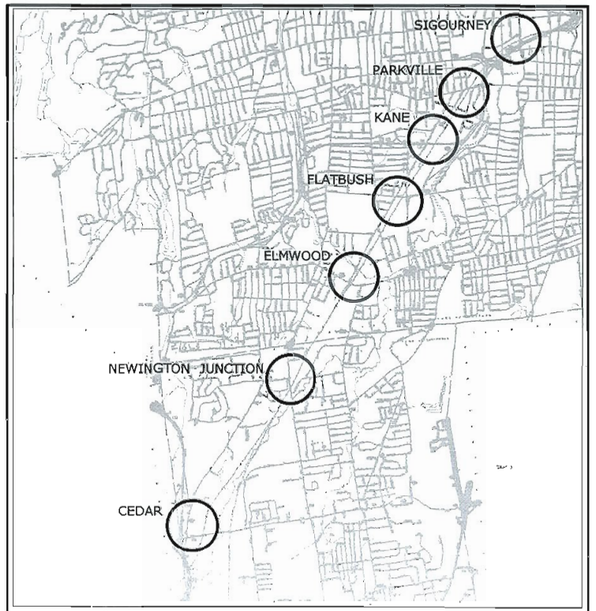


LOCATION PLAN

SCALE IN FEET

4000 0 4000 8000

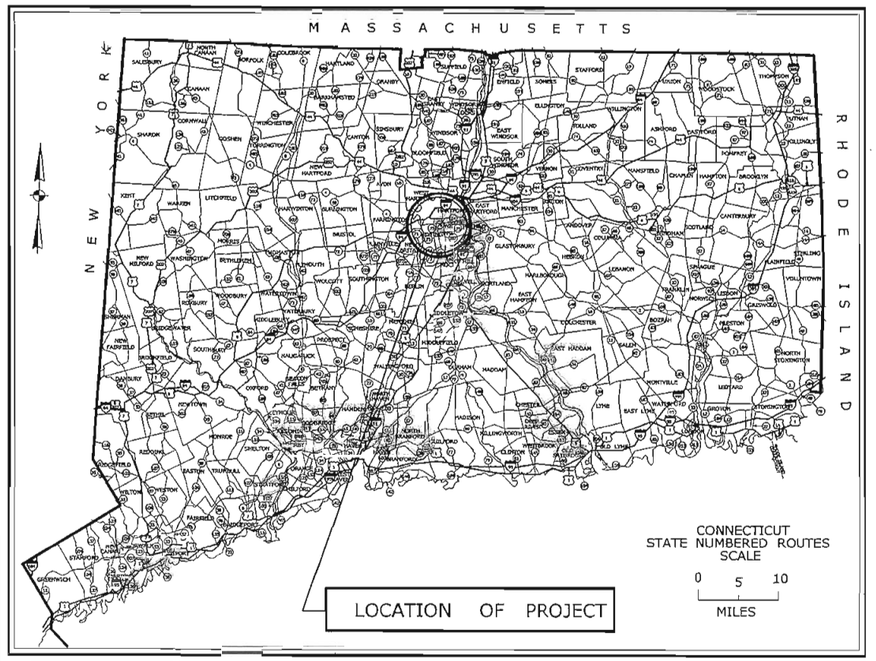
CONNECTICUT DEPARTMENT OF TRANSPORTATION

FOR

NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS

IN THE TOWN(S) OF

NEWINGTON, WEST HARTFORD, AND HARTFORD



2004 SPECIFICATIONS, FORM 816 GOVERN INCLUDING SUPPLEMENT THERETO DATED JANUARY 2010
ALL ELEVATIONS ON THIS PROJECT BASED ON NGVD OF 1929
COORDINATES BASED ON CONNECTICUT COORDINATE SYSTEM NAD 1983

LIST OF DRAWINGS

DWG. NO.	SHEET NO.	TITLE	DWG. NO.	SHEET NO.	TITLE
TSH-01		TITLE SHEET			
		DRAINAGE DETAILS			
		SEDIMENTATION AND EROSION CONTROL DETAILS			
		CEDAR STREET STATION			
GRD-CXX		GRADING PLANS			
SED-CXX		SEDIMENTATION AND EROSION CONTROL PLAN			
DRG-CXX		DRAINAGE PLANS			
		NEWINGTON JUNCTION STATION			
GRD-JXX		GRADING PLANS			
SED-JXX		SEDIMENTATION AND EROSION CONTROL PLAN			
DRG-JXX		DRAINAGE PLANS			
		ELMWOOD STATION			
GRD-LXX		GRADING PLANS			
SED-LXX		SEDIMENTATION AND EROSION CONTROL PLAN			
DRG-LXX		DRAINAGE PLANS			
		FLATBUSH STATION			
GRD-FXX		GRADING PLANS			
SED-FXX		SEDIMENTATION AND EROSION CONTROL PLAN			
DRG-FXX		DRAINAGE PLANS			
		KANE STREET STATION			
GRD-KXX		GRADING PLANS			
SED-KXX		SEDIMENTATION AND EROSION CONTROL PLAN			
DRG-KXX		DRAINAGE PLANS			
		PARKVILLE STATION			
GRD-PXX		GRADING PLANS			
SED-PXX		SEDIMENTATION AND EROSION CONTROL PLAN			
DRG-PXX		DRAINAGE PLANS			
		SIGOURNEY STREET STATION			
GRD-SXX		GRADING PLANS			
SED-SXX		SEDIMENTATION AND EROSION CONTROL PLAN			
DRG-SXX		DRAINAGE PLANS			

RECEIVED
INLAND WATER RESOURCES DIVISION

RECEIVED
AUG 12 2010
INLAND WATER RESOURCES DIVISION

PERMIT SUBMISSION PLANS- NOT FOR CONSTRUCTION

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.

STATE OF CONNECTICUT
ALBERT G. BISAILLON
No.14856
LICENSED
PROFESSIONAL ENGINEER

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 (FACILITIES) - SCOTT A. HILL, P.E.

APPROVAL RECOMMENDED _____ - _____ 2010

MANAGER OF STATE DESIGN

APPROVED _____ - _____ 2010

TRANSPORTATION ENGINEERING ADMINISTRATOR (ACTING) - JAMES H. NORMAN, P.E.

BRT CONTRACT NO. 3

HALF SCALE

PERMIT SUBMISSION PLANS

LIST OF DRAWING REVISIONS

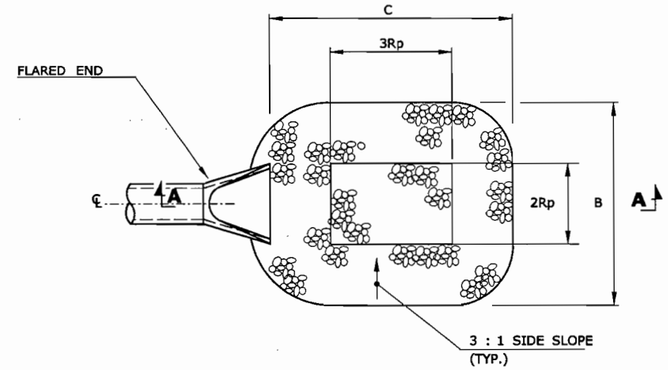
SHEET NO.	DESCRIPTION	DATE	BY

STANDARD EXISTNG CONVENTIONS

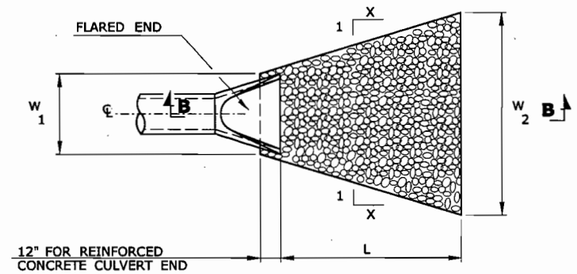
Hedge Row
North Arrow W/No. Coor.
Edge Of Road
Dirt Road
BCLC
Granite Curb
Guide Rail
Concrete Median Barrier
Bit. Walk
Conc. Sidewalk
Railroad Tracks
Chain Link Fence
Rustic Fence
Pipe Fence
Board Fence
Water Edge
Stream
Ditch
TOWN LINE
Grid Arrow
Limit Of Marsh
Stone Wall
Ledge Outcrop
Riprap
Inland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

Border Version 11/7/7

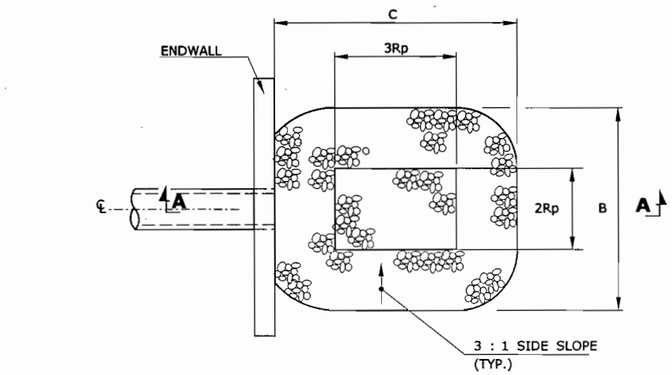
F.H.W.A. REGION NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CT	NEWINGTON, WEST HARTFORD AND HARTFORD	-	171-0305	2010	-	1	



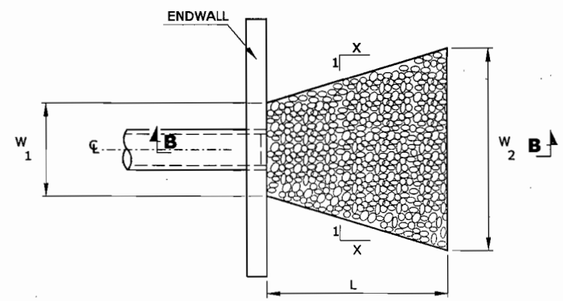
FLARED END PLAN VIEW



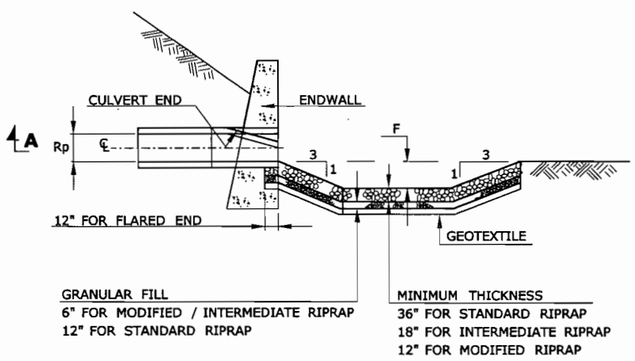
FLARED END PLAN VIEW



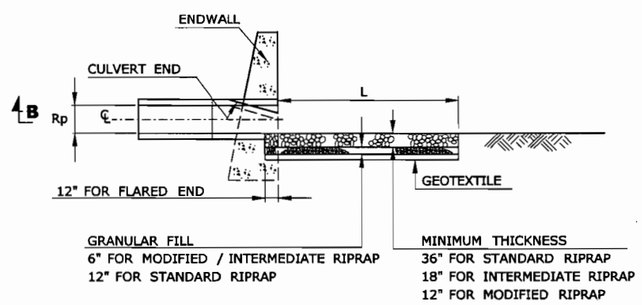
ENDWALL PLAN VIEW



ENDWALL PLAN VIEW



SECTION
A-A



SECTION
B-B

PREFORMED SCOUR HOLE DETAIL
NOT TO SCALE

RIPRAP APRON
NOT TO SCALE

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
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-	-	-	-
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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 Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_MDS_88H039_DRG-C20.dgn

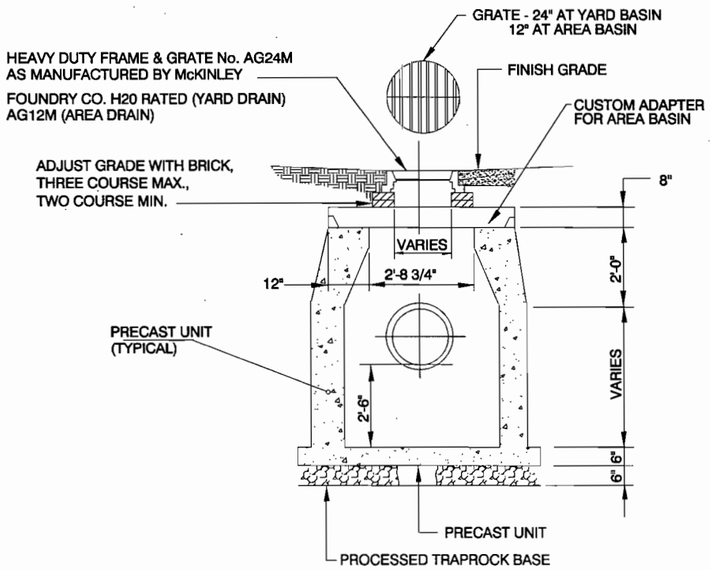
SIGNATURE/BLOCK: SEA CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS

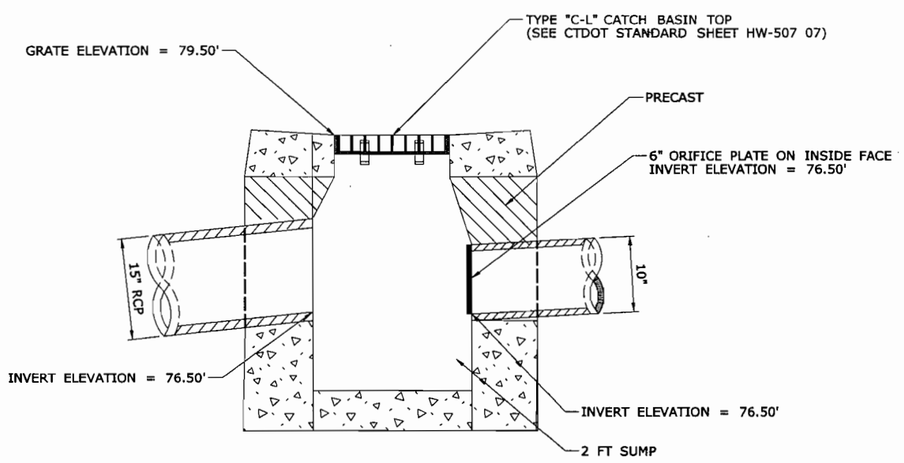
TOWN: NEWINGTON, W. HARTFORD AND HARTFORD

DRAWING TITLE: DRAINAGE DETAILS

PROJECT NO. 88-H039
DRAWING NO. MDS-C20
SHEET NO.



YARD & AREA BASIN



CEDAR STREET STATION DETENTION BASIN OUTLET STRUCTURE

(SEE CTDOT STANDARD SHEET HW-507_01 FOR TYPE "C-L" DROP INLET)

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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-	-	-	-

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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
NTS

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_MDS_88H039_DRG-C21.dgn

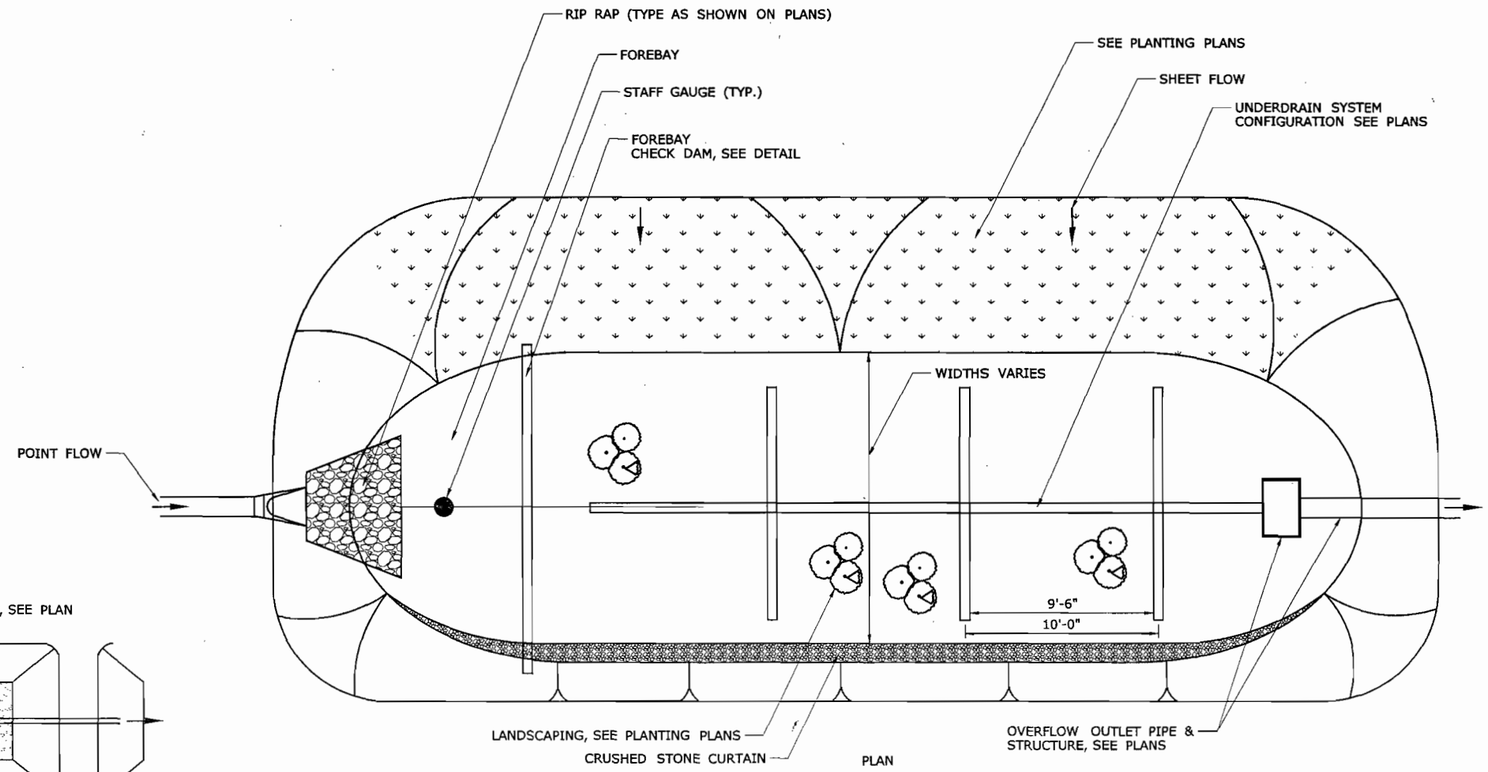
SIGNATURE/ BLOCK:
S E A CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE:
NEW BRITAIN - HARTFORD
BUS RAPID TRANSIT STATIONS

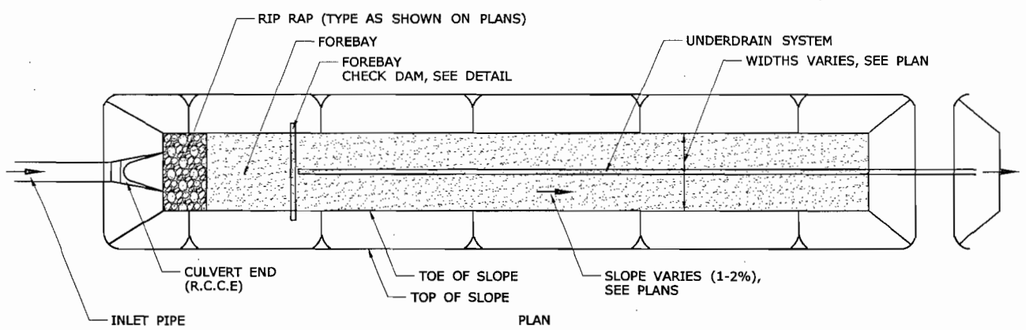
TOWN: NEWINGTON, W. HARTFORD AND HARTFORD

DRAWING TITLE: DRAINAGE DETAILS

PROJECT NO. 88-H039
DRAWING NO. MDS-C21
SHEET NO.



PLAN



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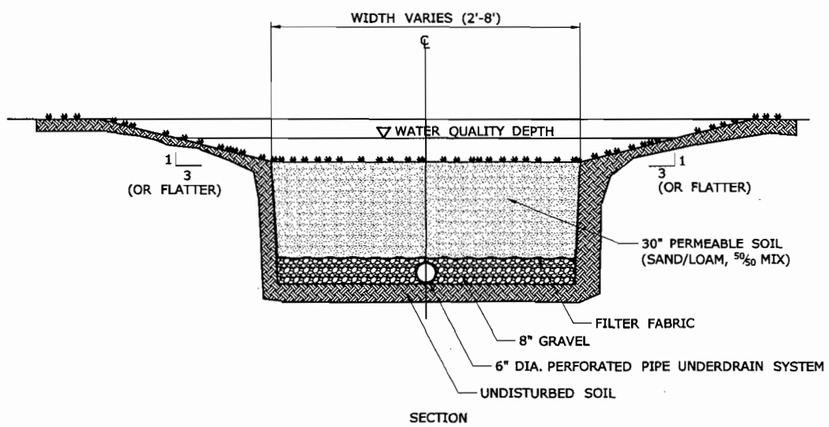
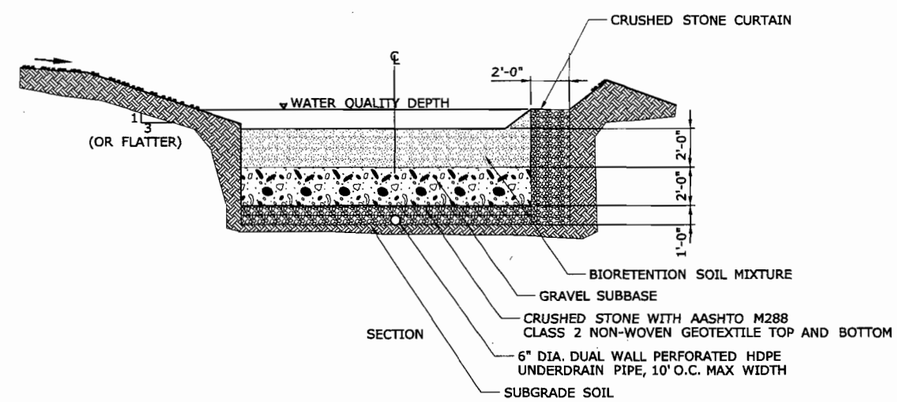


SECTION

DRY SWALE



SECTION

BIORETENTION BASIN

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: $FILE$

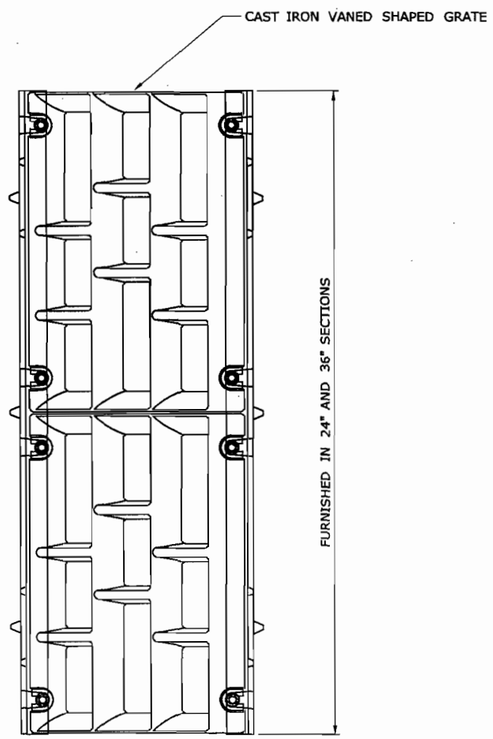
SIGNATURE/ BLOCK: SEA CONSULTANTS
APPROVED BY: -
DATE: -

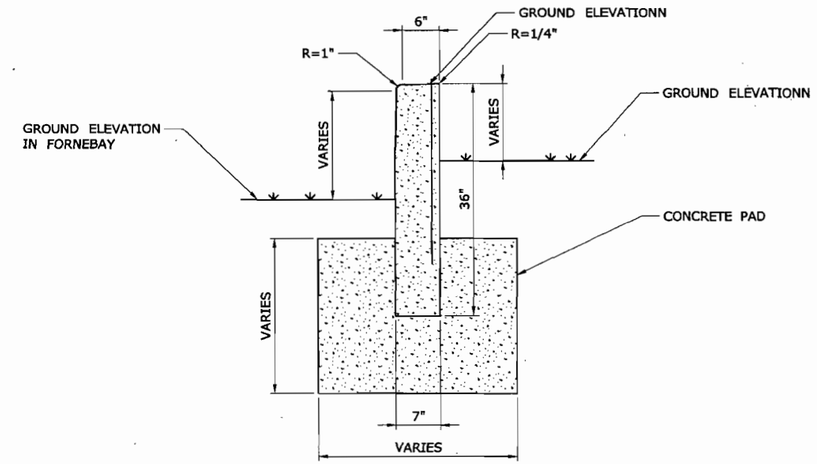
PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS

TOWN: NEWINGTON, W. HARTFORD AND HARTFORD

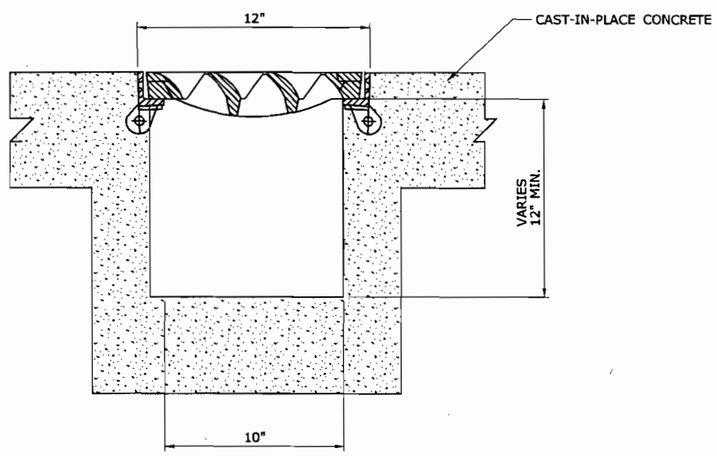
DRAWING TITLE: DETAILS - DRAINAGE

PROJECT NO. 88-H039
DRAWING NO. MDS-C22
SHEET NO.





FOREBAY CHECK DAM



TRENCH DRAIN FRAME AND GRATE

GENERAL NOTES:

1. THE GRATE SHOULD NOT PROJECT ABOVE PAVEMENT.
2. DEPTH OF TRENCH DRAIN VARIES. SLOPE BOTTOM TO DRAIN TOWARD OUTFALL PIPE PER PLANS.

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_MDS_88H039_DRG-C23.dgn

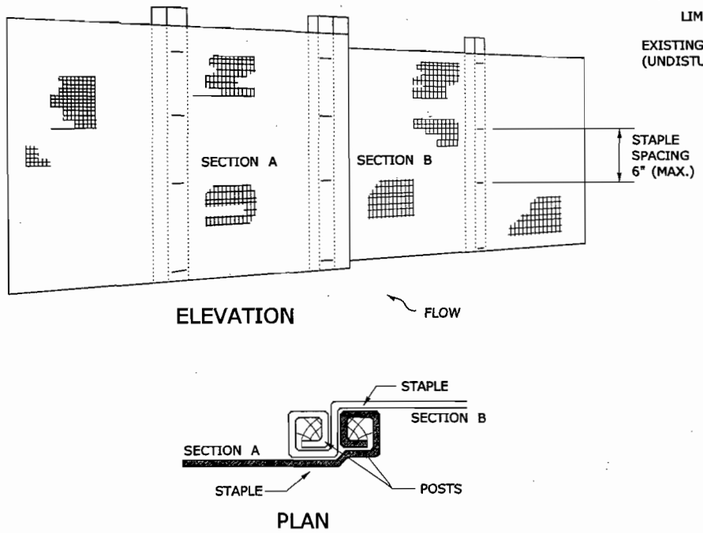
SIGNATURE/ BLOCK:
SEA CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE:
NEW BRITAIN - HARTFORD
BUS RAPID TRANSIT STATIONS

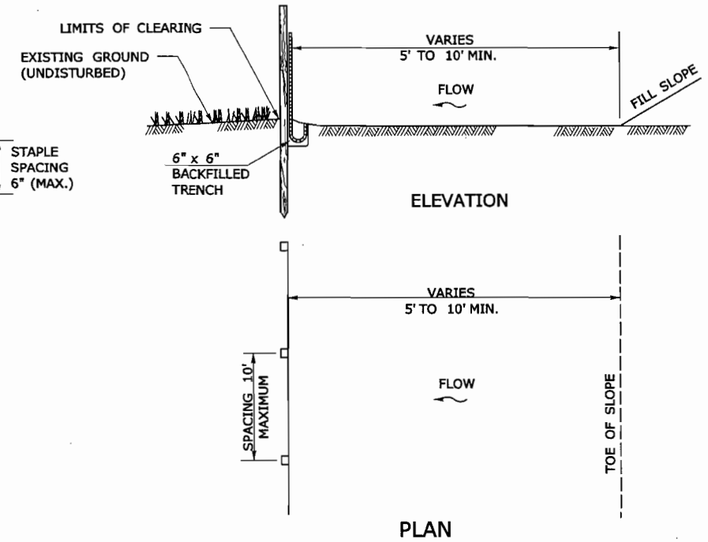
TOWN:
NEWINGTON, W. HARTFORD AND HARTFORD

DRAWING TITLE:
DRAINAGE DETAILS

PROJECT NO. 88-H039
DRAWING NO. MDS-C23
SHEET NO.



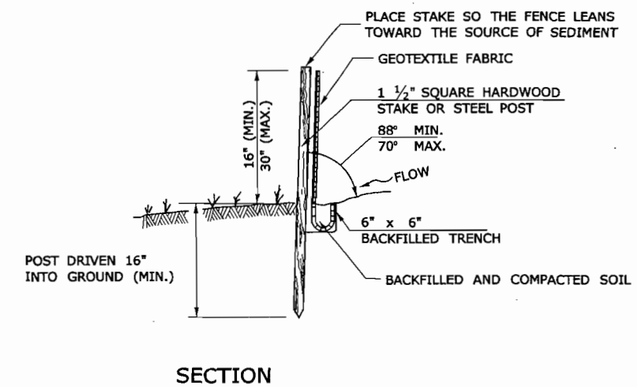
JOINING TWO ADJACENT SILT FENCE SECTIONS



SILT FENCE INSTALLATION AT TOE OF FILL

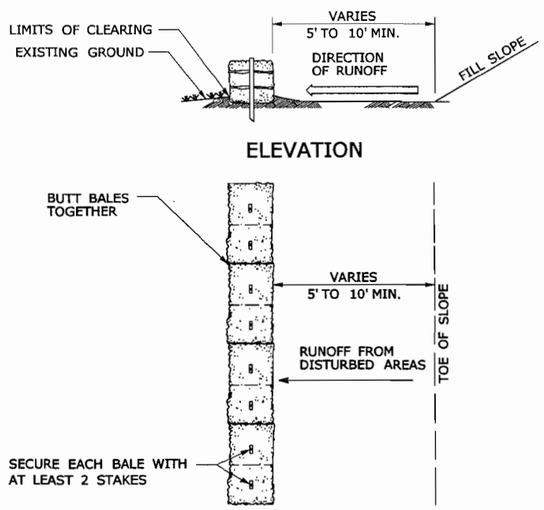
NOTE:

1. ALTERNATE PRE-ASSEMBLED SILT FENCE OPTIONS WILL BE ALLOWED AS LONG AS SPECIFIED DIMENSIONS ARE SATISFIED. FOLLOW MANUFACTURER'S INFORMATION FOR INSTALLATION PROCEDURES.

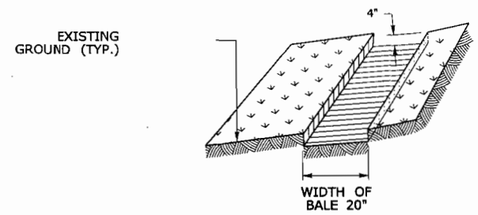


POST AND FABRIC INSTALLATION DETAIL

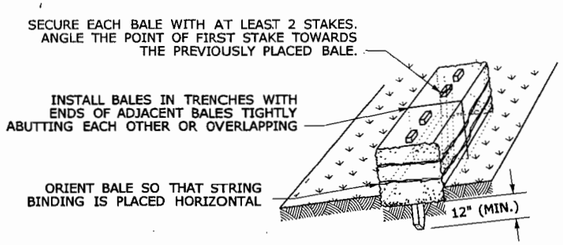
SILT FENCE
NOT TO SCALE



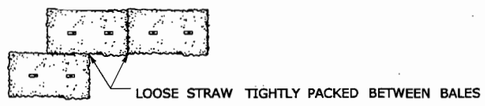
INSTALLATION OF A HAY BALE BARRIER AT TOE OF FILL



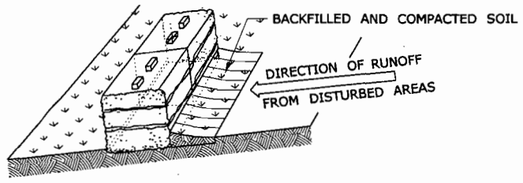
STEP 1: EXCAVATE TRENCH



STEP 2: INSTALL BALES



STEP 3: TIGHTLY PACK STRAW BETWEEN BALES (PLAN VIEW OF BALES)



STEP 4: BACKFILL SOIL AGAINST BALES

PROPERLY STAKED AND ENTRENCHED HAY BALES

HAY BALES
NOT TO SCALE

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
-	-	-	-
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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: **BAS**
CHECKED BY: **AGB**
NTS

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_MDS_88H039_CIV-01.dgn

SIGNATURE/BLOCK: **S E A CONSULTANTS**
APPROVED BY: DATE:

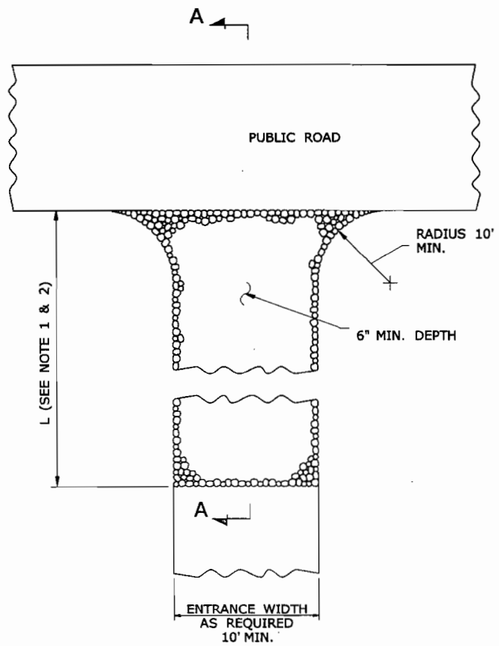
PROJECT TITLE: **NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS**

TOWN: **NEWINGTON, W. HARTFORD AND HARTFORD**
DRAWING TITLE: **CIVIL DETAILS**

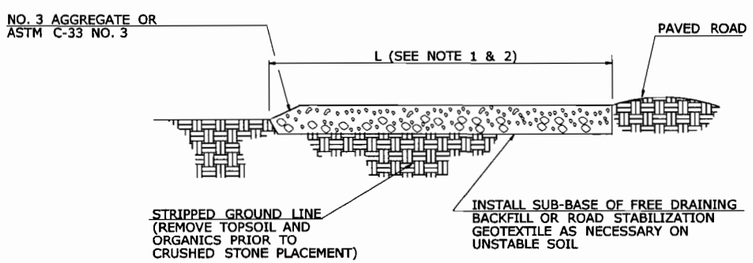
PROJECT NO. **88-H039**
DRAWING NO. **MDS-C01**
SHEET NO.

NOTES:

1. L=50' MIN. WHERE THE SOILS ARE SANDS OR GRAVELS
2. L=100' MIN. WHERE THE SOILS ARE CLAYS OR SILTS
3. PAID FOR UNDER ITEM "ANTI-TRACKING PAD" INCLUDING ALL MATERIALS, TOOLS, EQUIPMENT, LABOR INCIDENTAL TO INSTALLATION AND REMOVAL THERETO.



PLAN



SECTION A-A

ANTI-TRACKING CONSTRUCTION ENTRANCE RAMP

NOT TO SCALE

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
-	-	-	-
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-	-	-	-
-	-	-	-
-	-	-	-

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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
NTS

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_MDS_88H039_CIV-02.dgn

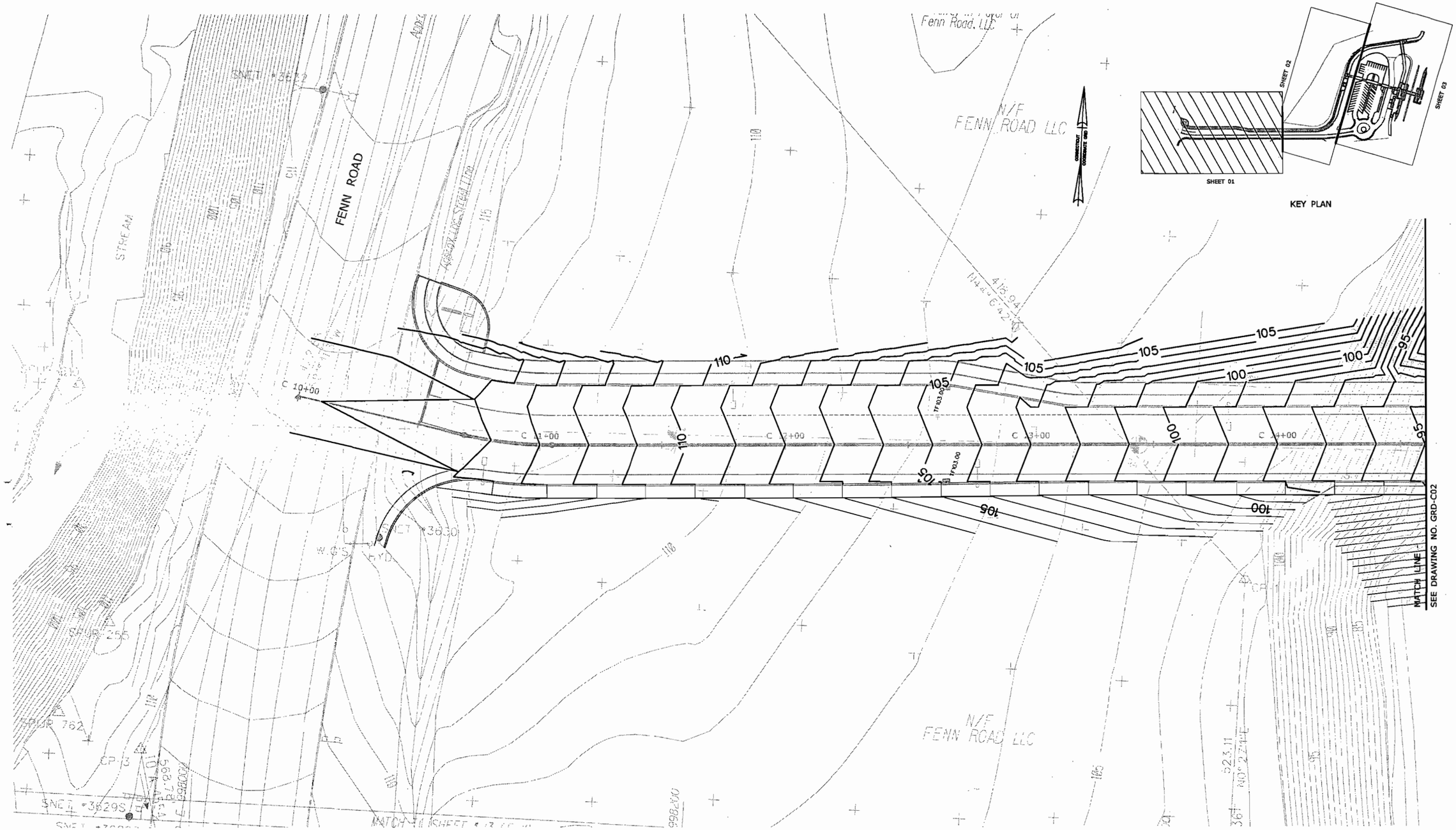
SIGNATURE/BLOCK:
S E A CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE:
NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS

TOWN: NEWINGTON, W. HARTFORD HARTFORD

DRAWING TITLE: CIVIL DETAILS

PROJECT NO. 88-H039
DRAWING NO. MDS-C02
SHEET NO.



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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-	-	-	-
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Plotted Date: 7/11/2010

DESIGNER/DRAFTER: **EAD**

CHECKED BY: **AGB**

SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_GRD_88H039_CEDAR-01.dgn

SIGNATURE/ BLOCK: **S E A CONSULTANTS**

APPROVED BY: DATE:

PROJECT TITLE: **NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS CEDAR STREET**

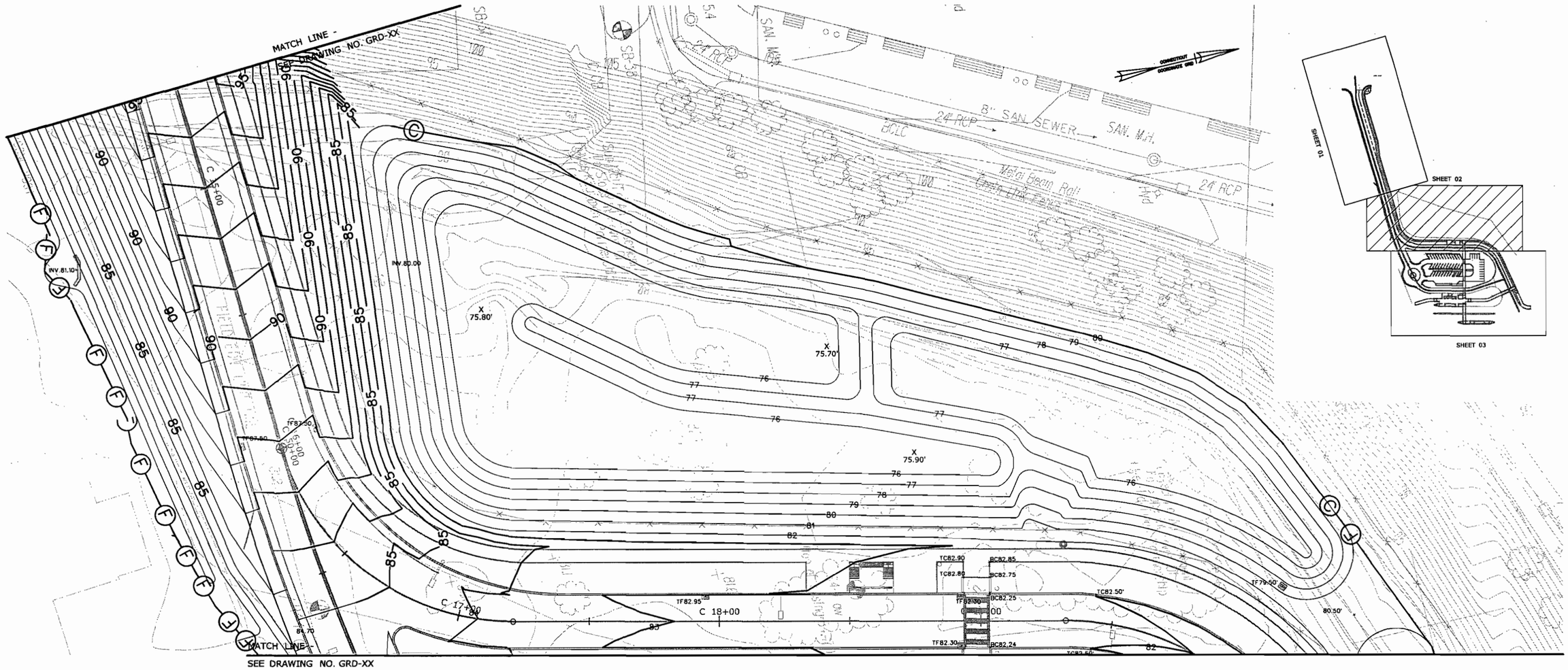
TOWN: **NEWINGTON**

DRAWING TITLE: **GRADING PLAN**

PROJECT NO. **88-H039**

DRAWING NO. **GRD-C01**

SHEET NO.



FINAL DESIGN REVIEW

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 Date: 7/11/2010

DESIGNER/DRAFTER: **EAD**

CHECKED BY: **AGB**

SCALE IN FEET 0 80 160

SCALE 1"=80'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_GRD_88H039_CEDAR-02.dgn

SIGNATURE/ BLOCK: **S E A CONSULTANTS**

APPROVED BY: DATE:

PROJECT TITLE: **NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS CEDAR STREET**

TOWN: **NEWINGTON**

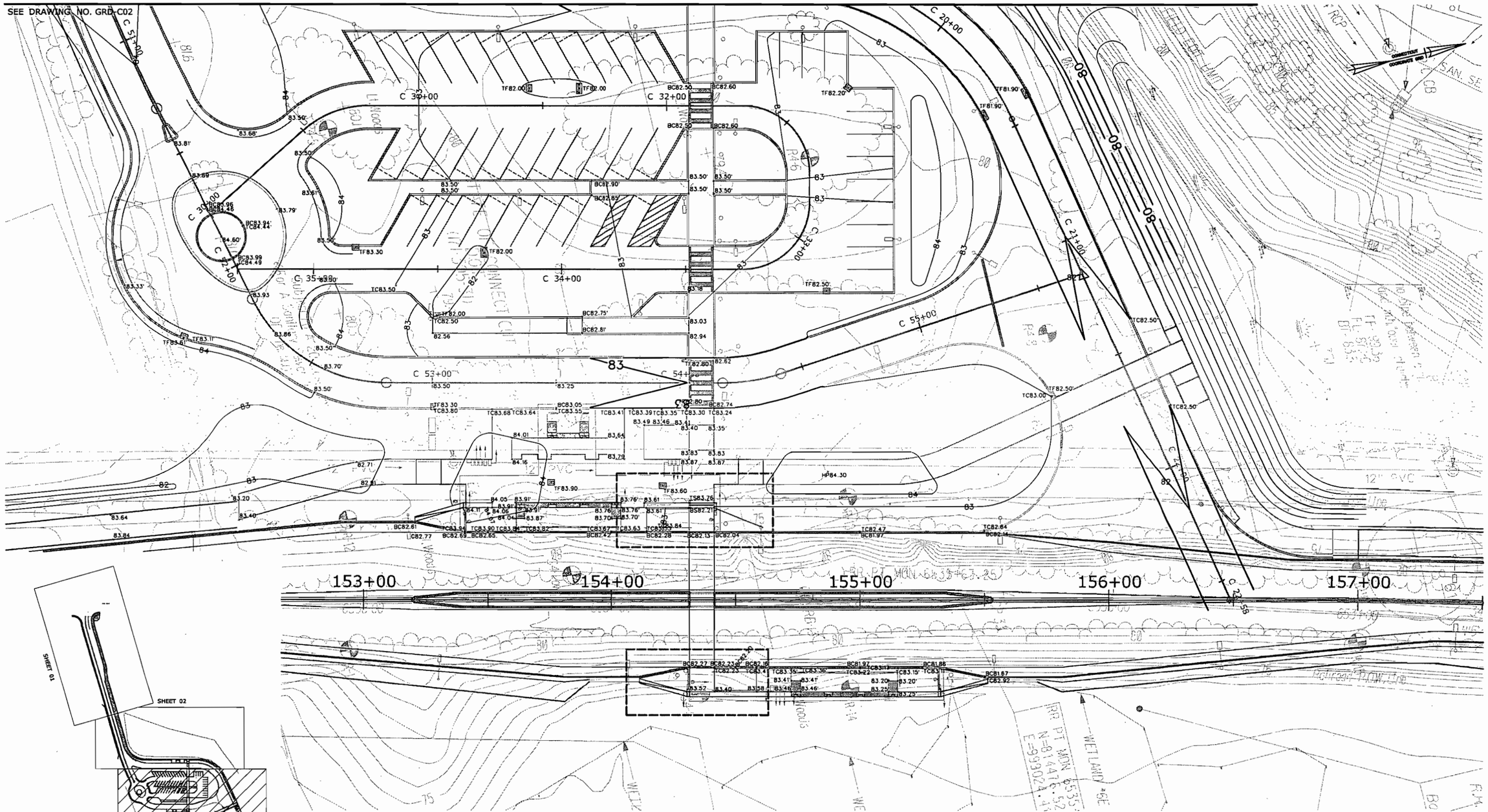
DRAWING TITLE: **GRADING PLAN**

PROJECT NO. **88-H039**

DRAWING NO. **GRD-C02**

SHEET NO.

MATCH LINE -
SEE DRAWING NO. GRD-C02



KEY PLAN

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/11/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET
0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD.MSH.GRD.88H039.CEDAR-03.dgn

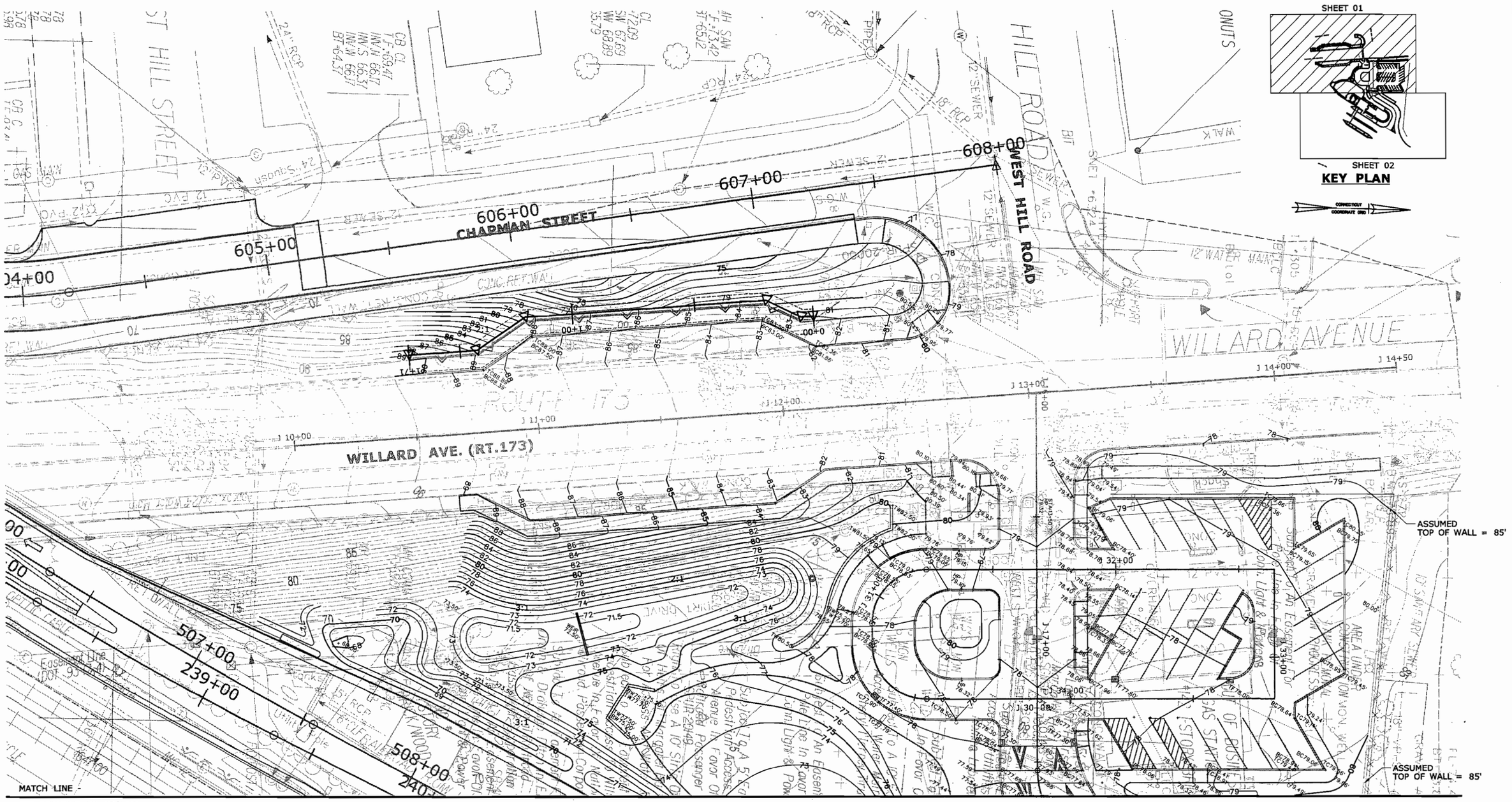
SIGNATURE/ BLOCK: S E A CONSULTANTS
APPROVED BY: -
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS CEDAR STREET

TOWN: NEWINGTON

DRAWING TITLE: GRADING PLAN

PROJECT NO. 88-H039
DRAWING NO. GRD-C03
SHEET NO.



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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1	NOV. 09	DESIGN COORDINATION REVISIONS	-

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 Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_GRD_88H039_NEWINGTON JUNCTION-01.dgn

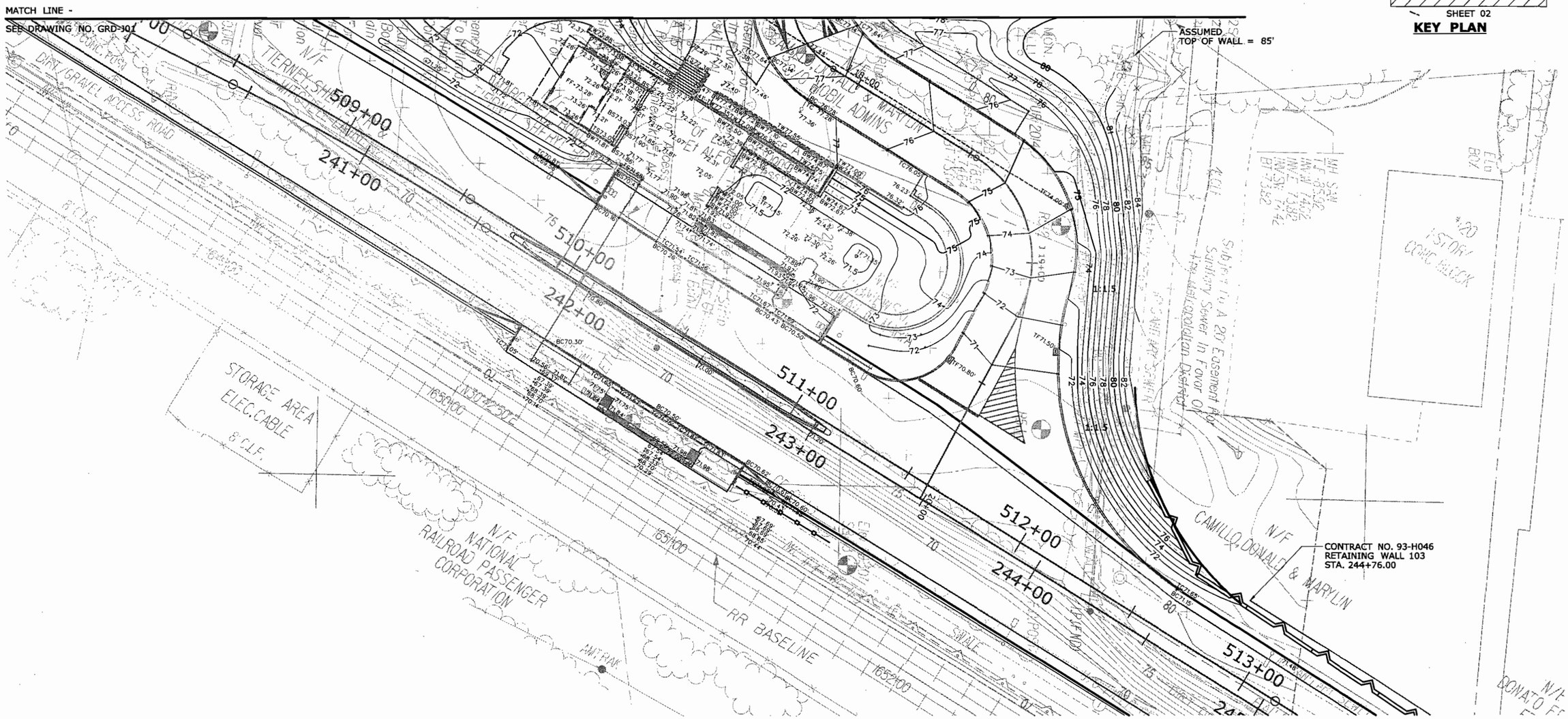
SIGNATURE/ BLOCK:
S E A CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE:
NEW BRTAIN - HARTFORD
BUS RAPID TRANSIT STATIONS
NEWINGTON JUNCTION

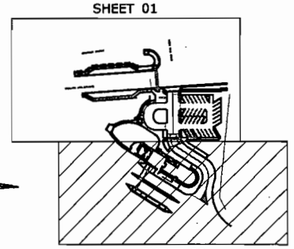
TOWN: NEWINGTON

DRAWING TITLE: GRADING PLAN

PROJECT NO. 88-H039
DRAWING NO. GRD-J01
SHEET NO.



SHEET 01



SHEET 02

KEY PLAN

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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1	NOV. 09	DESIGN COORDINATION REVISIONS	-

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Plotted Date: 7/11/2010

DESIGNER/DRAFTER: **EAD**

CHECKED BY: **AGB**

SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_GRD_88H039_NEWINGTON JUNCTION-02.dgn

SIGNATURE/ BLOCK: **S E A CONSULTANTS**

APPROVED BY: DATE:

PROJECT TITLE: **NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS NEWINGTON JUNCTION**

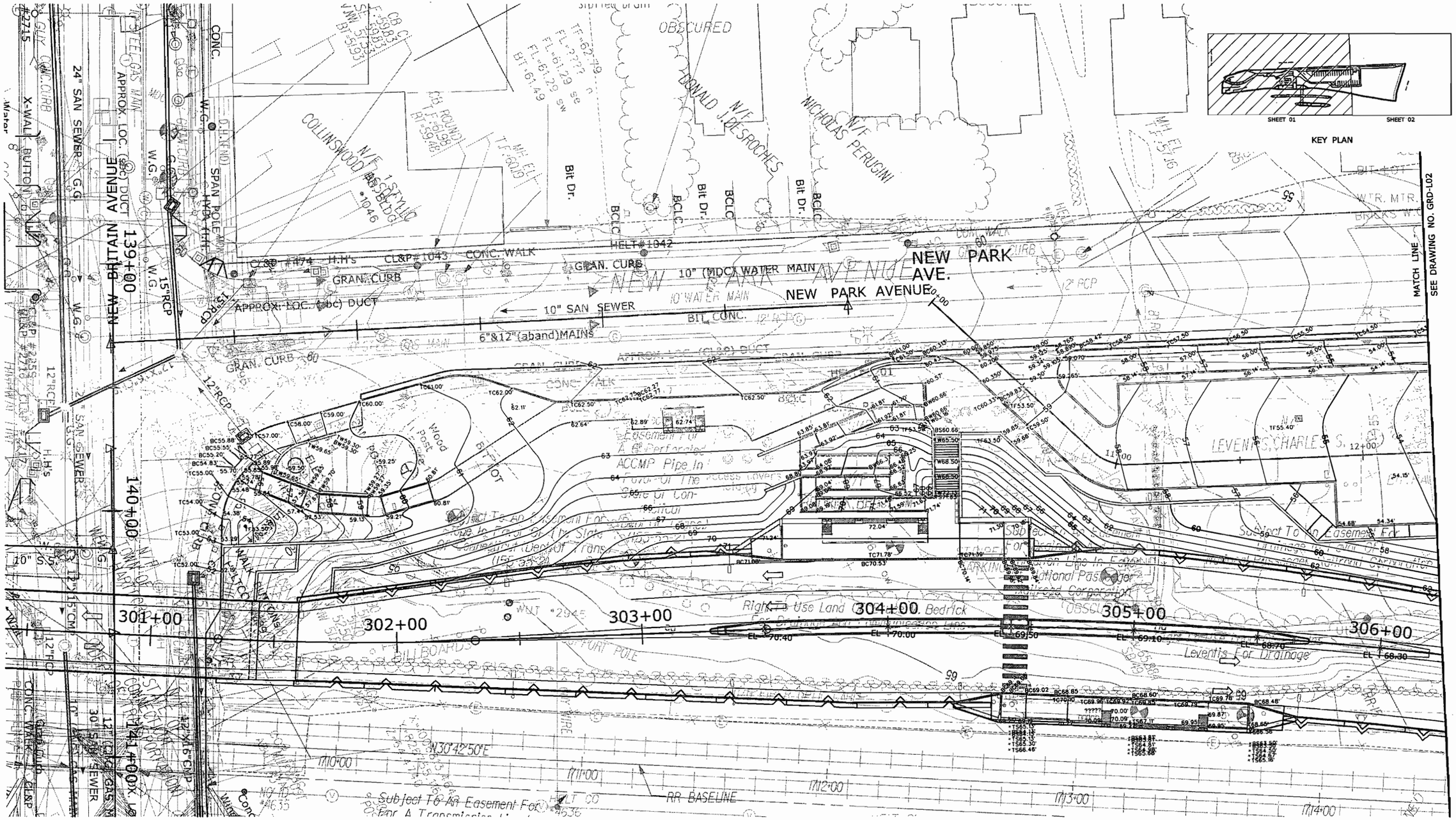
TOWN: **NEWINGTON**

DRAWING TITLE: **GRADING PLAN**

PROJECT NO. **88-H039**

DRAWING NO. **GRD-J02**

SHEET NO.



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/11/2010

DESIGNER/DRAFTER: **EAD**
CHECKED BY: **AGB**
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_GRD_88H039_ELMWOOD-01.dgn

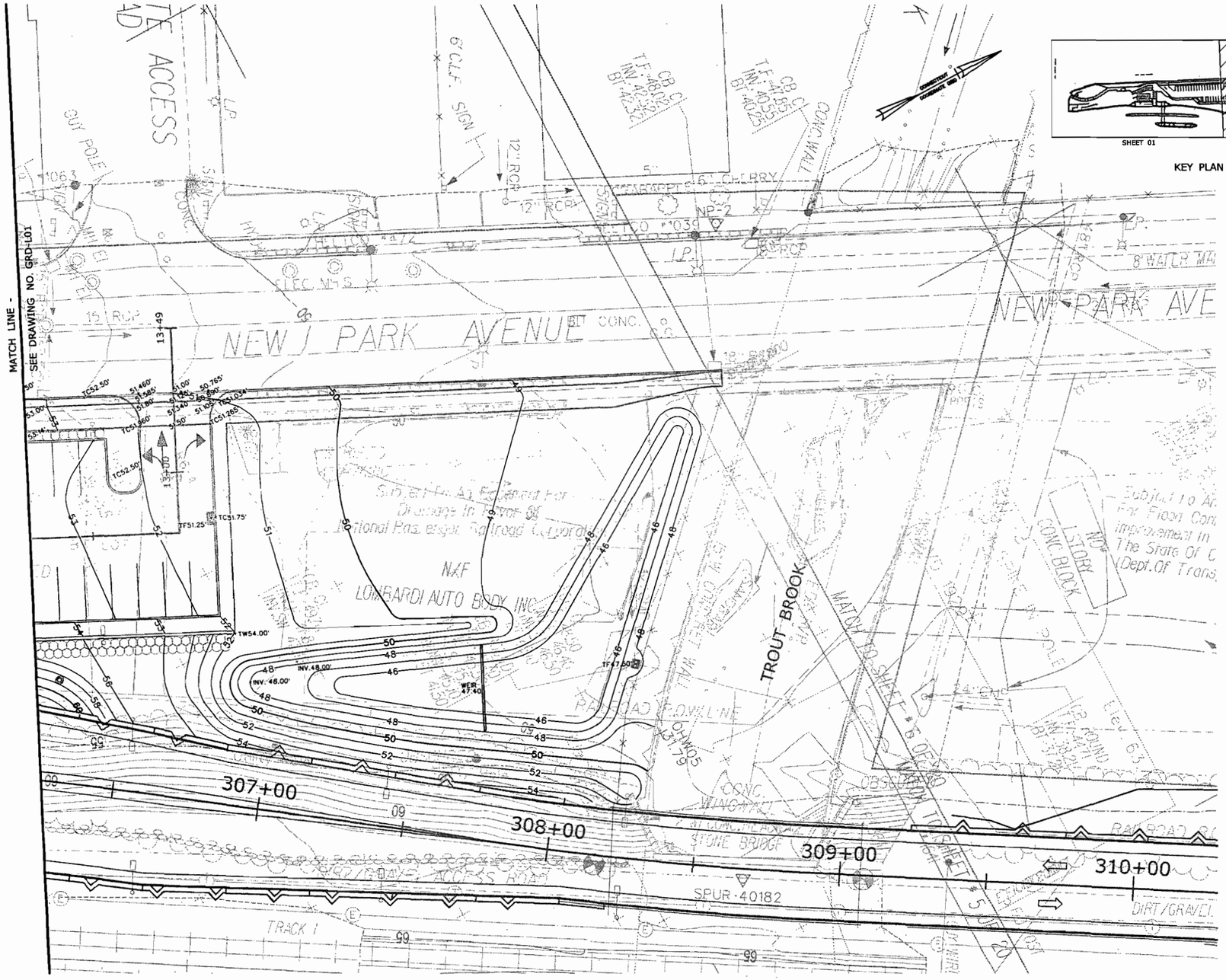
SIGNATURE/ BLOCK: **S E A CONSULTANTS**
APPROVED BY: - DATE: -

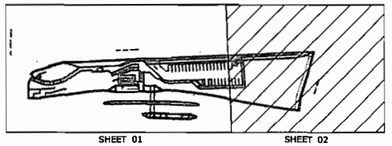
PROJECT TITLE: **NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS ELMWOOD**

TOWN: **WEST HARTFORD**

DRAWING TITLE: **GRADING PLAN**

PROJECT NO. **88-H039**
DRAWING NO. **GRD-L01**
SHEET NO.





KEY PLAN

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: **EAD**

CHECKED BY: **AGB**

SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_GRD_88H039_ELMWOOD-02.dgn

SIGNATURE/ BLOCK: **S E A CONSULTANTS**

APPROVED BY: - DATE: -

PROJECT TITLE: **NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS ELMWOOD**

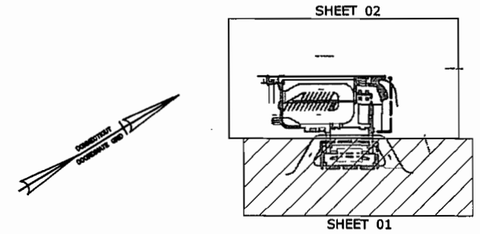
TOWN: **WEST HARTFORD**

DRAWING TITLE: **GRADING PLAN**

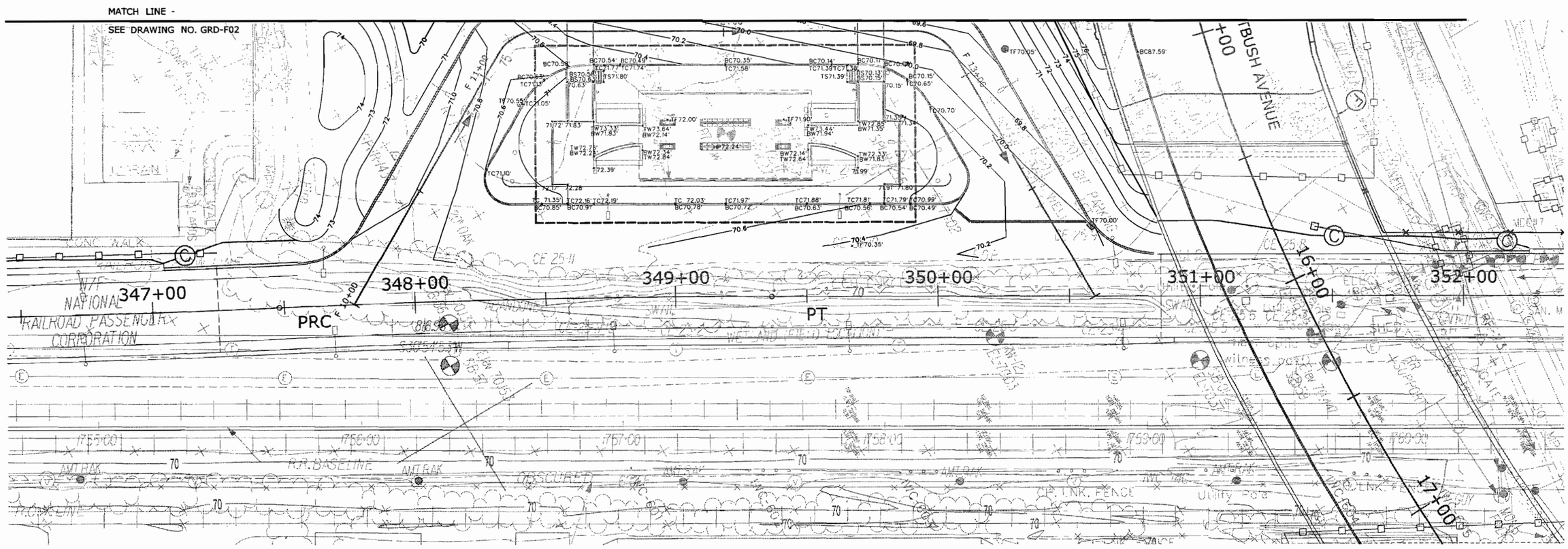
PROJECT NO. **88-H039**

DRAWING NO. **GRD-L02**

SHEET NO.



KEY PLAN



FINAL DESIGN REVIEW

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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_GRD_88H039_FLATBUSH-01.dgn

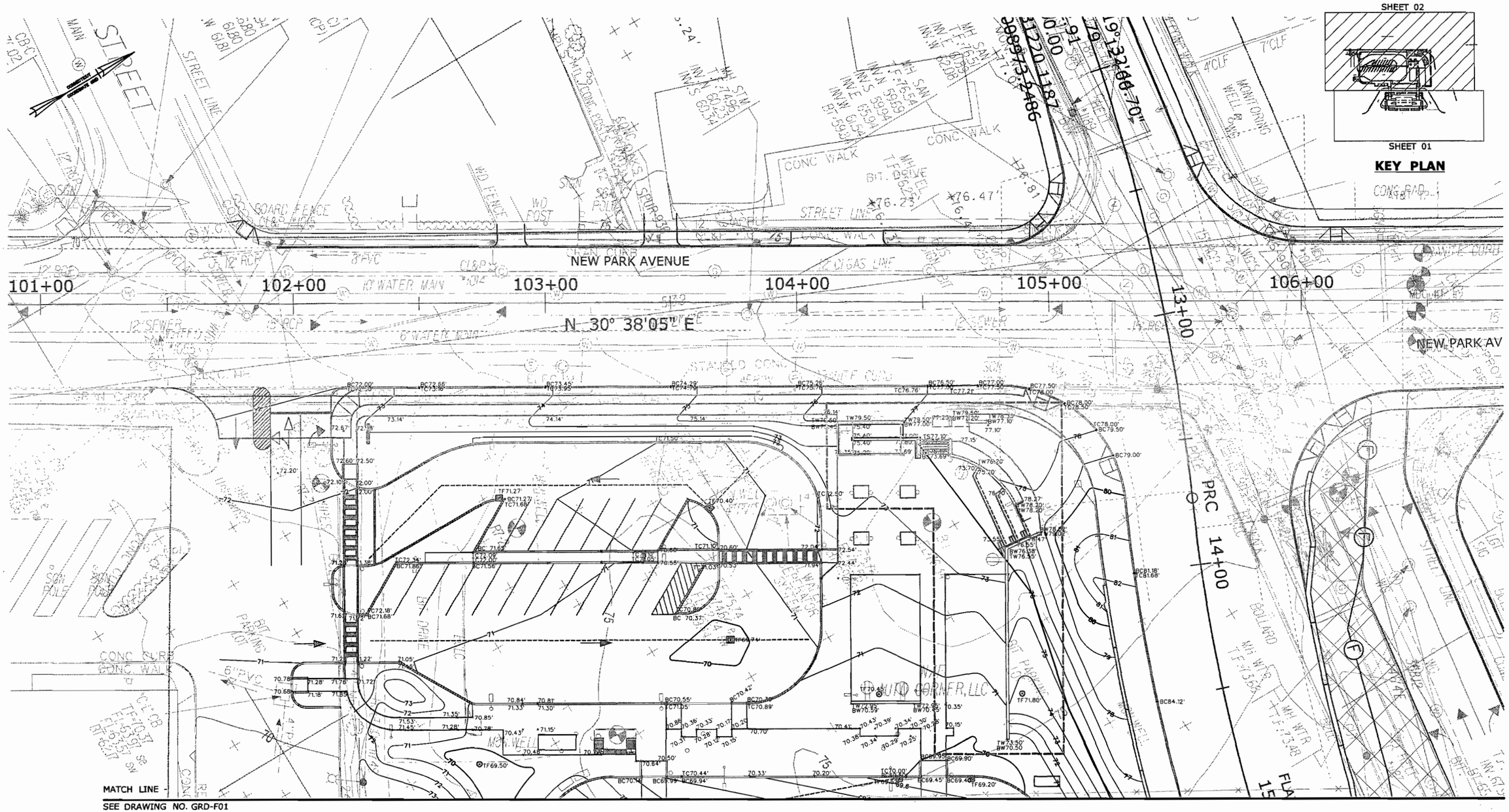
SIGNATURE/BLOCK: S E A CONULSTANTS
APPROVED BY: - DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS FLATBUSH AVENUE

TOWN: WEST HARTFORD

DRAWING TITLE: GRADING PLAN

PROJECT NO. 88-H039
DRAWING NO. GRD-F01
SHEET NO.



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/12/2010

DESIGNER/DRAFTER: EAD

CHECKED BY: AGB

SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_GRD_88H039_FLATBUSH-02.dgn

SIGNATURE/BLOCK: S E A CONSULTANTS

APPROVED BY: -

DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS FLATBUSH AVENUE

TOWN: WEST HARTFORD

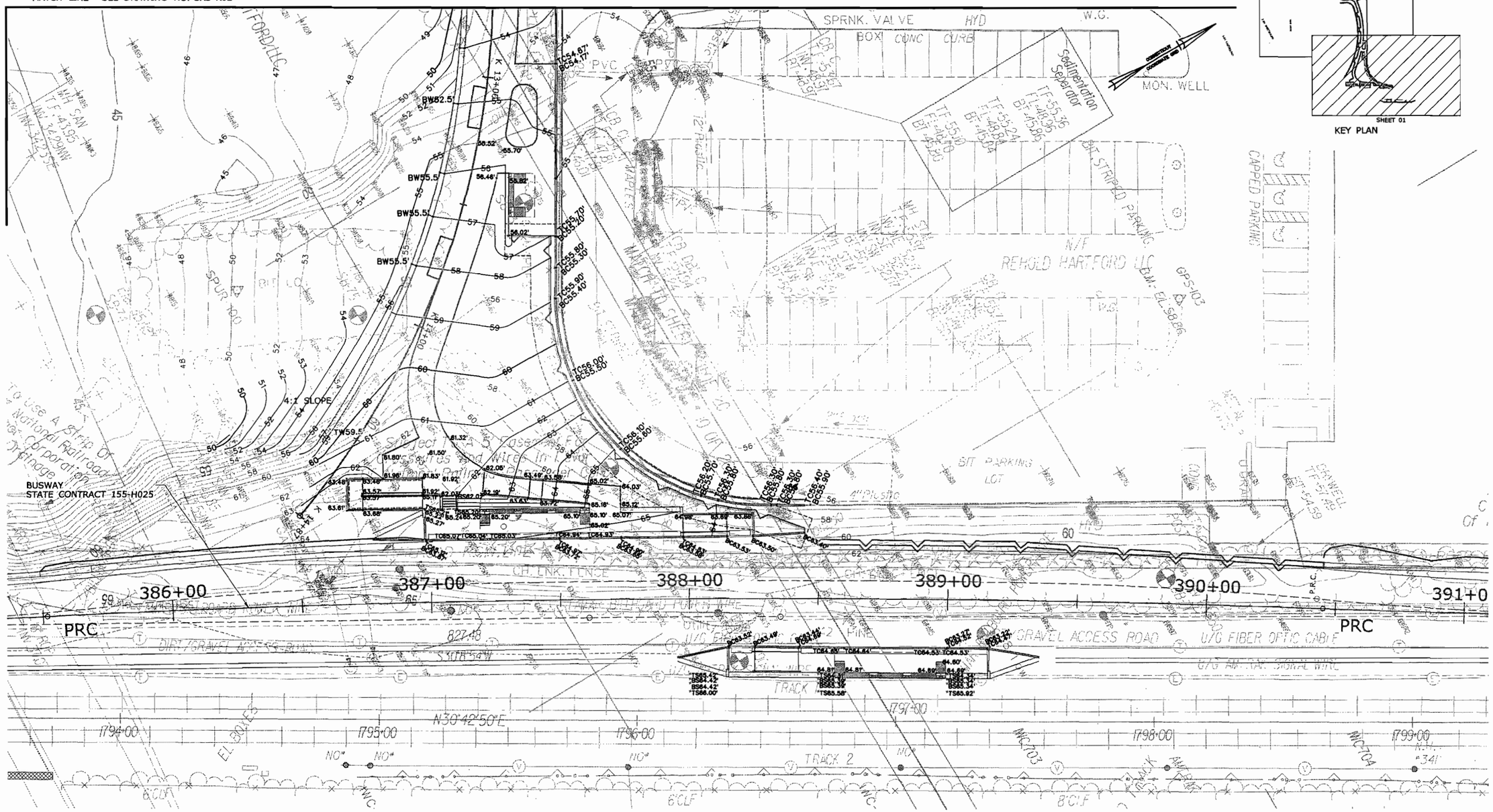
DRAWING TITLE: GRADING PLAN

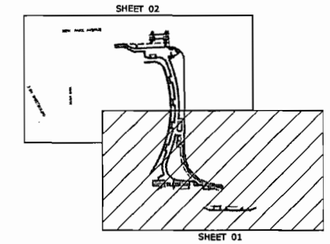
PROJECT NO. 88-H039

DRAWING NO. GRD-F02

SHEET NO.

MATCH LINE - SEE DRAWING NO. GRD-K02





KEY PLAN

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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1	NOV.	DESIGN COORDINATION REVISIONS	-

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Plotted Date: 7/11/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_GRD_88H039_KANE-01.dgn

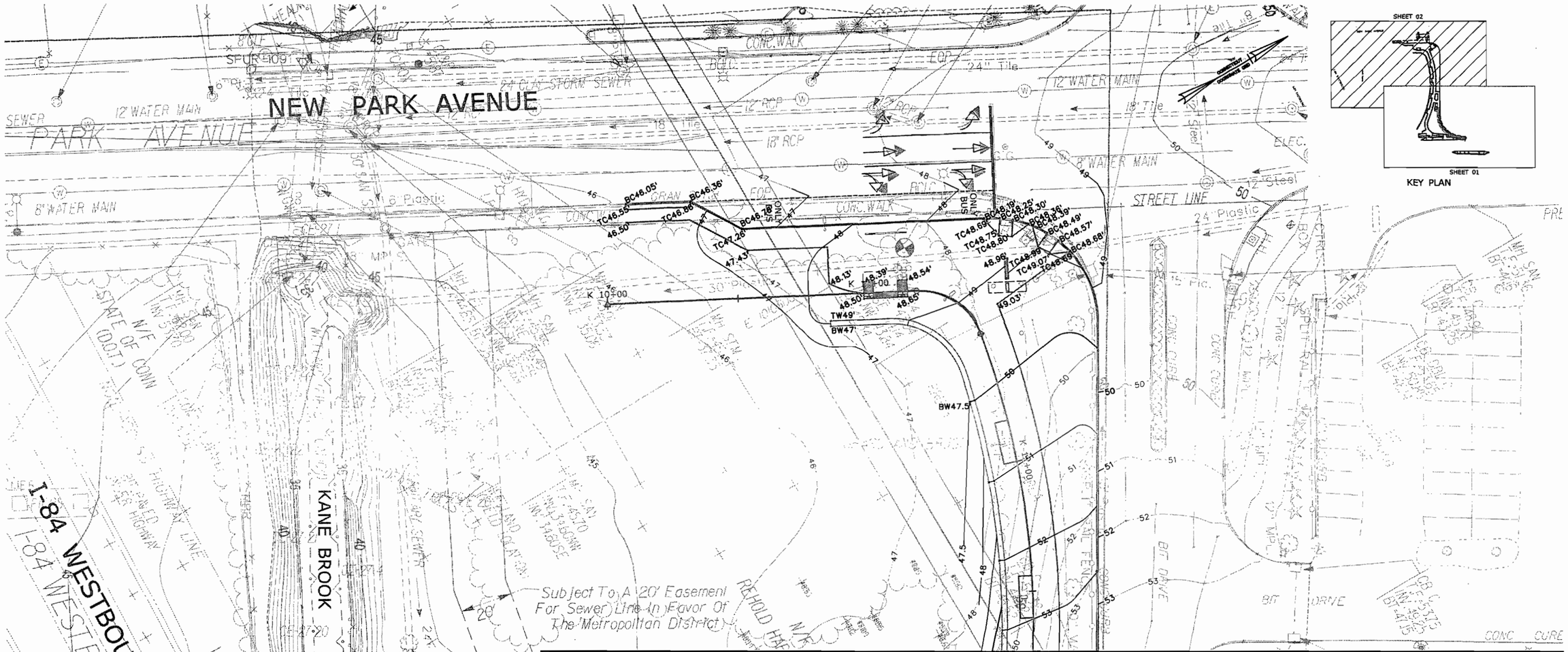
SIGNATURE/BLOCK: S E A CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS KANE STREET

TOWN: HARTFORD

DRAWING TITLE: GRADING PLAN

PROJECT NO. 88-H039
DRAWING NO. GRD-K01
SHEET NO.



KEY PLAN

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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1	NOV.	DESIGN COORDINATION REVISIONS	-

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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_GRD_88H039_KANE-02.dgn

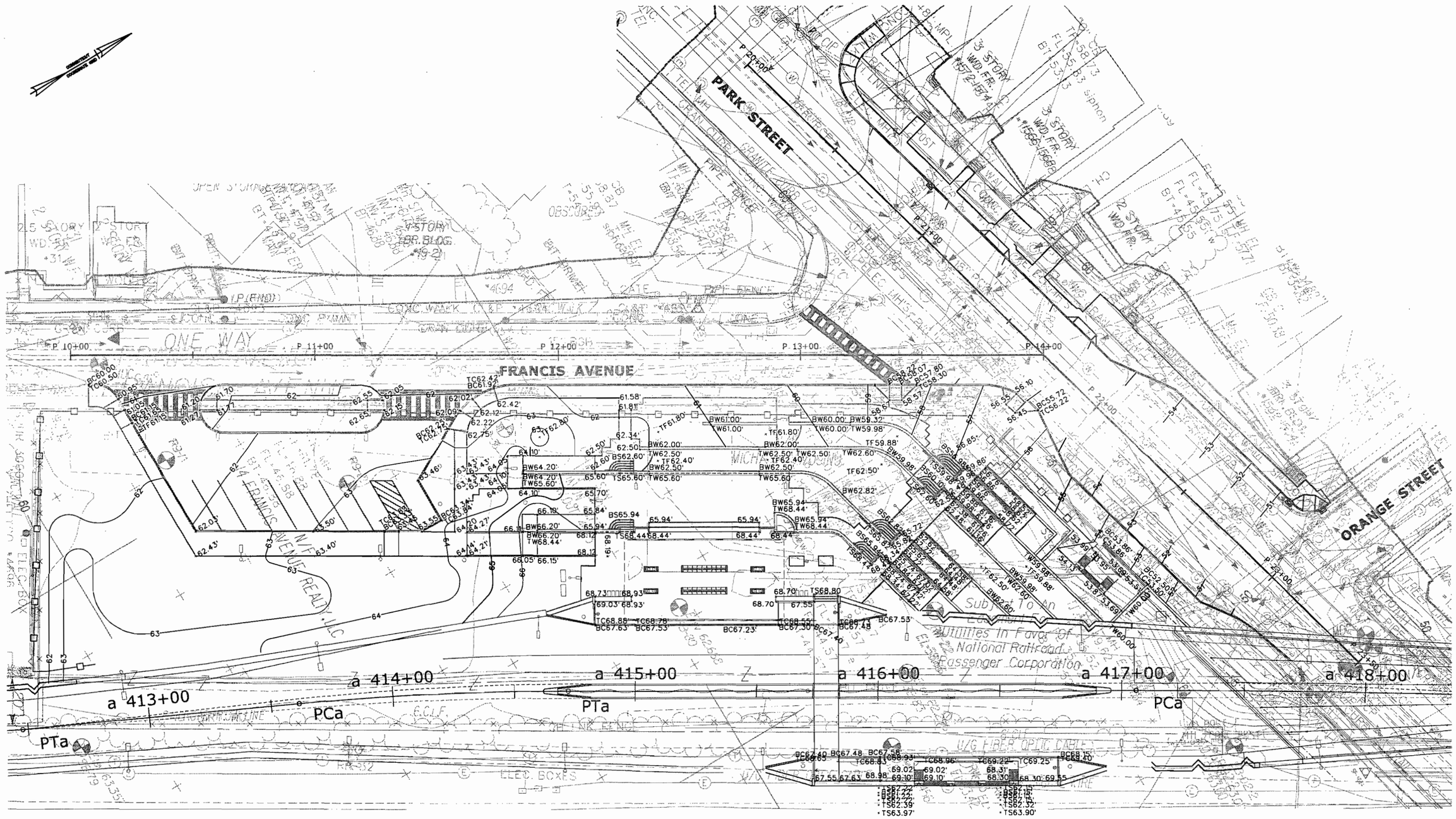
SIGNATURE/ BLOCK: S E A CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANIST SYSTEM KANE STREET

TOWN: HARTFORD

DRAWING TITLE: GRADING PLAN

PROJECT NO. 88-H039
DRAWING NO. GRD-K02
SHEET NO.



FINAL DESIGN REVIEW

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Plotted Date: 7/11/2010

DESIGNER/DRAFTER: **EAD**

CHECKED BY: **AGB**

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_GRD_88H039_PARKVILLE.dgn

SIGNATURE/ BLOCK: **S E A CONSULTANTS**

APPROVED BY: DATE:

PROJECT TITLE: **NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS PARKVILLE**

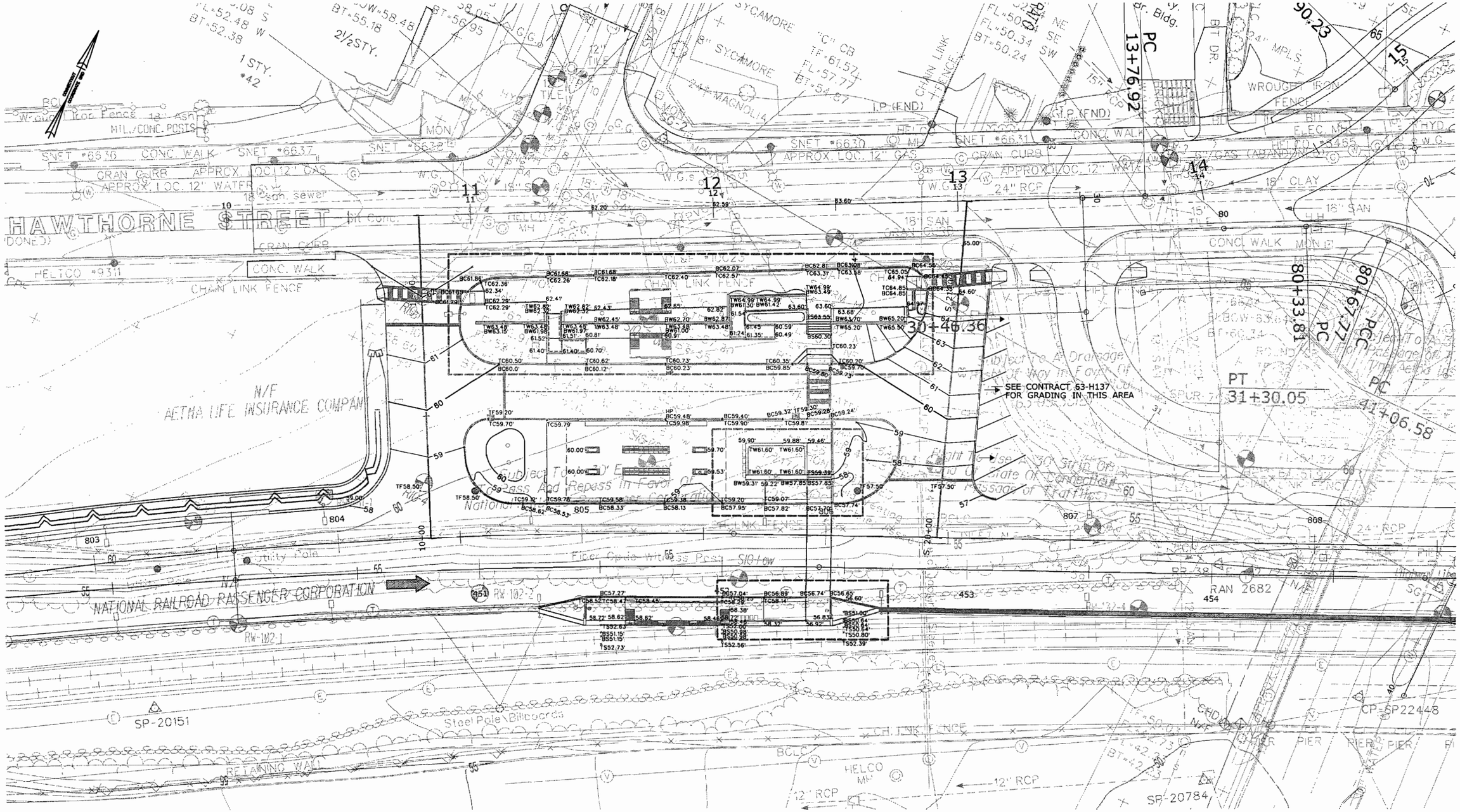
TOWN: **HARTFORD**

DRAWING TITLE: **GRADING PLAN**

PROJECT NO. **88-H039**

DRAWING NO. **GRD-P01**

SHEET NO.



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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1	NOV. 09	DESIGN COORDINATION REVISIONS	-

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 Date: 7/11/2010

DESIGNER/DRAFTER: **EAD**

CHECKED BY: **AGB**

SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_GRD_88H039_SIGOURNEY.dgn

SIGNATURE/ BLOCK: **S E A CONSULTANTS**

APPROVED BY: DATE:

PROJECT TITLE: **NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS SIGOURNEY STREET**

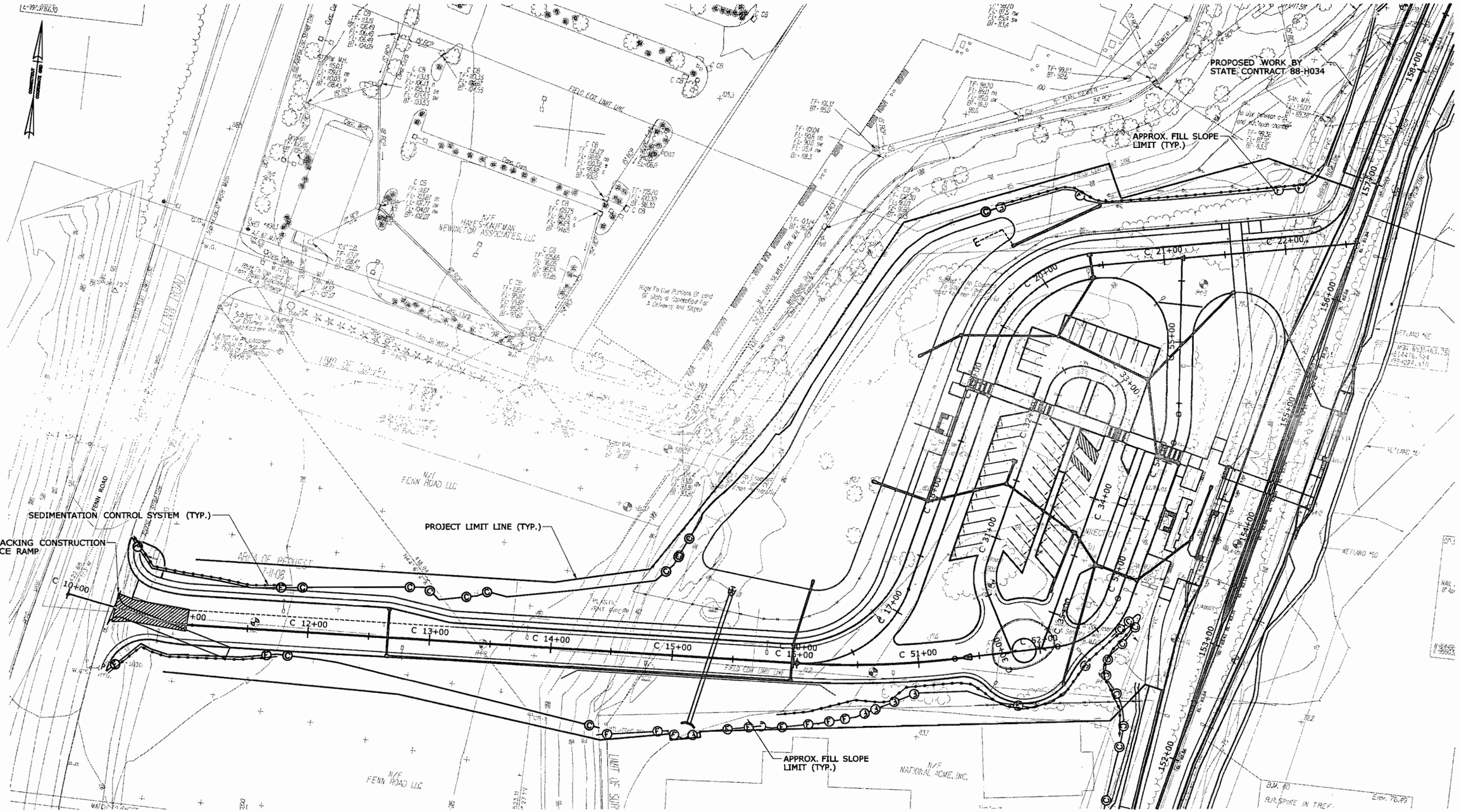
TOWN: **HARTFORD**

DRAWING TITLE: **GRADING PLAN**

PROJECT NO. **88-H039**

DRAWING NO. **GRD-S01**

SHEET NO.



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/12/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_SED_88H039_CEDAR.dgn

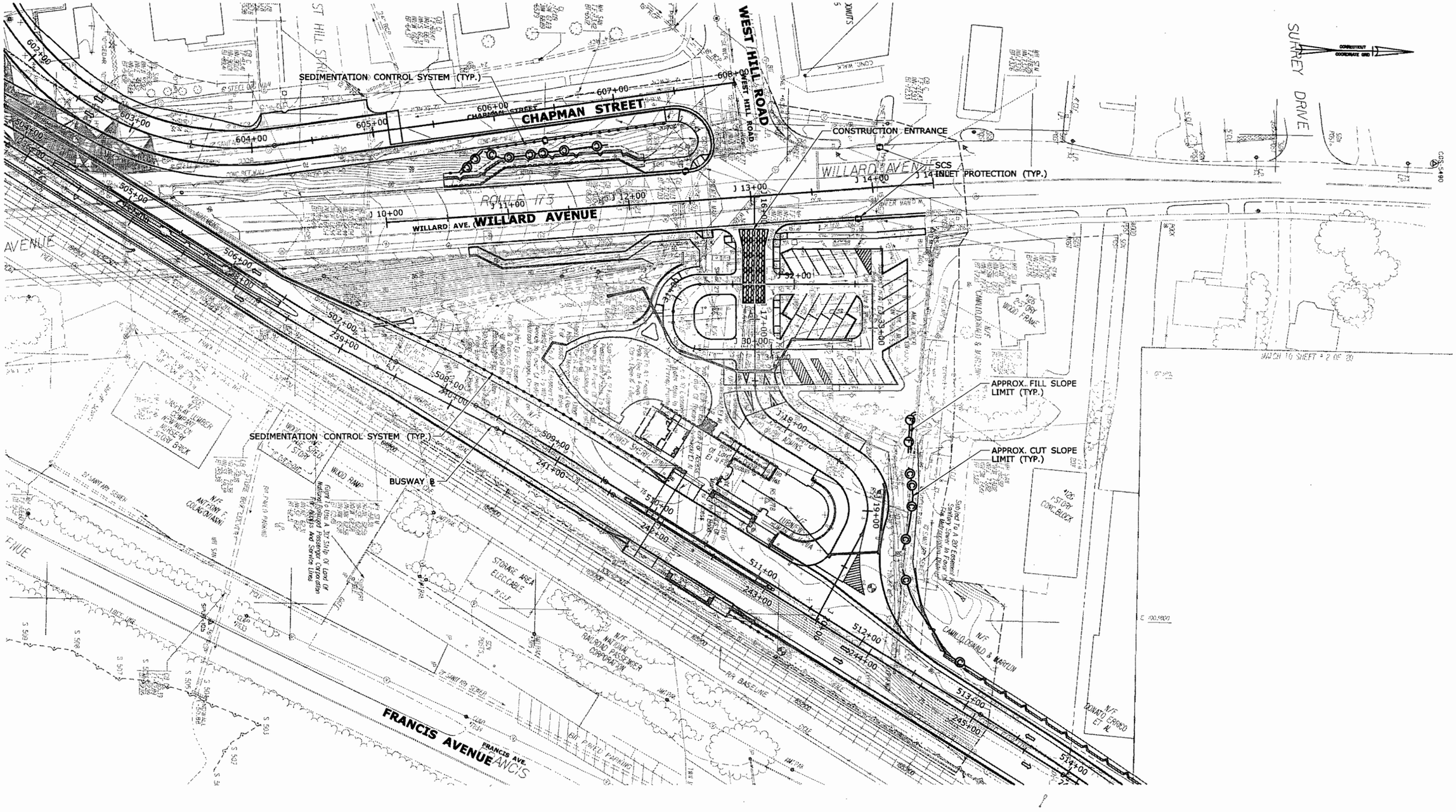
SIGNATURE/BLOCK: S E A CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS CEDAR STATION

TOWN: NEWINGTON

DRAWING TITLE: SEDIMENTATION AND EROSION CONTROL

PROJECT NO. 88-H039
DRAWING NO. SED-C01
SHEET NO.



FINAL DESIGN REVIEW

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 Date: 7/8/2010

DESIGNER/DRAFTER: EAS
CHECKED BY: AGB
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_SED_88H039_NEWINGTON JUNCTION.dgn

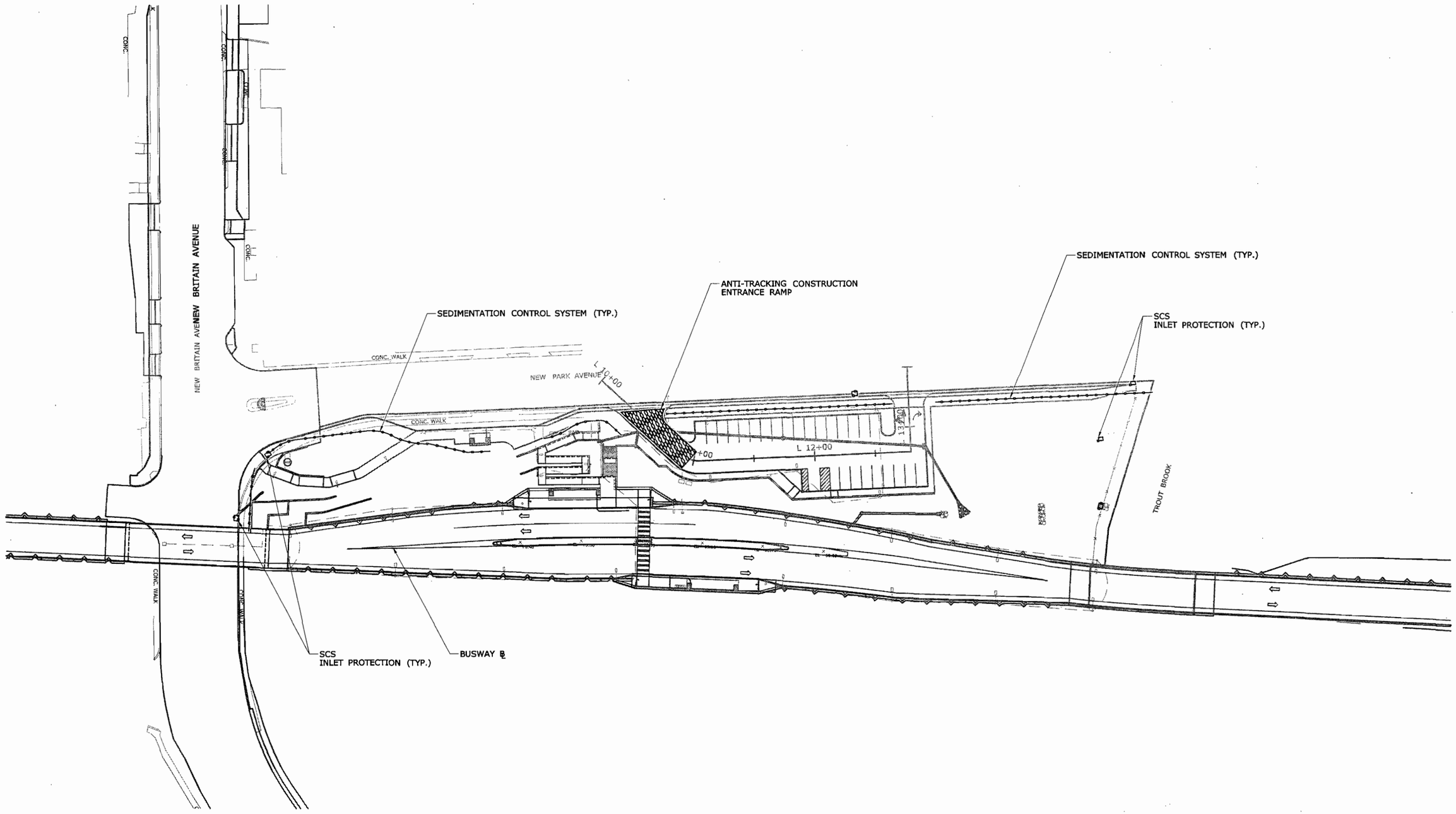
SIGNATURE/BLOCK: S E A CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE: NEW BRTAIN - HARTFORD BUS RAPID TRANSIT STATIONS NEWINGTON JUNCTION

TOWN: NEWINGTON

DRAWING TITLE: SEDIMENTATION AND EROSION CONTROL

PROJECT NO. 88-H039
DRAWING NO. SED-J01
SHEET NO.



FINAL DESIGN REVIEW

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 Date: 7/8/2010

DESIGNER/DRAFTER: **EAD**

CHECKED BY: **AGB**

SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_SED_88H039_ELMWOOD.dgn

SIGNATURE/ BLOCK: **S E A CONSULTANTS**

APPROVED BY: - DATE: -

PROJECT TITLE: **NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS ELMWOOD**

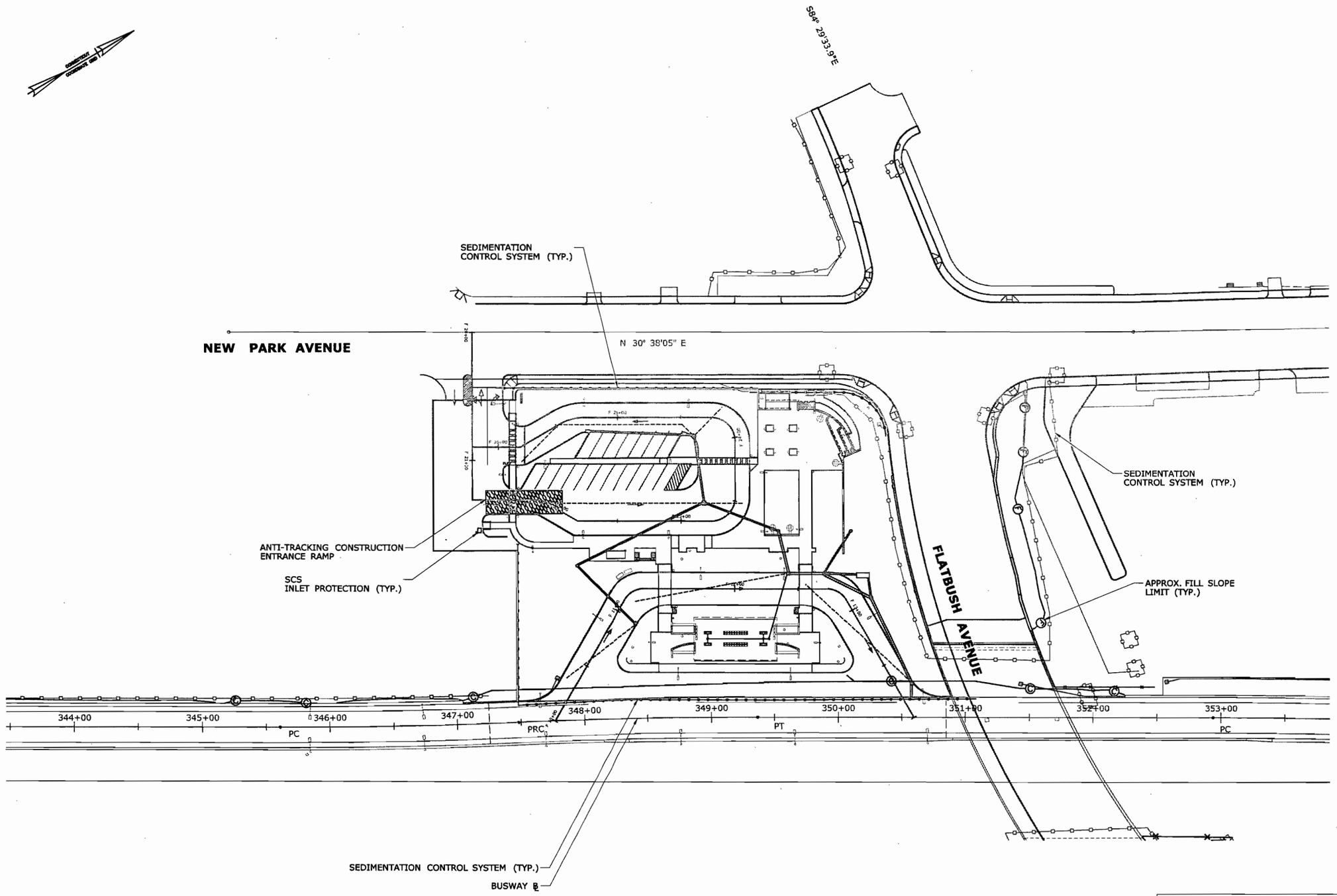
TOWN: **WEST HARTFORD**

DRAWING TITLE: **SEDIMENTATION AND EROSION CONTROL**

PROJECT NO. **88-H039**

DRAWING NO. **SED-L01**

SHEET NO.



FINAL DESIGN REVIEW

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 Date: 7/8/2010

DESIGNER/DRAFTER: EAD

CHECKED BY: AGB

SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_SED_88H039_FLATBUSH.dgn

SIGNATURE/BLOCK: S E A CONSULTANTS

APPROVED BY: -

DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS FLATBUSH AVENUE

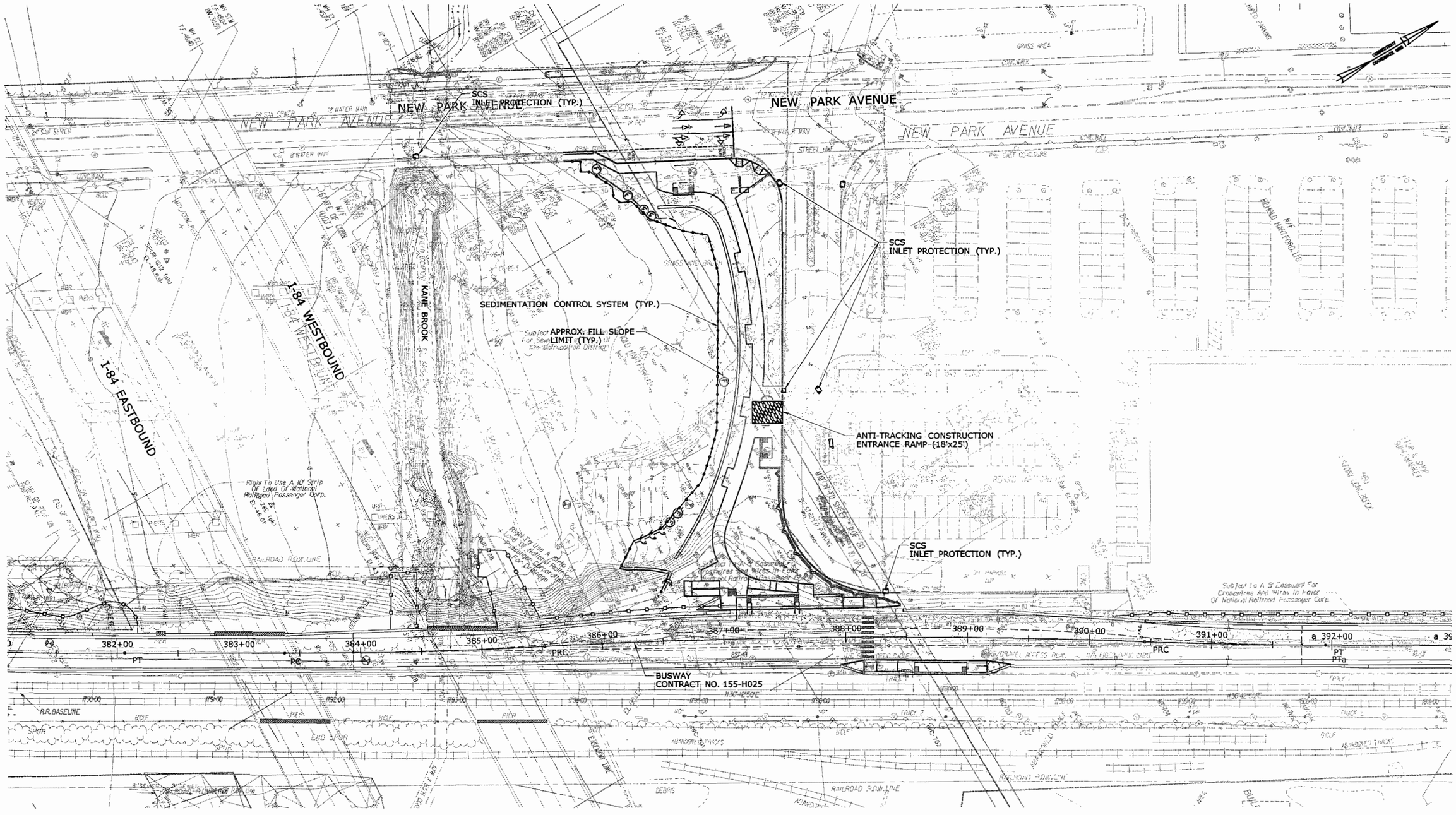
TOWN: WEST HARTFORD

DRAWING TITLE: SEDIMENTATION AND EROSION CONTROL

PROJECT NO. 88-H039

DRAWING NO. SED-F01

SHEET NO.



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD

CHECKED BY: AGB

SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_SED_88H039_KANE.dgn

SIGNATURE/ BLOCK: **S E A CONSULTANTS**

APPROVED BY: DATE:

PROJECT TITLE: **NEW BRITAIN - HARTFORD BUS RAPID TRANSIT SYSTEM KANE STREET**

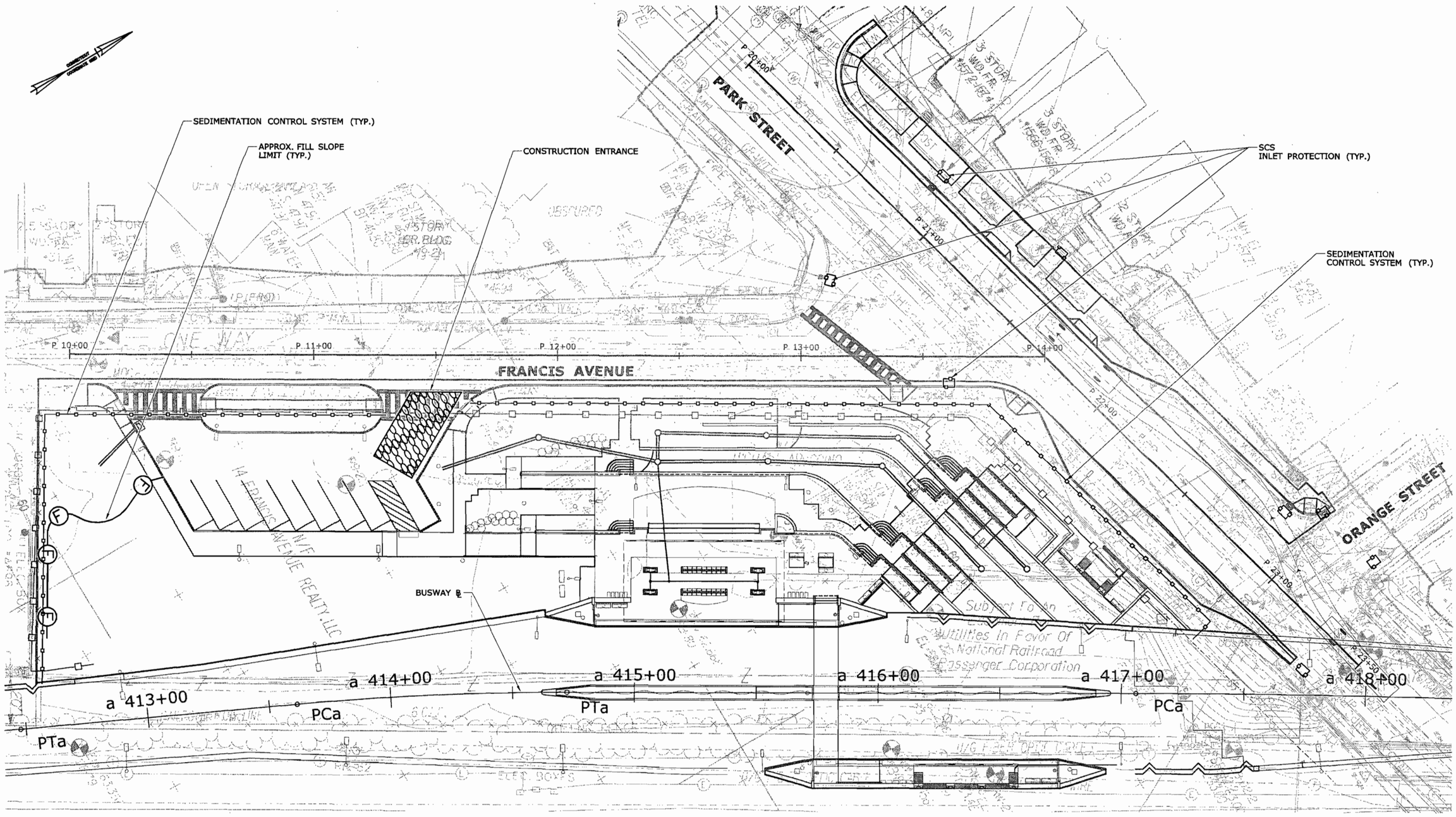
TOWN: **HARTFORD**

DRAWING TITLE: **SEDIMENTATION AND EROSION CONTROL**

PROJECT NO. **88-H039**

DRAWING NO. **SED-K01**

SHEET NO.



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_SED_88H039_PARKVILLE.dgn

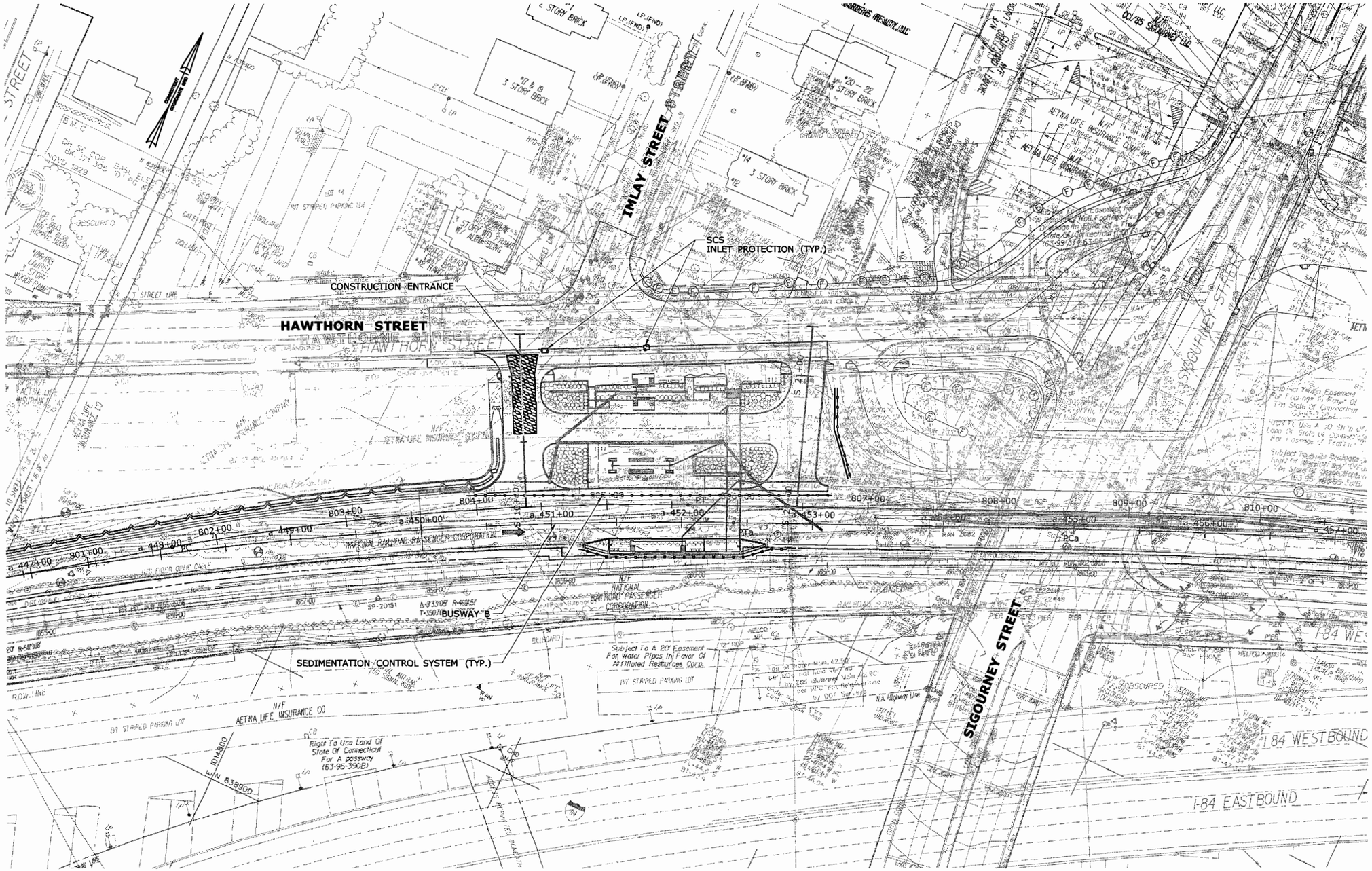
SIGNATURE/ BLOCK: S E A CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS PARKVILLE

TOWN: HARTFORD

DRAWING TITLE: SEDIMENTATION CONTROL

PROJECT NO. 88-H039
DRAWING NO. SED-P01
SHEET NO.



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD

CHECKED BY: AGB

SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_SED_88H039_SIGOURNEY.dgn

SIGNATURE/ BLOCK: OFFICE OF ENGINEERING

APPROVED BY: DATE:

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT SYSTEM SIGOURNEY STREET

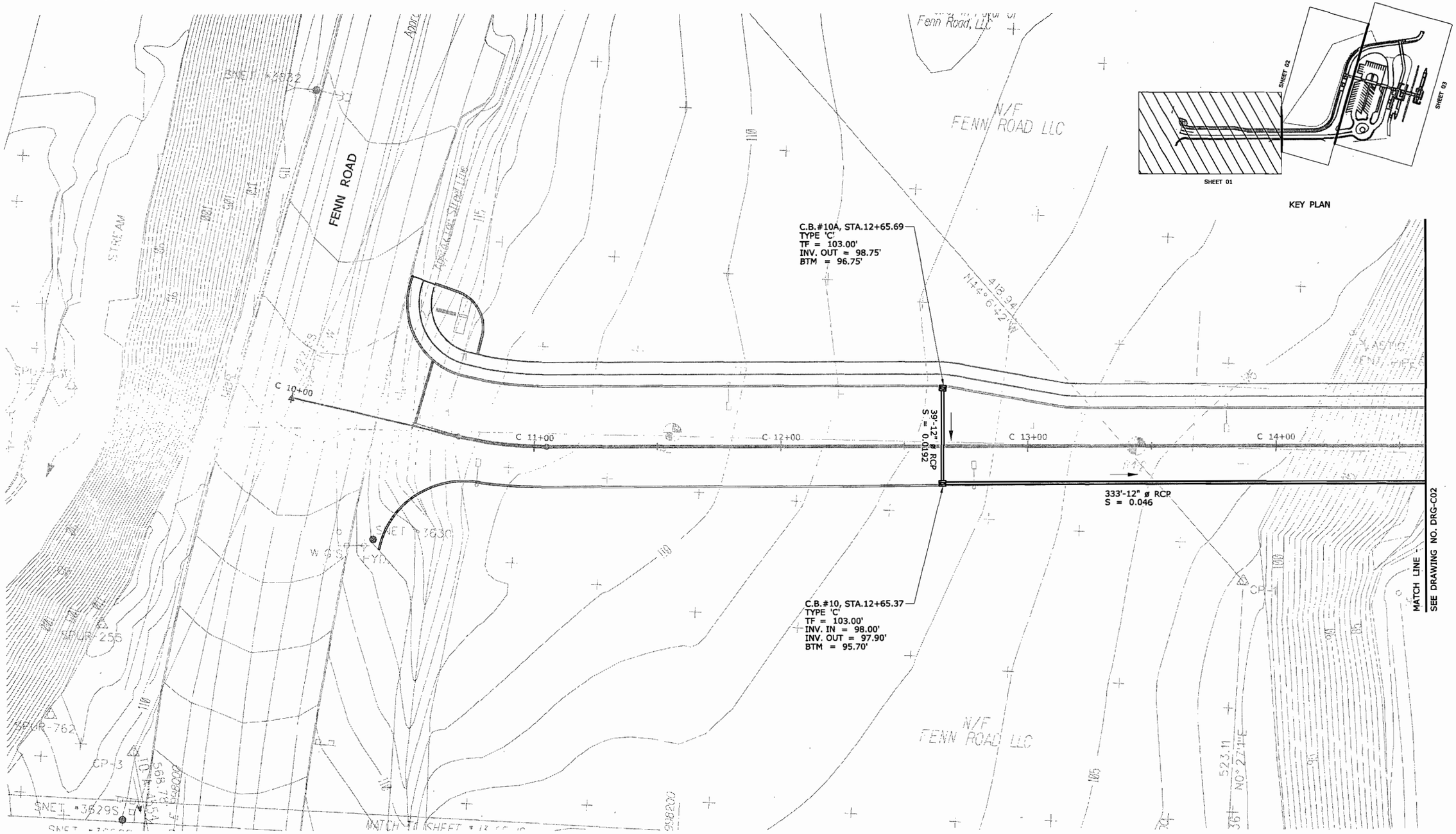
TOWN: HARTFORD

DRAWING TITLE: SIGOURNEY STATION SEDIMENTATION CONTROL

PROJECT NO. 88-H039

DRAWING NO. SED-S01

SHEET NO.



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD

CHECKED BY: AGB

SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_DRG_88H039_CEDAR-01.dgn

SIGNATURE/BLOCK: S E A CONSULTANTS

APPROVED BY: DATE:

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS CEDAR STREET

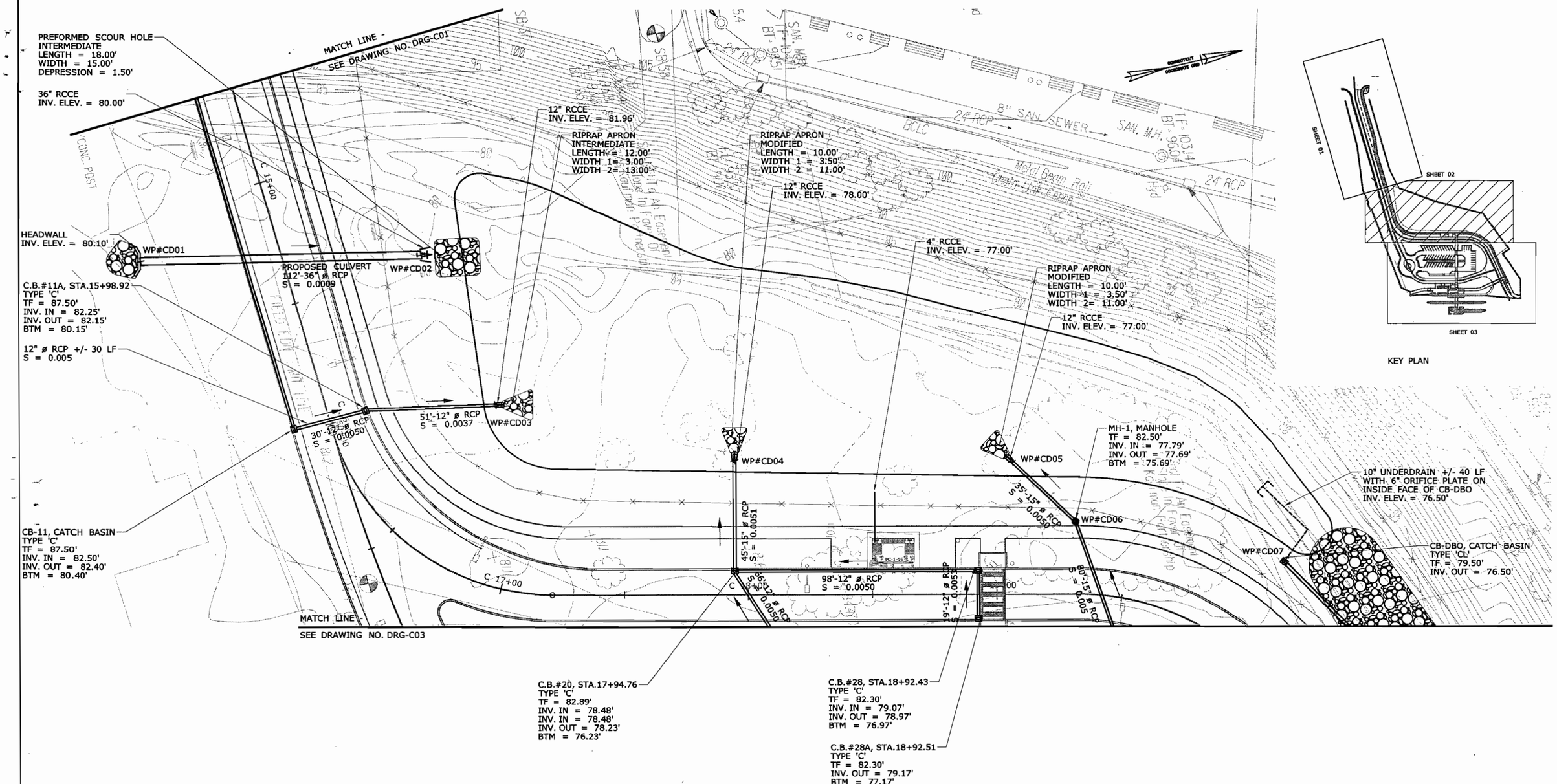
TOWN: NEWINGTON

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 88-H039

DRAWING NO. DRG-C01

SHEET NO.



Point	Northing	Easting
WP#PD01	836452.9	1012361.06
WP#PD02	836593.22	1012448.39
WP#PD03	836636.53	1012471.66
WP#PD04	836630.27	1012481.81
WP#PD05	836674.18	1012495.15
WP#PD06	836669.31	1012504.61
WP#PD07	836720.14	1012523.58

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_DRG_88H039_CEDAR-02.dgn

SIGNATURE/BLOCK: S E A CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS CEDAR STREET

TOWN: NEWINGTON

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 88-H039
DRAWING NO. DRG-C02
SHEET NO.

MATCH LINE -
SEE DRAWING NO. DRG-C02

CB-22, STA.31+64.65
OFF. 6.86'L
TYPE 'C-L DBL'
TF = 82.00'
INV. OUT = 79.01'
BTM = 77.01'

15" RCCE
INV. ELEV. = 76.00'

PREFORMED SCOUR HOLE
MODIFILED
LENGTH = 7.50'
WIDTH = 6.25'
DEPRESSION = 0.63'

CB-21, STA. 31+44.51
OFF. 6.93'L
TYPE 'C-L'
TF = 82.00'
INV. IN = 78.91'
INV. IN = 78.91'
INV. OUT = 78.81'
BTM = 76.81'

CB-23, STA. 34+31.52
OFF. 6.91'R
TYPE 'C-L DBL'
TF = 82.00'
INV. IN = 79.35'
INV. IN = 79.35'
INV. OUT = 79.25'
BTM = 77.25'

CB-23A, STA.34+83.08
TYPE 'C'
TF = 83.00'
INV. OUT = 79.61'
BTM = 77.61'

CB-30, STA.20+40.37
TYPE 'C DBL'
TF = 81.90'
INV. OUT = 78.92'
BTM = 76.92'

CB-31, STA.20+40.44
TYPE 'C DBL'
TF = 81.90'
INV. IN = 78.82'
INV. OUT = 78.72'
BTM = 76.72'

CB-33, CATCH BASIN
TYPE 'C'
TF = 82.20
INV. IN=78.44'
INV. IN=78.44'
INV. OUT = 78.19'
BTM = 76.19'

CB-32, CATCH BASIN
TYPE 'C'
TF = 82.20'
INV. IN = 78.94'
INV. IN = 78.94'
INV. OUT = 78.84'
BTM = 76.84'

CB-40, STA. 21+54.30
OFF. 31.72'R
TYPE 'C'
TF = 81.95'
INV. OUT = 79.44'
BTM = 77.44'

CB-45, CATCH BASIN
TYPE 'C'
TF = 83.11'
INV. OUT = 80.11'
BTM = 78.11'

CB-24, CATCH BASIN
TYPE 'C'
TF = 82.50'
INV. IN = 79.61'
INV. OUT = 79.51'
BTM = 77.51'

CB-25, STA.53+00.72
TYPE 'C'
TF = 83.30'
INV. IN = 79.90'
INV. OUT = 79.80'
BTM = 77.80'

CB-41, STA.54+02.19
TYPE 'C'
TF = 82.70'
INV. IN = 79.36'
INV. OUT = 79.26'
BTM = 77.26

CB-41A, STA.54+02.19
TYPE 'C'
TF = 82.70'
INV. OUT = 79.46'
BTM = 77.46'

4" PLASTIC PIPE

CB-26, AREA DRAIN
TF = 83.90'
INV. IN = 80.28'
INV. OUT = 80.18'
BTM = 78.18'

CB-27, AREA DRAIN
T.F. = 83.60'
INV. OUT = 80.59'
BTM = 78.59'

PROPOSED DRAINAGE DESIGN
CONTRACT NO. 88-H034

4" PLASTIC PIPE

Point	Northing	Easting
WP#CD08	814197.12	998855.61
WP#CD09	814328.05	998944.93
WP#CD10	814371.66	998956.24
WP#CD11	814371.66	998956.24
WP#CD12	814453.41	998895.31

SHEET 01
SHEET 02
SHEET 03

KEY PLAN

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET
0 SCALE 20 NOTED 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD.MSH.DRG.88H039.CEDAR-03.dgn

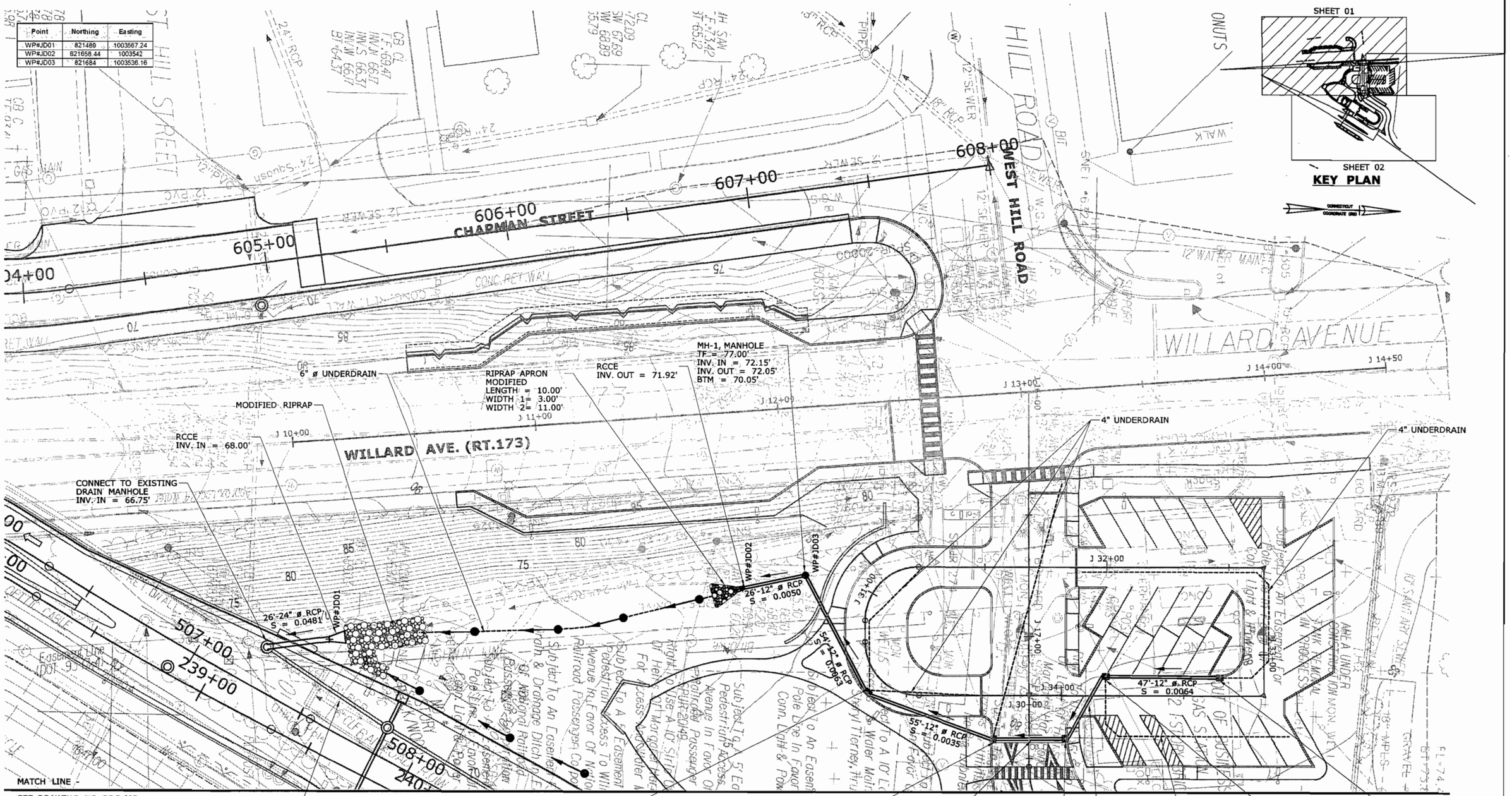
SIGNATURE/BLOCK: S E A CONSULTANTS
APPROVED BY: -
DATE: -

PROJECT TITLE:
NEW BRITAIN - HARTFORD
BUS RAPID TRANSIT STATIONS
CEDAR STREET

TOWN: NEWINGTON
DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 88-H039
DRAWING NO. DRG-C03
SHEET NO.

Point	Northing	Easting
WP#JD01	821489	1003567.24
WP#JD02	821658.44	1003542
WP#JD03	821684	1003536.16



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_DRG_88H039_NEWINGTON JUNCTION-01.dgn

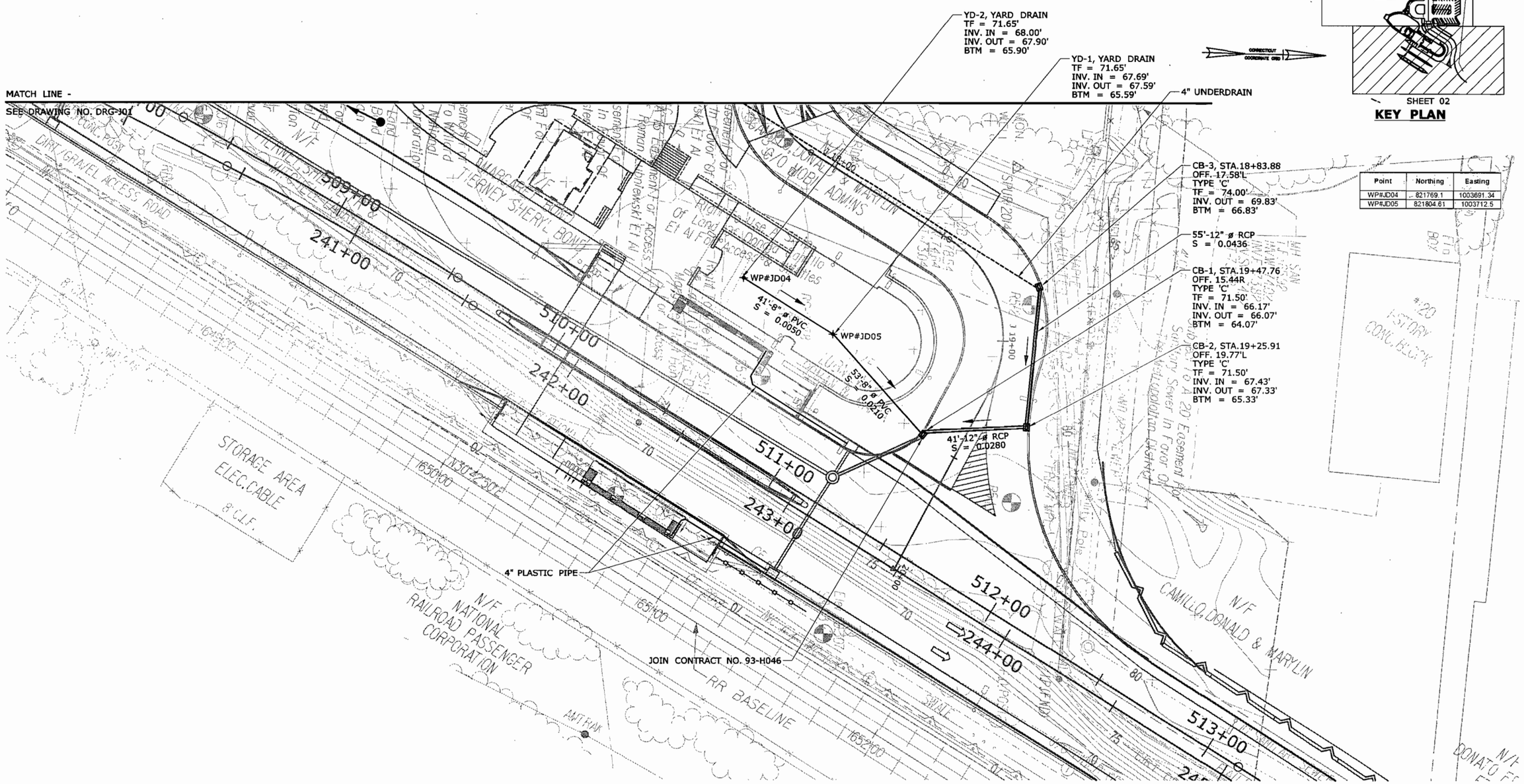
SIGNATURE/BLOCK: S E A CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE: NEW BRTAIN - HARTFORD BUS RAPID TRANSIT STATIONS NEWINGTON JUNCTION

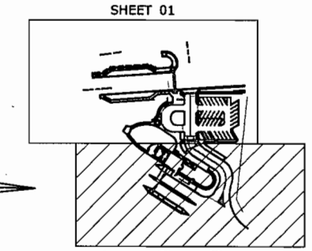
TOWN: NEWINGTON

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 88-H039
DRAWING NO. DRG-J01
SHEET NO.



SHEET 01



SHEET 02

KEY PLAN

Point	Northing	Easting
WP#JD04	821769.1	1003691.34
WP#JD05	821804.61	1003712.5

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_DRG_88H039_NEWINGTON JUNCTION-02.dgn

SIGNATURE/BLOCK: S E A CONSULTANTS
APPROVED BY: DATE:

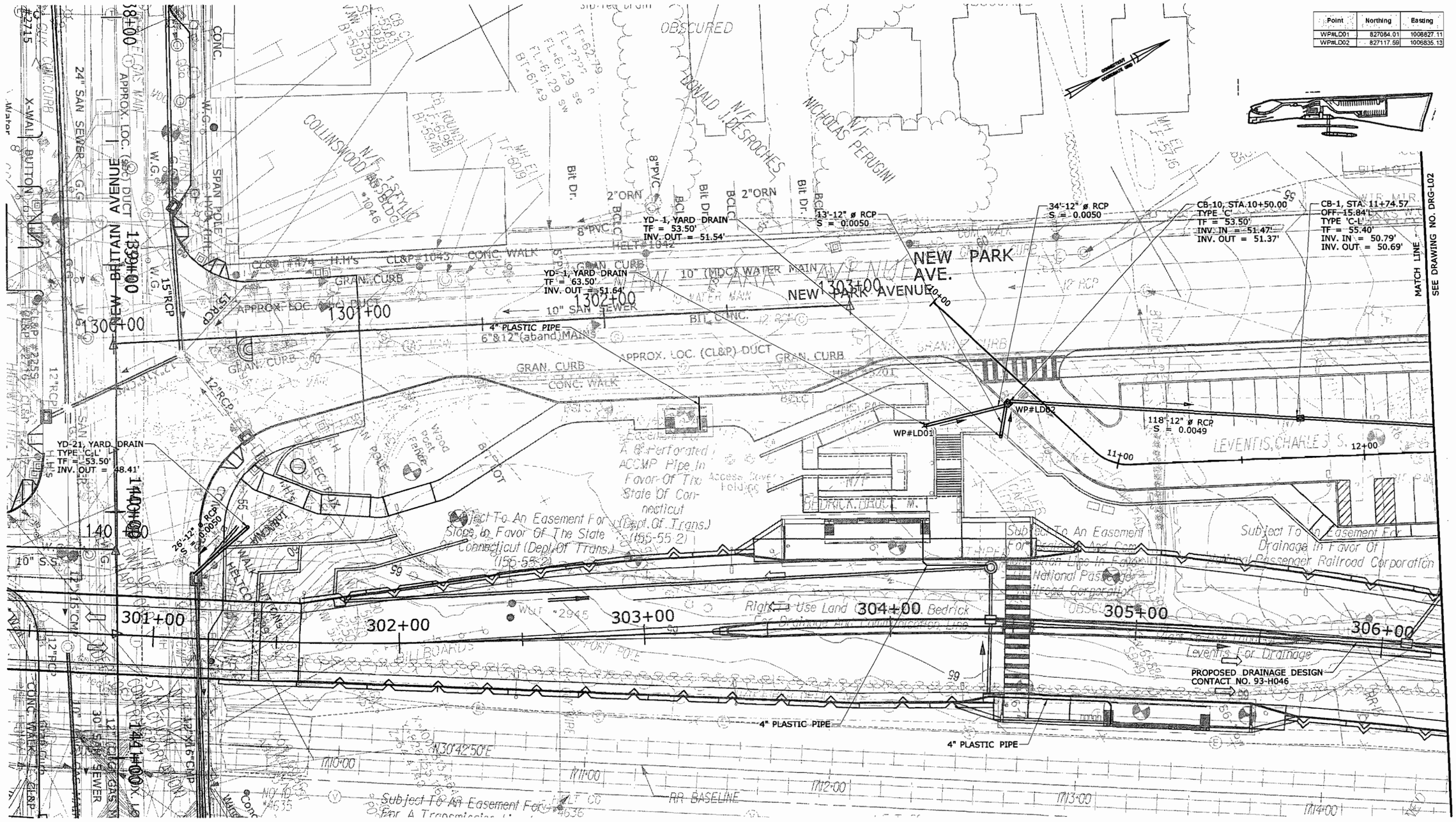
PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS NEWINGTON JUNCTION

TOWN: NEWINGTON

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 88-H039
DRAWING NO. DRG-J02
SHEET NO.

Point	Northing	Easting
WP#LD01	827084.01	1006827.11
WP#LD02	827117.59	1006835.13



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_DRG_88H039_ELMWOOD-01.dgn

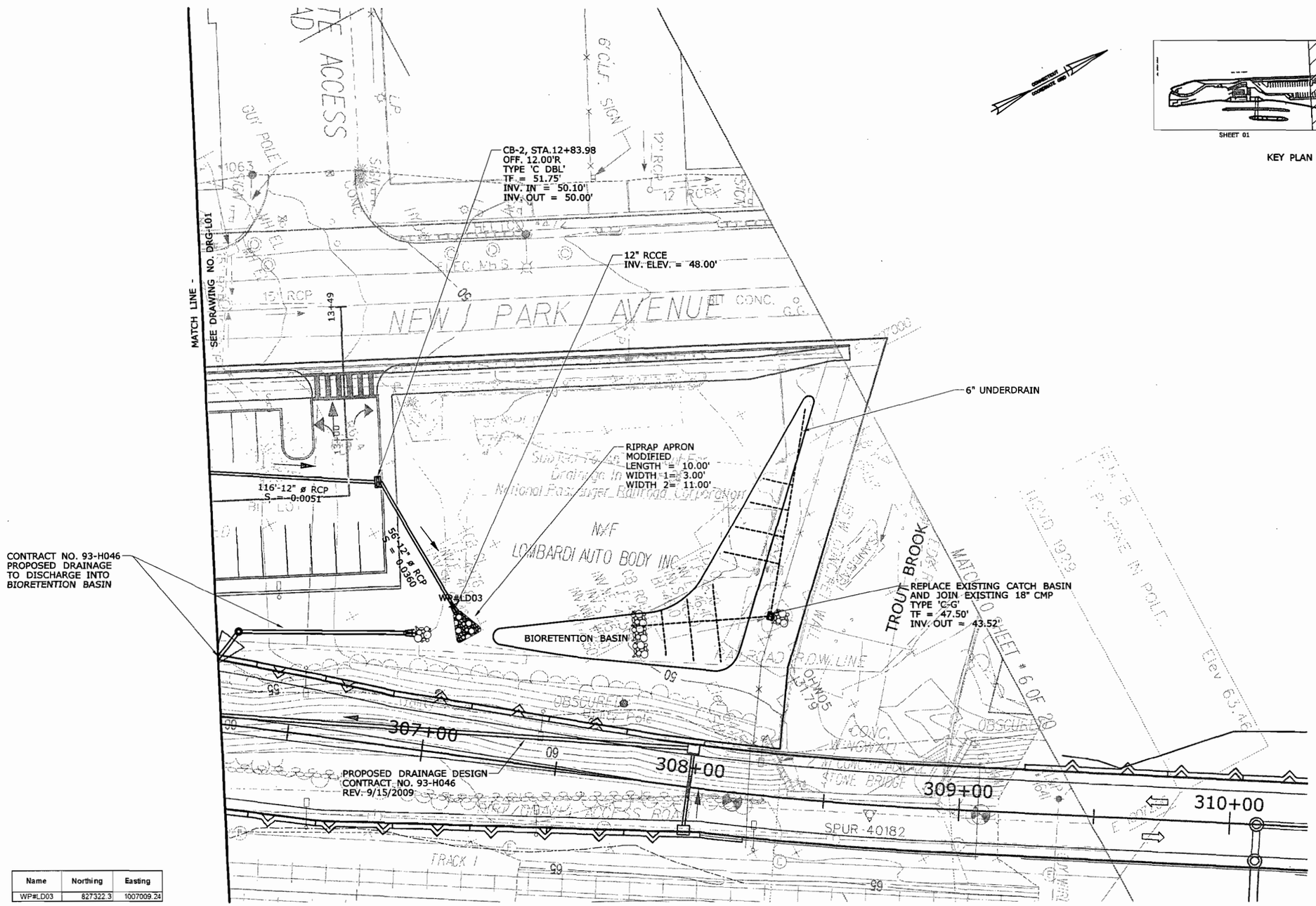
SIGNATURE/BLOCK: S E A CONSULTANTS
APPROVED BY: -
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS ELMWOOD

TOWN: WEST HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 88-H039
DRAWING NO. DRG-L01
SHEET NO.



KEY PLAN

Name	Northing	Easting
WP#LD03	827322.3	1007009.24

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/8/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_DRG_88H039_ELMWOOD-02.dgn

SIGNATURE/BLOCK: S E A CONSULTANTS
APPROVED BY: - DATE: -

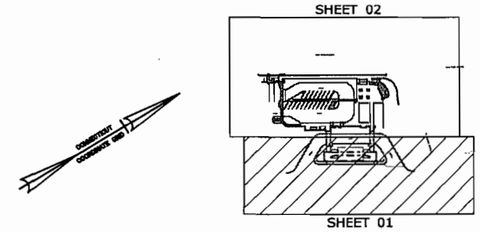
PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS ELMWOOD

TOWN: WEST HARTFORD

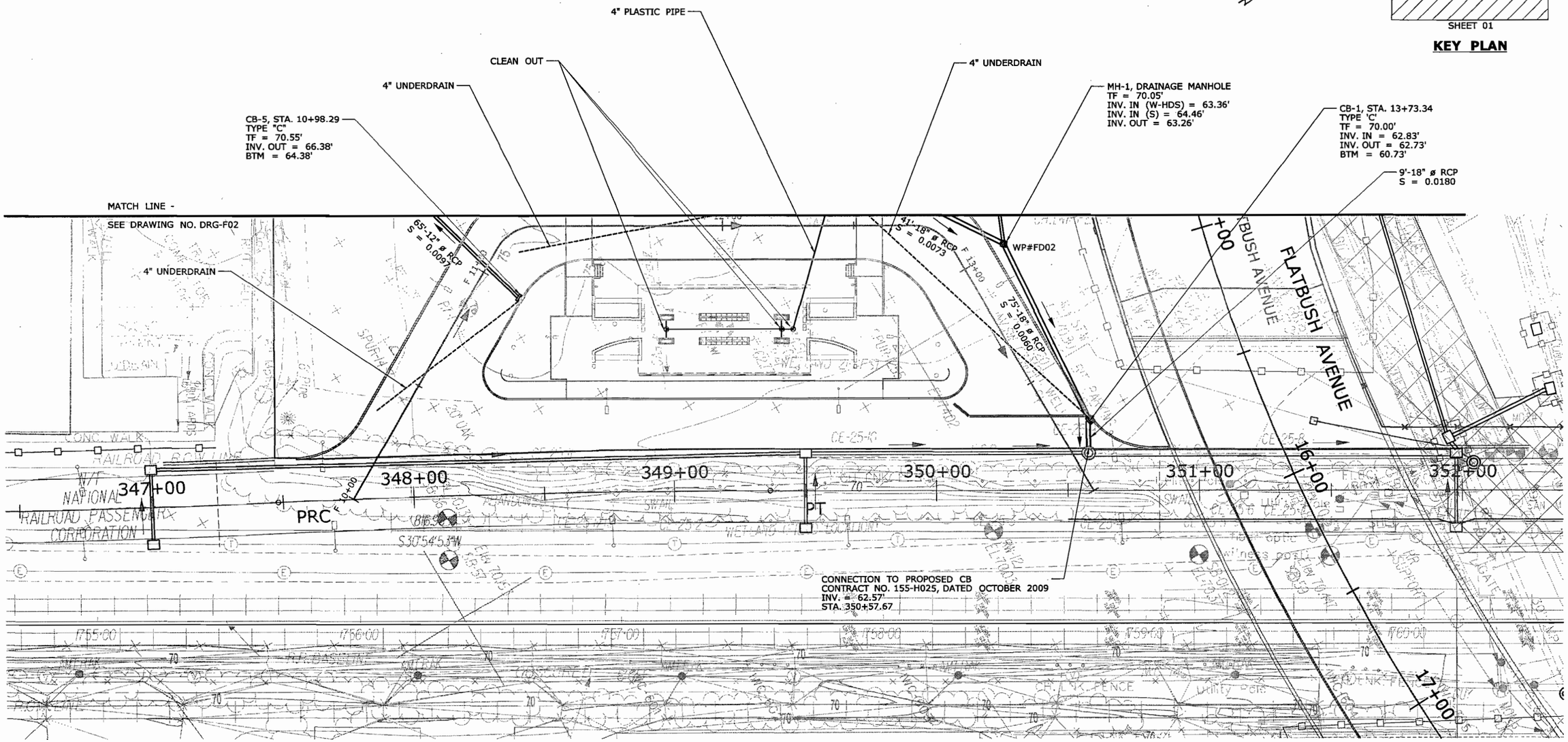
DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 88-H039
DRAWING NO. DRG-L02
SHEET NO.

Point	Northing	Easting
WP#FD1	830961.93	1009218.33
WP#FD2	831050.77	1009183.49



KEY PLAN



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/11/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_DRG_88H039_FLATBUSH-01.dgn

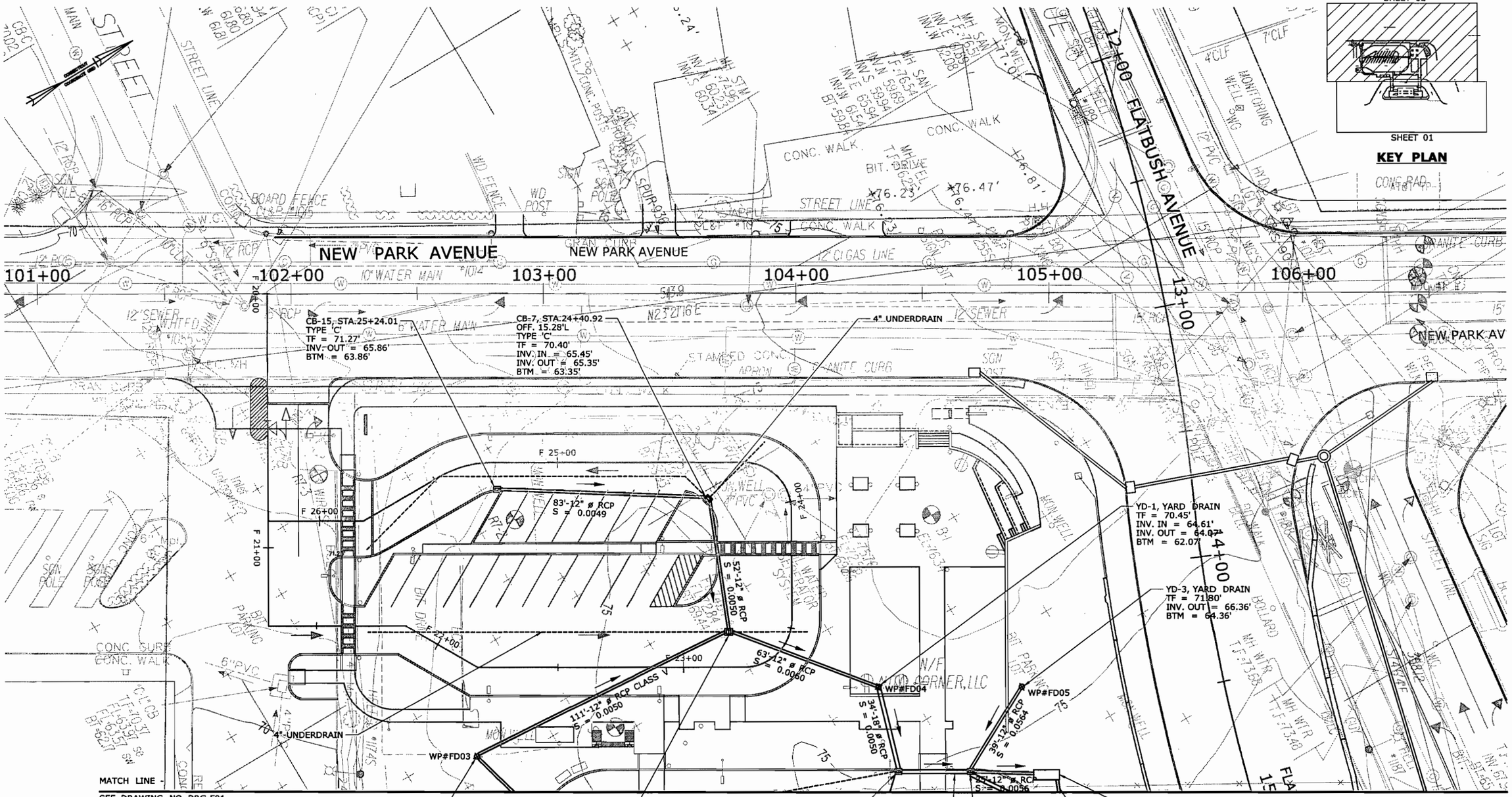
SIGNATURE/BLOCK: S E A CONSULTANTS
APPROVED BY: -
DATE: -

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS FLATBUSH AVENUE

TOWN: WEST HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 88-H039
DRAWING NO. DRG-F01
SHEET NO.



Point	Northing	Easting
WP#FD03	830864.41	1009043.68
WP#FD04	831015.3	1009101.35
WP#FD05	831064.04	1009130.24

YD-2, YARD DRAIN
TF = 69.50'
INV. IN = 65.75'
INV. OUT = 65.65'
BTM = 63.65'

CB-4, STA.23+17.81
OFF. 13.92'L
TYPE 'CL'
TF = 69.74'
INV. IN (S) = 65.65'
INV. IN (W) = 65.09'
INV. OUT = 64.99'
BTM = 62.99'

CB-3, STA. 23+38.76
TYPE 'C'
TF = 69.52'
INV. IN (W) = 63.90'
INV. OUT = 63.80'
BTM = 61.80'

28'-18" ø RCP
S = 0.0050

CB-2, STA.23+42.31
TYPE 'C'
TF = 69.20'
INV. IN (W) = 64.16'
INV. IN (S)= 63.66'
INV. OUT (N - HDS) = 63.66'
INV. OUT (E) = 64.66'
BTM = 61.66'

16'-12" ø RCP
S = 0.0060

OFFLINE HYDRODYNAMIC SEPARATOR
TOP = 68.30'
INV. IN = 63.52'
INV OUT = 63.46'

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 7/11/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_DRG_88H039_FLATBUSH-02.dgn

SIGNATURE/BLOCK: S E A CONSULTANTS
APPROVED BY: -
DATE: -

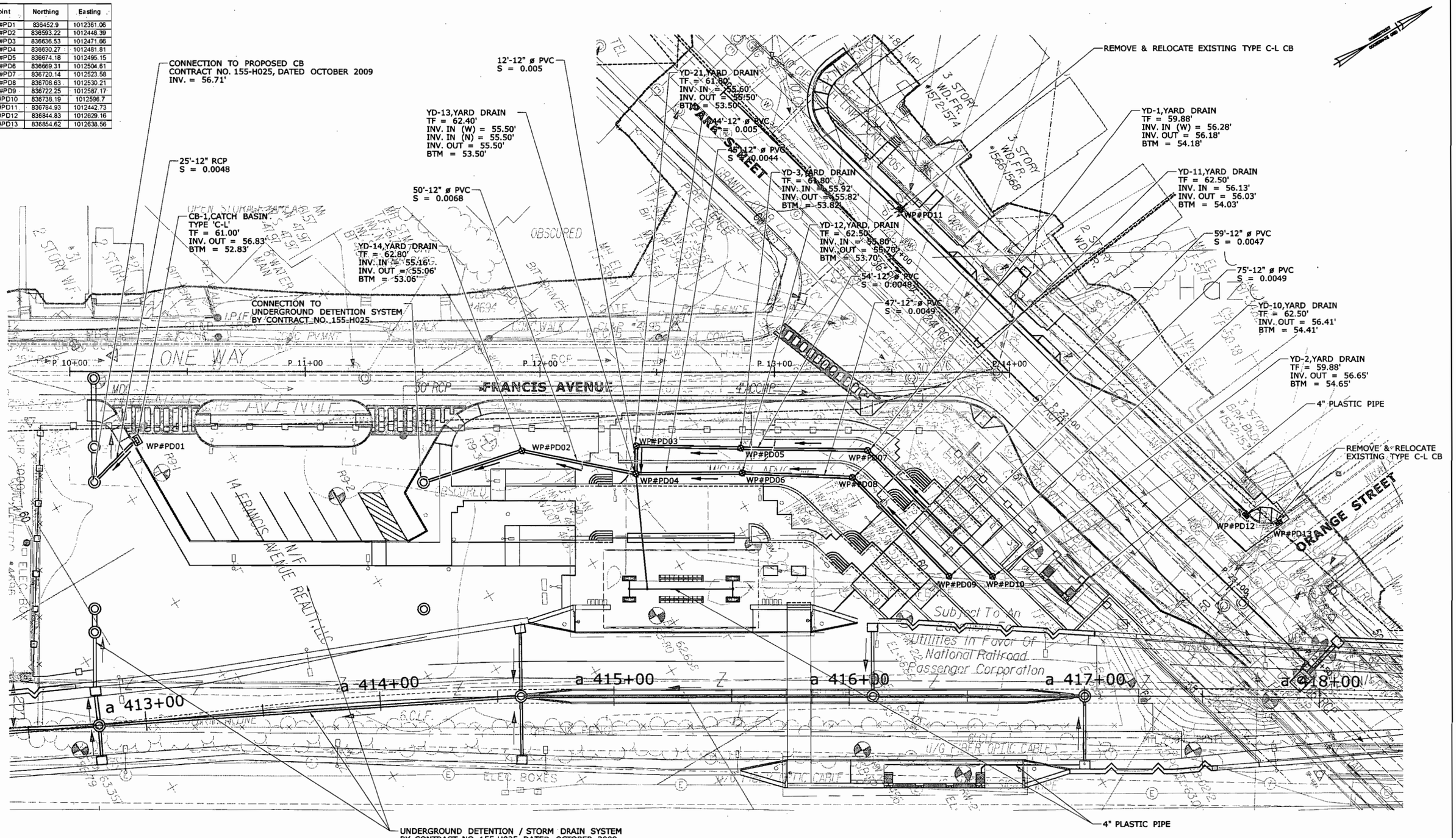
PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS FLATBUSH AVENUE

TOWN: WEST HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 88-H039
DRAWING NO. DRG-F02
SHEET NO.

Point	Northing	Easting
WP#PD1	836452.9	1012361.06
WP#PD2	836593.22	1012448.39
WP#PD3	836636.53	1012471.66
WP#PD4	836630.27	1012481.81
WP#PD5	836674.18	1012495.15
WP#PD6	836669.31	1012504.61
WP#PD7	836720.14	1012523.58
WP#PD8	836708.63	1012530.21
WP#PD9	836722.25	1012587.17
WP#PD10	836738.19	1012596.7
WP#PD11	836784.93	1012442.73
WP#PD12	836844.83	1012629.16
WP#PD13	836854.62	1012638.56



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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 Date: 7/11/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_DRG_88H039_PARKVILLE.dgn

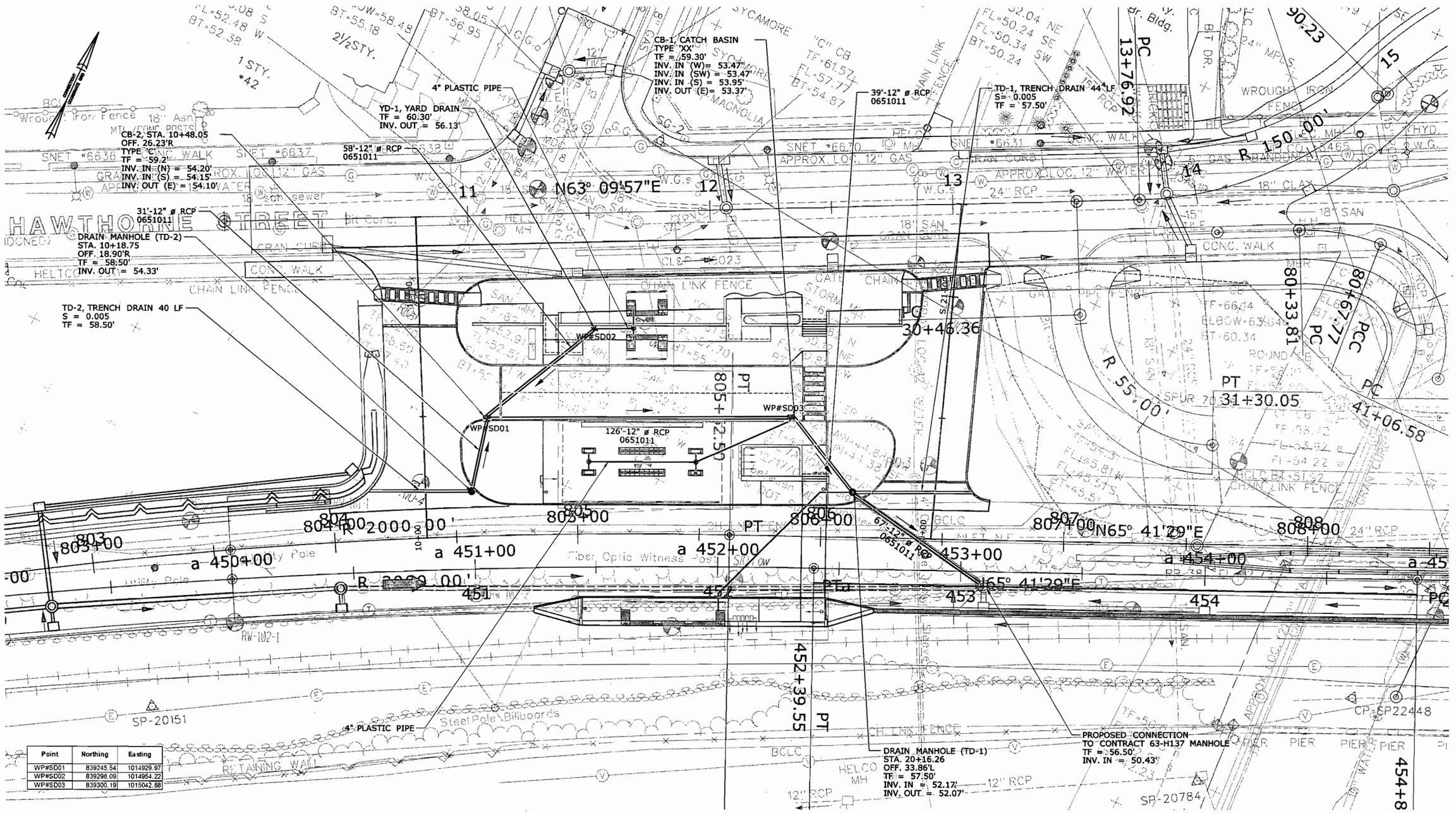
SIGNATURE/ BLOCK: S E A CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS PARKVILLE

TOWN: HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 88-H039
DRAWING NO. DRG-P01
SHEET NO.



Point	Northing	Easting
WP#SD01	839245.54	1014929.97
WP#SD02	839298.09	1014954.22
WP#SD03	839300.19	1015042.88

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
1	NOV.	DESIGN COORDINATION REVISIONS	-

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 Date: 7/11/2010

DESIGNER/DRAFTER: EAD
CHECKED BY: AGB
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_DRG_88H039_SIGOURNEY.dgn

SIGNATURE/BLOCK: S E A CONSULTANTS
APPROVED BY: DATE:

PROJECT TITLE: NEW BRITAIN - HARTFORD BUS RAPID TRANSIT STATIONS SIGOURNEY STREET

TOWN: HARTFORD

DRAWING TITLE: DRAINAGE PLAN

PROJECT NO. 88-H039
DRAWING NO. DRG-S01
SHEET NO.