


01.13 - ENVIRONMENTAL INDEX OF DRAWINGS

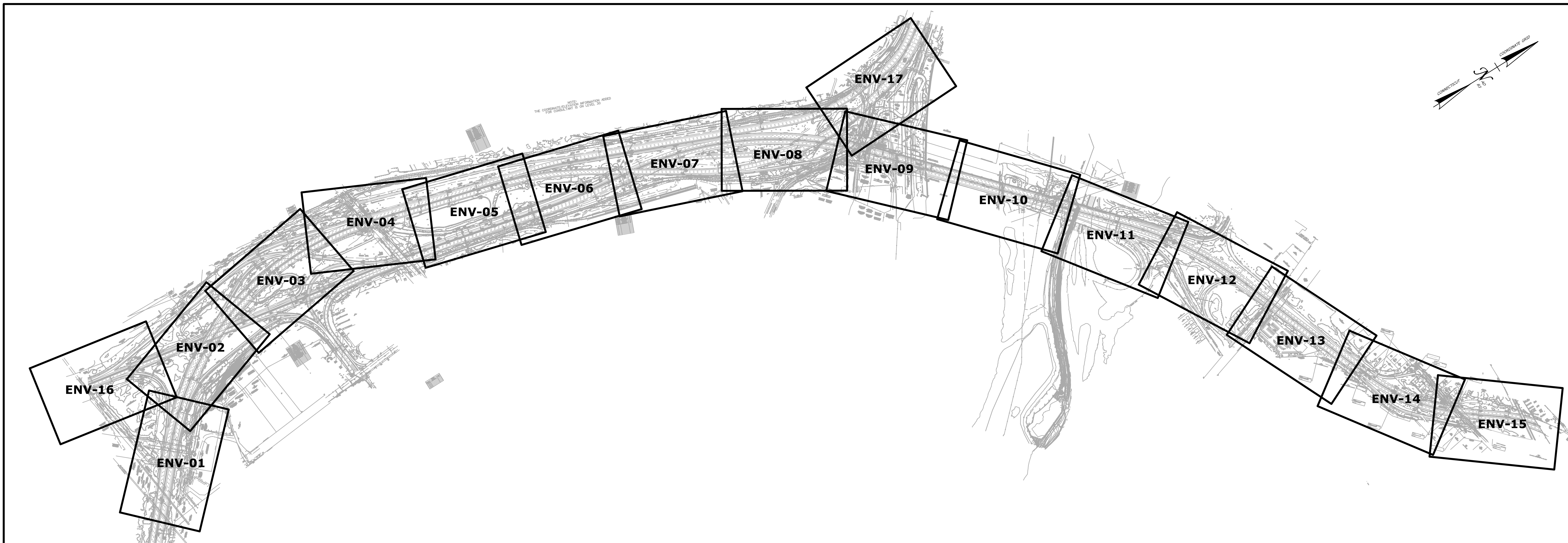
DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
	INDEX OF DRAWINGS		
INX-01	INDEX PLAN		
ENV-01 TO ENV-17	SOIL AOEC PLANS		
ENV-18 TO ENV-20	GROUNDWATER AOEC PLANS		
ENV-21 TO ENV-22	WASTE STOCKPILE AREA PLANS		
ENV-23	WASTE STOCKPILE AREA DETAILS		
ENV-24	LINER SYSTEM MODIFICATIONS		
LOC-01	WASTE STOCKPILE AREA LOCATIONS		

DESIGNED BY:
BL COMPANIES INC.



ARCHITECTURE
ENGINEERING
ENVIRONMENTAL
AND SURVEYING

BL COMPANIES INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

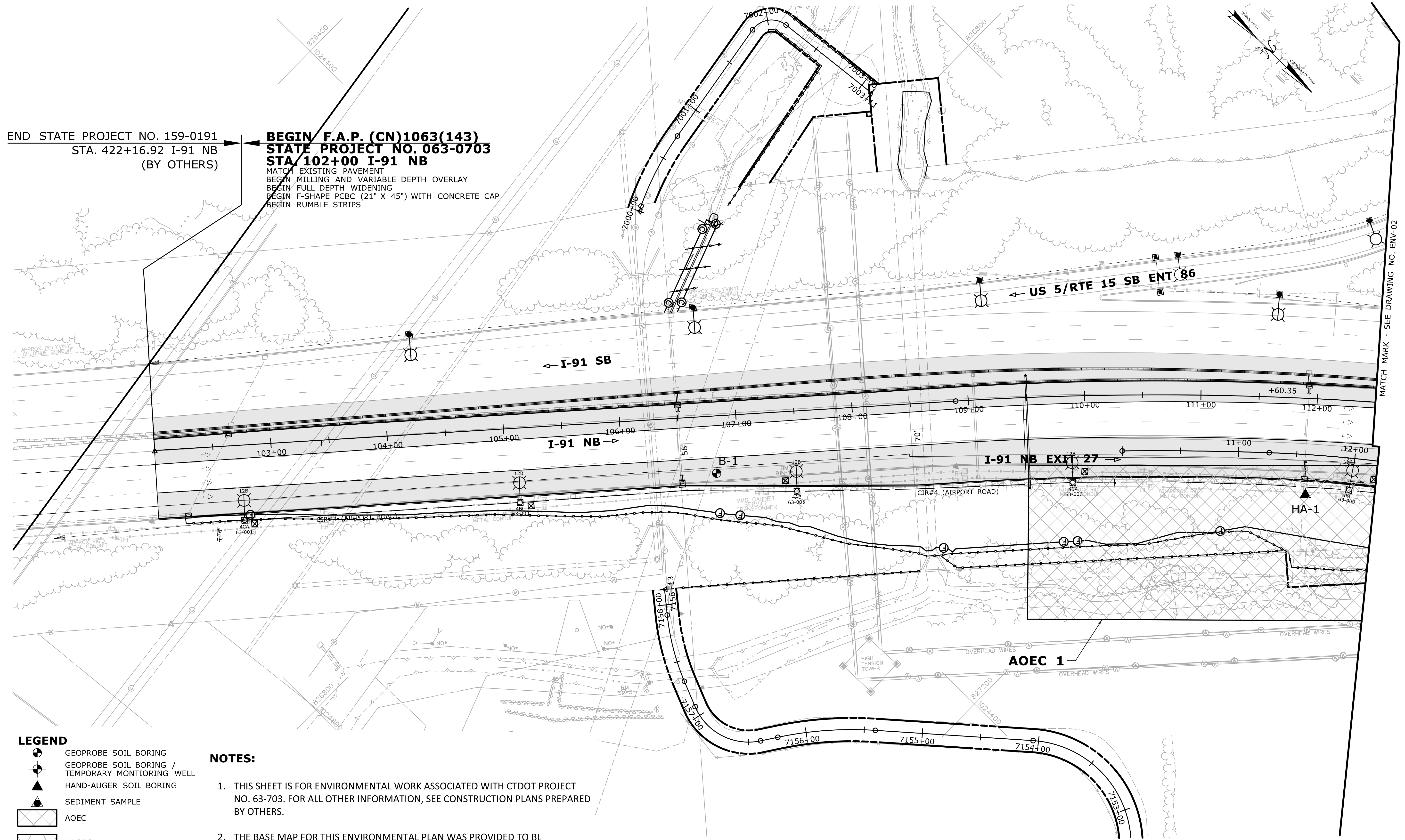


THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: JO CHECKED BY: JK/MF SCALE IN FEET 0 500 1000 SCALE 1"=500'	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION Filename: ...DD_MSH_ENV_63-703_INX-01.dgn	SIGNATURE/ BLOCK: BL COMPANIES, INC. 355 RESEARCH PARKWAY MERIDEN, CT 06450	PROJECT TITLE: RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB	TOWN: HARTFORD EAST HARTFORD DRAWING TITLE: INDEX PLAN	PROJECT NO. 63-703 DRAWING NO. INX-01 SHEET NO. 13.02	
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/10/2018				

ENTIRE PROJECT AREA IS A LLAOEC EXCEPT WHERE NOTED

END STATE PROJECT NO. 159-0191
STA. 422+16.92 I-91 NB
(BY OTHERS)

BEGIN F.A.P. (CN)1063(143)
STATE PROJECT NO. 063-0703
STA. 102+00 I-91 NB
MATCH EXISTING PAVEMENT
BEGIN MILLING AND VARIABLE DEPTH OVERLAY
BEGIN FULL DEPTH WIDENING
BEGIN F-SHAPE PCBC (21" X 45") WITH CONCRETE CAP
BEGIN RUMBLE STRIPS



LEGEND

- GEOPROBE SOIL BORING
- GEOPROBE SOIL BORING / TEMPORARY MONITORING WELL
- HAND-AUGER SOIL BORING
- SEDIMENT SAMPLE
- AOEC
- HAOEC

NOTES:

1. THIS SHEET IS FOR ENVIRONMENTAL WORK ASSOCIATED WITH CTDOT PROJECT NO. 63-703. FOR ALL OTHER INFORMATION, SEE CONSTRUCTION PLANS PREPARED BY OTHERS.
2. THE BASE MAP FOR THIS ENVIRONMENTAL PLAN WAS PROVIDED TO BL COMPANIES BY CONNDOT.

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Plotted Date: 7/10/2018

DESIGNER/DRAFTER:
JO

CHECKED BY:
JK/MF

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

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK:

BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

TOWN:
HARTFORD EAST HARTFORD

DRAWING TITLE:
SOIL AOEC PLANS

PROJECT NO.
63-703






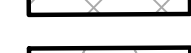
DRAWING NO.
ENV-01

SHEET NO.
13.03

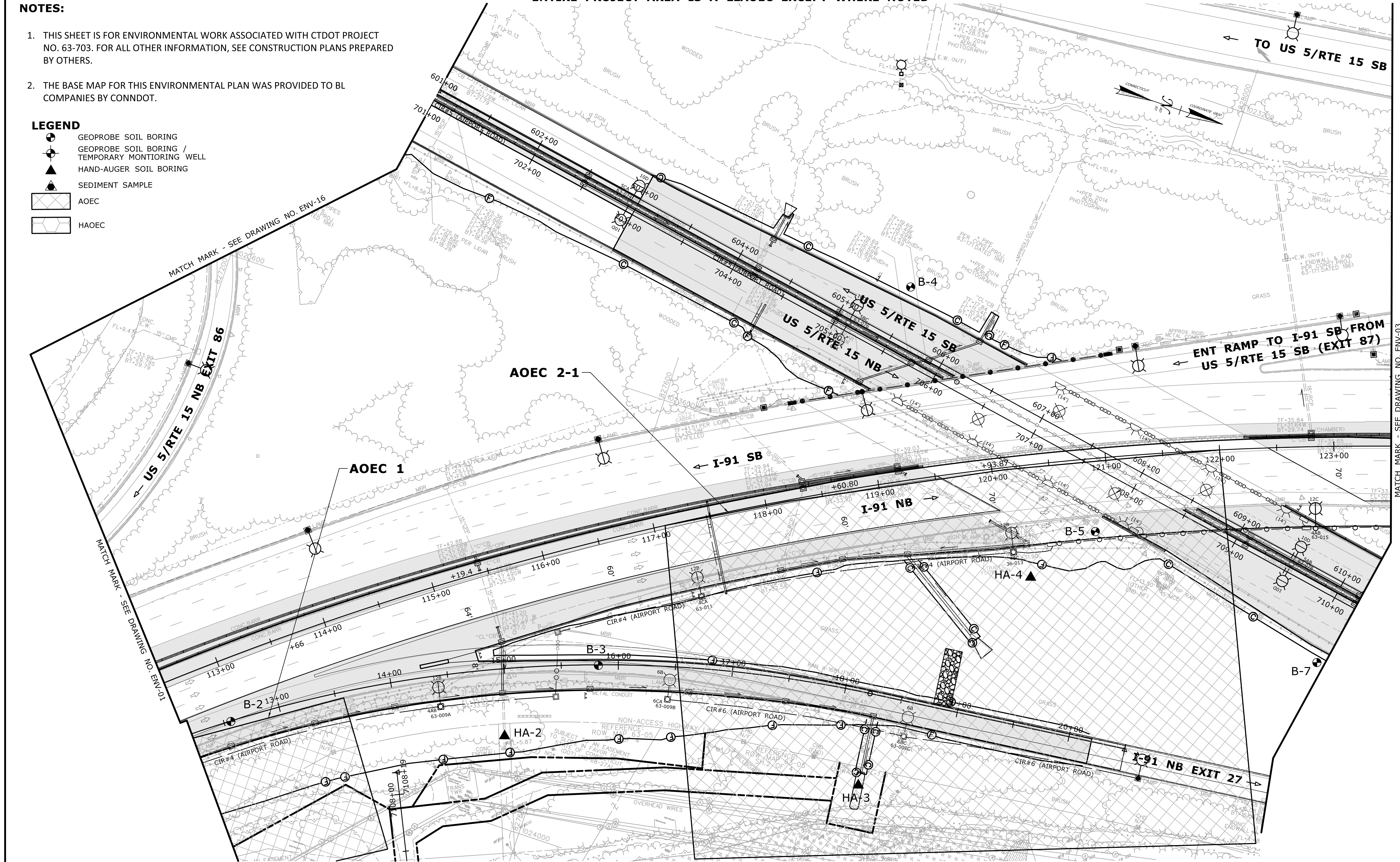
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-  HAND-AUGER SOIL BORING
-  SEDIMENT SAMPLE
-  AOEC
-  HAOEC

ENTIRE PROJECT AREA IS A LLAOC EXCEPT WHERE NOTED

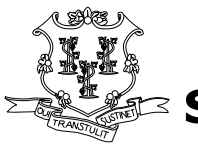



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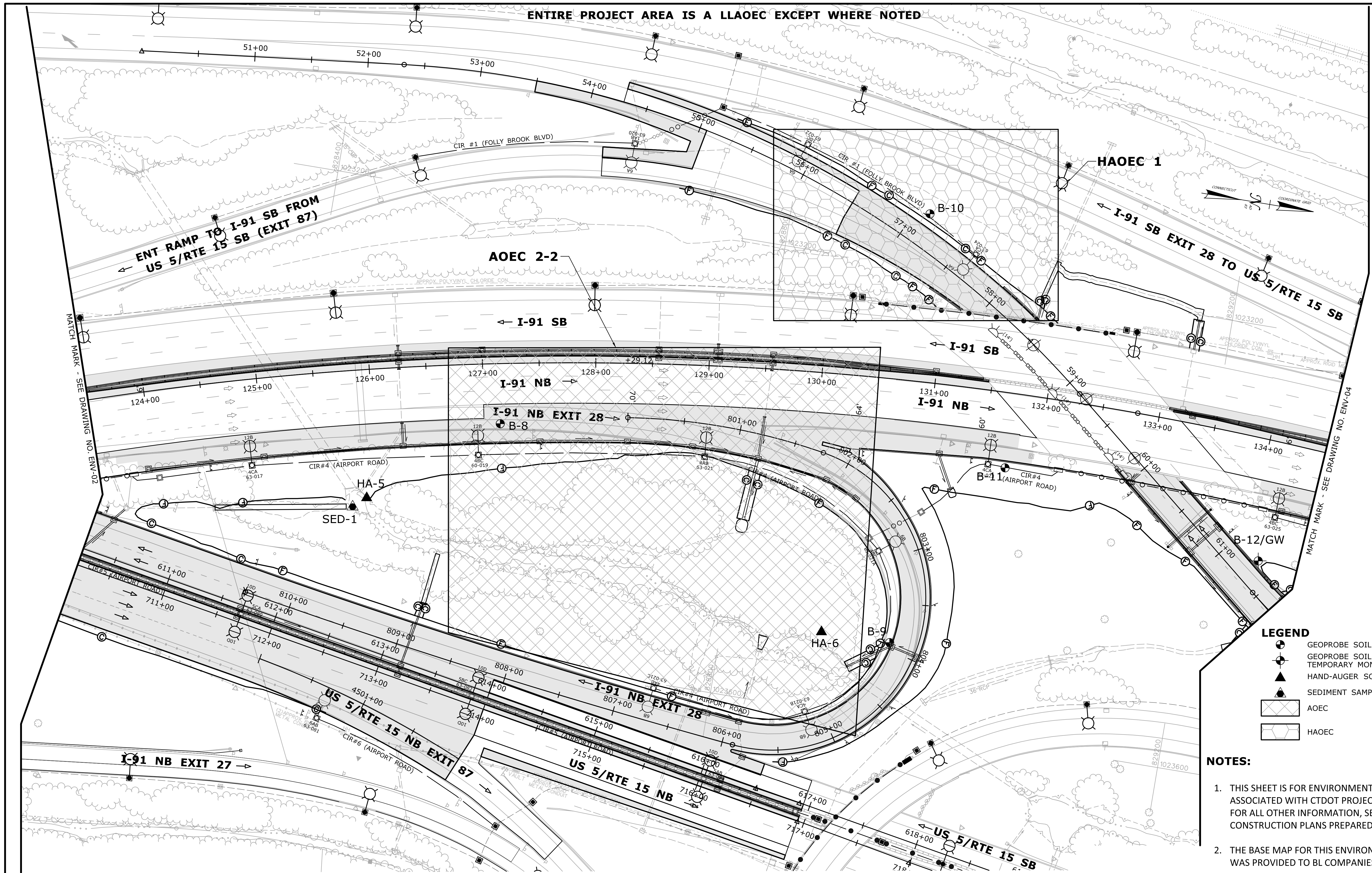

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

TOWN: **HARTFORD EAST HARTFORD**
 DRAWING TITLE: **SOIL AOEC PLANS**

PROJECT NO. **63-703**
 DRAWING NO. **ENV-02**
 SHEET NO. **13.04**

MATCH MARK - SEE DRAWING NO. ENV-03

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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Plotted Date: 7/10/2018

Filename: ...DD_MSH_ENV_63-703_03.dgn

SIGNATURE/
BLOCK:

BL COMPANIES, INC.
333 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

TOWN:
HARTFORD EAST HARTFORD

DRAWING TITLE:
SOIL AOEC PLANS

PROJECT NO.
63-703

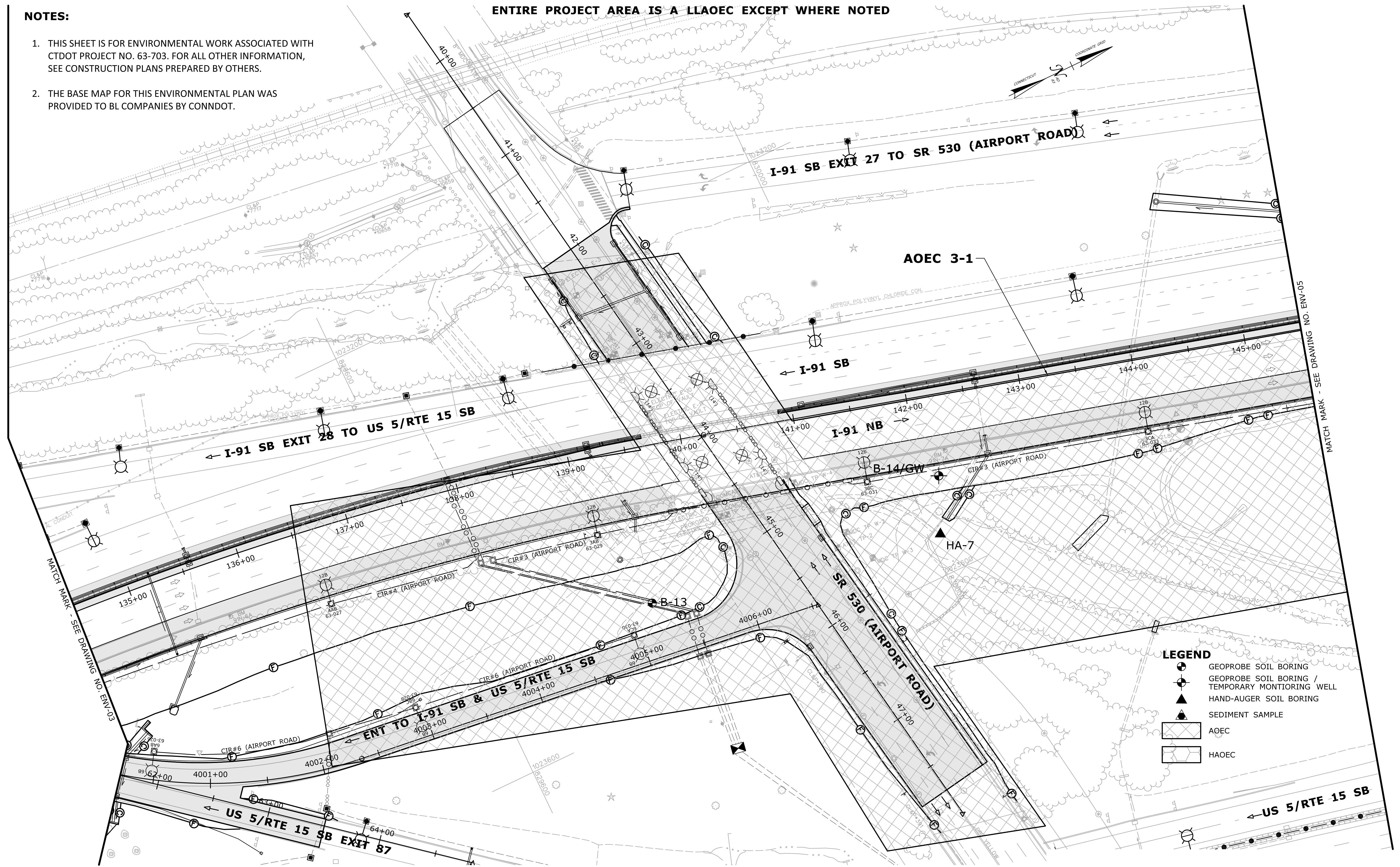
DRAWING NO.
ENV-03

SHEET NO.
13.05

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File name: ...DD_MSH_ENV_63-703_04.dgn

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BL COMPANIES, INC.
335 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
**RELOCATION OF I-91 NB
INTERCHANGE 29 AND WIDENING
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TOWN:
**HARTFORD
EAST HARTFORD**

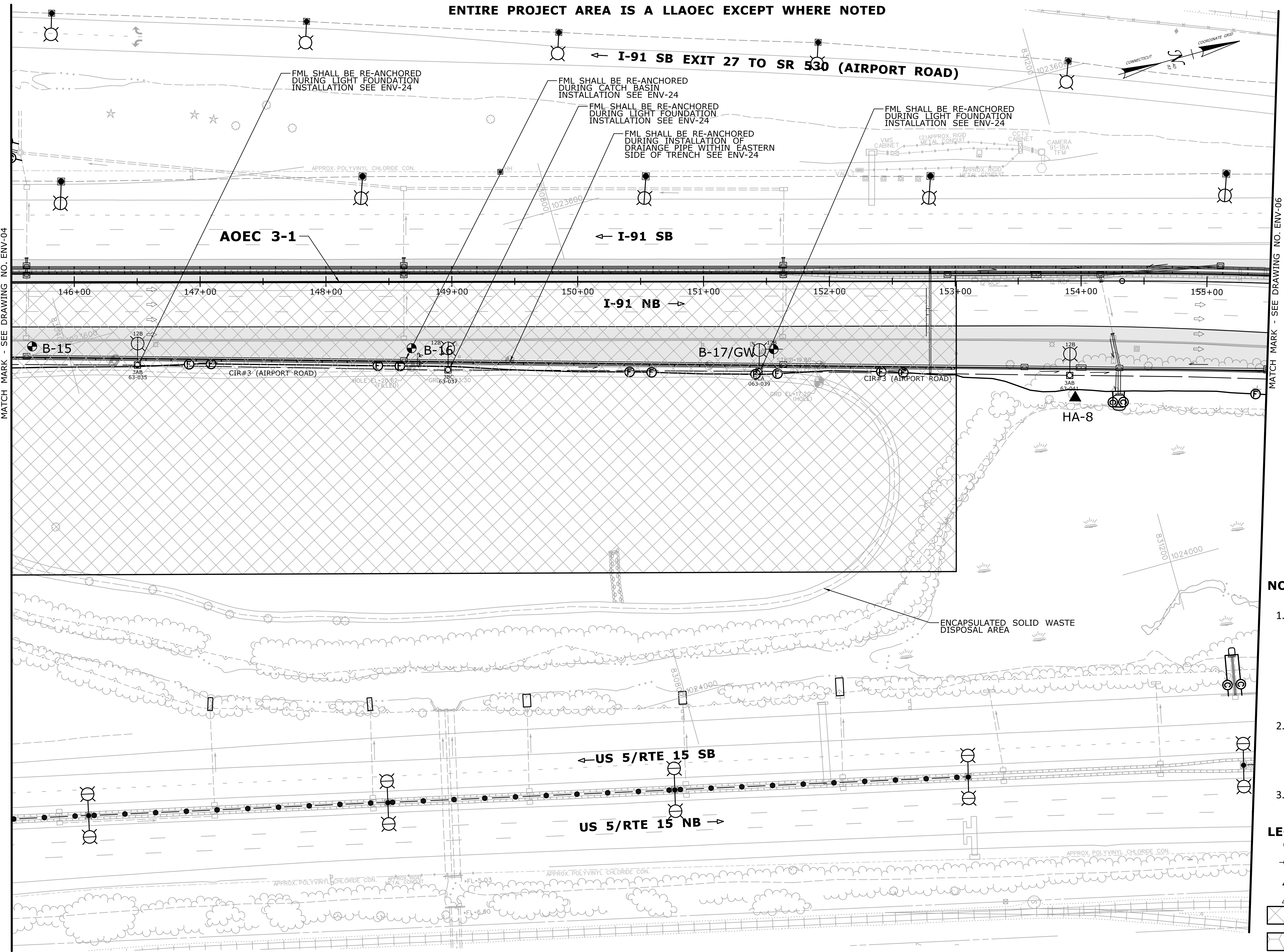
DRAWING TITLE:
**SOIL
AOEC PLANS**

PROJECT NO.
63-703

DRAWING NO.
ENV-04

SHEET NO.
13.06

ENTIRE PROJECT AREA IS A LLAOC EXCEPT WHERE NOTED



MATCH MARK - SEE DRAWING NO. ENV-04

MATCH MARK - SEE DRAWING NO. ENV-06

NOTES:

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3. FLEXIBLE MEMBRANE LINER (FML)

LEGEND

- GEOPROBE SOIL BORING
- GEOPROBE SOIL BORING / TEMPORARY MONITORING WELL
- HAND-AUGER SOIL BORING
- SEDIMENT SAMPLE
- AOEC
- HAOEC

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/10/2018

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JK/MF
SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...DD_MSH_ENV_63-703_05.dgn

SIGNATURE/BLOCK:

BL COMPANIES, INC.
335 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
**RELOCATION OF I-91 NB
INTERCHANGE 29 AND WIDENING
OF I-91 NB AND ROUTE 15 NB**

TOWN:
**HARTFORD
EAST HARTFORD**

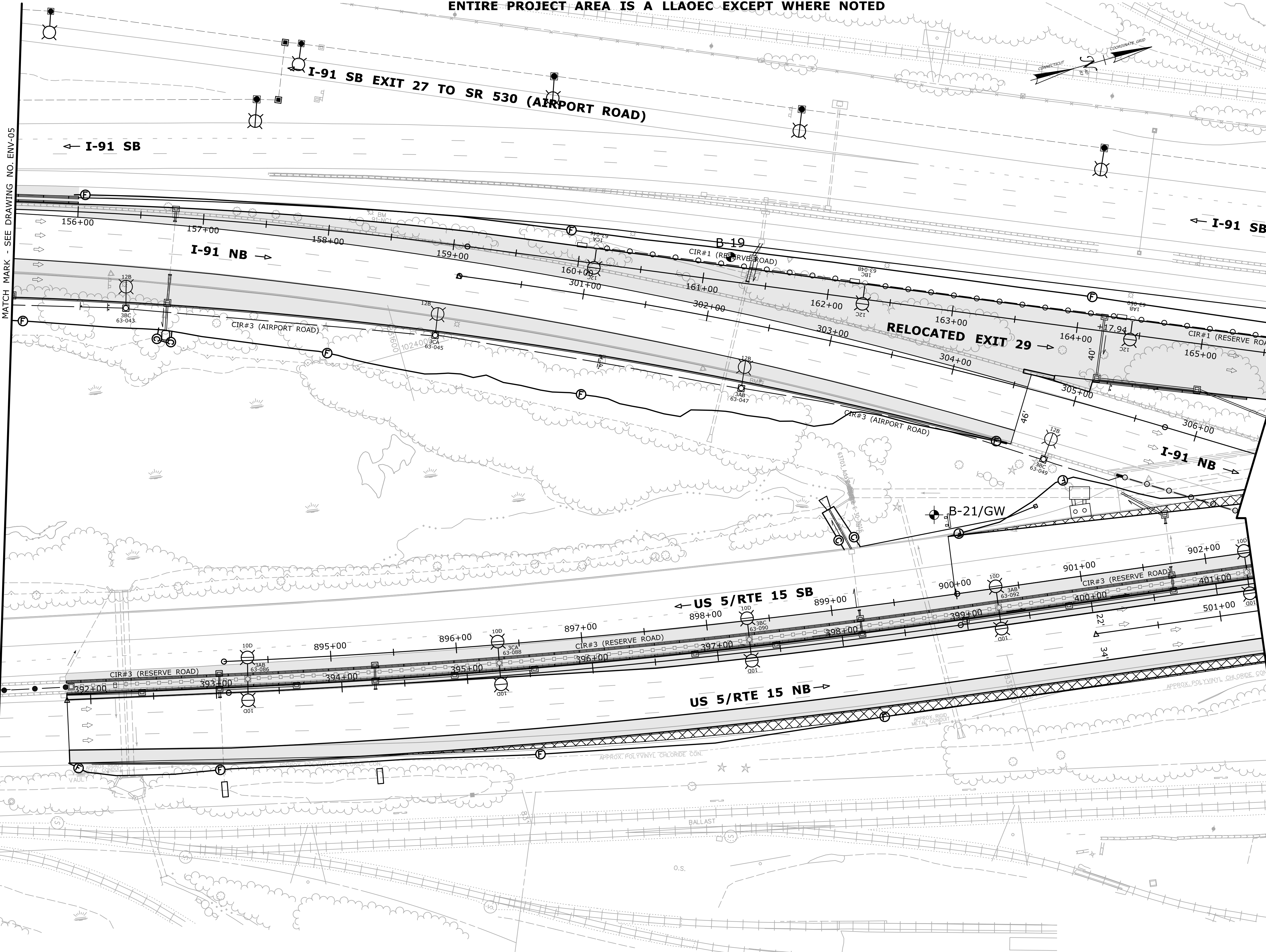
DRAWING TITLE:
**SOIL
AOEC PLANS**

PROJECT NO.
63-703

DRAWING NO.
ENV-05

SHEET NO.
13.07

ENTIRE PROJECT AREA IS A LLAOEC EXCEPT WHERE NOTED



MATCH MARK - SEE DRAWING NO. ENV-05

MATCH MARK - SEE DRAWING NO. ENV-07

- LEGEND**
- GEOPROBE SOIL BORING
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 SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Signature/Block:

PROJECT TITLE: **RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB**

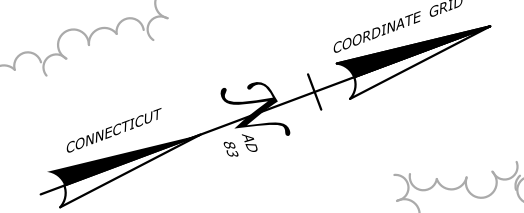
TOWN: **HARTFORD EAST HARTFORD**

DRAWING TITLE: **SOIL AOEC PLANS**

PROJECT NO. **63-703**
 DRAWING NO. **ENV-06**
 SHEET NO. **13.08**

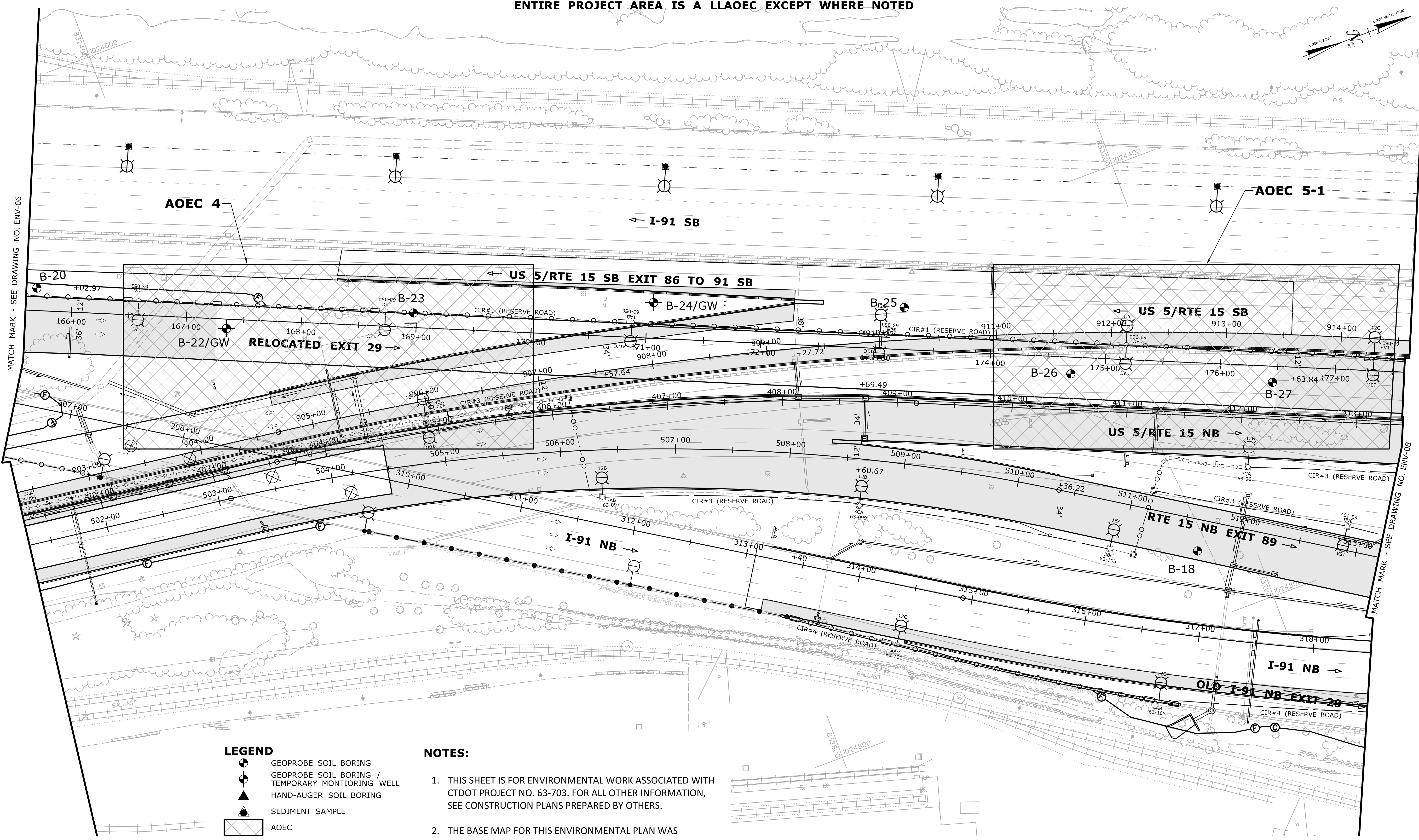
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MATCH MARK - SEE DRAWING NO. ENV-06

MATCH MARK - SEE DRAWING NO. ENV-08

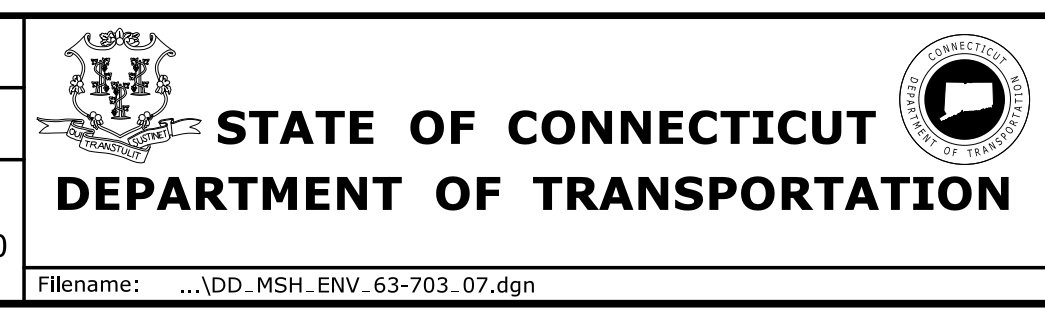


- LEGEND**
- GEOPROBE SOIL BORING
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DESIGNER/DRAFTER:
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JK/MF
SCALE IN FEET
0 40 80
SCALE 1"=40'



SIGNATURE/
BLOCK:

BL
Companies
BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
**RELOCATION OF I-91 NB
INTERCHANGE 29 AND WIDENING
OF I-91 NB AND ROUTE 15 NB**

TOWN:
**HARTFORD
EAST HARTFORD**

DRAWING TITLE:
**SOIL
AOEC PLANS**

PROJECT NO.
63-703

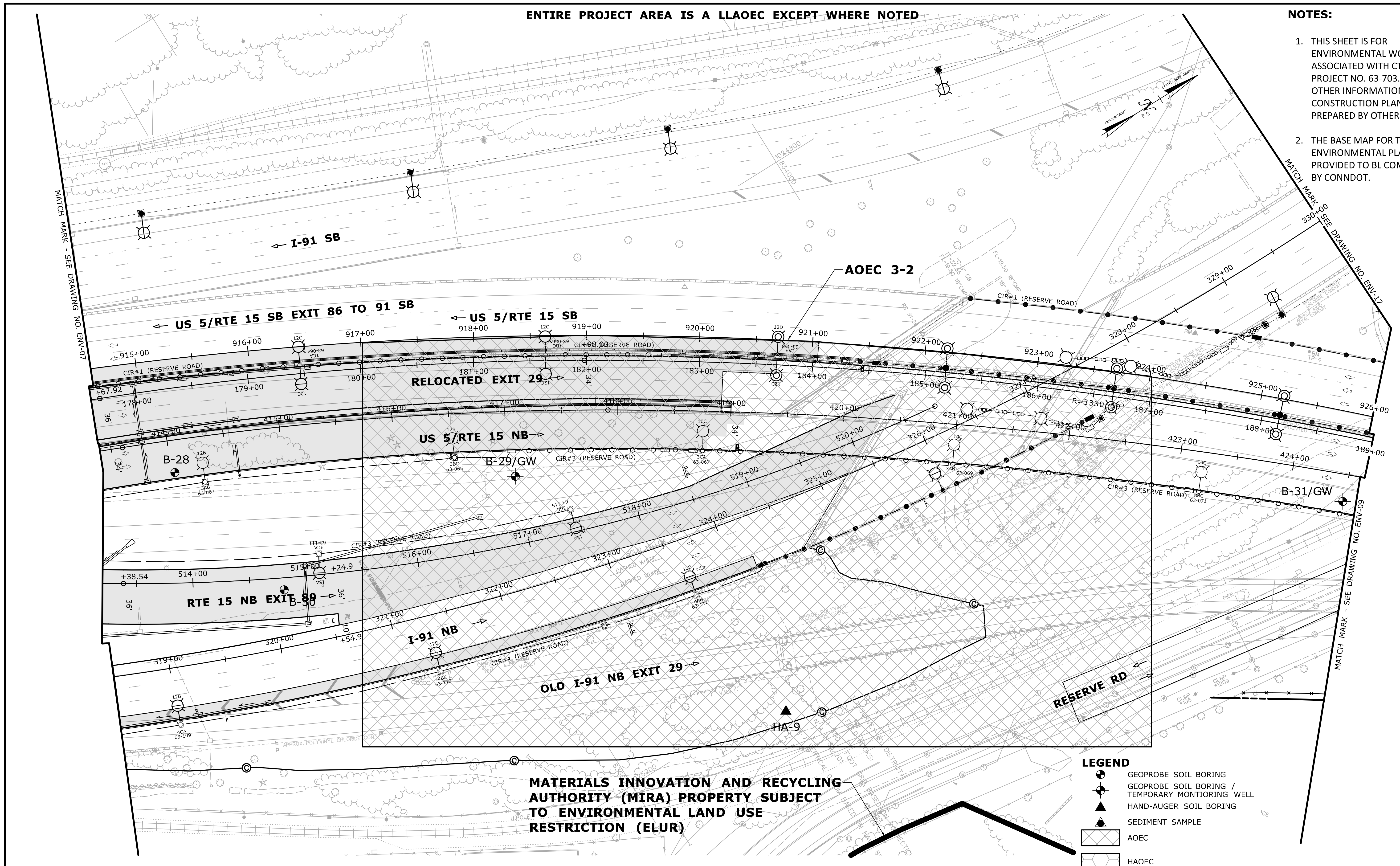
DRAWING NO.
ENV-07

SHEET NO.
13.09

ENTIRE PROJECT AREA IS A LLAOEC EXCEPT WHERE NOTED

NOTES:

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MATERIALS INNOVATION AND RECYCLING AUTHORITY (MIRA) PROPERTY SUBJECT TO ENVIRONMENTAL LAND USE RESTRICTION (ELUR)

- LEGEND**
- GEOPROBE SOIL BORING
 - GEOPROBE SOIL BORING / TEMPORARY MONITORING WELL
 - ▲ HAND-AUGER SOIL BORING
 - ▲ SEDIMENT SAMPLE
 - ▨ AOEC
 - ▧ HAOEC

REV. DATE REVISION DESCRIPTION SHEET NO. Plotted Date: 7/10/2018	DESIGNER/DRAFTER: JO CHECKED BY: JK/MF SCALE IN FEET 0 40 80 SCALE 1"=40'	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	SIGNATURE/BLOCK: BL COMPANIES, INC. 333 RESEARCH PARKWAY MERIDEN, CT 06450	PROJECT TITLE: RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB	TOWN: HARTFORD EAST HARTFORD	PROJECT NO.: 63-703 DRAWING NO.: ENV-08 SHEET NO.: 13.10
	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.		DRAWING TITLE: SOIL AOEC PLANS			

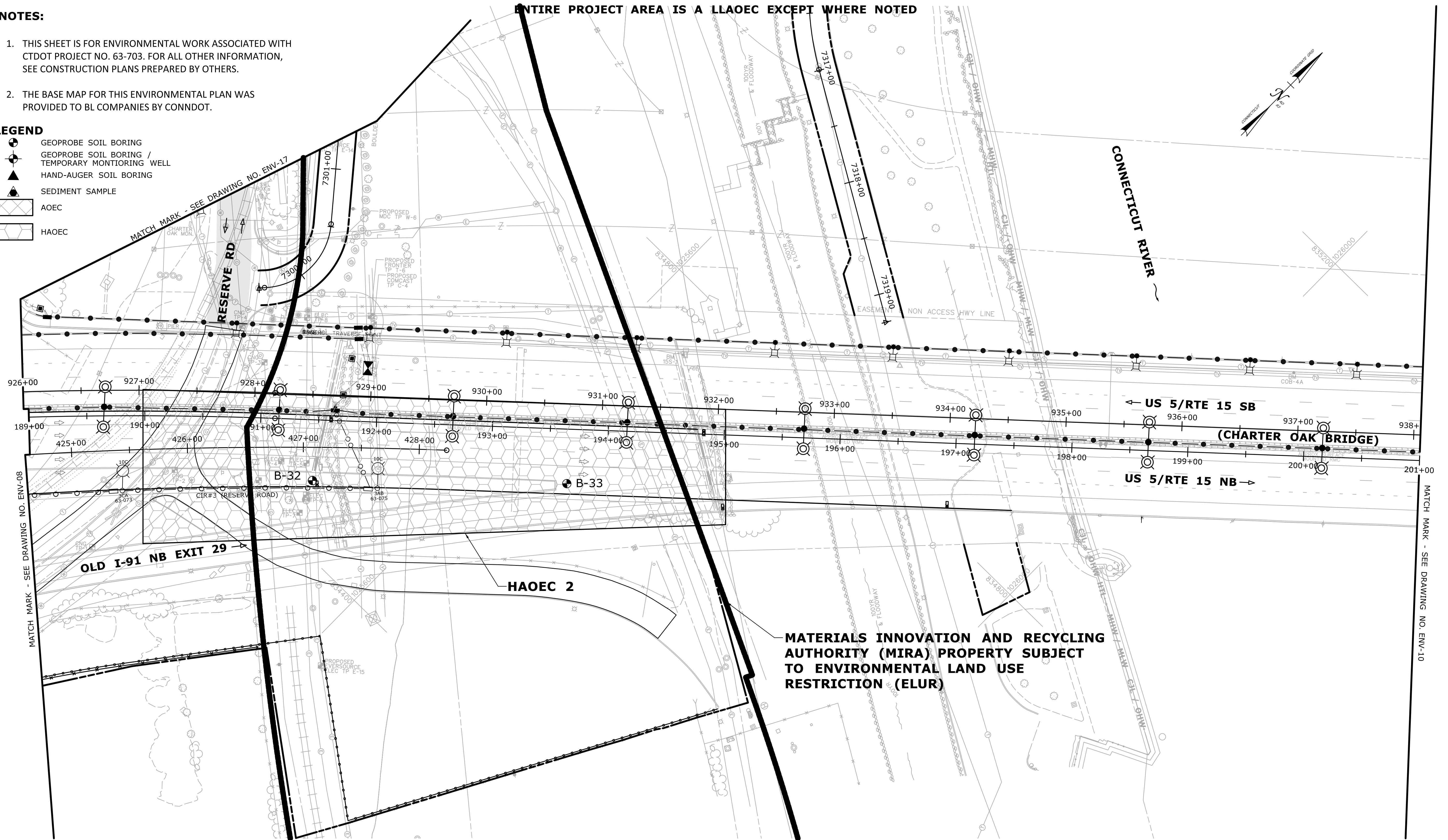
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LEGEND

- ⊕ GEOPROBE SOIL BORING
- ⊕ GEOPROBE SOIL BORING / TEMPORARY MONITORING WELL
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- ▲ SEDIMENT SAMPLE
- ▨ AOEC
- ▩ HAOEC

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JO

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JK/MF

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

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...DD_MSH_ENV_63-703_09.dgn

SIGNATURE/BLOCK:

BL COMPANIES, INC.
335 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

TOWN:
HARTFORD EAST HARTFORD

DRAWING TITLE:
SOIL AOEC PLANS

PROJECT NO.
63-703

DRAWING NO.
ENV-09

SHEET NO.
13.11

ENTIRE PROJECT AREA IS A LLAOEC EXCEPT WHERE NOTED



LEGEND

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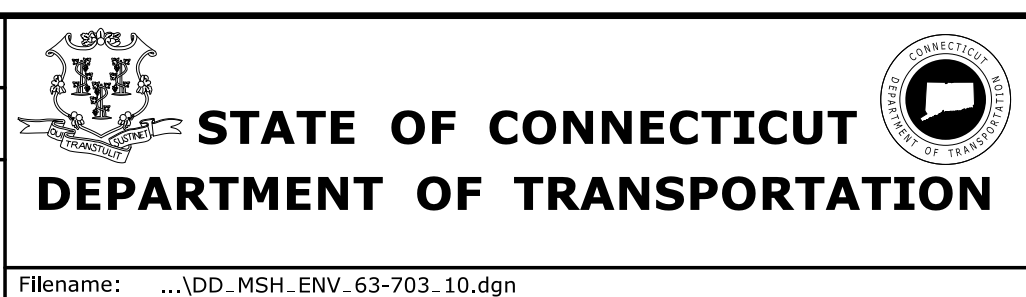
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SCALE 1"=40'



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BL COMPANIES, INC.
333 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

TOWN:
HARTFORD EAST HARTFORD

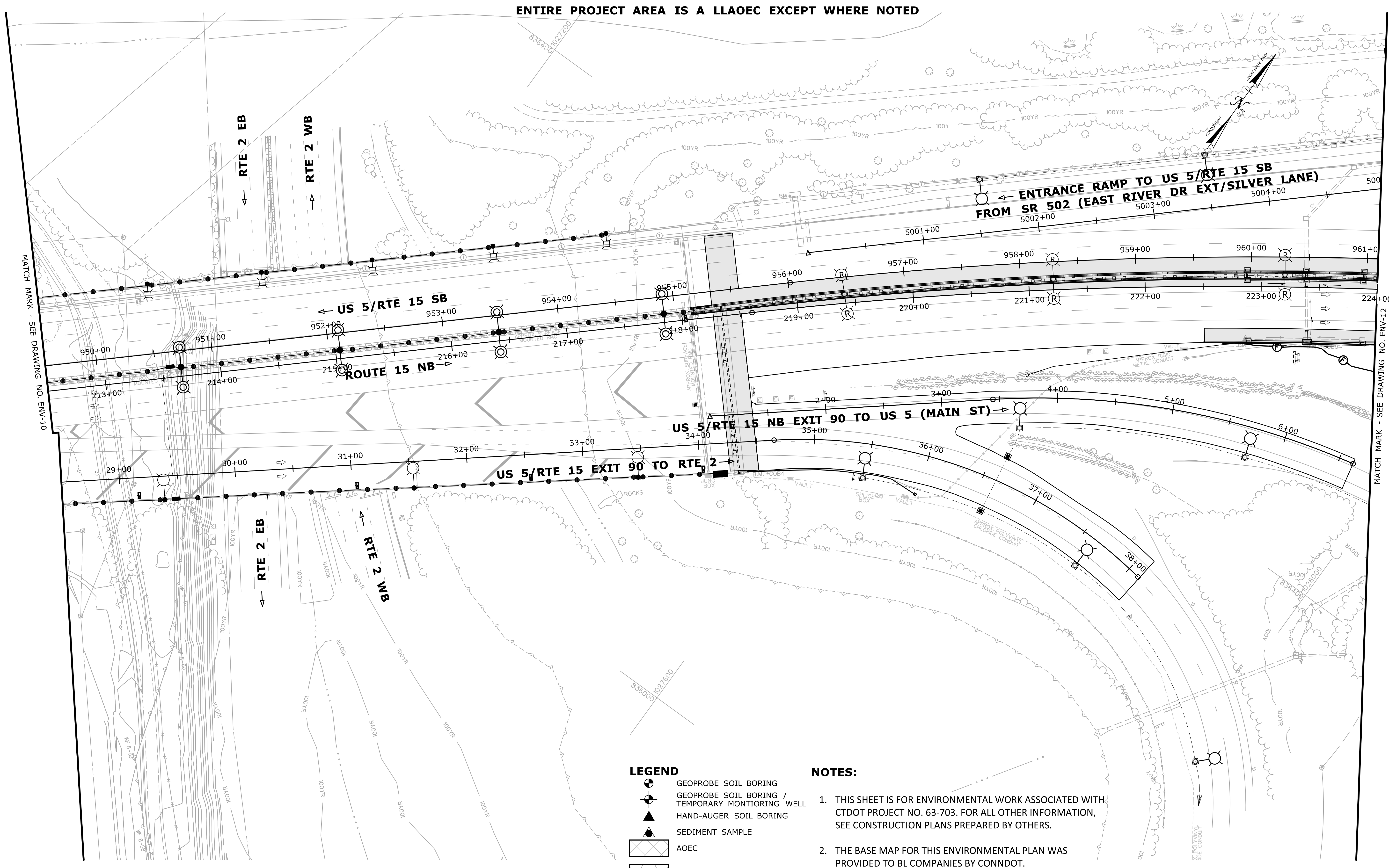
DRAWING TITLE:
SOIL AOEC PLANS

PROJECT NO.
63-703

DRAWING NO.
ENV-10

SHEET NO.
13.12

ENTIRE PROJECT AREA IS A LLAOEC EXCEPT WHERE NOTED



- LEGEND**
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STATE OF CONNECTICUT
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Filename: ...DD_MSH_ENV_63-703_11.dgn

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BLOCK:

BL COMPANIES, INC.
335 RESEARCH PARKWAY
MERIDEN, CT 06450

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**RELOCATION OF I-91 NB
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TOWN:
**HARTFORD
EAST HARTFORD**

DRAWING TITLE:
**SOIL
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PROJECT NO.
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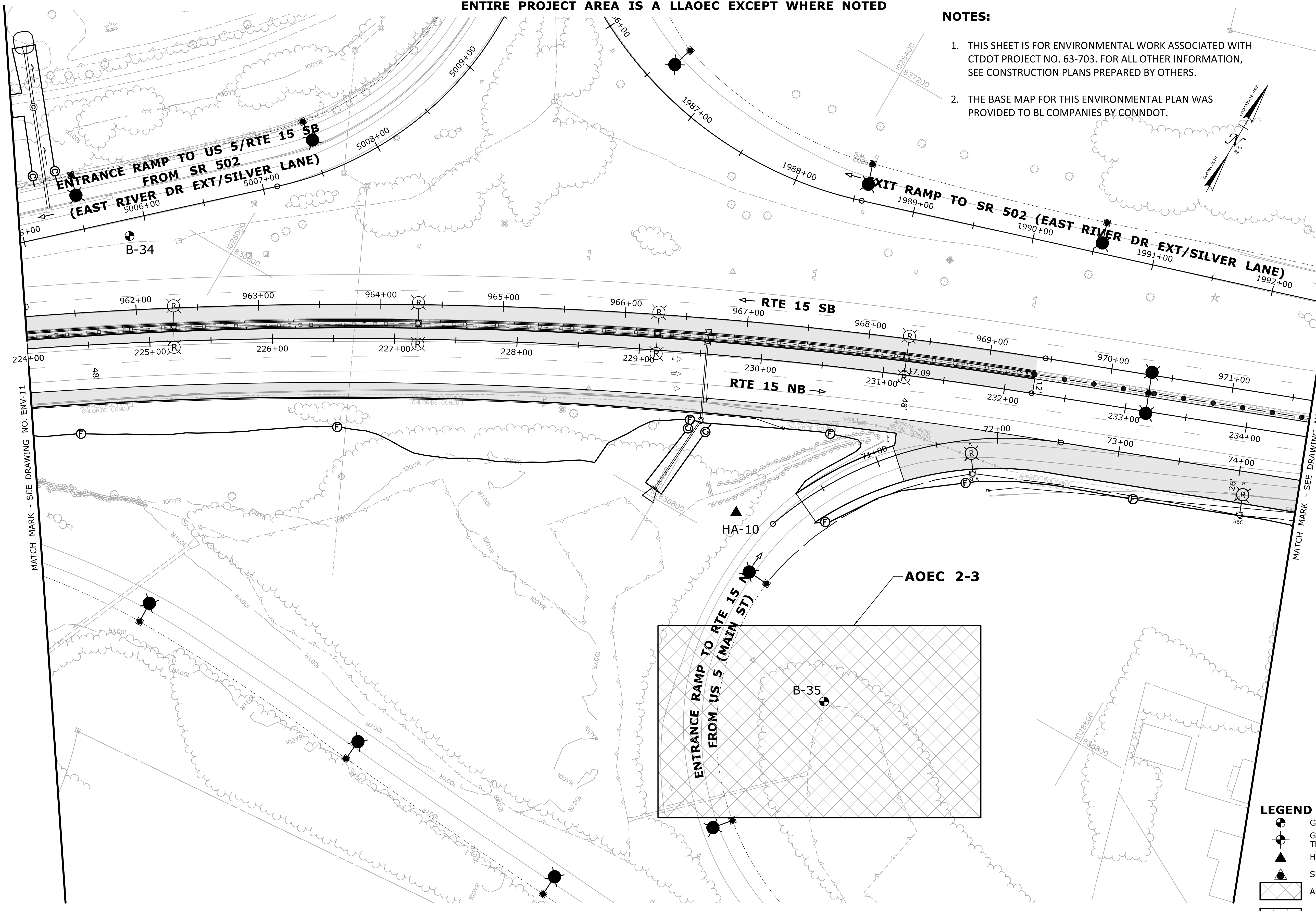
DRAWING NO.
ENV-11

SHEET NO.
13.13

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LEGEND

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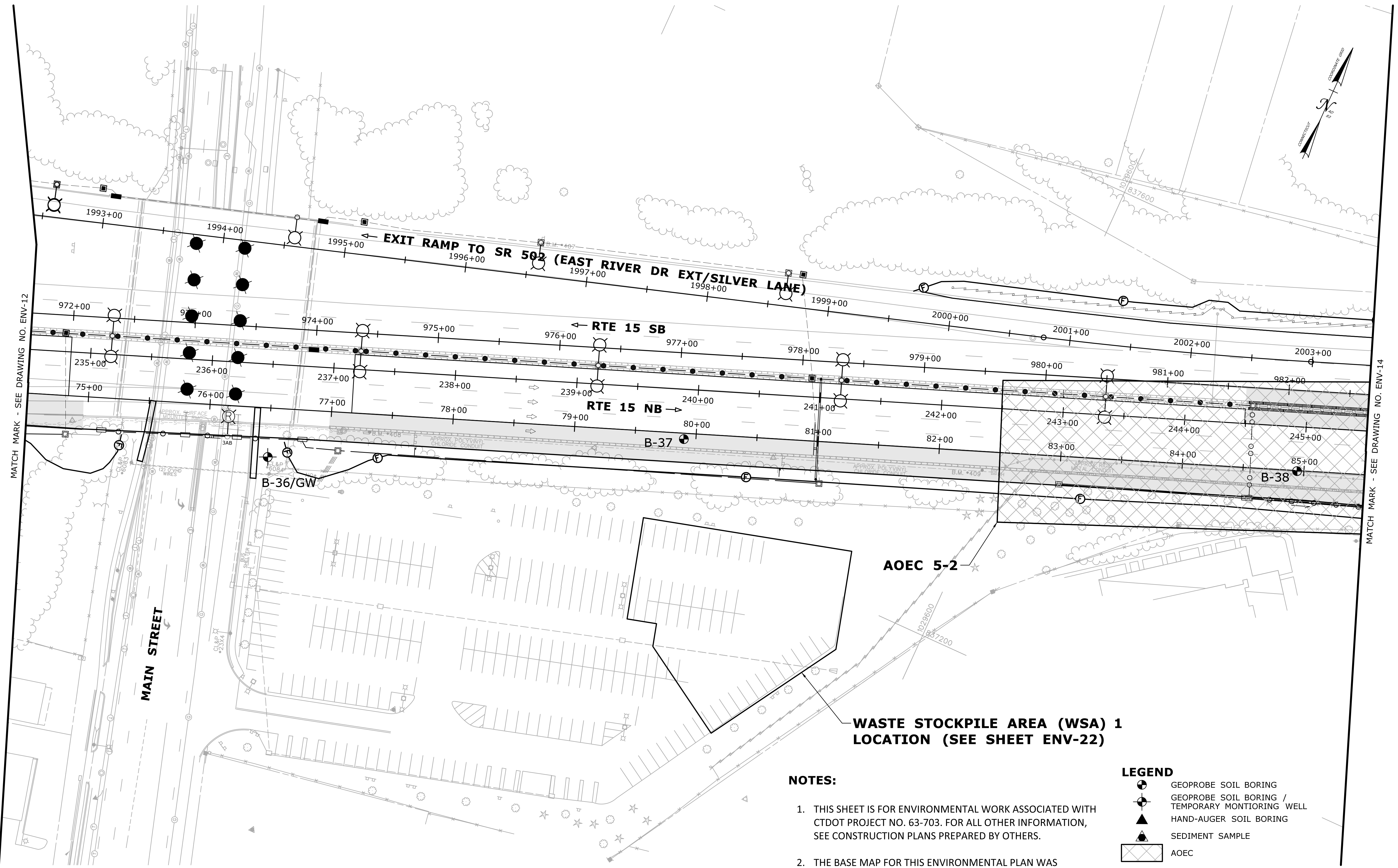
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PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

TOWN: **HARTFORD EAST HARTFORD**
 DRAWING TITLE: **SOIL AOEC PLANS**

PROJECT NO. **63-703**
 DRAWING NO. **ENV-12**
 SHEET NO. **13.14**

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333 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
**RELOCATION OF I-91 NB
INTERCHANGE 29 AND WIDENING
OF I-91 NB AND ROUTE 15 NB**

TOWN:
**HARTFORD
EAST HARTFORD**

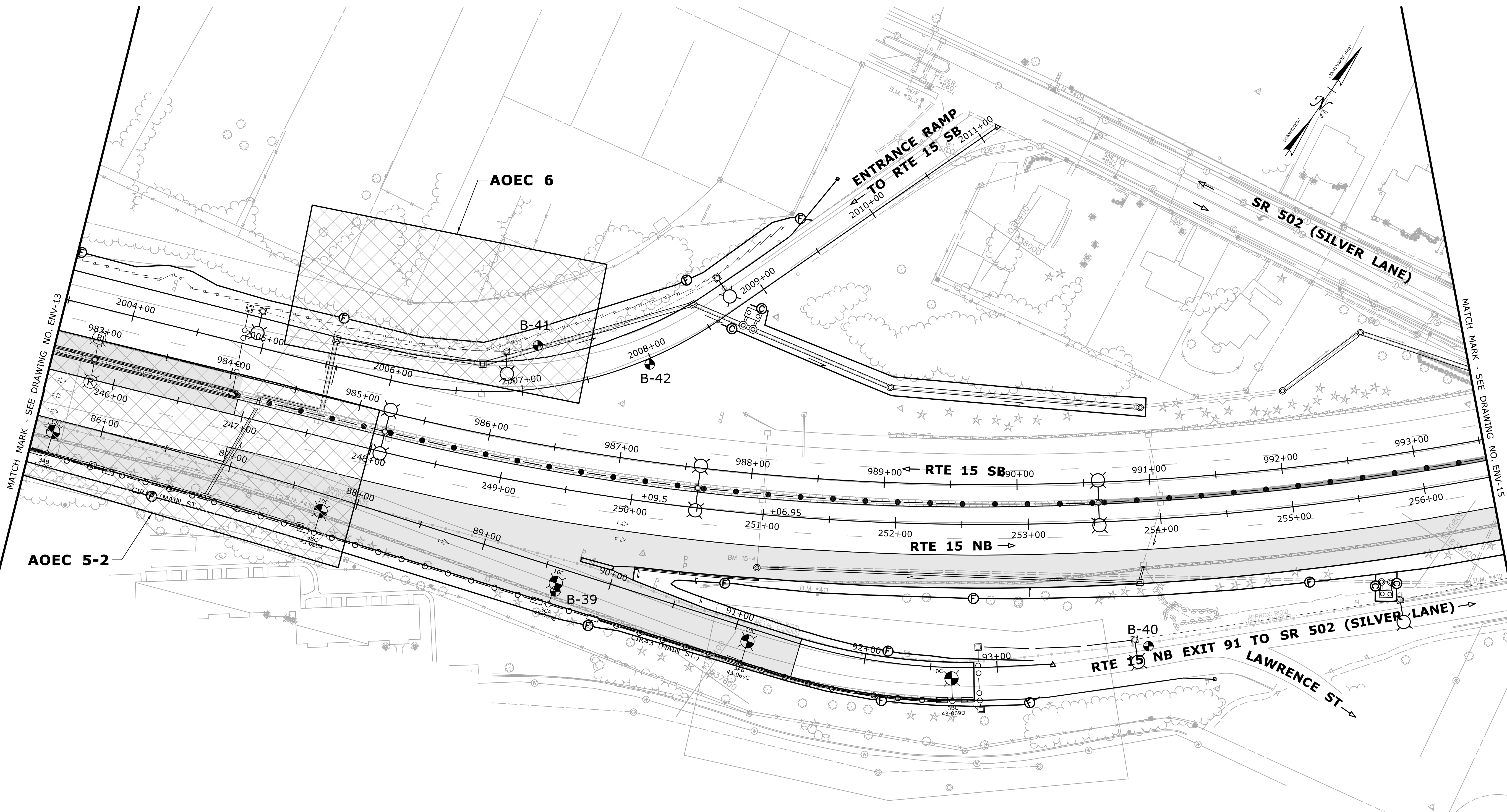
DRAWING TITLE:
**SOIL
AOEC PLANS**

PROJECT NO.
63-703

DRAWING NO.
ENV-13

SHEET NO.
13.15

ENTIRE PROJECT AREA IS A LLAOEC EXCEPT WHERE NOTED



LEGEND

- GEOPROBE SOIL BORING
- GEOPROBE SOIL BORING / TEMPORARY MONITORING WELL
- HAND-AUGER SOIL BORING
- SEDIMENT SAMPLE
- AOEC
- HAOEC

NOTES:

1. THIS SHEET IS FOR ENVIRONMENTAL WORK ASSOCIATED WITH CTDOT PROJECT NO. 63-703. FOR ALL OTHER INFORMATION, SEE CONSTRUCTION PLANS PREPARED BY OTHERS.
2. THE BASE MAP FOR THIS ENVIRONMENTAL PLAN WAS PROVIDED TO BL COMPANIES BY CONNDOT.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

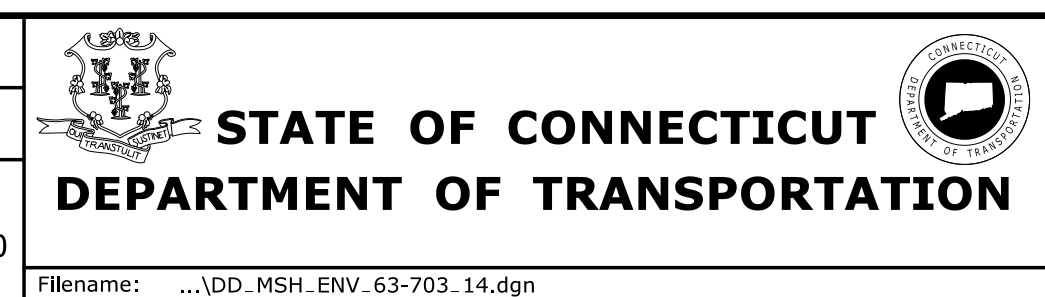
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 7/10/2018

DESIGNER/DRAFTER:
JO

CHECKED BY:
JK/MF

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



SIGNATURE/
BLOCK:

BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

TOWN:
HARTFORD EAST HARTFORD

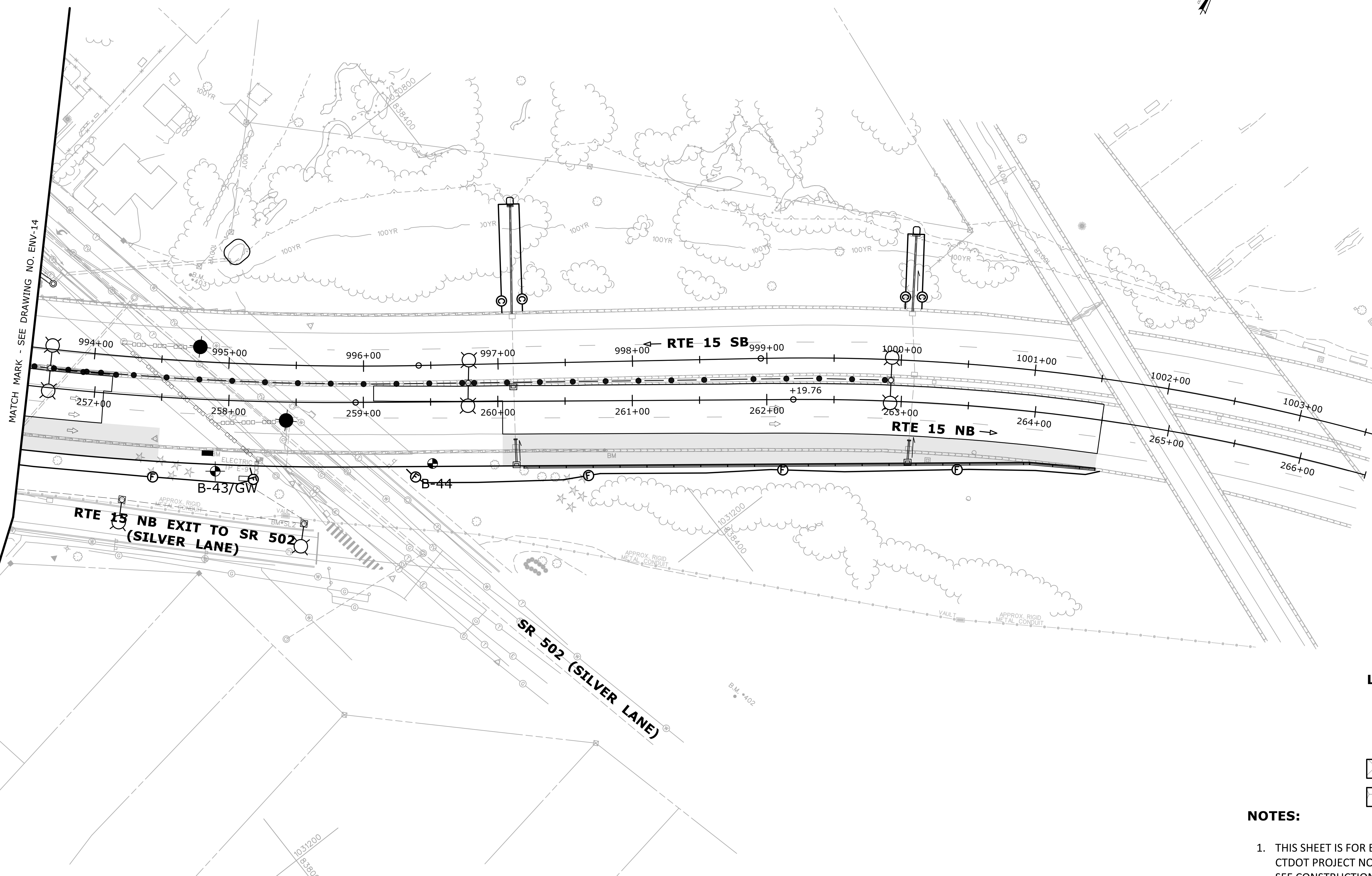
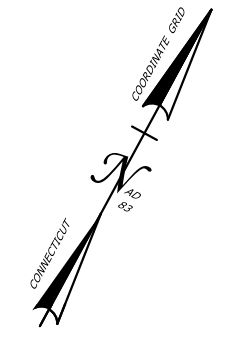
DRAWING TITLE:
SOIL AOEC PLANS

PROJECT NO.
63-703

DRAWING NO.
ENV-14

SHEET NO.
13.16

ENTIRE PROJECT AREA IS A LLAOEC EXCEPT WHERE NOTED



- LEGEND**
- GEOPROBE SOIL BORING
 - GEOPROBE SOIL BORING / TEMPORARY MONITORING WELL
 - HAND-AUGER SOIL BORING
 - SEDIMENT SAMPLE
 - AOEC
 - HAOEC

- NOTES:**
- THIS SHEET IS FOR ENVIRONMENTAL WORK ASSOCIATED WITH CTDOT PROJECT NO. 63-703. FOR ALL OTHER INFORMATION, SEE CONSTRUCTION PLANS PREPARED BY OTHERS.
 - THE BASE MAP FOR THIS ENVIRONMENTAL PLAN WAS PROVIDED TO BL COMPANIES BY CONNDOT.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

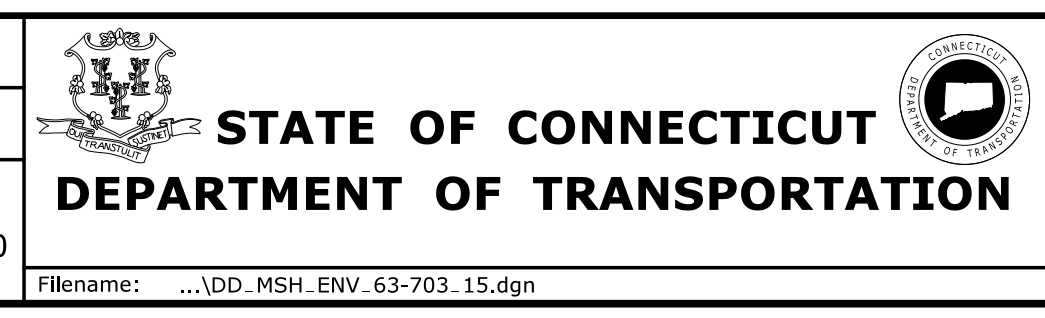
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 7/10/2018

DESIGNER/DRAFTER:
JO

CHECKED BY:
JK/MF

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



PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

TOWN:
**HARTFORD
EAST HARTFORD**

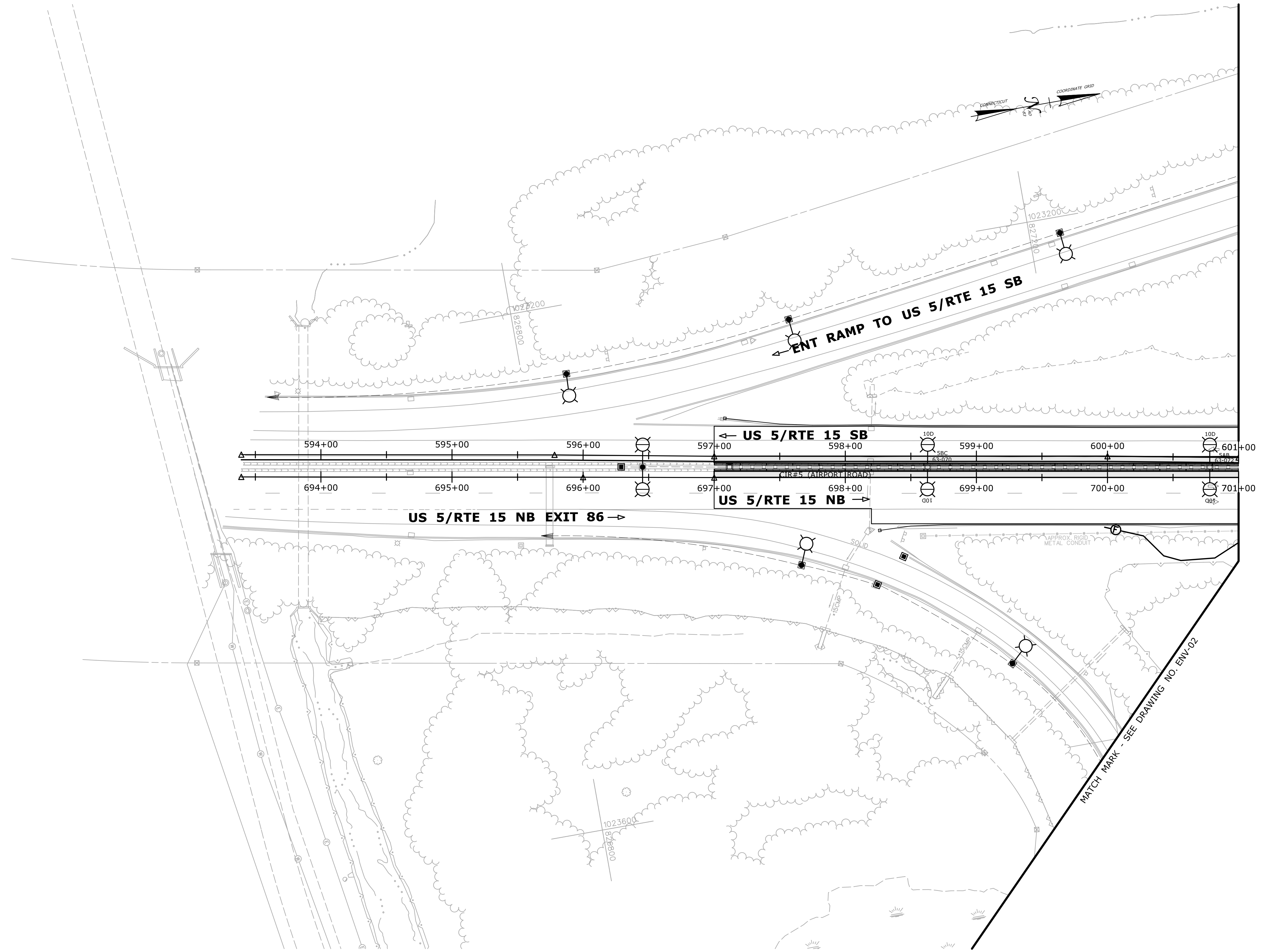
DRAWING TITLE:
**SOIL
AOEC PLANS**

PROJECT NO.
63-703

DRAWING NO.
ENV-15

SHEET NO.
13.17

ENTIRE PROJECT AREA IS A LLAOC EXCEPT WHERE NOTED



NOTES:

1. THIS SHEET IS FOR ENVIRONMENTAL WORK ASSOCIATED WITH CTDOT PROJECT NO. 63-703. FOR ALL OTHER INFORMATION, SEE CONSTRUCTION PLANS PREPARED BY OTHERS.
2. THE BASE MAP FOR THIS ENVIRONMENTAL PLAN WAS PROVIDED TO BL COMPANIES BY CONNDOT.

LEGEND

- GEOPROBE SOIL BORING
- GEOPROBE SOIL BORING / TEMPORARY MONITORING WELL
- HAND-AUGER SOIL BORING
- SEDIMENT SAMPLE
- AOEC
- HAOEC

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 7/10/2018

DESIGNER/DRAFTER:
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CHECKED BY:
JK/MF

SCALE IN FEET
0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...DD_MSH_ENV_63-703_16.dgn

SIGNATURE/
BLOCK:

BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

TOWN:
HARTFORD EAST HARTFORD

DRAWING TITLE:
SOIL AOEC PLANS

PROJECT NO.
63-703

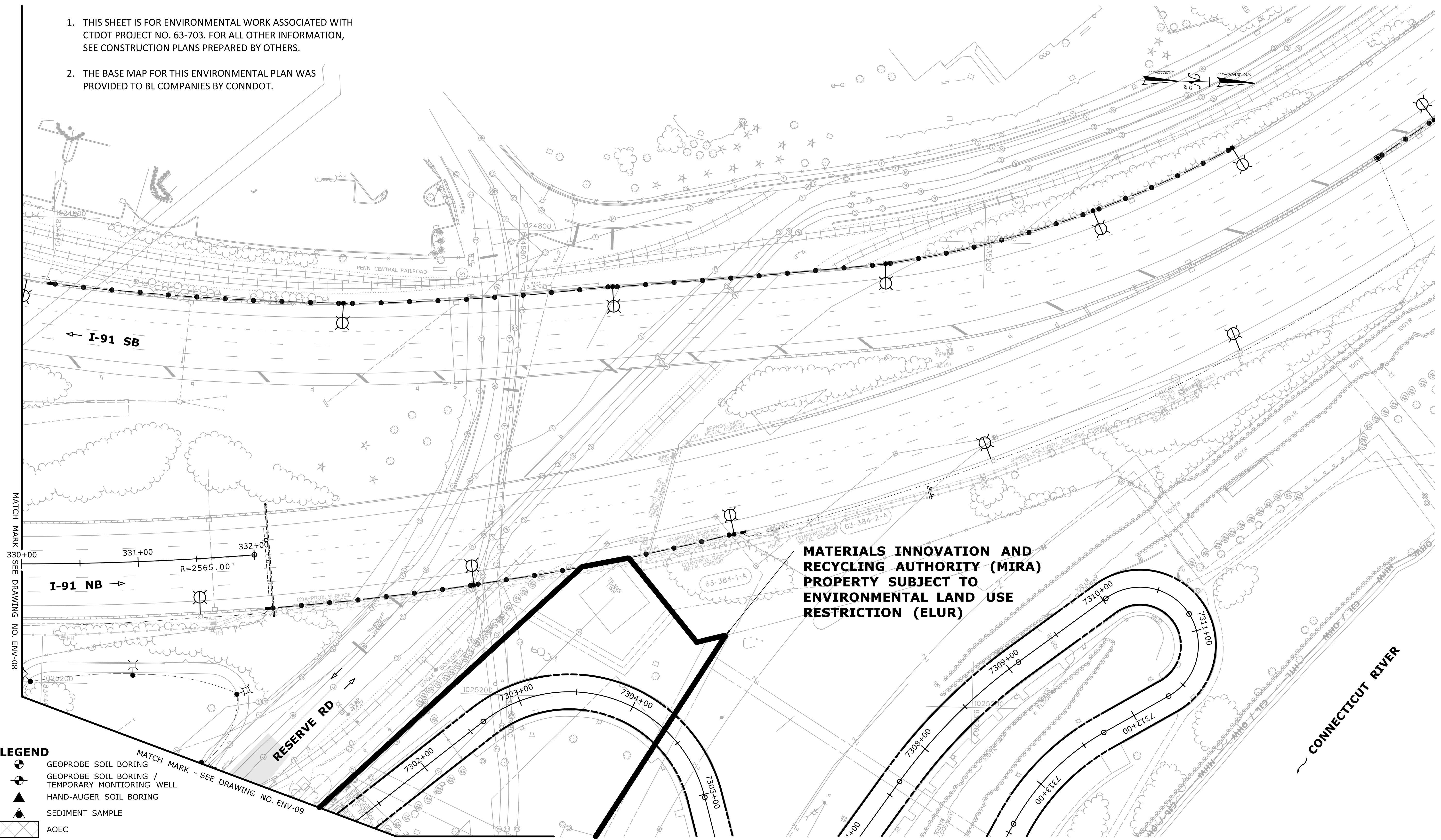
DRAWING NO.
ENV-16

SHEET NO.
13.18

ENTIRE PROJECT AREA IS A LLAOEC EXCEPT WHERE NOTED

NOTES:

1. THIS SHEET IS FOR ENVIRONMENTAL WORK ASSOCIATED WITH CTDOT PROJECT NO. 63-703. FOR ALL OTHER INFORMATION, SEE CONSTRUCTION PLANS PREPARED BY OTHERS.
2. THE BASE MAP FOR THIS ENVIRONMENTAL PLAN WAS PROVIDED TO BL COMPANIES BY CONNDOT.



- LEGEND**
- GEOPROBE SOIL BORING
 - GEOPROBE SOIL BORING / TEMPORARY MONITORING WELL
 - HAND-AUGER SOIL BORING
 - SEDIMENT SAMPLE
 - AOEC
 - HAOEC

MATERIALS INNOVATION AND RECYCLING AUTHORITY (MIRA) PROPERTY SUBJECT TO ENVIRONMENTAL LAND USE RESTRICTION (ELUR)

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

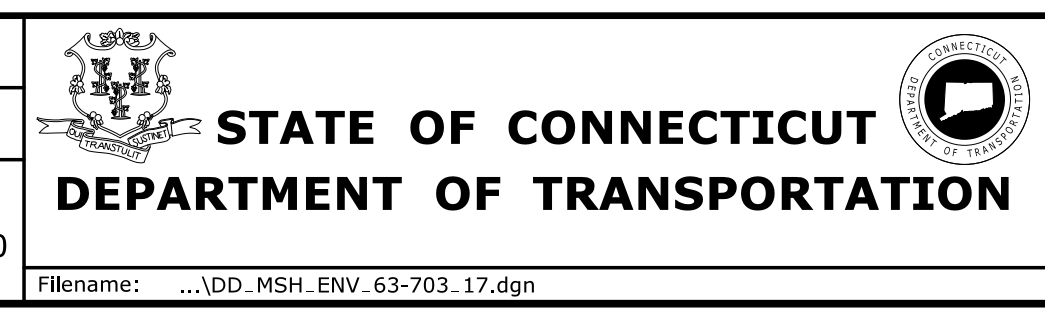
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 7/10/2018

DESIGNER/DRAFTER:
JO

CHECKED BY:
JK/MF

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



SIGNATURE/BLOCK:

BL COMPANIES, INC.
333 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

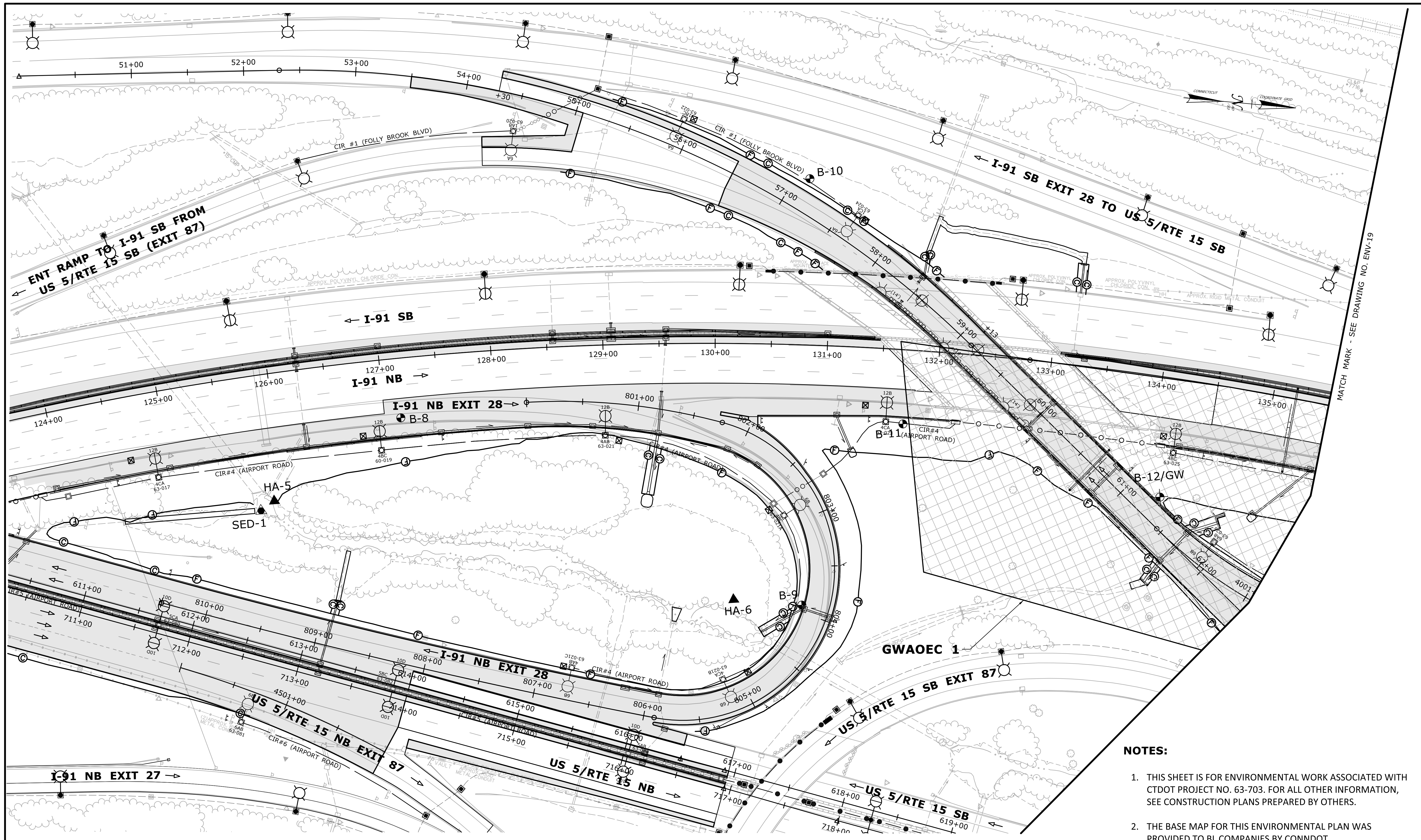
TOWN:
HARTFORD EAST HARTFORD

DRAWING TITLE:
SOIL AOEC PLANS

PROJECT NO.
63-703

DRAWING NO.
ENV-17

SHEET NO.
13.19




MATCH MARK - SEE DRAWING NO. ENV-19

- NOTES:**
1. THIS SHEET IS FOR ENVIRONMENTAL WORK ASSOCIATED WITH CTDOT PROJECT NO. 63-703. FOR ALL OTHER INFORMATION, SEE CONSTRUCTION PLANS PREPARED BY OTHERS.
 2. THE BASE MAP FOR THIS ENVIRONMENTAL PLAN WAS PROVIDED TO BL COMPANIES BY CONNDOT.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/10/2018

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


STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK:


 BL COMPANIES, INC.
 333 RESEARCH PARKWAY
 MERIDEN, CT 06450

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

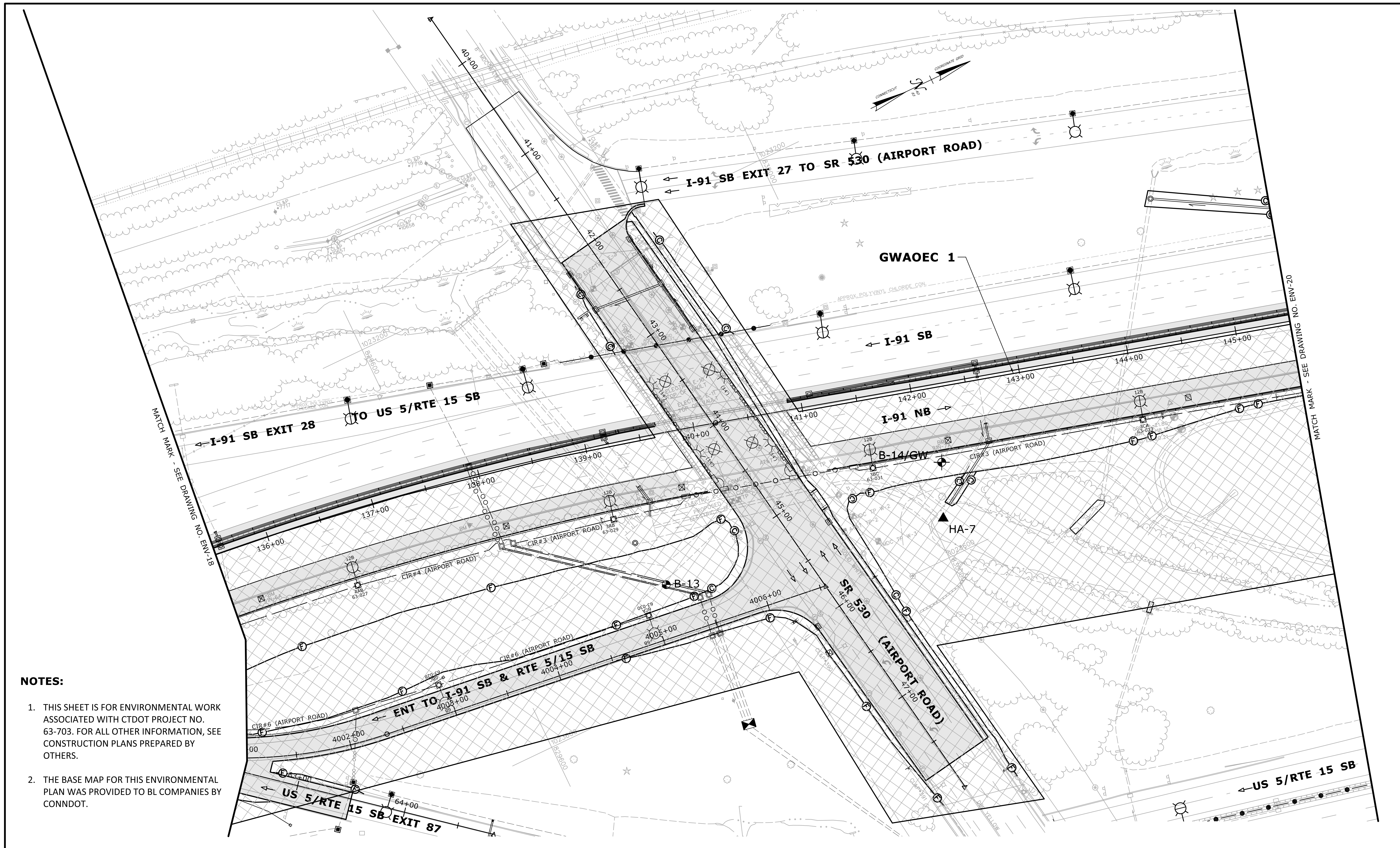
TOWN:
HARTFORD EAST HARTFORD

DRAWING TITLE:
GROUNDWATER AOEC PLANS

PROJECT NO.
63-703

DRAWING NO.
ENV-18

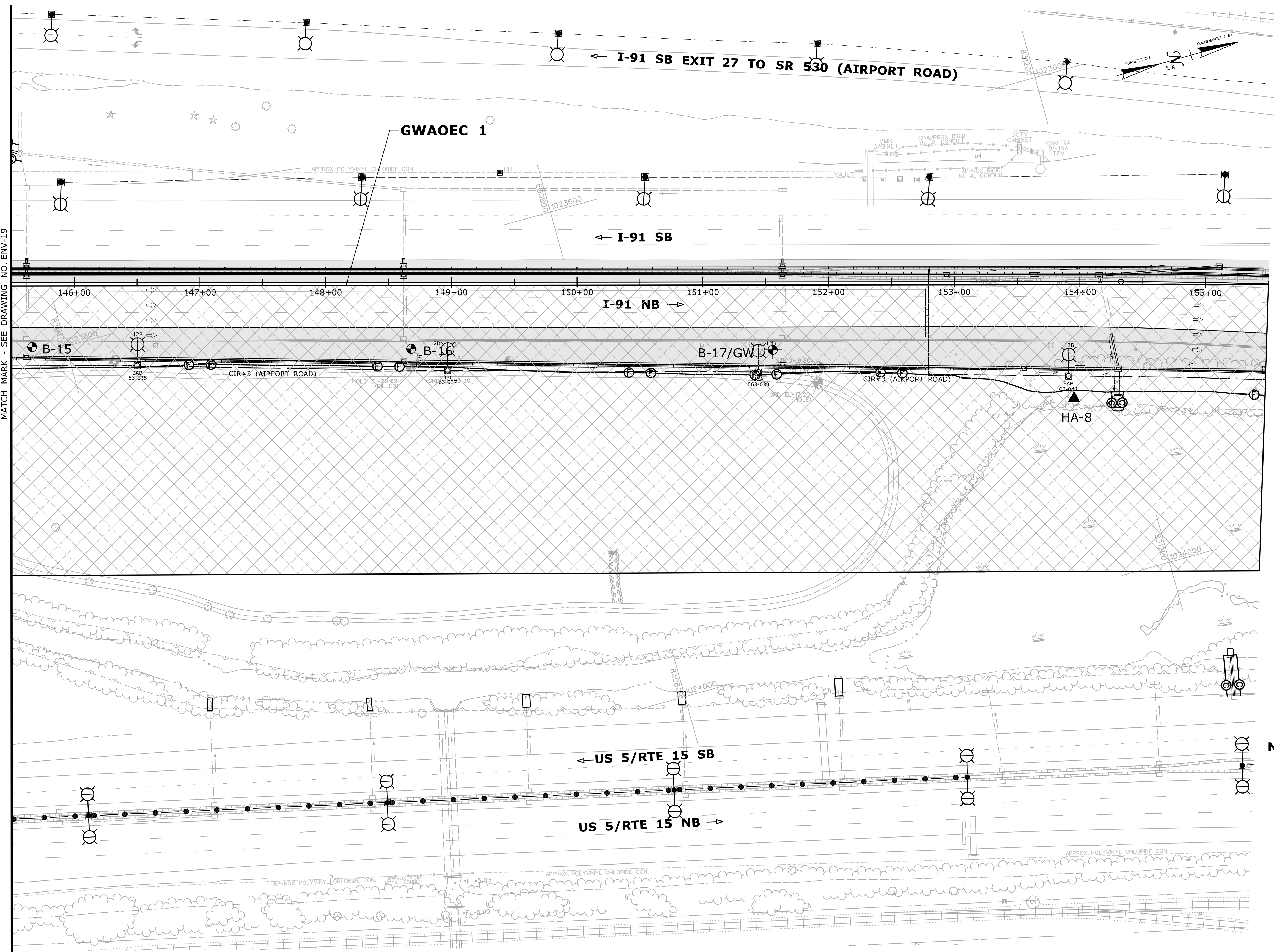
SHEET NO.
13.20



- NOTES:**
1. THIS SHEET IS FOR ENVIRONMENTAL WORK ASSOCIATED WITH CTDOT PROJECT NO. 63-703. FOR ALL OTHER INFORMATION, SEE CONSTRUCTION PLANS PREPARED BY OTHERS.
 2. THE BASE MAP FOR THIS ENVIRONMENTAL PLAN WAS PROVIDED TO BL COMPANIES BY CONNDOT.

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.		DESIGNER/DRAFTER: JO CHECKED BY: JK/MF SCALE IN FEET 0 40 80 SCALE 1"=40'	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION File name: ...DD_MSH_ENV_63-703_19.dgn	SIGNATURE/BLOCK: BL COMPANIES, INC. 335 RESEARCH PARKWAY MERIDEN, CT 06450	PROJECT TITLE: RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB	TOWN: HARTFORD EAST HARTFORD DRAWING TITLE: GROUNDWATER AOC PLANS	PROJECT NO. 63-703 DRAWING NO. ENV-19 SHEET NO. 13.21	
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/10/2018				

MATCH MARK - SEE DRAWING NO. ENV-19

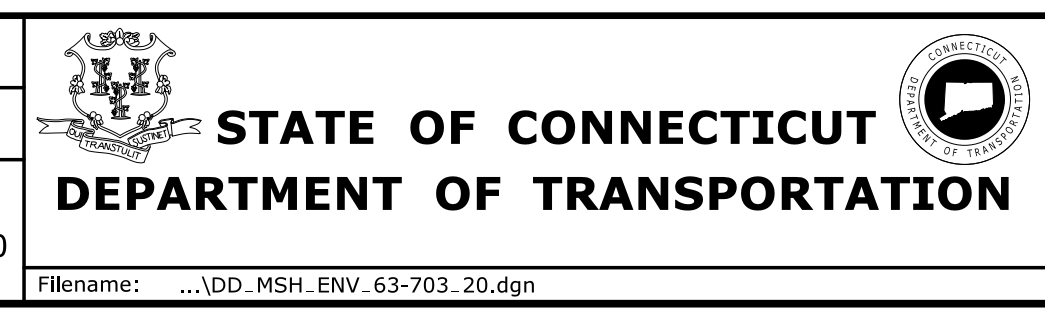


NOTES:

1. THIS SHEET IS FOR ENVIRONMENTAL WORK ASSOCIATED WITH CTDOT PROJECT NO. 63-703. FOR ALL OTHER INFORMATION, SEE CONSTRUCTION PLANS PREPARED BY OTHERS.
2. THE BASE MAP FOR THIS ENVIRONMENTAL PLAN WAS PROVIDED TO BL COMPANIES BY CONNDOT.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/10/2018

DESIGNER/DRAFTER:
JO
CHECKED BY:
JK/MF
SCALE IN FEET
0 40 80
SCALE 1"=40'



SIGNATURE/
BLOCK:

BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
**RELOCATION OF I-91 NB
INTERCHANGE 29 AND WIDENING
OF I-91 NB AND ROUTE 15 NB**

TOWN:
**HARTFORD
EAST HARTFORD**
DRAWING TITLE:
**GROUNDWATER
AOEC PLANS**

PROJECT NO.
63-703
DRAWING NO.
ENV-20
SHEET NO.
13.22

Filename: ...DD_MSH_ENV_63-703_20.dgn

NOTES:

1. THE BASE MAP FOR THIS ENVIRONMENTAL PLAN WAS OBTAINED FROM THE UCONN CONNECTICUT ENVIRONMENTAL CONDITIONS ONLINE DATABASE.
2. THIS SHEET IS FOR ENVIRONMENTAL WORK ASSOCIATED WITH STATE PROJECT NO. 63-703. FOR ALL OTHER INFORMATION, SEE OTHER SHEETS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION, MAINTENANCE AND REMOVAL OF ALL COMPONENTS OF WSA DURING WSA OPERATIONS.
4. POLYETHYLENE STOCKPILE COVER SHALL REMAIN IN PLACE AT ALL TIMES OTHER THAN DURING LOAD-IN OR LOAD-OUT OPERATIONS.
5. ALL LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE WITH ALL ASSOCIATED UTILITY COMPANIES/AGENCIES REGARDING MEASURES TO PROTECT ALL OF THEIR EXISTING FACILITIES FROM DAMAGE DURING CONSTRUCTION AND OPERATION OF THE WSA. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AND TO THE SATISFACTION OF THE GOVERNING UTILITY AT NO ADDITIONAL EXPENSE TO THE STATE.
6. LEAKOFFS SHALL BE INSTALLED AT LOCATIONS TO ALLOW STORMWATER TO ESCAPE PRIOR TO STORAGE OF CONTROLLED MATERIAL. THESE LEAKOFFS SHALL BE BREAKS IN THE RUNOFF CONTROL BARRIERS, AS INDICATED. THESE LEAKOFF AREAS SHALL BE BLOCKED WITH HAY BALES PLACED ON THE SURFACE OF THE PAVEMENT PAD WHEN THE STOCKPILE IS ACTIVE.
7. LOCATIONS OF CONSTRUCTION ENTRANCE AND ANTI-TRACKING PAD TO BE DETERMINED BY THE ENGINEER.
8. ALL LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE WITH ALL ASSOCIATED UTILITY COMPANIES/AGENCIES REGARDING MEASURES TO PROTECT ALL OF THEIR EXISTING FACILITIES FROM DAMAGE DURING CONSTRUCTION, OPERATION, AND REMOVAL OF THE CGWT FACILITY. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AND TO THE SATISFACTION OF THE GOVERNING UTILITY AT NO ADDITIONAL EXPENSE TO THE STATE.
9. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN A SEDIMENTATION SYSTEM ALONG THE PERIMETER OF THE WSA AT ALL TIMES.
10. CONTRACTOR SHALL CLEAR TREES AND BRUSH, AS NECESSARY, TO INSTALL THE WSA.
11. CONTRACTOR SHALL MAINTAIN AND PROTECT EXISTING DRAINAGE.



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 7/10/2018

DESIGNER/DRAFTER: JO
 CHECKED BY: JK/MF
 SCALE IN FEET
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 SCALE 1"=40'

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

Filename: ...DD_MSH_ENV_63-703_21.dgn

SIGNATURE/BLOCK:

BL COMPANIES, INC.
 355 RESEARCH PARKWAY
 MERIDEN, CT 06450

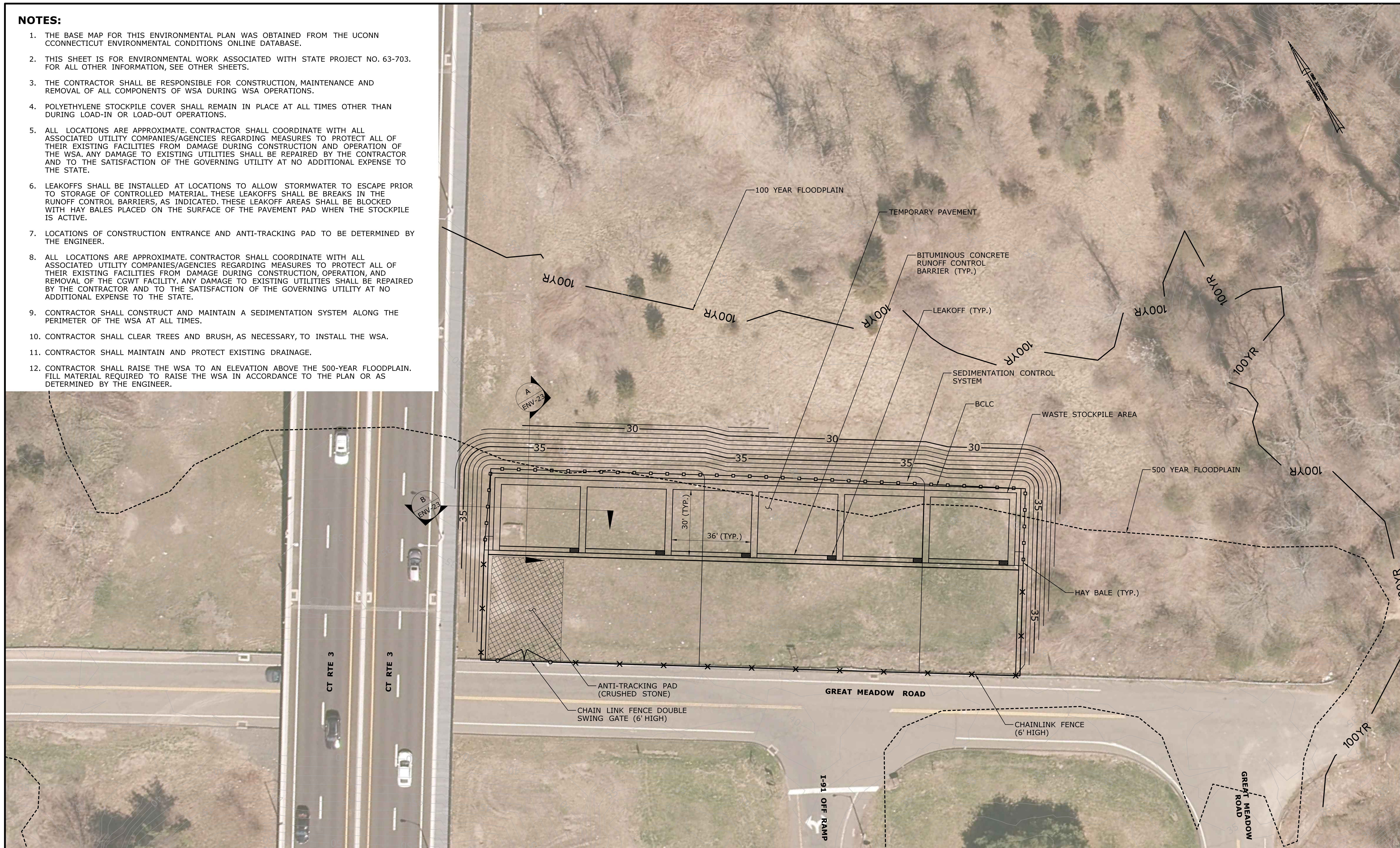
PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

TOWN: **HARTFORD EAST HARTFORD**
 DRAWING TITLE: **WASTE STOCKPILE AREA 1**

PROJECT NO. **63-703**
 DRAWING NO. **ENV-21**
 SHEET NO. **13.23**

NOTES:

1. THE BASE MAP FOR THIS ENVIRONMENTAL PLAN WAS OBTAINED FROM THE UCONN CONNECTICUT ENVIRONMENTAL CONDITIONS ONLINE DATABASE.
2. THIS SHEET IS FOR ENVIRONMENTAL WORK ASSOCIATED WITH STATE PROJECT NO. 63-703. FOR ALL OTHER INFORMATION, SEE OTHER SHEETS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION, MAINTENANCE AND REMOVAL OF ALL COMPONENTS OF WSA DURING WSA OPERATIONS.
4. POLYETHYLENE STOCKPILE COVER SHALL REMAIN IN PLACE AT ALL TIMES OTHER THAN DURING LOAD-IN OR LOAD-OUT OPERATIONS.
5. ALL LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE WITH ALL ASSOCIATED UTILITY COMPANIES/AGENCIES REGARDING MEASURES TO PROTECT ALL OF THEIR EXISTING FACILITIES FROM DAMAGE DURING CONSTRUCTION AND OPERATION OF THE WSA. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AND TO THE SATISFACTION OF THE GOVERNING UTILITY AT NO ADDITIONAL EXPENSE TO THE STATE.
6. LEAKOFFS SHALL BE INSTALLED AT LOCATIONS TO ALLOW STORMWATER TO ESCAPE PRIOR TO STORAGE OF CONTROLLED MATERIAL. THESE LEAKOFFS SHALL BE BREAKS IN THE RUNOFF CONTROL BARRIERS, AS INDICATED. THESE LEAKOFF AREAS SHALL BE BLOCKED WITH HAY BALES PLACED ON THE SURFACE OF THE PAVEMENT PAD WHEN THE STOCKPILE IS ACTIVE.
7. LOCATIONS OF CONSTRUCTION ENTRANCE AND ANTI-TRACKING PAD TO BE DETERMINED BY THE ENGINEER.
8. ALL LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE WITH ALL ASSOCIATED UTILITY COMPANIES/AGENCIES REGARDING MEASURES TO PROTECT ALL OF THEIR EXISTING FACILITIES FROM DAMAGE DURING CONSTRUCTION, OPERATION, AND REMOVAL OF THE CGWT FACILITY. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AND TO THE SATISFACTION OF THE GOVERNING UTILITY AT NO ADDITIONAL EXPENSE TO THE STATE.
9. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN A SEDIMENTATION SYSTEM ALONG THE PERIMETER OF THE WSA AT ALL TIMES.
10. CONTRACTOR SHALL CLEAR TREES AND BRUSH, AS NECESSARY, TO INSTALL THE WSA.
11. CONTRACTOR SHALL MAINTAIN AND PROTECT EXISTING DRAINAGE.
12. CONTRACTOR SHALL RAISE THE WSA TO AN ELEVATION ABOVE THE 500-YEAR FLOODPLAIN. FILL MATERIAL REQUIRED TO RAISE THE WSA IN ACCORDANCE TO THE PLAN OR AS DETERMINED BY THE ENGINEER.



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER:
JO
CHECKED BY:
JK/MF
SCALE IN FEET
0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Signature/Block: [Signature]

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB

TOWN:
WETHERSFIELD

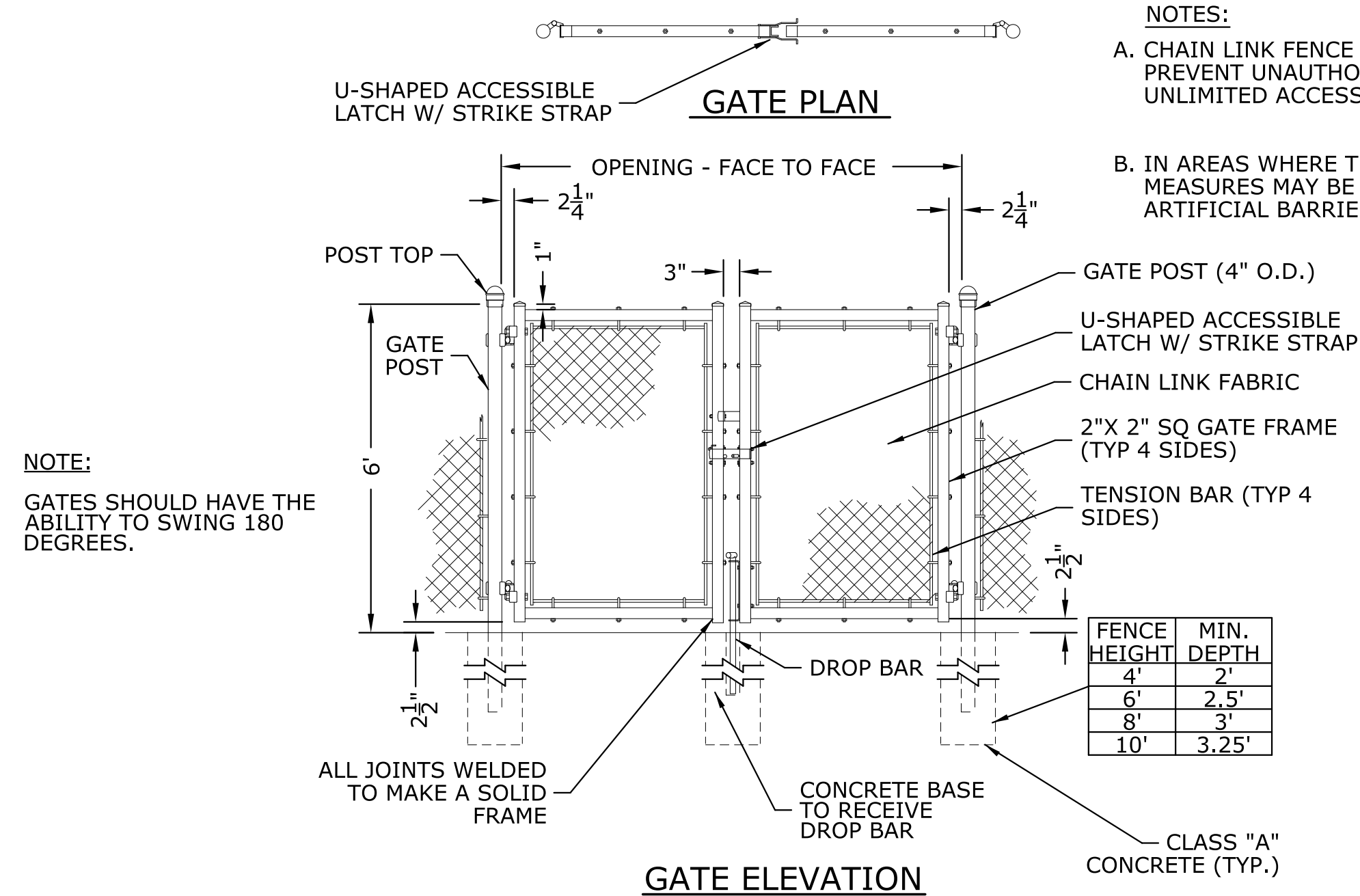
DRAWING TITLE:
WASTE STOCKPILE AREA 2

PROJECT NO.
63-703

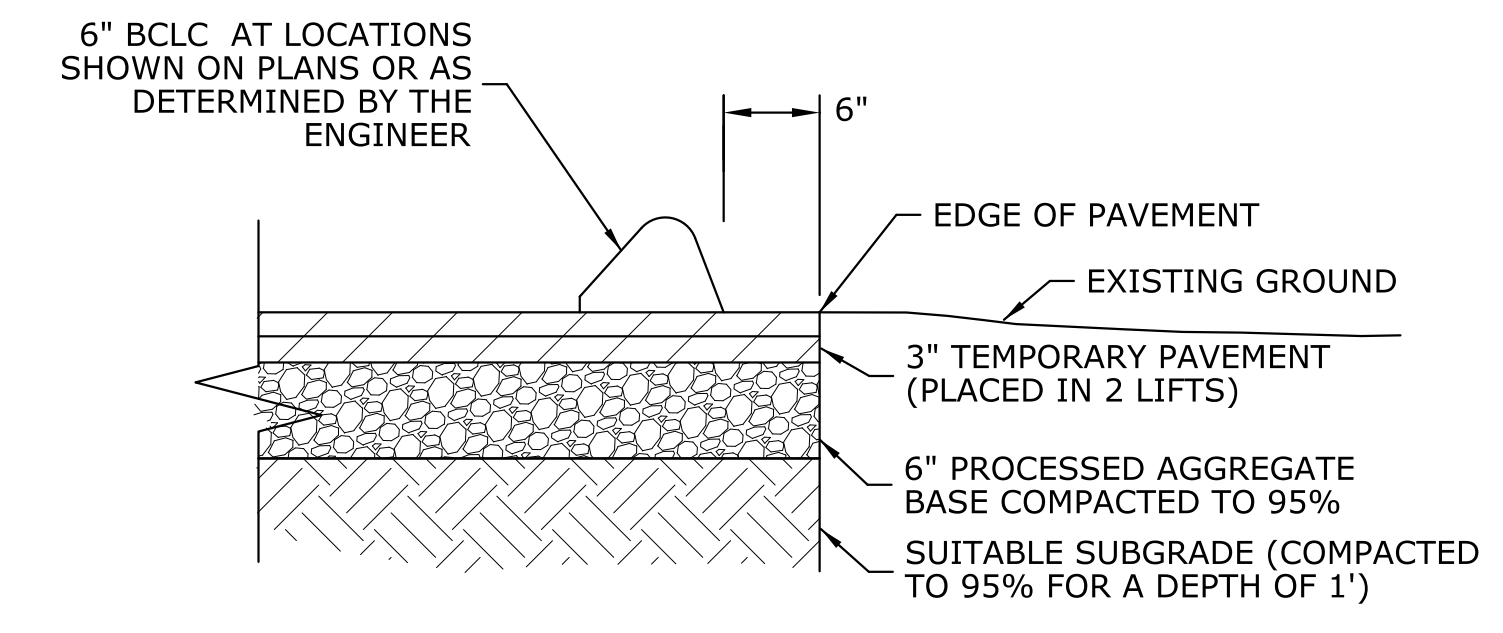
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ENV-22

SHEET NO.
13.24

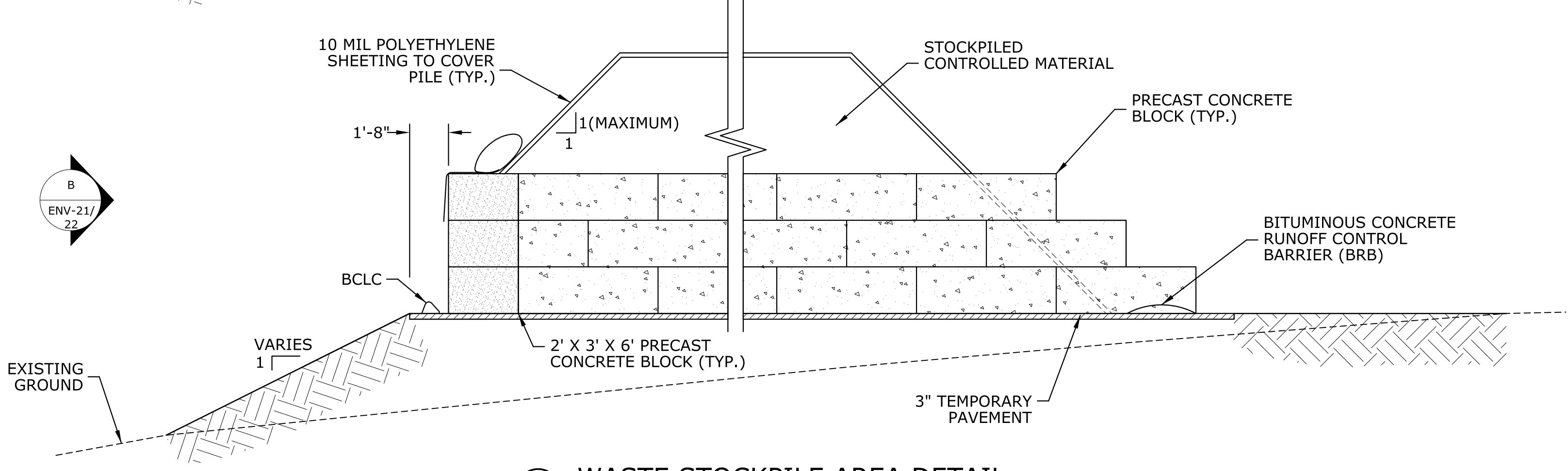
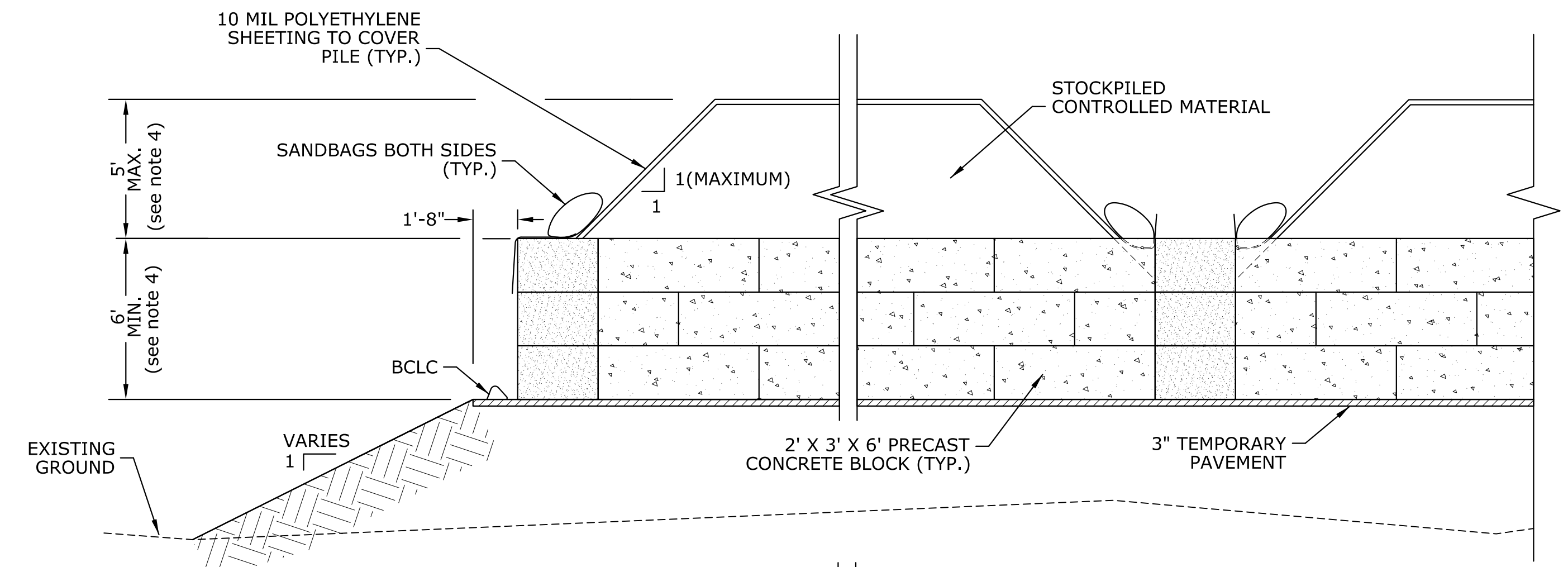
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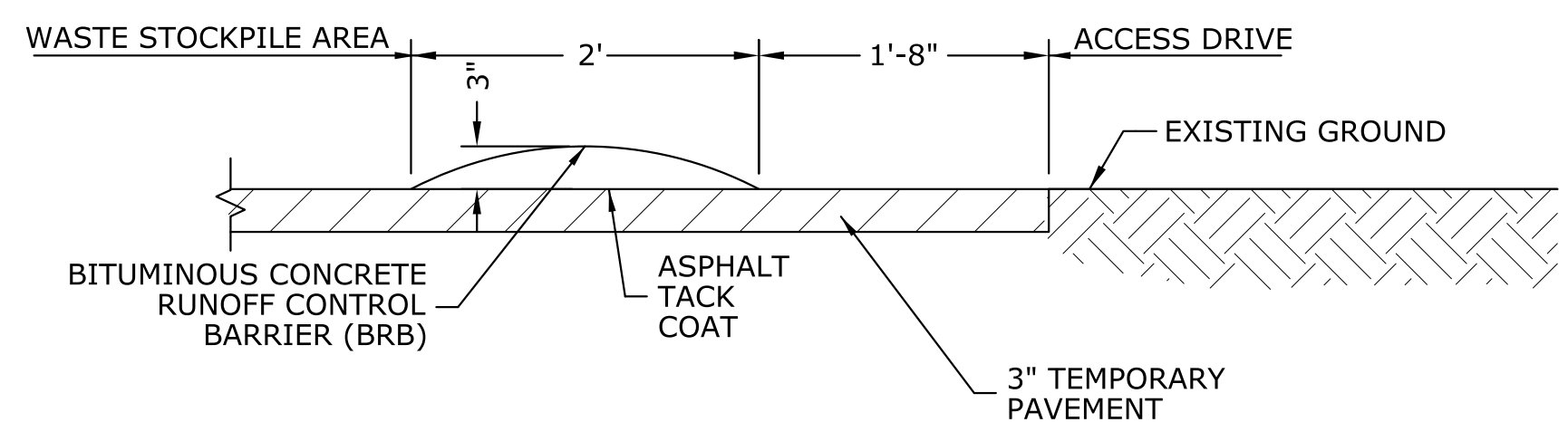
1 TYPICAL DOUBLE SWING GATES



3 COMPOSITE PAVEMENT STRUCTURE DETAIL



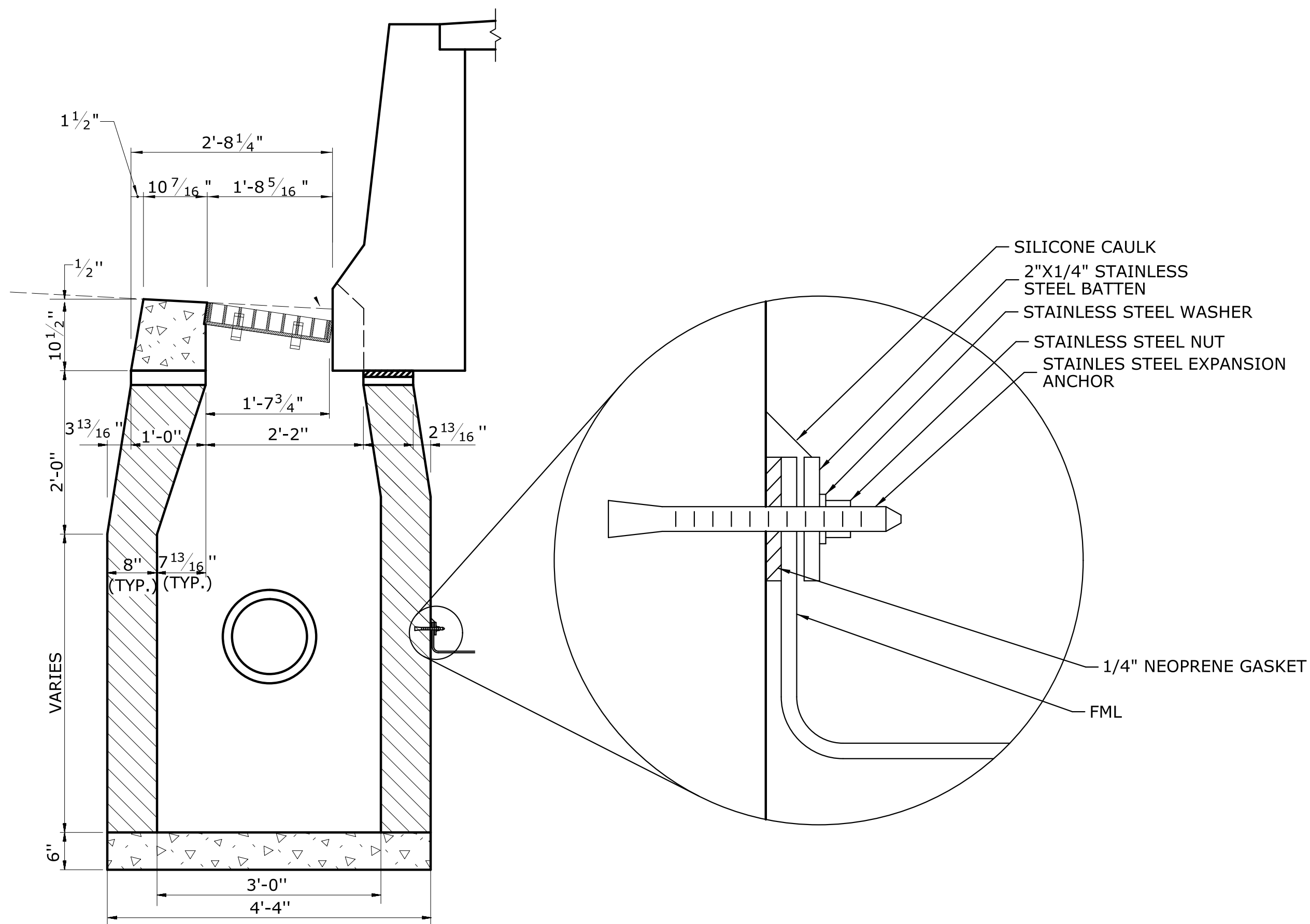
2 WASTE STOCKPILE AREA DETAIL



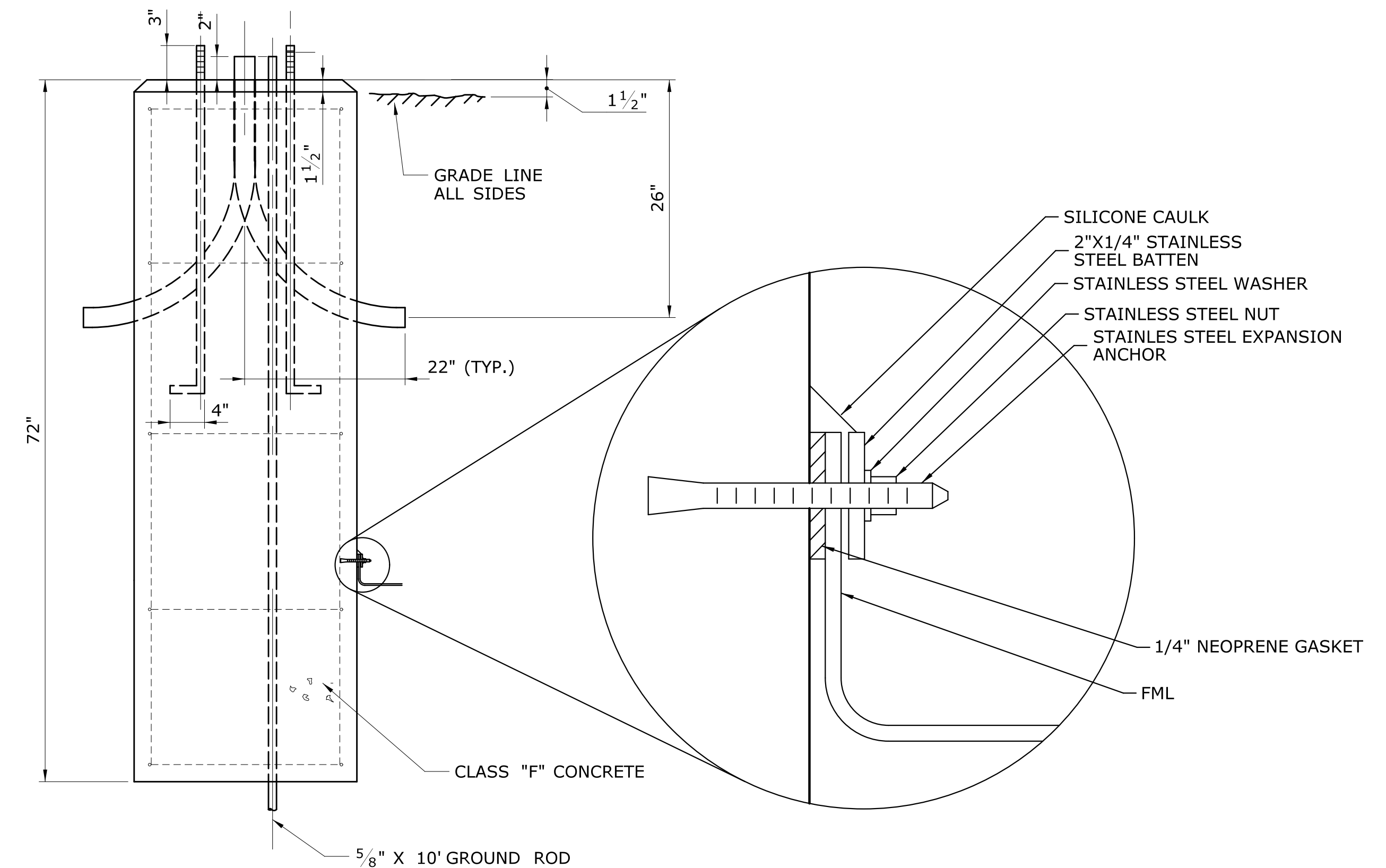
NOTE:
INSTALLATION OF BRB SHALL BE ON PAVEMENT ONLY AND IS BASED ON FIELD CONDITIONS OR AS DETERMINED BY THE ENGINEER.

4 BITUMINOUS CONCRETE RUNOFF CONTROL BARRIER (BRB) DETAIL

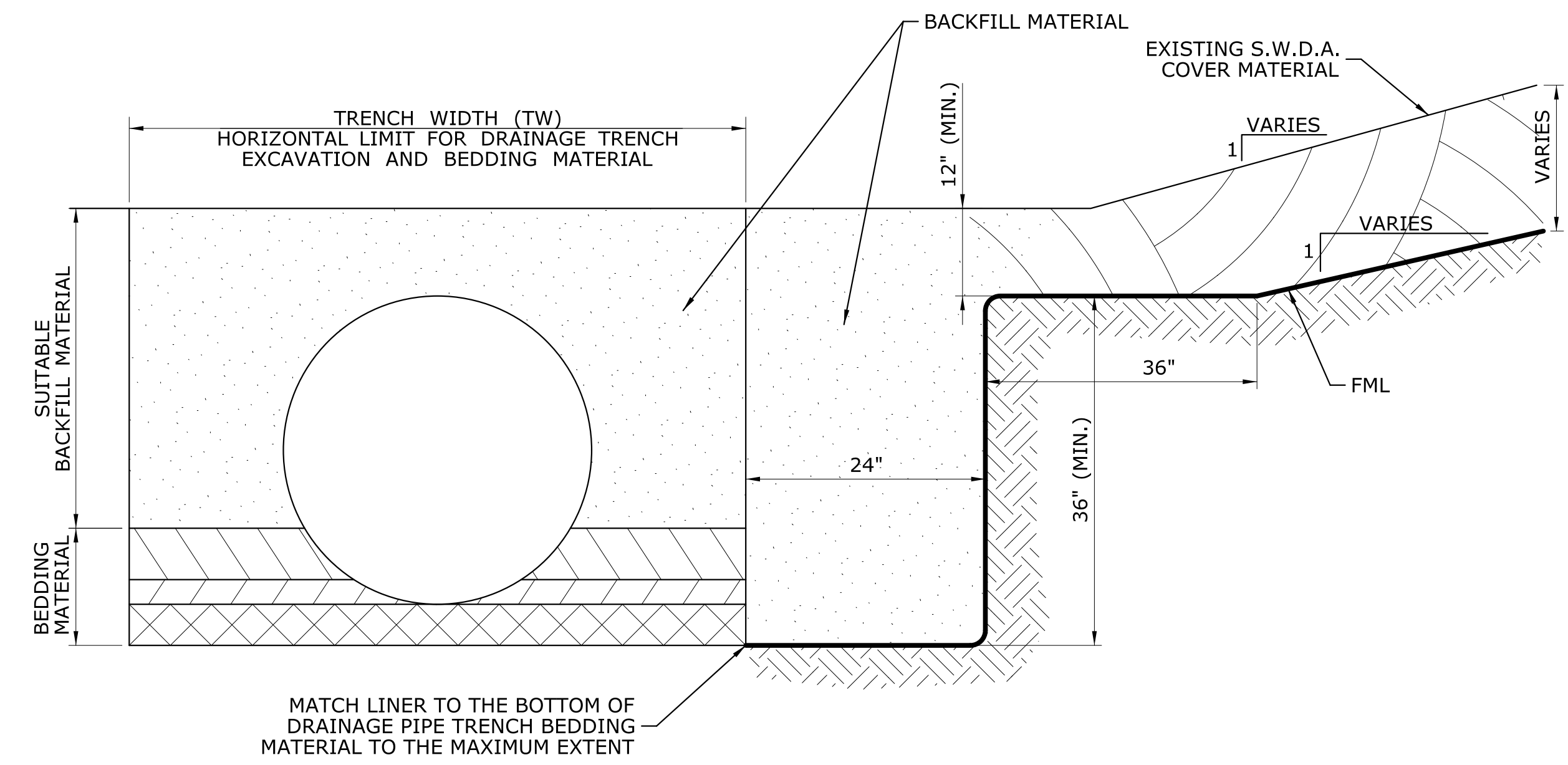
- GENERAL NOTES:**
1. WASTE STOCKPILE AREA (WSA) INSTALLATION AND ALL REQUIRED MATERIALS ARE AS INDICATED ON THE WSA PLAN.
 2. ANTI-TRACKING PAD SHALL BE INSTALLED AS SHOWN ON THE WSA PLAN AND IN ACCORDANCE WITH "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, 2002-SECTION 5-12."
 3. WHERE FEASIBLE, A MINIMUM DISTANCE OF 5' IMMEDIATELY OUTSIDE THE PERIMETER OF THE WSA CONCRETE BLOCK WALLS SHALL REMAIN CLEAR AND FREE OF ANY OBJECT TO PROVIDE ACCESS FOR MAINTENANCE.
 4. HEIGHT OF THE CONCRETE BLOCKS, STOCKPILED CONTROLLED MATERIAL AND CONFIGURATION OF THE BIN(S) MAY VARY BASED ON THE SIZE AS INDICATED ON THE WSA PLAN OR AS DIRECTED BY THE ENGINEER.
 5. THE WSA SURFACE SHALL BE SUFFICIENTLY IMPERVIOUS TO PREVENT OR MINIMIZE THE TRANSFER OR INFILTRATION OF CONTAMINANTS FROM THE STOCKPILES TO THE GROUND.



1 FML AND BATTEN STRIP CONNECTION TO C-M CATCH BASIN N.T.S.



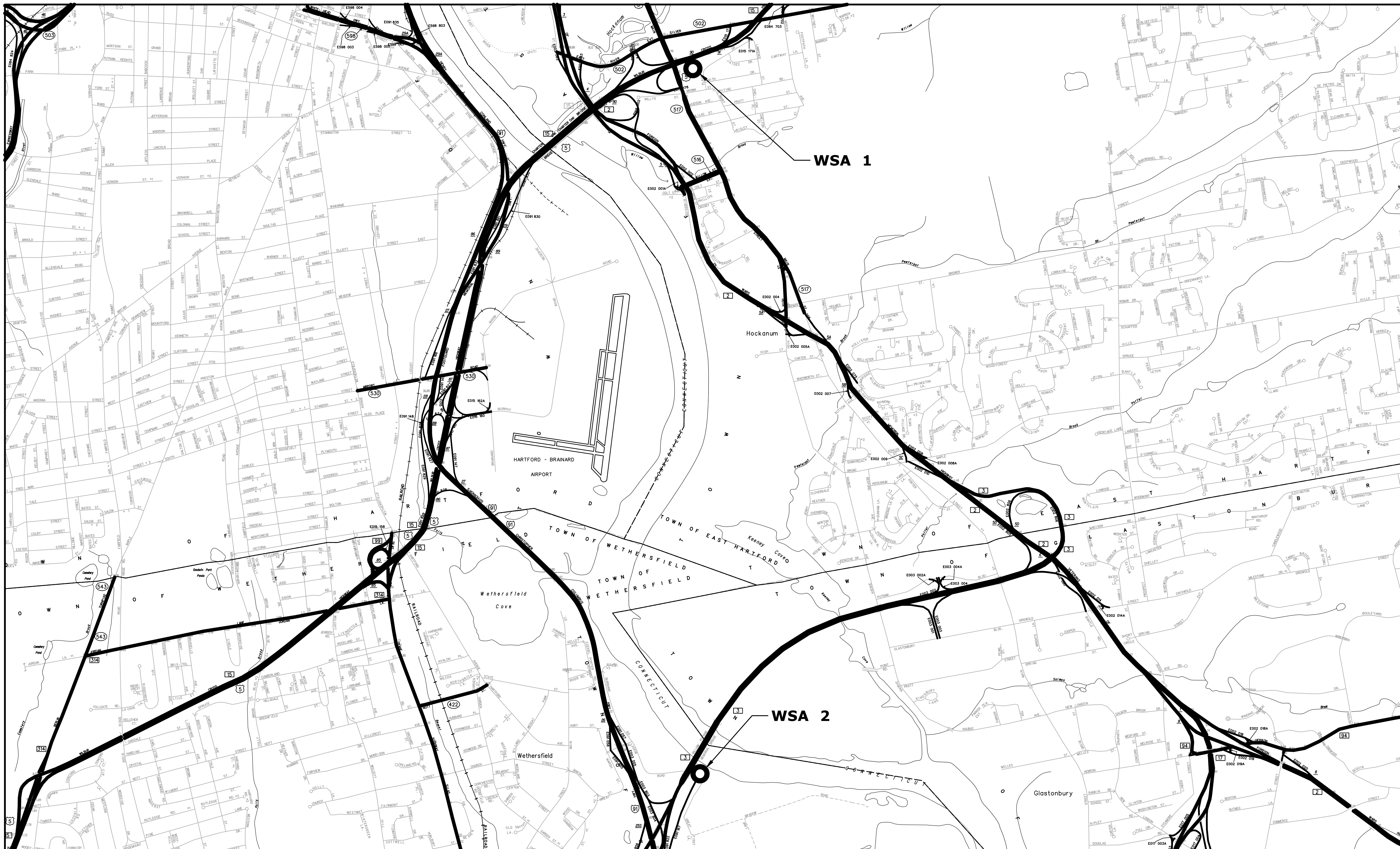
2 FML AND BATTEN STRIP CONNECTION TO LIGHT STANDARD FOUNDATION N.T.S.



3 FML ANCHOR TRENCH IN DRAINAGE PIPE TRENCH N.T.S.

- NOTES:
1. THIS SHEET IS FOR ENVIRONMENTAL WORK ASSOCIATED WITH CT DOT PROJECT NO. 63-703. FOR ALL OTHER INFORMATION, SEE CONSTRUCTION PLANS PREPARED BY OTHERS.
 2. THE CATCH BASIN DETAIL WAS PROVIDED TO BL COMPANIES BY CME ENGINEERING.
 3. THE LIGHT STANDARD AND DRAINAGE PIPE TRENCH DETAIL WERE PROVIDED TO BL COMPANIES BY CTDOT.
 4. ANCHOR TRENCH DETAIL WAS PROVIDED BY GSE ENVIRONMENTAL, LLC.
 5. FML - FLEXIBLE MEMBRANE LINER

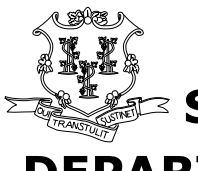
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: JK/JO CHECKED BY: JK/MF SCALE AS NOTED	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION Filename: ...DD_MSH_ENV_63-703_24.dgn	SIGNATURE/BLOCK: BL COMPANIES, INC. 355 RESEARCH PARKWAY MERIDEN, CT 06450	PROJECT TITLE: RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB	TOWN: HARTFORD EAST HARTFORD DRAWING TITLE: LINER SYSTEM MODIFICATIONS	PROJECT NO. 63-703 DRAWING NO. ENV-24 SHEET NO. 13.26	
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/10/2018				



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER:
JK/CM
CHECKED BY:
JK/MF
SCALE AS NOTED


STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
 Plotted Date: 7/10/2018
 Filename: ...DD_MSH.LOC.63-703_01.dgn

SIGNATURE/
 BLOCK:

 BL
 Companies
 355 RESEARCH PARKWAY
 MERIDEN, CT 06450

PROJECT TITLE:
**RELOCATION OF I-91 NB
 INTERCHANGE 29 AND WIDENING
 OF I-91 NB AND ROUTE 15 NB**

TOWN:
**HARTFORD
 EAST HARTFORD**
 DRAWING TITLE:
**WASTE STOCKPILE
 AREA LOCATIONS**

PROJECT NO.
63-703
 DRAWING NO.
LOC-01
 SHEET NO.
13.27