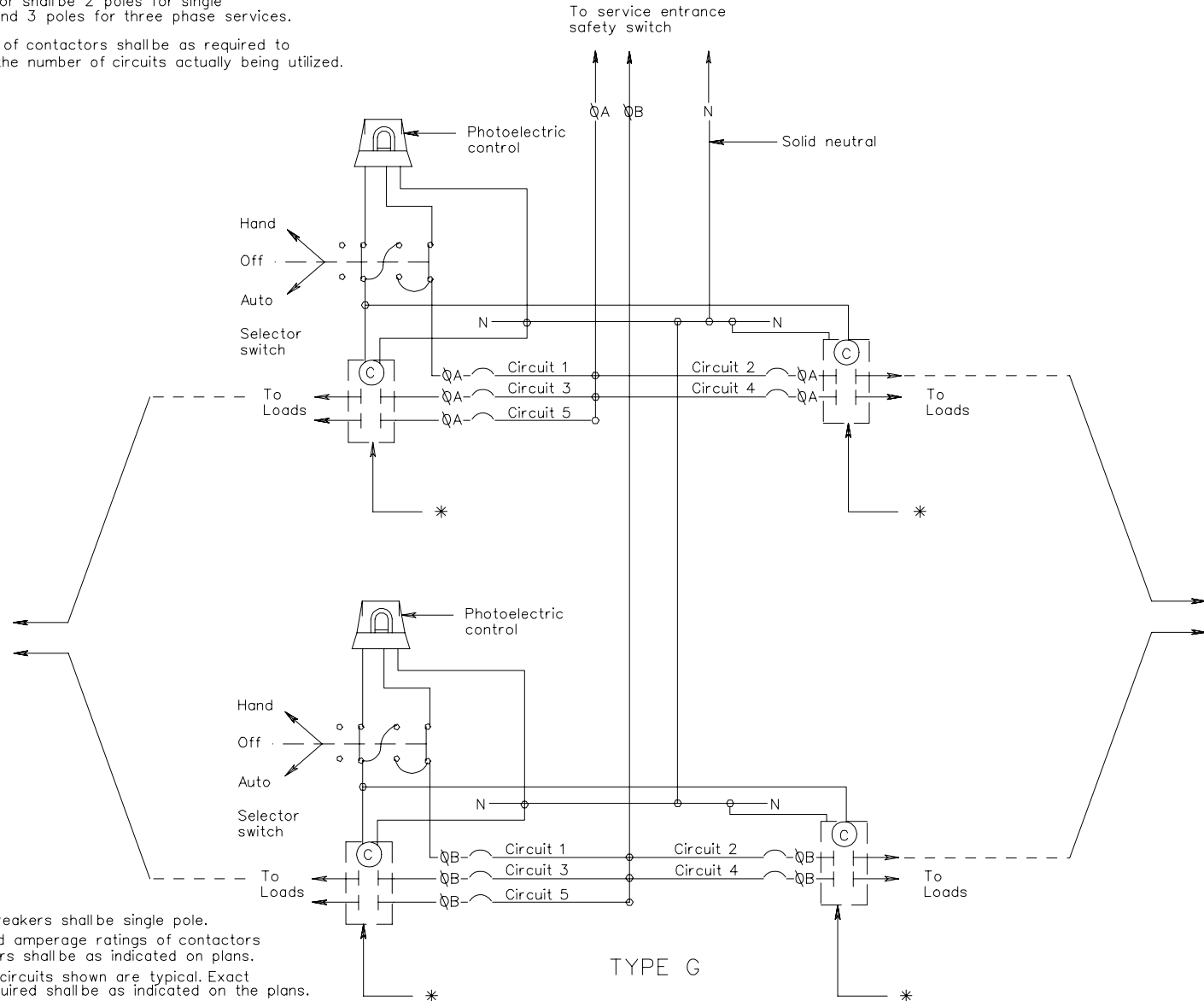✳ Contactor shall be 2 poles for single
phase and 3 poles for three phase services.

Number of contactors shall be as required to
handle the number of circuits actually being utilized.

To service entrance
safety switch

◊A   ◊B   N

Photoelectric
control

Solid neutral

Hand

Off

Auto

Selector
switch

N   N

C   C

To
Loads

◊A — Circuit 1   Circuit 2 — ◊A
◊A — Circuit 3   Circuit 4 — ◊A
◊A — Circuit 5

To
Loads

✳   ✳

Photoelectric
control

Hand

Off

Auto

Selector
switch

N   N

C   C

To
Loads

◊B — Circuit 1   Circuit 2 — ◊B
◊B — Circuit 3   Circuit 4 — ◊B
◊B — Circuit 5

To
Loads

TYPE G

Notes:
All circuit Breakers shall be single pole.
Voltage and amperage ratings of contactors
and breakers shall be as indicated on plans.
Number of circuits shown are typical. Exact
number required shall be as indicated on the plans.

✳   ✳

CONTROL CENTER WIRING
DETAILS

VIRGINIA DEPARTMENT OF TRANSPORTATION

1301.43