

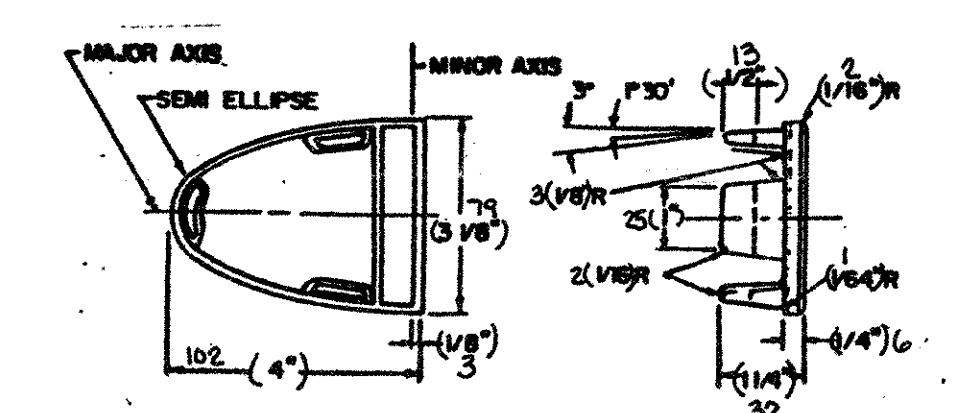
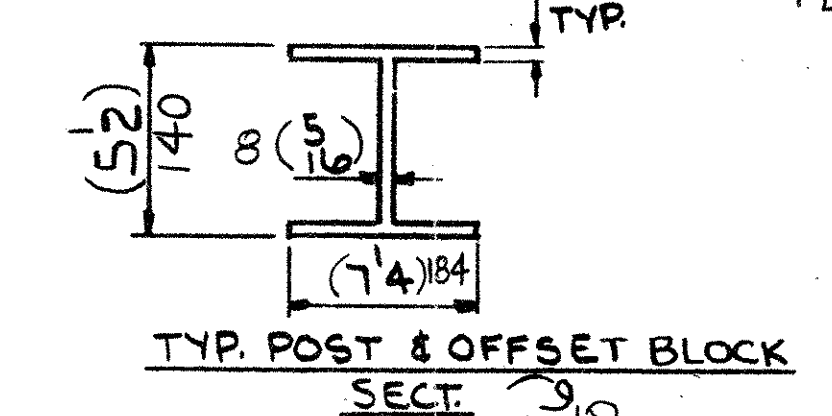
TYP. INSIDE ELEVATION
 2 ~ REQ'D AS SHOWN (NE & SW)
 2 ~ REQ'D OPP. HAND (NW & SE)

OFFSET BLOCK	H	J
1 THRU 4	1 1/4	8.8
5 THRU 7	1 1/2	4.3
8	SQ	SQ

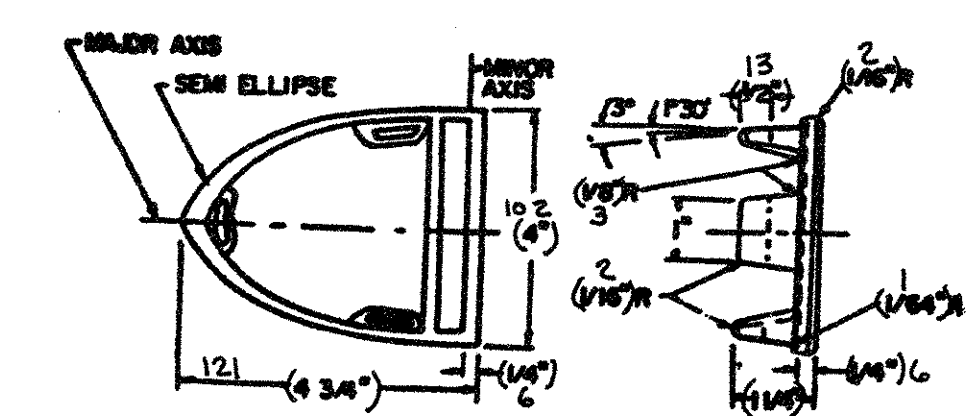
14 (9/16) HOLES IN BACK FACE OF OFFSET BLOCK & FRONT FACE OF POST

14 (1/16) x (1/16) VERT. SLOTS IN FRONT FACE OF OFFSET BLOCK

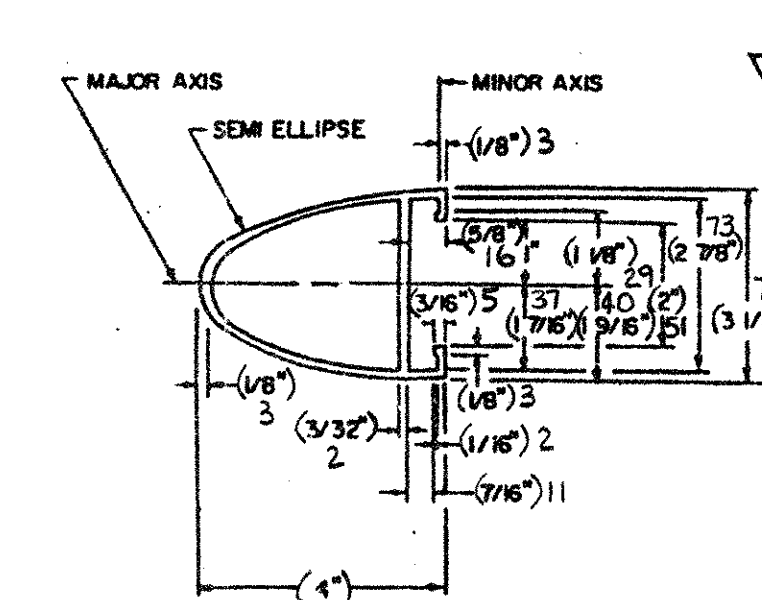
SECTION B-B



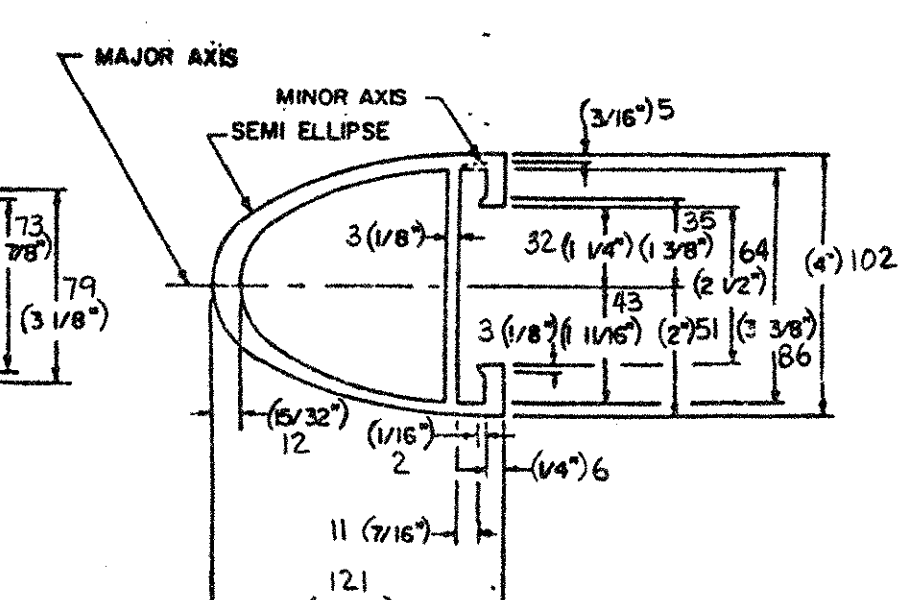
4-END CAPS FOR HAND RAIL



8-END CAPS FOR BARRIER RAIL



HAND RAIL SECTION



BARRIER RAIL SECTION

RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS						
POST No.	QTY.		A	B	C	D	E	F	G
1 _L	2	1268 (4'-1 15/16")	989 (3'-2 15/16")	543 (1'-9 3/8")	291 (11 7/16")	446 (1'-5 1/2")	851 (2'-9 1/2")	—	—
2 _L	2	1184 (3'-10 5/8")	948 (3'-1 5/16")	519 (1'-8 7/16")	248 (9 3/4")	429 (1'-4 7/8")	792 (2'-7 3/16")	—	—
3 _L	2	1099 (3'-7 1/4")	906 (2'-11 11/16")	495 (1'-7 1/2")	204 (8 1/16")	411 (1'-4 3/16")	732 (2'-4 13/16")	—	—
4 _L	2	1016 (3'-4")	865 (2'-10 1/16")	471 (1'-6 9/16")	162 (6 3/8")	394 (1'-3 1/2")	671 (2'-2 7/16")	—	—
5 _L	2	—	810 (2'-7 7/8")	440 (1'-5 5/16")	—	370 (1'-2 9/16")	—	497 (1'-7 9/16")	—
6 _L	2	—	756 (2'-5 3/4")	408 (1'-4 1/16")	—	348 (1'-1 11/16")	—	475 (1'-6 11/16")	—
7 _L	2	—	700 (2'-3 9/16")	376 (1'-2 13/16")	—	324 (1'-0 3/4")	—	451 (1'-5 3/4")	—
8	65	—	700 (2'-3 9/16")	376 (1'-2 13/16")	—	324 (1'-0 3/4")	—	451 (1'-5 3/4")	—

BILL OF MATERIAL						
PIECE MARK	NO. REQ'D.	DESCRIPTION	LENGTH			REMARKS
			mm	FT.	IN.	
16	2	ALUMINUM POSTS #1 _L THRU #4 _R	1980	6	6	ON C
77	2	~do~ #5 _R #6 _R #7 _R & 8	1830	6	0	
4	4	ALUMINUM OFFSET BLOCKS	851	2	9 1/2	
4	4		792	2	7 3/16	
4	4		732	2	4 13/16	
4	4		671	2	2 7/16	
4	4		497	1	6 11/16	
4	4		475	1	6 11/16	
69	1	ALUMINUM OFFSET BLOCKS	451	1	5 3/4	ON C
CB-01-H	32	ALUMINUM CLAMP BARS	181	0	7 1/8	SEE LBS
CB-03-A	372	~do~	181	0	7 1/8	
808	13	(1/2") STNL. STL. HEX HD. BOLTS	25	0	1	
872	27	(1 1/16") O.D. x 14 (17/32") I.D. x 3 (3/32") WASHER	22	0	0 7/8	PARTIALLY THD'D (SEE LBS)
SS-03-G1	8	ALUMINUM SPLICE SLEEVE	914	3	0	
SS-03-H	18	~do~	533	1	9	
SS-12-A1	4	~do~	610	2	0	
256	13	(1/2") STNL. STL. HEX HD. BOLTS	22	0	0 7/8	TACK WELD TO PARTIALLY THD'D BOLT (SEE LBS)
256	13	(1/2") STNL. STL. WASHER	22	0	0 7/8	
4	6	(1/4") ALUMINUM PINS	19	0	0 3/4	SEE LBS
SS-03-H1	2	ALUMINUM SPLICE SLEEVE	533	1	9	ROADWAY BEND
SS-03-H3	2		533	1	9	ROADWAY BEND
SS-03-H4	2		533	1	9	~do~
4	4	ALUMINUM END CAP (HANDRAIL)				DRIVE TYPE
8	8	ALUMINUM END CAP (BARRIER RAIL)				DRIVE TYPE
T1	4	102 (4") x 79 (3 1/8") SEMI-ELLIP. ALUM. RAIL	3530	11	7	
B1	2	121 (4 3/4") x 102 (4") SEMI-ELLIP. ALUM. RAIL	9220	30	3	SEE NOTE 7
B2	6		8865	29	1	SEE NOTE 7
B3	2		8865	29	1	BENT (NE) SEE NOTE 7
B4	6		7575	24	10 1/4	SEE NOTE 8
B5	2		7575	24	10 1/4	BENT (NW) SEE NOTE 8
B6	2		6045	19	10	RB - SEE NOTE 6 (NW)
B7	4		6096	20	0	SEE NOTE 7
B8	2		5950	19	6 1/4	BENT-SEE NOTE 6 (SW)
B9	2		5017	16	5 1/2	RB - SEE NOTE 6 (NE)
B10	2		3750	12	3 9/8	RB - SEE NOTE 6 (SE)
B11	2		3549	11	7 3/4	BENT - SEE NOTE 7 (SE)

ANODIZE BLACK (SEE LB1 FOR SPEC.)
 NOTE 6: SLOT DETAIL D 1-END
 NOTE 7: SLOT DETAIL D BOTH ENDS
 NOTE 8: SLOT DETAIL A 1-END, DET. D 1-END
 (SEE LBS FOR SLOT DETAILS)

RECEIVED
 CK'D BY *GC* CK'D BY *AP*
 FEB 03 2000
 RESUBMIT APPROVED
 BY _____ DATE _____

PROJ. No. ERO21-1(13)
 APPROVED: _____ REC'D APPROVAL _____
 DRAWING: _____
L. B. FOSTER CO.
 GENERAL OFFICES
 PITTSBURGH, PENNSYLVANIA 15220

FOR: BECK & BELLUCCI, INCORPORATED
 VERMONT AGENCY OF TRANSPORTATION
 TOWN OF BRISTOL, ADDISON COUNTY
 FOR VT. RTE. 116 (MINOR ARTERIAL)
APPROACH RAIL DETAILS 087

REV.	DESCRIPTION	BY	DATE	APP'D.
1	REV'D. PER CHGS. ON ARC LENGTHS PER APPL. PRINTS	Da	12/6/99	00
2	CHECK <i>Da</i> DATE 12/16/99 DRAWING <i>L</i> B4			

DRAWING NO. 12/16/99