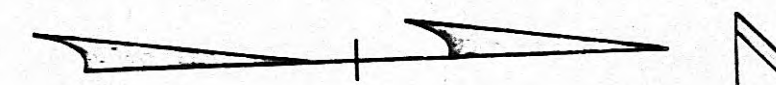


22571-01

69 KV To Melton Hill Top
397.5 Mcm 24/7 ACSR

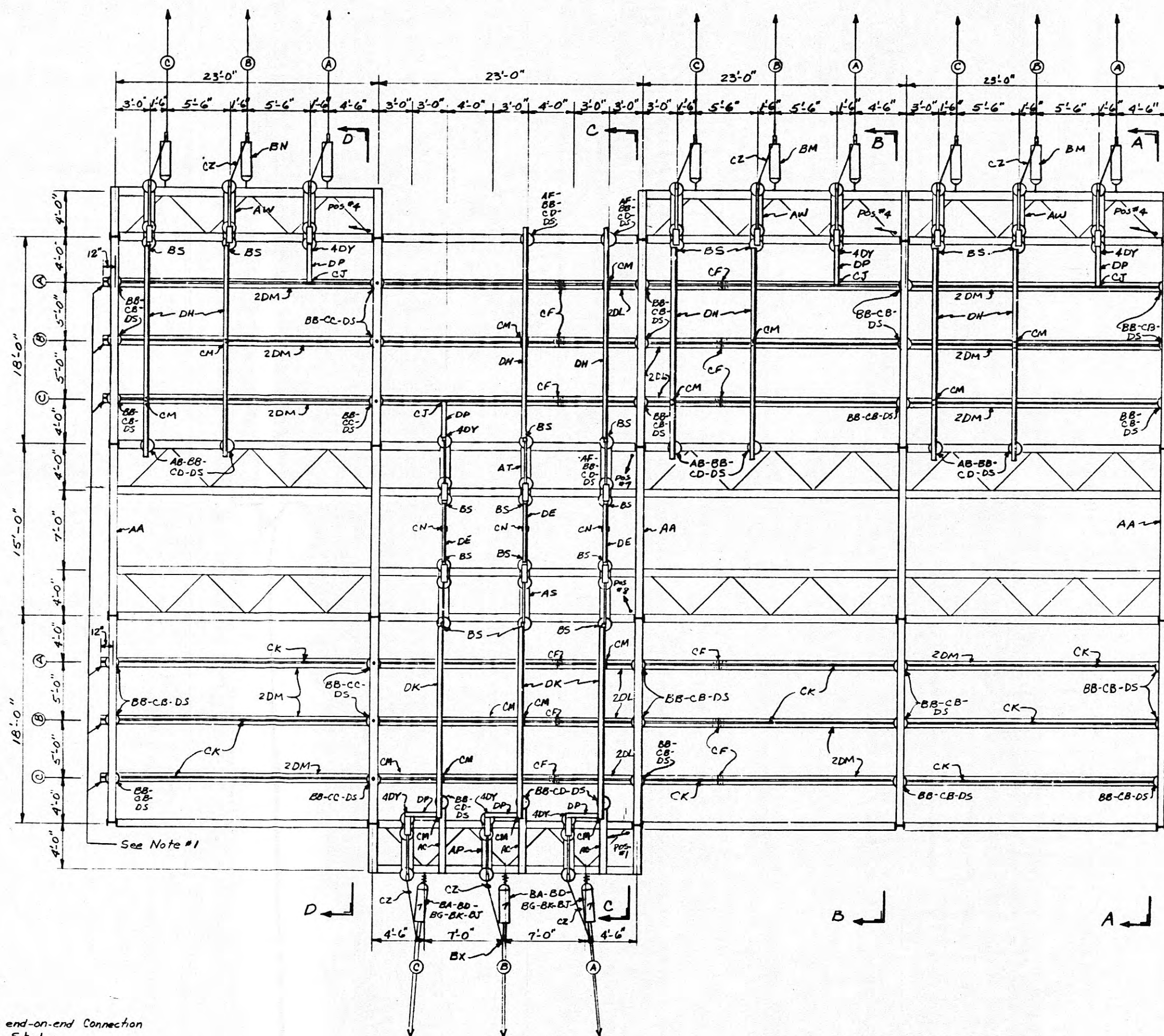
69 KV To Harriman Dist.
636 Mcm 24/7 ACSR

69 KV To Oliver Springs
636 Mcm 24/7 ACSR



69 KV Transfer Bus
2-3/4" X 3/4" X 1/4" Al Angles

69 KV Main Bus
2-3/4" X 3/4" X 1/4" Al Angles



See Note #1

Note #1
Drill for future end-on-end connection
per MC-36396, Sh. 1.

69 KV To 161-69-13 Power Transf. Bank
2-750 Mcm 5th. C/A Conductor
See LC-46518

TOP PLAN

REFERENCES:
Bill of Material — — — — — BMC-46523
General Arrangement Plan (Init) — — LC-46512
Foundation Plan — — — — — LC-46513
161-69-13 Kv Power Transf. Bank — — LC-46518

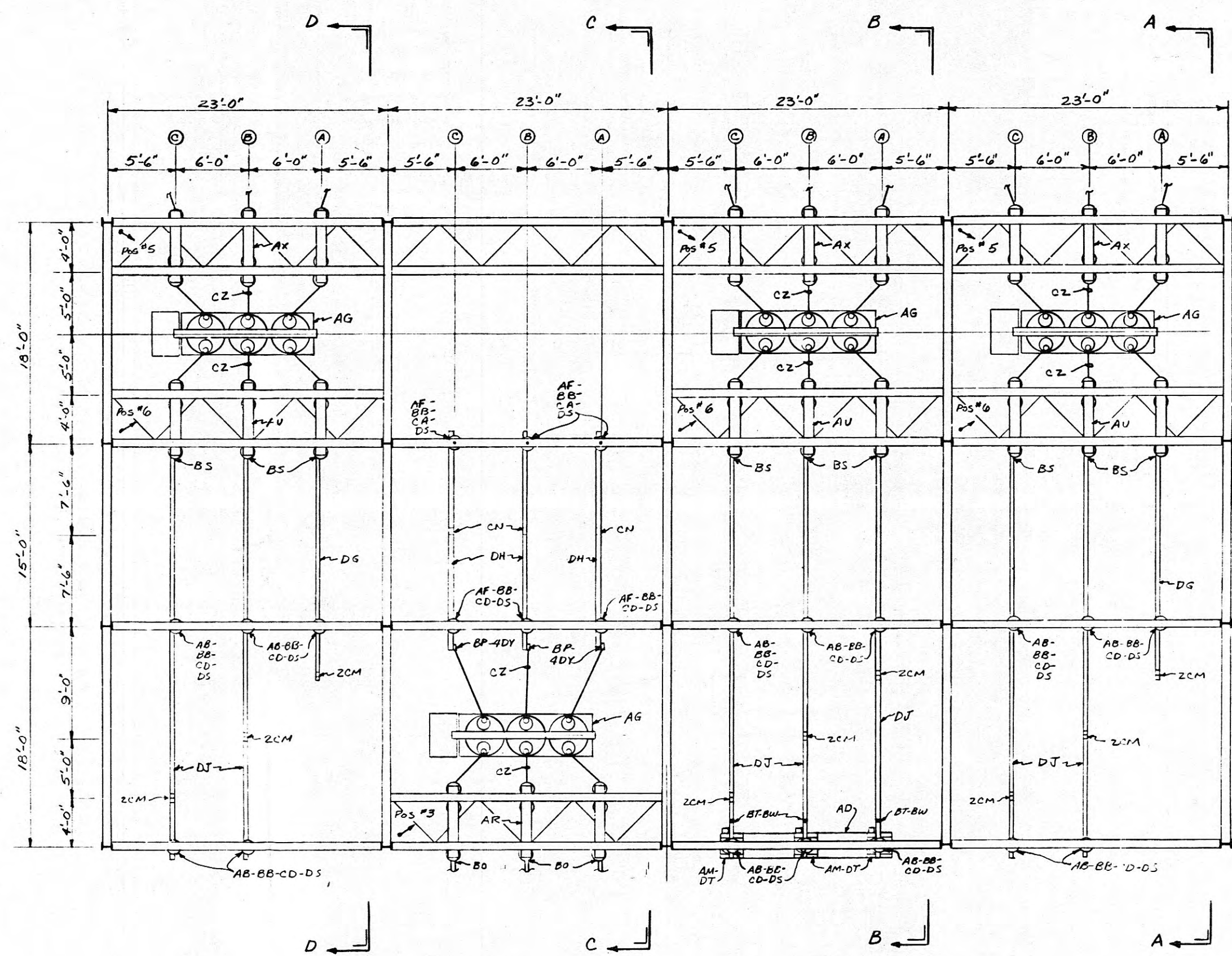
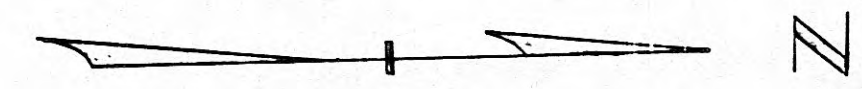
TENNESSEE VALLEY AUTHORITY
DIVISION OF POWER PLANNING AND ENGINEERING
HARRIMAN, TENN. SUBSTATION-161KV.
69 KV SWITCHGEAR
PLAN AND SECTIONS

REV.	DATE	BY	CHKD.	APPD.	DATE	BY	CHKD.	APPD.	DATE	BY	CHKD.	APPD.
1	7-2-66	BB	BB	W. G. 36361	7-2-66	BB	BB	W. G. 36361	7-2-66	BB	BB	W. G. 36361
2	7-2-66	BB	BB	W. G. 36361	7-2-66	BB	BB	W. G. 36361	7-2-66	BB	BB	W. G. 36361
3	7-2-66	BB	BB	W. G. 36361	7-2-66	BB	BB	W. G. 36361	7-2-66	BB	BB	W. G. 36361

MICROFILMED

079987

22597-37



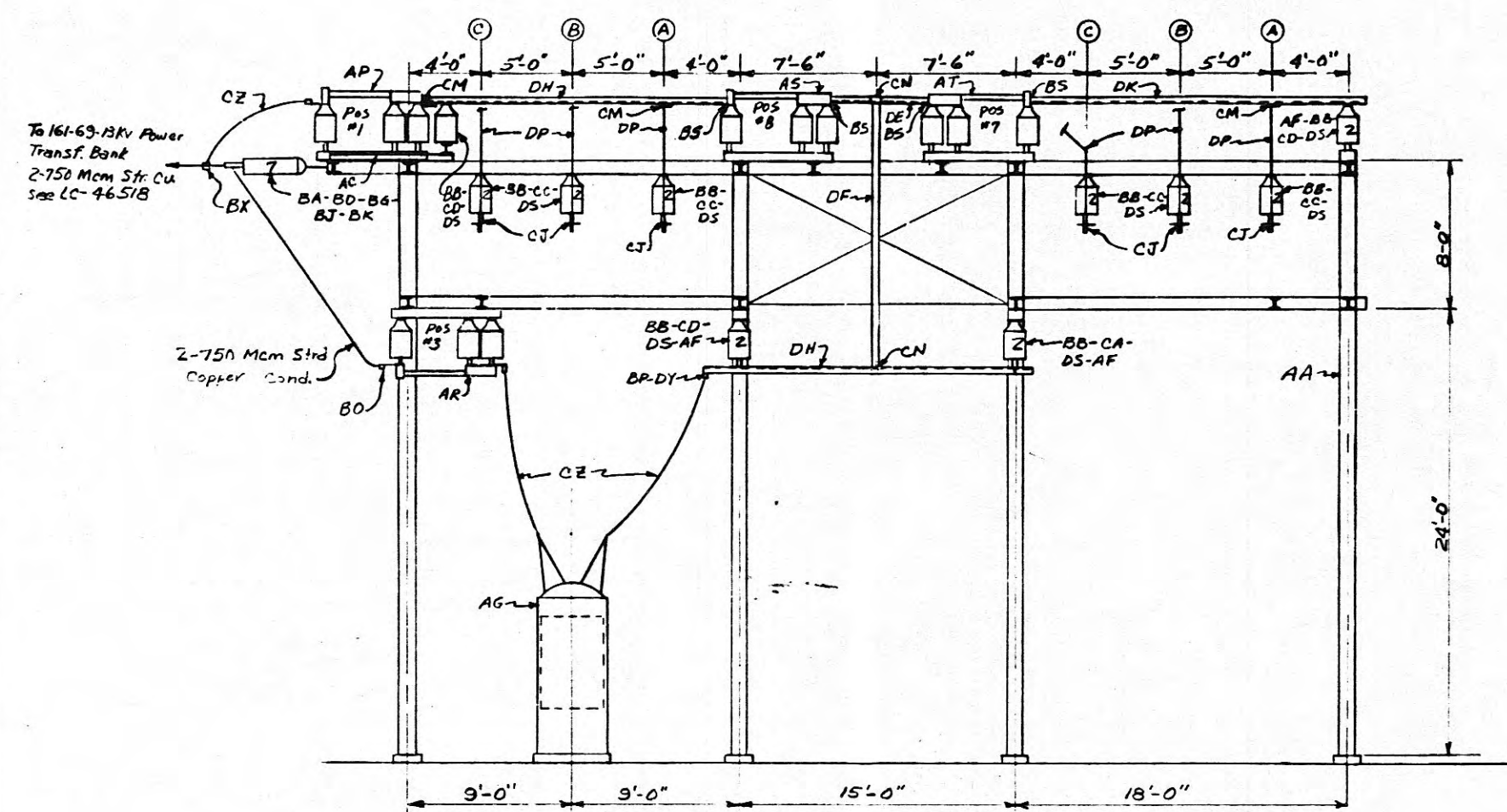
LOWER PLAN

REFERENCE
Bill of Materials — — — — — BMC-46522

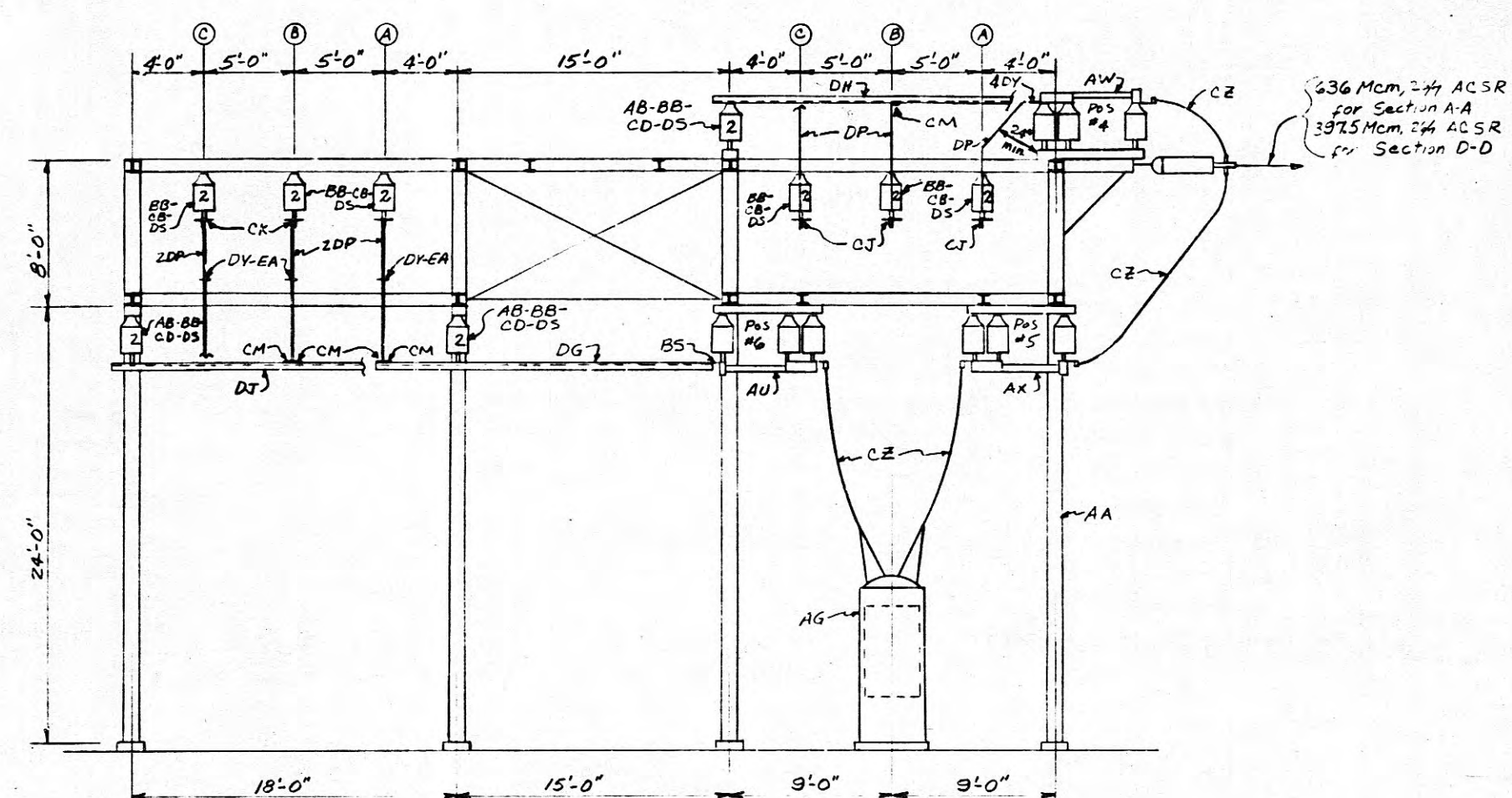
TENNESSEE VALLEY AUTHORITY									
DIVISION OF POWER PLANNING AND ENGINEERING									
HARRIMAN, TENN. SUBSTATION - 161 KV									
69 KV SWITCHGEAR									
PLAN AND SECTION									
DATE	DESIGN	CHECK	APPROVE	DATE	DESIGN	CHECK	APPROVE	DATE	DESIGN
7-21-66	B.B.	R.E.		7-21-66	B.B.	R.E.		7-21-66	B.B.
CLASS CODE				CLASS CODE				CLASS CODE	
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LC-46522-1				LC-46522-1				LC-46522-1	

079988

22594-07

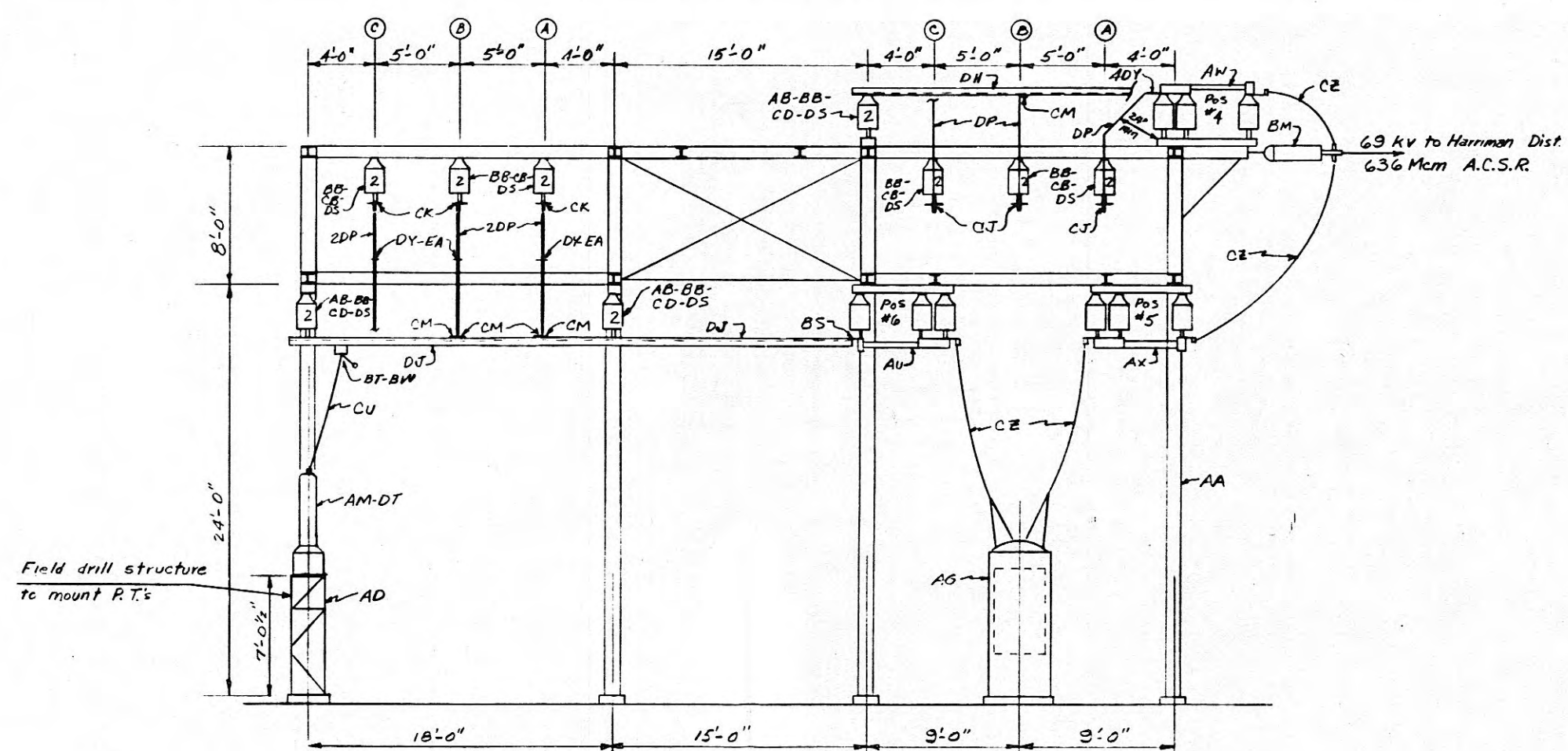


SECTION C-C



SECTION A-A
69 kv to Oliver Spring

SECTION D-D
69 kv to Melton Hill Tap



SECTION B-B

REFERENCE
Bill of Material — — — — BMC-4523

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

DATE <u>24 APR 66</u> TIME <u>1600</u> FROM <u>SEA</u> TO <u>SEA</u>										DATE <u>24 APR 66</u> TIME <u>1600</u> FROM <u>SEA</u> TO <u>SEA</u>									
NAME <u>BB</u> SURNAME <u>BB</u>										NAME <u>BB</u> SURNAME <u>BB</u>									
GRADE <u>APP</u>										GRADE <u>APP</u>									