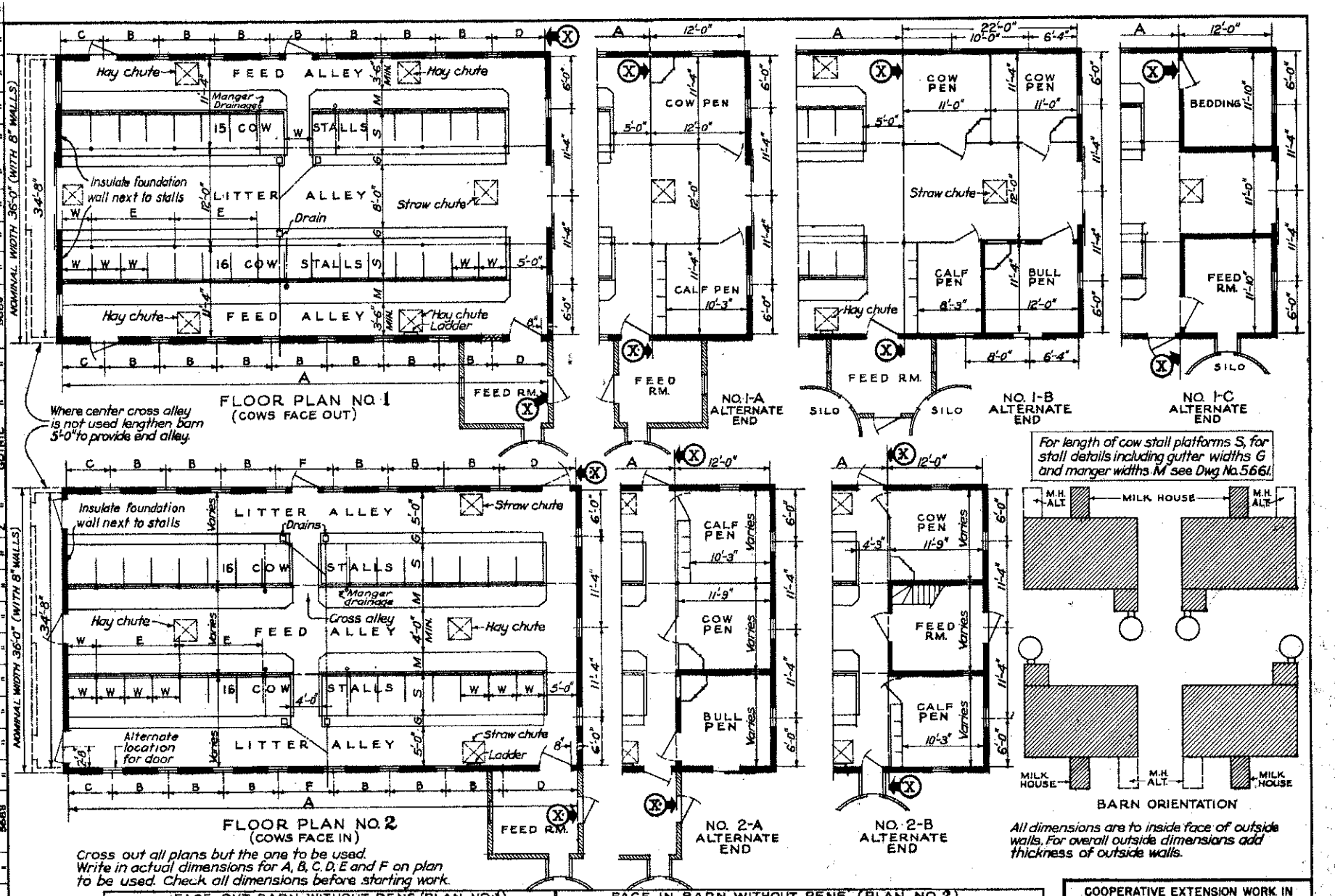

SIZE	STALL WIDTH W	FACE OUT BARN WITHOUT PENS (PLAN NO. 1) — TOTAL LENGTH OF BARN "A" (INSIDE DIMENSIONS) DIMENSION INCLUDES ONE END ALLEY — NUMBER OF COWS IN LONGEST LINE									APPROXIMATE WINDOW AND COLUMN SPACING				FACE IN BARN WITHOUT PENS (PLAN NO. 2) — TOTAL LENGTH OF BARN "A" (INSIDE DIMENSIONS) DIMENSION INCLUDES CROSS ALLEY AND ONE END ALLEY — NUMBER OF COWS IN LINE									APPROXIMATE WINDOW AND COLUMN SPACING				
		8	12	16	20	24	28	32	36	40	B	C	D	E	8	12	16	20	24	28	32	36	40	B	C	D	E	F
LARGE	4'-4"	39'-8"	57'-0"	74'-4"	91'-8"	109'-0"	126'-4"	143'-8"	161'-0"	178'-4"	8'-8"	6'-8"	7'-0"	13'-0"	43'-8"	61'-0"	78'-4"	95'-8"	113'-0"	130'-4"	147'-8"	165'-0"	182'-4"	8'-8"	6'-4"	11'-4"	13'-0"	8'-6"
	4'-0"	37'-0"	53'-0"	69'-0"	85'-0"	101'-0"	117'-0"	133'-0"	149'-0"	165'-0"	8'-0"	6'-0"	7'-0"	12'-0"	41'-0"	57'-0"	73'-0"	89'-0"	105'-0"	121'-0"	137'-0"	153'-0"	169'-0"	8'-0"	6'-0"	11'-0"	12'-0"	8'-0"
MEDIUM	3'-8"	34'-4"	49'-0"	63'-8"	78'-4"	93'-0"	107'-8"	122'-4"	137'-0"	151'-8"	7'-4"	5'-8"	6'-8"	11'-0"	38'-4"	53'-0"	67'-8"	82'-4"	97'-0"	111'-8"	126'-4"	141'-0"	155'-8"	7'-4"	5'-4"	10'-4"	11'-0"	8'-8"
SMALL	3'-6"	33'-0"	47'-0"	61'-0"	75'-0"	89'-0"	103'-0"	117'-0"	131'-0"	145'-0"	7'-0"	5'-4"	6'-8"	10'-6"	37'-0"	51'-0"	65'-0"	79'-0"	93'-0"	107'-0"	121'-0"	135'-0"	149'-0"	7'-0"	5'-0"	10'-0"	10'-6"	8'-8"

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

DAIRY BARN PLANS - 36 FT. WIDTH
STALLS FACE IN AND FACE OUT

USDA '47 | EX. 5629 | SHEET 1 OF 1

REVISED 1949

SHEETS COMPRISING SET OF DRAWINGS

	1	2	3	4	5	6	7	8	9	10
FRAME CONSTRUCTION	5629	5630 5629	5662	5633	5631	5199 5661	5661	5107	5107	5107 5699
1-STORY GABLE ROOF	5629	5632	5662	5633	5631	5634 5199	5199	5661	5661	5697
1½ " "		5631					5667		5667	
GAMBREL ROOF										
1½ " "		5660								
GOTHIC		5660								
2 " "		5658								
2½ " "										
MASONRY CONSTRUCTION										
1-STORY GABLE ROOF	5629	5632	5662	5633	5631	5199	5199	5661	5107	5697
1½ " "		5631				5634	5667	5667		
GAMBREL ROOF										
1½ " "		5660								
GOTHIC		5660								
2 " "		5658								
2½ " "										