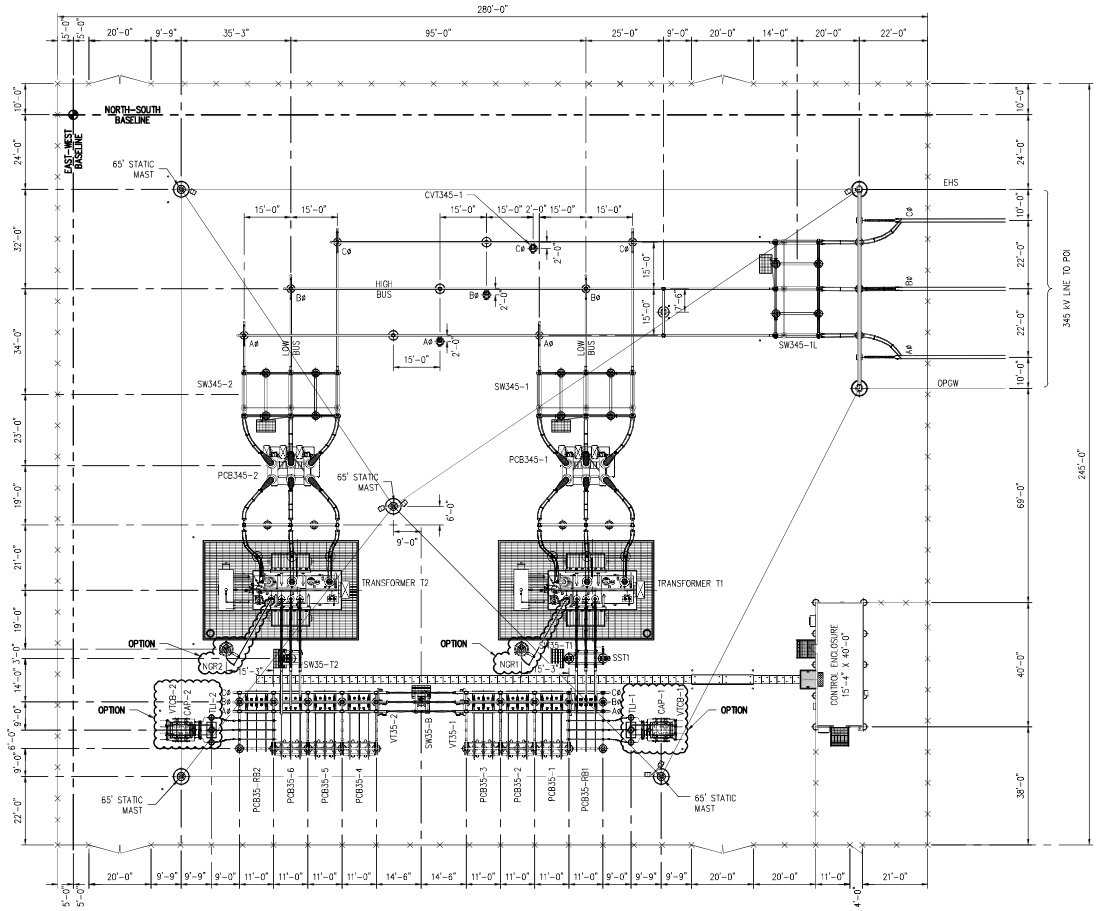

PRELIMINARY

LEGEND

- LIGHT (MAST/DEADEND)
- FENCE
- BASELINE
- BASELINE MARKER
- 4'-0 x 6'-0" SWITCH OPERATOR PLATFORM
- A / P004-3 — INDICATES ELEVATION VIEW "A" / INDICATES DRAWING ON WHICH THE ELEVATION APPEARS

NOTES

STRUCTURE DESIGN CRITERIA

345 kV CLEARANCE (1300 kV BIL):

LIVE PARTS: MIN ϕ-G=104"
MIN ϕ-ϕ=119"

TO GRADE: 18'-0" (BUS)
30'-0" (DRIVEWAY)

34.5 kV CLEARANCE (200 kV BIL):

LIVE PARTS: MIN ϕ-G=13"
MIN ϕ-ϕ=18"

TO GRADE: 10'-0" (BUS)
22'-0" (DRIVEWAY)

0 10FT 20FT 40FT
SCALE: 1"=20'-0"

FILE LOCATION: L:\EDF RENEWABLE\EDF-XXX LIVINGSTON\SUBSTATION\100 CADD\120 CONCEPTUAL\LVG-D-P003-1.DWG LAST SAVED BY: dakonkol 11/12/2021 1:57 PM PLOTTED BY: Dale A. Konkol 11/12/2021 2:32 PM Tab:LVG-D-P003-1

"Engineering with Distinction"
ECI ELECTRICAL CONSULTANTS, INC.
BILLINGS, MONTANA

NO	REVISION	DATE	BY	APR
A	PRELIMINARY	–	DAK	MPS

EDF renewables

ENGINEERING RECORD		DATE
DRAWN	KONKOL	11/21
DESIGNED	SCHMITZ	11/21
CHECKED	SINCLAIR	–
APPROVED	–	–
DWG SCALE: 1" = 20'-0"	PLT SCALE: 1:1	

LIVINGSTON PROJECT
34.5 – 345 kV SUBSTATION
GENERAL ARRANGEMENT

DWG. NAME: LVG-D-P003-1 | REVISION NO : A