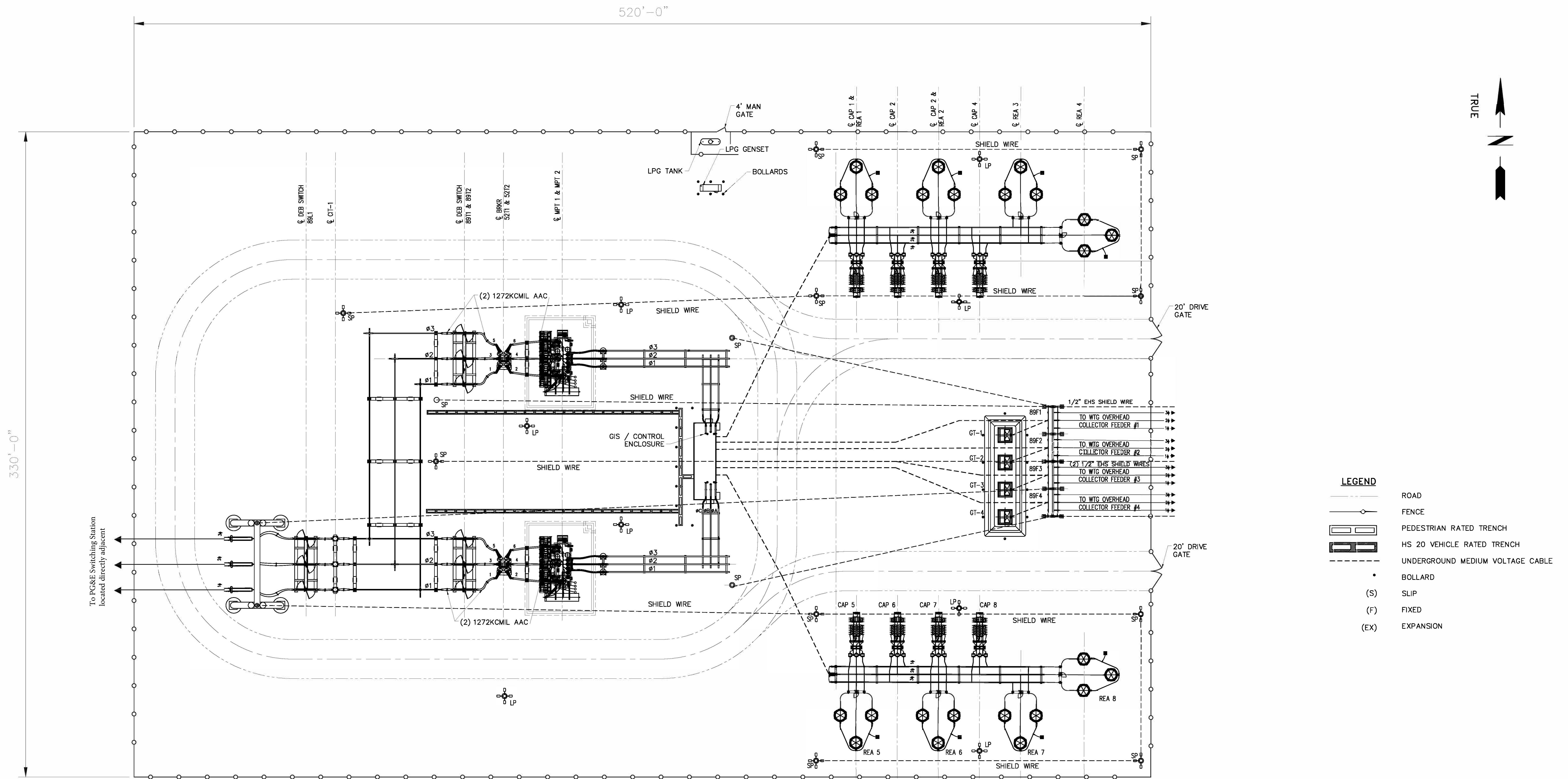


<b>DOCKETED</b>	
<b>Docket Number:</b>	23-OPT-01
<b>Project Title:</b>	Fountain Wind Project
<b>TN #:</b>	252160
<b>Document Title:</b>	fwp_Fig6_Substation Design Details
<b>Description:</b>	N/A
<b>Filer:</b>	Caitlin Barns
<b>Organization:</b>	Stantec Consulting Services, Inc.
<b>Submitter Role:</b>	Applicant Consultant
<b>Submission Date:</b>	9/7/2023 12:20:45 PM
<b>Docketed Date:</b>	9/7/2023

KV	BIL	MINIMUM METAL-TO-METAL DISTANCE FOR RIGID BUS PHASE-TO-PHASE	MINIMUM CENTERLINE TO PHASE SPACING FOR RIGID BUS	MINIMUM CREEPAGE DISTANCE	MINIMUM PHASE TO GROUND SPACING	MINIMUM CLEARANCE BETWEEN LIVE PARTS TO FENCE	MINIMUM CLEARANCE PHASE TO SUBSTATION GRADE	MINIMUM CLEARANCE PHASE TO SUBSTATION ROADWAY
230	1050	7'-2"	13'-0"	195"	6'-7"	16'-5"	16'-0"	28'-0"
34.5	250	1'-9"	4'-0"	37"	1'-7"	10'-11"	10'-0"	22'-0"

NOTE:  
1050KV BIL COMES FROM REQUIRED 900KV BIL X ALTITUDE FACTOR  
250KV BIL COMES FROM REQUIRED 200KV BIL X ALTITUDE FACTOR



CONCEPTUAL- NOT FOR CONSTRUCTION

NO.	REVISIONS	DATE	BY	CHK	APR	NO.	REVISIONS	DATE	BY	CHK	APR



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ENGINEERING RECORD	DATE
DRAWN:	
DESIGNED:	
CHECKED:	
APPROVED:	
CADFILE:	

FOUNTAIN WIND PROJECT	
230-34.5KV COLLECTOR SUBSTATION	
GENERAL ARRANGEMENT	
SCALE: 1"=25'-0"	DWG.NO.
SHEET OF	REV