



SYSTEM COMPONENTS			
	COUNT	RATING (W)	MODEL
PV MODULE	5330	450	HELIENE 144HC
INVERTER TYPE 1	14	125,000	CPS 125KW
INVERTER TYPE 2	0	0	-
INVERTER TYPE 3	0	0	-
INVERTER TYPE 4	0	0	-
TOTAL INVERTER	14		
SYSTEM SIZE			
SYSTEM DC RATING (KW)	2398.50		
SYSTEM AC NAME PLATE (KW)	1750.00	DC: AC RATIO	1.37
		TOTAL STRING	205
SYSTEM MOUNTING INFORMATION			
	GROUND MOUNTED		
MODULE MOUNTING METHOD	20' GROUND, 180° AZI		
RACKING BRAND	RBI		

EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE

DO NOT STAKE OR WRAP TRUNK
2" DOUBLE SHREDED HARDWOOD MULCH (DO NOT PLACE MULCH IN CONTACT WITH TREE TRUNK)
HOLE SHALL BE 2 1/2 TIMES THE WIDTH OF THE ROOT BALL
ROPE AT TOP OF BALL SHALL BE CUT AND REMOVED. FOLD BACK TOP 1/3 OF BURLAP. ALL NON-BIODEGRADABLE MATERIAL SHALL BE REMOVED.
UNDISTURBED SUBGRADE - DIG WIDE, SHALLOW HOLE WITH FLARED SIDES

AVOID PURCHASING TREES WITH TWO LEADERS OR REMOVE ONE AT PLANTING; OTHERWISE, DO NOT PRUNE TREE AT PLANTING EXCEPT FOR SPECIFIC STRUCTURAL CORRECTIONS
SET ROOT BALL FLUSH TO GRADE OR SEVERAL INCHES HIGHER IN POORLY DRAINING SOILS
CUT BANDS OF WIRE BASKET AND FOLD AWAY FROM TOP OF ROOT BALL
4" BUILT-UP EARTH SAUCER
BACKFILL SOIL 1 PART SOIL AMENDMENT (BASED ON SOIL TEST) 3 PARTS NATIVE TOPSOIL
4-6" DEEPER THAN ROOT BALL
TAMP SOIL SOLIDLY AROUND BASE OF ROOT BALL
SET ROOT BALL ON FIRM PAD IN BOTTOM OF HOLE

NOTES:
1. FOR CONTAINER-GROWN TREES, USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL; THEN CUT OR PULL APART ANY ROOTS CIRCLING THE PERIMETER OF THE CONTAINER.
2. THOROUGHLY SOAK THE TREE ROOT BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
3. SOIL AMENDMENTS:
MODIFY HEAVY CLAY OR SILT SOILS (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) OR GYPSUM
MODIFY EXTREMELY SANDY SOILS (MORE THAN 85% SAND) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDED CLAY LOAM UP TO 30% OF THE TOTAL MIX
4. EVERGREEN TREES TO BE PLANTED SHALL BE THUJA GREEN GIANT (THUJA STANDISHI X PLICATA). DOUBLE STAGGERED ROW OF TREES SHALL BE PLANTED WITH A 15' SPACING HORIZONTAL AND DIAGONAL. EVERGREEN TREE PLANTINGS SHALL BE GUARANTEED FOR A PERIOD OF 1 YEAR. 12" TALL EVERGREENS SHALL BE PLANTED AS SHOWN ON THIS PLAN.

GREEN STREET POWER PARTNERS

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SCALE	PROJECT NUMBER:	SHEET	SHEET SIZE	NO.	DATE	REVISIONS	BY	APP
NTS	KIMCO GREENRIDGE	1 OF 1	24" X 36"	1	07/19/2021	PRELIMINARY	GSPF	GSPF
				2	07/22/2021	PRELIMINARY REV.	GSPF	GSPF
				3				
				4				
				5				
				6				
				7				

PROJECT NAME: **CIUFFETELLI - STRAWBERRY**
PROJECT ADDRESS: **1645 STRAWBERRY ROAD, MOHEGAN LAKE, NY 10547**
SHEET NAME: **PRELIMINARY SITE PLAN**

E-100