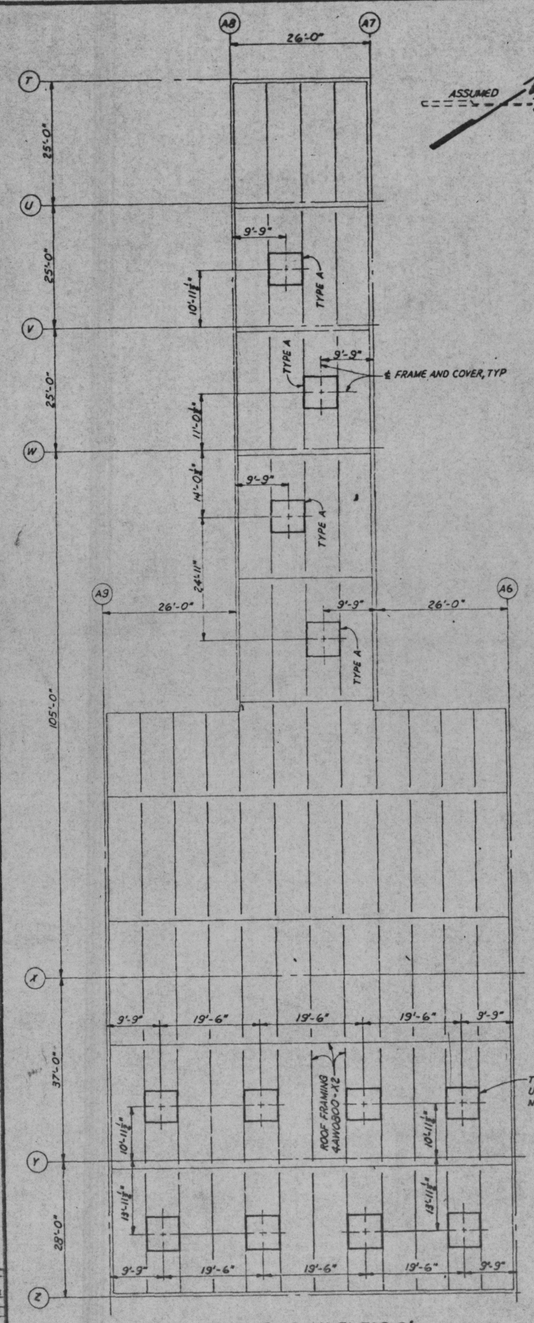
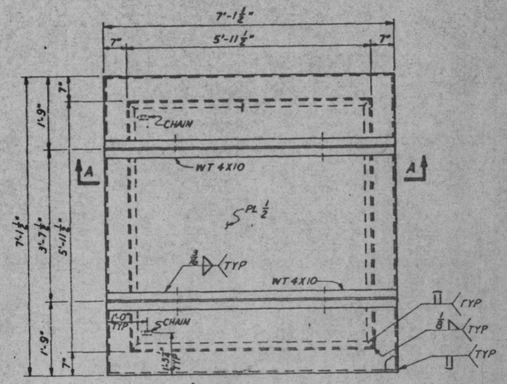
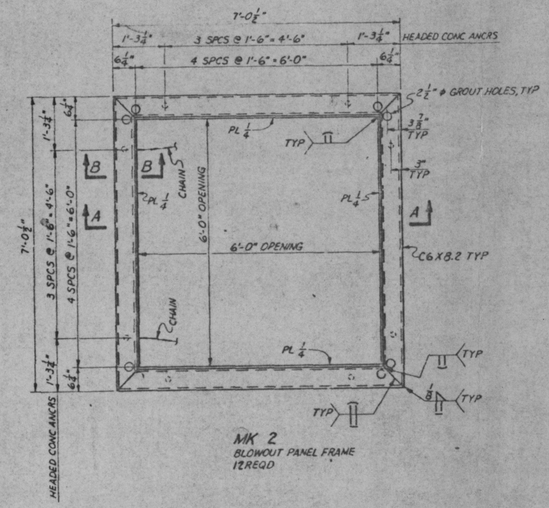


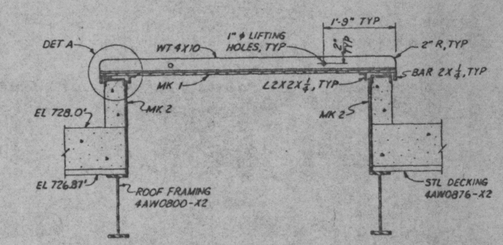
PART PLAN EL 728.0'
NTS



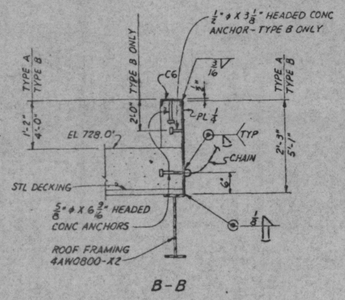
MK 1
BLOWOUT PANEL COVER
12 REQD



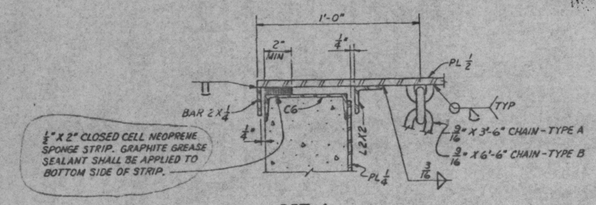
MK 2
BLOWOUT PANEL FRAME
12 REQD



A-A



B-B



DET A
3" = 1'-0"

NOTES:

1. THE AUXILIARY BUILDING IS A CATEGORY I STRUCTURE.
2. QUALITY ASSURANCE FOR ALL TVA FIELD FURNISHED MATERIAL ON THIS DRAWING REQUIRES QUALITY LEVEL II CERTIFICATION EXCEPT THE NEOPRENE SPONGE STRIP & CHAIN, WHICH REQUIRE QUALITY LEVEL III CERTIFICATION.
3. PANELS ARE DESIGNED TO UPLIFT UNDER 36 PSF ± 10% UPWARD PRESSURE. EXTREME CARE SHOULD BE TAKEN TO INSURE CLEARANCE BETWEEN FRAMES & COVERS SO THAT NO BINDING OCCURS AND TO MAKE COVERS AIRTIGHT. WEIGHT OF ASSEMBLED COVER TO BE 1300# WITH A TOLERANCE OF ±10%.
4. ALL MATERIAL AND FABRICATION BY TVA FIELD.
5. ALL PLATES AND SHAPES SHALL BE ASTM A36.
6. ALL HEADED CONCRETE ANCHORS TO BE NELSON STUDS OR EQUAL.
7. ALL WELDING ELECTRODES SHALL BE AWS A5.1, E70 SERIES OR EQUIVALENT FOR OTHER PROCESSES.
8. ALL FIELD WELDING SHALL BE PERFORMED AND VISUALLY INSPECTED IN ACCORDANCE WITH TVA CONSTRUCTION SPECIFICATION G-29C.
9. ALL STUD WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODE D1.1-74, SECTION 4, PART II WITH INSPECTION IN CONFORMANCE WITH SECTION 4.30 UNLESS OTHERWISE NOTED.
10. TVA FIELD MAY SPLICE PIECES OF ½" PLATE TOGETHER IF NECESSARY TO FABRICATE THE REQUIRED SIZE COVER. SPLICE WELD SHALL BE COMPLETE PENETRATION SINGLE VEE GROOVE (B-L2 AS PER AISC).
11. ALL MARK NUMBERS TO BE PREFIXED 4AW0880-X2.

SCALE ¾" = 1'-0" EXCEPT AS NOTED

PRC APERTURE CARD

Docket # 50-439/439
Control # 8209010349
Date 8/25/82 of Document
REGULATORY DOCKET FILE

REV	ECN NO.	DATE	DSGN	DRWN	CHKD	SUPV	CHKD	SUPV	REVIEW	ACCEP	APPR
1	S1	3-3-80	DLO	DLO	LRM	RDH	RDH				
REV PER TCR 0-1936											

DESIGN D.L. OSBORNE
DWN D.L. OSBORNE
CHKD R.D. SHINN
SUPV L.R. MADISON
INSP
ENGINEER R.D. Henderson 2-2-77

AUXILIARY BUILDING
UNITS 1 & 2

MISCELLANEOUS STEEL
BLOWOUT PANELS & FRAMES
EL 728.0'

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN
Q

SUBMITTED	RECOMMENDED	APPROVED
R.D. Henderson	Chief of Section	R.M. Hollaway

KNOXVILLE 2-4-77 | 88 | S | 4AW0880-X2-4 R1

RECORD DRAWING AS CONSTRUCTED

PRINTS REQD-# OR W/ PROJ

	DWG F	DWG H	SIZE
BE			
EE			
CE			
AD			
CD			
ED			
MD			
SF			
SW			
DL			
PA			

8209010349