DRAWING NUMBER

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9321-F-53543

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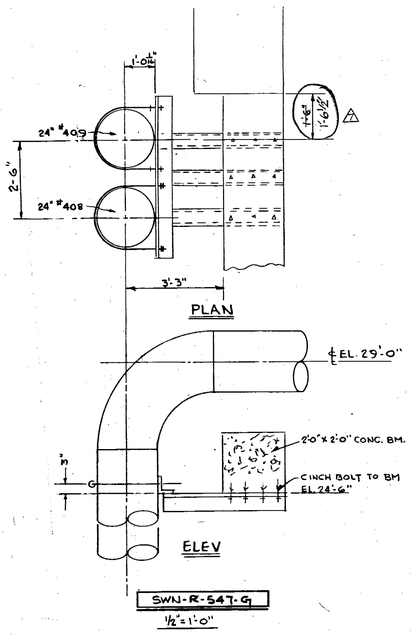
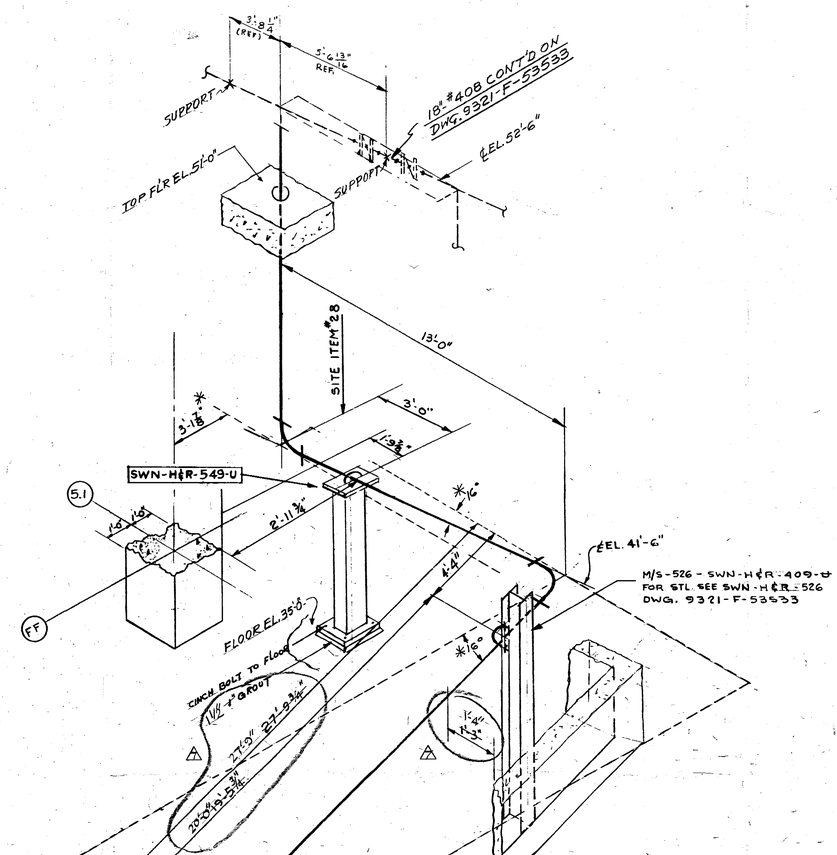
	TITLE

UP(+Y)
W(-Z) N(+X)
S(-X) E(+Z)
DN(-Y)

SWN-R-547-G

LINE Nº	VERTICAL			HORIZONTAL	
	DEAD WT.	SEIS	THERM	SEIS	THERM
24"-408	–	–	–	1226(Z) 557(Y)	–
24"-409	–	–	–	2044(Z) 929(Y)	–





PIPE RESTRAINT & SUPPORT LEGEND

ALL RESTRAINTS & SUPPORTS WILL BE DESIGNATED AS FOLLOWS:

A B C - D - 1 2 3 - Z

SYSTEM DESIGNATION FROM PIPING FAB. SPEC. NO. 9321-05-248-73

BASIC FUNCTION
- HANGER OR SUPPORT — H
- ANCHOR — A
- SEISMIC RESTRAINT — R
- THRUST BLOCK — T

SUPPORT NO.

DETAILED DESCRIPTION OF FUNCTION

SUPPORT	UNRESTRICTED	S
"	"U" BOLTED TIGHT	U
"	"U" " LOOSE-1/16" CLEAR SIDES & TOP*	U
"	GUIDED-1/16" CLEAR SIDES & TOP	G
HANGER -	PLAIN RIGID ROD	R
"	WITH ROCKER WASHER	W
"	SPRING VARIABLE	V
"	SPRING CONSTANT	C
ANCHOR -	FIXED	F
"	PARTIAL	P
SEISMIC RESTRAINT -	RIGID	R
" "	GUIDED-1/16" CLEAR SIDES & TOP*	G
" "	HYDRAULIC	H

* MAXIMUM

REFERENCE DRAWINGS

1. 9321-F-27223 FLOW DIAGRAM-SERVICE WATER SYSTEM
2. 9321-F-27003 SERVICE WATER PIPING-YARD AREA-PLANS SHT 1
3. 9321-F-27013 SERVICE WATER PIPING-YARD AREA-PLANS SHT 2
4. 9321-F-12113 FAN HOUSE & PIPE PENETRATION TUNNEL CONCRETE - PLAN AT ELEV. 32'-6"

⚠ ✱ = IMPOSSIBLE TO VERIFY

UNCONTROLLED DRAWING
Copy Date 1/25/93
CAUTION - Extended use of this drawing copy may result in its inaccuracy due to subsequent design changes and drawing updates

Docket # 50-286
Accession # 9301110001
Date 1/29/93 of Ltr
Regulatory Docket File

SITE ITEM #28

SI APERTURE CARD

NO.	DATE	DESCRIPTION	ENGR	SUP ENG	
7	9-11-80	AS PER LINE WALK	MD		
6	3/1/76	FINAL ISSUE — ADDED AS-BUILT INFO	MD		
5	2/19/75	REVISED LOCATION OF SUP'T. 548 W/S 529 & 926 PER "AS-BUILT"	PB		
4	7/16/73	FUNCT. FOR SWN-R-548 CHGD FROM -G TO R.	HP		
3	5/16/73	REV. LOAD TABLE	DF		
2	2/4/73	REMOVED TEMP. NOS. FROM W/S-509 THRU W/S-511	KS		
1	1/10/73	RELEASED FOR CONSTRUCTION	DS		
NO.	9/24/72	FIRST ISSUE FOR DETAILING	DS		

ENGINEER
STATE REG. NO. 43360
UNITED ENGINEERS & CONSTRUCTORS INC.

WESTINGHOUSE ELECTRIC CORPORATION
PIPE TRENCH AREA
RESTRAINT & SUPPORT DESIGN
LINE 409
FOR
CONSOLIDATED EDISON COMPANY
INDIAN POINT GENERATING STATION
UNIT NO. 3

U.E. & C. DWG. NO. 9321-F-53543-7
CON. ED. CO. DWG. NO. A-205254

FT REVIEW COMPLETE 11-10-72 / 2-23-73

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