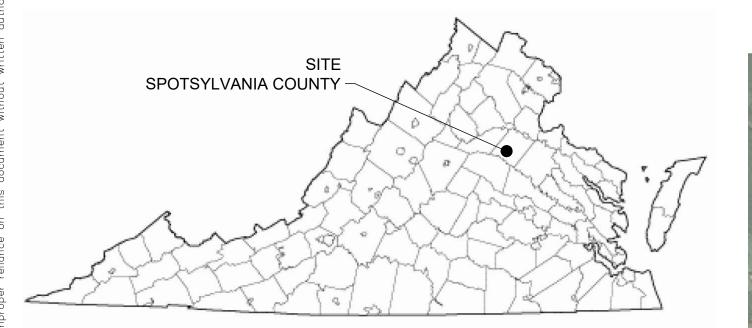
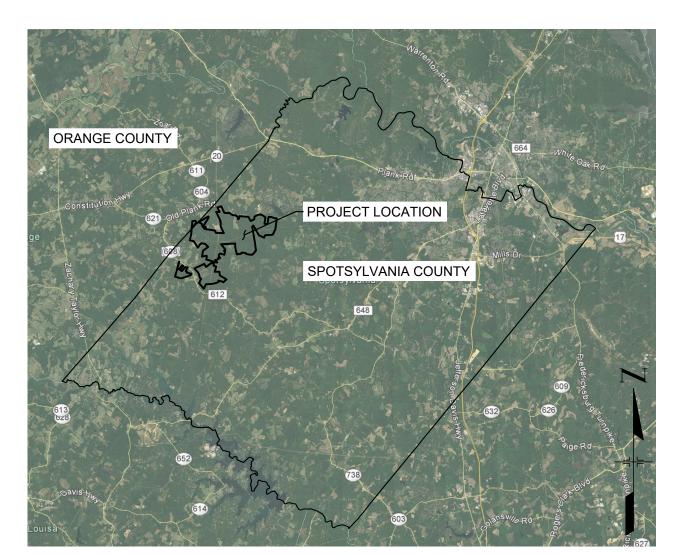
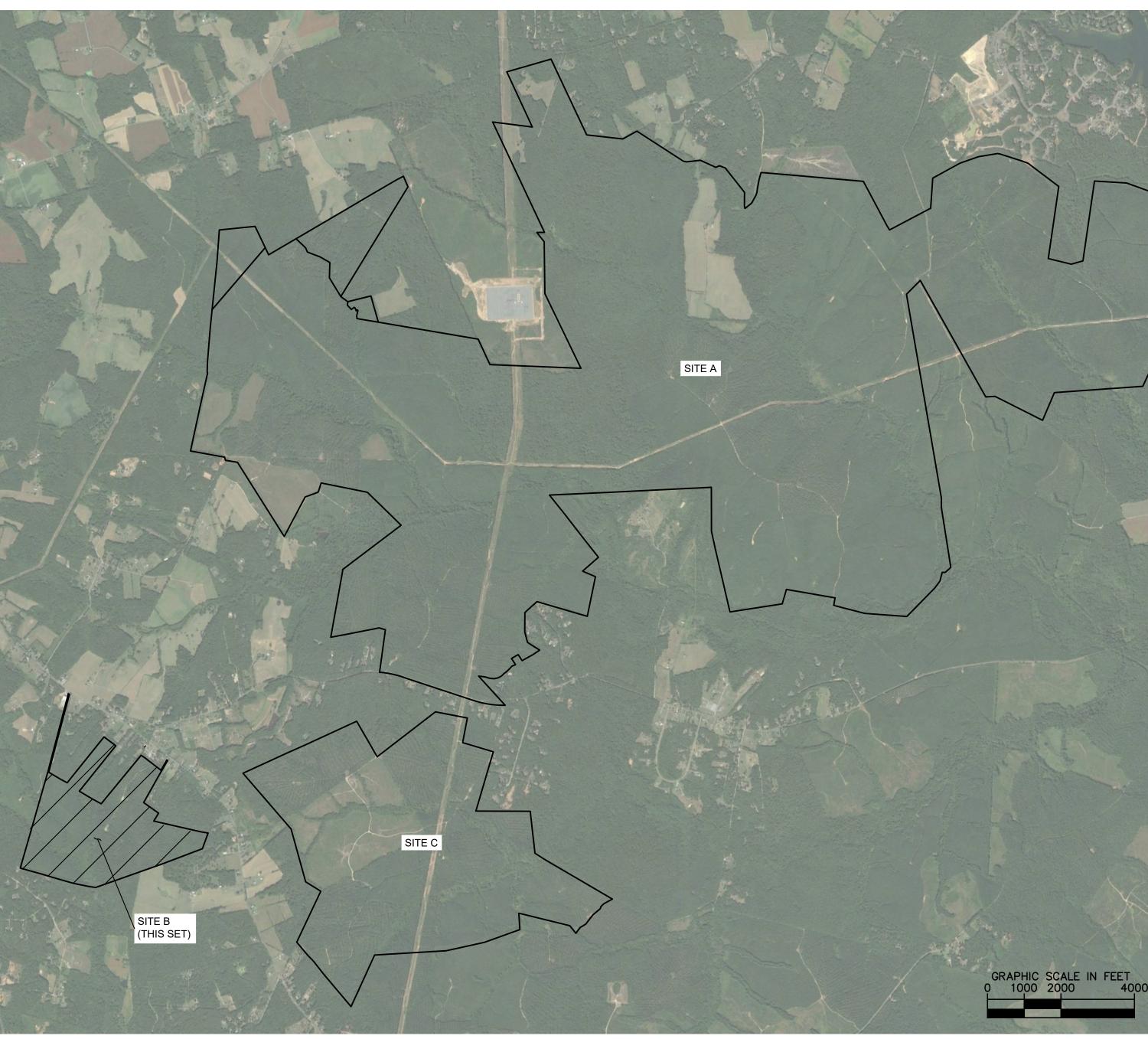
GENERALIZED DEVELOPMENT PLANS SPOTSYLVANIA SOLAR ENERGY CENTER B SPECIAL USE PERMIT - SUP 18-0002 LIVINGSTON MAGISTERIAL DISTRICT SPOTSYLVANIA COUNTY, VA





VICINITY MAP - SPOTSYLVANIA COUNTY, VA 1" = 30,000'

ENERGY CENTER
sPOWER
AGRICULTURE 3 (A-3)
SILVICULTURE
SOLAR ENERGY FACILITY
500 MEGAWATTS AC (MWac)
6,350 ACRES
3,500 ACRES
500 MWac
5,200 ACRES
2,800 ACRES
400 MWac
245 ACRES
200 ACRES
30 MWac
-
905 ACRES
500 ACRES
70 MWac



OWNER/APPLICANT

2180 SOUTH 1300 EAST, SUITE 600 SALT LAKE CITY, UT 84106 PHONE: 801-679-3513 CONTACT: DANIEL MENAHEM EMAIL: DMENAHEM@SPOWER.COM

CIVIL ENGINEER KIMLEY-HORN AND ASSOCIATES, INC.

11400 COMMERCE PARK DRIVE, SUITE 400 RESTON, VA 20191 PHONE: 703-674-1337 CONTACT: SEAN MILLOT, P.E. EMAIL: SEAN.MILLOT@KIMLEY-HORN.COM

VICINITY MAP - PROJECT LIMITS 1" = 2,000'

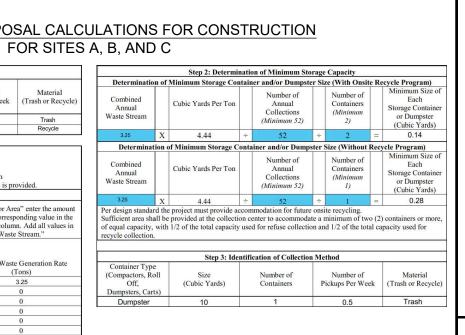
Sheet List Table					
Sheet No.	Sheet Title				
C-01	GENERALIZED DEVELOPMENT PLAN COVER				
EX-2-1	GENERALIZED DEVELOPMENT PLAN				
EX-2-2	PRESERVATION AREA PLAN				
EX-2-3	LANDSCAPE AND BUFFER AREA PLAN				
EX-2-4	ACCESS ROAD SERVICE AREAS				
CD-1	CIVIL DETAILS				
SHEETS 1-17	ALTA SURVEY				

PROJECT	INFORMATIC	ON - SITE B	
OV	NER INFORMAT	ΓΙΟΝ	
OWNER		TAX MAP PAF	RCEL NUMBER
RIVEROAK TIMBERLAND IN	ESTMENTS LLC	28-	A-58
NO KNOWN AIRPORTS WITHI	N 5-MILES RADIUS	OF SITE B.	
CUL	TURAL RESOUP	RCES	
NO KNOWN HISTORIC BUILDI	NGS OR FEATURES	6 WITHIN PROXI	MITY OF SITE.
TR/	AFFIC INFORMA	TION	
VOLUMES SUBJECT TO CHA RESULTS SEE TRAFFIC IMPACT ANAL' DISTRIBUTION AND RECOMM PROPOSED CONSTRUCTION	YSIS AND EXHIBITS	S FOR ADDITION	IAL TRAFFIC
IM	PERVIOUS ARE	AS*	
	TOTAL	AREA (SF)	AREA (AC)
SOLAR PANEL POST** (0.11 SF EACH)	16326	1796	0.04
INVERTER PAD (40' X 10')	4	1600	0.04
GRAVEL DRIVES (12' WIDTH)	5074 LF	60888	1.40
TOTAL IMPE	RVIOUS ACRES		1.48
TOTAL IMPER	VIOUS % OF SITE		0.60%
*IMPERVIOUS AREAS SHOWN ONLY, NOT TO BE USED FOR **PER DEQ REGULATIONS, OF ARE TO BE USED TO CALCUL 15' SUBJECT TO FINAL ENGIN	DESIGN PURPOSE NLY POLE MOUNTII ATE IMPERVIOUS A	S. NGS FOR THE S	OLAR PANELS
WAT	ER QUALITY (VR	RM)***	
TP LOAD REDUCTI	ON REQUIRED (LB/	/YR)	-29.56
ACRES PLACED IN	CONSERVATION A	REA	155.52
***WATER QUALITY VALUES S USE ONLY, NOT TO BE USED			RELIMINARY
NOTES:			

• ACCORDING TO THE SPOTSYLVANIA "TRAILWAYS MASTER PLAN", NO TRAILS ARE PLANNED WITHIN SITE B.

SOLID WASTE DISPOSAL CALCULATIONS FOR CONSTRUCTION

	Step 5. Iu	enume	ation of Collection	Met	hod	1
Container Type (Compactors, Roll Off, Dumpsters, Carts)	Size (Cubic Yards)		Number of Containers	Pic	Number of kups Per Week	Material (Trash or Recycle)
Dumpsters	40 YD		2		1	Trash
Dumpsters	40 YD		8		2	Recycle
generate	The purpose of this r ed from a proposed proje	eport ct and	to ensure adequate	nual colle	waste stream ction service is pr	ovided.
	Step 1: Determ	inatio	on of Annual Waste	e Ger	neration	
0 1. 4 . 11 6	a a 2.53		1 20 1 1 1 1		1 1 1 (17) 4	
of square feet being "Annual Waste Gen	or the proposed project b occupied by each use. M eration Rate" column, ar al Tonnage" column and	fultipl d the	y each square footag 1 list the value in "A	ge fig nnua	ure by the corresp I Tonnage" colum	onding value in the m. Add all values in
of square feet being "Annual Waste Gen	occupied by each use. M eration Rate" column, an	fultipl d the	y each square footag 1 list the value in "A	ge fig nnua	ure by the corresp l Tonnage" colum red Annual Waste Annual Waste	onding value in the m. Add all values in
of square feet being "Annual Waste Gen the "Annu	occupied by each use. M eration Rate" column, an al Tonnage" column and Floor Area	fultipl d the	y each square footag 1 list the value in "A the total next to "Co Annual Waste Generation Rate	ge fig nnua	ure by the corresp I Tonnage" columned Annual Waste Annual Waste	oonding value in the in. Add all values in Stream."
of square feet being "Annual Waste Gen the "Annu Building Use	occupied by each use. M eration Rate" column, an al Tonnage" column and Floor Area (square feet)	Iultipl d ther enter	y each square footag 1 list the value in "A the total next to "Co Annual Waste Generation Rate (tons/sq ft)	ge fig nnua ombin	ure by the corresp I Tonnage" columned Annual Waste Annual Waste	onding value in the m. Add all values in s Stream." e Generation Rate Tons)
of square feet being "Annual Waste Gen the "Annu Building Use Office	occupied by each use. M eration Rate" column, an al Tonnage" column and Floor Area (square feet)	A A A A A A A A A A A A A A A A A A A	y each square footag 1 list the value in "A the total next to "Co Annual Waste Generation Rate (tons/sq ft) 0.0013	ge fig nnua ombin	ure by the corresp I Tonnage" columned Annual Waste Annual Waste	onding value in the n. Add all values in s Stream." c Generation Rate Fons) 3.25
of square feet being "Annual Waste Gen the "Annu Building Use Office Industrial Public Facility	occupied by each use. M eration Rate" column, an al Tonnage" column and Floor Area (square feet)	Iultipl id ther enter X X X X X X	y each square footag l list the value in "A the total next to "Co Annual Waste Generation Rate (tons/sq ft) 0.0013 0.0016	ge fig nnua ombin	ure by the corresp I Tonnage" columned Annual Waste Annual Waste	onding value in the n. Add all values in stream." e Generation Rate Γons) 3.25 0
of square feet being "Annual Waste Gen the "Annu Building Use Office Industrial Public Facility	occupied by each use. M eration Rate" column, an al Tonnage" column and Floor Area (square feet)	A A A A A A A A A A A A A A A A A A A	y each square footag I fist the value in "A the total next to "Co- Annual Waste Generation Rate (tons/sq ft) 0.0013 0.0016 0.0057	ge fig nnua ombin	ure by the corresp I Tonnage" columned Annual Waste Annual Waste	onding value in the m. Add all values in s Stream." c Generation Rate Fons) 3.25 0 0 0
of square feet being "Annual Waste Gen the "Annu Building Use Office Industrial Food/Retail	occupied by each use. M eration Rate" column, an al Tonnage" column and Floor Area (square feet)	Iultipl id ther enter X X X X X X	y each square footag I fist the value in "A the total next to "Co Annual Waste Generation Rate (tons'sq ft) 0.0013 0.0016 0.0057 0.00105	ge fig nnua ombin = = = =	ure by the corresp I Tonnage" columned Annual Waste Annual Waste	onding value in the m. Add all values in Stream." c Generation Rate Tons) 3.25 0 0 0 0



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	SUP 18-0002		GENERALIZED		DEVELOPMEN PLAN		COVER	

C-01

