

**5KV SWGR ONE-LINE DIAGRAM
CONTROL ROOM**

NTS

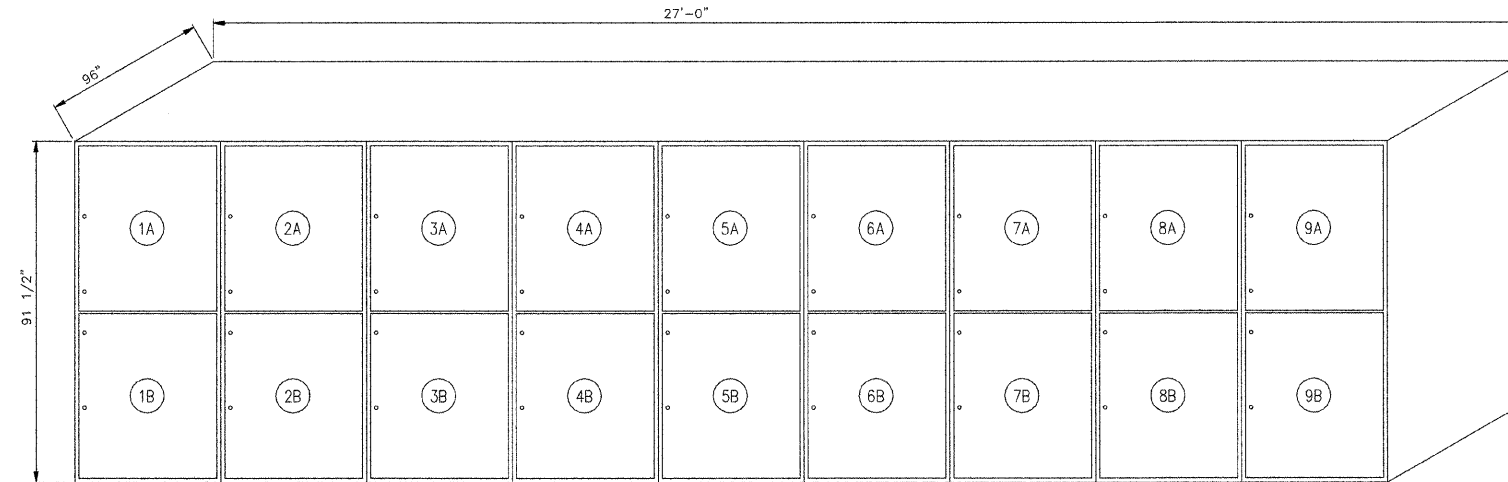
PLAN NOTES:

- .1. MULTI-FUNCTION DIGITAL METERING PACKAGE.

GENERAL NOTES:

- .1. FOR PROJECT CONSTRAINTS SEE SECTION 1A.
- .2. DO NOT SHUT DOWN OR DE-ENERGIZE ANY EQUIPMENT WITHOUT PRIOR APPROVAL FROM OWNER AND ENGINEER. EQUIPMENT SHUT DOWNS SHALL BE MADE BY OWNER OR IN THE PRESENCE OF OWNER. SEE SECTION 1A FOR PROJECT CONSTRAINTS.

DEVICE NAME	FUNCTION
50	INSTANTANEOUS OVERCURRENT
51	AC TIME OVERCURRENT
27	THREE PHASE UNDERVOLTAGE
49	THREE PHASE OVERVOLTAGE
46	CURRENT UNBALANCE
47	VOLTAGE UNBALANCE
81	FREQUENCY



**5KV SWGR ELEVATION
CONTROL ROOM**

NTS



E4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PUMP STATION NO. 27
REHABILITATION

SWITCHGEAR ELEVATION

SCALE: N/A DRAWN BY: MS

DATE: 04-23-10 CHECKED BY: MS