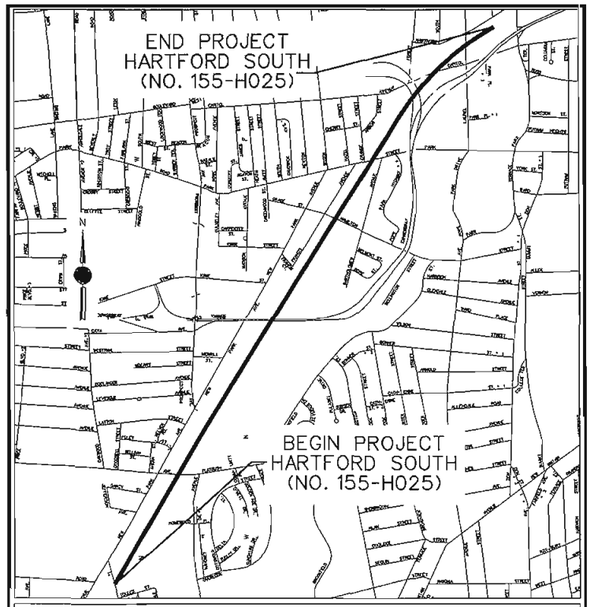


LOCATION PLAN
SCALE IN FEET
1000 0 1000 2000

CONNECTICUT DEPARTMENT OF TRANSPORTATION PLAN

FOR

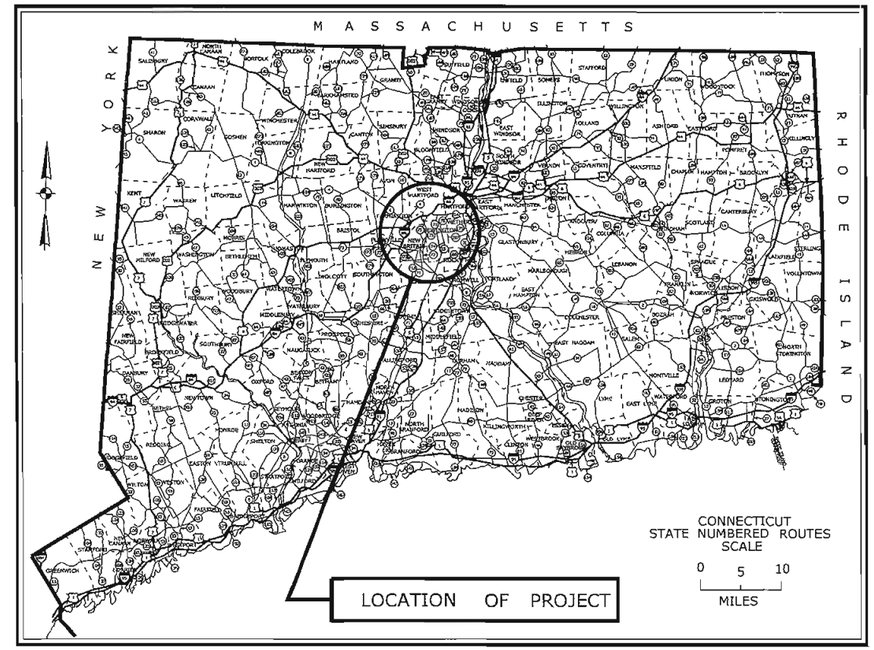
CONSTRUCTION OF
NEW BRITAIN - HARTFORD BUSWAY

IN THE TOWN(S) OF
WEST HARTFORD AND HARTFORD

FROM STA. 332+00 TO STA. 450+00 LENGTH 11,800 ft.

PERMIT SUBMISSION PLANS - NOT FOR CONSTRUCTION
JULY 29, 2010

DESIGN SCALES
- PLAN 1 in. = 40 ft.
- PROFILE HOR. 1 in. = 40 ft. VERT. 1 in. = 4 ft.
- CROSS SECTIONS 1 in. = 5 ft.
- OTHER SCALES AS NOTED



SPECIFICATIONS, FORM 816 GOVERN INCLUDING SUPPLEMENT THERETO DATED JANUARY 2009
ALL ELEVATIONS ON THIS PROJECT BASED ON NGVD OF 1929
COORDINATES BASED ON CONNECTICUT COORDINATE SYSTEM NAD 83

FEDERAL AID PROJECT NO. _____ TO BE MAINTAINED BY THE STATE STATE PROJECT NO. 155-H025

RECEIVED
LAND/WATER RESOURCES DIVISION

HALF SCALE

LIST OF DRAWING REVISIONS

SHEET NO.	DESCRIPTION	DATE	BY

LIST OF DRAWINGS

DWG. NO.	TITLE	SHEET NO.	DWG. NO.	TITLE	SHEET NO.
	TITLE SHEET	1			
	DRAINAGE PLANS	2-12			
	SEDIMENTATION & EROSION CONTROL PLANS	14-25			
	CRITICAL CROSS SECTIONS	26-45			

STANDARD EXISTNG CONVENTIONS

Hedge Row
North Arrow W/No. Coor.
Edge Of Road
Dirt Road
BCLC
Granite Curb
Guide Rail
Concrete Median Barrier
Blt. Walk
Conc. Sidewalk
Railroad Tracks
Chain Link Fence
Rustic Fence
Pipe Fence
Board Fence
Water Edge
Stream
Ditch
TOWN LINE
Grid Arrow
Limit Of Marsh
Stone Wall
Ledge Outcrop
Inland Wetland Limits
STATE LINE
Power Line
Easement Line
Swamp
Building
Transmission Tower
Riprap
Tree Line
Shrub
Evergreen Tree
Deciduous Tree
Retaining Wall
Highway Line
Street Line
Property Line
Lot Line

Border VERSION 10/19/07

CONNECTICUT DEPARTMENT OF TRANSPORTATION BIDDING AND OTHER INFORMATION AND DOCUMENTS WHICH ARE OBTAINED THROUGH THE INTERNET WORLD WIDE WEB SITES OR OTHER SOURCES ARE NOT TO BE CONSTRUED TO BE OFFICIAL INFORMATION FOR THE PURPOSES OF BIDDING OR CONDUCTING OTHER BUSINESS WITH THE DEPARTMENT.

IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS FROM OFFICIAL SOURCES WITHIN THE DEPARTMENT.

PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE DEPARTMENT TO DO SO AND MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICIAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

SUBMITTED _____ 2010

TRANSPORTATION PRINCIPAL ENGINEER

APPROVAL RECOMMENDED _____ 2010

MANAGER OF STATE DESIGN - JAMES H. NORMAN

APPROVED _____ 2010

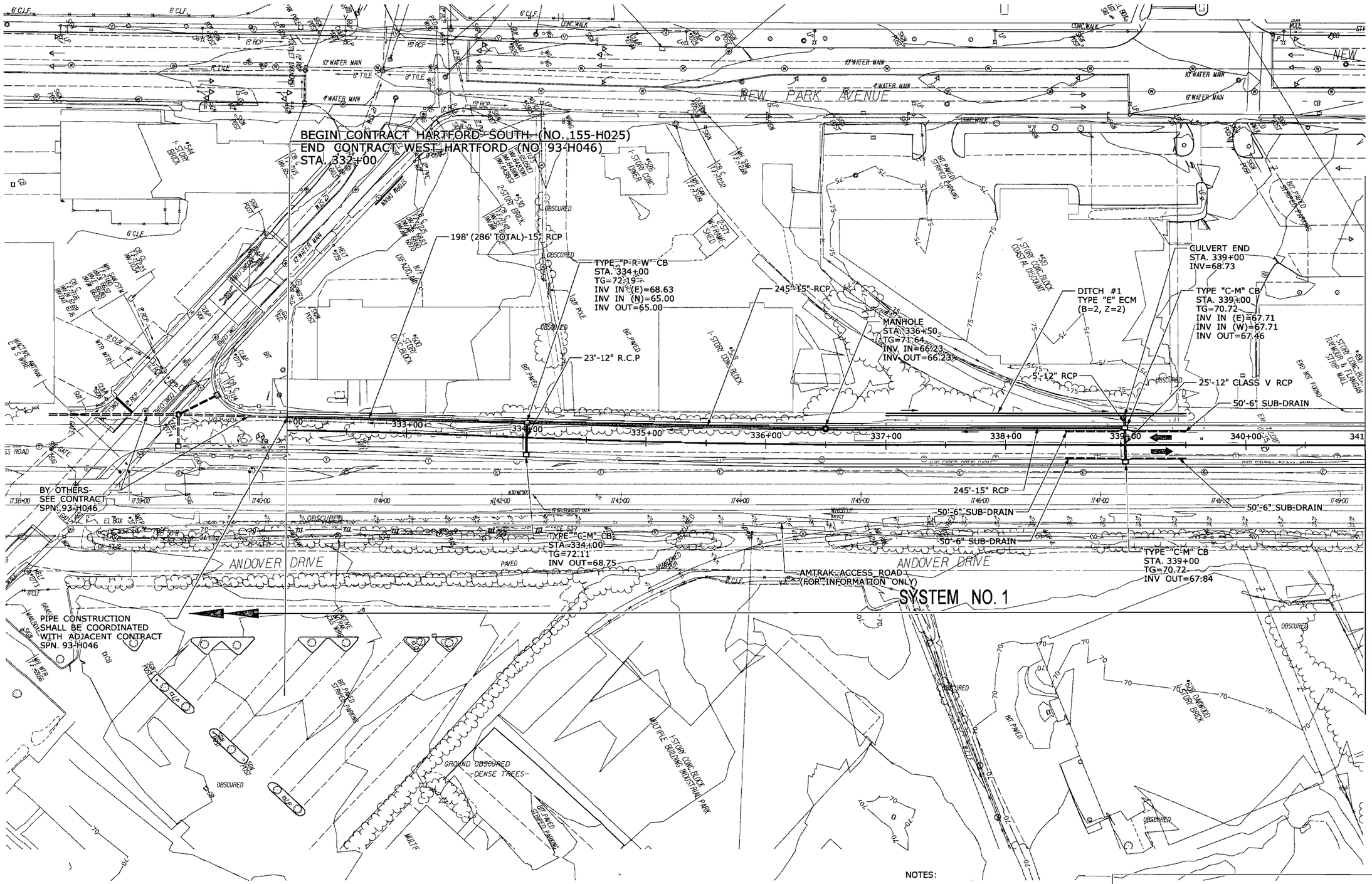
TRANSPORTATION ENGINEERING ADMINISTRATOR - MICHAEL W. LONERGAN

DESIGNED BY:
URS
URS CORPORATION AES
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

STATE OF CONNECTICUT
RONALD G. SOCCI
No. 16588
LICENSED
PROFESSIONAL ENGINEER

PERMIT SUBMISSION PLANS

F.H.W.A. REGION NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CT	WEST HARTFORD & HARTFORD	-	155-H025	2010	-	1	45



NOTES:

1) ALL RCP DRAINAGE PIPE TO BE CLASS III UNLESS OTHERWISE SPECIFIED.

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Filename: hw_msh_155_h025_drg-01.dgn

Plotted: 6/3/2010
Border Version: 5/31/07

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Date Plotted: 6/3/2010

DESIGNER/DRAFTER: J. Bambara
CHECKED BY: C. Lanphear

SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS, INC. / URS CORPORATION AES
APPROVED BY: Robert Gomez, P.E.
DATE: -

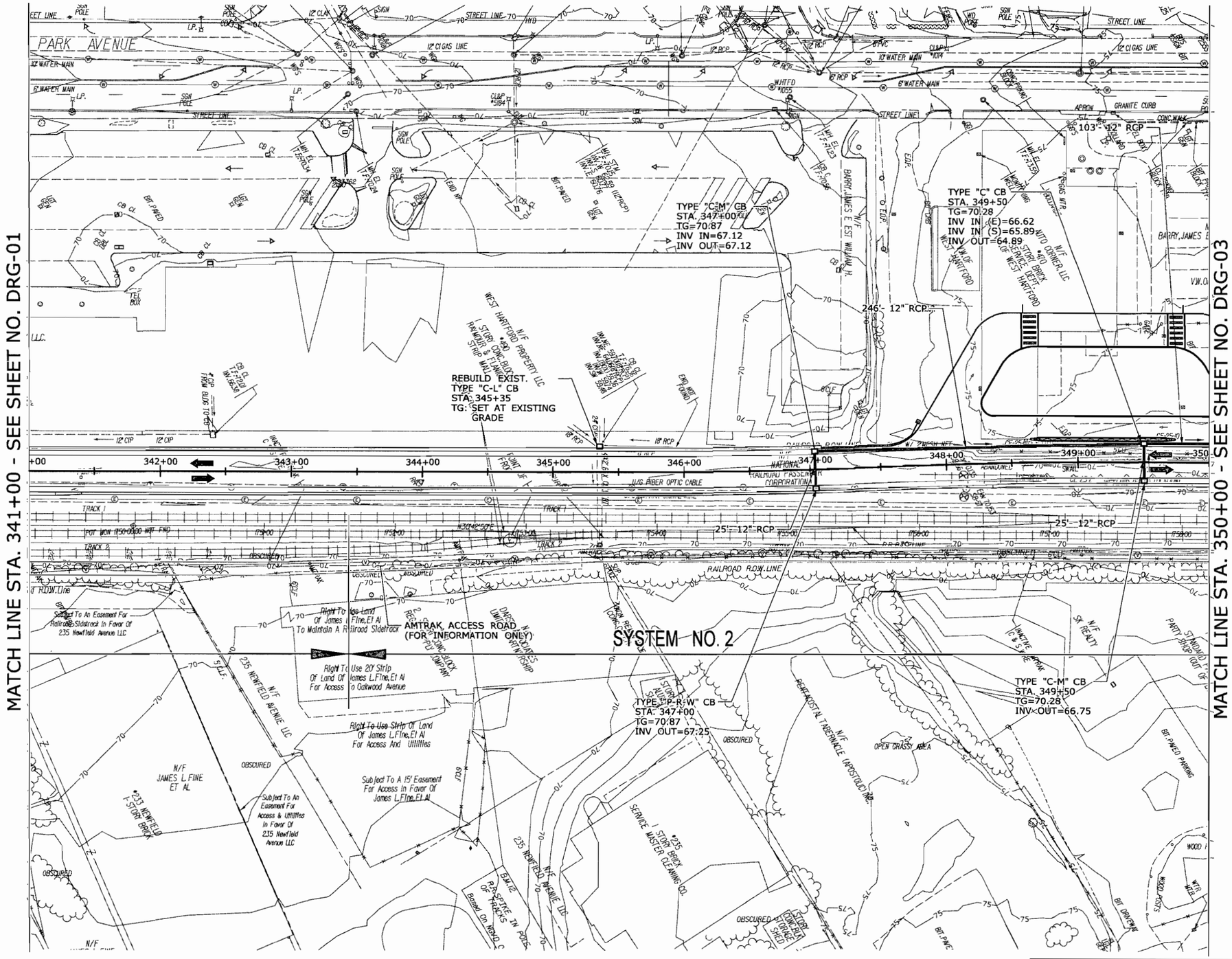
VN ENGINEERS, INC.

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 155-H025
DRAWING NO. DRG-01
SHEET NO. 2



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 6/3/2010
Border Version: 5/31/07

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Filename: hw_rnsh_155_h025_drg-02.dgn
Date Plotted: 6/3/2010

DESIGNER/DRAFTER: J. Bambara
CHECKED BY: C. Lanphear

SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS, INC. / URS CORPORATION AES
APPROVED BY: Robert Gomez, P.E.
DATE: -

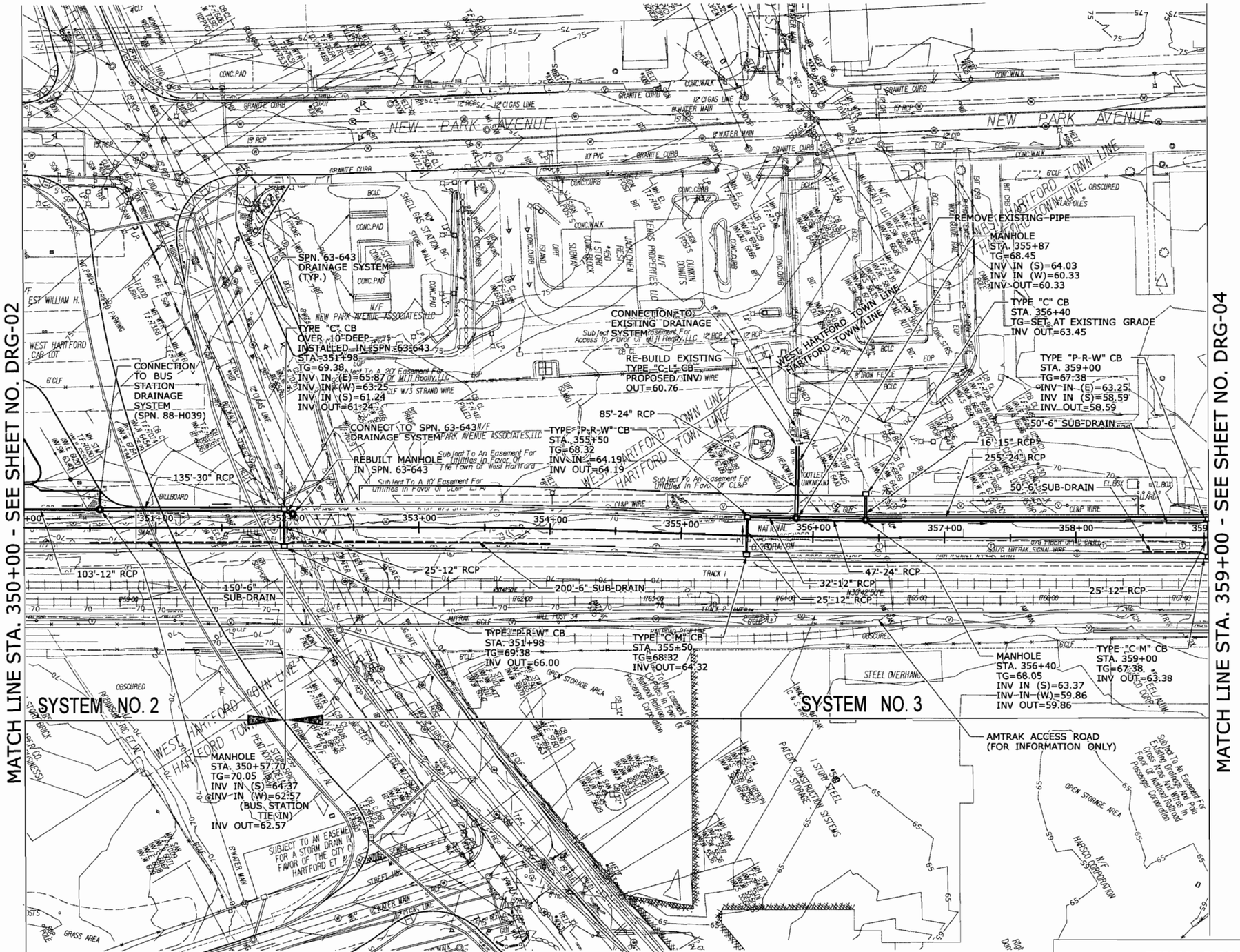
VN ENGINEERS, INC.

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 155-H025
DRAWING NO. DRG-02
SHEET NO. 3



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Filename: hw_msh_155_h025_drg-03.dgn

Plotted: 6/24/2010
Border Version: 5/31/07

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Date Plotted: 6/24/2010

DESIGNER/DRAFTER: J. Bambara
CHECKED BY: C. Lanphear
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS, INC. / URS CORPORATION AES
APPROVED BY: Robert Gomez, P.E.
DATE: -

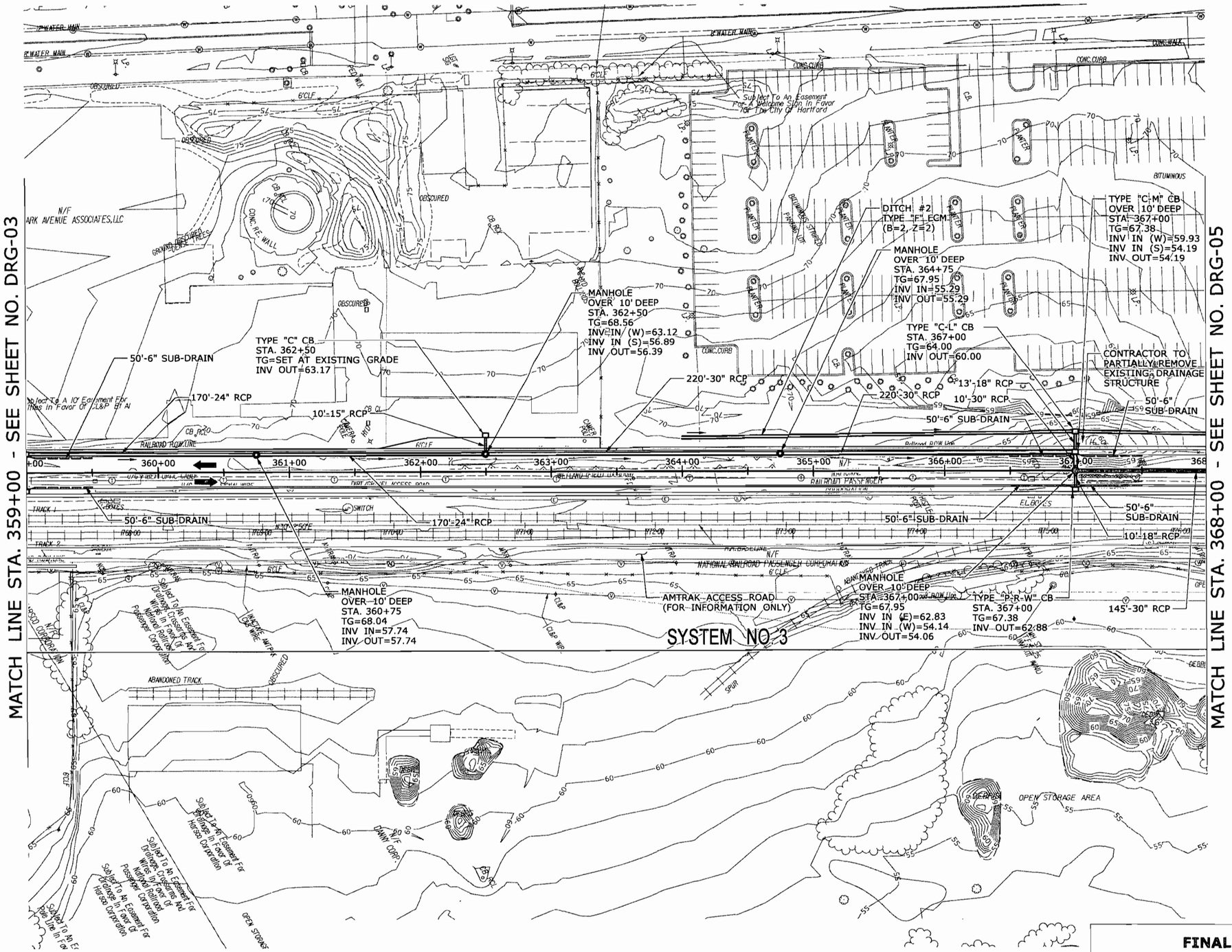
VN ENGINEERS, INC.

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 155-H025
DRAWING NO. DRG-03
SHEET NO. 4



FINAL DESIGN REVIEW

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Filename: hw_rnsh_155_h025_drg-04.dgn

Plotted: 6/28/2010
Border Version: 5/31/07

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Date Plotted: 6/28/2010

DESIGNER/DRAFTER: J. Bambara
CHECKED BY: C. Lanphear
SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS, INC. / URS CORPORATION AES
APPROVED BY: Robert Gomez, P.E.
DATE: -

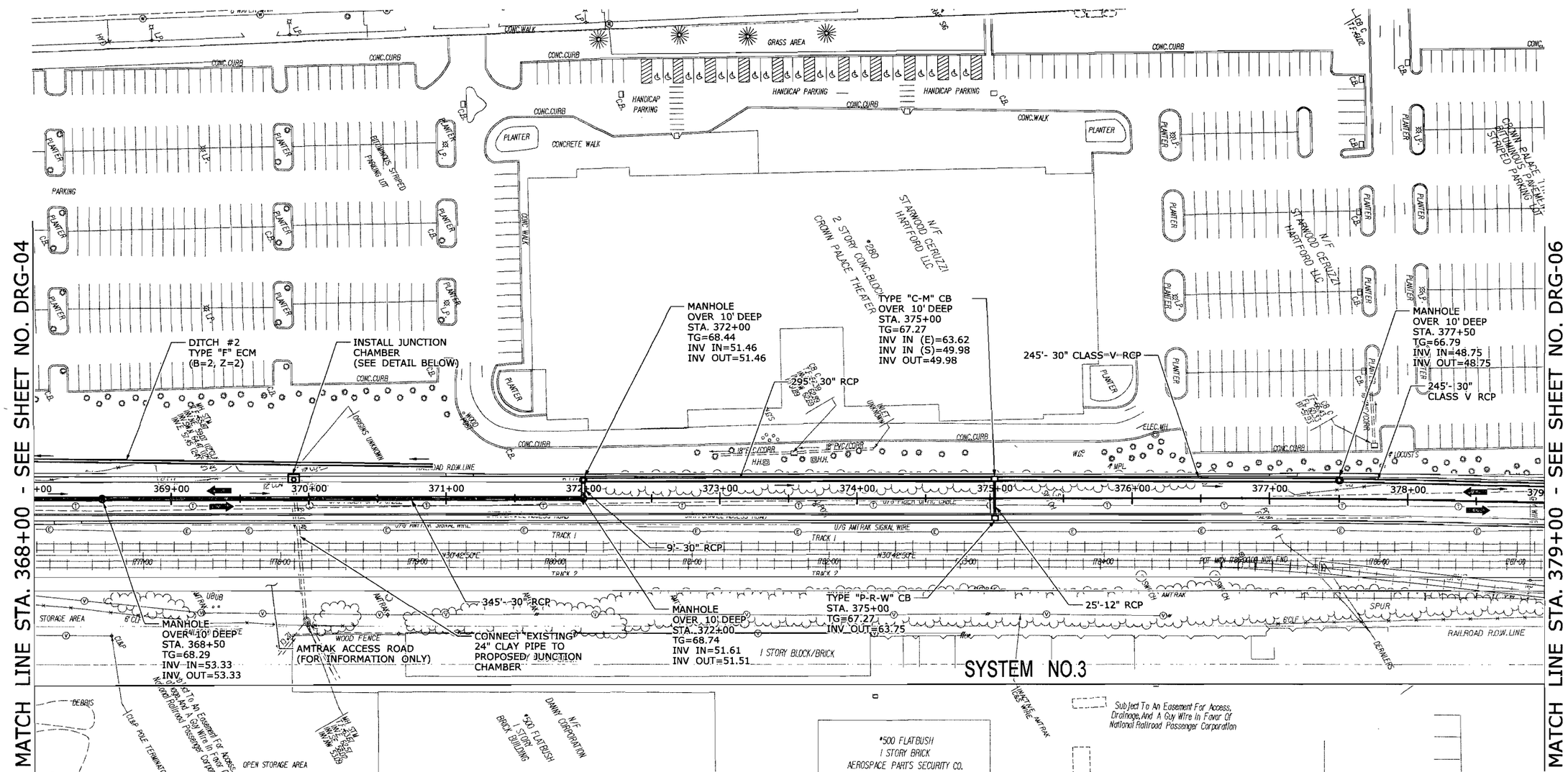
VN ENGINEERS, INC.

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

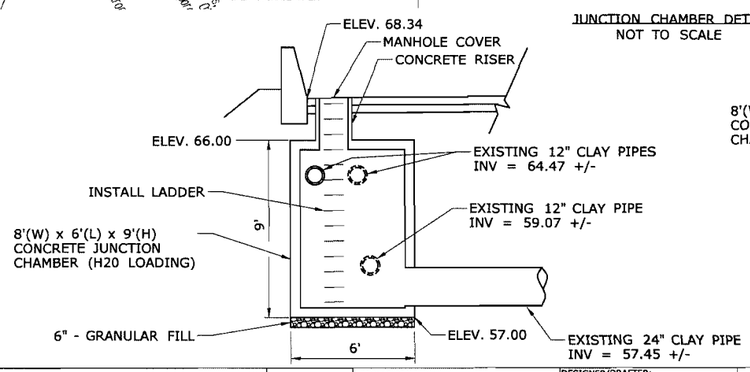
TOWN: WEST HARTFORD/ HARTFORD

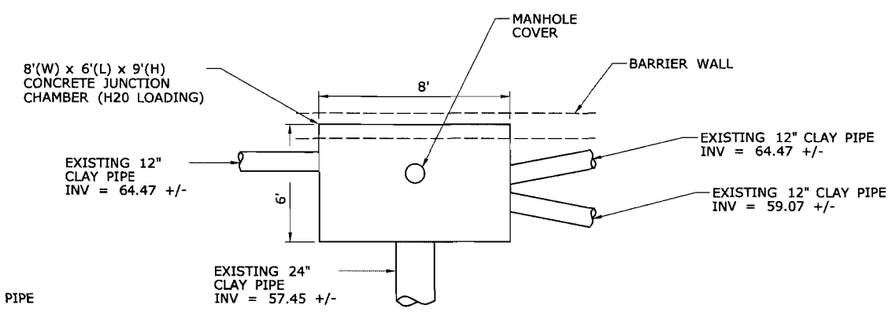
DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 155-H025
DRAWING NO. DRG-04
SHEET NO. 5



JUNCTION CHAMBER DETAIL
NOT TO SCALE





FINAL DESIGN REVIEW

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Plotted: 6/28/2010
Border Version: 5/31/07

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Date Plotted: 6/28/2010

DESIGNER/DRAFTER: J. Bambara
CHECKED BY: C. Lanphear
SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS, INC. / URS CORPORATION AES
APPROVED BY: Robert Gomez, P.E.
DATE: -

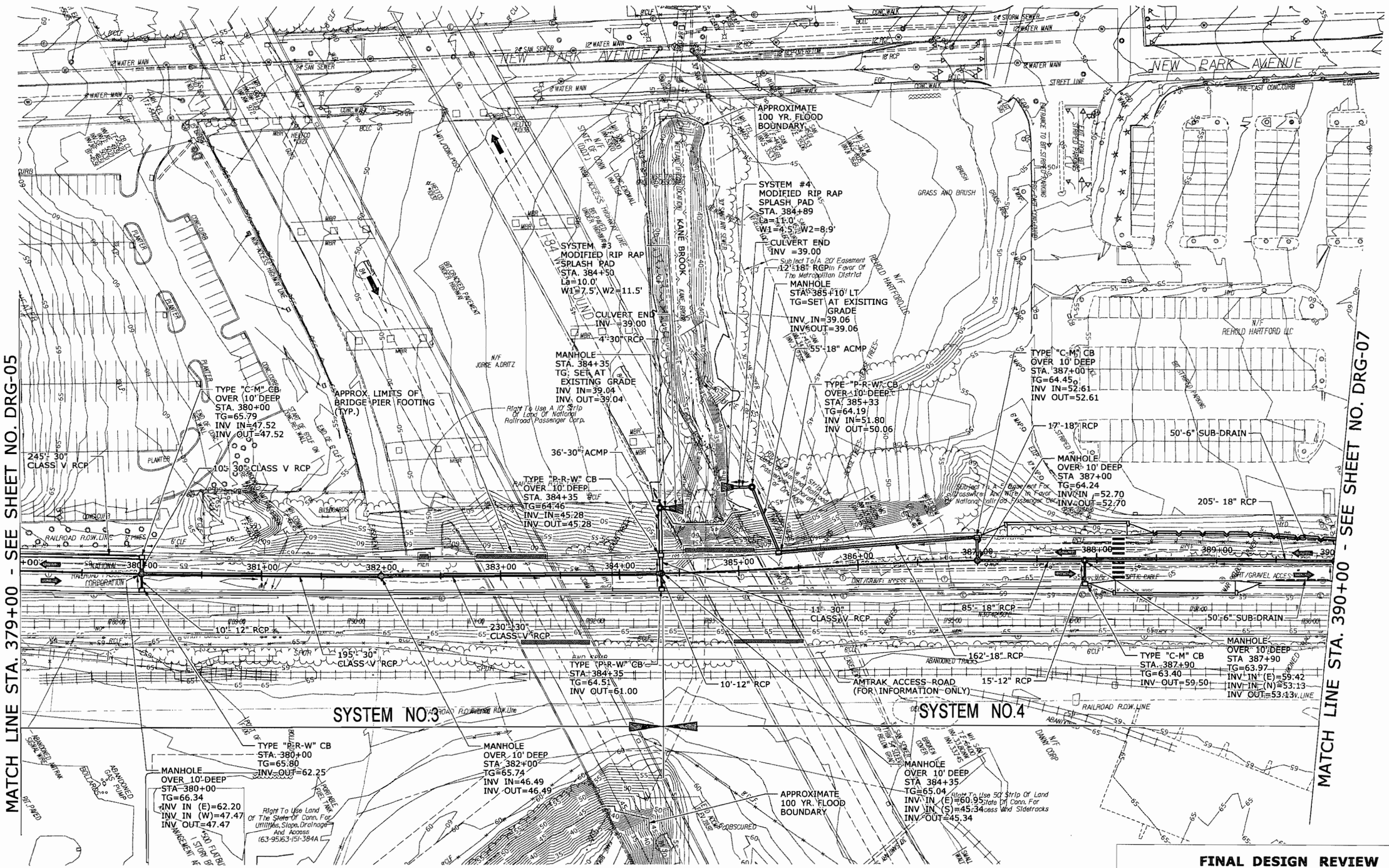
VN ENGINEERS, INC.

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 155-H025
DRAWING NO. DRG-05
SHEET NO. 6



FINAL DESIGN REVIEW

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Filename: hw_msh_155_h025_drg-06.dgn

Plotted: 6/3/2010
Border Version: 5/31/07

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Date Plotted: 6/3/2010

DESIGNER/DRAFTER: J. Bambara
CHECKED BY: C. Lanphear
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS, INC. / URS CORPORATION AES
APPROVED BY: Robert Gomez, P.E.
DATE: -

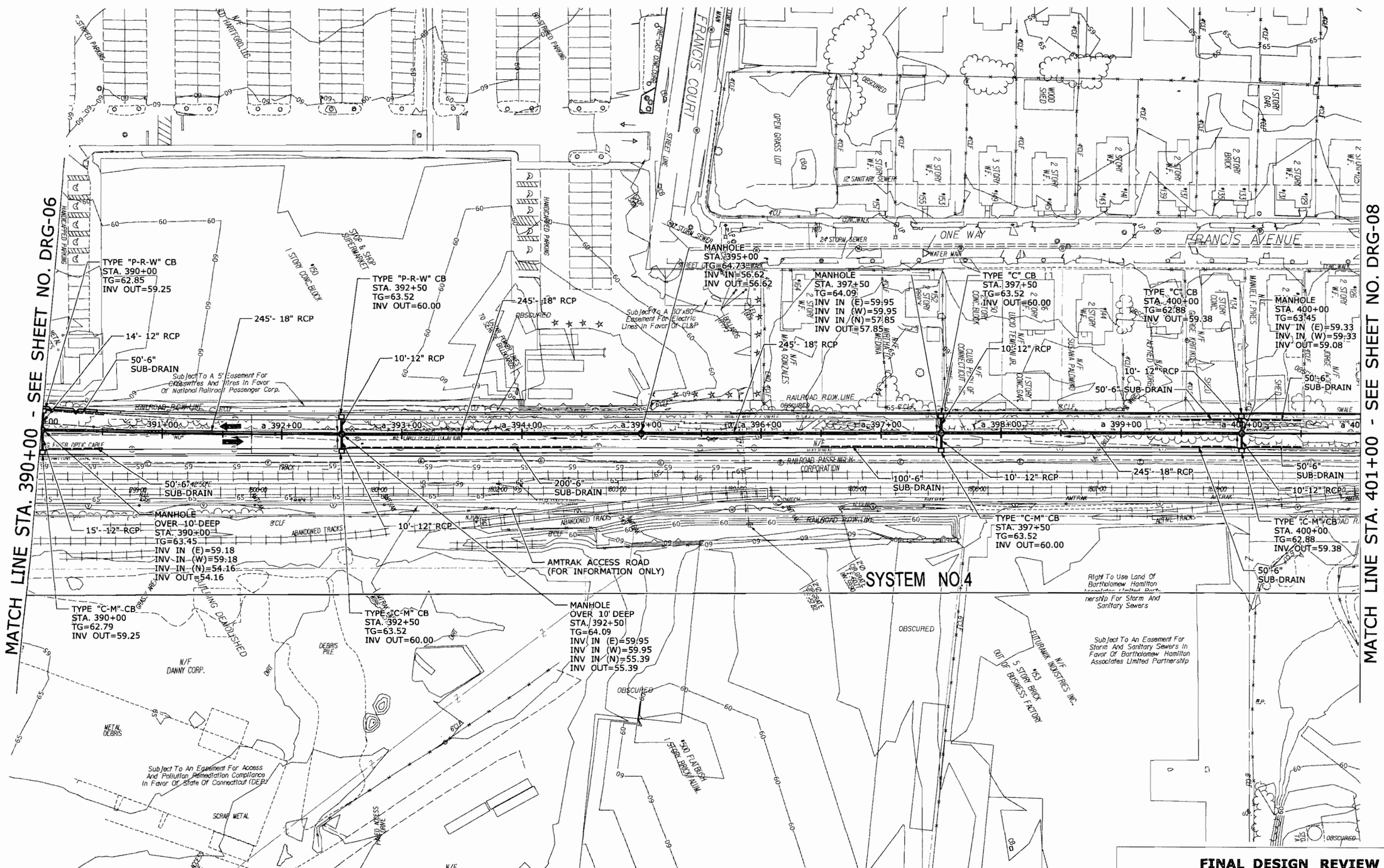
VN ENGINEERS, INC.

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 155-H025
DRAWING NO. DRG-06
SHEET NO. 7



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Filename: hw_msh_155_h025_drg-07.dgn

Plotted: 6/3/2010
Border Version: 5/31/07

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Date Plotted: 6/3/2010

DESIGNER/DRAFTER: J. Bambara
CHECKED BY: C. Lanphear
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS, INC. / URS CORPORATION AES
APPROVED BY: Robert Gomez, P.E.
DATE: -

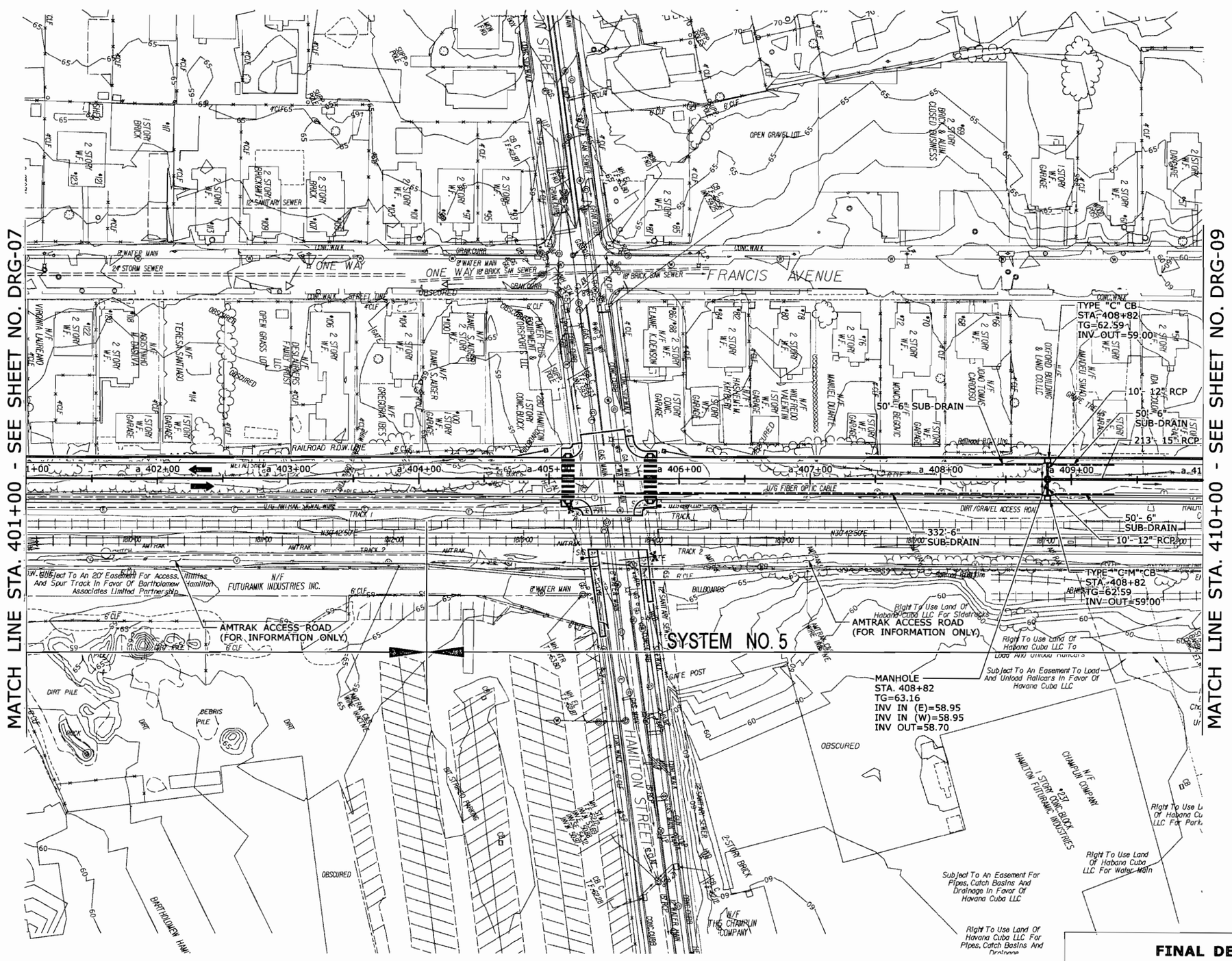
VN ENGINEERS, INC.

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 155-H025
DRAWING NO. DRG-07
SHEET NO. 8



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Filename: hw_msh_155_h025_drg-08.dgn

Plotted: 6/3/2010
Border Version: 5/31/07

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Date Plotted: 6/3/2010

DESIGNER/DRAFTER: J. Bambara
CHECKED BY: C. Lanphear

SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS, INC. / URS CORPORATION AES
APPROVED BY: Robert Gomez, P.E. DATE: -

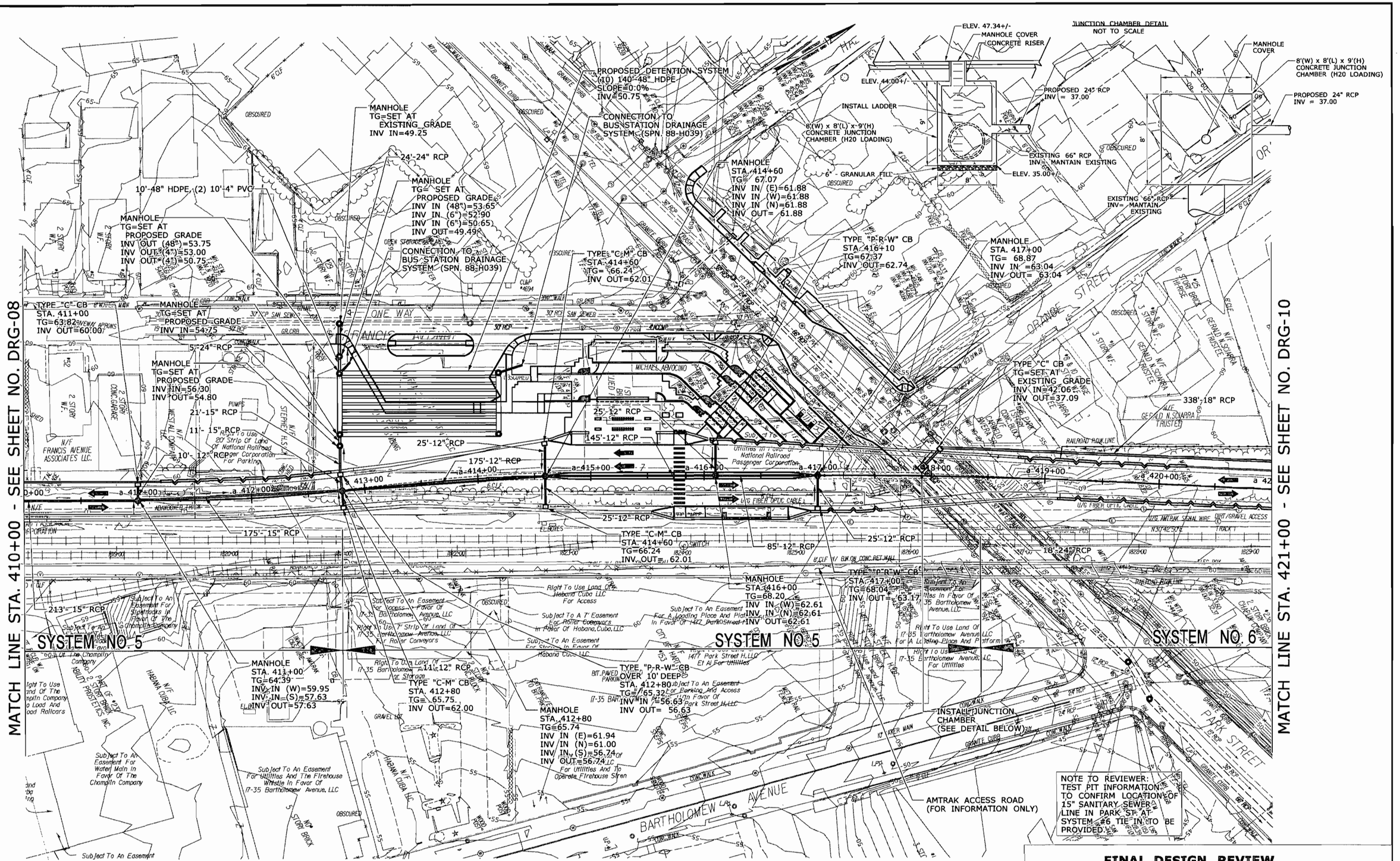
VN ENGINEERS, INC.

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 155-H025
DRAWING NO. DRG-08
SHEET NO. 9



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Filename: hw_msh_155_h025_drg-09.dgn

Plotted: 6/24/2010
Border Version: 5/31/07

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Date Plotted: 6/24/2010

DESIGNER/DRAFTER: J. Bambara
CHECKED BY: C. Lanphear

SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS, INC. / URS CORPORATION AES
APPROVED BY: Robert Gomez, P.E.
DATE: -

VN ENGINEERS, INC.

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 155-H025
DRAWING NO. DRG-09
SHEET NO. 10

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Filename: hw_msh_155_h025_drg-10.dgn

Plotted: 6/3/2010
Border Version: 5/31/07

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Date Plotted: 6/3/2010

DESIGNER/DRAFTER: J. Bambara
CHECKED BY: C. Lanphear
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS, INC. / URS CORPORATION AES
APPROVED BY: Robert Gomez, P.E. DATE: -

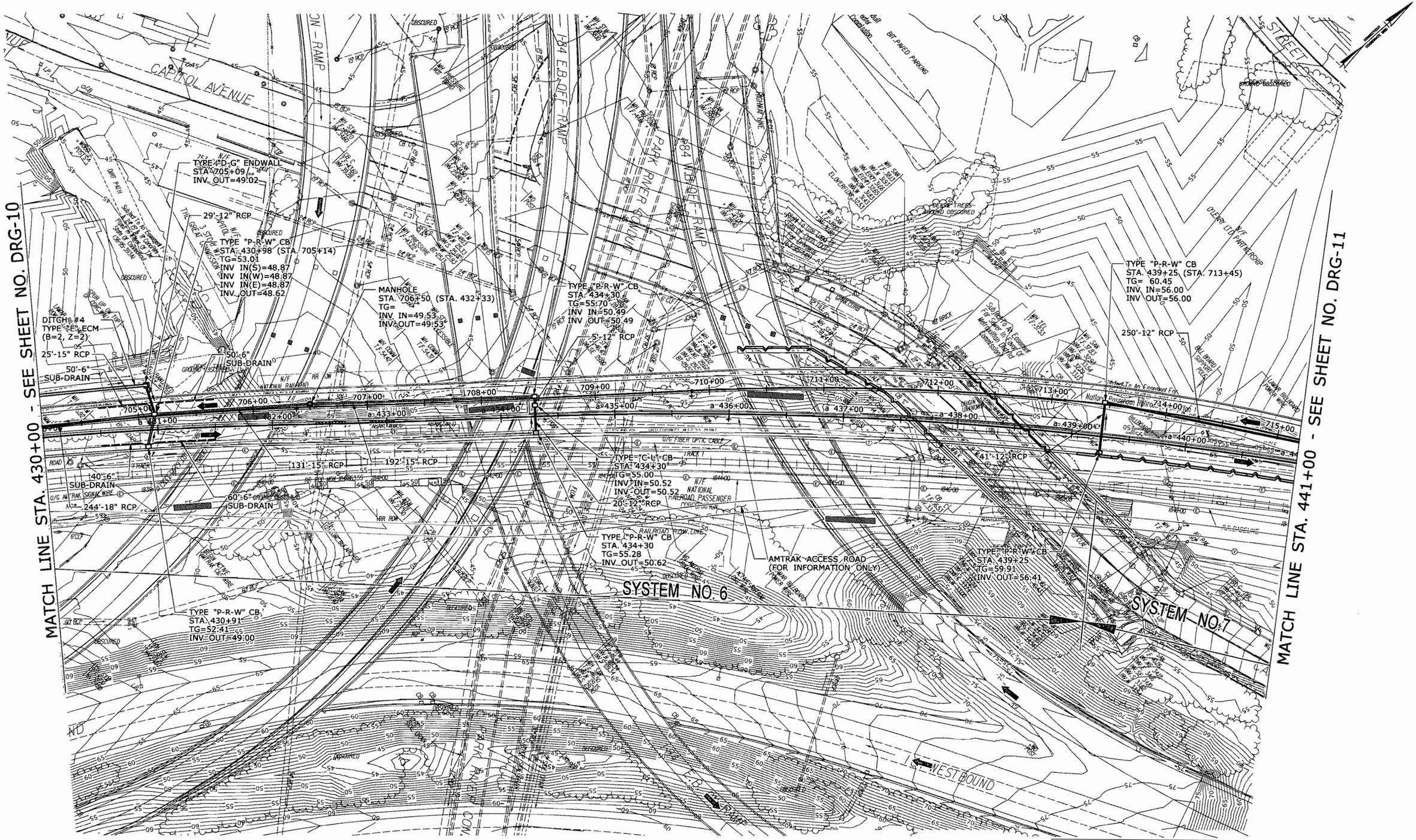
VN ENGINEERS, INC.

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 155-H025
DRAWING NO. DRG-10
SHEET NO. 11



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Filename: hw_rnsh_155_h025_drg-11.dgn

Plotted: 6/28/2010
Border Version: 5/31/07

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Date Plotted: 6/28/2010

DESIGNER/DRAFTER: J. Bambara
CHECKED BY: C. Lanphear

SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS, INC. / URS CORPORATION AES
APPROVED BY: Robert Gomez, P.E. DATE: -

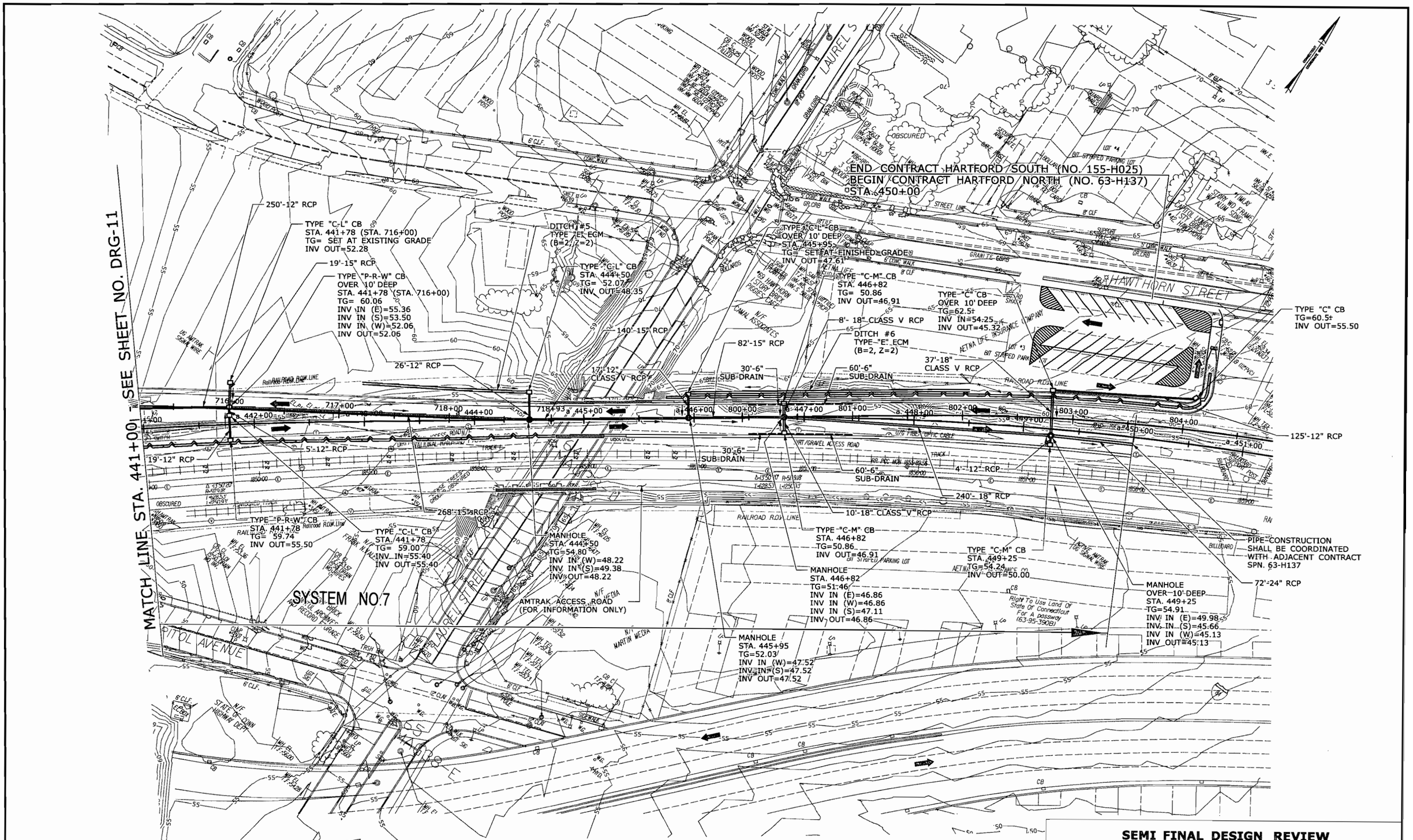
VN ENGINEERS, INC.

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 155-H025
DRAWING NO. DRG-11
SHEET NO. 12



SEMI FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Filename: hw_msh_155_h025_drg-12.dgn

Plotted: 6/24/2010
Border Version: 5/31/07

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Date Plotted: 6/24/2010

DESIGNER/DRAFTER: J. Bambara
CHECKED BY: C. Lanphear
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS, INC. / URS CORPORATION AES
APPROVED BY: Robert Gomez, P.E. DATE: -

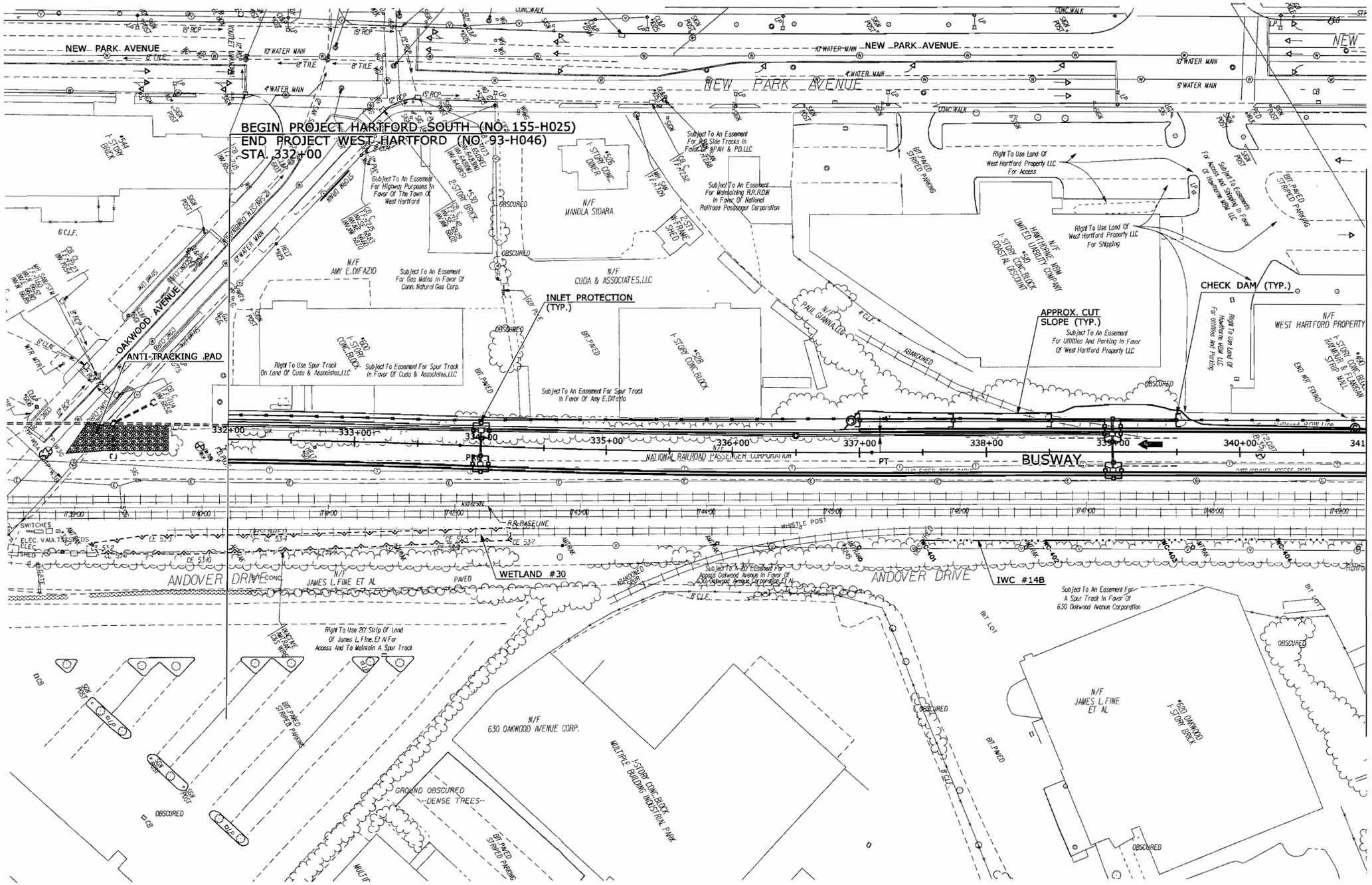
VN ENGINEERS, INC.

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 155-H025
DRAWING NO. DRG-12
SHEET NO. 13



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 7/28/2010

DESIGNER/DRAFTER: G. MUNDEN
CHECKED BY: R. ALOISE
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: P:\155_H025_BUSWAY\Highways\MS_Contract_Sheet_Files\hw_msh_155_h025_sed-01.dgn

SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY: DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: SEDIMENTATION & EROSION CONTOL PLAN

PROJECT NO. 155-H025
DRAWING NO. SED-01
SHEET NO. 14

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 7/28/2010

DESIGNER/DRAFTER: G. MUNDEN
CHECKED BY: R. ALOISE
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: P:\155_H025_BUSWAY\Highways\MS_Contract_Sheet_Files\hw_msh_155_h025_sed-02.dgn

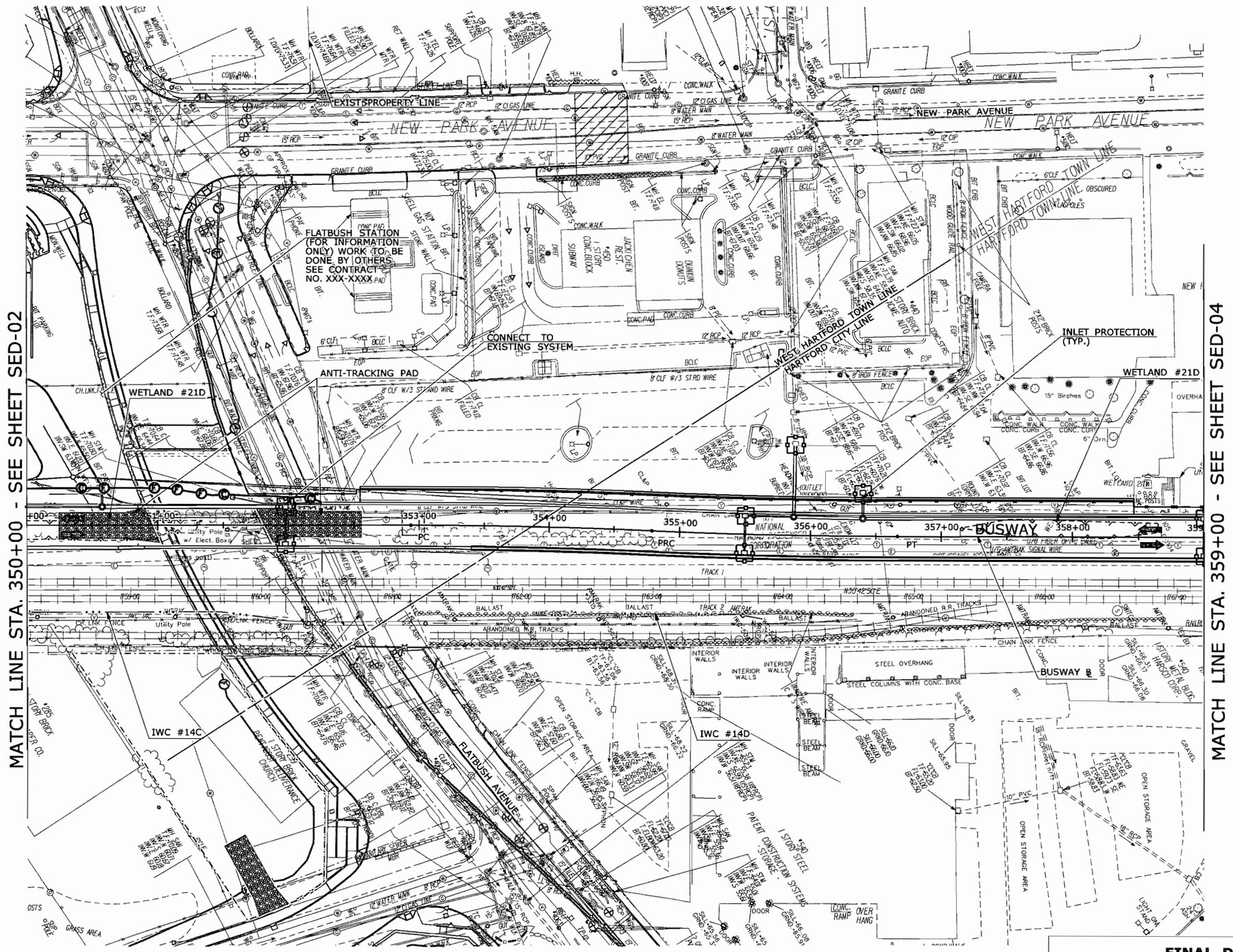
SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY:
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: SEDIMENTATION & EROSION CONTROL PLAN

PROJECT NO. 155-H025
DRAWING NO. SED-02
SHEET NO. 15



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 7/29/2010

DESIGNER/DRAFTER: G. MUNDEN
CHECKED BY: R. ALOISE
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY:
DATE: -

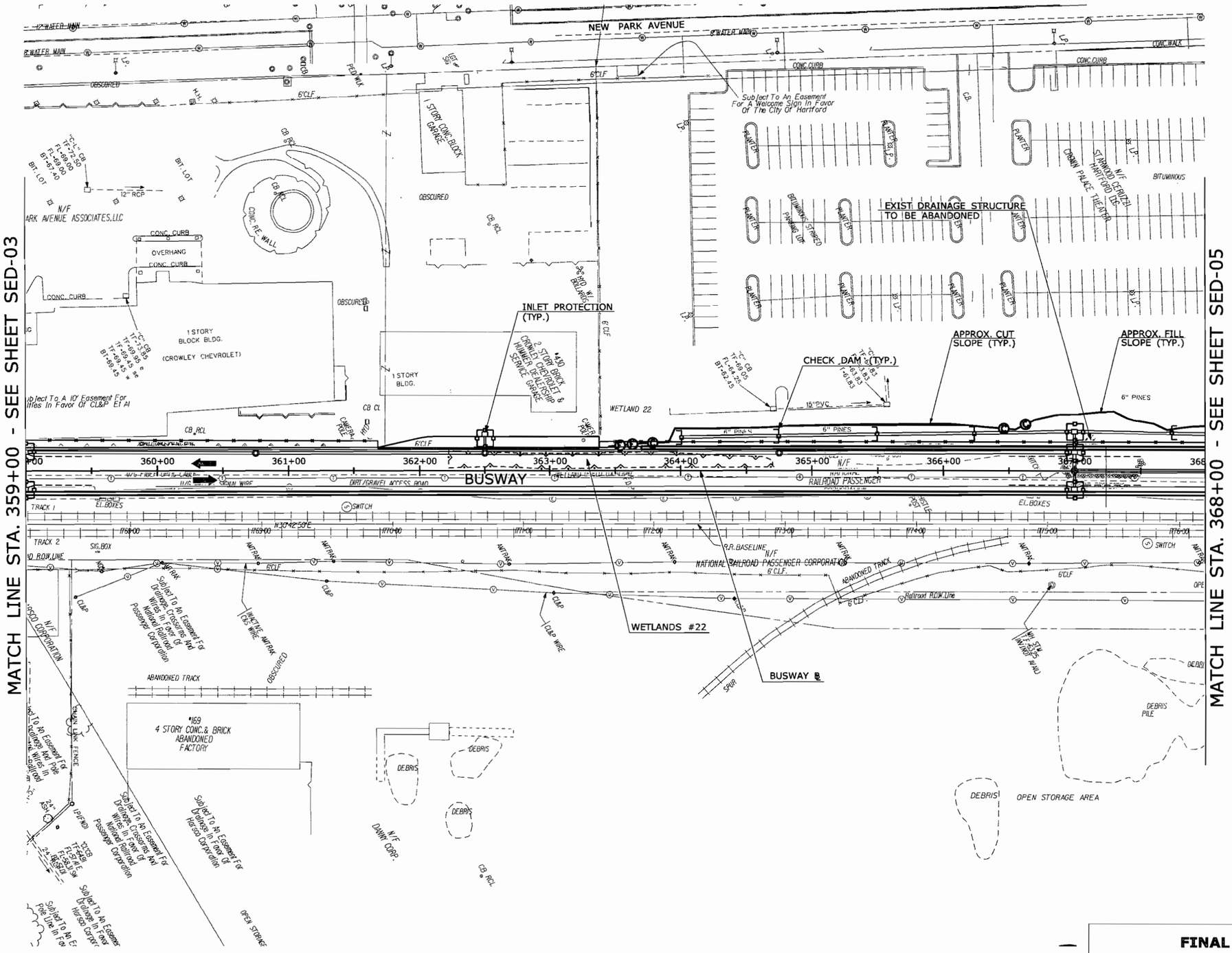
PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: SEDIMENTATION & EROSION CONTROL PLANS

PROJECT NO. 155-H025
DRAWING NO. SED-03
SHEET NO. 16

Filename: P:\155_H025_BUSWAY\Highways\MS_Contract_Sheet_Files\hw_msh_155_h025_sed-03.dgn



FINAL DESIGN REVIEW

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Plotted: 7/28/2010

DESIGNER/DRAFTER: G. MUNDEN
CHECKED BY: R. ALOISE
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: P:\155_H025_BUSWAY\Highways\MS_Contract_Sheet_Files\hw_msh_155_h025_sed-04.dgn

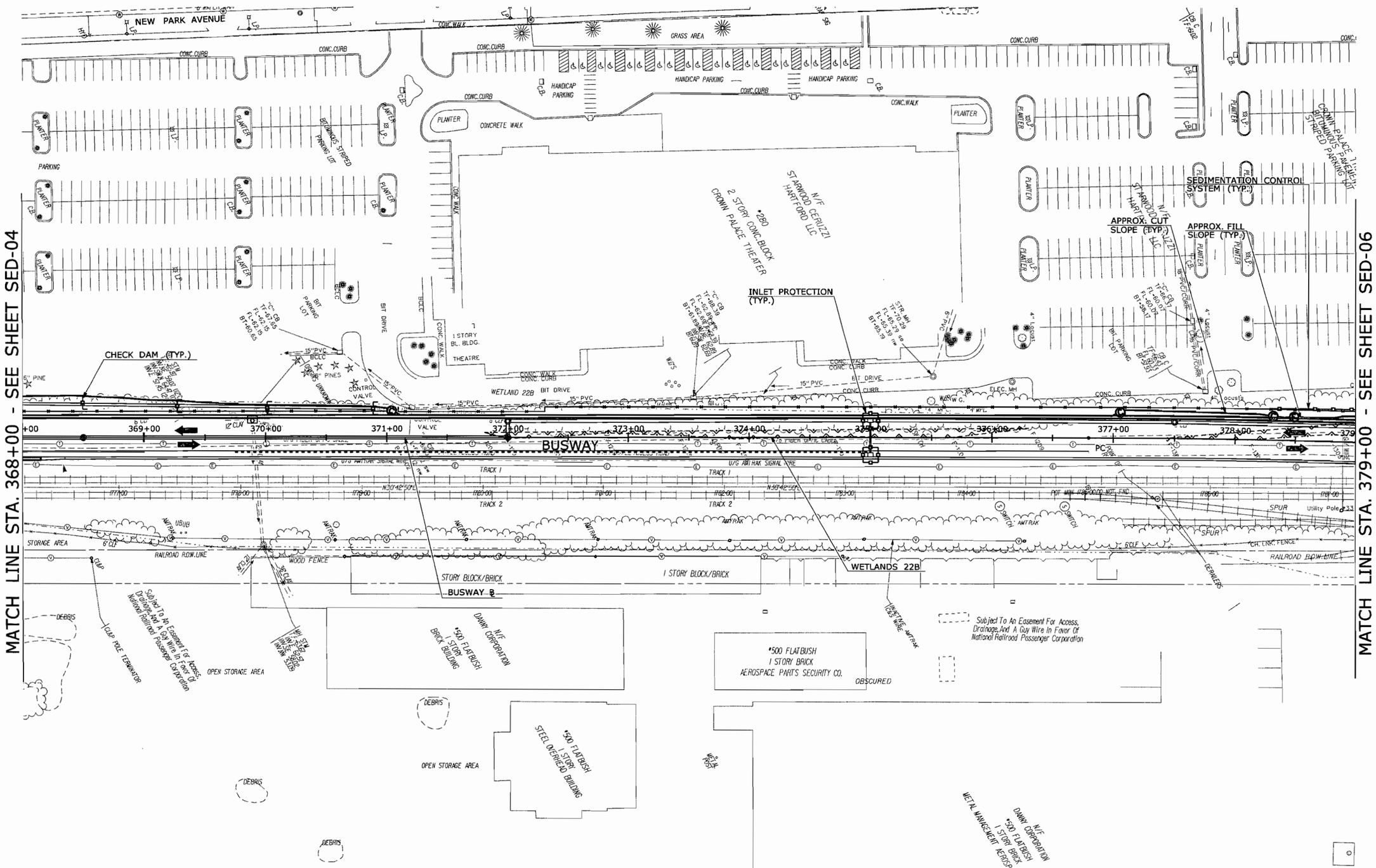
SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY: DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: SEDIMENTATION & EROSION CONTROL PLAN

PROJECT NO. 155-H025
DRAWING NO. SED-04
SHEET NO. 17



FINAL DESIGN REVIEW

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THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted: 7/28/2010

DESIGNER/DRAFTER: G. MUNDEN
CHECKED BY: R. ALOISE
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: P:\155.H025.BUSWAY\Highways\MS.Contract.Sheet.Files\hw.msh.155.h025.sed-05.dgn

SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY:
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: SEDIMENATION & EROSION CONTROL PLAN

PROJECT NO. 155-H025
DRAWING NO. SED-05
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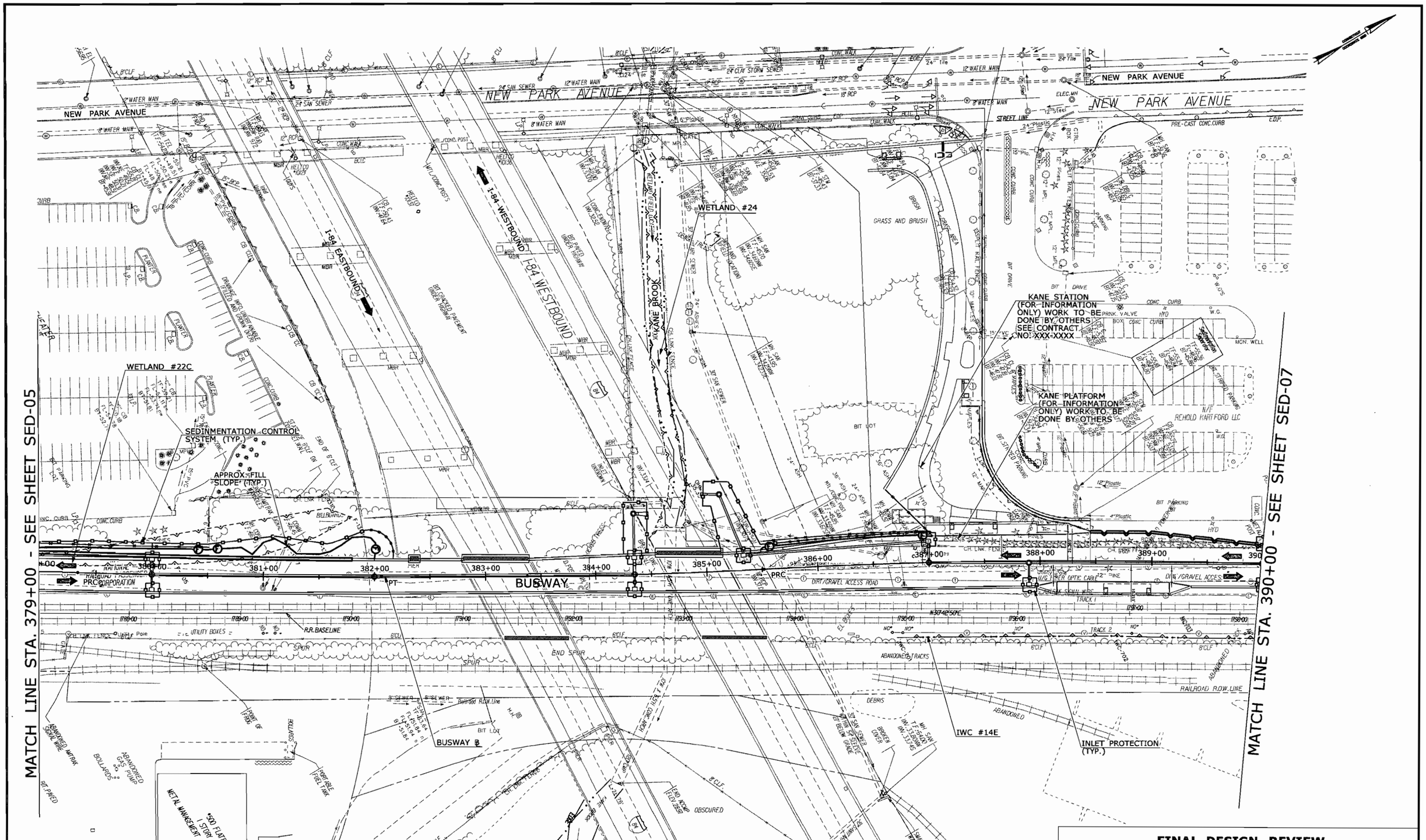

FINAL DESIGN REVIEW

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Plotted: 7/28/2010

DESIGNER/DRAFTER: G. MUNDEN
CHECKED BY: R. ALOISE
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: P:\155_H025_BUSWAY\Highways\MS_Contract_Sheet_Files\hw_msh_155_h025_sed-06.dgn

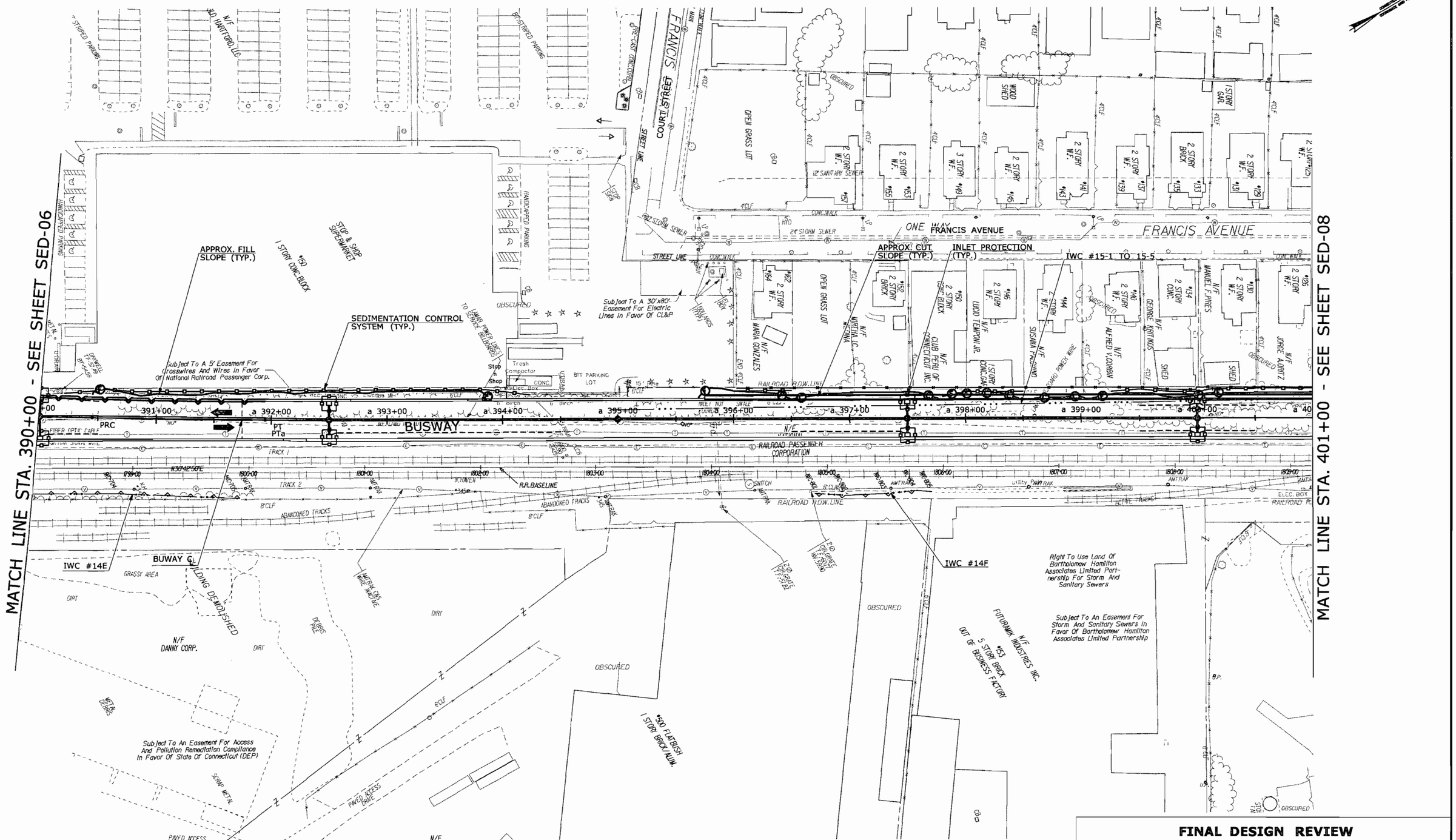
SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY:
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: SEDIMENTATION & EROSION CONTROL PLAN

PROJECT NO. 155-H025
DRAWING NO. SED-06
SHEET NO. 19



REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 7/29/2010

DESIGNER/DRAFTER: G. MUNDEN
CHECKED BY: R. ALOISE
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY: DATE: -

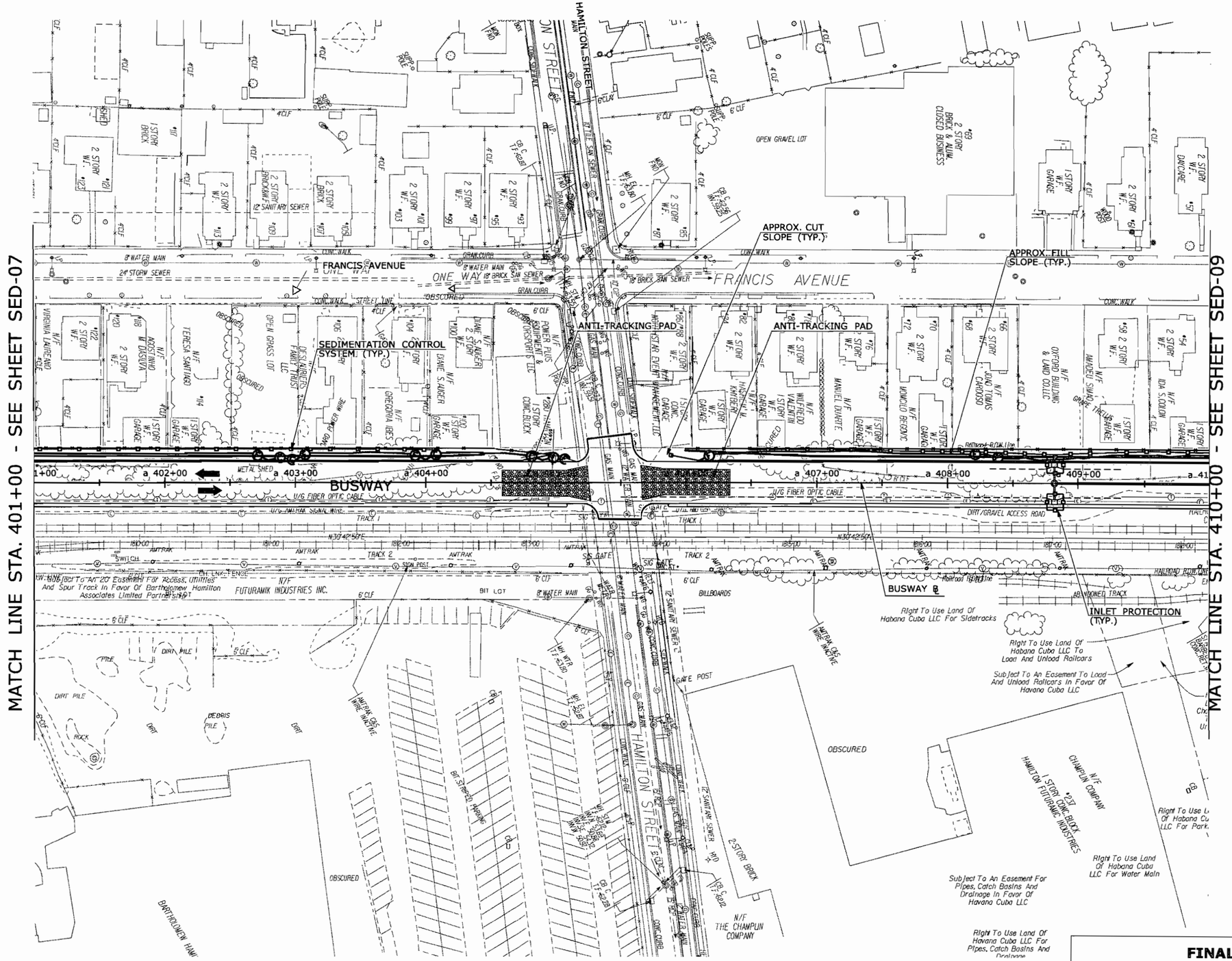
Filename: P:\155.H025.BUSWAY\Highways\MS.Contract.Sheet.Files\hw.msh.155.h025.sed-07.dgn

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: SEDIMENTATION & EROSION CONTROP PLAN

PROJECT NO. 155-H025
DRAWING NO. SED-07
SHEET NO. 20



FINAL DESIGN REVIEW

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Plotted: 7/29/2010

DESIGNER/DRAFTER: G. MUNDEN
CHECKED BY: R. ALOISE
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: P:\155.H025.BUSWAY\Highways\MS.Contract.Sheet.Files\hw.msh.155.h025.sed-08.dgn

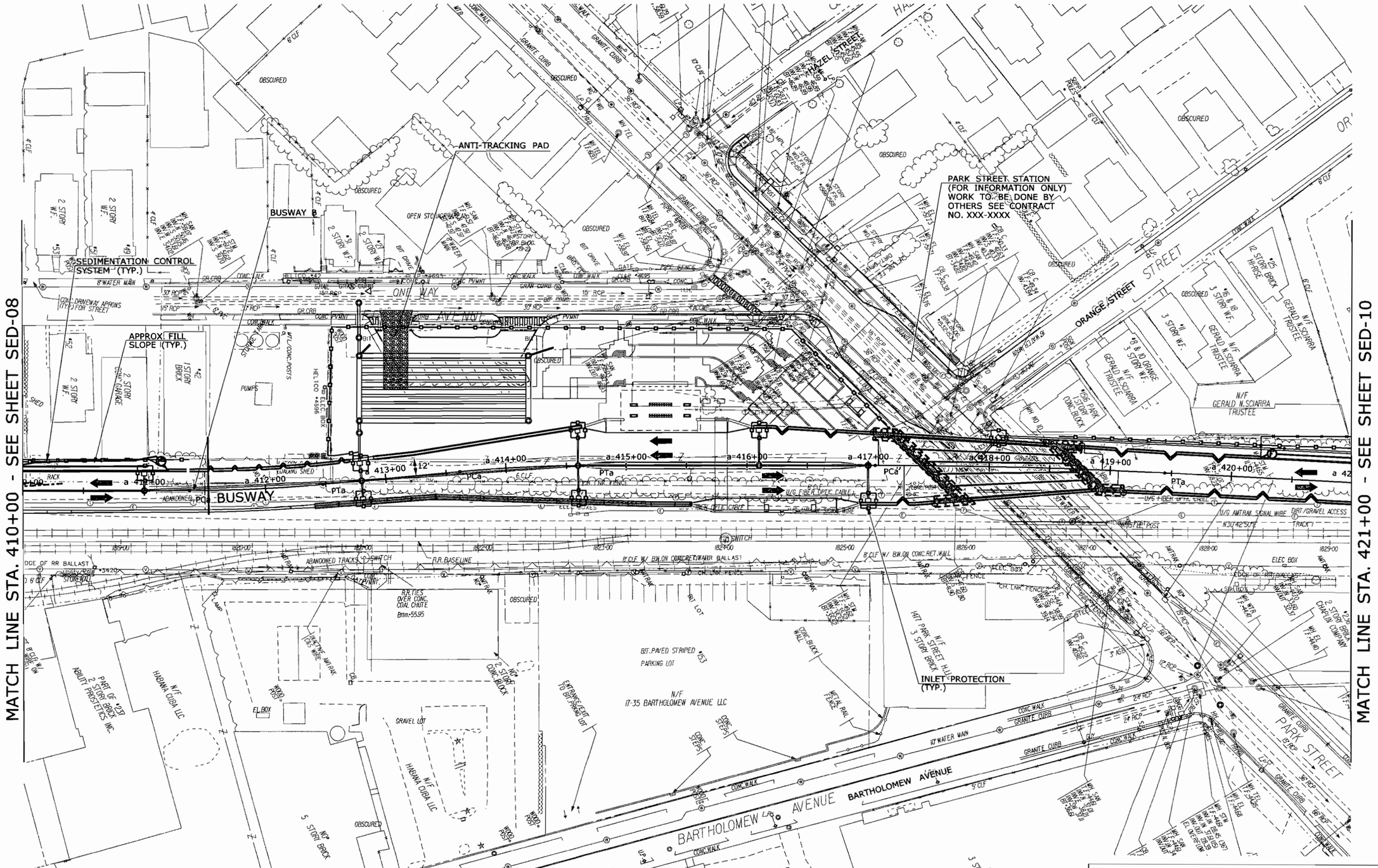
SIGNATURE/BLOCK: **URS CORPORATION AES**
APPROVED BY:
DATE: -

PROJECT TITLE: **NEW BRITAIN - HARTFORD BUSWAY**

TOWN: **WEST HARTFORD/ HARTFORD**

DRAWING TITLE: **SEDIMENTATION & EROSION CONTROL PLAN**

PROJECT NO. **155-H025**
DRAWING NO. **SED-08**
SHEET NO. **21**



FINAL DESIGN REVIEW

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Plotted: 7/28/2010

DESIGNER/DRAFTER: G. MUNDEN
CHECKED BY: R. ALOISE
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: P:\155_H025_BUSWAY\Highways\MS_Contract_Sheet_Files\hw_msh_155_h025_sed-09.dgn

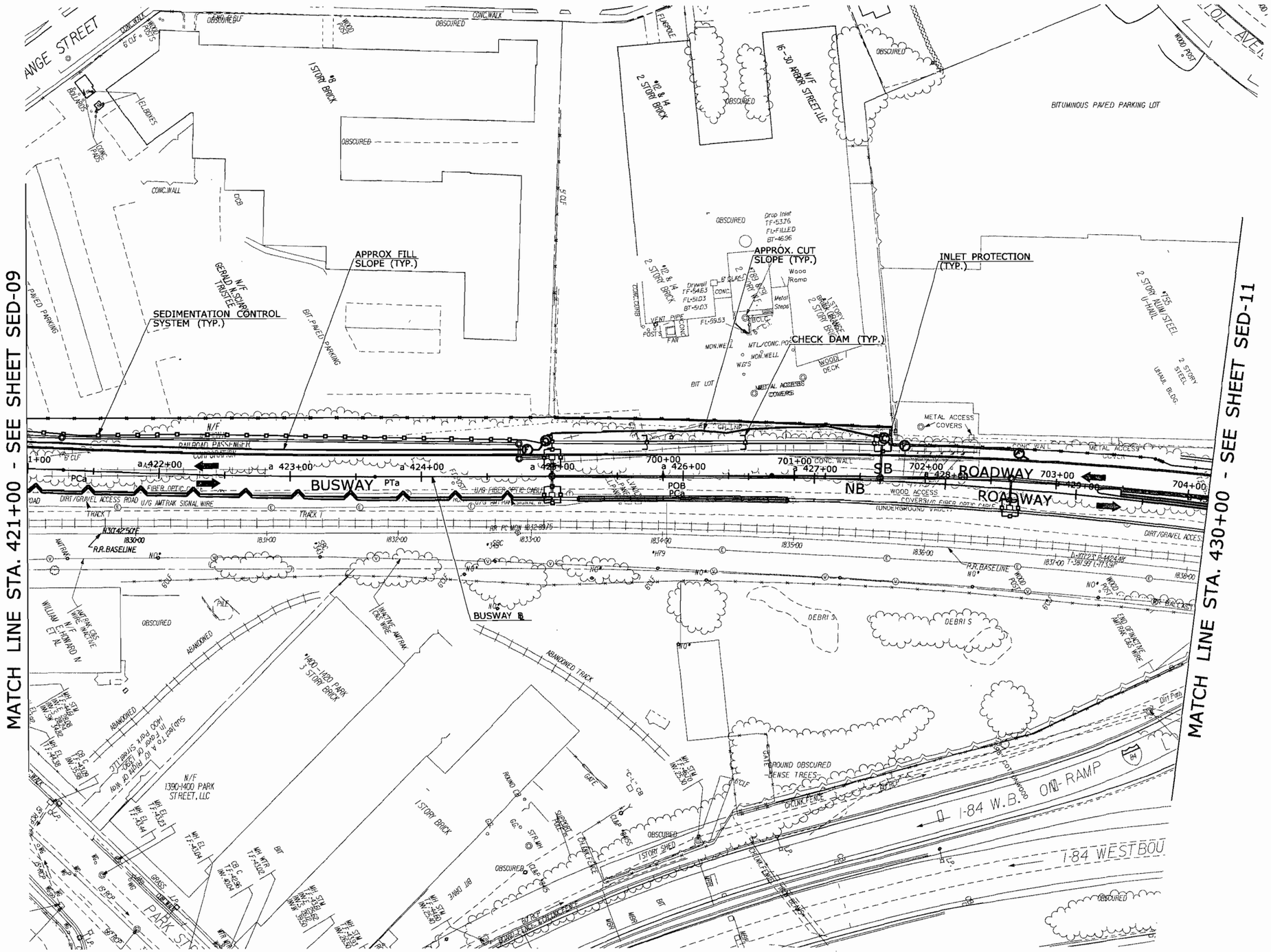
SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY: DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: SEDIMENTATION & EROSION CONTROL PLAN

PROJECT NO. 155-H025
DRAWING NO. SED-09
SHEET NO. 22



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted: 7/28/2010

DESIGNER/DRAFTER: G. MUNDEN
CHECKED BY: R. ALOISE
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY:
DATE: -

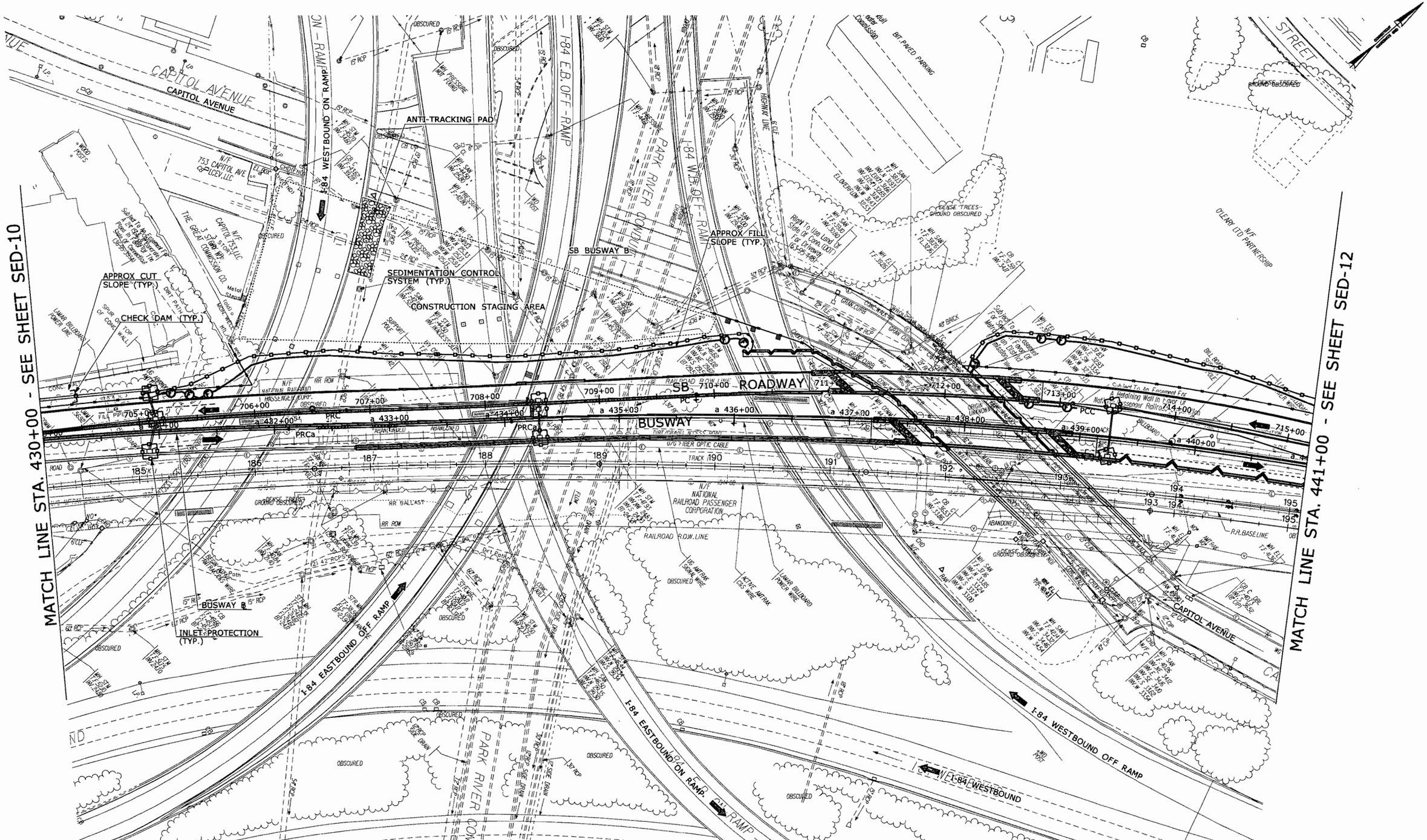
PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: SEDIMENTATION & EROSION CONTROL PLAN

PROJECT NO. 155-H025
DRAWING NO. SED-10
SHEET NO. 23

Filename: P:\155.H025.BUSWAY\Highways\MS_Contract_Sheet_Files\hw_msh_155_h025_sed-10.dgn



FINAL DESIGN REVIEW

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Plotted: 7/28/2010

DESIGNER/DRAFTER: G. MUNDEN
CHECKED BY: R. ALOISE
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY: DATE: -

Filename: P:\155.H025.BUSWAY\Highways\MS.Contract.Sheet.Files\hw.msh.155.h025.sed-11.dgn

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: SEDIMENTATION & EROSION CONTROL PLAN

PROJECT NO. 155-H025
DRAWING NO. SED-11
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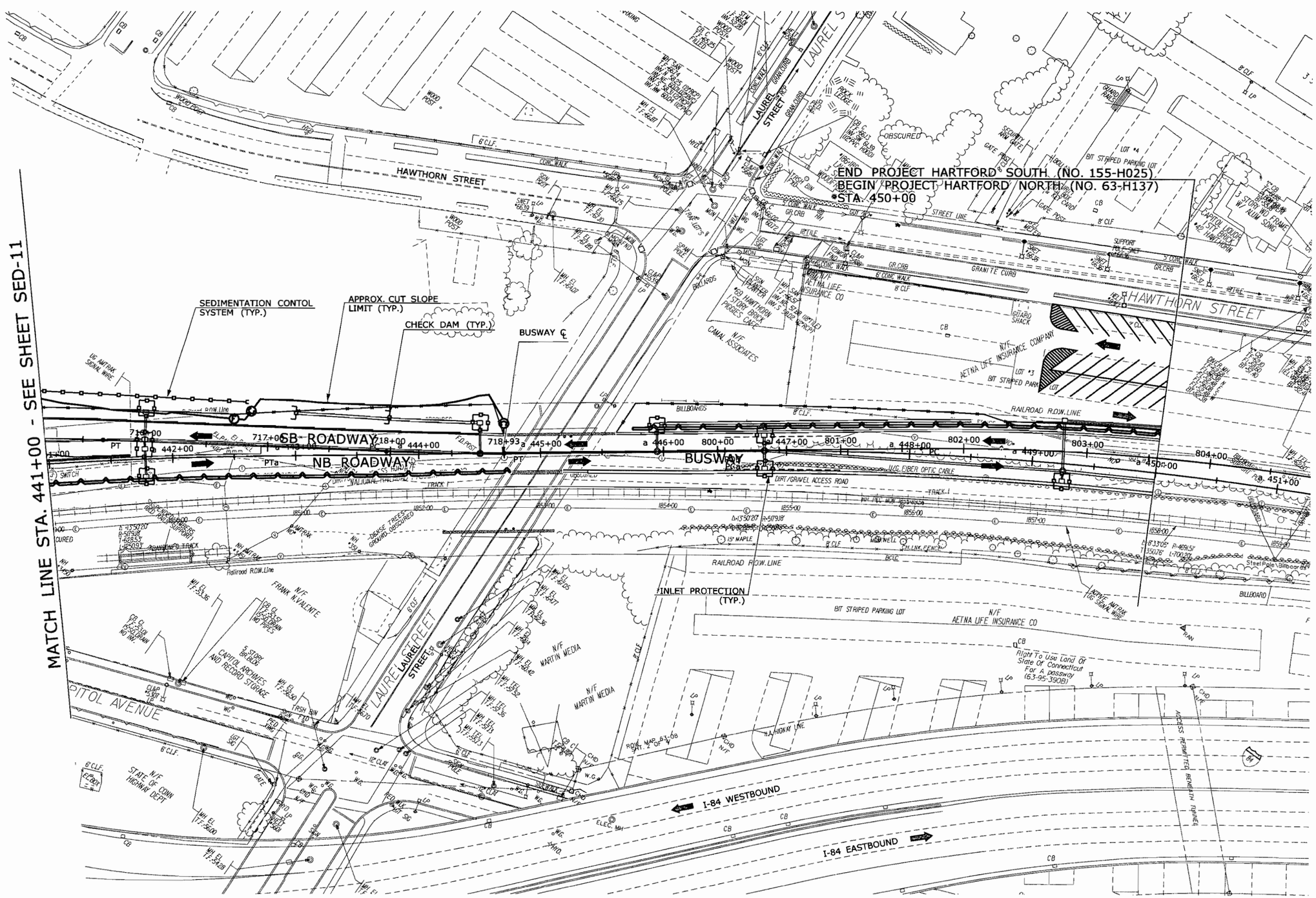

FINAL DESIGN REVIEW

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Plotted: 7/28/2010

DESIGNER/DRAFTER: G. MUNDEN
CHECKED BY: R. ALOISE
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: P:\155_H025_BUSWAY\Highways\MS_Contract_Sheet_Files\hw_msh_155_h025_sed-12.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES
APPROVED BY: DATE:

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: SEDIMENTATION & EROSION CONTROL PLAN

PROJECT NO. 155-H025
DRAWING NO. SED-12
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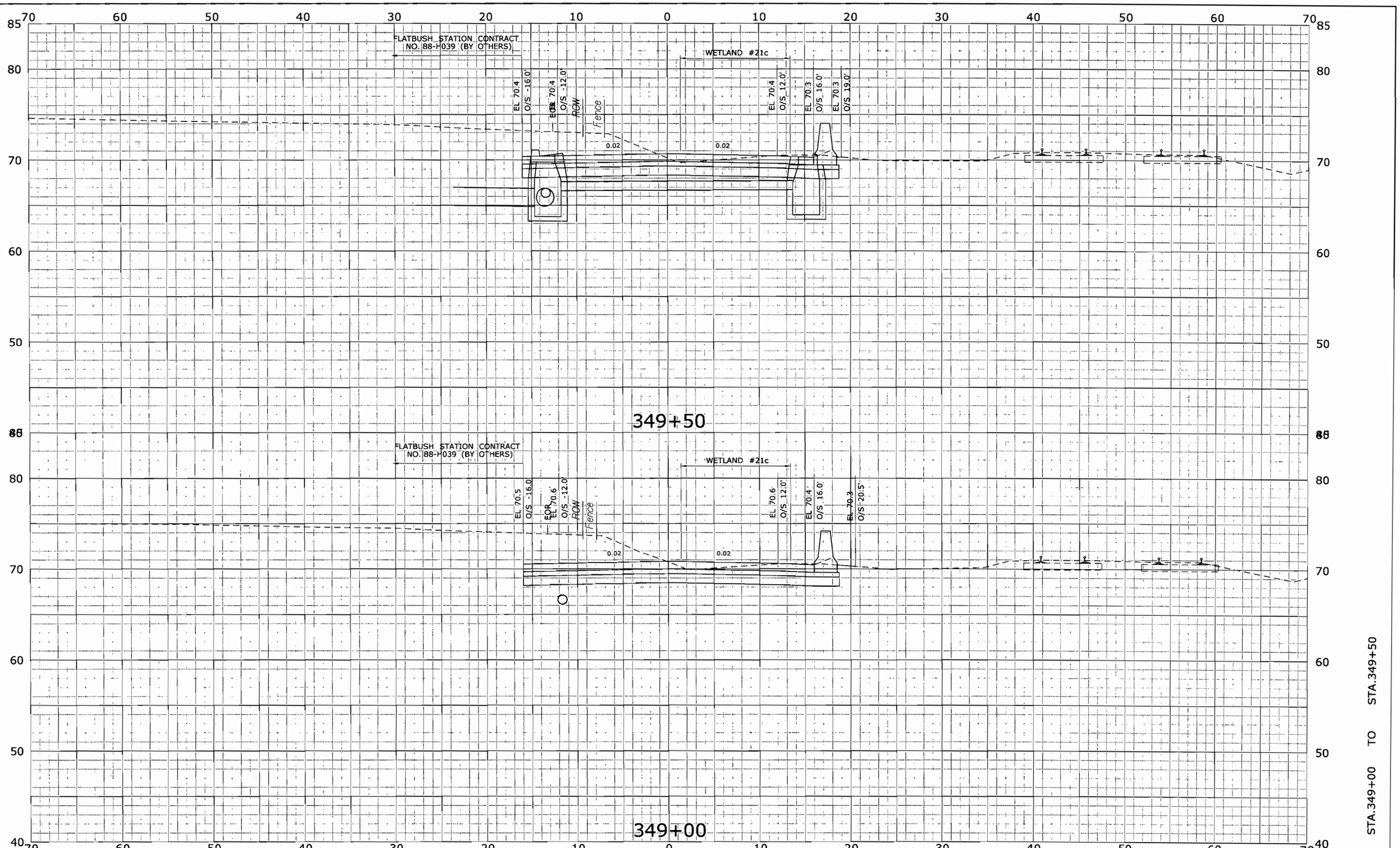

FINAL DESIGN REVIEW

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THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER

CHECKED BY: D. SHI

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES

APPROVED BY: R. ALOISE, P.E.

DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

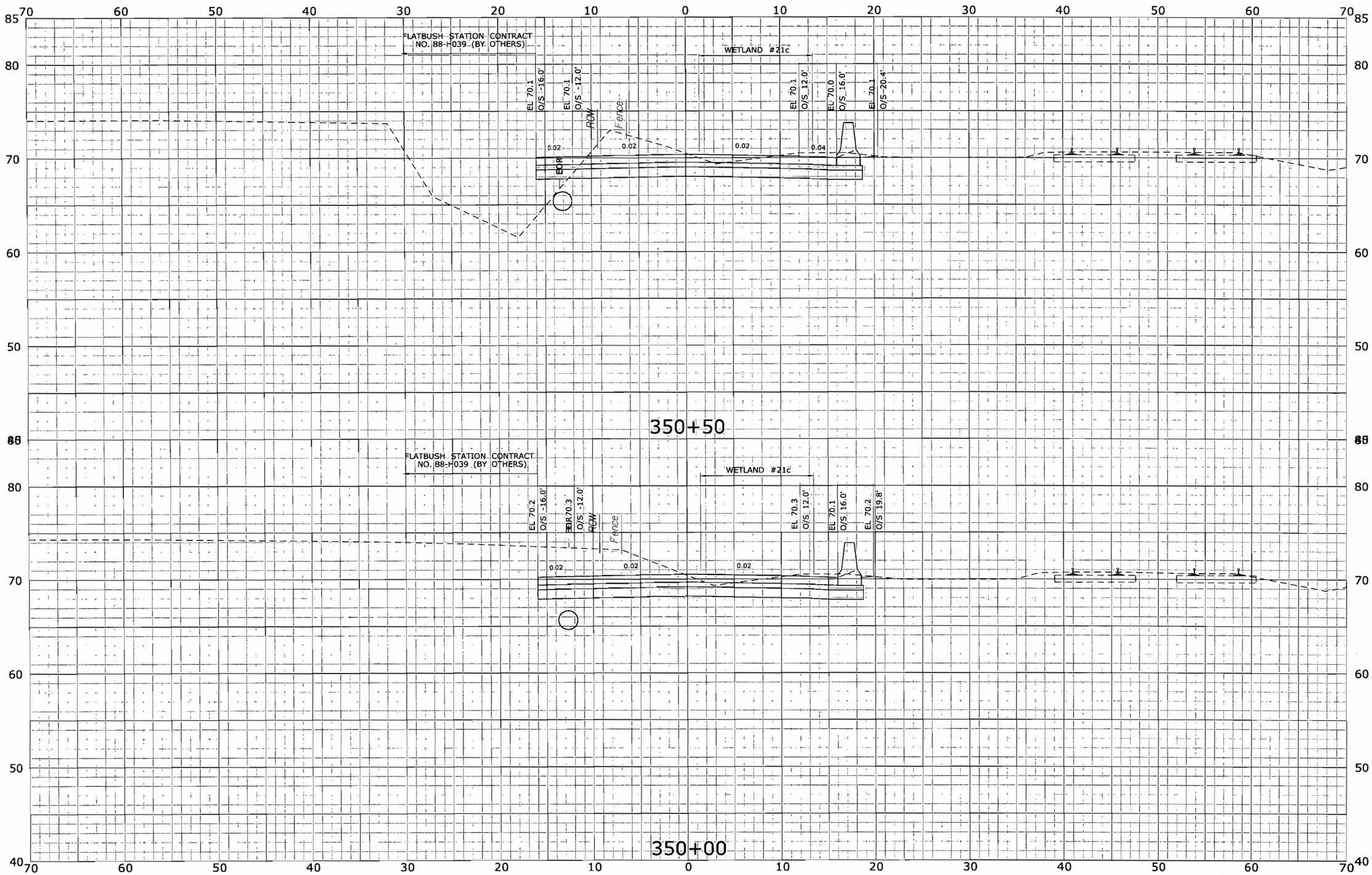
TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025

DRAWING NO. XSC-018

SHEET NO. 26



FINAL DESIGN REVIEW

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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER
CHECKED BY: D. SHI
SCALE IN FEET 0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

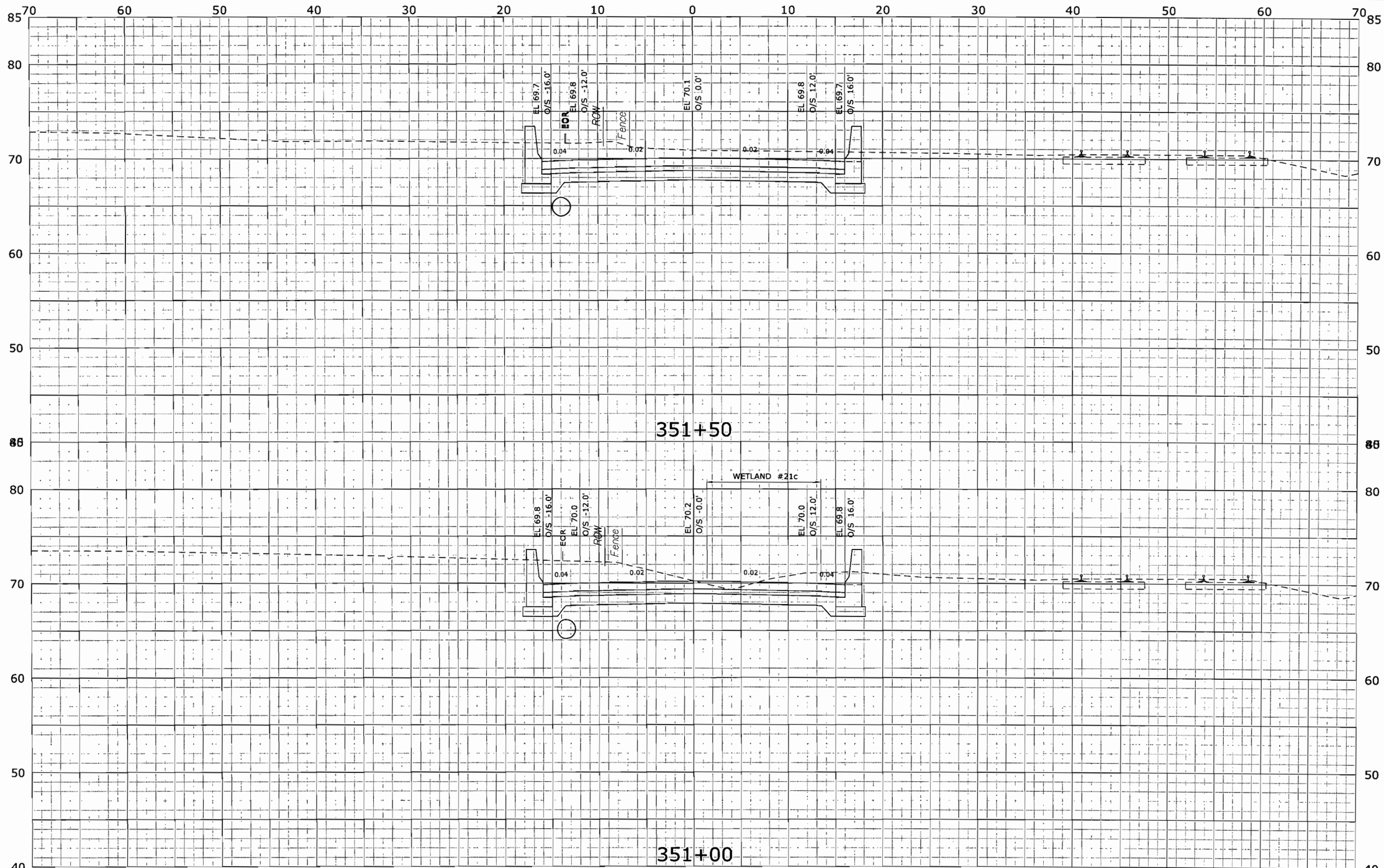
SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY: R. ALOISE, P.E.
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025
DRAWING NO. XSC-019
SHEET NO. 27



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER
CHECKED BY: D. SHI
SCALE IN FEET 0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

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APPROVED BY: R. ALOISE, P.E.
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD
DRAWING TITLE: CROSS SECTIONS
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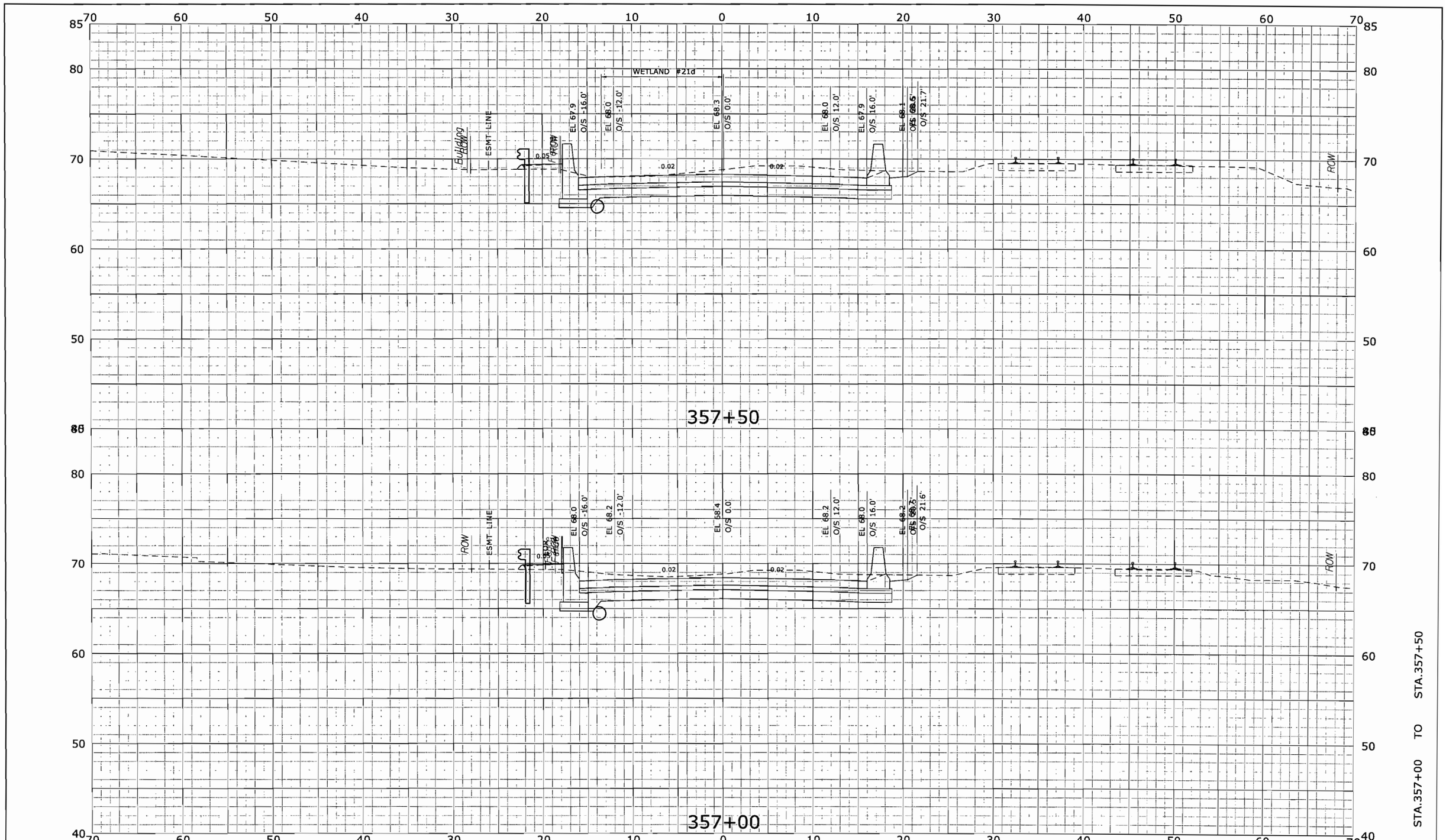
PROJECT NO. 155-H025
DRAWING NO. XSC-020
SHEET NO. 28



FINAL DESIGN REVIEW

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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER

CHECKED BY: D. SHI

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES

APPROVED BY: R. ALOISE, P.E.

DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

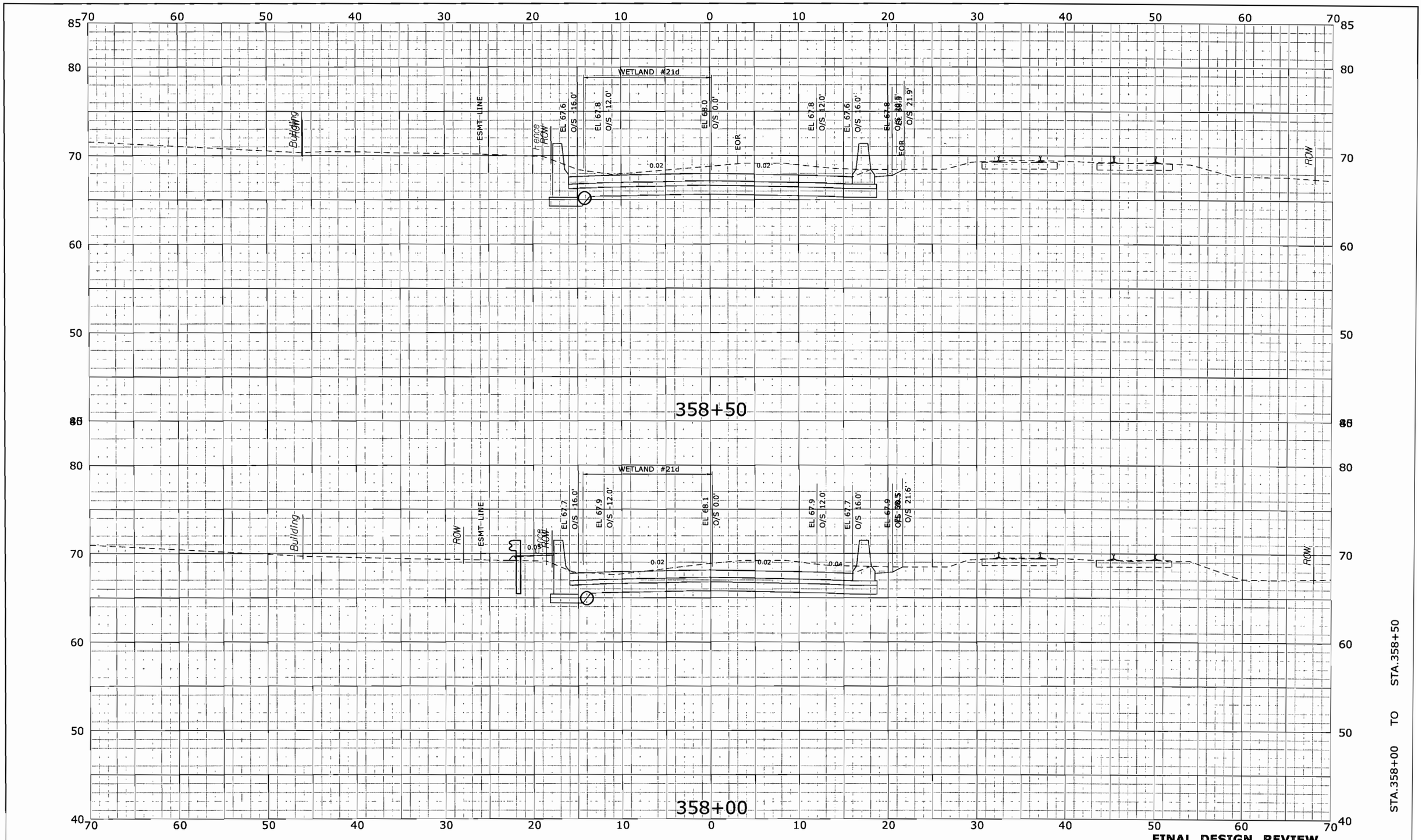
TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025

DRAWING NO. XSC-026

SHEET NO. 29



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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER
CHECKED BY: D. SHI
SCALE IN FEET
0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES
APPROVED BY: R. ALOISE, P.E.
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD
DRAWING TITLE: CROSS SECTIONS
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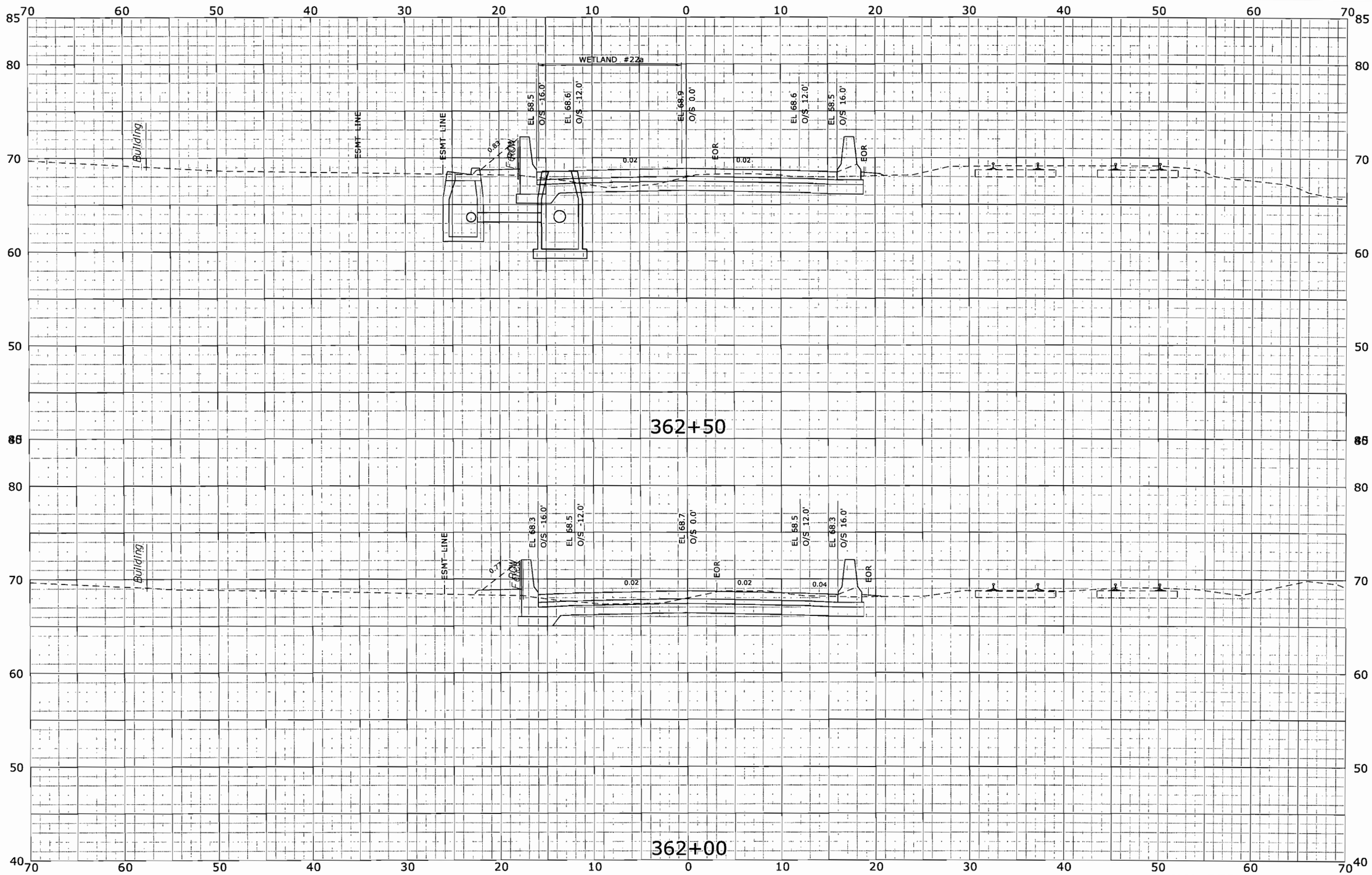
PROJECT NO. 155-H025
DRAWING NO. XSC-027
SHEET NO. 30



FINAL DESIGN REVIEW

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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER
CHECKED BY: D. SHI
SCALE IN FEET
0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY: R. ALOISE, P.E.
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD
DRAWING TITLE: CROSS SECTIONS
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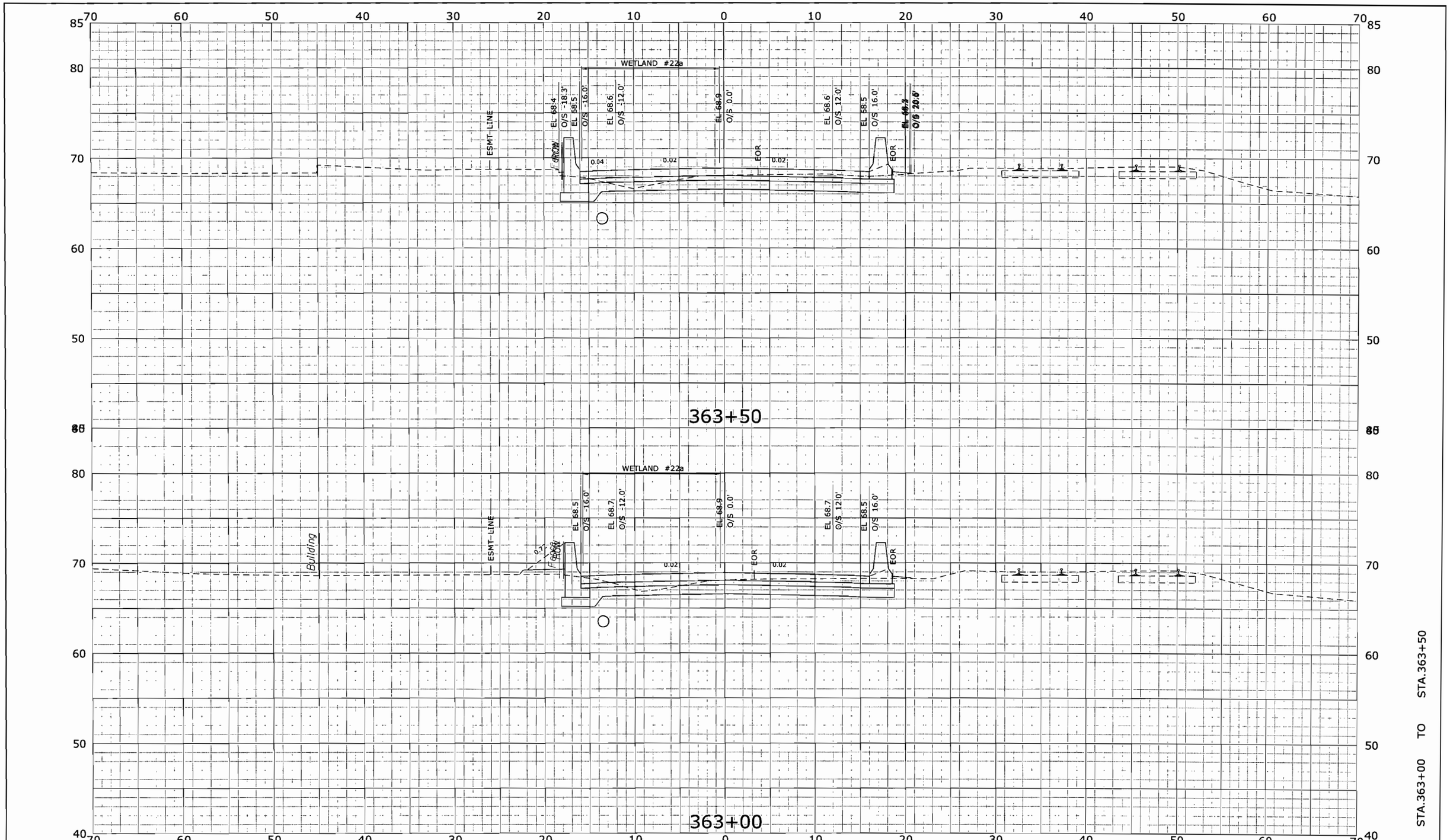
PROJECT NO. 155-H025
DRAWING NO. XSC-031
SHEET NO. 31



REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER
CHECKED BY: D. SHI
SCALE IN FEET 0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES
APPROVED BY: R. ALOISE, P.E.
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD
DRAWING TITLE: CROSS SECTIONS
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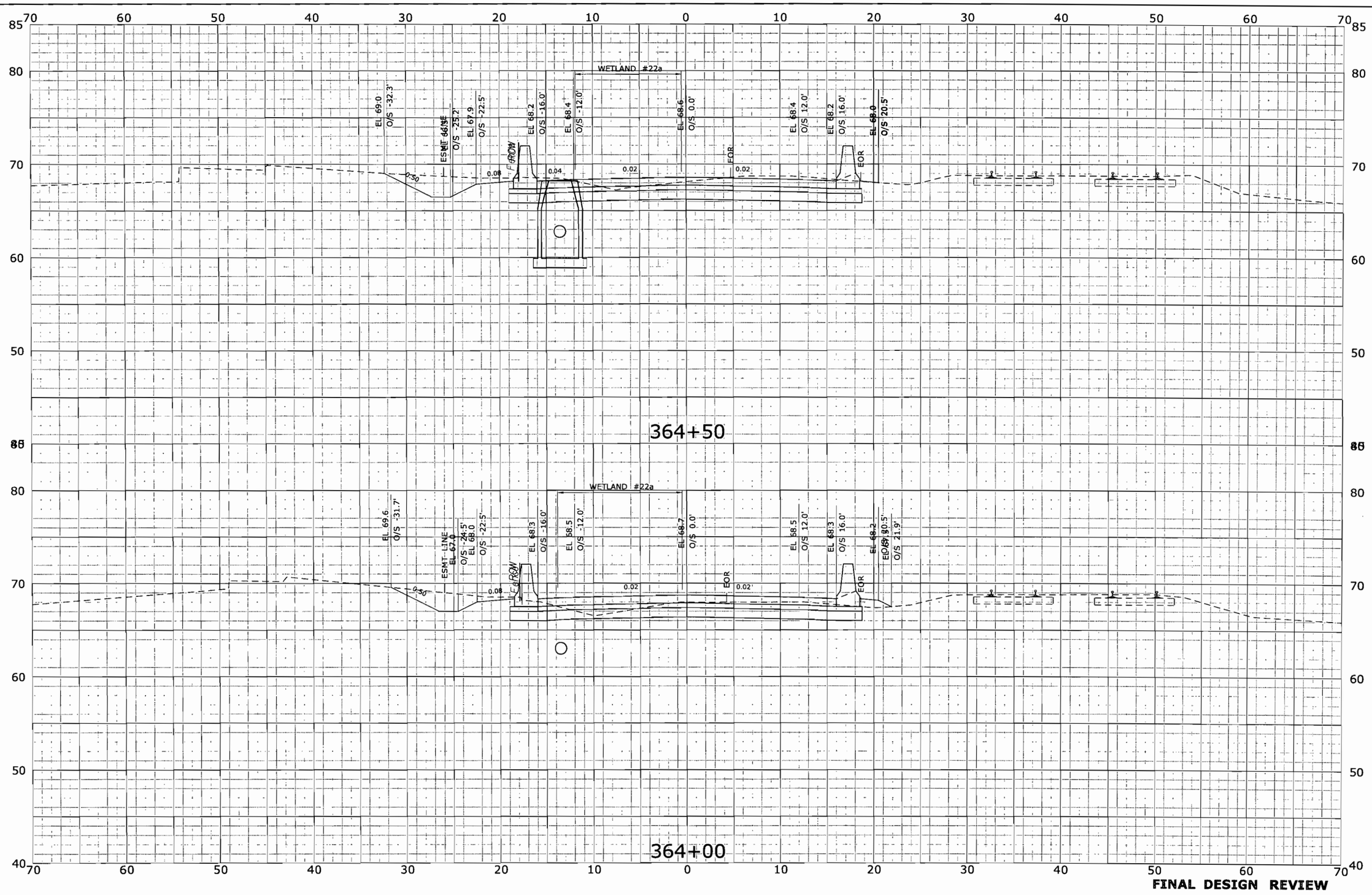
PROJECT NO. 155-H025
DRAWING NO. XSC-032
SHEET NO. 32



REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER
CHECKED BY: D. SHI
SCALE IN FEET 0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

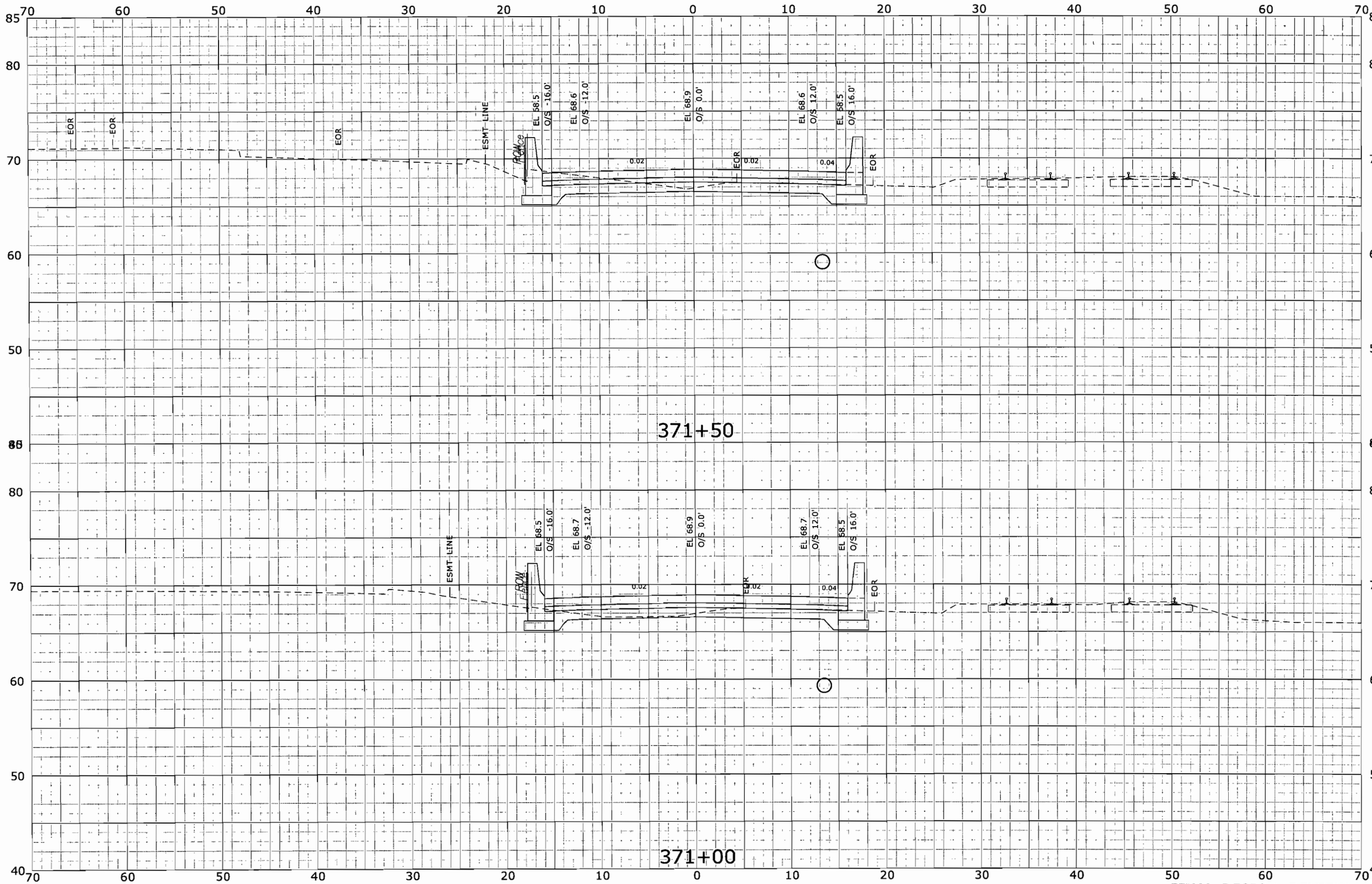
Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/BLOCK: URS CORPORATION AES
APPROVED BY: R. ALOISE, P.E.
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD
DRAWING TITLE: CROSS SECTIONS
-

PROJECT NO. 155-H025
DRAWING NO. XSC-033
SHEET NO. 33



REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER

CHECKED BY: D. SHI

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES

APPROVED BY: R. ALOISE, P.E.

DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

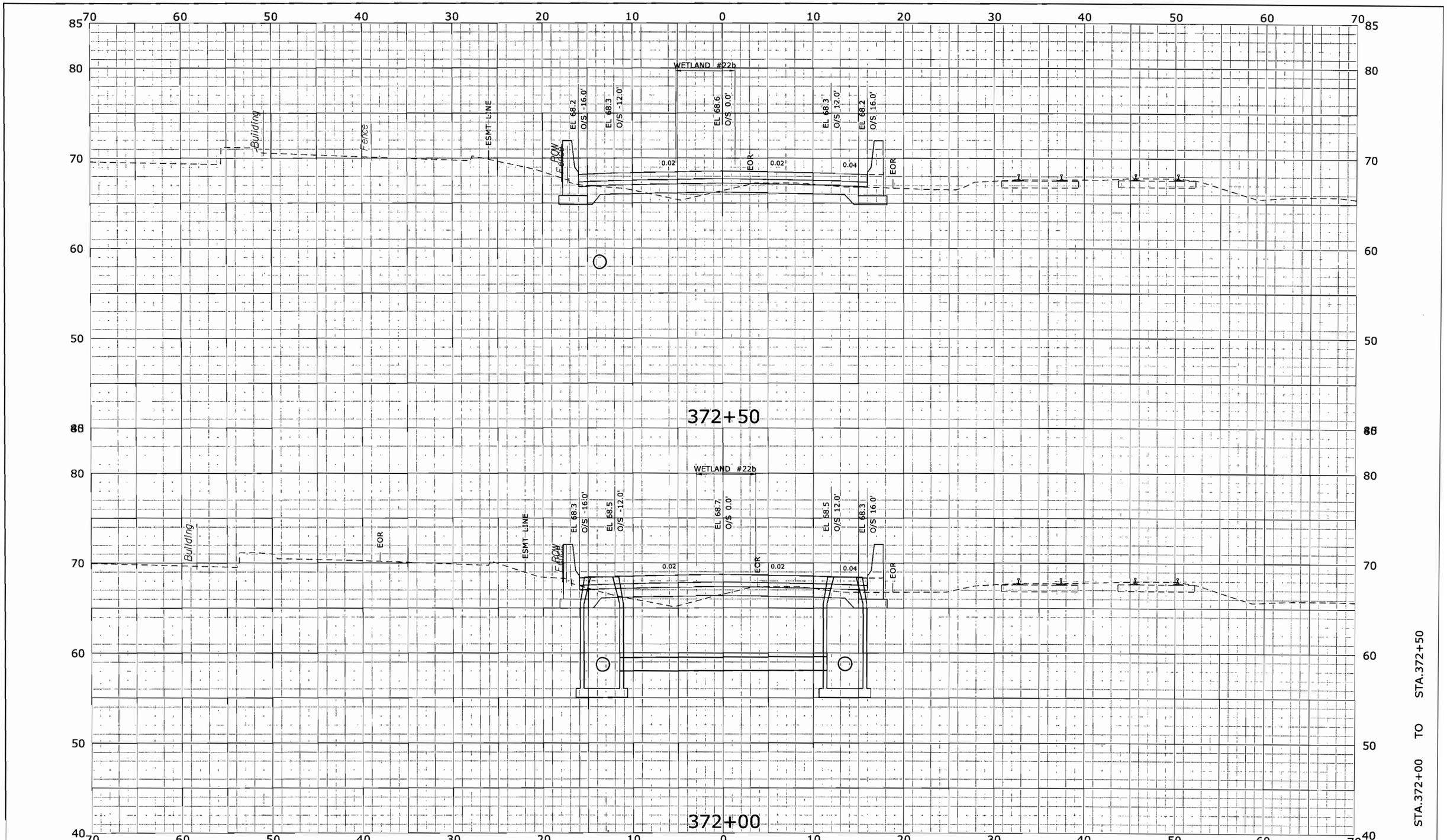
TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025

DRAWING NO. XSC-040

SHEET NO. 34



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER
CHECKED BY: D. SHI
SCALE IN FEET
0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

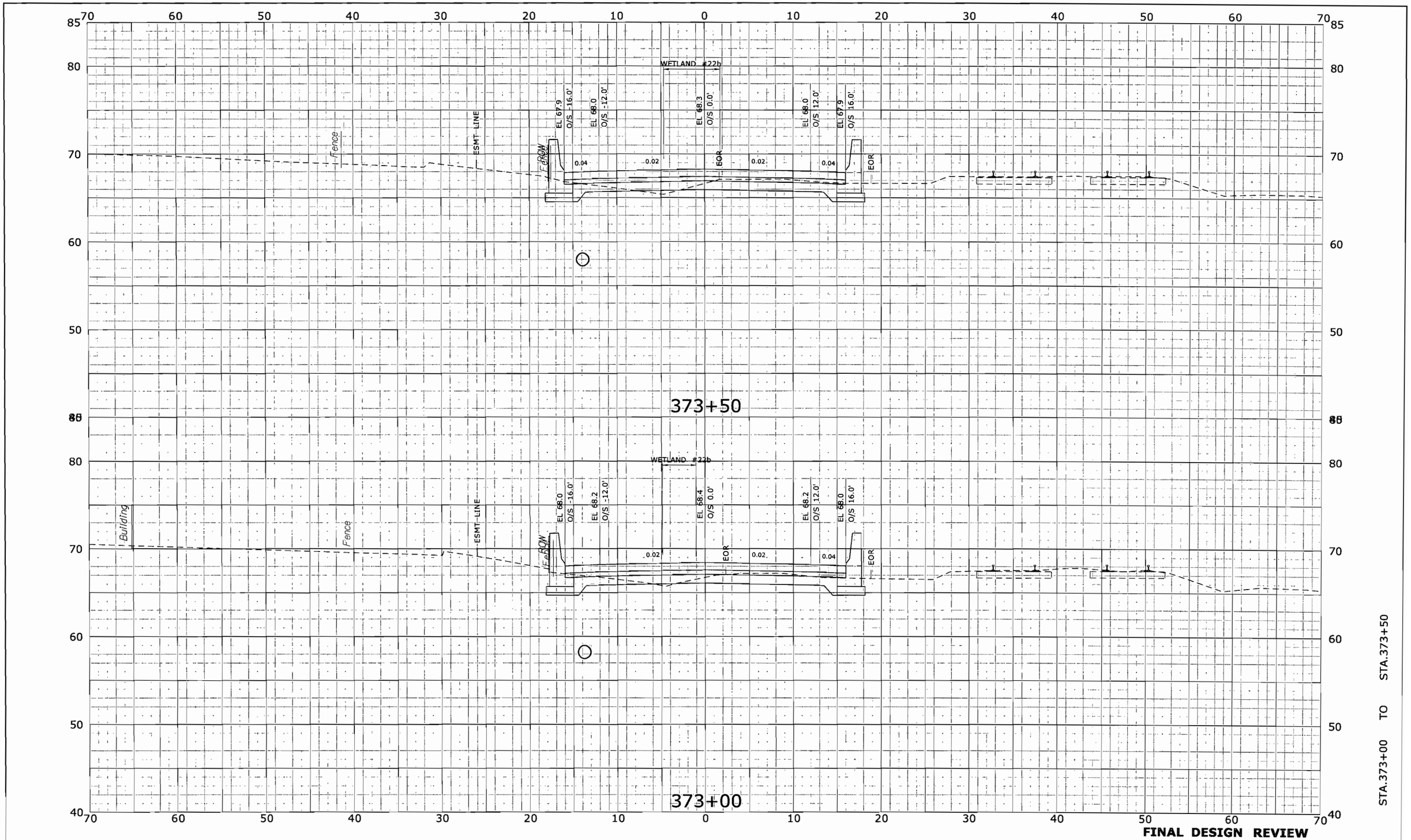
SIGNATURE/ BLOCK: URS CORPORATION AES
APPROVED BY: R. ALOISE, P.E.
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025
DRAWING NO. XSC-041
SHEET NO. 35



REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER
CHECKED BY: D. SHI
SCALE IN FEET 0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES
APPROVED BY: R. ALOISE, P.E.
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD
DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025
DRAWING NO. XSC-042
SHEET NO. 36

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER

CHECKED BY: D. SHI

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES

APPROVED BY: R. ALOISE, P.E.

DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

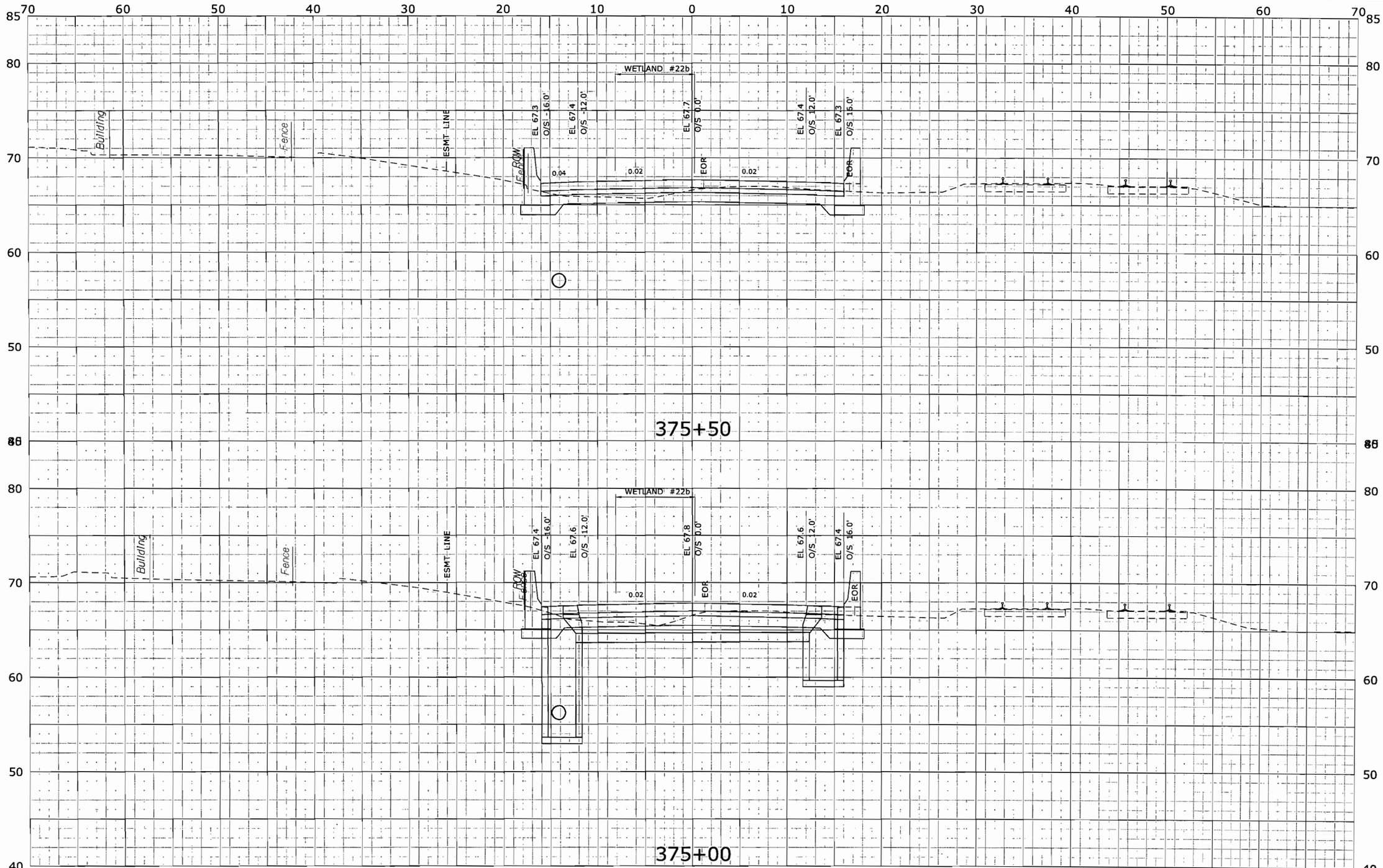
TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025

DRAWING NO. XSC-043

SHEET NO. 37



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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CHECKED BY: D. SHI
SCALE IN FEET 0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

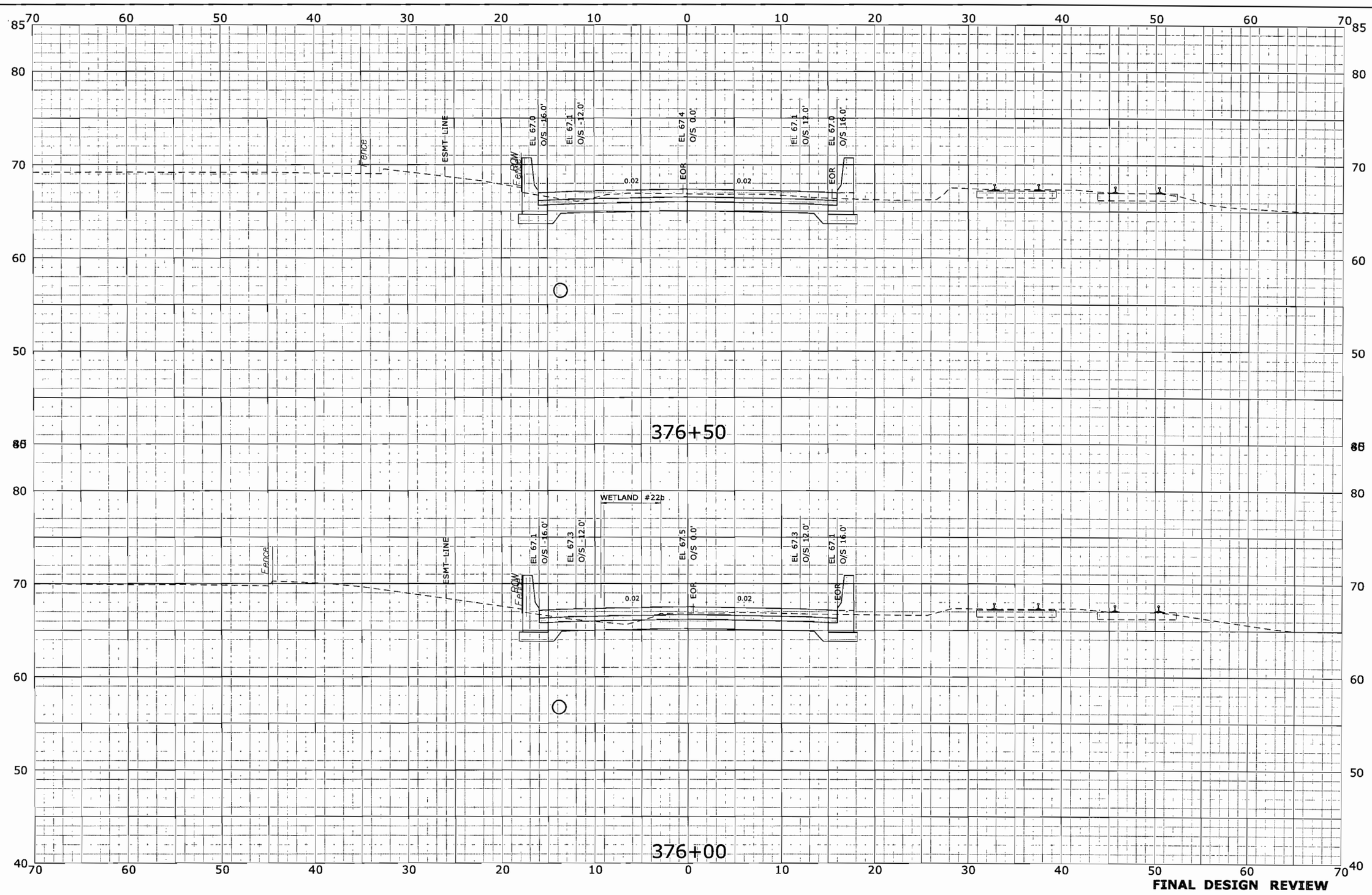
Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES
APPROVED BY: R. ALOISE, P.E.
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD
DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025
DRAWING NO. XSC-044
SHEET NO. 38



REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER

CHECKED BY: D. SHI

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES

APPROVED BY: R. ALOISE, P.E.

DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

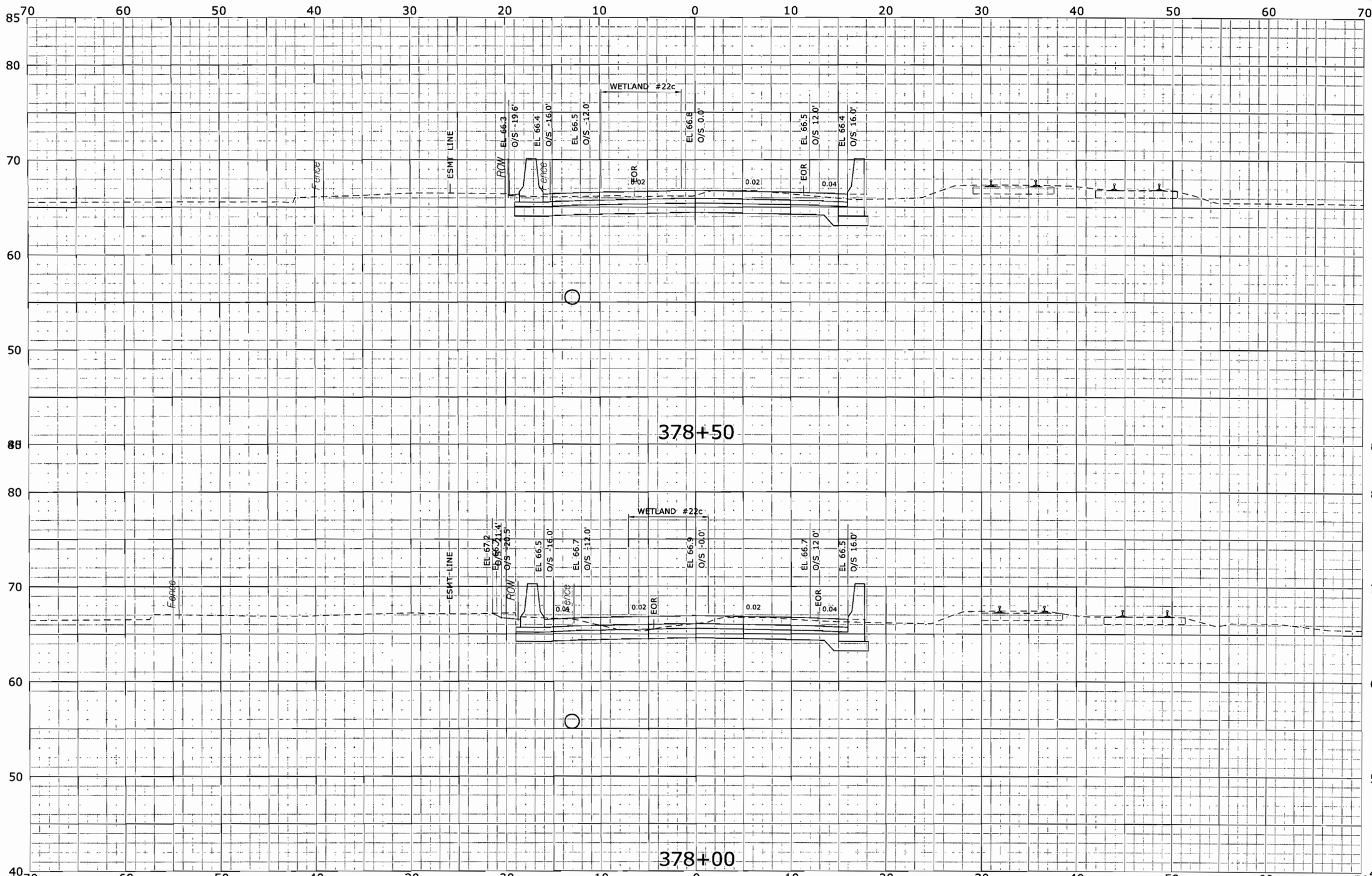
TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025

DRAWING NO. XSC-045

SHEET NO. 39



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER

CHECKED BY: D. SHI

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES

APPROVED BY: R. ALOISE, P.E.

DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

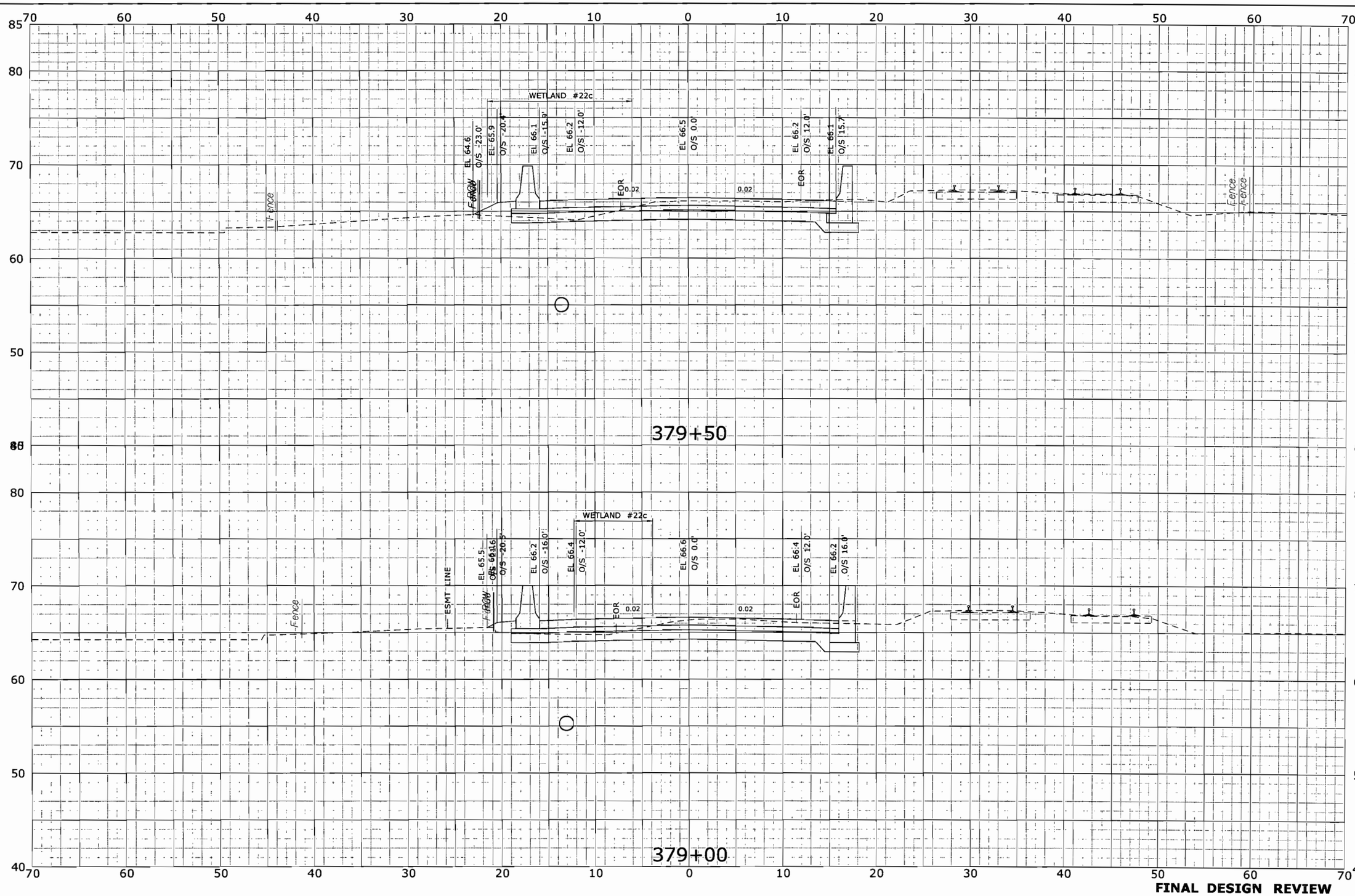
TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025

DRAWING NO. XSC-047

SHEET NO. 40



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER

CHECKED BY: D. SHI

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES

APPROVED BY: R. ALOISE, P.E.

DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

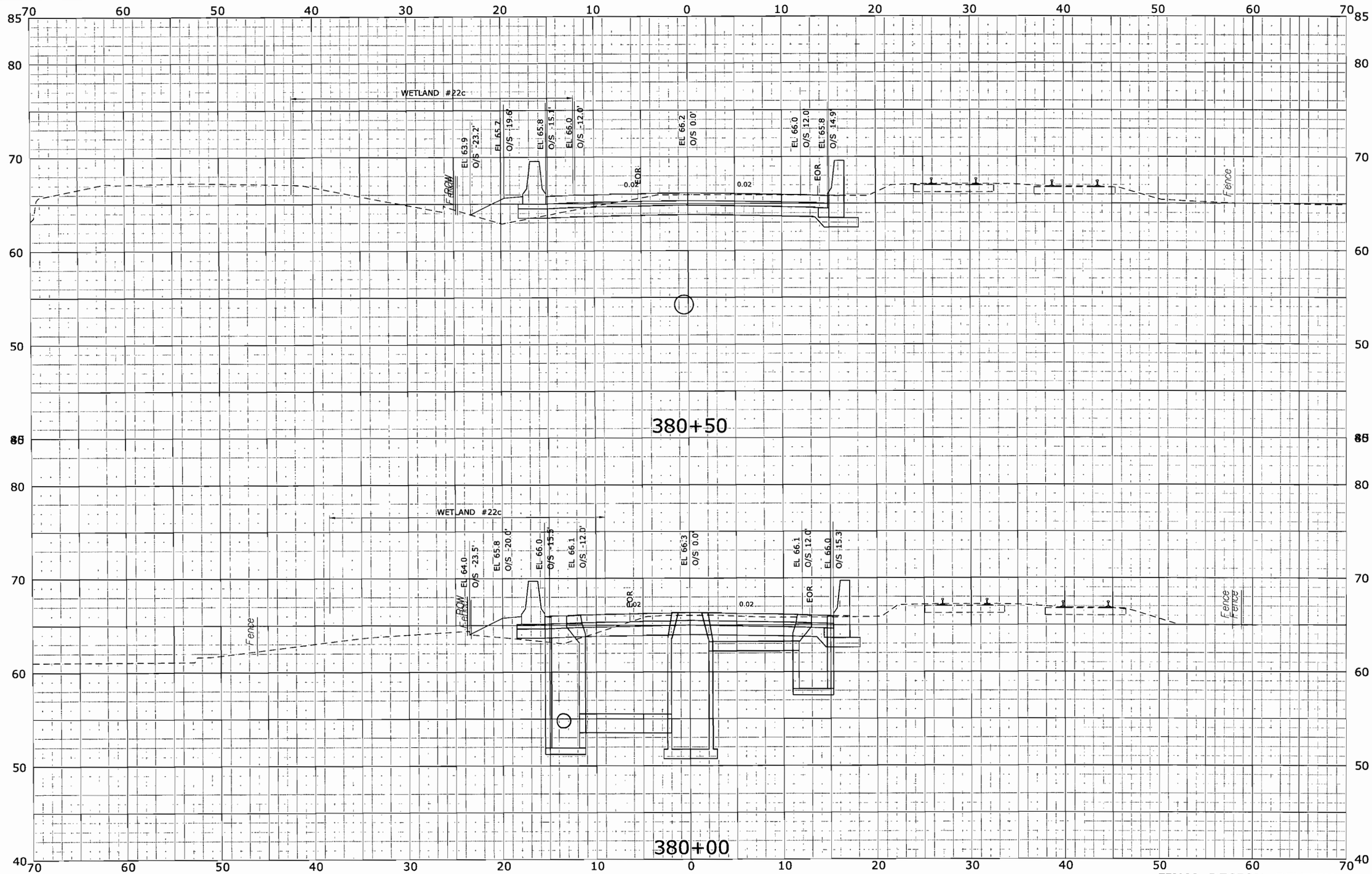
TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025

DRAWING NO. XSC-048

SHEET NO. 41



STA.380+00 TO STA.380+50

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER

CHECKED BY: D. SHI

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/BLOCK: URS CORPORATION AES

APPROVED BY: R. ALOISE, P.E.

DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

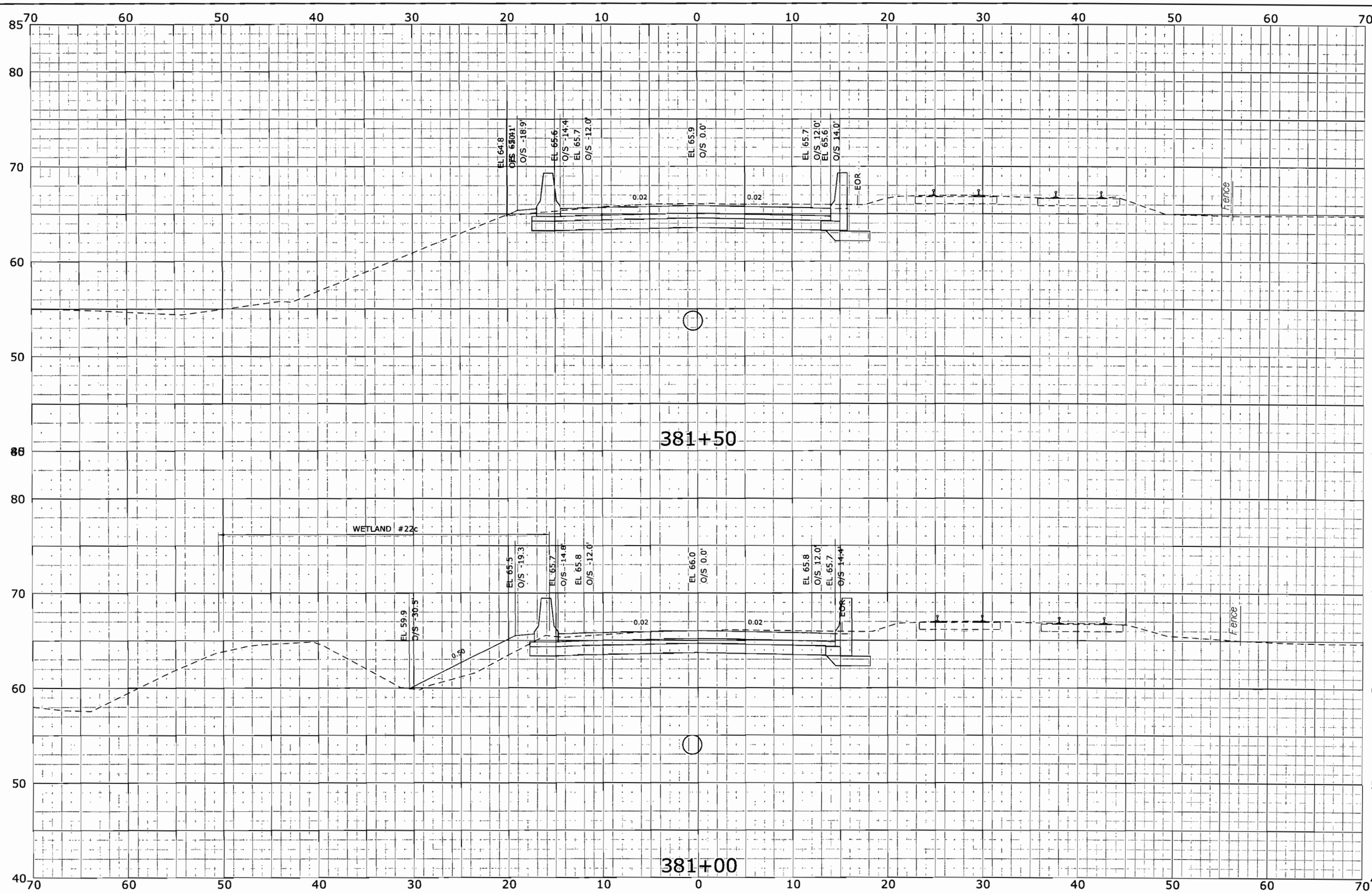
TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025

DRAWING NO. XSC-049

SHEET NO. 42



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER

CHECKED BY: D. SHI

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES

APPROVED BY: R. ALOISE, P.E.

DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

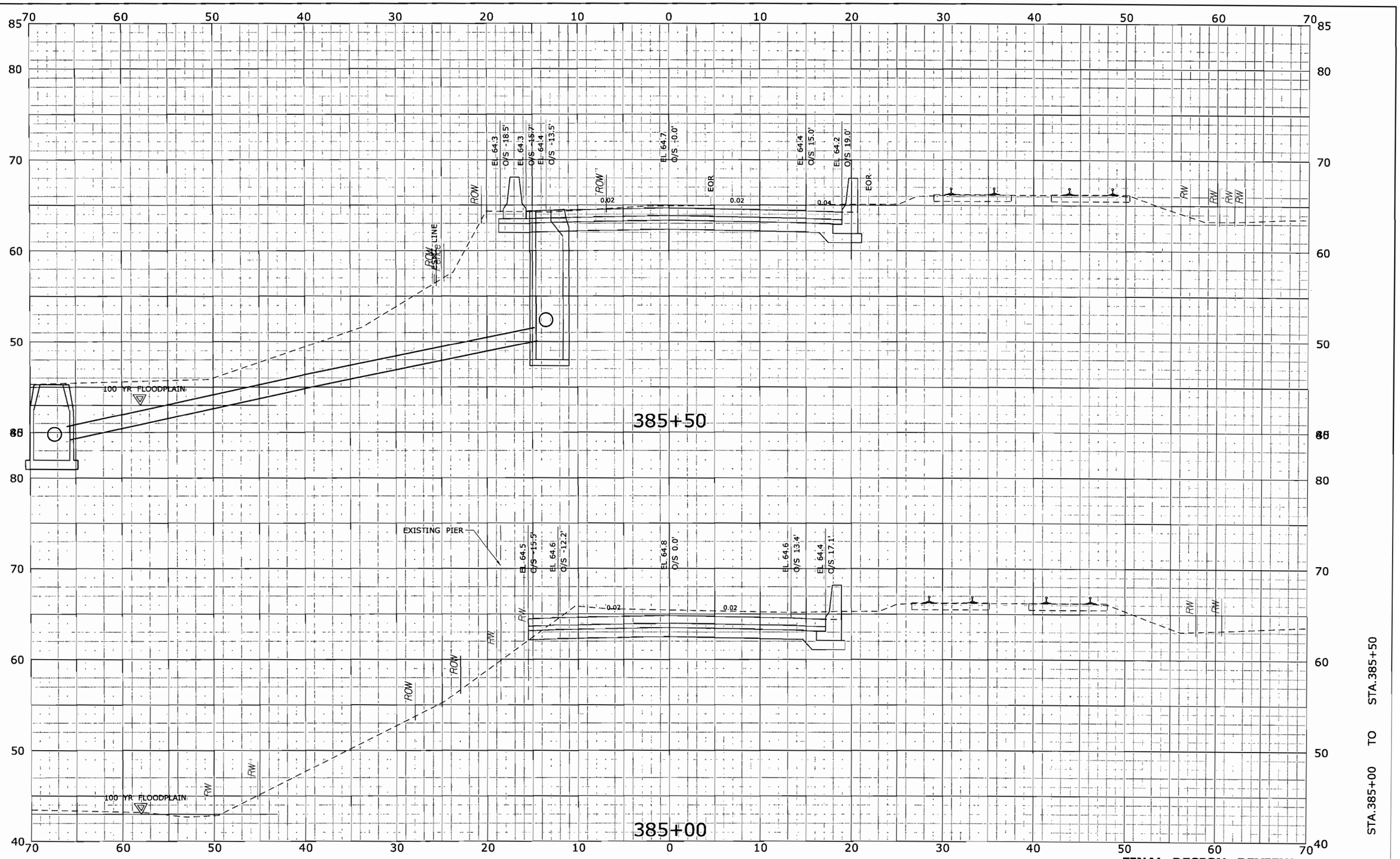
TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025

DRAWING NO. XSC-050

SHEET NO. 43



REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 10/27/2009

DESIGNER/DRAFTER: T. CARTIER
CHECKED BY: D. SHI
SCALE IN FEET 0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/ BLOCK: URS CORPORATION AES
APPROVED BY: R. ALOISE, P.E.
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD
DRAWING TITLE: CROSS SECTIONS
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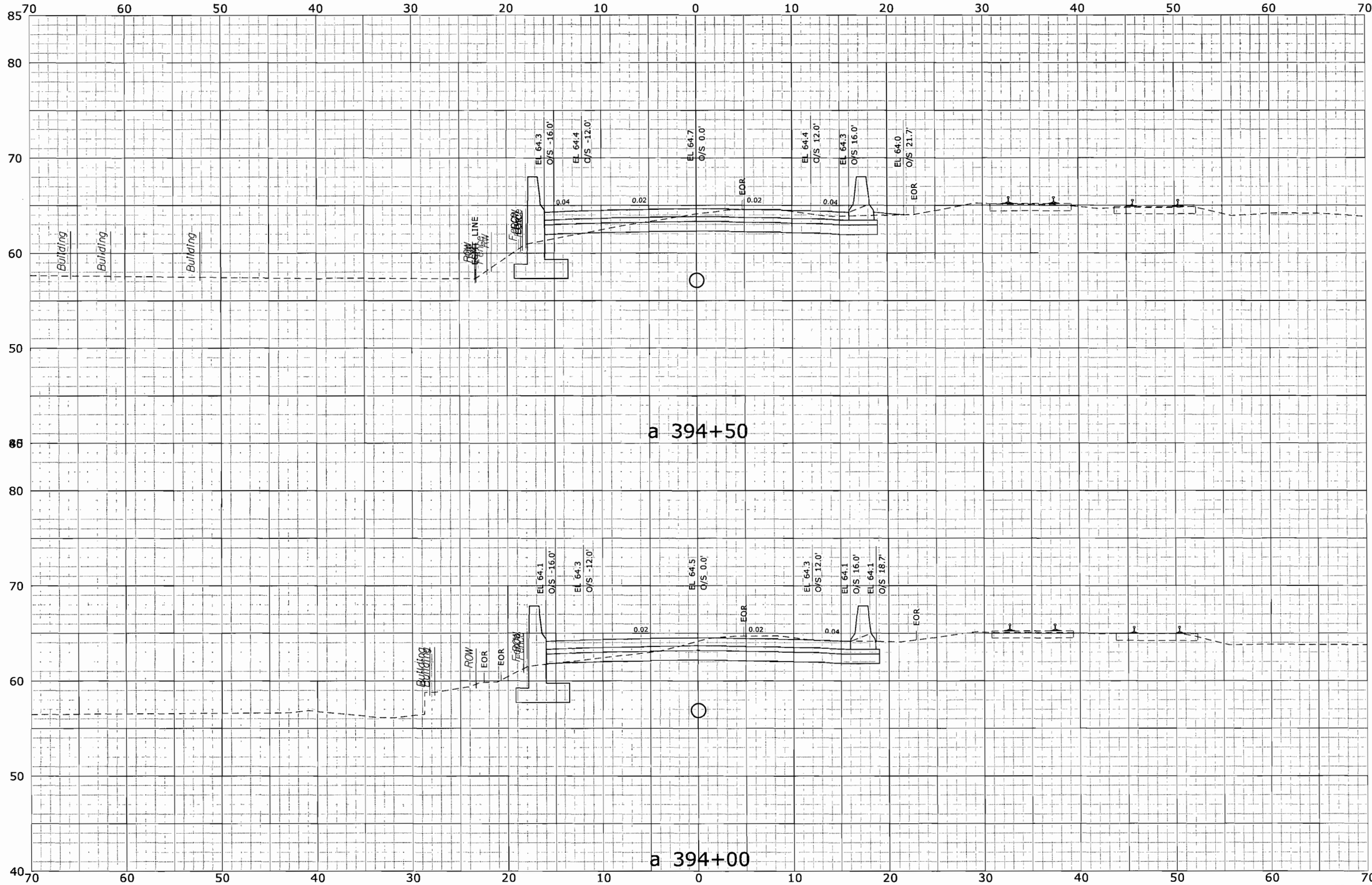
PROJECT NO. 155-H025
DRAWING NO. XSC-054
SHEET NO. 44



STA.a 394+00 TO STA.a 394+50

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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DESIGNER/DRAFTER: T. CARTIER

CHECKED BY: D. SHI

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\hw_msh_155_h025_xsc.dgn

SIGNATURE/BLOCK: URS CORPORATION AES

APPROVED BY: R. ALOISE, P.E.

DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: WEST HARTFORD/ HARTFORD

DRAWING TITLE: CROSS SECTIONS -

PROJECT NO. 155-H025

DRAWING NO. XSC-063

SHEET NO. 45