

LEGENE	LEGEND - LANDSCAPE PLAN								
	DESCRIPTION								
	STANDARD PLANTING								
	DOUBLE PLANTING								
	NO ADDITIONAL PLANTING								
LEG	GEND - GENERAL								
	DESCRIPTION								
	FENCE								
	PHOTOVOLTAIC PANEL								
	INVERTER								
	DNO								

PRELIMINARY NOT FOR CONSTRUCTION 02/10/2025



						S	Sta
С	ISSUED FOR REVIEW	RB	SL	AC	02/10/2025	Stantec C	Consulting Sei 3052 Be
В	ISSUED FOR REVIEW	RB	SL	AC	12/20/2024	50 Derby Street Suite 260	JUJZ Be Lex
Α	ISSUED FOR REVIEW	RB	SL	AC	11/26/2024	Hingham, MA U.S.A. 02043	U.S
REV.	DESCRIPTION	DRAWN	CHKD	APPRVD	DATE		www.stantec.com
	DRAWING REVISIONS					FILE NAME: 2057322000 Lost	City Solar.dwg

		CC
	Stantec	SE
/2025	Stantec Consulting Services Inc.	
/2023	50 Derby Street 3052 Beaumont Centre Circle	

Suite 260 Hingham, MA U.S.A. 02043 Lexington, Kentucky U.S.A. 40513-1703 www.stantec.com

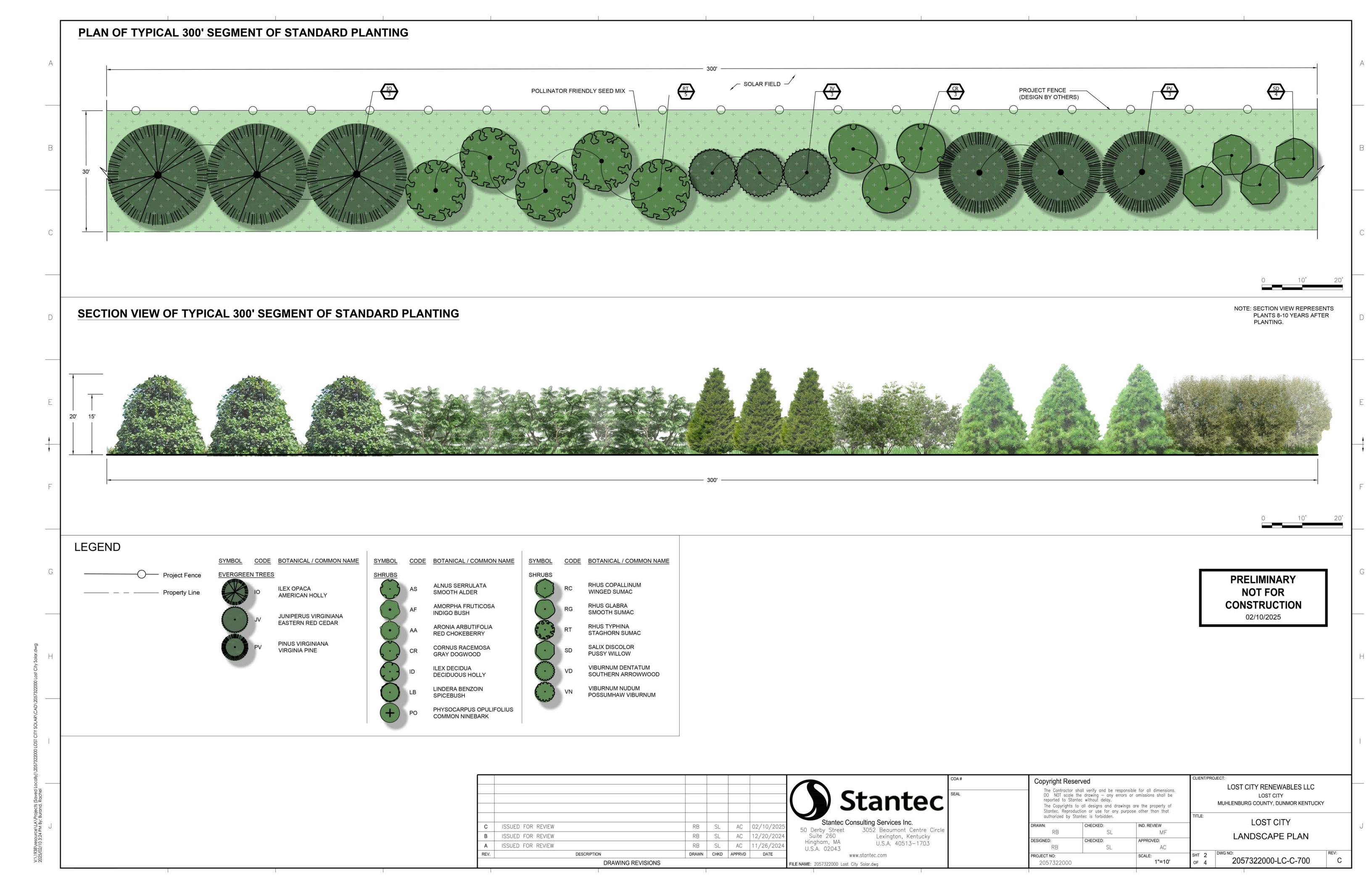
opyngm reserved
The Contractor shall verify and be responsible for all dimensions DO NOT scale the drawing — any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

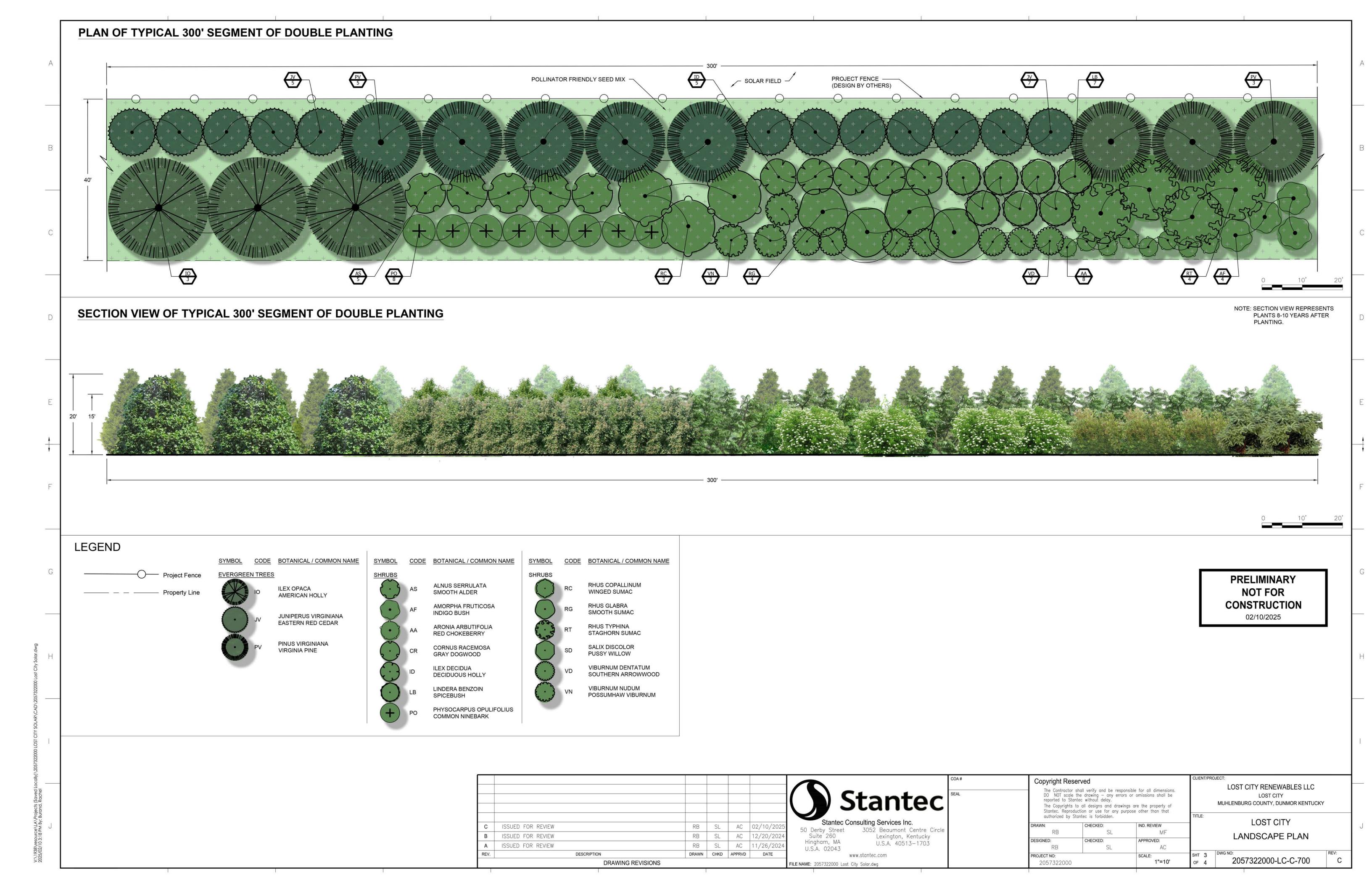
antec. Reproducti Ithorized by Stant	on or use for any purpose tec is forbidden.	other than that	TITLE
	CHECKED:	IND. REVIEW	
RB	SL	MF	
D:	CHECKED:	APPROVED:	
RB	SL	AC	
NO:		SCALE:	SHT
57322000		1"=800'	OF

CLIENT/PROJECT:
LOST CITY RENEWABLES LLC
LOST CITY
MUHLENBURG COUNTY, DUNMOR KENTUCKY

.E:	LOST CITY
	OVERALL LANDSCAPE PLAN

2057322000-LC-C-700





PLANT	SCHEDU	LE							
QTY	SYMBOL BOTANICAL NAME		COMMON NAME	USDA PLANTING ZONE	APPROXIMATE MATURE HEIGHT	APPROXIMATE MATURE SPREAD	AVERAGE ANNUAL GROWTH	SPECIFICATION	NOTES
TREES									
300	Ю	ILEX OPACA	AMERICAN HOLLY	5 TO 9	15' TO 35'	20' TO 35'	6"	MIN. 4'-5' HEIGHT - CONTAINER / B&B	SPACE PLANTS AS
1,014	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	2 TO 9	40' TO 50'	12' TO 15'	12" TO 18"	MIN. 4'-5' HEIGHT - CONTAINER / B&B	SHOWN IN TYPICAL
697	PV	PINUS VIRGINIANA	VIRGINIA PINE	4 TO 8	40' TO 80'	10' TO 30'	8" TO 12"	MIN. 4'-5' HEIGHT - CONTAINER / B&B	LAYOUT
2,010	TOTAL TRE	EES		•					
SHRUBS									
397	AS	ALNUS SERRULATA	SMOOTH ALDER	4 TO 9	10' TO 15'	10' TO 15'	12"	MIN. 3' HEIGHT - CONTAINER / B&B	
318	AF	AMORPHA FRUTICOSA	INDIGO BUSH	4 TO 9	4' TO 15'	6' TO 15'	12"	MIN. 3' HEIGHT - CONTAINER / B&B	
635	AA	ARONIA ARBUTIFOLIA	RED CHOKEBERRY	4 TO 9	6' TO 10'	3' TO 6'	12"	MIN. 3' HEIGHT - CONTAINER / B&B	
61	CR	CORNUS RACEMOSA	GRAY DOGWOOD	3 TO 8	10' TO 15'	10' TO 15'	8" TO 12"	MIN. 3' HEIGHT - CONTAINER / B&B	
397	ID	ILEX DECIDUA	DECIDUOUS HOLLY	5 TO 9	10' TO 15'	5' TO 12'	12" TO 18"	MIN. 3' HEIGHT - CONTAINER / B&B	
556	LB	LINDERA BENZOIN	SPICEBUSH	4 TO 9	6' TO 12'	6' TO 12'	12" TO 18"	MIN. 3' HEIGHT - CONTAINER / B&B	SPACE PLANTS AS
635	РО	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	2 TO 8	5' TO 8'	6' TO 10'	18" TO 24"	MIN. 3' HEIGHT - CONTAINER / B&B	SHOWN IN TYPICAL
238	RC	RHUS COPALLINUM	WINGED SUMAC	4 TO 9	7' TO 15'	10' TO 20'	12"	MIN. 3' HEIGHT - CONTAINER / B&B	LAYOUT
318	RG	RHUS GLABRA	SMOOTH SUMAC	3 TO 9	9' TO 15'	9' TO 15'	12" TO 18"	MIN. 3' HEIGHT - CONTAINER / B&B	
420	RT	RHUS TYPHINA	STAGHORN SUMAC	3 TO 8	15' TO 25'	20' TO 30'	12" TO 18"	MIN. 3' HEIGHT - CONTAINER / B&B	
82	SD	SALIX DISCOLOR	PUSSY WILLOW	4 TO 8	10' TO 20'	8' TO 12'	12" TO 24"	MIN. 3' HEIGHT - CONTAINER / B&B	
556	VD	VIBURNUM DENTATUM	SOUTHERN ARROWWOOD	3 TO 8	3' TO 9'	6' TO 8'	12" TO 24"	MIN. 3' HEIGHT - CONTAINER / B&B	
238	VN	VIBURNUM NUDUM	POSSUMHAW VIBURNUM	5 TO 9	5' TO 12'	5' TO 12'	12"	MIN. 3' HEIGHT - CONTAINER / B&B	

- 1. MATURE HEIGHT, MATURE SPREAD, AND AVERAGE ANNUAL GROWTH IS APPROXIMATE. ACTUAL MATURE HEIGHT, MATURE SPREAD, AND ANNUAL GROWTH MAY VARY.
- PROJECT IS LOCATED IN USDA PLANTING ZONE 7A (MUHLENBERG COUNTY, KENTUCKY).
- 3. PLANTING SPECIES ARE REPRESENTATIVE OF DESIGN INTENT. ACTUAL SPECIES MAY VARY BASED ON AVAILABILITY OF LOCAL NURSERY STOCK. CONTRACTOR MAY SUBMIT ALTERNATE SPECIES REQUEST FOR
- APPROVAL BY LANDSCAPE ARCHITECT.

		SEGMENT:											
TOTAL QTY	SYMBOL	1	2	3	4	5	6	7	8	9	10		
INEAR FT		6,174	1,105	1,633	1,332	1,474	2,121	1,708	1,510	9,940	2,965		
2,010	TREES												
300	Ю	62	11	16	13	15	21	17	15	99	30		
1014	JV	247	44	65	53	15	85	17	60	398	30		
697	PV	165	29	44	36	15	57	17	40	265	30		
4,850 SHRUBS													
397	AS	103	18	27	22	0	35	0	25	166	0		
318	AF	82	15	22	18	0	28	0	20	133	0		
635	AA	165	29	44	36	0	57	0	40	265	0		
61	CR	0	0	0	0	15	0	17	0	0	30		
397	ID	103	18	27	22	0	35	0	25	166	0		
556	LB	144	26	38	31	0	49	0	35	232	0		
635	PO	165	29	44	36	0	57	0	40	265	0		
238	RC	62	11	16	13	0	21	0	15	99	0		
318	RG	82	15	22	18	0	28	0	20	133	0		
420	RT	82	15	22	18	25	28	28	20	133	49		
82	SD	0	0	0	0	20	0	23	0	0	40		
556	VD	144	26	38	31	0	49	0	35	232	0		
238	VN	62	11	16	13	0	21	0	15	99	0		
	EES & SHRUBS PER SEGMENT:	1,667	298	441	360	103	<i>57</i> 3	120	408	2,684	208		

VEGETATIVE SCREENING NOTES: SHRUB AND TREE INSTALLATION

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYOUT OF ALL WORK COVERED UNDER THESE PLANS.
- 2. ALL PLANT MATERIAL, UNLESS OTHERWISE SPECIFIED, SHALL BE UNIFORMLY BRANCHED AND HAVE A VIGOROUS ROOT SYSTEM. PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE FROM DEFECTS, DECAY,
- DISEASES, INSECT PEST EGGS, AND ALL FORMS OF INFESTATION. ALL PLANT MATERIAL SHALL BE FRESH, FREE FROM TRANSPLANT SHOCK OR VISIBLE WILT. PLANTS DEEMED UNHEALTHY SHALL BE REJECTED. 3. ALL PLANT MATERIAL SHALL MEET THE MINIMUM SPECIFICATIONS AND STANDARDS DESCRIBED IN THE CURRENT ISSUE OF "THE AMERICAN STANDARD FOR NURSERY STOCK," PUBLISHED BY THE AMERICAN
- ASSOCIATION OF NURSERYMEN, 1250 I STREET, N.W., SUITE 500, WASHINGTON, D.C. 20005. 4. ALL CONTAINER STOCK SHALL HAVE BEEN PROPAGATED IN A CONTAINER LONG ENOUGH FOR THE ROOT SYSTEM TO HAVE DEVELOPED SUFFICIENTLY TO HOLD ITS SOIL. CONTAINER STOCK WITH POORLY DEVELOPED
- 5. PLANTS SHALL BE PREPARED FOR SHIPMENT IN A MANNER THAT SHALL NOT CAUSE DAMAGE TO THE BARK, BUDS, BRANCHES, STEMS, OR OVERALL SHAPE OF THE STOCK. CONTAINER GROWN PLANTS SHALL BE
- 6. PLANTS NOT INSTALLED ON THE DAY OF ARRIVAL AT THE SITE SHALL BE STORED AND PROTECTED BY THE CONTRACTOR. OUTSIDE STORAGE AREAS SHALL BE SHADED AND PROTECTED FROM THE WIND AND SUN. PLANTS STORED ON SITE SHALL BE PROTECTED FROM ANY DRYING AT ALL TIMES BY COVERING THE BALLS OR ROOTS WITH MOIST SAWDUST, WET BURLAP, WOOD CHIPS, SHREDDED BARK, PEAT MOSS, OR OTHER
- 7. PLANT SUBSTITUTIONS MAY BE MADE BASED ON AVAILABILITY BUT MUST BE OF SIMILAR SIZE AND LANDSCAPE (SCREENING) VALUE. ALL SUBSTITUTIONS MUST BE APPROVED BY THE OWNER OR OWNER'S
- 8. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.

TRANSPORTED IN THE CONTAINERS IN WHICH THEY HAVE BEEN GROWN.

SIMILAR MULCHING MATERIAL, OR OTHER METHODS APPROVED BY OWNER.

9. NO PLANTING SHALL OCCUR WHEN THE SOIL IS FROZEN.

PLANTING SEQUENCE

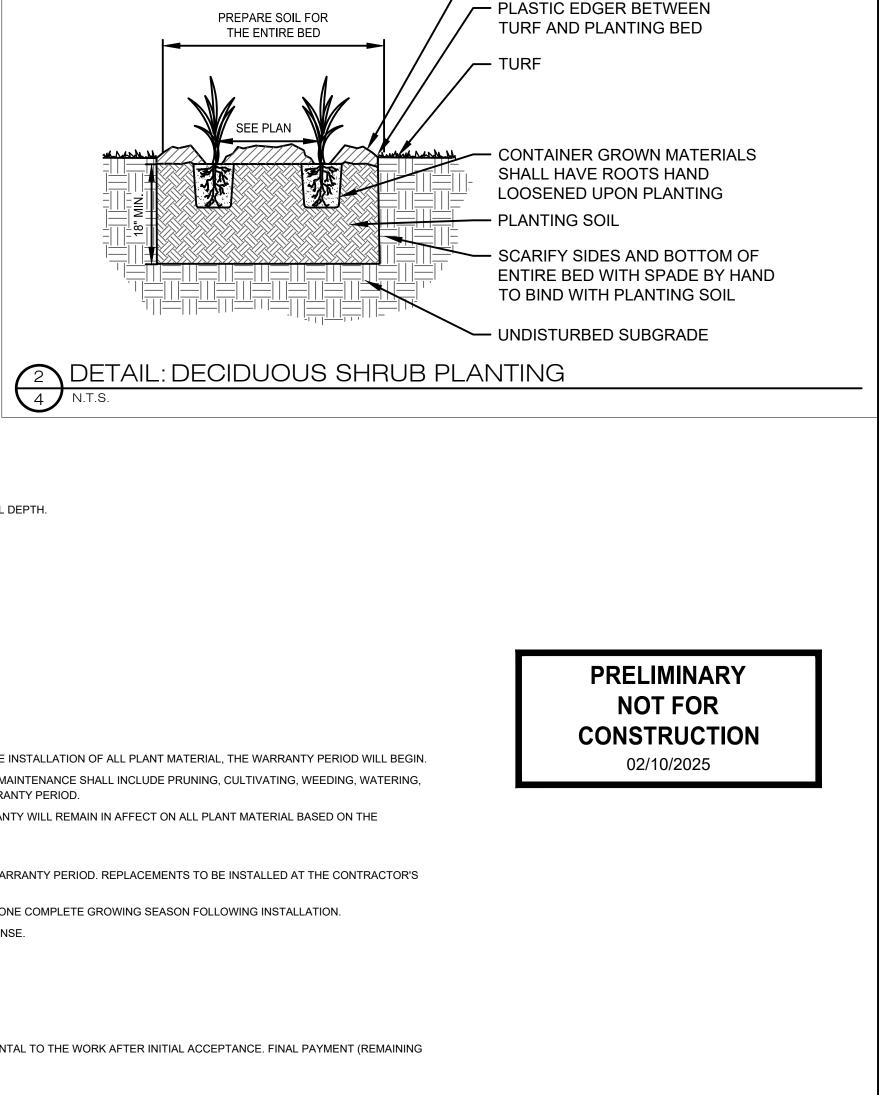
- DIG THE PLANTING HOLE A MINIMUM OF 2x WIDTH OF ROOTBALL FOR AT LEAST THE FIRST 12 INCHES OF DEPTH. BELOW 12 INCHES, DIG HOLE WIDE ENOUGH TO PERMIT ADJUSTING. DO NOT DIG THE HOLE DEEPER THAN ROOT BALL DEPTH.
- HOLES FOR INDIVIDUAL PLANTINGS SHALL BE EXCAVATED TO PRODUCE VERTICAL SIDES AND FLAT BOTTOMS. ALL PLANTING HOLES SHALL HAVE ROUGHED, SCARIFIED SIDES AND BOTTOMS.
- LIFT AND SET THE TREE BY ROOT BALL ONLY. DO NOT LIFT USING THE TREE TRUNK AND DO NOT USE TREE TRUNK AS A LEVER.
- SET THE TOP OF THE ROOT BALL LEVEL WITH THE SOIL SURFACE OR SLIGHTLY HIGHER.
- BACKFILL WITH EXISTING SOIL THAT HAS BEEN WELL-TILLED OR BROKEN UP.
- PRUNING SHALL BE LIMITED TO DEAD, DISEASED, OR BROKEN LIMBS ONLY AND SHALL BE IN ACCORDANCE WITH ANSI A300 SPECIFICATIONS.
- REMOVE ANY TRUNK WRAP REMAINING AT TIME OF PLANTING. NO WRAPS SHALL BE PLACED ON TRUNK.
- THE CONTRACTOR SHALL RESTORE AREAS DISTURBED BY THE INSTALLATION OF SHRUBS AND TREES.

PROJECT ACCEPTANCE, MAINTENANCE, AND WARRANTY

- 1. PLANTED AREAS WILL BE INSPECTED AT COMPLETION OF INSTALLATION AND ACCEPTED (INITIAL ACCEPTANCE) WITH SPECIFIED MATERIALS AND INSTALLATION REQUIREMENTS. FOLLOWING INITIAL ACCEPTANCE OF THE COMPLETE INSTALLATION OF ALL PLANT MATERIAL, THE WARRANTY PERIOD WILL BEGIN.
- 2. CONTRACTOR SHALL MAINTAIN INSTALLED SHRUBS AND TREES WITHIN THE PROJECT LIMITS UNTIL FINAL ACCEPTANCE OF THE PROJECT BY THE ENGINEER. FINAL ACCEPTANCE SHALL BE AT THE END OF THE WARRANTY PERIOD. MAINTENANCE SHALL INCLUDE PRUNING, CULTIVATING, WEEDING, WATERING, AND METHODS NECESSARY TO MAINTAIN PLANTS FREE OF INSECT, DISEASE, OR OTHER HERBIVORY DAMAGE UNTIL ACCEPTANCE. MAINTENANCE PERIOD SHALL BE ASSUMED TO CONTINUE THROUGH THE DURATION OF THE WARRANTY PERIOD.
- 3. WARRANT PLANT MATERIAL TO REMAIN ALIVE AND BE IN HEALTHY, VIGOROUS CONDITION FOR A PERIOD OF ONE (1) YEAR AFTER INITIAL ACCEPTANCE. IF PLANTING WINDOWS, THIS WARRANTY WILL REMAIN IN AFFECT ON ALL PLANT MATERIAL BASED ON THE WARRANTY PERIOD OF THE MOST RECENTLY INSTALLED PLANT MATERIAL.
- 4. REMOVE AND IMMEDIATELY REPLACE ALL PLANTS, AS DETERMINED BY THE OWNER'S REPRESENTATIVE, TO BE UNSATISFACTORY DURING THE INITIAL PLANTING INSTALLATION.
- 5. REPLACE AT ONCE, IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS, ALL PLANTS THAT ARE DEAD OR, AS DETERMINED BY THE OWNER'S REPRESENTATIVE, OR ARE IN SEVERELY UNHEALTHY CONDITION WITHIN THE WARRANTY PERIOD. REPLACEMENTS TO BE INSTALLED AT THE CONTRACTOR'S EXPENSE AT NEXT BEST PLANTING SEASON.
- 6. TREE STAKING SHOULD BE REMOVED AFTER ONE COMPLETE GROWING SEASON. IF STAKING IS REQUIRED ON REPLACED WARRANTY PLANTING, THESE STAKES SHALL BE REMOVED AFTER ONE COMPLETE GROWING SEASON FOLLOWING INSTALLATION.
- 7. CONTRACTOR IS RESPONSIBLE FOR PROVIDING HERBIVORY PROTECTION DURING THE MAINTENANCE AND WARRANTY PERIOD. REPLACEMENT OF PLANTS DUE TO DAMAGE FROM HERBIVORY WILL BE AT THE CONTRACTOR'S EXPENSE.
- 8. UPON FINAL ACCEPTANCE, THE OWNER WILL ASSUME PLANT MAINTENANCE.

PROJECT MEASUREMENT AND PAYMENT

- 1. THE QUANTITY OF PLANTING TO BE PAID FOR WILL BE THE ACTUAL INDIVIDUAL PLANTS INSTALLED AND MAINTAINED.
- 2. ALL WORK COVERED BY THIS ITEM WILL BE PAID FOR AT THE CONTRACT RATE PER PLANT. SUCH PRICE WILL BE PARTIAL PAYMENT (90%) FOR THE WORK INCLUDING MATERIALS, LABOR, WARRANTY, AND ANY OTHER ITEMS. INCIDENTAL TO THE WORK AFTER INITIAL ACCEPTANCE. FINAL PAYMENT (REMAINING 10%) WILL BE PAID FOLLOWING FINAL ACCEPTANCE AFTER COMPLETION OF THE WARRANTY PERIOD.



CLIENT/PROJECT

— RUBBER HOSE

— 2" X 2" HARDWOOD STAKE

— HARDWOOD MULCH (3") MIN.

— GALVANIZED WIRE GUY

-REMOVE BURLAP FROM TOP 1/3 OF ROOT BALL

SHREDDED HARDWOOD MULCH (MINIMUM 4" DEPTH), PULLED AWAY FROM BASE OF TREE

- EARTH SAUCER AROUND TREE

1. DO NOT CUT MAIN LEADER.

BACKFILL WITH MATERIAL

SIDES AND BOTTOMS OF PLANTING PIT SHOULD BE-ROUGHED AND SCARIFIED

ROOT BALL SHOULD

UNDISTURBED SOIL

BE SET ON-

DETAIL: EVERGREEN TREE PLANTING

N.T.S.

REMOVED DURING PLANTING PIT EXCAVATION AND TAMP 1 TO PREVENT SETTLEMENT

	DRAWING REVISIO	NS				FILE NAME: 2057322000 Lost City Solar.dwg		2057322000		N/A	OF 4 2057322000-LC-C-700 C
REV.	DESCRIPTION	DRAWN	CHKD	APPRVD	DATE	www.stantec.com		PROJECT NO:		SCALE:	SHT 4 DWG NO: REV:
Α	ISSUED FOR REVIEW	RB	SL	AC	11/26/2024	Hingham, MA U.S.A. 40513—1703 U.S.A. 02043		RB	SL	AC	
В	ISSUED FOR REVIEW	RB	SL	AC	12/20/2024	Suite 260 Lexington, Kentucky		DESIGNED:	CHECKED:	APPROVED:	LANDSCAPE DETAILS
С	ISSUED FOR REVIEW	RB	SL	AC	02/10/2025	Stantec Consulting Services Inc. 50 Derby Street 3052 Beaumont Centre Circle		DRAWN:	CHECKED:	IND. REVIEW	LOST CITY
								authorized by Sta	tion or use for any pu ntec is forbidden.	pose other than that	TITLE:
						(Stantec	SEAL	DO NOT scale th reported to Stante The Copyrights to	ne drawing — any errors ec without delay. all designs and drawin	or omissions shall be	LOST CITY MUHLENBURG COUNTY, DUNMOR KENTUCKY
							COA#	Copyright Reser			LOST CITY RENEWABLES LLC