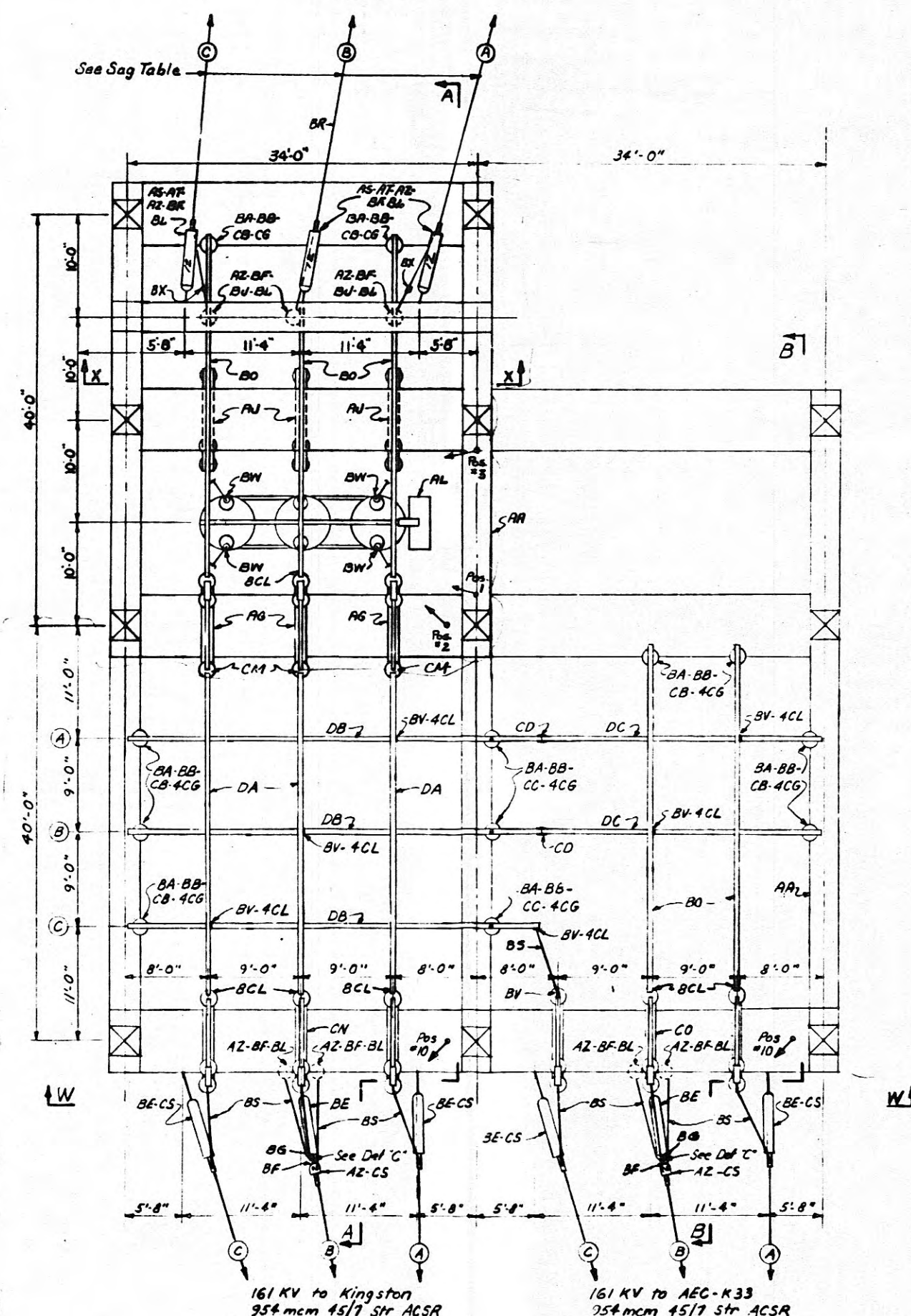


LC-46520

SAG TABLE				
Sag for 500 Mcm Strd. Copper 3000 lbs. D.T. H.L. 191' Span				
Temp. (°F)	50	60	70	80
Sag (ft)	4.3	4.6	5.1	5.8
* Sag is for conductor only & does not include insulator deflection				

To 161-69-13KV Power Transformer Bank
500 Mcm Str. Cu.
See LC-46518



NOTES:
1. All bolted aluminum connections are to be made per SG-37447.

REVISION NOTE #2 (W.O. 35687):
Added terminal facilities for K-33 (AEC) T.L. Complete with partial end bay, motor ppr. switch, buses, communication equip't and assoc. connections. Relocated pull-off for existing Kingston T.L. and added partial end bay complete with motor ppr. switch, buses, communication equip't and assoc. connections to existing bay. Removed existing communication equip't.

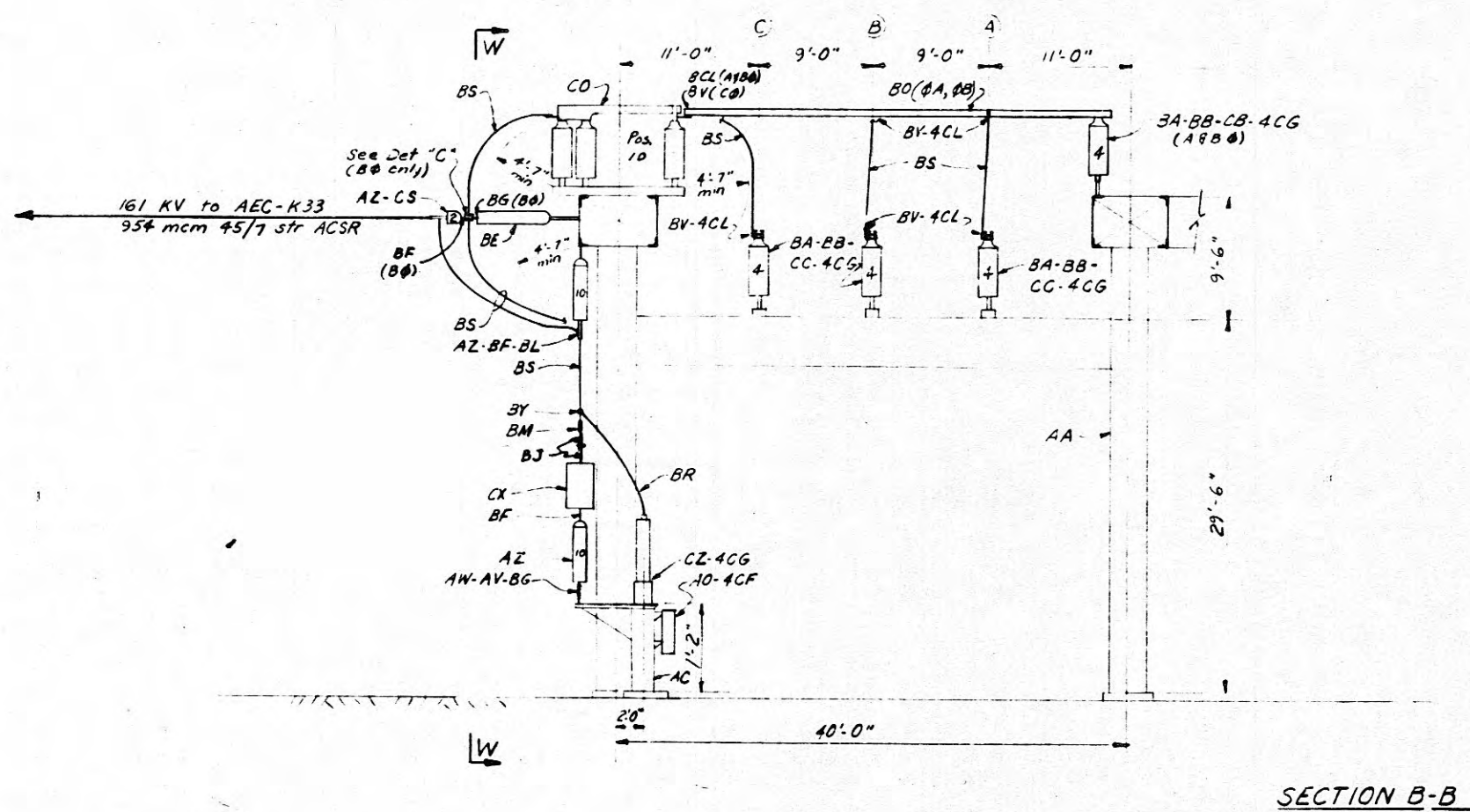
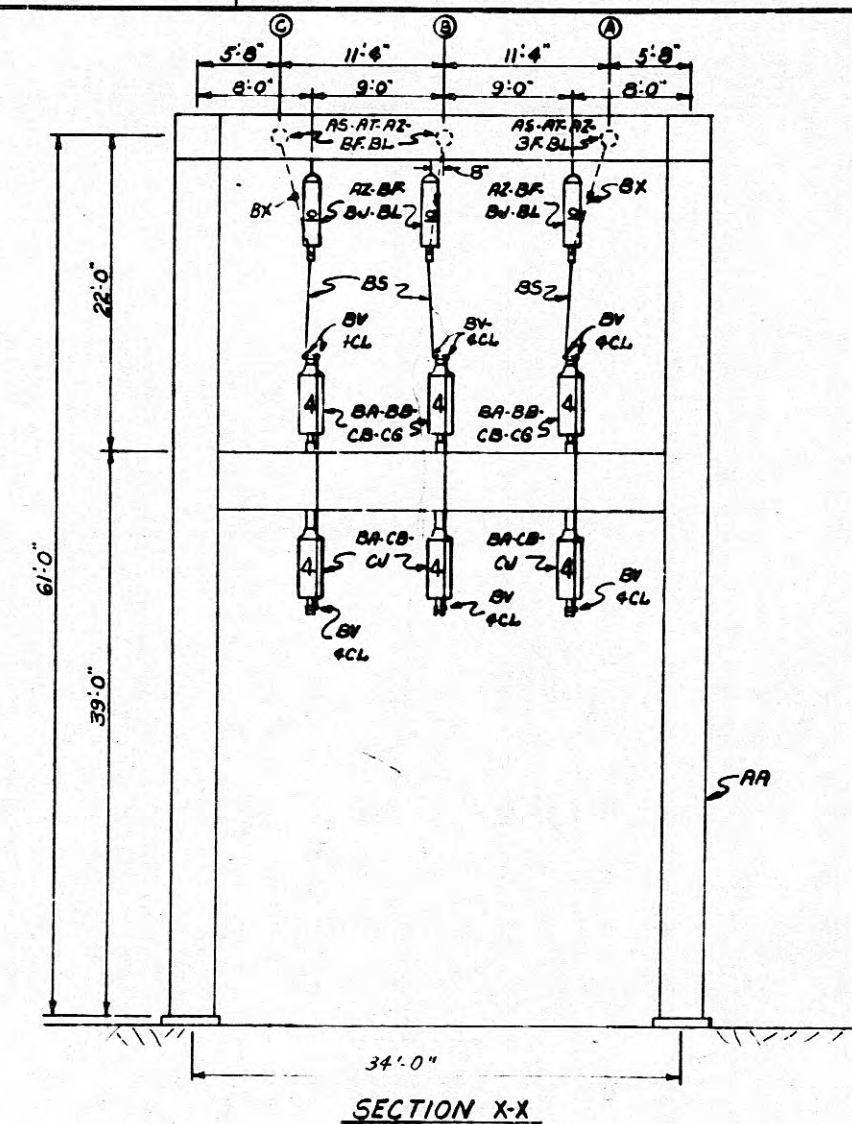
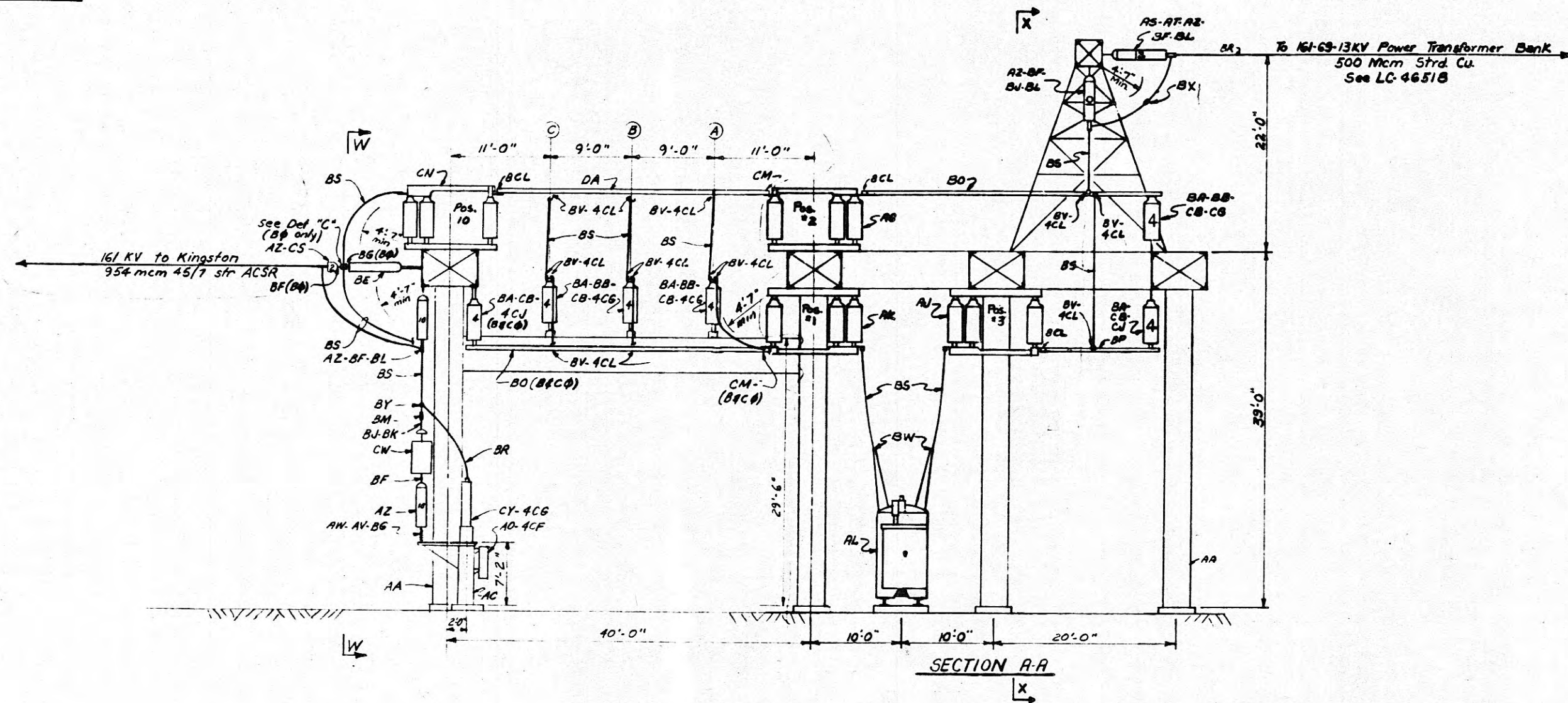
REFERENCES:
Bill of Material ———— BMC-46521
General Arrangement Plan (Initial) ———— LC-46512
Foundation Plan ———— LC-46513
161-69-13KV Power Transformer Bank ———— LC-46518

TENNESSEE VALLEY AUTHORITY
DIVISION OF POWER PLANNING AND ENGINEERING
HARRIMAN, TENN. SUBSTATION-161KV
161 KV SWITCHGEAR
PLAN & SECTIONS

See Revision Note 2, this sheet.		2 4-29-71 35687		RVB(OKS) KWW	
Revised pull-offs to Kingston					
DATE	W.O. NO.	DESIGN	REVIEW	CHECK	APPROVE
1/12/66	36861	CEW	CEW	CEW	CEW
DATE	W.O. NO.	DESIGN	REVIEW	CHECK	APPROVE
7-13-66	36861	CEW	CEW	CEW	CEW
DATE	W.O. NO.	DESIGN	REVIEW	CHECK	APPROVE
7-13-66	36861	CEW	CEW	CEW	CEW
DATE	W.O. NO.	DESIGN	REVIEW	CHECK	APPROVE
7-13-66	36861	CEW	CEW	CEW	CEW

LC-46520 R-2

LC-46520



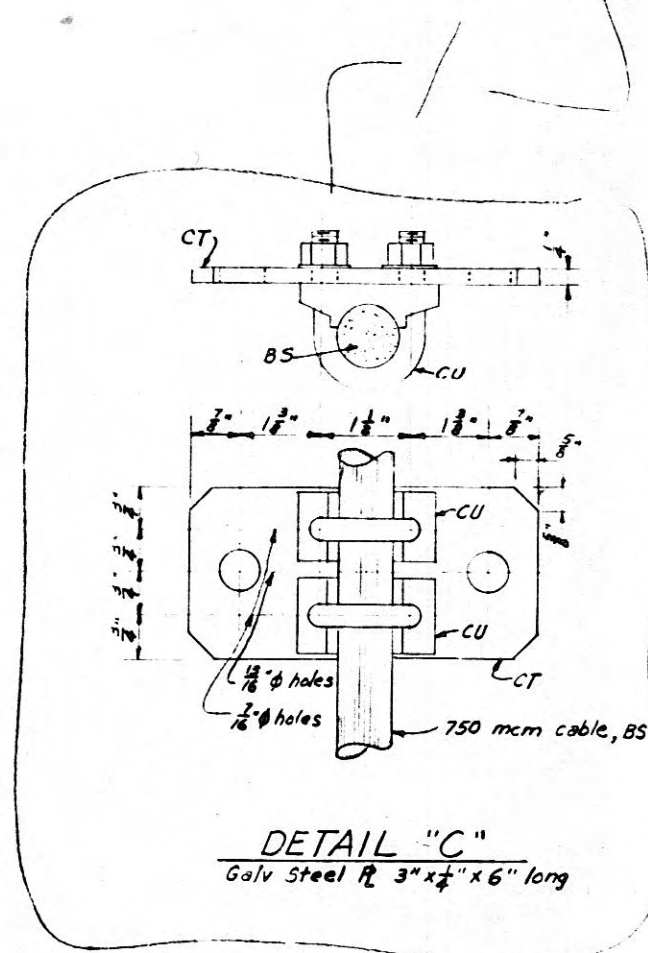
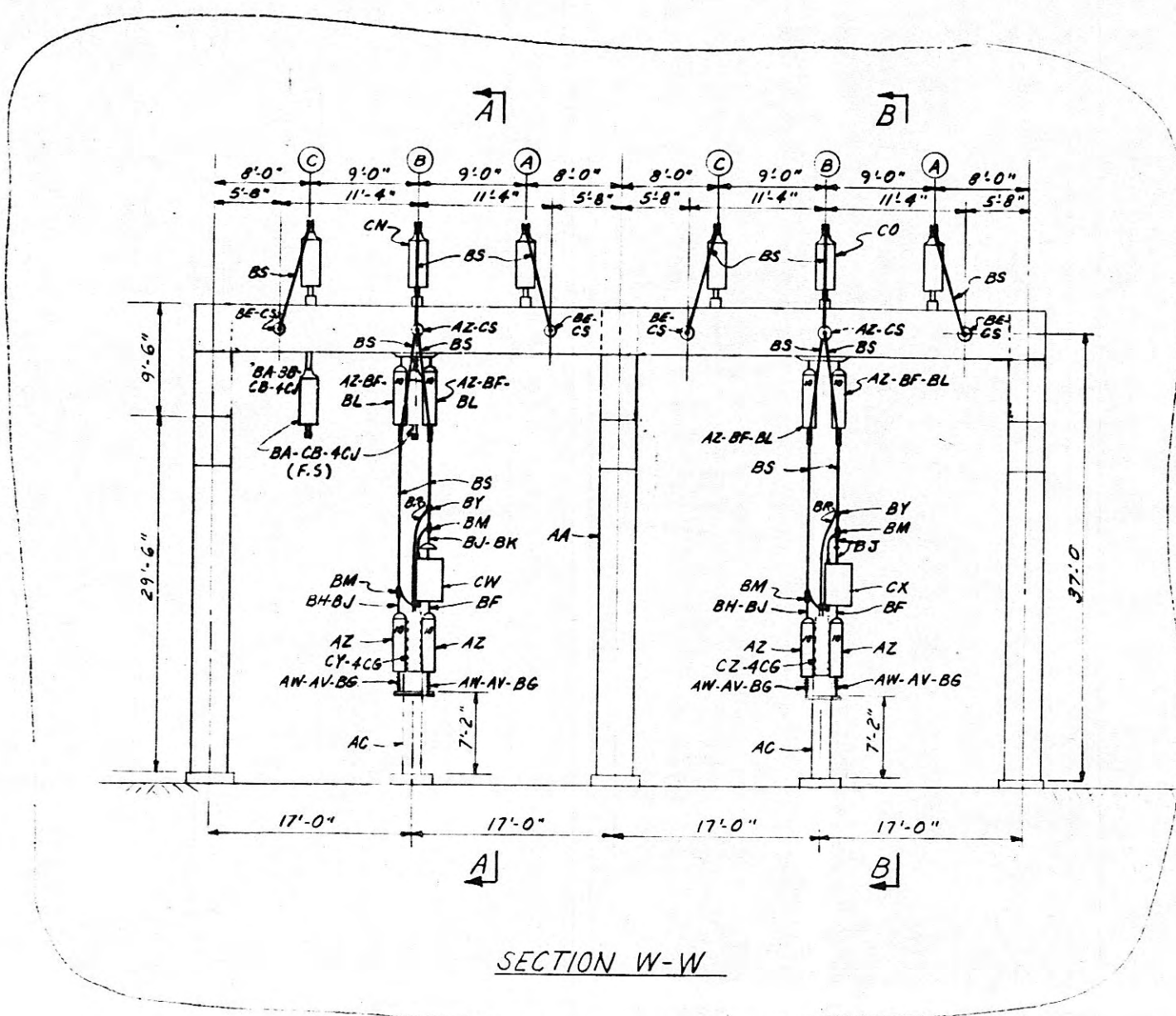
REFERENCES:
Bill of Material _____ BME-46521

See Revision Note No. 2, sheet 1					
2	4-29-71	35687	RWB	DES	WAW
Added L.I.U. Cabinet for Cape Capacitor Str.					
1	8-5-65	36861	CL	CL	RE
DATE	DATE	DATE	DATE	DATE	DATE
DESIGN	DESIGN	DESIGN	DESIGN	DESIGN	DESIGN
DRAWN	DRAWN	DRAWN	DRAWN	DRAWN	DRAWN
CHECK	CHECK	CHECK	CHECK	CHECK	CHECK

TENNESSEE VALLEY AUTHORITY
DIVISION OF POWER PLANNING AND ENGINEERING
HARRIMAN, TENN. SUBSTATION-161 KV
161 KV SWITCHGEAR
PLAN & SECTIONS

DATE 7-13-66
CLASS CODE A552E
SHEET 2 OF 3
LC-46520 R-2

02991-37



REFERENCES:
Bill of Material _____ BMG-46521

TENNESSEE VALLEY AUTHORITY DIVISION OF POWER PLANNING AND ENGINEERING HARRIMAN, TENN. SUBSTATION - 161 KV 161 KV SWITCHGEAR PLAN & SECTIONS									
DATE 5/9/71 DRAWN [Signature] CHKD [Signature]					DATE 5/9/71 SUBMITTED [Signature] APPROVED [Signature]				
W.O. [Signature] PROJ. ENGR. [Signature]					CLASS CODE 2552E SHEET 3 OF 3 LC-46520 R-1				

INTERRUPTED

