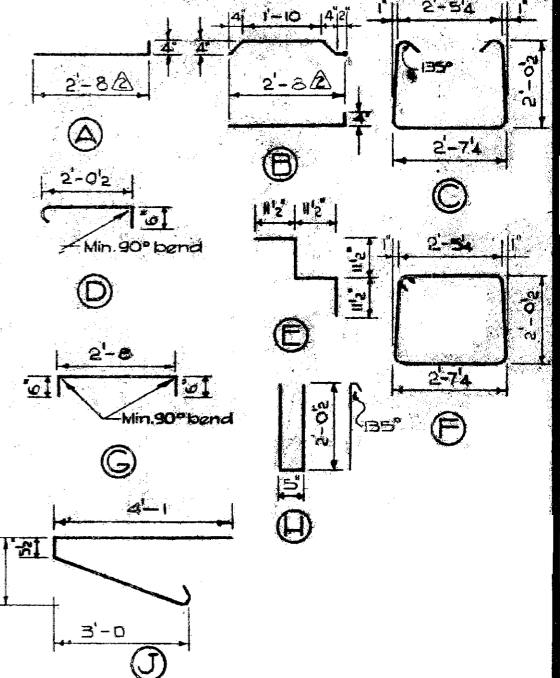


BAR LIST

Mark	Size	No.	Type	Length	Weight
S301	3	68	A	3'-0"	77
S302	3	32	B	3'-3"	39
S303	3	80	C	7'-4"	220
S304	3	80	D	2'-10"	85
S305	3	26	E	3'-10"	37
S401	4	2	F	9'-10"	13
E401	4	4	G	3'-8"	10
E501	5	6	H	5'-4"	33
C401	4	126	J	8'-1"	680
C501	5	16	str	32'-3"	538

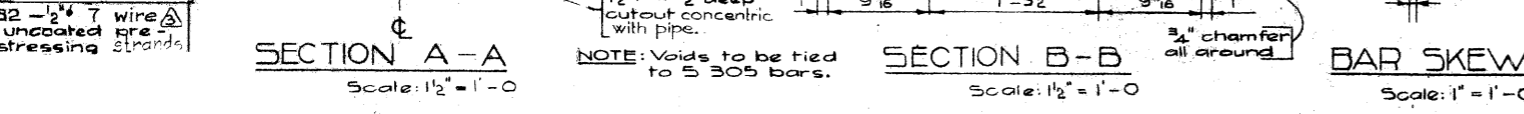
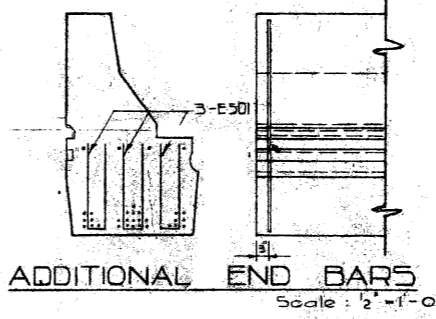
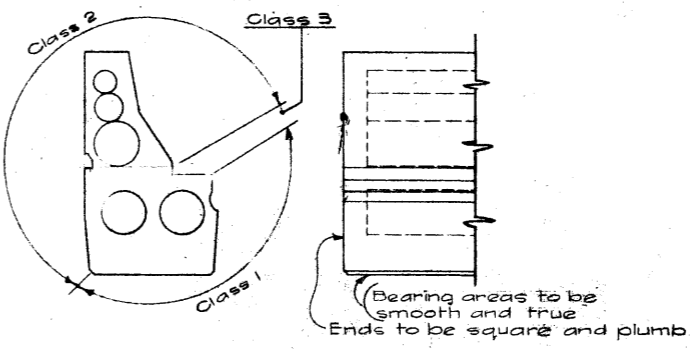
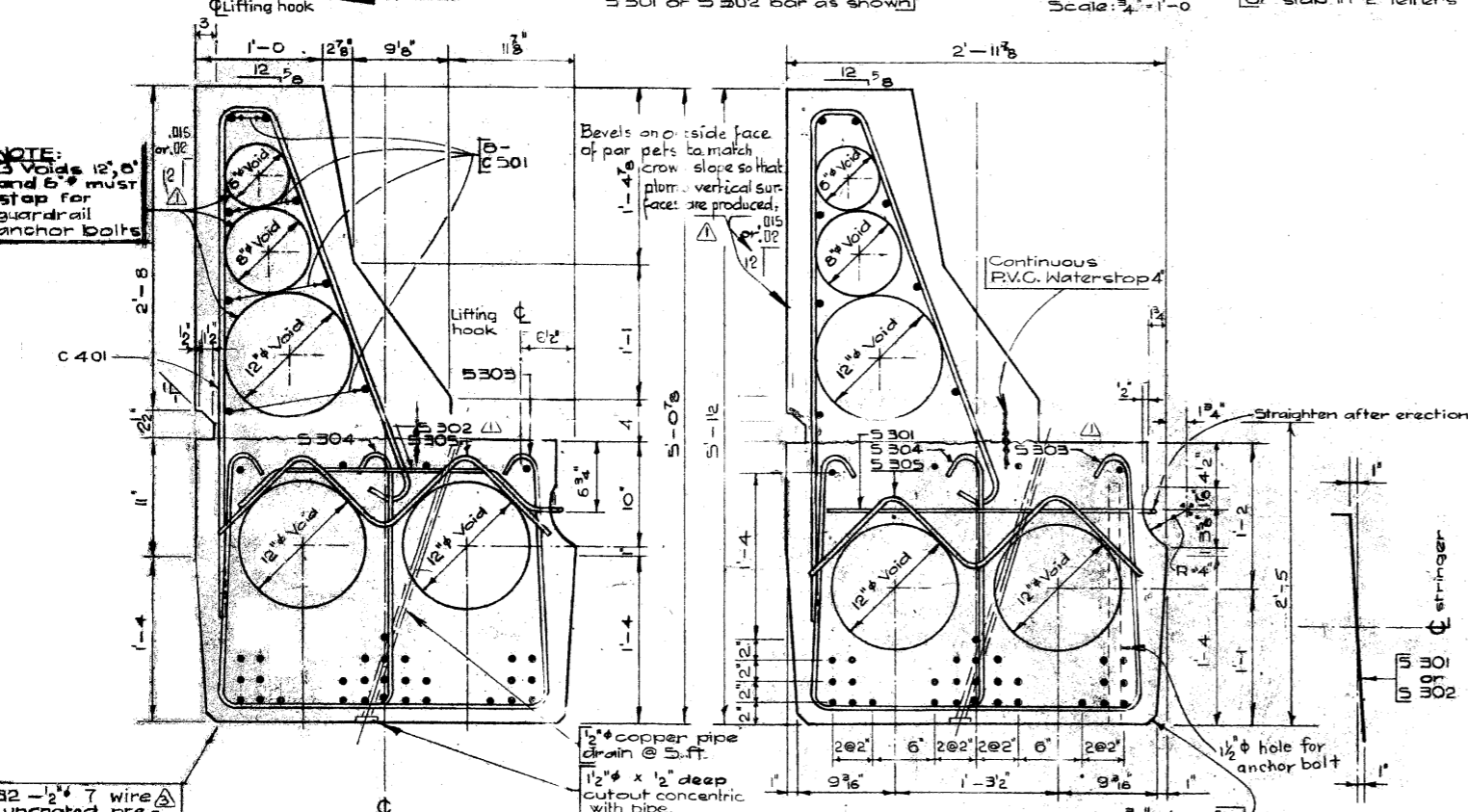
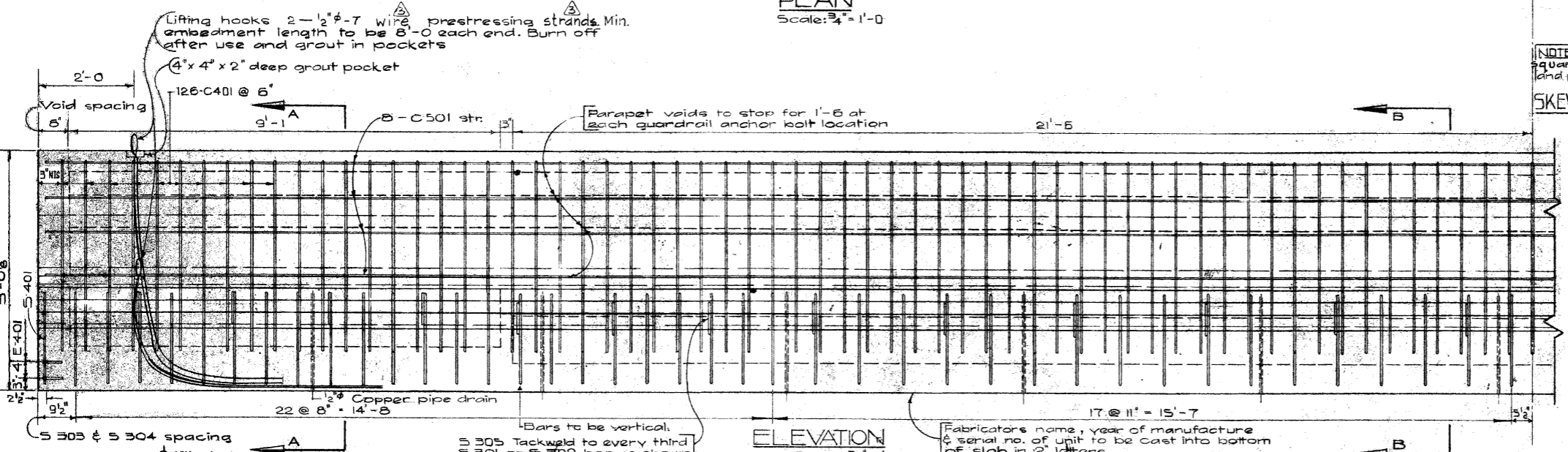
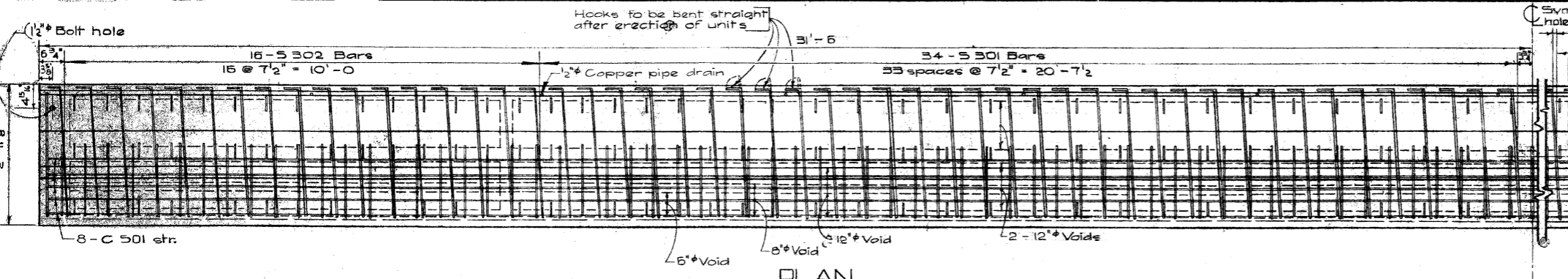
Total lbs: 1665
Albs 1732

BAR TYPES N.T.S.
(All bar dimensions are out to out)



GENERAL NOTES

- DESIGN:** A.A.S.H.O. 1961 Specifications. Loading: 3/5 of one wheel line of an HS 20-44 truck plus full dead load plus 2" wearing surface.
- MATERIALS:** Concrete shall be of standard weight aggregate with a maximum size of 3/4". Minimum compressive strength shall be 5000 p.s.i. at 28 days. Air entrainment to be not less than 5%.
- FABRICATION:** Reinforcement: Diameters of all bends shall conform to the recommended sizes and all hooks, unless otherwise noted, shall conform to the recommended sizes detailed in the A.C.I. Manual of Standard Practice for Detailing Reinforced Concrete Structures. Prestressing steel: Initial tensioning load = 25.2 k/Cable; Design load = 20.16 k/Cable. Concrete must attain 4,000 p.s.i. compressive strength before the prestressing force is transferred. Units are to conform to the requirements of the Bridge Branch Specifications for Prestressed Concrete Bridge Units.
- ERECTION:** Lifting forces at each hook must be vertical at all times. Stringer surface must be level at all times.



NO.	DATE	DESCRIPTION	BY
1	Feb. 29/68	Prestressing strands	R.Ch.
2	Feb. 20/68	Bar length	R.Ch.
3	Dec. 4, 1969	Paving lip removed, Parapet bevel added	P.S.

**PRESTRESSED CONCRETE
63 FT. SPAN
27" TYPE "M" CURB STRINGER**

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS
BRIDGE BRANCH, EDMONTON

FILE NO. _____ HWY. NO. _____ DWG. NO. _____
LOCATION SCALE as shown S-931
SHEET 11 OF 12