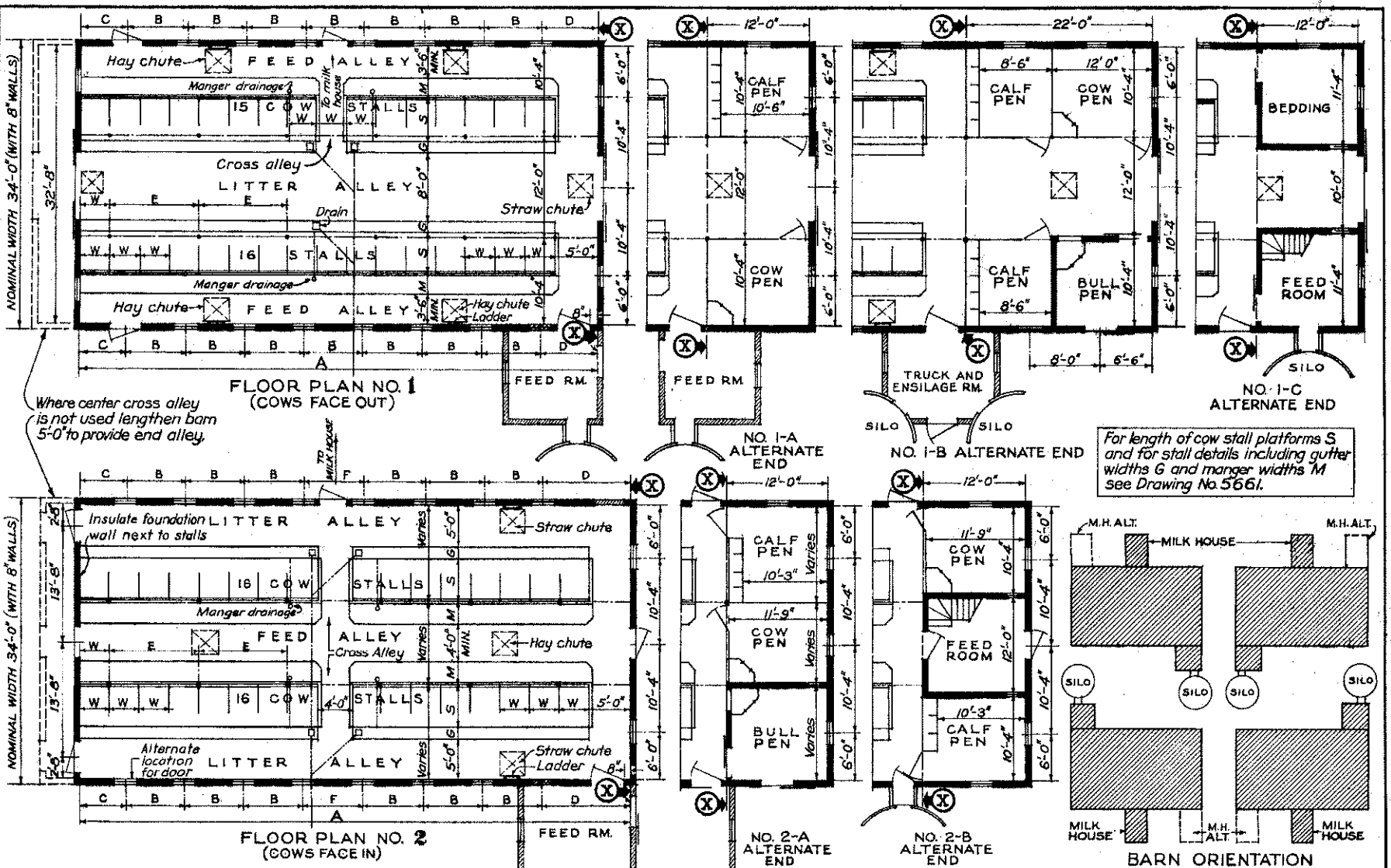


10	1	2	3	4	5	6	7	8	9	10
FRAME CONSTRUCTION	5655	5656	5657	5658	5659	5660	5661	5662	5663	5664
1-STORY GABLE ROOF	5622	5623	5624	5625	5626	5627	5628	5629	5630	5631
1/2" GAMBREL ROOF	5665	5666	5667	5668	5669	5670	5671	5672	5673	5674
2" GOTHIC	5687	5688	5689	5690	5691	5692	5693	5694	5695	5696



Where center cross alley is not used lengthen barn 5'-0" to provide end alley.

For length of cow stall platforms S and for stall details including gutter widths G and manger widths M see Drawing No 5661.

NOTE
All dimensions are to inside face of outside walls.
For overall outside dimensions add thickness of outside walls.

NOTE
Cross out all plans but the one to be used.
Write in actual dimensions for A, B, C, D and F on plan to be used. Check all dimensions before starting work.

SIZE	STALL WIDTH-W	FACE OUT BARN WITHOUT PENS (PLAN NO 1)												FACE IN BARN WITHOUT PENS (PLAN NO 2)														
		TOTAL LENGTH OF BARN 'A' (INSIDE DIMENSIONS) DIMENSION INCLUDES ONE END ALLEY								APPROXIMATE WINDOW & COLUMN SPACING				TOTAL LENGTH OF BARN 'A' (INSIDE DIMENSIONS) DIMENSION INCLUDES CROSS ALLEY, ONE END ALLEY								APPROXIMATE WINDOW & COLUMN SPACING						
		NUMBER OF COWS IN LONGEST LINE								B	C	D	E	NUMBER OF COWS IN LINE								B	C	D	E	F		
LARGE	4'-4"	39'-0"	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'-8"
	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'-0"
	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'-8"	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'-8"	8'-0"

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 - 34 FT. WIDTH
STALLS FACE IN AND FACE OUT

USDA '47 EX 5628 SHEET 1 OF 1