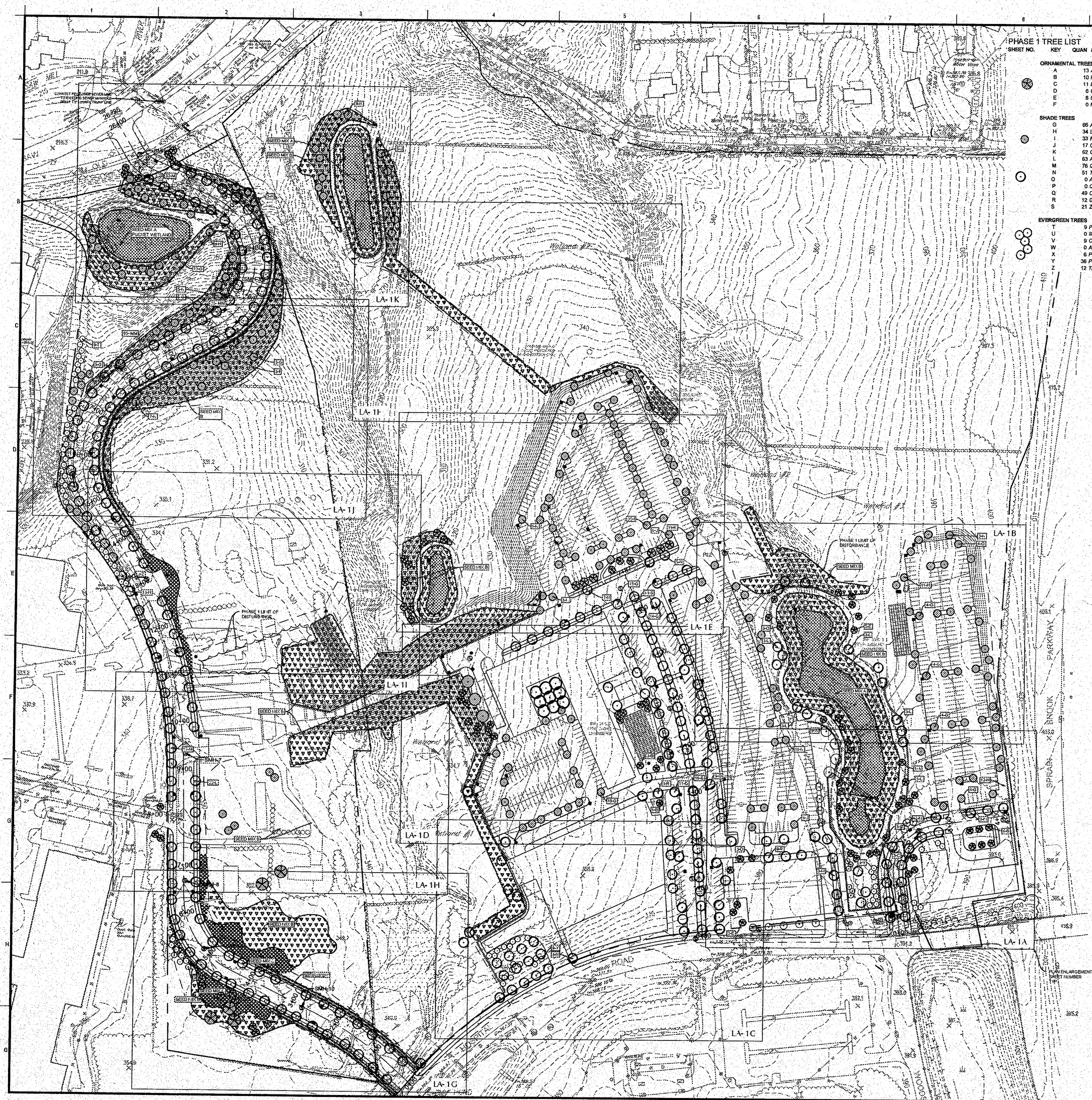

PHASE 1 TREE LIST

SHEET NO.	KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ORNAMENTAL TREES						
	A	13	*Amelanchier canadensis*	Canadian Serviceberry	3.5-4" min.	B&B
	B	10	*Prunus serrulata 'Kwanzan'*	Kwanzan Cherry	3.5-4" min.	B&B
	C	11	*Betula nigra 'Heritage'*	Heritage River Birch	3.5-4" min.	B&B
	D	6	*Cercis canadensis*	Redbud	3.5-4" min.	B&B
	E	8	*Cornus florida*	Flowering Dogwood	3.5-4" min.	B&B
	F	0	*Magnolia virginiana*	Sweet Bay Magnolia	3.5-4" min.	B&B
SHADE TREES						
	G	86	*Acer rubrum 'October Glory'*	Red Maple	4" cal.	
	H	34	*Liquidambar styraciflua*	Sweetgum	2.5-3" cal.	B&B
	I	33	*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
	J	17	*Oxydendrum arboreaum*	Sourwood	2.5-3" cal.	B&B
	K	62	*Quercus bicolor*	Swamp White Oak	2.5-3" cal.	B&B
	L	63	*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal.	B&B
	M	76	*Quercus palustris*	Pin Oak	4.5-5" cal.	B&B
	N	51	*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
	O	0	*Acer saccharum 'Green Mountain*	Sugar Maple	4.5-5" cal	B&B
	P	0	*Quercus rubra*	Red Oak	5-6" cal.	B&B
	Q	49	*Celtus occidentalis*	Hackberry	5-6" cal.	
	R	12	*Gleditsia triacanthos 'Shademaster'*	Shademaster Thornless Honeylocust	5-6" cal.	B&B
	S	21	*Zelcova serrata 'Green Vase'*	Green Vase Zelcova	5-6" cal.	B&B
						B&B
EVERGREEN TREES						
	T	9	*Picea glauca*	White Spruce	12' min.	B&B
	U	0	*Ilex opaca*	American Holly	8' min.	B&B
	V	9	*Cercis canadensis*	Redbud	3" cal.	B&B
	W	0	*Abies concolor*	White Fir	10' min.	B&B
	X	6	*Pinus strobus 'Fastigiata'*	Upright White Pine	10' mn.	B&B
	Y	36	*Picea glauca*	White Spruce	10' min	B&B
	Z	12	*Thuja plicata 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B

SEED MIX A

* NEW ENGLAND WETMIX - Supplied by New England Wetland Plants, Inc. 820 West St. Amherst, MA, 01002. Phone (413)548-8000. APPLICATION RATE: 1 lb./2500 sq. ft.18 lbs./acre. Seedmix includes: Fox Sedge, Lurid Sedge, Blunt Broom Sedge , Blue Vervain, Fowl Bluegrass, Hop Sedge, Green Bulrush, Creeping Spike Rush, Fringed Sedge, Soft Rush, Spotted Joe Pye Weed, Rattlesnake Grass, Swamp aster, Blueflag, Swamp Milkweed, Square stemmed Monkey Flower.

* The wetland seeds in this mix can be sown by hand, with a hand held spreader, or hydro-seeded on large or hard to reach sites. Lightly rake to insure good seed to soil contact. Seeding can take place on frozen soil, as the freezing and thawing weather of late fall and late winter will work the seed into the soil. If spring conditions are drier than usual watering may be required. If sowing during the summer months supplemental watering will likely be required until germination. A light mulch of clean, weed free straw is recommended. Please consult Landscape Architect before completion of final grading for seeding application.

SEED MIX B

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SEED MIX C

*LESCO Sun & Shade Park Seed Mixture- Supplied by SiteOne Landscape Supply. Adress is 1081 King St, Greenwich, CT 06831. Phone: (203) 531-7352 https://www.siteone.com/en/20-80-250-lesco-sun-shade-park-seed-mixture-50-lb-lp/1645252/

Sun & Shade Park Mix will do well under a wide range of maintenance levels and can be established in full sun to partially shaded conditions. Sun & Shade Park Mix will provide turf with a fine texture, good mowing quality, and withstand moderate traffic. Sun & Shade Park Mix will establish quickly for maximum competition against annual weeds. Moderate to low maintenance, advanced generation cultivators, quick to establish, and good for sun and shade. Not regulated. Comes in 50 lb bag.

Compositions: 34% Turf- Type Perennial Ryegrass, 33% Fine Fescues, 33% Shamrock KBG
Coverage Area:3-4 lb./1,000 sq. ft.
Brand Name:LESCO

TREE DENSITY CALCULATIONS

TO COMPLY WITH THE TREE PRESERVATION ORDINANCE OF THE TOWN OF MOUNT PLEASANT

REQUIRED DENSITY FACTOR FOR THE SITE (DFS)

DFS = 78.9172 acres x 15 = 1183.76

EXISTING DENSITY FACTOR (EDF)

Overall site Phase 1 trees to remain

caliper	density factor	# of trees	tree x DF
10"	0.6	145	87
12"	0.8	163	130.4
14"	1.1	95	104.5
16"	1.4	65	91
18"	1.8	48	86.4
20"	2.2	32	70.4
22"	2.6	9	23.4
24"	3.1	39	120.9
26"	3.7	14	51.8
28"	4.3	18	77.4
30"	4.9	29	142.1
32"	5.5	9	49.5
36"	7	21	147
38"	7.5	2	15
40"	8	13	104
			1300.8

REQUIRED REPLACEMENT DENSITY (RDF)

RDF = DFS - EDF
RDF = 1183.76 - 1300.8 = -117.04
RDF MET - NO REPLACEMENT NECESSARY

~~REQUIRED~~ REPLACEMENT DENSITY (RDF) PROVIDED

Phase 1 # TREES	CALIPER INCHES	DENSITY FACTOR	VALUE	
72	1-2"	0.4	28.8	EVERGREENS
212	2-3"	0.5	106	SMALL CALIPER SHADE
46	3-4"	0.5	23.5	ORNAMENTALS
190	4-5"	0.7	133	SHADE TREES
22	5-6"	1	82	STREET TREES
			378.6	

REQUIRED DENSITY FACTOR FOR THE SITE (DFS) PROVIDED

EDF + RDF = 1300.8 + 378.6= 1679.4
1679.4 > 1183.76, therefore DENSITY SATISFIED

SCALE 1" = 80'
0 80' 160' 240'

DATE

NO Revisions or Type of Drawing Submittal

Seal:

If Landscape Architect's Seal is not in a contrasting color, this sheet's copy and it not valid

Title:
PHASE 1
OVERALL SITE TREE PLANTING PLAN & KEY

Project:
THE NORTH 60
HOSPITAL RD & ROUTE 9A
MOUNT PLEASANT, NY

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STUDER DESIGN ASSOCIATES, INC.
LANDSCAPE ARCHITECTS AND SITE PLANNERS
679 Danbury Road
Ridgefield, CT. 06877
(203) 894-1428 Phone
(203) 894-1429 Fax

Date: JAN 7TH 2020
Drawn By: SMB
Scale: 1" = 80'
North: N
Sheet: LA - 1

SEED MIX A

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* The wetland seeds in this mix can be sown by hand, with a hand held spreader, or hydro-seeded on large or hard to reach sites. Lightly rake to insure good seed to soil contact. Seeding can take place on frozen soil, as the freezing and thawing weather of late fall and late winter will work the seed into the soil. If spring conditions are drier than usual watering may be required. If sowing during the summer months supplemental watering will likely be required until germination. A light mulch of clean, weed free straw is recommended. Please consult Landscape Architect before completion of final grading for seeding application.

SEED MIX B

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SEED MIX C

*LESCO Sun & Shade Park Seed Mixture- Supplied by SiteOne Landscape Supply. Adress is 1081 King St, Greenwich, CT 06831. Phone: (203) 531-7352 https://www.siteone.com/en/20-80-250-lesco-sun-shade-park-seed-mixture-50-lb/p/164525

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Compositions: 34% Turf - Type Perennial Ryegrass; 33% Fine Fescues, 33% Shamrock KBG
Coverage Area:3-4 lb./1,000 sq. ft.
Brand Name:LESCO

- SEE SHEET LA- 1 FOR PHASE 1 TOTAL TREE QUANTITIES

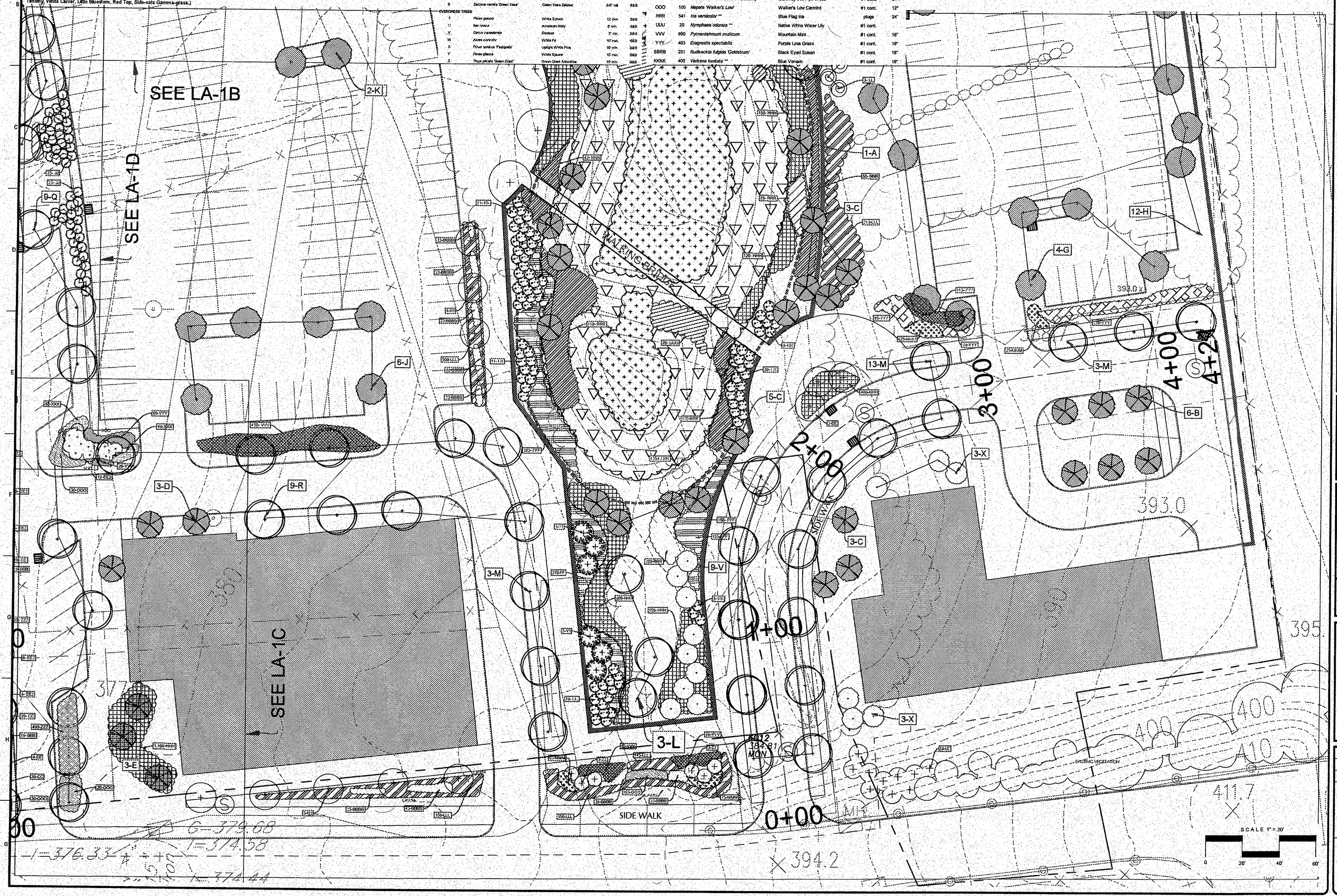
PHASE 1- TREE LIST

KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ORNAMENTAL TREES					
A		*Amelanchier canadensis*	Canadian Serviceberry	3.5-4" min	B&B
B		*Prunus serrulata 'Kwanzan'*	Kwanzan Cherry	3.5-4" min	B&B
C		*Betula nigra 'Heritage'*	Heritage River Birch	3.5-4" min	B&B
D		*Cercis canadensis*	Redbud	3.5-4" min.	B&B
G		*Cornus florida*	Flowering Dogwood	3.5-4" min.	B&B
F		*Magnolia virginiana*	Sweet Bay Magnolia	3.5-4" min.	B&B
SHADE TREES					
O		*Acer rubrum 'October Glory'*	Red Maple	4" cal.	
H		*Liquidambar styraciflua*	Sweetgum	2.5-3" cal.	B&B
I		*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
J		*Cryptomeria japonica*	Sakonosi	2.5-3" cal	B&B
K		*Quercus bicolor*	Swamp White Oak	2.5-3" cal.	B&B
L		*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal.	B&B
M		*Quercus palustris*	Pin Oak	4.5-5" cal	B&B
N		*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
O		*Acer saccharum 'Green Mountain'*	Sugar Maple	4.5-5" cal.	B&B
P		*Quercus rubra*	Red Oak	5-6" cal.	B&B
Q		*Carya ovoidendis*	Hackberry	5-6" cal.	B&B
R		*Gleditsia triacanthos 'Shademaster'*	Shademaster Thornless Honeylocust	5-6" cal.	B&B
S		*Zelcova serrata 'Green Vase'*	Green Vase Zelcova	5-6" cal	B&B
EVERGREEN TREES					
T		*Picea glauca*	White Spruce	12 min	B&B
U		*Ilex opaca*	American Holly	8' min.	B&B
V		*Carya illinoinensis*	Pecan	3' min.	B&B
W		*Abies concolor*	White Fir	10' min.	B&B
X		*Pinus strobus 'Fastigiata'*	Upright White Pine	10 min	B&B
Y		*Picea glauca*	White Spruce	10 min.	B&B
Z		*Thuja plicata 'Green Giant'*	Green Giant Arborvitae	10 min	B&B

PLANT LIST - SHEET 1A

*wetland plant ** tolerates submersion

ORNAMENTAL TREES					
V1	6	*Cercis canadensis*	Redbud	3" cal.	B&B
SHADE TREES					
N1	9	*Tilia americana 'Redmond'*	American Linden	4.5" - 5" cal.	B&B
SHRUBS					
EE	3	*Hydrangea paniculata 'Limelight'*	Limelight Hydrangea	Standard	
KK	80	*Ilex verticillata* *	Winterberry	3-4' ht.	
LL	13	*Itea virginica 'Henry's Garnet'* *	Virginia Sweetspire	3-4' ht.	
ZZ	6	*Hydrangea quercifolia*	Oakleaf Hydrangea	3-4' ht.	
PERENNIALS, GRASSES AND FERNS					
FFF	727	*Carex muskingumensis* **	Palm Sedge	pluga	12"
HHH	2,220	*Carex stricta* **	Tussock Sedge	pluga	12"
LLL	2,061	*Deschampsia cespitosa*	Tufted Hair Grass	#1 cont.	12"
MMM	300	*Echinacea purpurea*	Purple Coneflower	#1 cont.	12"
NNN	92	*Eutrochium maculatum 'Gateway'* **	Gateway Joe Pye Weed	#1 cont.	24"
OOO	105	*Nepeta 'Walker's Low'*	Walker's Low Catmint	#1 cont.	12"
RRR	541	*Iris versicolor* **	Blue Flag Iris	pluga	24"
UUU	20	*Nymphaea odorata* **	Native White Water Lily	#1 cont.	
VVV	690	*Pycnanthemum muticum*	Mountain Mint	#1 cont.	18"
YYY	403	*Eragrostis spectabilis*	Purple Love Grass	#1 cont.	18"
BBBB	231	*Rudbeckia fulgida 'Goldstrum'*	Black Eyed Susan	#1 cont.	18"
KKKK	405	*Verbena hastata* **	Blue Vervain	#1 cont.	18"



DATE:

NO.	Revisions or Type of Drawing Submittal

Seal:

If Landscape Architect's Seal is not in a contrasting color, this sheet is a copy and is not valid.

Title:

PHASE I

PARTIAL SITE PLANTING PLAN

AREA 1A

Project:

THE NORTH 60

HOSPITAL RD & ROUTE 9A
MOUNT PLEASANT, NY

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STUDER DESIGN ASSOCIATES, INC.
LANDSCAPE ARCHITECTS AND SITE PLANNERS
679 Danbury Road
Ridgefield, CT. 06877
(203) 894-1428 Phone
(203) 894-1429 Fax

Date:	1/29/2021
Drawn By:	SMB
Scale:	1" = 20'
North:	N

Sheet:

LA - 1A

SEED MIX A

* NEW ENGLAND WETMIX - Supplied by New England Wetland Plants, Inc, 820 West St. Amherst, MA, 01002. Phone (413)548-8000. APPLICATION RATE: 1 lb./2500 sq. ft.16 lbs./acre. Seedmix includes: Fox Sedge, Lurid Sedge, Bknt Broom Sedge , Blue Vervain, Fowl Bluegrass, Hop Sedge, Green Bulrush, Creeping Spike Rush, Fringed Sedge, Soft Rush, Spotted Joe Pye Weed, Rattlesnake Grass, Swamp aster, Blueflag, Swamp Milkweed, Square stemmed Monkey Flower.

* The wetland seeds in this mix can be sown by hand, with a hand held spreader, or hydro-seeded on large or hard to reach sites. Lightly rake to insure good seed to soil contact. Seeding can take place on frozen soil, as the freezing and thawing weather of late fall and late winter will work the seed into the soil. If spring conditions are drier than usual watering may be required. If sowing during the summer months supplemental watering will likely be required until germination. A light mulch of clean, weed free straw is recommended. Please consult Landscape Architect before completion of final grading for seeding application.

SEED MIX B

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SEED MIX C

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Coverage Area:3-4 lb./1,000 sq. ft.
Brand Name:LESCO

- SEE SHEET LA- 1 FOR PHASE 1 TOTAL TREE QUANTITIES

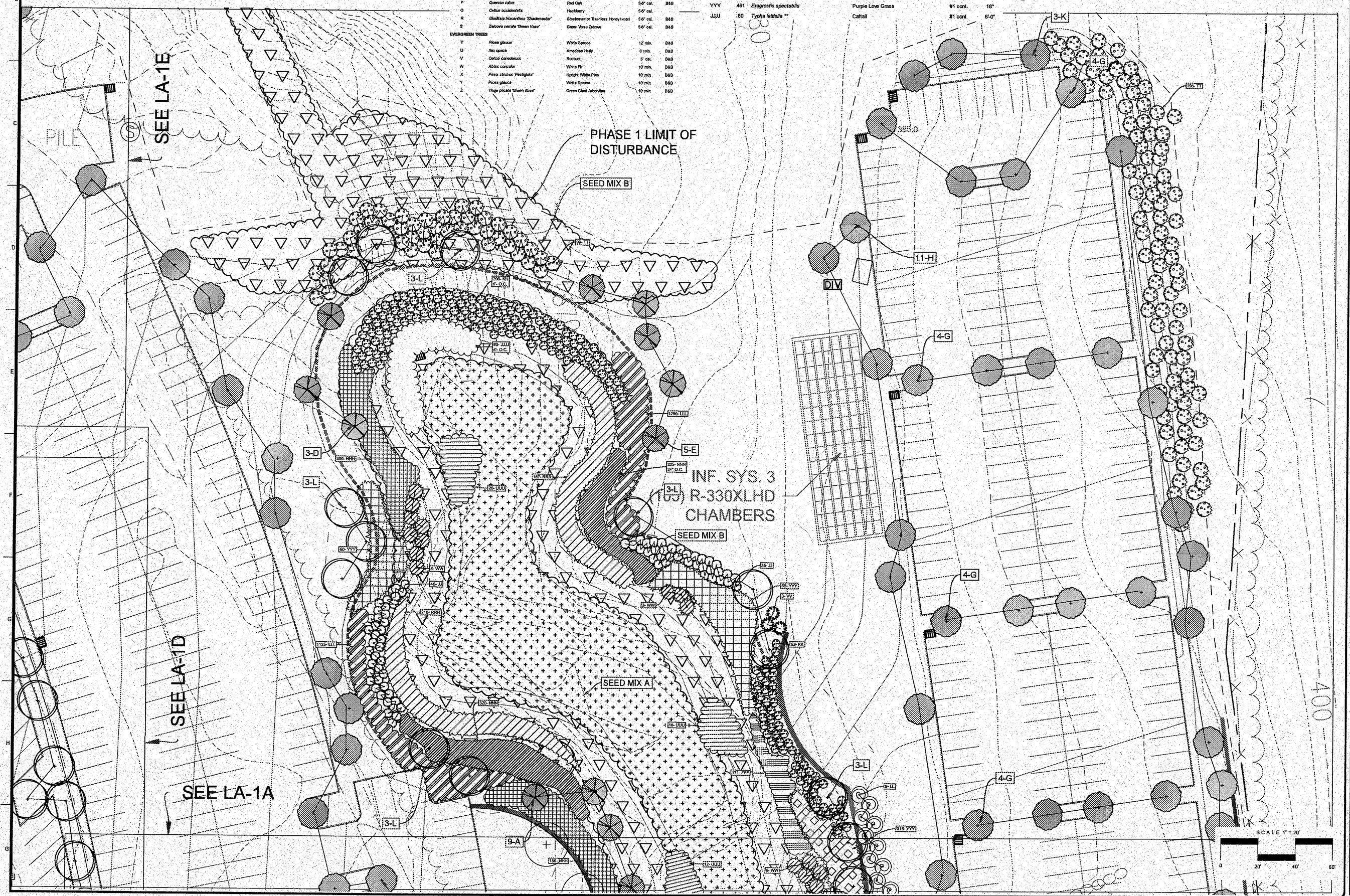
PHASE 1- TREE LIST

KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ORNAMENTAL TREES					
A		*Amelanchier canadensis*	Canadian Serviceberry	3.5-4" min.	B&B
B		*Prunus cerasifera 'Krwanzan'*	Kwanzan Cherry	3.5-4" min.	B&B
C		*Betula nigra 'Heritage'*	Heritage River Birch	3.5-4" min.	B&B
D		*Cercis canadensis*	Redbud	3.5-4" min.	B&B
E		*Cornus florida*	Flowering Dogwood	3.5-4" min.	B&B
F		*Magnolia virginiana*	Sweet Bay Magnolia	3.5-4" min.	B&B
SHADE TREES					
G		*Acer rubrum 'October Glory'*	Red Maple	4" cal.	
H		*Liquidambar styraciflua*	Sweetgum	2.5-3" cal.	B&B
I		*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
J		*Oxydendrum arboreum*	Sourwood	2.5-3" cal.	B&B
K		*Quercus bicolor*	Swamp White Oak	2.5-3" cal.	B&B
L		*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal.	B&B
M		*Quercus palustris*	Pin Oak	4.5-5" cal.	B&B
N		*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
O		*Acer saccharum 'Green Mountain'*	Sugar Maple	4.5-5" cal.	B&B
P		*Quercus rubra*	Red Oak	5-6" cal.	B&B
Q		*Celtus occidentalis*	Hackberry	5-6" cal.	
R		*Gleditsia triacanthos 'Shademaster'*	Shademaster Thornless Honeylocust	5-6" cal.	B&B
S		*Zelkova serrata 'Green Vase'*	Green Vase Zelkova	5-6" cal.	B&B
EVERGREEN TREES					
T		*Picea glauca*	White Spruce	12' min.	B&B
U		*Ilex opaca*	American Holly	8' min.	B&B
V		*Cercis canadensis*	Redbud	3" cal.	B&B
W		*Abies concolor*	White Fir	10' min.	B&B
X		*Pinus strobus 'Fastigiata'*	Upright White Pine	10' min.	B&B
Y		*Picea glauca*	White Spruce	10' min.	B&B
Z		*Thuja plicata 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B

PLANT LIST - SHEET 1B

* wetland plant ** tolerates submersion

SHRUBS					
JJ	75	*Ilex glabra* *	Inkberry	24-30" ht.	B&B
KK	263	*Ilex verticillata* *	Winterberry	3-4' ht.	
LL	9	*Itea virginica 'Henry's Garnet'* *	Virginia Sweetspire	3-4' ht.	
TT	297	*Sambucus canadensis* *	American Elderberry	3-4' ht.	
VV	3	*Viburnum dentatum 'Chicago Luster'*	Chicago Luster Arrowwood	3-4' ht.	
WW	17	*Viburnum nudum* *	Smooth Witherod	3-4' ht.	
PERENNIALS, GRASSES AND FERNS					
FFF	171	*Carex muskingumensis* **	Palm Sedge	plugs	12"
HHH	456	*Carex stricta* **	Tussock Sedge	plugs	12"
LLL	2,375	*Deschampsia cespitosa*	Tufted Hair Grass	#1 cont.	12"
NNN	545	*Eutrochium maculatum 'Gateway'* **	Gateway Joe Pye Weed	#1 cont.	24"
RRR	405	*Iris versicolor* **	Blue Flag Iris	plugs	24"
UUU	50	*Nymphaea odorata* **	Native White Water Lily	#1 cont.	
YYY	461	*Eragrostis spectabilis*	Purple Love Grass	#1 cont.	18"
JJJ	80	*Typha latifolia* **	Cattail	#1 cont.	6'-0"



DATE

NO.	Revisions or Type of Drawing Submittal

Seal:

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Title:

PHASE 1

PARTIAL SITE PLANTING PLAN

AREA 1B

Project:

THE NORTH 60

HOSPITAL RD & ROUTE 9A
MOUNT PLEASANT, NY

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Date:	1/29/2021
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SEED MIX B

*New England Erosion Control/Restoration Mix for dry sites- from New England Wetland Plants, Inc. phone 413.548.8000 Application Rate: 1250 s.f. per pound. The mix may be applied by hydroseeding, by mechanical spreader, or on small sites it may be spread by hand. When applying on bare soil, rake the soil to create grooves , apply seed, then lightly rake over. This mix may be applied at any time of the year. A light mulching of weed-free straw to conserve moisture and to aid in slope stabilization is recommended. (Species include, Creeping Red Fescue, Annual Rye-grass, Timothy, White Clover, Little Bluestem, Red Top, Side-oats Gamma-grass.)

SEED MIX C

'LESCO Sun & Shade Park Seed Mixture- Supplied by SiteOne Landscape Supply. Adress is 1081 King St, Greenwich, CT 06831. Phone: (203) 531-7152 https://www.siteone.com/en/20-80-250-lesco-sun-shade-park-seed-mixture-50-lb/p/164525

Sun & Shade Park Mix will do well under a wide range of maintenance levels and can be established in full sun to partially shaded conditions. Sun & Shade Park Mix will provide turf with a fine texture, good mowing quality, and withstand moderate traffic. Sun & Shade Park Mix will establish quickly for maximum competition against annual weeds, Moderate to low maintenance, advanced generation cultivators, quick to establish, and good for sun and shade. Not regulated.Comes in 50 lb bag.

Composition:c: 34% Turf - Type Perennial Ryegrass, 33% Fine Fescues, 33% Shamrock KBG
Coverage Area:3-4 lb./1,000 sq. ft.
Brand Name:LESCO

- SEE SHEET LA- 1 FOR PHASE 1 TOTAL TREE QUANTITIES

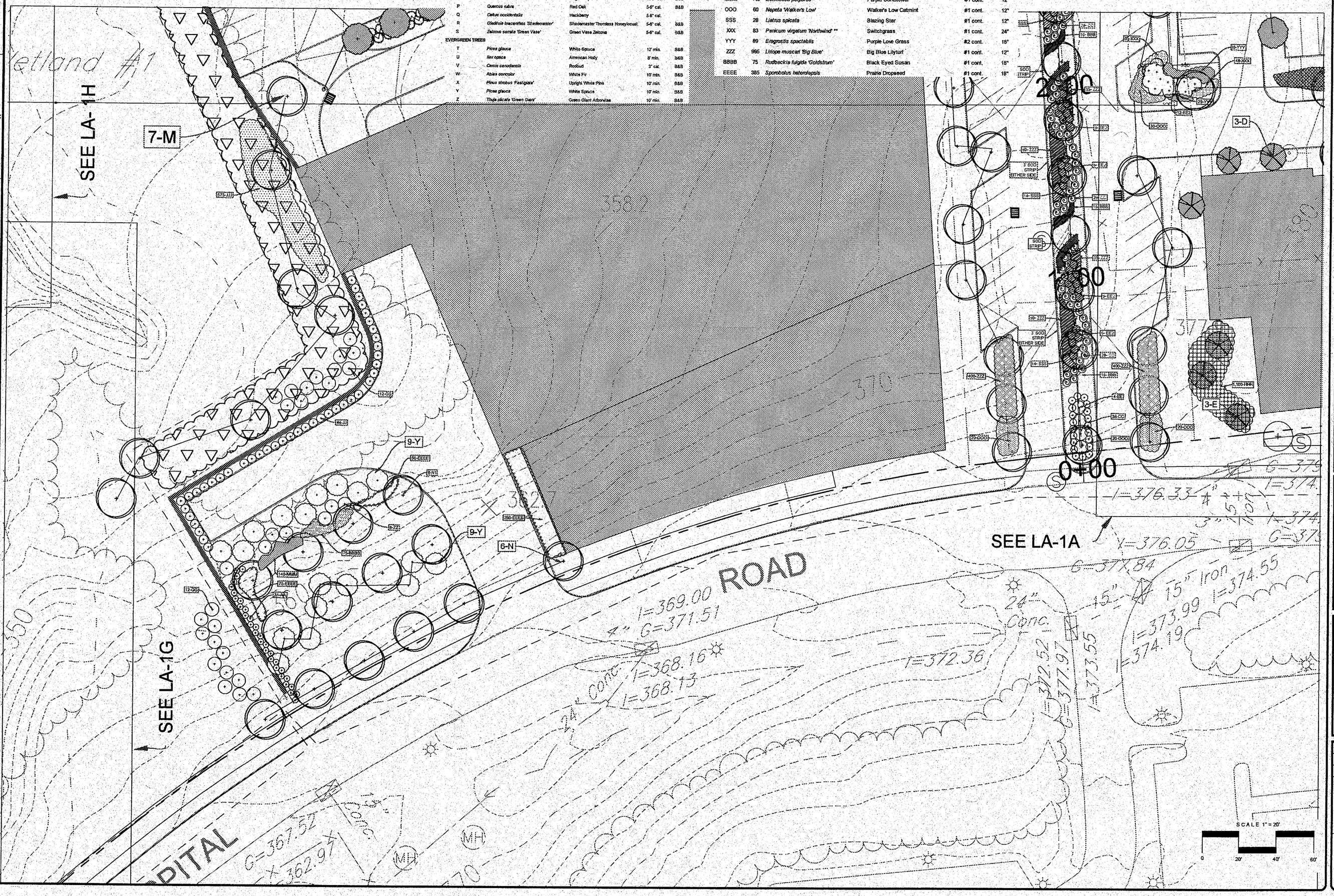
PHASE 1- TREE LIST

KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ORNAMENTAL TREES					
A		*Amelanchier canadensis*	Canadian Serviceberry	3.5-4" min.	B&B
B		*Prunus serrulata 'Kwanzan'*	Kwanzan Cherry	3.5-4" min.	B&B
C		*Betula nigra 'Heritage'*	Heritage River Birch	3.5-4" min.	B&B
D		*Cercis canadensis*	Redbud	3.5-4" min.	B&B
E		*Cornus florida*	Flowering Dogwood	3.5-4" min.	B&B
F		*Magnolia virginiana*	Sweet Bay Magnolia	3.5-4" min.	B&B
SHADE TREES					
G		*Acer rubrum 'October Glory'*	Red Maple	4" cal.	
H		*Liquidambar styraciflua*	Sweetgum	2.5-3" cal.	B&B
I		*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
J		*Oxydendrum arboreum*	Sourwood	2.5-3" cal.	B&B
K		*Quercus bicolor*	Swamp White Oak	2.5-3" cal.	B&B
L		*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal.	B&B
M		*Quercus palustris*	Pin Oak	4.5-5" cal.	B&B
N		*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
O		*Acer saccharum 'Green Mountain*	Sugar Maple	4.5-5" cal	B&B
P		*Quercus rubra*	Red Oak	5-6" cal.	B&B
Q		*Celtus occidentalis*	Hackberry	5-6" cal.	
R		*Gleditsia triacanthos 'Shademaster'*	Shademaster Thornless Honeylocust	5-6" cal.	B&B
S		*Zelcova serrata 'Green Vase'*	Green Vase Zelcova	5-6" cal.	B&B
EVERGREEN TREES					
T		*Picea glauca*	White Spruce	12' min.	B&B
U		*Ilex opaca*	American Holly	8' min.	B&B
V		*Cernis canadensis*	Redbud	3" cal.	B&B
W		*Abies concolor*	White Fir	10' min.	B&B
X		*Pinus strobus 'Fastigiata'*	Upright White Pine	10' min.	B&B
Y		*Picea glauca*	White Spruce	10' min.	B&B
Z		*Thuja plicata 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B

PLANT LIST - SHEET 1C

* wetland plant ** tolerates submersion

SHADE TREES					
N1	8	*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
SHRUBS					
AA	31	*Aronia arbutifolia 'Brilliantissima' **	Red Chokeberry	3-4' ht.	
CC	92	*Buxus sempervirens*	American Boxwood	24"	
EE	4	*Hydrangea paniculata 'Limelight'*	Limelight Hydrangea	standard	
EE2	28	*Hydrangea paniculata 'Limelight'*	Limelight Hydrangea	2-3' ht.	
GG	24	*Cornus sericea **	Red Osier Dogwood	3-4' ht.	
JJ	44	*Ilex glabra **	Inkberry	24-30" ht.	B&B
ZZ	8	*Hydrangea quercifolia*	Oakleaf Hydrangea	3-4' ht.	
PERENNIALS, GRASSES AND FERNS					
BBB	32	*Aquilegia canadensis*	Columbine	#1 cont.	12"
JJJ	575	*Chasmanthium latifolium*	Northern Sea Oats	#1 cont.	12"
MMM	140	*Echinacea purpurea*	Purple Coneflower	#1 cont.	12"
OOO	60	*Nepeta 'Walker's Low'*	Walker's Low Catmint	#1 cont.	12"
SSS	28	*Liatris spicata*	Blazing Star	#1 cont.	12"
XXX	83	*Panicum virgatum 'Northwind' ***	Switchgrass	#1 cont.	24"
YYY	89	*Eragrostis spectabilis*	Purple Love Grass	#2 cont.	18"
ZZZ	996	*Liriope muscari 'Big Blue'*	Big Blue Lilyturf	#1 cont.	12"
BBBB	75	*Rudbeckia fulgida 'Goldstrum'*	Black Eyed Susan	#1 cont.	18"
EEEE	385	*Sporobolus heterolepsis*	Prairie Dropseed	#1 cont.	18"



NO.	Revisions or Type of Drawing Submittal	DATE

Seal:

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Title:

PHASE I
PARTIAL SITE PLANTING PLAN
AREA IC

Project:

THE NORTH 60
HOSPITAL RD & ROUTE 9A
MOUNT PLEASANT, NY

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STUDER DESIGN ASSOCIATES, INC.
LANDSCAPE ARCHITECTS AND SITE PLANNERS
679 Danbury Road
Ridgefield, CT. 06877
(203) 894-1428 Phone
(203) 894-1429 Fax

Date:	1/29/2021
Drawn By:	SMB
Scale:	1" = 20'
North:	N
Sheet:	LA - 1C

SEED MIX A

* NEW ENGLAND WETMIX - Supplied by New England Wetland Plants, Inc, 820 West St. Amherst, MA, 01002, Phone (413)548-8000. APPLICATION RATE: 1 lb./2500 sq. ft.18 lbs./acre. Seedmix includes: Fox Sedge, Lurid Sedge, Bknt Broom Sedge , Blue Vervain, Fowl Bluegrass, Hop Sedge, Green Bulrush, Creeping Spike Rush, Fringed Sedge, Soft Rush, Spotted Joe Pye Weed, Rattlesnake Grass, Swamp aster, Blue flag, Swamp Milkweed, Square stemmed Monkey Flower.

* The wetland seeds in this mix can be sown by hand, with a hand held spreader, or hydro-seeded on large or hard to reach sites. Lightly rake to insure good seed to soil contact. Seeding can take place on frozen soil, as the freezing and thawing weather of late fall and late winter will work the seed into the soil. If spring conditions are drier than usual watering may be required. If sowing during the summer months supplemental watering will likely be required until germination. A light mulch of clean, weed free straw is recommended. Please consult Landscape Architect before completion of final grading for seeding application.

SEED MIX B

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SEED MIX C

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Compositions: 34% Turf- Type Perennial Ryegrass, 33% Fine Fescues, 33% Shamrock KSG
Coverage Area:3-4 lb./1,000 sq. ft.
Brand Name:LESCO

- SEE SHEET LA- 1 FOR PHASE 1 TOTAL TREE QUANTITIES

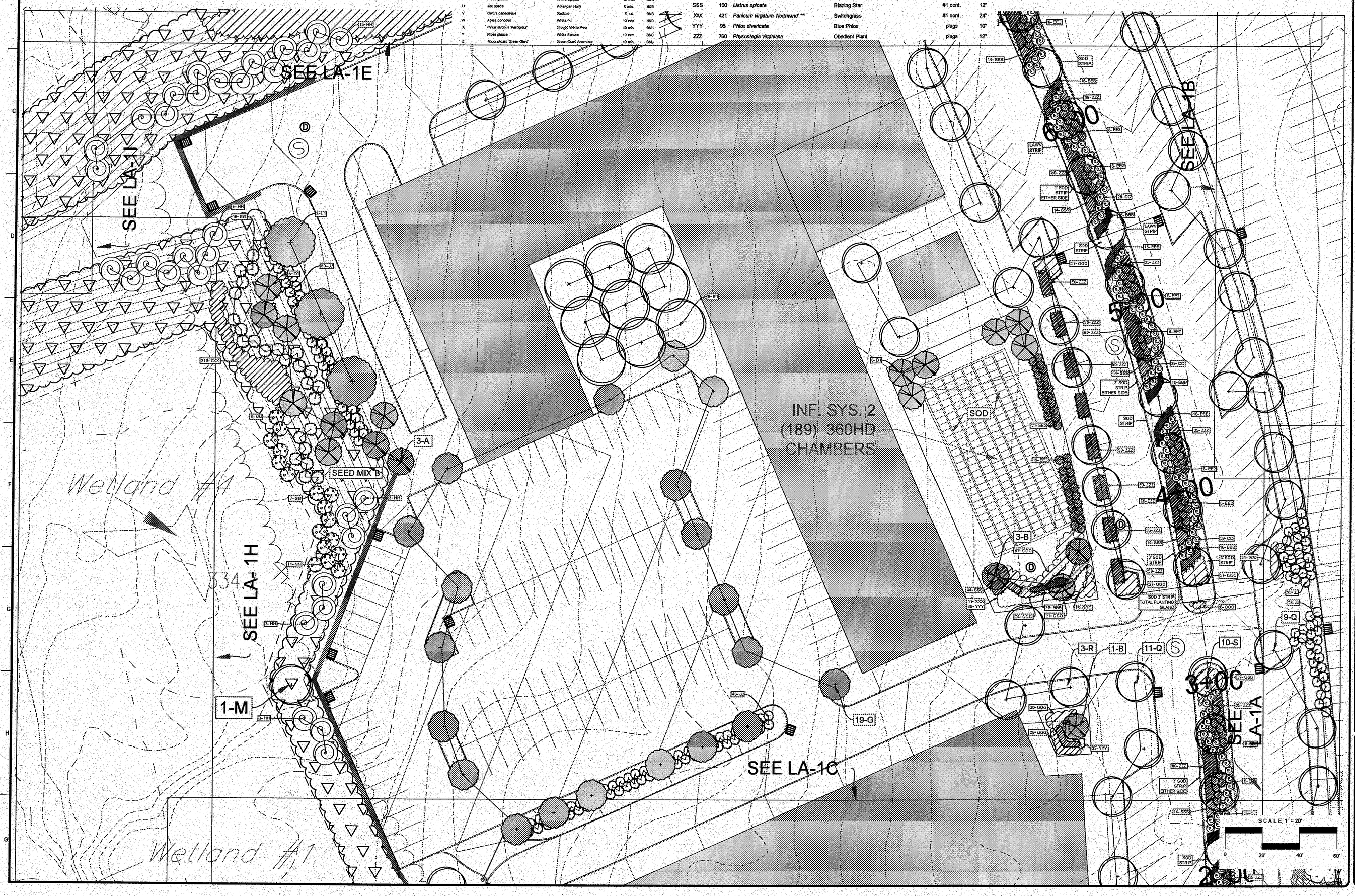
PHASE 1- TREE LIST

KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ORNAMENTAL TREES					
A		*Amelanchier canadensis*	Canadian Serviceberry	3.5-4" min.	B&B
B		*Prunus serotina 'Fiastigiata'*	Fastigiate Cherry	3.5-4" min.	B&B
C		*Betula nigra 'Heritage'*	Heritage River Birch	3.5-4" min.	B&B
D		*Cercis canadensis*	Redbud	3.5-4" min.	B&B
E		*Cornus florida*	Flowering Dogwood	3.5-4" min.	B&B
F		*Magnolia virginiana*	Sweet Bay Magnolia	3.5-4" min.	B&B
SHADE TREES					
G		*Acer rubrum 'October Glory'*	Red Maple	4" cal.	
H		*Liquidambar styraciflua*	Sweetgum	2.5-3" cal.	B&B
I		*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
J		*Oxydendrum arboreum*	Sourwood	2.5-3" cal.	B&B
K		*Quercus bicolor*	Swamp White Oak	2.5-3" cal.	B&B
L		*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal.	B&B
M		*Quercus palustris*	Pin Oak	4.5-5" cal.	B&B
N		*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
O		*Acer saccharum 'Green Mountain'*	Sugar Maple	4.5-5" cal.	B&B
P		*Quercus rubra*	Red Oak	3.5" cal.	B&B
Q		*Celtis occidentalis*	Hackberry	3.5" cal.	
R		*Gleditsia triacanthos 'Shademaster'*	Shademaster Thornless Honeylocust	3.5" cal.	B&B
S		*Zelcova serrata 'Green Vase'*	Green Vase Zelcova	3.5" cal.	B&B
EVERGREEN TREES					
T		*Picea glauca*	White Spruce	12' min.	B&B
U		*Ilex opaca*	American Holly	6' min.	B&B
V		*Cercis canadensis*	Redbud	3' cal.	B&B
W		*Abies concolor*	White Fir	10' min	B&B
X		*Picea abiolus 'Kemperi'*	Dwight Weeping Spruce	10' min.	B&B
Y		*Picea glauca*	White Spruce	10' min	B&B
Z		*Thuja occid. 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B

PLANT LIST - SHEET 1D

* wetland plant ** tolerates submersion

ORNAMENTAL TREES					
D1	12	*Cercis canadensis*	Redbud	2.5" - 3" cal.	B&B
SHADE TREES					
L1	3	*Acer rubrum 'Red Sunset'*	Red Maple	4" cal.	B&B
R1	9	*Gleditsia triacanthos 'Shademaster'*	Shademaster Thornless Honey Locust	5" cal.	B&B
SHRUBS					
EE2		*Hydrangea paniculata 'Limelight'*	Limelight Hydrangea	3.5'	Standard
GG	25	*Cornus sericea* *	Red Osier Dogwood	3-4' ht.	
HH	22	*Hammamelis virginiana* **	Witch Hazel	3-4' ht.	B&B
JJ	158	*Ilex glabra* *	Inkberry	24-30" ht.	B&B
PERENNIALS, GRASSES AND FERNS					
BBB	112	*Aquilegia canadensis*	Columbine	#1 cont.	12"
OOO	223	*Geranium maculatum*	Wild Geranium	#1 cont.	12"
QQQ	73	*Monarda didyma*	Bee Balm	#1 cont.	24"
SSS	100	*Liatrus spicata*	Blazing Star	#1 cont.	12"
XXX	421	*Panicum virgatum 'Northwind'* **	Switchgrass	#1 cont.	24"
YYY	95	*Phlox divericata*	Blue Phlox	plugs	10"
ZZZ	760	*Physostegia virginiana*	Obedient Plant	plugs	12"



NO.	Revisions or Type of Drawing Submittal	DATE
1		

Seal:

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Title:
PHASE 1
PARTIAL SITE PLANTING PLAN
AREA 1D

Project:
THE NORTH 60
HOSPITAL RD & ROUTE 9A
MOUNT PLEASANT, NY

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LANDSCAPE ARCHITECTS AND SITE PLANNERS
679 Danbury Road
Ridgefield, CT. 06877
(203) 894-1428 Phone
(203) 894-1429 Fax

Date:	1/29/2021
Drawn By:	SMB
Scale:	1" = 20'
North:	N
Sheet:	LA - 1D

SEED MIX A

* NEW ENGLAND WETMIX - Supplied by New England Wetland Plants, Inc, 820 West St, Amherst, MA, 01002. Phone (413)548-8000. APPLICATION RATE: 1 lb./2500 sq. ft,18 lbs./acre. Seedmix includes: Fox Sedge, Lurid Sedge, Blunt Broom Sedge , Blue Vervain, Fowl Bluegrass, Hop Sedge, Green Bulrush, Creeping Spike Rush, Fringed Sedge, Soft Rush, Spotted Joe Pye Weed, Rattlesnake Grass, Swamp aster, Bluetag, Swamp Milkweed, Square stemmed Monkey Flower.

* The wetland seeds in this mix can be sown by hand, with a hand held spreader, or hydro-seeded on large or hard to reach sites. Lightly rake to insure good seed to soil contact. Seeding can take place on frozen soil, as the freezing and thawing weather of late fall and late winter will work the seed into the soil. If spring conditions are drier than usual watering may be required. If sowing during the summer months supplemental watering will likely be required until germination. A light mulch of clean, weed free straw is recommended. Please consult Landscape Architect before completion of final grading for seeding application.

SEED MIX B

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SEED MIX C

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Compositions: 34% Turf - Type Perennial Ryegrass, 33% Fine Fescues, 33% Shamrock KBG
Coverage Area:3-4 lb./1,000 sq. ft.
Brand Name:LESCO

- SEE SHEET LA- 1 FOR PHASE 1 TOTAL TREE QUANTITIES

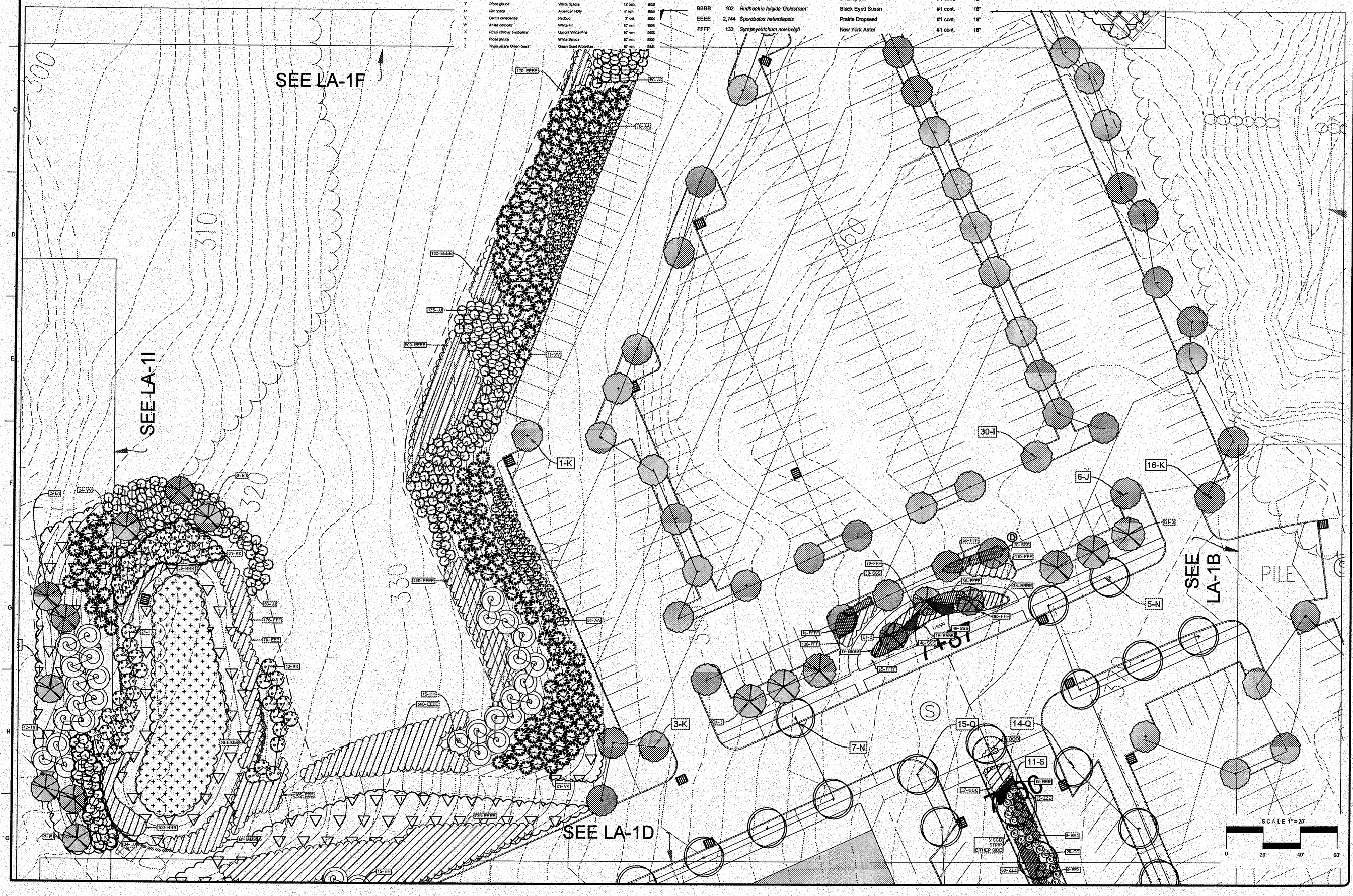
PHASE 1- TREE LIST

KEY	QUAN.	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ORNAMENTAL TREES					
A		*Amelanchier canadensis*	Canadian Serviceberry	3.5-4" min.	B&B
B		*Prunus serrulata 'Kwanzan'*	Kwanzan Cherry	3.5-4" min.	B&B
C		*Betula nigra 'Heritage'*	Heritage River Birch	3.5-4" min.	B&B
D		*Cercis canadensis*	Redbud	3.5-4" min.	B&B
E		*Cornus florida*	Flowering Dogwood	3.5-4" min.	B&B
F		*Magnolia virginiana*	Sweet Bay Magnolia	3.5-4" min.	B&B
SHADE TREES					
G		*Acer rubrum 'October Glory'*	Red Maple	4" cal.	
H		*Liquidambar styraciflua*	Sweetgum	3.5-3" cal.	B&B
I		*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
J		*Cryptomeria japonica*	Boxwood	2.5-3" cal.	B&B
K		*Quercus coccinea*	Scarlet/White Oak	2.5-3" cal.	B&B
L		*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal.	B&B
M		*Quercus palustris*	Pin Oak	4.5-5" cal.	B&B
N		*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
O		*Acer saccharum 'Green Mountain'*	Sugar Maple	4.5-5" cal.	B&B
P		*Quercus rubra*	Red Oak	5-6" cal.	B&B
Q		*Celtus occidentalis*	Hackberry	5-6" cal.	
R		*Gleditsia triacanthos 'Shademaster'*	Shademaster Thornless Honeylocust	5-6" cal.	B&B
S		*Zelkova serrata 'Green Vase'*	Green Vase Zelkova	5-6" cal.	B&B
EVERGREEN TREES					
T		*Picea glauca*	White Spruce	12' min.	B&B
U		*Ilex opaca*	American Holly	8' min.	B&B
V		*Cercis canadensis*	Redbud	3" cal.	B&B
W		*Abies concolor*	White Fir	10' min.	B&B
X		*Pinus strobus 'Fastigiata'*	Upright White Pine	10' min.	B&B
Y		*Picea glauca*	White Spruce	10' min.	B&B
Z		*Thuja plicata 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B

PLANT LIST - SHEET 1E

* wetland plant ** tolerates submersion

ORNAMENTAL TREES					
D1	6	*Cercis canadensis*	Redbud	2.5" - 3" cal.	B&B
E1	12	*Cornus florida*	Flowering Dogwood	2.5" - 3" cal.	B&B
SHRUBS					
AA	124	*Aronia arbutifolia 'Brilliantissima' **	Red Chokeberry	3-4' ht.	
HH	13	*Hamamelis virginiana **	Witch Hazel	3-4' ht.	B&B
JJ	276	*Ilex glabra **	Inkberry	24-30" ht.	B&B
KK	55	*Ilex verticillata **	Winterberry	3-4' ht.	
VV	156	*Viburnum dentatum 'Chicago Luster'*	Chicago Luster Arrowwood	3-4' ht.	
PERENNIALS, GRASSES AND FERNS					
EEE	244	*Asclepias tuberosa*	Butterfly Milkweed	#1 cont.	18"
FFF	592	*Carex muskingumensis ***	Palm Sedge	plugs	12"
MMM	96	*Echinacea purpurea*	Purple Coneflower	#1 cont.	12"
RRR	128	*Iris versicolor ***	Blue Flag Iris	plugs	24"
SSS	156	*Liatrus spicata*	Blazing Star	#1 cont.	12"
BBBB	102	*Rudbeckia fulgida 'Goldstrum'*	Black Eyed Susan	#1 cont.	18"
EEEE	2,744	*Sporobolus heterolepsis*	Prairie Dropseed	#1 cont.	18"
FFFF	133	*Symphyotichum novi-belgii*	New York Aster	#1 cont.	18"



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AREA 1E

Project:
THE NORTH 60
HOSPITAL RD & ROUTE 9A
MOUNT PLEASANT, NY

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Compositions: 34% Turf - Type Perennial Ryegrass, 33% Fine Fescues, 33% Shamrock KBG
Coverage Area:3-4 lb./1,000 sq. ft.
Brand Name:LESCO

- SEE SHEET LA- 1 FOR PHASE 1 TOTAL TREE QUANTITIES

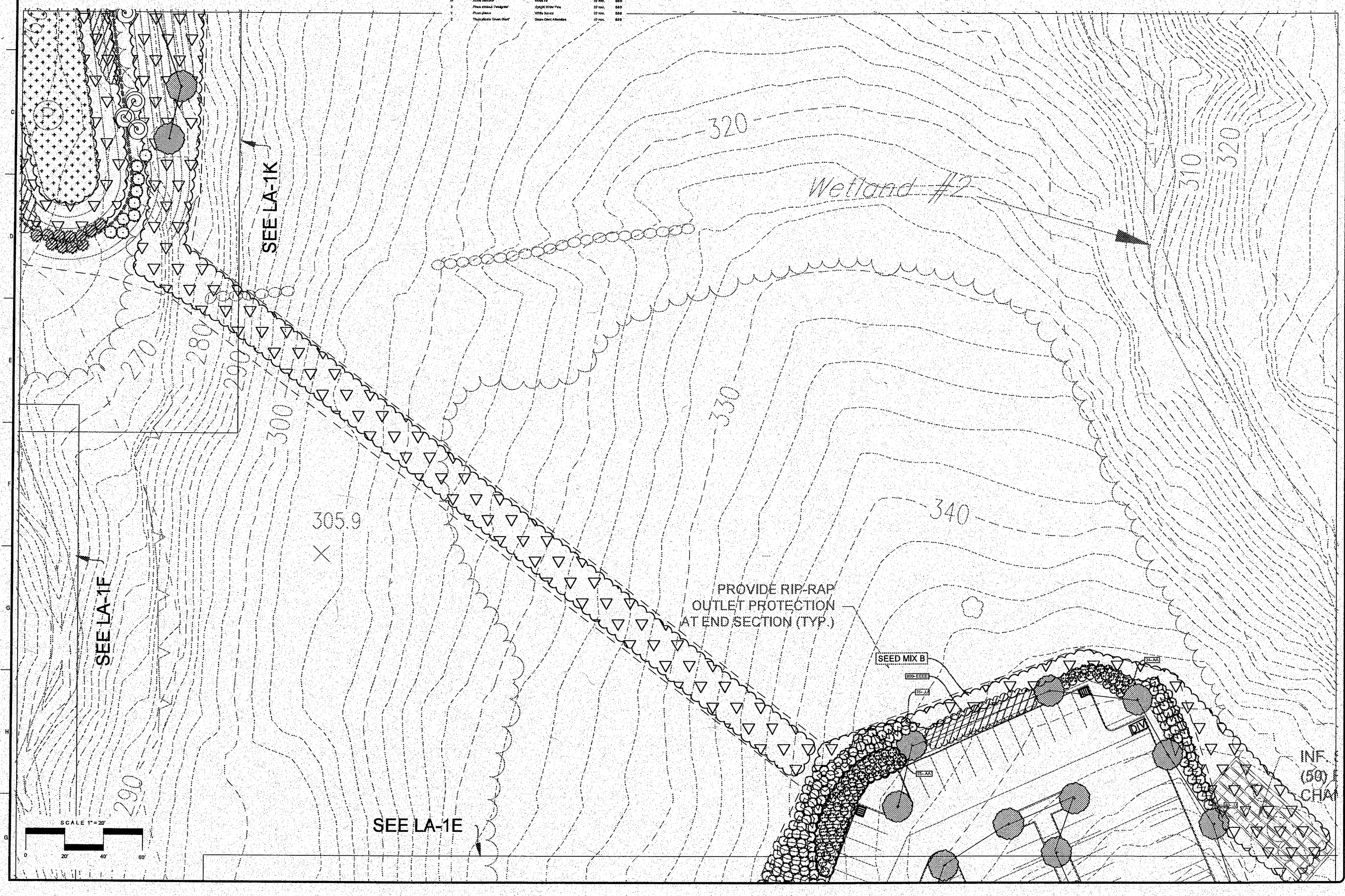
PHASE 1-TREE LIST

KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ORNAMENTAL TREES					
A		*Amelanchier canadensis*	Canadian Serviceberry	3.5-4" min.	B&B
H		*Prunus serrulata 'Kanzan'*	Kwanzan Cherry	3.5-4" min.	B&B
C		*Betula nigra 'Heritage'*	Heritage River Birch	3.5-4" min.	B&B
D		*Cercis canadensis*	Redbud	3.5-4" min.	B&B
E		*Cornus florida*	Flowering Dogwood	3.5-4" min.	B&B
F		*Magnolia virginiana*	Sweet Bay Magnolia	3.5-4" min.	B&B
SHADE TREES					
G		*Acer saccum 'Green Grey'*	Red Maple	4" cal.	
H		*Cupressocyparis leylandii*	Leylandii	2.5-3" cal.	B&B
I		*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
J		*Oxydendron arboreum*	Sourwood	2.5-3" cal.	B&B
K		*Quercus alba*	Eastern White Oak	2.5-3" cal.	B&B
L		*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal.	B&B
M		*Quercus palustris*	Pin Oak	4.5-5" cal.	B&B
N		*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
O		*Acer saccharum 'Green Mountain'*	Sugar Maple	4.5-5" cal.	B&B
P		*Quercus rubra*	Red Oak	5-6" cal.	B&B
Q		*Gymnocladus dioicus*	Kentucky	5-6" cal.	B&B
R		*Gleditsia triacanthos 'Shademaster'*	Shademaster Thornless Honeylocust	5-6" cal.	B&B
S		*Zelkova serrata 'Green Vase'*	Green Vase Zelkova	5-6" cal.	B&B
EVERGREEN TREES					
T		*Picea glauca*	White Spruce	12' min.	B&B
U		*Juniperus*	Juniperus Holly	8' min.	B&B
V		*Cedrus deodarensis*	Redbud	3" cal.	B&B
W		*Abies concolor*	White Fir	10' min.	B&B
X		*Pinus strobus 'Fastigiata'*	Upright White Pine	10' min.	B&B
Y		*Picea glauca*	White Spruce	10' min.	B&B
Z		*Thuja plicata 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B

PLANT LIST - SHEET 1F

* wetland plant ** tolerates submersion

SHRUBS					
AA	93	*Aronia arbutifolia 'Brilliantissima' **	Red Chokeberry	3-4' ht.	
JJ	118	*Ilex glabra **	Inkberry	24-30" ht.	B&B
PERENNIALS, GRASSES AND FERNS					
EEEE	800	*Sporobolus heterolepsis*	Prairie Dropseed	plugs	18"



NO.	Revisions or Type of Drawing Submittal	DATE
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Seal:

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Title:

PHASE I
PARTIAL SITE PLANTING PLAN
AREA

Project:

THE NORTH 60
HOSPITAL RD & ROUTE 9A
MOUNT PLEASANT, NY

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STUDER DESIGN ASSOCIATES, INC.
LANDSCAPE ARCHITECTS AND SITE PLANNERS
679 Danbury Road
Ridgefield, CT. 06877
(203) 894-1428 Phone
(203) 894-1429 Fax

Date:	1/29/2021
Drawn By:	SMB
Scale:	1" = 20'
North:	N
Sheet:	LA - 1F

SEED MIX A

" NEW ENGLAND WETMIX - Supplied by New England Wetland Plants, Inc. 820 West St. Amherst, MA. 01002. Phone (413)548-8000. APPLICATION RATE: 1 lb./2500 sq. ft.18 lbs./acre. Seedmix includes: Fox Sedge, Lurid Sedge, Blunt Broom Sedge , Blue Vervain, Fowl Bluegrass, Hop Sedge, Green Bulrush, Creeping Spike Rush, Fringed Sedge, Soft Rush, Spotted Joe Pye Weed, Rattlesnake Grass, Swamp aster, Blue flag, Swamp Milkweed, Square stemmed Monkey Flower.

* The wetland seeds in this mix can be sown by hand, with a hand held spreader, or hydro-seeded on large or hard to reach sites. Lightly rake to insure good seed to soil contact. Seeding can take place on frozen soil, as the freezing and thawing weather of late fall and late winter will work the seed into the soil. If spring conditions are drier than usual watering may be required. If sowing during the summer months supplemental watering will likely be required until germination. A light mulch of clean, weed free straw is recommended. Please consult Landscape Architect before completion of final grading for seeding application.

SEED MIX B

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SEED MIX C

"LESCO Sun & Shade Park Seed Mixture- Supplied by SiteOne Landscape Supply. Adress is 1081 King St. Greenwich, CT 06831, Phone: (203) 531-7352 https://www.siteone.com/en/20-80-250-lesco-sun-shade-park-seed-mixture-50-lb/p/164525

Sun & Shade Park Mix will do well under a wide range of maintenance levels and can be established in full sun to partially shaded conditions. Sun & Shade Park Mix will provide turf with a fine texture, good mowing quality, and withstand moderate traffic. Sun & Shade Park Mix will establish quickly for maximum competition against annual weeds. Moderate to low maintenance, advanced generation cultivators, quick to establish, and good for sun and shade. Not regulated.Comes in 50 lb bag.

Compositions: 34% Turf - Type Perennial Ryegrass, 33% Fine Fescues, 33% Shamrock KBG
Coverage Area:3-4 lb/1,000 sq. ft.
Brand Name:LESCO

- SEE SHEET LA- 1 FOR PHASE 1 TOTAL TREE QUANTITIES

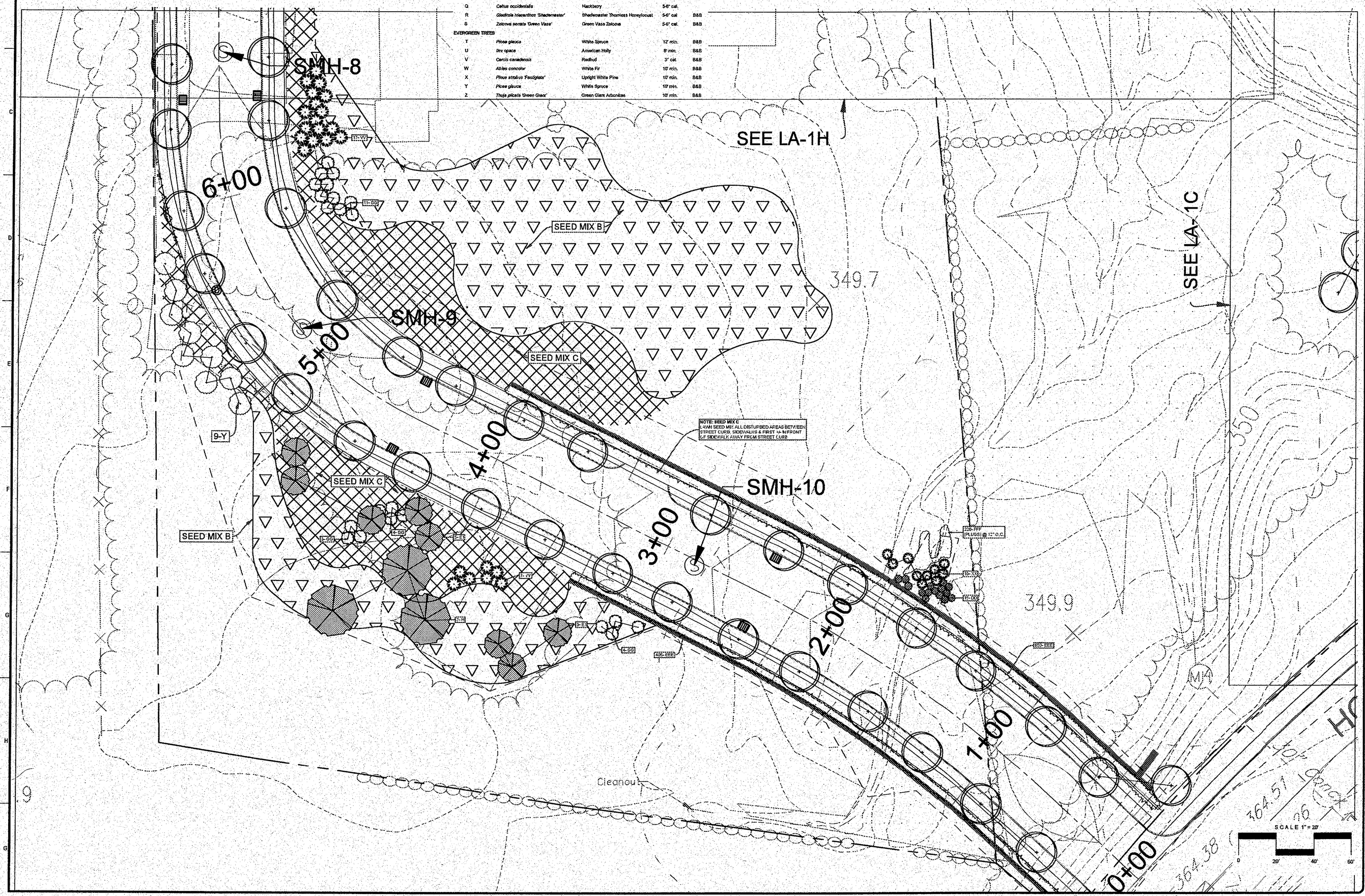
PHASE 1- TREE LIST

KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ORNAMENTAL TREES					
A		*Amelanchier canadensis*	Canadian Serviceberry	3.5-4" min.	B&B
B		*Prunus serrulata 'Kwanzan'*	Kwanzan Cherry	3.5-4" min	B&B
C		*Betula nigra 'Heritage'*	Heritage River Birch	3.5-4" min.	B&B
D		*Cercis canadensis*	Redbud	3.5-4" min.	B&B
E		*Cornus florida*	Flowering Dogwood	3.5-4" min.	B&B
F		*Magnolia virginiana*	Sweet Bay Magnolia	3.5-4" min.	B&B
SHADE TREES					
G		*Acer rubrum 'October Glory'*	Red Maple	4" cal.	
H		*Liquidambar styraciflua*	Sweetgum	2.5-3" cal.	B&B
I		*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
J		*Oxydendrum arboreum*	Sourwood	2.5-3" cal.	B&B
K		*Quercus bicolor*	Swamp White Oak	2.5-3" cal.	B&B
L		*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal.	B&B
M		*Quercus palustris*	Pin Oak	4.5-5" cal.	B&B
N		*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
O		*Acer saccharum 'Green Mountain'*	Sugar Maple	4.5-5" cal	B&B
P		*Quercus rubra*	Red Oak	5-5" cal.	B&B
Q		*Celtus occidentalis*	Hackberry	5-5" cal.	
R		*Gleditsia triacanthos 'Shademaster'*	Shademaster Thornless Honeylocust	5-5" cal	B&B
S		*Zelcova serrata 'Green Vase'*	Green Vase Zelcova	5-5" cal.	B&B
EVERGREEN TREES					
T		*Picea glauca*	White Spruce	12' min.	B&B
U		*Ilex opaca*	American Holly	8' min.	B&B
V		*Cercis canadensis*	Redbud	3" cal.	B&B
W		*Abies concolor*	White Fir	10' min.	B&B
X		*Pinus strobus 'Fastigiata'*	Upright White Pine	10' min.	B&B
Y		*Picea glauca*	White Spruce	10' min.	B&B
Z		*Thuja plicata 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B

PLANT LIST - SHEET 1G

" wetland plant ** tolerates submersion

ORNAMENTAL TREES					
E1	5	*Cornus florida*	Flowering Dogwood	2.5" - 3" cal.	B&B
SHADE TREES					
H	3	*Liquidambar styraciflua*	Sweetgum	2.5-3" cal.	B&B
SHRUBS					
DD	15	*Clethra alnifolia* *	Summersweet	2-3' ht.	
GG	22	*Cornus sericea* *	Red Osier Dogwood	3-4' ht.	
VV	24	*Viburnum dentatum 'Chicago Luster'*	Chicago Luster Arrowwood	3-4' ht.	
XX	10	*Viburnum trilobum*	American Cranberry Bush	3-4' ht.	
PERENNIALS, GRASSES AND FERNS					
EEE	1,055	*Asclepias tuberosa*	Butterfly Milkweed	#1 cont.	18"
FFF	220	*Carex muskingumensis* **	Palm Sedge	plugs	12"



DATE:

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PHASE I

PARTIAL SITE PLANTING PLAN

AREA 1G

Project:

THE NORTH 60

HOSPITAL RD & ROUTE 9A
MOUNT PLEASANT, NY

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Date:	1/29/2021
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Scale:	1" = 20'
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LA - 1G

SEED MIX A

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SEED MIX B

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Compositions: 34% Turf - Type Perennial Ryegrass. 33% Fine Fescues, 33% Shamrock KSG
Coverage Area:3-4 lb./1,000 sq. ft.
Brand Name:LESCO

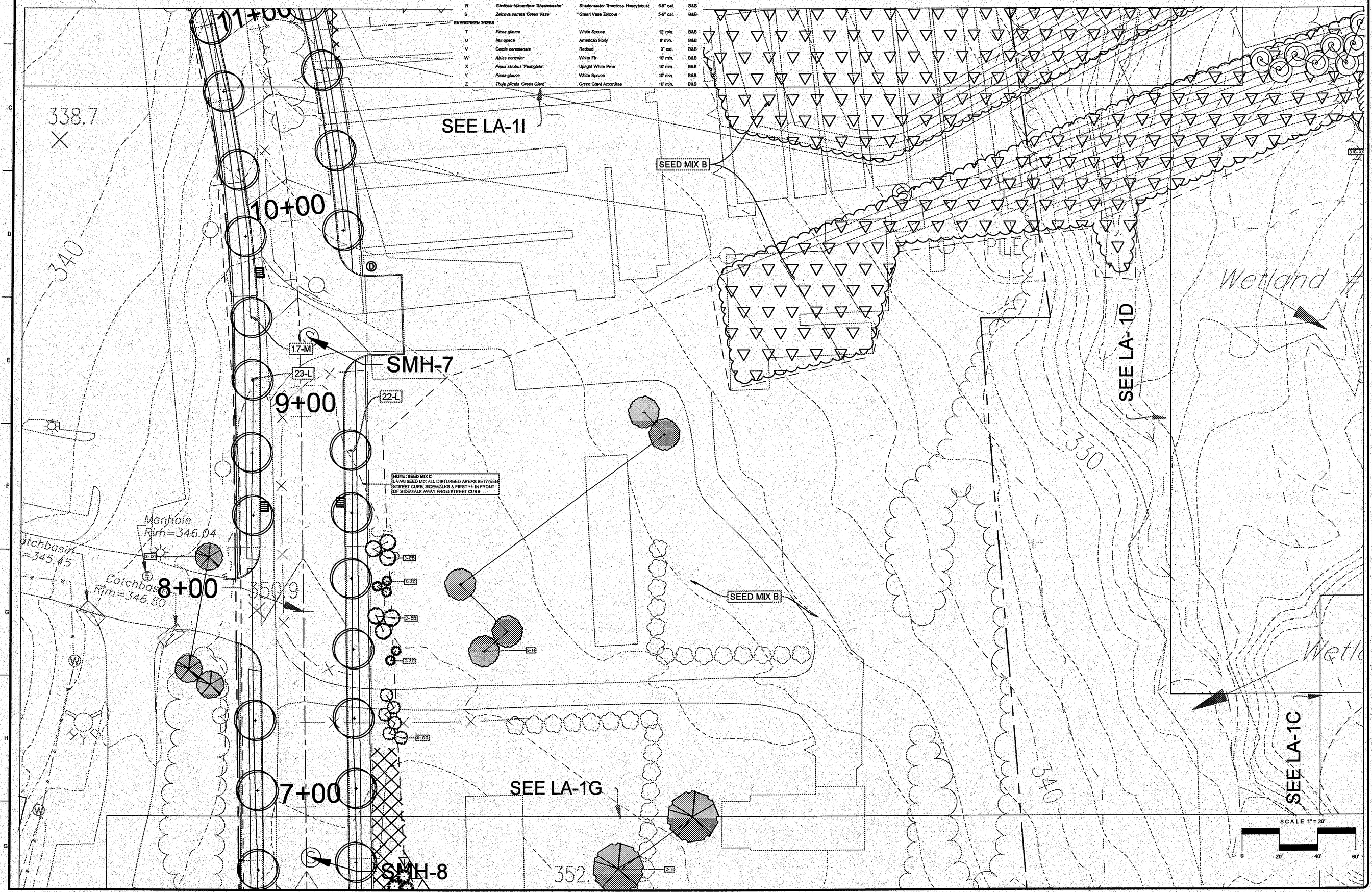
- SEE SHEET LA- 1 FOR PHASE 1 TOTAL TREE QUANTITIES

PHASE 1- TREE LIST

KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ORNAMENTAL TREES					
A		*Amelanchier canadensis*	Canadian Serviceberry	3.5-4" min.	B&B
B		*Prunus cerolata 'Kwanzan'*	Kwanzan Cherry	3.5-4" min	B&B
C		*Betula nigra 'Heritage'*	Heritage River Birch	3.5-4" min.	B&B
D		*Cercis canadensis*	Redbud	3.5-4" min.	B&B
E		*Cornus florida*	Flowering Dogwood	3.5-4" min.	B&B
F		*Magnolia virginiana*	Sweet Bay Magnolia	3.5-4" min.	B&B
SHADE TREES					
G		*Acer rubrum 'Octoner Glory'*	Red Maple	4" cal.	
H		*Liquidambar styraciflua*	Sweetgum	2.5-3" cal.	B&B
I		*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
J		*Oxydendrum arboreaum*	Sourwood	2.5-3" cal.	B&B
K		*Quercus bicolor*	Swamp White Oak	2.5-3" cal.	B&B
L		*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal.	B&B
M		*Quercus palustris*	Pin Oak	4.5-5" cal.	B&B
N		*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
O		*Acer saccharum 'Green Mountain*	Sugar Maple	4.5-5" cal.	B&B
P		*Quercus rubra*	Red Oak	5-6" cal.	B&B
Q		*Celtus occidentalis*	Hackberry	5-6" cal.	
R		*Gleditzia triacanthos 'Shademaster'*	Shademaster Thornless Honeylocust	5-6" cal.	B&B
S		*Zelcova serrata 'Green Vase'*	Green Vase Zelcova	5-6" cal.	B&B
EVERGREEN TREES					
T		*Picea glauca*	White Spruce	12' min	B&B
U		*Ilex opaca*	American Holly	8' min.	B&B
V		*Cercis canadensis*	Redbud	3" cal.	B&B
W		*Abies concolor*	White Fir	10' min.	B&B
X		*Picea abies 'Pastigiata'*	Upright White Pine	10' min.	B&B
Y		*Picea glauca*	White Spruce	10' min.	B&B
Z		*Thuja plicata 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B

PLANT LIST - SHEET 1H

ORNAMENTAL TREES					
D1	3	*Cercis canadensis*	Redbud	2.5" - 3" cal.	B&B
SHADE TREES					
H	7	*Liquidambar styraciflua*	Sweetgum	2.5-3" cal.	B&B
SHRUBS					
BB	6	*Calycanthus floridus '*	Sweetshrub	3-4' ht.	
GG	6	*Cornus sericea '*	Red Osier Dogwood	3-4' ht.	
ZZ	5	*Hydrangea quercifolia*	Oakleaf Hydrangea	3-4' ht.	



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Title:

PHASE 1
PARTIAL SITE PLANTING PLAN
AREA

Project:

THE NORTH 60
HOSPITAL RD & ROUTE 9A
MOUNT PLEASANT, NY

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Date:	1/29/2021
Drawn By:	SMB
Scale:	1" = 20'
North:	N

Sheet:

LA - 1H

SEED MIX A

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Coverage Area:3-4 lb /1,000 sq. ft.
Brand Name:LESCO

- SEE SHEET LA- 1 FOR PHASE 1 TOTAL TREE QUANTITIES

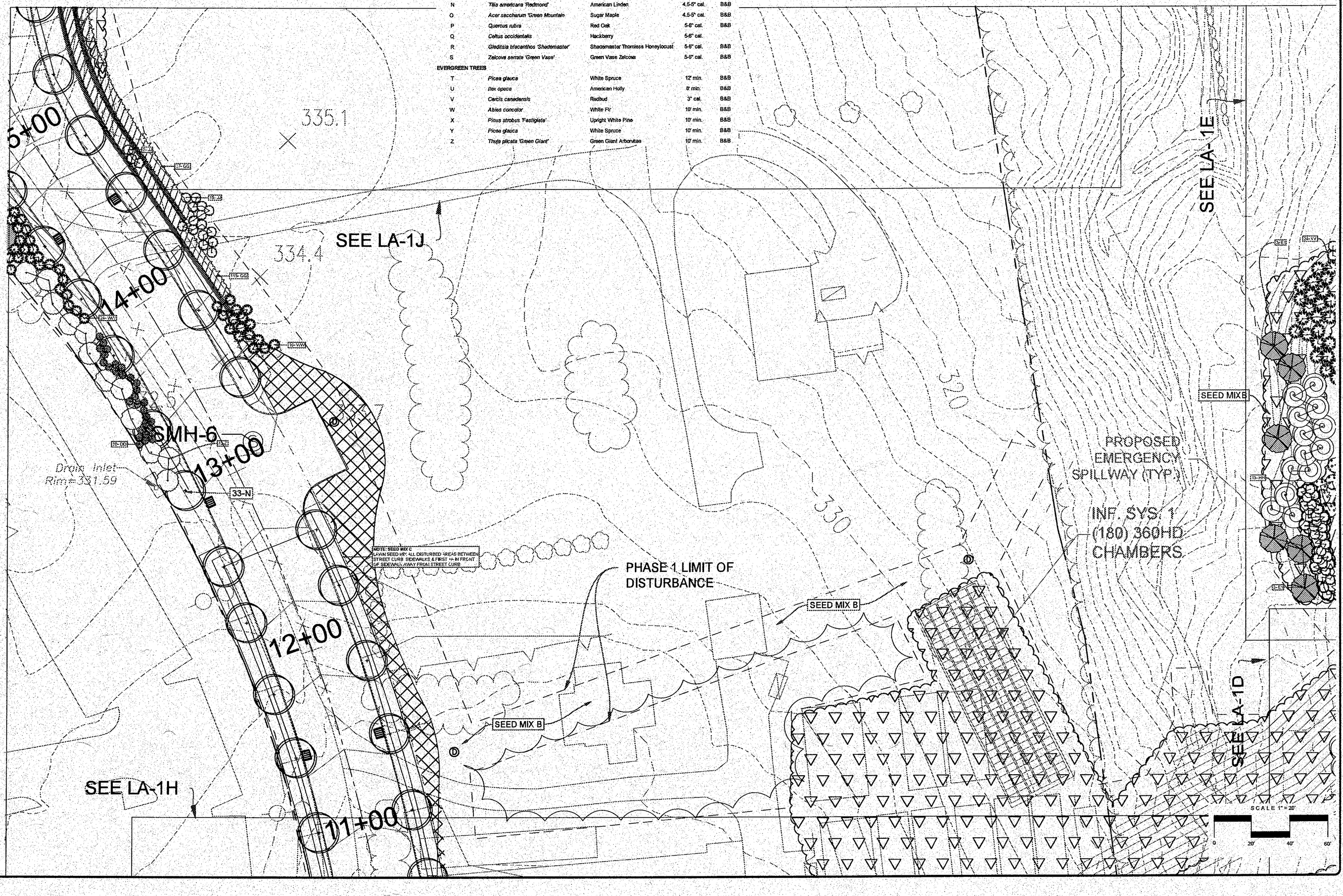
PHASE 1- TREE LIST

KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ORNAMENTAL TREES					
A		*Amelanchier canadensis*	Canadian Serviceberry	3.5-4" min.	B&B
B		*Prunus serrulata 'Kwanzan'*	Kwanzan Cherry	3.5-4" min.	B&B
C		*Betula nigra 'Heritage'*	Heritage River Birch	3.5-4" min.	B&B
D		*Cercis canadensis*	Redbud	3.5-4" min.	B&B
E		*Cornus florida*	Flowering Dogwood	3.5-4" min.	B&B
F		*Magnolia virginiana*	Sweet Bay Magnolia	3.5-4" min.	B&B
SHADE TREES					
G		*Acer rubrum 'October Glory'*	Red Maple	4" cal.	
H		*Liquidambar styraciflua*	Sweetgum	2.5-3" cal.	B&B
I		*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
J		*Oxydendrum arboreaum*	Sourwood	2.5-3" cal.	B&B
K		*Quercus bicolor*	Swamp White Oak	2.5-3" cal.	B&B
L		*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal.	B&B
M		*Quercus palustris*	Pin Oak	4.5-5" cal.	B&B
N		*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
O		*Acer saccharum 'Green Mountain*	Sugar Maple	4.5-5" cal.	B&B
P		*Quercus rubra*	Red Oak	5-6" cal.	B&B
Q		*Celtus occidentalis*	Hackberry	5-6" cal.	
R		*Gleditsia triacanthos 'Shademaster'*	Shademaster Thornless Honeylocust	5-6" cal.	B&B
S		*Zelcova serrata 'Green Vase'*	Green Vase Zelcova	5-6" cal.	B&B
EVERGREEN TREES					
T		*Picea glauca*	White Spruce	12' min.	B&B
U		*Ilex opaca*	American Holly	8' min.	B&B
V		*Cercis canadensis*	Redbud	3" cal.	B&B
W		*Abies concolor*	White Fir	10' min.	B&B
X		*Pinus strobus 'Fastigiata'*	Upright White Pine	10' min.	B&B
Y		*Picea glauca*	White Spruce	10' min.	B&B
Z		*Thuja plicata 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B

PLANT LIST - SHEET 1i

* wetland plant ** tolerates submersion

EVERGREEN TREES					
Z1	12	*Thuja plicata 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B
SHRUBS					
DD	30	*Clethra alnifolia '*	Summersweet	2-3' ht.	
JJ	15	*Ilex glabra '*	Inkberry	24-30" ht.	B&B
QQ	142	*Rhus aromatica 'Grow Low'*	Grow Low Sumac	2-3' ht.	
WW	40	*Viburnum nudum '*	Smooth Witherod	3-4' ht	



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Title:
PHASE I
PARTIAL SITE PLANTING PLAN
AREA II

Project:
THE NORTH 60
HOSPITAL RD & ROUTE 9A
MOUNT PLEASANT, NY

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STUDER DESIGN ASSOCIATES, INC.
LANDSCAPE ARCHITECTS AND SITE PLANNERS
679 Danbury Road
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Date:	1/29/2021
Drawn By:	SMB
Scale:	1" = 20'
North:	N
Sheet:	LA - 1i

SEED MIX A

* NEW ENGLAND WETMIX - Supplied by New England Wetland Plants, Inc. 820 West St. Amherst, MA, 01002. Phone (413)548-8000. APPLICATION RATE: 1 lb./2500 sq. ft,10 lbs./acre. Seedmix includes: Fox Sedge, Lurid Sedge, Blunt Broom Sedge , Blue Vervain, Fowl Bluegrass, Hop Sedge, Green Bulrush, Creeping Spike Rush, Fringed Sedge, Soft Rush, Spotted Joe Pye Weed, Rattlesnake Grass, Swamp aster, Blueflag, Swamp Milkweed, Square stemmed Monkey Flower.

* The wetland seeds in this mix can be sown by hand, with a hand held spreader, or hydro-seeded on large or hard to reach sites. Lightly rake to insure good seed to soil contact. Seeding can take place on frozen soil, as the freezing and thawing weather of late fall and late winter will work the seed into the soil. If spring conditions are drier than usual watering may be required. If sowing during the summer months supplemental watering will likely be required until germination. A light mulch of clean, weed free straw is recommended. Please consult Landscape Architect before completion of final grading for seeding application.

SEED MIX B

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SEED MIX C

*LESCO Sun & Shade Park Seed Mixture- Supplied by SiteOne Landscape Supply, Adress is 1081 King St, Greenwich, CT 06831, Phone: (203) 531-7352
https://www.siteone.com/en/20-80-250-lesco-sun-shade-park-seed-mixture-50-lb/p/164525

Sun & Shade Park Mix will do well under a wide range of maintenance levels and can be established in full sun to partially shaded conditions. Sun & Shade Park Mix will provide turf with a fine texture, good mowing quality, and withstand moderate traffic. Sun & Shade Park Mix will establish quickly for maximum competition against annual weeds. Moderate to low maintenance, advanced generation cultivators, quick to establish, and good for sun and shade. Not regulated.Comes in 50 lb bag.

Compositions: 34% Turf-Type Perennial Ryegrass. 33% Fine Fescues, 33% Shamrock KBG
Coverage Area:3-4 lb./1,000 sq. ft.
Brand Name:LESCO

- SEE SHEET LA- 1 FOR PHASE 1 TOTAL TREE QUANTITIES

PHASE 1- TREE LIST

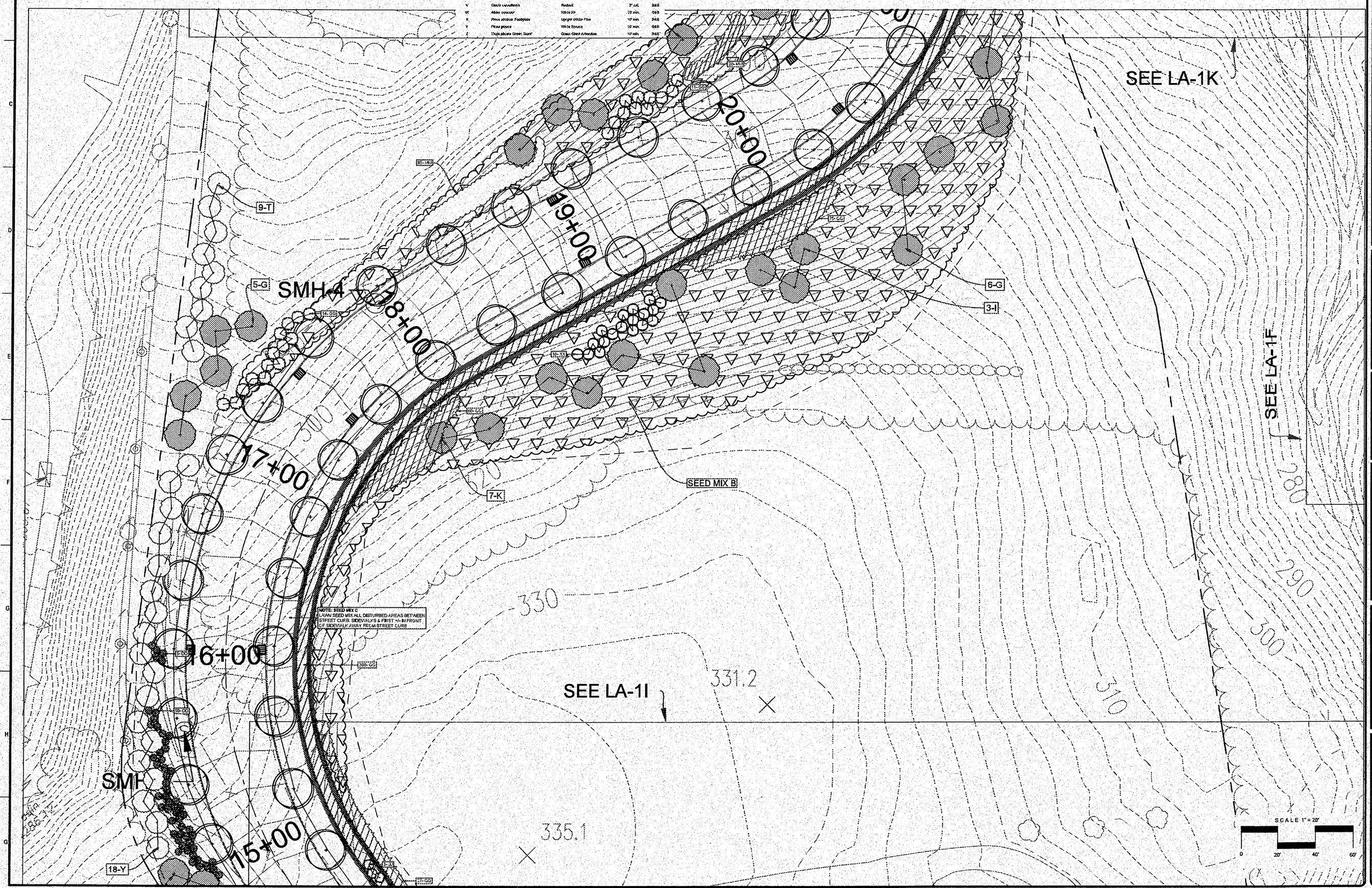
KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ORNAMENTAL TREES					
A		*Amelanchier canadensis*	Canadian Serviceberry	3.5-4" min.	B&B
B		*Prunus serrulata 'Kwanzan'*	Kwanzan Cherry	3.5-4" min	B&B
C		*Betula nigra 'fontigo'*	Heritage River Birch	3.5-4" min.	B&B
D		*Cercis canadensis*	Redbud	3.5-4" min.	B&B
E		*Cornus florida*	Flowering Dogwood	3.5-4" min.	B&B
F		*Magnolia sphrone*	Sweet Bay Magnolia	3.5-4" min	B&B
SHADE TREES					
G		*Acer saburn 'October Glory'*	Red Maple	4" cal.	
H		*Liquidambar styraciflua*	Sweetgum	2.5-3" cal	B&B
I		*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
J		*Oxydendron arboreum*	Sourwood	2.5-3" cal	B&B
K		*Quercus bicolor*	Swamp White Oak	2.5-3" cal.	B&B
L		*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal	B&B
M		*Quercus palustris*	Pin Oak	4.5-5" cal.	B&B
N		*Tilia americana 'Redmond'*	American Linden	4.5-5" cal	B&B
O		*Acer saccharum 'Green Mountain'*	Sugar Maple	4.5-5" cal.	B&B
P		*Quercus rubra*	Red Oak	5-6" cal.	B&B
Q		*Celtis occidentalis*	Hackberry	5-6" cal.	
R		*Gleditsia triacanthos 'Shademaster'*	Shademaster Thornless Honeylocust	5-6" cal.	B&B
S		*Zelkova serrata 'Green Vase'*	Green Vase Zelkova	5-6" cal.	B&B
EVERGREEN TREES					
T		*Picea glauca*	White Spruce	12' min.	B&B
U		*Ilex opaca*	American Holly	8' min.	B&B
V		*Cercis canadensis*	Redbud	3" cal.	B&B
W		*Abies concolor*	White Fir	10' min.	B&B
X		*Pinus strobus 'Fastigiata'*	Upright White Pine	10' min.	B&B
Y		*Picea glauca*	White Spruce	10' min.	B&B
Z		*Thuja plicata 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B

PLANT LIST - SHEET 1J

* wetland plant ** tolerates submersion

SHRUBS

DD	55	*Clethra alnifolia* *	Summersweet	2-3' ht.	
GG	53	*Cornus sericea* *	Red Osier Dogwood	3-4' ht.	
JJ	3	*Ilex glabra* *	Inkberry	24-30" ht.	B&B
MM	115	*Kalmia latifilia*	Mountain Laurel	3-4' ht.	
QQ	462	*Rhus aromatica 'Grow Low'*	Grow Low Sumac	2-3' ht.	
XX	18	*Viburnum trilobum*	American Cranberry Bush	3-4' ht.	



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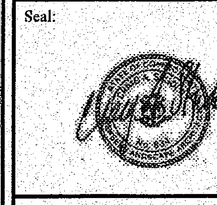

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Title:

PHASE I

PARTIAL SITE PLANTING PLAN

AREA 1J

Project:

THE NORTH 60

HOSPITAL RD & ROUTE 9A
MOUNT PLEASANT, NY

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Coverage Area:3-4 lb./1,000 sq. ft.
Brand Name:LESCO

- SEE SHEET LA- 1 FOR PHASE 1 TOTAL TREE QUANTITIES

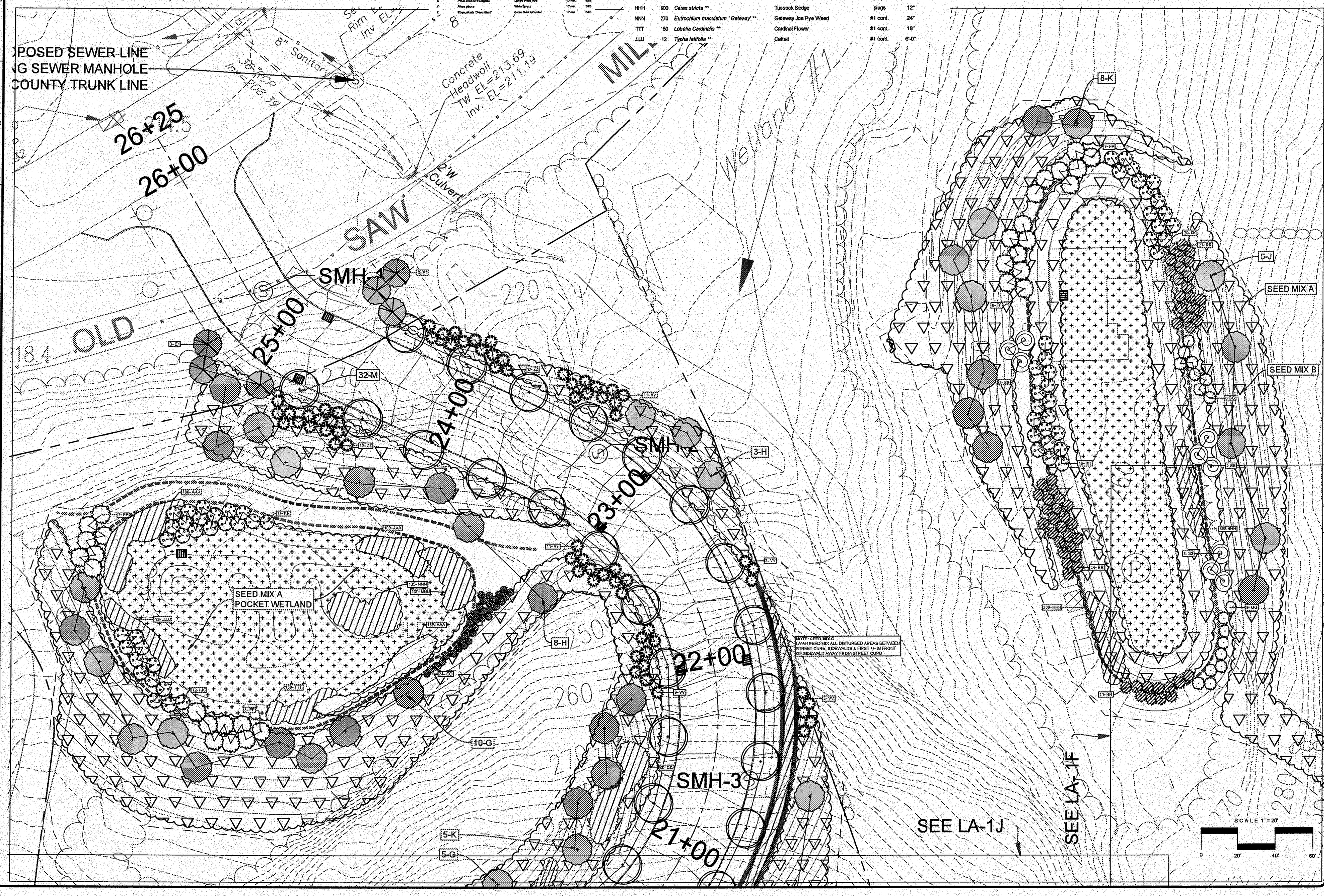
PHASE 1- TREE LIST

KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ORNAMENTAL TREES					
A		*Amelanchier canadensis*	Canadian Serviceberry	3.5-4' min.	B&B
B		*Prunus yedoensis 'Akebono'*	Akebono Cherry	3.5-4' min.	B&B
C		*Styrax 'Ivory Pagoda'*	Ivorypagoda Japanese Snowbell	3.5-4' min.	B&B
D		*Cercis canadensis*	Redbud	3.5-4' min.	B&B
E		*Cornus florida*	Flowering Dogwood	3.5-4' min.	B&B
F		*Magnolia virginiana*	Sweet Bay Magnolia	3.5-4' min.	B&B
SHADE TREES					
G		*Acer rubrum 'October Glory'*	Red Maple	2" cal.	
H		*Quercus rubra*	Pinnegion	2.5-3" cal.	B&B
I		*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
J		*Quercus alba*	Quercus alba	2.5-3" cal.	B&B
K		*Quercus velutina*	Quercus velutina Black Oak	2.5-3" cal.	B&B
L		*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal.	B&B
M		*Quercus palustris*	Pin Oak	4.5-5" cal.	B&B
N		*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
O		*Acer saccharum 'Green Mountain'*	Sugar Maple	4.5-5" cal.	B&B
P		*Quercus rubra*	Red Oak	3.5" cal.	B&B
Q		*Ostrya virginiana*	Hophornbeam	3.5" cal.	
R		*Gleditsia triacanthos 'Shademaster'*	Shademaster Thornless Honeylocust	3.5" cal.	B&B
S		*Betula nigra 'Dura Heat'*	Dura Heat Birch	3.5" cal.	B&B
EVERGREEN TREES					
T		*Pinus glauca*	White Spruce	12' min.	B&B
U		*Ilex opaca*	American Holly	8' min.	B&B
V		*Cercis canadensis*	Redbud	8' min.	B&B
W		*Abies concolor*	White Fir	10' min.	B&B
X		*Pinus strobus 'Fastigiata'*	Upright White Pine	10' min.	B&B
Y		*Picea glauca*	White Spruce	10' min.	B&B
Z		*Thuja plicata 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B

PLANT LIST - SHEET 1K

* wetland plant ** tolerates submersion

ORNAMENTAL TREES					
E1	6	*Cornus florida*	Flowering Dogwood	2.5" - 3" cal.	B&B
SHRUBS					
DD	34	*Clethra alnifolia* *	Summersweet	2-3' ht.	
FF	30	*Cornus racemosa* *	Gray Dogwood	3-4' ht.	
GG	17	*Cornus sericea* *	Red Osier Dogwood	3-4' ht.	
KK	67	*Ilex verticillata* *	Winterberry	3-4' ht.	
QQ	254	*Rhus aromatica 'Grow Low'*	Grow Low Sumac	2-3' ht.	
RR	56	*Rosa palustris* *	Swamp Rose	2-3' ht.	
SS	9	*Salix discolor* *	Pussy Willow	3-4' ht.	
VV	39	*Viburnum dentatum 'Chicago Luster'*	Chicago Luster Arrowwood	3-4' ht.	
ZZ	28	*Hydrangea quercifolia*	Oakleaf Hydrangea	3-4' ht.	
PERENNIALS, GRASSES AND FERNS					
AAA	465	*Acorus americanus* **	Sweetflag	plugs	18"
HHH	600	*Carex stricta* **	Tussock Sedge	plugs	12"
NNN	270	*Eutrochium maculatum ' Gateway'* **	Gateway Joe Pye Weed	#1 cont.	24"
TTT	150	*Lobelia Cardinalis* **	Cardinal Flower	#1 cont.	18"
JJJ	12	*Typha latifolia* **	Cattail	#1 cont.	6'-0"



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Seal:

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PHASE I
PARTIAL SITE PLANTING PLAN
AREA 1K

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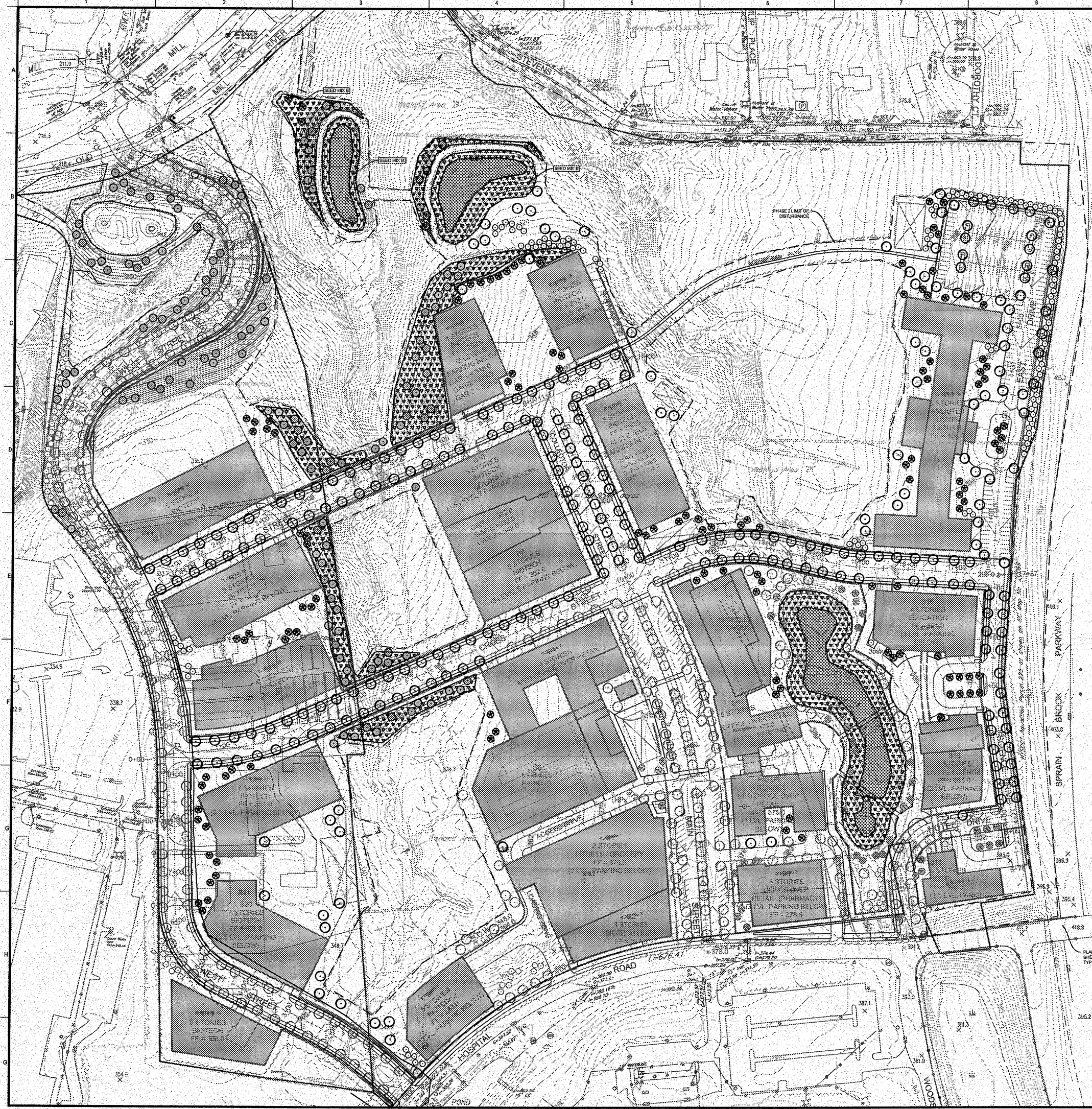

PHASE 2 TREE LIST

SYMBOL	KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
			ORNAMENTAL TREES			
	A	26	*Amelanchier canadensis*	Canadian Serviceberry	3.5-4" min.	B&B
	B	26	*Prunus serrulata 'Kwanzan'*	Kwanzan Cherry	3.5-4" min.	B&B
	C	12	*Betula nigra 'Heritage'*	Heritage River Birch	3.5-4" min.	B&B
⊗	D	13	*Cercis canadensis*	Redbud	3.5-4" min.	B&B
	E	29	*Cornus kousa*	Kousa Dogwood	3.5-4" min.	B&B
	F	19	*Magnolia virginiana*	Sweet Bay Magnolia	3.5-4" min.	B&B
			SHADE TREES			
⊗	G	27	*Acer rubrum 'October Glory'*	Red Maple	2.5-3" cal.	
	H	19	*Liquidambar styraciflua*	Sweetgum	2.5-3" cal.	B&B
	I	20	*Nyssa sylvatica*	Black Gum / Tupelo	2.5-3" cal.	B&B
	J	8	*Oxydendrum arboreaum*	Sourwood	2.5-3" cal.	B&B
	K	0	*Quercus bicolor*	Swamp White Oak	2.5-3" cal.	B&B
	L	80	*Acer rubrum 'Red Sunset'*	Red Maple	4.5-5" cal.	B&B
	M	57	*Quercus palustris*	Pin Oak	4.5-5" cal	B&B
	N	62	*Tilia americana 'Redmond'*	American Linden	4.5-5" cal.	B&B
	O	11	*Acer saccharum 'Green Mountain*	Sugar Maple	4.5-5" cal.	B&B
⊗	P	23	*Quercus rubra*	Red Oak	5-6" cal.	B&B
	Q	20	*Celtis occidentalis*	Hackberry	5-6" cal	
	R	2	*Gleditsia triacanthos 'Shademaster'*	Shademaster Pointless Honeylocust	5-6" cal	B&R
	S	11	*Zelcova serrata 'Green Vase'*	Green Vase Zelcova	5-6" cal	B&R
						B&B
			EVERGREEN TREES			
	T	64	*Picea abies*	Norway Spruce	10' min.	B&B
	U	6	*Ilex opaca*	American Holly	8' min.	B&B
	V	3	*Abies balsamea 'Phanerolepis'*	Canaan Fir	10' min.	B&B
	W	7	*Abies concolor*	White Fir	10' min.	B&B
	X		*Pinus strobus 'Fastigiata'*	Upright White Pine	10' min.	B&B
	Y	13	*Picea glauca*	White Spruce	10' min.	B&B
	Z	37	*Tsuja plicata 'Green Giant'*	Green Giant Arborvitae	10' min.	B&B

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TREE DENSITY CALCULATIONS

TO COMPLY WITH THE TREE PRESERVATION ORDINANCE OF THE TOWN OF MOUNT PLEASANT

REQUIRED DENSITY FACTOR FOR THE SITE (DFS)

DFS = 78.9172 acres x 15 = **1183.76**

EXISTING DENSITY FACTOR (EDF)

Overall site Phase 2 trees to remain

caliper	density factor	# of trees	tree x DF
10"	0.6	65	39
12"	0.8	80	64
14"	1.1	45	49.5
16"	1.4	30	42
18"	1.8	23	41.4
20"	2.2	15	33
22"	2.6	3	7.8
24"	3.1	13	40.3
26"	3.7	3	11.1
28"	4.3	4	17.2
30"	4.9	17	83.3
32"	5.5	3	16.5
36"	7	10	70
38"	7.5	1	7.5
40"	8	6	48
			570.6

REQUIRED REPLACEMENT DENSITY (RDF)

RDF = DFS - EDF
RDF = 1183.76 - 570.6 = 613.16

REQUIRED REPLACEMENT DENSITY (RDF) PROVIDED

Phase 2

# TREES	CALIPER INCHES	DENSITY FACTOR	VALUE	
204	1-2"	0.4	81.6	EVERGREENS
137	2-3"	0.5	68.5	SMALL CALIPER SHADE
170	3-4"	0.6	102	ORNAMENTALS
400	4-5"	0.7	280	SHADE TREES
138	5-5"	1	138	STREET TREES
			670.1	

REQUIRED DENSITY FACTOR FOR THE SITE (DFS) PROVIDED

EDF + RDF = 570.6 + 670.1 = **1240.7**

1240.7 > 1183.76, therefore DENSITY SATISFIED

SCALE 1" = 80'

0 80' 160' 240'

NO.	Revisions or Type of Drawing Submittal	DATE
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PHASE 2

OVERALL SITE TREE PLANTING PLAN & KEY

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