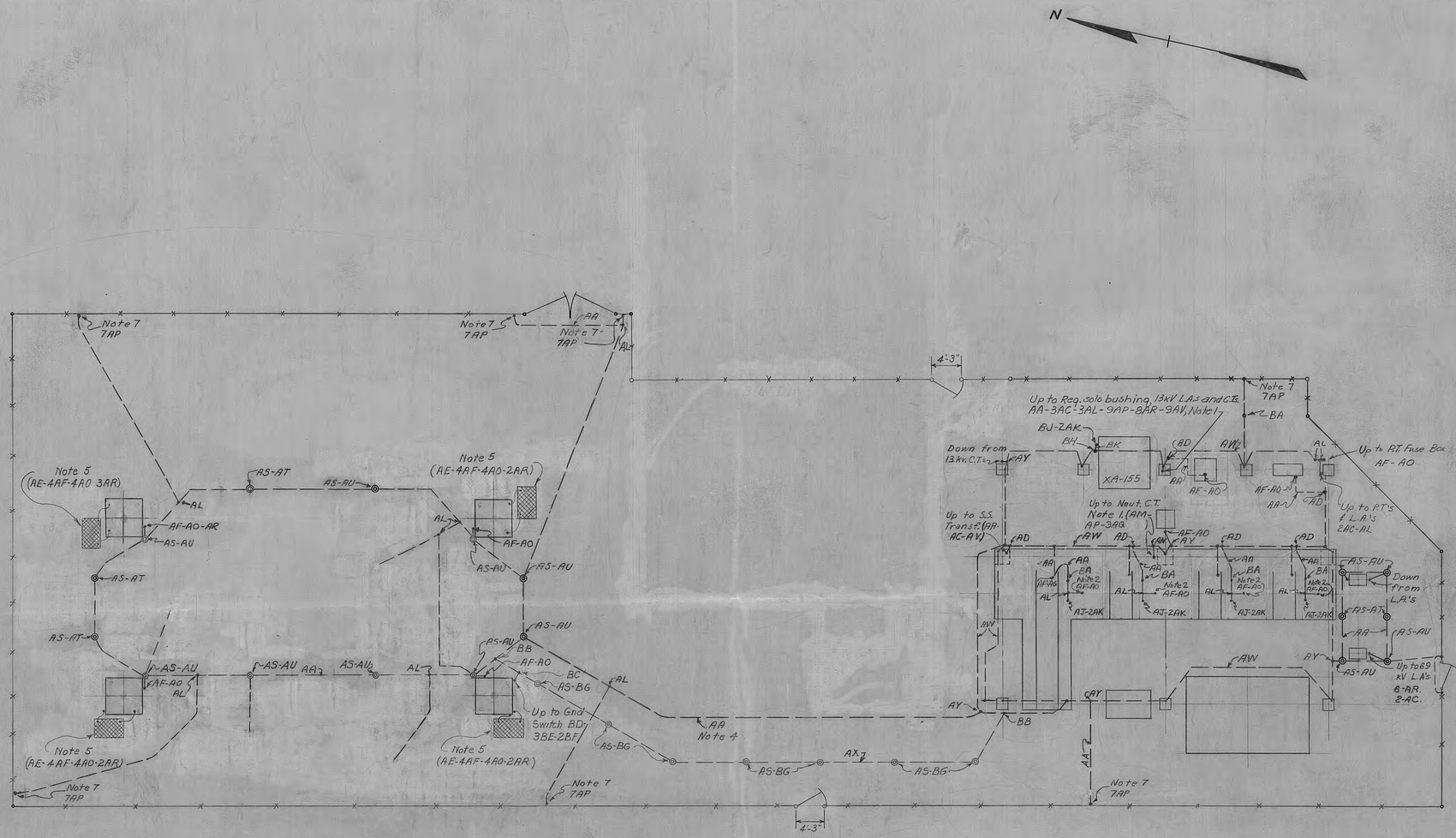
LC-15068



REVISION NOTES.
11. Revised grounding in 69 KV Yard added gnd. bus for increased fault current and gate.

NOTES:
1. For method of grounding P.T.'s and C.T. sec's. see Fig. 7, HC-16023.
2. For method of grounding B.I.C.T.'s see Fig. 8, HC-16023.
3. For arrangement of ground bus in 13 kV structure see conduit drawings.
4. Where possible place ground bus in same ditch with conduit and/or trenchlay cables, but on side of ditch so as to be easily accessible.
5. For method of connecting ground plates see Fig. 2, HC-16023.
6. For method of grounding 69 kV P.T.'s, see Fig 4, HC-16023 and 3-Line Diagram
7. For method of grounding fence see Fig. 5 HC-16023.

REFERENCES:

Bill of Material	BMC-15069
Conduit and Lighting Plan and Details	LC-19531
Foundation Plan	LC-15067
Fence Plan	HC-27858
General Arrangement Plan	LC-14924

Supersedes Grounding Part of T.E.P.Co. Dwg 16-C-43

35982	13	Fld. Chg. Completion of W.O.	11-6-74	RJS	UNIT
35644	12	Relocated Perice Grd., Added Grd. for 13kV Reg.	7/29/71	C D B	GFL
35262	11	See Rev. Note 11	5-13-69	MHJ	EEB
34620	10	See Rev. Note 10	5-23-67	CDB	ACK
34174	9	Field Changes	9-30-59	CKS	EBA
34174	8	Added Ground To Lt. Yd Sym. P.T.	7-14-58	HTF	EBA
	7	W.O. 45117 Fld Chgs	7-8-58	HTF	EBA
	6	W.O. 45117 Redrawn	21-52	RLJ	EBA
		See Rev. Note 6			
WORK ORDER		REVISION	DATE	SIG.	

TENNESSEE VALLEY AUTHORITY
DIVISION OF POWER ENGINEERING AND CONSTRUCTION

HARRIMAN, TENN. SUBSTATION-69 KV GROUNDING PLAN

SCALE: 1/8"=1'-0"	SUBMITTED	APPROVED	DATE 7/26/43
DRAWN RC	R. M. Walters	K. E. Hayford	SHEET 1 OF 1 SHEETS
TRACED PPP			LC-15068
CHECKED NR			

C310

R13

MICROFILMED 13