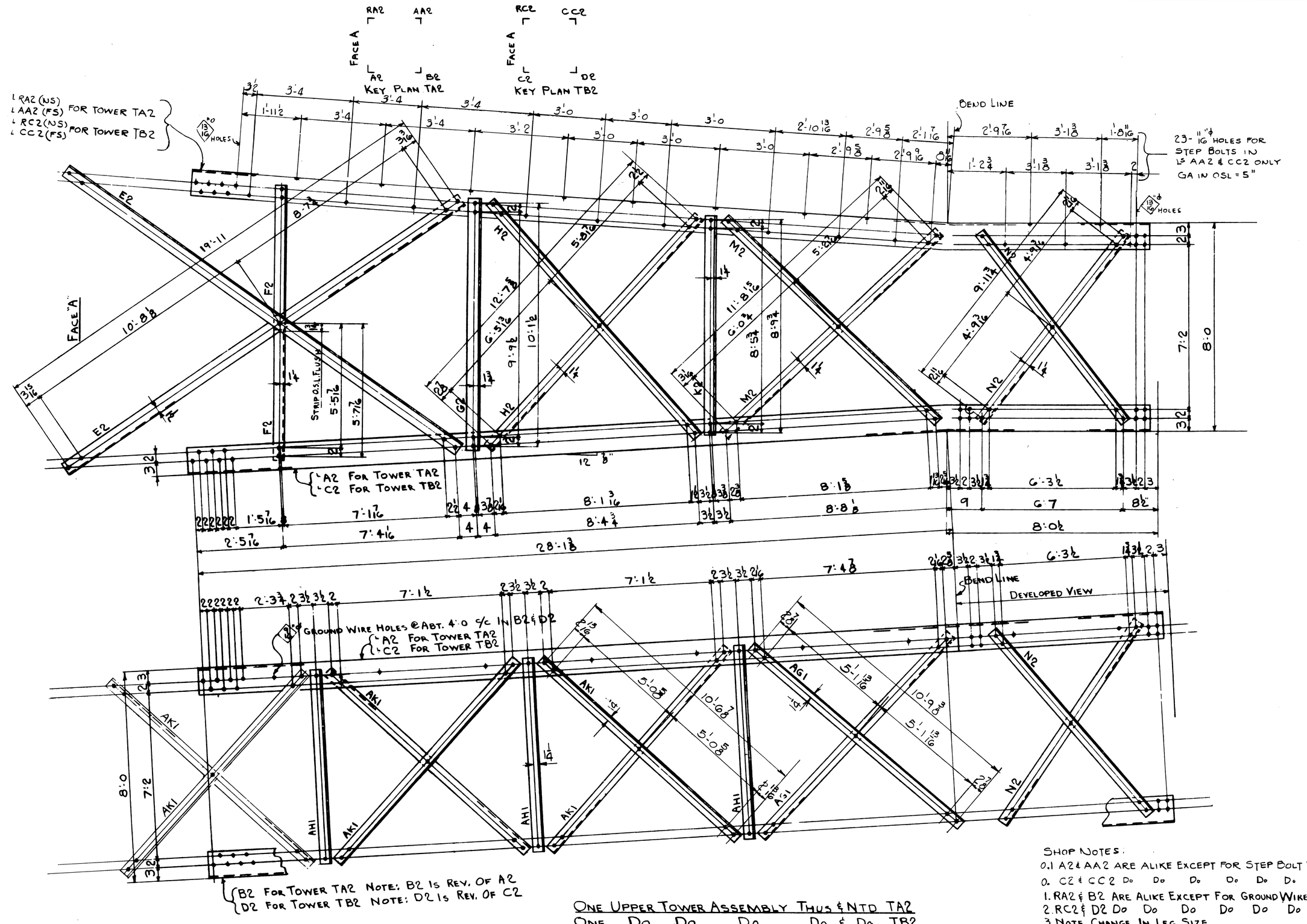
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:—				
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS: FRACTIONS	DECIMALS	ANGLES
	✓	±	±	±



ONE UPPER TOWER ASSEMBLY THUS & NTD TA2
ONE Do Do Do Do & Do TB2

SHOP NOTES:
0.1 A2 & AA2 ARE ALIKE EXCEPT FOR STEP BOLT HOLES
0. C2 & CC2 Do Do Do Do Do Do Do
1. RA2 & B2 ARE ALIKE EXCEPT FOR GROUND WIRE HOLES
2. RC2 & D2 Do Do Do Do Do Do Do
3. NOTE CHANGE IN LEG SIZE
4. OPPOSITE FACES ARE ALIKE EXCEPT FOR GROUND WIRE HOLES
5. OPEN HOLES 13/16 ϕ U.N.
6. 1½" EDGE DISTANCE U.N.
7. GALVANIZE ALL STEEL
8. SHIP KNOCKED DOWN

MATERIAL BILLED FOR ONE TA2
Do Do Do Do TB2

BOLT LENGTH	1½	1¾	2
MAX. GRIP	½	¾	1

NO. PCS. TA2	NO. PCS. TB2	MATERIAL	LENGTH Ft.	LENGTH In.	MARK	REMARKS	WT
1		L 6x6x⅜	36	3	A2	BENT	
1		L Do	36	3	RA2		
1		L Do	36	3	B2		
	1	L 6x6x13/16	36	3	C2		
	1	L Do	36	3	RC2		
	1	L Do	36	3	D2		
4	4	L 3x3x¼	20	1¼	E2		
4	4	L 2½x2½x5/16	5	9⅞	F2		
2	2	L 3½x3½x¼	10	3¾	G2		
4	4	L 2½x2½x¼	12	9⅞	H2		
2	2	L Do	9	0	K2		
4	4	L Do	11	11⅝	M2		
8	8	L Do	10	2	N2		
4	4	L 2½x2½x7/16	10	11⅝	AG1		
6	6	L Do	7	10¼	AH1		
12	12	L Do	10	9⅞	AK1		
	1	L 6x6x5/16	36	3	CC2		
1		L 6x6x⅜	36	3	AA2		

GALV. A.M. BOLTS WITH GALV. NUTS				
20	95	¾ϕ BOLT	0	1½
150	75	Do	0	1¾
3	3	Do	0	2
173	173	PALNUTS ¾ϕ		GALV

FOR BOLTS OMITTED AT KNEE BRACE PANEL POINT SEE S11

S8	ERECTION DWG
S9	LOWER ASSEMBLY
REFERENCE DRAWINGS	

NOTES:
1) THIS DRAWING IS REPRODUCED FROM G.E. DWG. 232D208AC. DATED 4-8-54

3) FOR STRUCTURE SUMMARY SEE DWG. E157.10 (25)

UNCLASSIFIED/NOT UCNI
Charles Crabtree ADC 4148
Review Date: 6/6 /2000

APPROVED FOR RELEASE
M. Earnhardt Date: 7/8/08

REV. NO.	ISSUE PURPOSE	C.A.I.	OPERATOR	ERDA APPROVED-INITIALS & DATE
0	DRAWING WAS CA-CS-X533-7, REVISION "0" AS BUILT SC 363			
0	CERTIFIED FOR CONSTRUCTION SUBCONTRACT 363		3-27-75	3-27-75 3-27-75
B	APPROVED TITLE II		3-27-75	C.W.R. 3-6-75 J.T.M. 3-6-75
A	TITLE II APPROVAL		2-7-75	

UNITED STATES ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION

COMMONWEALTH ASSOCIATES INC.
209 E. WASHINGTON AVE., JACKSON, MICH.

DRAWING TITLE
X533 STEEL DETAILS
UPPER TOWER ASSY'S. TA2 & TB2

APPROVED-DATE	APPROVED-DATE	APPROVED-DATE
J.J. OWENS 2-7-75 C.A.I.	C.W. ROBINSON 3-3-75 OPERATOR	J.T. MILLOWAY 3-6-75 E.R.D.A.

DRAWN	DATE	CHECKED	DATE	SCALE
R.A. GARDNER	1/28/75	B.J. Van Horn	1.31.75	NONE
	DATE	P.E.	DATE	
William Cadwell PE	1-31-75	M. J. Richens PE	2-7-75	

PROJECT	DRAWING NO.	REV. NO.
CUP-USU	X533-S10	0

BRUNING 44-132 24198