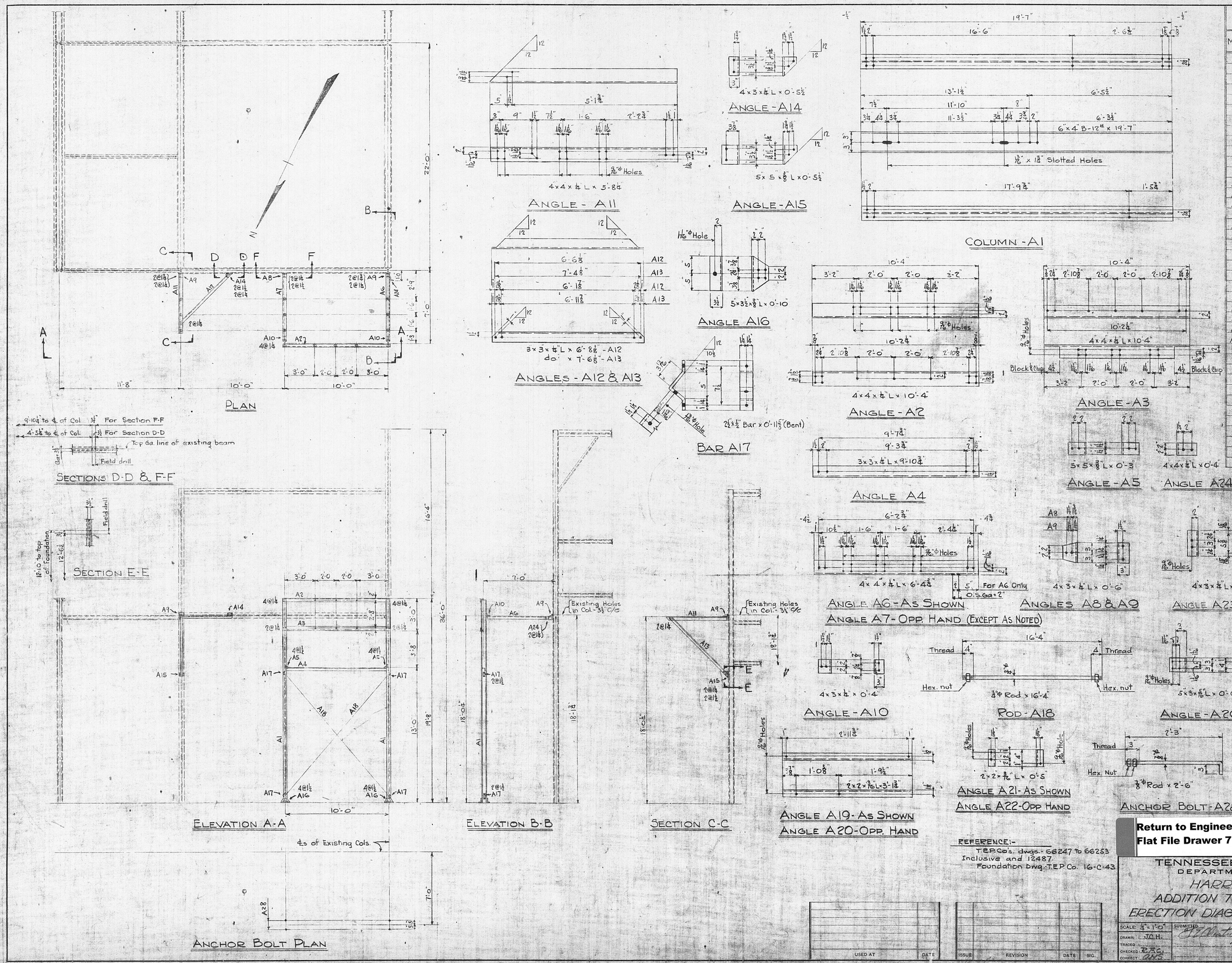

BILL OF MATERIAL

MARK	NO. REQ'D	DESCRIPTION	LENGTH FT.	LENGTH IN.	WT. EACH
A1	2	6×4"B-12#	19	7	242
A2	1	L-4×4×1/4"	10	4	70
A3	1	L-4×4"×1/4"	10	4	70
A4	1	L-3"×3"×1/4"	9	10 3/4	50
A5	2	L-5"×5"×3/8"	0	3	3
A6	1	L-4"×4"×1/4"	6	4 3/4	44
A7	1	do.	6	4 3/4	44
A8	1	L-4×3×1/4"	0	6	3
A9	2	do.	0	6	3
A10	2	do.	0	4	2
A11	1	L-4×4×1/4"	5	8 1/4	39
A12	1	L-3×3×1/4"	6	8 1/4	34
A13	1	do.	7	6 1/8	38
A14	1	L-4×3×1/4"	0	5 1/2	3
A15	1	L-5×5×3/8	0	5 1/2	6
A16	4	L-5×3 1/2×3/8	0	10	9
A17	4	Bars-2 1/2×1/2 (Bent)	0	11 1/8	4
A18	2	Rods-3/4"φ with 2" Hex nuts	16	4	25
A19	1	L-2×2×3/16	3	1 1/2	8
A20	1	do.	3	1 1/2	8
A21	2	do.	0	5	1
A22	2	do.	0	5	1
A23	3	L-4×3×1/4"	0	7 1/2	4
A24	1	L-4×4×1/4"	0	4	2
A25	3	L-3×3×1/4"	0	5	2
A26	6	L-5×3×5/16"	0	6	4
A27	6	L-3×2 1/2×1/4"	0	6	2
A28	4	3/4"φ Anch. bolt, with 2" Hex. nuts	2	6	6
	5	1/2"φ Bolts-Sq. hd., Hex. nut	0	1	0.13
	15	do.	0	1 1/4	0.15
	4	do.	0	1 3/4	0.18
	40	5/8"φ Bolts, Sq. hd., Hex. nut	0	1 1/4	0.27
	42	do.	0	1 1/2	0.27
	5	do.	0	1 3/4	0.31

Total Weight = 1155#

NOTE:-
1/16"φ Holes unless otherwise noted.
All material to be hot-dip galvanized after fabrication.
Piece marks to be die-stamped before galvanizing.
For erection of piece marks A19 to A23 Incl. and A25 to A27 Incl. see dwg. T.E.P.Co. 16-C-45 & 16-C-46.

REFERENCE:-
T.E.P.Co's. dwgs.- 66247 to 66253 Inclusive and 12487.
Foundation Dwg. T.E.P.Co. 16-C-43.

USED AT	DATE

ISSUE	REVISION	DATE	SIG.

Return to Engineering
Flat File Drawer 7

TENNESSEE VALLEY AUTHORITY
DEPARTMENT OF OPERATIONS
HARRIMAN SUBSTATION
ADDITION TO 66KV. BUS STRUCTURE
ERECTION DIAGRAM & STRUCTURAL DETAILS

SCALE: 1/4" = 1'-0"
DRAWN: L.J.O.H.
TRACED:
CHECKED: R.T.C.
CORRECT: R.H.S.
SUBMITTED: J. J. Neale
APPROVED: 1-19-40 A. F. Hardwick
MANAGER
DATE 8-1-40
SHEET 1 OF 1 SHEETS
LC-8641