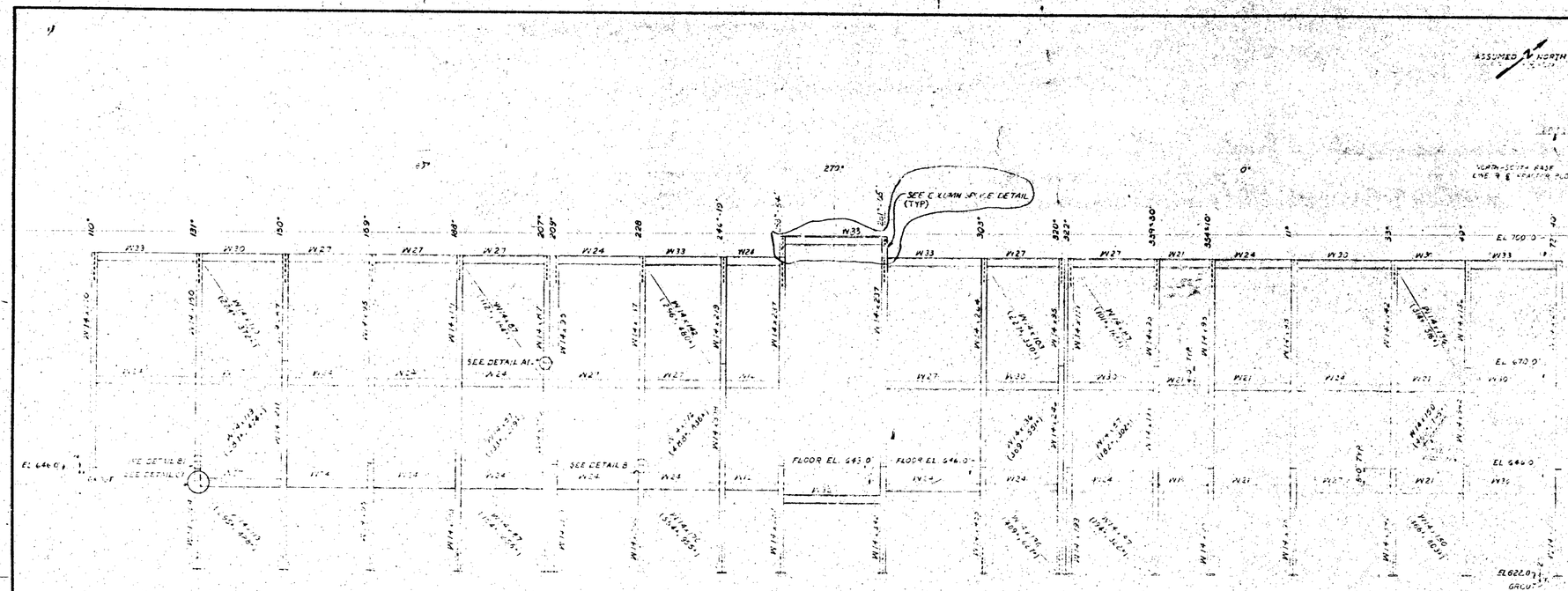
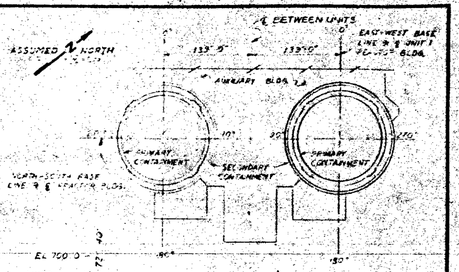
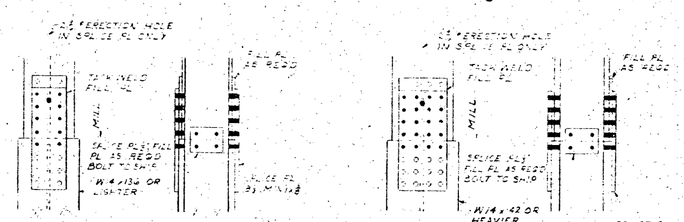


DEVELOPED EXTERIOR ELEVATION
UNIT #1 AS SHOWN
UNIT #2 OPP HAND ABOUT
℄ BETWEEN UNITS

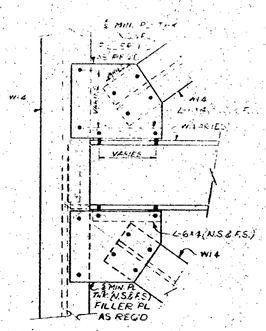


KEY PLAN
NOT TO SCALE

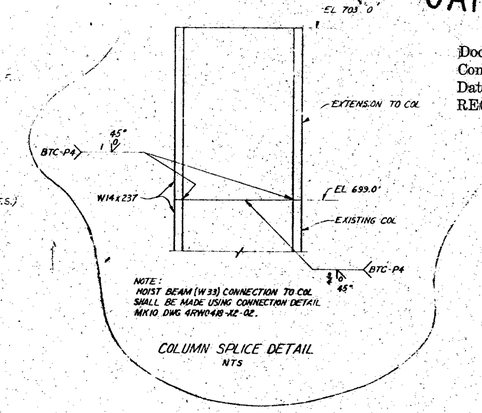


DETAIL A1
N.T.S.

DETAIL B1
N.T.S.



DETAIL C1
SCALE ¾" = 1'-0"



NOTE:
HOIST BEAM (W33) CONNECTION TO COL SHALL BE MADE USING CONNECTION DETAIL MK10 DWG 4RW0448-X2-02.

COLUMN SPLICE DETAIL
NTS

SCALE: ¼" = 1'-0"
EXCEPT AS NOTED

NOTES:

1. FOR GENERAL NOTES, SEE 4RW0415-X2-02.
2. ALL MATERIAL SHALL BE ASTM A36 UNLESS OTHERWISE NOTED.
3. REFER TO DWG. 4RW0415-X2 FOR COLUMN LOCATION AND BASE DETAILS.
4. BRACING LOADS SHOWN REPRESENT TWO DIFFERENT LOAD CASES. BRACING CONNECTIONS SHALL BE SIZED FOR THE MORE STRINGENT OF THE FOLLOWING:
   a. CONNECTIONS SIZED BASED ON SMALLER LOAD SHOWN USING AISC ALLOWABLES FOR WORKING STRESS DESIGN.
   b. CONNECTIONS SIZED BASED ON LARGER LOAD SHOWN USING INCREASED ALLOWABLES OF 0.9 F_y FOR AXIAL LOAD AND 0.75 F_y/√3 FOR SHEAR LOADS. ELT ALLOWABLES MAY BE INCREASED 1.6 TIMES AISC WORKING STRESS ALLOWABLES.

PRC APERTURE CARD

Docket # 50-438/439
Control # 8209010288
Date 8/23/82 of Document
REGULATORY DOCKET FILE

4	SI		5-3-71	SJS	SJS	SJS	92												
RAISED W33 ADDED COL SPLICE DET PER FCR D-2145																			
3	SI		6-17-72	RWA	CM	SCG													
REMOVED SECTION N-A1.																			
2	SI		5-17-72	RWA	CM	SCG													
REVISED DETAIL C1, ADDED GROUT & COLUMN SPLICE IN ELEVATION.																			
1	SI		5-5-72	RWA	CM	SCG													
ADDED TO NOTE #4.																			
No.			DATE																

DSGN R. A. WOOD
DWN C. MIER
CHKD C.K. BLACK
ENGR G.W. HATMAKER
SUP
ENGINEER Carl W. Hatmaker

REACTOR BUILDING
UNITS 1 & 2

STRUCTURAL STEEL
INTERIOR FRAMING
COLUMNS DEVELOPED ELEVATION

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

SUBMITTED	RECOMMENDED	APPROVED
Carl W. Hatmaker	C.K. Black	R.M. Hodges

KNOXVILLE | 12-10-75 | 68 | S | 4RW0420-X2-01 R4

RECORD DRAWING AS CONSTRUCTED

POOR ORIGINAL