

BEGIN STATE PROJECT NO. 51-260
 FEDERAL AID PROJECT NO. XX-XX
 STATION 30+00.00
 N 825872.748
 E 978989.951

LIMIT OF CONSTRUCTION
 ROUTE 4



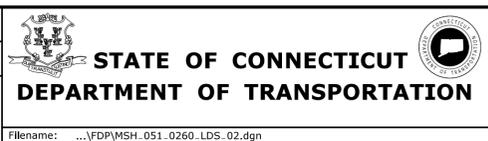
NO LANDSCAPING ON THIS SHEET

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 4/30/2015

DESIGNER/DRAFTER:
S. Fiedler
 CHECKED BY:
M. Calabrese
 SCALE IN FEET
 0 40 80
 SCALE 1"=40'



SIGNATURE/
 BLOCK:
OFFICE OF ENGINEERING
 APPROVED BY: DATE:

PROJECT TITLE:
**SAFETY & TRAFFIC OPERATIONAL IMPROVEMENTS
 ON ROUTE 4 (FARMINGTON AVE) FROM
 GARDEN ST. TO MOUNTAIN SPRING RD.**

TOWN:
FARMINGTON
 DRAWING TITLE:
LANDSCAPE DESIGN SHEET

PROJECT NO.
51-260
 DRAWING NO.
LDS-02
 SHEET NO.
11.02



BEGIN FULL DEPTH RECONSTRUCTION ROUTE 4 STATION 37+00.00

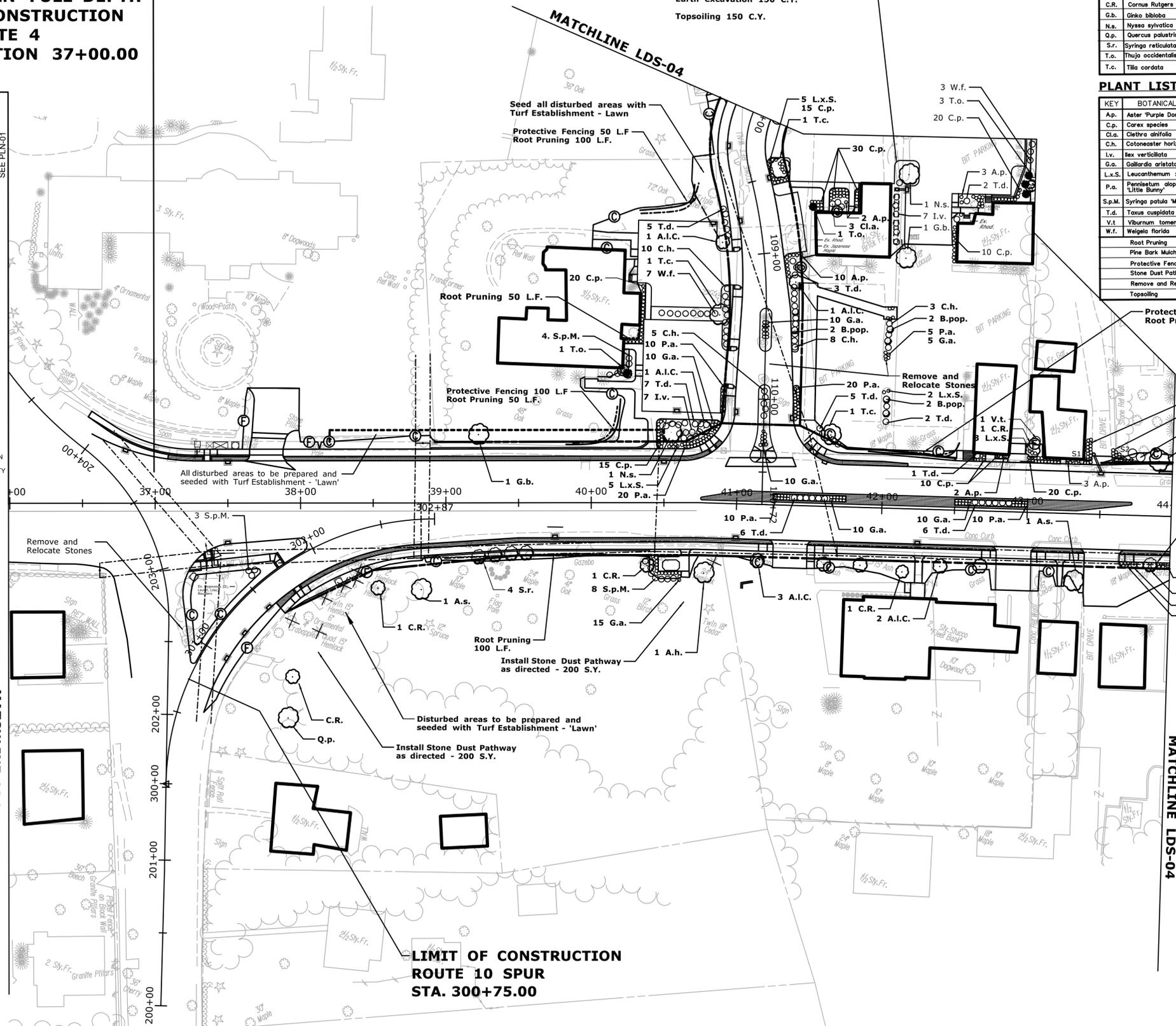
BEGIN MILL & OVERLAY ROUTE 4 STATION 36+00.00

Continuously excavate and prepared interior islands for plantings as directed
 Earth excavation 150 C.Y.
 Topsoiling 150 C.Y.

PLANT LIST - TREES						
KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	SPACING	COMMENTS
A.c.	Acer campestre	Hedge Maple	2 1/2"-3" Cal.	1	Field Located	
A.s.	Acer saccharum 'Columnare'	Columnar Sugar Maple	2" - 2 1/2" Cal. B.B.	2	Field Located	
A.H.	Aesculus hippocastanum 'baumanni'	Double Flowering Horsechestnut	2 1/2" - 3" Cal. B.B.	1	Field Located	
A.L.C.	Amelanchier laevis	Allegheny Serviceberry	2" - 2 1/2" Cal. B.B.	8	Field Located	Cumulus
B.pop.	Betula populifolia	Gray Birch	5' - 6' Ht. Clump B.B.	6	Field Located	
C.R.	Cornus Rutgersii	Stellar Pink Dogwood	10'-15' Ht. B.B.	5	Field Located	
C.b.	Cotinus cogonioides	Maiden Hair Tree	2 1/2" - 3" Cal. B.B.	2	Field Located	
N.b.	Nyssa sylvatica	Black Tupelo	2 1/2" - 3" Cal. B.B.	3	Field Located	
Q.p.	Quercus palustris	Pin Oak	2" - 2 1/2" Cal. B.B.	1	Field Located	
S.r.	Syringa reticulata 'Ivory Silk'	Japanese Tree Lilac	2" - 2 1/2" Cal. B.B.	4	Field Located	
T.o.	Thuja occidentalis 'nigra'	Dark American Arborvitae	5' - 6' Ht. B.B.	5	5' On Center	
T.c.	Tilia cordata	Little Leaf Linden	2" - 2 1/2" Cal. B.B.	3	Field Located	

PLANT LIST - SHRUBS AND HERBACEOUS						
KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	SPACING	COMMENTS
Ap.	Aster 'Purple Dome'	Purple Dome Aster	1 Gallon Container	20	3' On Center	
C.p.	Carex spicata	Sedge	1 Gallon Container	180	2' On Center	Pennsylvania
Cl.a.	Clethra alnifolia	Summersweet	2'-3' Ht. B.B.	3	4' On Center	
C.h.	Cotoneaster horizontalis	Rock Cotoneaster	18"-24" Ht. B.B.	30	4' On Center	
I.v.	Ilex verticillata	Common Winterberry	2'-3' Ht. B.B.	14	4' On Center	
G.a.	Gallardia aristata	Blanket Flower	1 Gal.	70	2' On Center	
L.x.s.	Leucanthemum x superba	Shasta Daisy	1 Gallon Container	15	3' On Center	
P.a.	Pennisetum alopecuroides 'Little Bunny'	Little Bunny Fountain Grass	1 Gallon Container	85	2' On Center	
S.p.m.	Syringa patula 'Miss Kim'	Miss Kim Lilac	18"-24" Ht. Container	15	4' On Center	
T.d.	Toxus cuspidata densiformis	Dense Spreading Yew	2'-2 1/2' Ht. B.B.	37	5' On Center	
V.t.	Viburnum tomentosum	Doublefile Viburnum	2'-3' Ht. B.B.	3	6' On Center	
W.f.	Weigela florida	Old Fashioned Weigela	18"-24" Ht. Container	10	5' On Center	
	Root Pruning			350	L.F.	
	Pine Bark Mulch			750	S.Y.	
	Protective Fencing			250	L.F.	
	Stone Dust Pathway			400	S.Y.	
	Remove and Relocate Stones			Lump	Sum	
	Topsoiling			150	C.Y.	

- NOTES**
- ALL AREAS DEVELOPED AND MAINTAINED AS LAWN BY ADJACENT PROPERTY OWNERS PRIOR TO CONSTRUCTION SHALL BE GRADED, PREPARED AND SEEDING TO RESTORE OR IMPROVE EXISTING CONDITIONS.
 - THE CONTRACTOR IS RESPONSIBLE FOR ANTICIPATING CORRECTIVE MEASURES REQUIRED FOR SEEDING AREAS COMPACTED BY CONSTRUCTION VEHICLES OR THE STOCKPILING MUST BE MADE FRIABLE AND FREE-DRAINING PRIOR TO INSTALLATION OF TOPSOIL AND SEED.
 - TEMPORARY SEEDING SHALL BE USED ON FINISHED GRADES TO PROVIDE COVERAGE DURING THE MONTHS OF JULY OR AUGUST, OTHERWISE, THE CONTRACTOR SHALL PREPARE TOPSOIL, BLEND SLOPES INTO EXISTING GRADES, AND FURNISH AND INSTALL PERMANENT SEEDING. ANY WEEDS OR UNWANTED VEGETATION TO BE REMOVED PRIOR TO SEEDING.
 - PROCESSED AGGREGATE OR OTHER MATERIAL USED FOR ANTI-TRACKING DURING CONSTRUCTION MUST BE REMOVED PRIOR TO FINAL GRADING AND INSTALLATION OF TOPSOIL AND SEEDING OR PLANTING. THE CONTRACTOR SHALL REMOVE ANY UNSUITABLE SOIL AS DIRECTED (PAID FOR UNDER EARTH EXCAVATION). PLANTED ISLANDS SHALL BE PREPARED AS DIRECTED AND NEW MATERIAL PAID FOR UNDER TOPSOILING.
 - ALL DISTURBED AREAS NOT SHOWN ON THE LANDSCAPE PLANS AS N.E. CONSERVATION / WILDLIFE SEED MIX SHALL BE SEEDING AS TURF ESTABLISHMENT - LAWN.
 - THE CONTRACTOR SHALL SUBMIT A SOURCE OF SUPPLY AND REQUEST FOR PLANT INSPECTION TO THE ENGINEER IN A TIMELY FASHION SO THAT ALL PLANT STOCK MAY BE INSPECTED PRIOR TO SHIPPING. THE SOURCE OF SUPPLY SHALL INCLUDE THE SIZE, SPECIES AND QUANTITY OF EACH PLANT. LANDSCAPE DESIGN MAY REJECT PLANT MATERIAL AT ANY TIME.
 - THE LOCATION OF PLANTINGS ON THE PLANS IS APPROXIMATE AND MAY BE SUBJECT TO COORDINATION WITH STAKEHOLDERS, UTILITIES OR OTHER FACTORS. EARLY COORDINATION WITH LANDSCAPE DESIGN IS REQUIRED TO STAKE OUT PLANTINGS. FINAL CONFIGURATION OF PLANTING BEDS TO BE DETERMINED IN THE FIELD AND TO BE MULCHED CONTINUOUSLY.
 - REFER THE STANDARD SPECIFICATION AND SUPPLEMENTALS AS WELL AS THE ISLAND PLANTING DETAIL FOR INFORMATION PERTAINING TO TOPSOILING, AND PLANTING MIX.
 - CONTAINER PLANTS MUST CONFORM TO THE RELEVANT SECTIONS OF THE AMERICAN STANDARD FOR NURSERY STOCK AS FOLLOWS:
 - A. SHADE AND FLOWERING TREES MUST MEET THE MINIMAL REQUIREMENTS OF TRUNK CALIPER, ROOT MASS, AND BRANCH HEIGHT.
 - B. SHRUBS MUST MEET THE MINIMUM REQUIREMENTS FOR THE CONTAINER SIZE, ROOT MASS, NUMBER OF CANES FOR EACH 'TYPE' AND THE HEIGHT SPECIFIED.
 - C. HERBACEOUS PLANTS AND ORNAMENTAL GRASSES MUST MEET THE MINIMUM REQUIREMENTS FOR CONTAINER SIZE AND ROOT MASS SPECIFIED.
 - ALL LANDSCAPED ISLANDS, EXISTING AND PROPOSED TO BE EXCAVATED OF UNSUITABLE MATERIAL AND PREPARED FOR NEW PLANTINGS. EXISTING VEGETATION TO BE REMOVED OR PRUNED AS DIRECTED BY THE ENGINEER.
 - ALL EXISTING BOULDERS OR STONES IN EXISTING LANDSCAPED AREAS TO BE REMOVED, STOCKPILED AND RELOCATED BACK INTO LANDSCAPED AREAS AS DIRECTED.
 - THE CONTRACTOR SHALL INSTALL STONE DUST PATHWAY ON EITHER END OF THE EXISTING PATH AS DIRECTED TO MEET THE NEW SIDEWALK FACILITIES.

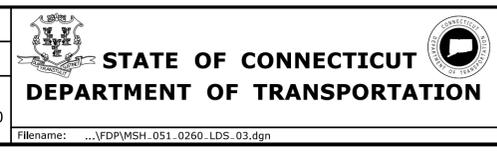


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S. FIEDLER
 CHECKED BY:
M. CALABRESE
 SCALE IN FEET
 0 40 80
 SCALE 1"=40'



SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
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PROJECT TITLE:
SAFETY & TRAFFIC OPERATIONAL IMPROVEMENTS ON ROUTE 4 (FARMINGTON AVE) FROM GARDEN ST. TO MOUNTAIN SPRING RD.

TOWN:
FARMINGTON
 DRAWING TITLE:
LANDSCAPE DESIGN SHEET

PROJECT NO.
51-260
 DRAWING NO.
LDS-03
 SHEET NO.
11.03

PLANT LIST - TREES

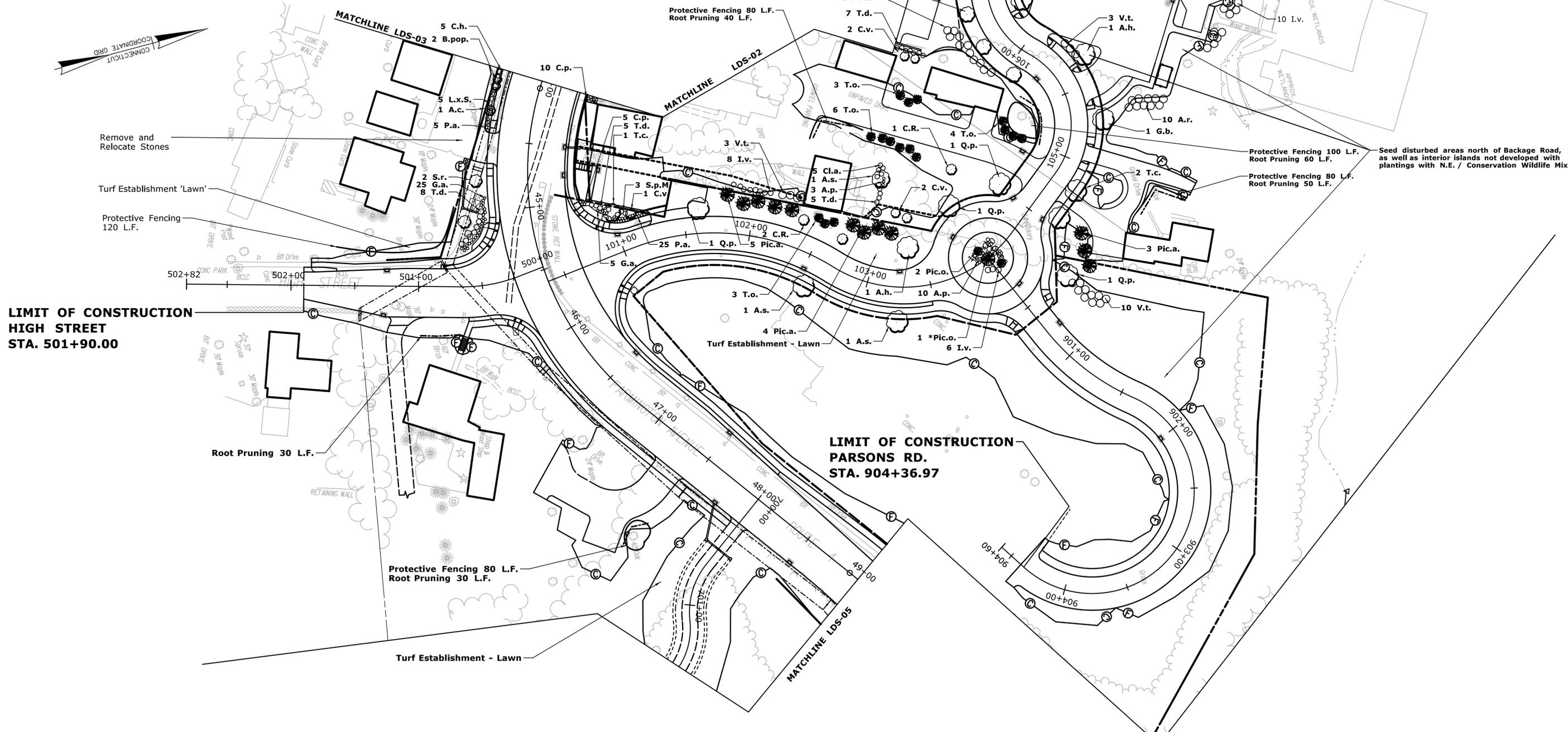
KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	SPACING	
A.c.	<i>Acer campestre</i>	Hedge Maple	2 1/2" - 3" Cal. B.B.	1	Field Located	
A.r.	<i>Acer rubrum</i>	Red Maple	6" - 8" Ht. Whip B.R.	25	8' On Center	
A.s.	<i>Acer saccharum</i> 'Columnare'	Columnar Sugar Maple	2" - 2 1/2" Cal. B.B.	3	Field Located	
A.h.	<i>Asculus hippocastanum</i> 'Boulevard'	Double Flowering Horsechestnut	2 1/2" - 3" Cal. B.B.	2	Field Located	
A.L.C.	<i>Amelanchier laevis</i>	Allegheny Serviceberry	2" - 2 1/2" Cal. B.B.	3	Field Located	Cumulus
B.pop.	<i>Betula populifolia</i>	Gray Birch	5" - 6" Ht. Clumps B.B.	5	Field Located	
C.v.	<i>Chionanthus virginicus</i>	White Fringe Tree	4" - 5" Ht. B.B.	5	Field Located	
C.R.	<i>Cornus rutgersi</i> 'Stellar Pink'	Stellar Pink Dogwood	10" - 15" Ht. B.B.	3	Field Located	
G.b.	<i>Ginkgo biloba</i>	Molden Hair Tree	2 1/2" - 3" Cal. B.B.	3	Field Located	
N.s.	<i>Nyssa sylvatica</i>	Black Tupelo	2 1/2" - 3" Cal. B.B.	1	Field Located	
Pic.a.	<i>Picea abies</i>	Norway spruce	5" - 6" Ht. B.B.	12	Field Located	
*Pic.o.	<i>Picea omorika</i>	Serbian Spruce	10" - 12" Ht. B.B.	1	Field Located	
Pic.o.	<i>Picea omorika</i>	Serbian Spruce	3" - 4" Ht. B.B.	2	Field Located	
Q.p.	<i>Quercus palustris</i>	Pin Oak	2" - 2 1/2" Cal. B.B.	5	Field Located	
S.r.	<i>Syringa reticulata</i> 'Ivory Silk'	Japanese Tree Lilac	2" - 2 1/2" Cal. B.B.	2	Field Located	
T.o.	<i>Thuja occidentalis</i> 'nigra'	Dark American Arborvitae	5" - 6" Ht. B.B.	16	5' On Center	
T.c.	<i>Tilia cordata</i>	Little Leaf Linden	2" - 2 1/2" Cal. B.B.	4	Field Located	

PLANT LIST - SHRUBS AND HERBACEOUS

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	SPACING	COMMENTS
A.p.	<i>Aster 'Purple Dome'</i>	Purple Dome Aster	1 Gallon Container	23	3' On Center	
C.p.	<i>Carex species</i>	Sedge	1 Gallon Container	75	2' On Center	Pennsylvania
Cl.a.	<i>Clethra alnifolia</i>	Summersweet	2" - 3" Ht. B.B.	5	4' On Center	
C.h.	<i>Cotoneaster horizontalis</i>	Rock cotoneaster	18" - 24" Ht. B.B.	15	4' On Center	
I.v.	<i>Ilex verticillata</i>	Common Winterberry	2" - 3" Ht. B.B.	24	4' On Center	
G.a.	<i>Gallardia aristata</i>	Blanket Flower	1 Gal.	30	2' On Center	
L.x.S.	<i>Leucanthemum x superba</i> spp.	Shasta Daisy	1 Gallon Container	20	3' On Center	
P.a.	<i>Pennisetum alopecuroides</i>	Little Bunny Pennisetum	1 Gallon Container	50	2' On Center	
S.p.M.	<i>Syringa patula</i> 'Miss Kim'	Miss Kim Lilac	18" - 24" Ht. Container	3	4' On Center	
T.d.	<i>Taxus cuspidata densiformis</i>	Dense Spreading Yew	2" - 2 1/2" Ht. B.B.	30	5' On Center	
V.t.	<i>Viburnum tomentosum</i>	Doublefile Viburnum	2" - 3" Ht. B.B.	30	6' On Center	
W.f.	<i>Weigela florida</i>	Old Fashioned Weigela	18" - 24" Container	4	5' On Center	
	Root Pruning			180 L.F.		
	Pine Bark Mulch			800 S.Y.		
	Protective Fencing			480 L.F.		
	N.E. Conservation/ Wildlife Mix			18,000 S.F.		
	Remove and Relocate Stones			Lump Sum		See Note 10
	Topsoiling			50 C.Y.		

NOTES

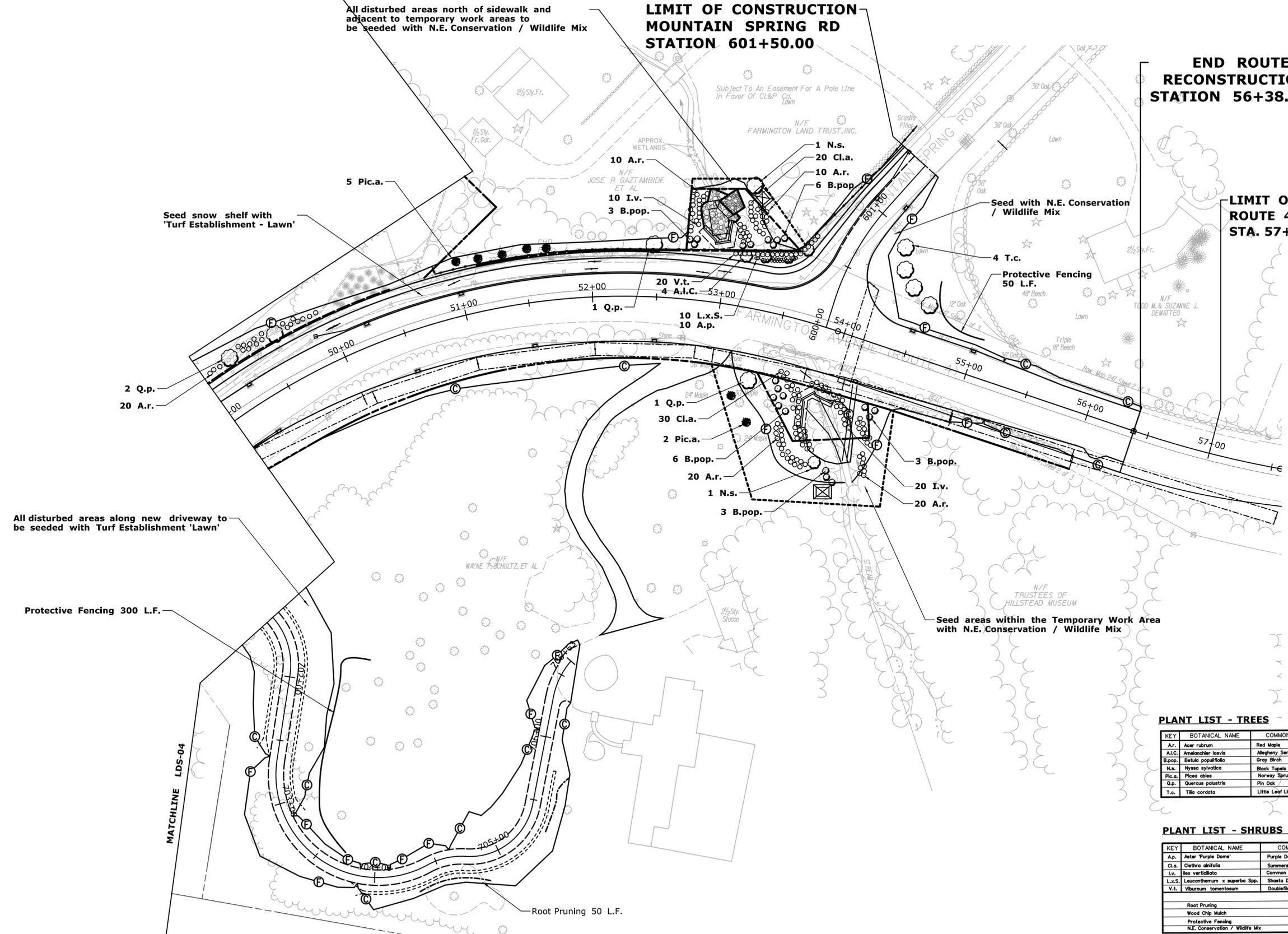
1. SEE LDS-03 FOR LANDSCAPE NOTES



**LIMIT OF CONSTRUCTION
MOUNTAIN SPRING RD
STATION 601+50.00**

**END ROUTE 4
RECONSTRUCTION
STATION 56+38.43**

**LIMIT OF CONSTRUCTION
ROUTE 4
STA. 57+00.00**



PLANT LIST - TREES

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	SPACING	COMMENTS
A.r.	<i>Acer rubrum</i>	Red Maple	6'-8' Ht. White B.B.	80	6' On Center	
A.I.C.	<i>Amelanchier laevis</i>	Allegheny Serviceberry	2" - 2 1/2" Cal. B.B.	4	Field Located	Cumulus
B.pop.	<i>Betula populifolia</i>	Gray Birch	5" - 6" Ht. Clump B.B.	21	Field Located	
N.a.	<i>Nyssa sylvatica</i>	Black Tupelo	2 1/2" - 3" Cal. B.B.	2	Field Located	
Pic.a.	<i>Picea abies</i>	Norway Spruce	5'-6" Ht. B.B.	7	Field Located	
Q.p.	<i>Quercus palustris</i>	Pin Oak	2" - 2 1/2" Cal. B.B.	4	Field Located	
T.c.	<i>Tilia cordata</i>	Little Leaf Linden	2" - 2 1/2" Cal. B.B.	4	Field Located	

PLANT LIST - SHRUBS AND HERBACEOUS

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	SPACING	COMMENTS
A.p.	<i>Aster 'Purple Dome'</i>	Purple Dome Aster	1 Gallon Container	10	3' On Center	
Cl.a.	<i>Clethra alnifolia</i>	Summersweet	2'-3" Ht. B.B.	50	4' On Center	
I.v.	<i>Ilex verticillata</i>	Common Winterberry	2'-3" Ht. B.B.	30	4' On Center	
L.x.s.	<i>Leucosiphum x superba</i> Spp.	Sheeps Daisy	1 Gallon Container	10	3' On Center	
V.t.	<i>Viburnum tomentosum</i>	Doublefile Viburnum	2'-3" Ht. B.B.	20	6' On Center	
				50 L.F.	Root Pruning	
				600 S.Y.	Wood Chip Mulch	
				350 L.F.	Protective Fencing	
				18,000 S.F.	N.E. Conservation / Wildlife Mix	

NOTES

1. SEE LDS-03 FOR LANDSCAPING NOTES.

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DESIGNER/DRAFTER:
S. FIEDLER

CHECKED BY:
M. CALEBRESE

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

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

FILENAME: ...FDPM\MSH_051_0260_LDS_05.dgn

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