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| | SITE BOUNDARY |
| | ABOVE GROUND CABLES |
| | UNDERGROUND CONDUIT ROUTING FOR MV CABLES |
| | UNDERGROUND CONDUIT ROUTING FOR LV AND COMMUNICATION CABLES |
| | UNDERGROUND CONDUIT ROUTING FOR LV AC POWER CABLE |
| | UNDERGROUND CONDUIT ROUTING FOR VDC CABLES |
| | UNDERGROUND CONDUIT ROUTING FOR AC AUX CABLES |
| | PROPOSED FENCE |
| | JUNCTION BOX / CONTROL PANEL |

Notes

2. ALL DIMENSIONS ARE IN METERS.
3. THIS CONCEPTUAL DESIGN IS BASED ON 44KV/ PADMOUNT STEP-DOWN TRANSFORMER FROM EATON/COOPER-AT THE MOMENT OF THE DESIGNING, THE VENDOR (E.G. ELBOW CONNECTION 44KV FOR 44KV TRANSFORMER) CHANGE MUST BE NOTICED TO THIS CASE, TO AVOIDING CHANGE OR ADDITION EQUIPMENT SUCH AS ADDITIONAL STRUTS.
4. THE OPTION OF USING LOWER VOLTAGE MV TRANSFORMER (37.6KV) INSTEAD OF 44KV PADMOUNT, WILL BE CONSIDERED, BUT TO INCREASE THE VOLTAGE IS 44KV WOULD NEED TO BE ADDED, WHICH IS NOT ALLOWED.
5. HORN TO REVIEW THIS CONCEPTUAL DESIGN, DUE TO THE HIGH RUSH CURRENT, THE EMERGENCY OF THE MV PADMOUNT TRANSFORMER MIGHT NOT BE THE BEST OPTION, BUT THE FAULT INTERRUPTER (VFI) OF THE PADMOUNT TRANSFORMERS WHICH IS NOT AN OPTION.
6. THE CONCEPTUAL DESIGN OF THE PADMOUNT TRANSFORMER (TRANSFORMER SPECIFICATIONS) CAN BE ADDED PROVIDED THAT THEY ARE NOT IN CONFLICT WITH THE DESIGN OF THE PADMOUNT INTERRUPTER, IF THEY DO NOT HAVE THE AFORE-MENTIONED PROBLEMS, THEN CHANGING THE TRANSFORMER TO TWO MOTORIZED LOAD INTERRUPTERS DOWNSTREAM OF THE CIRCUIT BREAKER INTO TWO TRANSFORMERS, TO PROVIDE THE PADMOUNT INTERRUPTER WILL ENERGIZE TWO OR THREE MV PADMOUNT TRANSFORMERS.
7. AUGMENTATION CANTAINER HAS BEEN SPREAD OUT TO CONNECT TO TWO DIFFERENT TRANSFORMER INSTEAD OF THE SAME TRANSFORMER, WHICH WAS FOUND.
8. THE GATE ON THE NORTH LEFT SIDE OF THE BESS SITE IS A POSSIBILITY, THE ROAD WOULD REQUIRE TO BE MODIFY TO ENTER THE SITE, IF NOT, THE GATE WOULD BE THE BEST OPTION, BEHIND THE BACK OF THE BESS CONTAINER FOR INSTALLATION OF THE TRANSFORMER.

SITE AREA = 3747.4m²

Now Site Layout	JW	EB	2025.11.07
Revision	By	Appd.	YY.MM.DD

File Name: 160402219	JW	EB	JW	25.11.07
	Dwn.	Chkd.	Dign.	YY.MM.DD

Client/Project
NEXUS ENERGY INC

10MW / 80MWh BESS SYSTEM
277 Lily Lake Road
Township of Selwyn, Ontario

Title
CONCEPTUAL SITE PLAN

Project No.	Scale
160402219	1:125

SP1 1 of 1 0

1. THIS IS A COMPILED PLAN AND SHOULD NOT BE CONSIDERED A PLAN OF SURVEY.
2. ONTARIO BASE MAPPING USED FOR AREAS AND DIMENSIONS, LEGAL PLAN REQUIRED FOR PRECISE CALCULATIONS.
3. CONCEPT PLAN IS PRELIMINARY AND HAS NOT BEEN REVIEWED BY THE CITY.
4. ZONING BY LAW AMENDMENT MAY BE REQUIRED.