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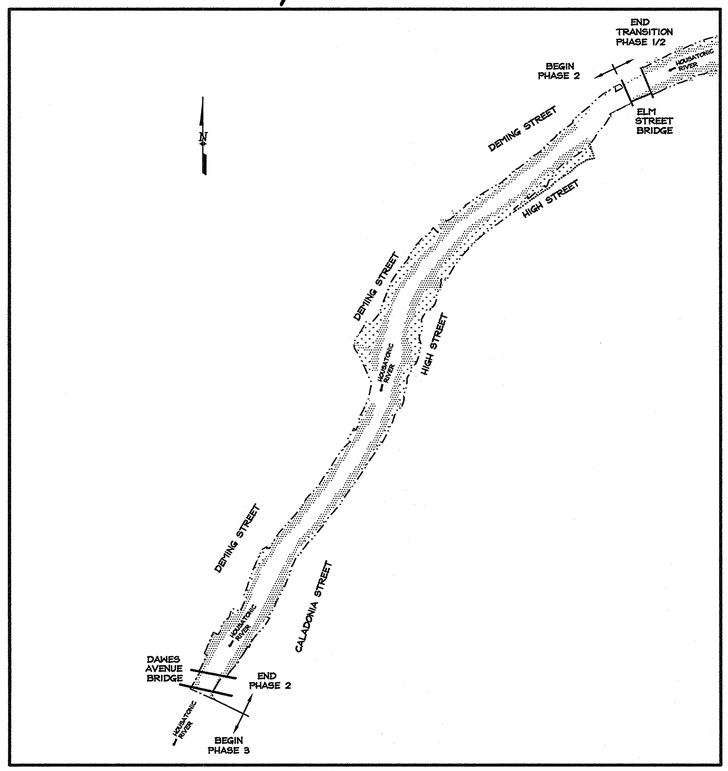
AS-BUILT DRAWINGS FOR EAST BRANCH HOUSATONIC RIVER REMEDIATION PROJECT PHASE 2 PITTSFIELD, MASSACHUSETTS

WESTON SOLUTIONS

SEVENSON ENVIRONMENTAL SERVICES, INC.

Hill engineers architects planners



LOCUS
SCALE: 1"=200'

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

US Army Corps of Engineers New England District

INDEX OF SHEETS:

G-100 - TITLE SHEET
C-101 A & C-102 A - KEY MAPS
C-101 B & C-102 B - NAPL EXCAVATION
C-103 TO C-106 PLAN VIEWS (STATIONS 522+30 TO 527+50) (CELLS 14 & 15)
C-107 TO C-110 PLAN VIEWS (STATIONS 527+75 TO 531+75) (CELL 16)
C-111 TO C-112 PLAN VIEWS (STATIONS 532+00 TO 533+50) (CELL 17)
C-113 TO C-116 PLAN VIEWS (STATIONS 533+75 TO 538+50) (CELLS 18 & 19)
C-117 TO C-120 PLAN VIEWS (STATIONS 538+75 TO 543+50) (CELLS 20, 21 & 22)
C-301 TO C-308 SECTIONS (STATIONS 522+30 TO 527+50 (CELLS 14 & 15)
C-309 TO C-314 SECTIONS (STATIONS 527+75 TO 531+75) (CELL 16)
C-315 TO C-319 SECTIONS (STATIONS 532+00 TO 533+50) (CELL 17)
C-320 TO C-326 SECTIONS (STATIONS 533+75 TO 538+50) (CELLS 18 & 19)
C-327 TO C-332 SECTIONS (STATIONS 538+75 TO 543+50) (CELLS 20, 21 & 22)
C-501 TO C-503 AS-BUILT DETAILS

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE 2 AS-BUILT DRAWINGS

DRAWING TITLE: TITLE SHEET STATIONS 522+30 TO 543+50

DRAWN BY	JR
DATE DRAWN	3-1-05
SCALE	AS-NOTED
APV'D BY	

CAD CODE: SRV-758-43-T0.DWG

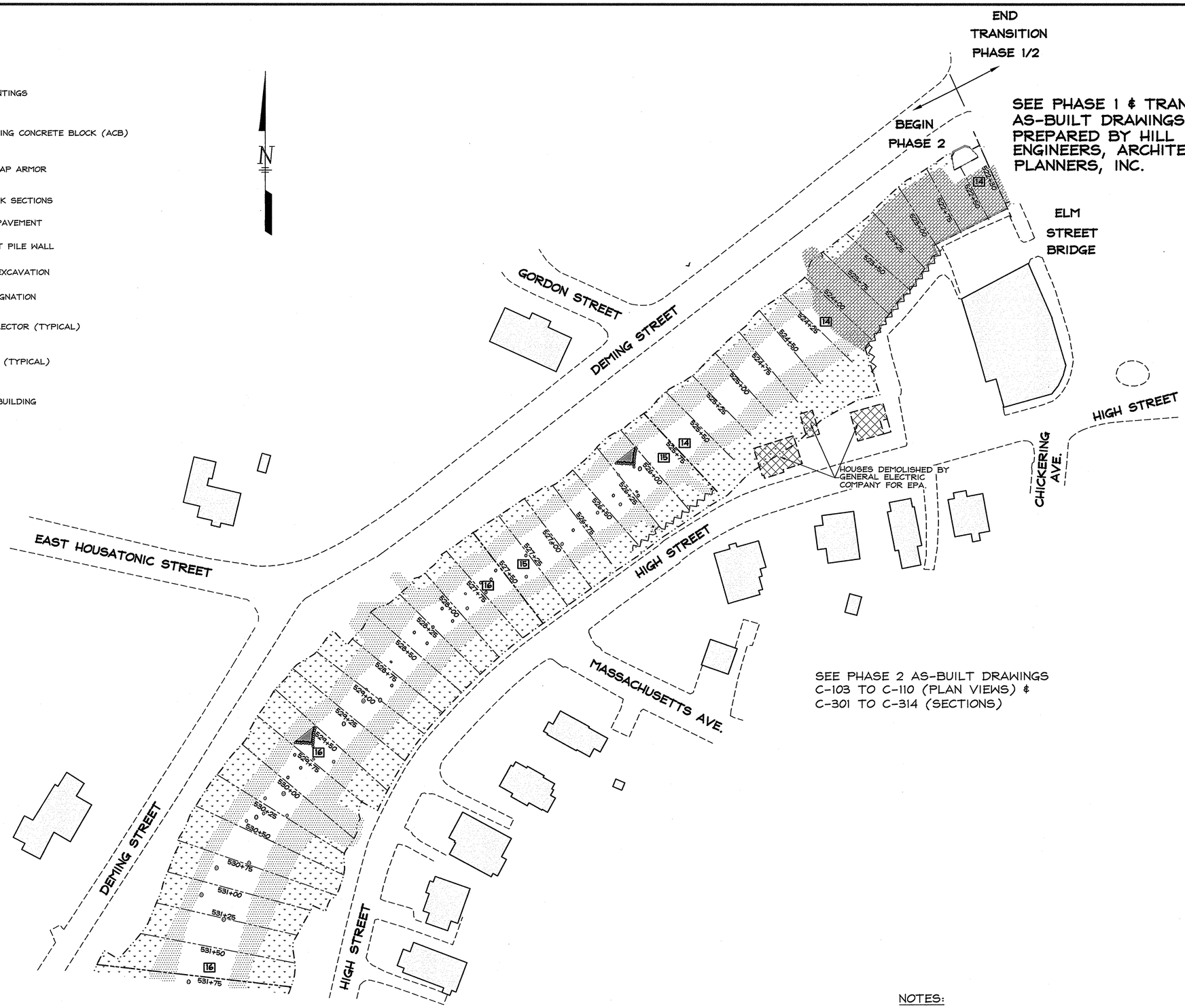
GRAPHIC SCALE: 0 200 400

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
G-100	B

LEGEND

- BANK PLANTINGS
- ARTICULATING CONCRETE BLOCK (ACB)
- BANK RIPRAP ARMOR
- 525+00 — RIVER/BANK SECTIONS
- EDGE OF PAVEMENT
- NEW SHEET PILE WALL
- LIMIT OF EXCAVATION
- 14 — CELL DESIGNATION
- WING DEFLECTOR (TYPICAL)
- BOULDERS (TYPICAL)
- EXISTING BUILDING



SEE PHASE 1 & TRANSITION PHASE 1/2 AS-BUILT DRAWINGS PREPARED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.

SEE PHASE 2 AS-BUILT DRAWINGS C-103 TO C-110 (PLAN VIEWS) & C-301 TO C-314 (SECTIONS)

NOTES:

1. DETAIL SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. IN MAY, 2003 TO NOVEMBER, 2004 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. CELL BOUNDARIES DETERMINED BY WESTON/CONTRACTOR AND LOCATED BY HILL-ENGINEERS, ARCHITECTS, PLANNERS, INC.
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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE 2 AS-BUILT DRAWINGS

DRAWING TITLE: KEY MAP STATIONS 522+30 TO 532+50

DRAWN BY	JR
DATE DRAWN	3-1-05
SCALE	1"=40'
APV'D BY	

CAD CODE: SRV-758-43-OVERALL.DWG

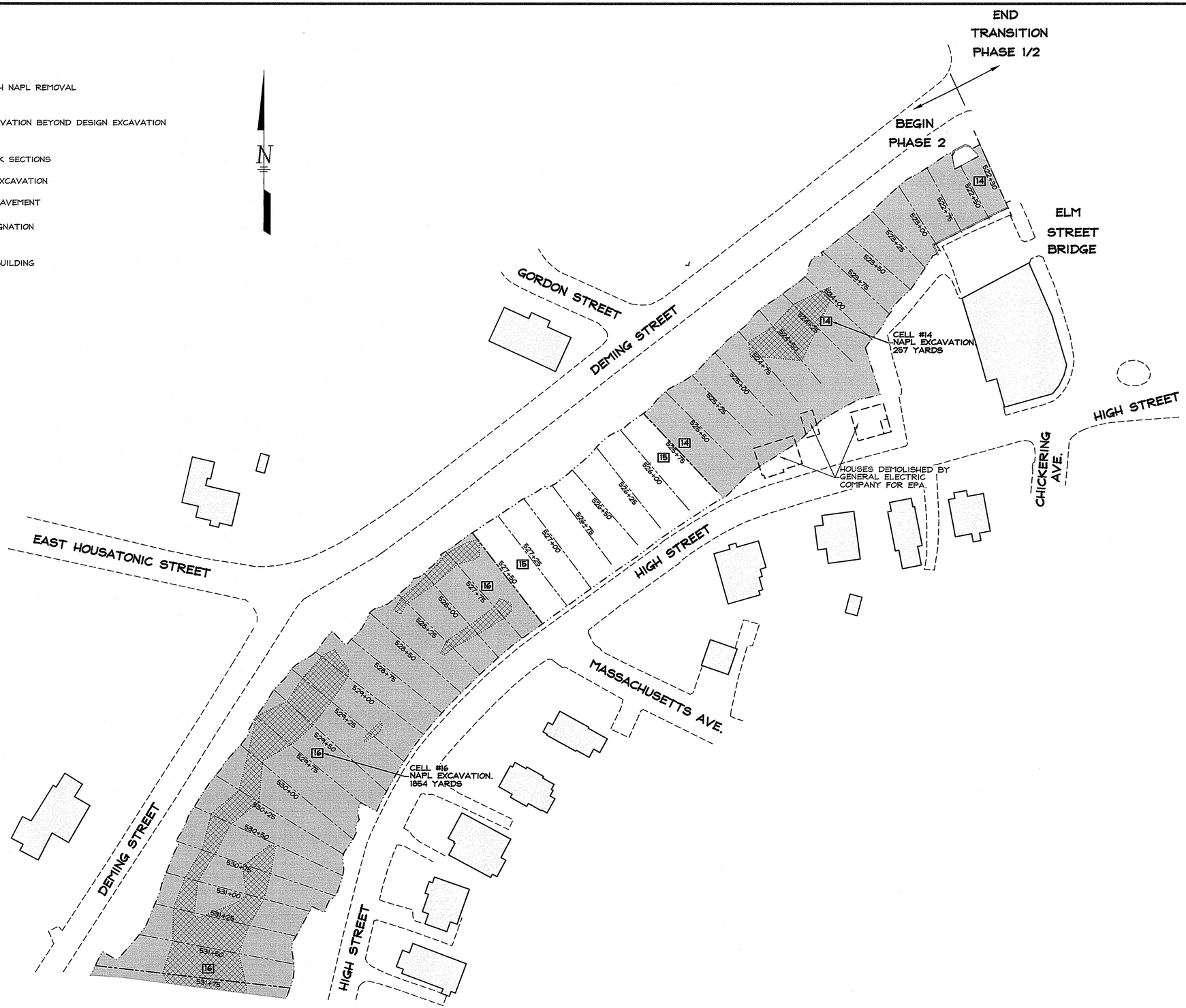
GRAPHIC SCALE: 0 40 80

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-101 A	B

LEGEND

- CELLS WITH NAPL REMOVAL
- NAPL EXCAVATION BEYOND DESIGN EXCAVATION
- 525+00 — RIVER/BANK SECTIONS
- LIMIT OF EXCAVATION
- EDGE OF PAVEMENT
- 14 — CELL DESIGNATION
- EXISTING BUILDING



NOTES:

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE 2 AS-BUILT DRAWINGS

DRAWING TITLE: NAPL EXCAVATION STATIONS 522+30 TO 532+50

DRAWN BY	JR
DATE DRAWN	3-1-05
SCALE	1"=40'
APV'D BY	

CAD CODE: SRV-758-43-OVERALL.DWG

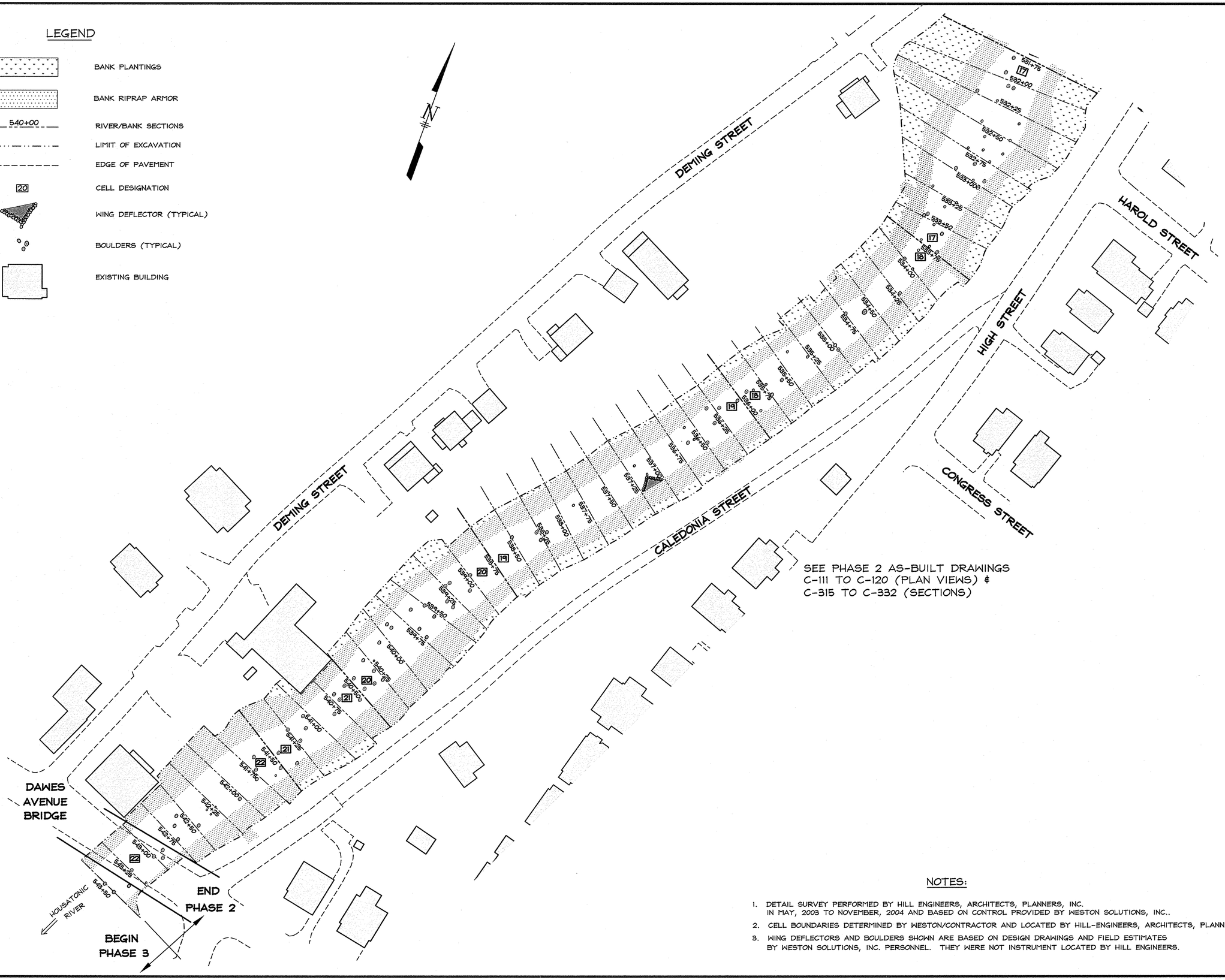
GRAPHIC SCALE: 0 40 80

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-101 B	A

LEGEND

- BANK PLANTINGS
- BANK RIPRAP ARMOR
- 540+00 — RIVER/BANK SECTIONS
- LIMIT OF EXCAVATION
- EDGE OF PAVEMENT
- 20 — CELL DESIGNATION
- WING DEFLECTOR (TYPICAL)
- BOULDERS (TYPICAL)
- EXISTING BUILDING



NOTES:

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: KEY MAP STATIONS 532+50 TO 543+50

PROJECT DESCRIPTION: PHASE 2 AS-BUILT DRAWINGS

DRAWN BY	JR
DATE DRAWN	3-1-05
SCALE	1"=40'
APV'D BY	

CAD CODE: SRV-758-43-OVERALL.DWG

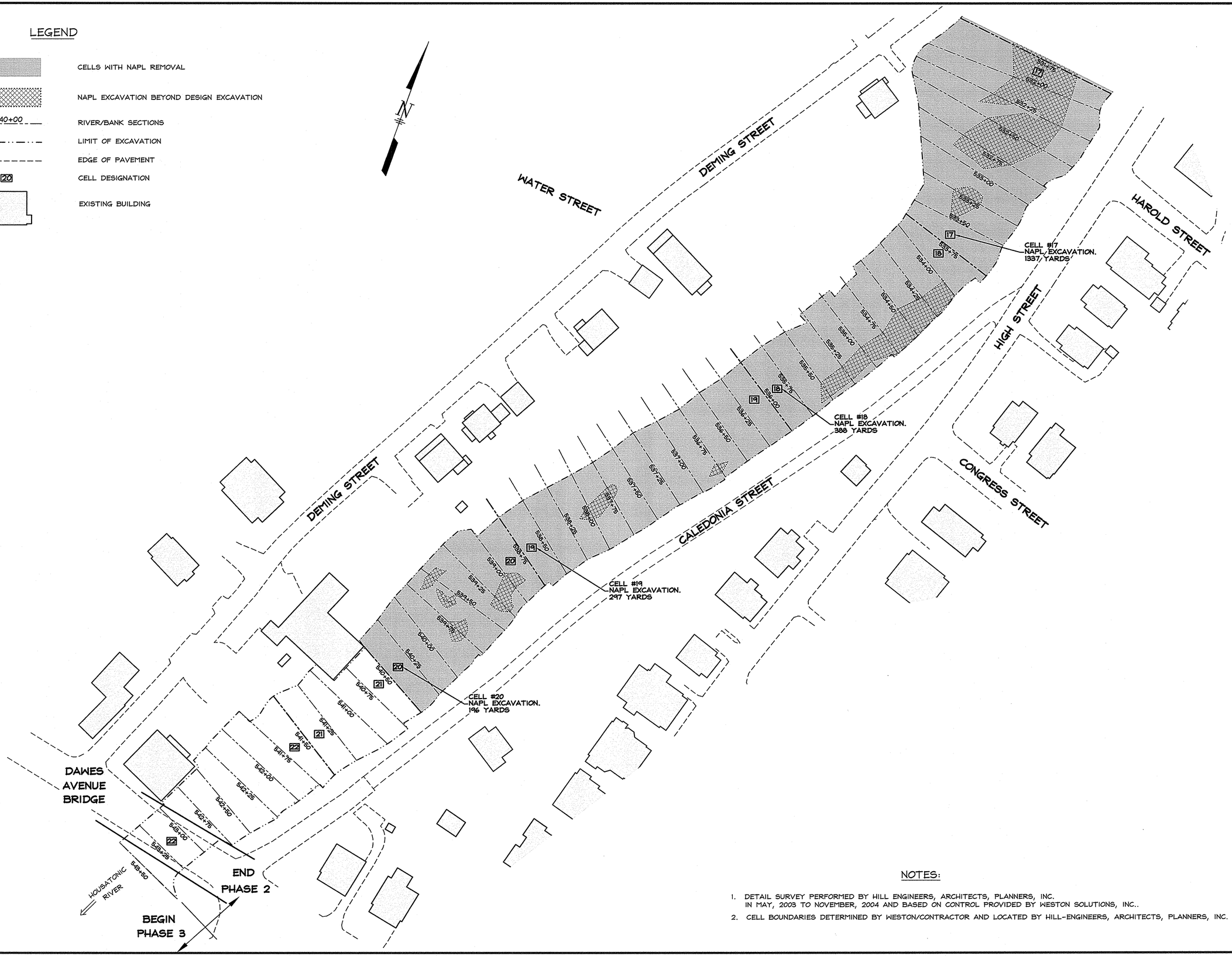
GRAPHIC SCALE: 0 40 80

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-102 A	B

LEGEND

- CELLS WITH NAPL REMOVAL
- NAPL EXCAVATION BEYOND DESIGN EXCAVATION
- 540+00 — RIVER/BANK SECTIONS
- LIMIT OF EXCAVATION
- EDGE OF PAVEMENT
- 20 — CELL DESIGNATION
- EXISTING BUILDING



NOTES:

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE 2 AS-BUILT DRAWINGS

DRAWING TITLE: NAPL EXCAVATION STATIONS 532+50 TO 543+50

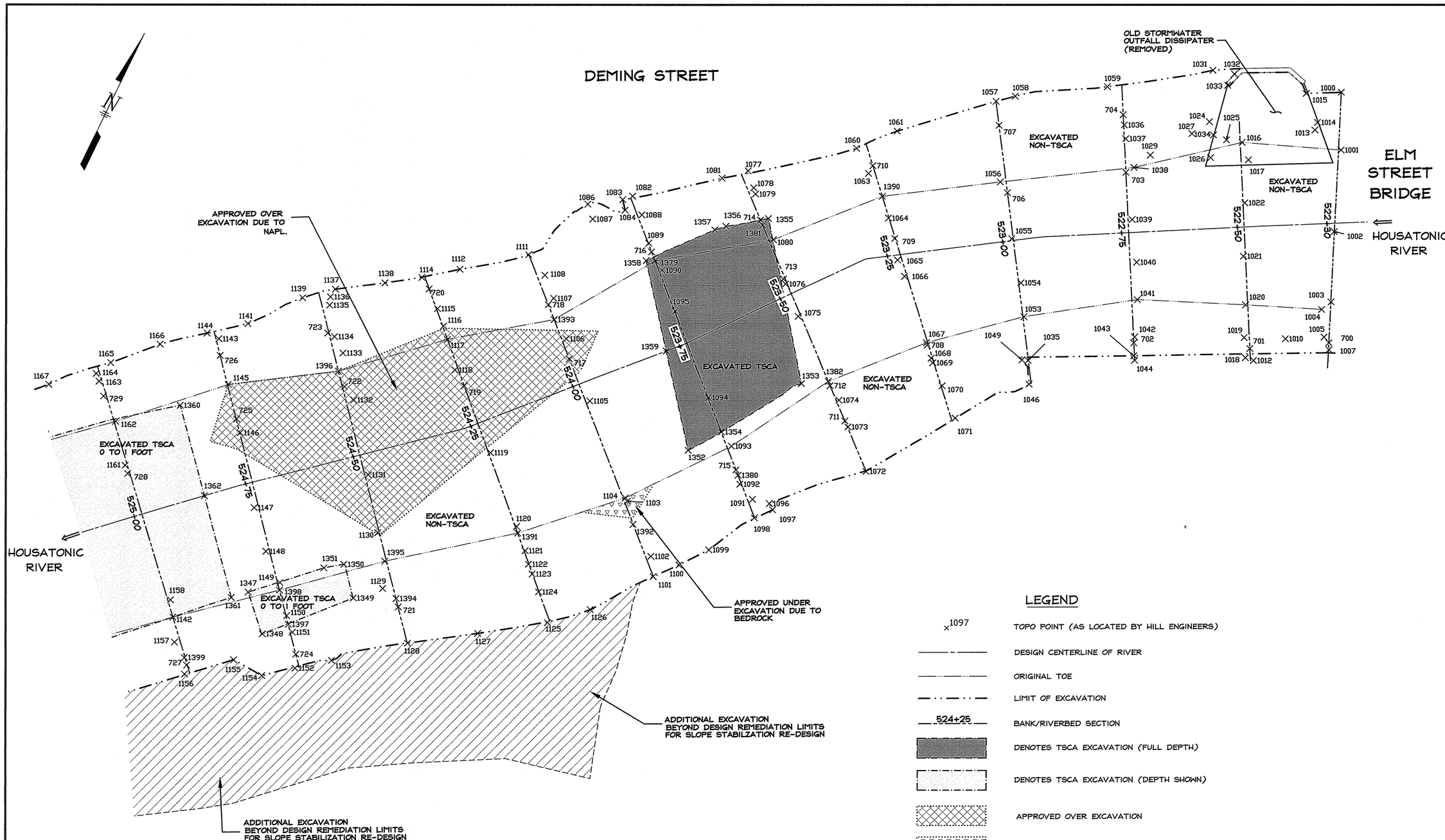
DRAWN BY	JR
DATE DRAWN	3-1-05
SCALE	1"=40'
APV'D BY	

CAD CODE: SRV-758-43-OVERALL.DWG

GRAPHIC SCALE: 0 40 80

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-102 B	B



LEGEND

×1097	TOPO POINT (AS LOCATED BY HILL ENGINEERS)
	DESIGN CENTERLINE OF RIVER
	ORIGINAL TOE
	LIMIT OF EXCAVATION
524+25	BANK/RIVERBED SECTION
	DENOTES TSCA EXCAVATION (FULL DEPTH)
	DENOTES TSCA EXCAVATION (DEPTH SHOWN)
	APPROVED OVER EXCAVATION
	APPROVED UNDER EXCAVATION
	ADDITIONAL EXCAVATION BEYOND DESIGN REMEDIATION LIMITS

NOTES:

1. ENTIRE RIVERBED BETWEEN ORIGINAL TOES EXCAVATED TO BEDROCK UNLESS OTHERWISE NOTED.
2. EXCAVATION LIMITS, DEPTHS, WALL LOCATIONS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. CELL #14 ENCOMPASSES STATIONS 522+30 TO 525+75. SEE POINT LISTING TABLE FOR CELL #14 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.

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 522+30 TO 525+00

PROJECT DESCRIPTION: PHASE 2 AS-BUILT DRAWINGS

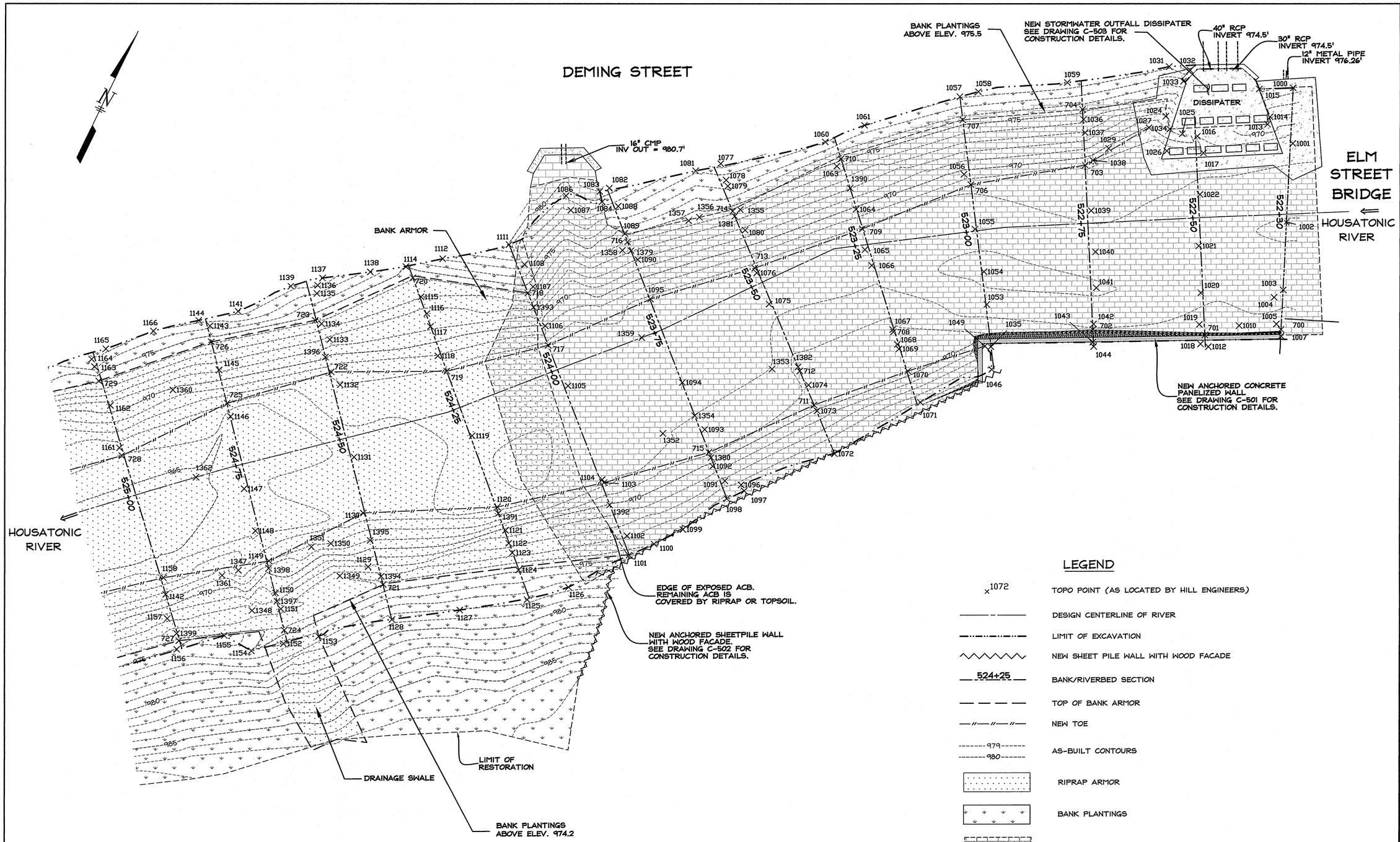
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 14 & 15.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-103	B



LEGEND

×1072	TOPO POINT (AS LOCATED BY HILL ENGINEERS)
	DESIGN CENTERLINE OF RIVER
	LIMIT OF EXCAVATION
	NEW SHEET PILE WALL WITH WOOD FACADE
524+25	BANK/RIVERBED SECTION
	TOP OF BANK ARMOR
	NEW TOE
979 / 980	AS-BUILT CONTOURS
	RIPRAP ARMOR
	BANK PLANTINGS
	ARTICULATING CONCRETE BLOCK (ACB)
	CONCRETE

NOTES:

1. AS-BUILT TOPOGRAPHIC SURVEY PERFORMED BY HILL-ENGINEERS, ARCHITECTS, PLANNERS, INC. ON MAY 13, 2004 FOR CELL #14 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, WALL LOCATIONS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. CELL #14 ENCOMPASSES STATIONS 522+30 TO 525+75. SEE POINT LISTING TABLE FOR CELL #14 AS PROVIDED BY HILL-ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. WHERE BEDROCK WAS ENCOUNTERED LESS THAN 18-INCHES BELOW THE DESIGN RESTORATION GRADE IN THE RIVERBED, RIPRAP WAS OMITTED AND THE FINAL GRADE WAS ACHIEVED WITH FILTER MATERIAL. WHERE BEDROCK WAS ENCOUNTERED ABOVE THE DESIGN RESTORATION GRADE IN THE RIVERBED, BEDROCK WAS LEFT EXPOSED.

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B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE 2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 522+30 TO 525+00

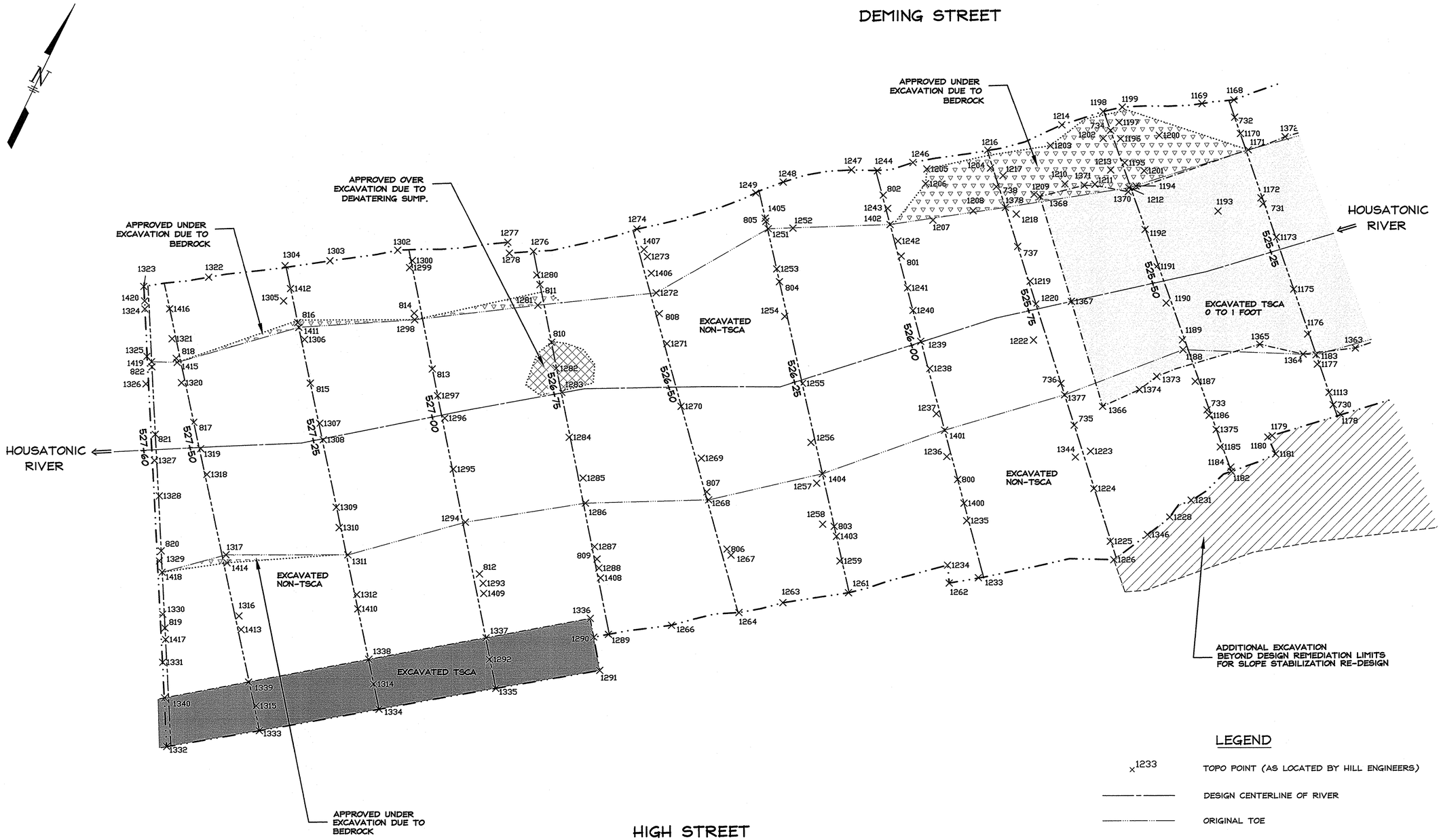
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 14 & 15.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-104	B



LEGEND

×1233	TOPO POINT (AS LOCATED BY HILL ENGINEERS)
	DESIGN CENTERLINE OF RIVER
	ORIGINAL TOE
	LIMIT OF EXCAVATION
527+00	BANK/RIVERBED SECTION
	DENOTES TSCA EXCAVATION (FULL DEPTH)
	DENOTES TSCA EXCAVATION (DEPTH SHOWN)
	APPROVED OVER EXCAVATION
	APPROVED UNDER EXCAVATION
	ADDITIONAL EXCAVATION BEYOND RESTORATION LIMITS

NOTES:

1. ENTIRE RIVERBED BETWEEN ORIGINAL TOES EXCAVATED TO BEDROCK UNLESS OTHERWISE NOTED.
2. EXCAVATION LIMITS, DEPTHS, WALL LOCATIONS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. CELL #14 ENCOMPASSES STATIONS 522+30 TO 525+75 & CELL 15 ENCOMPASSES STATIONS 526+00 TO 527+60. SEE POINT LISTING TABLE FOR CELLS #14 & #15 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.

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 525+25 TO 527+60

PROJECT DESCRIPTION: PHASE 2 AS-BUILT DRAWINGS

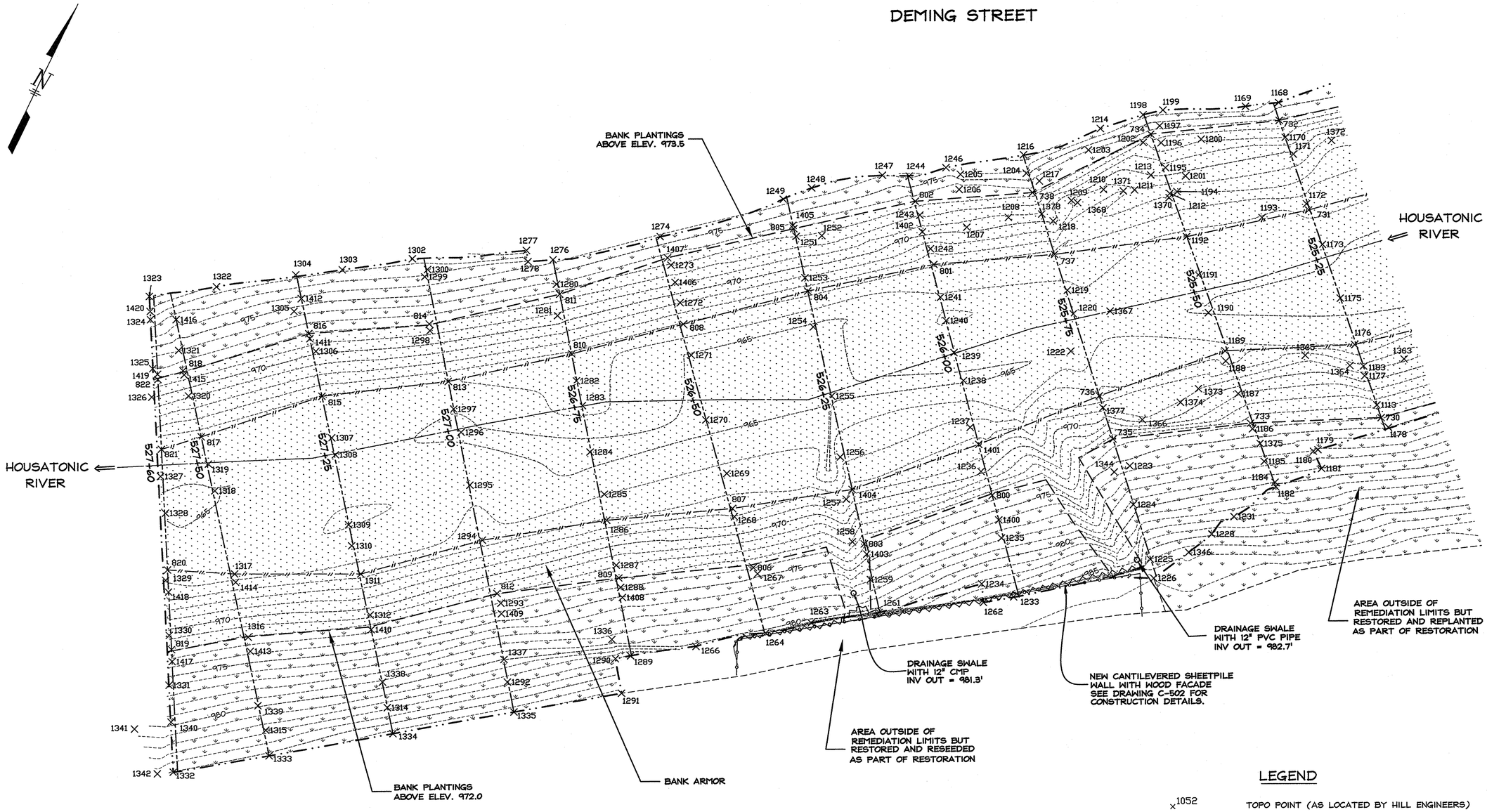
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 14 & 15.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-105	B



LEGEND

×1052	TOPO POINT (AS LOCATED BY HILL ENGINEERS)
	DESIGN CENTERLINE OF RIVER
	LIMIT OF EXCAVATION
	NEW SHEET PILE WALL WITH WOOD FACADE
	NEW CHAIN LINK FENCE
527+00	BANK/RIVERBED SECTION
	TOP OF BANK ARMOR
	NEW TOE
979 / 980	AS-BUILT CONTOURS
	RIPRAP ARMOR
	BANK PLANTINGS

NOTES:

1. AS-BUILT TOPOGRAPHIC SURVEY PERFORMED BY HILL-ENGINEERS, ARCHITECTS, PLANNERS, INC. ON MAY 5, 2004 FOR CELL #15 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, WALL LOCATIONS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. CELL #14 ENCOMPASSES STATIONS 522+30 TO 525+75 & CELL 15 ENCOMPASSES STATIONS 526+00 TO 527+60. SEE POINT LISTING TABLE FOR CELLS #14 & #15 AS PROVIDED BY HILL-ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. WHERE BEDROCK WAS ENCOUNTERED LESS THAN 18-INCHES BELOW THE DESIGN RESTORATION GRADE IN THE RIVERBED, RIPRAP WAS OMITTED AND THE FINAL GRADE WAS ACHIEVED WITH FILTER MATERIAL. WHERE BEDROCK WAS ENCOUNTERED ABOVE THE DESIGN RESTORATION GRADE IN THE RIVERBED, BEDROCK WAS LEFT EXPOSED.

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 525+25 TO 527+60

PROJECT DESCRIPTION: PHASE 2 AS-BUILT DRAWINGS

DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILT CELLS 14 & 15.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-106	B

LEGEND

- ×1071 — TOPO POINT (AS LOCATED BY HILL ENGINEERS)
- DESIGN CENTERLINE OF RIVER
- ORIGINAL TOE
- LIMIT OF EXCAVATION
- 528+50 — BANK/RIVERBED SECTION
- DENOTES TSCA EXCAVATION (FULL DEPTH)
- DENOTES TSCA EXCAVATION (DEPTH SHOWN)
- APPROVED OVER EXCAVATION
- APPROVED UNDER EXCAVATION

NOTES:

1. ENTIRE RIVERBED BETWEEN ORIGINAL TOES EXCAVATED TO BEDROCK UNLESS OTHERWISE NOTED.
2. EXCAVATION LIMITS, DEPTHS, WALL LOCATIONS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELL #16 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #16 ENCOMPASSES STATIONS 527+75 TO 531+75.
5. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS.

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA.

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 527+75 TO 529+75

DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=10'
APV'D BY	

CAD CODE: CELL 16#17AB 1-12-07.DWG

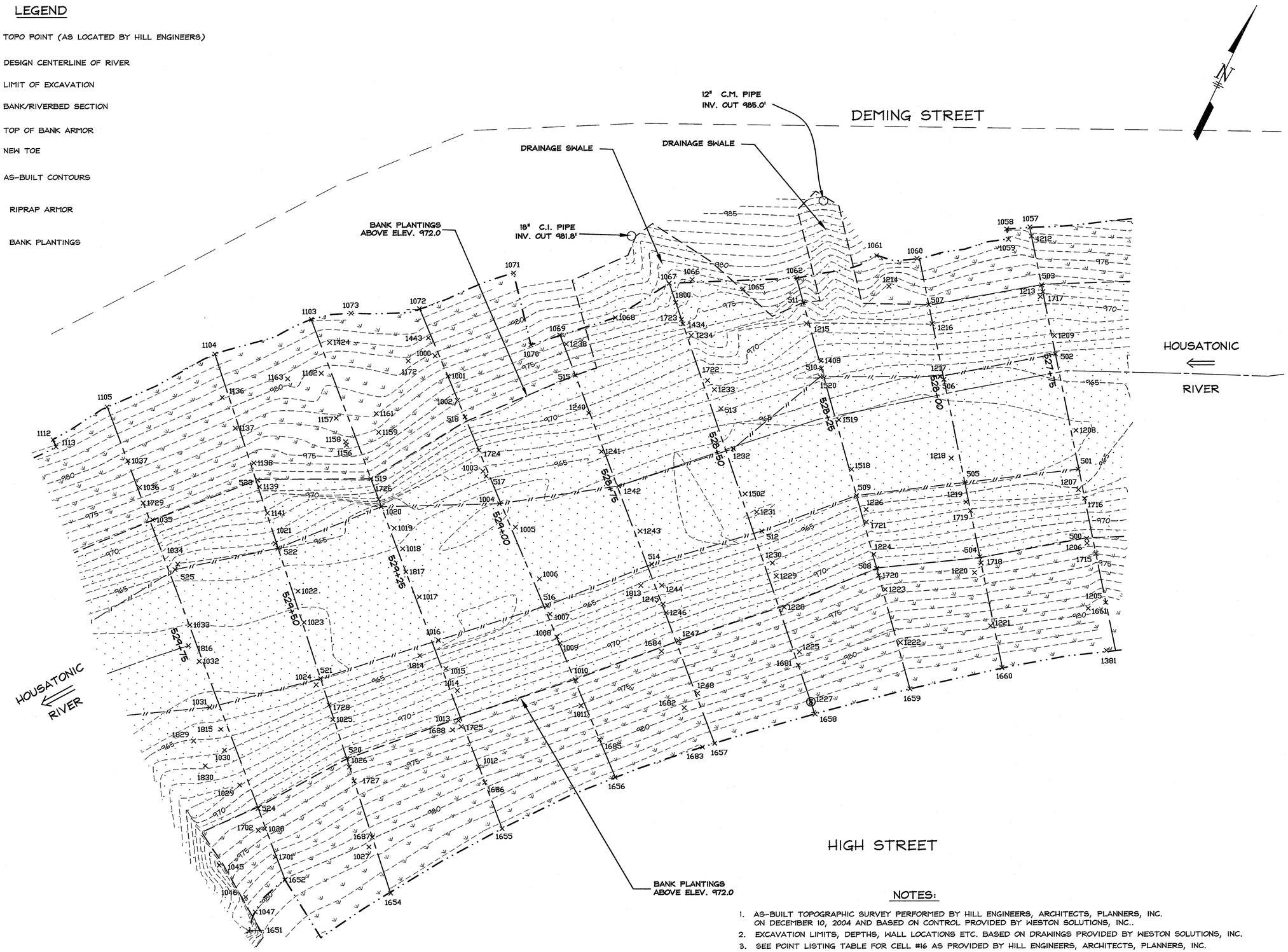
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-107	B

LEGEND

×1072	TOPO POINT (AS LOCATED BY HILL ENGINEERS)
	DESIGN CENTERLINE OF RIVER
	LIMIT OF EXCAVATION
529+00	BANK/RIVERBED SECTION
	TOP OF BANK ARMOR
	NEW TOE
979 / 980	AS-BUILT CONTOURS
	RIPRAP ARMOR
	BANK PLANTINGS



NOTES:

1. AS-BUILT TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. ON DECEMBER 10, 2004 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. EXCAVATION LIMITS, DEPTHS, WALL LOCATIONS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELL #16 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #16 ENCOMPASSES STATIONS 527+75 TO 531+75.
5. WHERE BEDROCK WAS ENCOUNTERED LESS THAN 18-INCHES BELOW THE DESIGN RESTORATION GRADE IN THE RIVERBED, RIPRAP WAS OMITTED AND THE FINAL GRADE WAS ACHIEVED WITH FILTER MATERIAL. WHERE BEDROCK WAS ENCOUNTERED ABOVE THE DESIGN RESTORATION GRADE IN THE RIVERBED, BEDROCK WAS LEFT EXPOSED.

Hill engineers architects planners
50 Depot Street
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www.hillengineers.com

REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 527+75 TO 529+75

DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=10'
APV'D BY	

CAD CODE: CELL 16#17AB 1-12-07.DWG

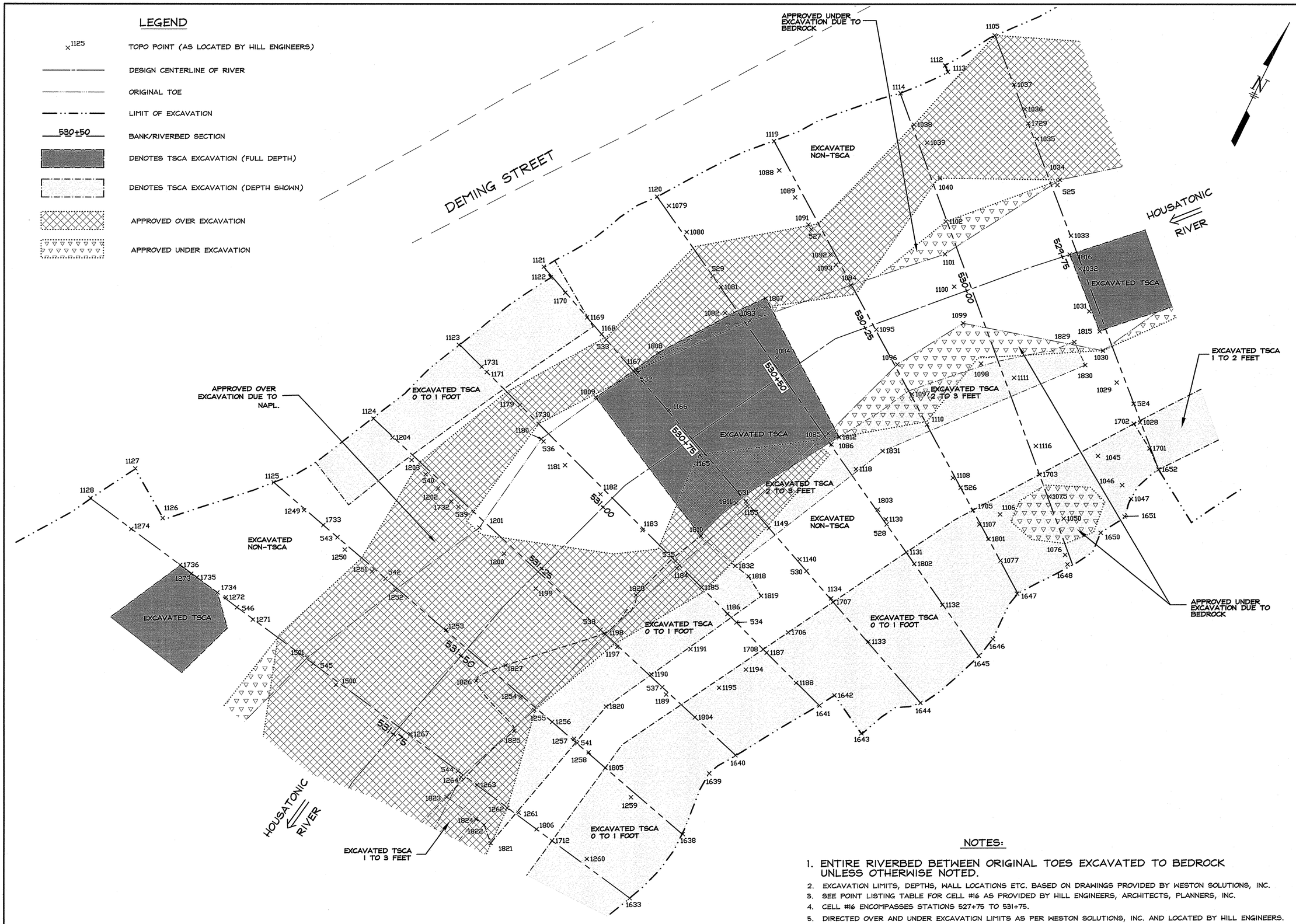
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-108	B

LEGEND

- TOPO POINT (AS LOCATED BY HILL ENGINEERS)
- DESIGN CENTERLINE OF RIVER
- ORIGINAL TOE
- LIMIT OF EXCAVATION
- 530+50 — BANK/RIVERBED SECTION
- DENOTES TSCA EXCAVATION (FULL DEPTH)
- DENOTES TSCA EXCAVATION (DEPTH SHOWN)
- APPROVED OVER EXCAVATION
- APPROVED UNDER EXCAVATION



NOTES:

1. ENTIRE RIVERBED BETWEEN ORIGINAL TOES EXCAVATED TO BEDROCK UNLESS OTHERWISE NOTED.
2. EXCAVATION LIMITS, DEPTHS, WALL LOCATIONS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELL #16 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #16 ENCOMPASSES STATIONS 527+75 TO 531+75.
5. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 529+75 TO 531+75

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=10'
APV'D BY	

CAD CODE: CELL 16#17AB 1-12-07.DWG

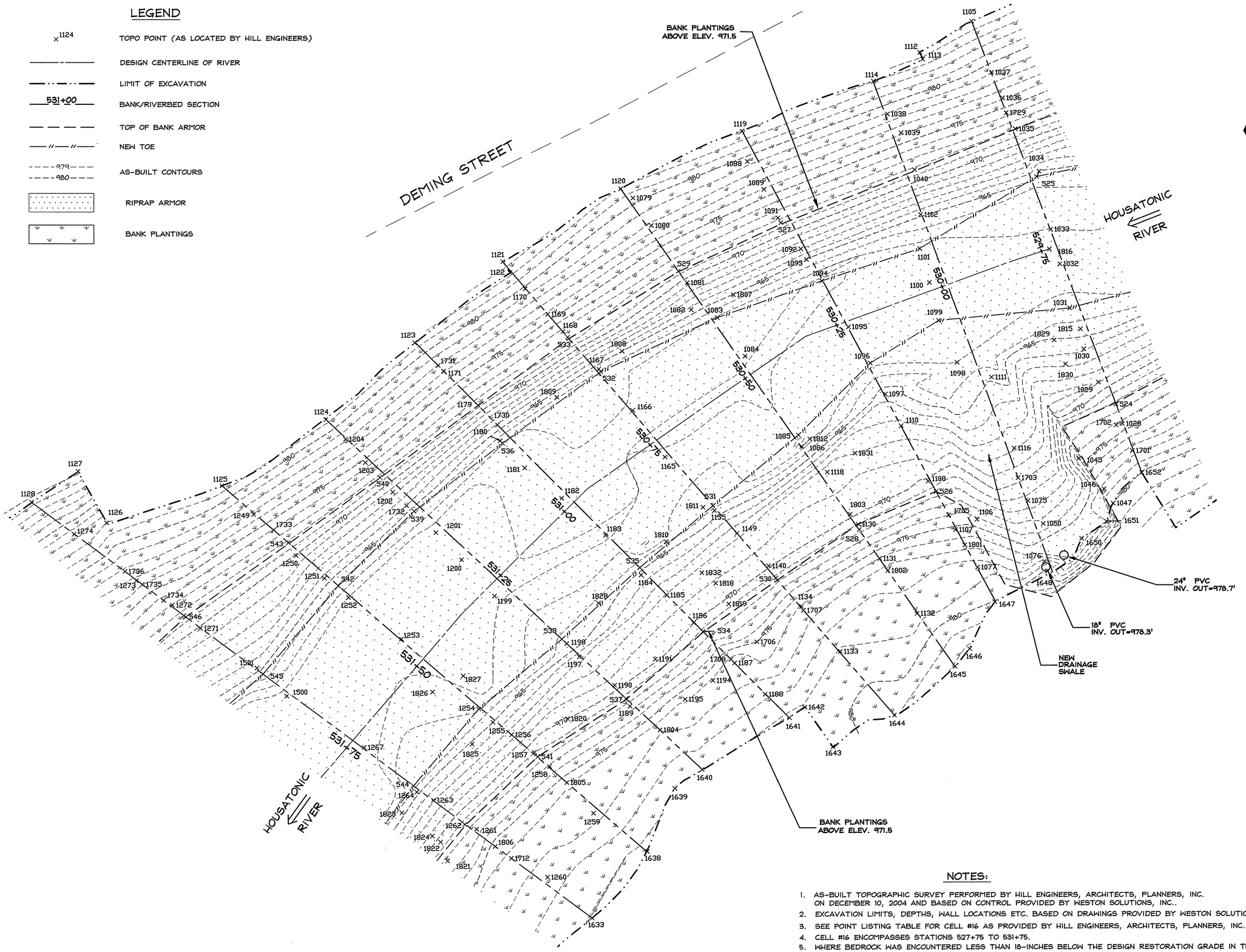
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-109	B

LEGEND

- ×1124 — TOPO POINT (AS LOCATED BY HILL ENGINEERS)
- DESIGN CENTERLINE OF RIVER
- LIMIT OF EXCAVATION
- 531+00 — BANK/RIVERBED SECTION
- TOP OF BANK ARMOR
- NEW TOE
- 979 / 980 — AS-BUILT CONTOURS
- RIPRAP ARMOR
- BANK PLANTINGS



NOTES:

1. AS-BUILT TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. ON DECEMBER 10, 2004 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. EXCAVATION LIMITS, DEPTHS, WALL LOCATIONS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELL #16 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #16 ENCOMPASSES STATIONS 527+75 TO 531+75.
5. WHERE BEDROCK WAS ENCOUNTERED LESS THAN 18-INCHES BELOW THE DESIGN RESTORATION GRADE IN THE RIVERBED, RIPRAP WAS OMITTED AND THE FINAL GRADE WAS ACHIEVED WITH FILTER MATERIAL. WHERE BEDROCK WAS ENCOUNTERED ABOVE THE DESIGN RESTORATION GRADE IN THE RIVERBED, BEDROCK WAS LEFT EXPOSED.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.

EAST BRANCH HOUSATONIC RIVER, PHASE 2

FROM ELM STREET BRIDGE, PITTSFIELD, MA.

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 529+75 TO 531+75

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=10'
APV'D BY	

CAD CODE: CELL 16#17AB 1-12-07.DWG

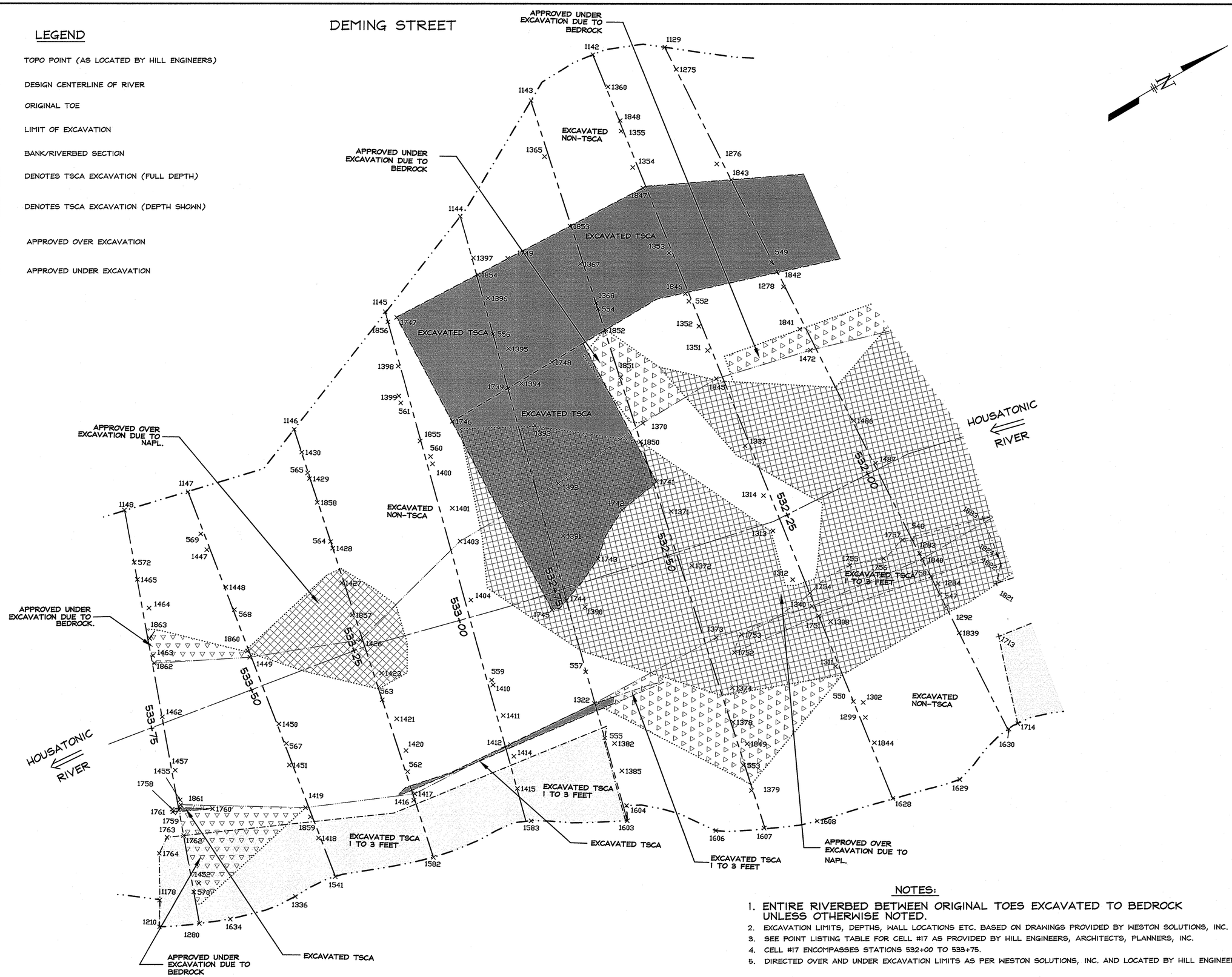
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-110	B

LEGEND

- ×1146 — TOPO POINT (AS LOCATED BY HILL ENGINEERS)
- DESIGN CENTERLINE OF RIVER
- ORIGINAL TOE
- LIMIT OF EXCAVATION
- 533+00 — BANK/RIVERBED SECTION
- DENOTES TSCA EXCAVATION (FULL DEPTH)
- DENOTES TSCA EXCAVATION (DEPTH SHOWN)
- APPROVED OVER EXCAVATION
- APPROVED UNDER EXCAVATION



NOTES:

1. ENTIRE RIVERBED BETWEEN ORIGINAL TOES EXCAVATED TO BEDROCK UNLESS OTHERWISE NOTED.
2. EXCAVATION LIMITS, DEPTHS, WALL LOCATIONS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELL #17 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #17 ENCOMPASSES STATIONS 532+00 TO 533+75.
5. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 532+00 TO 533+75

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=10'
APV'D BY	

CAD CODE: CELL 16#17AB 1-12-07.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-111	B

LEGEND

- ×1144 — TOPO POINT (AS LOCATED BY HILL ENGINEERS)
- DESIGN CENTERLINE OF RIVER
- LIMIT OF EXCAVATION
- 533+00 — BANK/RIVERBED SECTION
- TOP OF BANK ARMOR
- NEW TOE
- 979 / 980 — AS-BUILT CONTOURS
- RIPRAP ARMOR
- BANK PLANTINGS

DEMING STREET

NOTES:

1. AS-BUILT TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. ON DECEMBER 10, 2004 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC..
2. EXCAVATION LIMITS, DEPTHS, WALL LOCATIONS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELL #17 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #17 ENCOMPASSES STATIONS 532+00 TO 533+75.
5. WHERE BEDROCK WAS ENCOUNTERED LESS THAN 18-INCHES BELOW THE DESIGN RESTORATION GRADE IN THE RIVERBED, RIPRAP WAS OMITTED AND THE FINAL GRADE WAS ACHIEVED WITH FILTER MATERIAL. WHERE BEDROCK WAS ENCOUNTERED ABOVE THE DESIGN RESTORATION GRADE IN THE RIVERBED, BEDROCK WAS LEFT EXPOSED.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 532+00 TO 533+75

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=10'
APV'D BY	

CAD CODE: CELL 16417AB 1-12-07.DWG

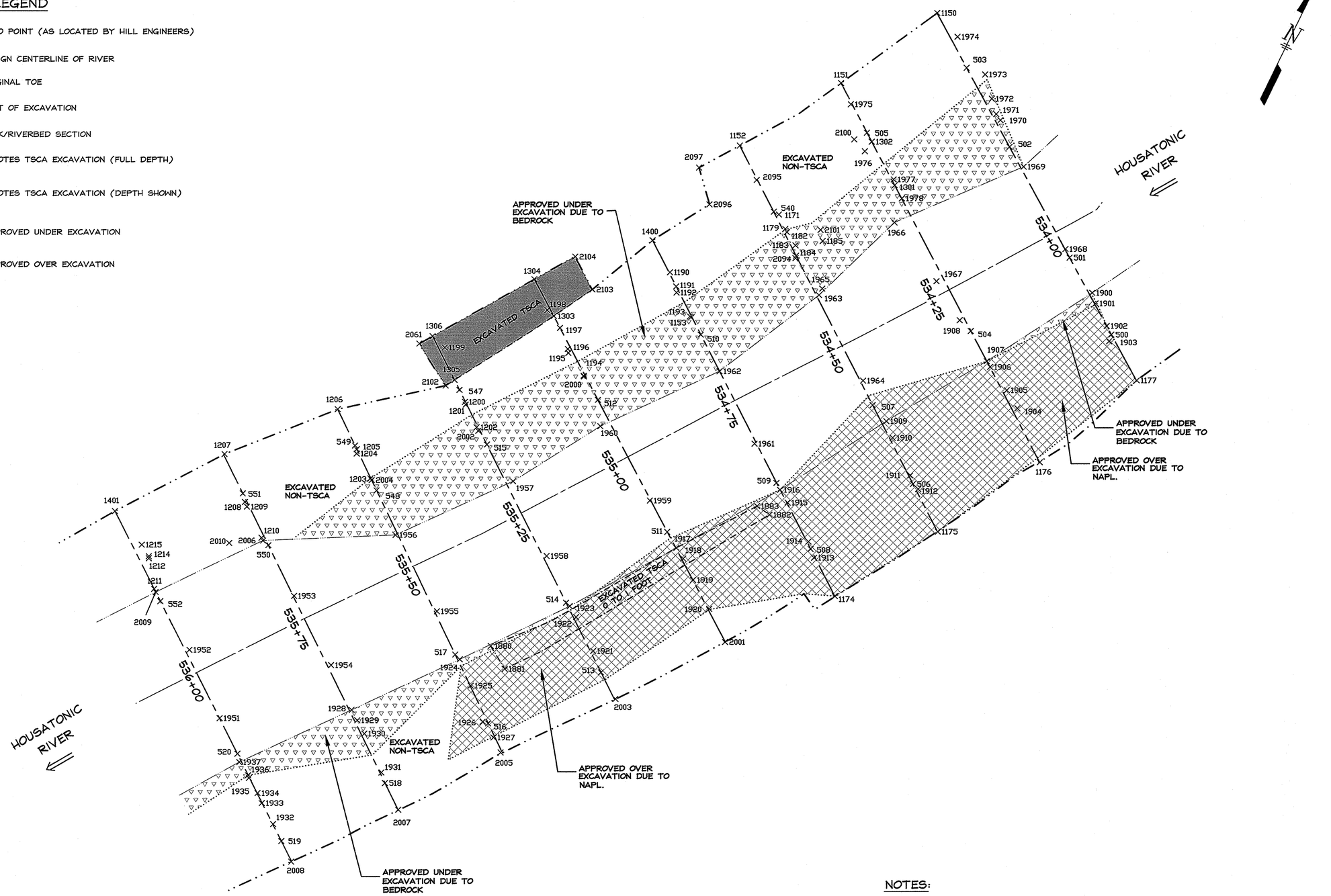
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-112	B

LEGEND

- TOPO POINT (AS LOCATED BY HILL ENGINEERS)
- DESIGN CENTERLINE OF RIVER
- ORIGINAL TOE
- LIMIT OF EXCAVATION
- 535+25 BANK/RIVERBED SECTION
- DENOTES TSCA EXCAVATION (FULL DEPTH)
- DENOTES TSCA EXCAVATION (DEPTH SHOWN)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION



NOTES:

1. ENTIRE RIVERBED BETWEEN ORIGINAL TOES EXCAVATED TO BEDROCK UNLESS OTHERWISE NOTED.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #18 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #18 ENCOMPASSES STATIONS 534+00 TO 536+00.
5. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-11-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 534+00 TO 536+00

DRAWN BY	TMA
DATE DRAWN	3-11-05
SCALE	1"=10'
APV'D BY	

CAD CODE: CELL 18&19 AS-BUILTS.DWG

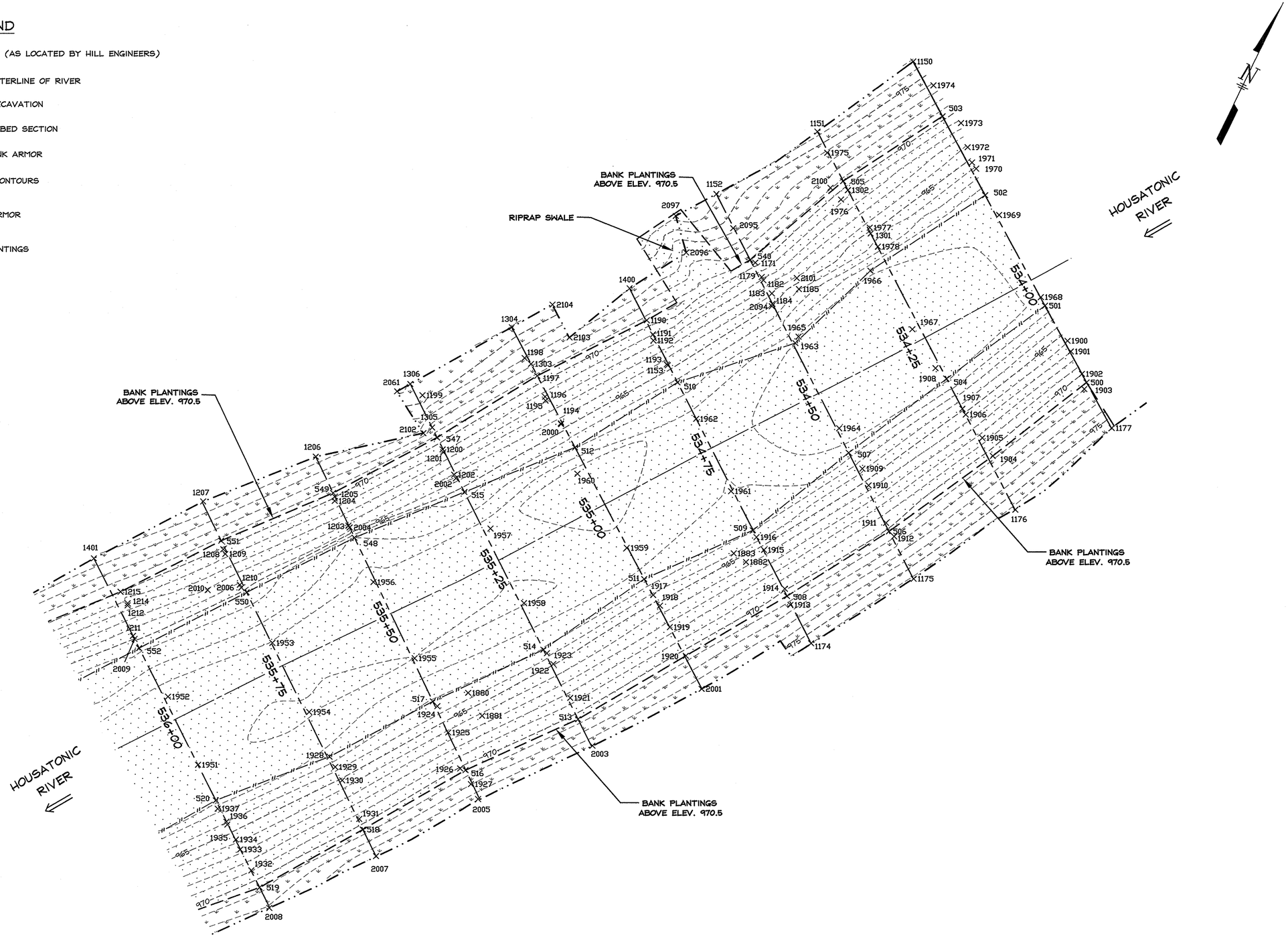
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-113	B

LEGEND

- TOPO POINT (AS LOCATED BY HILL ENGINEERS)
- DESIGN CENTERLINE OF RIVER
- LIMIT OF EXCAVATION
- 534+00 BANK/RIVERBED SECTION
- TOP OF BANK ARMOR
- 979 / 980 AS-BUILT CONTOURS
- RIPRAP ARMOR
- BANK PLANTINGS
- NEW TOE



NOTES:

1. AS-BUILT TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. OCTOBER, 2004 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 #18 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #18 ENCOMPASSES STATIONS 534+00 TO 536+00.
5. WHERE BEDROCK WAS ENCOUNTERED LESS THAN 18-INCHES BELOW THE DESIGN RESTORATION GRADE IN THE RIVERBED, RIPRAP WAS OMITTED AND THE FINAL GRADE WAS ACHIEVED WITH FILTER MATERIAL. WHERE BEDROCK WAS ENCOUNTERED ABOVE THE DESIGN RESTORATION GRADE IN THE RIVERBED, BEDROCK WAS LEFT EXPOSED.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-11-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 534+00 TO 536+00

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWN BY	TMA
DATE DRAWN	3-11-05
SCALE	1"=10'
APV'D BY	

CAD CODE: CELL 18#19 AS-BUILTS.DWG

GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-114	B

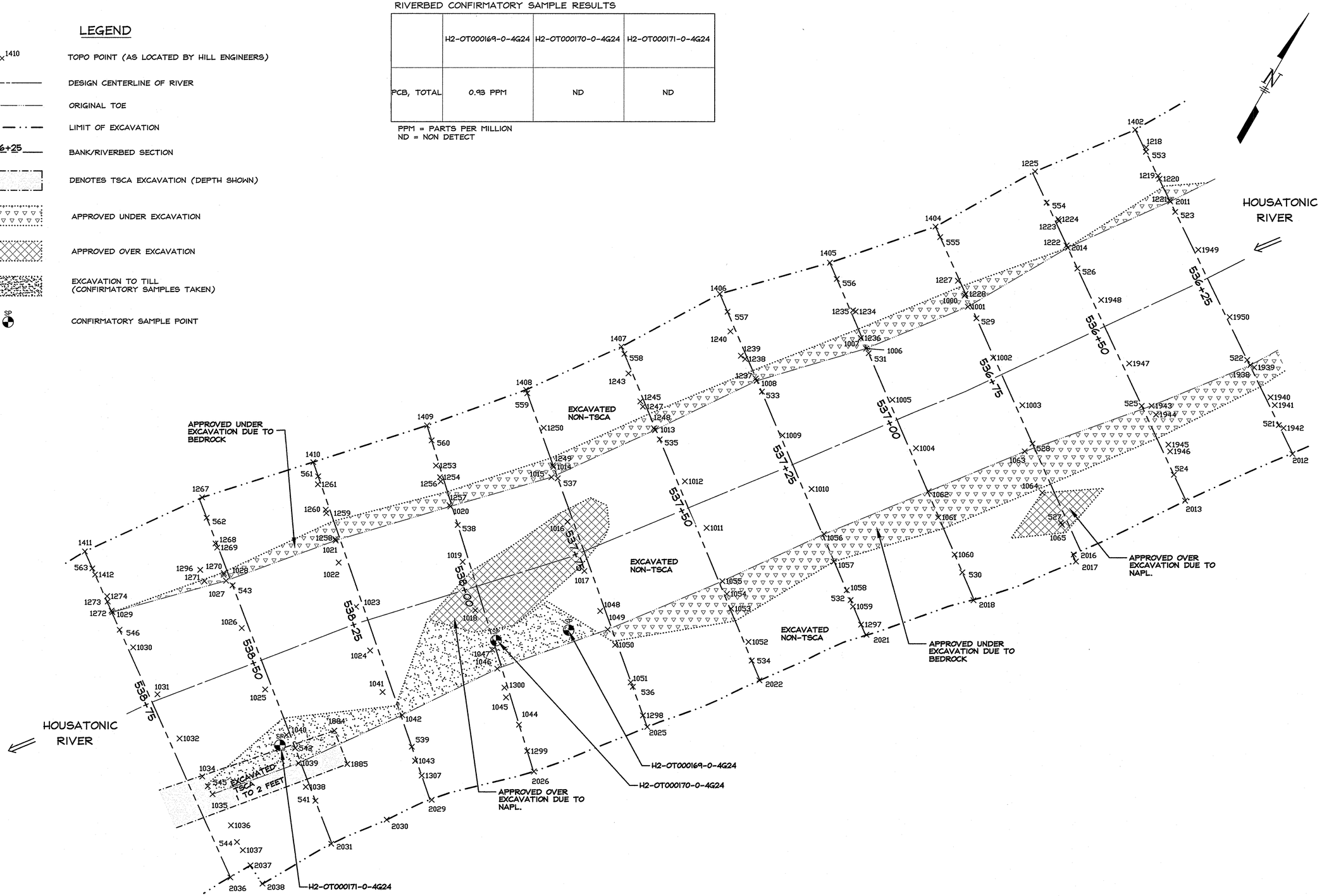
LEGEND

- TOPO POINT (AS LOCATED BY HILL ENGINEERS)
- DESIGN CENTERLINE OF RIVER
- ORIGINAL TOE
- LIMIT OF EXCAVATION
- 536+25 — BANK/RIVERBED SECTION
- DENOTES TSCA EXCAVATION (DEPTH SHOWN)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION
- EXCAVATION TO TILL (CONFIRMATORY SAMPLES TAKEN)
- SP — CONFIRMATORY SAMPLE POINT

RIVERBED CONFIRMATORY SAMPLE RESULTS

	H2-OT000169-0-4G24	H2-OT000170-0-4G24	H2-OT000171-0-4G24
PCB, TOTAL	0.93 PPM	ND	ND

PPM = PARTS PER MILLION
ND = NON DETECT



NOTES:

1. ENTIRE RIVERBED BETWEEN ORIGINAL TOES EXCAVATED TO BEDROCK UNLESS OTHERWISE NOTED.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELL #19 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #19 ENCOMPASSES STATIONS 536+25 TO 538+75.
5. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-11-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 536+25 TO 538+75

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWN BY	TMA
DATE DRAWN	3-11-05
SCALE	1"=10'
APV'D BY	

CAD CODE: CELL 18&19 AS-BUILTS.DWG

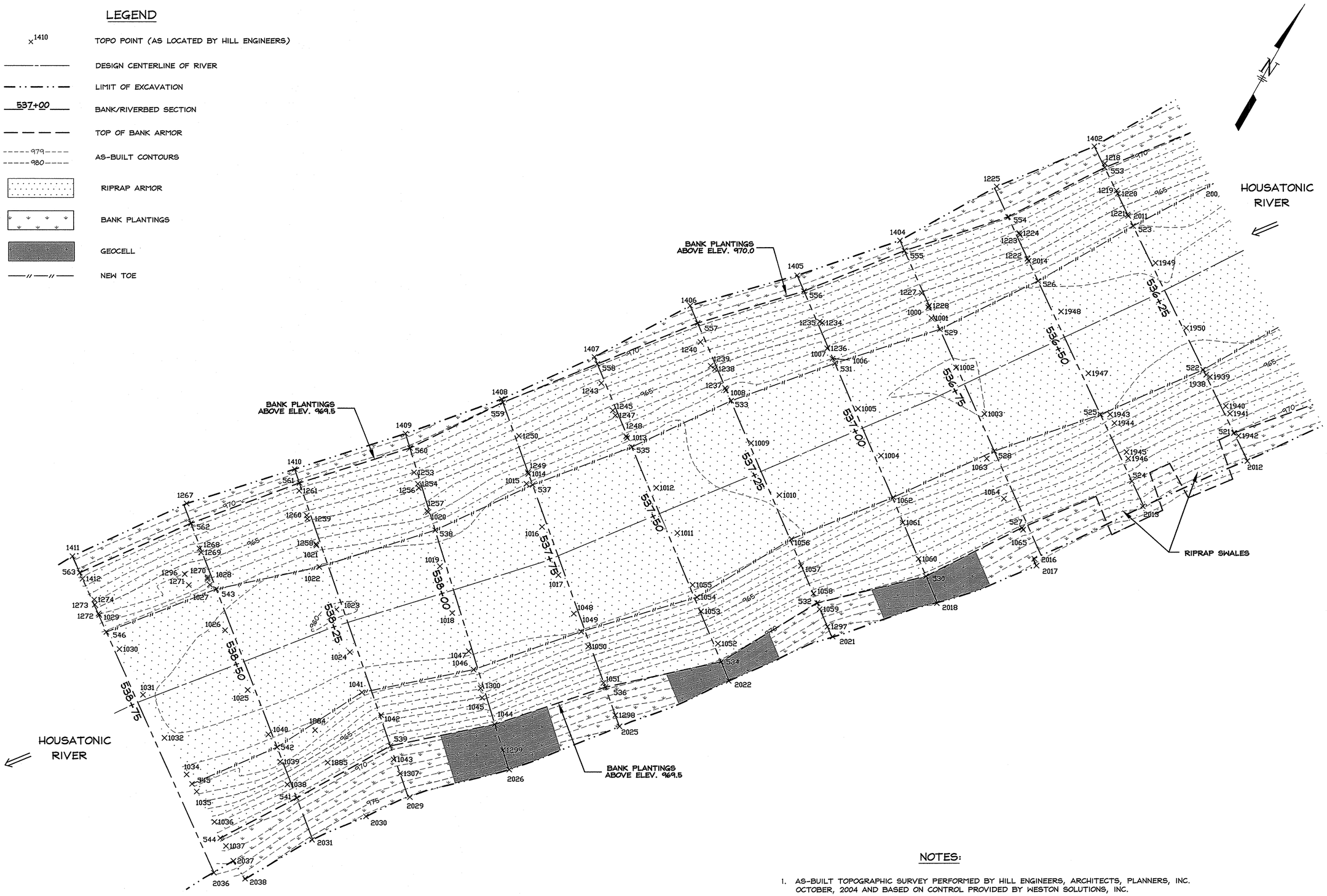
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-115	B

LEGEND

- TOPO POINT (AS LOCATED BY HILL ENGINEERS)
- DESIGN CENTERLINE OF RIVER
- LIMIT OF EXCAVATION
- 537+00 BANK/RIVERBED SECTION
- TOP OF BANK ARMOR
- 979 / 980 AS-BUILT CONTOURS
- RIPRAP ARMOR
- BANK PLANTINGS
- GEOCELL
- NEW TOE



NOTES:

1. AS-BUILT TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. OCTOBER, 2004 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 #19 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #19 ENCOMPASSES STATIONS 536+25 TO 538+75.
5. WHERE BEDROCK WAS ENCOUNTERED LESS THAN 18-INCHES BELOW THE DESIGN RESTORATION GRADE IN THE RIVERBED, RIPRAP WAS OMITTED AND THE FINAL GRADE WAS ACHIEVED WITH FILTER MATERIAL. WHERE BEDROCK WAS ENCOUNTERED ABOVE THE DESIGN RESTORATION GRADE IN THE RIVERBED, BEDROCK WAS LEFT EXPOSED.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-11-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA.

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 536+25 TO 538+75

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWN BY	TMA
DATE DRAWN	3-11-05
SCALE	1"=10'
APV'D BY	

CAD CODE: CELL 18&19 AS-BUILTS.DWG

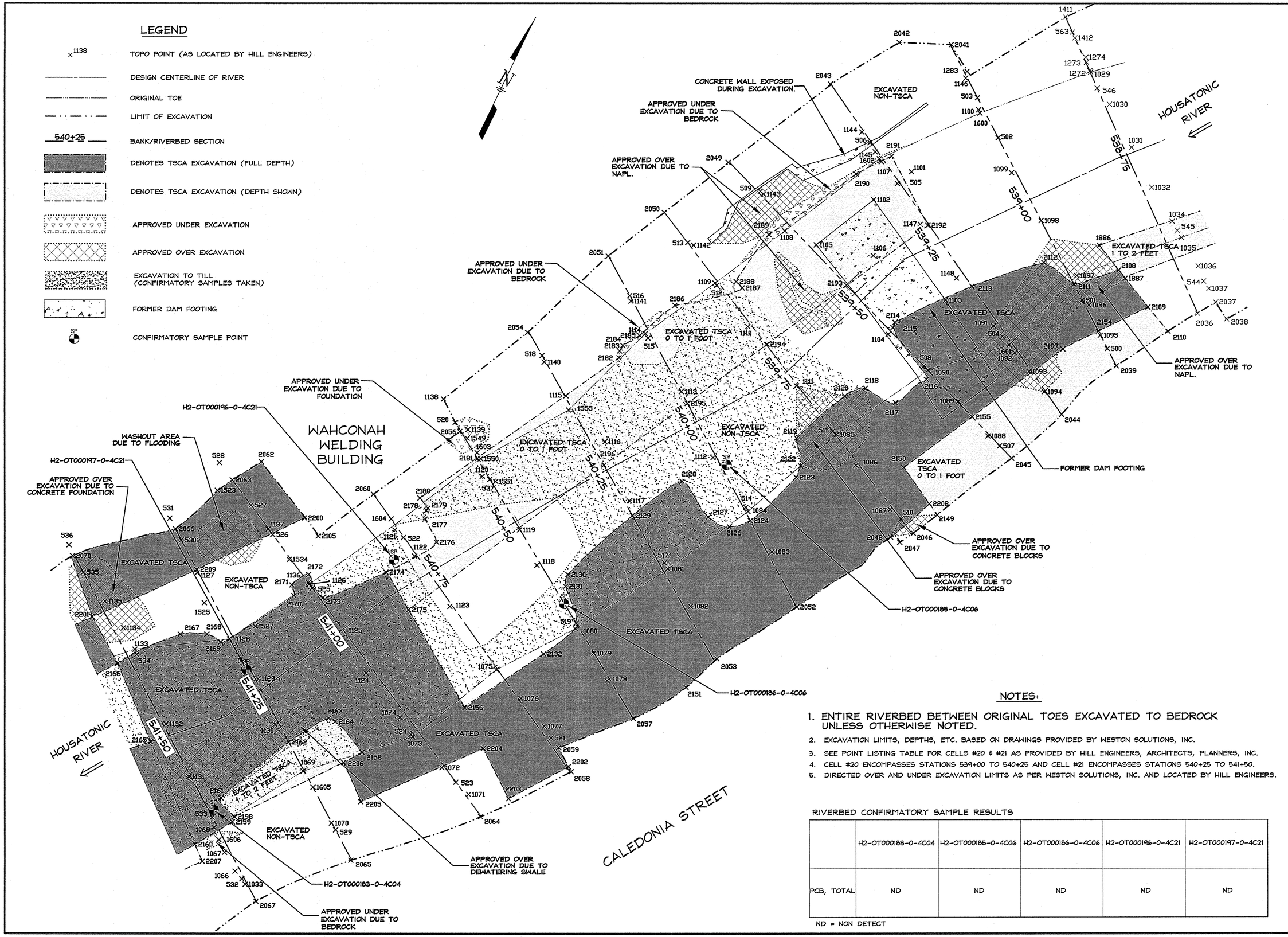
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-116	B

LEGEND

- TOPO POINT (AS LOCATED BY HILL ENGINEERS)
- DESIGN CENTERLINE OF RIVER
- ORIGINAL TOE
- LIMIT OF EXCAVATION
- 540+25 — BANK/RIVERBED SECTION
- DENOTES TSCA EXCAVATION (FULL DEPTH)
- DENOTES TSCA EXCAVATION (DEPTH SHOWN)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION
- EXCAVATION TO TILL (CONFIRMATORY SAMPLES TAKEN)
- FORMER DAM FOOTING
- SP — CONFIRMATORY SAMPLE POINT



NOTES:

1. ENTIRE RIVERBED BETWEEN ORIGINAL TOES EXCAVATED TO BEDROCK UNLESS OTHERWISE NOTED.
2. EXCAVATION LIMITS, DEPTHS, ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #20 & #21 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #20 ENCOMPASSES STATIONS 539+00 TO 540+25 AND CELL #21 ENCOMPASSES STATIONS 540+25 TO 541+50.
5. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS.

RIVERBED CONFIRMATORY SAMPLE RESULTS

	H2-OT000183-0-4C04	H2-OT000185-0-4C06	H2-OT000186-0-4C06	H2-OT000196-0-4C21	H2-OT000197-0-4C21
PCB, TOTAL	ND	ND	ND	ND	ND

ND = NON DETECT

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-14-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 538+75 TO 541+50

DRAWN BY	TMA
DATE DRAWN	3-14-05
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILTS_3-1-05.DWG

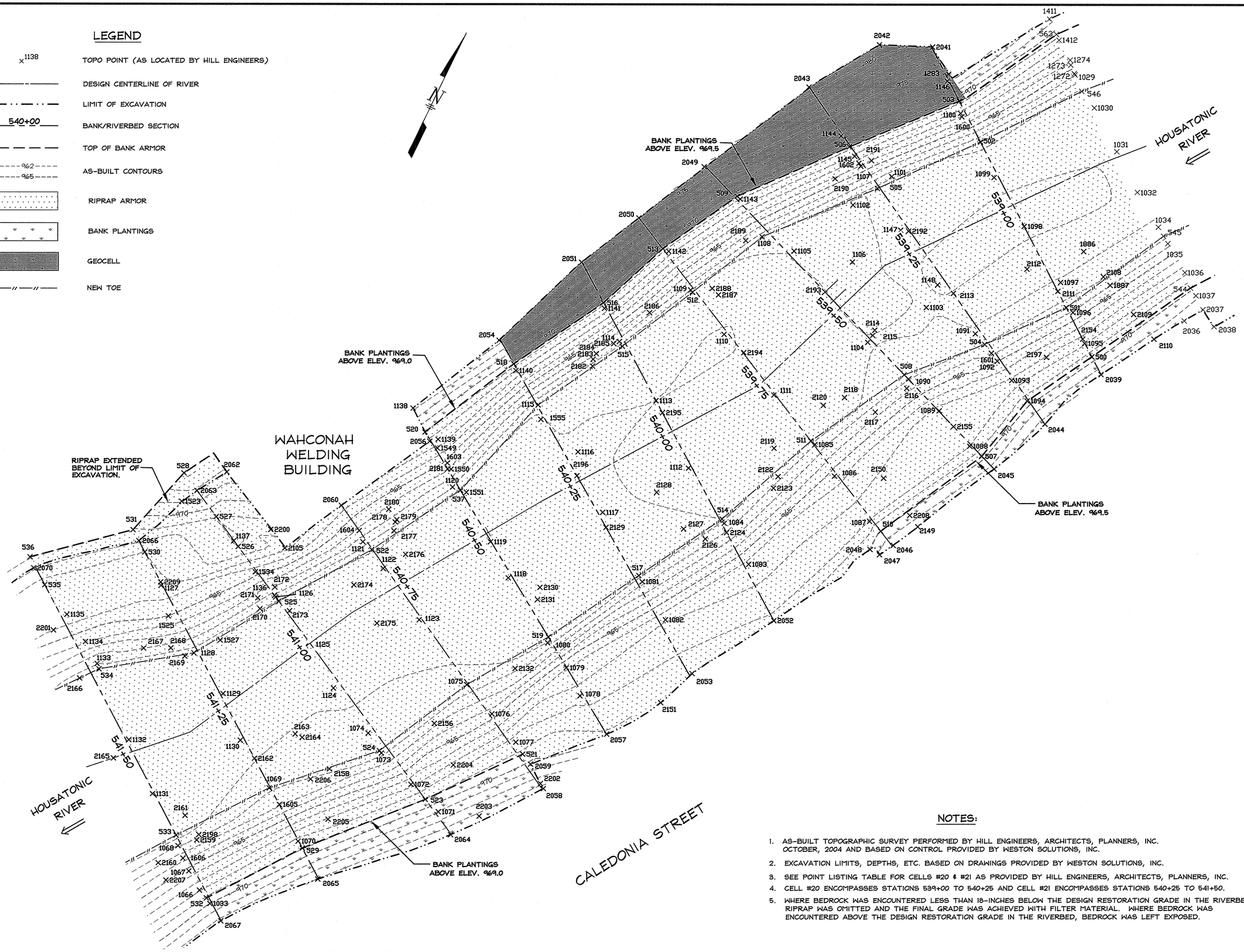
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-117	B

LEGEND

- TOPO POINT (AS LOCATED BY HILL ENGINEERS)
- DESIGN CENTERLINE OF RIVER
- LIMIT OF EXCAVATION
- 540+00 BANK/RIVERBED SECTION
- TOP OF BANK ARMOR
- 962 / 965 AS-BUILT CONTOURS
- RIPRAP ARMOR
- BANK PLANTINGS
- GEOCELL
- NEW TOE



NOTES:

1. AS-BUILT TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. OCTOBER, 2004 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 #20 & #21 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #20 ENCOMPASSES STATIONS 539+00 TO 540+25 AND CELL #21 ENCOMPASSES STATIONS 540+25 TO 541+50.
5. WHERE BEDROCK WAS ENCOUNTERED LESS THAN 18-INCHES BELOW THE DESIGN RESTORATION GRADE IN THE RIVERBED, RIPRAP WAS OMITTED AND THE FINAL GRADE WAS ACHIEVED WITH FILTER MATERIAL. WHERE BEDROCK WAS ENCOUNTERED ABOVE THE DESIGN RESTORATION GRADE IN THE RIVERBED, BEDROCK WAS LEFT EXPOSED.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-14-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 538+75 TO 541+50

DRAWN BY	TMA
DATE DRAWN	3-14-05
SCALE	1"=10'
APV'D BY	

CAD CODE: AS-BUILTS_3-1-05.DWG

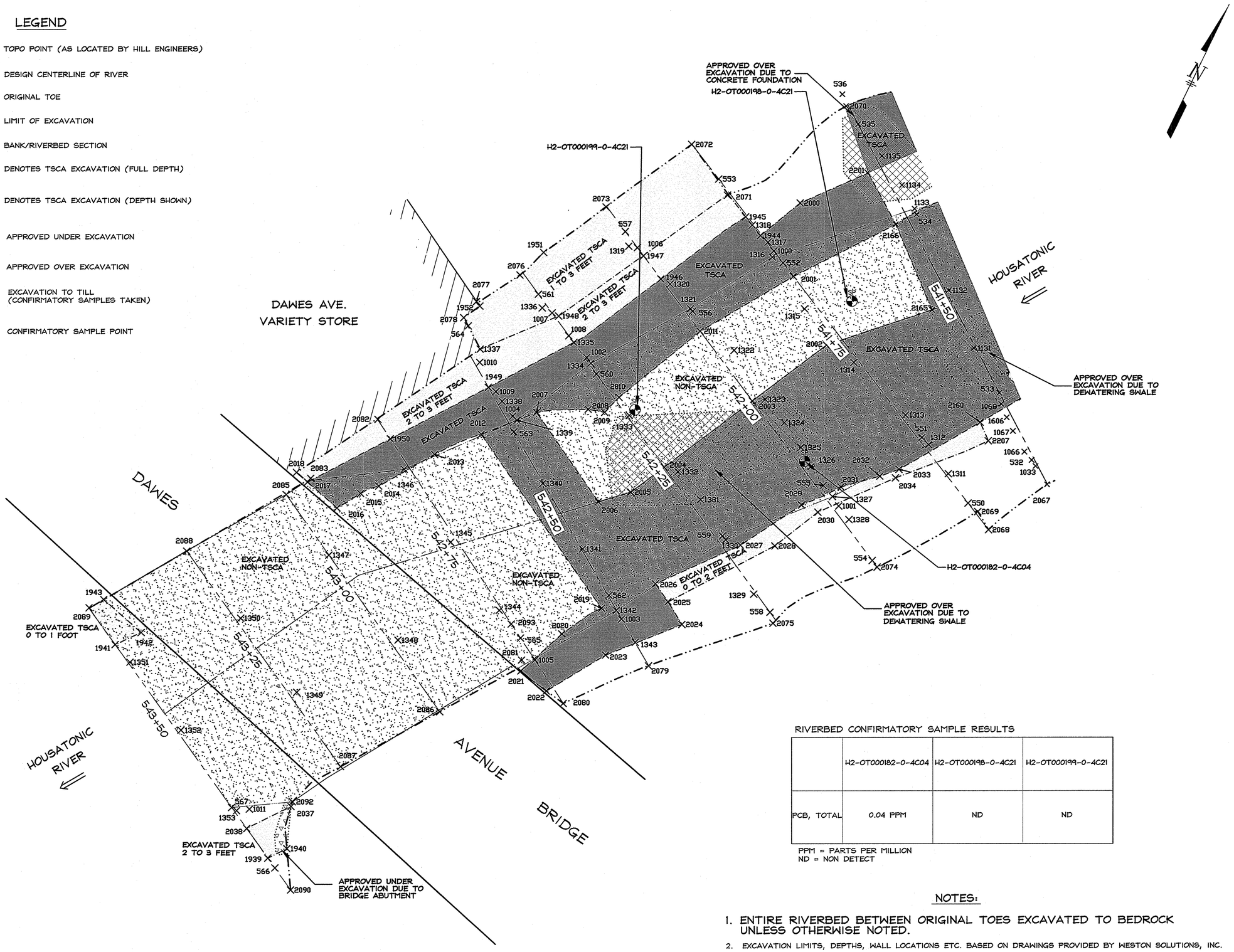
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-118	B

LEGEND

- ×1052 — TOPO POINT (AS LOCATED BY HILL ENGINEERS)
- DESIGN CENTERLINE OF RIVER
- ORIGINAL TOE
- LIMIT OF EXCAVATION
- 542+25 — BANK/RIVERBED SECTION
- DENOTES TSCA EXCAVATION (FULL DEPTH)
- DENOTES TSCA EXCAVATION (DEPTH SHOWN)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION
- EXCAVATION TO TILL (CONFIRMATORY SAMPLES TAKEN)
- SP — CONFIRMATORY SAMPLE POINT



RIVERBED CONFIRMATORY SAMPLE RESULTS

	H2-OT000182-0-4C04	H2-OT000198-0-4C21	H2-OT000199-0-4C21
PCB, TOTAL	0.04 PPM	ND	ND

PPM = PARTS PER MILLION
ND = NON DETECT

NOTES:

1. ENTIRE RIVERBED BETWEEN ORIGINAL TOES EXCAVATED TO BEDROCK UNLESS OTHERWISE NOTED.
2. EXCAVATION LIMITS, DEPTHS, WALL LOCATIONS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #22 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #22 ENCOMPASSES STATIONS 541+75 TO 543+50.
5. DIRECTED OVER AND UNDER EXCAVATION LIMITS AS PER WESTON SOLUTIONS, INC. AND LOCATED BY HILL ENGINEERS.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-15-05
B	GENERAL RAVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT EXCAVATION PLAN STATIONS 541+75 TO 543+50

DRAWN BY	TMA
DATE DRAWN	3-15-05
SCALE	1"=10'
APV'D BY	

CAD CODE: AS_BUILT.DWG

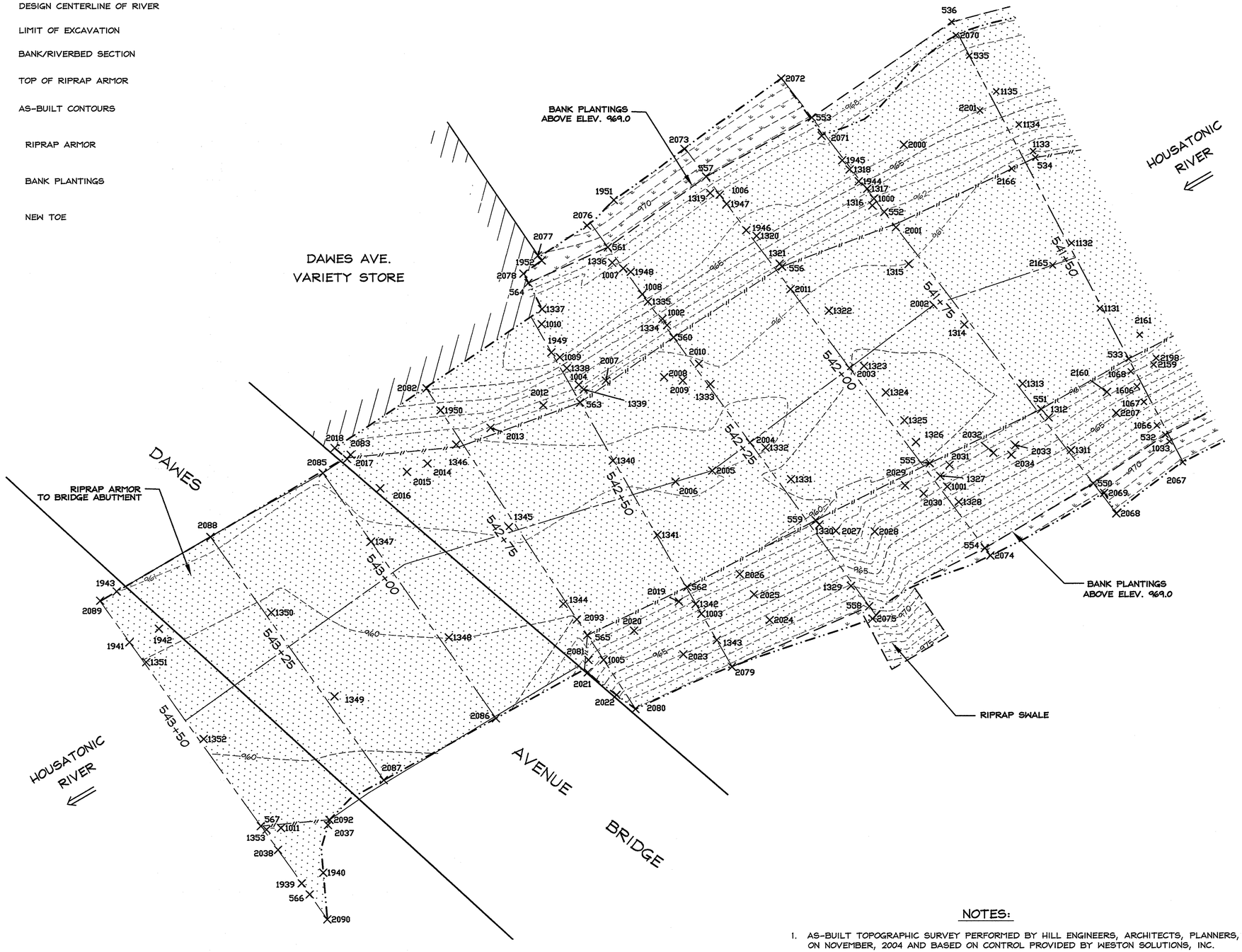
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-119	B

LEGEND

×2088	TOPO POINT (AS LOCATED BY HILL ENGINEERS)
	DESIGN CENTERLINE OF RIVER
	LIMIT OF EXCAVATION
542+25	BANK/RIVERBED SECTION
	TOP OF RIPRAP ARMOR
964 / 965	AS-BUILT CONTOURS
	RIPRAP ARMOR
	BANK PLANTINGS
	NEW TOE



NOTES:

1. AS-BUILT TOPOGRAPHIC SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. ON NOVEMBER, 2004 AND BASED ON CONTROL PROVIDED BY WESTON SOLUTIONS, INC.
2. EXCAVATION LIMITS, DEPTHS, WALL LOCATIONS ETC. BASED ON DRAWINGS PROVIDED BY WESTON SOLUTIONS, INC.
3. SEE POINT LISTING TABLE FOR CELLS #22 AS PROVIDED BY HILL ENGINEERS, ARCHITECTS, PLANNERS, INC.
4. CELL #22 ENCOMPASSES STATIONS 541+75 TO 543+50.
5. WHERE BEDROCK WAS ENCOUNTERED LESS THAN 18-INCHES BELOW THE DESIGN RESTORATION GRADE IN THE RIVERBED, RIPRAP WAS OMITTED AND THE FINAL GRADE WAS ACHIEVED WITH FILTER MATERIAL. WHERE BEDROCK WAS ENCOUNTERED ABOVE THE DESIGN RESTORATION GRADE IN THE RIVERBED, BEDROCK WAS LEFT EXPOSED.

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-15-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT RESTORATION PLAN STATIONS 541+75 TO 543+50

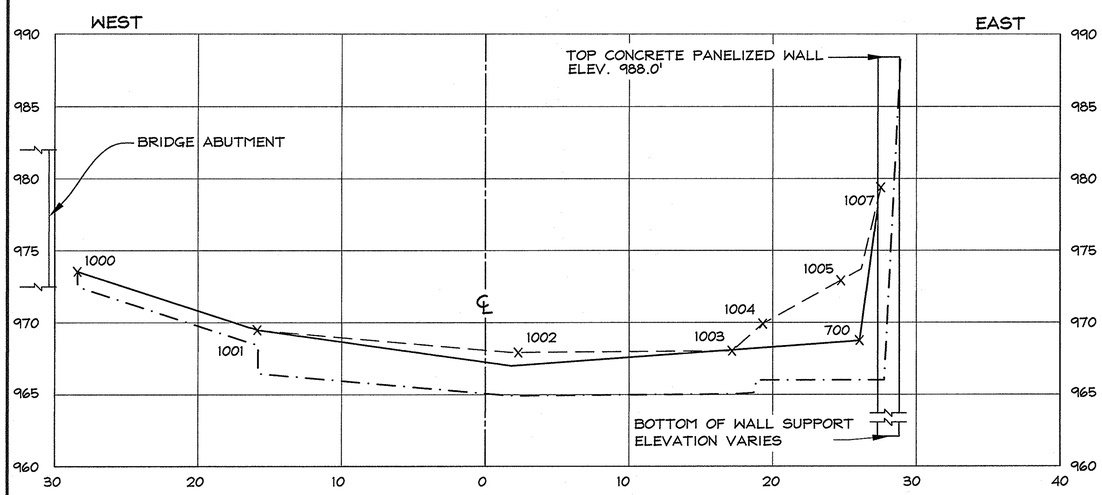
DRAWN BY	TMA
DATE DRAWN	3-15-05
SCALE	1"=10'
APV'D BY	

CAD CODE: AS_BUILT.DWG

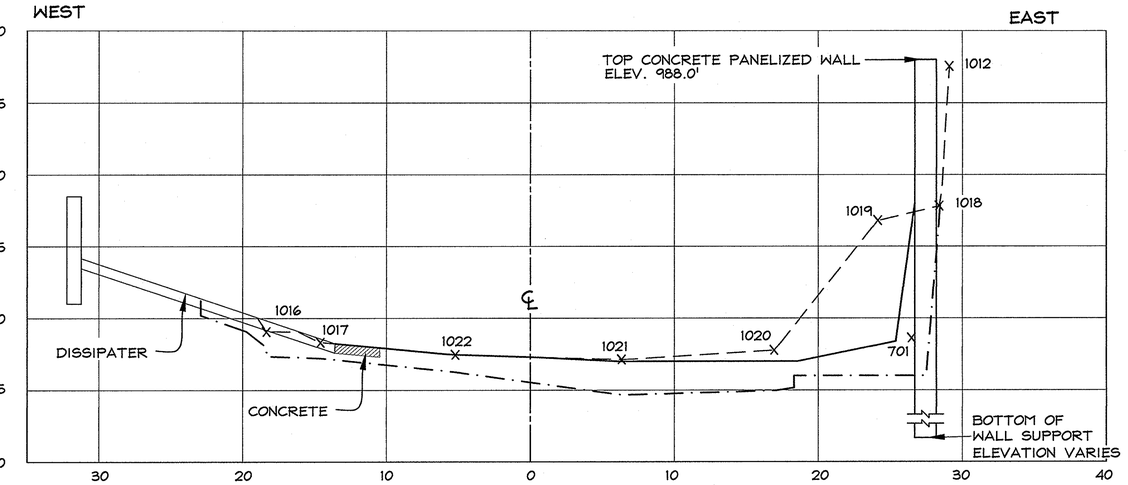
GRAPHIC SCALE: 0 10 20

PROJECT NUMBER: SRV-758-43

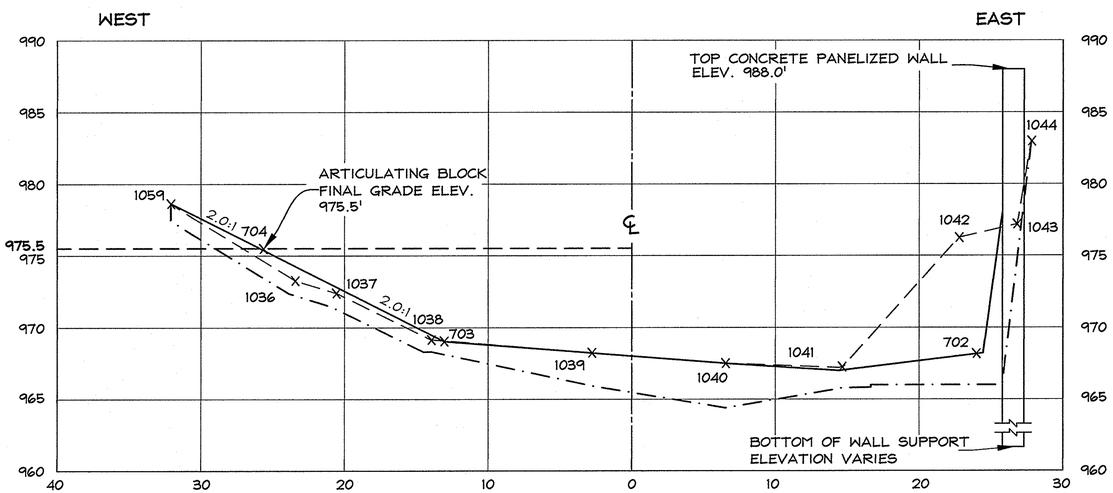
DRAWING NUMBER	REV.
C-120	B



STA. 522+30



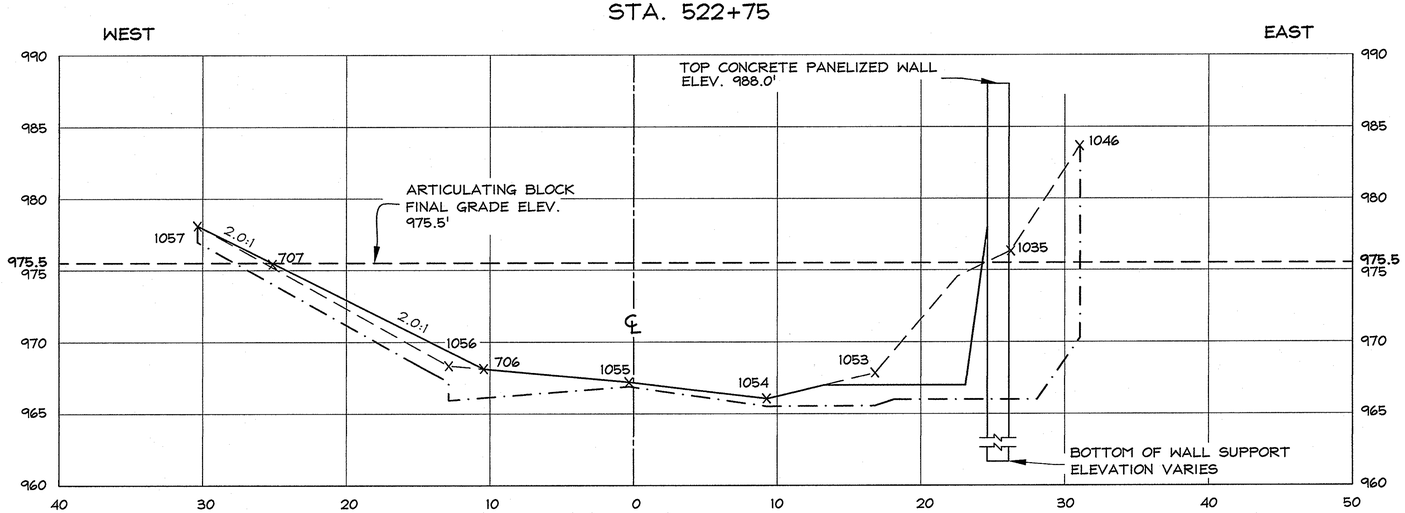
STA. 522+50



STA. 522+75

SECTION LEGEND

- EXISTING ELEV. (HILL 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1040 HILL TOPO POINT



STA. 523+00

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 522+30 TO 523+00

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

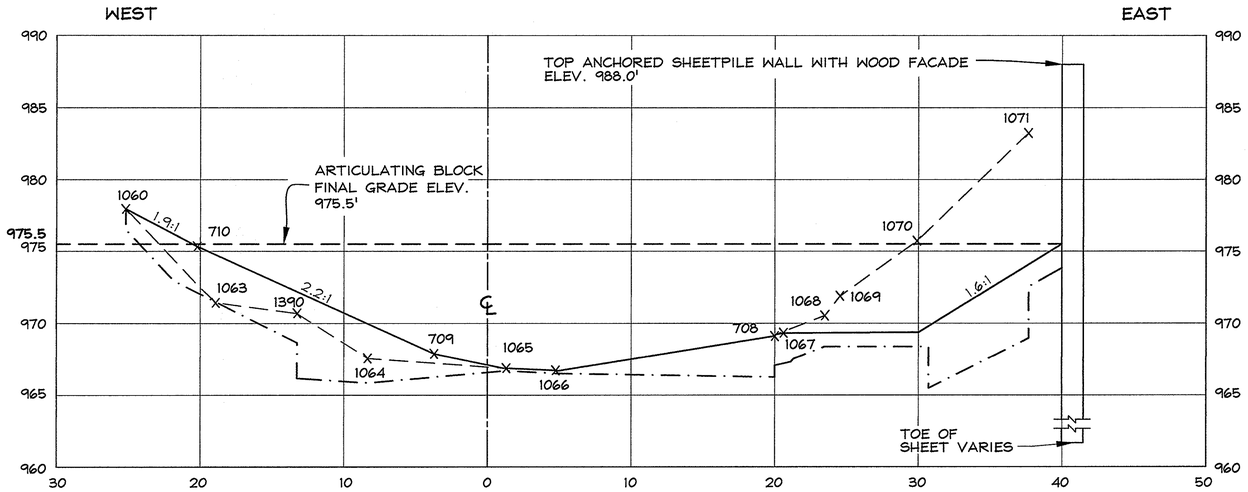
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 14 & 15.DWG

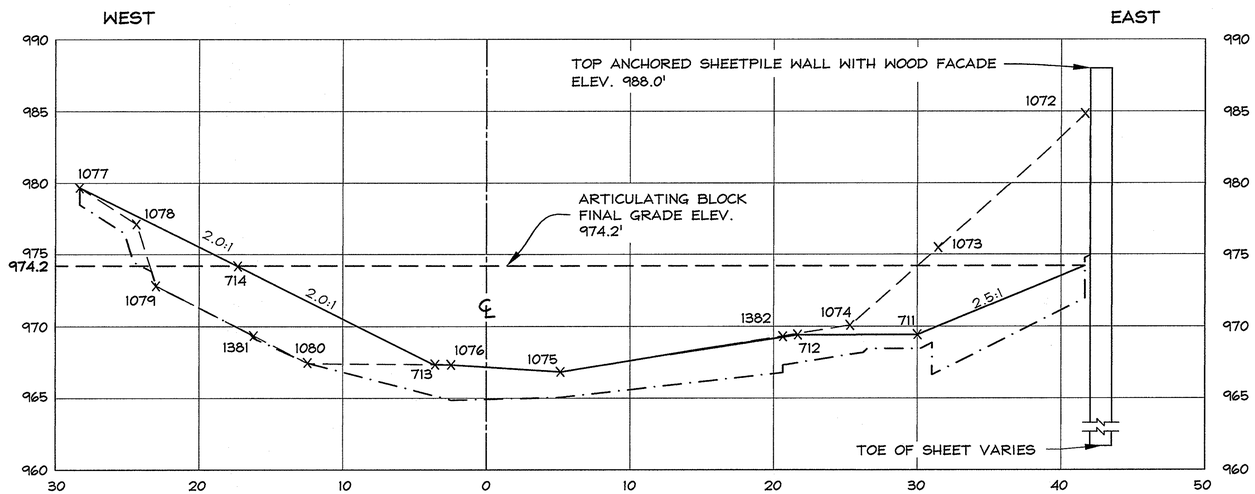
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

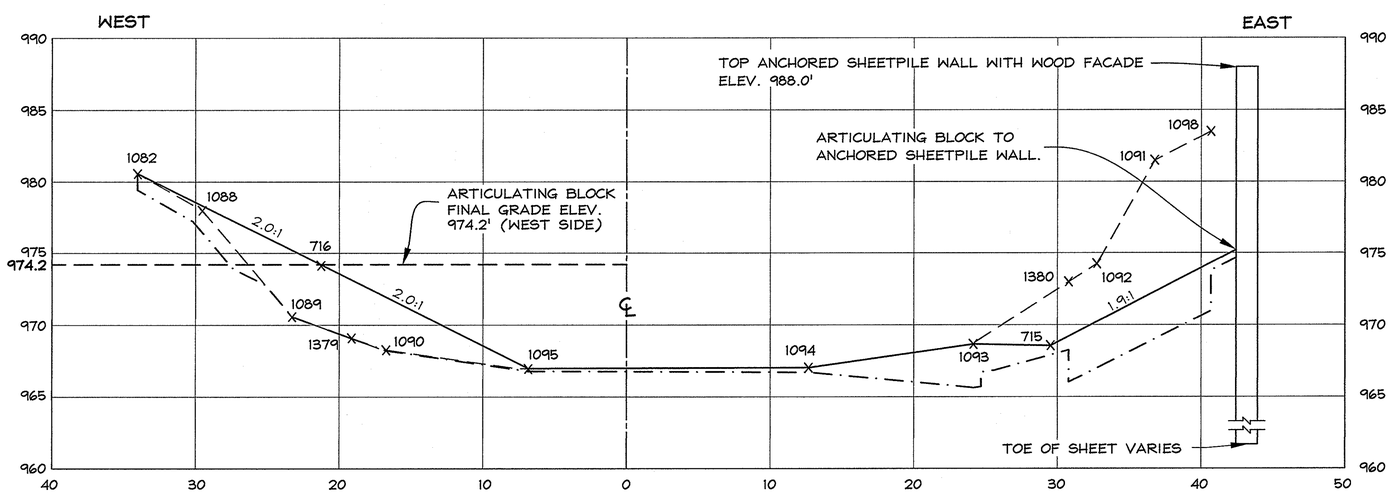
DRAWING NUMBER	REV.
C-301	B



STA. 523+25



STA. 523+50



STA. 523+75

SECTION LEGEND

— — — —	EXISTING ELEV. (HILL 2003)
—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
x 1073	HILL TOPO POINT

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 523+25 TO 523+75

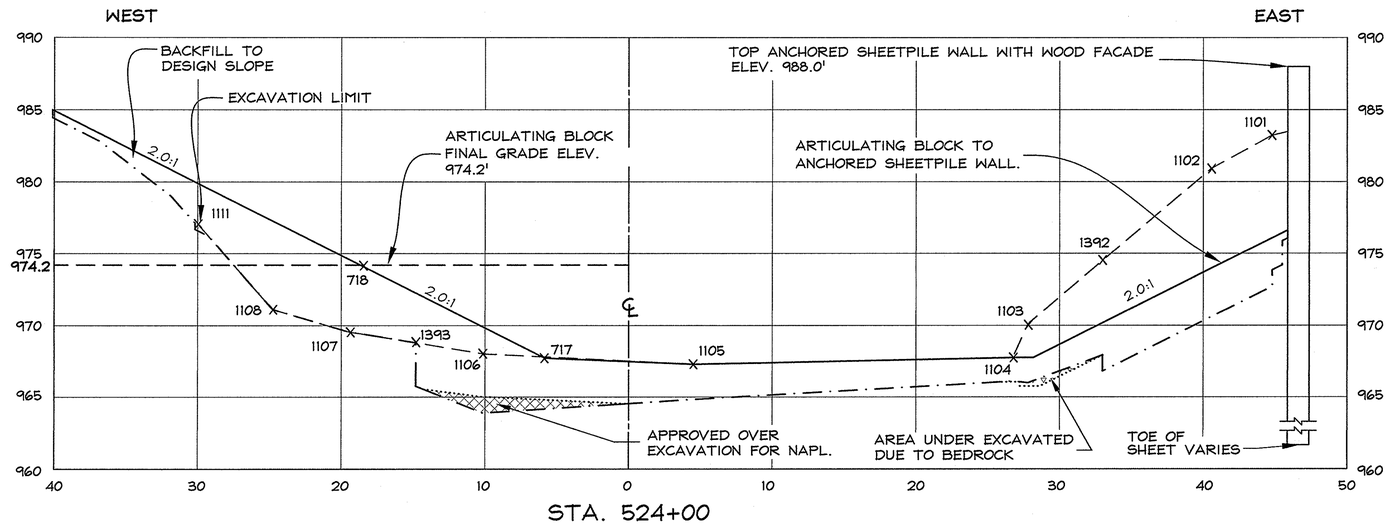
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 14 & 15.DWG

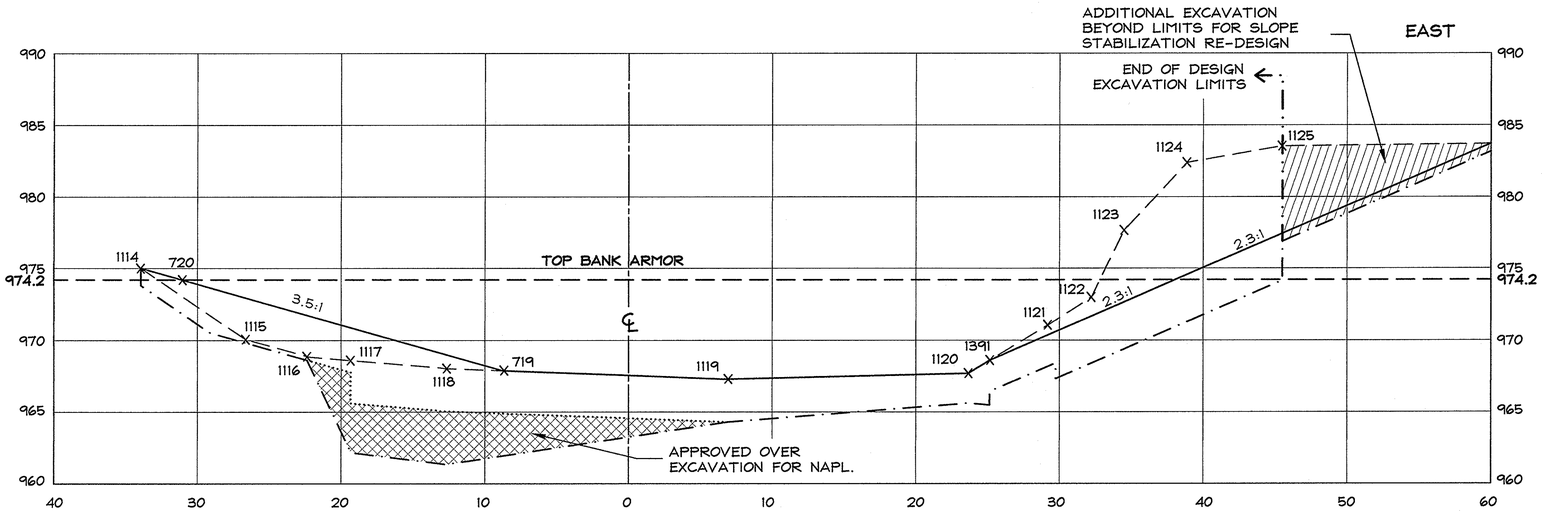
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

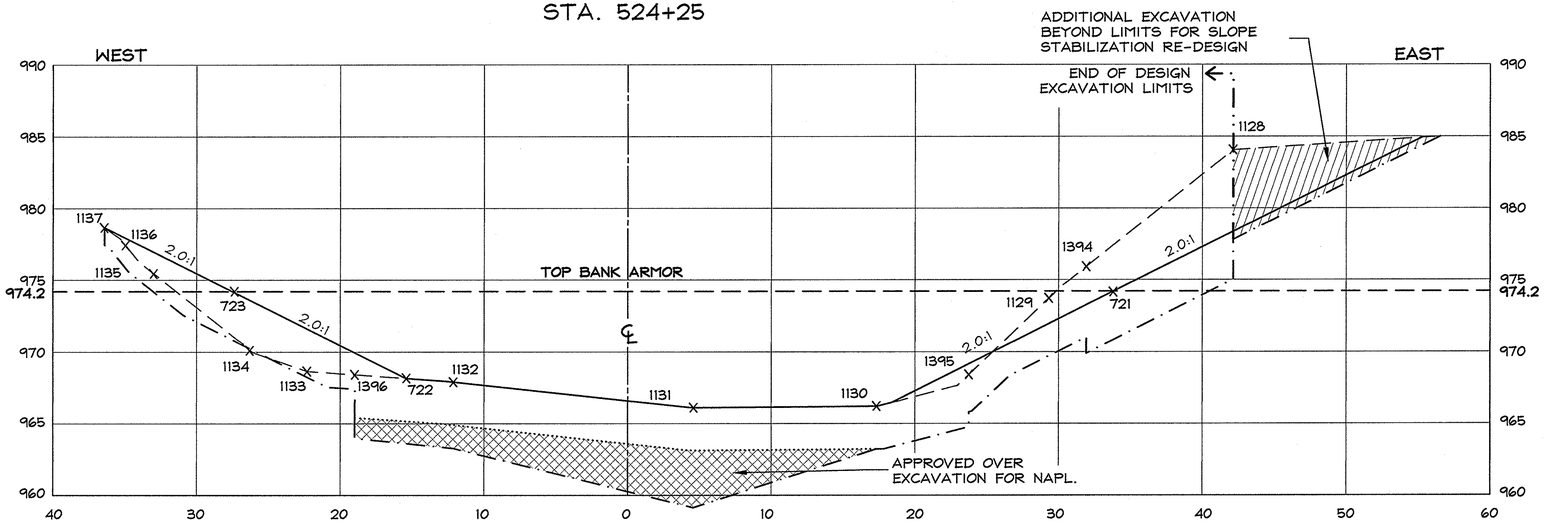
DRAWING NUMBER	REV.
C-302	B



STA. 524+00



STA. 524+25



STA. 524+50

SECTION LEGEND

- EXISTING ELEV. (HILL 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1124 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED OVER EXCAVATION
- APPROVED UNDER EXCAVATION
- ADDITIONAL EXCAVATION BEYOND REMEDIATION LIMITS

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 524+00 TO 524+50

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

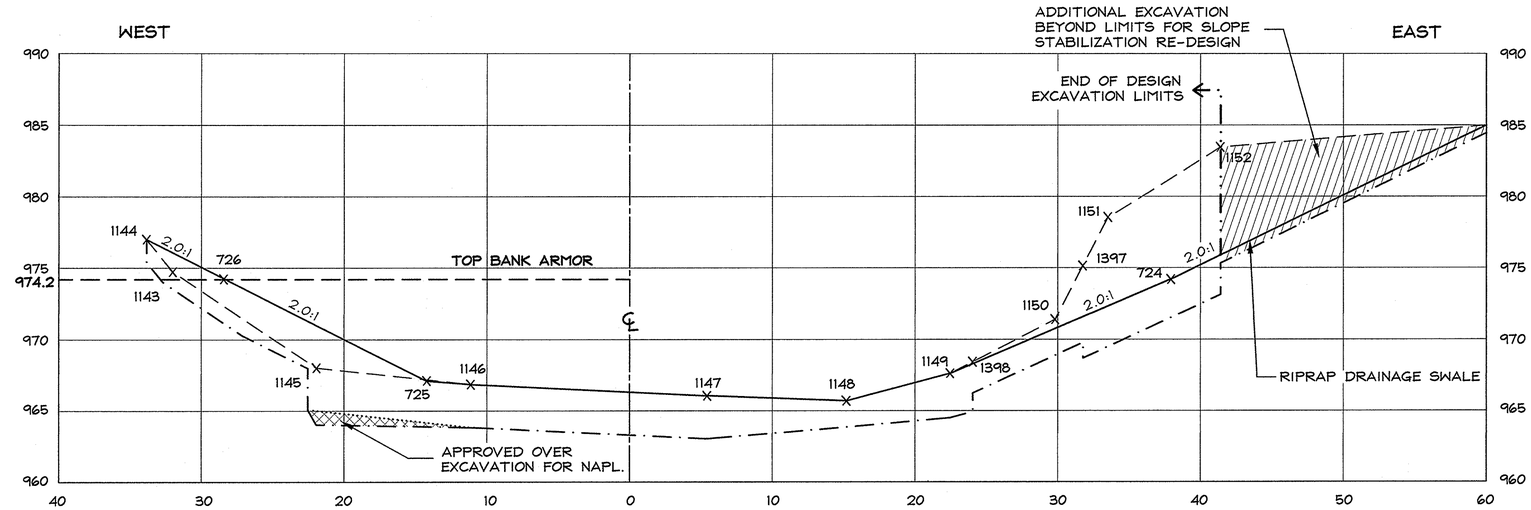
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 14 &15.DWG

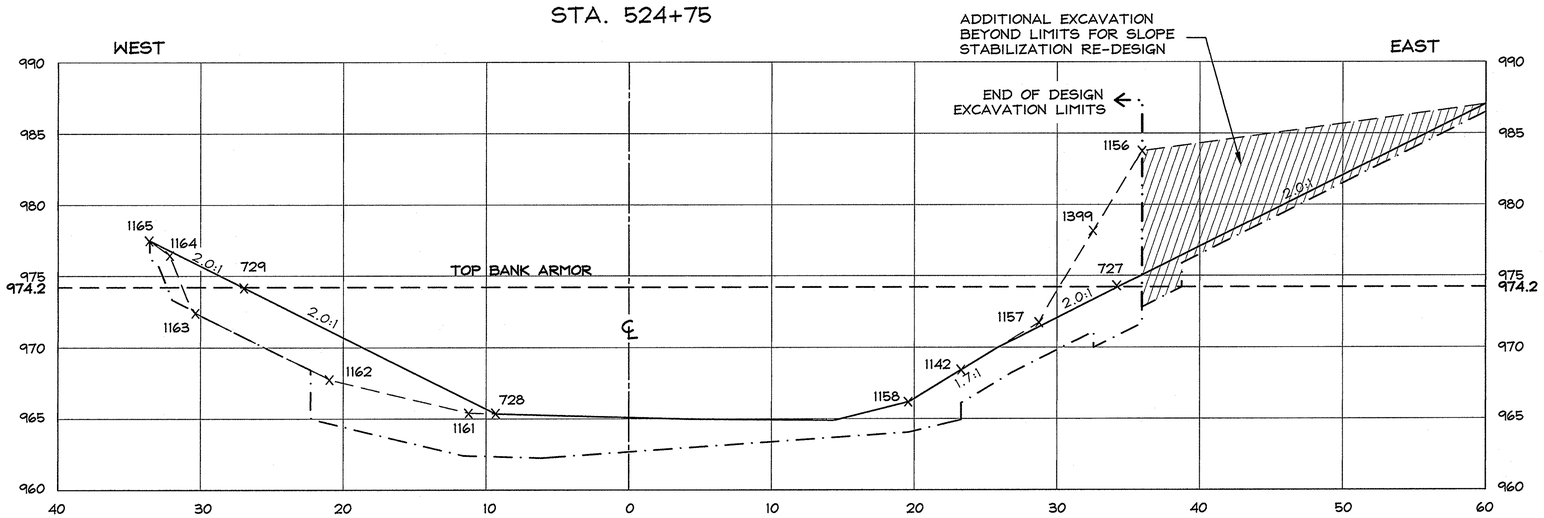
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

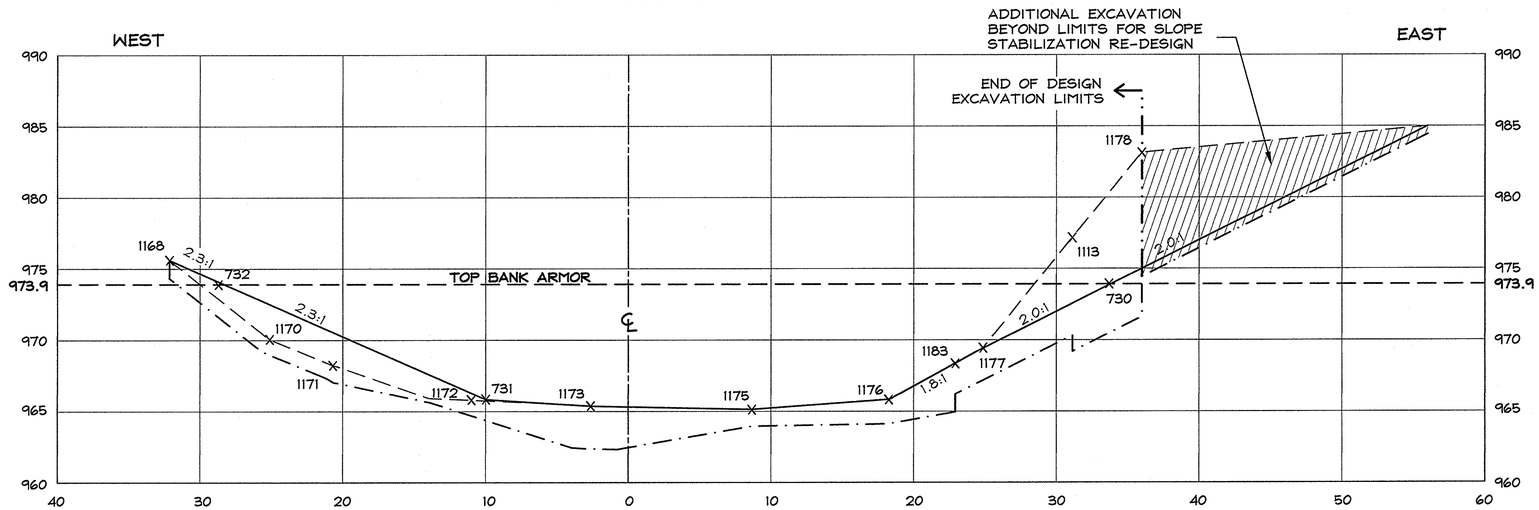
DRAWING NUMBER	REV.
C-303	B



STA. 524+75



STA. 525+00



STA. 525+25

SECTION LEGEND

- EXISTING ELEV. (HILL 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- X 1156 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED OVER EXCAVATION
- ADDITIONAL EXCAVATION BEYOND REMEDIATION LIMITS

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 524+75 TO 525+25

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

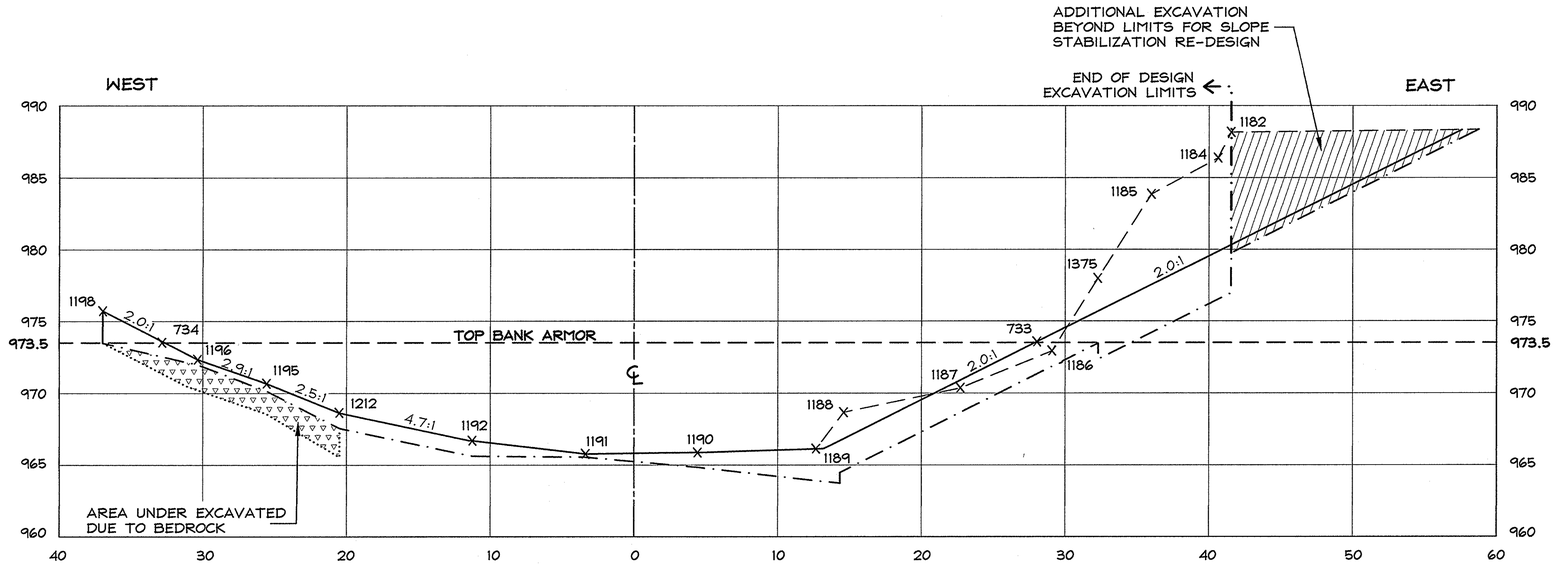
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 14 & 15.DWG

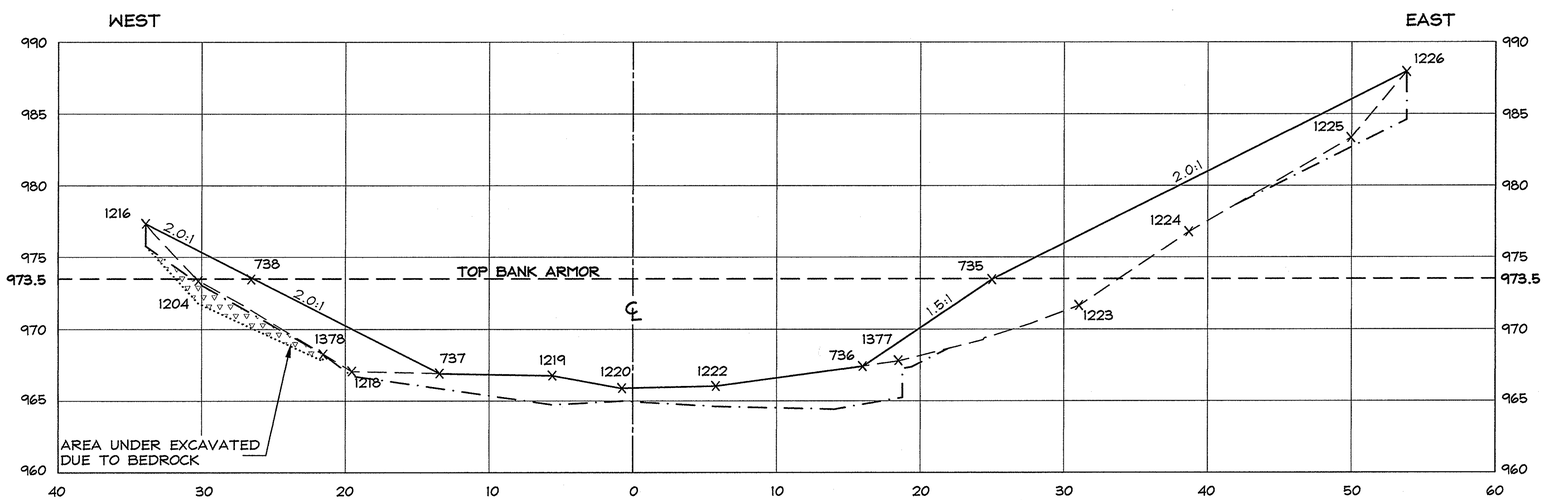
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-304	B



STA. 525+50



STA. 525+75

SECTION LEGEND

- EXISTING ELEV. (HILL 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1187 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION
- ADDITIONAL EXCAVATION BEYOND REMEDIATION LIMITS

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REV.	DESCRIPTION	DR'N / CK'D.	DATE
A	ISSUED FOR COMMENT	JR	3-09-05
B	GENERAL REVISIONS	JR	1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 525+50 TO 525+75

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

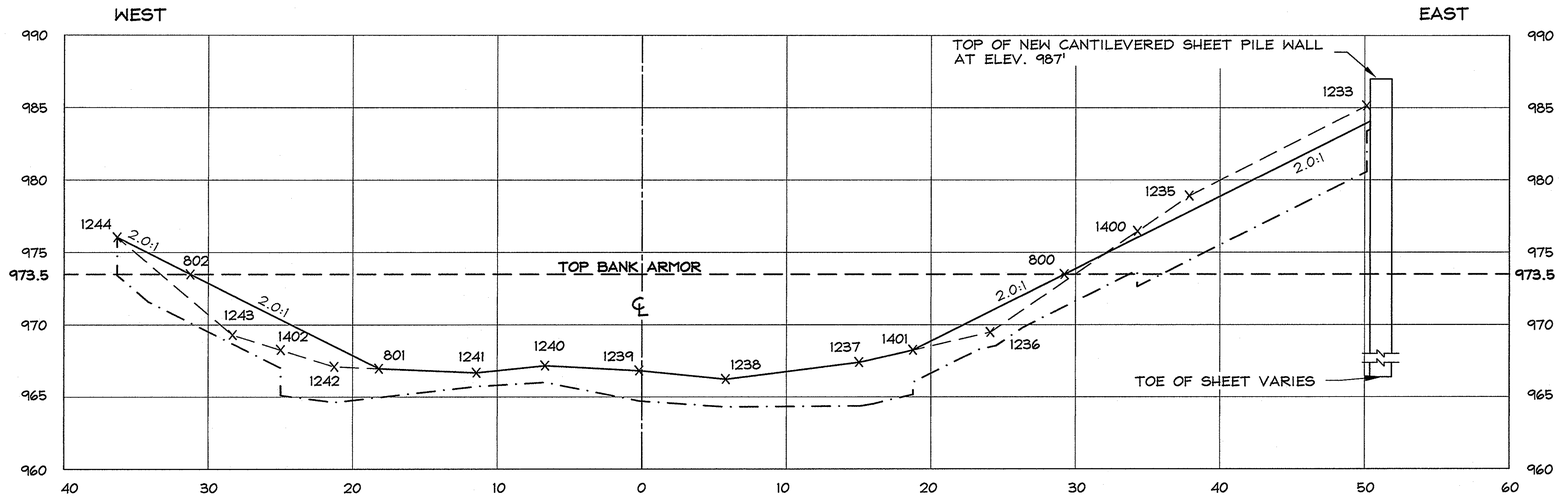
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 14 & 15.DWG

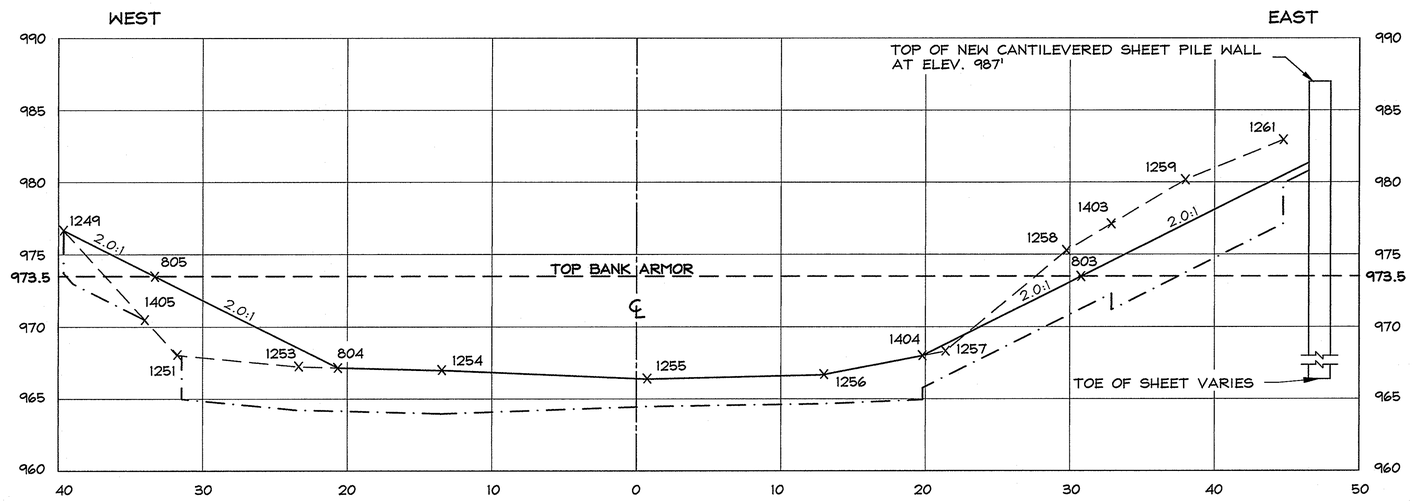
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

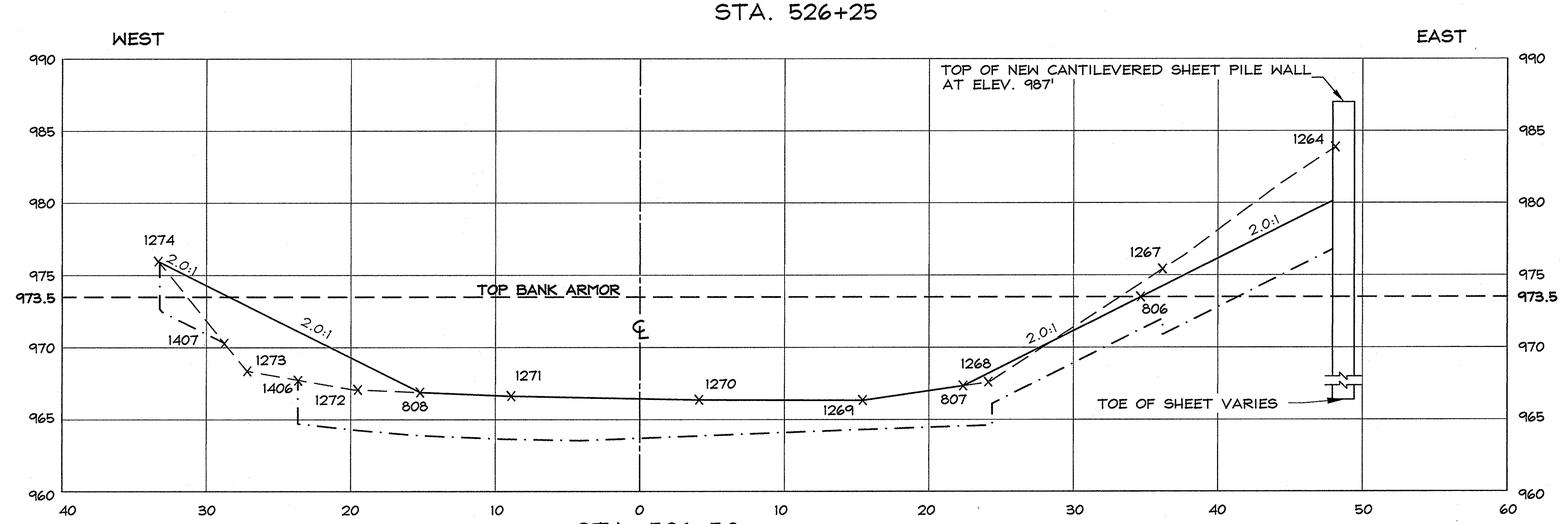
DRAWING NUMBER	REV.
C-305	B



STA. 526+00



STA. 526+25



STA. 526+50

SECTION LEGEND

— — — —	EXISTING ELEV. (HILL 2003)
—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
× 1261	HILL TOPO POINT

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REV.	DESCRIPTION	DR'N	CK'D	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 526+00 TO 526+50

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

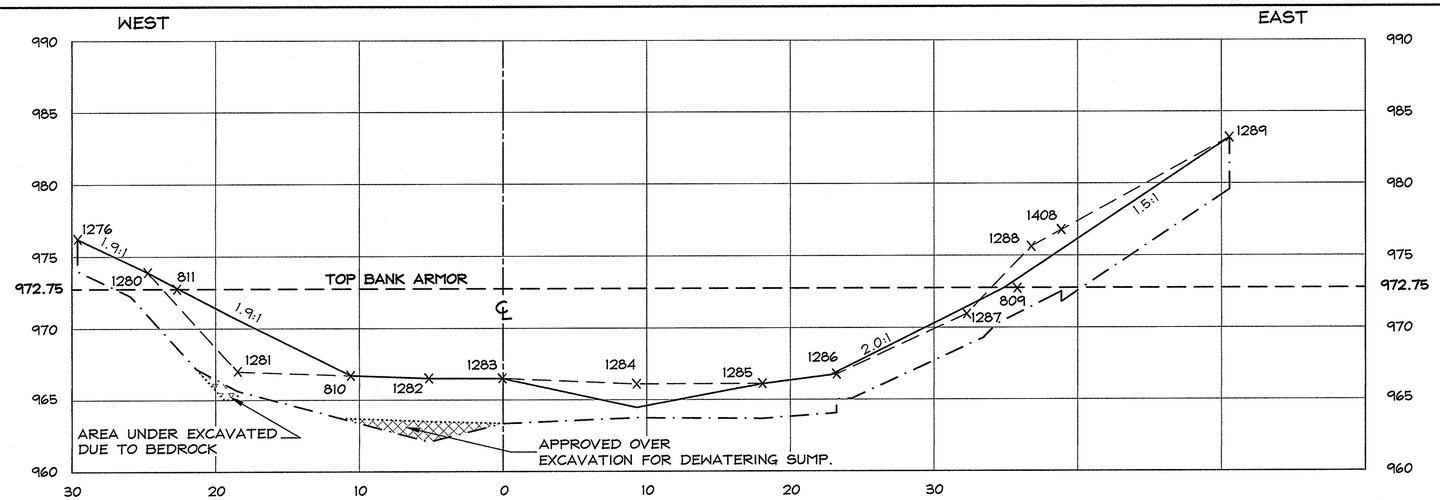
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 14 #15.DWG

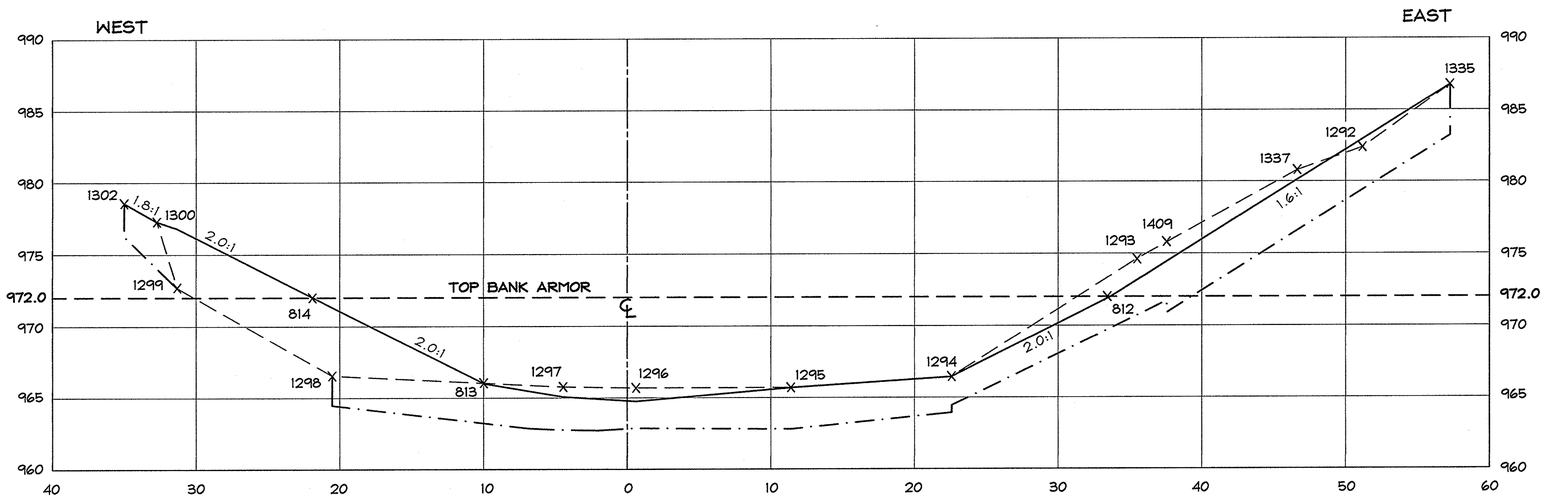
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

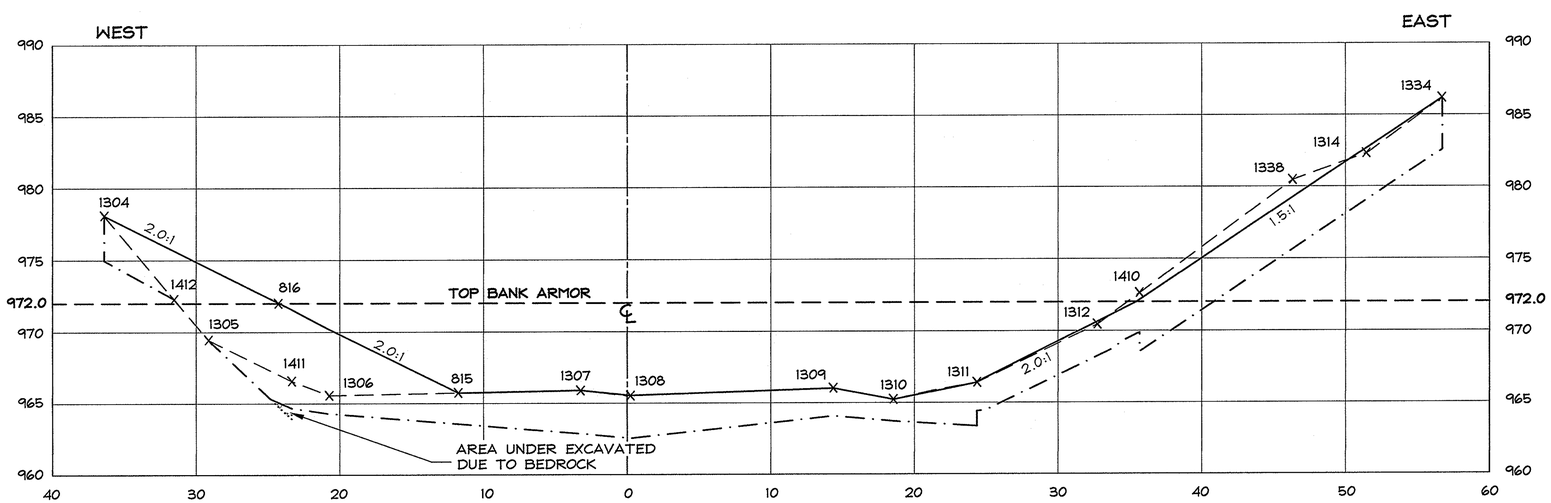
DRAWING NUMBER	REV.
C-306	B



STA. 526+75



STA. 527+00



STA. 527+25

SECTION LEGEND

- EXISTING ELEV. (HILL 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- X 1335 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	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 526+75 TO 527+25

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

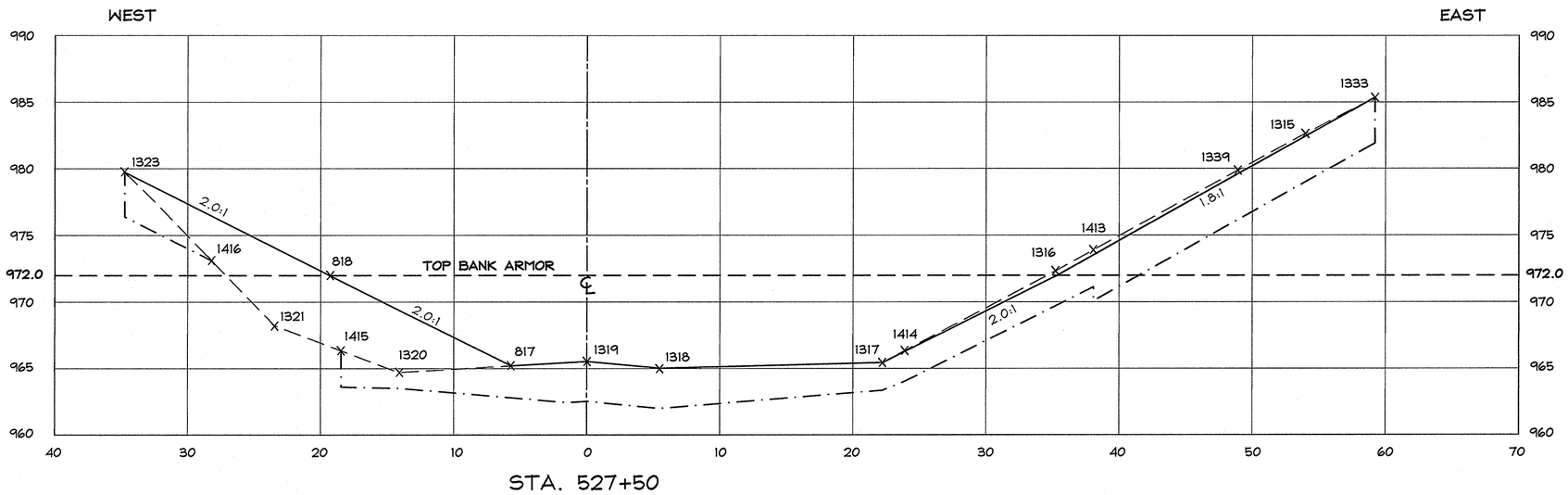
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 14 & 15.DWG

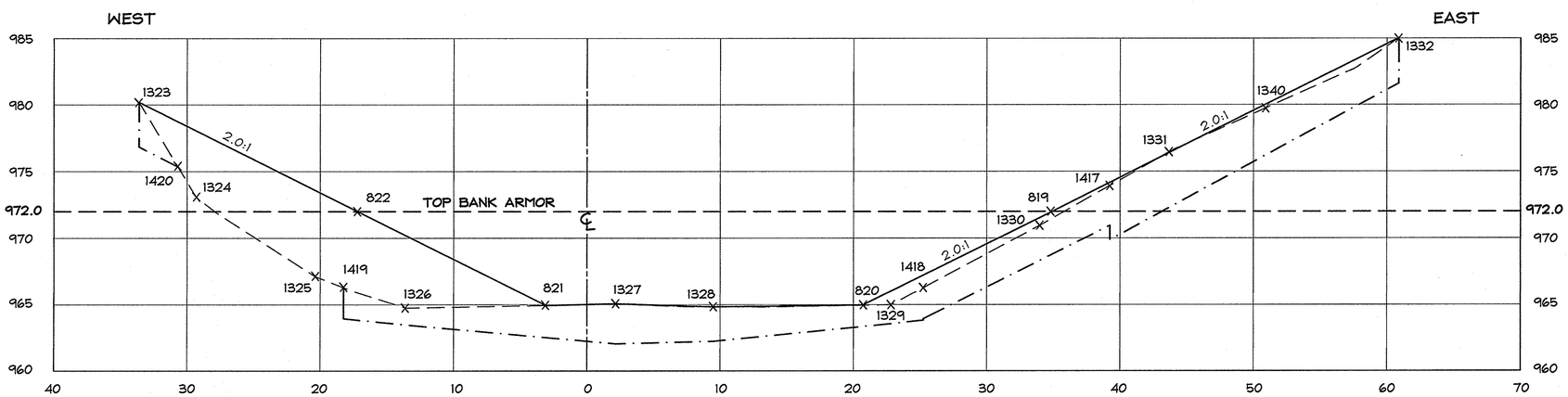
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-307	B



STA. 527+50



STA. 527+60

SECTION LEGEND

- EXISTING ELEV. (HILL 2003)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1340 HILL TOPO POINT

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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EAST BRANCH HOUSATONIC RIVER, PHASE 2

FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 527+50 TO 527+60

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

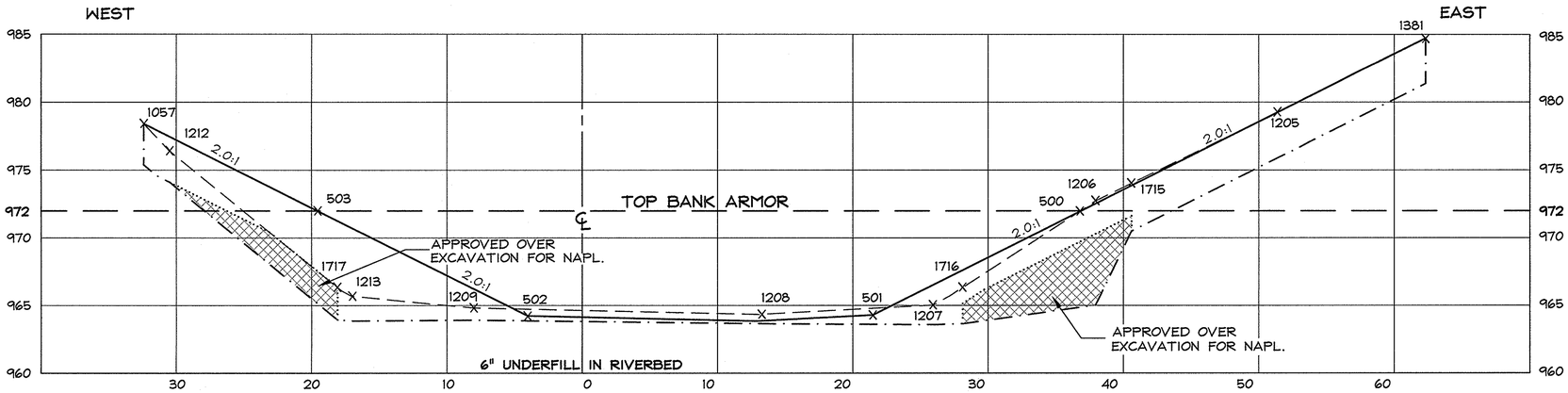
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILT CELLS 14 & 15.DWG

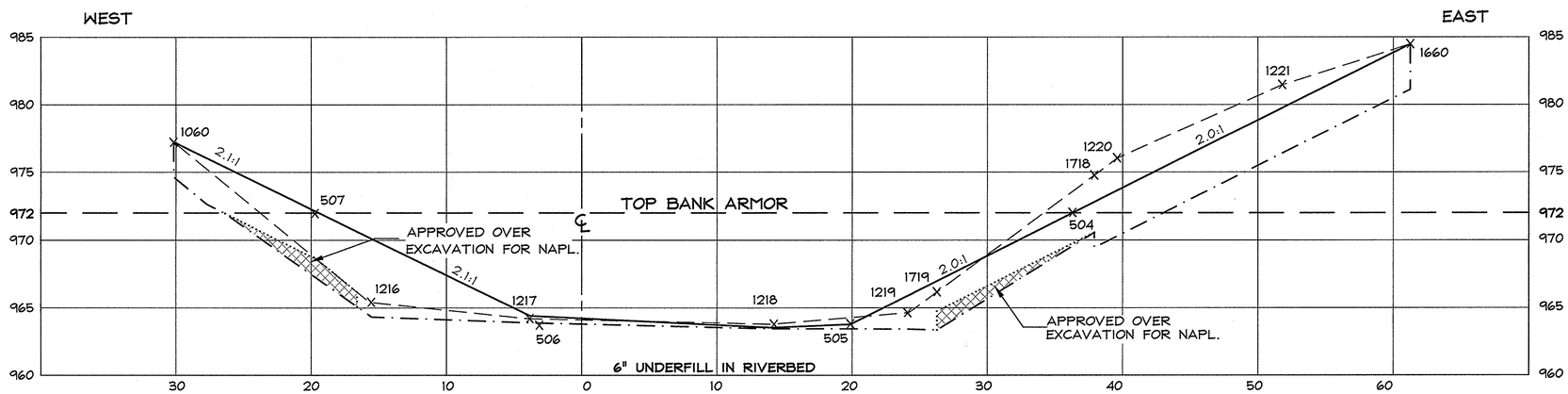
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

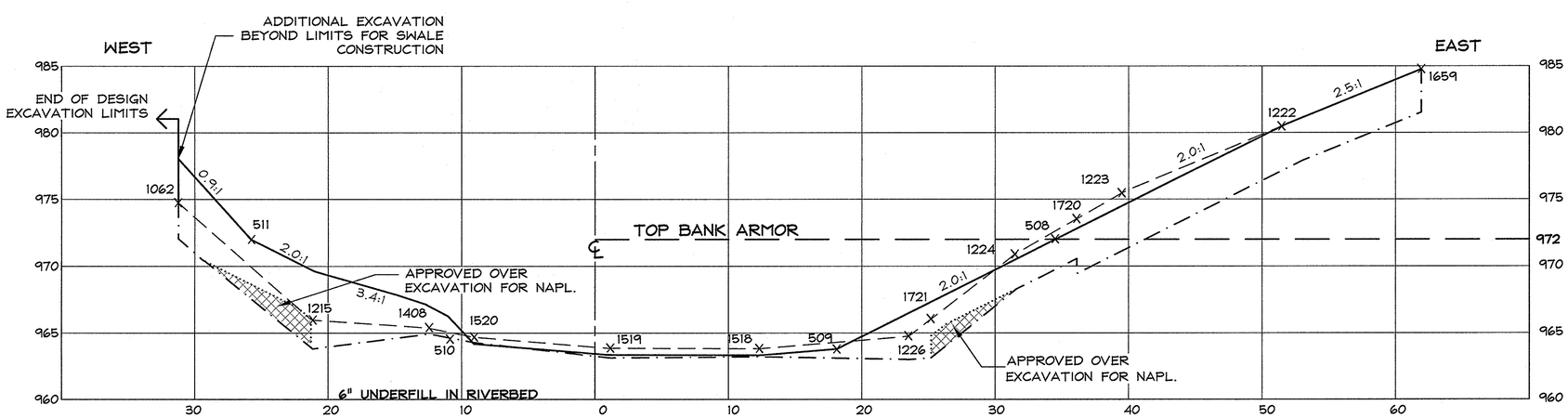
DRAWING NUMBER	REV.
C-308	B



STA. 527+75



STA. 528+00



STA. 528+25

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1220 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		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 527+75 TO 528+25

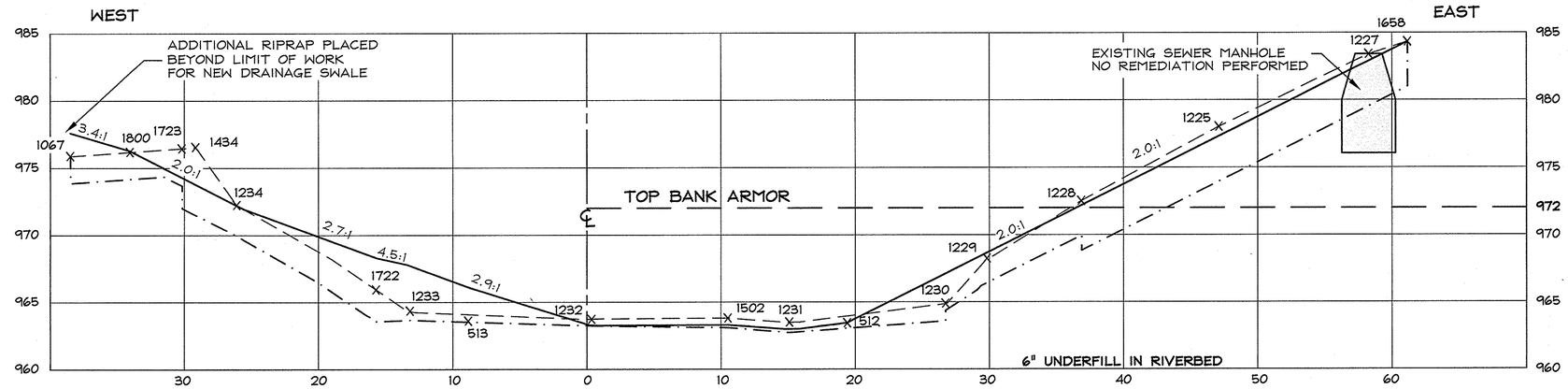
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 16417AB 1-12-07.DWG

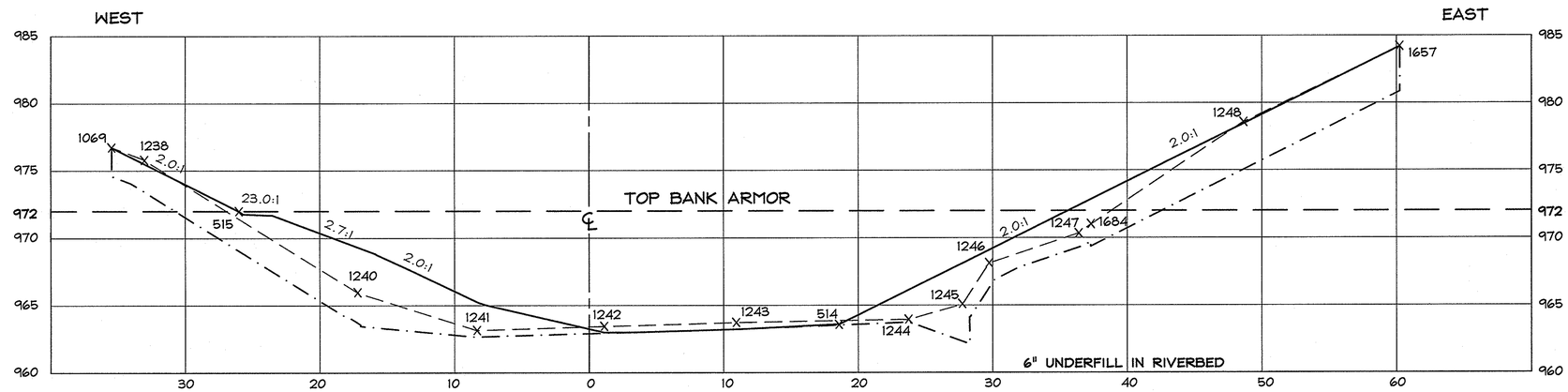
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

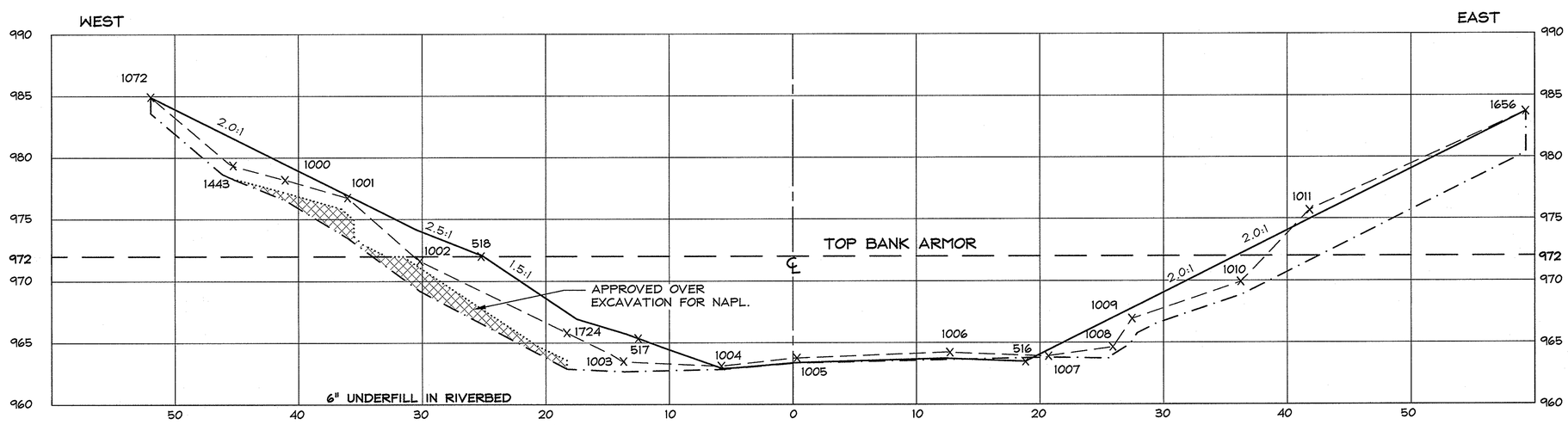
DRAWING NUMBER	REV.
C-309	B



STA. 528+50



STA. 528+75



STA. 529+00

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1657 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		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 528+50 TO 529+00

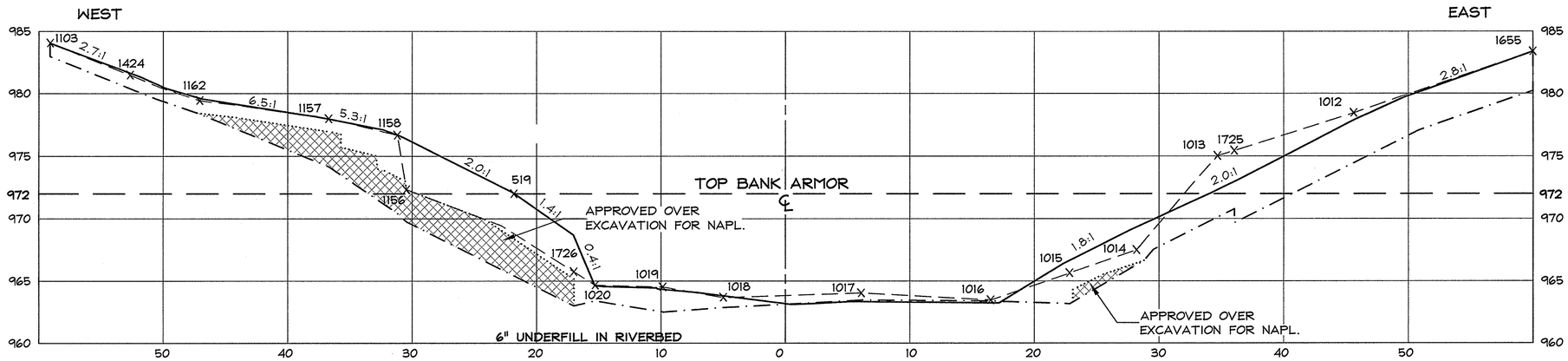
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 16417AB 1-12-07.DWG

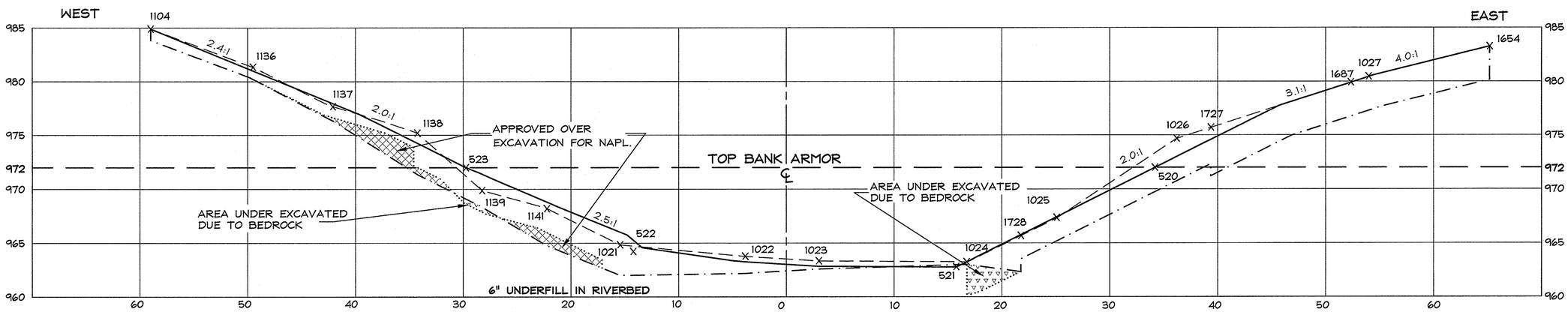
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

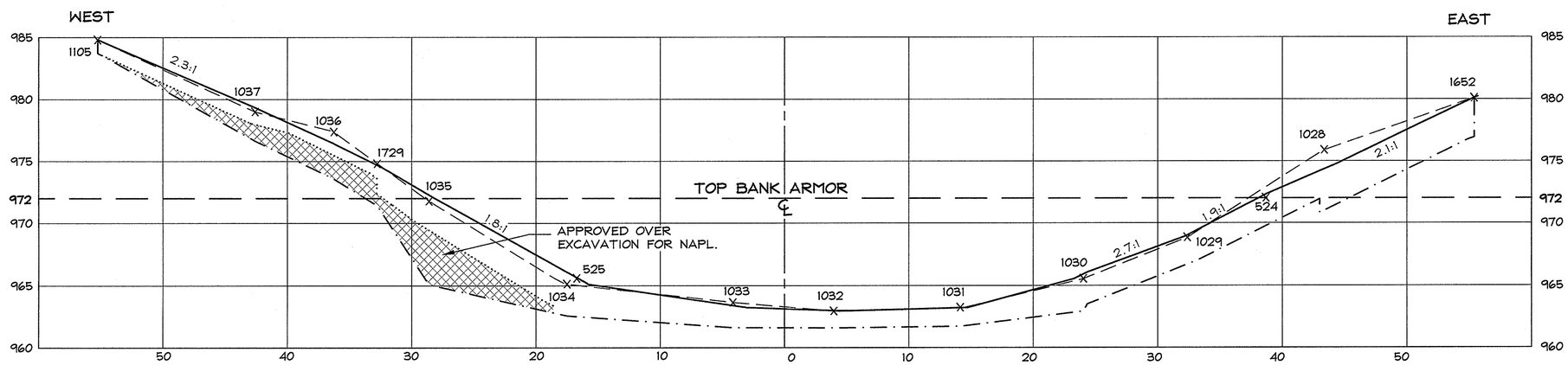
DRAWING NUMBER	REV.
C-310	B



STA. 529+25



STA. 529+50



STA. 529+75

SECTION LEGEND

— — — —	EXISTING ELEV. (HILL 2004)	·····	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
—·—·—	EXCAVATION ELEV.	▽▽▽▽	APPROVED UNDER EXCAVATION
———	RESTORATION ELEV.		
x 1037	HILL TOPO POINT	▨	APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA.

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 529+25 TO 529+75

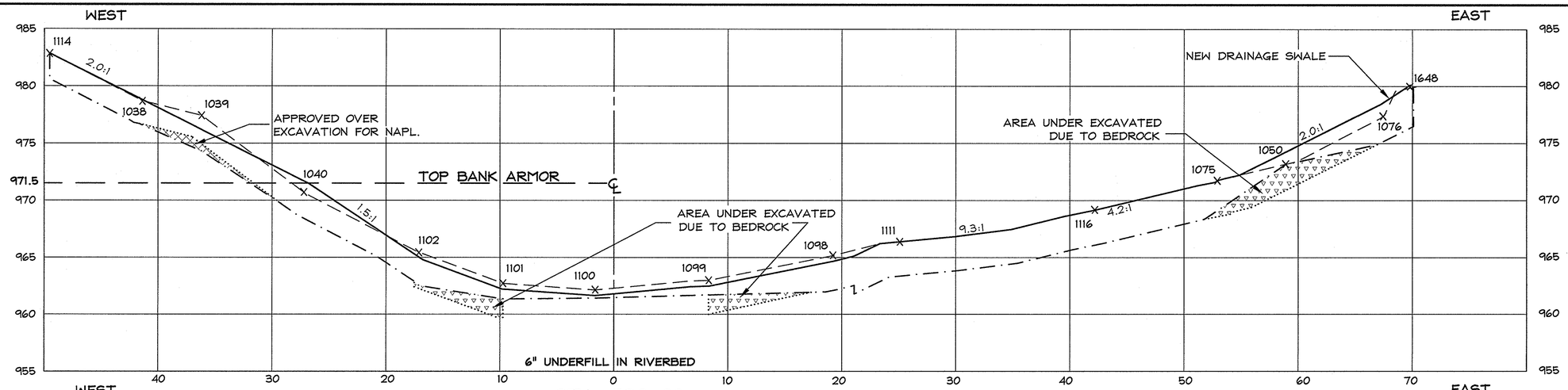
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 16#17AB 1-12-07.DWG

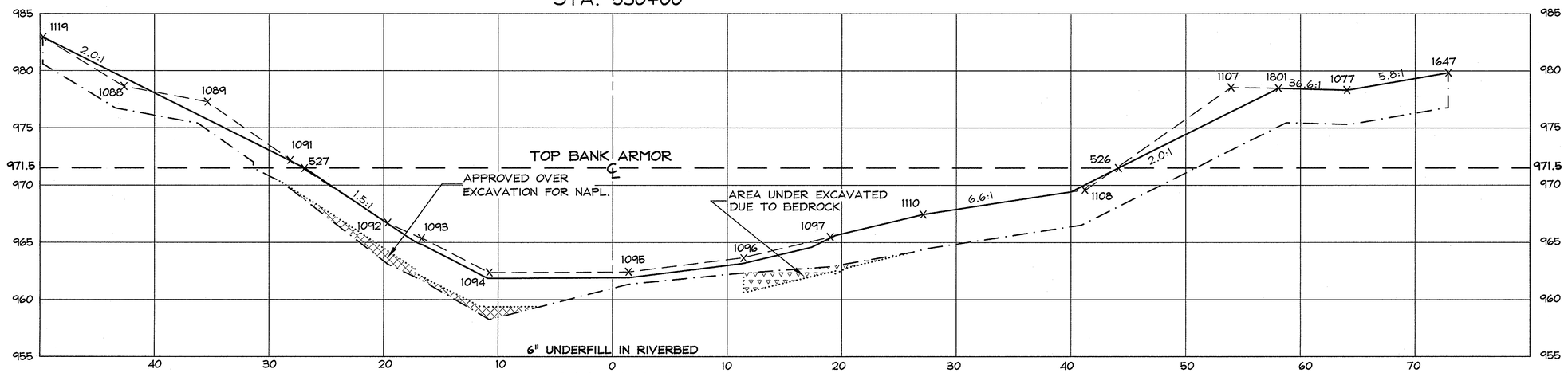
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

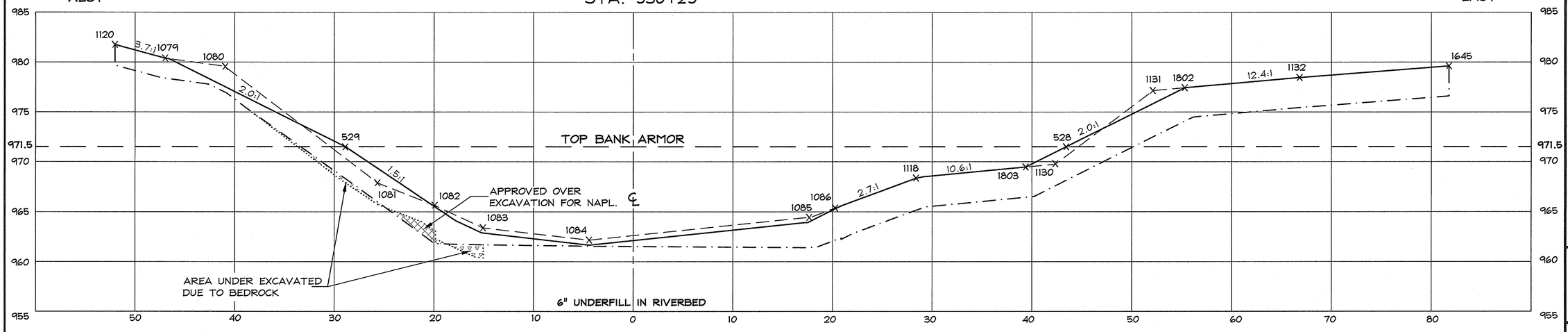
DRAWING NUMBER	REV.
C-311	B



STA. 530+00



STA. 530+25



STA. 530+50

SECTION LEGEND

EXISTING ELEV. (HILL 2004)	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
EXCAVATION ELEV.	APPROVED UNDER EXCAVATION
RESTORATION ELEV.	
x 1082 HILL TOPO POINT	APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 530+00 TO 530+50

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

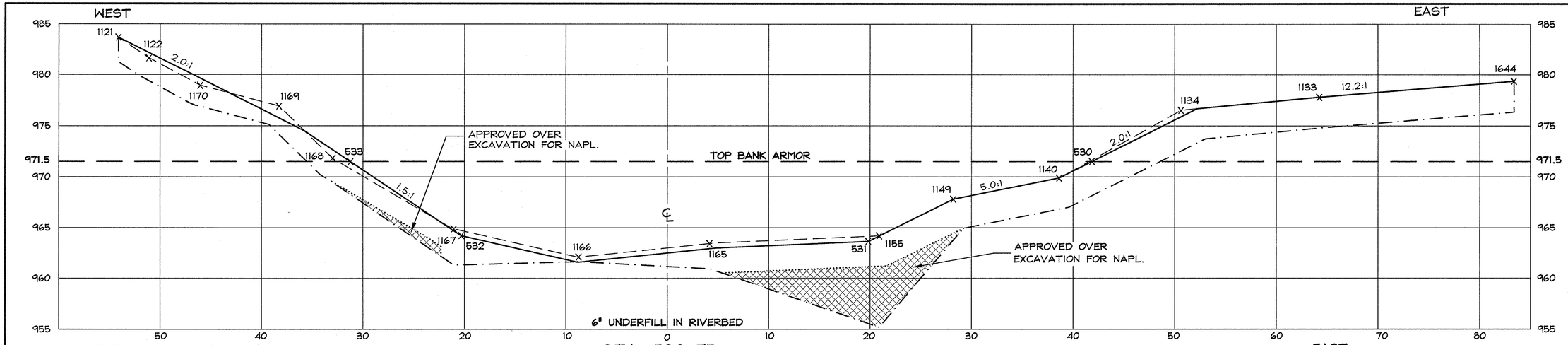
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 16417AB 1-12-07.DWG

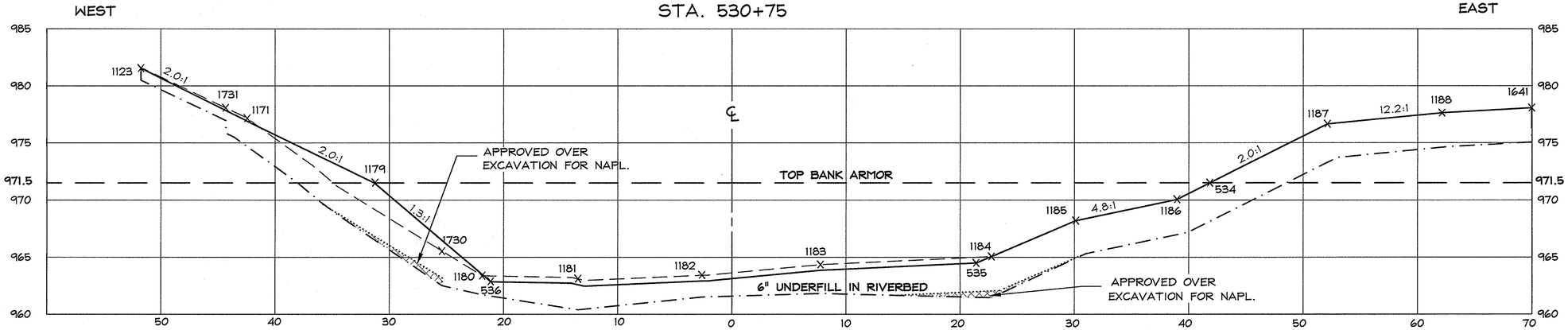
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

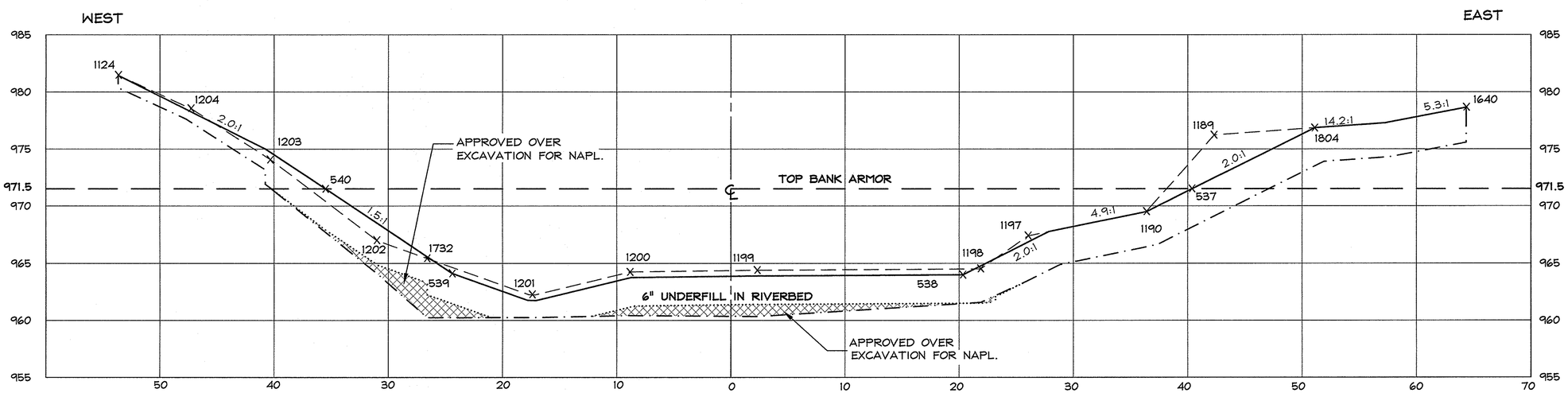
DRAWING NUMBER	REV.
C-312	B



STA. 530+75



STA. 531+00



STA. 531+25

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- X 1203 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		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 530+75 TO 531+25

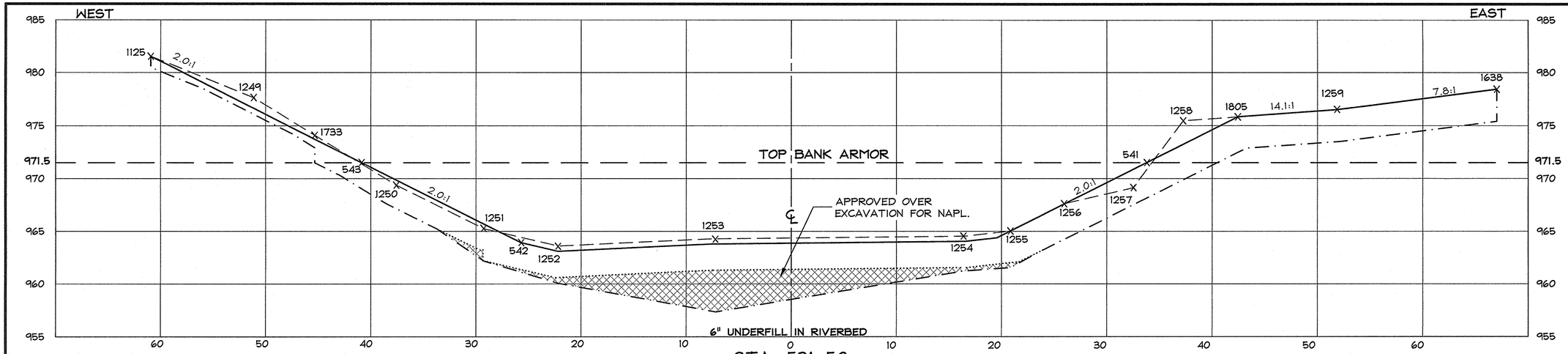
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 16#17AB 1-12-07.DWG

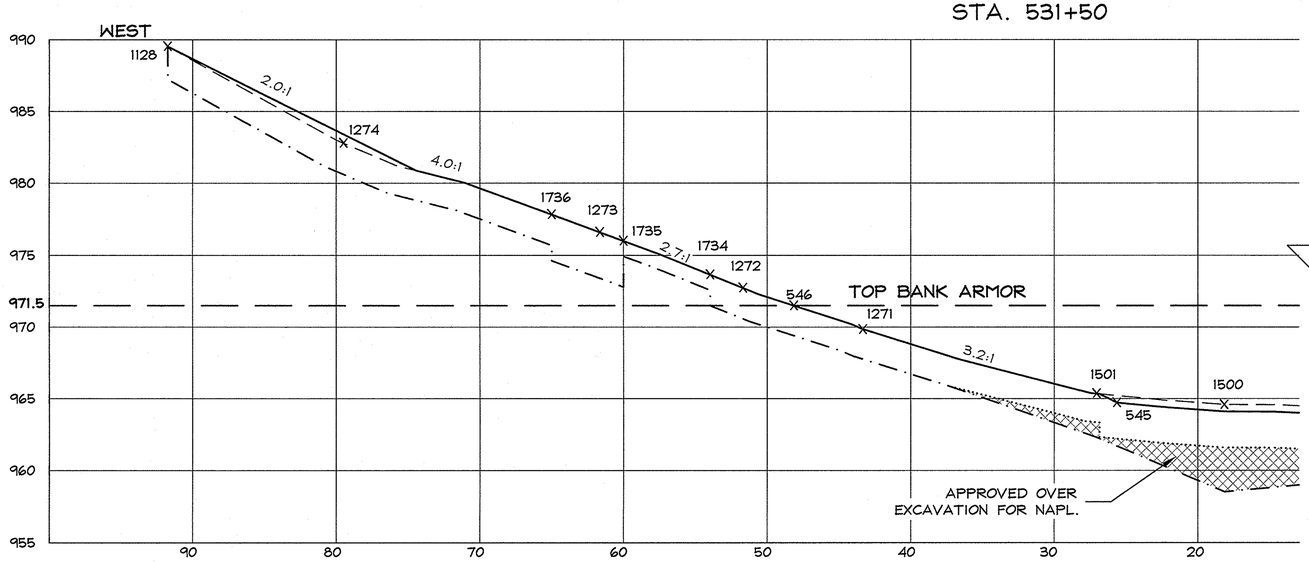
GRAPHIC SCALE: 0 5 10

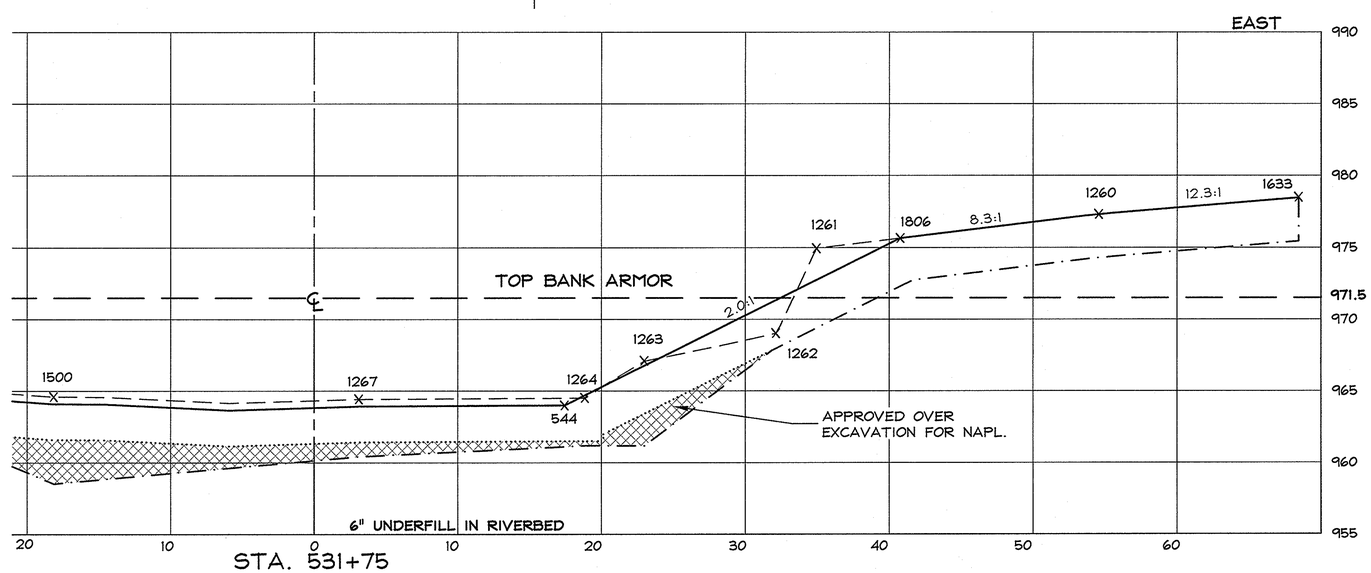
PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-313	B



STA. 531+50





STA. 531+75

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- × 1500 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		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 531+50 TO 531+75

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

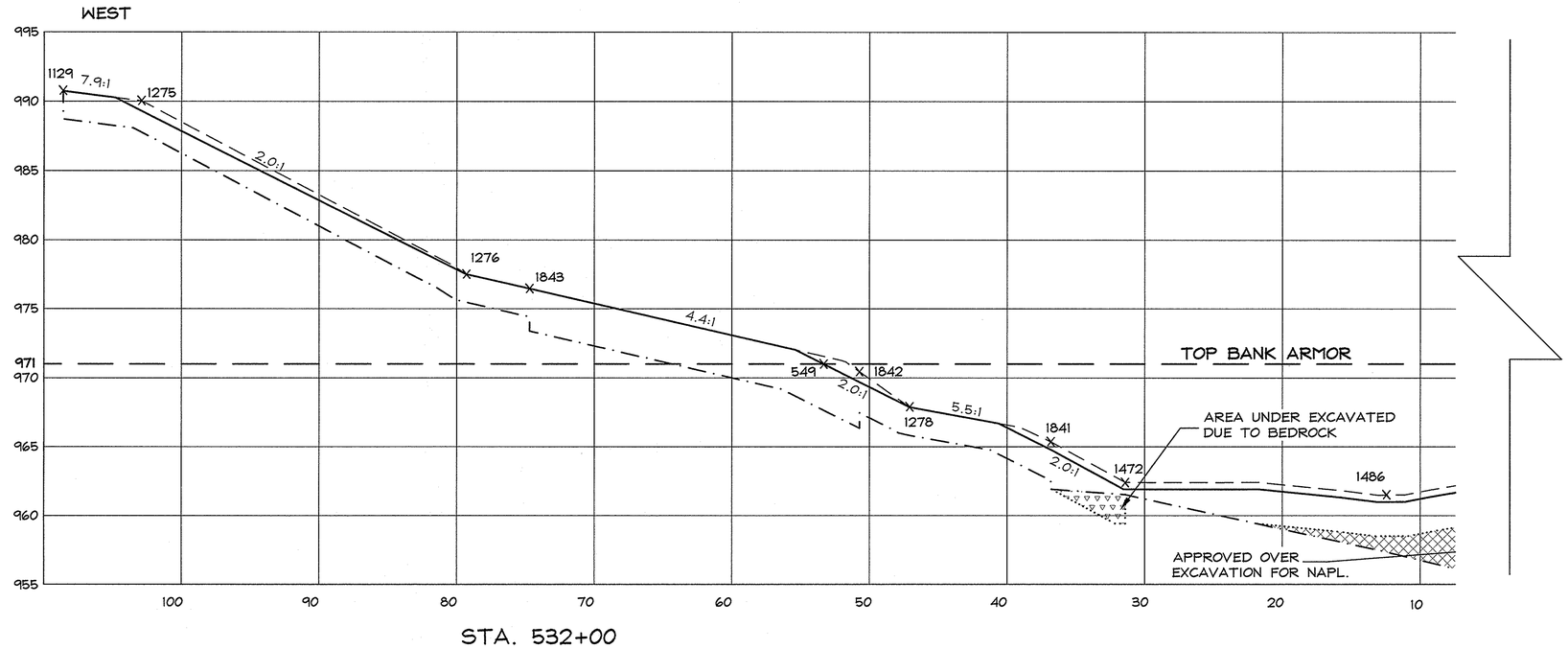
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 16417AB 1-12-07.DWG

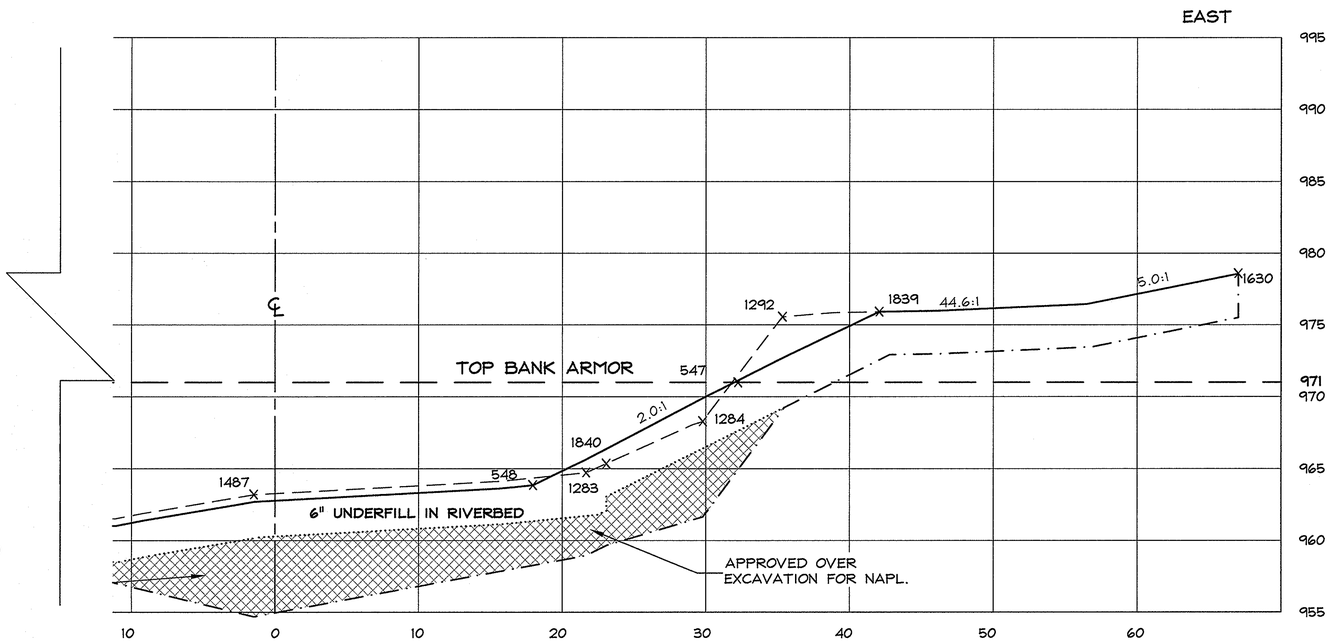
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-314	B



STA. 532+00



STA. 532+00

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1487 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.

EAST BRANCH HOUSATONIC RIVER, PHASE 2

FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTION STATION 532+00

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

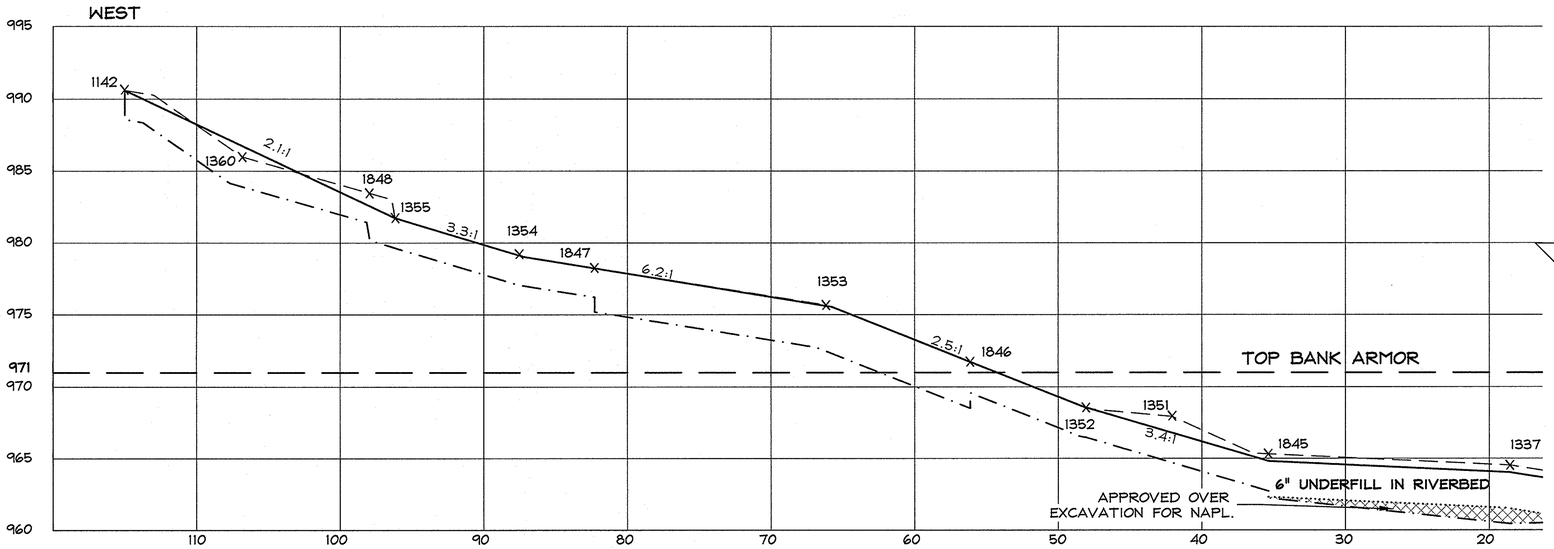
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 16417AB 1-12-07.DWG

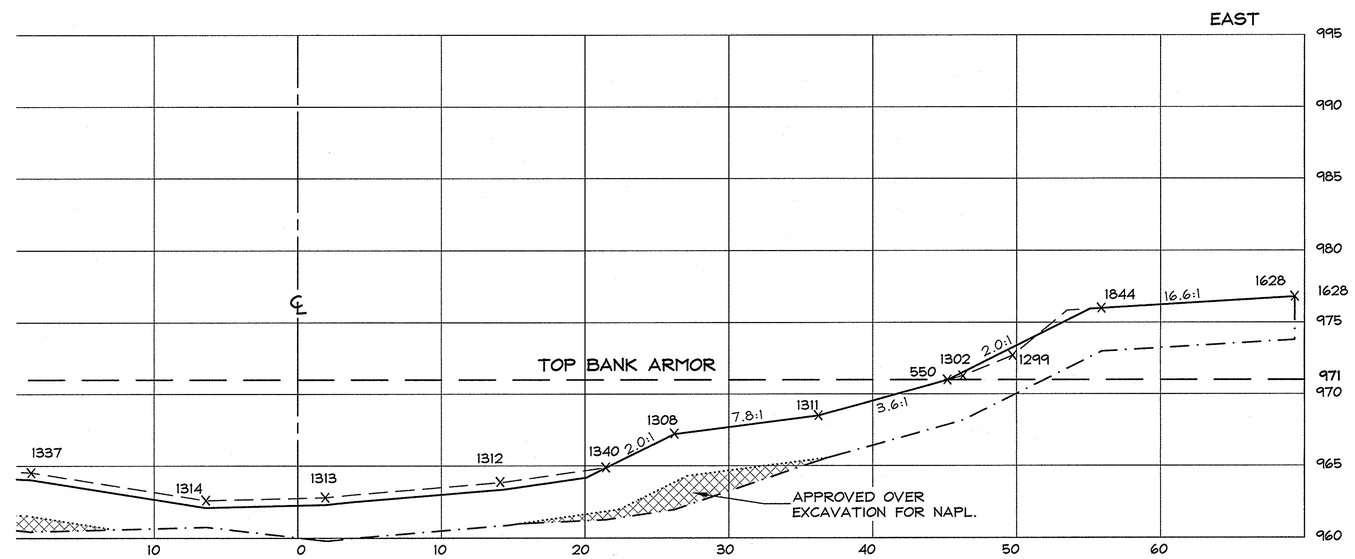
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-315	B



STA. 532+25



STA. 532+25

6" UNDERFILL IN RIVERBED

SECTION LEGEND

— — — — —	EXISTING ELEV. (HILL 2004)
— · — · — · —	EXCAVATION ELEV.
———	RESTORATION ELEV.
× 1337	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		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.

EAST BRANCH HOUSATONIC RIVER, PHASE 2

FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTION STATION 532+25

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

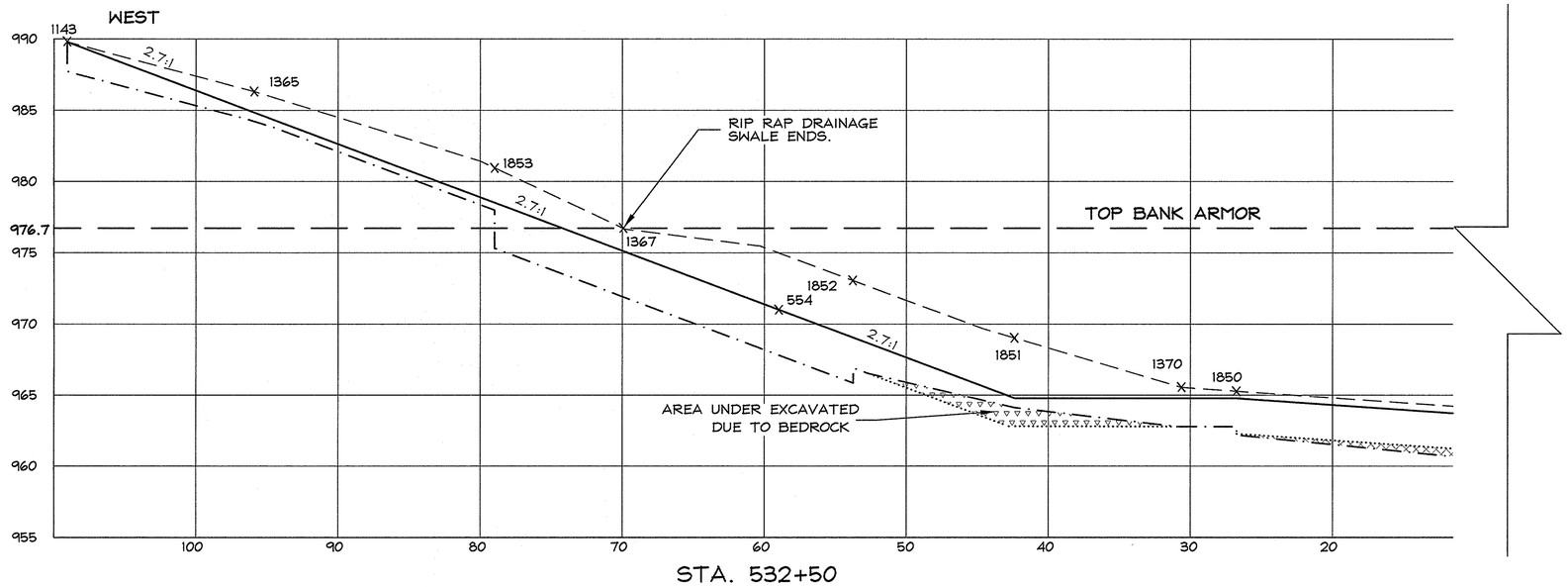
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

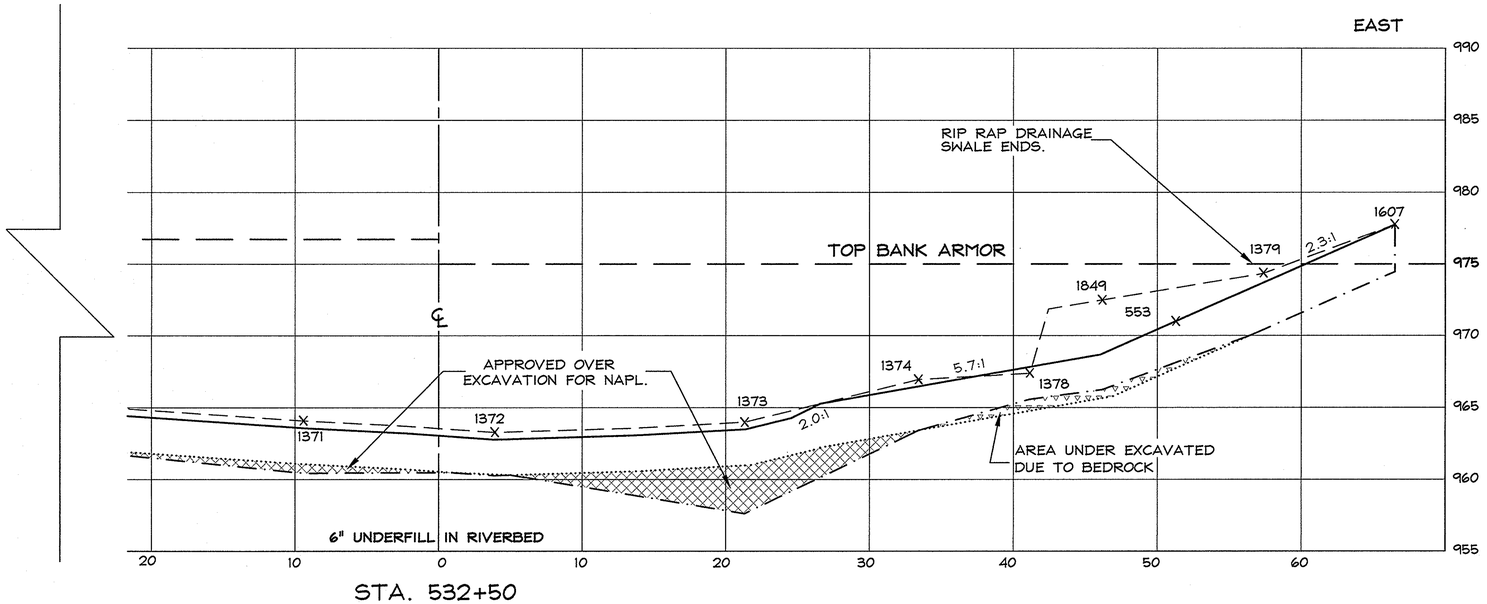
CAD CODE: CELL 16417AB 1-12-07.DWG

GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-316	B





SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1371 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION

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A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.

EAST BRANCH HOUSATONIC RIVER, PHASE 2

FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTION STATION 532+50

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

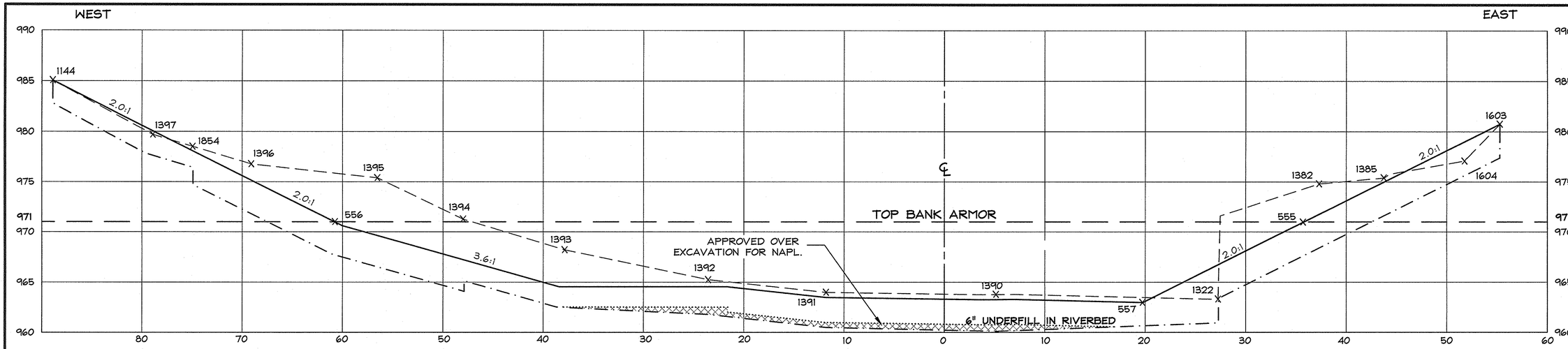
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 16#17AB 1-12-07.DWG

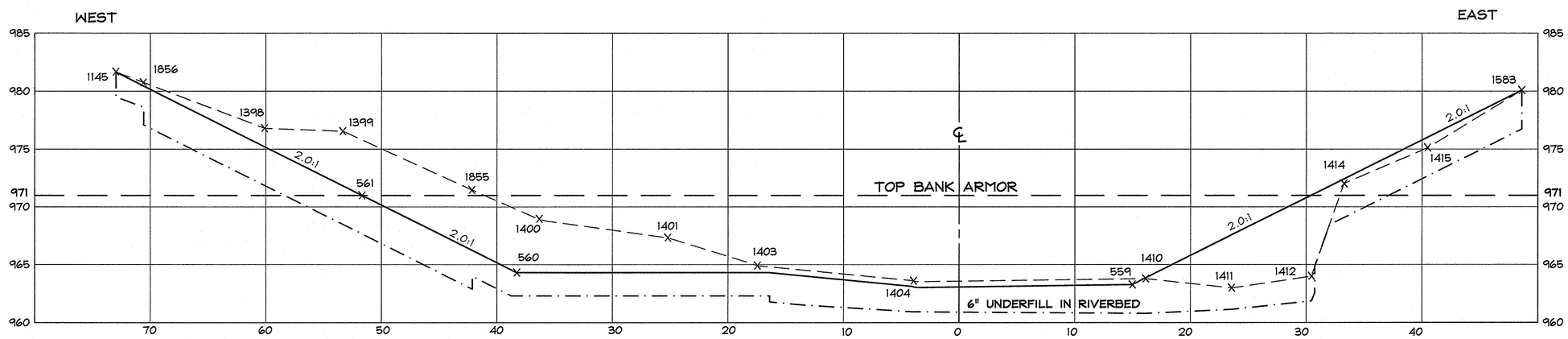
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

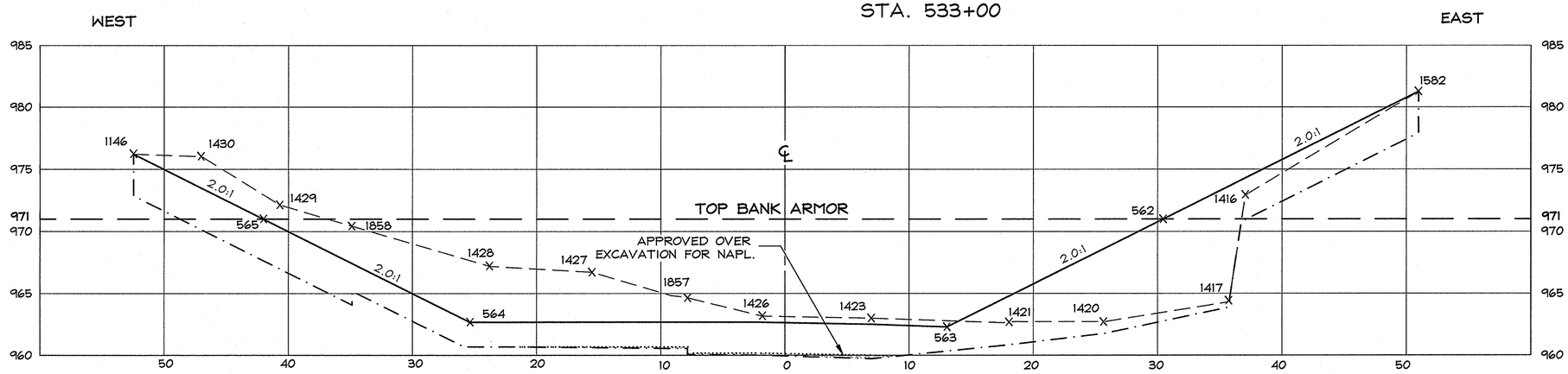
DRAWING NUMBER	REV.
C-317	B



STA. 532+75



STA. 533+00



STA. 533+25

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- X 1428 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		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 532+75 TO 533+25

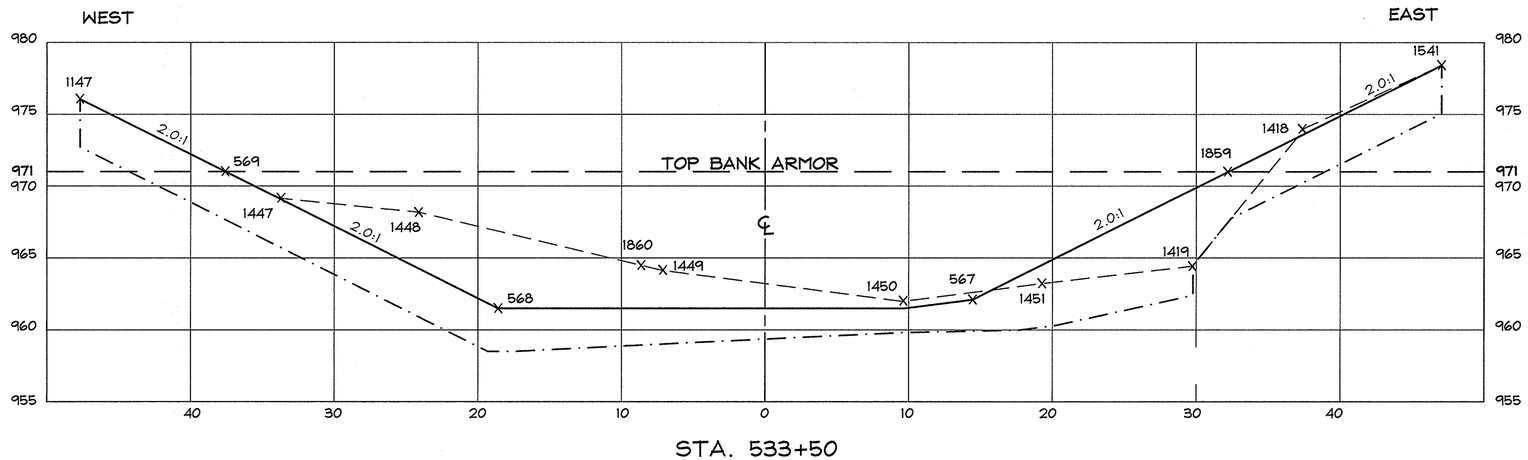
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 16#17AB 1-12-07.DWG

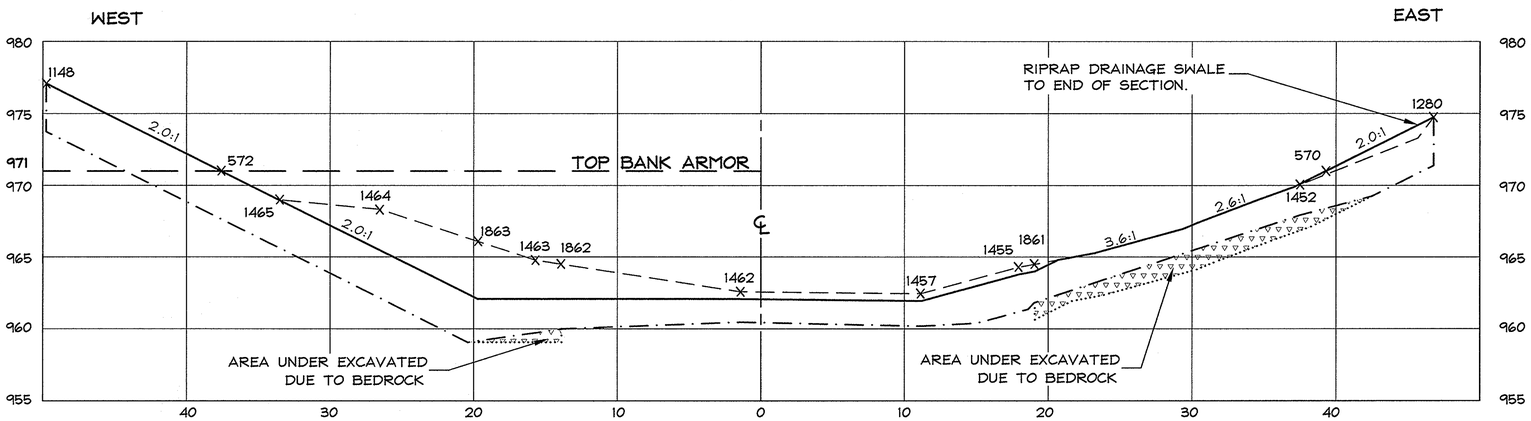
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-318	B



STA. 533+50



STA. 533+75

SECTION LEGEND

— — — — —	EXISTING ELEV. (HILL 2004)
—·—·—	EXCAVATION ELEV.
———	RESTORATION ELEV.
x 1863	HILL TOPO POINT
.....	DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
▨	APPROVED OVER EXCAVATION

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A	ISSUED FOR COMMENT	JR		3-09-05
B	GENERAL REVISIONS	JR		1-11-07

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WESTON SOLUTIONS, INC.

EAST BRANCH HOUSATONIC RIVER, PHASE 2

FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS SECTIONS 533+50 TO 533+75

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

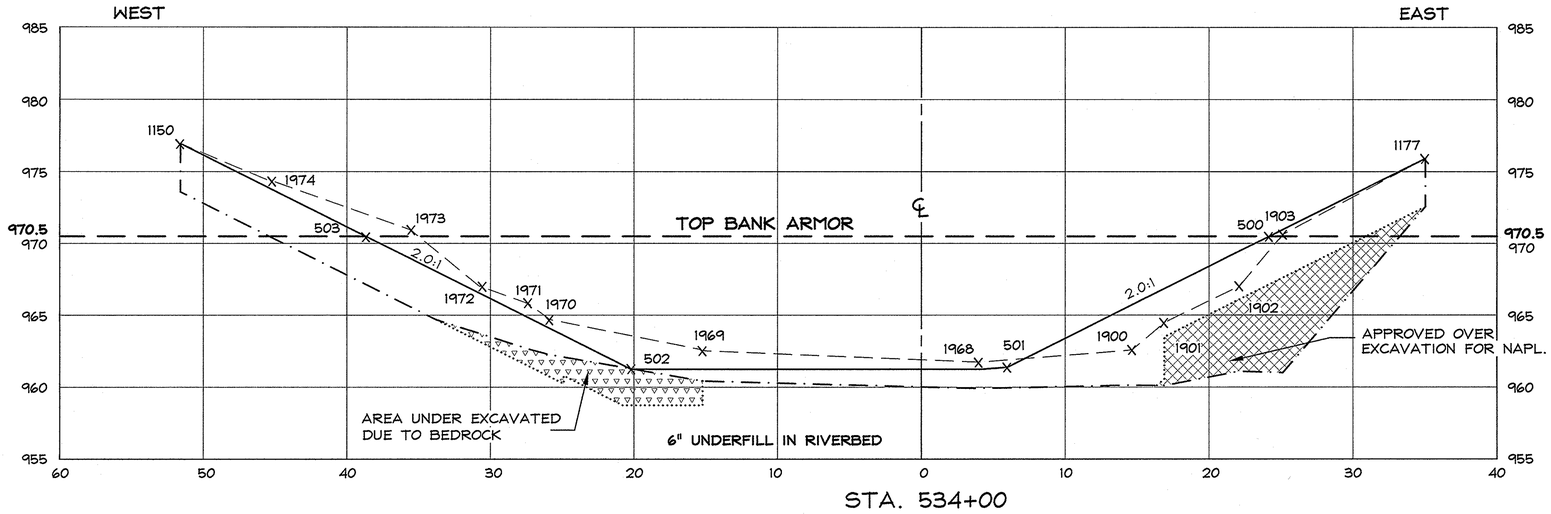
DRAWN BY	TMA
DATE DRAWN	3-09-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 16417AB 1-12-07.DWG

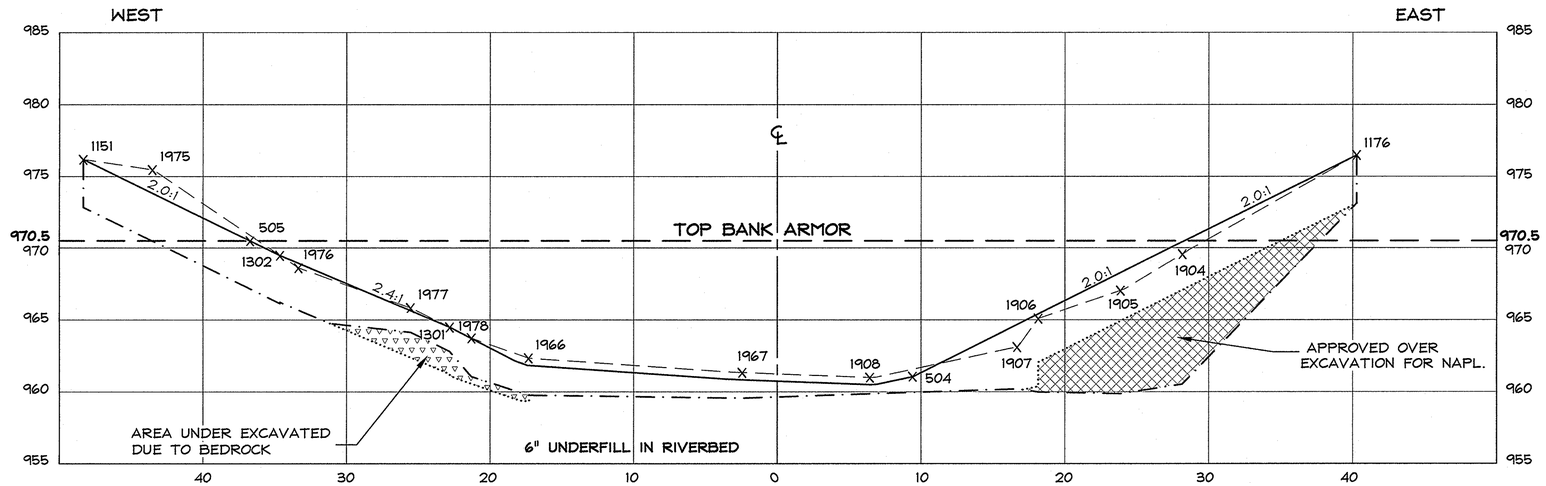
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

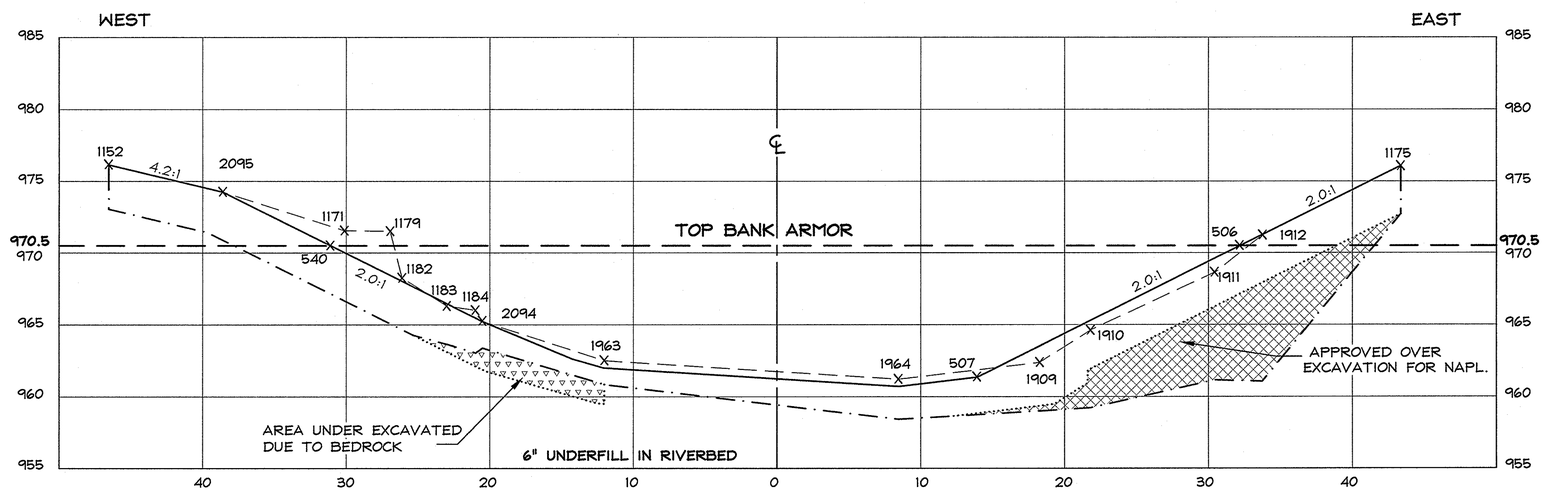
DRAWING NUMBER	REV.
C-319	B



STA. 534+00



STA. 534+25



STA. 534+50

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1152 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-11-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 534+00 TO 534+50

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

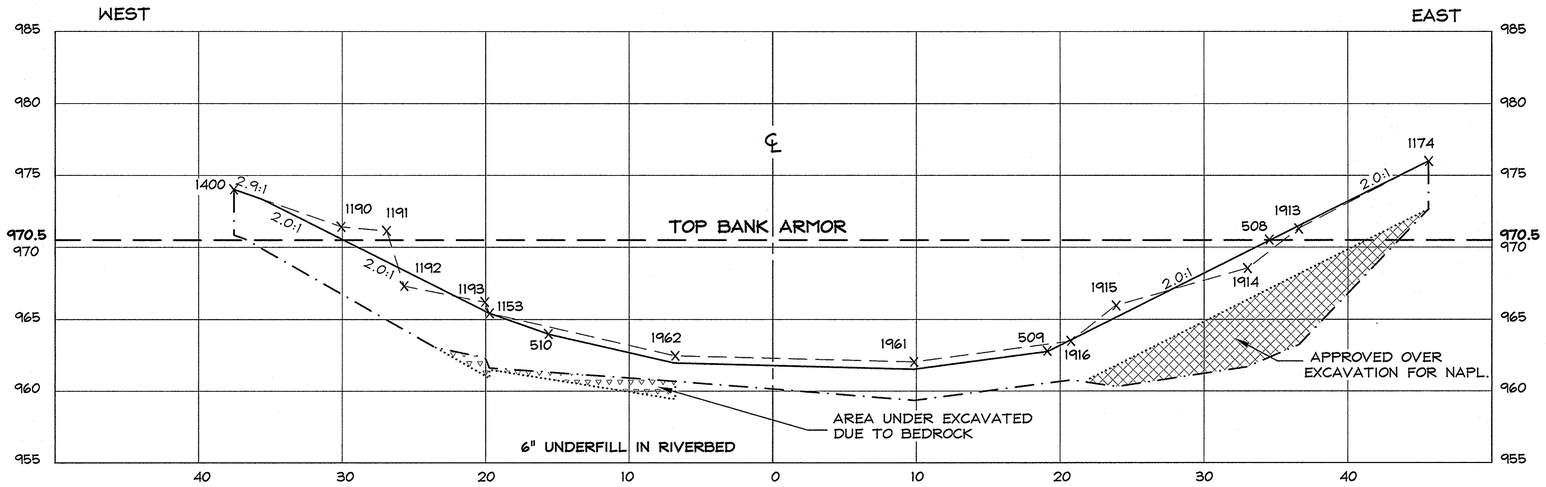
DRAWN BY	TMA
DATE DRAWN	3-11-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 18&19 AS-BUILTS.DWG

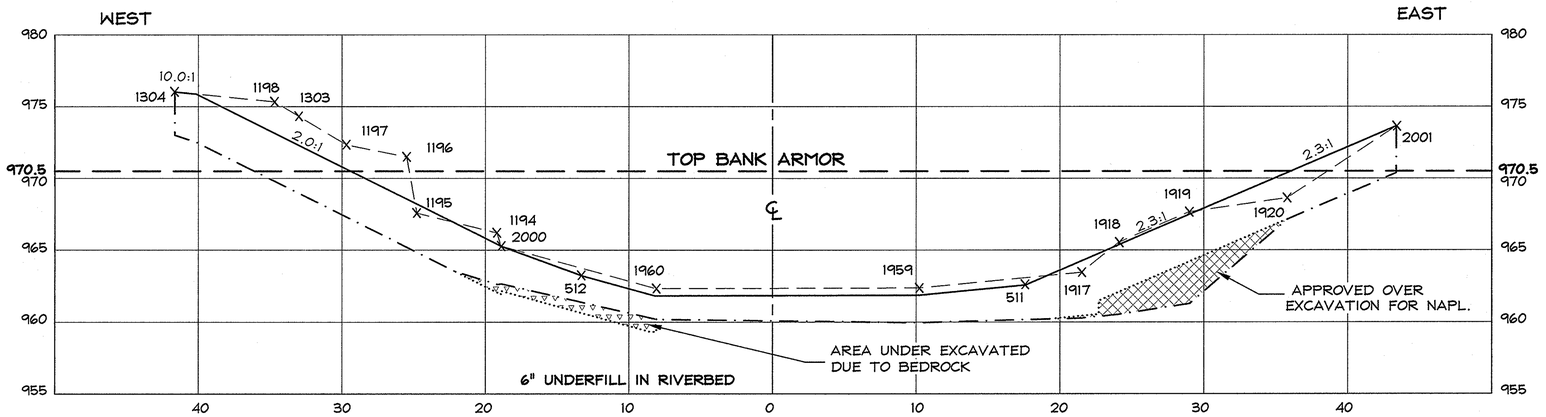
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

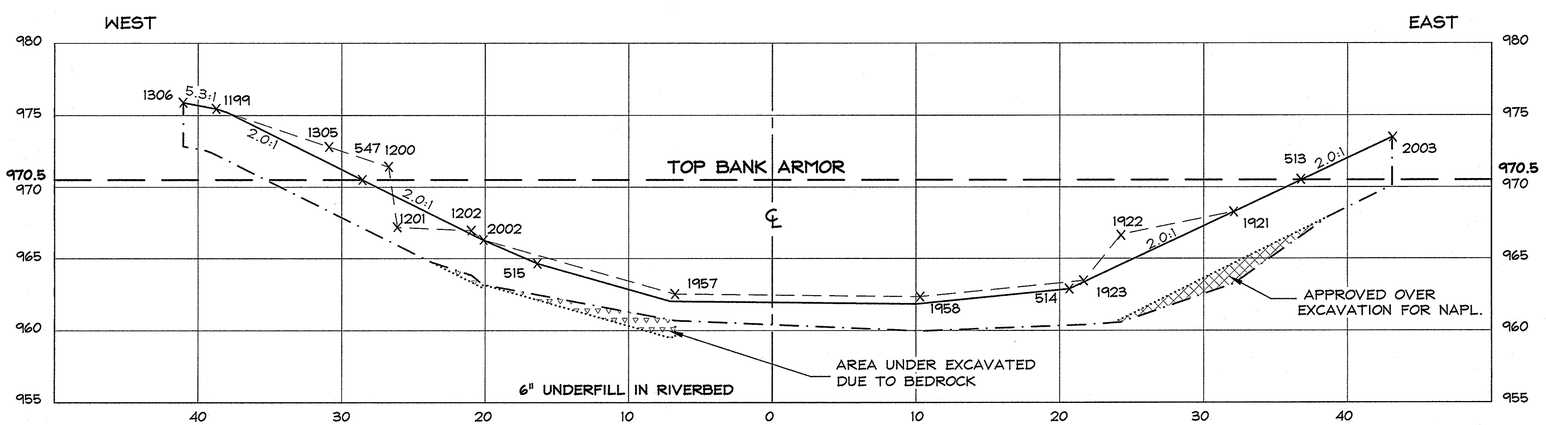
DRAWING NUMBER	REV.
C-320	B



STA. 534+75



STA. 535+00



STA. 535+25

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- 1306 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-11-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 534+75 TO 535+25

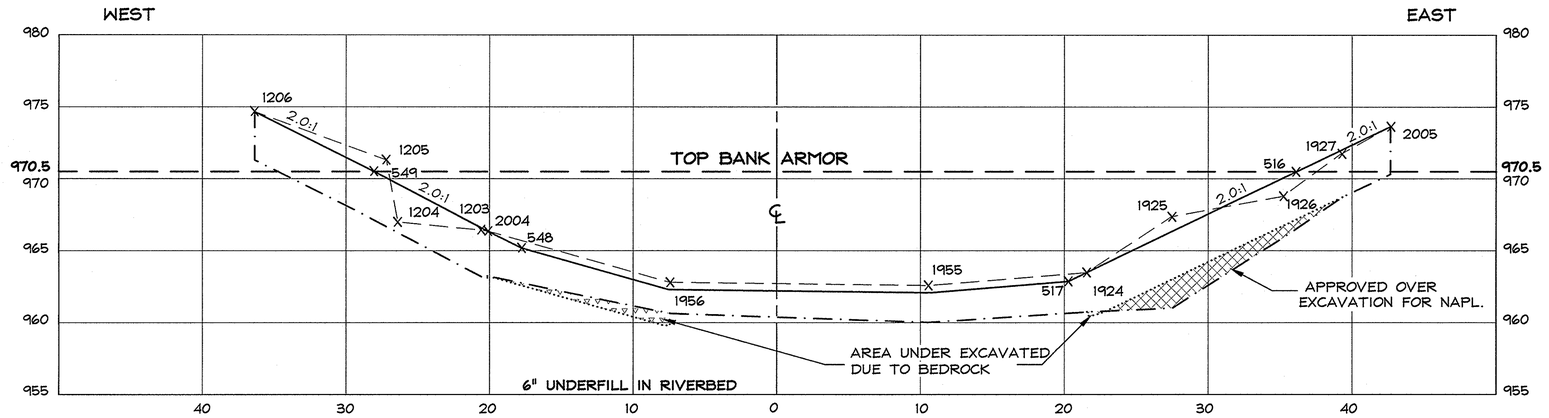
DRAWN BY	TMA
DATE DRAWN	3-11-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 18419 AS-BUILTS.DWG

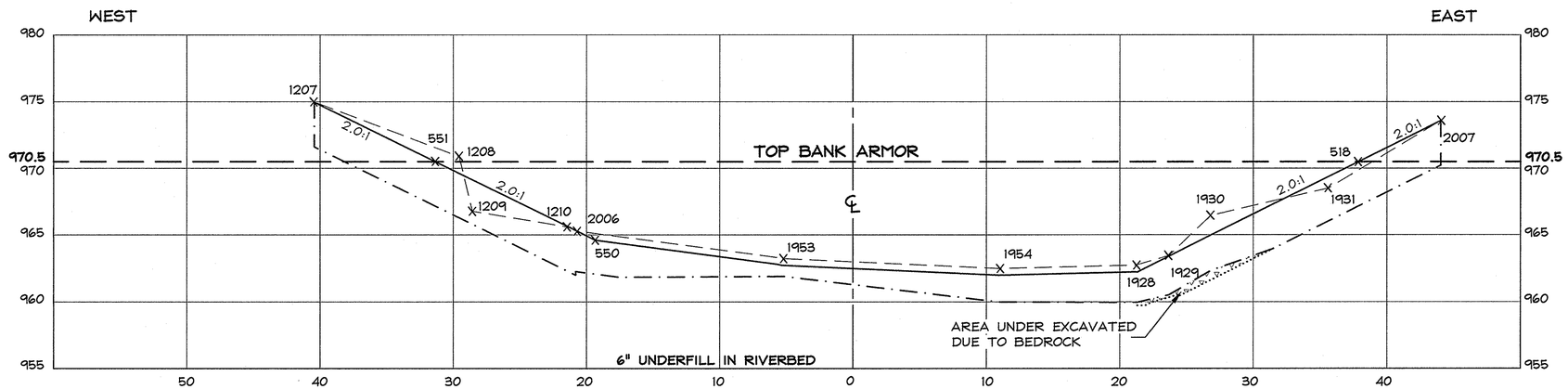
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

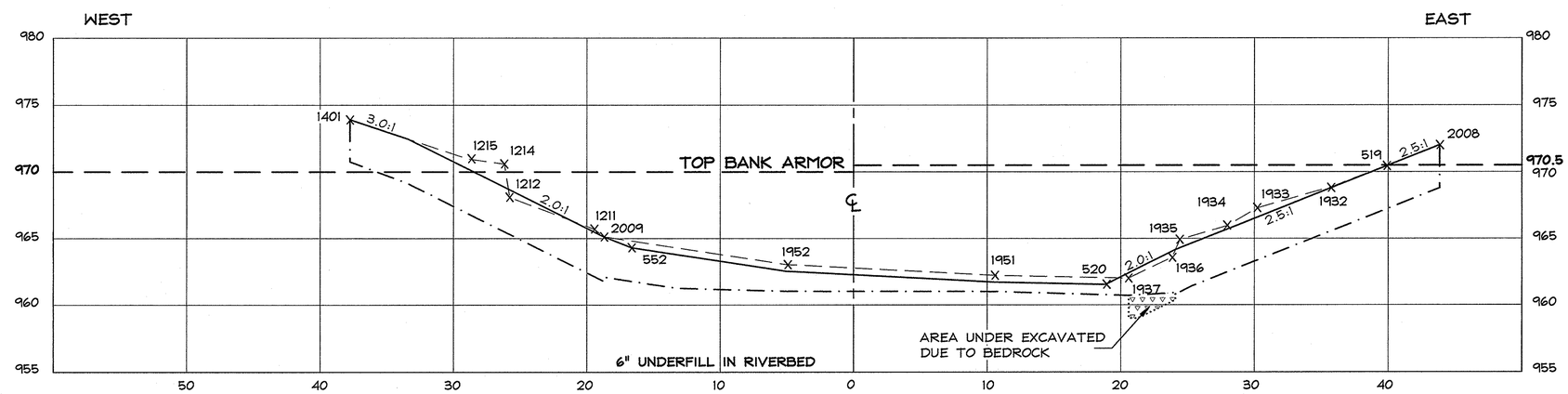
DRAWING NUMBER	REV.
C-321	B



STA. 535+50



STA. 535+75



STA. 536+00

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- 1401 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR.		3-11-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 535+50 TO 536+00

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

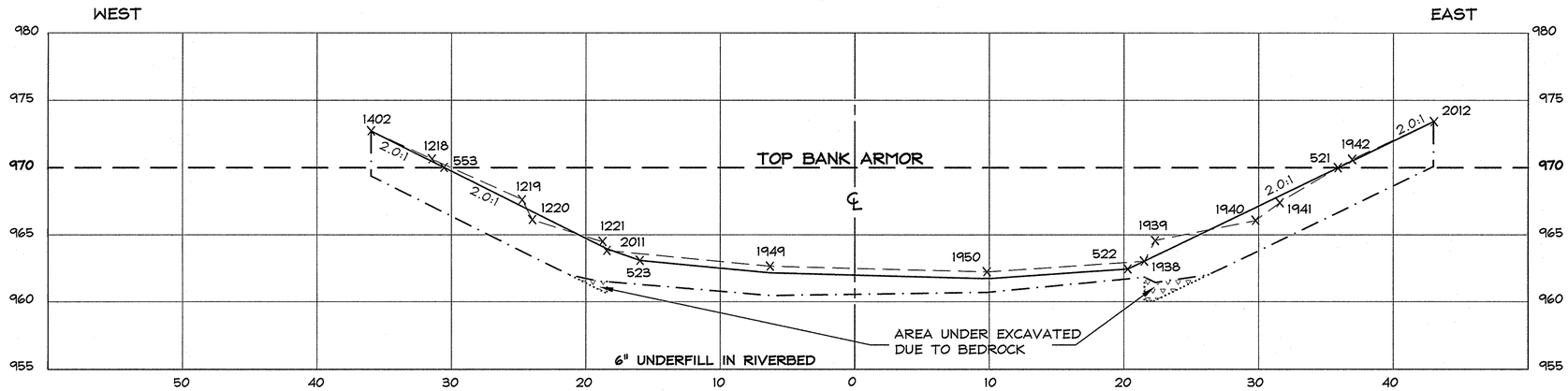
DRAWN BY	TMA
DATE DRAWN	3-11-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 18#19 AS-BUILTS.DWG

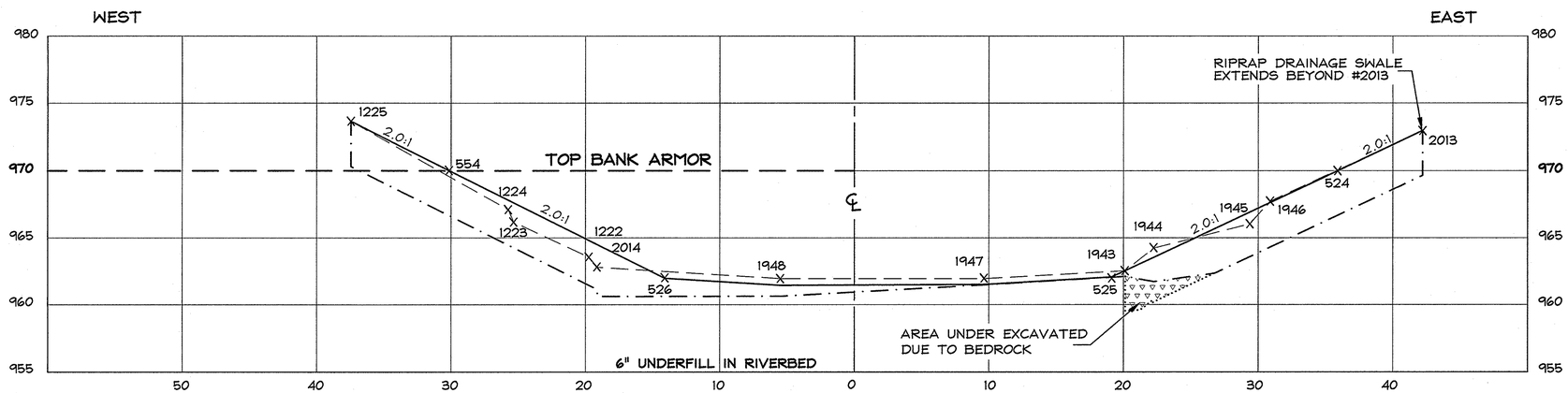
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-322	B



STA. 536+25



STA. 536+50

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- X 1225 — HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-11-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.

EAST BRANCH HOUSATONIC RIVER, PHASE 2

FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 536+25 TO 536+50

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

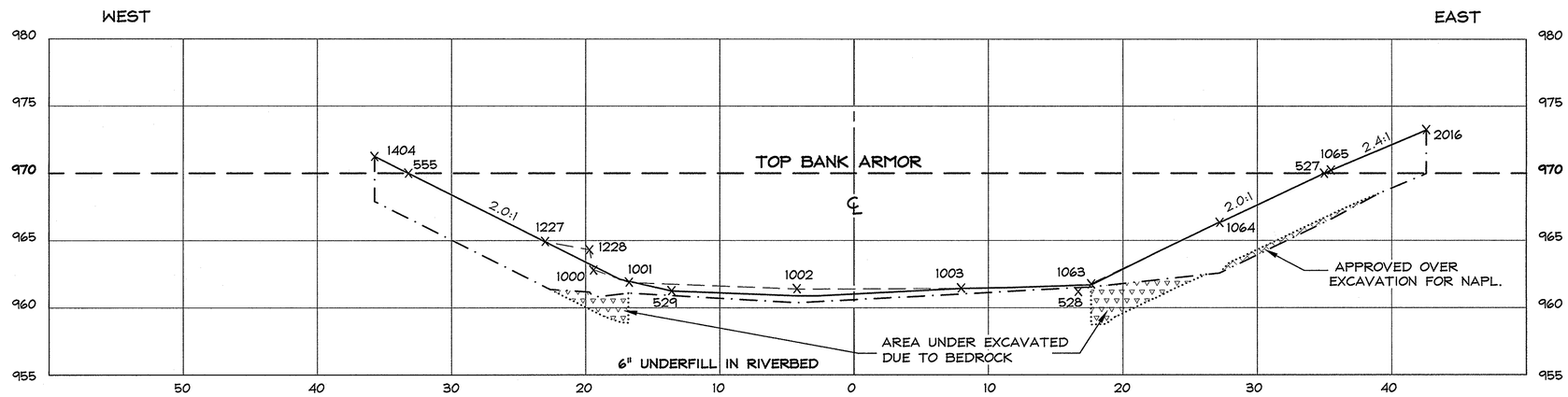
DRAWN BY	TMA
DATE DRAWN	3-11-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 18&19 AS-BUILTS.DWG

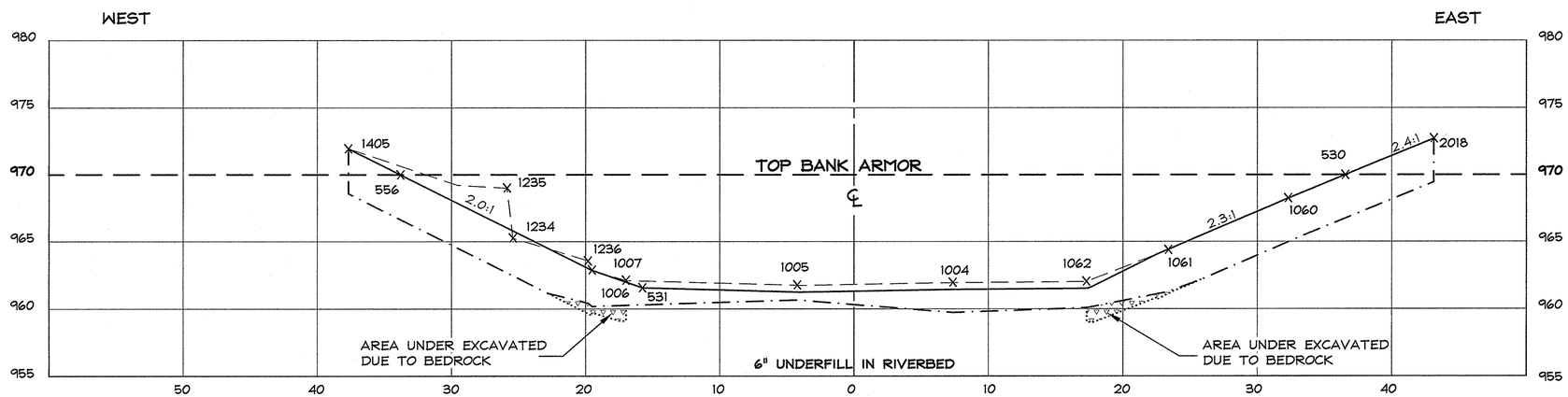
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

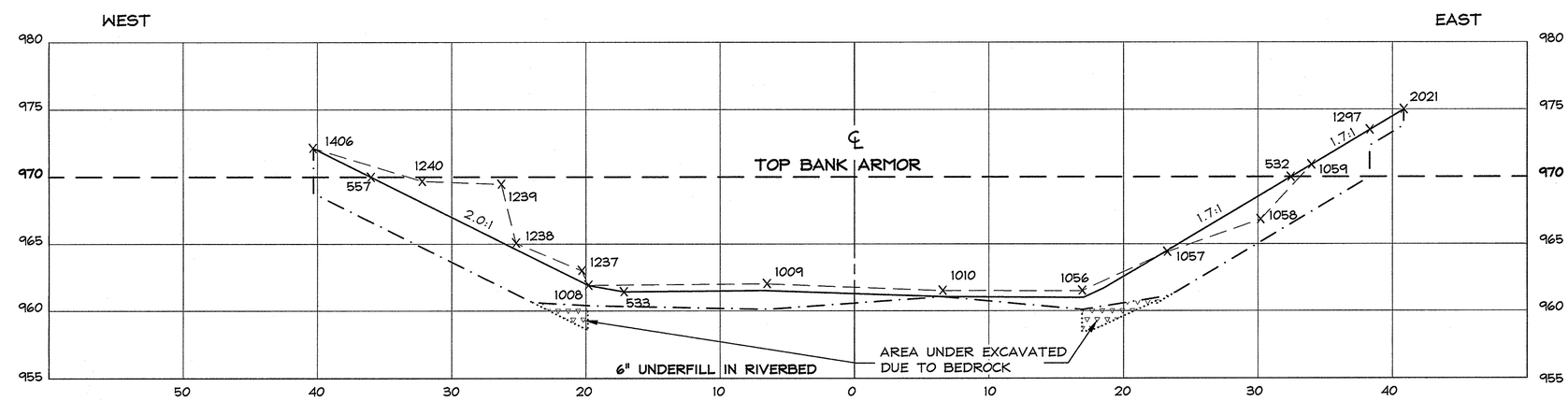
DRAWING NUMBER	REV.
C-323	B



STA. 536+75



STA. 537+00



STA. 537+25

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1406 — DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-11-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 536+75 TO 537+25

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

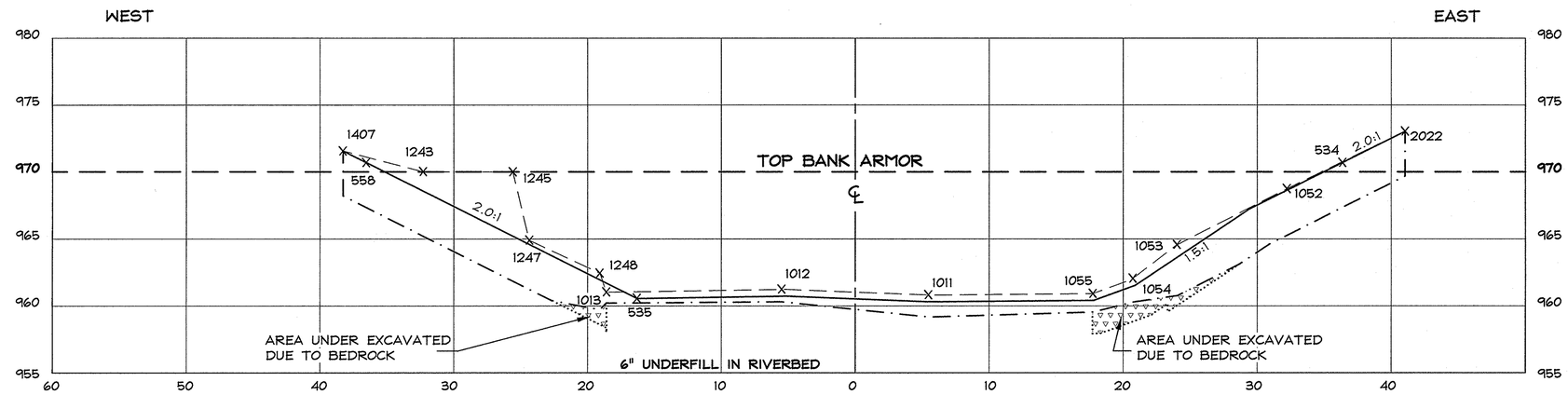
DRAWN BY	TMA
DATE DRAWN	3-11-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 18419 AS-BUILTS.DWG

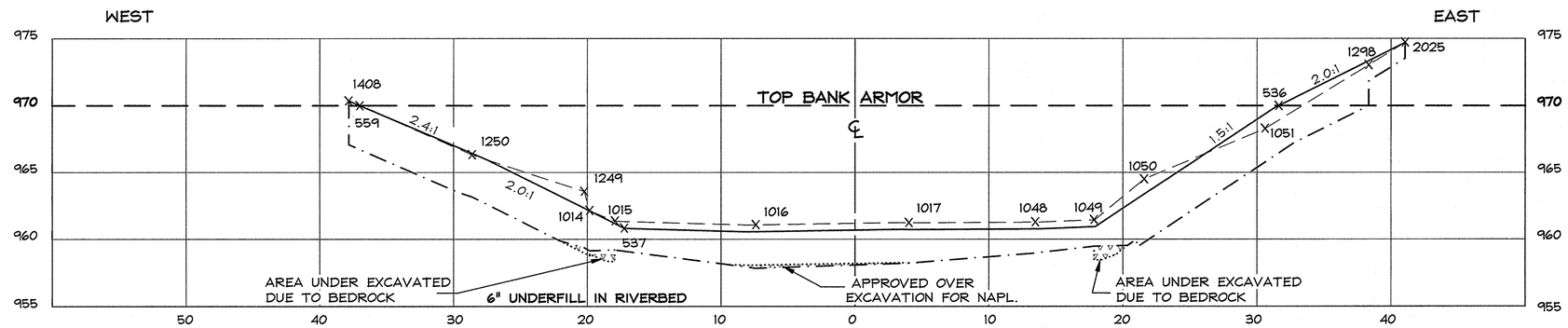
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

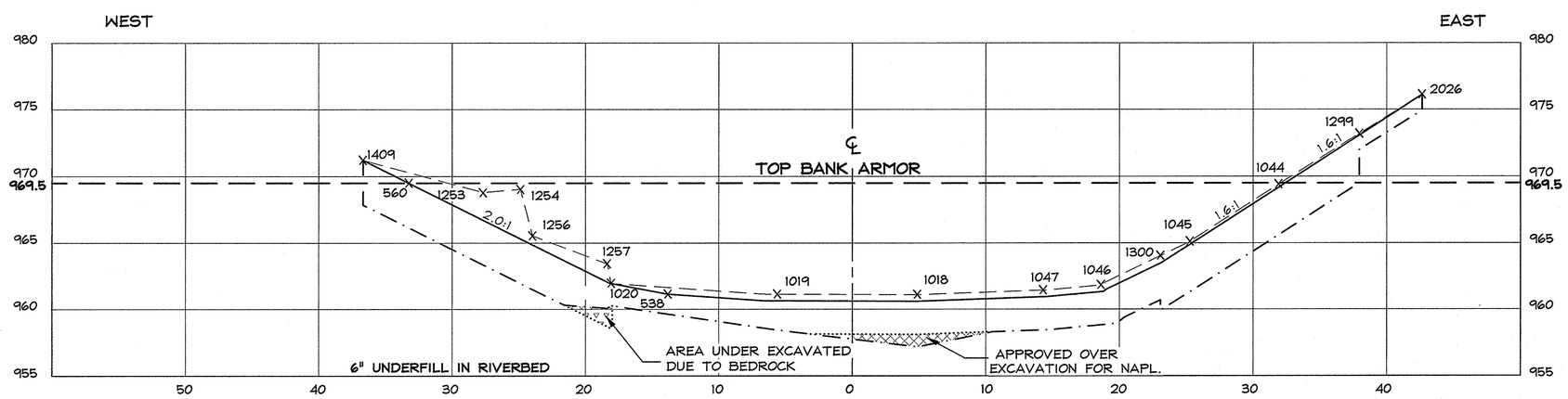
DRAWING NUMBER	REV.
C-324	B



STA. 537+50



STA. 537+75



STA. 538+00

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1409 — DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-11-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 537+50 TO 538+00

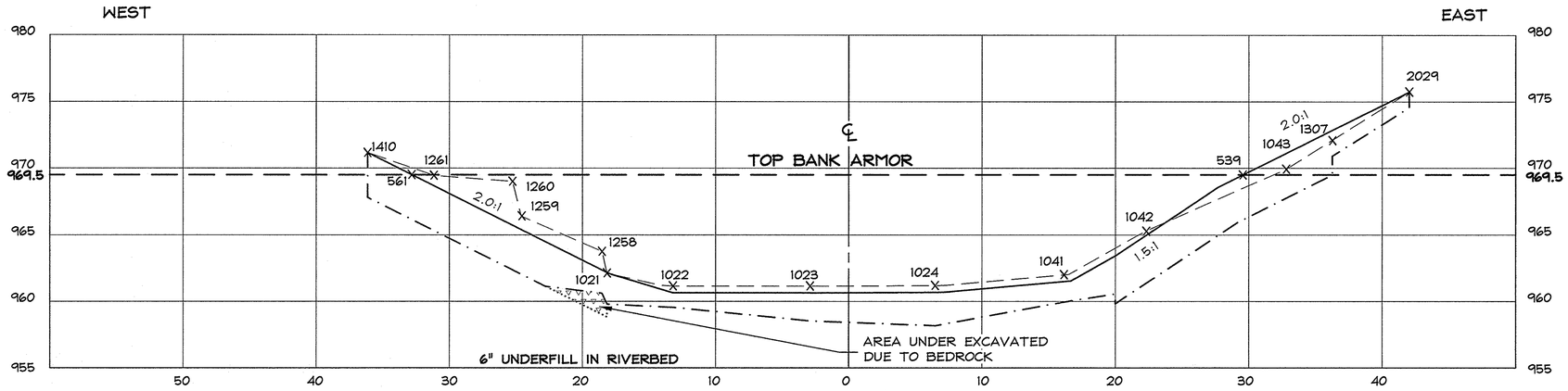
DRAWN BY	TMA
DATE DRAWN	3-11-05
SCALE	1"=5'
APV'D BY	

CAD CODE: CELL 18419 AS-BUILTS.DWG

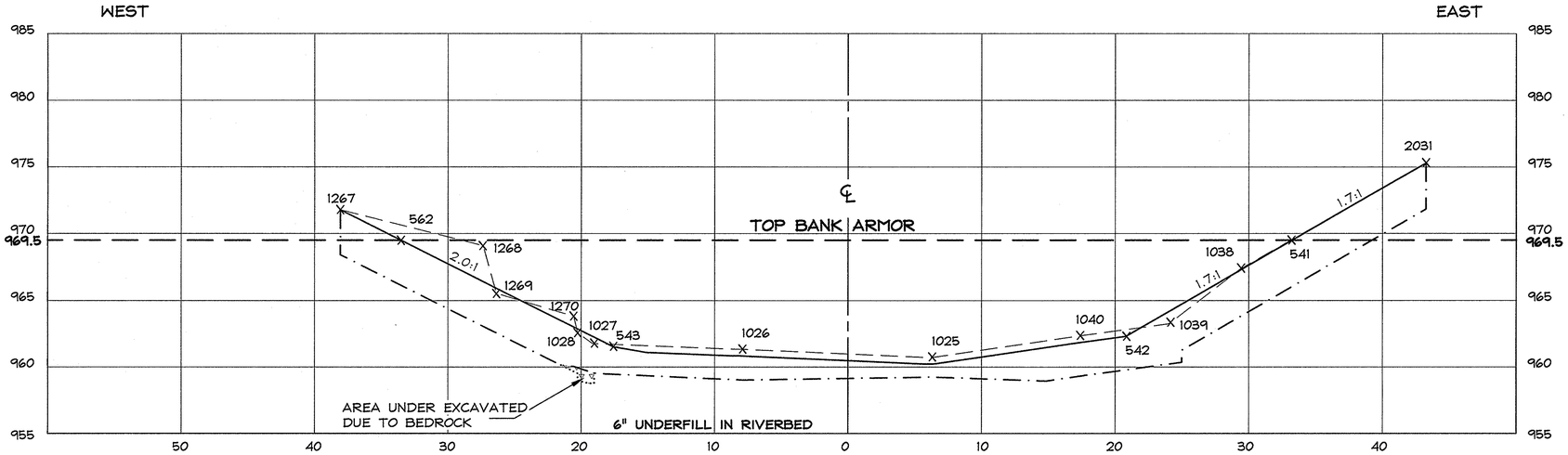
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

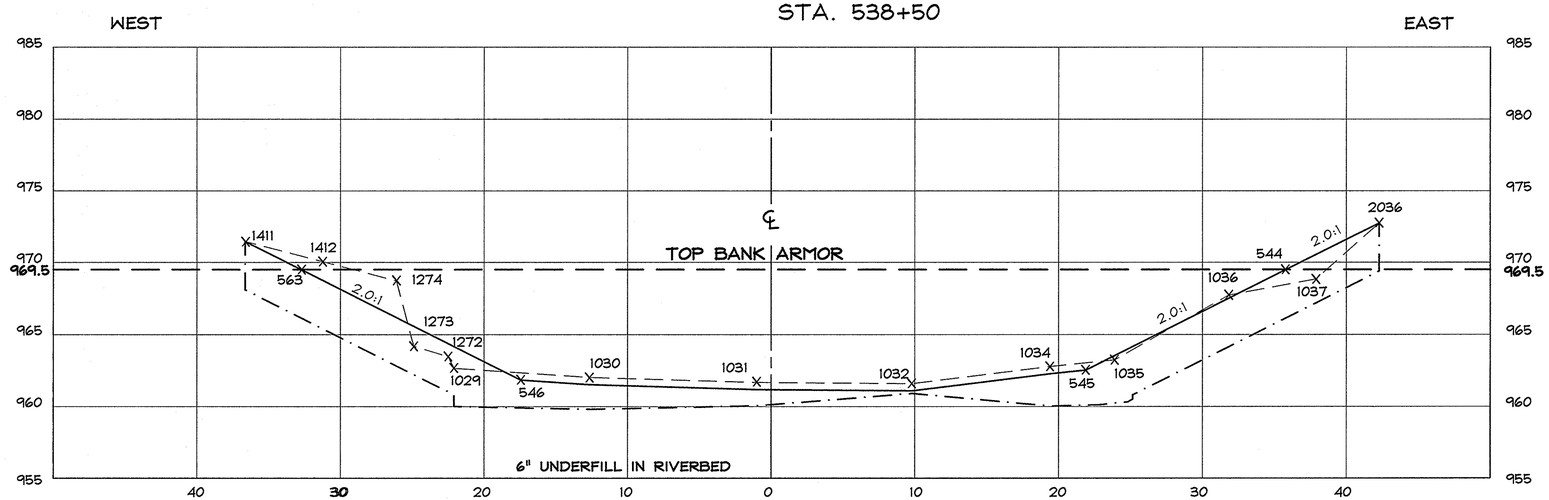
DRAWING NUMBER	REV.
C-325	B



STA. 538+25



STA. 538+50



STA. 538+75

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1411
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-11-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE
AS-BUILT SECTIONS
STATIONS 538+25 TO 538+75

PROJECT DESCRIPTION
PHASE #2
AS-BUILT DRAWINGS

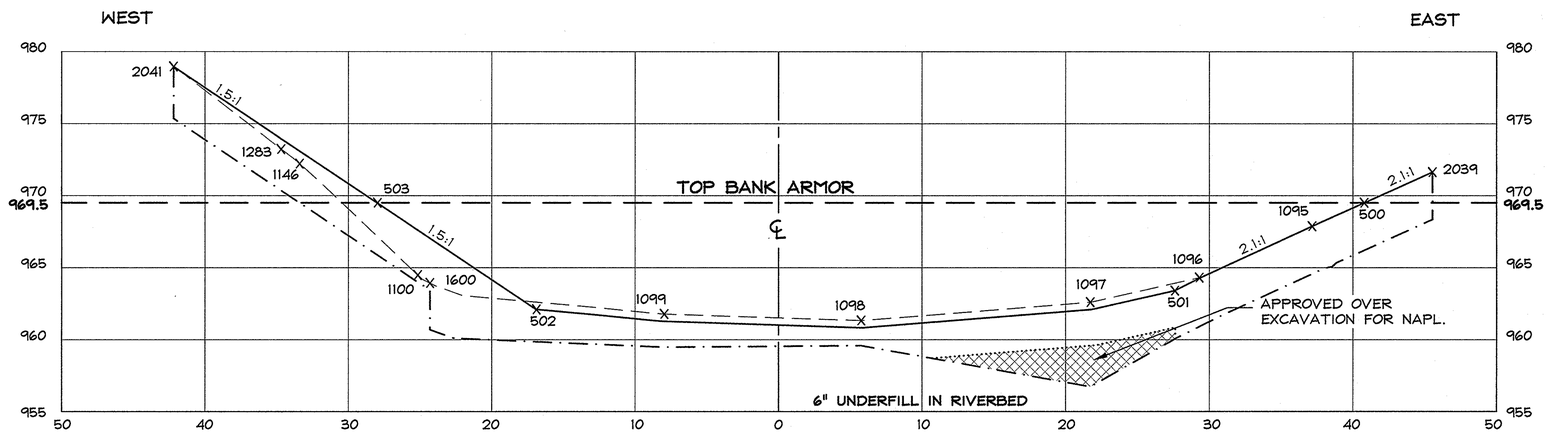
DRAWN BY	TMA
DATE DRAWN	3-11-05
SCALE	1"=5'
APV'D BY	

CAD CODE:
CELL 18419 AS-BUILTS.DWG

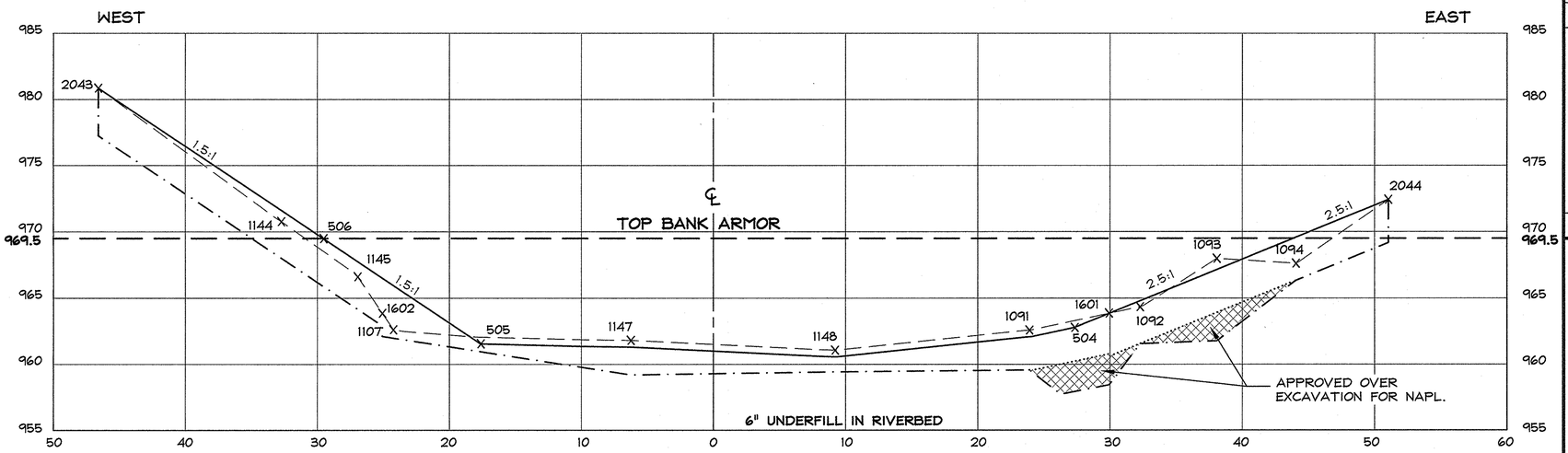
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER:
SRV-758-43

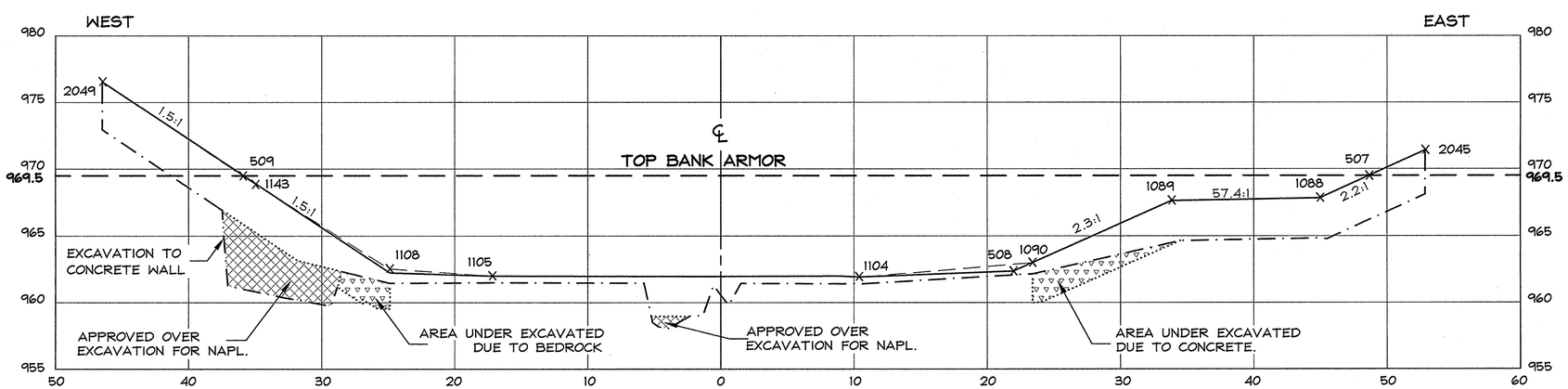
DRAWING NUMBER	REV.
C-326	B



STA. 539+00



STA. 539+25



STA. 539+50

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1108 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-14-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 539+00 TO 539+50

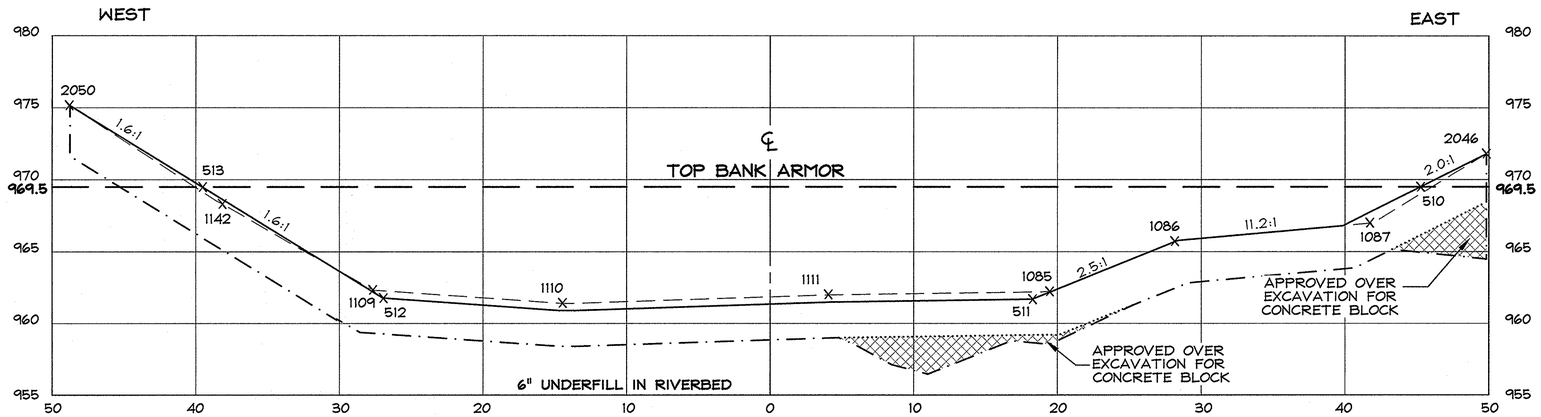
DRAWN BY	TMA
DATE DRAWN	3-14-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILTS_3-1-05.DWG

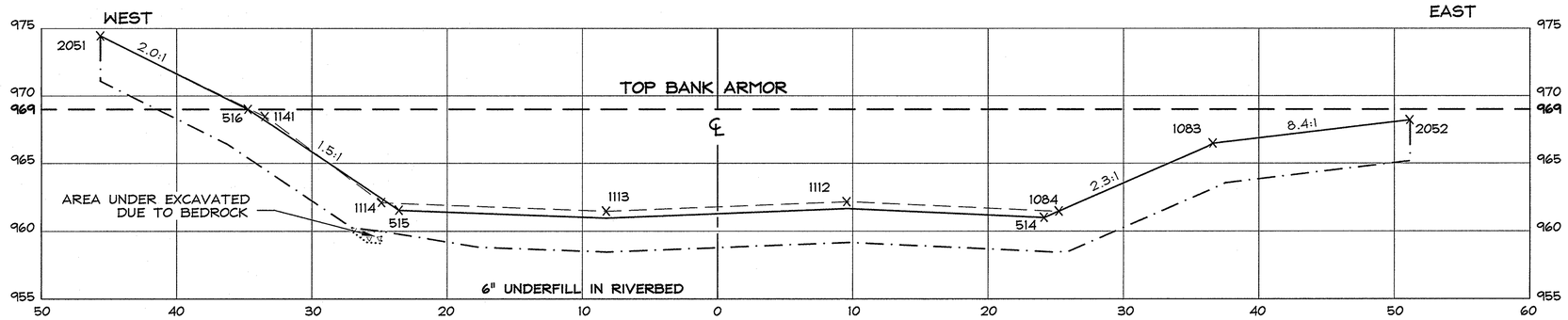
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

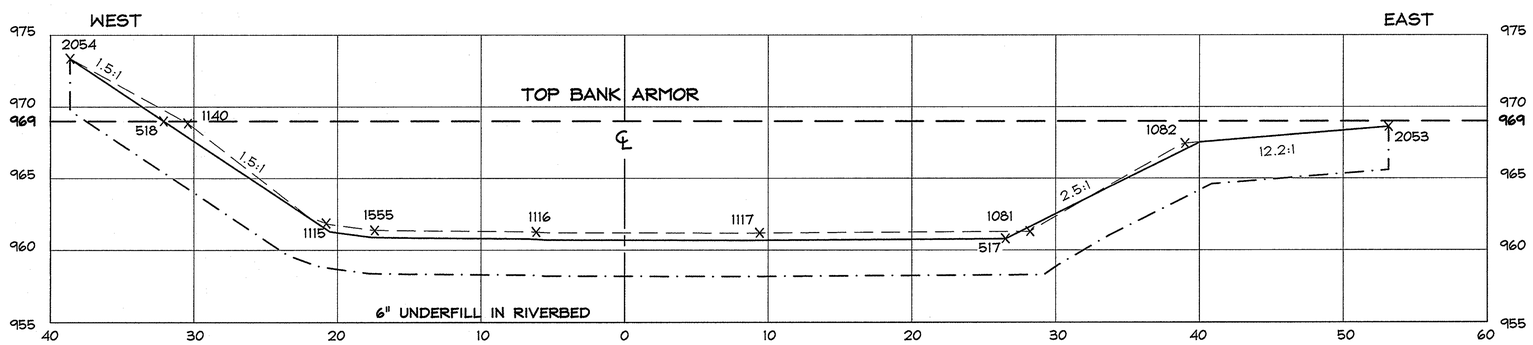
DRAWING NUMBER	REV.
C-327	B



STA. 539+75



STA. 540+00



STA. 540+25

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1140 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-14-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 539+75 TO 540+25

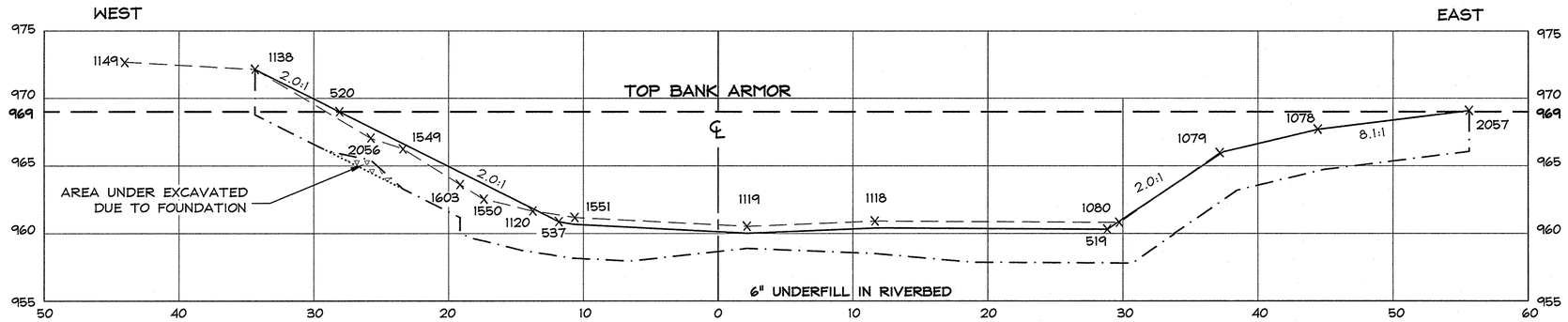
DRAWN BY	TMA
DATE DRAWN	3-14-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILTS_3-1-05.DWG

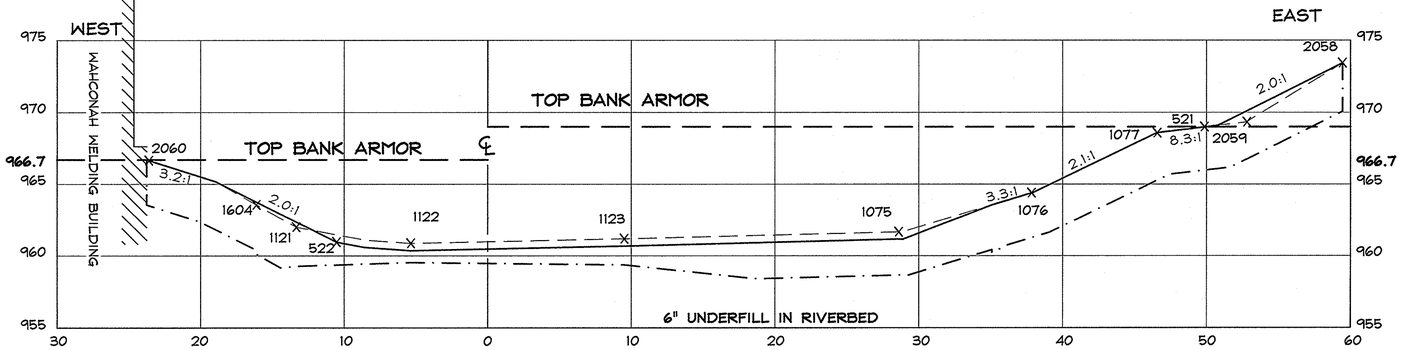
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

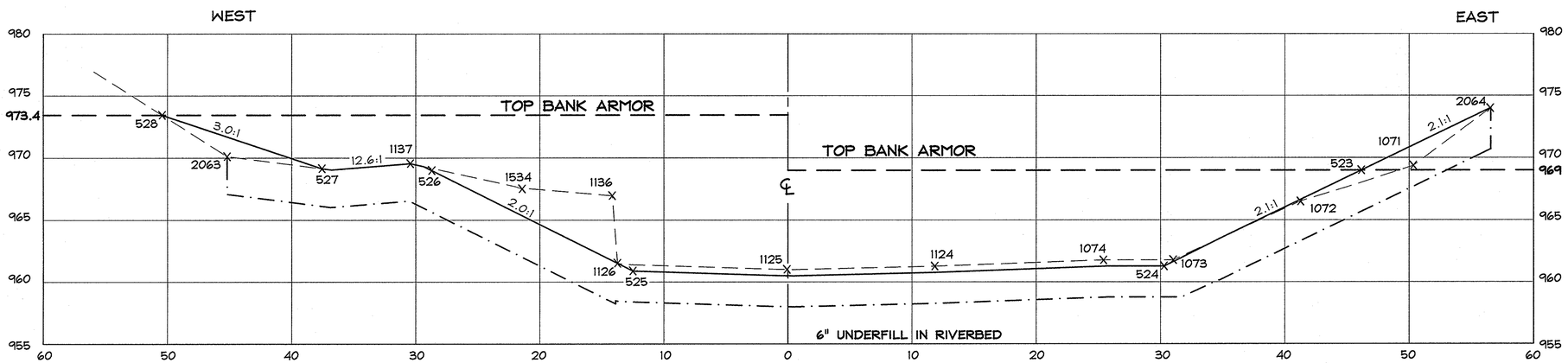
DRAWING NUMBER	REV.
C-328	B



STA. 540+50



STA. 540+75



STA. 541+00

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- 1137 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-14-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 540+50 TO 541+00

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

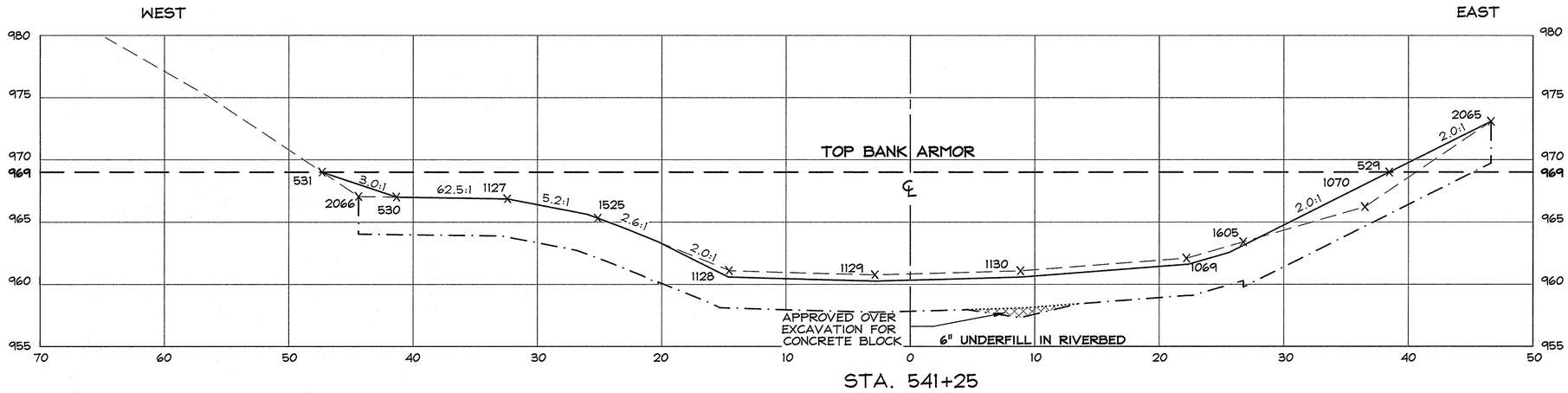
DRAWN BY	TMA
DATE DRAWN	3-14-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILTS_3-1-05.DWG

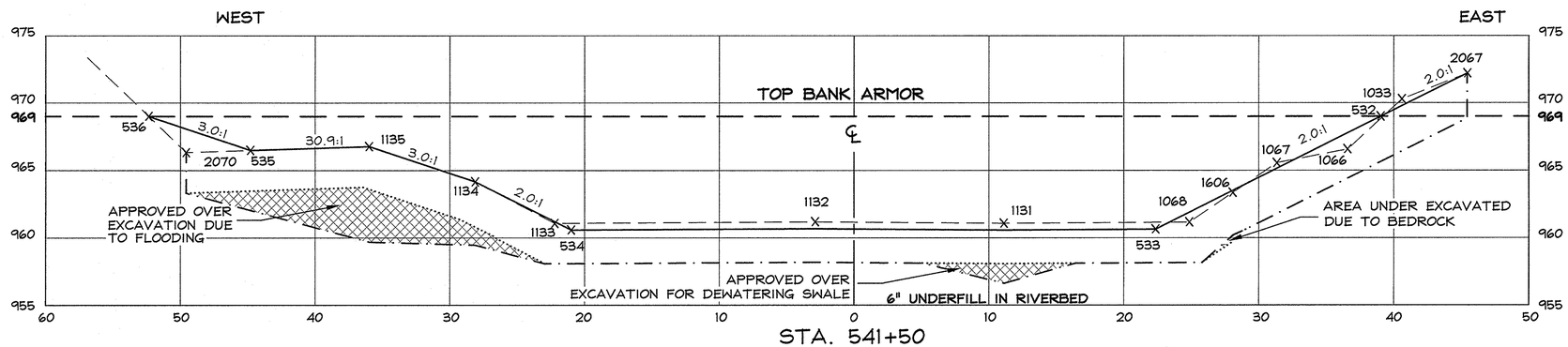
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-329	B



STA. 541+25



STA. 541+50

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1135 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION
- APPROVED OVER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-14-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 541+25 TO 541+50

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

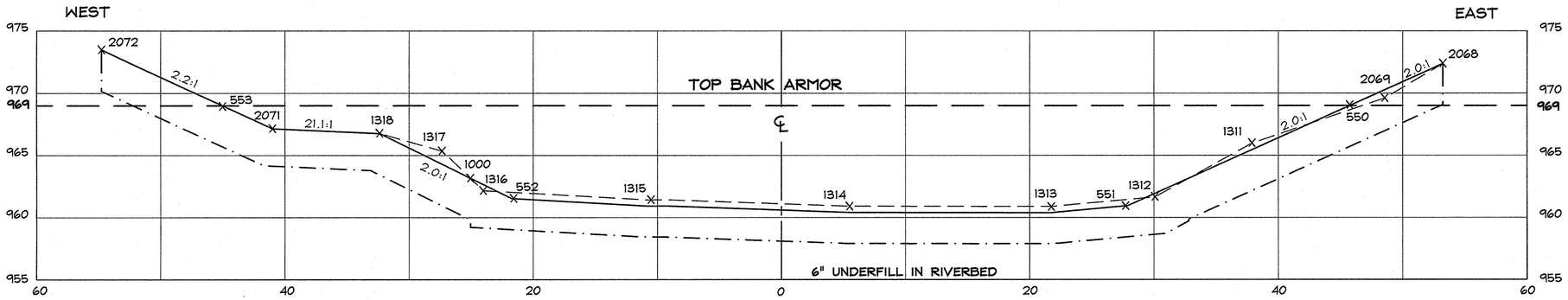
DRAWN BY	TMA
DATE DRAWN	3-14-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS-BUILTS_3-1-05.DWG

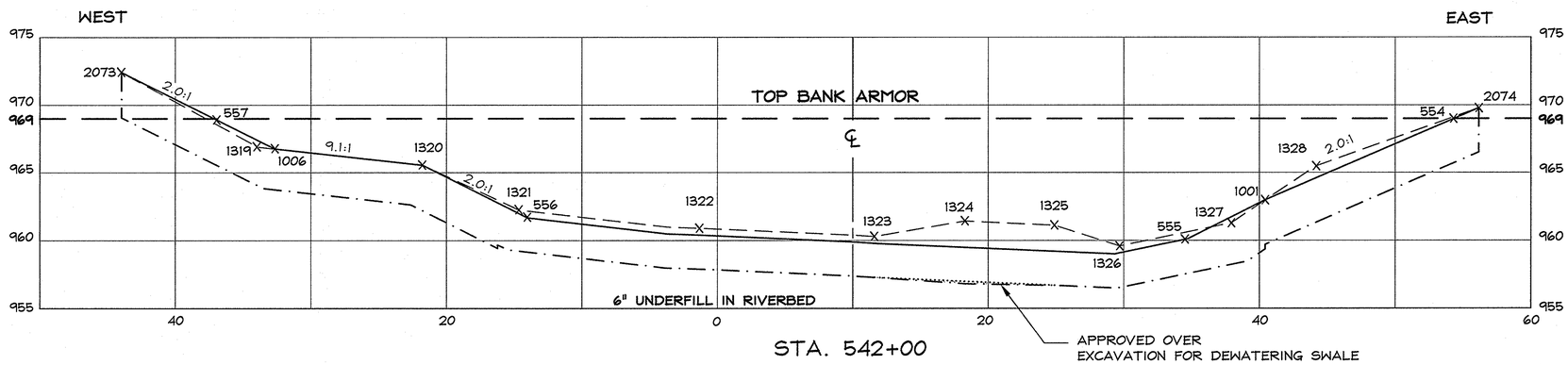
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

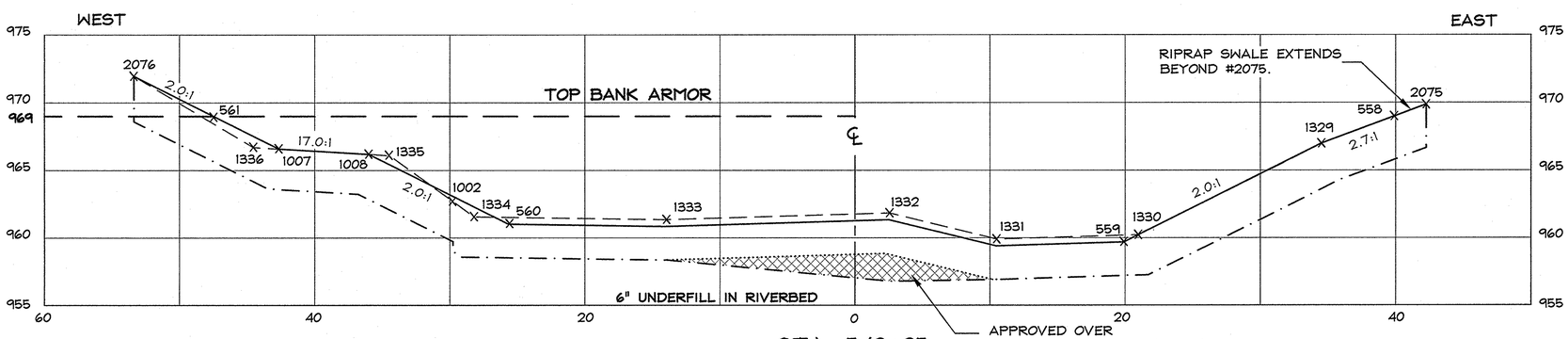
DRAWING NUMBER	REV.
C-330	B



STA. 541+75



STA. 542+00



STA. 542+25

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1333 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		3-15-05
B	GENERAL REVISIONS	TMA		1-11-07

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 541+75 TO 542+25

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

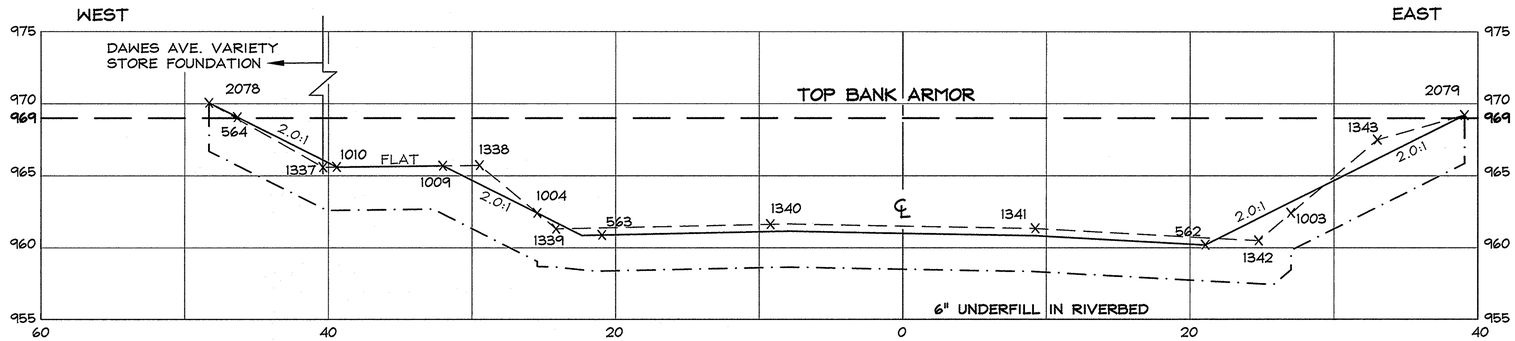
DRAWN BY	TMA
DATE DRAWN	3-15-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS_BUILT.DWG

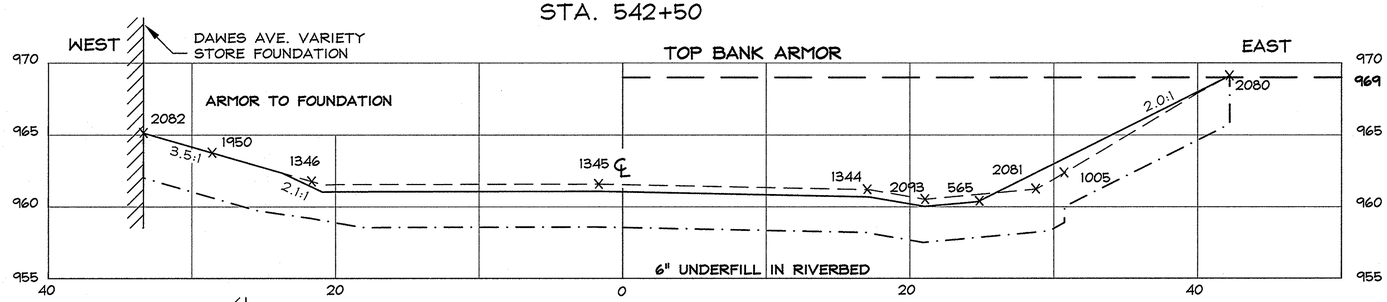
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

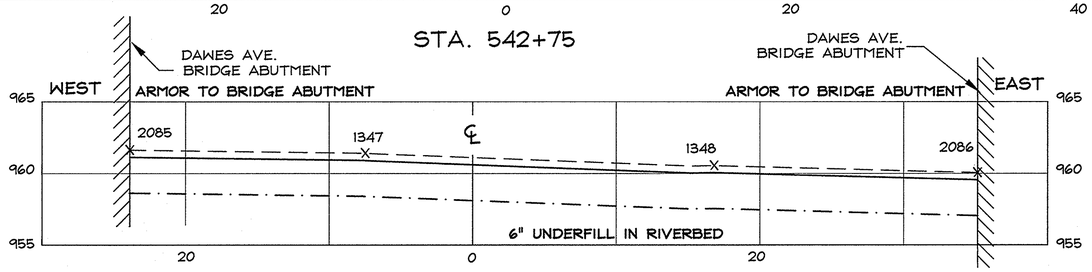
DRAWING NUMBER	REV.
C-331	B



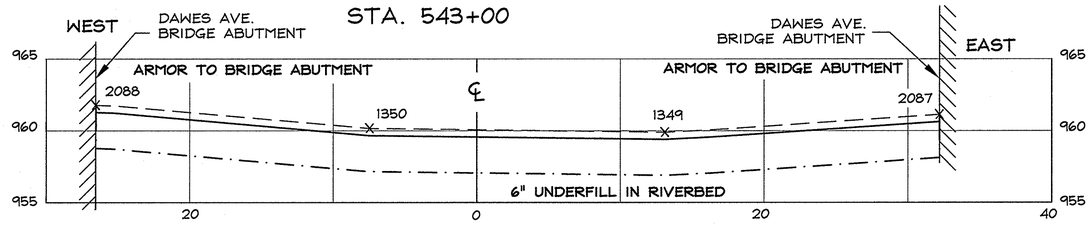
STA. 542+50



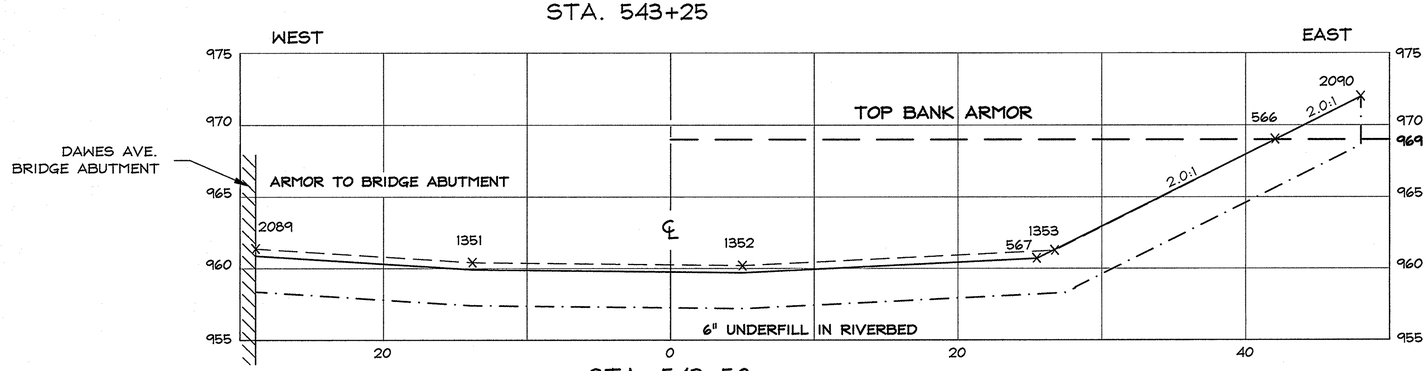
STA. 542+75



STA. 543+00



STA. 543+25



STA. 543+50

SECTION LEGEND

- EXISTING ELEV. (HILL 2004)
- EXCAVATION ELEV.
- RESTORATION ELEV.
- x 1333 HILL TOPO POINT
- DESIGN EXCAVATION ELEVATION (IF DIFFERENT FROM ACTUAL EXCAVATION)
- APPROVED UNDER EXCAVATION

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		3-15-05
B	GENERAL REVISIONS	TMA		1-11-08

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WESTON SOLUTIONS, INC.
EAST BRANCH HOUSATONIC RIVER, PHASE 2
FROM ELM STREET BRIDGE, PITTSFIELD, MA

DRAWING TITLE: AS-BUILT SECTIONS STATIONS 542+50 TO 543+50

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

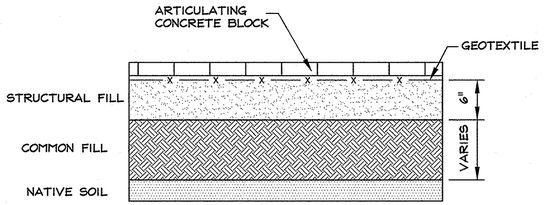
DRAWN BY	TMA
DATE DRAWN	3-15-05
SCALE	1"=5'
APV'D BY	

CAD CODE: AS_BUILT.DWG

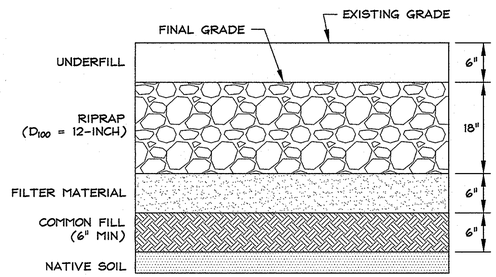
GRAPHIC SCALE: 0 5 10

PROJECT NUMBER: SRV-758-43

DRAWING NUMBER	REV.
C-332	B



RIVERBED STATIONS 522+30 TO 524+00



RIVERBED STATIONS 524+00 TO 543+50

NOTE: COMMON FILL, FILTER MATERIAL, AND RIP RAP LAYER THICKNESS MAY HAVE BEEN MODIFIED AND OR OMITTED COMPLETELY IN AREAS WHERE BEDROCK WAS ENCOUNTERED ABOVE THE DESIGN ELEVATION AND PRECLUDED PLACEMENT OF TYPICAL BACKFILL SEQUENCE.

1	TYPICAL RIVERBED BACKFILL DETAILS
C-501	N.T.S.

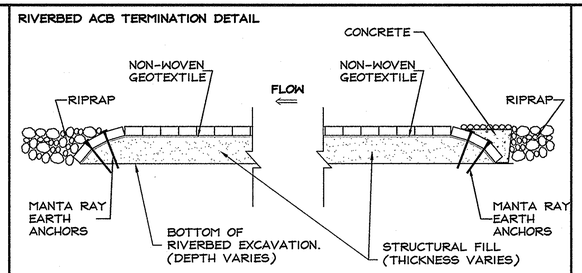
RIVERBANK BACKFILL REQUIREMENTS

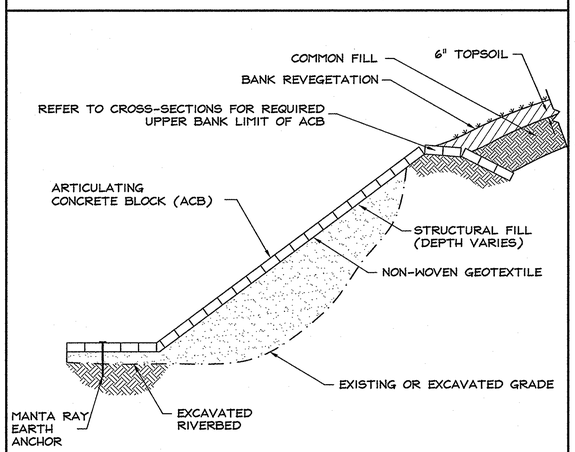
STATION	RIPRAP		FILTER MATERIAL	COMMON FILL
	SIZE	THICKNESS		
EAST				
524+00 TO 527+60	12"	18"	6"	*
527+60 TO 529+75	12"	18"	6"	*
529+75 TO 536+75	18"	24"	6"	*
536+75 TO 538+35	18"	24"	6"	*
538+35 TO 543+50	18"	24"	6"	*
WEST				
524+00 TO 527+60	12"	18"	6"	*
527+60 TO 529+60	12"	18"	6"	*
528+60 TO 529+40	12"	18"	6"	*
529+40 TO 529+60	12"	18"	6"	*
529+60 TO 531+40	12"	18"	6"	*
531+40 TO 533+50	12"	18"	6"	*
533+50 TO 534+50	18"	24"	6"	*
534+50 TO 539+00	18"	24"	6"	*
539+00 TO 540+00	18"	24"	6"	*
540+00 TO 543+50	18"	24"	6"	*

* COMMON FILL THICKNESS VARIES IN ORDER TO ACHIEVE PROPER SUBGRADE ELEVATION FOR INSTALLATION OF FILTER MATERIAL AND RIP RAP LAYERS TO DESIGN FINAL GRADE.

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

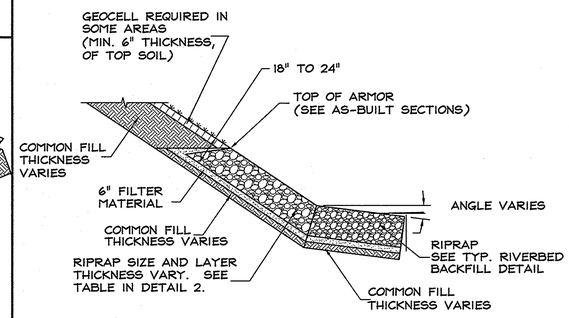
RIVERBED ACB TERMINATION DETAIL



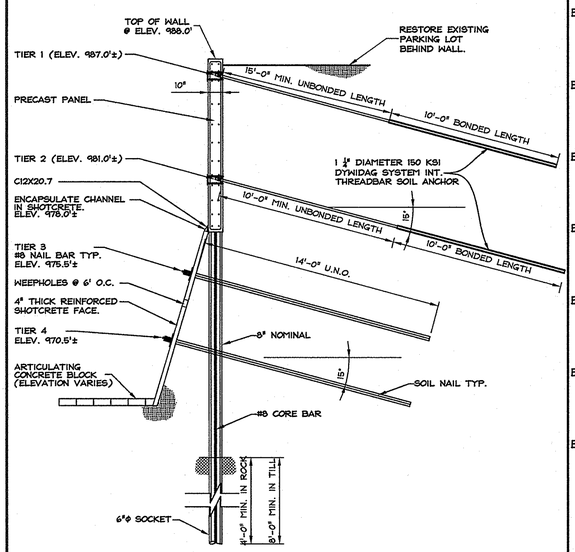


STATIONS 522+30 TO 524+00

3	ARTICULATING CONCRETE BLOCK (ACB) DETAILS
C-501	N.T.S.

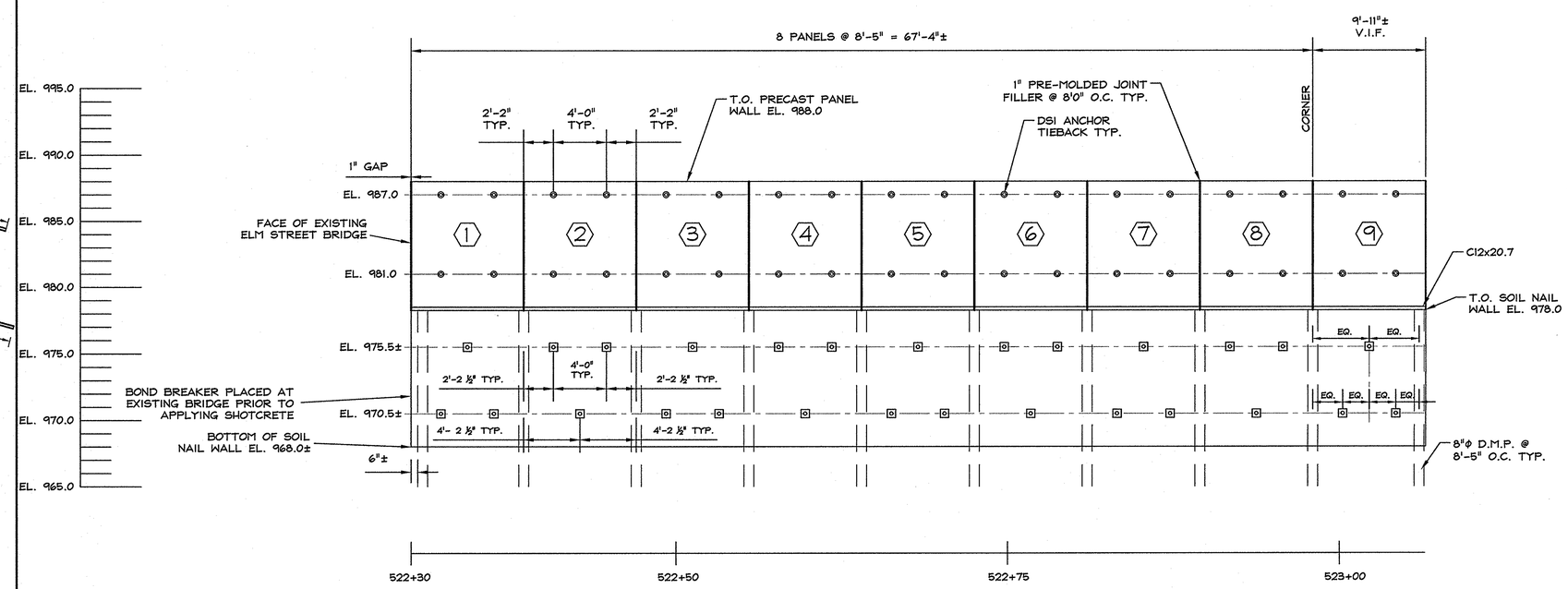


4	TYPICAL RIVERBANK BACKFILL SEQUENCE
C-501	N.T.S.



STATIONS 522+30± TO 523+00±

5	PROPOSED CONCRETE RETAINING WALL SECTION
C-501	N.T.S.



6	ELEVATION CONCRETE PANELIZED RETAINING WALL (STATIONS 522+30± TO 523+00±)
C-501	SCALE: 1"=5'

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REV.	DESCRIPTION	DR'N	CK'D.	DATE
A	ISSUED FOR COMMENT	JR		1-18-07

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WESTON SOLUTIONS, INC
EAST BRANCH HOUSATONIC RIVER, PHASE 2
BELOW ELM STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT DETAILS

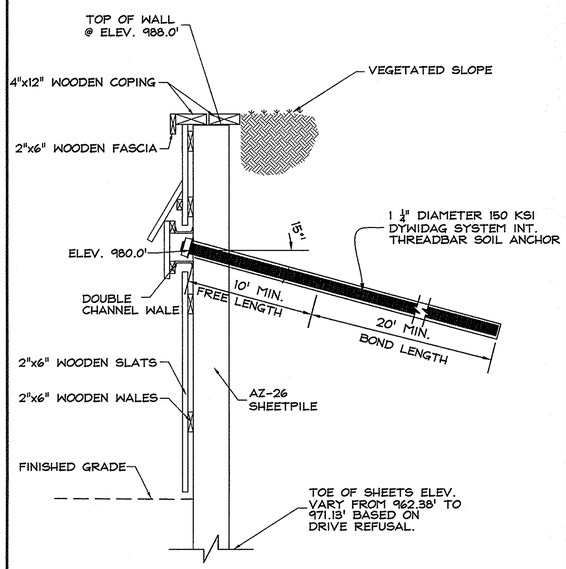
DRAWN BY	JR
DATE DRAWN	1-17-07
SCALE	AS-NOTED
APV'D BY	

CAD CODE: C-500-M.DWG

GRAPHIC SCALE:

PROJECT NUMBER: SRV-758-43

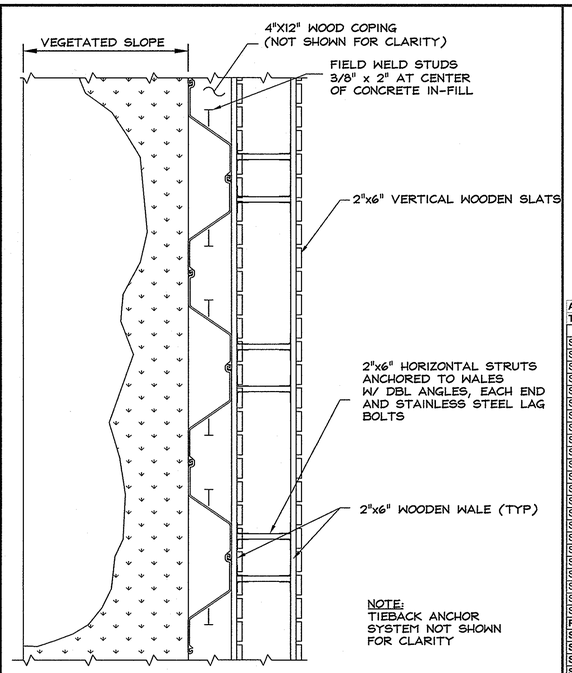
DRAWING NUMBER	REV.
C-501	A



NOTE: ALL WOODEN COMPONENTS ACQ PRESSURE TREATED.

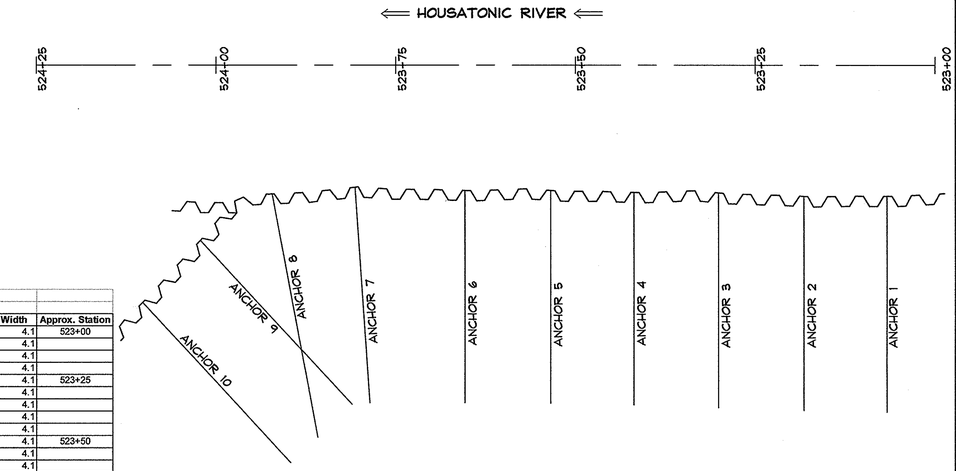
STATIONS 523+00± TO 524+24±

7	ANCHORED SHEET PILE WALL SECTION
C-502	N.T.S.



STATIONS 523+00± TO 524+24±

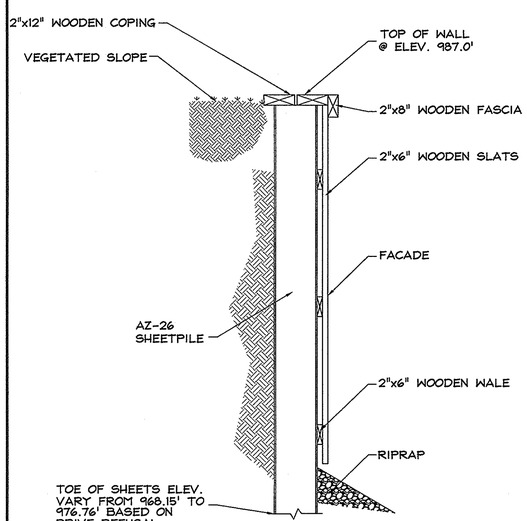
8	PARTIAL PLAN ANCHORED SHEET PILE WALL
C-502	N.T.S.



Anchored Sheetpile Wall Toe of Sheet Elevations	Toe Elevation	Width	Approx. Station
Sheet 1	981.73	4.1	523+00
Sheet 2	964.68	4.1	
Sheet 3	964.53	4.1	
Sheet 4	964.69	4.1	
Sheet 5	965.32	4.1	523+25
Sheet 6	965.27	4.1	
Sheet 7	962.38	4.1	
Sheet 8	964.18	4.1	
Sheet 9	964.99	4.1	
Sheet 10	965.04	4.1	523+50
Sheet 11	964.68	4.1	
Sheet 12	963.98	4.1	
Sheet 13	963.88	4.1	
Sheet 14	963.81	4.1	
Sheet 15	963.89	4.1	
Sheet 16	964.43	4.1	523+75
Sheet 17	963.98	4.1	
Sheet 18	966.23	4.1	
Sheet 19	966.18	4.1	
Sheet 20	965.868	4.1	
Sheet 21	966.23	4.1	
Sheet 22	967.1	4.1	524+00
Sheet 23	966.39	4.1	
RETURN			
Sheet 24	967.68	4.1	
Sheet 25	971.13	4.1	
Sheet 26	967.83	4.1	
Sheet 27	969.33	4.1	
Sheet 28	969.38	4.1	
Sheet 29	969.53	4.1	
Sheet 30	969.73	4.1	
Sheet 31	969.73	4.1	
Sheet 32	976 +/-	4.1	
Sheet 33	976 +/-	4.1	

NOTE: PLACE TIEBACKS AT CENTERLINE EACH THIRD SHEETPILE PAIR. CENTER-TO-CENTER SPACING FOR TIEBACKS IS APPROXIMATELY 12'-5" FOR AZ-26 SHEETPILE DOUBLE WITH A WIDTH OF 49.6'.

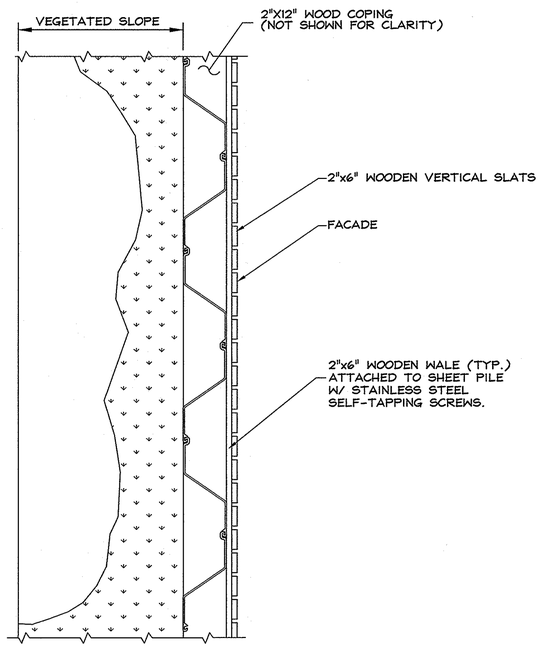
9	OVERALL PLAN ANCHORED SHEETPILE WALL (STATIONS 523+00± TO 524+24±)
C-502	N.T.S.



NOTE: ALL WOODEN COMPONENTS ACQ PRESSURE TREATED.

STATIONS 525+80± TO 526+60±

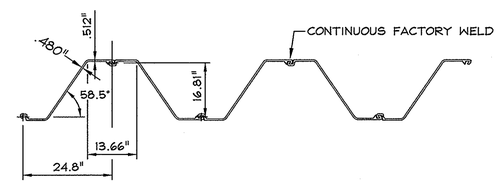
10	CANTILEVERED RETAINING WALL SECTION
C-502	N.T.S.



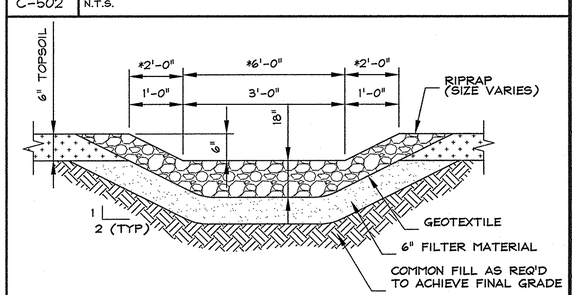
STATIONS 525+80± TO 526+60±

11	PARTIAL PLAN CANTILEVERED RETAINING WALL
C-502	N.T.S.

	Toe Elevation	Width	Approx. Station
Sheet 1	971.39	2.05	525+80
Sheet 2	971.29	2.05	
Sheet 3	970.35	2.05	
Sheet 4	970.38	2.05	
Sheet 5	968.54	2.05	
Sheet 6	970.49	2.05	
Sheet 7	970.57	2.05	
Sheet 8	968.53	2.05	
Sheet 9	968.45	2.05	
Sheet 10	968.24	2.05	
Sheet 11	968.81	2.05	
Sheet 12	969.31	2.05	
Sheet 13	968.73	2.05	526+00
Sheet 14	968.49	2.05	
Sheet 15	969.55	2.05	
Sheet 16	968.85	2.05	
Sheet 17	968.41	2.05	
Sheet 18	968.75	2.05	
Sheet 19	968.15	2.05	
Sheet 20	970.54	2.05	
Sheet 21	971.49	2.05	
Sheet 22	972.4	2.05	
Sheet 23	972.53	2.05	
Sheet 24	975.21	2.05	
Sheet 25	976.34	2.05	
Sheet 26	976.76	2.05	526+25
Sheet 27	976.35	2.05	
Sheet 28	975.82	2.05	
Sheet 29	972.3	2.05	
Sheet 30	974.32	2.05	
Sheet 31	972.3	2.05	
Sheet 32	975.28	2.05	
Sheet 33	975.28	2.05	
Sheet 34	975.93	2.05	
Sheet 35	975.32	2.05	
Sheet 36	975	2.05	
Sheet 37	974.63	2.05	
Sheet 38	974.67	2.05	
Sheet 39	973.61	2.05	
Sheet 40	973.81	2.05	526+50
Sheet 41	972.45	2.05	
Sheet 42	970.04	2.05	
Sheet 43	969.75	2.05	
Sheet 44	970.76	2.05	
Sheet 45	970.64	2.05	
Sheet 46	970.69	2.05	
Sheet 47	970.31	2.05	



12	AZ-26 SHEET PILE WALL DETAIL
C-502	N.T.S.



* DENOTES DIMENSIONS FOR 6 FOOT WIDE SWALE

13	RIP-RAP SWALE DETAIL
C-502	N.T.S.

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EAST BRANCH HOUSATONIC RIVER, PHASE 2
BELOW ELM STREET BRIDGE, PITTSFIELD MA

PROJECT DESCRIPTION: PHASE #2 AS-BUILT DRAWINGS

DRAWING TITLE: AS-BUILT DETAILS

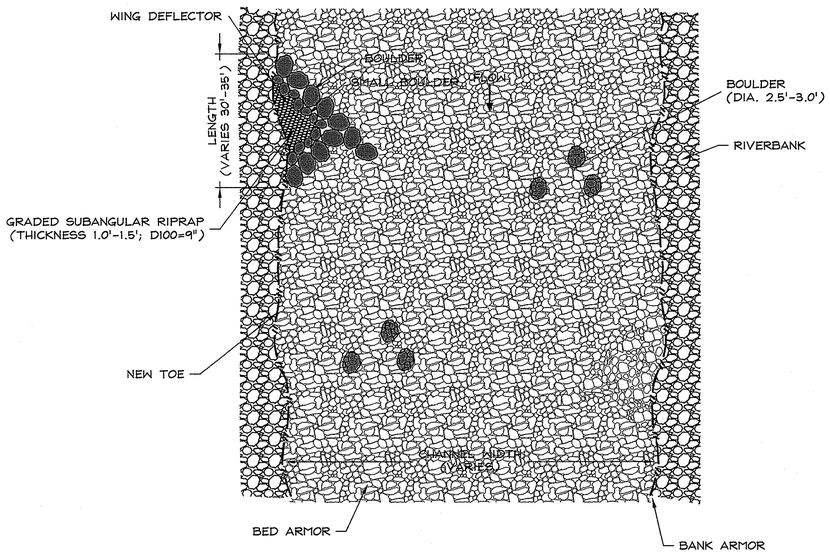
DRAWN BY	JR
DATE DRAWN	1-17-07
SCALE	AS-NOTED
APV'D BY	

CAD CODE: C-500-M.DWG

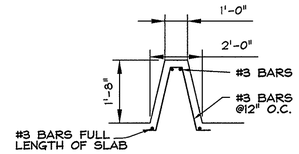
GRAPHIC SCALE:

PROJECT NUMBER: SRV-758-43

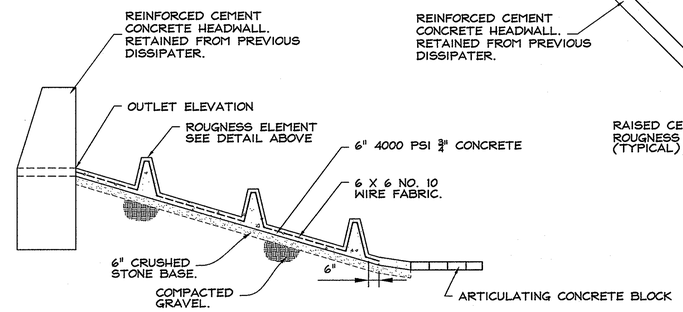
DRAWING NUMBER	REV.
C-502	A



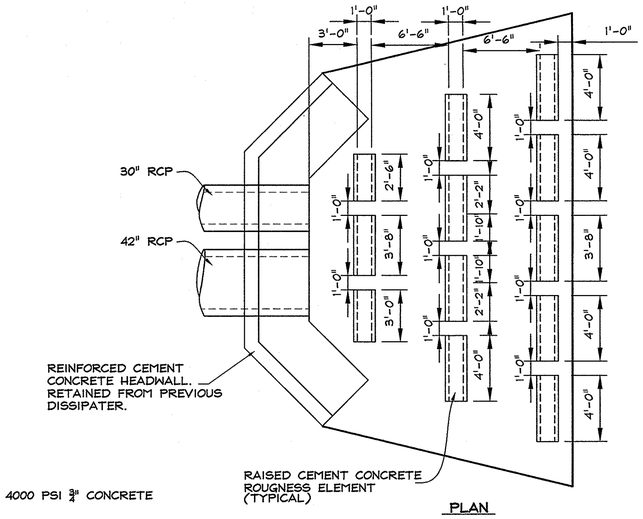
14	WING DEFLECTOR AND BOULDERS DETAIL
C-503	N.T.S.



ROUGHNESS ELEMENT DETAIL

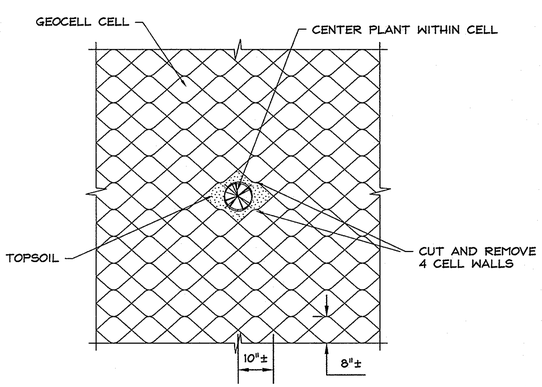


ELEVATION A - A



PLAN

15	STORMWATER OUTFALL ENERGY DISSIPATER DETAIL
C-503	N.T.S.



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

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

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DRAWING NUMBER	REV.
C-503	A