03 - LANDSCAPE DESIGN
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
LDS-01	LANDSCAPE DESIGN INDEX OF DRAWINGS		
LDS-02	LANDSCAPE DESIGN PLAN		
LDS-03	LANDSCAPE DESIGN PLAN		
LDS-04	LANDSCAPE DESIGN PLAN		
LDS-05	LANDSCAPE DESIGN PLAN		

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.

Michael N. Calabrese, P.E.
2017.12.19 10:04:34-05'00'

TRANSPORTATION PRINCIPAL ENGINEER

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: 12/19/2017

DESIGNER/DRAFTER: MR

CHECKED BY: MC

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0170-3192_LDS-01 Index.dgn

SIGNATURE/ BLOCK:

OFFICE OF ENGINEERING

APPROVED BY:

PROJECT TITLE:

REHABILITATION OF FOUR RAILROAD BRIDGES ON THE HOUSATONIC LINE

TOWN:

CANAAN, KENT, AND NEW MILFORD

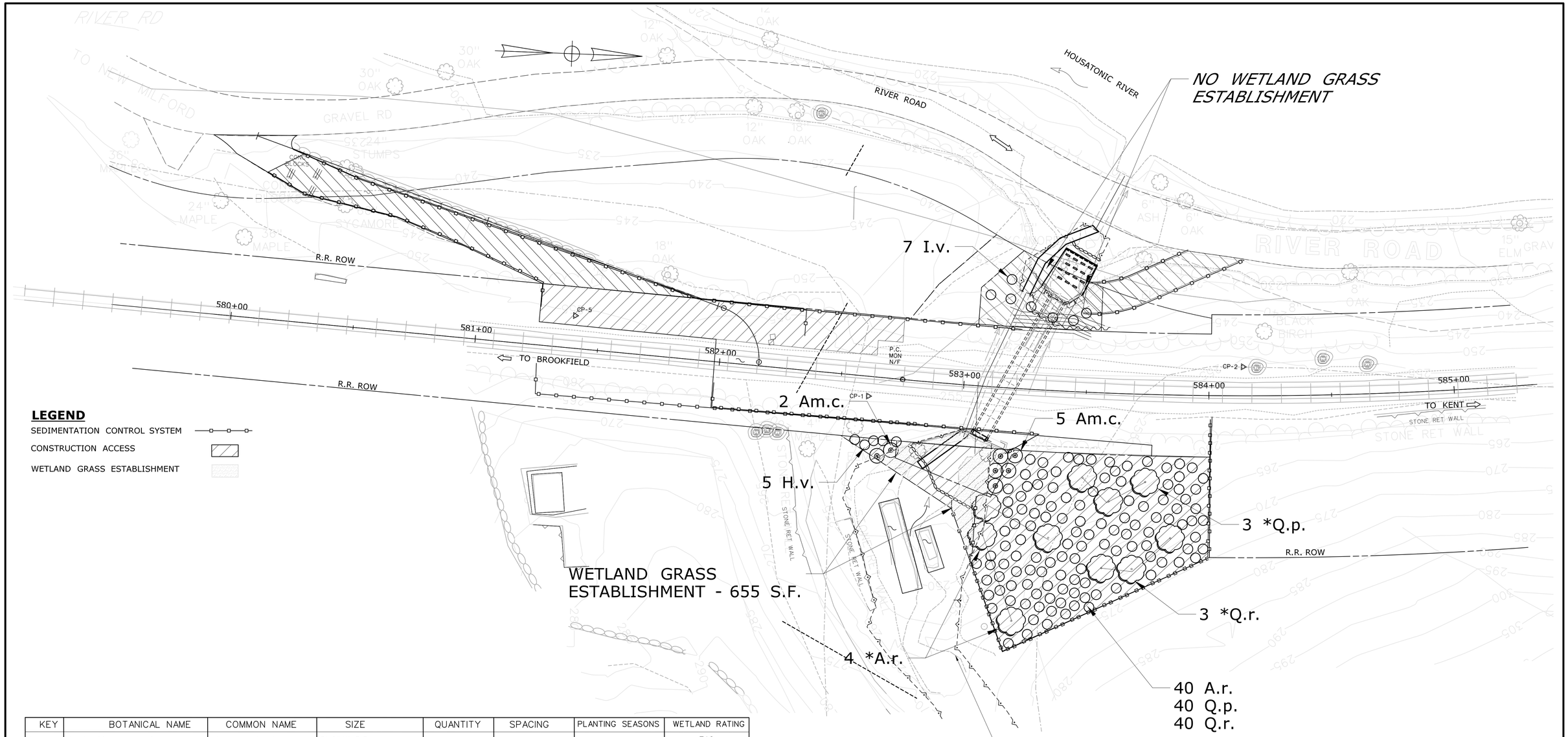
DRAWING TITLE:

LANDSCAPE DESIGN INDEX OF DRAWINGS

PROJECT NO. 170-3192

DRAWING NO. LDS-01

SHEET NO. 02.03.01



KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	PLANTING SEASONS	WETLAND RATING
Am.c.	Amelanchier canadensis	Shadblow Serviceberry	5'-6" Ht. B.B.	7	Field Locate		FAC
A.r.	Acer rubrum	Red Maple	3'-4' Ht. Whips B.R.	40	Field Locate		FAC
*A.r.	Acer rubrum	Red Maple	1 3/4"-2" Cal. B.B.	4	Field Locate	Spring Only	FAC
H.v.	Hamamelis virginiana	Witch Hazel	24"-36" Ht. B.B.	5	Field Locate		FACU
I.v.	Ilex verticillata	Common Winterberry	18"-24" Ht. B.B.	7	Field Locate		FACW
Q.p.	Quercus palustris	Pin Oak	24"-36" Ht. No. 3 Cont.	40	Field Locate		FACW
*Q.p.	Quercus palustris	Pin Oak	2"-2 1/2" Cal. B.B.	3	Field Locate	Spring Only	FACW
Q.r.	Quercus rubra	Red Oak	24"-36" Ht. No. 3 Cont.	40	Field Locate		FACU
*Q.r.	Quercus rubra	Red Oak	2 1/2"-3" Cal. B.B.	3	Field Locate	Spring Only	FACU
	Wetland Grass Establishment			655 S.F.			

NOTES:

1. ALL DISTURBED AREAS LOCATED WITHIN THE WETLAND LIMITS ARE TO BE SEEDED WITH WETLAND SEED MIXTURE AS NOTED. ALL OTHER DISTURBED AREAS INCLUDING TEMPORARY ACCESS ROAD ARE TO BE SEEDED WITH CONSERVATION SEEDING FOR SLOPES.

2. NO MULCH SHALL BE APPLIED TO ANY PLANTS.

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: 12/5/2017

DESIGNER/DRAFTER: MR
CHECKED BY: D. BARNES
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_170_3192_MP_15.00_LDS-01.dgn

SIGNATURE/BLOCK: OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE: BRIDGE NO. 09200R HOUSATONIC RAILROAD MP 15.00 OVER UNNAMED BROOK

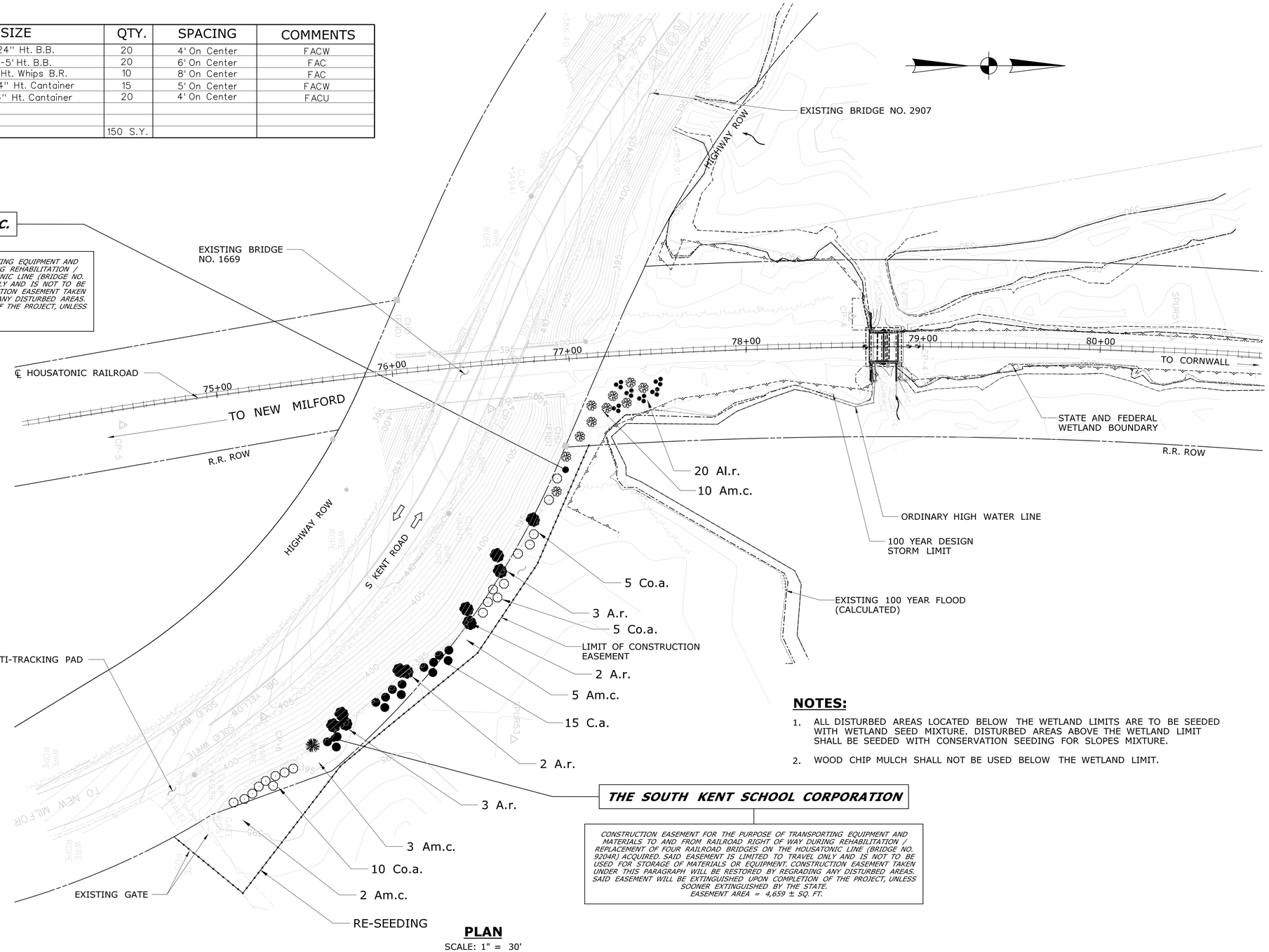
TOWN: NEW MILFORD

DRAWING TITLE: LANDSCAPE DESIGN PLAN

PROJECT NO. 170-3192
DRAWING NO. LDS-02
SHEET NO. 02.03.02

LANDSCAPE ITEMS

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	SPACING	COMMENTS
Al.r.	Alnus Rugosa	Speckled Alder	18"-24" Ht. B.B.	20	4' On Center	FACW
Am.c.	Amelanchier canadensis	Shadblow Serviceberry	4'-5' Ht. B.B.	20	6' On Center	FAC
A.r.	Acer Rubrum	Red Maple	3'-4' Ht. Whips B.R.	10	8' On Center	FAC
C.a.	Cornus amomum	Silky Dogwood	18"-24" Ht. Cantainer	15	5' On Center	FACW
Co.a	Corylus americana	American Hazelnut	18"-24" Ht. Cantainer	20	4' On Center	FACU
Wood Chip Mulch				150 S.Y.		



KENT LAND TRUST, INC.

CONSTRUCTION EASEMENT FOR THE PURPOSE OF TRANSPORTING EQUIPMENT AND MATERIALS TO AND FROM RAILROAD RIGHT OF WAY DURING REHABILITATION / REPLACEMENT OF FOUR RAILROAD BRIDGES ON THE HOUSATONIC LINE (BRIDGE NO. 920AR) ACQUIRED. SAID EASEMENT IS LIMITED TO TRAVEL ONLY AND IS NOT TO BE USED FOR STORAGE OF MATERIALS OR EQUIPMENT. CONSTRUCTION EASEMENT TAKEN UNDER THIS PARAGRAPH WILL BE RESTORED BY REGRADING ANY DISTURBED AREAS. SAID EASEMENT WILL BE EXTINGUISHED UPON COMPLETION OF THE PROJECT, UNLESS SOONER EXTINGUISHED BY THE STATE.
EASEMENT AREA = 356 ± SQ. FT.

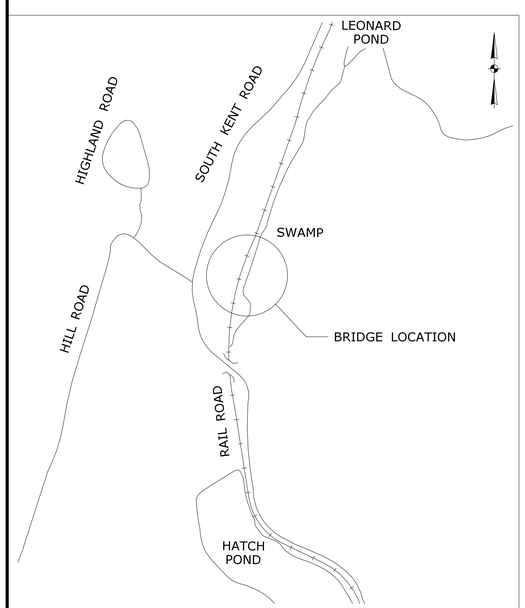
THE SOUTH KENT SCHOOL CORPORATION

CONSTRUCTION EASEMENT FOR THE PURPOSE OF TRANSPORTING EQUIPMENT AND MATERIALS TO AND FROM RAILROAD RIGHT OF WAY DURING REHABILITATION / REPLACEMENT OF FOUR RAILROAD BRIDGES ON THE HOUSATONIC LINE (BRIDGE NO. 9204R) ACQUIRED. SAID EASEMENT IS LIMITED TO TRAVEL ONLY AND IS NOT TO BE USED FOR STORAGE OF MATERIALS OR EQUIPMENT. CONSTRUCTION EASEMENT TAKEN UNDER THIS PARAGRAPH WILL BE RESTORED BY REGRADING ANY DISTURBED AREAS. SAID EASEMENT WILL BE EXTINGUISHED UPON COMPLETION OF THE PROJECT, UNLESS SOONER EXTINGUISHED BY THE STATE.
EASEMENT AREA = 4,659 ± SQ. FT.

PLAN
SCALE: 1" = 30'

NOTES:

1. ALL DISTURBED AREAS LOCATED BELOW THE WETLAND LIMITS ARE TO BE SEEDED WITH WETLAND SEED MIXTURE. DISTURBED AREAS ABOVE THE WETLAND LIMIT SHALL BE SEEDED WITH CONSERVATION SEEDING FOR SLOPES MIXTURE.
2. WOOD CHIP MULCH SHALL NOT BE USED BELOW THE WETLAND LIMIT.



LOCATION PLAN - SITE NO.2
NTS

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: 12/5/2017

DESIGNER/DRAFTER: D. Barnes
CHECKED BY: MNC
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW.MSH.170.3192.MP.21.62.LDS-02.DGN

SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
BRIDGE NO. 09204R HOUSATONIC RAILROAD MP 21.62 OVER WOMENSHENUK BROOK

TOWN: **KENT**

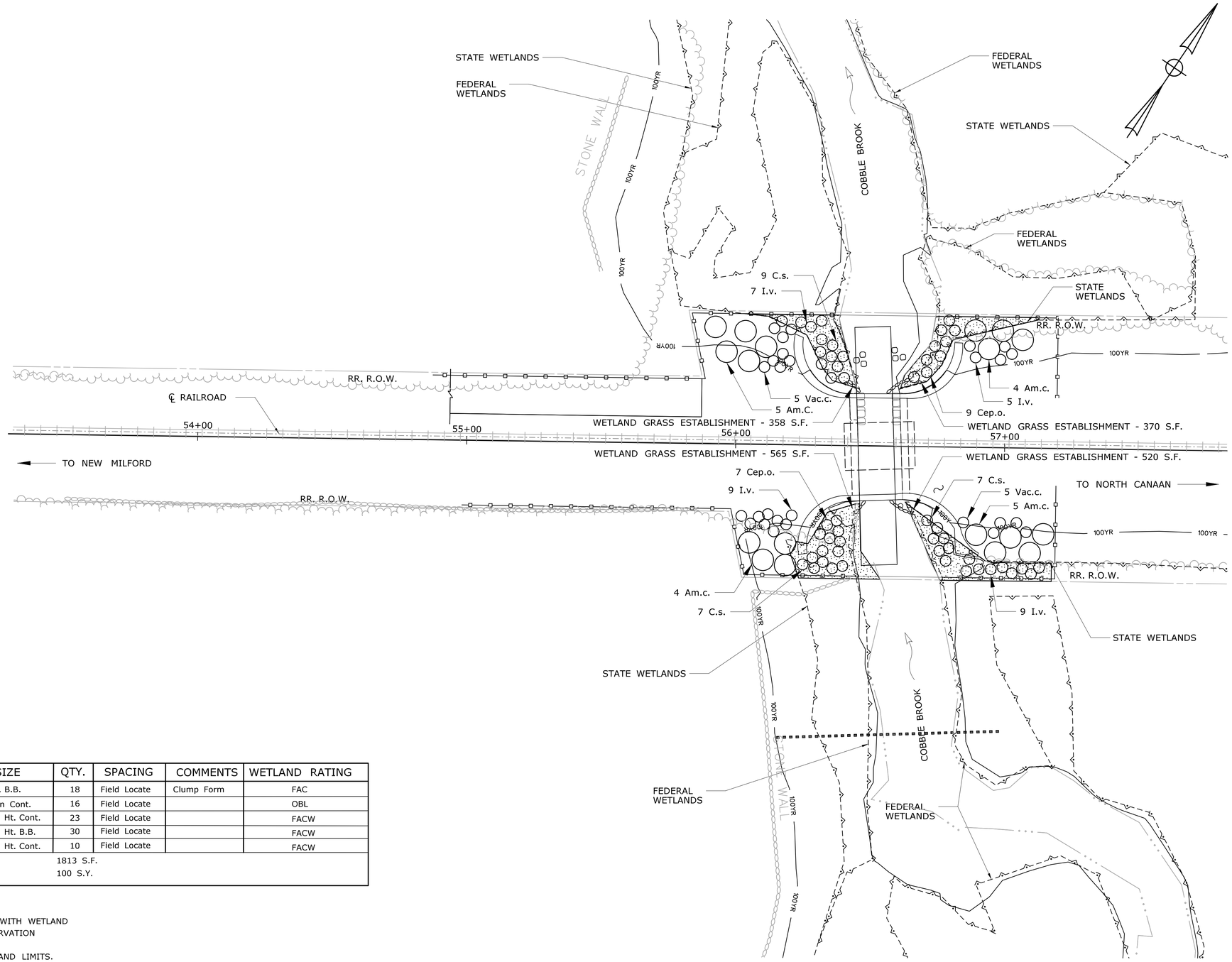
DRAWING TITLE: **LANDSCAPE DESIGN PLAN**

PROJECT NO. **170-3192**
DRAWING NO. **LDS-03**
SHEET NO. **02.03.03**

LEGEND

SEDIMENTATION CONTROL SYSTEM

WETLAND GRASS ESTABLISHMENT



PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	SPACING	COMMENTS	WETLAND RATING
Am.c.	Amelanchier canadensis	Shadblow Serviceberry	6'-8' Ht. B.B.	18	Field Locate	Clump Form	FAC
Cep.o.	Cephalanthus occidentalis	Buttonbush	1 Gallon Cont.	16	Field Locate		OBL
C.s.	Cornus sericea	Redosier Dogwood	18"-24" Ht. Cont.	23	Field Locate		FACW
I.v.	Ilex verticillata	Common Winterbury	18"-24" Ht. B.B.	30	Field Locate		FACW
Vac.c.	Vaccinium corymbosum	Highbush Blueberry	18"-24" Ht. Cont.	10	Field Locate		FACW
	Wetland Grass Establishment			1813 S.F.			
	Wood Chip Mulch			100 S.Y.			

NOTES:
1. ALL DISTURBED AREAS LOCATED WITHIN THE WETLAND LIMITS ARE TO BE SEEDED WITH WETLAND SEED MIX AS NOTED. ALL OTHER DISTURBED AREAS ARE TO BE SEEDED WITH CONSERVATION SEEDING FOR SLOPES.
2. WOOD CHIP MULCH SHALL NOT BE APPLIED TO ANY PLANTS LOCATED WITHIN WETLAND LIMITS.

PLAN
SCALE: 1" = 20'

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: 12/4/2017

DESIGNER/DRAFTER: MR
CHECKED BY: MC
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_170_3192_LDS-04.dgn

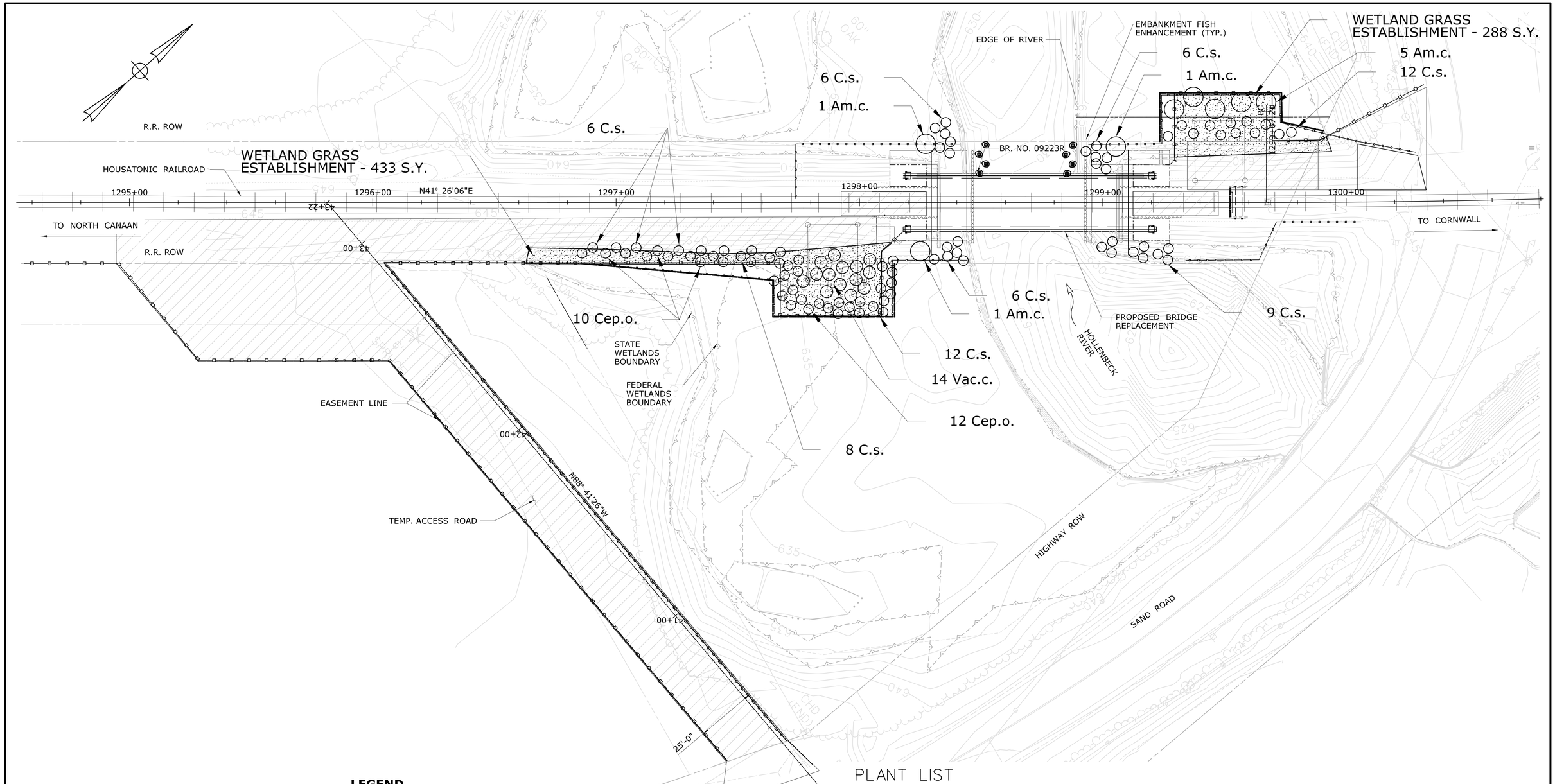
SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
REHABILITATION OF FOUR RAILROAD BRIDGES ON THE HOUSATONIC LINE BRIDGE NO. 09206R

TOWN: **KENT**

DRAWING TITLE: **LANDSCAPE DESIGN SHEET**

PROJECT NO. **170-3192**
DRAWING NO. **LDS-04**
SHEET NO. **02.03.04**



LEGEND

- SEDIMENTATION CONTROL SYSTEM
- EXISTING CONTOUR
- PROPERTY LINE
- CONSTRUCTION ACCESS
- VERNAL POOLS
- WETLAND GRASS ESTABLISHMENT

PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	SPACING	COMMENTS	WETLAND RATING
Am.c.	Amelanchier canadensis	Shadblow Serviceberry	6'-8' Ht. B.B.	8	Field Locate	Clump Form	FAC
Cep.o.	Cephalanthus occidentalis	Buttonbush	18"-24" Ht. Cont.	22	Field Locate		OBL
C.s.	Cornus sericea	Redosier Dogwood	18"-24" Ht. Cont.	65	Field Locate		FACW
Vac.c.	Vaccinium corymbosum	Highbush Blueberry	18"-24" Ht. Cont.	14	Field Locate		FACW
	WETLAND GRASS ESTABLISHMENT			721 S.F.			

NOTES:
1. ALL DISTURBED AREAS LOCATED WITHIN THE WETLAND LIMITS ARE TO BE SEEDED WITH WETLAND SEED MIXTURE AS NOTED. ALL OTHER DISTURBED AREAS INCLUDING TEMPORARY ACCESS ROAD ARE TO BE SEEDED WITH "CONSERVATION SEEDING FOR SLOPES".
2. WOOD CHIP MULCH SHALL NOT BE APPLIED TO ANY PLANTS.

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: 12/5/2017

DESIGNER/DRAFTER: MR
CHECKED BY: D. BARNES
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_170_3192_MP_44.50_LDS-04.dgn

SIGNATURE/BLOCK: OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE: BRIDGE NO. 09223R HOUSATONIC RAILROAD MP 44.50 OVER THE HOLLENBECK RIVER

TOWN: CANAAN

DRAWING TITLE: LANDSCAPE DESIGN PLAN

PROJECT NO. 170-3192
DRAWING NO. LDS-05
SHEET NO. 02.03.05