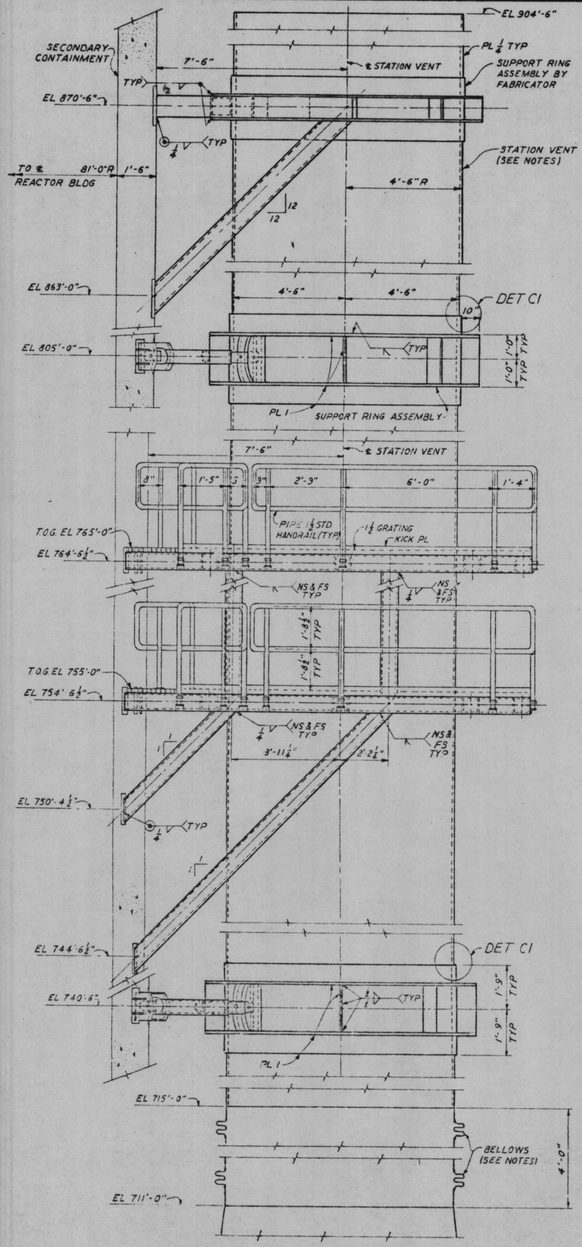
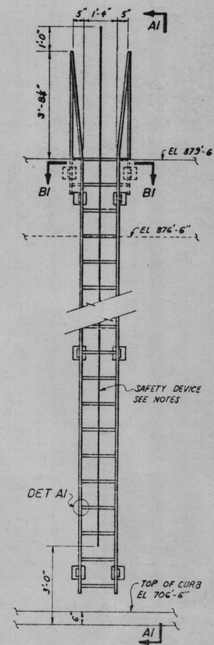
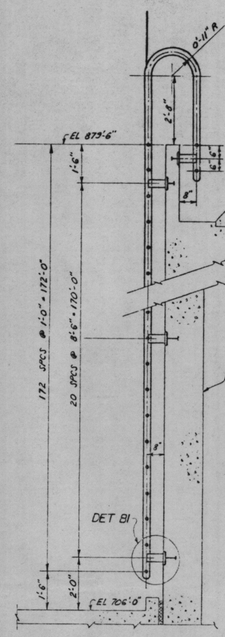


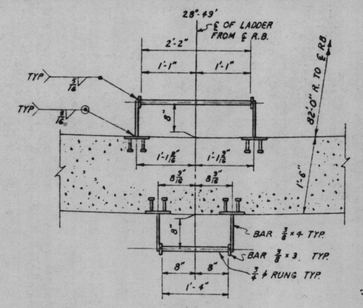
ELEVATION



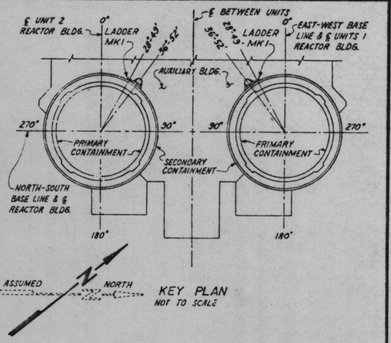
ELEVATION
LADDER MK1

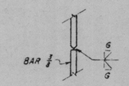


SECTION A1-A1

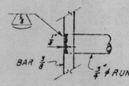


B1-B1
SCALE: 1"=1'-0"

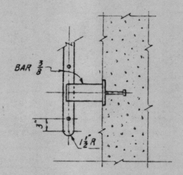




TYP RAIL SPLICE
SCALE: 3"=1'-0"



DETAIL A1
SCALE: 6"=1'-0"

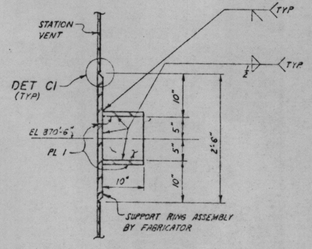


DETAIL B1

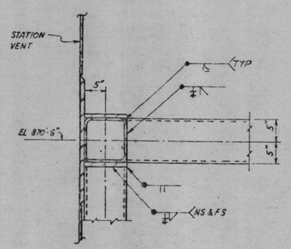
NOTES:

1. THE REACTOR BUILDING IS A CATEGORY I STRUCTURE.
2. ALL MATERIAL AND FABRICATION BY TVA FIELD, EXCEPT GRATING, STATION VENT, STATION VENT SUPPORT RING ASSEMBLIES AND BELLOWS
3. ALL STRUCTURAL MATERIAL TO BE ASTM A36, EXCEPT AS NOTED.
4. MATERIAL FURNISHED BY TVA FIELD SHALL CONFORM TO QUALITY LEVEL II AS DEFINED BY DEC-QCP-2.2 REVISION 0 FOR BELLEFONTE NUCLEAR PLANT.
5. FOR EMBEDDED PLATES SEE DRAWING 4AW0818-X2
6. ALL MARK NUMBERS SHALL HAVE THE PREFIX ARW0475-X2.
7. ALL WELDS SHALL BE MADE WITH AWS AS 1 E70 ELECTRODES OR EQUIVALENT FOR OTHER PROCESSES.
8. FIELD WELDS SHALL BE MADE AND VISUALLY INSPECTED IN ACCORDANCE WITH G29C. CIRCUMFERENTIAL WELDS ON STATION VENT SHALL BE MADE, VISUAL AND VACUUM BOX INSPECTED IN ACCORDANCE WITH G29M.
9. MATERIAL QUANTITIES SHOWN ARE FOR ONE UNIT; TWO UNITS REQUIRED
10. ALL HANDRAIL TO BE 1-1/2" ϕ PIPE, ASTM-A120 OR ASTM-A36
11. HANDRAILS SHOWN ON PLANS THUS ——o——
12. GRATING TO COMPLY WITH MANUFACTURER'S STANDARD SPECIFICATION. QUALITY ASSURANCE FOR ALL OTHER MATERIAL REQUIRES ONLY CERTIFICATION THAT IT CONFORMS TO THE APPROPRIATE ASTM SPECIFICATION.
13. DIRECTION OF GRATING SPAN INDICATED ON PLANS THUS ⟨9⟩
14. CLIPS TO BE PROVIDED TO ATTACH GRATING TO SUPPORT STEEL.
15. GRATING LOAD BARS TO BE 1-1/2" x 3/16" @ 1-3/16" O.C.
16. ALL END BANDING BARS ON GRATING SHALL BE WELDED CONTINUOUSLY EVERY FOURTH LOAD BAR. ALL OTHER LOAD BARS SHALL BE CUT SQUARE, WITH ENOUGH SPACE TO ALLOW FULL GALVANIZING.
17. ALL GRATING TO BE GALVANIZED IN ACCORDANCE WITH ASTM SPECIFICATION A-123.
18. SAFETY DEVICE SHALL CONSIST OF A CARRIER RAIL COMPLETE WITH ACCESSORIES FOR INSTALLATION PLUS TWO SETS OF SAFETY SLEEVES AND SAFETY BELTS, AND SHALL INCLUDE A SAF-T-MOUNT SECTION AT EACH PLATFORM LEVEL, ALL AS MANUFACTURED BY NORTON COMPANY P.O. BOX 7500 TORRITOS, CALIFORNIA 90701 OR APPROVED EQUAL.

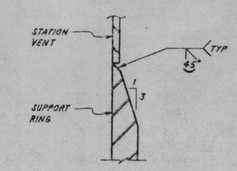
FOR CONTINUATION OF NOTES SEE 4RW0475-X2-02.



C1-C1



D1-D1 (AS SHOWN)
E1-E1 (OPP HAND)



DETAIL C1
(TYP WELD DET)

Docket # 50-438/439
Control # 8209080002
Date 8/23/82 of Document
REGULATORY DOCKET FILE

PRC APERTURE CARD

SCALE: ⅛"=1'-0" EXCEPT AS NOTED

NO	DATE	DESCRIPTION	CHKD	SUPV
1	10-22-81	REV NOTE 8 PER FCR W-139.		

DESIGN — INSP —
DRAWN — ENGINEER —
CHKD
SUPV

REACTOR BUILDING
UNITS 1 & 2

MISCELLANEOUS STEEL STATION VENT SUPPORTS & SEC DOME ACCESS LADDER

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

Q

SUBMITTED	RECOMMENDED	APPROVED

KNOXVILLE 2-1-77 | 88 | 3 | 4RW0475-X2-01A1

RECORD DRAWING AS CONSTRUCTED

8209080046