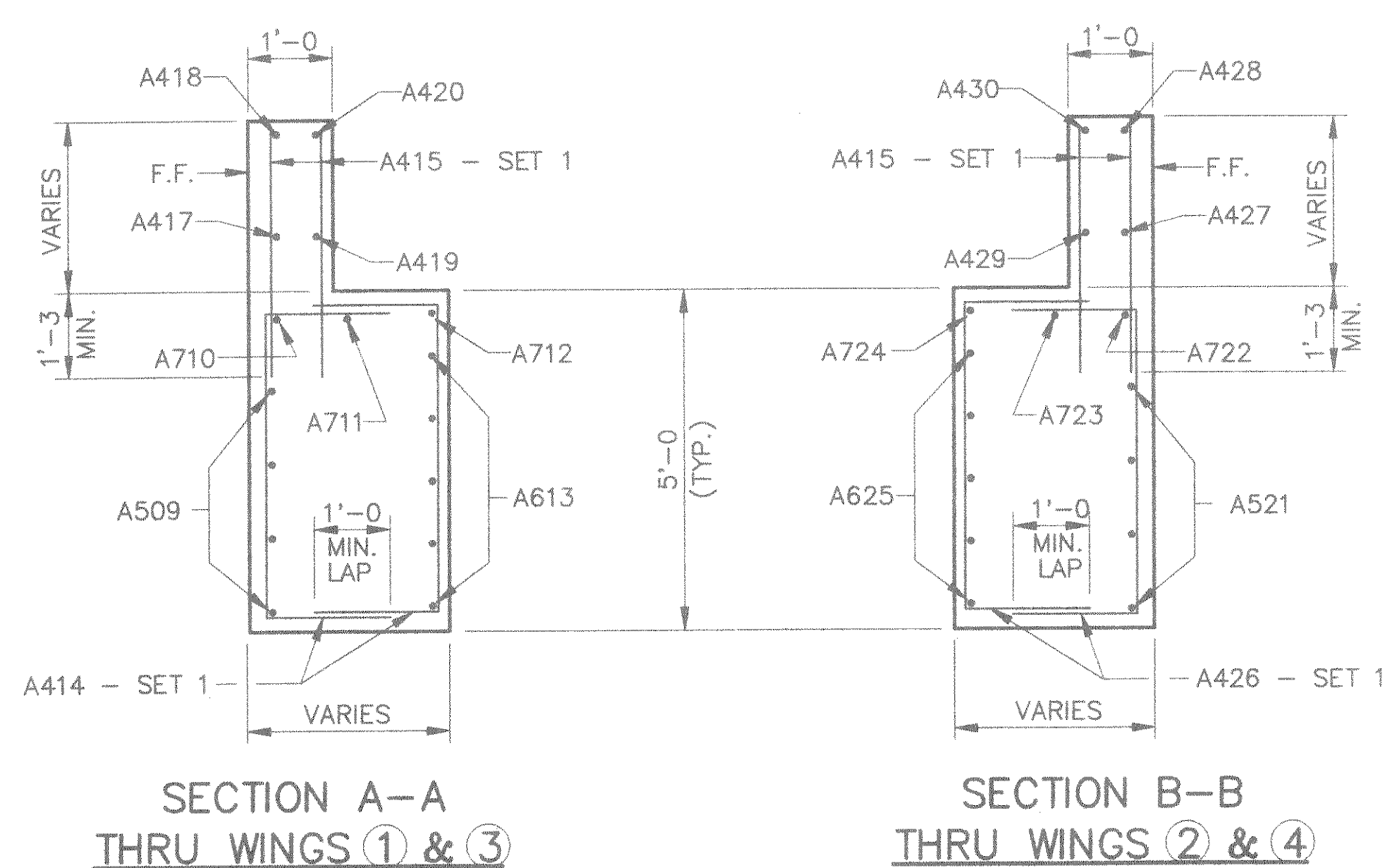
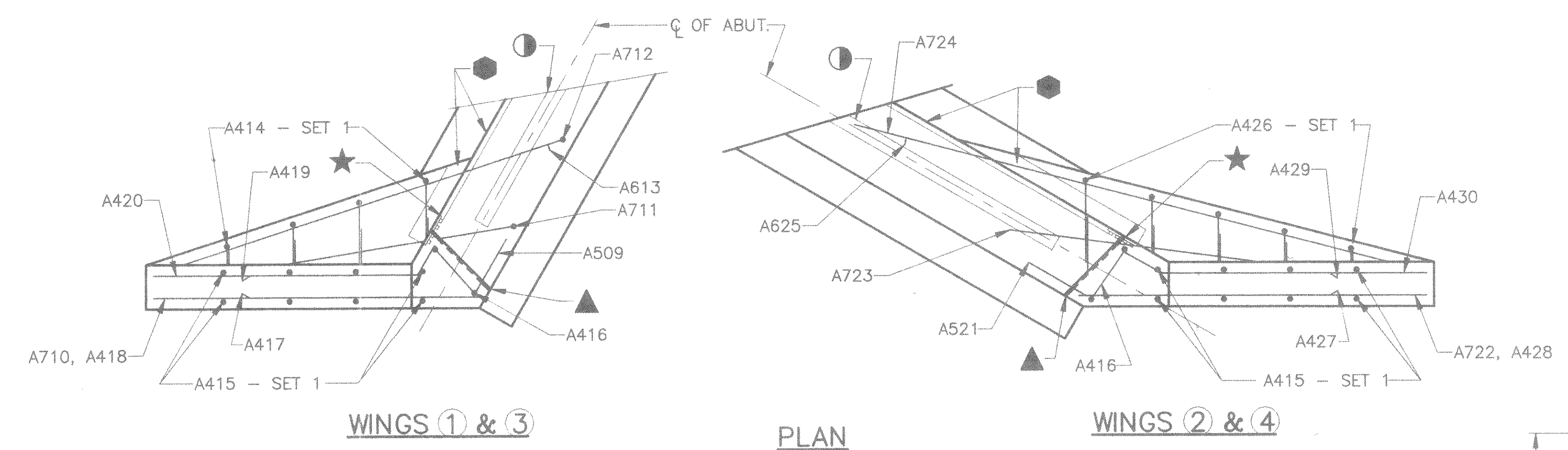
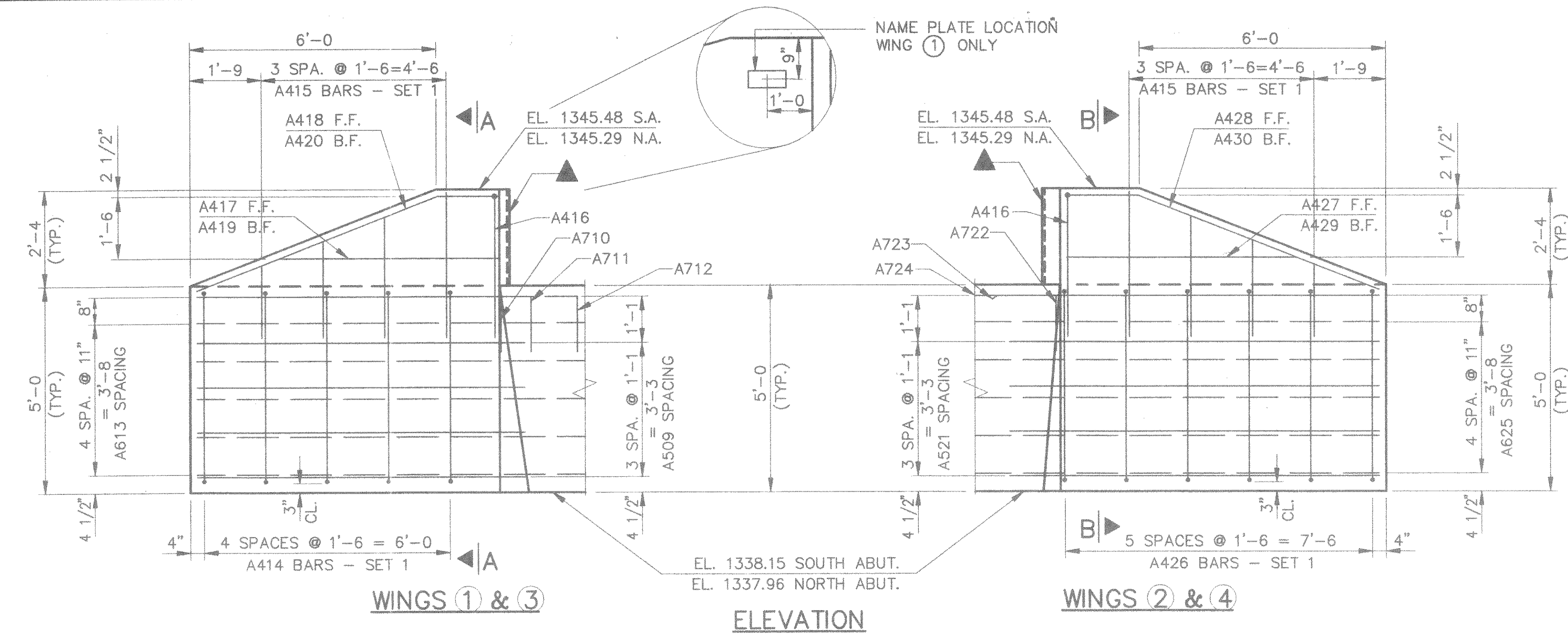


**BILL OF BARS (2 ABUTMENTS) 3500 LBS.**

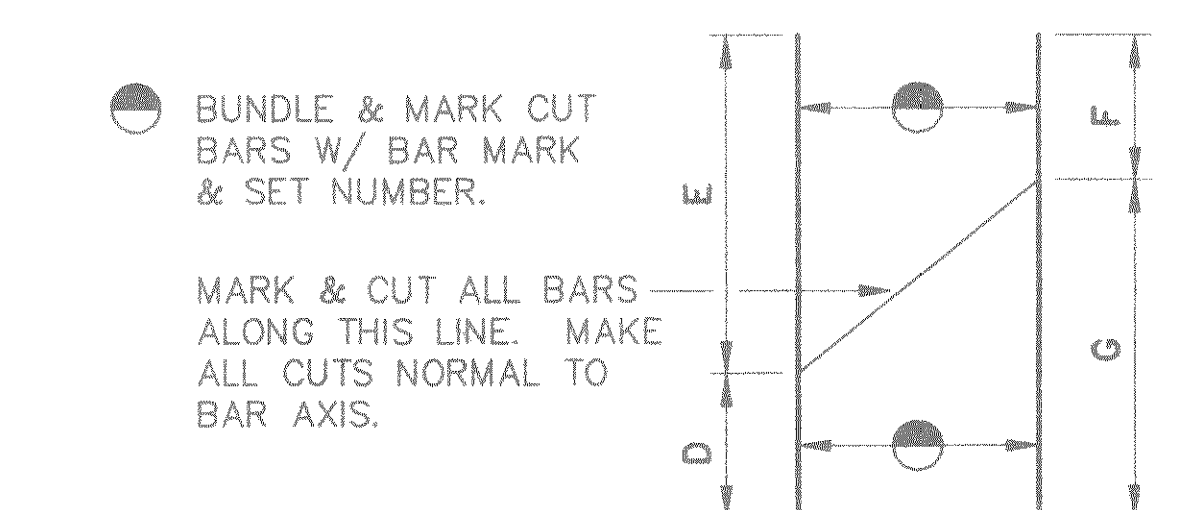
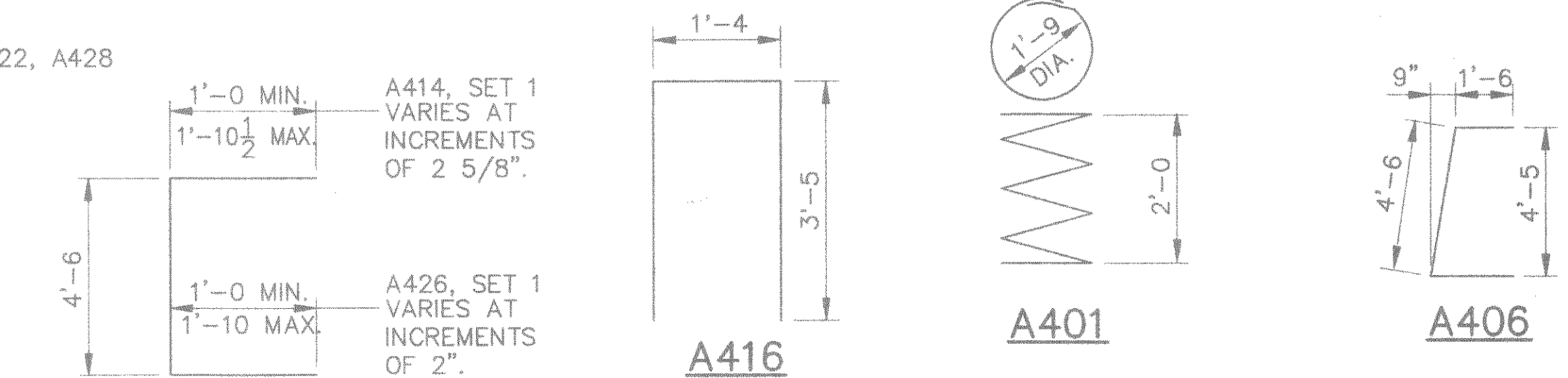
MARK	NO. REQ'D	LENGTH	BENT	CUTTING DIAGRAM	LOCATION
A401	8	28-0	X		BODY @ PILES-1 PER PILE 5 SPIRAL WRAPS
A402	16	2-3			" " " -2 " " - VERT.
A603	8	27-7			" - BOTTOM - HORIZ.
A704	24	8-0			" - B.F. - AT WINGS
A505	12	16-5			" - " - CENTER
A406	116	8-2	X		" - STIRRUP - VERT.
A607	14	28-11	X		" - F.F. & TOP - HORIZ.
A408	52	2-0			" - DOWELS @ TOP - VERT.
A509	8	8-9	X		WINGS ① & ③ BOTTOM- F.F. - HORIZ.
A710	2	8-5	X		" " " " " " "
A711	2	9-5	X		" " " " " - CENTER
A712	2	10-11	X		" " " " " - B.F.
A613	10	9-5			" " " " " " "
A414	10	14-5	X	X	" " " " " - F.F. & B.F. - VERT.
A415	16	5-3		X	" - ALL - TOP " " "
A416	4	8-0	X		" - AT FILLER " " "
A417	2	5-4			" ① & ③ " - F.F. - HORIZ.
A418	2	7-9	X		" " " " " " "
A419	2	4-8	X		" " " " " - B.F.
A420	2	7-0	X		" " " " " " "
A521	8	9-2	X		" ② & ④ BOTTOM- F.F.
A722	2	8-11	X		" " " " " " "
A723	2	9-6			" " " " " - CENTER
A724	2	13-4			" " " " " - B.F.
A625	10	12-2			" " " " " " "
A426	12	14-4	X	X	" " " " " - F.F. & B.F. - VERT.
A427	2	5-10			" " " " " - TOP - F.F. - HORIZ.
A428	2	8-0	X		" " " " " " "
A429	2	5-0	X		" " " " " - B.F.
A430	2	7-4	X		" " " " " " "

DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT OF BAR.  
BENT BARS IF USED IN CUTTING DIAGRAM SHALL BE BENT AFTER CUTTING.

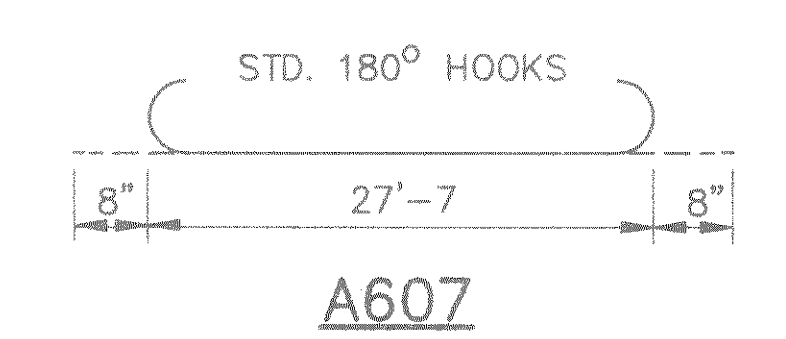


MARK	A	B
A509	1'-6	60"
A418	1'-6	21"
A419	9"	60"
A420	1'-6	30"
A428	1'-9	21"
A429	1'-0	30"
A430	1'-1	30"

MARK	C
A710, A711, A712	1'-4
A722	1'-4



MARK	D	E	F	G	NO. OF BARS/SET	SETS REQ'D	
A414	SET 1	6'-4	8'-1	6'-4	8'-1	5	4
A415	SET 1	1'-9	3'-6	1'-9	3'-6	4	8
A426	SET 1	6'-4	8'-0	6'-4	8'-0	6	4



STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

STRUCTURE B-35-130

Const. Spec. WI "89" Drawn By RLR Plans Checked MJS

ABUTMENT DETAILS

SHEET 5 OF 7