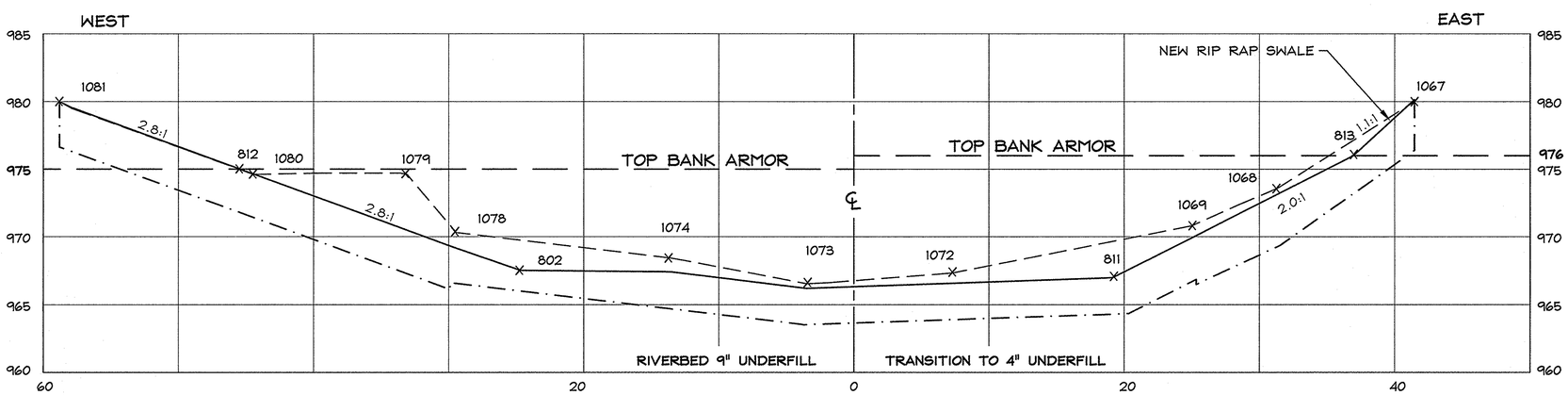

STA 519+00

SECTION LEGEND

— — — — —	EXISTING ELEV. (HILL APRIL 2003)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
x 1072	HILL TOPO POINT

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS		TMA	9-5-06
C	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 518+50 TO 519+00

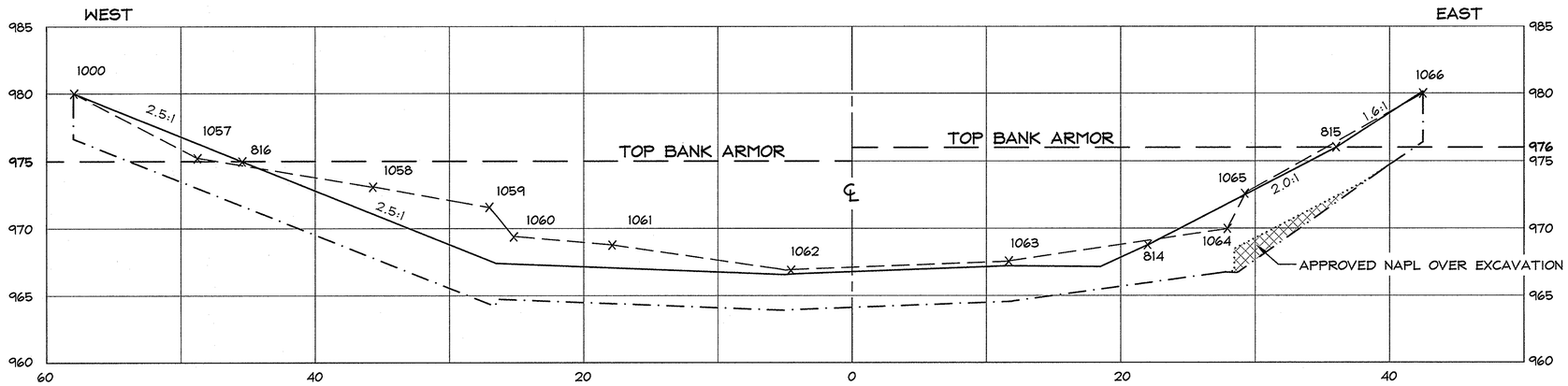
DRAWN BY	JR
DATE DRAWN	1-9-04
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 13 & 14.DWG

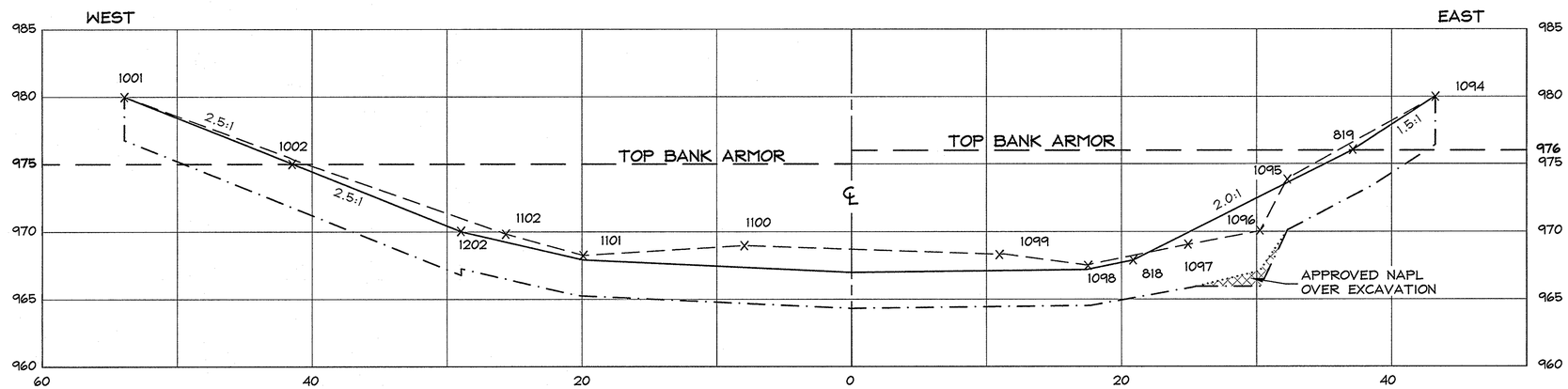
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

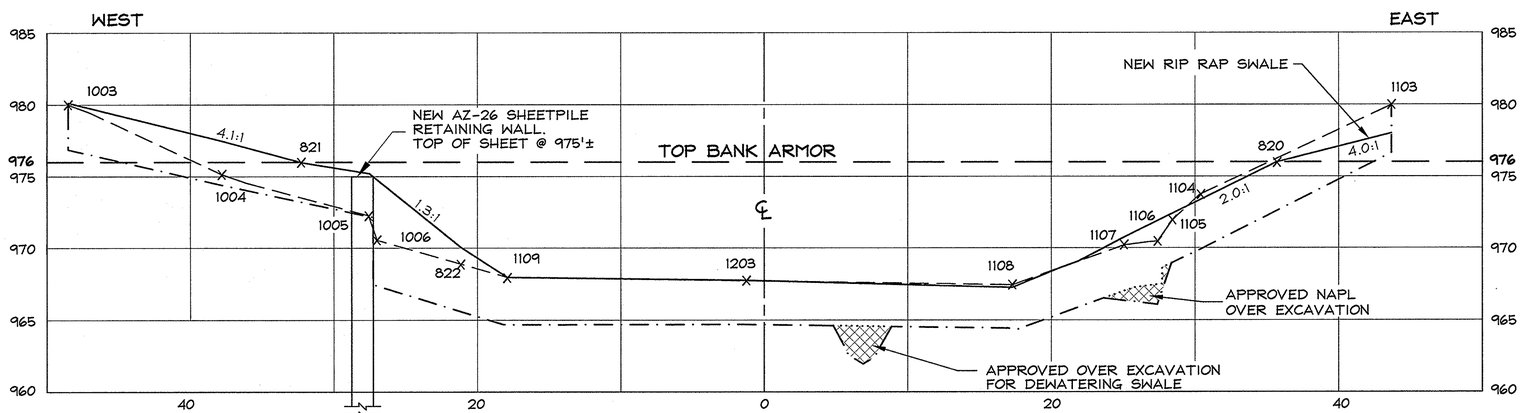
DRAWING NUMBER	REV.
C-329	C



STA 519+25



STA 519+50



STA 519+75

SECTION LEGEND

- EXISTING ELEV. (HILL APRIL 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1108 — HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	TMA		9-5-05
C	GENERAL REVISIONS	JR		12-19-08

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA.

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 519+25 TO 519+75

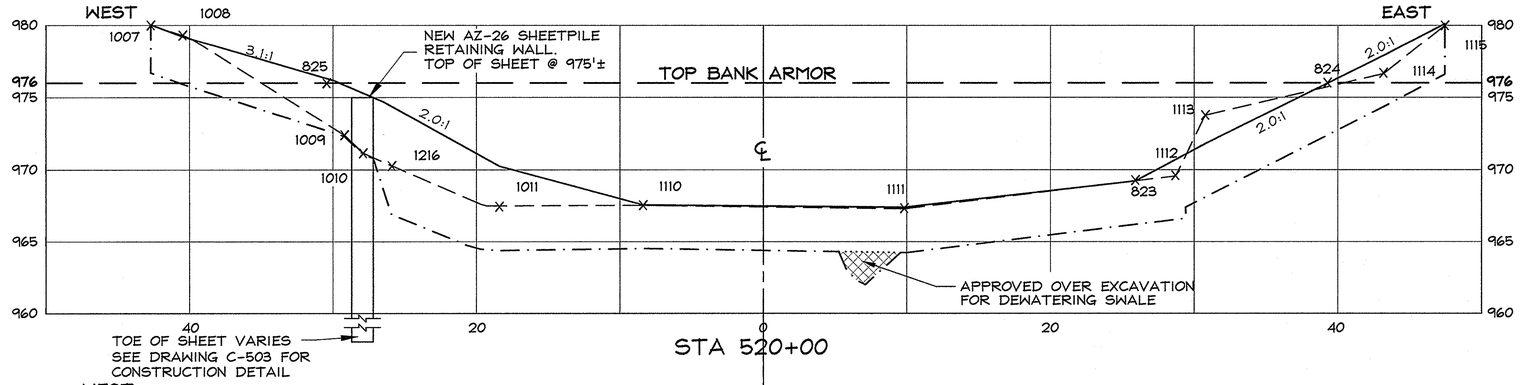
DRAWN BY	JR
DATE DRAWN	1-9-04
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 13 & 14.DWG

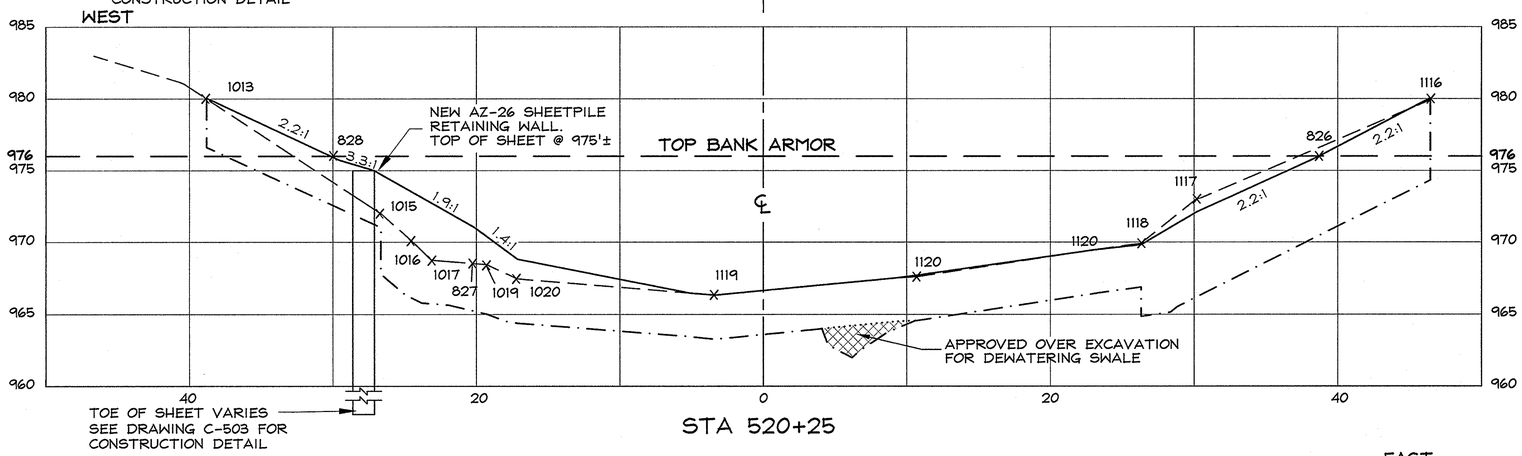
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

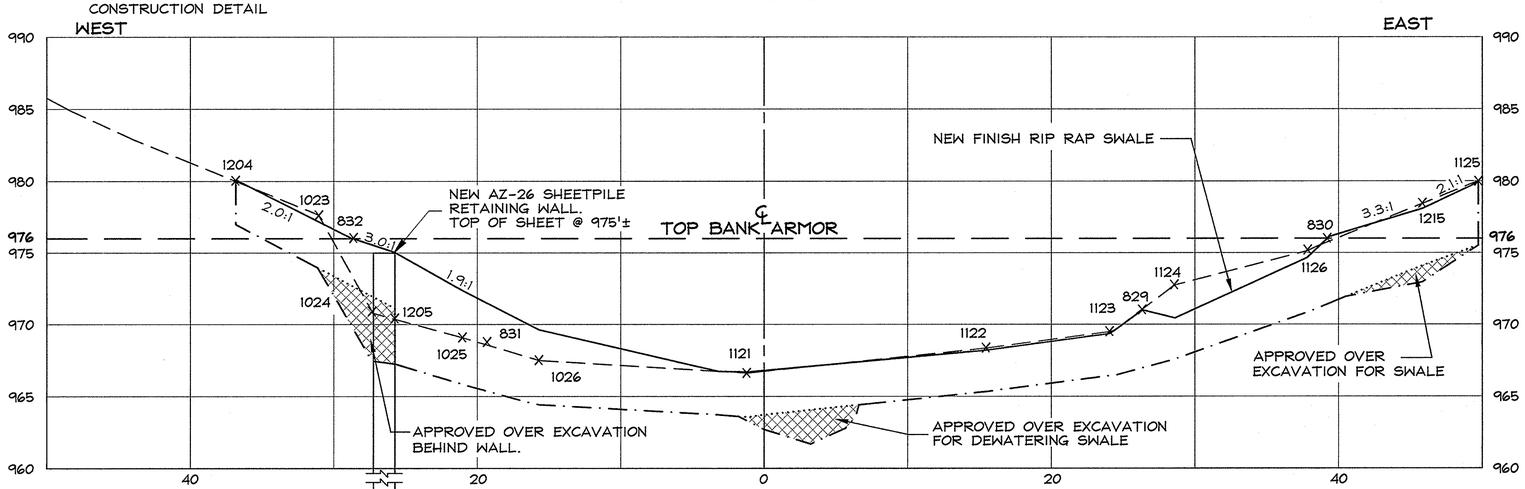
DRAWING NUMBER	REV.
C-330	C



STA 520+00



STA 520+25



STA 520+50

SECTION LEGEND

— — — — — —	EXISTING ELEV. (HILL APRIL 2003)
— · — · — · —	EXCAVATION ELEV.
————	RESTORATION ELEV.
x 1122	HILL TOPO POINT
.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
▨	APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	TMA		9-5-06
C	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 520+00 TO 520+50

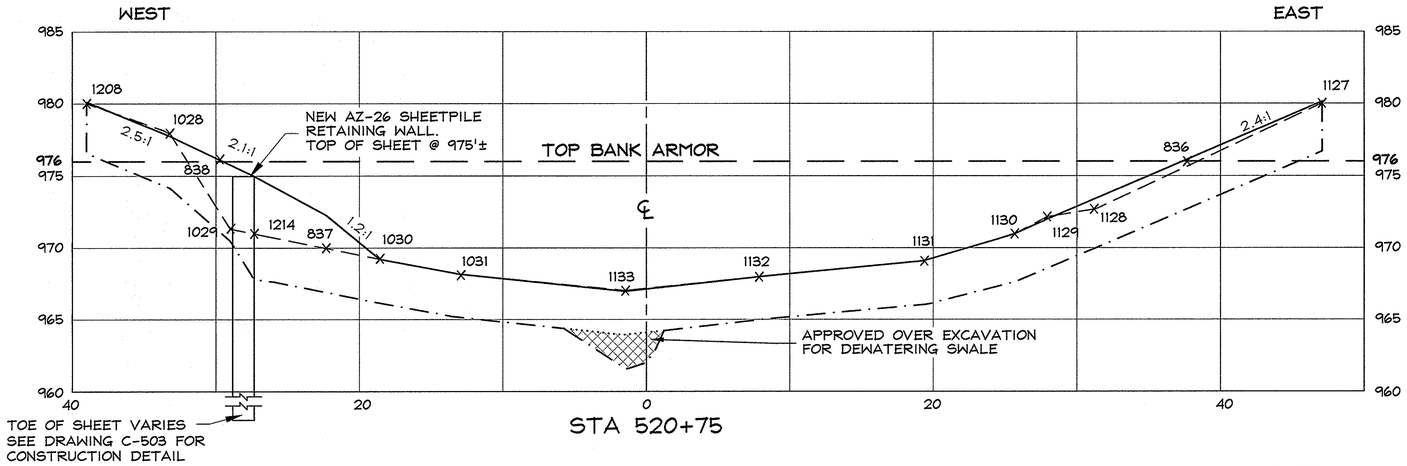
DRAWN BY	JR
DATE DRAWN	1-9-04
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 13 & 14.DWG

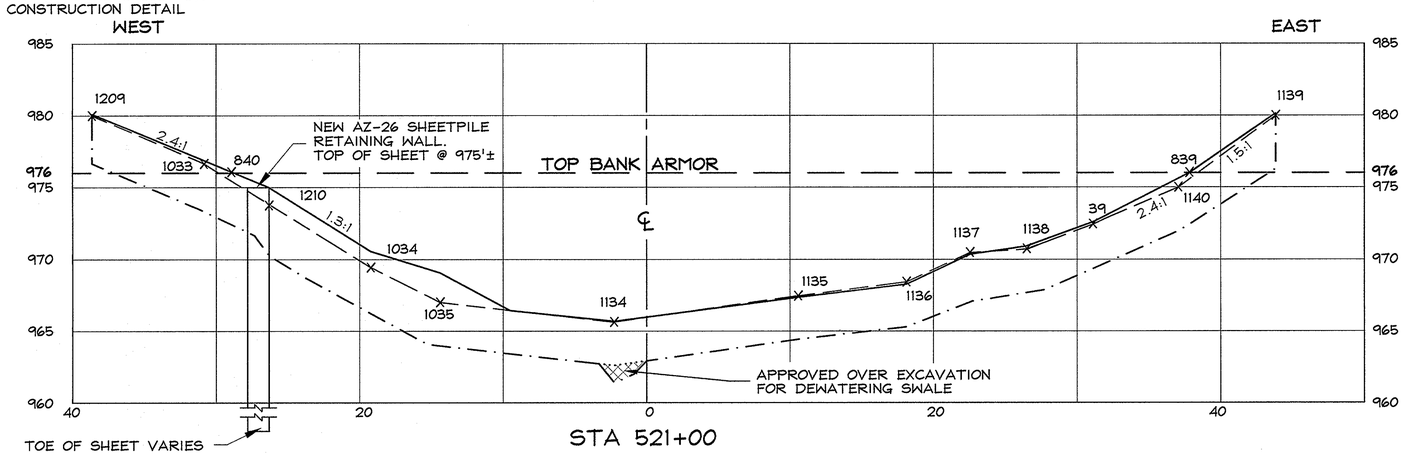
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

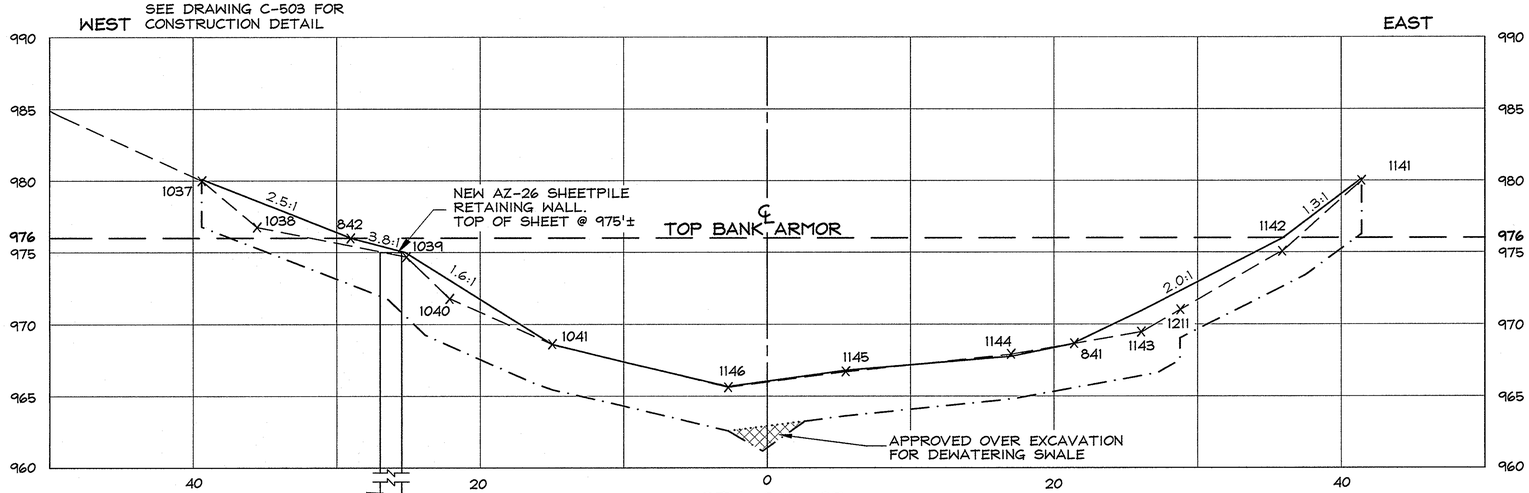
DRAWING NUMBER	REV.
C-331	C



STA 520+75



STA 521+00



STA 521+25

SECTION LEGEND

— — — — —	EXISTING ELEV. (HILL APRIL 2003)
—·—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
x 1141	HILL TOPO POINT
.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
▨	APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS	TMA		9-5-05
C	GENERAL REVISIONS	JR		12-19-08

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA.

PROJECT DESCRIPTION: PHASE I AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 520+75 TO 521+25

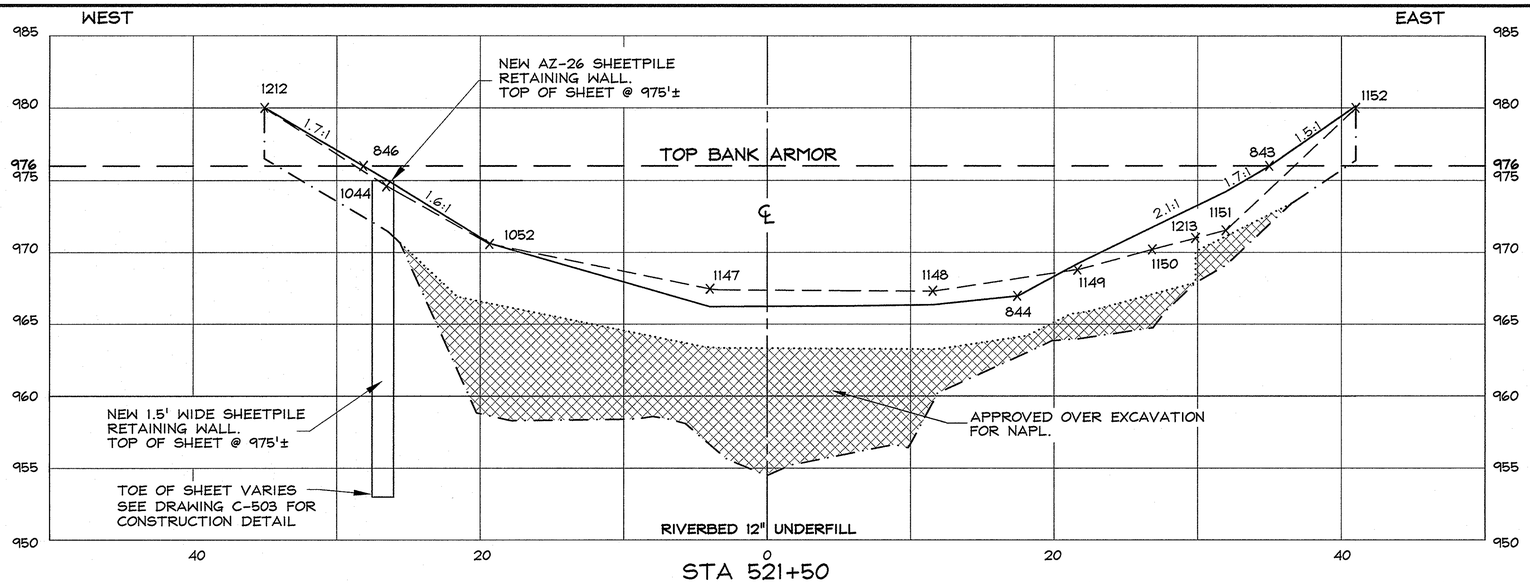
DRAWN BY	JR
DATE DRAWN	1-9-04
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 13 & 14.DWG

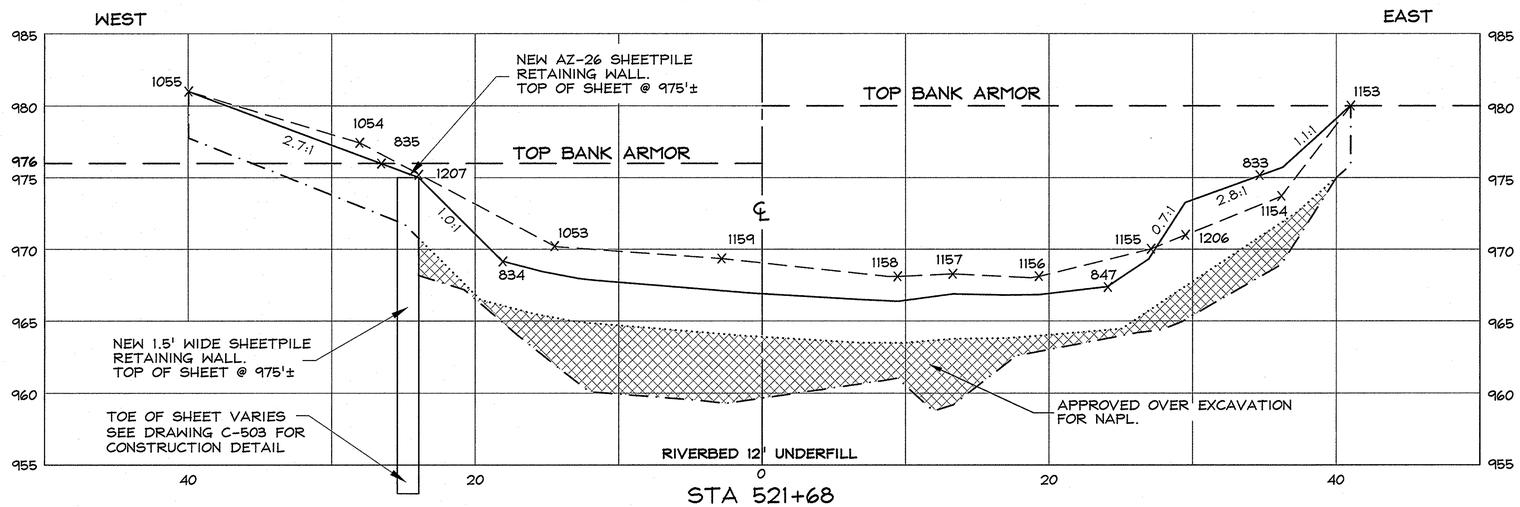
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

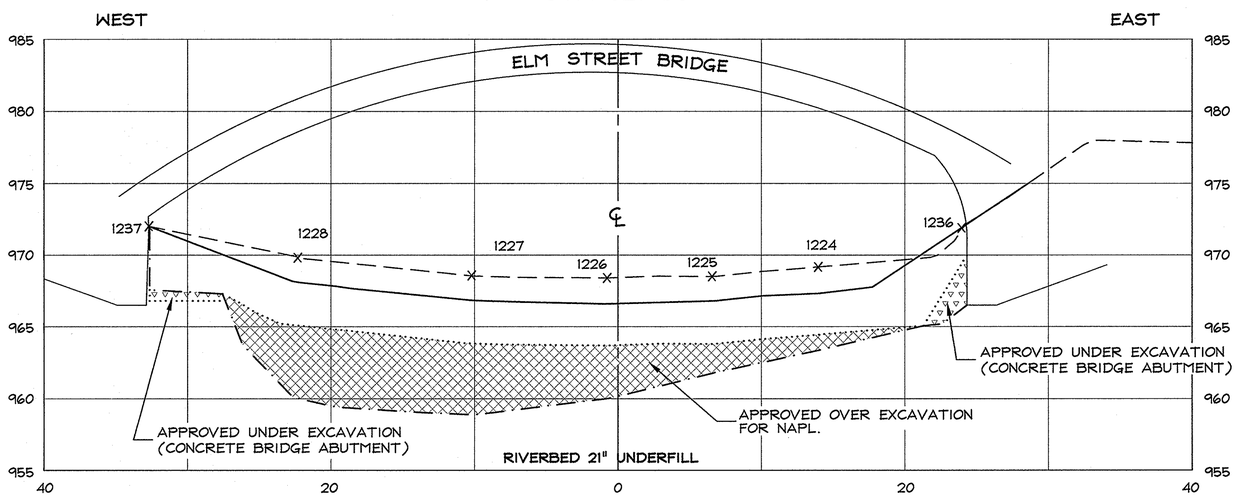
DRAWING NUMBER	REV.
C-332	C



STA 521+50



STA 521+68



STA 522+00

SECTION LEGEND

- EXISTING ELEV. (HILL APRIL 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1236 — HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED OVER EXCAVATION
- APPROVED UNDER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	GENERAL REVISIONS	JR		1-3-05
B	GENERAL REVISIONS		TMA	9-5-05
C	GENERAL REVISIONS	JR		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 521+50 TO 522+00

DRAWN BY	JR
DATE DRAWN	1-9-04
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 13 & 14.DWG

GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-333	C

SUMMARY OF BACKFILL FOR PHASE 1 RIVERBED

STATION	RIPRAP LAYER	RIPRAP THICKNESS	FILTER LAYER A THICKNESS	COMMON FILL THICKNESS	TOTAL UNDERFILL
500+00 TO 504+50	C2/12"	20"	6"	4"	6"
504+50 TO 508+00	C1/9"	15"	6"	9"	6"
508+00 TO 508+25	C2/12"	20"	6"	4"	6"
508+25 TO 512+50	C2/12"	18"	6"	0"	0"
512+50 TO 514+00	C1/9"	15"	6"	0"	3"

NOTE: FROM APPROXIMATELY 508+50 TO 510+50, IN THE AREA OF THE FOUR FOOT EXCAVATION, THE COMMON FILL THICKNESS WAS 22", THE RIPRAP THICKNESS 20", THE FILTER LAYER THICKNESS 6", AND THE UNDERFILL 0".

SUMMARY OF BACKFILL FOR TRANSITION PHASE 1/2 RIVERBED

STATION	RIPRAP LAYER	RIPRAP THICKNESS	FILTER LAYER THICKNESS	COMMON FILL THICKNESS	TOTAL UNDERFILL
514+00 TO 514+50	12"	20"	6"	6"	4"
514+50 TO 519+00	9"	15"	6"	6"	9"
519+00 TO 519+70	12"	20"	6"	6"	4"
519+70 TO 522+00	18"	24"	6"	6"	0"

NOTE: SEE DESIGN SUBMITALS FOR MATERIAL GRADATION AND SPECIFICATIONS.

1 SUMMARY OF BACKFILL FOR RIVERBED
C-501 N.T.S.

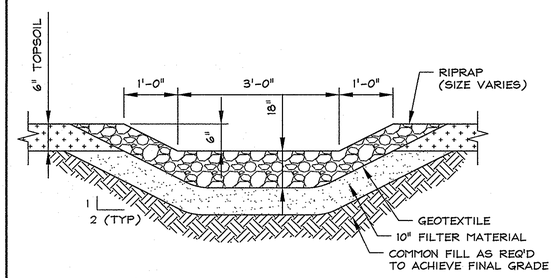
SUMMARY OF BACKFILL FOR PHASE 1 RIVERBANKS

STATION	RIPRAP LAYER	RIPRAP THICKNESS	FILTER LAYER A THICKNESS	FILTER LAYER B THICKNESS
502+50 TO 514+00	C3/18"	24"	6" (MIN)	6"

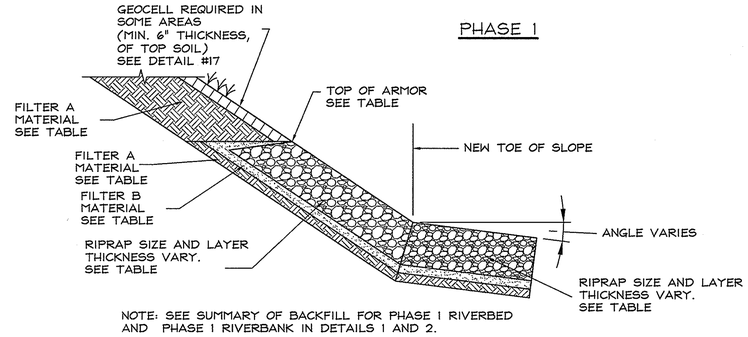
SUMMARY OF BACKFILL FOR TRANSITION PHASE 1/2 RIVERBANKS

STATION	RIPRAP LAYER	RIPRAP THICKNESS	FILTER LAYER THICKNESS	COMMON FILL THICKNESS
514+00 TO 522+00	18"	24"	6" (MIN)	6"

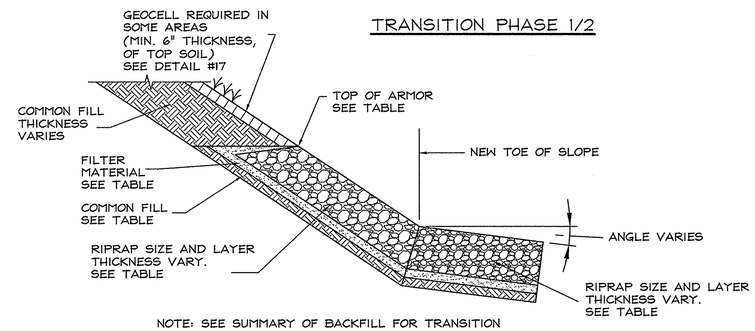
2 SUMMARY OF BACKFILL FOR RIVERBANK
C-501 N.T.S.



3 TYPICAL RIP-RAP SWALE DETAIL
C-501 N.T.S.

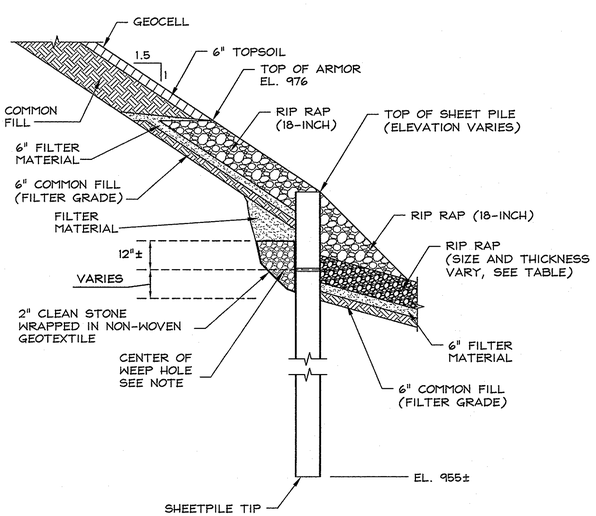


NOTE: SEE SUMMARY OF BACKFILL FOR PHASE 1 RIVERBED AND PHASE 1 RIVERBANK IN DETAILS 1 AND 2.



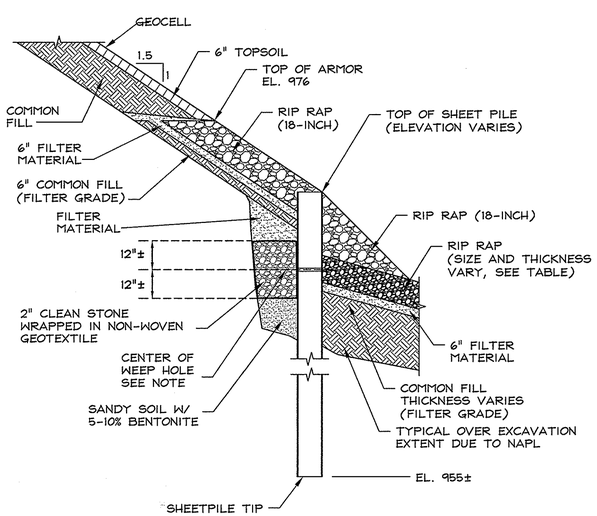
NOTE: SEE SUMMARY OF BACKFILL FOR TRANSITION PHASE 1/2 RIVERBED AND TRANSITION PHASE 1/2 RIVERBANK IN DETAILS 1 AND 2.

4 TYPICAL BACKFILL SEQUENCE FOR RIVERBED AND RIVERBANKS
C-501 N.T.S.



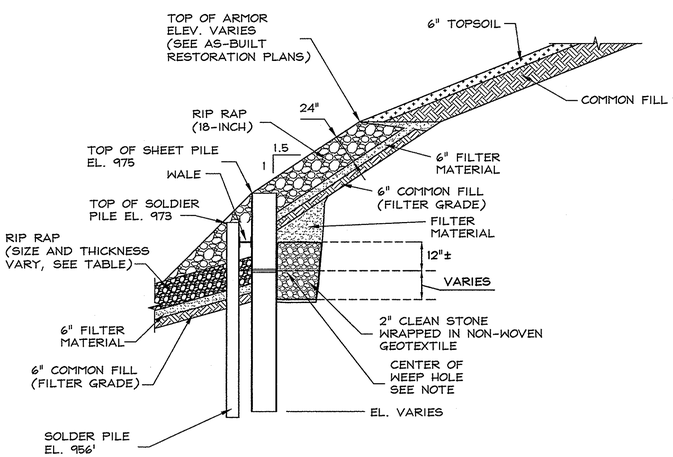
NOTE: PROVIDE 2-INCH DIAMETER WEEP HOLES AT 10 FT ON CENTER. WEEP HOLE INVERT SHOULD BE SET AT CENTER OF RIP RAP LAYER. PROVIDE GEOTEXTILE WRAPPED GRAVEL (FILTER MATERIAL) PACK BEHIND WALL, APPROX. 2' x 2' x 2'.

5 TYPICAL BACKFILL SEQUENCE FOR EAST RIVERBANK 513+87 TO 516+50
C-501 N.T.S.



NOTE: PROVIDE 2-INCH DIAMETER WEEP HOLES AT 10 FT ON CENTER. WEEP HOLE INVERT SHOULD BE SET AT CENTER OF RIP RAP LAYER. PROVIDE GEOTEXTILE WRAPPED GRAVEL (FILTER MATERIAL) PACK BEHIND WALL, APPROX. 2' x 2' x 2'.

6 TYPICAL BACKFILL SEQUENCE FOR EAST RIVERBANK 516+50 TO 518+00
C-501 N.T.S.



NOTE: PROVIDE 2-INCH DIAMETER WEEP HOLES AT 10 FT ON CENTER. WEEP HOLE INVERT SHOULD BE SET AT CENTER OF RIP RAP LAYER. PROVIDE GEOTEXTILE WRAPPED GRAVEL (FILTER MATERIAL) PACK BEHIND WALL, APPROX. 2' x 2' x 2'.

7 TYPICAL BACKFILL SEQUENCE FOR WEST RIVERBANK 519+65 TO 521+68
C-501 N.T.S.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	TMA		12-19-06

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PROJECT DESCRIPTION
WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA.

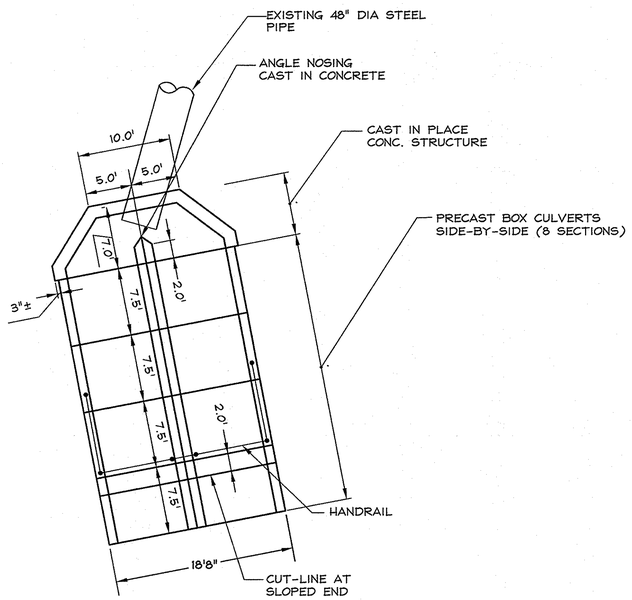
DRAWING TITLE
AS-BUILT DETAILS

PHASE 1
AS-BUILT DRAWINGS

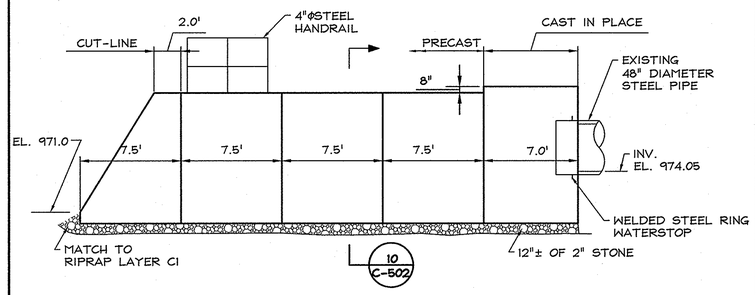
DRAWN BY	TMA
DATE DRAWN	12-18-06
SCALE	
APV'D BY	

CAD CODE: C-500-M.DWG
GRAPHIC SCALE:
PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-501	A

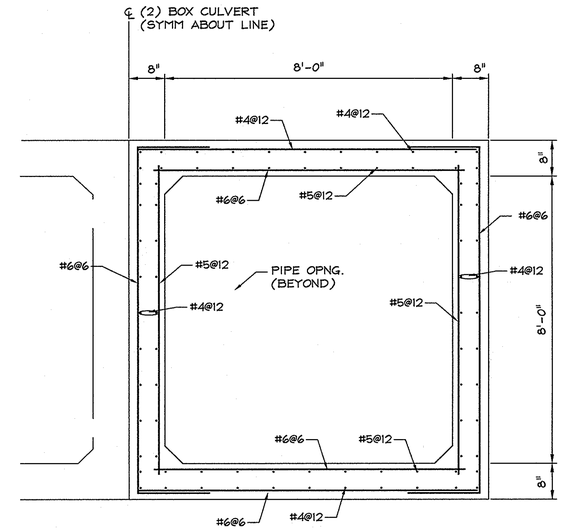


8	SILVER LAKE BOX CULVERT OUTFALL-PLAN VIEW
C-502	N.T.S.

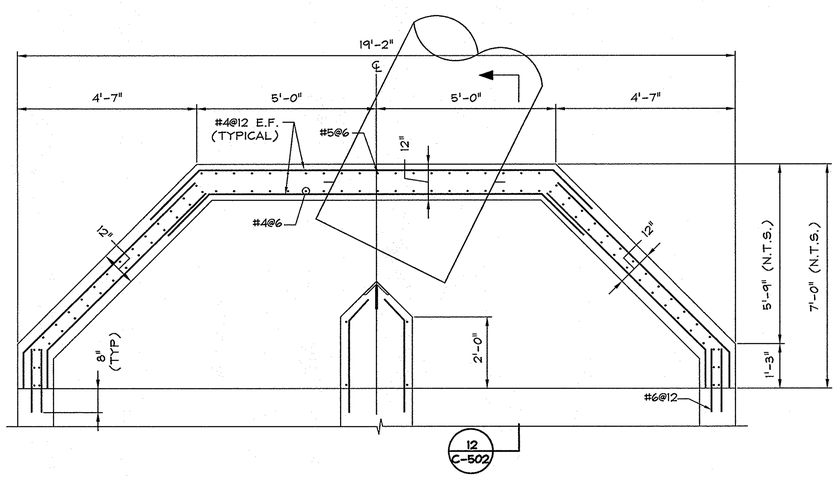


NOTE:
DAMP PROOF THE EXTERIOR OF THE CULVERT ROOF AND SIDE WALLS.

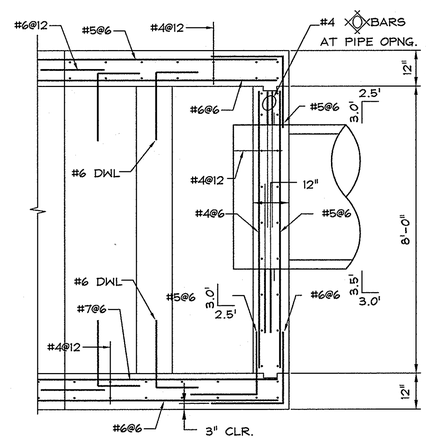
9	SILVER LAKE BOX CULVERT-ELEVATION
C-502	N.T.S.



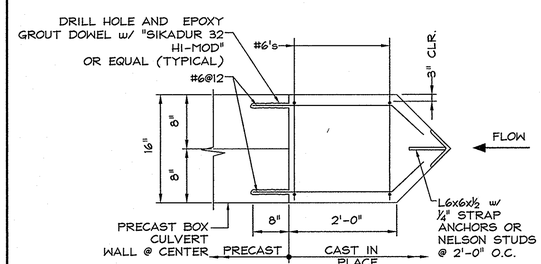
10	BOX CULVERT-CROSS SECTION VIEW
C-502	N.T.S.



11	CAST IN PLACE CONCRETE BOX CULVERT-PARTIAL PLAN VIEW
C-502	N.T.S.



12	CAST IN PLACE CONCRETE OUTFALL-PROFILE VIEW
C-502	N.T.S.



13	ANGLE NOSING-CAST IN CONCRETE
C-502	N.T.S.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	TMA		12-19-06

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT DETAILS

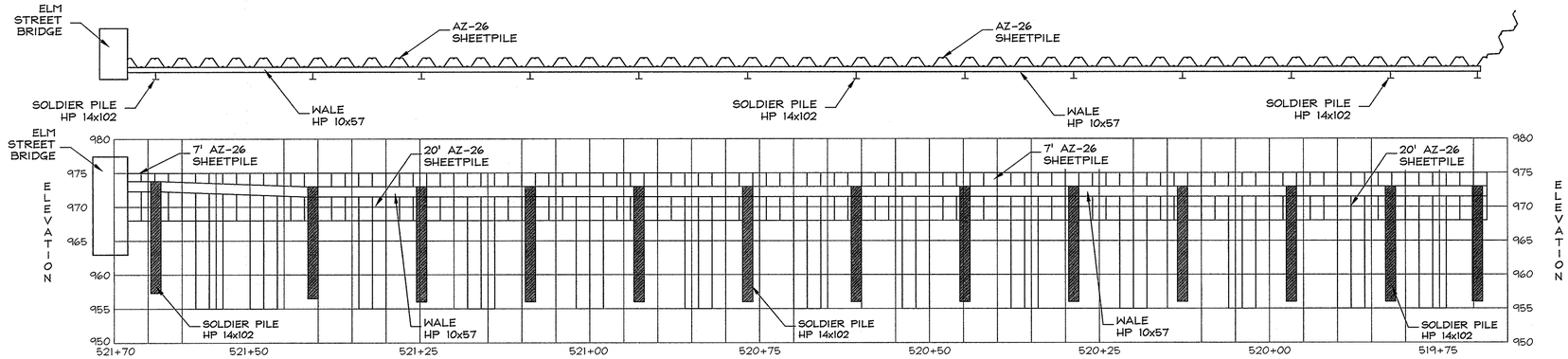
DRAWN BY	TMA
DATE DRAWN	12-18-06
SCALE	
APV'D BY	

CAD CODE: C-500-M.DWG

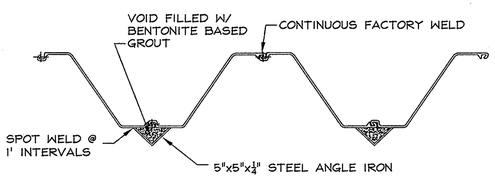
GRAPHIC SCALE:

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-502	A

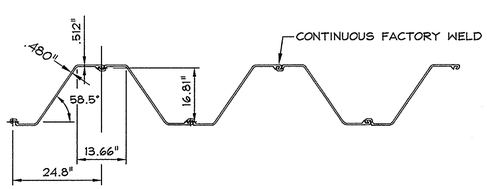


14	WEST BANK WALL INSTALLATION
C-503	SCALE: 1" = 10'

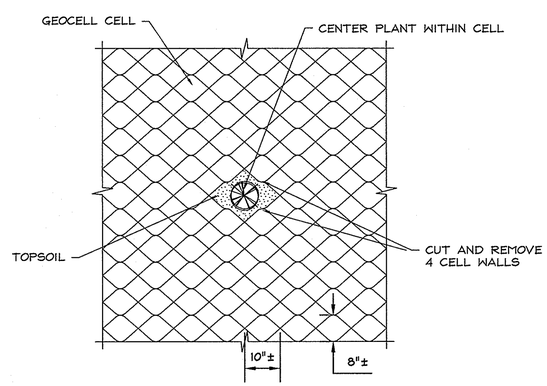


NOTE: ANGLE IRON SEALS EXTEND VERTICALLY FROM 6" BELOW BOTTOM OF EXCAVATION TO 6" BELOW ADJACENT WEEP HOLES.

15	BENTONITE SEALED AZ-26 SHEET PILE WALL
C-503	N.T.S.

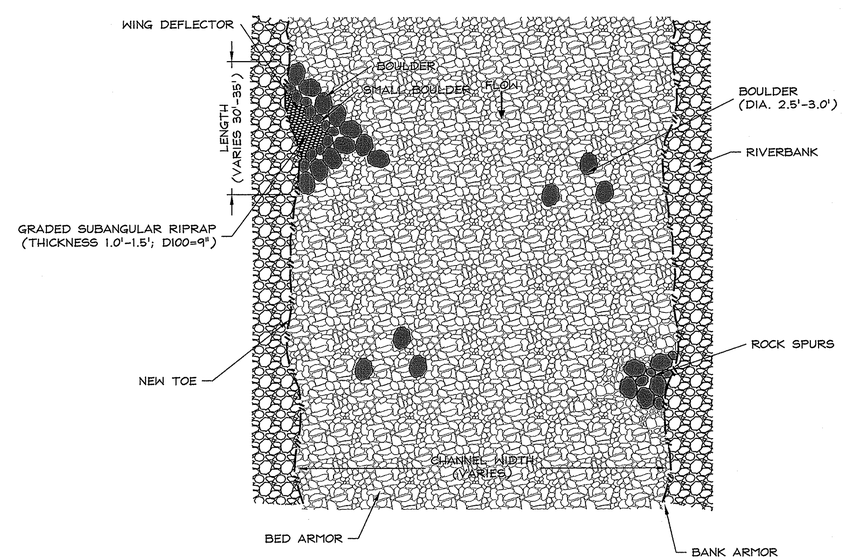


16	AZ-26 SHEET PILE WALL DETAIL
C-503	N.T.S.



NOTE: 30" ANCHOR PINS INSTALLED EVERY 1'± HORIZONTALLY AND EVERY 4'± VERTICALLY.

17	GEOCELL AND PLANTING DETAIL
C-503	N.T.S.



18	WING DEFLECTOR, ROCK SPURS AND BOULDERS DETAIL
C-503	N.T.S.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	TMA		1-8-07

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 1
BELOW LYMAN STREET BRIDGE, PITTSFIELD MA.

DRAWING TITLE: AS-BUILT DETAILS

PROJECT DESCRIPTION: PHASE 1 AS-BUILT DRAWINGS

DRAWN BY	TMA
DATE DRAWN	1-8-07
SCALE	
APV'D BY	

CAD CODE: C-500-M.DWG

GRAPHIC SCALE:

PROJECT NUMBER: SRV-758-19

DRAWING NUMBER	REV.
C-503	A