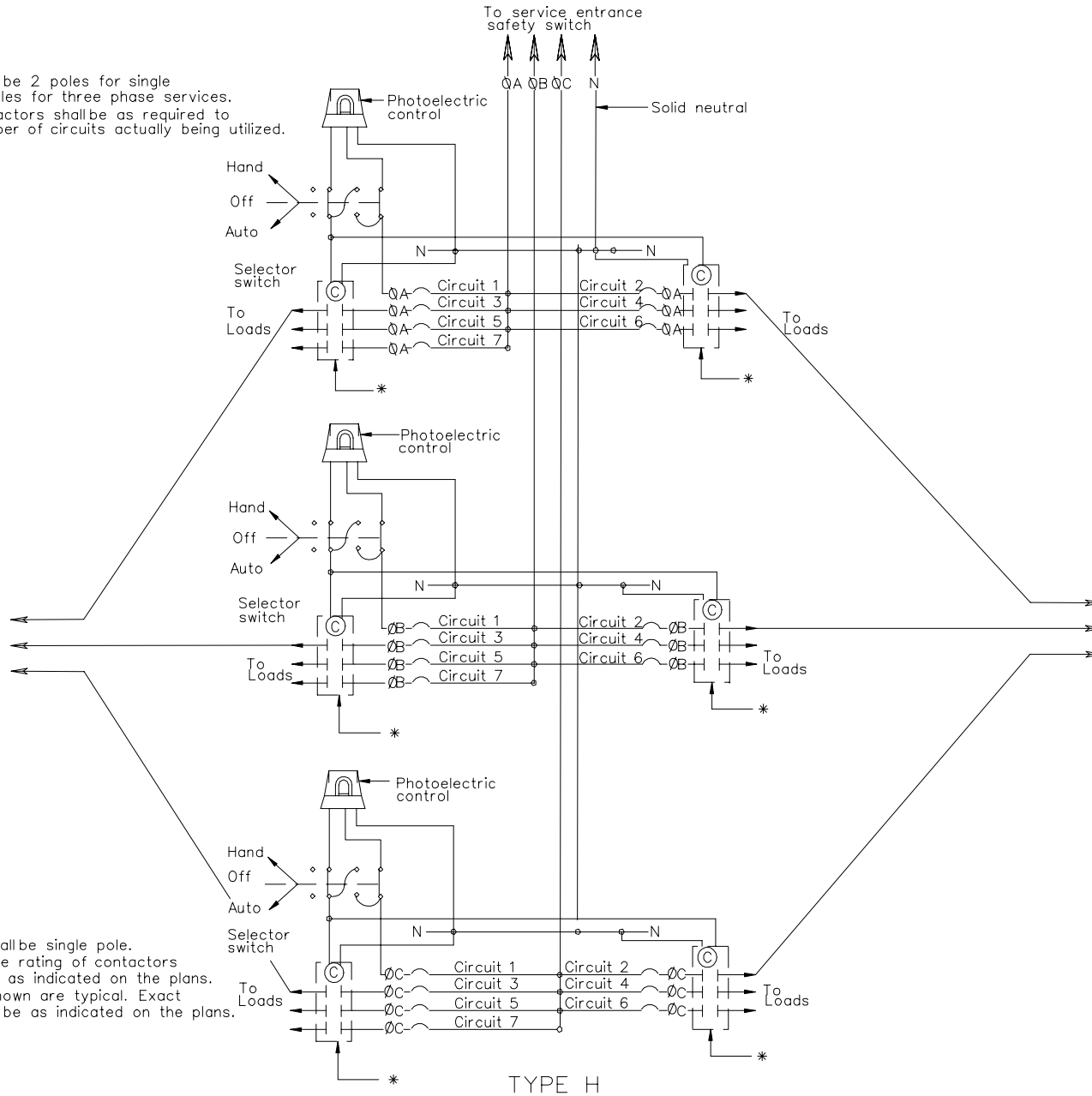CCW-1

* Contactors 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

ØA ØB ØC   N

Photoelectric
control

Solid neutral

Hand
Off
Auto

Selector
switch

N   N

To
Loads

ØA   Circuit 1   Circuit 2   ØA
ØA   Circuit 3   Circuit 4   ØA
ØA   Circuit 5   Circuit 6   ØA
ØA   Circuit 7

*   *

Photoelectric
control

Hand
Off
Auto

Selector
switch

N   N

To
Loads

ØB   Circuit 1   Circuit 2   ØB
ØB   Circuit 3   Circuit 4   ØB
ØB   Circuit 5   Circuit 6   ØB
ØB   Circuit 7

To
Loads

*   *

Photoelectric
control

Hand
Off
Auto

Selector
switch

N   N

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

To
Loads

ØC   Circuit 1   Circuit 2   ØC
ØC   Circuit 3   Circuit 4   ØC
ØC   Circuit 5   Circuit 6   ØC
ØC   Circuit 7

To
Loads

*   *

TYPE H

CONTROL CENTER WIRING
DETAILS

VIRGINIA DEPARTMENT OF TRANSPORTATION

1301.44