

PLANT LEGEND

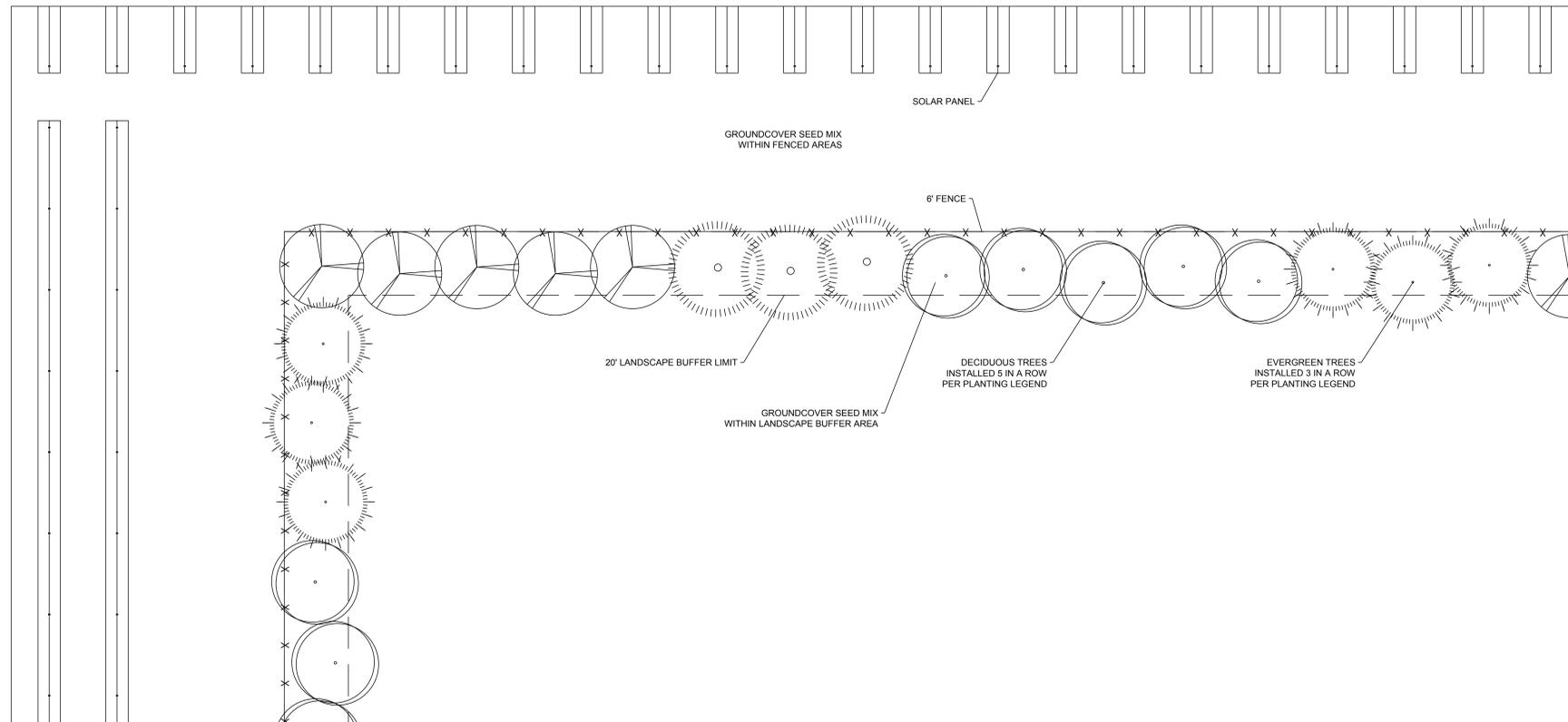
DECIDUOUS TREES			
BOTANICAL NAME / COMMON NAME	SIZE	SPACING	
ACER RUBRUM / RED MAPLE	2" BB	25' AVERAGE	
ACER SACCHARUM / SUGAR MAPLE	2" BB	25' AVERAGE	
QUERCUS BICOLOR / SWAMP WHITE OAK	2" BB	25' AVERAGE	
TAXODIUM DISTICHUM / BALD CYPRESS	2" BB	25' AVERAGE	
ULMUS AMERICANA 'PRINCETON' / PRINCETON AMERICAN ELM	2" BB	25' AVERAGE	
EVERGREEN TREES			
BOTANICAL NAME / COMMON NAME	SIZE	SPACING	
JUNIPERUS VIRGINIANA / EASTERN RED CEDAR	6' BB	15' AVERAGE	
PINUS STROBUS / EASTERN WHITE PINE	2" BB	25' AVERAGE	
PINUS NIGRA / AUSTRIAN PINE	6' BB	25' AVERAGE	
GROUNDCOVER			
BOTANICAL NAME / COMMON NAME	SIZE	SPACING	
SEE GROUNDCOVER SEED MIX SCHEDULE BELOW	SEED	NA	

MAINTENANCE PLAN

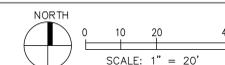
- TREES**
- IRRIGATE NEWLY PLANTED TREES WITH AN AUTOMATIC DRIP SYSTEM OR REGULAR WATERING VIA PORTABLE WATER TANK DURING THE FIRST GROWING SEASON.
 - STAKE TREES WITH 2 TO 3 STEEL T-POSTS EACH TREE. PROVIDE NON-ABRASIVE RUBBER TIES.
 - PROVIDE 2"-3" THICK SHREDDED BARK MULCH RING, 4' WIDE AT BASE OF EACH TREE.
 - REMOVE DEAD OR DISEASED TREES FROM SITE AND REPLACE WITH NEW TREE FROM PLANT LEGEND.
- GROUNDCOVER**
- GROUND COVER INSIDE THE FENCE AND IN THE LANDSCAPE BUFFER SHALL BE MOWED PERIODICALLY TO MAINTAIN A HEIGHT OF 8"-10".
 - APPLY BROAD SPECTRUM HERBICIDE ALONG FENCE AND AROUND PANEL SUPPORTS TO CONTROL PLANT GROWTH NOT SUPPRESSED BY MOWING.
 - CONDUCT REGULAR INSPECTIONS THROUGHOUT THE GROWING SEASON. SELECTIVELY APPLY HERBICIDE TO CONTROL PATCHES OF NOXIOUS WEED GROWTH.
 - SUPPLEMENTAL SEEDING (OVERSEEDING) MAY BE NECESSARY TO PROMOTE DENSE PLANT GROWTH. TYPICALLY THIS IS CONDUCTED IN THE SECOND GROWING SEASON AFTER INSTALLATION.

GROUNDCOVER SEED MIX SCHEDULE

Botanical Name	Common Name	PLS Oz./Acre	Percent Wt.
Avena sativa	oats (temporary cover)	36.0	53.3%
Bouteloua curtipendula	side-oats grama	4.8	7.1%
Carex bicknellii	copper-shouldered oval sedge	0.1	0.1%
Carex brevior	plains oval sedge	0.2	0.3%
Chamaecrista fasciculata	partridge pea	1.2	1.8%
Coreopsis lanceolata	sand coreopsis	0.4	0.6%
Dalea purpurea	purple prairie clover	0.2	0.3%
Echinacea purpurea	broad-leaved purple coneflower	0.4	0.6%
Elymus canadensis	Canada wild rye	6.4	9.5%
Koeleria pyramidata	June grass	0.2	0.3%
Lolium multiflorum	annual rye grass	10.0	14.8%
Rudbeckia hirta	black-eyed susan	1.2	1.8%
Schizachyrium scoparium	little bluestem	6.4	9.5%
Total		68.5	100%

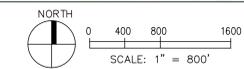


LANDSCAPE BUFFER DETAIL



SCHEMATIC LANDSCAPE PLAN

20' WIDE LANDSCAPE BUFFER



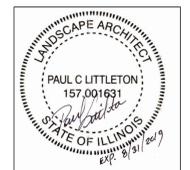
General Notes

Finish Grading - The soil shall be conditioned by loosening and finely pulverizing the soil to a depth of three inches. The fine grading and soil conditioning will be done just prior to groundcover seeding.

Groundcover - Apply groundcover seed mix by hand-crank, tow-behind broadcaster, or no-till seed drill (see below). When broadcasting, start with half of the seed and try to cover a measured area with that amount of seed. Take the remaining half of the seed, go to the opposite end of the site and cover it again. This approach helps prevent running out of seed, a common occurrence. After broadcasting is complete, it is important to use a cultipacker or roller over the area to make good seed-to-soil contact. If a roller is not available, tractor tires can be used instead. Do not cover seed more than 1/4-inch deep.

No-Till Drill - For large groundcover areas and areas of existing vegetation, use a no-till seed drill, which does not require the soil to be tilled before planting, resulting in minimal soil disturbance. No-till drills plant seed in rows by opening slits in the soil, into which seed is deposited. Several brands of no-till drills are available to plant prairie forbs and grasses. If using a no-till drill, follow the specific manufacturer's recommendations. Because the diversity of seed sizes makes drill calibration a challenge, perform a few test areas first to help prevent running out of seed.

Trees - All trees shall have straight trunks with single leader intact. There shall be no abrasion of the bark and no fresh cuts of limbs over 1.25 inches that have not completely calloused over.



No.	Revision/Issue	Date
1.	PERMIT	10.24.18



Project Name and Address

PRAIRIE SOLAR 1
SIDNEY, CHAMPAIGN COUNTY,
IL 61877

Drawn By: PL	Sheet
Checked By: JB	L1
Sheet Size 42" x 30"	