Variable Frequency Drive Building

Our client required structural and electrical design for a pre-fabricated electrical building which included two 4500HP 7.2kV variable frequency drives used to power pumps at Suncor's base plant. Auxiliary equipment includes 7.2kV switchgear lineup, 600V MCC, 125 VDC battery bank and chargers, UPS, trailing cable connection boxes, fire alarm panel, security access control panel, and HVAC control panel. Local Engineering provided the detailed engineering required for the building fabrication and electrical integration to be executed in Nisku, AB.

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