

300 kva 12470v-120/208v 3ph 4w transformer.
Transformer fed underground from the north with
1-4" PVC w/3- 2/0 MV CU cables.

2000a 120/208v 3ph switchgear with 10-175a
breakers to feed each mobile.

Switchgear fed with 6-4" PVC conduits each with
4-750 kcmil al conductors.

Mobile feeders:

A,B,C,D= 2" PVC w/3-3/0 al & 1#6 cu ground.

E,F= 2 1/2" PVC w/3- 250 kcmil al & 1 #6 cu ground

G,H= 2 1/2" PVC w/3-300 kcmil al & 1 #6 cu ground

I,J= 2 1/2" PVC w/3-400 kcmil al & 1 #6 cu ground.

Transformer location

Switchgear location



Summit
School