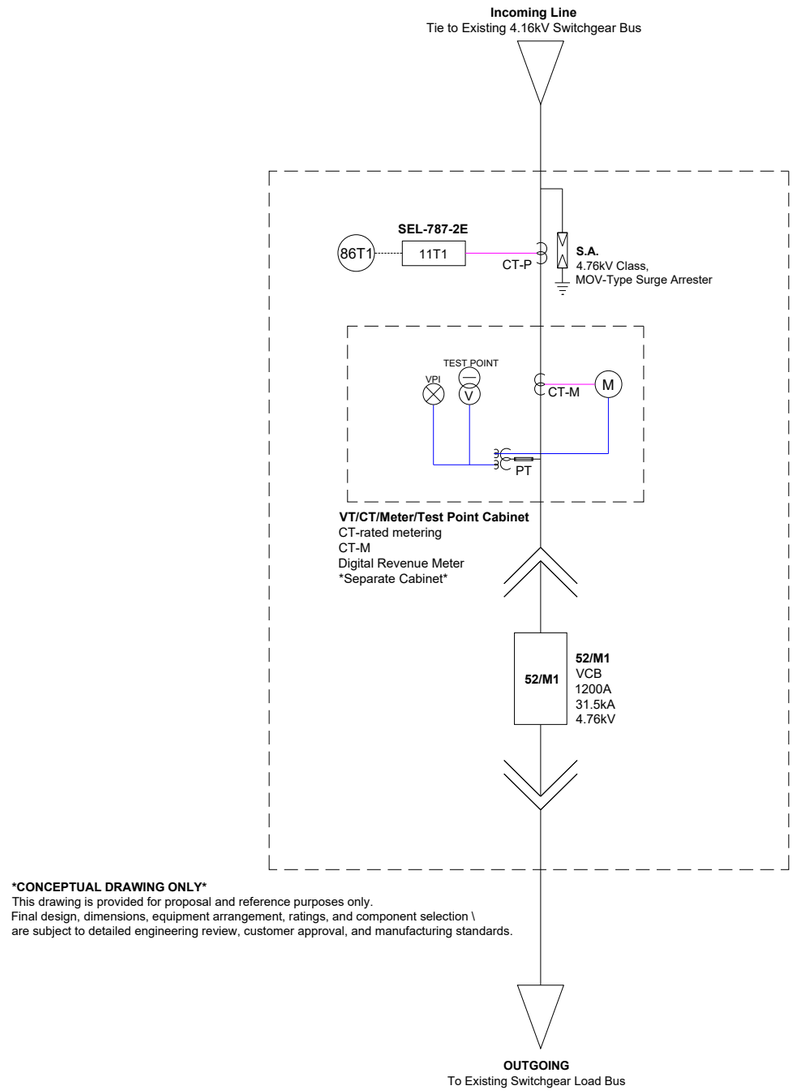
REV	DESCRIPTION	DATE
A		07.24.2026

MPD-MCS-VCB-3P3W-1-4.76KV-1200A-31.5K-DO-FM-BEBE-S.R.M.-LR-N12-DF-M1

LARSON ELECTRONICS®

SKU: MPD-MCS-VCB-3P3W-1-4.76KV-1200A-31.5K-DO-FM-BEBE-S.R.M.-LR-N12-DF-M1

Unit Details: Metal-Clad, Draw-Out, 3-Pole, 4.76kV Class Vacuum Circuit Breaker, 1200A, 31.5kA
— Main Breaker No. 1 Cell with Surge Arrester, Relay & Metering Protection,
plus Separate VT/CT/Meter/Test Point Cabinet, Indoor NEMA 12 Enclosure



MAIN CIRCUIT BREAKER (52/M1):
Medium Voltage Class
1200A Continuous Rating
31.5kA Symmetrical Interrupting Rating
Vacuum Circuit Breaker (VCB)
4.76kV Class
Draw-Out Construction
Local/Remote Operation

PROTECTION & METERING PACKAGE:
CT-Rated Metering
Digital Revenue Meter
Metering Current Transformers (CT-M), Ratio TBD
SEL-787-2E Transformer Differential Relay (Device 11T1),
Dedicated to Transformer T1
Lockout Relay (86T1)

BUS SYSTEM:
1200A Copper Main Bus
4.16kV Nominal / 4.76kV Max Design System Voltage
31.5kA Rated Bus
Copper Ground Bus
1000kcmil MV-105 Cu Field Tie to Existing Switchgear

ENCLOSURE & CONSTRUCTION:
NEMA 12 Indoor Enclosure
Metal-Clad, Draw-Out Construction
Seismic-Certified Anchorage
Two-Cabinet Lineup: Breaker Cell + Separate
VT/CT/Meter/Test Point Cabinet

NOTES:

1. Metering devices, CT ratios, and labeling shown are representative only; final subject to engineering review.
2. Surge arrester MCOV to be confirmed against manufacturer's product data prior to final release for manufacture.
3. Final CT/VT ratios determined during detailed engineering.
4. Equipment designed in accordance with applicable IEEE C37 series, ANSI, NEC, and NEMA standards.
5. Dimensions and layout subject to final engineering and manufacturing approval.

SINGLE LINE DIAGRAM

LV Switchgear by Larson Electronics

LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE: MPD-MCS-VCB-3P3W-1-4.76KV-1200A-31.5K-DO-FM-BEBE-S.R.M.-LR-N12-DF-M1		
	DRAWN BY: JMD	DATE: 07.24.2026	REV: A
	CHECKED BY: R.DOMETITA	SHEET #: 1 OF 1	DRAWING #: 101