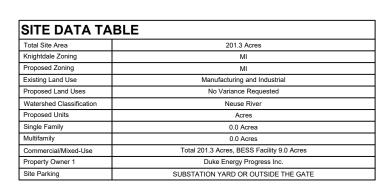
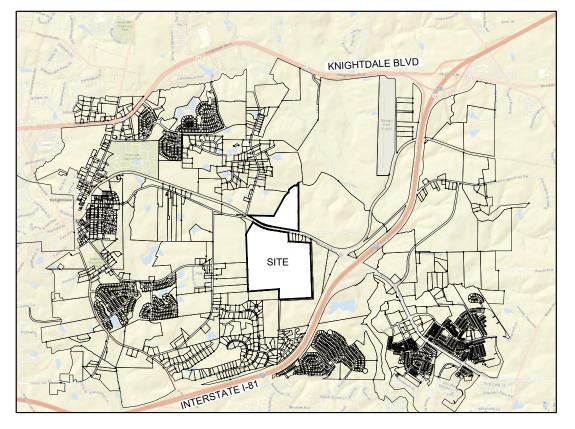
## r.reynolds\Desktop\Associate Projects\Chris Mettler\0683084 - Knightdale\COVER SHEET\_ES.dwg, 5/23/2023 3:13:18 PM, \_DWG 1

## KNIGHTDALE BATTERY ENERGY STORAGE FACILITY

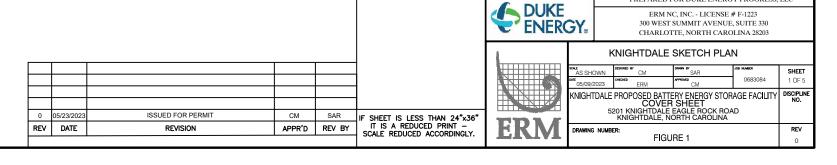
## PLANNED AREA DEVELOPMENT KNIGHTDALE SKETCH PLAN 5201 KNIGHTDALE EAGLE ROCK ROAD KNIGHTDALE, NORTH CAROLINA

DRAWING NO.	DESCRIPTION					
FIGURE 1	COVER SHEET					
FIGURE 2	ENVIRONMENTAL SURVEY					
FIGURE 3	CONCEPT PLAN					
FIGURE 4	TYPICAL BESS FACILITY COMPONENTS					
FIGURE 5	BUFFER PLAN					









PREPARED FOR DUKE ENERGY PROGRESS, LLC

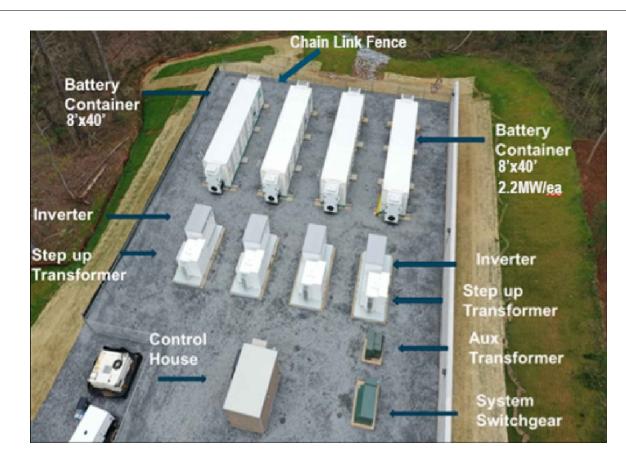
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TYPICAL SUNGROW ENERGY STORAGE CONTAINERS



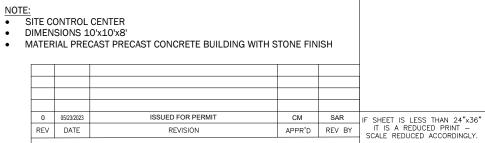
TYPICAL WARTSILA ENERGY STORAGE CONTAINERS



TYPICAL BESS FACILITY LAYOUT



TYPICAL MASONRY WALL OPTIONS



DUKE ENERGY. ERM NC, INC. - LICENSE # F-1223 300 WEST SUMMIT AVENUE, SUITE 330 CHARLOTTE, NORTH CAROLINA 28203 KNIGHTDALE SKETCH PLAN

FIGURE 4

PREPARED FOR DUKE ENERGY PROGRESS, LLC

DISCIPLINE NO.



BUFFER DENSITY FROM 50' (VIEW TOWARD NEIGHBORING PARCEL)



VEGETATIVE BUFFER (VIEW FROM NEIGHBORING PARCEL)

NOTE:
UNDERSTORY VEGETATION WILL BE ADDED TO MEET TYPE D BUFFER PERFORMANCE STANDARD

							DUKE	GY.	ERM NC, INC LICENSE # F-1223 300 WEST SUMMIT AVENUE, SUITE 330 CHARLOTTE, NORTH CAROLINA 28203 KNIGHTDALE SKETCH PLAN				
							1						
								SCALE N.T.S.	DESIGNED BY SAR	DRAWN BY SAR	JOB NUMBER	SHEET	
L						1		05/09/20	23 CM	APPROVED CM	0683084	5 OF 5	
-						1		KNIGH	KNIGHTDALE BATTERY ENERGY STORAGE FACILITY BUFFER PLAN				
L								5201 KNIGHTDALE EAGLE ROCK ROAD				"	
L	0	05/23/2023	ISSUED FOR PERMIT	CM	SAR	IF SHEET IS LESS THAN 24"x36"	7777		KNIGHTDALE EAGLE ROCK ROAD  KNIGHTDALE, NC 27545				
	REV	DATE	REVISION	APPR'D	REV BY	IT IS A REDUCED PRINT — SCALE REDUCED ACCORDINGLY.	FRM	DRAWING NUMBER:				REV	
					•	SCALE NEDGCED ACCORDINGET.	TITAL	FIGURE 5				0	

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