DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

PREPARED BY NUMBER 07SAP

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

PREPARED BY NUMBER 07SAP

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

PREPARED BY NUMBER 07SAP

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

PREPARED BY NUMBER 07SAP

DRAWING NUMBER

UE&C

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

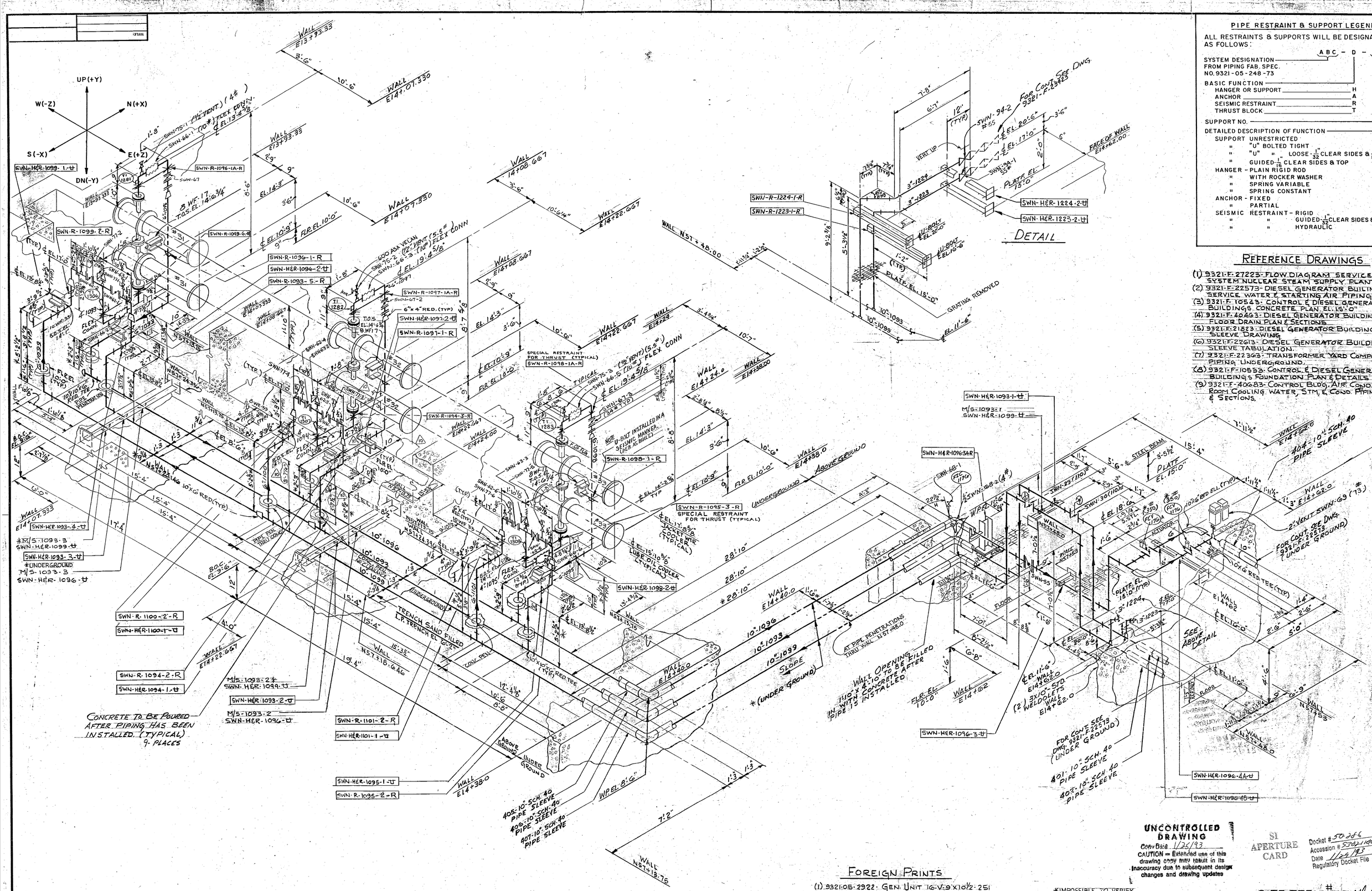
PREPARED BY NUMBER 07SAP

DRAWING NUMBER

9321-F-22443

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

PREPARED BY NUMBER 07SAP



PIPE RESTRAINT & SUPPORT LEGEND

ALL RESTRAINTS & SUPPORTS WILL BE DESIGNATED AS FOLLOWS:

ABC - D - 123 - 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 - 1/32 CLEAR SIDES & 1/16 TOP	G
"	GUIDED - 1/8 CLEAR SIDES & TOP	R
HANGER -	PLAIN RIGID ROD	W
"	WITH ROCKER WASHER	V
"	SPRING VARIABLE	C
"	SPRING CONSTANT	P
ANCHOR -	FIXED	F
"	PARTIAL	P
SEISMIC	RESTRAINT - RIGID	R
"	" GUIDED - 1/32 CLEAR SIDES & 1/16 TOP	G
"	" HYDRAULIC	H

REFERENCE DRAWINGS

(1) 9321-F-27223-FLOW DIAGRAM SERVICE WATER SYSTEM NUCLEAR STEAM SUPPLY PLANT.
(2) 9321-F-22573-DIESEL GENERATOR BUILDING SERVICE WATER & STARTING AIR PIPING.
(3) 9321-F-10543: CONTROL & DIESEL GENERATOR BUILDINGS CONCRETE PLAN EL 15'-0"
(4) 9321-F-40463: DIESEL GENERATOR BUILDING FLOOR DRAIN PLAN & SECTIONS
(5) 9321-F-21823: DIESEL GENERATOR BUILDING SLEEVE DRAWING.
(6) 9321-F-22603: DIESEL GENERATOR BUILDING SLEEVE TABULATION.
(7) 9321-F-22363: TRANSFORMER YARD COMPOSITE PIPING UNDERGROUND.
(8) 9321-F-10533: CONTROL & DIESEL GENERATOR BUILDINGS FOUNDATION PLAN & DETAILS
(9) 9321-F-40683: CONTROL BLDG. AIR COND. EQUIP ROOM COOLING WATER, STM & COND. PIPING PLANS & SECTIONS.

FOREIGN PRINTS

(1) 9321-05-2922 - GEN. UNIT 16-V-9 X 10½-251
(2) 9321-05-20142 - FLEX. CONN.

NO.	DATE	DESCRIPTION	ENGR	SUP ENG
10	8/19/91	AS BUILT PER PLANT WALKDOWN	EL	
9	1/24/91	REVISED DWG. TO INDICATE LATEST VALVE NO'S	EL	
8	7/31/90	AS-BUILT PER MODIFICATION NO. 87-03-165 SWN		
7	11/17/86	INCORPORATED MODIFICATIONS PER MOD. 84-3-0024 SWN & 85-03-105 SWS, ADDED SS SPOOLS ON LINES 1095, 1094, 1095, 1096, 1097, 1098		
6	4/22/85	REV'D PER MOD. 81-3-041 SWS. ADDED STAINLESS STEEL SPOOL PIECES ON LN. 1096	DT	
5	6/26/85	AS PER LINE WALK		
4	11/20/84	FINAL ISSUE ADDED AS-BUILT INFO		
3	7/13/83	CORR. DIMS PER AS BUILT COURIER LETTER 1159		
2	7/13/83	REV. ELEV. LINE 1224		
1	3/15/83	REV. HGR. 1224-2 & 1223-2 FOR ADDITIONAL PROJ. PIPING REQ.		
REV. NO.	12/17/82	FIRST ISSUE FOR CONSTRUCTION	DF	

ENGINEERS: Daniel A. Richards
STATE REG: NEW YORK / NO. 42886

UNITED ENGINEERS & CONSTRUCTORS INC.

UNCONTROLLED DRAWING
Copy Date 1/26/93
CAUTION — Extended use of this drawing copy may result in its inaccuracy due to subsequent design changes and drawing updates

SI APERTURE CARD

Docket # 50-286
Accession # 9302110002
Date 1/25/93 of Ltr.
Regulatory Docket File

SITE ITEM # 87 12/15/80

WESTINGHOUSE ELECTRIC CORPORATION
DIESEL GENERATOR BUILDING
RESTRAINT & SUPPORT DESIGN
LINES 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1223 SHEET-1 & 1224 SHEET-1
FOR
CONSOLIDATED EDISON COMPANY
INDIAN POINT GENERATING STATION
UNIT NO. 3

U.E.&C. DWG. NO. 9321-F-22443-10
CON. ED. CO. DWG. NO. A-202062

9302180143