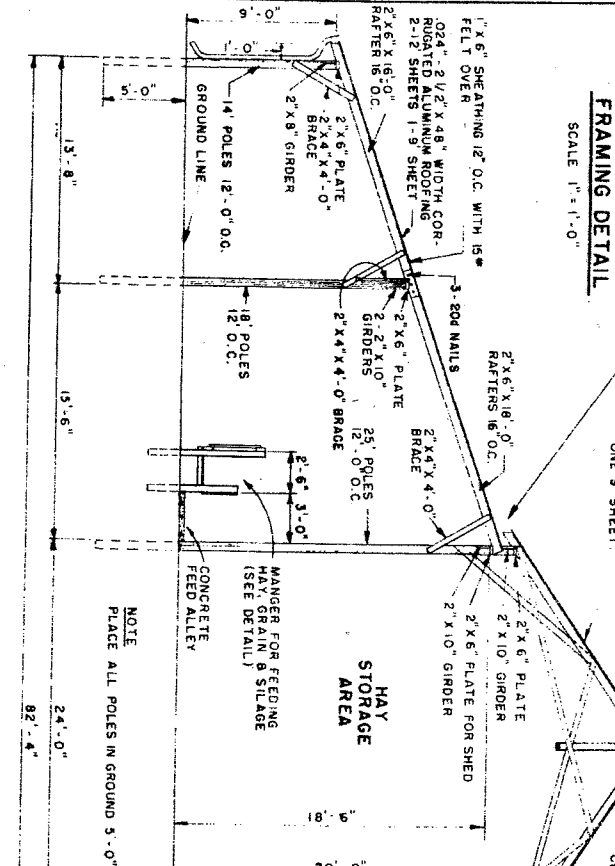
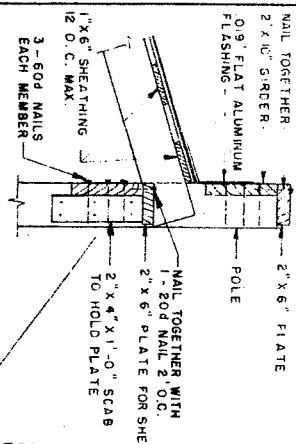


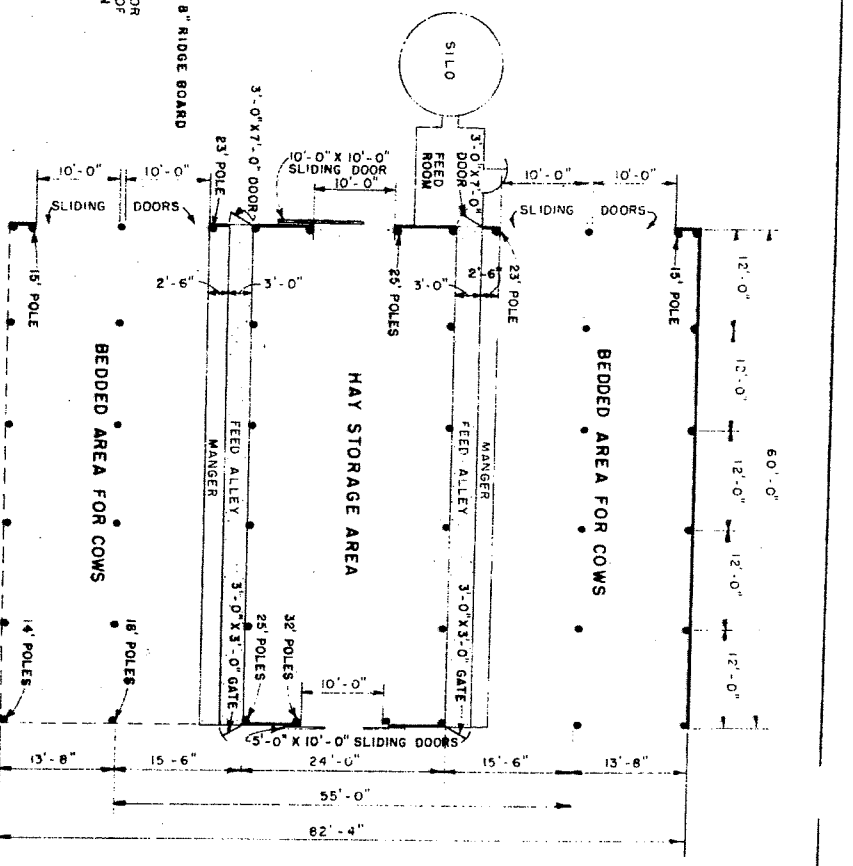
DETAILS OF MANGER
SCALE 1/2" = 1'-0"

LENGTH REQUIRED FOR DAIRY CATTLE
FLOOR AREA IN BEDED AREA IN-
60 SQ. FT. MANGER MUST BE AT LEAST
ALLOW 3 FT. OF MANGER SPACE PER COW.
PROVIDE 3 FT. OF MANGER SPACE PER
HEAD.

FRAMING DETAIL
SCALE 1" = 1'-0"



CROSS SECTION
SCALE 3/8" = 1'-0"



FLOOR PLAN
SCALE 3/32" = 1'-0"

NOTES:
SUGGESTED ORIENTATION
SHOWN BY ARROW
1. LEAVE SLIDING OFF
SOUTH AND EAST SIDES
2. LENGTH MAY BE INCREASED
AS DESIRED

- 5" OGEE ALUMINUM GUTTER
- ALUMINUM DOWNSPOUT
- 6 SHEETS ALUMINUM SIDING .024" THICK
- 2 1/2" CORRUGATED 48" WIDE
- 5-2" X 10" PLANK TREATED WITH WOOD PRESERVATIVE

NOTE:
ALL METAL COVERED BUILDINGS SHOULD
BE GROUNDED
DRILL LEAD HOLES FOR ALL 60D NAILS.
THE HOLES TO BE PRESURE TREATED WITH WOOD PRESERVA-
TIVE & HAVE A MIN. TOP DIA. OF 5/8" UNLESS OTHERWISE NOTED

HAY STORAGE AREA
MANGER FOR FEEDING
HAY GRAIN & SILAGE
(SEE DETAIL)
CONCRETE
FEED ALLEY

NOTE
SHED CONSTRUCTION
SAME AS OTHER SIDE
ALTERNATE:
MANGER FOR FEEDING
HAY ONLY
(SEE DETAIL)

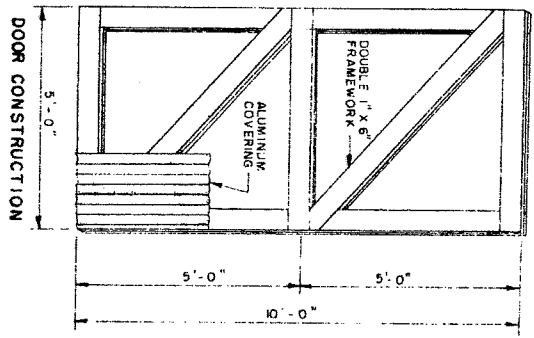
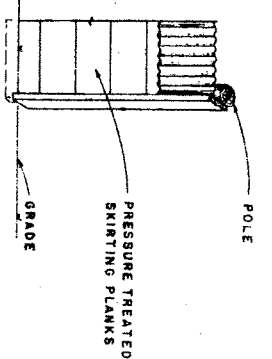
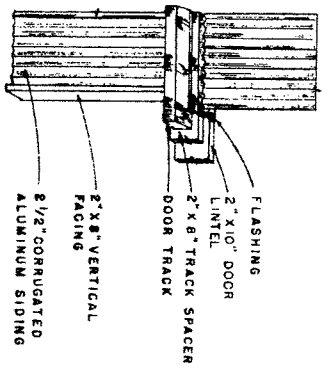
NOTE
PLACE ALL POLES IN GROUND 3'-0"

NOTE
BUILD THIS FOR DAIRY CATTLE
BUILD THIS FOR DAIRY CATTLE

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
STATE OF NORTH DAKOTA
NORTH DAKOTA STATE UNIVERSITY
FARMINGTON, N. D.
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

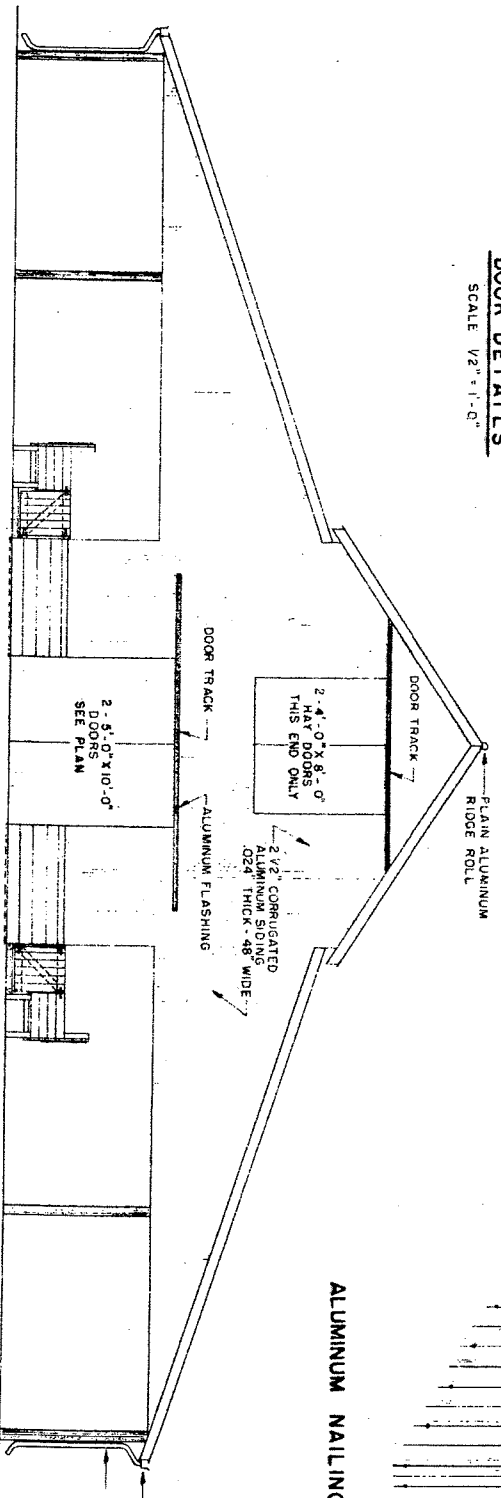
CATTLE FEEDING BARN

VA - 55 EX. 5752A SHEET 1 OF 3

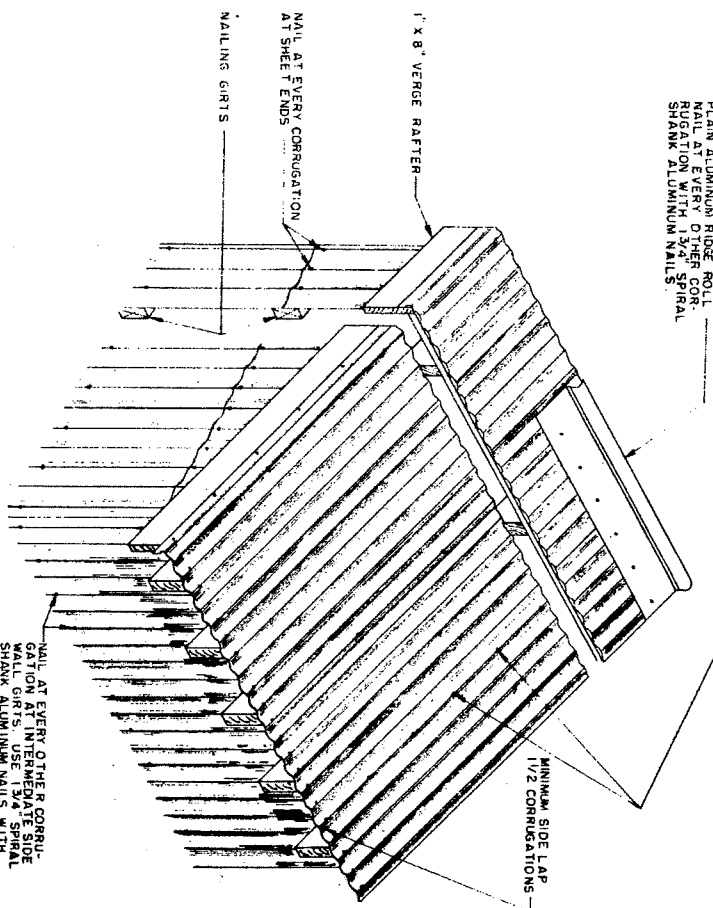


NOTE
 BUILD DOOR FRAME OF DOUBLE LAYER
 OF 1" X 6" LUMBER OVER APPLIED A
 CORNERS. COVER FRAME WITH 2 1/2"

DOOR DETAILS
 SCALE 1/2" = 1'-0"



EAST END ELEVATION
 SCALE 3/16" = 1'-0"



PLAIN ALUMINUM RIDGE ROLL
 BUILD TO EVERY OTHER COR-
 SHANK ALUMINUM NAILS.

NAIL AT EVERY CORRUGATION AT EAVES AND END LAPS AND 12"
 CENTERS AT SIDE LAPS. ON 8' SHEETS, PLACE 7 ROWS OF
 4 EQUALLY SPACED NAILS VERTICALLY ALONG EACH SHEET
 IN FROM THE SIDE LAPS, FOR 9' SHEETS OR LONGER, PLACE 8
 NAILS IN EACH ROW.

ALUMINUM NAILING DETAIL

NAIL AT EVERY OTHER CORRUGATION AT INTERMEDIATE SIDE WALL GIRTS. USE 1 3/4" SPIRAL ALUMINUM NAILS WITH NEOPRENE WASHERS.

COOPERATIVE EXTENSION WORK IN
 AGRICULTURE AND HOME ECONOMICS
 STATE OF NORTH DAKOTA
 NORTH DAKOTA STATE UNIVERSITY
 DEPARTMENT OF AGRICULTURE AND RURAL SCIENCE
 UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

CATTLE FEEDING BARN

VA-55 EX. 57654A SHEET 3 OF 3

TRACING FILE # 4425