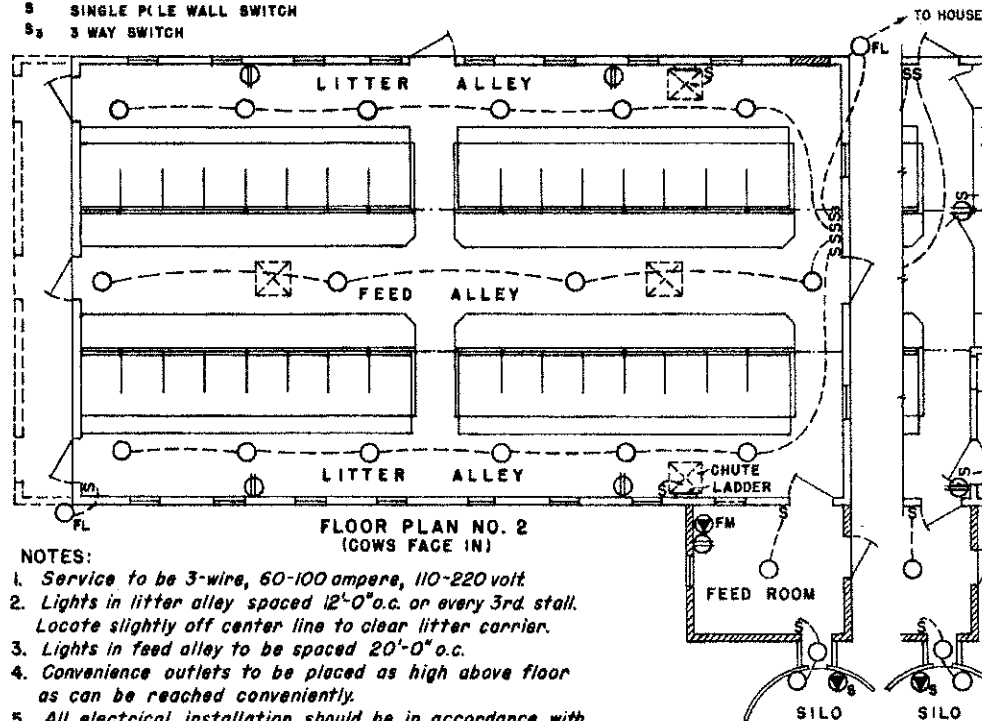
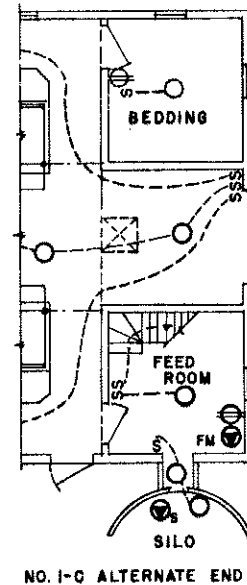
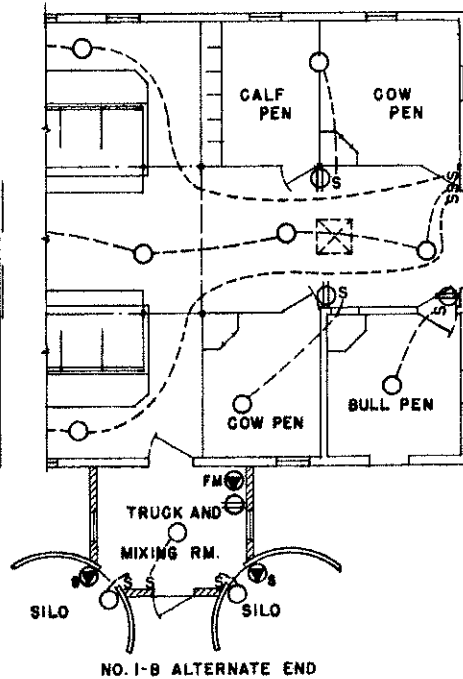
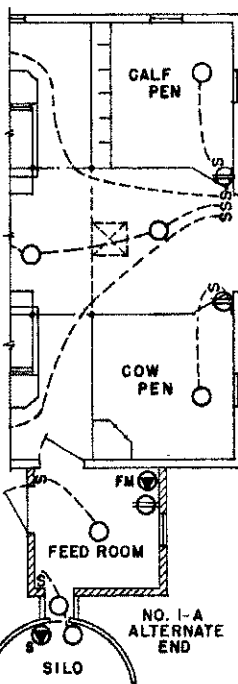
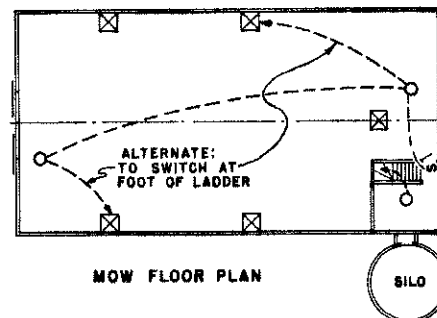
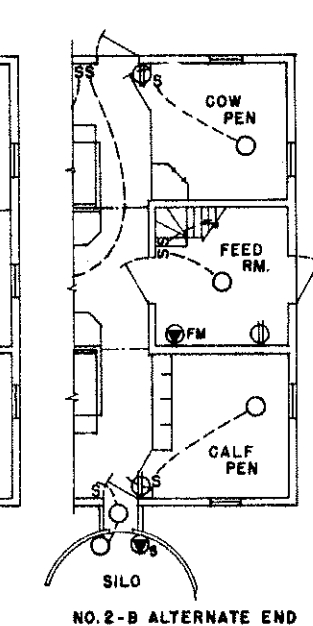
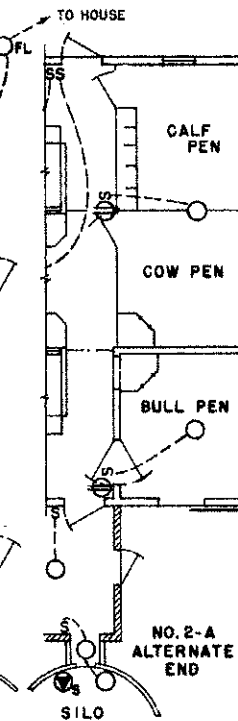


- WIRING SYMBOLS**
- CEILING OUTLET
 - FL FLOOD LIGHT
 - CONVENIENCE OUTLET
 - ⊗ BC BARN CLEANER
 - ⊗ FM FEED MIXER & GRINDER
 - ⊗ S SILO UNLOADER
 - ⊗ S SWITCH & CONVENIENCE OUTLET
 - S SINGLE PILE WALL SWITCH
 - S₃ 3 WAY SWITCH



NOTES:

1. Service to be 3-wire, 60-100 amperes, 110-220 volt
2. Lights in litter alley spaced 12'-0" o.c. or every 3rd stall. Locate slightly off center line to clear litter carrier.
3. Lights in feed alley to be spaced 20'-0" o.c.
4. Convenience outlets to be placed as high above floor as can be reached conveniently.
5. All electrical installation should be in accordance with the National Electrical Code.
6. Consult your local power supplier regarding the requirements for service and metering.



SUGGESTED LAMP SIZES:

- Litter alleys ----- 60W to 100W
- Feed alleys ----- 60W to 100W
- Single pens ----- 100W
- Two pens ----- 150W
- Feed room & silo ----- 100W

COOPERATIVE EXTENSION WORK IN
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STATE OF NORTH DAKOTA
NORTH DAKOTA AGRICULTURAL COLLEGE
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

**TYPICAL WIRING DIAGRAMS
FOR DAIRY BARN**