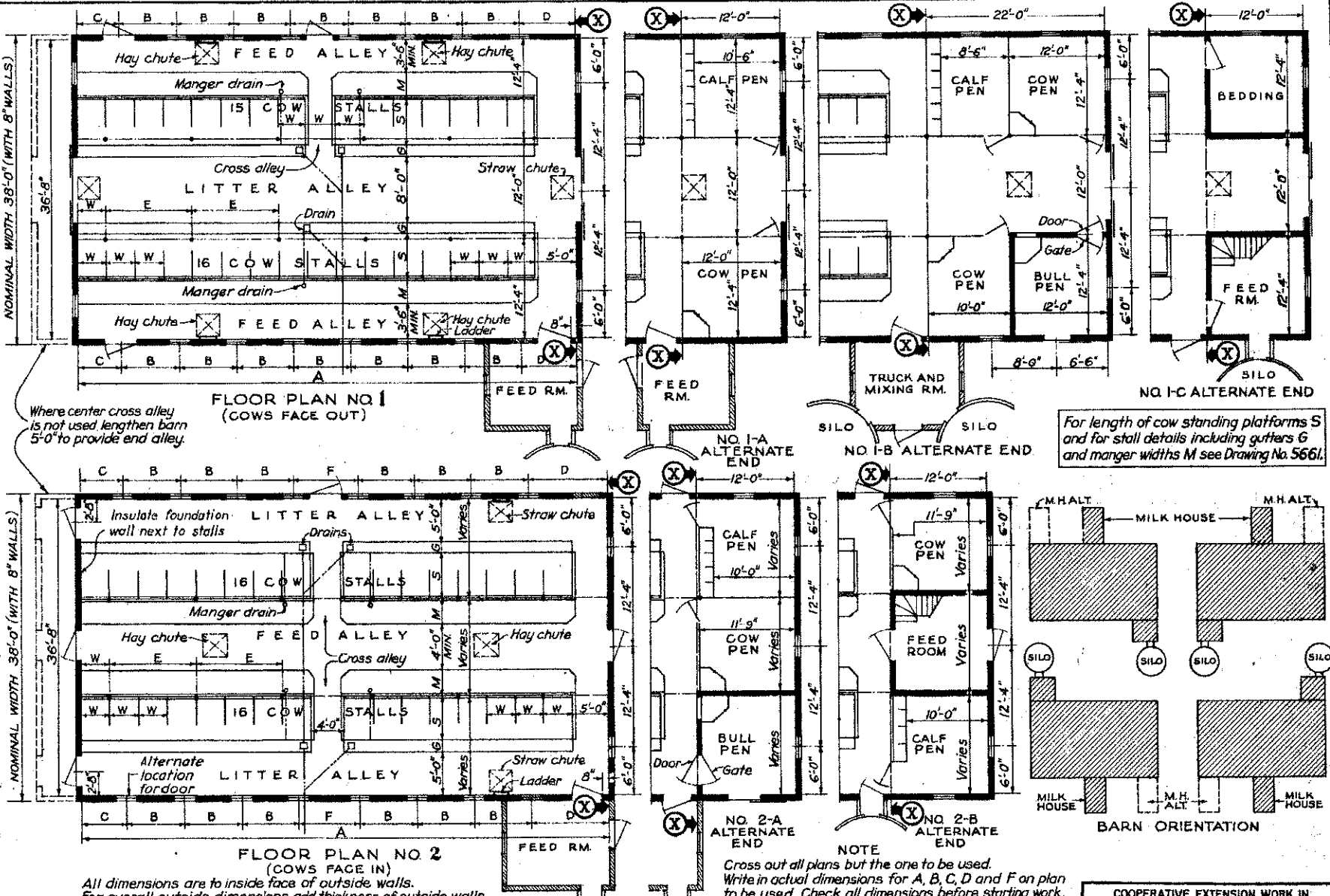


SHEETS COMPRISING SET OF DRAWINGS

1	2	3	4	5	6	7	8	9	10
FRAME CONSTRUCTION	1-STORY GABLE ROOF	1-STORY GABLE ROOF	1-STORY GABLE ROOF	1-STORY GABLE ROOF	1-STORY GABLE ROOF	1-STORY GABLE ROOF	1-STORY GABLE ROOF	1-STORY GABLE ROOF	1-STORY GABLE ROOF
5630	5631	5632	5633	5634	5635	5636	5637	5638	5639
5640	5641	5642	5643	5644	5645	5646	5647	5648	5649
5650	5651	5652	5653	5654	5655	5656	5657	5658	5659
5660	5661	5662	5663	5664	5665	5666	5667	5668	5669
5670	5671	5672	5673	5674	5675	5676	5677	5678	5679
5680	5681	5682	5683	5684	5685	5686	5687	5688	5689
5690	5691	5692	5693	5694	5695	5696	5697	5698	5699



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

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

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												TOTAL LENGTH OF BARN "A" (INSIDE DIMENSIONS) DIMENSION INCLUDES CROSS ALLEY, ONE END ALLEY														
		NUMBER OF COWS IN LONGEST LINE												NUMBER OF COWS IN LINE														
		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'-6"	41'-0"	59'-0"	77'-0"	95'-0"	113'-0"	131'-0"	149'-0"	167'-0"	185'-0"	9'-0"	6'-8"	7'-4"	13'-6"	45'-0"	63'-0"	81'-0"	99'-0"	117'-0"	135'-0"	153'-0"	171'-0"	189'-0"	9'-0"	6'-8"	11'-8"	13'-6"	8'-8"
MEDIUM	4'-0"	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'-8"
SMALL	3'-6"	34'-4"	49'-0"	63'-8"	78'-4"	93'-0"	107'-6"	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"

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
STATE OF INDIANA
PURDUE UNIVERSITY
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

**DAIRY BARN PLANS - 38 FT. WIDTH
STALLS FACE IN AND FACE OUT**

USDA '47 EX. 5630 SHEET 1 OF 1

STATE OF NORTH DAKOTA
NORTH DAKOTA STATE UNIVERSITY
OF AGRICULTURE AND APPLIED SCIENCE