SAFETY RELATED
CABLE TRAYS
DIVISION 1

SAFETY RELATED
CABLE TRAYS
DIVISION 2

SAFETY RELATED
CABLE TRAYS
DIVISION 3

SAFETY RELATED
CABLE TRAYS
DIVISION 4

BOP CABLE TRAYS

DRAWING RELEASE RECORD

REV.	DATE REL'D.	PREPARED	REVIEWED	APPROVED	PURPOSE	FILM

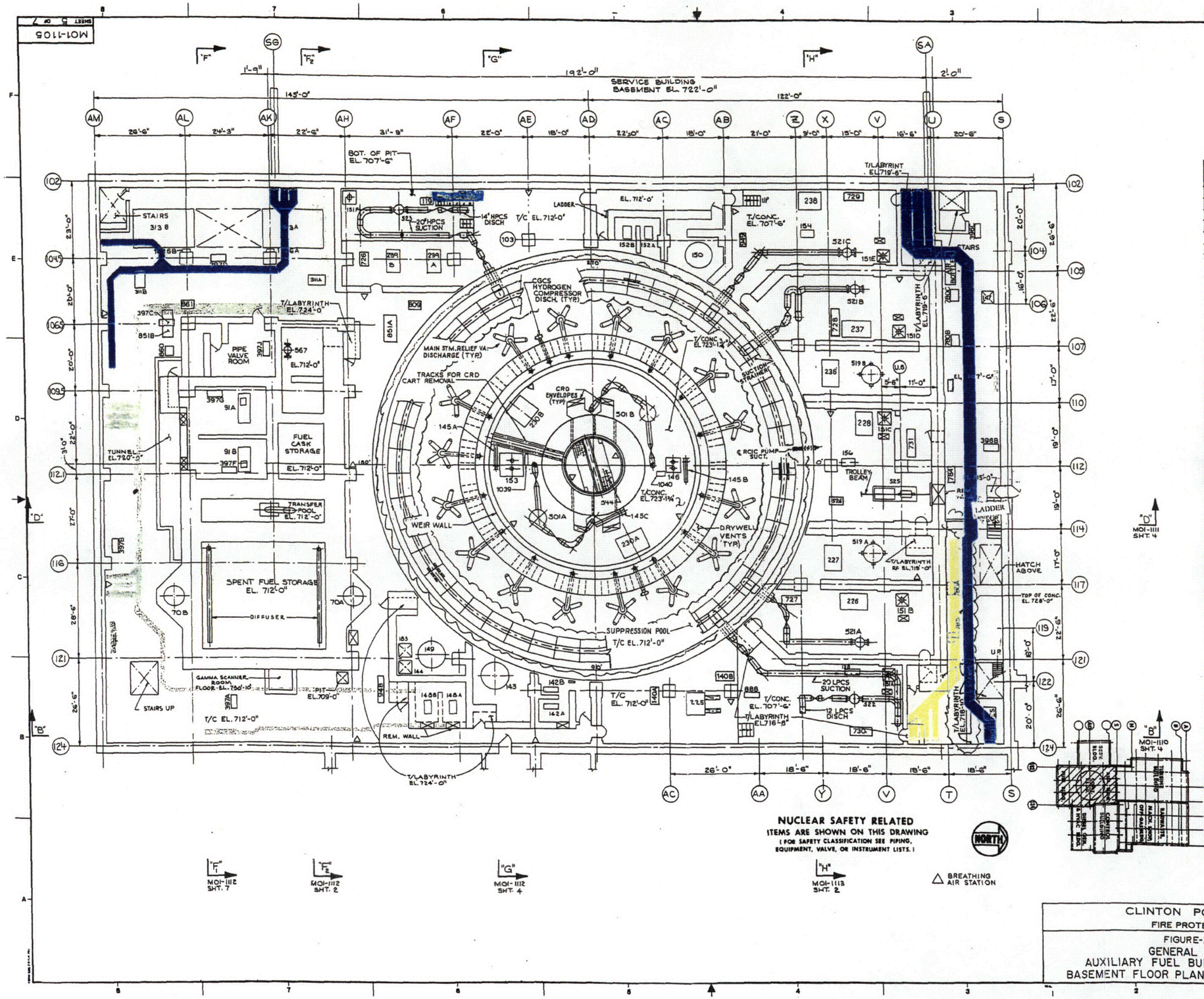
DRAWING RELEASE RECORD

REV.	DATE REL'D.	PREPARED	REVIEWED	APPROVED	PURPOSE	FILM

CLINTON POWER STATION
FIRE PROTECTION REPORT

FIGURE-1-CABLE TRAY
FIRE HAZARDS LEGEND

REVISION 8
AUGUST 1999



ITEM	EQUIPMENT NAME
1039	DRYWELL FLOOR DRAIN SUMP SAMPLE PUMP
1040	DRYWELL EQUIPMENT DRAIN SUMP SAMPLE PUMP
70	FUEL POOL SKIMMER SURGE TANK
91	FPI COOLING PUMPS
119	HPCS WATER LEG PUMP
128	LPCS WATER LEG PUMP
140	SUPP. POOL CLEAN-UP PUMP
142	FUEL BLDG. EQUIP. DRAIN PUMP
143	FUEL BLDG. EQUIP. DRAIN TANK
144	FUEL BLDG. EQUIP. DRAIN SUMP
145	DRYWELL EQUIP. SUMP COOLER
146	DRYWELL EQUIP. DRAIN SUMP PUMPS
147	AUX. BLDG. FLOOR DRAIN SUMP
148	FUEL BLDG. FLOOR DRAIN PUMP
149	FUEL BLDG. FLOOR DRAIN TANK
150	AUX. BLDG. FLOOR DRAIN TANK
151	ECCS FLOOR DRAIN SUMPS
152	AUX. BLDG. FLOOR DRAIN PUMP
153	DRYWELL FLOOR DRAIN SUMP PUMPS
154	RHR WATER LEG PUMP
156	RCIC WATER LEG PUMP
183	FUEL BLDG. FLOOR DRAIN SUMP
225	LPCS PUMP ROOM (FAN COIL UNIT)
226	RHR PUMP A RM. (FAN COIL UNIT)
227	RHR HEAT EXCH. A RM. (FAN COIL UN.)
228	RCIC PUMP ROOM (FAN COIL UNIT)
230	DRYWELL COOLER
236	RHR HEAT EXCHANGER B ROOM
237	RHR PUMP B ROOM (FAN COIL UNIT)
238	RHR PUMP C ROOM (FAN COIL UNIT)
239	HPCS PUMP ROOM (FAN COIL UNIT)
311	DRYWELL WATER CHILLER PUMPS
313	DRYWELL CHILLERS
396	AREA COOLERS A-C
397	AREA COOLERS A-J
501	RECIRCULATING WATER PUMPS
519	RHR HEAT EXCHANGER
521	RHR PUMPS
522	LPCS PUMP
523	HPCS PUMP
525	RCIC PUMP AND TURBINE
526	RCIC AIR COMPRESSOR
544	CRD HANDLING PLATFORM
567	FUEL CASK AREA PUMP

ITEM	INSTRUMENT AND CONTROL PANELS EQUIPMENT NAME
726	HPCS INSTRUMENT PANEL
727	RHR A INSTRUMENT PANEL
728	RHR B INSTRUMENT PANEL
729	RHR C INSTRUMENT PANEL
730	LPCS INSTRUMENT PANEL
731	RCIC INSTRUMENT PANEL
780	RHR PUMP 1A,1B,1C RM. VENT PNL
784	RCIC PUMP ROOM VENT PANEL
785	LPCS PUMP ROOM VENT PANEL
809	HPCS PUMP ROOM VENT PANEL
851	DRYWELL COOLING PANEL
888	SUPR POOL CLEAN-UP INST. PNL.
860	FUEL POOL SW. EFF #1
861	FUEL POOL SW. EFF #2
948	F.B. EQ. FLOOR DRAIN I.P.
949	A.B. FLOOR DRAIN I.P.
1026	CONTROL PANEL DRYWELL CHILLER HPCV

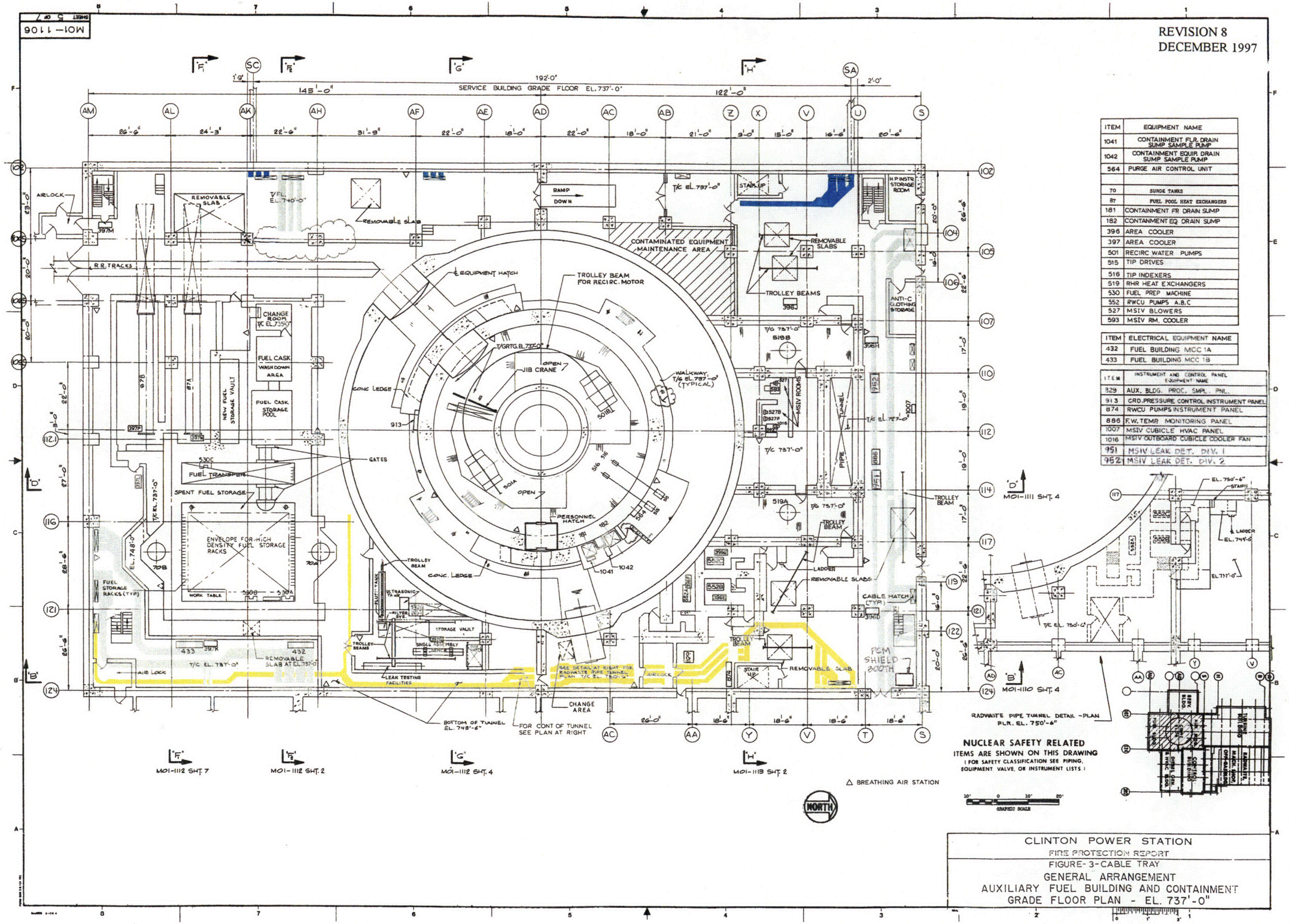
NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
(FOR SAFETY CLASSIFICATION SEE PIPING, EQUIPMENT, VALVE, OR INSTRUMENT LISTS.)

CLINTON POWER STATION
FIRE PROTECTION REPORT

FIGURE-2-CABLE TRAY
GENERAL ARRANGEMENT
AUXILIARY FUEL BUILDING AND CONTAINMENT
BASEMENT FLOOR PLAN - EL. 707'-0" & EL. 712'-0"

MOI-1106

REVISION 8
DECEMBER 1997

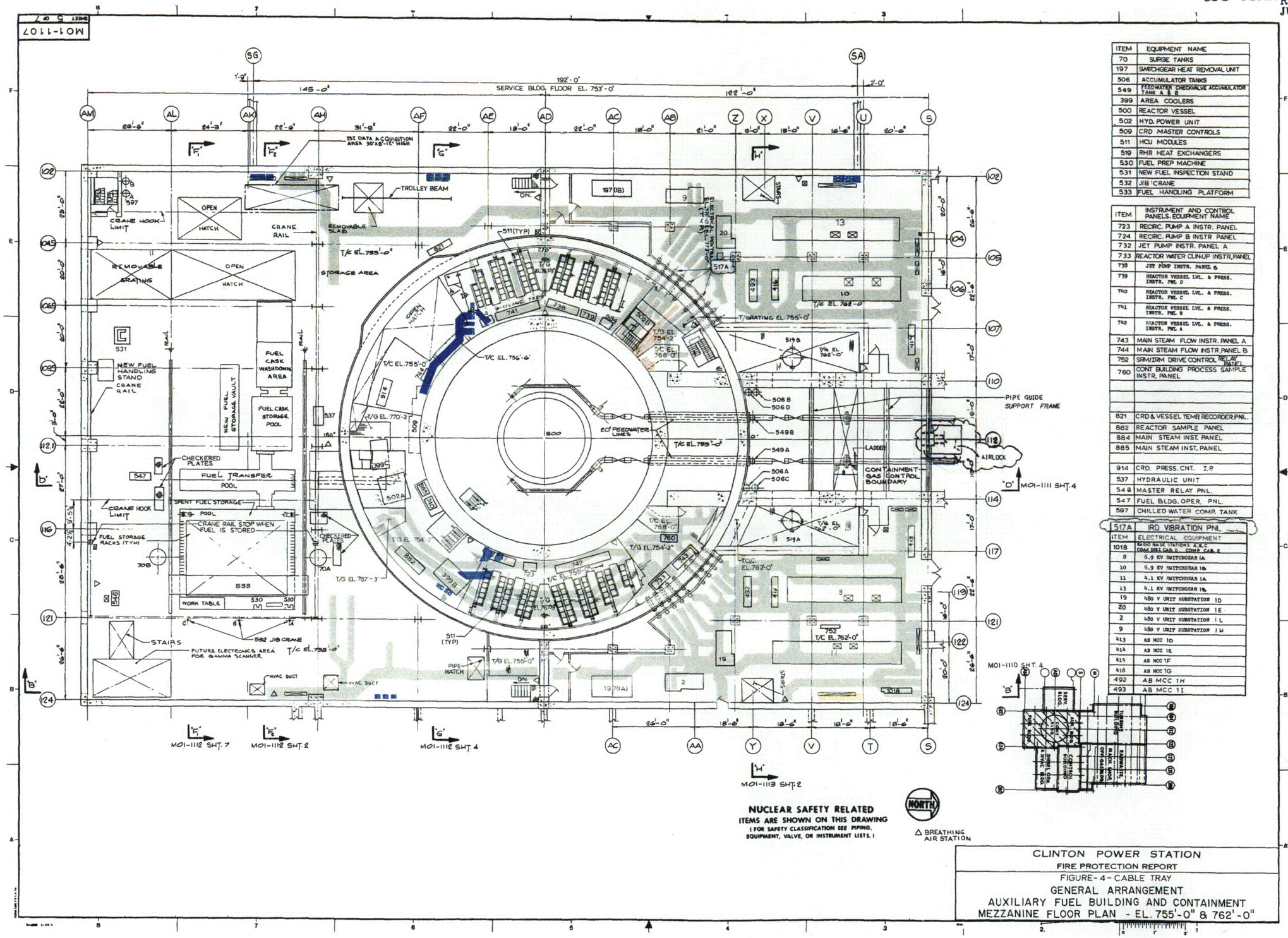


ITEM	EQUIPMENT NAME
1041	CONTAINMENT FLR. DRAIN SUMP SAMPLE PUMP
1042	CONTAINMENT EQUIP. DRAIN SUMP SAMPLE PUMP
564	PURGE AIR CONTROL UNIT
70	SURGE TANKS
87	FUEL POOL HEAT EXCHANGERS
181	CONTAINMENT FR DRAIN SUMP
182	CONTAINMENT EQ DRAIN SUMP
396	AREA COOLER
397	AREA COOLER
501	RECIRC WATER PUMPS
515	TIP DRIVES
516	TIP INDEXERS
519	RHR HEAT EXCHANGERS
530	FUEL PREP MACHINE
552	RWCU PUMPS A,B,C
527	MSIV BLOWERS
593	MSIV RM. COOLER

ITEM	ELECTRICAL EQUIPMENT NAME
432	FUEL BUILDING MCC 1A
433	FUEL BUILDING MCC 1B

ITEM	INSTRUMENT AND CONTROL PANEL EQUIPMENT NAME
829	AUX. BLDG. PROC. SMPL. PNL.
913	CRD. PRESSURE CONTROL INSTRUMENT PANEL
874	RWCU PUMPS INSTRUMENT PANEL
886	F.W. TEMP. MONITORING PANEL
1007	MSIV CUBICLE HVAC PANEL
1016	MSIV OUTBOARD CUBICLE COOLER FAN
951	MSIV LEAK DET. DIV. 1
952	MSIV LEAK DET. DIV. 2

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE-3-CABLE TRAY
GENERAL ARRANGEMENT
AUXILIARY FUEL BUILDING AND CONTAINMENT
GRADE FLOOR PLAN - EL. 737'-0"

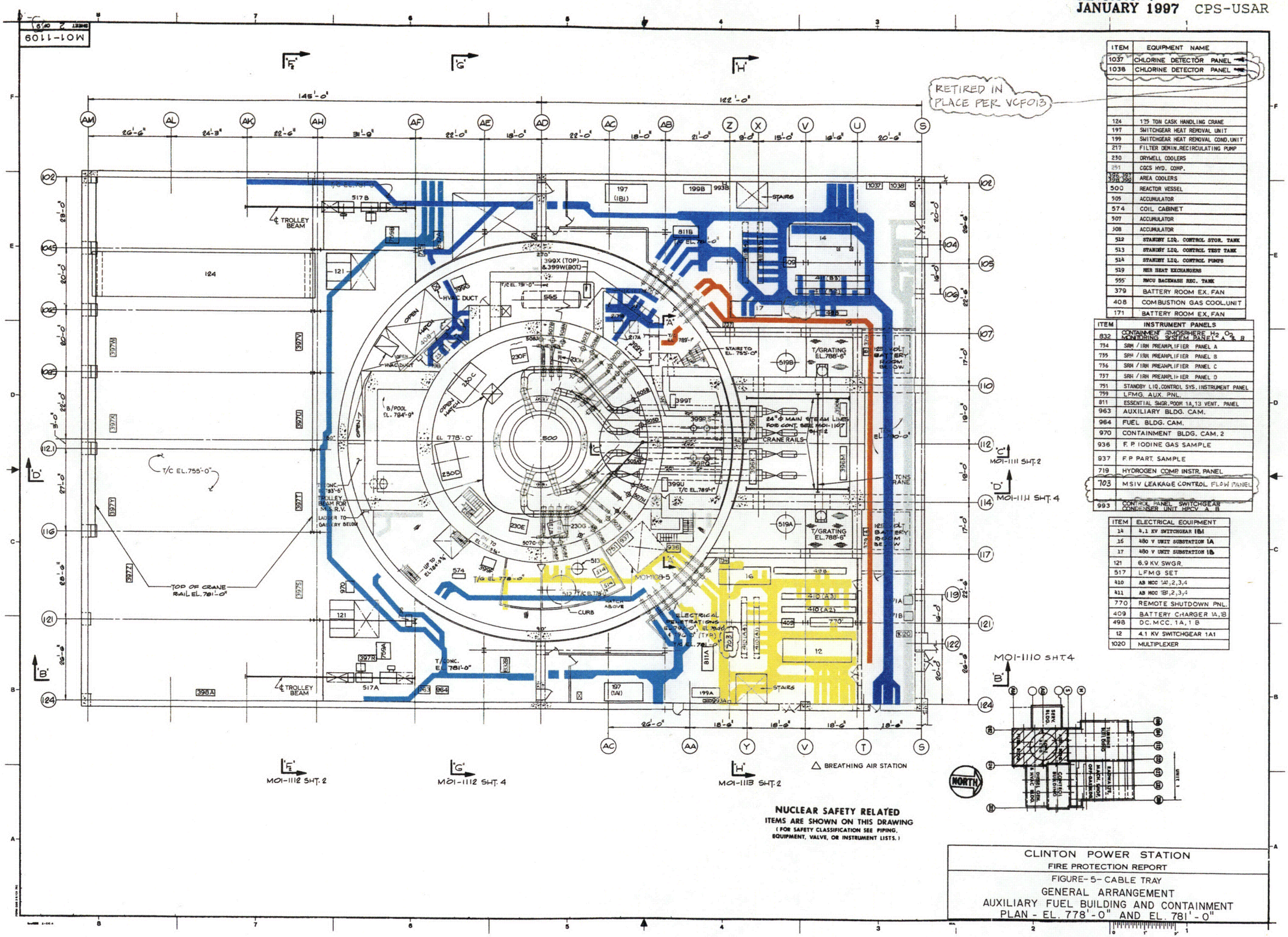


ITEM	EQUIPMENT NAME
70	SURGE TANKS
197	SWITCHGEAR HEAT REMOVAL UNIT
506	ACCUMULATOR TANKS
549	FEEDWATER CHECKVALVE ACCUMULATOR TANK A & B
399	AREA COOLERS
500	REACTOR VESSEL
502	HYD. POWER UNIT
509	CRD MASTER CONTROLS
511	HCU MODULES
519	RHR HEAT EXCHANGERS
530	FUEL PREP MACHINE
531	NEW FUEL INSPECTION STAND
532	JIB CRANE
533	FUEL HANDLING PLATFORM

ITEM	INSTRUMENT AND CONTROL PANELS. EQUIPMENT NAME
723	RECIRC. PUMP A INSTR. PANEL
724	RECIRC. PUMP B INSTR PANEL
732	JET PUMP INSTR. PANEL A
733	REACTOR WATER CLIN-UP INSTR. PANEL
738	JET PUMP INSTR. PANEL B
739	REACTOR VESSEL LVL. & PRESS. INSTR. PNL D
740	REACTOR VESSEL LVL. & PRESS. INSTR. PNL C
741	REACTOR VESSEL LVL. & PRESS. INSTR. PNL B
742	REACTOR VESSEL LVL. & PRESS. INSTR. PNL A
743	MAIN STEAM FLOW INSTR. PANEL A
744	MAIN STEAM FLOW INSTR. PANEL B
752	SRM/IRM DRIVE CONTROL RELAY PANEL
760	CONT BUILDING PROCESS SAMPLE INSTR. PANEL
821	CRD & VESSEL TEMP. RECORDER PNL.
882	REACTOR SAMPLE PANEL
884	MAIN STEAM INST. PANEL
885	MAIN STEAM INST. PANEL
914	CRD. PRESS. CNT. I.P.
537	HYDRAULIC UNIT
546	MASTER RELAY PNL.
547	FUEL BLDG. OPER. PNL.
597	CHILLED WATER COMP. TANK

517A	IRD VIBRATION PNL
ITEM	ELECTRICAL EQUIPMENT
1018	RADIO BASE STATIONS A, B, C COAX DIST. CAB. D, COMP. CAB. E
8	6.9 KV SWITCHGEAR 1A
10	6.9 KV SWITCHGEAR 1B
11	4.1 KV SWITCHGEAR 1A
13	4.1 KV SWITCHGEAR 1B
19	480 V UNIT SUBSTATION 1D
20	480 V UNIT SUBSTATION 1E
2	480 V UNIT SUBSTATION 1L
9	480 V UNIT SUBSTATION 1M
413	AB MCC 1D
414	AB MCC 1E
415	AB MCC 1F
416	AB MCC 1G
492	AB MCC 1H
493	AB MCC 1I

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE-4-CABLE TRAY
GENERAL ARRANGEMENT
AUXILIARY FUEL BUILDING AND CONTAINMENT
MEZZANINE FLOOR PLAN - EL. 755'-0" & 762'-0"



ITEM	EQUIPMENT NAME
1037	CHLORINE DETECTOR PANEL
1038	CHLORINE DETECTOR PANEL
124	125 TON CASK HANDLING CRANE
197	SWITCHGEAR HEAT REMOVAL UNIT
199	SWITCHGEAR HEAT REMOVAL COND. UNIT
217	FILTER DEMIN. RECIRCULATING PUMP
230	DRYWELL COOLERS
251	CGCS HYD. COMP.
395, 396, 398, 399	AREA COOLERS
500	REACTOR VESSEL
505	ACCUMULATOR
574	COIL CABINET
507	ACCUMULATOR
508	ACCUMULATOR
512	STANDBY LIQ. CONTROL STOR. TANK
513	STANDBY LIQ. CONTROL TEST TANK
514	STANDBY LIQ. CONTROL PUMPS
519	RHR HEAT EXCHANGERS
555	RWCU BACKWASH REC. TANK
379	BATTERY ROOM EX. FAN
408	COMBUSTION GAS COOL. UNIT
171	BATTERY ROOM EX. FAN

ITEM	INSTRUMENT PANELS
832	CONTAINMENT ATMOSPHERE H_2 O_2 MONITORING SYSTEM PANEL A & B
734	SRM / IRM PREAMPLIFIER PANEL A
735	SRM / IRM PREAMPLIFIER PANEL B
736	SRM / IRM PREAMPLIFIER PANEL C
737	SRM / IRM PREAMPLIFIER PANEL D
751	STANDBY LIQ. CONTROL SYS. INSTRUMENT PANEL
759	LFMG. AUX. PNL.
811	ESSENTIAL SWGR. ROOM 1A, 1B VENT. PANEL
963	AUXILIARY BLDG. CAM.
964	FUEL BLDG. CAM.
970	CONTAINMENT BLDG. CAM. 2
936	F. P. IODINE GAS SAMPLE
937	F. P. PART. SAMPLE
719	HYDROGEN COMP. INSTR. PANEL
703	MSIV LEAKAGE CONTROL FLOW PANEL
993	CONTROL PANEL SWITCHGEAR CONDENSER UNIT HPCV A, B

ITEM	ELECTRICAL EQUIPMENT
14	4.1 KV SWITCHGEAR 1B1
16	480 V UNIT SUBSTATION 1A
17	480 V UNIT SUBSTATION 1B
121	6.9 KV SWGR.
517	LFMG SET
410	AB MCC 1A1, 2, 3, 4
411	AB MCC 1B1, 2, 3, 4
770	REMOTE SHUTDOWN PNL.
409	BATTERY CHARGER 1A, 1B
498	DC. MCC. 1A, 1B
12	4.1 KV SWITCHGEAR 1A1
1020	MULTIPLEXER

NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
(FOR SAFETY CLASSIFICATION SEE PIPING, EQUIPMENT, VALVE, OR INSTRUMENT LISTS.)

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE-5-CABLE TRAY
GENERAL ARRANGEMENT
AUXILIARY FUEL BUILDING AND CONTAINMENT
PLAN - EL. 778'-0" AND EL. 781'-0"

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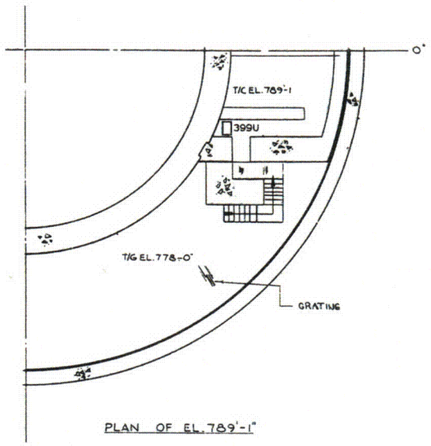
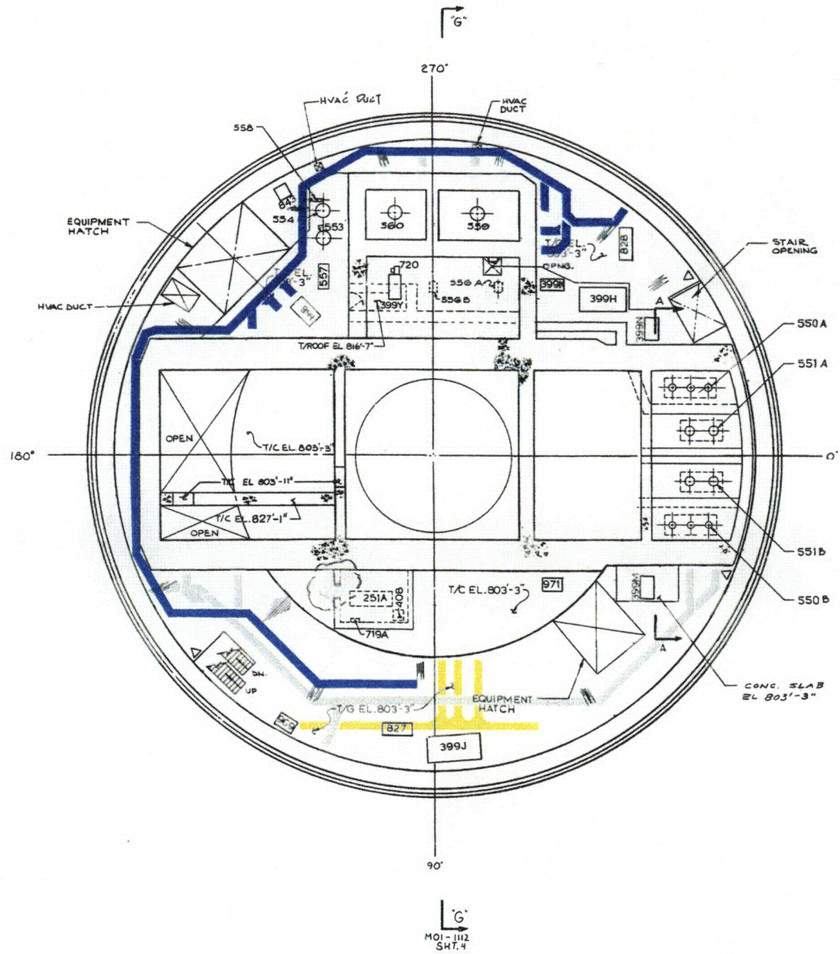
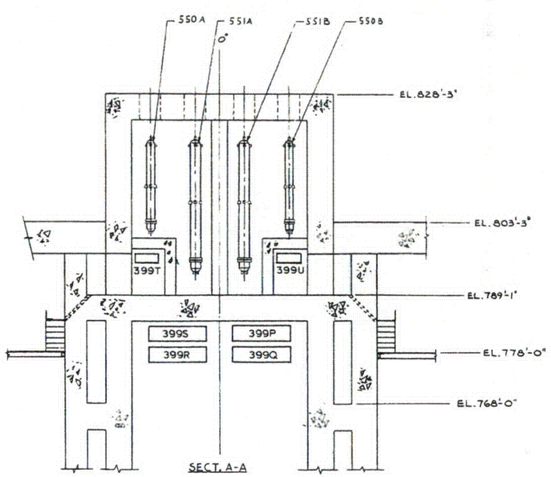
ITEM	EQUIPMENT NAME
251	CG HYDROGEN COMPRESSOR
399	AREA COOLERS
550	REGEN. HEAT EXCH.
551	NON-REGEN. HEAT EXCH.
553	RWCU PRE-COAT TANK
554	RWCU RESIN TANK
555	RWCU BACKWASH REC. TANK
556	FILT./DEMIN. HOLDING PUMPS
557	RWCU PRE-COAT PUMP
558	RWCU RESIN PUMP
559	FILT./DEMIN. VESSEL
560	FILT./DEMIN. VESSEL
827	MULTI-PLEXER
828	MULTI-PLEXER
843	RWCU INST. RACK
844	CONTROL PANEL
719	HYDROGEN COMP. INSTR. PANEL
969	CONTAINMENT AIR MONITOR
720	CONTAINMENT BLDG. TRANFER FAN
971	CONTAINMENT AIR MONITOR
408	COMB. GAS VENT



PLAN OF EL. 789'-1"





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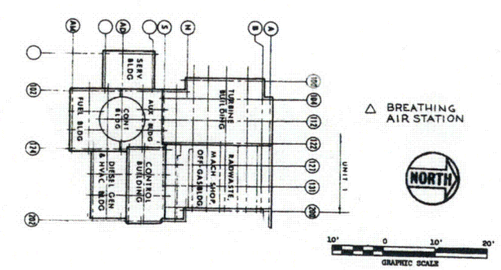

△ BREATHING AIR STATION

NORTH

NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
(FOR SAFETY CLASSIFICATION SEE PIPING, EQUIPMENT, VALVE, OR INSTRUMENT LISTS.)

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE-6-CABLE TRAY
GENERAL ARRANGEMENT
CONTAINMENT FLOOR PLAN - EL. 803'-3"

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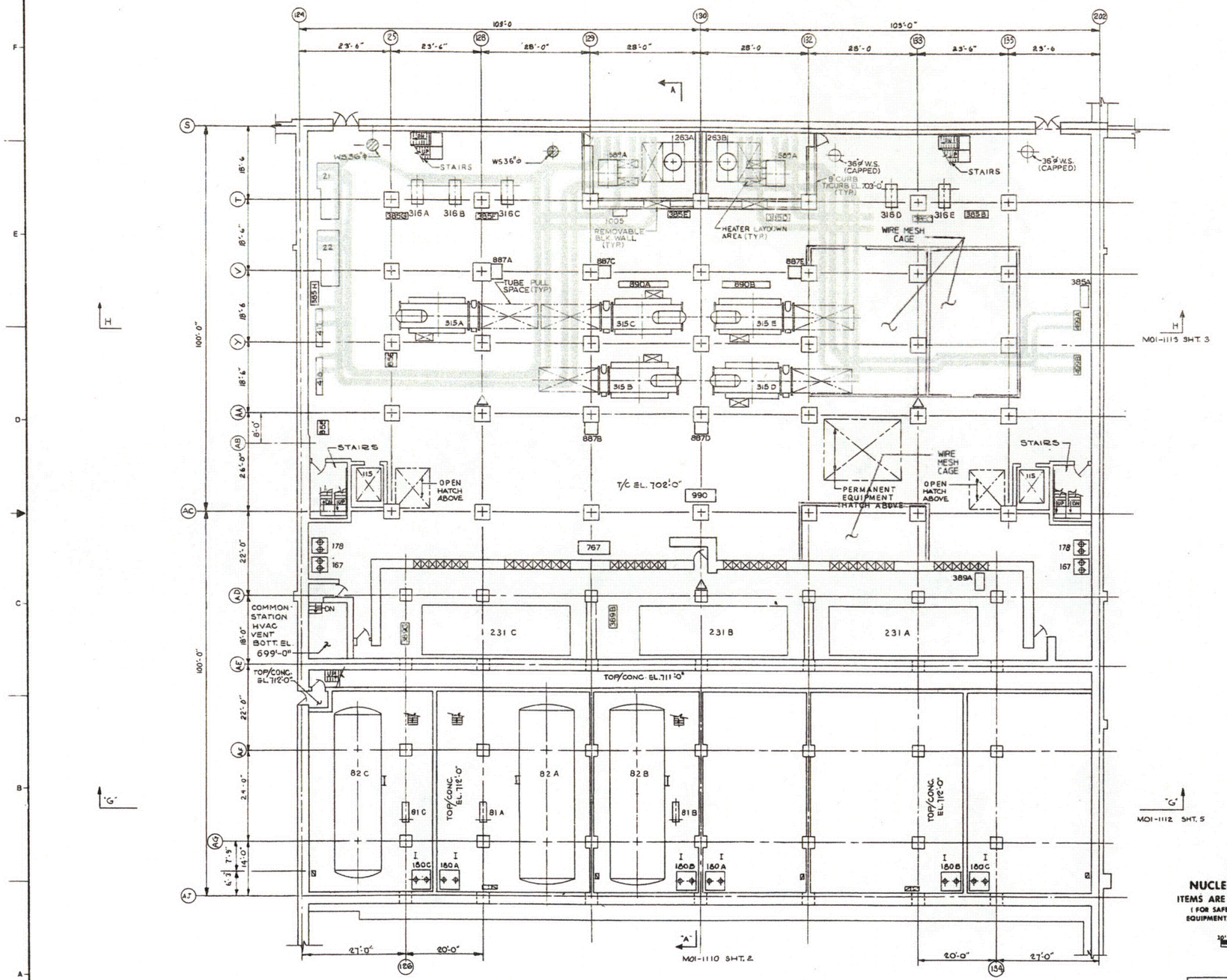
Aug 1994



ITEM	EQUIPMENT NAME
81	DIESEL GEN. OIL TRANS. PUMPS
82	DIESEL GEN. OIL STORAGE TANKS
115	CONTROL BLDG. ELEV.
167	HVAC BLDG. EQUIP. DRAIN SUMP
178	HVAC BLDG. FLOOR DRAIN SUMP
180	DIESEL GEN. BLDG SUMP
231	DRYWELL PURGE UNIT
263	HYDROGEN RECOMBINER
315	PLANT CHILLED WATER CHILLER
316	PLANT CHILLED WATER PUMP
385, 389	AREA COOLERS
21	480V UNIT SUB 1F
22	480V UNIT SUB 1G
589	HYDROGEN RECOMBINER RM COIL CAB. DIV. I & DIV. II

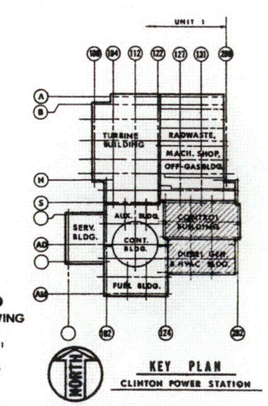
ITEM	INSTRUMENT AND CONTROL PANELS EQUIPMENT NAME
855	SSW EFFL. 1
856	SSW EFFL. 2
767	DRYWELL PURGE VENT PNL.
887	PLANT CHILLED WATER CONT PNL.
890	PLANT CHILLED WATER I.R
990	REFRIG. PURGE HVAC PANEL
1005	HYDROGEN RECOMBINER HVAC PNL.

ITEM	ELECTRICAL EQUIPMENT NAME
417	CB MCC 1A, 2A
418	CB MCC 1B, 2B
499	DRYWELL PURGE HTG. MCC A,B

△ BREATHING AIR STATION

NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
(FOR SAFETY CLASSIFICATION SEE PIPING, EQUIPMENT, VALVE, OR INSTRUMENT LISTS.)

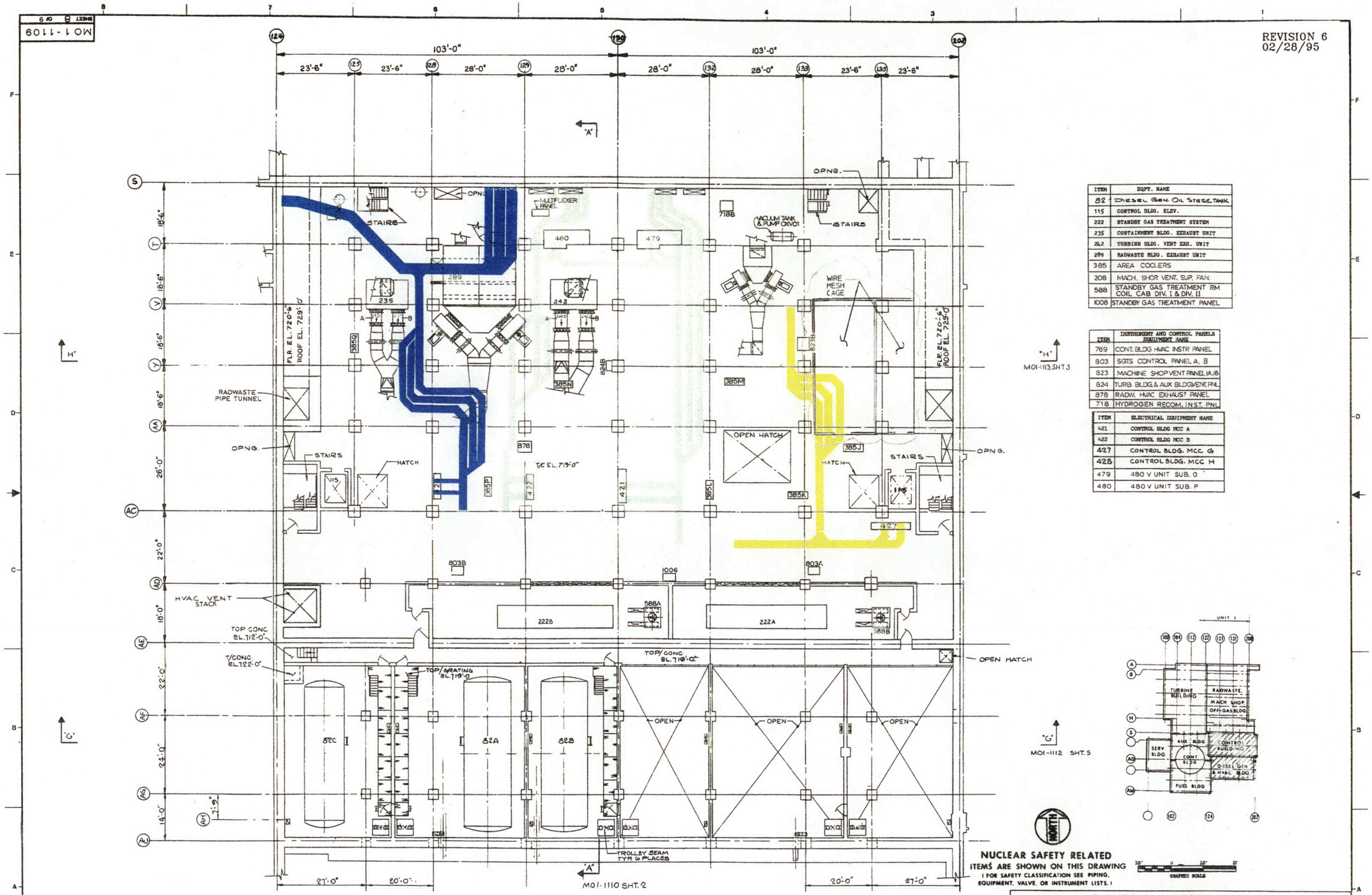
GRAPHIC SCALE



KEY PLAN
CLINTON POWER STATION

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE-7- CABLE TRAY
GENERAL ARRANGEMENT
CONTROL & DIESEL-GENERATOR BUILDING
BASEMENT FLOOR PLAN - EL. 702'-0" & 712'-0"

REVISION 6
02/28/95



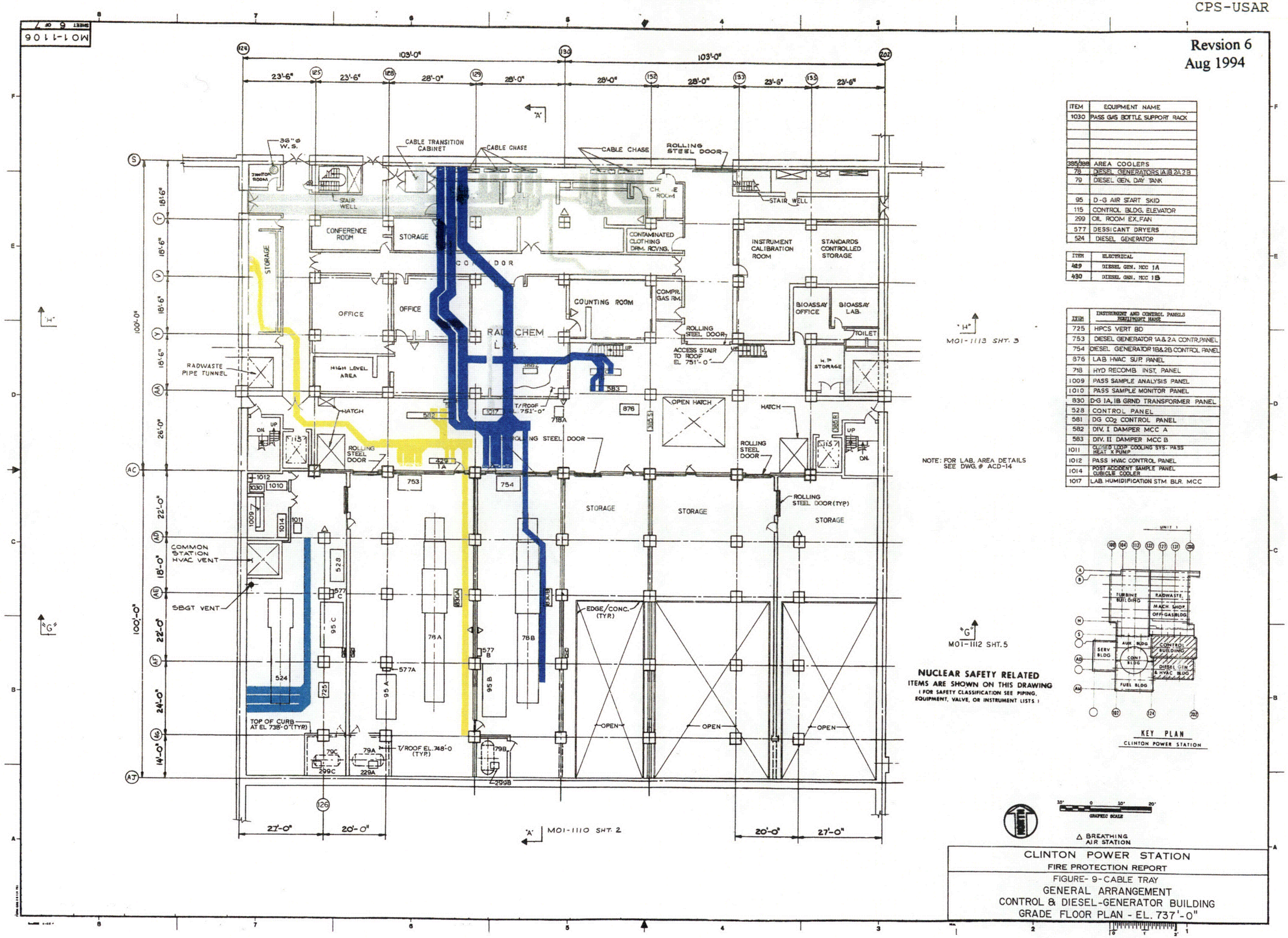
ITEM	EQPT. NAME
82	DIESEL GEN. OIL STORE. TANK
115	CONTROL BLDG. ELEV.
222	STANDBY GAS TREATMENT SYSTEM
235	CONTAINMENT BLDG. EXHAUST UNIT
242	TURBINE BLDG. VENT EXH. UNIT
289	RADWASTE BLDG. EXHAUST UNIT
385	AREA COOLERS
208	MACH. SHOP VENT. SUP. FAN.
588	STANDBY GAS TREATMENT RM COIL CAB DIV. I & DIV. II
1006	STANDBY GAS TREATMENT PANEL

ITEM	INSTRUMENT AND CONTROL PANELS EQUIPMENT NAME
769	CONT. BLDG HVAC INSTR PANEL
803	SGTS CONTROL PANEL A, B
823	MACHINE SHOP VENT PANEL 1A, 1B
824	TURB. BLDG. & AUX BLDG VENT. PNL
878	RADW. HVAC EXHAUST PANEL
718	HYDROGEN RECOM. INST. PNL

ITEM	ELECTRICAL EQUIPMENT NAME
421	CONTROL BLDG MCC A
422	CONTROL BLDG MCC B
427	CONTROL BLDG. MCC G
428	CONTROL BLDG. MCC H
479	480 V UNIT SUB. O
480	480 V UNIT SUB. P

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE-8-CABLE TRAY
GENERAL ARRANGEMENT
CONTROL BUILDING
FLOOR PLAN - EL. 719'-0"

Revsion 6
Aug 1994



ITEM	EQUIPMENT NAME
1030	PASS GAS BOTTLE SUPPORT RACK
395/396	AREA COOLERS
78	DIESEL GENERATORS 1A/B 2A 2B
79	DIESEL GEN. DAY TANK
95	D-G AIR START SKID
115	CONTROL BLDG. ELEVATOR
299	OIL ROOM EX. FAN
577	DESSICANT DRYERS
524	DIESEL GENERATOR

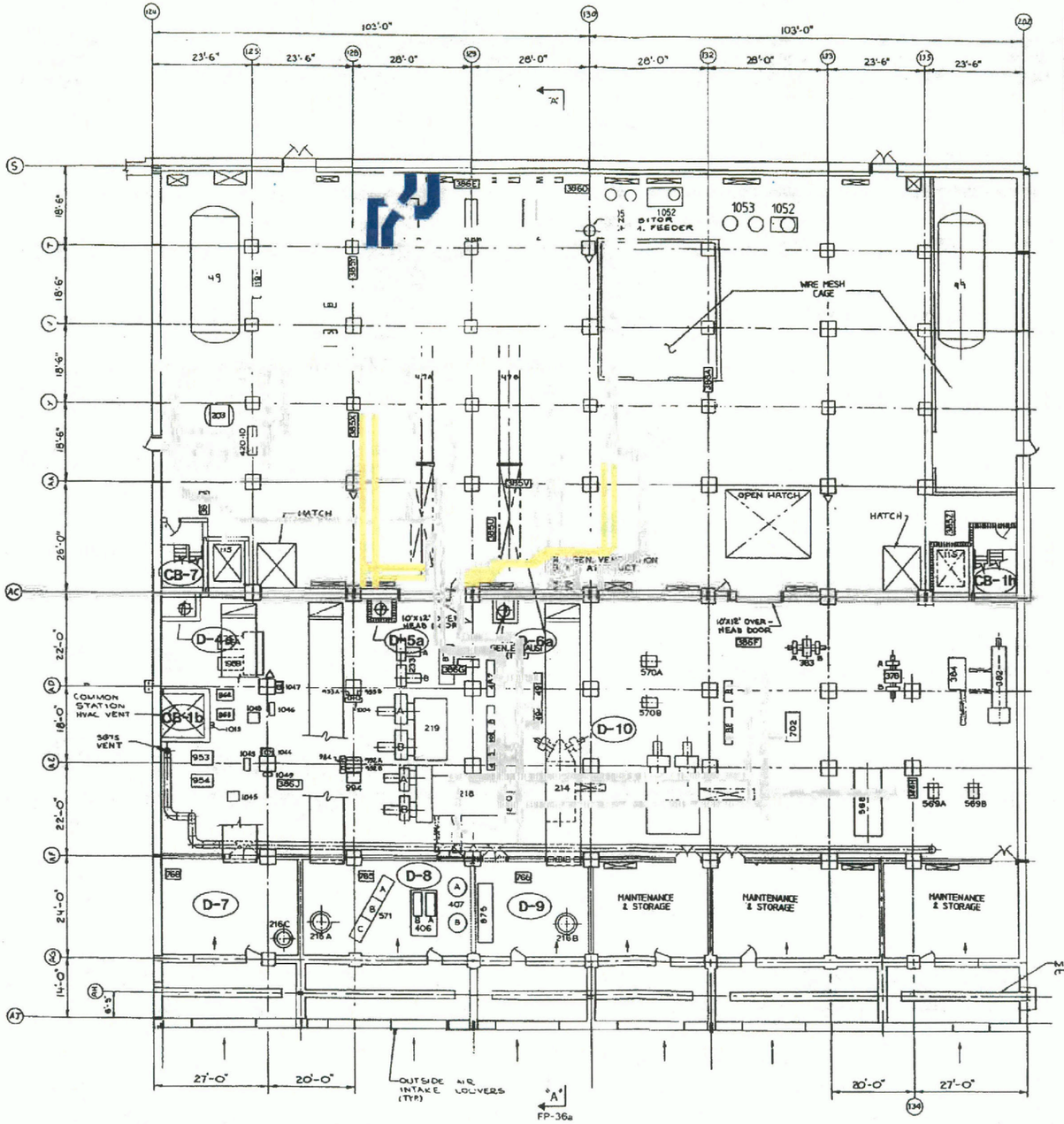
ITEM	ELECTRICAL
429	DIESEL GEN. MCC 1A
430	DIESEL GEN. MCC 1B

ITEM	INSTRUMENT AND CONTROL PANELS EQUIPMENT NAME
725	HPCS VERT BD
753	DIESEL GENERATOR 1A & 2A CONTR. PANEL
754	DIESEL GENERATOR 1B & 2B CONTROL PANEL
876	LAB HVAC SUP. PANEL
718	HYD RECOMB. INST. PANEL
1009	PASS SAMPLE ANALYSIS PANEL
1010	PASS SAMPLE MONITOR PANEL
830	D-G 1A, 1B GRND TRANSFORMER PANEL
528	CONTROL PANEL
581	DG CO_2 CONTROL PANEL
582	DIV. I DAMPER MCC A
583	DIV. II DAMPER MCC B
1011	CLOSED LOOP COOLING SYS. PASS HEAT X PUMP
1012	PASS HVAC CONTROL PANEL
1014	POST ACCIDENT SAMPLE PANEL CUBICLE COOLER
1017	LAB. HUMIDIFICATION STM. BLR. MCC

CLINTON POWER STATION
FIRE PROTECTION REPORT

FIGURE- 9-CABLE TRAY
GENERAL ARRANGEMENT
CONTROL & DIESEL-GENERATOR BUILDING
GRADE FLOOR PLAN - EL. 737'-0"

Revision 12
January 2007



ITEM	ELECTRICAL EQUIPMENT NAME
957	SGTS EXH. RAD. MONITOR GLI-1
955	COMMON STA. HVAC EXH. RAD MON GLI-1
984	SGTS EXH. RAD MONITOR DAM-4-6
1004	COMMON STA. HVAC EXH. RAD MON. DAM-4-6
452G	125VDC SP. BOP BATT. CHRGR

ITEM	EQUIPMENT NAME (MECH)
1052	DEMINERALIZER SKID
1053	DEMINERALIZER FILTERS

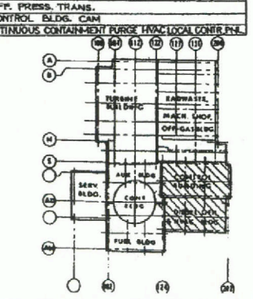
ITEM	EQUIPMENT NAME (MECH)
1043	SGTS EXH RAD MONITOR GSP-1
1044	SGTS EXH RAD. MONITOR BPA-1
1045	SGTS EXH. RAD. MONITOR NGR1
1046	COMMON STA HVAC EXH. RAD. MON. GSP-1
1047	COMMON STA HVAC EXH. RAD. MON BPA-1
1048	COMMON STA HVAC EXH. RAD. MON. NGR1
1049	SGTS EXH. RAD. MONITOR COOLER

ITEM	EQUIPMENT NAME	
571	EMERGENCY BREATHING AIR FILTER UNIT A,B,C	RETIRED IN PLACE
47	COMPONENT COOLING WATER HX	
48	COMPONENT COOLING WATER PUMP	
49	COMPONENT COOLING WATER TANK	
115	CONTROL BLDG. ELEV.	
196	AUX BLDG. VENT. EXHAUST FANS A & B	
203	PLANT CHILLED WTR. COMP. TANK	
214	DIESEL GEN. MAKE-UP FAN	
215	LAB MAKE-UP FAN	
216	DIESEL GEN. VENT. FAN	
218	FUEL BLDG. VENT S A UNIT	
219	FUEL BLDG VENT. EXHAUST AIR FANS 1A & 1B	
233	LAB EXHAUST FAN	
378	CONTROL BLDG. DECON. ROOM EXH. FANS A & B	
382	CTG. ROOM SUPPLY FAN	
383	CTG. ROOM EXH. FANS A & B	
384	CTG. ROOM CONDENSING UNIT.	
405 / 588	AREA COOLERS	
406	BREATHING AIR COMP.	RETIRED IN PLACE
407	BREATHING AIR TANK	RETIRED IN PLACE
568	CONTINUOUS CONTAINMENT PURGE SUPPLY AIR FILTER COL. CABINET	
569	CONTINUOUS CONTAINMENT PURGE SUPPLY AIR FAN 1A, 1B	
570	CONTINUOUS CONTAINMENT PURGE EXHAUST AIR FAN 1A, 1B	

ITEM	INSTRUMENTATION
765	DIESEL GEN. ROOM 1A & 2A VENT PANEL
766	DIESEL GEN. ROOM 1B & 2B VENT PANEL
768	DIESEL GEN. ROOM 1C & 2C VENT PANEL
875	AUX & LAB BLDG EXHAUST HVAC PANEL
879	FUEL BLDG. SUPP & EXHAUST HVAC SYSTEM PANEL
880	D-GEN MAKE-UP FAN VENT PANEL
857	CCW EFFL. RAD. MONITORING SKID
862	HVAC STACK MONT. #1
863	HVAC STACK MONT. #2
953	SGTS. RAD. MONITOR #1

ITEM	ELECTRICAL EQUIPMENT NAME
419	CONTROL BLDG MCC 1C
420	CONTROL BLDG MCC1D
485	FUEL BLDG. HTG MCC 1A
486	FUEL BLDG. HTG. MCC. 1B
487	D-G MU HTG MCC 1
488	LAB. PRE. HTG. MCC A
489	LAB. PRE. HTG. MCC. B
490	LAB. A-A HTG. MCC.
491	LAB. DD HTG. MCC.
494	CNTG. ROOM HTG. MCC A
495	CNTG. ROOM HTG. MCC B

ITEM	INSTRUMENTATION
954	SGTS. RAD. MONITOR #2
994	AUX BLDG. HVAC EXHAUST FAN PANEL
1013	DIFF. PRESS. TRANS.
963	CONTROL BLDG. CAM
702	CONTINUOUS CONTAINMENT PURGE HVAC LOCAL CONTR. PNL

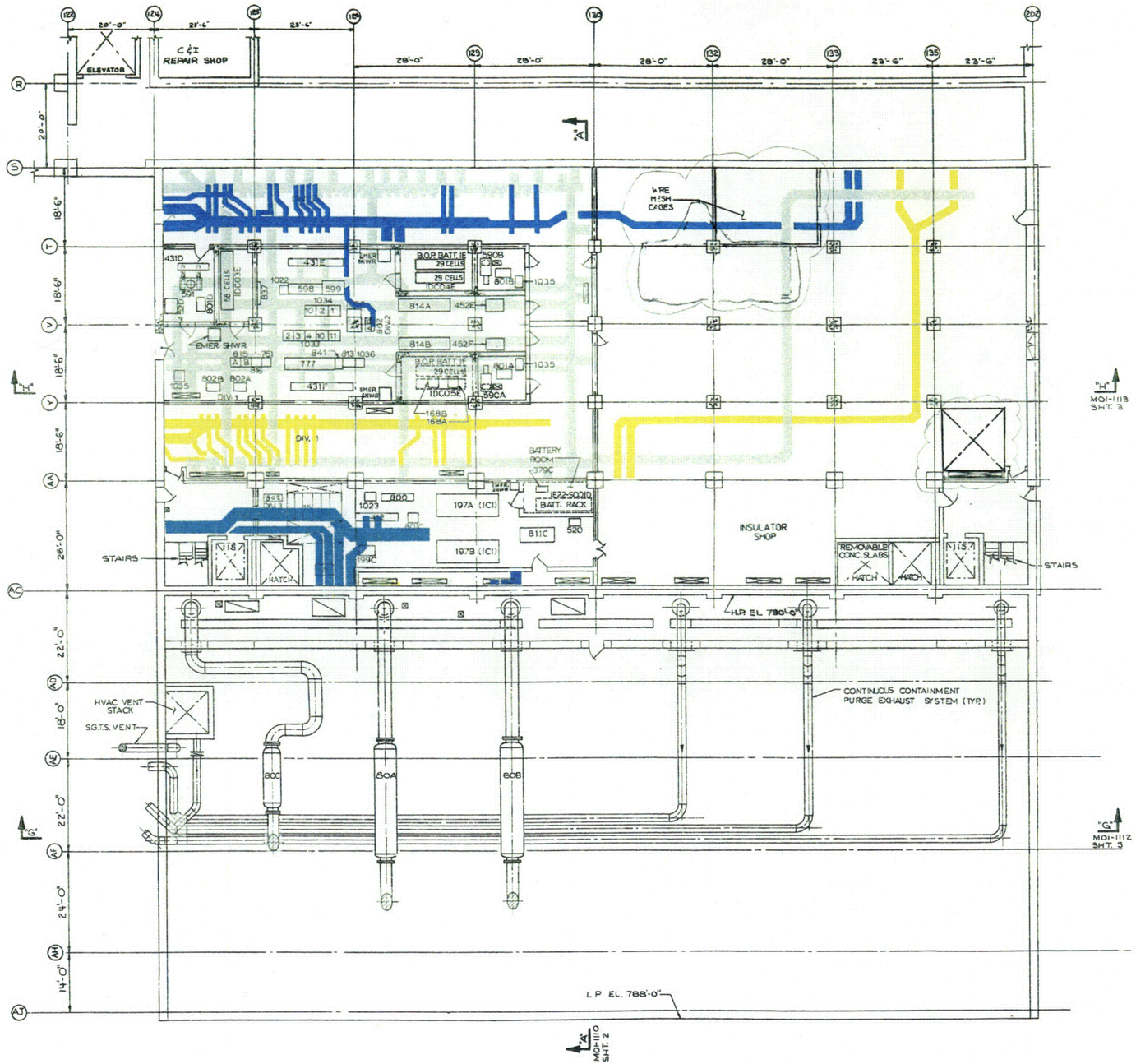


CLINTON POWER STATION
FIRE PROTECTION REPORT

FIGURE-10-CABLE TRAY
GENERAL ARRANGEMENT
CONTROL & DIESEL- GENERATOR BUILDING
MEZZANINE FLOOR PLAN- EL 762'-0"

REVISION 7
MAY 1997

M01-1109
SHEET 3 OF 9

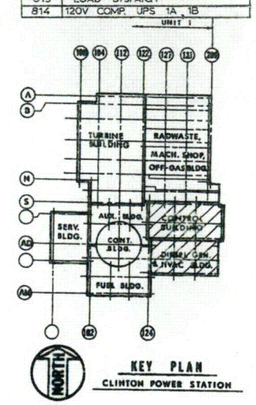


ITEM	INSTR. AND CONTROL PANELS
1022	MET TOWER INTERFACE CABINET
1023	REGULATED TRANSFORMER

ITEM	EQUIPMENT NAME
80	DIESEL GEN. SILENCER
115	CONTROL BLDG. ELEVATOR
199	SWGEAR HEAT REM. CONDENSING UNIT
379	BATT. ROOM EXHAUST FAN
168	SWGR. RETURN FAN
590	DIV. 1 & DIV. 2 INVERTER RM COIL CAB
591	DIV. 4 INVERTER RM COIL CAB
1022	MET TOWER INTERFACE CABINET

ITEM	ELECTRICAL EQUIPMENT NAME
431	125 V DC MCC 1E, 1D, 1F
452	125 V BATT. CHARGER
520	DIV. 3 BATT. CHARGER
15	4.16 KV SWITCHGEAR 1C1
18	480 V TRANSFORMER 1C
197	SWITCHGEAR HEAT REMOVAL UNIT
412	MOTOR CONTROL CENTER 1C1

ITEM	INSTR. AND CONTROL PANELS
837	IONIZATION FIRE DETECTION PANEL
1008	INVERTER ROOM CUBICLE HVAC PNL
761	ERAT PROT. RELAY PANEL
800	AUX. BLDG. MCC 1C
777	TURBINE EHC CABINET
811	SWITCHGEAR RM 1C VENT PANEL
815	GEN. PROTECTIVE RELAY PANEL 1A (G1-1), 1B (G1-2)
816	RAT-1 PROTECTIVE RELAY PANEL
801	INVERTER
802	OPT. ISO. CABINET DIV. 1,2,3
841	TSI CABINET
598	T & S PWR. SUP. CAB.
599	MISC. AUTO CONT. CAB.
813	LOAD DISPATCH
814	120V COMP. UPS 1A, 1B

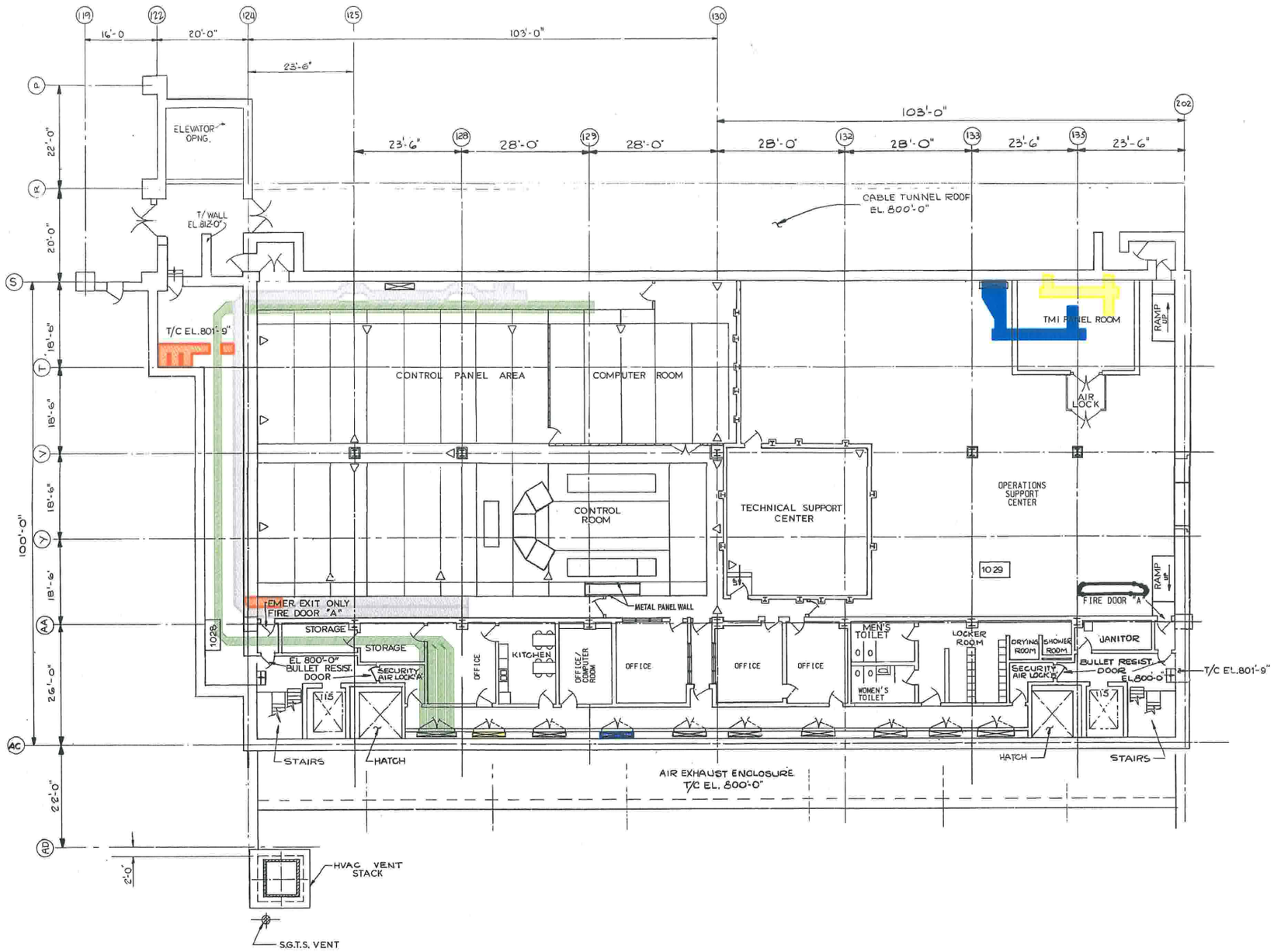


KEY PLAN
CLINTON POWER STATION

NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
(FOR SAFETY CLASSIFICATION SEE PIPING, EQUIPMENT, VALVE, OR INSTRUMENT LISTS.)

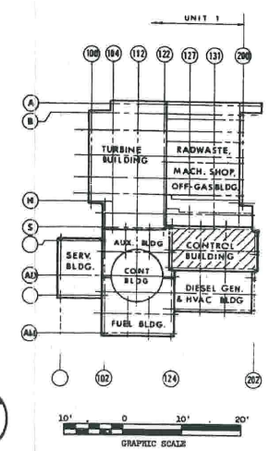
CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE-11- CABLE TRAY
GENERAL ARRANGEMENT
CONTROL BUILDING
FLOOR PLAN - EL. 781'-0"

Revision 12
January 2007



ITEM	EQPT. NAME
115	CONTROL BLDG. ELEV.
1028	CONTROL ROOM AIR BOTTLES
1029	CONTROL ROOM AIR BOTTLES

△ BREATHING AIR STATION



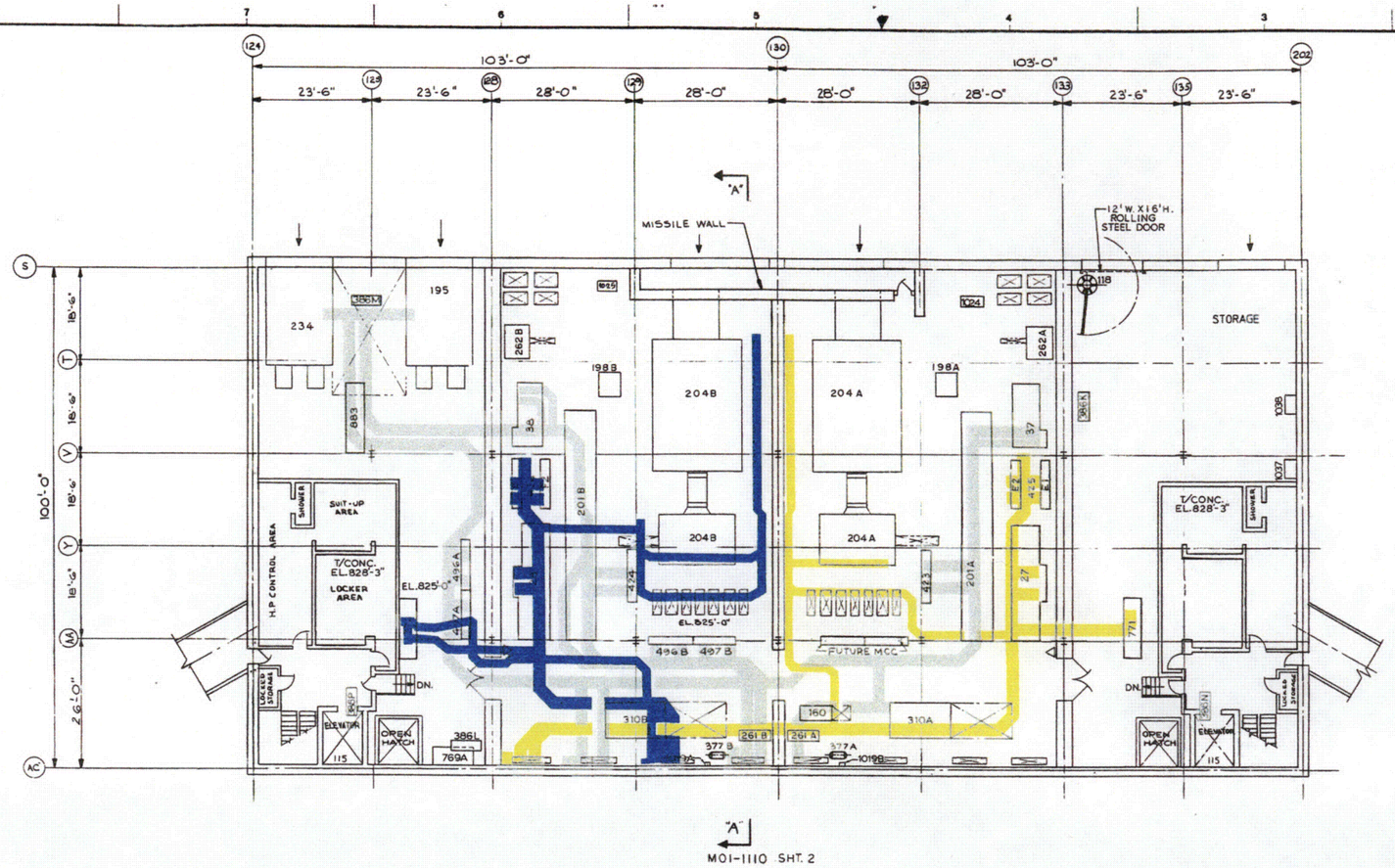
NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
(FOR SAFETY CLASSIFICATION SEE PIPING, EQUIPMENT, VALVE, OR INSTRUMENT LISTS.)

CLINTON POWER STATION
FIRE PROTECTION REPORT

FIGURE - 12 - CABLE TRAY GENERAL ARRANGEMENT CONTROL BUILDING MAIN FLOOR PLAN - EL.800'-0"

REVISION 7
JANUARY 1997

M01-1108
SHEET 8 OF 8

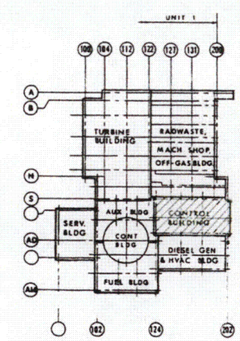


ITEM	EQUIPMENT NAME
115	CONTROL BLDG ELEVATOR
118	JIB CRANE
195	AUX. BLDG. VENT AIR SUPPLY UNIT
198	CONTROL ROOM RETURN AIR FAN
201	CONTROL ROOM AIR FILTER PACKAGE
204	CONTROL ROOM AIR HANDLING UNIT
234	CONT. BLDG. VENT AIR SUPPLY UNIT
261	CHILLED WATER PUMP
262	EQPT ROOM AIR HAND. UNIT
377	CONTROL ROOM COMP. TANK
386	AREA COOLERS
160	CONT. RM. HUMID. BOILER
310	CONTROL ROOM SYSTEM CHILLERS

ITEM	INSTRUMENT AND CONTROL PANELS EQUIPMENT NAME
769	CONTAINMENT BLDG. HVAC SUPPLY PNL.
*019	CONTROL ROOM CHILLER HPCV CONTROL PANEL
771	CONTROL ROOM HVAC PANEL A
772	CONTROL ROOM HVAC PANEL B
883	AUXILIARY BLDG. HVAC SUPPLY PNL.
1024	REGULATING TRANSFORMER
1025	REGULATING TRANSFORMER

ITEM	ELECTRICAL EQUIPMENT NAME
27	480V UNIT SUBSTATION A
28	480V UNIT SUBSTATION B
37	480V UNIT SUBSTATION K
38	480V UNIT SUBSTATION L
423	CONTROL BLDG. MCC C, HTG. MCC A
424	CONTROL BLDG. MCC D, HTG. MCC B
425	CONTROL BLDG. MCC E1, E2
426	CONTROL BLDG. MCC F1, F2
496	CNMT. HTD. MCC 1A & 1B
497	AUX. BLD. HTD MCC A & B
1037	CHLORINE DETECTOR PANEL
1038	CHLORINE DETECTOR PANEL

RETIRED IN PLACE PER VCF013



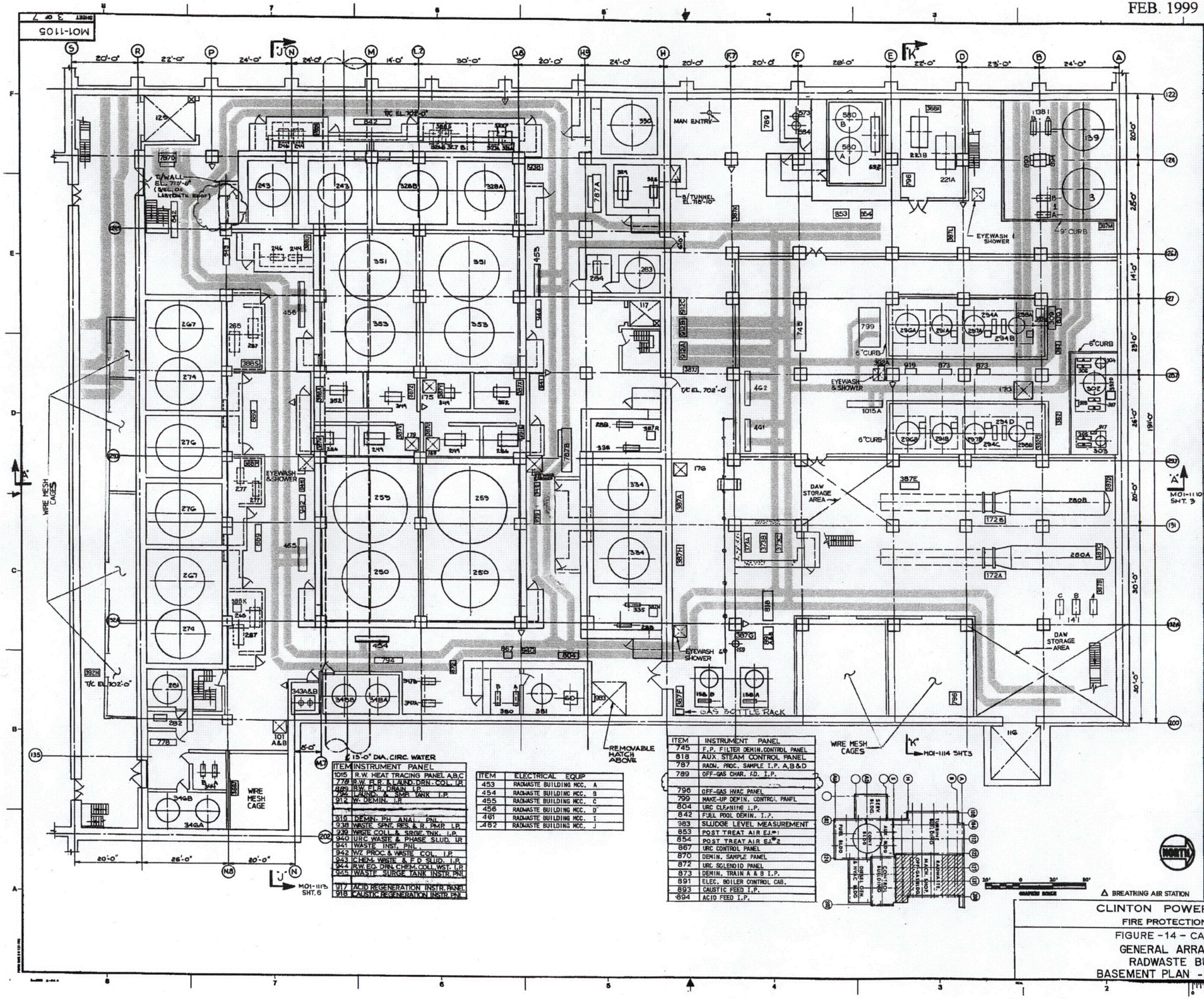
△ BREATHING AIR STATION

NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
(FOR SAFETY CLASSIFICATION SEE PIPING, EQUIPMENT, VALVE, OR INSTRUMENT LISTS.)

NORTH

10' 0 10' 20'
GRAPHIC SCALE

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE - 13 - CABLE TRAY
GENERAL ARRANGEMENT
CONTROL BUILDING
VENTILATION ROOM FLOOR PLAN - EL. 825'-0"



ITEM	INSTRUMENT PANEL
1015	R.W. HEAT TRACING PANEL A,B,C
778	R.W. FLR. & LAUND. DRN. COL. I.P.
889	R.W. FLR. DRAIN I.P.
796	LAUND. & SURG. TANK I.P.
912	W. DEMIN. I.P.
915	DEMIN. PH. ANAL. PNL.
938	WASTE SPNT. RES. & R. PMP. I.P.
939	WASTE COLL. & SURGE TNK. I.P.
940	URC WASTE & PHASE SLUD. I.P.
941	WASTE INST. PNL.
942	W. PROC. & WASTE COL. I.P.
943	CHEM. WASTE & F.D. SLUD. I.P.
944	R.W. EQ. DRN. CHEM. COLL. WST. I.P.
945	WASTE SURGE TANK INSTR. PNL.
917	ACID REGENERATION INSTR. PANEL
918	CAUSTIC REGENERATION INSTR. PNL.

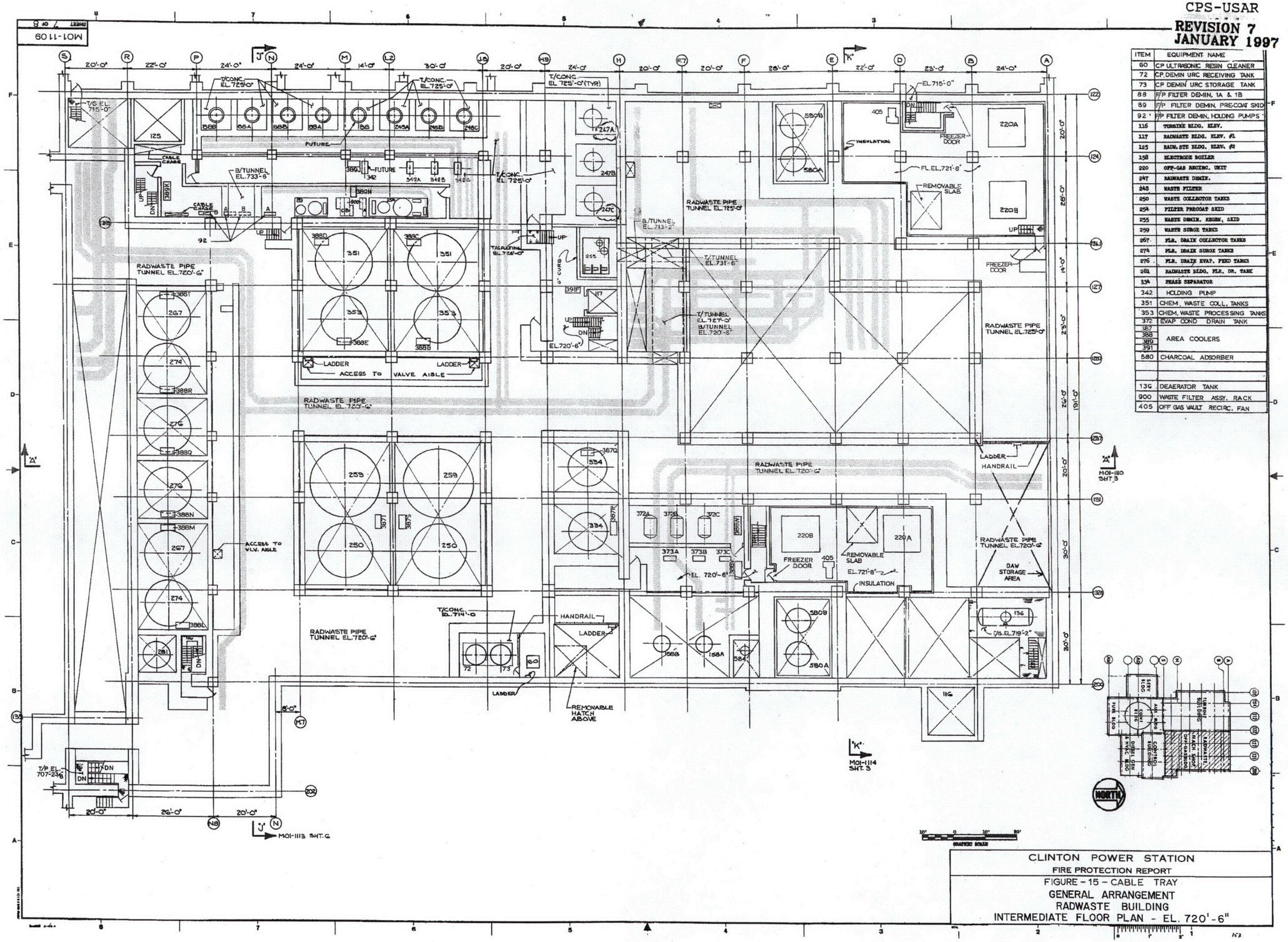
ITEM	ELECTRICAL EQUIP
453	RADWASTE BUILDING MCC. A
454	RADWASTE BUILDING MCC. B
455	RADWASTE BUILDING MCC. C
456	RADWASTE BUILDING MCC. D
461	RADWASTE BUILDING MCC. I
462	RADWASTE BUILDING MCC. J

ITEM	INSTRUMENT PANEL
745	F.P. FILTER DEMIN. CONTROL PANEL
818	AUX. STEAM CONTROL PANEL
787	RADW. PROC. SAMPLE I.P. A,B&D
789	OFF-GAS CHAR. F.D. I.P.
796	OFF-GAS HVAC PANEL
799	MAKE-UP DEMIN. CONTROL PANEL
804	URC CLEANING I.P.
842	FUEL POOL DEMIN. I.P.
983	SLUDGE LEVEL MEASUREMENT
853	POST TREAT AIR EJ#1
854	POST TREAT AIR EJ#2
867	URC CONTROL PANEL
870	DEMIN. SAMPLE PANEL
872	URC SOLENOID PANEL
873	DEMIN. TRAIN A & B I.P.
891	ELEC. BOILER CONTROL CAB.
893	CAUSTIC FEED I.P.
894	ACID FEED I.P.

ITEM	EQUIPMENT NAME
1	ACID TRANSFER PUMP
3	ACID STORAGE TANK
60	ULTRASONIC RESIN CLEANER
101	LAUNDRY FLOOR DRAIN SUMP
116	TURB BLDG ELEVATOR UNIT#2
117	RADWASTE BLDG ELEV#2
125	RADWASTE BLDG ELEV#1
138	CAUSTIC TRANSF PUMP
139	CAUSTIC STORGE TANK
141	AS PUMPS
158	ELECTRODE BOILER
159	AUX BOILER BLOWDOWN TANK
373	EVAP. COND. DRAIN TANK PUMP
169	RADWASTE EQUIP DRAIN SUMP
170	N.U. DEMIN. EQUIP. DR. SUMP
175	CHEM. WASTE SUMP
176	OFF GAS FLR. DR. SUMP
172	FLASH & DRAIN TANK
179	RADWASTE FLOOR DRAIN SUMP
221	OFF GAS REFRIGERATION UNIT
243	FP F/D SLUDGE TANK
244	FP F/D SLUDGE PUMP
246	FP F/D DECANT PUMP
249	WASTE COLLECTOR PUMP
250	WASTE COLLECTOR TANK
259	WASTE SURGE TANK
265	FLOOR DRAIN COLL. PUMP
267	FLOOR DRAIN COLL. TANK
274	FLOOR DRAIN SURGE TANKS
276	FLOOR DRAIN EVAP. FEED TANKS
277	FLOOR DRAIN EVAP. FEED PUMPS
280	REBOILERS
281	RADWASTE BLDG. FLR. DRAIN TANK
282	RADWASTE BLDG. FLR. DRAIN PUMP
283	RADWASTE BLDG. EQUIP. DR. TANK
284	RADWASTE BLDG. EQUIP. DR. PUMP
286	WASTE SURGE PUMP
287	FLOOR DRAIN SURGE PUMP
288	PHASE SEPARATOR SLUDGE PUMP
291	N.U. DEMIN. WEAK BASE ANION UNIT
294	N.U. DEMIN. RECYCLE PUMPS
296	N.U. DEMIN. STRONG ACID CATION UNITS
297	N.U. DEMIN. STRONG BASE ANION UNITS
298	N.U. DEMIN. MIXED BED UNITS
302	N.U. DEMIN. HOT WATER TANK
303	N.U. DEMIN. ACID DAY TANK
304	N.U. DEMIN. CAUSTIC DAY TANK
305	N.U. DEMIN. ACID REGEN. PUMPS
306	N.U. DEMIN. CAUSTIC REGEN. PUMPS
307	N.U. DEMIN. REGEN. PUMPS
309	N.U. DEMIN. SAMPLE SINK
325	SPENT RESIN DECANT PUMP
326	WASTE SLUDGE DECANT PUMP
327	WASTE SLUDGE PUMP
328	WASTE SLUDGE TANK
329	SPENT RESIN SLURGE PUMP
330	SPENT RESIN TANK
334	PHASE SEPARATOR
335	PHASE SEPARATOR DECANT PUMP
343	LAUNDRY DRAIN FILTER
344	LAUNDRY COLLECTOR PUMPS
573	BYPASS DELAY TANK
346	LAUNDRY DR. COLLECTOR TANK
347	LAUNDRY SAMPLE PUMPS
348	LAUNDRY SAMPLE TANKS
349	CHEM. WASTE COLL. PUMPS
351	CHEM. WASTE COLL. TANKS
352	CHEM. WASTE PROCESSING PUMP
353	CHEM. WASTE PROCESSING TANK
362	SILICA ANALYZER
380	C P URC COLLECTOR PUMP
381	URC COLLECTOR TANK
367, 368, 391, 392	AREA COOLERS
580	CHARCOAL ADSORBER
584	AFTER FILTER
592	GAS COOLER

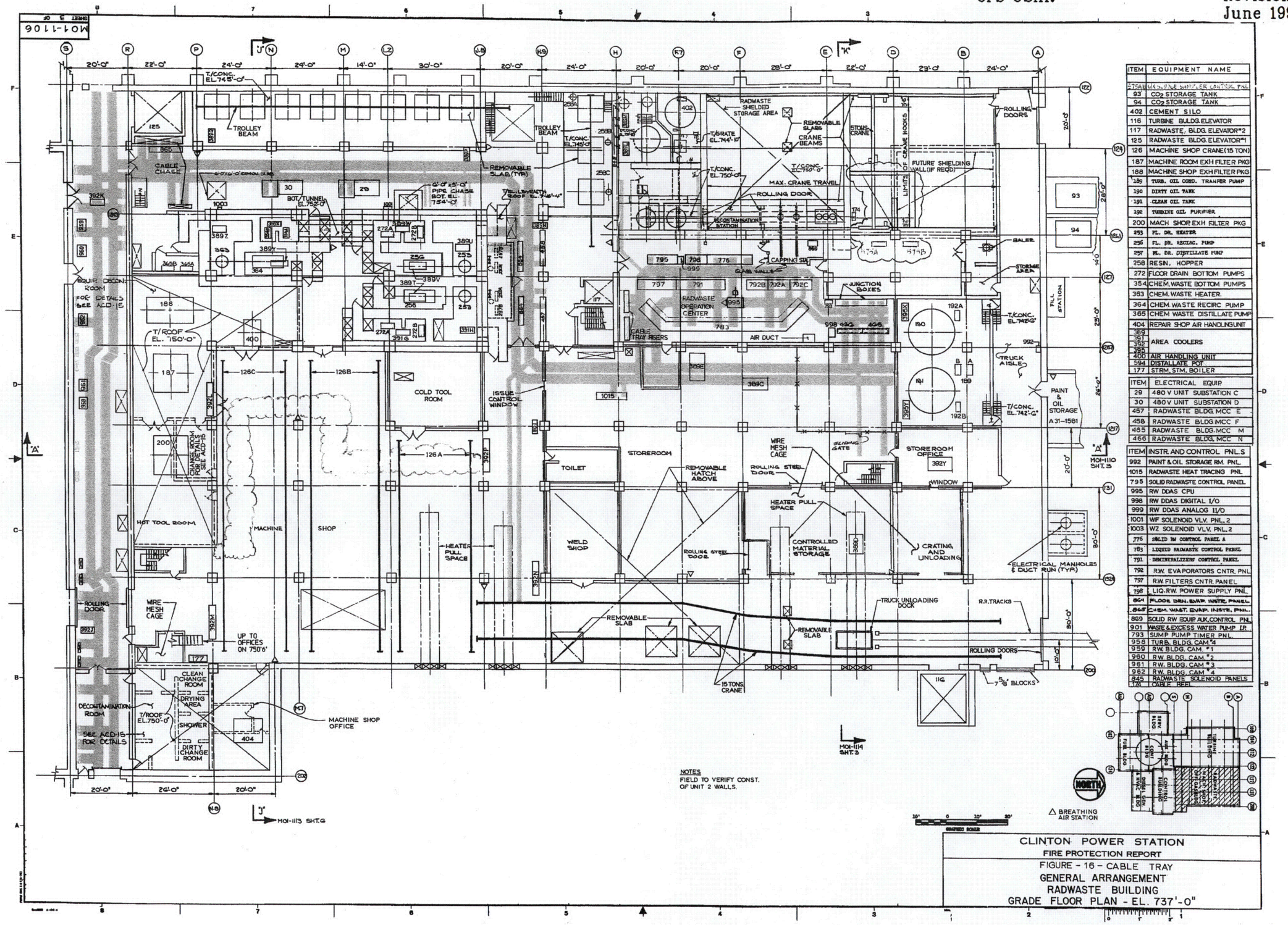
△ BREATHING AIR STATION

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE -14 - CABLE TRAY
GENERAL ARRANGEMENT
RADWASTE BUILDING
BASEMENT PLAN - EL. 702'-0"



ITEM	EQUIPMENT NAME
60	CP ULTRASONIC RESIN CLEANER
72	CP DEMIN URC RECEIVING TANK
73	CP DEMIN URC STORAGE TANK
88	F/P FILTER DEMIN, 1A & 1B
89	F/P FILTER DEMIN, PRE-COAT SKID
92	F/P FILTER DEMIN, HOLDING PUMPS
116	TURBINE BLDG. ELEV.
117	RADWASTE BLDG. ELEV. #1
125	RADW. STE BLDG. ELEV. #2
158	ELECTRODE BOILER
220	OFF-GAS RECIRC. UNIT
247	RADWASTE DEMIN.
248	WASTE FILTER
250	WASTE COLLECTOR TANKS
254	FILTER PRECOAT SKID
255	WASTE DEMIN. RESIN, SKID
259	WASTE SURGE TANKS
267	FLR. DRAIN COLLECTOR TANKS
274	FLR. DRAIN SURGE TANKS
276	FLR. DRAIN EVAP. FEED TANKS
281	RADWASTE BLDG. FLR. DR. TANK
334	PHASE SEPARATOR
342	HOLDING PUMP
351	CHEM. WASTE COLL. TANKS
353	CHEM. WASTE PROCESSING TANKS
372	EVAP COND DRAIN TANK
387, 388, 389, 391	AREA COOLERS
580	CHARCOAL ADSORBER
136	DEAERATOR TANK
900	WASTE FILTER ASSY. RACK
405	OFF GAS VAULT RECIRC. FAN

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE - 15 - CABLE TRAY
GENERAL ARRANGEMENT
RADWASTE BUILDING
INTERMEDIATE FLOOR PLAN - EL. 720'-6"



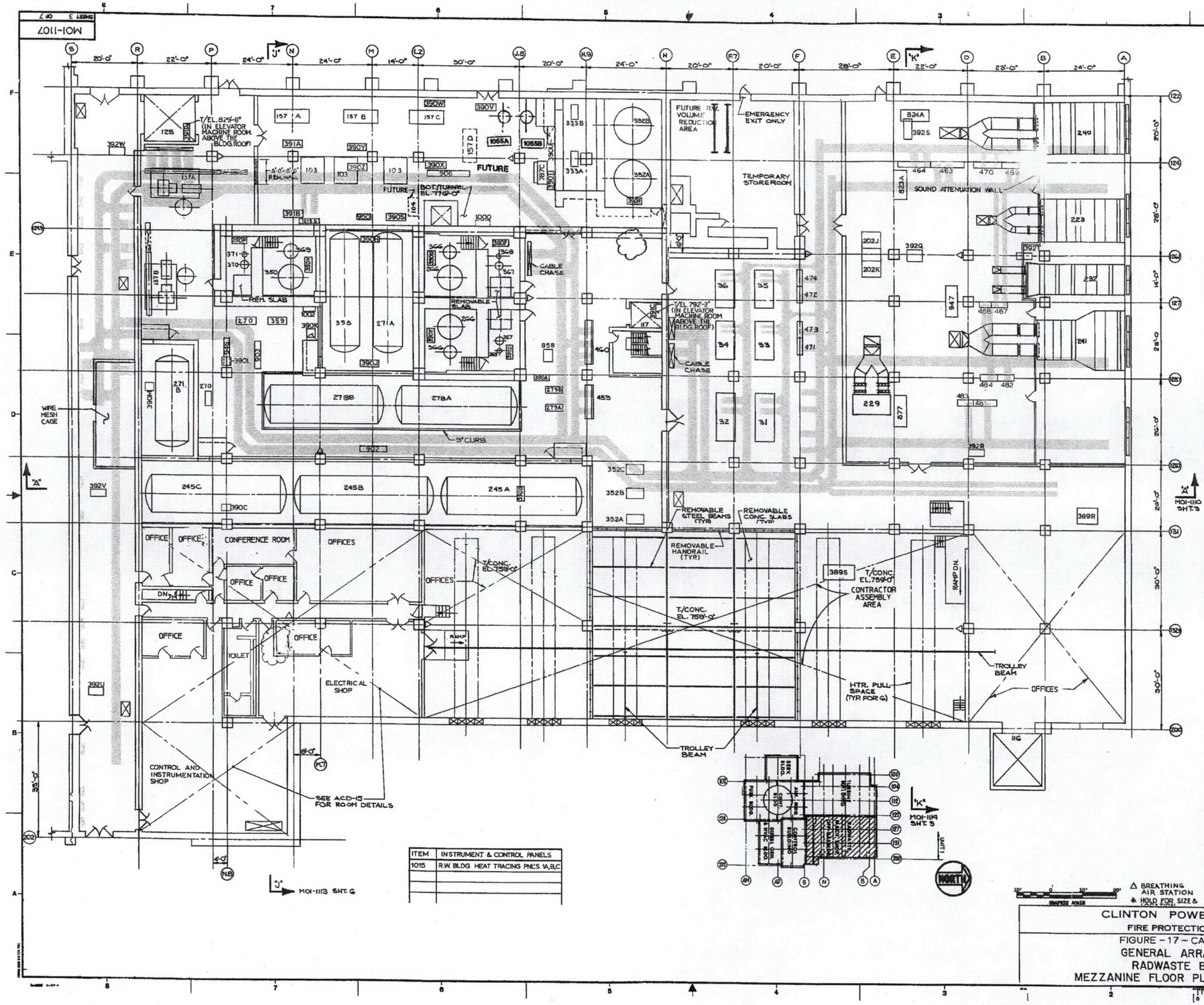
ITEM	EQUIPMENT NAME
75AU	MACHINE SHOP FILTER CONTROL PNL
93	CO_2 STORAGE TANK
94	CO_2 STORAGE TANK
402	CEMENT SILO
116	TURBINE BLDG. ELEVATOR
117	RADWASTE BLDG. ELEVATOR #2
125	RADWASTE BLDG. ELEVATOR #1
126	MACHINE SHOP CRANE (15 TON)
187	MACHINE ROOM EXH FILTER PKG
188	MACHINE SHOP EXH FILTER PKG
189	TURB. OIL COND. TRANFER PUMP
190	DIRTY OIL TANK
191	CLEAN OIL TANK
192	TURBINE OIL PURIFIER
200	MACH SHOP EXH FILTER PKG
253	FL. DR. HEATER
256	FL. DR. RECIRC. PUMP
257	FL. DR. DISTILLATE PUMP
258	RESIN HOPPER
272	FLOOR DRAIN BOTTOM PUMPS
354	CHEM. WASTE BOTTOM PUMPS
363	CHEM. WASTE HEATER.
364	CHEM. WASTE RECIRC PUMP
365	CHEM WASTE DISTILLATE PUMP
404	REPAIR SHOP AIR HANDLING UNIT
369 391 392 395	AREA COOLERS
400	AIR HANDLING UNIT
594	DISTALLATE POT
177	STRM. STM. BOILER

ITEM	ELECTRICAL EQUIP
29	480 V UNIT SUBSTATION C
30	480 V UNIT SUBSTATION D
457	RADWASTE BLDG. MCC E
458	RADWASTE BLDG MCC F
465	RADWASTE BLDG. MCC M
466	RADWASTE BLDG. MCC N

ITEM	INSTR. AND CONTROL PNL. S
992	PAINT & OIL STORAGE RM. PNL.
1015	RADWASTE HEAT TRACING PNL
795	SOLID RADWASTE CONTROL PANEL
995	RW DDAS CPU
998	RW DDAS DIGITAL I/O
999	RW DDAS ANALOG I/O
1001	WF SOLENOID VLV. PNL. 2
1003	WZ SOLENOID VLV. PNL. 2
776	SOLID RW CONTROL PANEL A
783	LIQUID RADWASTE CONTROL PANEL
791	DEMINERALIZERS CONTROL PANEL
792	R.W. EVAPORATORS CNTR. PNL
797	R.W. FILTERS CNTR. PANEL
798	LIQ. RW. POWER SUPPLY PNL.
864	FLOOR DRN. EVAP. INSTR. PANEL
865	CHEM. WAST. EVAP. INSTR. PNL.
869	SOLID RW EQUIP AUX. CONTROL PNL
901	WASTE & EXCESS WATER PUMP I.P.
793	SUMP PUMP TIMER PNL.
958	TURB. BLDG. CAM #4
959	RW. BLDG. CAM. #1
960	RW. BLDG. CAM. #2
961	RW. BLDG. CAM. #3
962	RW. BLDG. CAM #4
845	RADWASTE SOLENOID PANELS
174	CABLE REEL

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE - 16 - CABLE TRAY
GENERAL ARRANGEMENT
RADWASTE BUILDING
GRADE FLOOR PLAN - EL. 737'-0"

REVISION 8
AUGUST 1998



ITEM	INSTRUMENT & CONTROL PANELS
1015	R.W. BLDG. HEAT TRACING PNL'S 1A,B,C

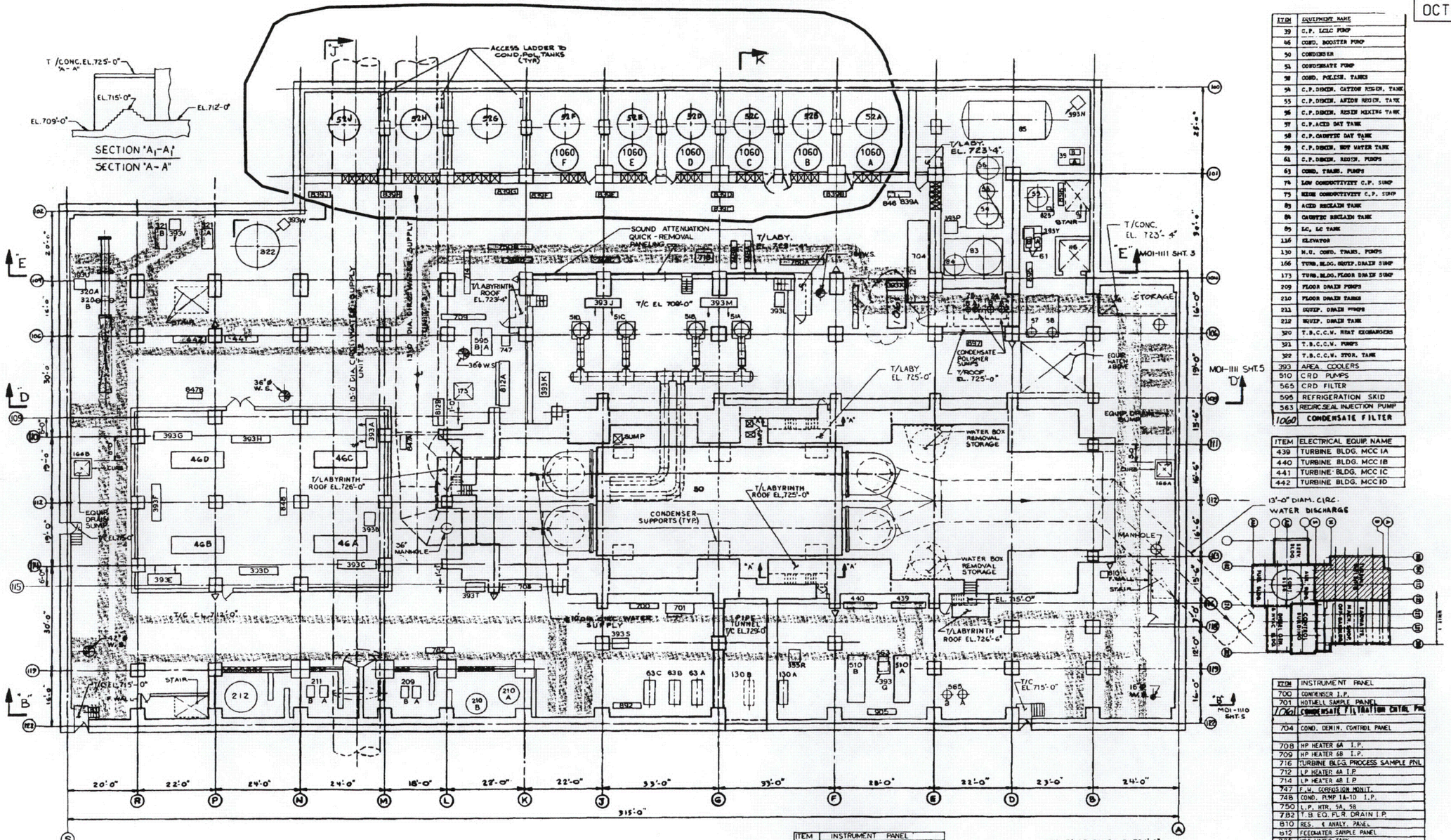
ITEM	EQUIPMENT NAME
31	480V UNIT SUBSTATION E
32	480V UNIT SUBSTATION F
33	480V UNIT SUBSTATION G
34	480V UNIT SUBSTATION H
35	480V UNIT SUBSTATION I
36	480V UNIT SUBSTATION J
103	INSTRUMENT AIR DRYER
104	INSTRUMENT AIR BOOSTER COMPRESSOR
116	TURB. BLDG. ELEV.
117	RADWASTE BLDG. ELEV. #1
125	RADWASTE BLDG. ELEV. #2
137	CONDENSER VACUUM PUMP
157	SERVICE AIR COMPRESSOR
202	ELECT. EQUIP. ROOM A.H.U.
223	MACHINE SHOP S. A. UNIT
229	STORE ROOM VENT EXHAUST
232	STORE ROOM VENT SUPPLY
240	TURB. BLDG. S.A. UNIT
241	RW BLDG. S.A. UNIT
245	WASTE SAMPLE TANKS
252	WASTE SAMPLE PUMPS
266	FLOOR DRAIN EVAP.
270	FLR. DR. EVAP. MON. PUMP
271	FLR. DR. EVAP. MON. TANK
278	EXCESS WATER TANKS
279	EXCESS WATER PUMPS
332	CONC. WASTE TANK
333	CONC WASTE PUMP
350	CHEM. WASTE EVAP.
356	CHEM. WASTE EVAP. MON. TANK
359	CHEM. WASTE EVAP. MON. PUMP
366	FL. DR. SEPARATOR
367	FL DR CONDENSER
368	FL DR SUBCOOLER
369	CHEM WASTE SEPARATOR
370	CHEM WASTE CONDENSER
371	CHEM WASTE SUBCOOLER
389,390 391 392	AREA COOLERS
459	RADWASTE BLDG. MCC G
460	RADWASTE BLDG. MCC H
463	RADWASTE BLDG. MCC K
464	RADWASTE BLDG. MCC L
467	STOREROOM HTG MCC A
468	STOREROOM HTG MCC B
469	MACHINE SHOP HTG. MCC A
470	MACHINE SHOP HTG. MCC B
471	TURB. BLDG. HTG. MCC 1A
472	TURB. BLDG. HTG. MCC 1B
473	TURB. BLDG. HTG. MCC 1C
474	TURB. BLDG. HTG. MCC 1D
1055	SERVICE AIR RECEIVER TANK
481	RADWASTE HTG. MCC A
482	RADWASTE HTG. MCC B
483	RADWASTE HTG. MCC C
484	RADWASTE HTG. MCC D

ITEM	INSTRUMENT & CONTROL PANEL
787	RW PROCESS SAMPLE PANEL C
823	MACHINE SHOP VENT PANEL
824	TURB. BLDG. SUP. VENT PANEL
877	R.W. BLDG. HVAC SUP PANEL
858	LIQ.R.W. DISCH
902	EX.WTR. TNK. I P
903	EVAP INST PANEL
906	S.A. COMP I.P.
946	FLR DRAIN EVAP INSTR PANEL
947	STORE ROOM HVAC INSTR. PANEL
950	IA & SA I P
1000	WF SOLENOID VLV. PNL. I
1002	WZ SOLENOID VLV. PNL. I

△ BREATHING AIR STATION
✱ HOLD FOR SIZE & LOCATION

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE - 17 - CABLE TRAY
GENERAL ARRANGEMENT
RADWASTE BUILDING
MEZZANINE FLOOR PLAN - EL. 762'-0"

REVISION 10
OCTOBER 2001



ITEM	EQUIPMENT NAME
39	C.P. LCLC PUMP
46	COND. BOOSTER PUMP
50	CONDENSER
51	CONDENSATE PUMP
52	COND. POLISH. TANKS
54	C.P.DEMIN. CATION RESIN. TANK
55	C.P.DEMIN. ANION RESIN. TANK
56	C.P.DEMIN. RESIN MIXING TANK
57	C.P.ACID DAY TANK
58	C.P.CAUSTIC DAY TANK
59	C.P.DEMIN. HOT WATER TANK
61	C.P.DEMIN. RESIN. PUMPS
63	COND. TRANS. PUMPS
74	LOW CONDUCTIVITY C.P. SUMP
75	HIGH CONDUCTIVITY C.P. SUMP
83	ACID RECLAIM TANK
84	CAUSTIC RECLAIM TANK
85	LC, LC TANK
116	ELEVATOR
130	M.U. COND. TRANS. PUMPS
166	TURB.BLDG. EQUIP.DRAIN SUMP
173	TURB.BLDG.FLOOR DRAIN SUMP
209	FLOOR DRAIN PUMPS
210	FLOOR DRAIN TANKS
211	EQUIP. DRAIN PUMPS
212	EQUIP. DRAIN TANK
320	T.B.C.C.W. HEAT EXCHANGERS
321	T.B.C.C.W. PUMPS
322	T.B.C.C.W. STOR. TANK
393	AREA COOLERS
510	CRD PUMPS
565	CRD FILTER
595	REFRIGERATION SKID
563	RECIRC.SEAL INJECTION PUMP
1060	CONDENSATE FILTER

ITEM	ELECTRICAL EQUIP. NAME
439	TURBINE BLDG. MCC 1A
440	TURBINE BLDG. MCC 1B
441	TURBINE BLDG. MCC 1C
442	TURBINE BLDG. MCC 1D

ITEM	INSTRUMENT PANEL
700	CONDENSER I.P.
701	HOTWELL SAMPLE PANEL
1060	CONDENSATE FILTRATION CNTRL PNL
704	COND. DEMIN. CONTROL PANEL
708	HP HEATER 6A I.P.
709	HP HEATER 6B I.P.
716	TURBINE BLDG. PROCESS SAMPLE PNL
712	LP HEATER 4A I.P.
714	LP HEATER 4B I.P.
747	F.W. CORROSION MONIT.
748	COND. PUMP 1A-1D I.P.
750	L.P. HTR. 5A, 5B
782	T.B. EQ. FLR. DRAIN I.P.
810	RES. & ANALY. PANEL
812	FEEDWATER SAMPLE PANEL
825	HOT WATER TANK
839	MIXED BED INST. & SOL. PANELS
846	MIXED BED RINSE & GRAIN PANEL

ITEM	INSTRUMENT PANEL
847	CD PUMP DISCH. FLOW I.P.
848	CB PUMP DISCH. FLOW I.P.
895	ACID/ CAUST. RECLAIM INSTR PNL.
896	LCLC INSTRUMENT PANEL
897	ACID/ CAUST. DILUTION SOL. PANEL
905	CRD INSTR. PANEL
892	MU COND. INST. PNL.

NOTE: T/LABYRINTH EL.724'-0" UNLESS NOTED

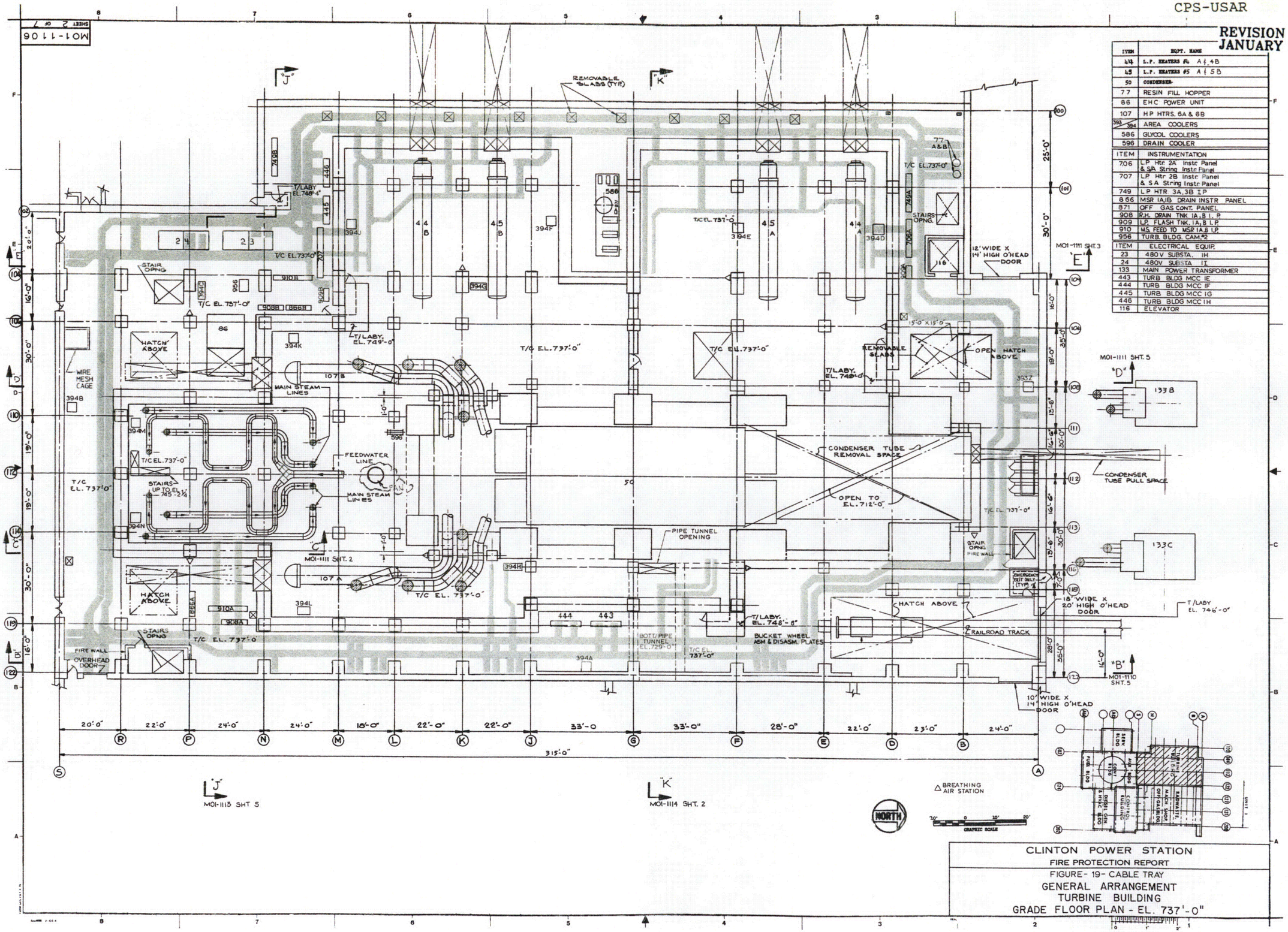
△ BREATHING AIR STATION

NORTH

GRAPHIC SCALE

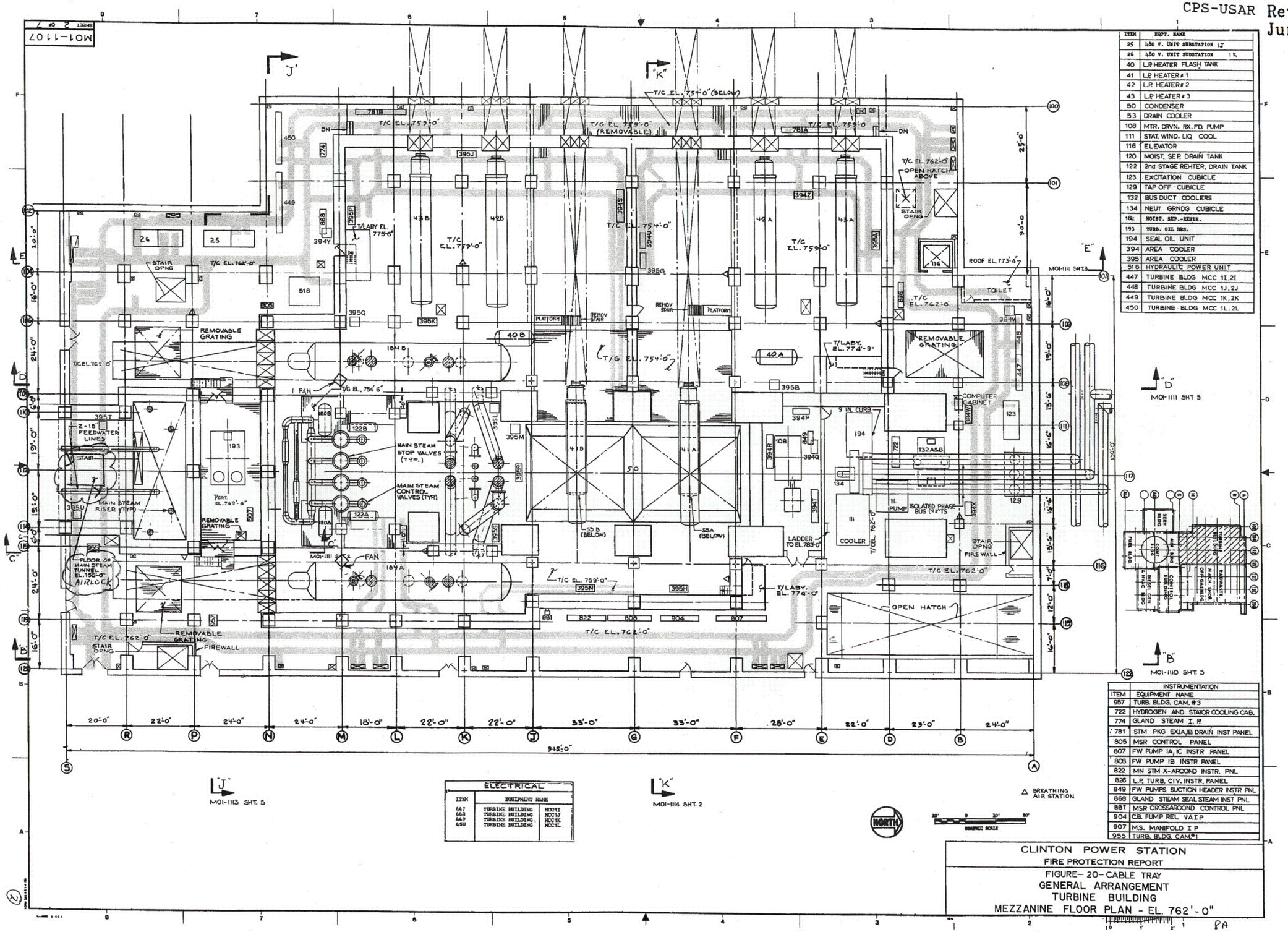
CLINTON POWER STATION
UPDATED SAFETY ANALYSIS REPORT

FIGURE - 18 - CABLE TRAY GENERAL ARRANGEMENT TURBINE BUILDING FLOOR PLAN EL.712'-0"



ITEM	EQPT. NAME
44	L.P. HEATERS #4 A & 4B
45	L.P. HEATERS #5 A & 5B
50	CONDENSER
77	RESIN FILL HOPPER
86	EHC POWER UNIT
107	HP HTRS. 6A & 6B
393 394	AREA COOLERS
586	GLYCOL COOLERS
596	DRAIN COOLER
ITEM	INSTRUMENTATION
706	LP Htr 2A Instr Panel & SA String Instr Panel
707	LP Htr 2B Instr Panel & SA String Instr Panel
749	LP HTR 3A, 3B I.P.
866	MSR 1A/B DRAIN INSTR PANEL
871	OFF GAS CONT. PANEL
908	R.H. DRAIN TNK 1A, B I.P.
909	LP FLASH TNK. 1A, B I.P.
910	MS FEED TO MSR 1A, B I.P.
956	TURB. BLDG. CAM. #2
ITEM	ELECTRICAL EQUIP.
23	480V SUBSTA. 1H
24	480V SUBSTA 1I
133	MAIN POWER TRANSFORMER
443	TURB BLDG MCC 1E
444	TURB BLDG MCC 1F
445	TURB BLDG MCC 1G
446	TURB BLDG MCC 1H
116	ELEVATOR

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE- 19- CABLE TRAY
GENERAL ARRANGEMENT
TURBINE BUILDING
GRADE FLOOR PLAN - EL. 737'-0"

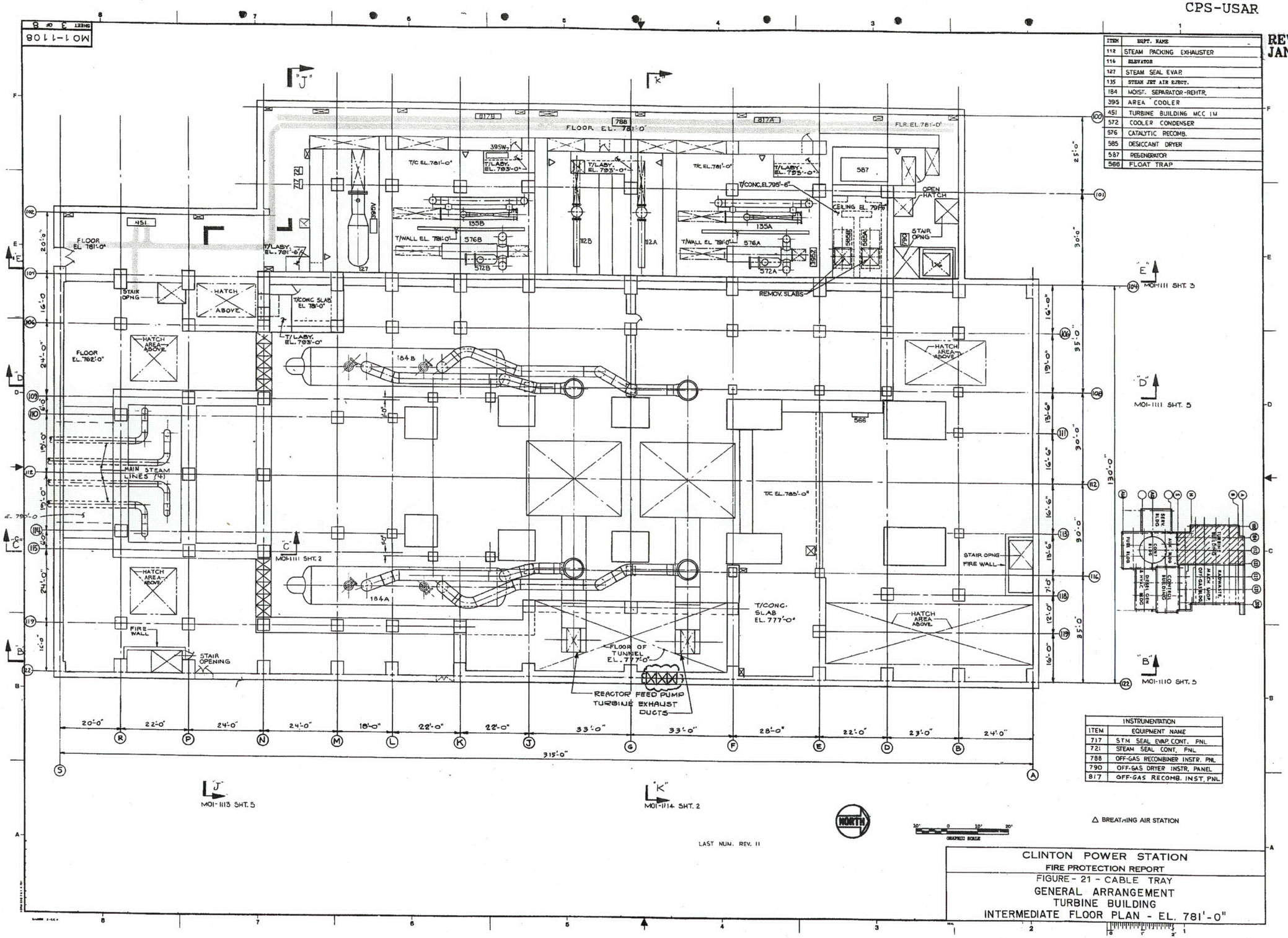


ITEM	EQPT. NAME
25	480 V. UNIT SUBSTATION 1J
26	480 V. UNIT SUBSTATION 1K
40	L.P. HEATER FLASH TANK
41	L.P. HEATER # 1
42	L.P. HEATER # 2
43	L.P. HEATER # 3
50	CONDENSER
53	DRAIN COOLER
108	MTR. DRVN. RX. FD. PUMP
111	STAT. WIND. LIQ COOL
116	ELEVATOR
120	MOIST. SEP. DRAIN TANK
122	2nd STAGE REHTER. DRAIN TANK
123	EXCITATION CUBICLE
129	TAP OFF CUBICLE
132	BUS DUCT COOLERS
134	NEUT GRNDG CUBICLE
184	MOIST. SEP.-REHTR.
193	TURB. OIL RES.
194	SEAL OIL UNIT
394	AREA COOLER
395	AREA COOLER
518	HYDRAULIC POWER UNIT
447	TURBINE BLDG MCC 1I, 2I
448	TURBINE BLDG MCC 1J, 2J
449	TURBINE BLDG MCC 1K, 2K
450	TURBINE BLDG MCC 1L, 2L

ELECTRICAL	
ITEM	EQUIPMENT NAME
447	TURBINE BUILDING MCC 1I
448	TURBINE BUILDING MCC 1J
449	TURBINE BUILDING MCC 1K
450	TURBINE BUILDING MCC 1L

INSTRUMENTATION	
ITEM	EQUIPMENT NAME
957	TURB. BLDG. CAM. #3
722	HYDROGEN AND STATOR COOLING CAB.
774	GLAND STEAM I. P
781	STM PKG EXIA,IB DRAIN INST PANEL
805	MSR CONTROL PANEL
807	FW PUMP IA, IC INSTR PANEL
808	FW PUMP IB INSTR PANEL
822	MN STM X-AROOND INSTR. PNL
828	L.P. TURB. CIV. INSTR. PANEL
849	FW PUMPS SUCTION HEADER INSTR PNL
868	GLAND STEAM SEAL STEAM INST PNL
887	MSR CROSSAROOND CONTROL PNL
904	C.B. PUMP REL. VA I P
907	M.S. MANIFOLD I P
955	TURB. BLDG. CAM #1

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE– 20– CABLE TRAY
GENERAL ARRANGEMENT
TURBINE BUILDING
MEZZANINE FLOOR PLAN - EL. 762'-0"



ITEM	EQPT. NAME
112	STEAM PACKING EXHAUSTER
114	ELEVATOR
127	STEAM SEAL EVAP.
135	STEAM JET AIR EJECT.
184	MOIST. SEPARATOR-REHTR.
395	AREA COOLER
451	TURBINE BUILDING MCC 1M
572	COOLER CONDENSER
576	CATALYTIC RECOMB.
585	DESICCANT DRYER
587	REGENERATOR
566	FLOAT TRAP

INSTRUMENTATION	
ITEM	EQUIPMENT NAME
717	STM. SEAL EVAP. CONT. PNL
721	STEAM SEAL CONT. PNL
788	OFF-GAS RECOMBINER INSTR. PNL
790	OFF-GAS DRYER INSTR. PANEL
817	OFF-GAS RECOMB. INST. PNL

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE - 21 - CABLE TRAY
GENERAL ARRANGEMENT
TURBINE BUILDING
INTERMEDIATE FLOOR PLAN - EL. 781'-0"

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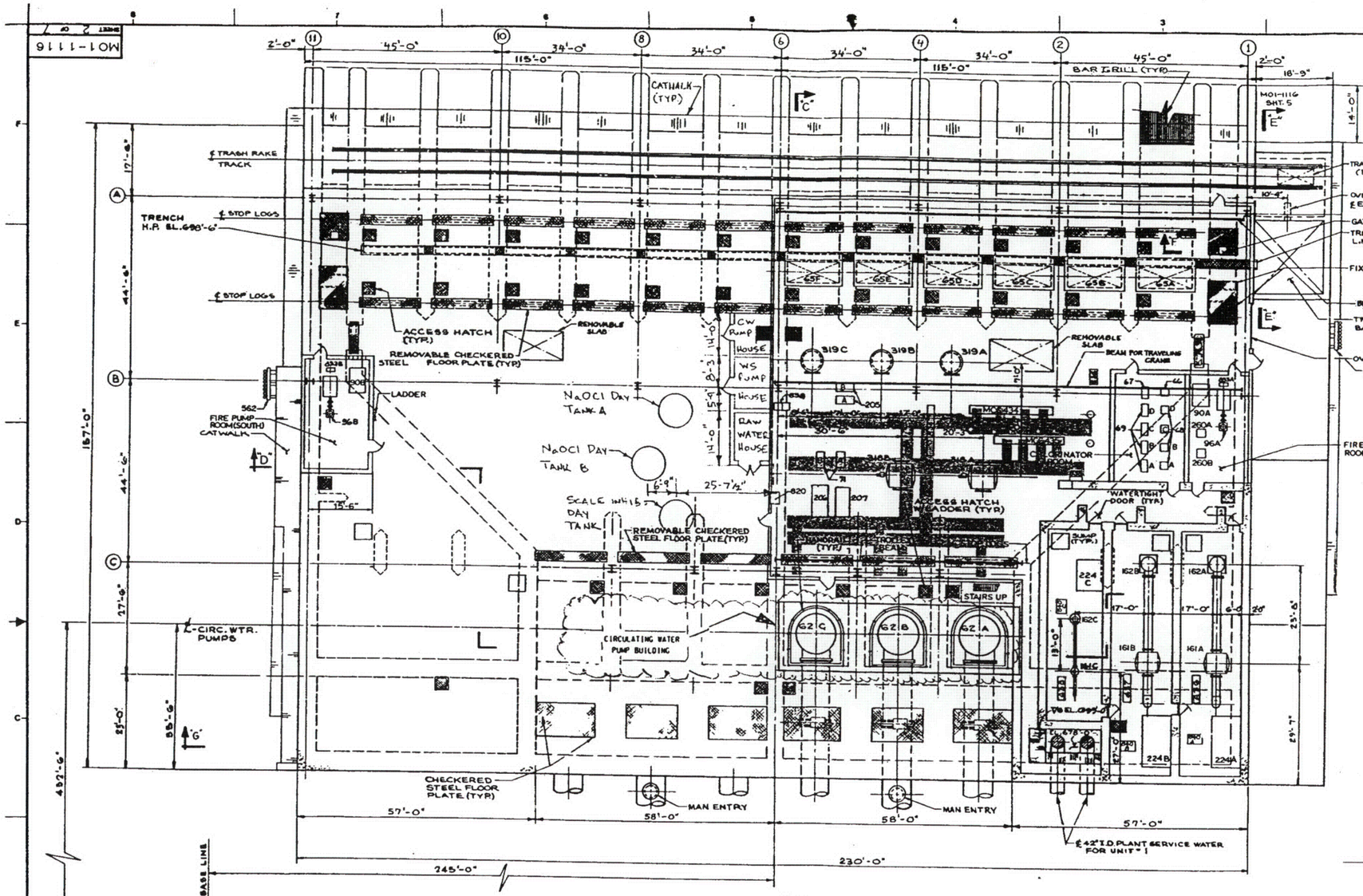
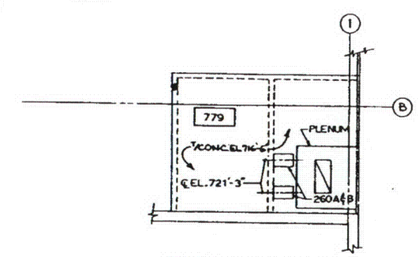
ITEM	EQUIPMENT NAME
62	CIRC. WATER PUMPS
65	TRAVELING SCREEN
90	DIESEL FIRE PUMP DAY TANK
96	DIESEL DRIVEN FIRE PUMP
161	SHUTDOWN SVC. WATER STRAINERS
162	SHUTDOWN SVC. WATER PUMPS
224	SDWTRP ROOM COOLING UNIT
318	PLANT SVC. WATER STRAINERS
319	PLANT SVC. WATER PUMPS.
836	RESIDUAL CHLORINE ANALYZER PANEL
833	FIRE PUMP CONTROL PANEL
454 455	SCREEN HOUSE MOTOR CONTROL CENTER
66	SERVICE WATER EVAPORATOR
67	SERVICE WATER CHLORINATOR
68	CIRC. WATER EVAPORATORS
69	CIRC. WATER CHLORINATORS
71	SVC. WTR CHLOR. BOOSTER PUMP
205	PSW SEAL WATER PUMPS
206	SSW MOTOR CONTROL CENTER
206	DISCHARGE VALVE ACAMBLAIDR RACK
207	HYDRAULIC RESERVOIR
206	TRAVELING SCREEN CONTROL PANEL
834	PLANT S.W. INSTRUMENT PANEL
840	SSW. PUMP ROOM PANEL
260	SCREEN HOUSE HVAC UNIT
779	CIRC. WATER HOUSE VENT SYS. PANEL
835	PLANT WS STRAINERS WSTIC PANEL
820	SCREENHOUSE HEAT TRACING PANEL
561	FIRE HOSE TEST SUPPORT RACK
562	FIRE HOSE TEST SUPPORT RACK



MAIN FLOOR PLAN "A"
EL. 699'-0"



PARTIAL PLAN "A-1"
EL. 716'-6"

NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
(FOR SAFETY CLASSIFICATION SEE PIPING, EQUIPMENT, VALVE, OR INSTRUMENT LISTS.)

NORTH

CLINTON POWER STATION
FIRE PROTECTION REPORT
FIGURE - 22 - CABLE TRAY
GENERAL ARRANGEMENT
CIRCULATING WATER SCREEN HOUSE
MAIN FLOOR PLAN A-A