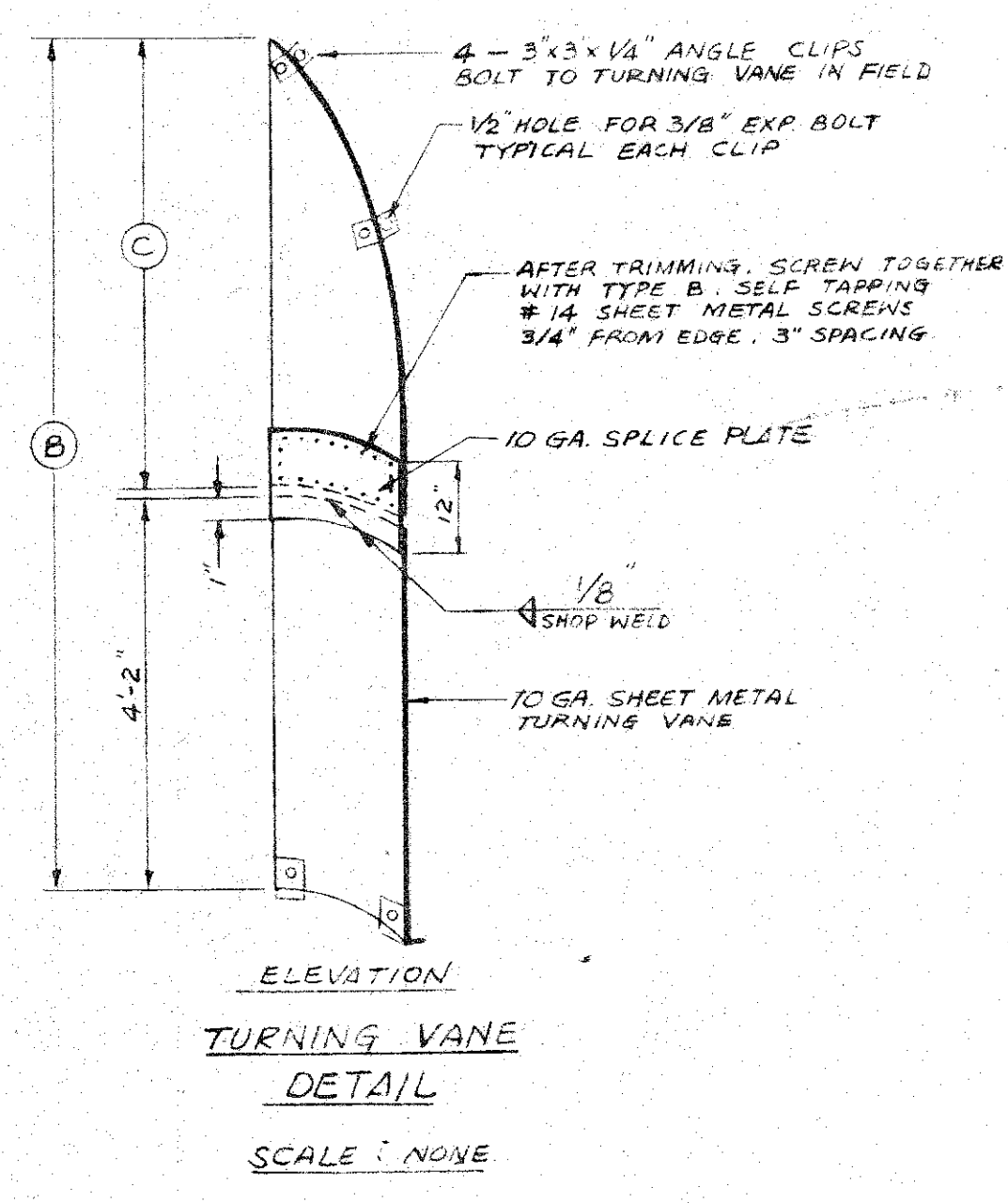
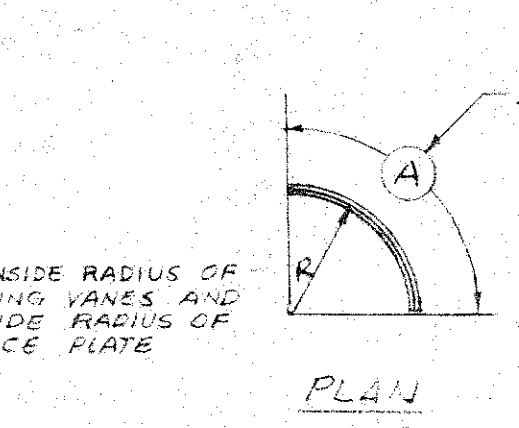
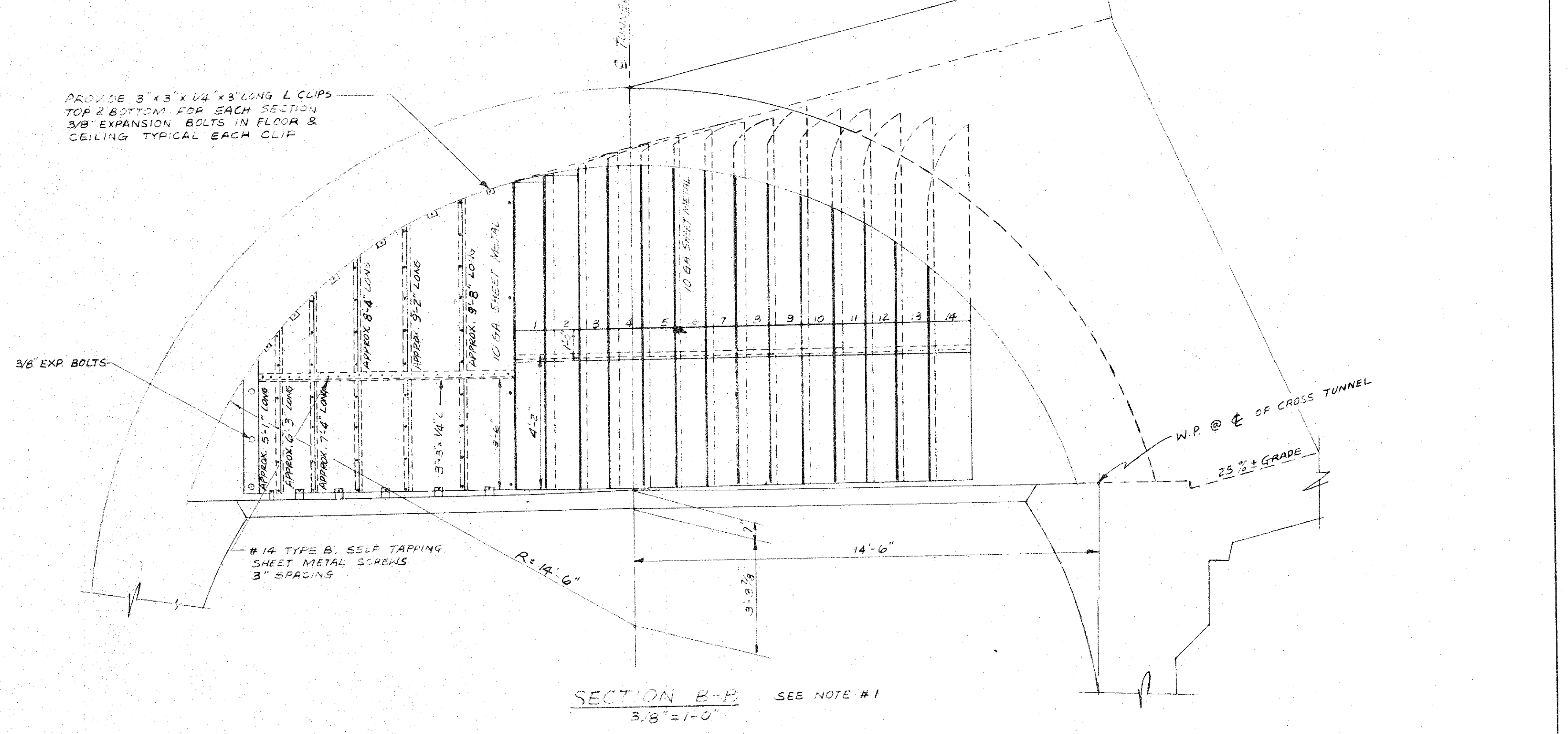
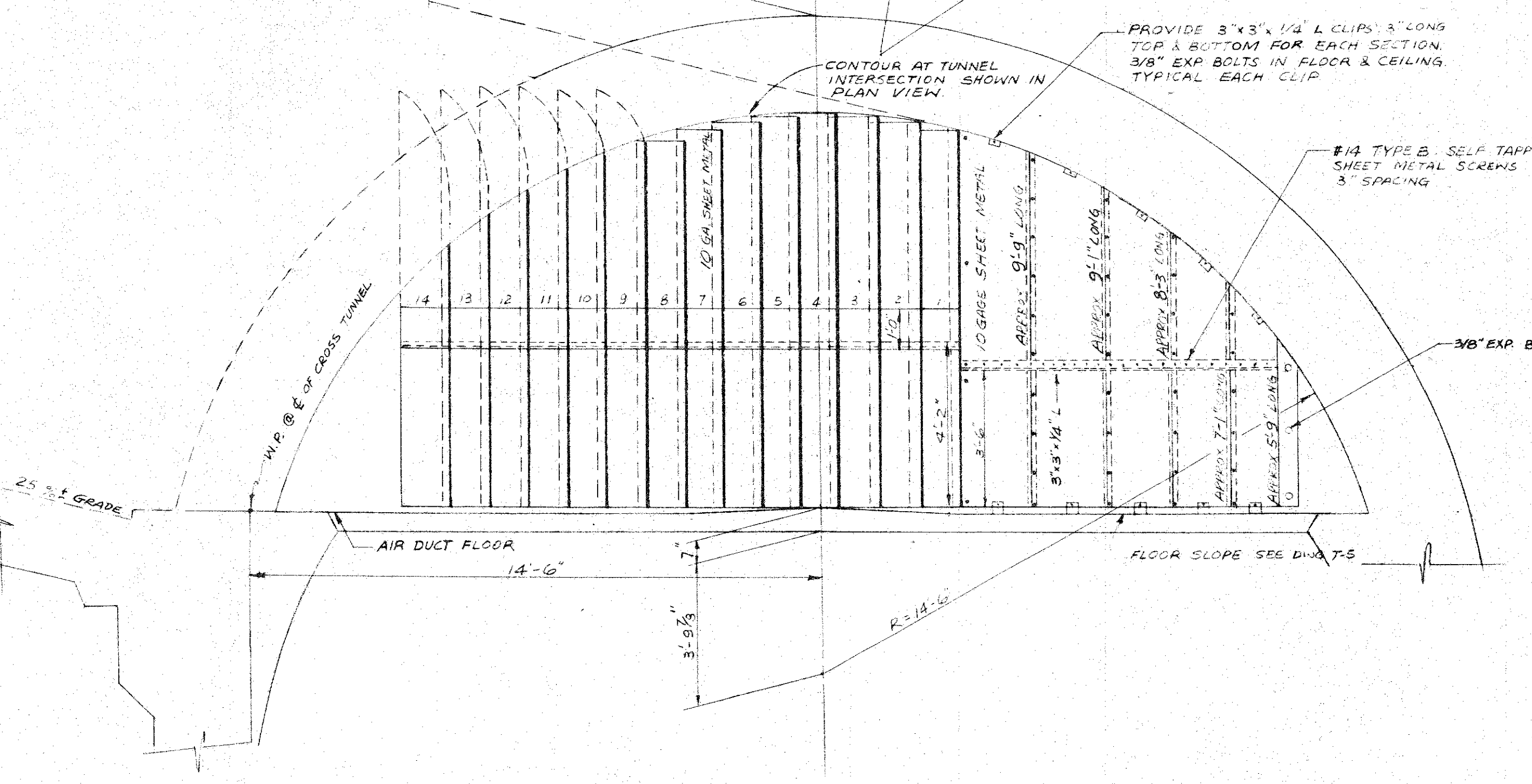
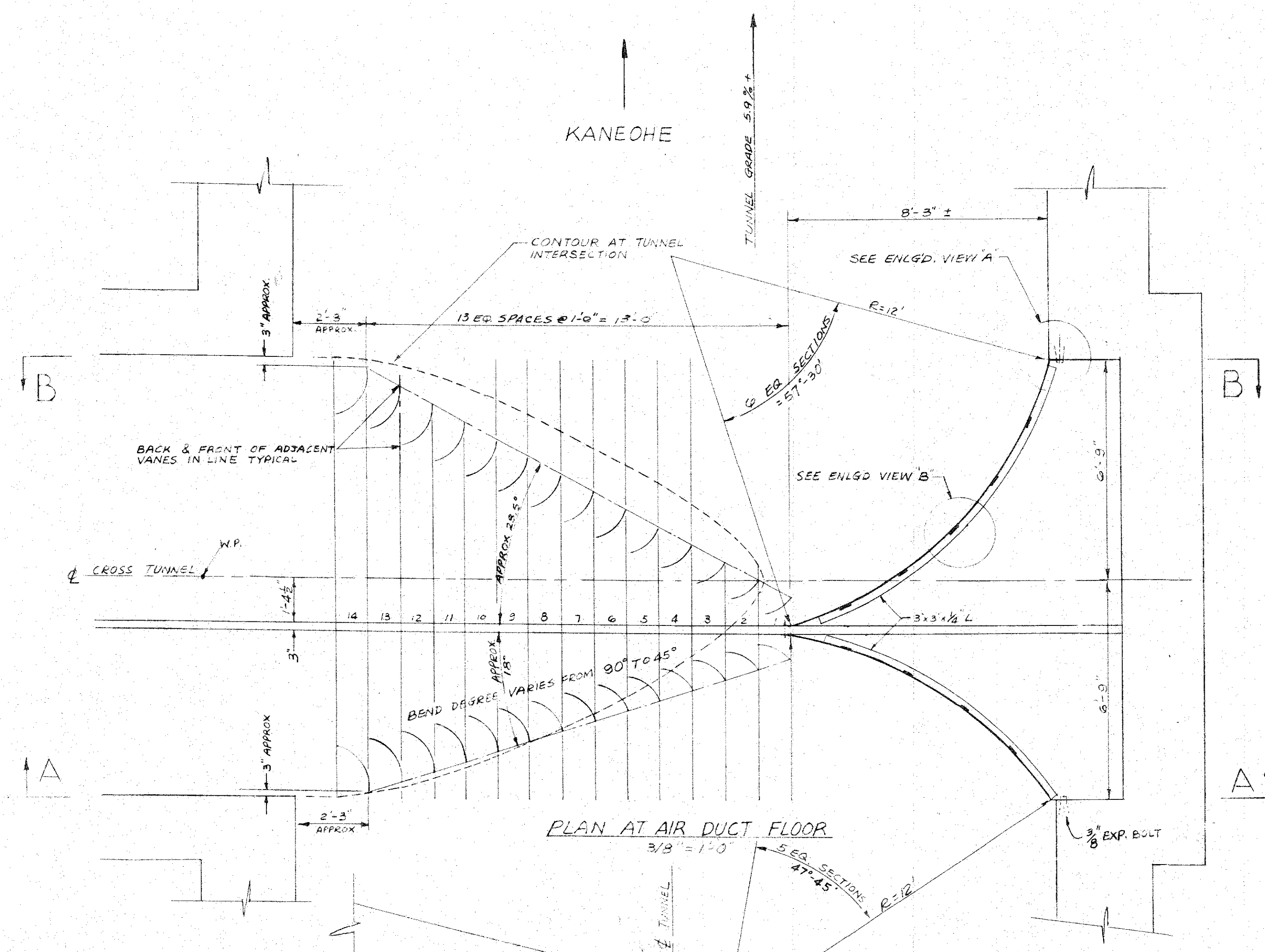
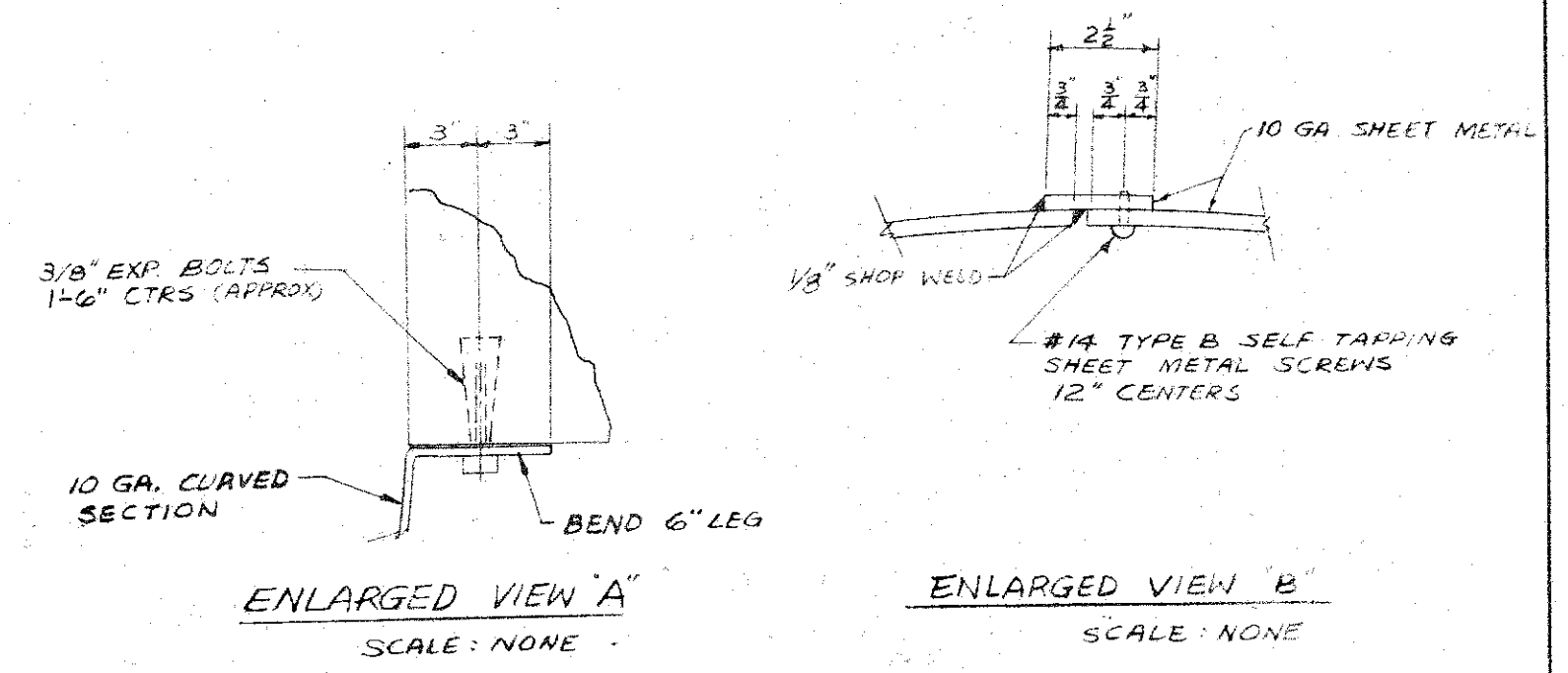




VANE NO.	IN	LENGTH			
		(B) KALIHI	(B) KANEHOE	(C) KALIHI	(C) KANEHOE
1	45	9'-8"	9'-8"	5'-4"	5'-4"
2	48	9'-11"	9'-11"	5'-7"	5'-7"
3	52	10'-0"	10'-7"	5'-8"	6'-3"
4	55.5	10'-2"	10'-10"	5'-10"	6'-6"
5	59	10'-7"	11'-1"	5'-9"	6'-9"
6	62.5	9'-11"	11'-3"	5'-7"	6'-11"
7	65.5	9'-8"	11'-6"	5'-4"	7'-2"
8	69	9'-4"	11'-7"	5'-0"	7'-3"
9	72.5	10'-9"	11'-11"	6'-5"	7'-7"
10	76	10'-9"	11'-9"	6'-5"	7'-5"
11	79.5	10'-9"	11'-9"	6'-5"	7'-5"
12	83	10'-9"	11'-7"	6'-5"	7'-3"
13	86.5	10'-8"	11'-5"	6'-4"	7'-1"
14	90	10'-8"	11'-3"	6'-4"	6'-11"

NOTES:
* APPROXIMATE DIMENSION, END OF TURNING VANES TO BE MEASURED AND FIT IN FIELD.
4-3"x3"x1/4" L CLIPS PROVIDE TO EACH TURNING VANE. FIT & FASTEN IN FIELD.



NOTES:
1. SECTIONS A-A & B-B SHOWN PERPENDICULAR TO FLOOR.
2. ALL EXPANSION BOLTS FOR SECURING TURNING VANES TO BE LOCATED IN FIELD.

REFERENCE DWGS. T-12 & T-13. CROSS TUNNEL LAYOUT, SECTIONS & DETAILS

DE LEUW, CATHAR & COMPANY
ENGINEERS
CHICAGO ILLINOIS

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU
BUREAU OF PLANS

WILSON TUNNEL 2nd BORE
TURNING VANES
PLAN & DETAILS

ENGINEER W.D. DATE Aug 16, 1957
DRAFTSMAN W.D. CHECKED BY W.D.
SCALE AS NOTED TRACER W.D.
APPROVED: W.D. APPROVED: W.D.
CHIEF ENGINEER BUREAU ENGINEER

W. BY	PROFILE	C.B.
C.R. SEC.	F.B.	S.B.
W.M. BY	F.W. BY	S.B.Y.

JOB NO. 13-57 DWG. NO. M-4