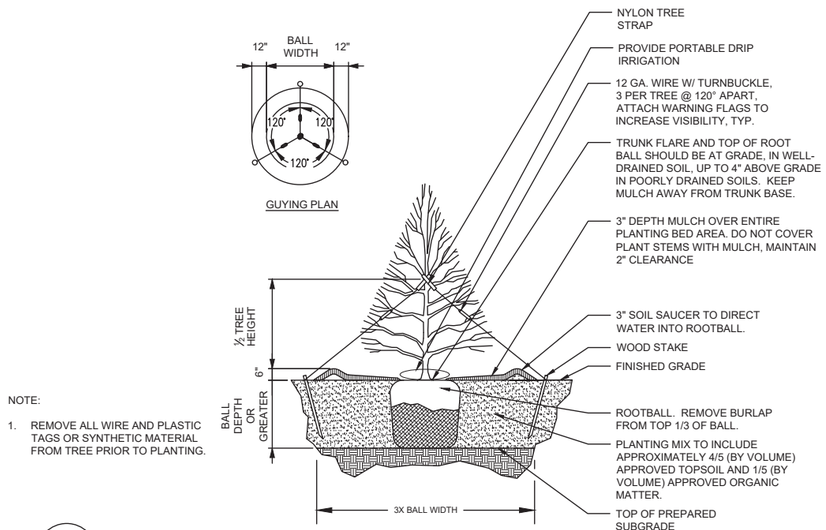
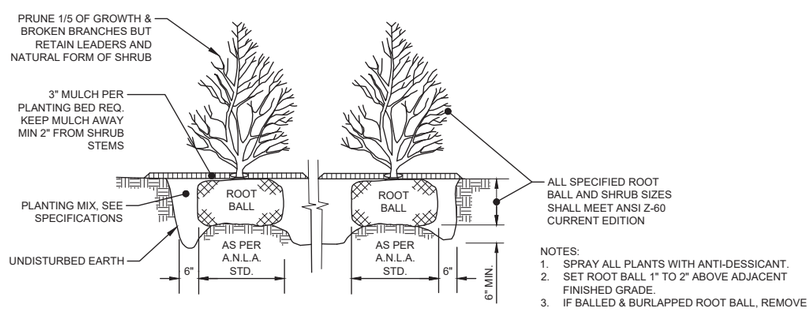


NOTE:

1. REMOVE ALL WIRE AND PLASTIC TAGS OR SYNTHETIC MATERIAL FROM TREE PRIOR TO PLANTING.

1 / L 500 TREE PLANTING

NTS



NOTES:

1. SPRAY ALL PLANTS WITH ANTI-DESSICANT.
2. SET ROOT BALL 1" TO 2" ABOVE ADJACENT FINISHED GRADE.
3. IF BALLED & BURLAPPED ROOT BALL, REMOVE & DISPOSE OF TOP 1/3 OF BURLAP AFTER PLACEMENT.
4. ALL PLANTING BEDS SHALL HAVE SHOVEL CUT EDGES ALONG LAWN PERIMETERS.

2 / L 500 SHRUB PLANTING

N.T.S.

LANDSCAPE NOTES

1. ALL PLANTS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO DELIVERY TO THE SITE. CONTRACTOR TO PROVIDE MINIMUM 3 DAY NOTICE TO OWNER'S REPRESENTATIVE TO COMPLETE OFFSITE PLANT INSPECTION AT NURSERY OR CONTRACTOR STAGING LOCATION.

2. THE QUANTITIES INDICATED ON THE DRAWINGS AND ON THE PLANT MATERIAL SCHEDULE ARE PROVIDED FOR THE BENEFIT OF THE CONTRACTOR BUT SHOULD NOT BE ASSUMED TO BE CORRECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE QUANTITIES INDICATED. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER PRIOR TO INSTALLATION. IN THE EVENT OF A DISCREPANCY, THE GRAPHIC REPRESENTATIONS SHOWN ON THE DRAWINGS SHALL GOVERN.

3. NO SUBSTITUTIONS AS TO SIZE, TYPE, SPACING, QUANTITY OR QUALITY OF PLANT MATERIAL SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF BOTH THE OWNER AND THE PROJECT LANDSCAPE ARCHITECT.

4. PLANTS SHALL BE SUPPLIED AT THE SIZES SPECIFIED ON THE DRAWINGS. THE SIZES SHOWN ARE MINIMUMS FOR EACH CATEGORY (HEIGHT, SPREAD, CALIPER, CONTAINER SIZE, ETC.) PLANTS OF LARGER SIZE MAY BE USED IF ACCEPTABLE TO THE OWNER AT NO ADDITIONAL COST AND IF SIZES OF CONTAINER OR ROOT BALLS, HEIGHT, AND SPREAD ARE INCREASED PROPORTIONATELY IN ACCORDANCE WITH ANSI Z-60 CURRENT EDITION. ALL OTHER QUALITY REQUIREMENTS OF THE PLANT MATERIAL MUST ALSO BE ADHERED.

5. ALL PLANT MATERIALS SHALL CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z-60 CURRENT EDITION. ALL TREES SHALL COMPLY WITH ANSI Z-60.1-2014 AND THE URBAN TREE FOUNDATION GUIDELINE FOR NURSERY TREE QUALITY, 2009 EDITION. ALL PLANTS SHALL BE HIGHEST QUALITY, FIRST CLASS REPRESENTATIVES OF THEIR SPECIES. SECONDS, CULLS, OR PARK GRADE MATERIAL WILL BE REJECTED.

6. ALL TREES MUST BE STRAIGHT-TRUNKED, HAVE A STRONG CENTRAL LEADER, FULL HEADED, AND MEET THE MINIMUM REQUIREMENTS. TREES WITH A "Y" SHAPE ARE NOT ACCEPTABLE. TREES THAT HAVE BEEN FRESHLY PRUNED TO MEET THESE SPECIFICATIONS SHALL BE REJECTED.

7. THE PLANT'S VEGETATIVE CANOPY SHALL BE SYMMETRICAL AND FREE OF LARGE VOIDS OR FLAT SURFACE AREAS ON ONE SIDE.

8. TREES AND SHRUBS MOVED DURING PERIODS OF HIGH TRANSPIRATION SHALL BE SPRAYED WITH AN ANTI-DESSICANT PRIOR TO MOVING. APPLY AND REMOVE ANTI-DESSICANTS PER THE MANUFACTURER'S RECOMMENDATIONS.

9. ALL PLANTS ARE SUBJECT TO REVIEW AND APPROVAL BY THE OWNER AT ANY TIME PRIOR TO FINAL ACCEPTANCE. REJECTED PLANTS SHALL BE REPLACED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER.

10. SHOULD LOCATION OF TREES BE WITHIN 15' OF A LIGHT POLE, RELOCATE SAID TREE TO A MIN. 15' FROM THE LIGHT POLE.

11. SHOULD LOCATION OF LARGE DECIDUOUS TREES BE WITHIN 15' OF OVERHEAD WIRES, RELOCATE SAID TREES TO A MINIMUM OF 15' TO WIRES.

12. NO TREES SHALL BE PLANTED WITHIN 5' OF SITE UTILITY LINES. TREE LOCATIONS PROPOSED WITHIN 10' SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT LANDSCAPE ARCHITECT PRIOR TO EXCAVATING. FIELD ADJUSTMENT OF TREE LOCATIONS SHALL BE DETERMINED BY THE PROJECT LANDSCAPE ARCHITECT. PLANTS RELOCATED AND INSTALLED WITHOUT APPROVAL OF THE PROJECT LANDSCAPE ARCHITECT WILL BE REMOVED, REPLACED, AND RELOCATED AT NO ADDITIONAL COST.

13. THE CONTRACTOR SHALL FIELD STAKE ALL PLANTS AND PLANT BEDS PRIOR TO INSTALLATION. THE OWNER'S REPRESENTATIVE SHALL APPROVE ALL STAKED LOCATIONS PRIOR TO INSTALLATION. PLANTS INSTALLED PRIOR TO APPROVAL BY THE OWNER'S REPRESENTATIVE ARE SUBJECT TO REJECTION AND REPLACEMENT AT NO ADDITIONAL COST TO THE OWNER.

14. PRIOR TO COMMENCEMENT OF INSTALLATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND SHALL AVOID DAMAGING UTILITIES DURING INSTALLATION. ANY UTILITIES DAMAGED DURING INSTALLATION SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE APPROPRIATE UTILITY COMPANY AND THE OWNER. ALL REPAIRS SHALL BE AT NO COST TO THE OWNER.

15. THE CONTRACTOR SHALL UTILIZE ON-SITE TOPSOIL FOR PLANTING MEDIUM AS AVAILABLE. ALL TOPSOIL SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.

16. NO PLANTS SHALL BE INSTALLED IN POOR DRAINAGE CONDITIONS.

17. ALL PLANTS SHALL BE PLACED WITH THE BEST FACE FORWARD.

18. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE PLANT INSTALLATIONS UNTIL ACCEPTED BY THE OWNER. MAINTENANCE SHALL INCLUDE MONITORING STAKING (ADJUSTING AND REPLACING AS NEEDED) AND PORTABLE DRIP IRRIGATION, RE-MULCHING, WATERING, APPLICATIONS OF HERBICIDES, FUNGICIDES, INSECTICIDES AND PESTICIDES AS NECESSARY. MAINTENANCE SHALL INCLUDE ALL PLANTINGS AND SEEDED AREAS.

19. THE CONTRACTOR SHALL GUARANTEE THAT ALL PLANTS SHALL BE IN A HEALTHY AND THRIVING CONDITION ACCORDING TO THE NATURAL GROWTH HABITS OF THE INDIVIDUAL SPECIES AT THE TIME OF FINAL ACCEPTANCE BY THE OWNER.

20. TOPSOIL, PLANTING MEDIUM, AND OTHER ORGANIC MATERIAL SOURCES FOR PLANTING OPERATIONS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE.

21. SOIL MIX SHALL HAVE A PH RANGE OF 5.0 TO 7.0.

22. ALL PLANTS SHALL BE GUARANTEED FOR A PERIOD OF TWO YEARS FROM THE DATE OF ACCEPTANCE BY THE OWNER.

23. ALL PLANTING BEDS SHALL RECEIVE 3" OF DOUBLE GROUND SHREDDED HARDWOOD BARK MULCH

24. ALL UNPAVED DISTURBED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL. FINE GRADE, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED PER SPECIFICATIONS.

28. SEED MIXTURES (APPLY TO AREAS NOT PAVED OR PLANTED OR OTHERWISE NOTED):

SEED MIX A

APPLY TO ALL DISTURBED AREAS WITHIN THE FENCED PERIMETER, UNLESS OTHERWISE NOTED. SEED MIX SHALL BE AS PROVIDED BY ERNST CONSERVATION SEEDS, INC, 8884 MERCER PIKE, MEADVILLE, PA 16335-9275, OR APPROVED EQUAL:

SCIENTIFIC NAME	% OF MIX BY WEIGHT
CHAMAECRISTA FASCICULATA	1.50
COREOPSIS LANCEOLATA	1.50
ERAGROSTIS SPECTABILIS	2.00
FESTUCA OVINA VAR. DURIUSCULA	92.50
OENOTHERA FRUTICOSA	0.10
PANICUM SPHAEROCARPON	1.00
PENSTEMON HIRSUTUS	0.10
PYCNANTHEMUM TENUIFOLIUM	0.80
SISYRINCHIUM ANGUSTIFOLIUM	0.20
TRADESCANTIA VIRGINIANA	0.10
ZIZIA AUREA	0.20
TOTAL	100

APPLY AT A RATE OF 40 LBS / ACRE.

SEED MIX B

APPLY TO AREAS AS INDICATED ON PLANS. SEED MIX SHALL BE: ERNST SHOWY NORTHEAST NATIVE WILDFLOWER & GRASS MIX (ERNMX- 153), , OR APPROVED EQUAL. APPLY AT A RATE OF 20 LBS / ACRE.

SEED MIX C:

APPLY TO AREAS AS INDICATED ON PLANS, AND DISTURBED AREAS OUTSIDE OF THE FENCED AREA. SEE SHEET L 501 FOR SEED MIX C AREAS INCORPORATED INTO PLANTING MODULES. SEED MIX SHALL BE ERNST COMMERCIAL CONSERVATION MIX (ERNMX-113), OR APPROVED EQUAL. APPLY AT A RATE OF 75-150 LB / ACRE.

TEMPORARY SEEDING

LIME (1/2 TON PER ACRE)
FERTILIZER: COMMERCIAL 5-10-10 OR EQUIVALENT (600 LBS PER ACRE)
SEED: WINTER RYE GRAIN - APPLY AT A RATE OF 100 LBS. / PER ACRE (2.5 LBS./1,000 S.F.)
MULCH: STRAW AT 2 TONS PER ACRE
*ALL TEMPORARY SEEDED AREAS SHALL HAVE VEGETATION REMOVED AND THE GROUND SCARIFIED PRIOR TO FINAL SEED APPLICATION.

29. LAWN FERTILIZER TO BE APPLIED AT A RATE OF 1 LB. / 1,000 SF. APPLY WOOD FIBER CELLULOSE MULCH AT A RATE OF 1,200 LBS. PER ACRE.

30. FINE GRADE, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.

31. SCARIFY, LOOSEN, FLOAT AND DRAG THE UPPER FOUR INCHES (4") OF SOIL TO BRING IT TO PROPER CONDITION AND GRADE PRIOR TO SEEDING. REMOVE STONES LARGER THAN ONE INCH (1"), STICKS, ROOTS, RUBBISH, ETC. FINISHED GRADE SHALL BE LOOSE AND FREE DRAINING PRIOR TO SEEDING.

32. STRIP EXISTING GRASS AND WEEDS, INCLUDING ROOTS, PRIOR TO SEEDING OPERATIONS. APPLY HERBICIDES AS NECESSARY TO SPOT TREAT UNWANTED SPECIES.

33. INSTALL SEED PER MANUFACTURERS SPECIFICATIONS. CONTRACTOR MUST ADJUST APPLICATION RATES TO PURE LIVE SEED RATES AS INDICATED.

34. ALL SEEDED AREAS MUST BE MAINTAINED BY THE CONTRACTOR UNTIL ACCEPTANCE BY THE OWNER.

35. PROTECT ALL TREES TO REMAIN.

36. NURSERY STOCK SHOULD BE OBTAINED FROM A REPUTABLE NURSERY WITHIN HARDINESS ZONE 4, 5 OR 6 AS DEFINED BY THE USDA.

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD
I EXHIBIT 5: DESIGN DRAWINGS	MDF	TMP	21.05.21

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Client/Project

HECATE ENERGY CIDER SOLAR LLC
500MW AC CIDER SOLAR FARM

OAKFIELD & ELBA, NY
GENESEE COUNTY, NY

File Name: L500.dwg	TJC	TMP	MDF	20.12.04
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Title

LANDSCAPE NOTES & DETAILS

Project No.	Scale	
190502038	AS NOTED	
Drawing No.	Sheet	Revision
L 500	26 of 63	0

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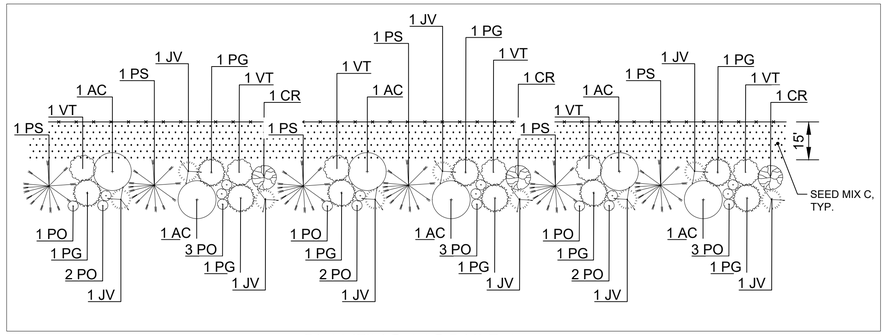
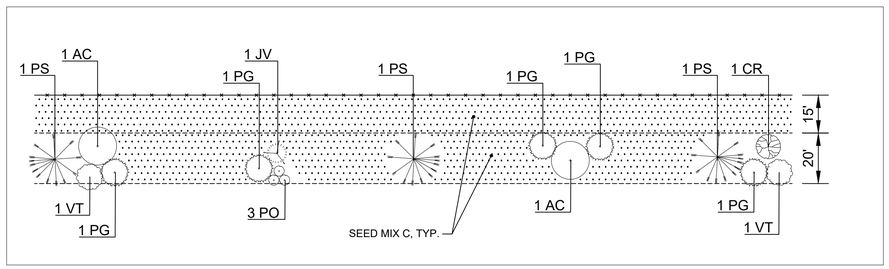


PLANTING MODULE A

PLANT SCHEDULE:

MODULE A — TOTAL LENGTH: 300

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
9	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
9	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
6	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80'
SHRUBS						
6	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
3	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
18	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
6	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'



PLANTING MODULE B

PLANT SCHEDULE:

MODULE B — TOTAL LENGTH: 300

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
5	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
3	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80'
SHRUBS						
2	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
2	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-1

MODULE B — TOTAL LENGTH: 625

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80'
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-2

MODULE B — TOTAL LENGTH: 700

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
3	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
12	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80'
SHRUBS						
5	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
9	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-3

MODULE B — TOTAL LENGTH: 600

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
6	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80'
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
4	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD
1 EXHIBIT 5: DESIGN DRAWINGS	MDF	TMP	21.05.21

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Client/Project
HECATE ENERGY CIDER SOLAR LLC
500MW AC CIDER SOLAR FARM

OAKFIELD & ELBA, NY
GENESEE COUNTY, NY

File Name: L501.dwg	TJC	TMP	MDF	20.12.04
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Title
PLANT SCHEDULES

Project No.	Scale	
190502038	N.T.S.	
Drawing No.	**Sheet**	**Revision**
L 501	27 of 63	0

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PLANT SCHEDULE: P-4

MODULE B — TOTAL LENGTH: 600

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
6	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80'
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
4	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-5

MODULE A — TOTAL LENGTH: 325

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
9	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
6	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
3	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
19	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
7	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-6

MODULE A — TOTAL LENGTH: 50

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
1	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
1	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
1	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-7

MODULE A — TOTAL LENGTH: 50

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
1	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
1	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
1	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-8

MODULE A — TOTAL LENGTH: 475

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
14	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
14	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
10	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
10	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
4	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
27	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
9	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-9

MODULE A — TOTAL LENGTH: 200

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
6	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
6	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
4	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
12	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
4	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-10

MODULE A — TOTAL LENGTH: 225

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
6	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
13	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-11

MODULE B — TOTAL LENGTH: 200

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
6	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
6	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
4	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
12	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
4	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-12

MODULE A — TOTAL LENGTH: 225

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
6	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
13	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

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Client/Project
HECATE ENERGY CIDER SOLAR LLC
500MW AC CIDER SOLAR FARM

OAKFIELD & ELBA, NY
GENESEE COUNTY, NY

File Name: L502.dwg	TJC	TMP	MDF	20.12.04
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Title
PLANT SCHEDULES

Project No.	Scale	
190502038	N.T.S.	
Drawing No.	Sheet	Revision
L 502	28 of 63	0

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PLANT SCHEDULE: P-13

MODULE A — TOTAL LENGTH: 350

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
10	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
7	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
3	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
21	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
7	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-14

MODULE A — TOTAL LENGTH: 225

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
6	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
13	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-15

MODULE A — TOTAL LENGTH: 325

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
9	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
6	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
3	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
19	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
7	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-16

MODULE B — TOTAL LENGTH: 400

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
12	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
12	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
8	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
8	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
4	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
24	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
8	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-17

MODULE A — TOTAL LENGTH: 725

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80'
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-18

MODULE B — TOTAL LENGTH: 500

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
3	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
12	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80'
SHRUBS						
5	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
9	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-19

MODULE B — TOTAL LENGTH: 950

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
6	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80'
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
4	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-20

MODULE A — TOTAL LENGTH: 1100

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
6	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80'
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
4	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-21

MODULE B — TOTAL LENGTH: 525

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
9	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
6	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
3	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
19	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
7	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

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Client/Project
HECATE ENERGY CIDER SOLAR LLC
500MW AC CIDER SOLAR FARM

OAKFIELD & ELBA, NY
GENESEE COUNTY, NY

File Name: L503.dwg	TJC	TMP	MDF	20.12.04
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Title
PLANT SCHEDULES

Project No.	Scale	
190502038	N.T.S.	
Drawing No.	Sheet	Revision
L 503	29 of 63	0

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PLANT SCHEDULE: P-22

MODULE B — TOTAL LENGTH: 225

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
1	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
1	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
1	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-23

MODULE B — TOTAL LENGTH: 150

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
1	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
1	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
1	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-24

MODULE B — TOTAL LENGTH: 25

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
14	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
14	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
10	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
10	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
4	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
27	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
9	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-25

MODULE B — TOTAL LENGTH: 375

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
6	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
6	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
4	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
12	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
4	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-26

MODULE B — TOTAL LENGTH: 625

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
6	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
13	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-27

MODULE A — TOTAL LENGTH: 600

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
6	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
6	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
4	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
12	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
4	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-28

MODULE B — TOTAL LENGTH: 1075

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
6	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
13	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-29

MODULE B — TOTAL LENGTH: 200

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
10	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
7	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
3	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
21	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
7	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-30

MODULE B — TOTAL LENGTH: 575

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
9	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
6	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
3	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

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Client/Project
HECATE ENERGY CIDER SOLAR LLC
500MW AC CIDER SOLAR FARM

OAKFIELD & ELBA, NY
GENESEE COUNTY, NY

File Name: L504.dwg	TJC	TMP	MDF	20.12.04
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Title
PLANT SCHEDULES

Project No.	Scale	
190502038	N.T.S.	
Drawing No.	**Sheet**	**Revision**
L 504	30 of 63	0

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PLANT SCHEDULE: P-31

MODULE A — TOTAL LENGTH: 1200

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
36	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
36	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
24	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
24	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
12	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
72	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
24	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-32

MODULE B — TOTAL LENGTH: 500

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
3	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
3	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-33

MODULE B — TOTAL LENGTH: 500

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
3	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
3	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-34

MODULE A — TOTAL LENGTH: 250

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
7	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
5	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
15	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-35

MODULE B — TOTAL LENGTH: 225

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
4	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
2	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
2	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-36

MODULE B — TOTAL LENGTH: 175

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
2	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
2	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-37

MODULE A — TOTAL LENGTH: 50

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
1	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
1	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-38

MODULE A — TOTAL LENGTH: 50

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
1	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
1	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-39

MODULE A — TOTAL LENGTH: 525

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
15	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
16	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
11	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
10	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
5	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
31	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
11	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD
1 EXHIBIT 5: DESIGN DRAWINGS	MDF	TMP	21.05.21

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Client/Project
HECATE ENERGY CIDER SOLAR LLC
500MW AC CIDER SOLAR FARM

OAKFIELD & ELBA, NY
GENESEE COUNTY, NY

File Name: L505.dwg	TJC	TMP	MDF	20.12.04
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Title
PLANT SCHEDULES

Project No.	Scale	
190502038	N.T.S.	
Drawing No.	Sheet	Revision
L 505	31 of 63	0

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PLANT SCHEDULE: P-40

MODULE B — TOTAL LENGTH: 175

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
2	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
2	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-41

MODULE B — TOTAL LENGTH: 100

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
2	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
1	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-42

MODULE B — TOTAL LENGTH: 200

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
2	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
2	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-43

MODULE A — TOTAL LENGTH: 1175

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
35	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
35	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
24	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
24	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
11	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
69	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
23	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-44

MODULE A — TOTAL LENGTH: 300

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
9	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
9	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
6	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
6	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
3	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
18	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
6	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-45

MODULE B — TOTAL LENGTH: 1050

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
31	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
31	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
21	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
21	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
10	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
63	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
21	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-46

MODULE A — TOTAL LENGTH: 275

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
8	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
8	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
6	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
6	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
15	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-47

MODULE B — TOTAL LENGTH: 475

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
14	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
14	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
10	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
10	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
4	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
27	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
9	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-48

MODULE B — TOTAL LENGTH: 325

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
5	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
4	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
2	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
3	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

Revision	By	Appd.	YY.MM.DD

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1 EXHIBIT 5: DESIGN DRAWINGS	MDF	TMP	21.05.21

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Client/Project
HECATE ENERGY CIDER SOLAR LLC
500MW AC CIDER SOLAR FARM

OAKFIELD & ELBA, NY
GENESEE COUNTY, NY

File Name: L506.dwg	TJC	TMP	MDF	20.12.04
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Title
PLANT SCHEDULES

Project No.	Scale	
190502038	N.T.S.	
Drawing No.	Sheet	Revision
L 506	32 of 63	0

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PLANT SCHEDULE: P-49

MODULE B — TOTAL LENGTH: 625

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-50

MODULE B — TOTAL LENGTH: 650

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
11	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
5	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-51 (NOT USED)

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
0	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
0	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
0	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
0	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
0	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
0	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-52

MODULE A — TOTAL LENGTH: 250

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
7	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
5	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
15	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-53

MODULE A — TOTAL LENGTH: 575

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
17	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
17	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
12	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
12	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
5	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
33	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
11	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-54

MODULE A — TOTAL LENGTH: 225

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
6	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
13	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-55

MODULE A — TOTAL LENGTH: 200

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
6	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
6	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
4	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
12	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
4	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-56

MODULE A — TOTAL LENGTH: 2450

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
73	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
73	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
49	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
49	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
24	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
147	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
49	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-57

MODULE A — TOTAL LENGTH: 225

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
6	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
13	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

Revision	By	Appd.	YY.MM.DD

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1 EXHIBIT 5: DESIGN DRAWINGS	MDF	TMP	21.05.21

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Client/Project
HECATE ENERGY CIDER SOLAR LLC
500MW AC CIDER SOLAR FARM

OAKFIELD & ELBA, NY
GENESEE COUNTY, NY

File Name: L507.dwg	TJC	TMP	MDF	20.12.04
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Title
PLANT SCHEDULES

Project No.	Scale	
190502038	N.T.S.	
Drawing No.	Sheet	Revision
L 507	33 of 63	0

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PLANT SCHEDULE: P-58

MODULE B — TOTAL LENGTH: 675

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
11	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
5	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
5	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-59

MODULE A — TOTAL LENGTH: 600

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
18	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
18	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
12	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
12	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
6	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
36	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
12	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-60

MODULE B — TOTAL LENGTH: 600

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
6	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
2	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
4	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-61

MODULE B — TOTAL LENGTH: 325

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
5	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
4	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
2	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
3	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-62

MODULE B — TOTAL LENGTH: 400

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
4	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
3	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
3	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-63

MODULE A — TOTAL LENGTH: 575

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
17	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
17	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
12	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
12	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
5	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
33	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
11	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-64

MODULE A — TOTAL LENGTH: 1300

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
39	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
39	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
26	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
26	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
13	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
78	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
26	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-65

MODULE B — TOTAL LENGTH: 300

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
5	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
3	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
2	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
2	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-66

MODULE B — TOTAL LENGTH: 100

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
2	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
1	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

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Client/Project
HECATE ENERGY CIDER SOLAR LLC
500MW AC CIDER SOLAR FARM

OAKFIELD & ELBA, NY
GENESEE COUNTY, NY

File Name: L508.dwg	TJC	TMP	MDF	20.12.04
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Title
PLANT SCHEDULES

Project No.	Scale	
190502038	N.T.S.	
Drawing No.	Sheet	Revision
L 508	34 of 63	0

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PLANT SCHEDULE: P-67

MODULE B — TOTAL LENGTH: 100

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
2	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
1	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-68

MODULE B — TOTAL LENGTH: 300

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
5	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
3	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
2	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
2	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-69

MODULE B — TOTAL LENGTH: 375

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
6	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
4	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
3	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
3	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-70

MODULE A — TOTAL LENGTH: 100

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
3	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
3	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
2	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
2	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
2	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-71

MODULE A — TOTAL LENGTH: 550

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
16	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
16	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
11	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
11	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
5	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
33	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
11	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-72

MODULE A — TOTAL LENGTH: 550

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
16	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
16	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
11	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
11	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
5	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
33	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
11	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-73

MODULE B — TOTAL LENGTH: 525

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
9	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
4	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
3	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-74

MODULE A — TOTAL LENGTH: 350

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
10	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
10	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
7	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
7	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
3	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
21	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
7	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-75

MODULE A — TOTAL LENGTH: 525

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
15	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
16	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
11	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
10	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
5	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
31	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
11	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

Revision	By	Appd.	YY.MM.DD

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1 EXHIBIT 5: DESIGN DRAWINGS	MDF	TMP	21.05.21

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Client/Project
HECATE ENERGY CIDER SOLAR LLC
500MW AC CIDER SOLAR FARM

OAKFIELD & ELBA, NY
GENESEE COUNTY, NY

File Name: L509.dwg	TJC	TMP	MDF	20.12.04
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Title
PLANT SCHEDULES

Project No.	Scale	
190502038	N.T.S.	
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PLANT SCHEDULE: P-76

MODULE B — TOTAL LENGTH: 200

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
2	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
2	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
1	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-77

MODULE B — TOTAL LENGTH: 450

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
3	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
3	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-78

MODULE A — TOTAL LENGTH: 1300

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
39	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
39	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
26	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
26	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
13	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
60	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
26	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-79

MODULE A — TOTAL LENGTH: 300

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
9	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
9	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
6	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
6	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
3	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
18	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
6	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-80

MODULE B — TOTAL LENGTH: 450

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
7	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
5	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
3	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
1	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
6	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
3	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

PLANT SCHEDULE: P-81

MODULE B — TOTAL LENGTH: 275

QTY	KEY	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	ROOT	MATURE HEIGHT
TREES						
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT	B&B	40-50'
4	PG	PICEA GLAUCA	WHITE SPRUCE	6-8' HT	B&B	40-60'
3	PS	PINUS STROBUS	EASTERN WHITE PINE	6-8' HT	B&B	50-80' '
SHRUBS						
2	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	6-7' HT	B&B	25-30'
0	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3-4' HT	B&B	10-15'
3	PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	18-24" HT	#5 CONT.	5-8'
1	VT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	6-10' HT	B&B	8-12'

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1 EXHIBIT S: DESIGN DRAWINGS	MDF	TMP	21.05.21

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Client/Project
HECATE ENERGY CIDER SOLAR LLC
500MW AC CIDER SOLAR FARM

OAKFIELD & ELBA, NY
GENESEE COUNTY, NY

File Name: L510.dwg	TJC	TMP	MDF	20.12.04
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Title
LANDSCAPE DETAILS 2

Project No.	Scale	
190502038	N.T.S.	
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