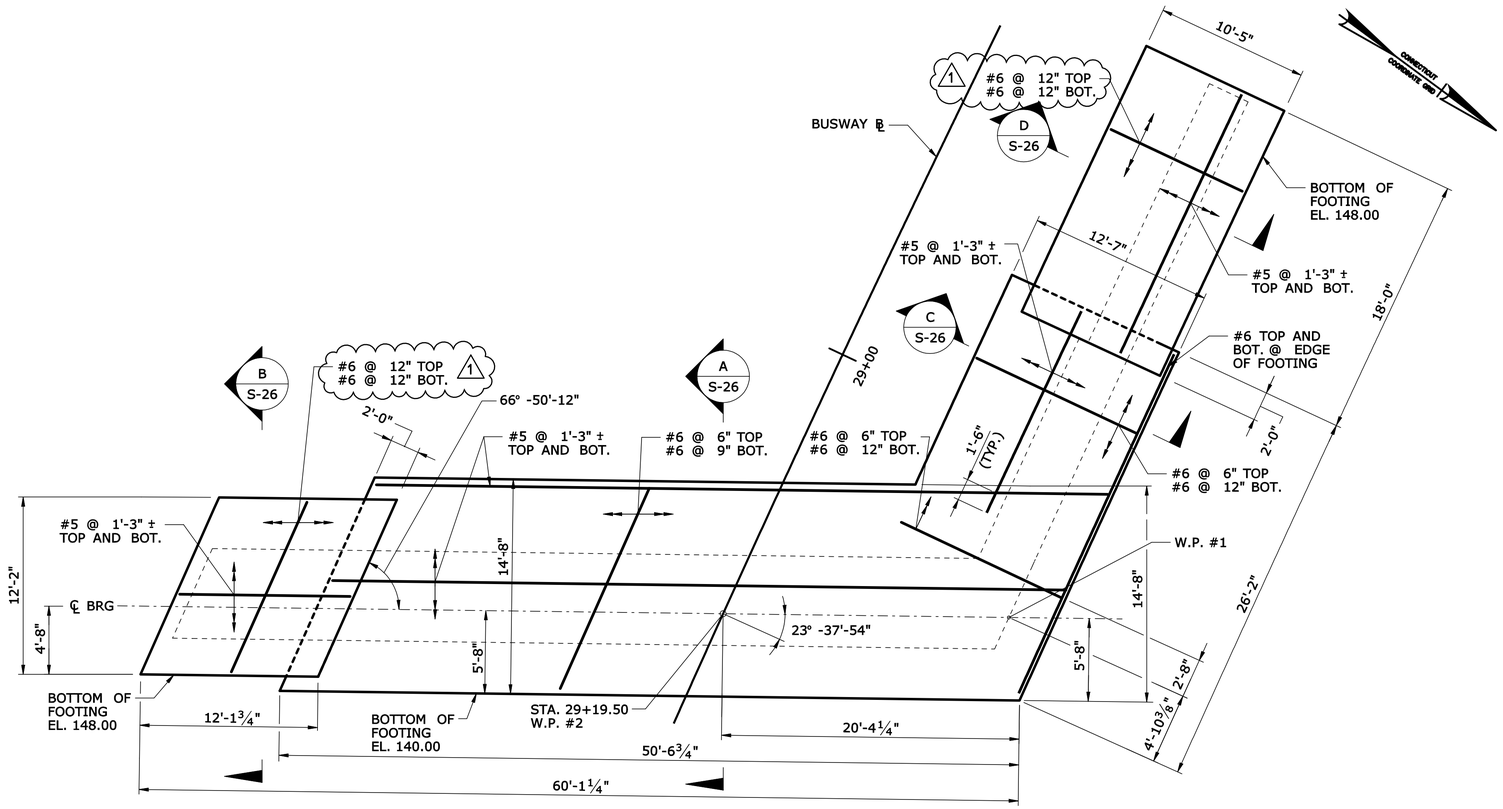



## ABUTMENT 1 FOOTING PLAN

SCALE: 3/16" = 1'-0"

NOTES:

1. NOMINAL BEARING CAPACITY = 24 KSF
   FACTORED BEARING CAPACITY IS A PRODUCT OF NOMINAL BEARING CAPACITY AND RESISTANCE FACTOR OF 0.45.
   THE SERVICEABILITY LIMIT STATE PRESUMPTIVE BEARING PRESSURE = 6 KSF.

   1 THE MAXIMUM DESIGN FOUNDATION PRESSURE:
   8.0 KSF (STRENGTH I)
   5.3 KSF (SERVICE I)

2. FOR TYPICAL ABUTMENT AND WINGWALL SECTIONS, SEE DWG. "ABUTMENT 1 SECTIONS 1".

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

STATE OF CONNECTICUT DAVID G. GEISSERT No. 17425 LICENSED PROFESSIONAL ENGINEER

David G Geissert
2011.10.07
15:53:29
-04'00'

**ADDENDUM NO. 2**

**BRIDGE BUSWAY OVER ROUTE 9-088-177-03-02**

| REV. | DATE | REVISION DESCRIPTION | SHEET NO. |
|---|---|---|---|
| 1 | 10/7/11 | ADDENDUM NO. 2 - REVISED REINFORCEMENT AND FOUNDATION PRESSURE | 03.03.022.A2 |

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: 10/6/2011

DESIGNER/DRAFTER: J. CLOGSTON
CHECKED BY: W. BEST
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: P:\088_H035\Struct_Bridge\MSta_Sheet_Files\SB_MSH_Br04242R_088_H035_S22-1_ABUT1_FOOTING.dgn

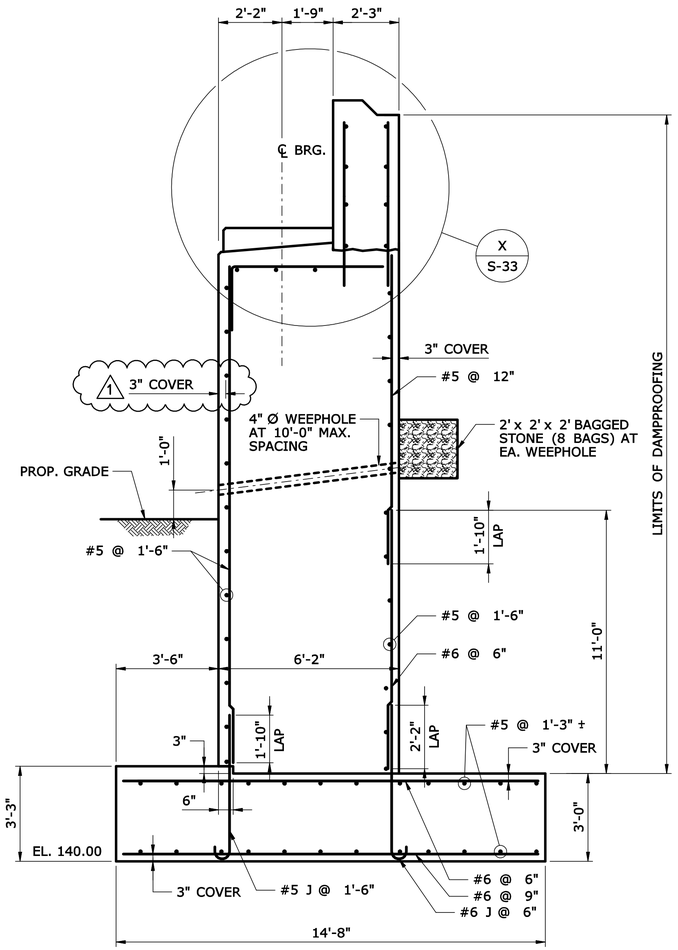
SIGNATURE/BLOCK:
STATE OF CONNECTICUT DAVID G. GEISSERT No. 17425 LICENSED PROFESSIONAL ENGINEER
URS CORPORATION
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

PROJECT TITLE:
NEW BRITAIN - HARTFORD BUSWAY
NEW BRITAIN SECTION A

TOWN: NEW BRITAIN

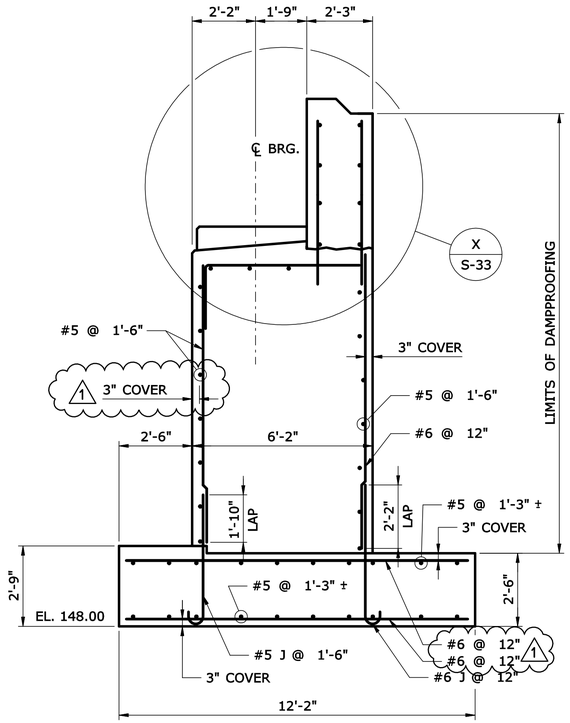
DRAWING TITLE: ABUTMENT 1 FOOTING PLAN

PROJECT NO. 088-177
DRAWING NO. S-22
SHEET NO. 03.03.022.A2



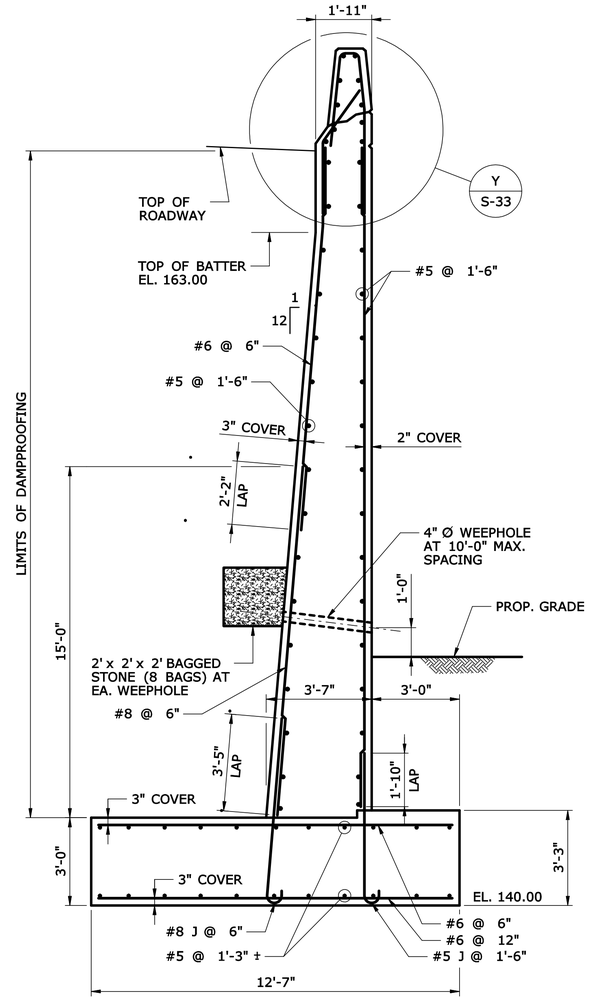

| SECTION | A | A | A |
|---|---|---|---|
| ABUTMENT 1 | S-22 | S-23 | S-24 |

SCALE: 3/8" = 1'-0"



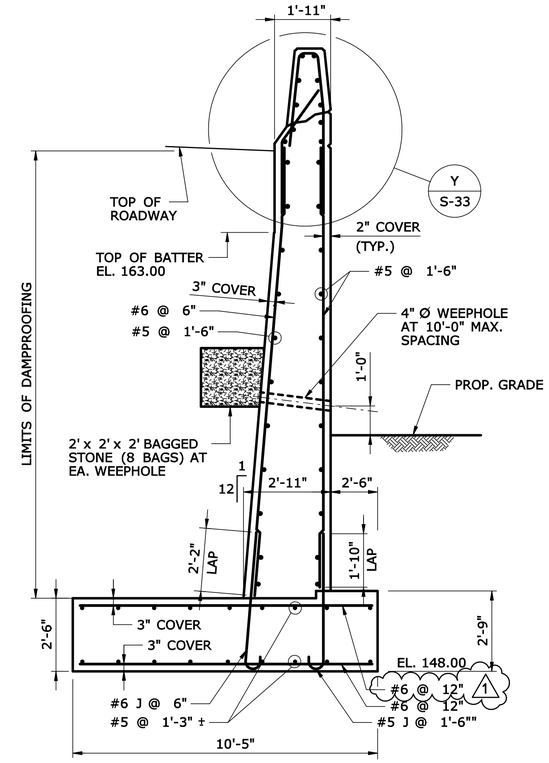

| SECTION | B | B | B |
|---|---|---|---|
| ABUTMENT 1 | S-22 | S-23 | S-24 |

SCALE: 3/8" = 1'-0"




| SECTION | C | C | C |
|---|---|---|---|
| WINGWALL 1A | S-22 | S-23 | S-25 |

SCALE: 3/8" = 1'-0"




| SECTION | D | D | D |
|---|---|---|---|
| WINGWALL 1A | S-22 | S-23 | S-25 |

SCALE: 3/8" = 1'-0"

**ADDENDUM NO. 2**

**BRIDGE BUSWAY OVER ROUTE 9-088-177-03-02**

| REV. | DATE | REVISION DESCRIPTION | SHEET NO. |
|---|---|---|---|
| 1 | 10/7/11 | ADDENDUM NO. 2 - REVISED REINFORCEMENT | 03.03.026.A2 |

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: 10/6/2011

DESIGNER/DRAFTER: J. CLOGSTON
CHECKED BY: C. GREGORY
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: P:\088_H035\Struct_Bridge\MSta_Sheet_Files\SB_MSH_Br04242R_088_H035_S26-1_ABUT1_SECTIONS.dgn

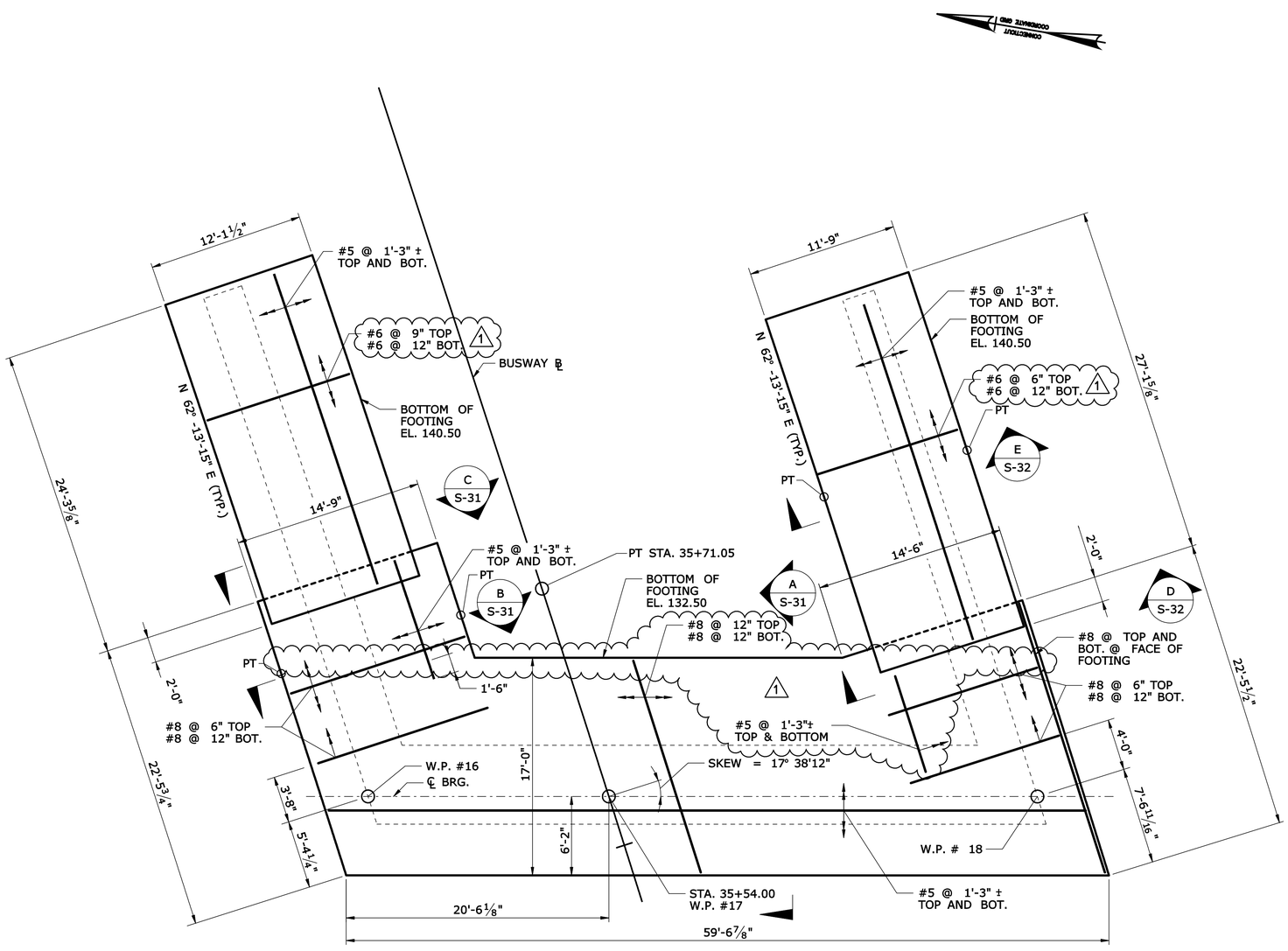
SIGNATURE/BLOCK:
STATE OF CONNECTICUT DAVID G. GEISER No. 17428 LICENSED PROFESSIONAL ENGINEER
URS CORPORATION
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

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

TOWN: **NEW BRITAIN**

DRAWING TITLE: **ABUTMENT 1 SECTIONS 1**

PROJECT NO. **088-177**
DRAWING NO. **S-26**
SHEET NO. **03.03.026.A2**




## ABUTMENT 2 FOOTING PLAN

SCALE: 3/16" = 1'-0"

NOTES:

1. NOMINAL BEARING CAPACITY = 24 KSF
   FACTORED BEARING CAPACITY IS A PRODUCT OF NOMINAL BEARING CAPACITY AND RESISTANCE FACTOR OF 0.45. THE SERVICEABILITY LIMIT STATE PRESUMPTIVE BEARING PRESSURE = 6 KSF.

   1 THE MAXIMUM DESIGN FOUNDATION PRESSURE:
   9.3 KSF (STRENGTH I)
   5.8 KSF (SERVICE I)

2. FOR FOOTING CONCRETE & REINFORCEMENT NOTES, SEE DWG. "GENERAL NOTES & QUANTITIES".

3. FOR REINFORCING SPLICE NOTES, SEE DWG. "GENERAL NOTES & QUANTITIES".

**ADDENDUM NO. 2**

**BRIDGE BUSWAY OVER ROUTE 9-088-177-03-02**

| REV. | DATE | REVISION DESCRIPTION | SHEET NO. |
|---|---|---|---|
| 1 | 10/7/11 | ADDENDUM NO. 2 - REVISED REINFORCEMENT AND FOOTING PRESSURE | 03.03.028.A2 |

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: 10/6/2011

DESIGNER/DRAFTER: J. CLOGSTON
CHECKED BY: C. GREGORY
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: P:\088_H035\Struct_Bridge\MSta_Sheet_Files\SB_MSH_Br04242R_088_H035_S28-1_ABUT2_FOOTING.dgn

SIGNATURE/ BLOCK:

STATE OF CONNECTICUT
DAVID C. GEISSERT
No. 17425
LICENSED PROFESSIONAL ENGINEER

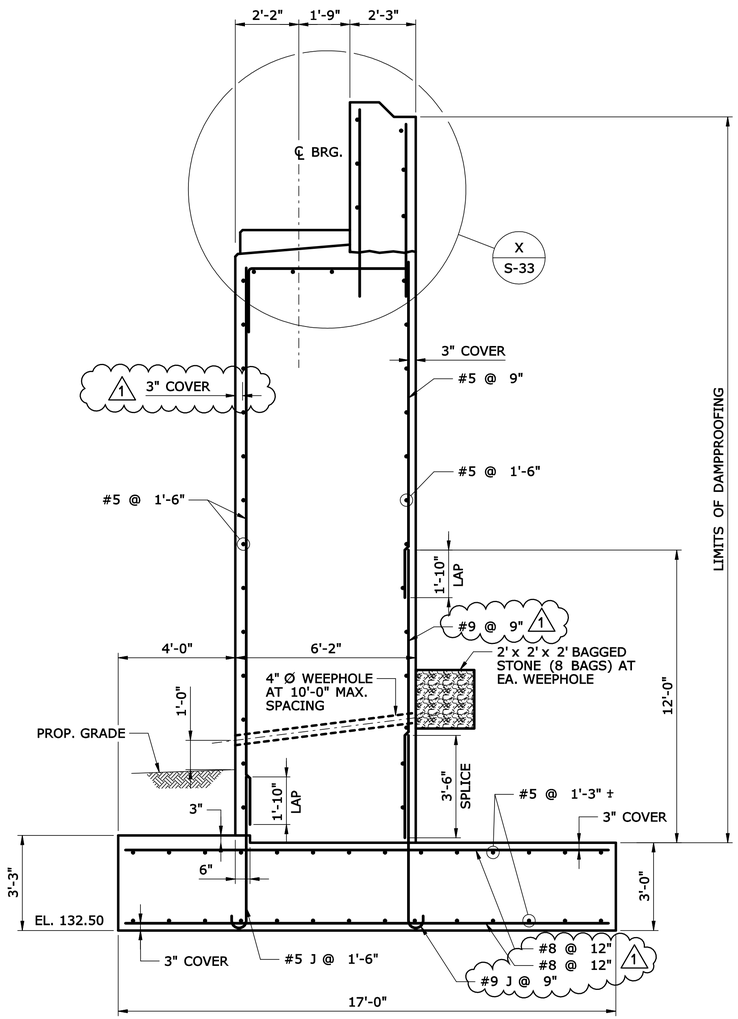
URS CORPORATION
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

PROJECT TITLE:
NEW BRITAIN - HARTFORD BUSWAY
NEW BRITAIN SECTION A

TOWN: NEW BRITAIN

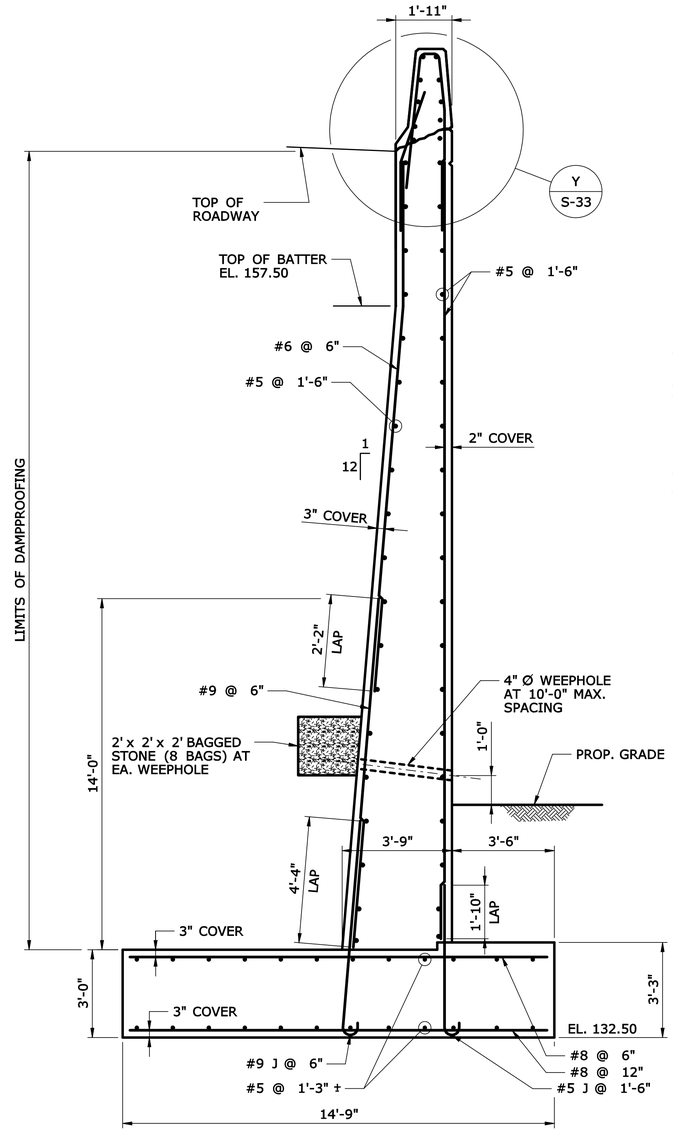
DRAWING TITLE: ABUTMENT 2 FOOTING PLAN

PROJECT NO. 088-177
DRAWING NO. S-28
SHEET NO. 03.03.028.A2



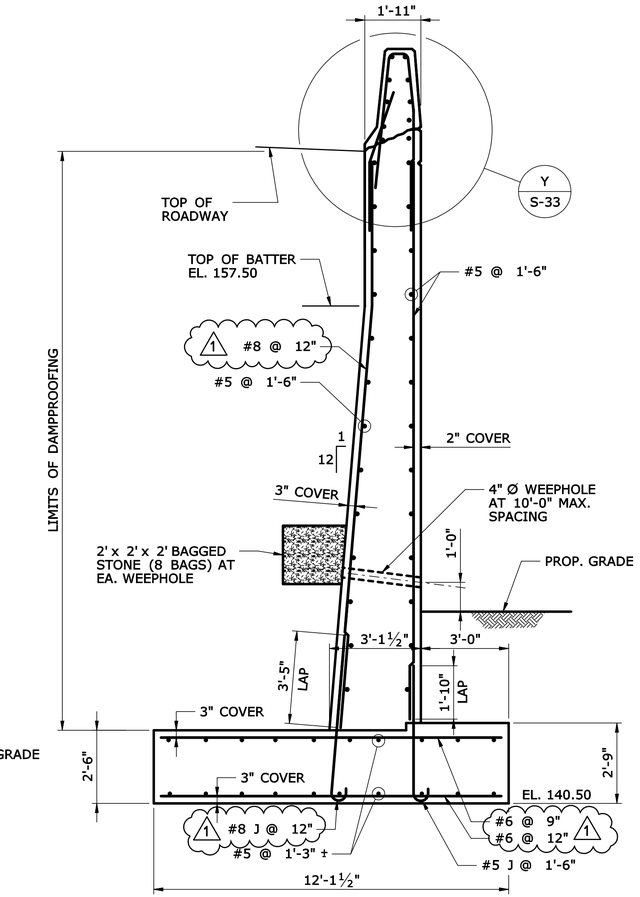

| SECTION | A | A |
|---|---|---|
| ABUTMENT 2 | S-28 | S-29 |

SCALE: 3/8" = 1'-0"




| SECTION | B | B | B |
|---|---|---|---|
| WINGWALL 2A | S-28 | S-29 | S-30 |

SCALE: 3/8" = 1'-0"




| SECTION | C | C | C |
|---|---|---|---|
| WINGWALL 2A | S-28 | S-29 | S-30 |

SCALE: 3/8" = 1'-0"

**ADDENDUM NO. 2**

**BRIDGE BUSWAY OVER ROUTE 9-088-177-03-02**

| REV. | DATE | REVISION DESCRIPTION | SHEET NO. |
|---|---|---|---|
| 1 | 10/7/11 | ADDENDUM NO. 2 - REVISED REINFORCEMENT | 03.03.031.A2 |

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: 10/6/2011

DESIGNER/DRAFTER: J. CLOGSTON
CHECKED BY: C. GREGORY
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: P:\088_H035\Struct_Bridge\MSta_Sheet_Files\SB_MSH_Br04242R_088_H035_S31-1_ABUT2_SECT.dgn

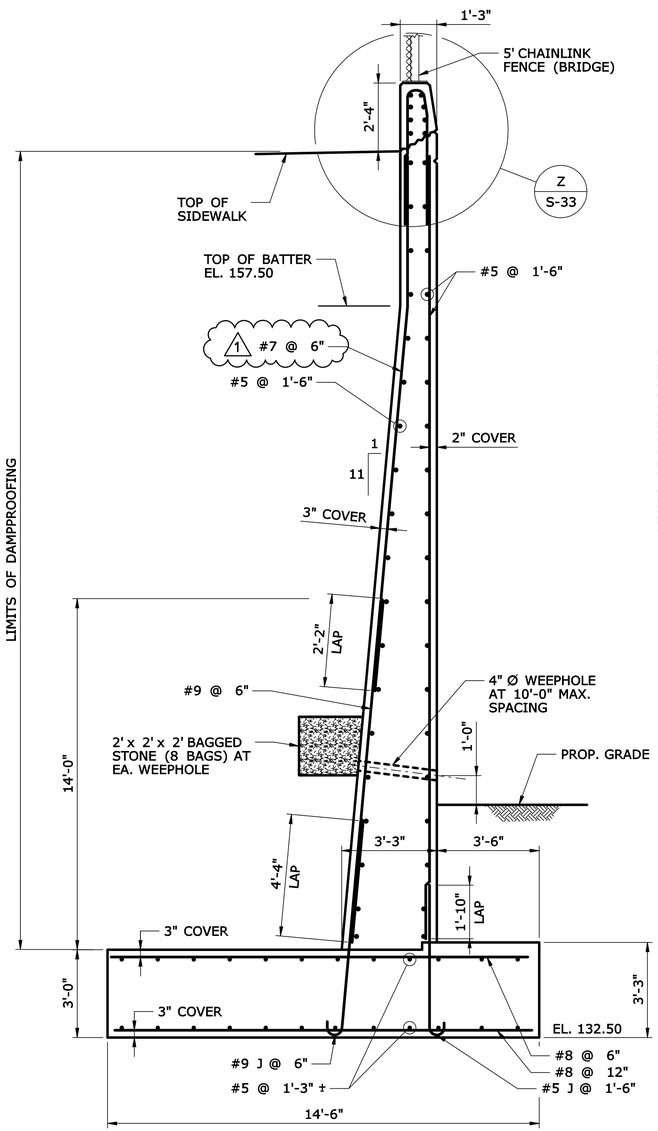
SIGNATURE/BLOCK:
STATE OF CONNECTICUT DAVID G. GEISLER LICENSED PROFESSIONAL ENGINEER No. 17425
URS CORPORATION
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

PROJECT TITLE:
NEW BRITAIN - HARTFORD BUSWAY
NEW BRITAIN SECTION A

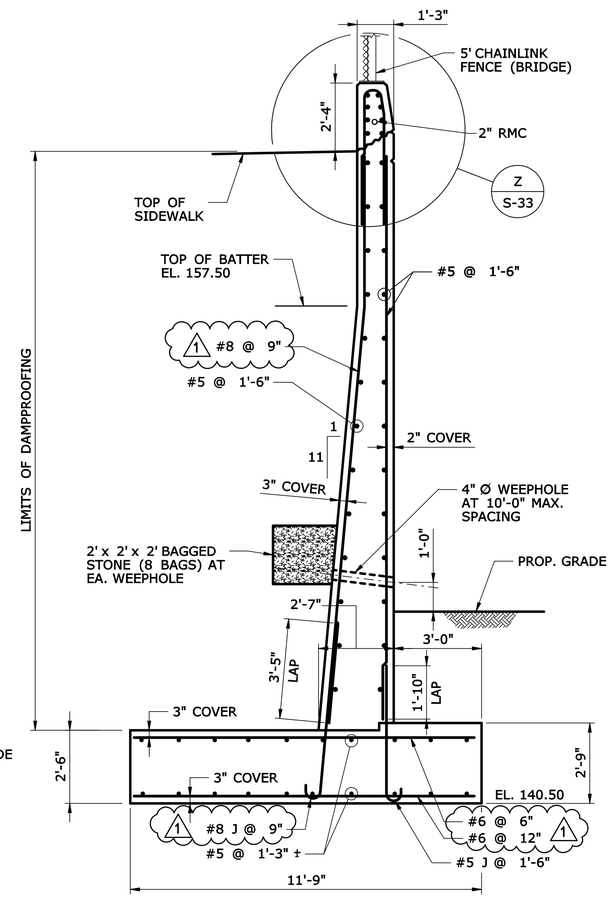
TOWN: NEW BRITAIN

DRAWING TITLE: ABUTMENT 2 SECTIONS 1

PROJECT NO. 088-177
DRAWING NO. S-31
SHEET NO. 03.03.031.A2




**SECTION D D D**
**WINGWALL 2B S-28 S-29 S-30**
SCALE: 3/8" = 1'-0"




**SECTION E E E**
**WINGWALL 2B S-28 S-29 S-30**
SCALE: 3/8" = 1'-0"

**ADDENDUM NO. 2**

**BRIDGE BUSWAY OVER ROUTE 9-088-177-03-02**

| REV. | DATE | REVISION DESCRIPTION | SHEET NO. |
|---|---|---|---|
| 1 | 10/7/11 | ADDENDUM NO. 2 - REVISED REINFORCEMENT | 03.03.032.A2 |

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: 10/6/2011

DESIGNER/DRAFTER: J. CLOGSTON
CHECKED BY: C. GREGORY
SCALE AS NOTED

**STATE OF CONNECTICUT**
**DEPARTMENT OF TRANSPORTATION**

Filename: P:\088_H035\Struct_Bridge\MSta_Sheet_Files\SB_MSH_Br04242R_088_H035_S32-1_ABUT2_SECT2.dgn

SIGNATURE/BLOCK:

URS CORPORATION
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

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

TOWN: **NEW BRITAIN**

DRAWING TITLE: **ABUTMENT 2 SECTIONS 2**

PROJECT NO. **088-177**
DRAWING NO. **S-32**
SHEET NO. **03.03.032.A2**