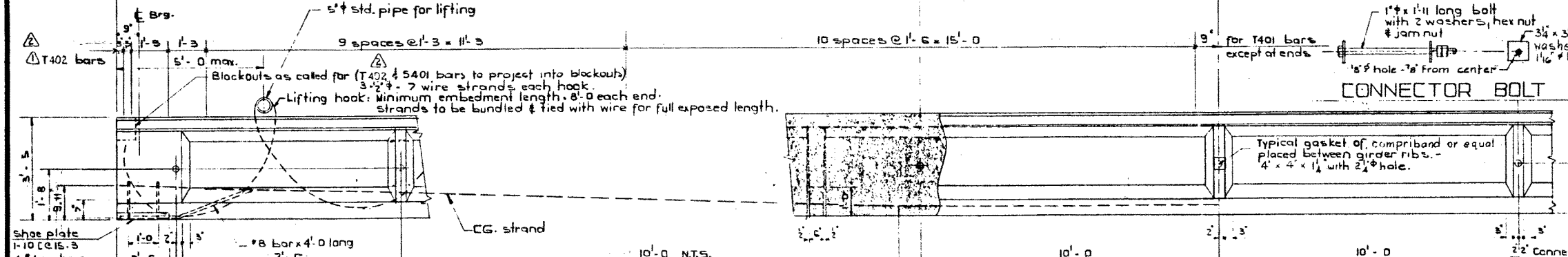
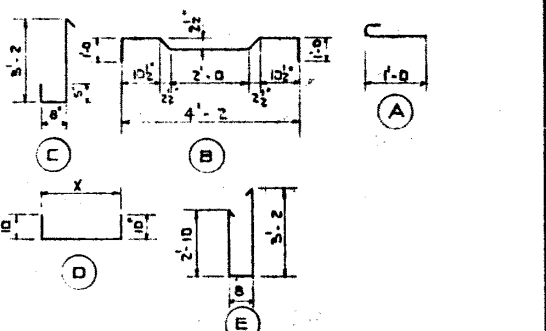
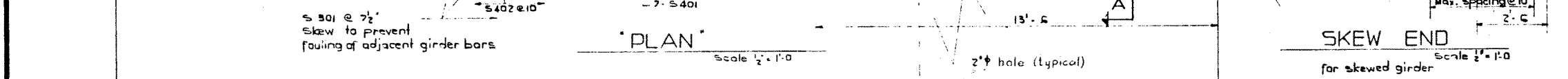
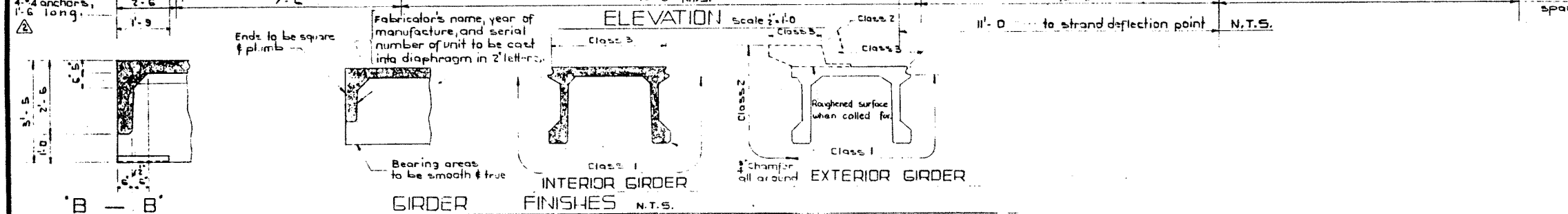


BAR LIST For unskewed Girder						
MARK	SIZE	NO	TYPE	IN	LENGTH	WEIGHT
S 301	5	192	A		11'-6"	108
S 401	4	14	Str.		30'-6"	285
S 402	4	22	B		6'-4"	598
S 501	5	148	Str.		4'-9"	723
T 401	4	80	C		4'-9"	254
D 601	C	4	D	4'-2"	5'-10"	35
D 602	C	4	D	6'-0"	2'-8"	40
T 402	4	12	E		7'-6"	64
T 601	6	8	Str.		2'-11"	35

Total lbs: 1811  
 BAR TYPES: 1,885  
 (All bar dimensions are out to out) 1,846

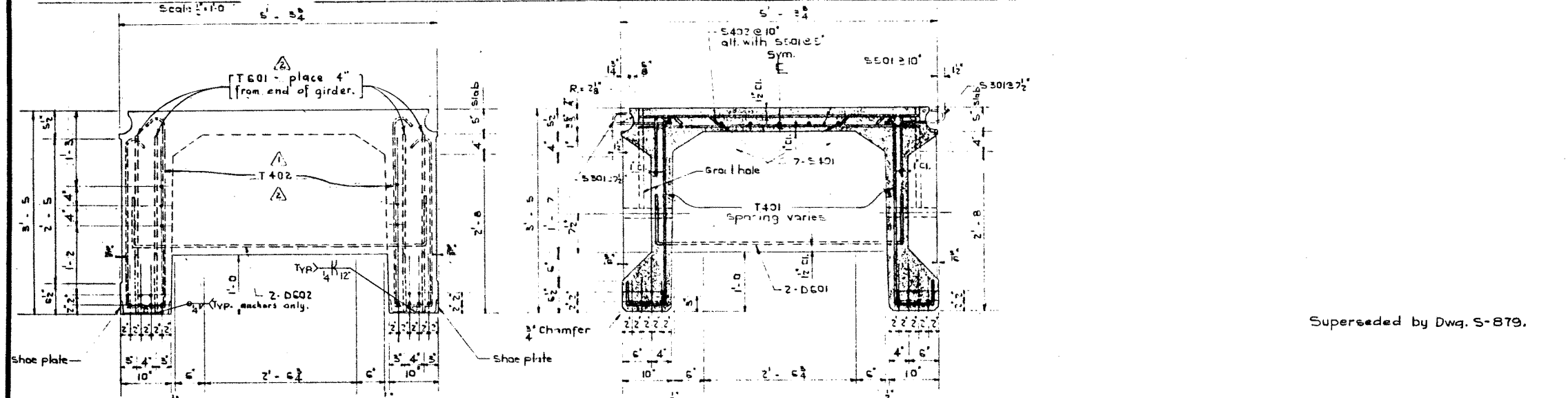


GENERAL NOTES:  
 DESIGN  
 A.A.S.H.O. 1961 Specification  
 Loading: 0.97 of one wheel line of an H20-S16-44 truck plus full dead load plus 2\"/>



MATERIALS  
 Concrete shall be of standard weight aggregate with a maximum size of 3/4\"/>

FABRICATION  
 Reinforcement: Diameters of all bars 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% strand Design Load, 20.2% strand  
 Concrete must attain 4000 p.s.i. compressive strength before the prestressing force is transferred



Units are to conform to the requirements of the Alberta Bridge Branch Specifications for the Manufacture of Prestressed Concrete Bridge Units.

ERECTION  
 Lifting force of each hook must be vertical at all times.  
 Girder surface must be true at all times.

**SUPERSEDED**

Superseded by Dwg. S-879.

PRESTRESSED CONCRETE  
 60'-0" TYPE FC GIRDER

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

NO.	DATE	DESCRIPTION	BY
1	Oct. 2/64	No. of strands added	V.G.B.
2	July 6/64	End block rebars.	D.H.Q.
3	June 2/64	End block rebars	D.H.Q.

FILE NO. \_\_\_\_\_ HWY. NO. \_\_\_\_\_ DWS. NO. \_\_\_\_\_  
 LOCATION \_\_\_\_\_ SCALE \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_

DESIGNED BY L. Koblmann  
 DATED February 19, 1964  
 CHECKED BY \_\_\_\_\_

NOTE:  
 18-1/2" # 7 wire strand, required per girder