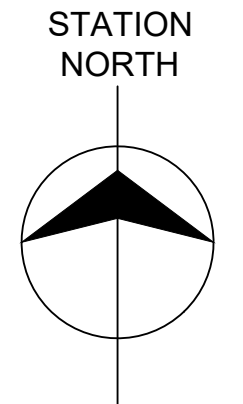
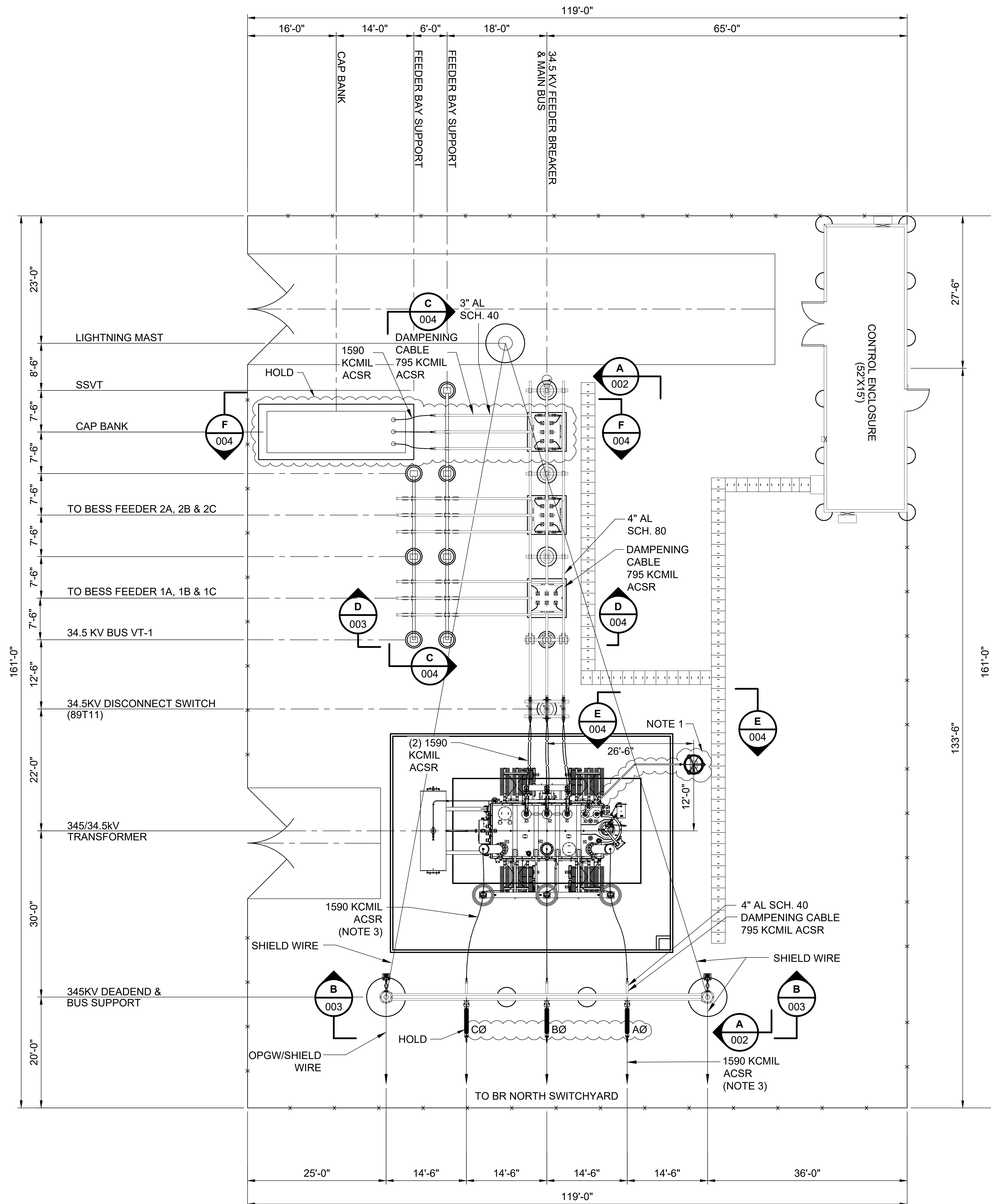


Scale For Microfitting
Inches
Millimeters



ELECTRICAL CLEARANCES		
OPERATING VOLTAGE	345 kV	34.5 kV
BIL	1300	200
MINIMUM PHASE TO PHASE	14'-6"	3'-0"
MINIMUM PHASE TO GROUND	8'-8"	1'-3"

- NOTES:
 1. NGR VALUE TO BE EVALUATED DURING SHORT CIRCUIT STUDY
 2. THE ABOVE CLEARANCES MUST BE MET FOR ALL EQUIPMENT WITHIN THE SUBSTATION.
 3. SIZE TO BE FINALIZED DURING DETAIL ENGINEERING

Name
 Discipline
 License No.

PRELIMINARY - NOT FOR CONSTRUCTION

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 Burns & McDonnell Engineering Co., Inc.
 License No. 43

date	XX/XX/2023	detailed	S. PAWAR
designed	P. DINESH	checked	S. IYENGAR



MERCER COUNTY, KENTUCKY
 E.W. BROWN BATTERY ENERGY STORAGE SYSTEM
 345-34.5 KV SUBSTATION
 GENERAL ARRANGEMENT PLAN

project	145989	contract	XXXX
drawing	BRN-E-GLP-001	rev.	A
sheet	1	of	1
file	BRN-E-GLP-001.dwg	sheets	