Kansas Sky Energy Center

Douglas County, Kansas

PROJECT NUMBER:09100007

Conditional Use Permit Plans

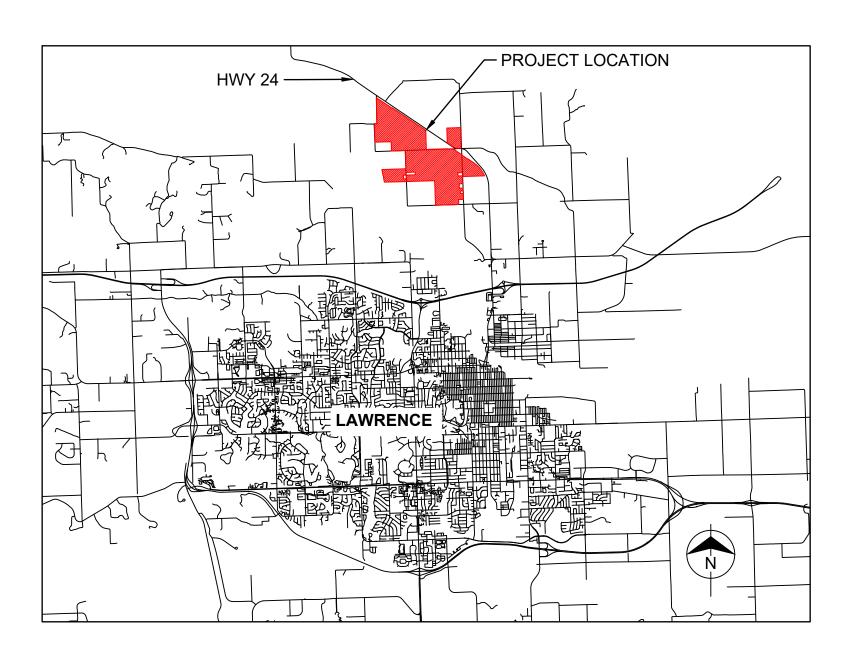
KANSAS SKY ENERGY CENTER

LANDSCAPING PLAN

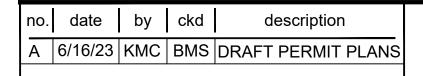
PREPARED FOR FREE STATE SOLAR PROJECT, LLC

DOUGLAS COUNTY, KANSAS PROJECT NUMBER: 09100007

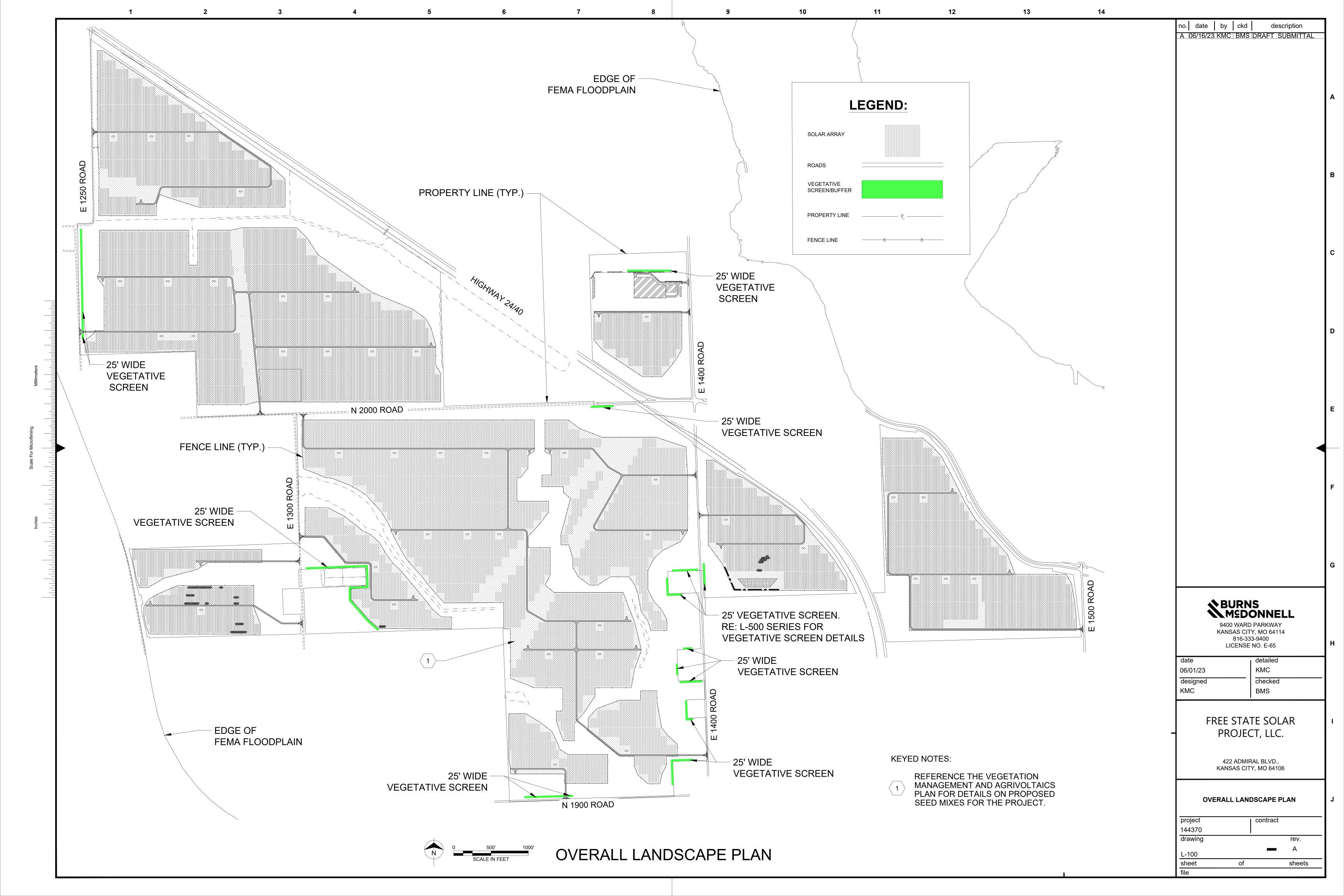
SHEET LI	ST TABLE
SHEET NUMBER	SHEET TITLE
C-001	COVER
L-100	OVERALL
	LANDSCAPE PLAN
L-500	VEGETATION
_ 555	DETAILS
L-501	VEGETATION
	DETAILS
L-502	VEGETATION
	DETAILS
L-503	VEGETATION
	DETAILS
	DLIAILO

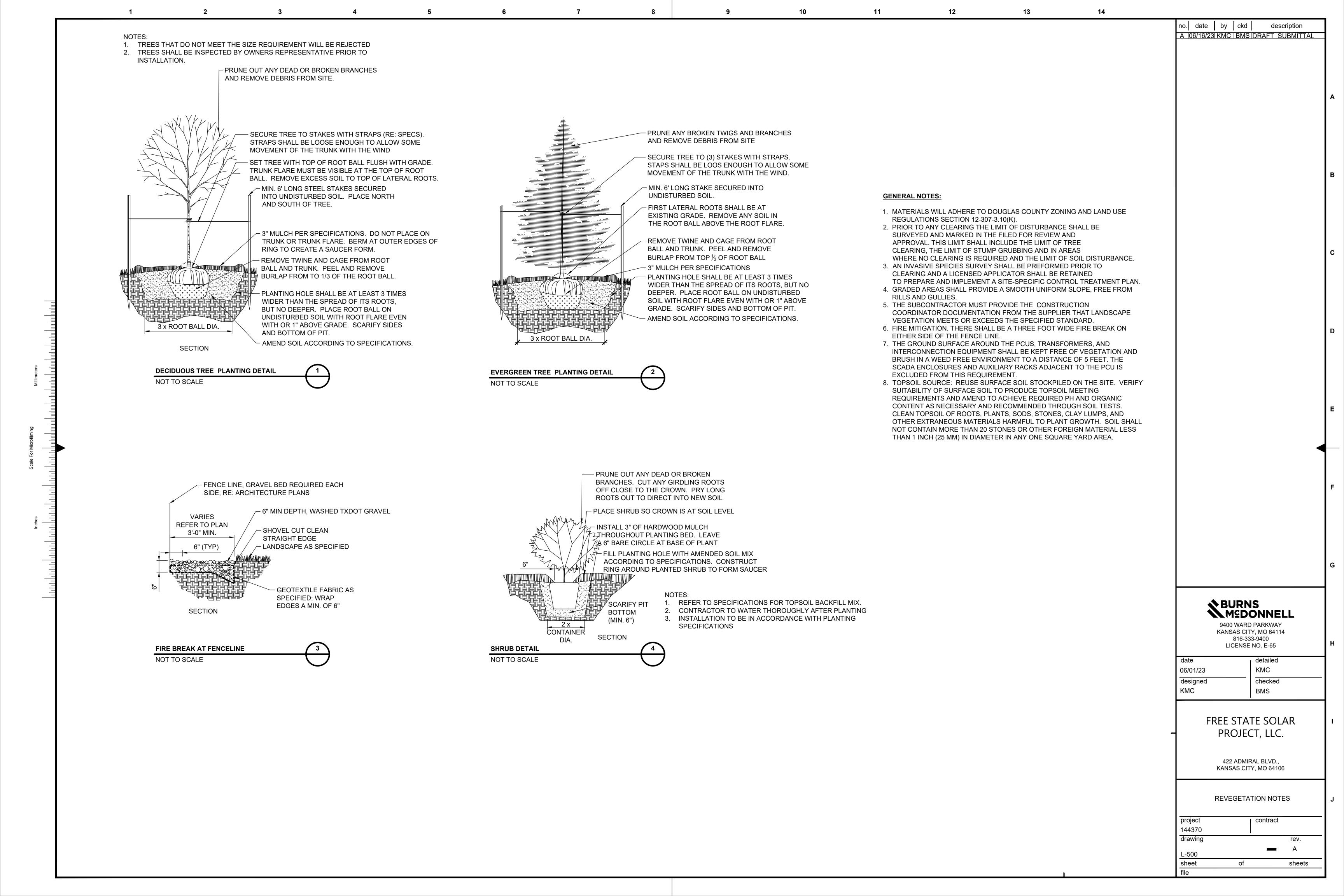


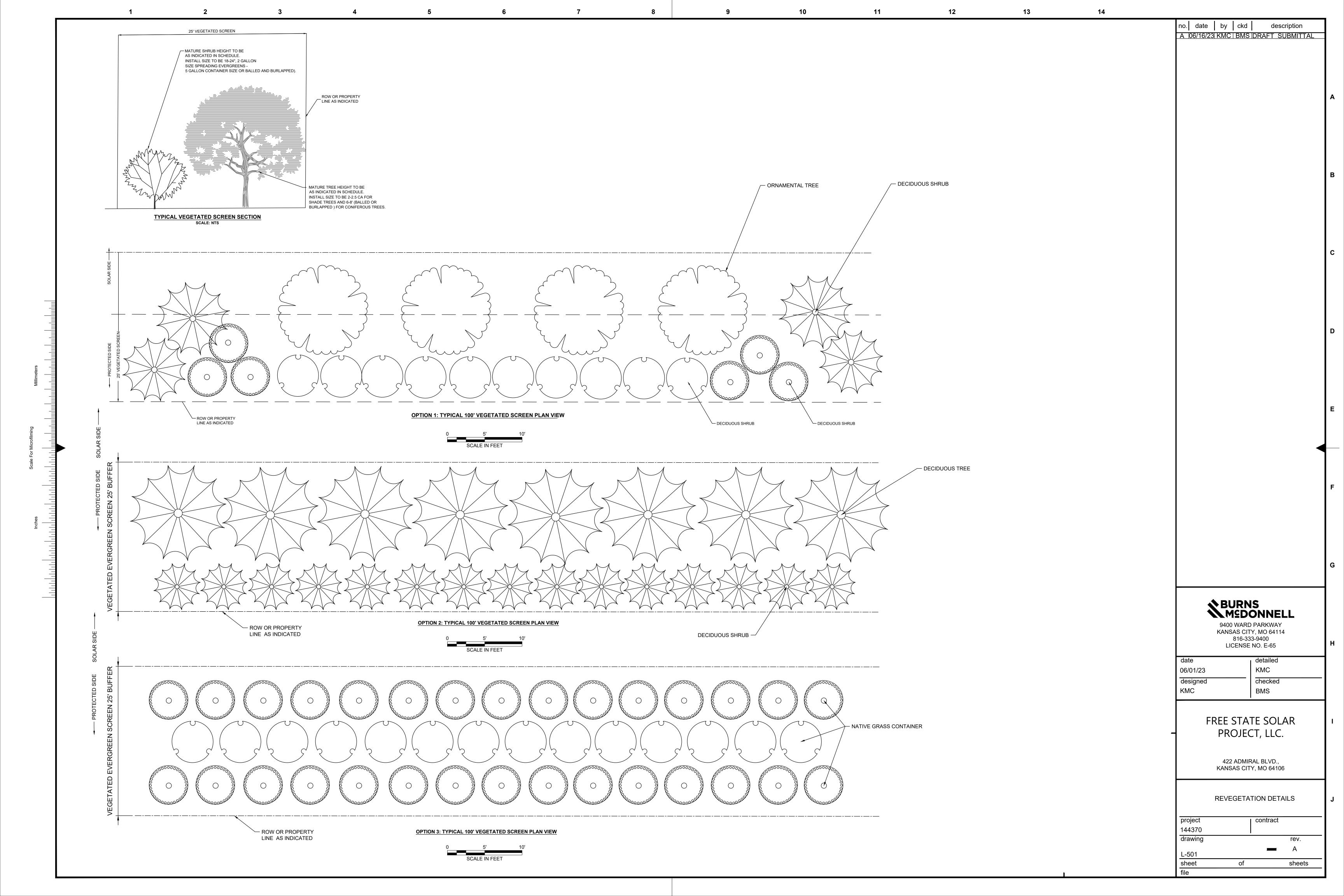












V	ege	tativ	e s	cre	en	11

S	Scientific Name	Cultivar	Common Name	Height (ft) Spread (f	:) Type	Exposure	Moisture Requirements	Maintenance	Ecosystem Services (function)	Native/Introduced?	Wetland Indicator Status	Source Information
on 1 "Traditional"	11											
В	Buxus sempervirens	Arctic Emerald	upright boxwood	10	3 Broadleaf Evergreen	Full Sun	Mesic	Medium	Screening	Introduced	UPL	Missouri Botanical Garden
J	luniperus chinensis	Robusta Green	robust green juniper	15	7 Evergreen	Full Sun	Mesic	Low	Screening	Introduced	UPL	KS State Research and Extension, Conifer Trees of Kansas Page
J	Iuniperus chinensis	Wintergreen	wintergreen juniper	15	6 Evergreen	Full Sun	Mesic	Low	Screening	Introduced	UPL	KS State Research and Extension, Conifer Trees of Kansas Page
J	luniperus vigriniana	Manhattan Blue	manhattan blue juniper	12	8 Evergreen	Full Sun	Mesic/Dry	Low	Screening/ Windbreaks	Native	FACU	Kansas Forest Service
P	Prunus americana		American plum	10 1	.2 Deciduous	Full Sun/ Part Shade	Mesic/Dry	Low	Wildlife	Native	UPL	Kansas Forest Service
S	Sambucus canadensis		American black elderberry	10 1	.2 Deciduous	Full Sun/ Part Shade	Mesic/ Wet	Medium	Pollinators/ Wildlife	Native	FAC	Kansas Forest Service
S	Syringa vulgaris		lilac	12	.0 Deciduous	Full Sun/ Part Shade	Mesic/Dry	Low	Wildlife/ Windbreaks	Introduced	UPL	Kansas Forest Service
T	Taxus x media		yew	12	.2 Evergreen	Full Sun/ Part Shade	Mesic	Low	Screening	Introduced	UPL	Missouri Botanical Garden
n 2 "Hybrid"								_ _				
A	Amelanchier alnifolia		Serviceberry	4	6 Deciduous	Part Shade	Mesic	Low	Wildlife	Native	FACU	Missouri Botanical Garden
A	Aronia melanocarpa		chokeberry	7	5 Deciduous	Full Sun/ Part Shade	Wet/Mesic	Low	Pollinators/ Wildlife	Native	FACW	Missouri Botanical Garden
<u>c</u>	Corylus americana		American hazelnut	6 1	.0 Deciduous	Full Sun/ Part Shade	Mesic/Dry	Low	Pollinators/ Wildlife	Native	FACU	Kansas Wildflowers and Grasses
L	Lindera benzoin		spicebush	12 1	.2 Deciduous	Part Shade/ Shade	Mesic/ Wet	Low	Pollinators/ Wildlife	Native	FACW	Kansas Wildflowers and Grasses
P	Prunus americana		American plum	10 1	.2 Deciduous	Full Sun/ Part Shade	Mesic/Dry	Low	Wildlife	Native	UPL	Kansas Forest Service
P	Prunus virginiana		chokecherry	6 1	.2 Deciduous	Full Sun/ Part Shade	Mesic	Low	Pollinators/ Wildlife	Native	FACU	Kansas Forest Service
S	Sambucus canadensis		American black elderberry	10	.2 Deciduous	Full Sun/ Part Shade	Mesic/ Wet	Medium	Pollinators/ Wildlife	Native	FAC	Kansas Forest Service
n 3 "Prairie"												
A	Andropogon gerardii		big bluestem	6	3 Herbaceous	Full Sun	Dry/ Mesic	Low	Wildlife	Native	FAC	Kansas Wildflowers and Grasses
E	Eragrostis spectabilis		purple lovegrass	2	2 Herbaceous	Full Sun	Mesic/ Dry	Low	Wildlife	Native	UPL	Kansas Wildflowers and Grasses
P	Panicum virgatum		switchgrass	5	2 Herbaceous	Full	Mesic	Low	Wildlife	Native	FAC	Kansas Wildflowers and Grasses
S	Schizachyrium scoparium		little bluestem	3	1 Herbaceous	Full	Mesic	Low	Wildlife	Native	FACU	Kansas Wildflowers and Grasses
S	Sorghastrum nutans		indiangrass	5	2 Herbaceous	Full	Mesic/ Dry	Low	Wildlife	Native	FACU	Kansas Wildflowers and Grasses
A	Asclepias syriaca		common milkweed	5	1 Herbaceous	Full	Mesic/ Dry	Low	Wildlife	Native	UPL	Kansas Wildflowers and Grasses
[C	Dalea purpurea		purple prairie clover	2 1	5 Herbaceous	Full	Mesic/ Dry	Low	Wildlife	Native	UPL	Kansas Wildflowers and Grasses
E	Elymus canadensis		nodding wild rye	4 2	5 Herbaceous	Full	Mesic/ Dry	Low	Wildlife	Native	FACU	Kansas Wildflowers and Grasses

Plant species may vary depending on commercial availability and are subject to change. All changes to species must be approved by Owner prior to implementation.

Key for Wetland Indicator Status Column

Indicator Status	Abrv.	Ecological Description	% Occurrence in Wetlands
Obligate	OBL	Almost always is a hydrophyte, rarely in uplands	99
Facultative Wetland	FACW	Usually is a hydrophyte but occasionally found in uplands.	67-99
Facultative	FAC	Commonly occurs as either a hydrophyte or a non-hydrophyte	34-66
Facultative Upland	FACU	Occasionally is a hydrophyte, but usually occurs in uplands	1-33
Upland	UPL	Rarely is a hydrophyte, almost always in uplands	1

9400 WARD PARKWAY KANSAS CITY, MO 64114 816-333-9400 LICENSE NO. E-65

date	detailed
06/01/23	KMC
designed	checked
designed KMC	checked BMS

FREE STATE SOLAR PROJECT, LLC.

422 ADMIRAL BLVD., KANSAS CITY, MO 64106

SCREENING OPTIONS

project contract 144370 drawing rev. L-502 sheet sheets of

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