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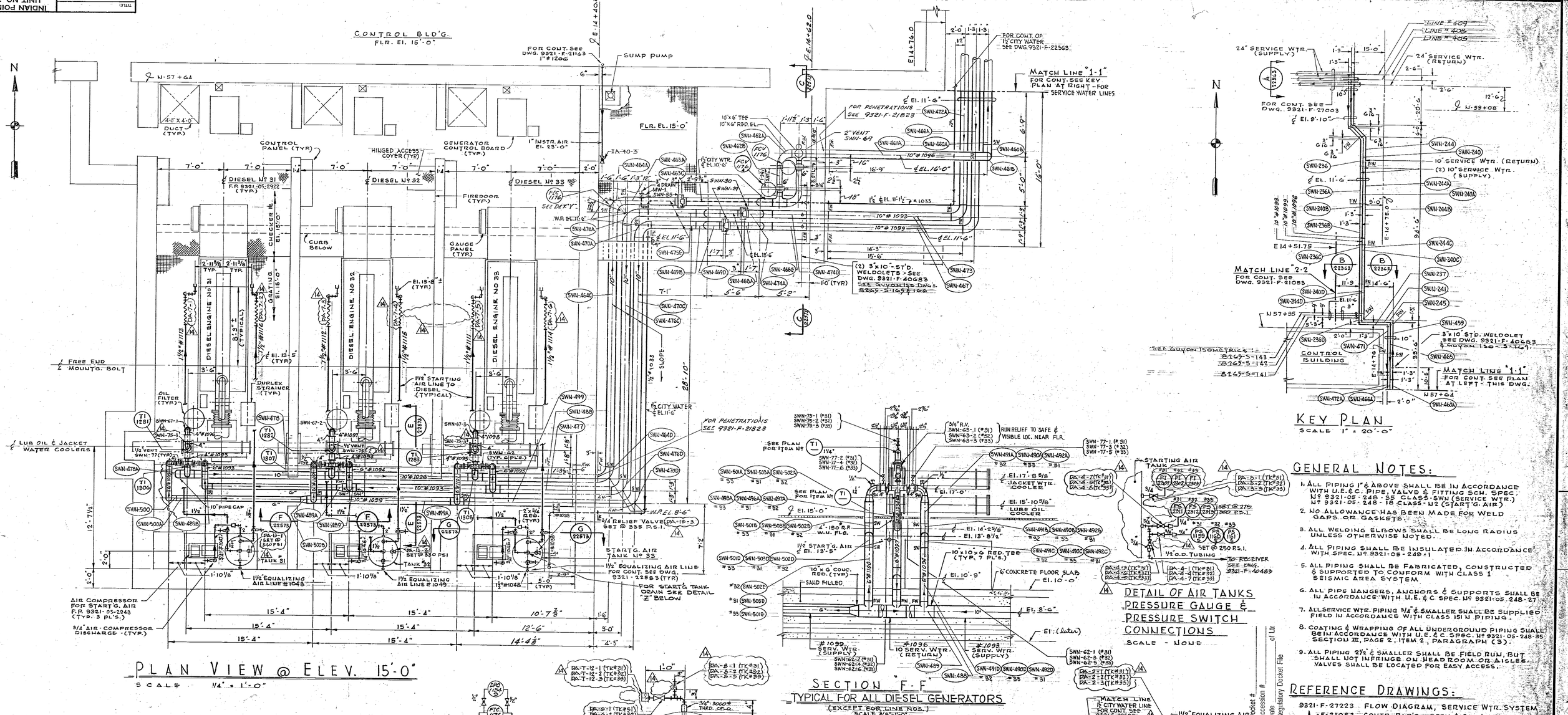
DRAWING NUMBER 9321-F-22573

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

PROPERTY BY NUMBER DTSAR

INDIAN POINT UNIT NO. 3

TITLE



GENERAL NOTES:

1. ALL PIPING 1" & ABOVE SHALL BE IN ACCORDANCE WITH U.E.&C. PIPE, VALVE & FITTING SCH. SPEC. Nº 9321-05-248-35 CLASS: SWN (SERVICE WTR.) Nº 9321-05-248-15 CLASS: U2 (START'G. AIR)
2. NO ALLOWANCE HAS BEEN MADE FOR WELD GAPS OR GASKETS.
3. ALL WELDING ELBOWS SHALL BE LONG RADIUS UNLESS OTHERWISE NOTED.
4. ALL PIPING SHALL BE INSULATED IN ACCORDANCE WITH SPEC. Nº 9321-05-248-1
5. ALL PIPING SHALL BE FABRICATED, CONSTRUCTED & SUPPORTED TO CONFORM WITH CLASS 1 SEISMIC AREA SYSTEM
6. ALL PIPE HANGERS, ANCHORS & SUPPORTS SHALL BE IN ACCORDANCE WITH U.E.&C SPEC. Nº 9321-05-248-27
7. ALL SERVICE WTR. PIPING 3/4" & SMALLER SHALL BE SUPPLIED FIELD IN ACCORDANCE WITH CLASS 1S1N PIPING.
8. COATING & WRAPPING OF ALL UNDERGROUND PIPING SHALL BE IN ACCORDANCE WITH U.E.&C. SPEC. Nº 9321-05-248-35 SECTION III, PAGE 2, ITEM 2, PARAGRAPH (3).
9. ALL PIPING 2½" & SMALLER SHALL BE FIELD RUN, BUT SHALL NOT INFRINGE ON HEADROOM OR AISLES. VALVES SHALL BE LOCATED FOR EASY ACCESS.

REFERENCE DRAWINGS:

9321-F-27223	FLOW DIAGRAM, SERVICE WTR. SYSTEM
-F-21053	CONTR. BLD'G. - SERV. & COOL'G. WTR. PIPING
-F-21163	CONTR. BLD'G. - INSTR. AIR PIPING
-F-22503	D.G. BLD'G. - GENERAL ARR'G'TS. - PLAN
-F-22513	D.G. BLD'G. - GENERAL ARR'G'TS. - SECTIONS
-F-22363	COMPOSITE PIPING - UNDERGROUND
-F-22583	D.G. BLD'G. - FUEL OIL, START'G. AIR & JACKET WTR.
-F-27003	SERVICE WTR. PIPING IN YARD AREA
-F-10563	D.G. BLD'G. - FOUNDATION PLAN & DETAILS
9321-F-40463	D.G. BLD'G. - DRAINS & VENTS
9321-F-20293	FLOW DIAGRAM - STARTING AIR TO DIESEL GEN'S
9321-F-20283	CONTROL BLD'G. - COOL'G WTR., STM. & COND.
9321-F-21853	D.G. BLD'G. - SLEEVE DRAWING
9321-F-28003	CONVENTIONAL LINE SCHEDULE - CLASS 1 PIPING

FOREIGN PRINTS:

9321-05-2922	DIESEL GENERATOR OUTLINE DIMENSIONS
-7305	6" BUTTERFLY CONTROL VA. (FCV-1176 & 1176A)
-20142	4" FLEXIBLE CONNECTOR (SWN-66)
-2652	2" AIR RELEASE & INLET VA. (SWN-69)
-2975	3/4" SAFETY RELIEF VA. (SWN-63)
9321-05-2938	STARTING AIR TANK
9321-05-2943	AIR COMPRESSOR FOR START'G. AIR
9321-05-20098	PIPING SCHEMATIC - STARTING AIR - (ALCO)
9321-05-20094	JACKET WATER COOLERS
9321-05-20142	FLEX. CONNS.

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

REV. NO.	DATE	DESCRIPTION	ENGR.	SUP ENGR.	
10	11/16/92	INCORPORATED MODIFICATION PER MOD. 84-3-024 SWN & MOD. 85-05-105 SWS, ADDED 66-SPOOLS ON LINES 1093, 1094, 1095, 1096, 1097, 1098			
9	27 85	DELETED DETAIL "A" - REVD. PER MOD 81-03-041 SWS. ADDED STAINLESS STEEL SPOOL PIECE ON LINE 1099			
8	2 3 76	FINAL ISSUE			
7	12 11 73	SWN-482, 483 & 484 WAS SWN-452, 453 & 454. REVD. PIPING @ DETAIL #31 TO CLEAR BATTERY BACK. ADDED DETAIL X			
6	9 24 73	REMOVD. PIPE FROM SWN-67 TO FCV 1176 & 1½" LINE NO. 1033. REPLACED DRAIN VALVE WITH			

REV. NO.	DATE	DESCRIPTION	ENGR.	SUP ENGR.	DRAWING CHECKER
14	3/29/91	REVISED DWG. TO INDICATE LATEST VALVE NO'S.			
13	2/24/91	REVISED DWG. TO INDICATE LATEST VALVE NO'S			
12	1/31/90	AS-BUILT PER MODIFICATION NO. 87-03-166 SWN			
11	12/29/89	REVISED DWG. TO INDICATE LATEST VALVE NO'S.			
10	11/16/70	FIRST ISSUE FOR CONSTRUCTION			

ENGINEER David R. Kleinhans

STATE REG. NEW YORK No. 42886

UNITED ENGINEERS & CONSTRUCTORS INC.

WESTINGHOUSE ELECTRIC CORPORATION

DIESEL GENERATOR BUILDING SERVICE WATER & STARTING AIR PIPING

FOR

CONSOLIDATED EDISON COMPANY

INDIAN POINT GENERATING STATION UNIT NO. 3

U.E. & C. DWG. NO. 9321-F-22573-14

CON. ED. CO. DWG. NO. A-202030

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