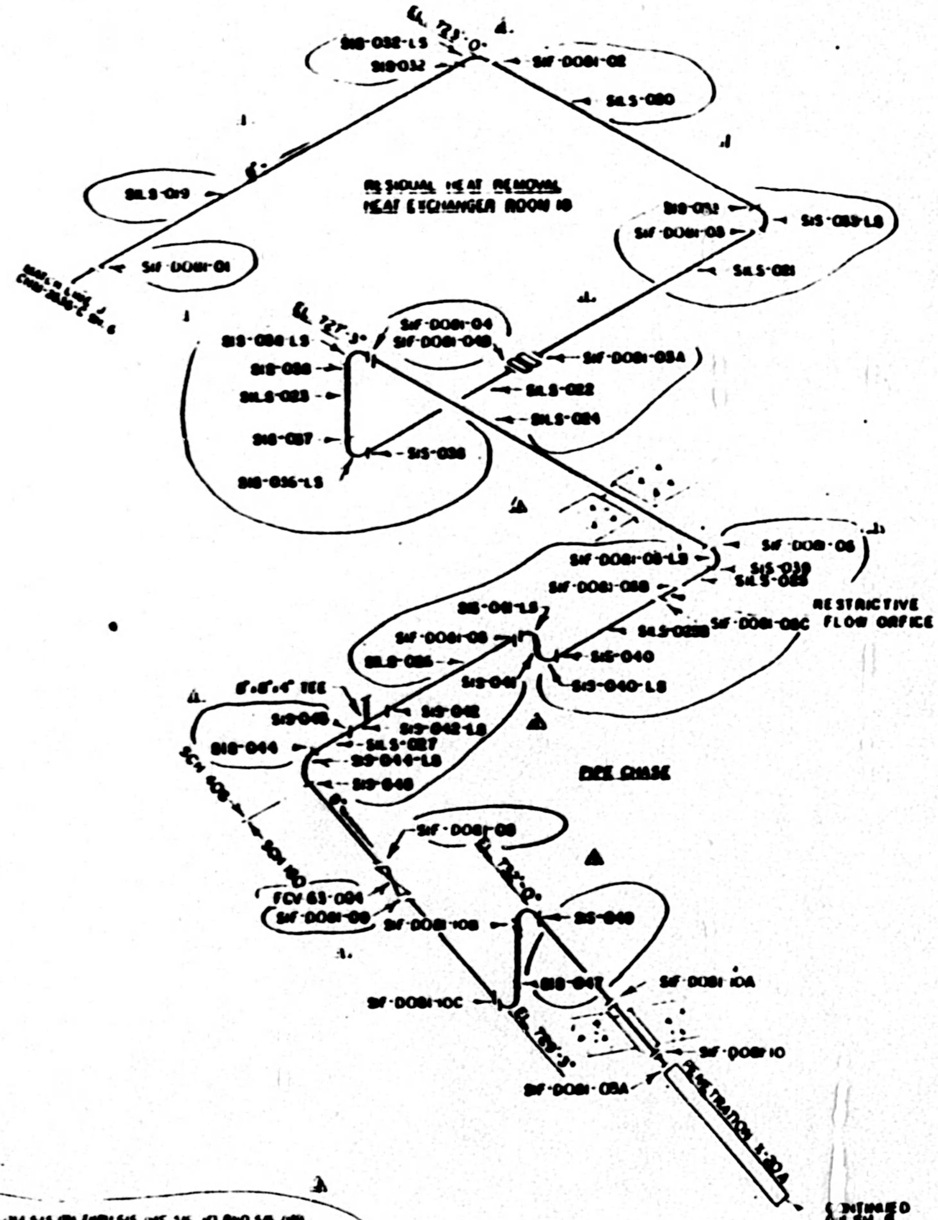
REFERENCE DRAWINGS
WBN-E-2879 IC-B1
MATERIAL SPECIFICATIONS
CLASS 2
PIPE
SA-376 TP-304 (SA-376 TP-316
8" SCH 160 (8" SCH 160
SA-312 TP-304W/S
8" SCH 40S
FITTINGS
SA-403 WP-304
8" SCH 160
SA-403 WP-304WWD
8" SCH 40S
FLANGES
SA-182 F-304
8" BORLD SCH 40S



SHOP WELDS: SIS-032, SIS-036, SIS-038 THRU SIS-045, SIS-047, AND SIS-049
PIPE LONG SEAM WELDS: SILS-019 THRU SILS-028, SILS-025A AND SILS-025B

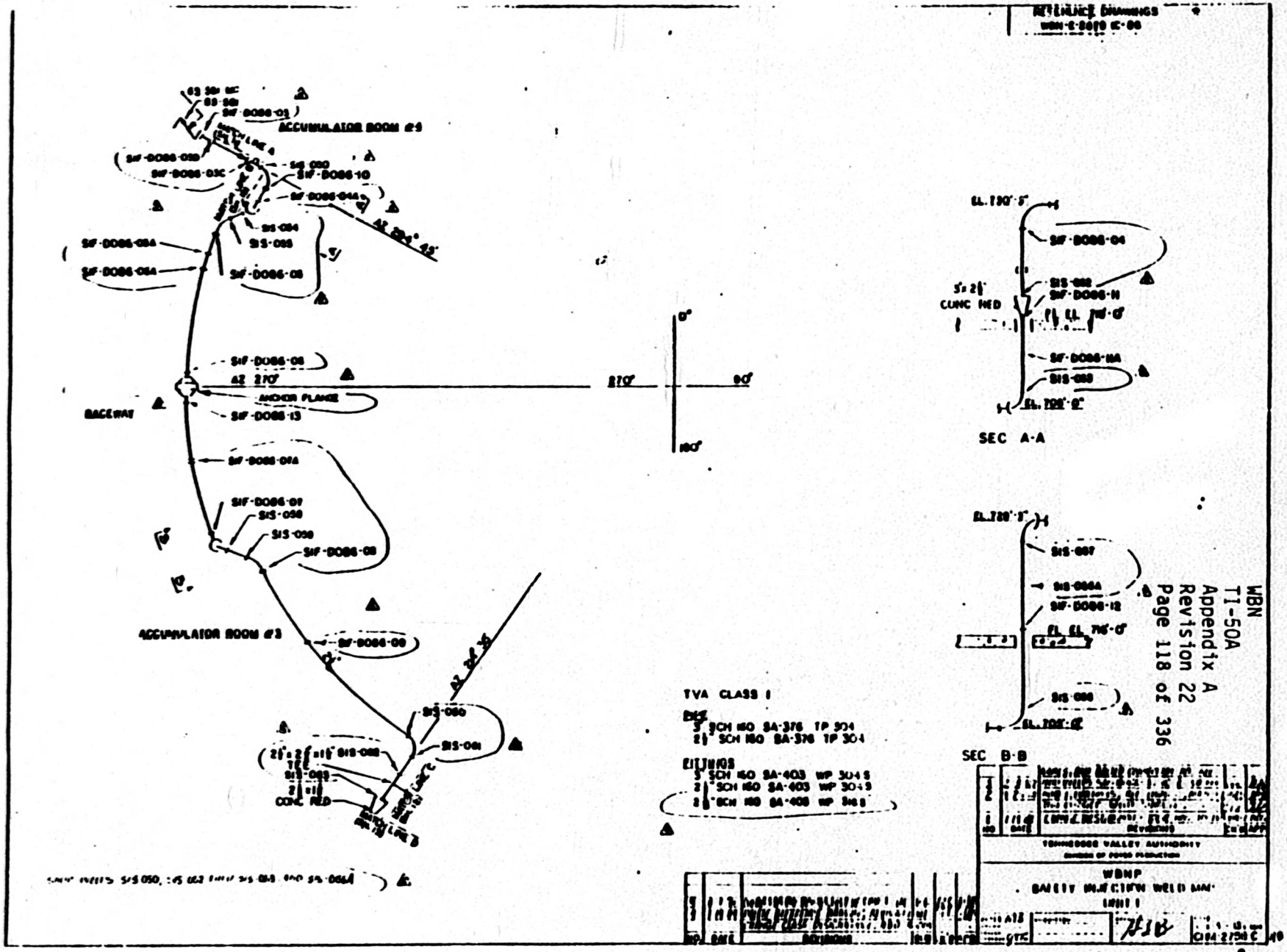
NO.	DATE	REVISIONS			
4		CORRECT MATL SPECS			
		CORRECT ...			
3		CORRECT ...			
		DELETED WELD ...			
2		... ADD ... LONG SEAMS ...			
		ADD ... ELEVATIONS ...			
		...			

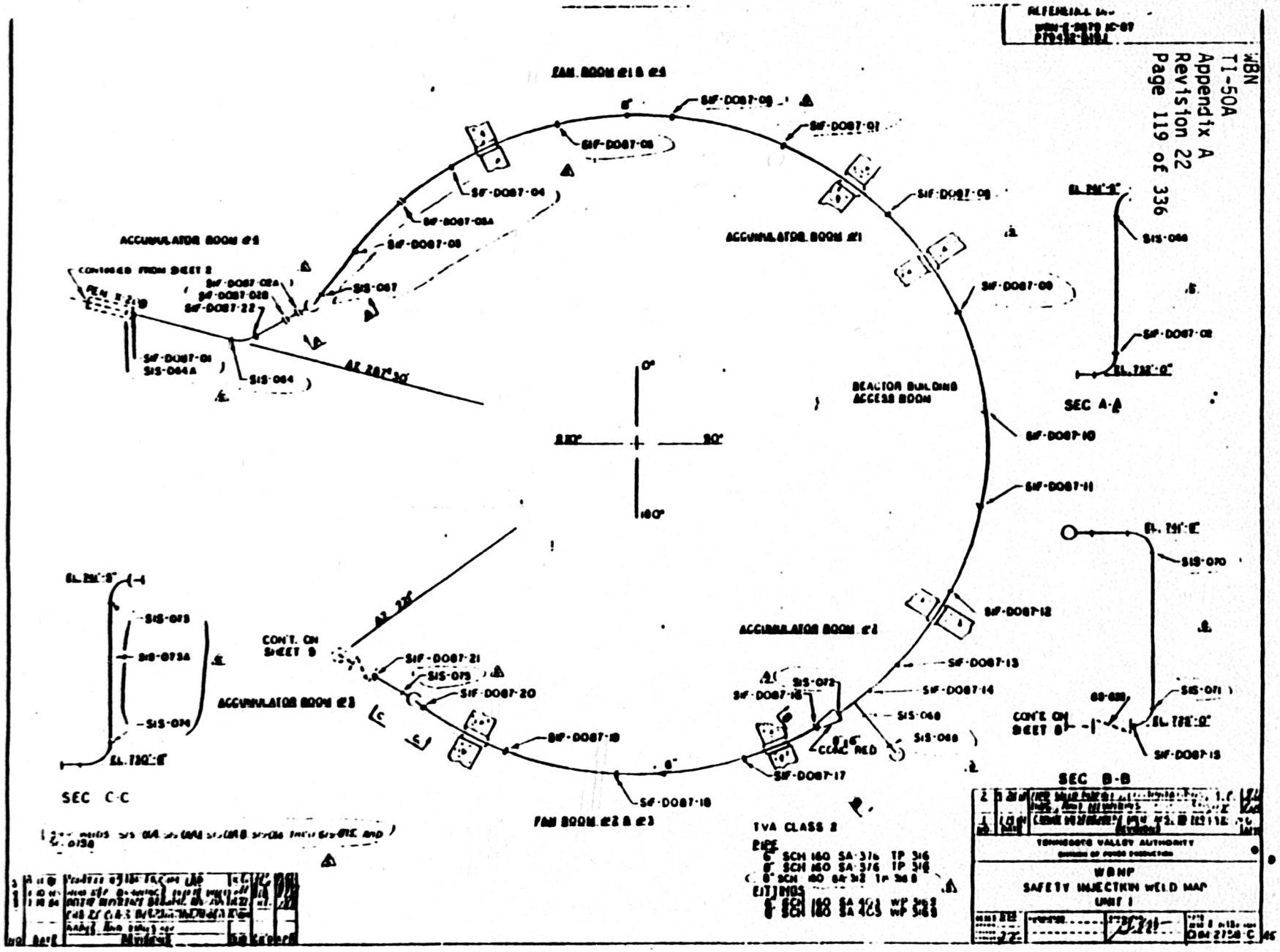
TENNESSEE VALLEY AUTHORITY

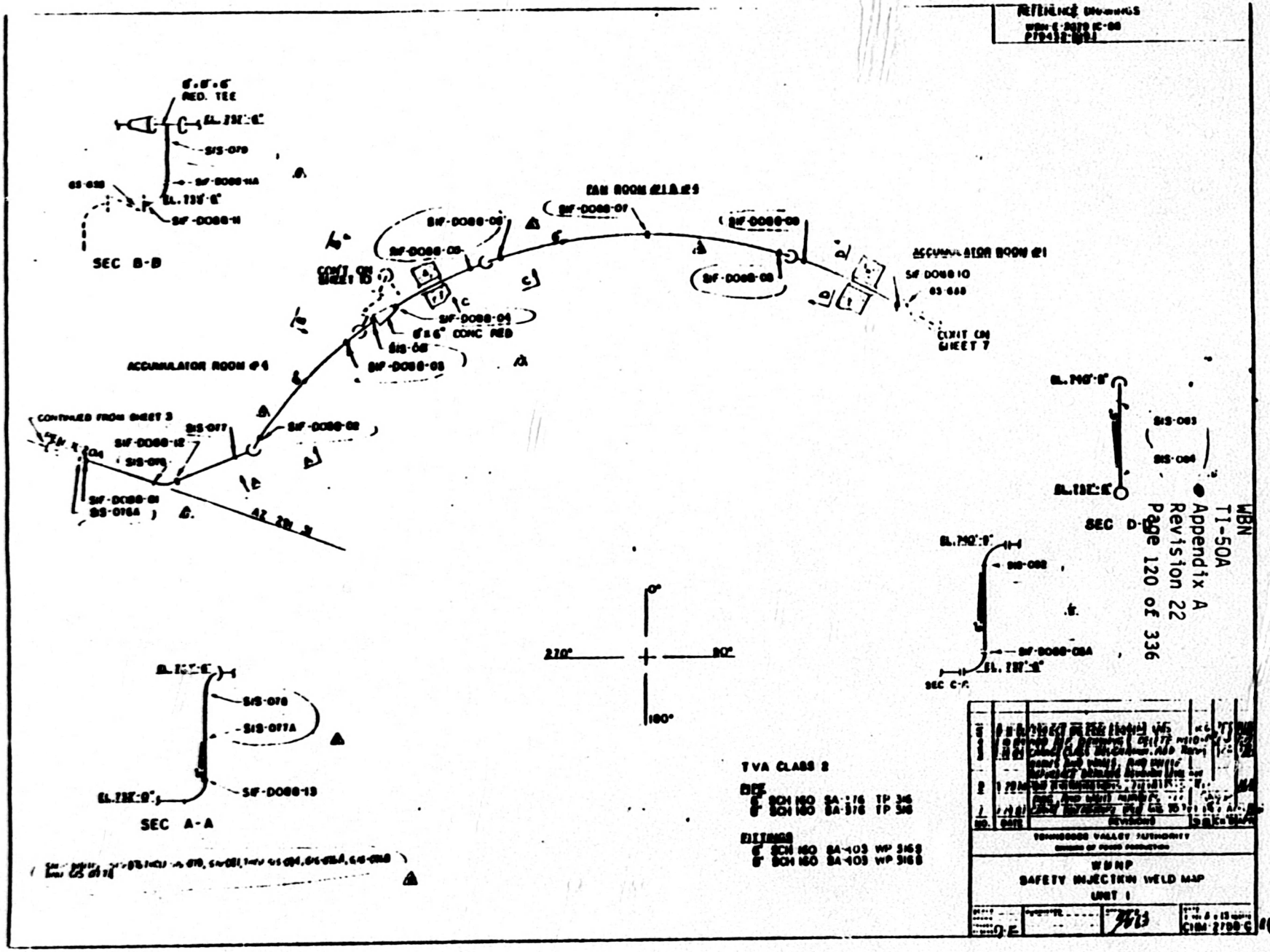
WATTS BAR NUCLEAR PLANT
UNIT #1
SAFETY INJECTION SYSTEM

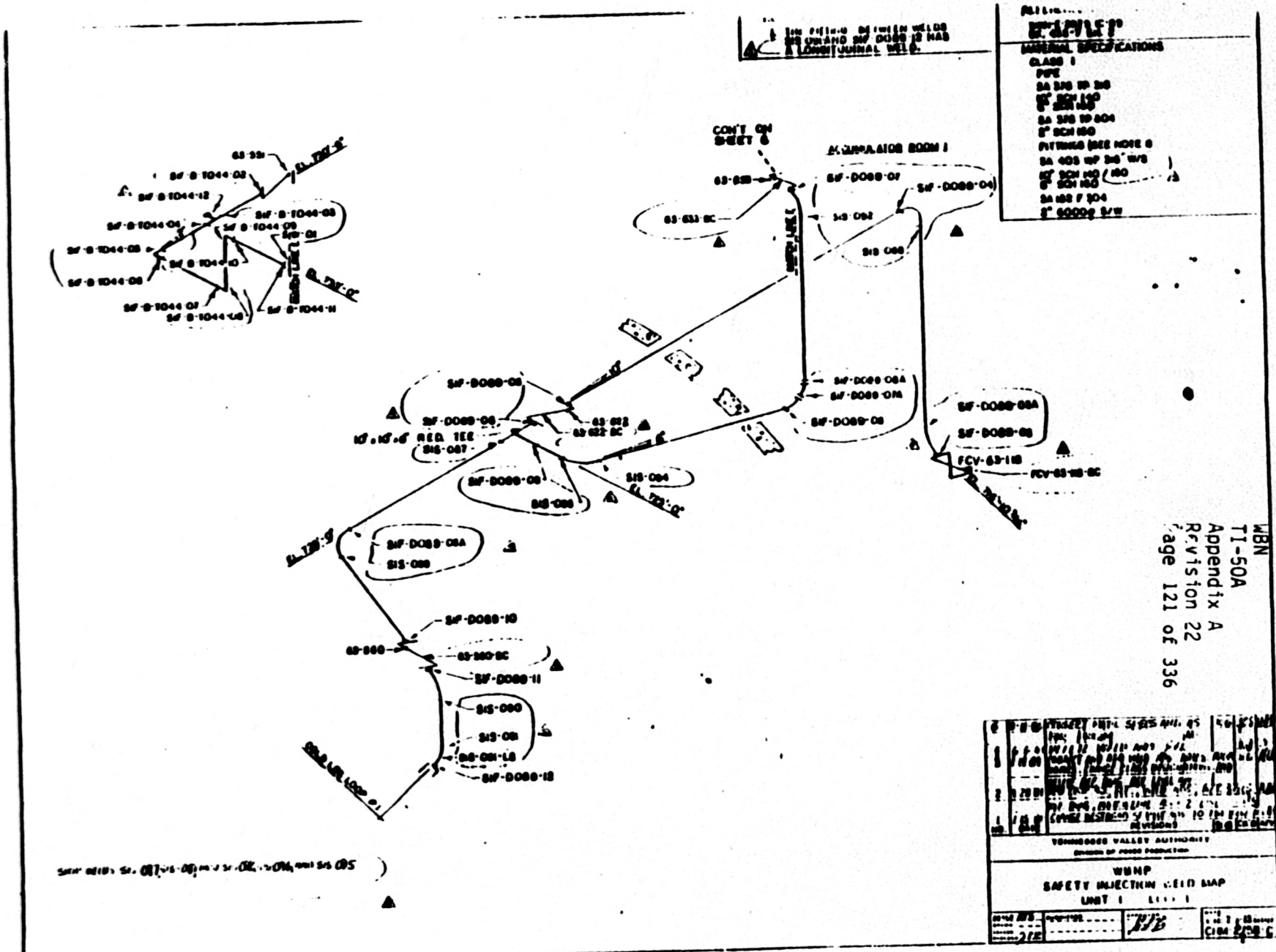
WELD LOCATIONS

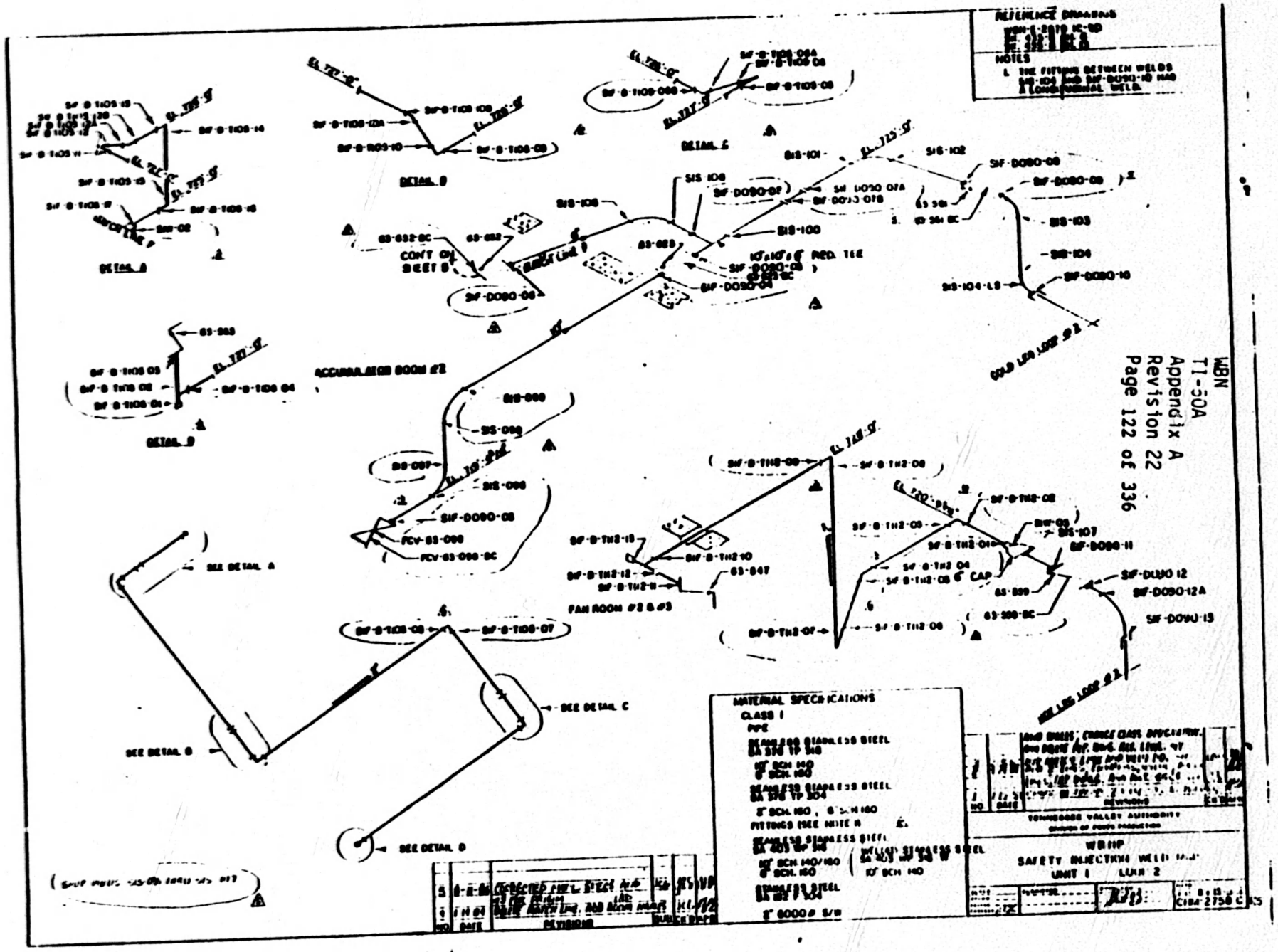
CHM 2758 C

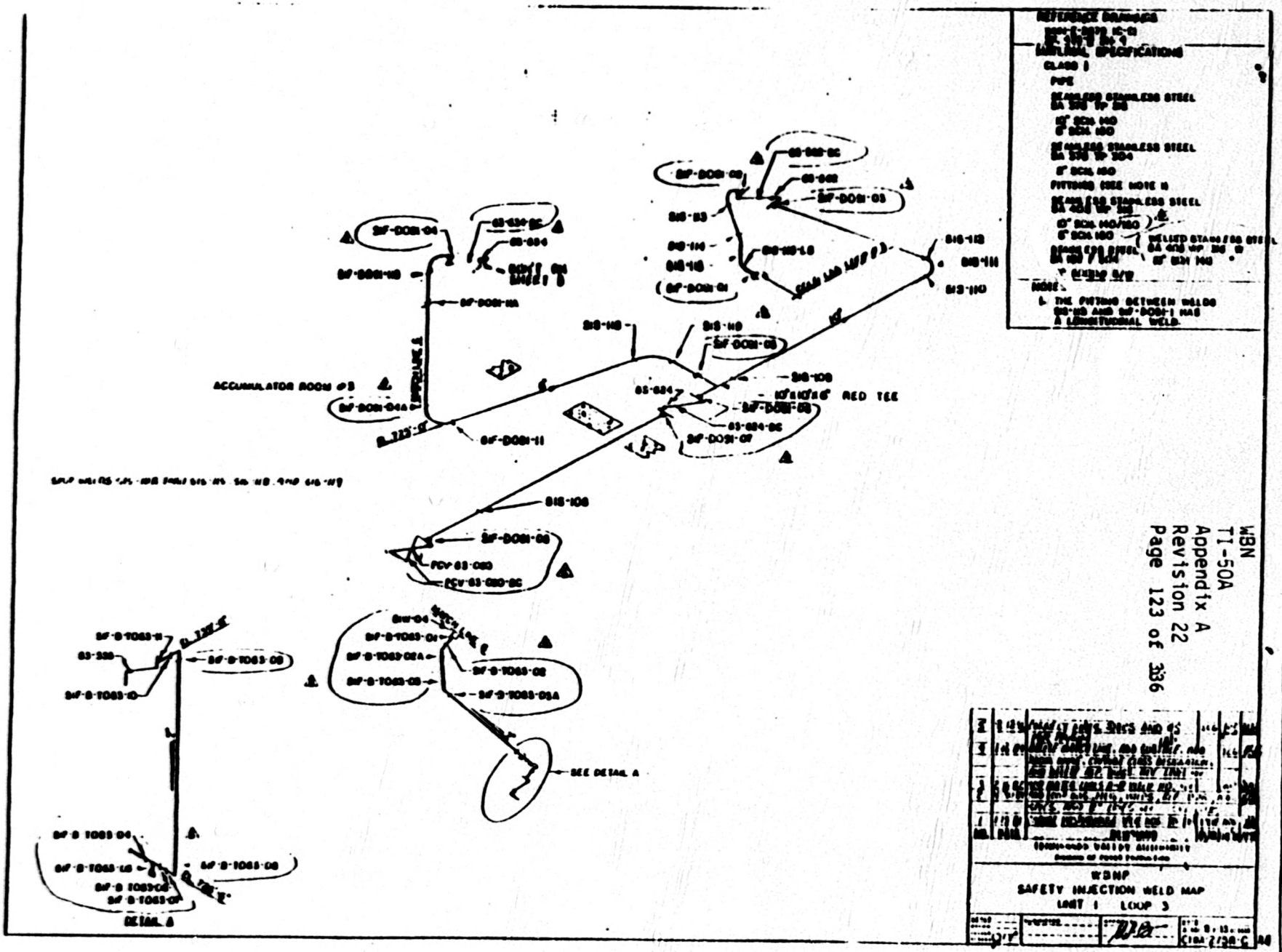

ACCUMULATOR ROOM #4
ACCUMULATOR ROOM #3
RACEWAY
ANCHOR FLANGE
AZ 270°
270°
90°
0°
180°
SEC A-A
SEC B-B
CONC RED
TVA CLASS I
TENNESSEE VALLEY AUTHORITY
WBNP
SAFETY INJECTION WELD MAP
UNIT 1

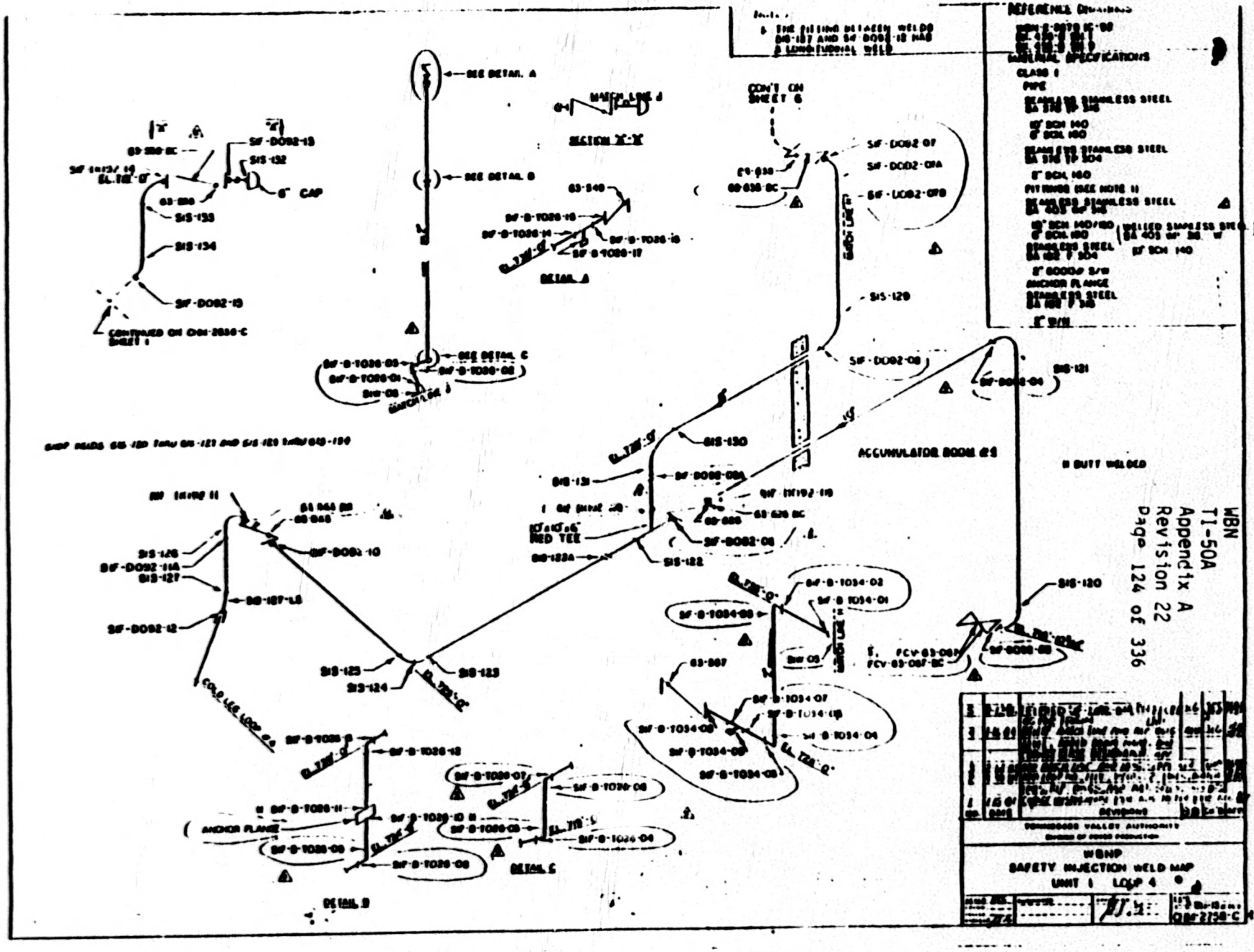

FAN BOOM #1 & #4
ACCUMULATOR BOOM #4
ACCUMULATOR BOOM #1
REACTOR BUILDING ACCESS BOOM
ACCUMULATOR BOOM #2
ACCUMULATOR BOOM #3
FAN BOOM #2 & #3
CONTINUED FROM SHEET 2
CON'T ON SHEET 9
CON'T ON SHEET 8
SEC A-A
SEC B-B
SEC C-C
TVA CLASS 2
TENNESSEE VALLEY AUTHORITY
WBNP
SAFETY INJECTION WELD MAP
UNIT 1

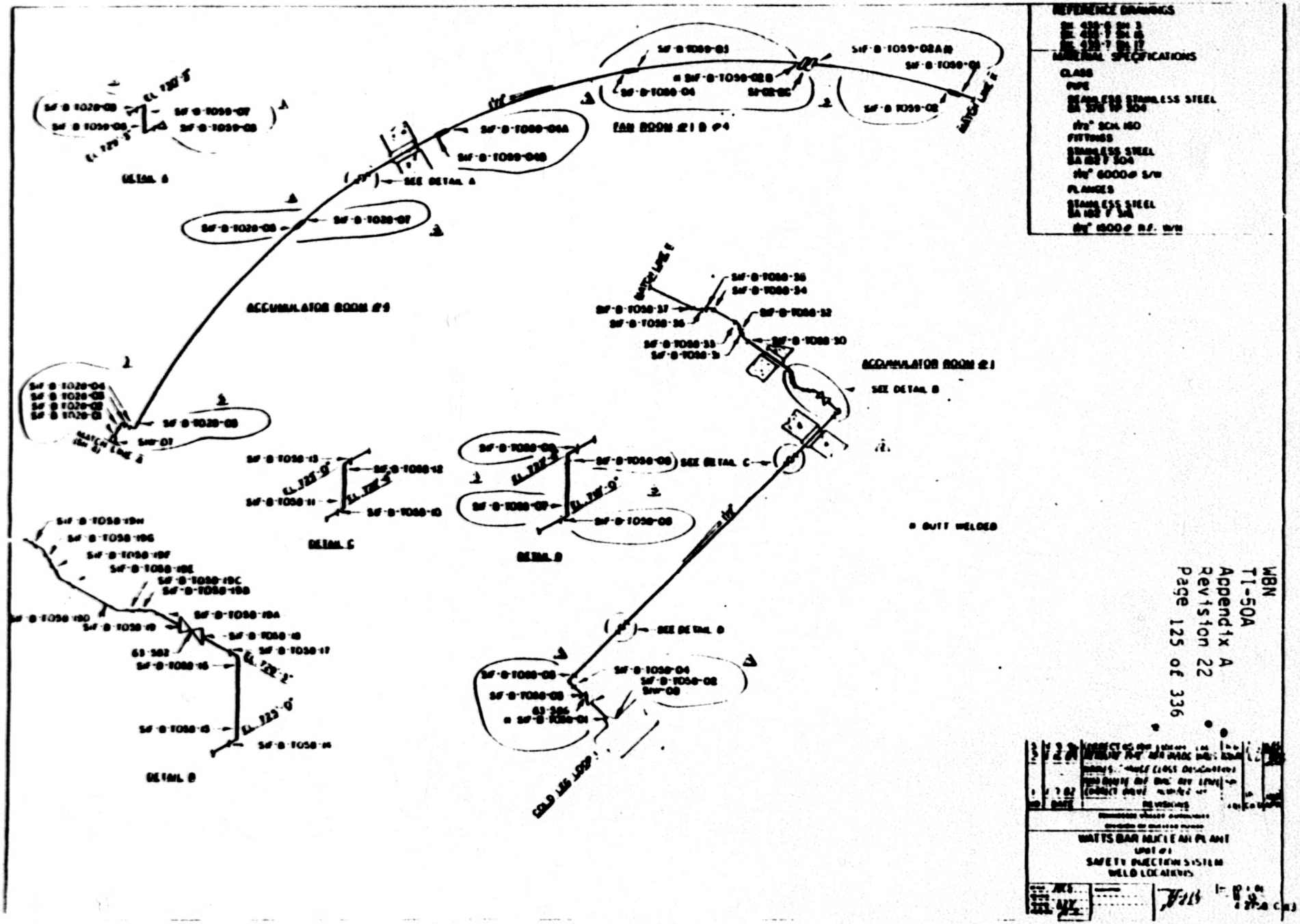

REFERENCE DRAWINGS
SEC B-B
SEC D-D
SEC C-C
SEC A-A
ACCUMULATOR ROOM #4
ACCUMULATOR ROOM #1
CONTINUED FROM SHEET 3
CONT ON SHEET 7
CONT ON SHEET 10
SIS-079
SIS-077
SIS-077A
SIF-DOBB-13
SIF-DOBB-10
SIF-DOBB-07
SIF-DOBB-04
SIF-DOBB-03
SIF-DOBB-02
SIF-DOBB-12
SIF-DOBB-08A
SIS-083
SIS-084
0°
90°
180°
270°
TVA CLASS 2
PIPE
6" SCH 160 SA-376 TP 316
8" SCH 160 SA-376 TP 316
FITTINGS
6" SCH 160 SA-403 WP 316S
8" SCH 160 SA-403 WP 316S
TENNESSEE VALLEY AUTHORITY
WBNP
SAFETY INJECTION WELD MAP
UNIT 1

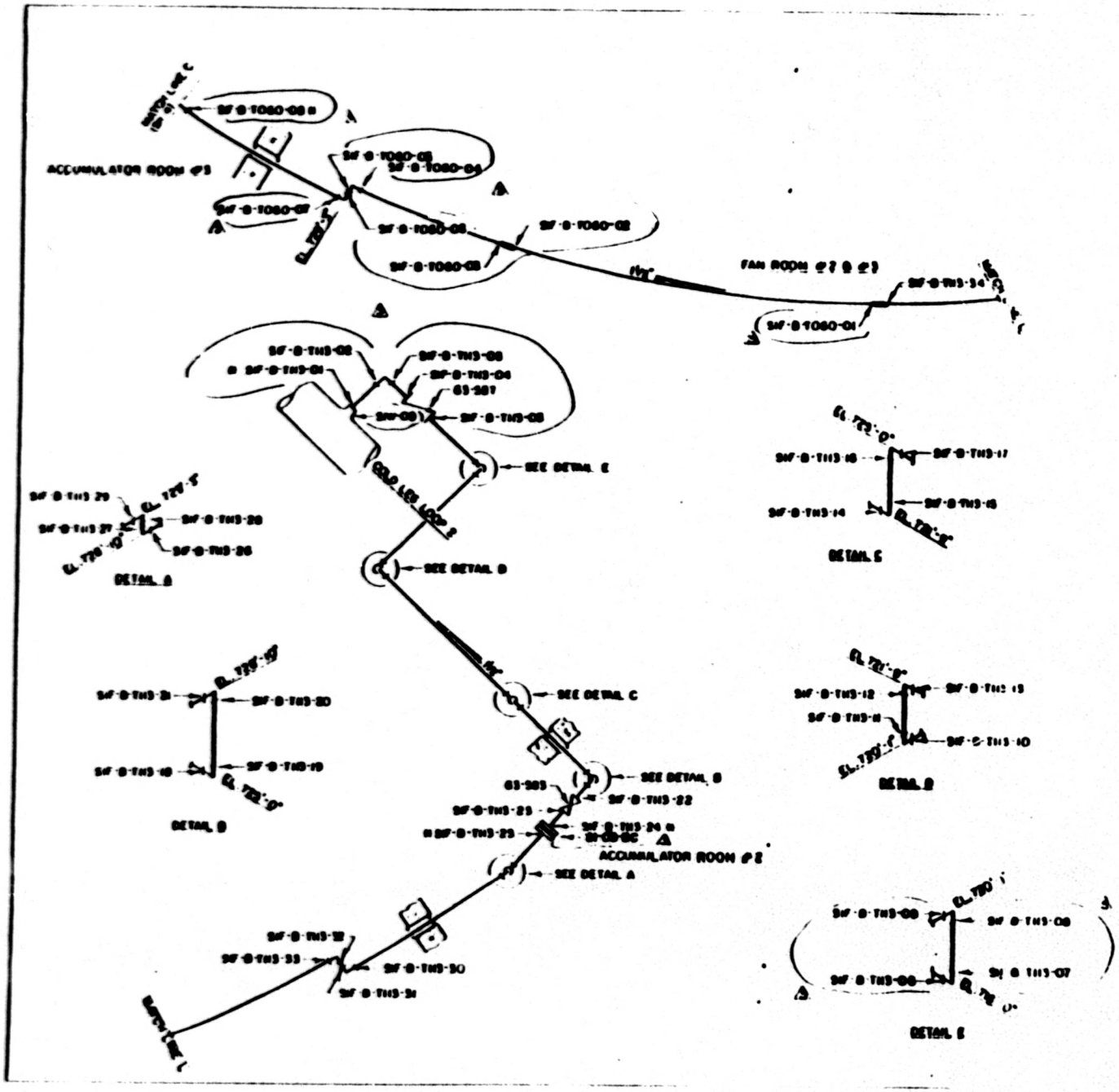

MATERIAL SPECIFICATIONS
CLASS I
PIPE
CON'T ON SHEET 6
ACCUMULATOR ROOM 1
SIF-D089-07
SIF-D089-04
SIS-092
SIS-088
SIF-D089-08A
SIF-D089-07A
SIF-D089-08
SIF-D089-08A
SIF-D089-08
FCV-63-118
FCV-63-118-BC
SIF-D089-06
SIF-D089-06
SIS-087
SIF-D089-09
SIS-086
SIS-084
SIF-D089-08A
SIS-089
SIF-D089-10
SIF-D089-11
SIS-090
SIS-091
SIF-D089-12
SIF-B-T044-02
SIF-B-T044-12
SIF-B-T044-04
SIF-B-T044-03
SIF-B-T044-05
SIF-B-T044-10
SIF-B-T044-06
SIF-B-T044-07
SIF-B-T044-08
SIF-B-T044-11
TENNESSEE VALLEY AUTHORITY
WBNP
SAFETY INJECTION WELD MAP
UNIT 1


REFERENCE DRAWINGS
NOTES
1. THE FITTING BETWEEN WELDS
LONGITUDINAL WELD
DETAIL A
DETAIL B
DETAIL C
DETAIL D
CONT ON SHEET 8
ACCUMULATOR ROOM #2
FAN ROOM #2 & #3
SEE DETAIL A
SEE DETAIL B
SEE DETAIL C
SEE DETAIL D
MATERIAL SPECIFICATIONS
CLASS I
PIPE
FITTINGS (SEE NOTE 1)
TENNESSEE VALLEY AUTHORITY
WBNP
SAFETY INJECTION WELD MAP
UNIT 1 LOOP 2
REVISIONS


REFERENCE DRAWINGS
MATERIAL SPECIFICATIONS
CLASS 1
PIPE
SEAMLESS STAINLESS STEEL
SEAMLESS STAINLESS STEEL
FITTINGS SEE NOTE 1
SEAMLESS STAINLESS STEEL
WELDED STAINLESS STEEL
NOTE:
1. THE FITTING BETWEEN WELDS
AND SIF-DOSI-1 HAS
A LONGITUDINAL WELD.
ACCUMULATOR ROOM #3
RED TEE
SEE DETAIL A
DETAIL B
WBNP
SAFETY INJECTION WELD MAP
UNIT 1 LOOP 3


REFERENCE DRAWINGS
MATERIAL SPECIFICATIONS
CLASS I
PIPE
SEAMLESS STAINLESS STEEL
FITTINGS (SEE NOTE 1)
ANCHOR FLANGE
SEE DETAIL A
SEE DETAIL B
SEE DETAIL C
SECTION "A"-"A"
DETAIL A
DETAIL B
DETAIL C
CON'T ON SHEET 6
ACCUMULATOR ROOM #4
BUTT WELDED
RED TEE
COLD LEG LOOP #4
ANCHOR FLANGE
TENNESSEE VALLEY AUTHORITY
WBNP
SAFETY INJECTION WELD MAP
UNIT 1 LOOP 4


REFERENCE DRAWINGS
MATERIAL SPECIFICATIONS
CLASS
PIPE
FITTINGS
FLANGES
FAN ROOM #1 & #4
ACCUMULATOR ROOM #3
ACCUMULATOR ROOM #1
SEE DETAIL A
SEE DETAIL B
SEE DETAIL C
SEE DETAIL D
DETAIL A
DETAIL B
DETAIL C
DETAIL D
BUTT WELDED
COLD LEG LOOP
WATTS BAR NUCLEAR PLANT
UNIT #1
SAFETY INJECTION SYSTEM
WELD LOCATIONS



REFERENCE DRAWINGS

MATERIAL SPECIFICATIONS

CLASS I

PIPE

SEAMLESS STAINLESS STEEL

FITTINGS

STAINLESS STEEL

FLANGES

STAINLESS STEEL

BUTT WELDED

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Appendix A
Revision 22
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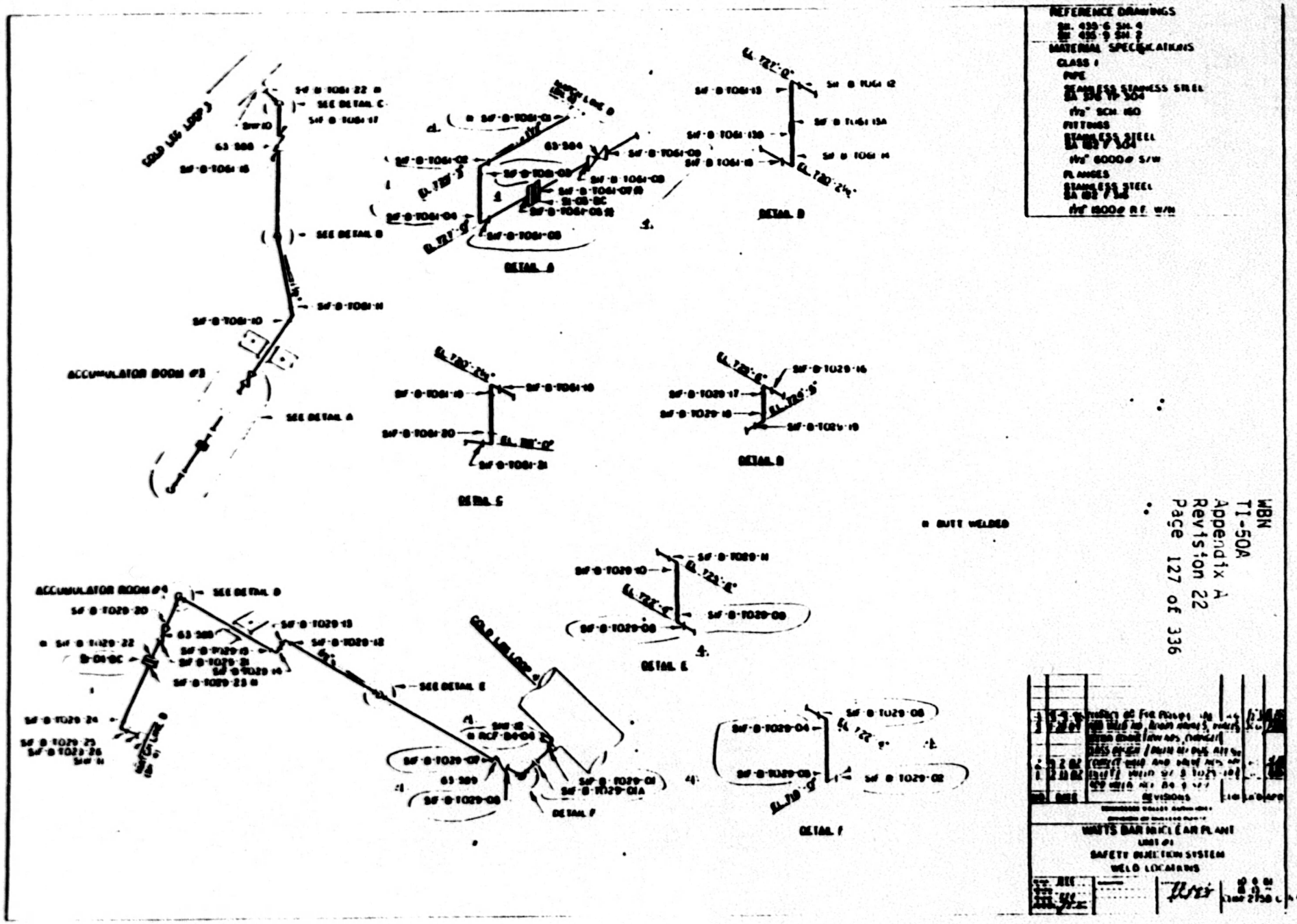
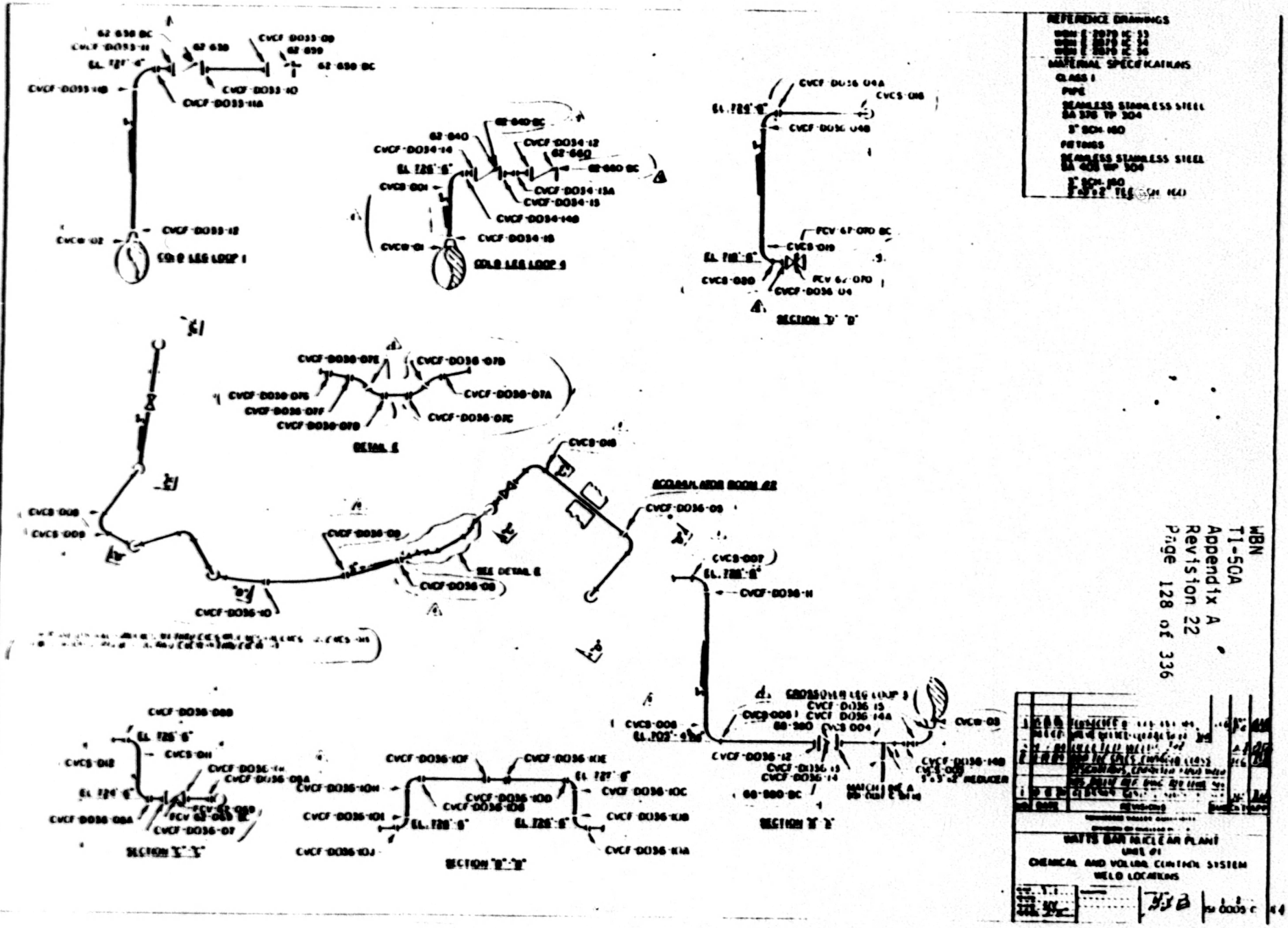
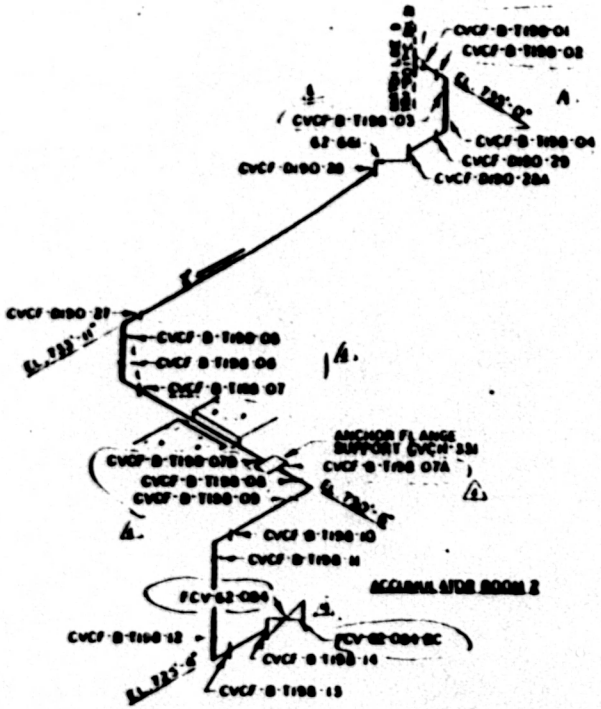
WATTS BAR NUCLEAR PLANT
UNIT #1
SAFETY INJECTION SYSTEM
WELD LOCATIONS


REFERENCE DRAWINGS
MATERIAL SPECIFICATIONS
CLASS I
PIPE
FITTINGS
FLANGES
ACCUMULATOR ROOM #3
ACCUMULATOR ROOM #4
SEE DETAIL A
SEE DETAIL B
SEE DETAIL C
SEE DETAIL D
SEE DETAIL E
SEE DETAIL F
DETAIL A
DETAIL B
DETAIL C
DETAIL D
DETAIL E
DETAIL F
COLD LEG LOOP
BUTT WELDED
REVISIONS
WATTS BAR NUCLEAR PLANT
UNIT #1
SAFETY INJECTION SYSTEM
WELD LOCATIONS


REFERENCE DRAWINGS
MATERIAL SPECIFICATIONS
CLASS I
PIPE
SEAMLESS STAINLESS STEEL
SA 376 TP 304
3" SCH 160
FITTINGS
SEAMLESS STAINLESS STEEL
SA 403 WP 304
3" SCH 160
COLD LEG LOOP 1
COLD LEG LOOP 4
SECTION "D" "D"
DETAIL E
ACCESS/LADDER ROOM #2
SEE DETAIL E
SECTION "C" "C"
SECTION "B" "B"
SECTION "A" "A"
WATTS BAR NUCLEAR PLANT
UNIT 01
CHEMICAL AND VOLUME CONTROL SYSTEM
WELD LOCATIONS

REFERENCE DRAWINGS
DR. 406-9 SH 16
MATERIAL SPECIFICATIONS
CLASS I
PIPE
SA 376 TP 304
2" SCH 160
FITTINGS
SA 182 F 304
2" BORED SCH 160
ANCHOR FLANGE
SA 182 F 316
2" BORED SCH 160



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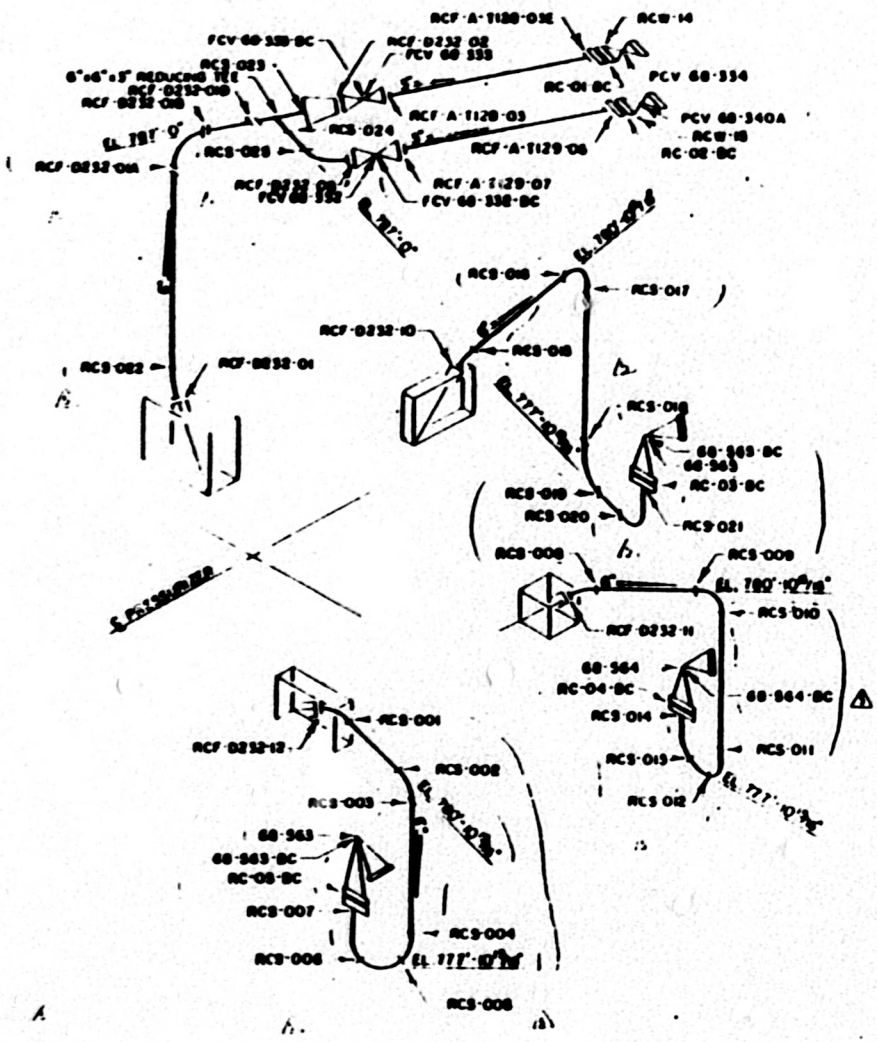
WATTS BAR NUCLEAR PLANT
UNIT 01
CHEMICAL AND VOLUME CONTROL SYSTEM
WELD LOCATIONS



SHOP WELD NUMBERS RCS 2 THRU RCS 025

REFERENCE DRAWINGS
GRUU-001
WBN-E-2879 IC-232
SK-465-2 SH. 1
SK-465-2 SH. 2

MATERIAL SPECIFICATIONS

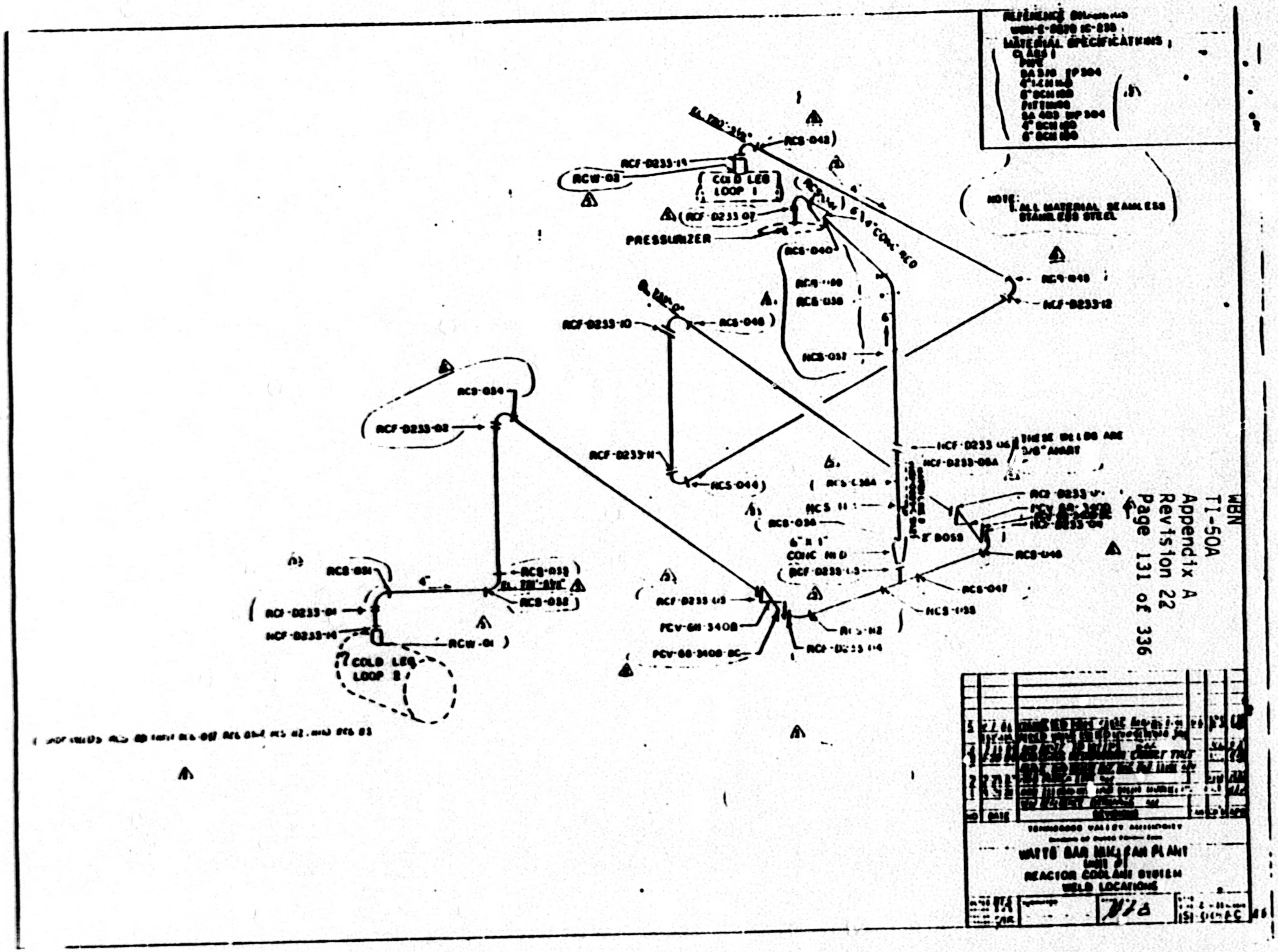
CLASS I
PIPE
SEAMLESS STAINLESS STEEL
SA 376 TP 304
6" SCH 160
3" SCH 160
FITTINGS
SEAMLESS STAINLESS STEEL
SA 403 WP 304
6" SCH 160
3" SCH 160
FLANGES
SA 182 F 316
6" SCH 160
SA 182 F 304
3" SCH 160

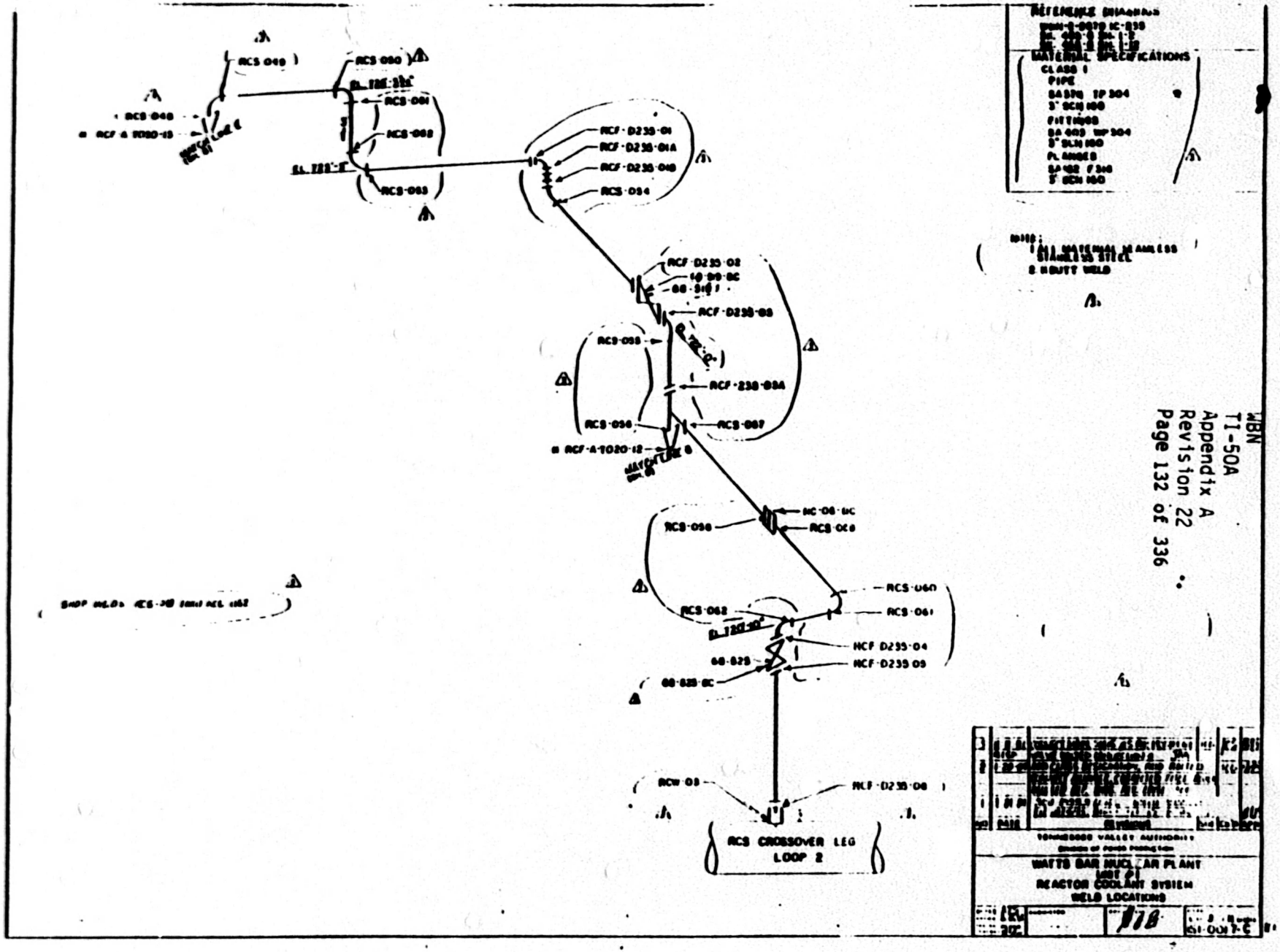
NO.	DATE	REVISIONS	SUB	CHK'D	APP
3	[illegible]	[illegible]			
4	[illegible]	ADD WELDS AND REFERENCE			
1	[illegible]	[illegible]			
2	[illegible]	[illegible]			
1	[illegible]	[illegible]			

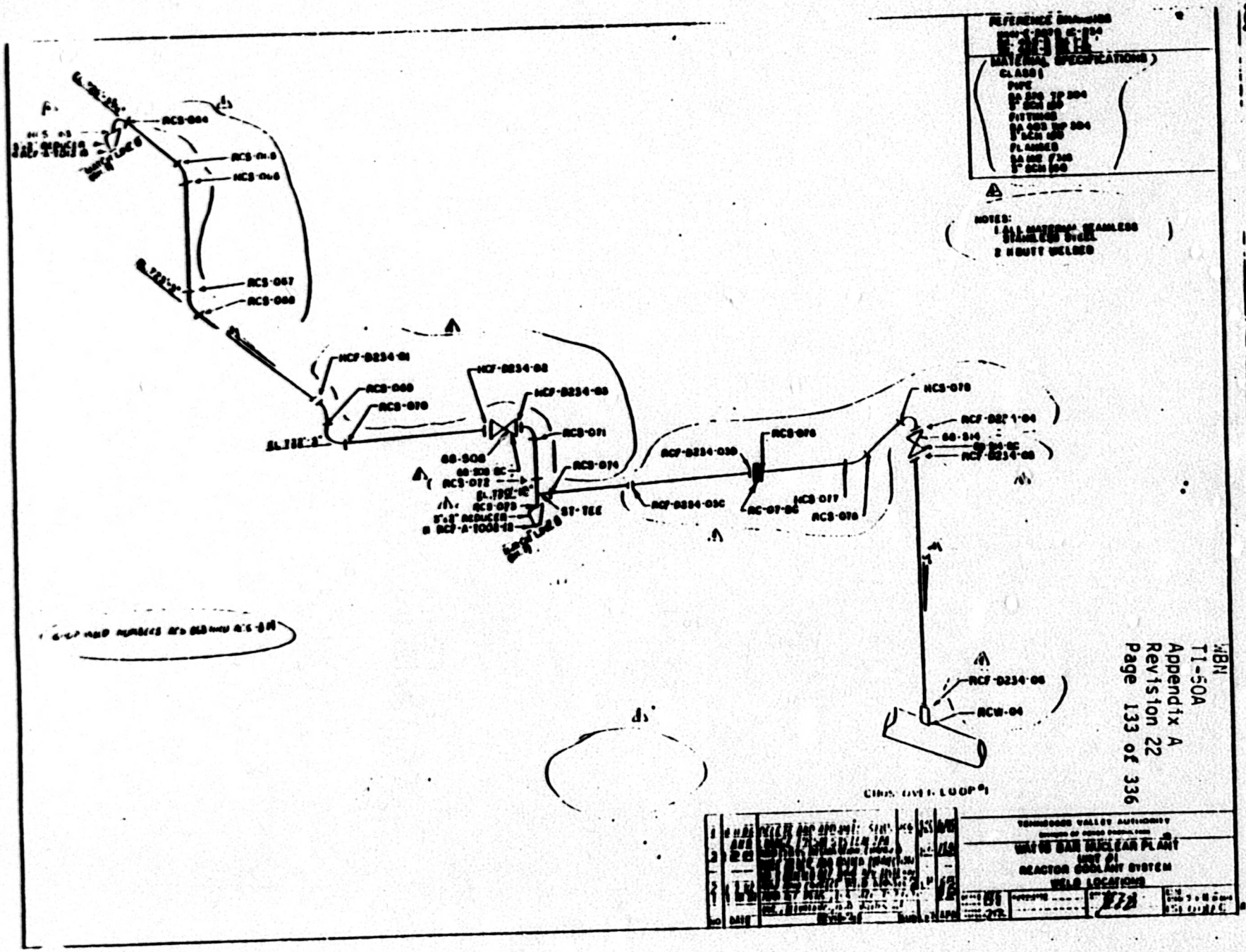
TENNESSEE VALLEY AUTHORITY
DIVISION OF NUCLEAR POWER

WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
YELD LOCATIONS

ISI 0017 C


REFERENCE DRAWING
MATERIAL SPECIFICATIONS
PIPE
FITTINGS
NOTE:
1. ALL MATERIAL SEAMLESS STAINLESS STEEL
RCS-042
RCF-D233-11
RCW-02
COLD LEG LOOP 1
RCF-D233-07
PRESSURIZER
6"x4" CONC RED
RCS-040
RCS-037
RCF-D233-10
RCS-046
RCF-D233-12
RCS-034
RCF-D233-02
RCS-044
THESE WELDS ARE 3/8" APART
RCF-D233-08A
2" BOSS
6" X 1" CONC RED
RCS-047
RCS-031
RCF-D233-01
COLD LEG LOOP 2
RCW-01
RCS-033
RCS-032
PCV-68-340B
TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT
REACTOR COOLANT SYSTEM
WELD LOCATIONS


REFERENCE DRAWINGS
MATERIAL SPECIFICATIONS
CLASS 1
PIPE
FITTINGS
FLANGES
NOTE:
1 ALL MATERIAL SEAMLESS STAINLESS STEEL
2 KBUTT WELD
RCS 049
RCS 050
RCS 048
RCS 051
RCS 052
RCS 053
RCF-D235-01
RCF-D235-01A
RCF-D235-01B
RCS 054
RCF-D235-02
RCF-D235-03
RCS 055
RCF-235-03A
RCS 056
RCS 057
RCF-A-T020-12
RCS 058
RCS 060
RCS 061
RCS 062
RCF D235-04
RCF-D235 05
RCW 03
RCF-D235-06
RCS CROSSOVER LEG
LOOP 2
TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT
REACTOR COOLANT SYSTEM
WELD LOCATIONS



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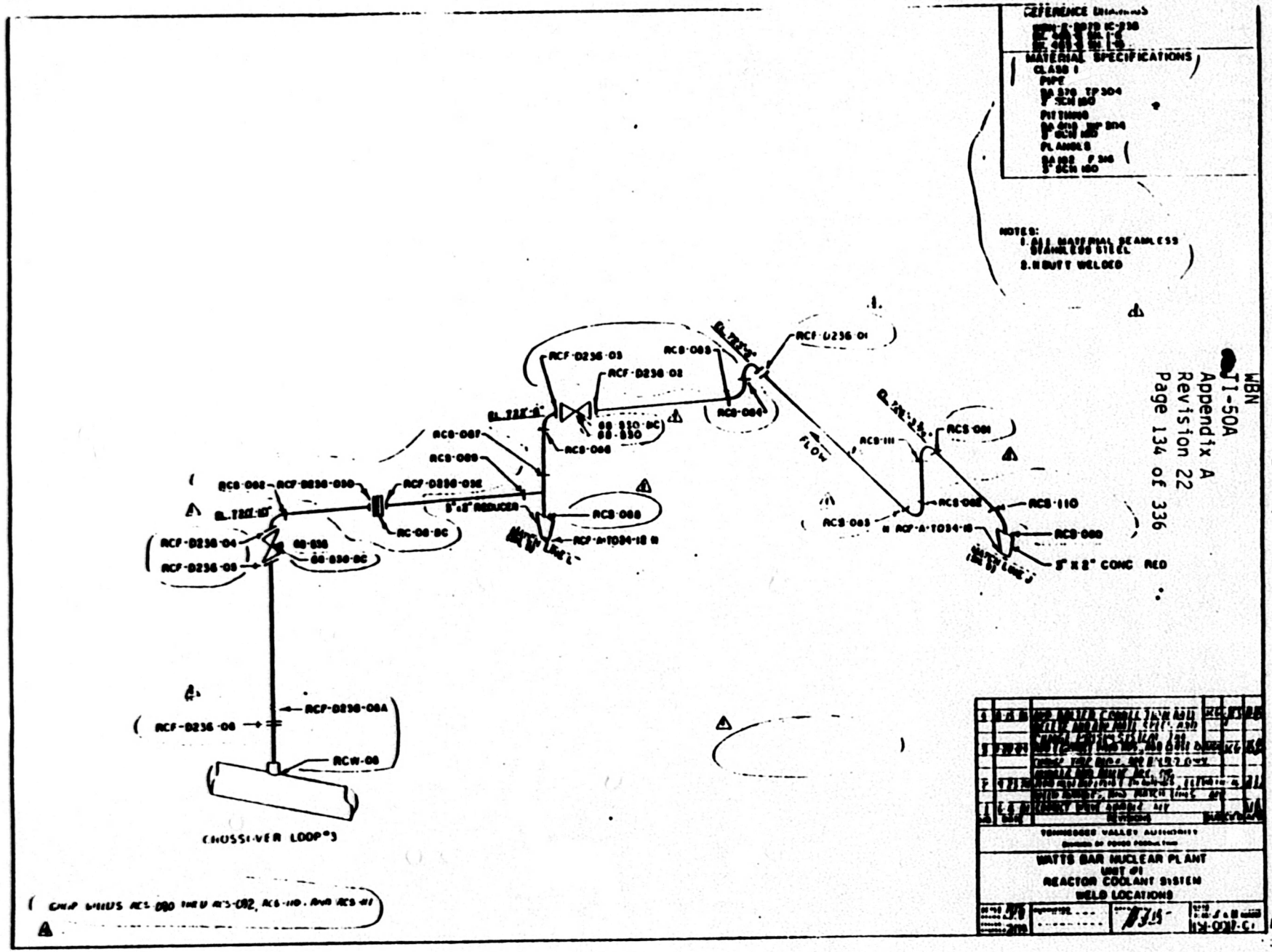
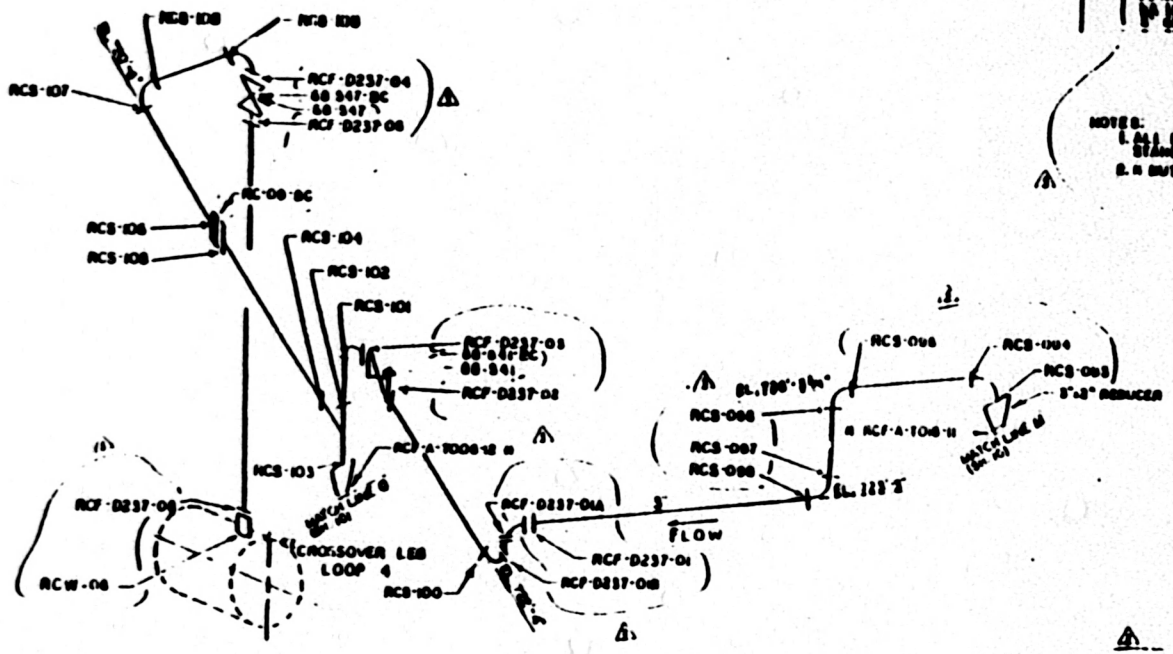

REFERENCE DRAWINGS
MATERIAL SPECIFICATIONS
CLASS I
PIPE
PITTING
FLANGES
NOTES:
1. ALL MATERIAL SEAMLESS STAINLESS STEEL
2. BUTT WELDED
RCF-D236-01
RCF-D236-02
RCF-D236-03
RCS-083
RCS-084
RCS-086
RCS-087
RCS-089
RCS-088
RCS-081
RCS-111
RCS-082
RCS-110
RCS-080
RCS-085
RCF-A-T034-18
RCF-D236-04
RCF-D236-05
RCF-D236-06
RCF-D236-06A
RCW-06
RC-06-BC
3" x 2" REDUCER
3" x 2" CONC RED
FLOW
CROSSOVER LOOP #3
TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
WELD LOCATIONS



REFERENCE DRAWINGS

MATERIAL SPECIFICATIONS

CLASS 1

PIPE

SA 376 TP 304

FITTINGS

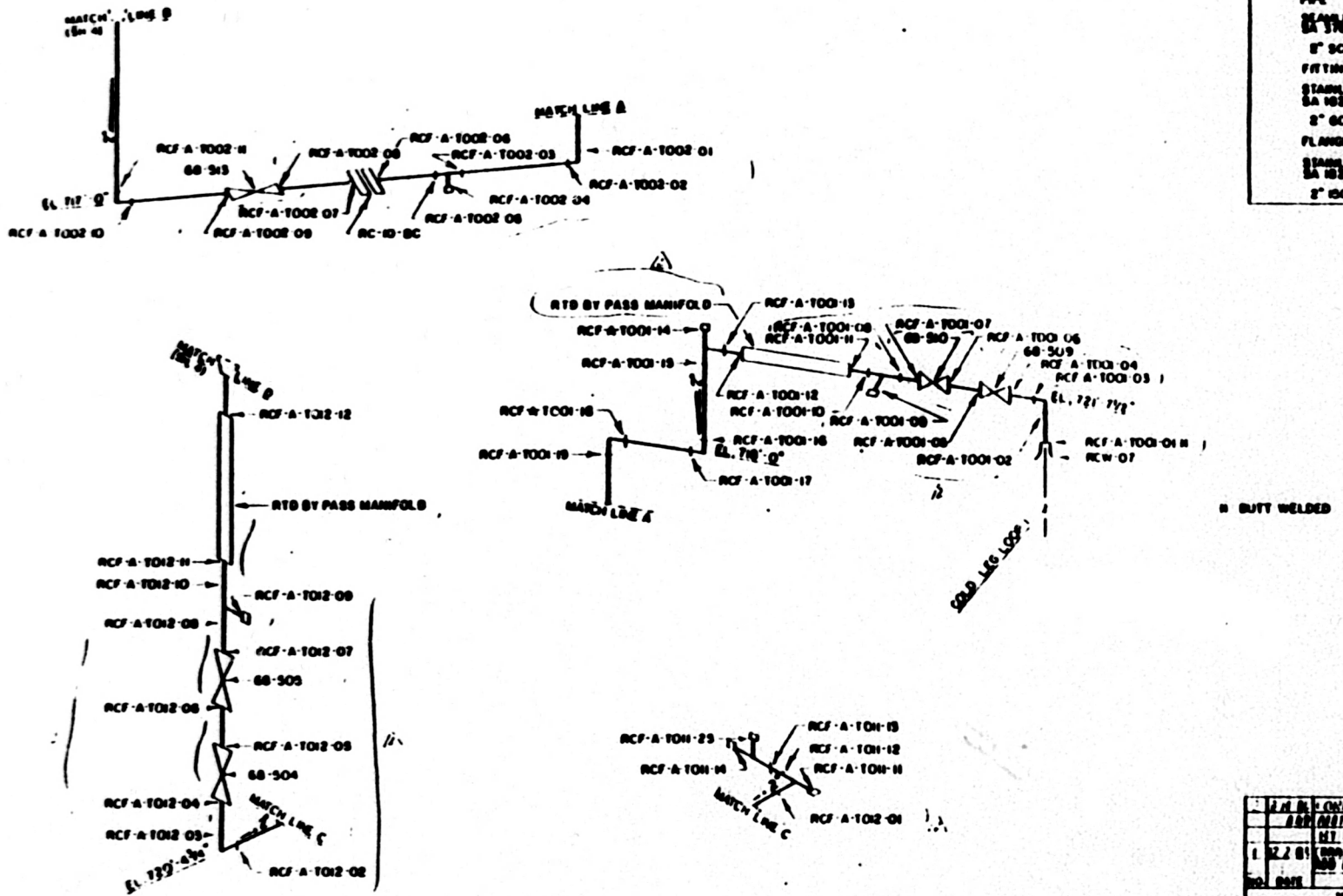
SA 403 WP 304

FLANGES

NOTES:

1. ALL MATERIAL SEAMLESS STAINLESS STEEL
2. ALL BUTT WELDS

WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
WELD LOCATIONS



REFERENCE DRAWINGS

MATERIAL SPECIFICATIONS

CLASS 1

PIPE

SEAMLESS STAINLESS STEEL
SA 376 TP 304

8" SCH. 160

FITTINGS

STAINLESS STEEL (SEAMLESS)
SA 182 F 304

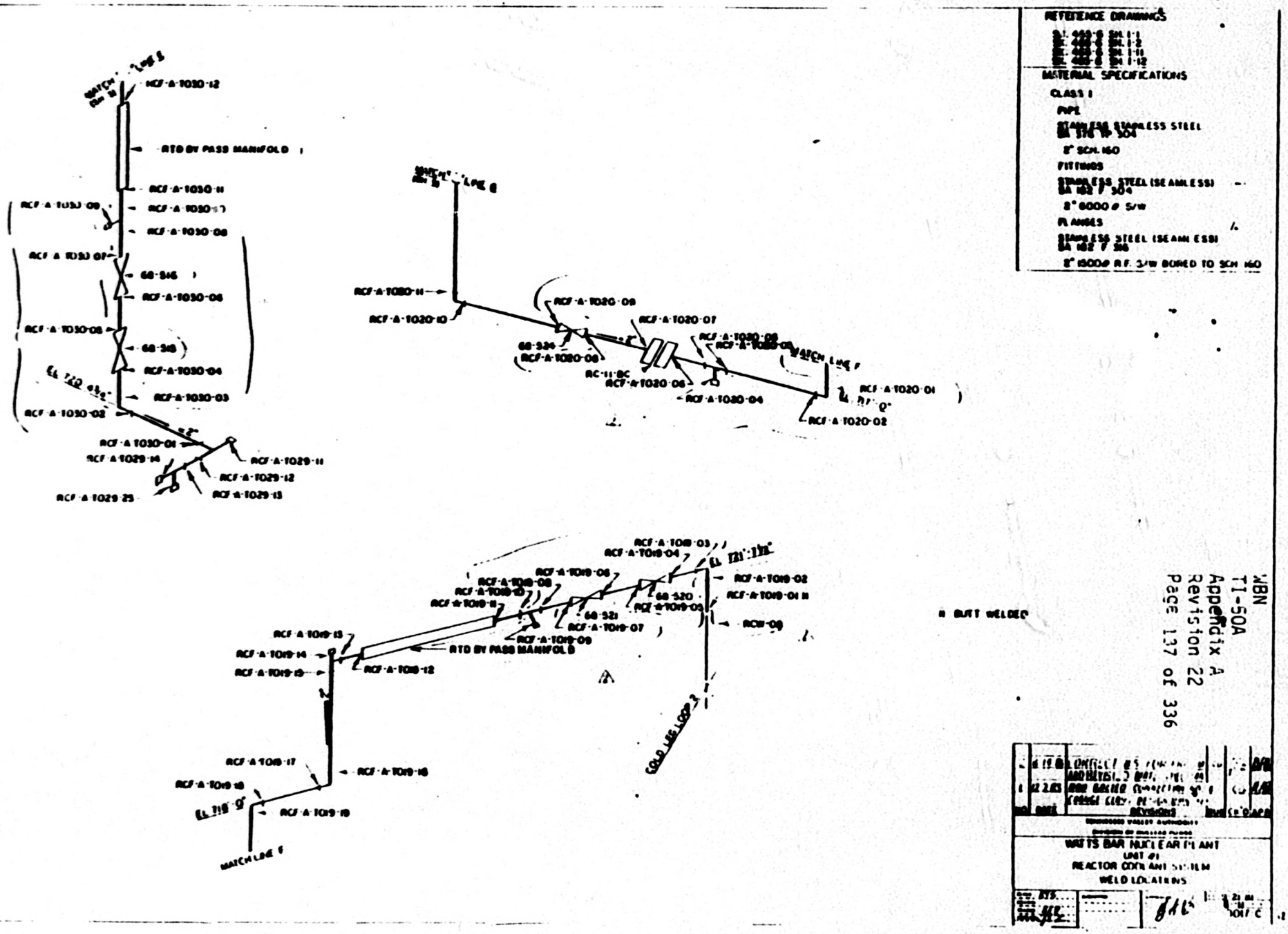
8" 6000# S/W

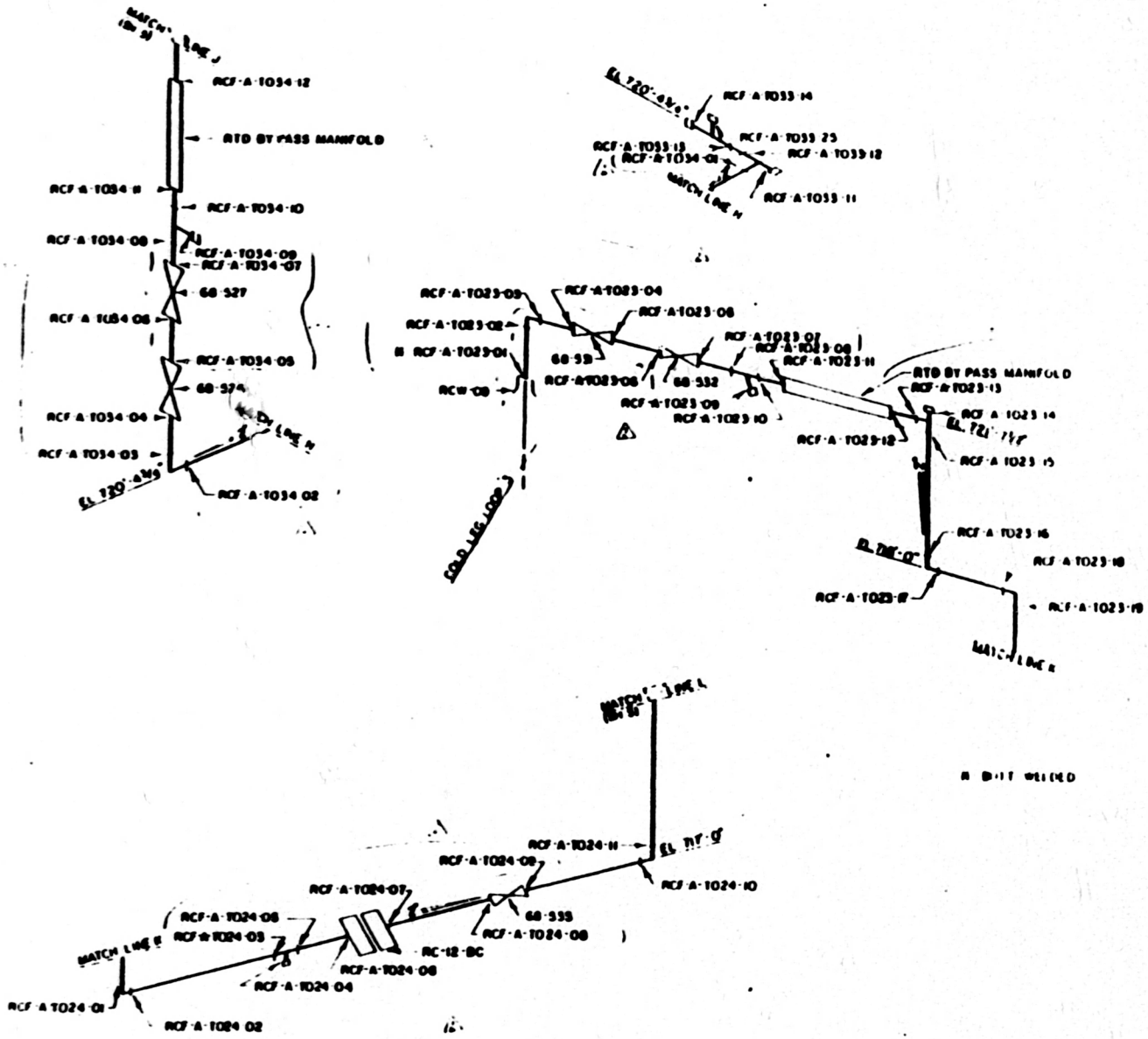
FLANGES

STAINLESS STEEL (SEAMLESS)
SA 182 F 316

8" 1500# R.F. S/W BORED TO SCH. 160

WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
WELD LOCATIONS


REFERENCE DRAWINGS
MATERIAL SPECIFICATIONS
CLASS I
PIPE
STAINLESS STAINLESS STEEL
2" SCH. 160
FITTINGS
STAINLESS STEEL (SEAMLESS)
2" 6000# S/W
FLANGES
STAINLESS STEEL (SEAMLESS)
2" 1500# R.F. S/W BORED TO SCH 160
RCF-A-T030-12
RTD BY PASS MANIFOLD
RCF-A-T030-11
RCF-A-T030-08
RCF-A-T030-07
68-516
RCF-A-T030-06
RCF-A-T030-05
68-518
RCF-A-T030-04
RCF-A-T030-03
RCF-A-T030-02
RCF-A-T030-01
RCF-A-T029-14
RCF-A-T029-11
RCF-A-T029-12
RCF-A-T029-13
RCF-A-T029-25
RCF-A-T020-11
RCF-A-T020-10
RCF-A-T020-09
RCF-A-T020-07
68-524
RCF-A-T020-08
RC-11-BC
RCF-A-T020-06
RCF-A-T020-04
RCF-A-T020-01
RCF-A-T020-02
MATCH LINE F
RCF-A-T019-03
RCF-A-T019-04
RCF-A-T019-06
RCF-A-T019-02
RCF-A-T019-01
68-520
RCF-A-T019-05
68-521
RCF-A-T019-07
RCW-08
RCF-A-T019-09
RTD BY PASS MANIFOLD
RCF-A-T019-13
RCF-A-T019-14
RCF-A-T019-15
RCF-A-T019-12
RCF-A-T019-17
RCF-A-T019-16
RCF-A-T019-18
RCF-A-T019-19
MATCH LINE F
COLD LEG LOOP 2
BUTT WELDED
WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
WELD LOCATIONS



REFERENCE DRAWINGS

MATERIAL SPECIFICATIONS

CLASS I

PIPE

SEAMLESS STAINLESS STEEL
SA 376 TP 304

2" SCH. 160

FITTINGS

STAINLESS STEEL (SEAMLESS)
SA 182 F 304

2" 6000# S/W

FLANGES

STAINLESS STEEL (SEAMLESS)
SA 182 F 316

2" 1500# R.F. S/W BORED TO SCH. 160

WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
WELD LOCATIONS

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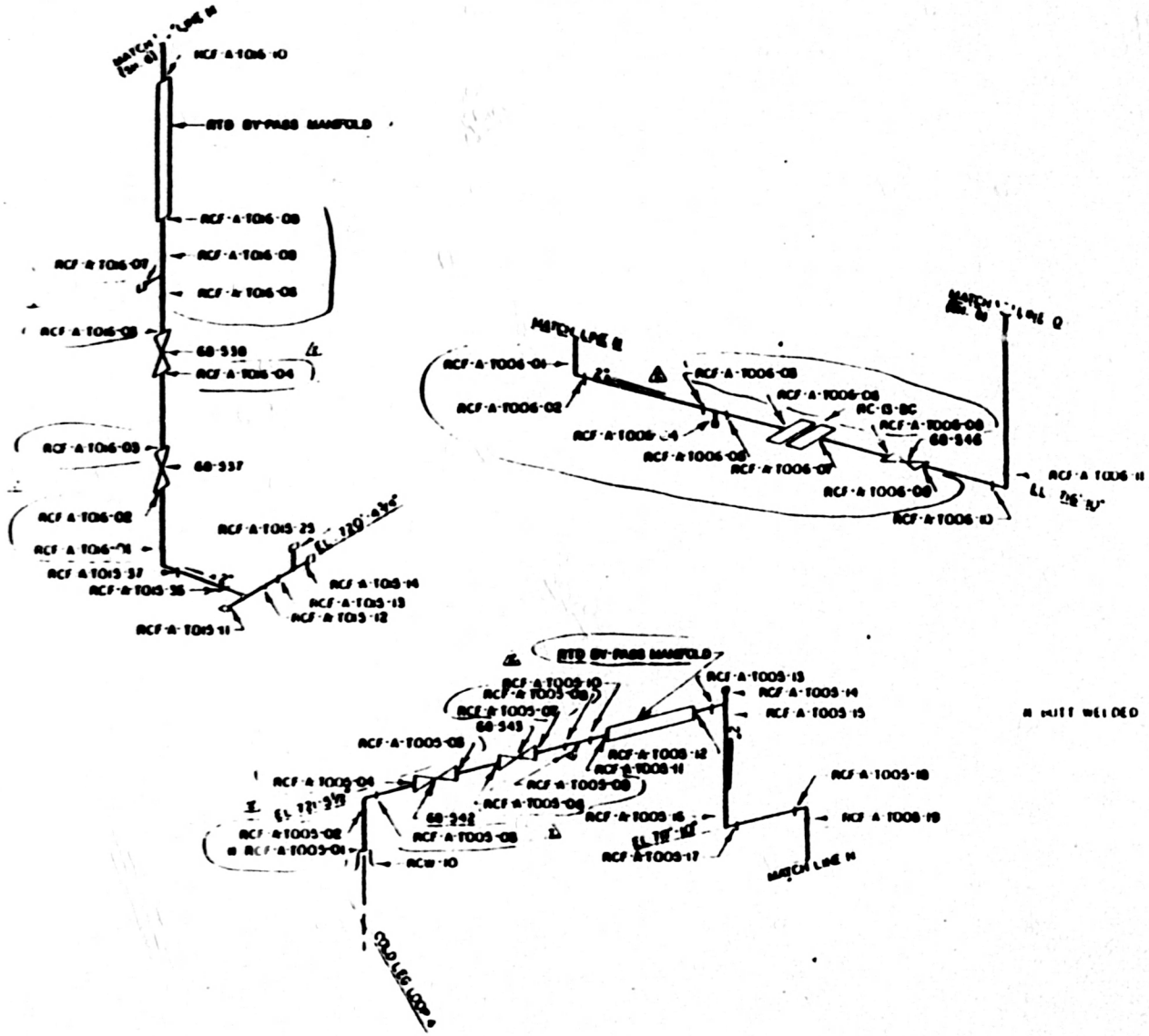

REFERENCE DRAWINGS

MATERIAL SPECIFICATIONS

CLASS I

PIPE

SEAMLESS STAINLESS STEEL
SA 376 TP 304

2" SCH 160

FITTINGS

SEAMLESS STAINLESS STEEL
SA 182 F 304

2" 6000# S/W

FLANGES

SEAMLESS STAINLESS STEEL
SA 182 F 316

2" 1500# R.F. S/W BORED TO SCH 160

N BUTT WELDED

WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
WELD LOCATIONS

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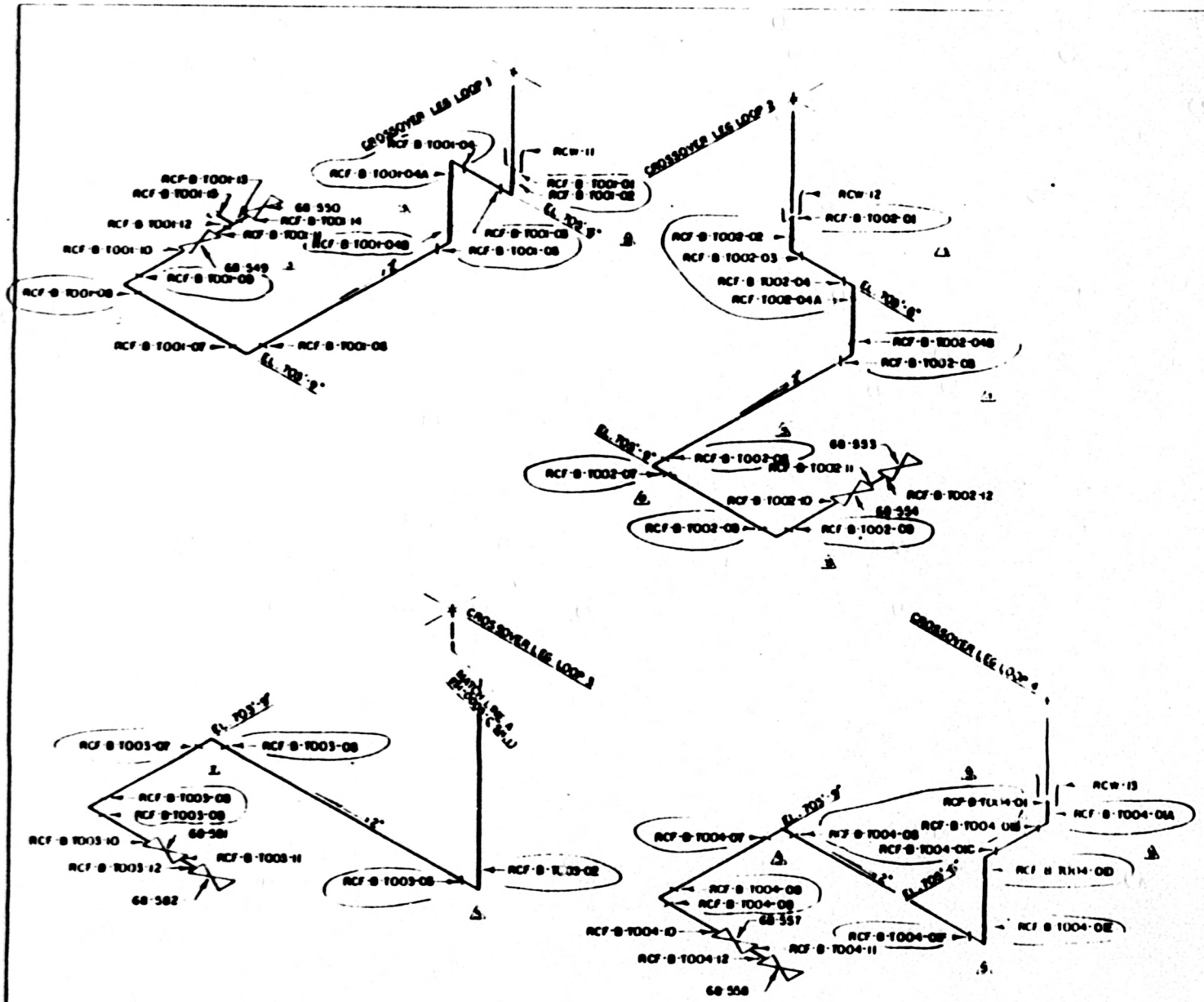

REFERENCE DRAWINGS

MATERIAL SPECIFICATIONS

CLASS 1

PIPE

STAINLESS STEEL
SA 376 TP 304

8" SCH. 160

FITTINGS

STAINLESS STEEL
SA 182 F 304

8" 6000# S/W

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WATTS BAR NUCLEAR PLANT

UNIT #1

REACTOR COOLANT SYSTEM

WELD LOCATIONS

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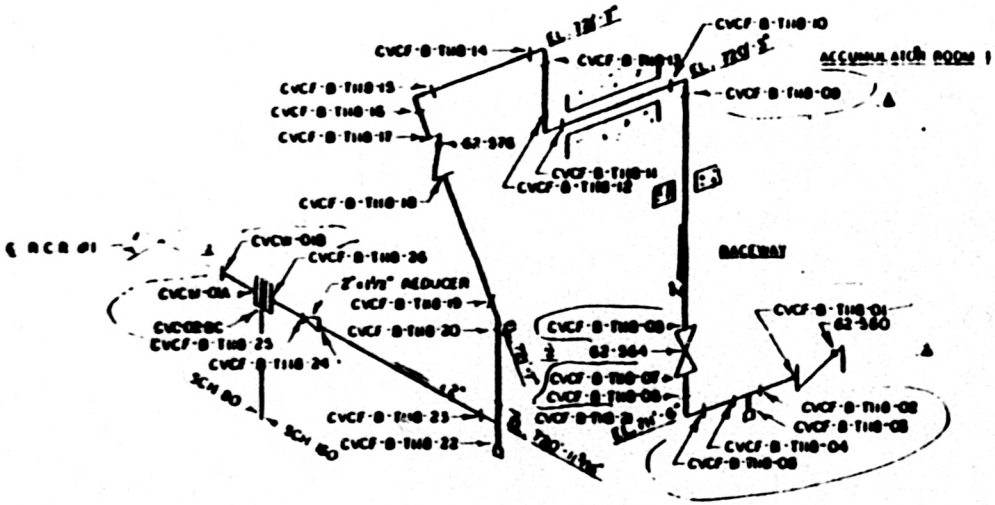
REFERENCE DRAWINGS
SH. 406-7 SH. 3

MATERIAL SPECIFICATIONS
CLASS I
PIPE
SA 376 TP 304
2" SCH 160
1½" SCH 160
1½" SCH 80
FITTINGS
SA 182 F 304
2" BORE SCH 160
FLANGES
SA 182 F 316
1½" BORE SCH 160



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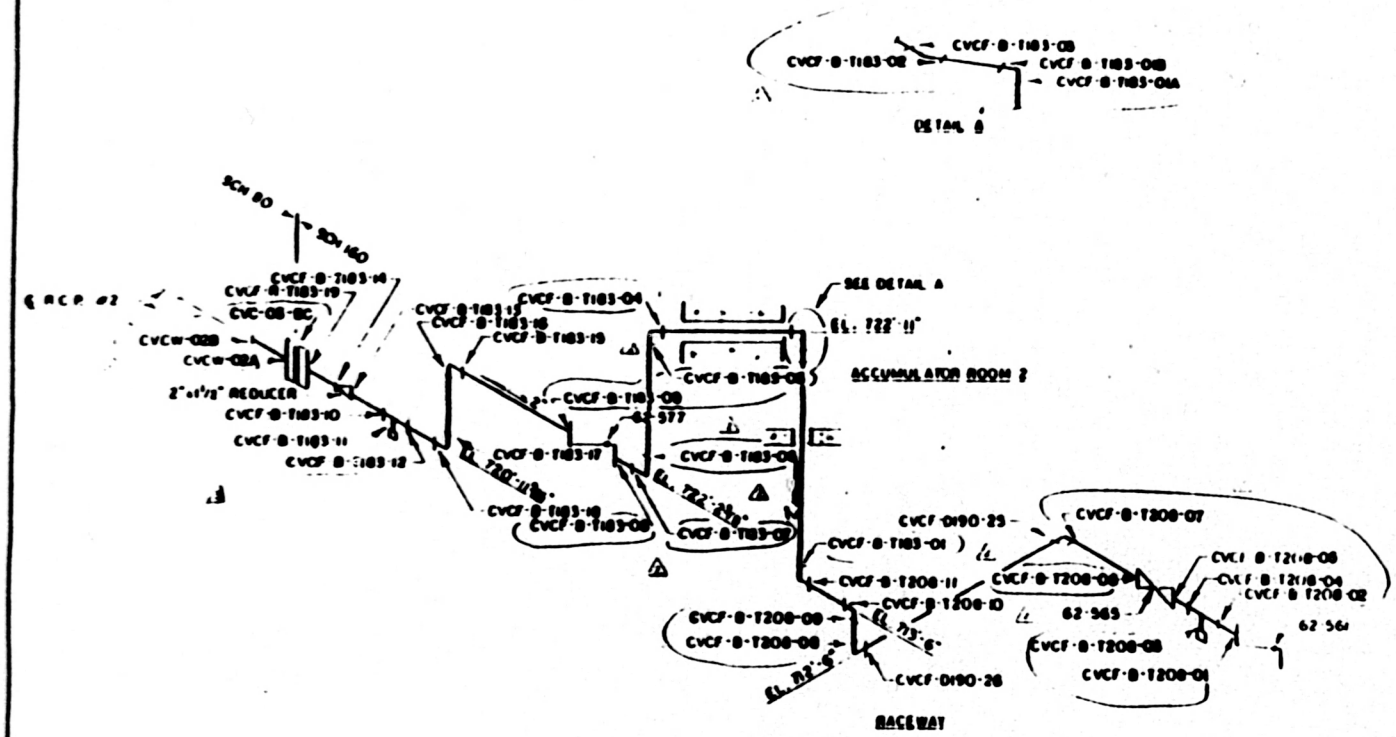
1	[illegible]	[illegible]	[illegible]

WATTS BAR NUCLEAR PLANT
UNIT #1
CHEMICAL AND VOLUME CONTROL SYSTEM
SEAL WATER INJECTION
(WELD LOCATIONS)

REFERENCE DRAWINGS
SK. 406-7 SH. 12
SK. 406-9 SH. 1

MATERIAL SPECIFICATIONS
CLASS I
PIPE
SA 376 TP 304
2" SCH 160
1½" SCH 160
1½" SCH 80
FITTINGS
SA 182 F 304
2" BORE SCH 160
FLANGES
SA 182 F 316
1½" BORE SCH 160



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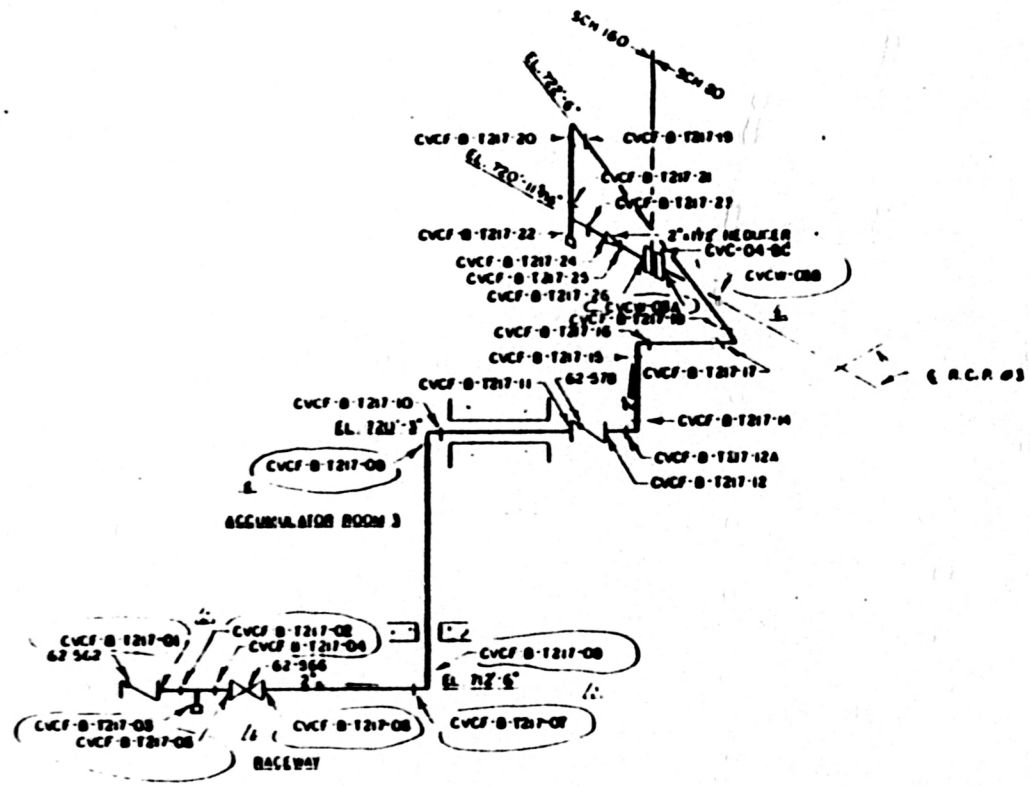
1	[illegible]	[illegible]

WATTS BAR NUCLEAR PLANT
UNIT 1
CHEMICAL AND VOLUME CONTROL SYSTEM
SEAL WATER INJECTION
WELD LOCATIONS

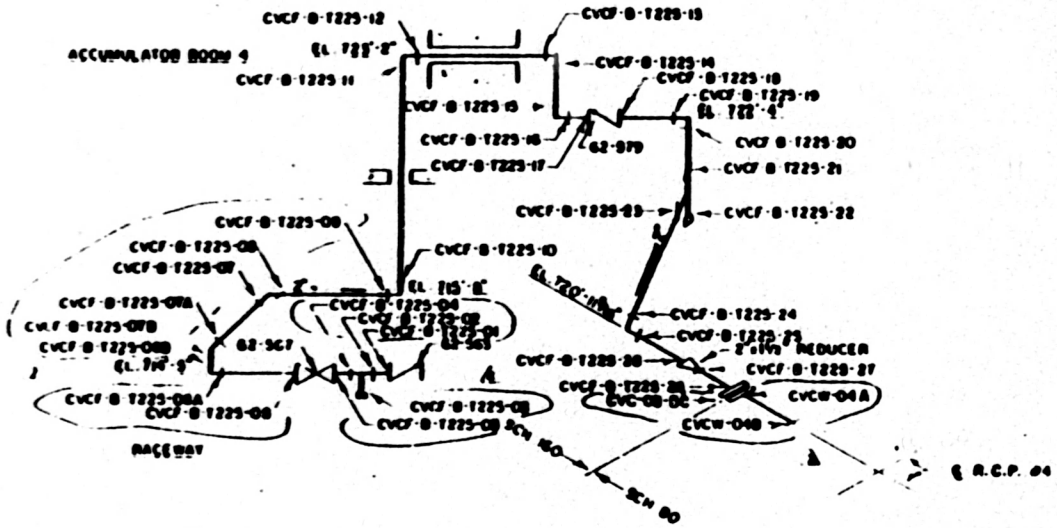
REFERENCE DRAWINGS
SK 406-7 SH 21
MATERIAL SPECIFICATIONS
CLASS I
PIPE
SA 376 TP 304
2" SCH 160
1½" SCH 160
1½" SCH 80
FITTINGS
SA 182 F 304
2" BORE SCH 160
FLANGES
SA 182 F 316
1½" BORE SCH 160



NO.	DATE	REVISIONS	CHECK	DATE

WATTS BAR NUCLEAR PLANT
UNIT #1
CHEMICAL AND VOLUME CONTROL SYSTEM
SEAL WATER INJECTION
WELD LOCATIONS

REFERENCE DRAWINGS
SH 406-7 SH 27
MATERIAL SPECIFICATIONS
CLASS I
PIPE
SA 376 TP 304
2" SCH 160
1½" SCH 160
1½" SCH 80
FITTINGS
SA 182 F 304
2" BORE SCH 160
FLANGES
1½" BORE SCH 160



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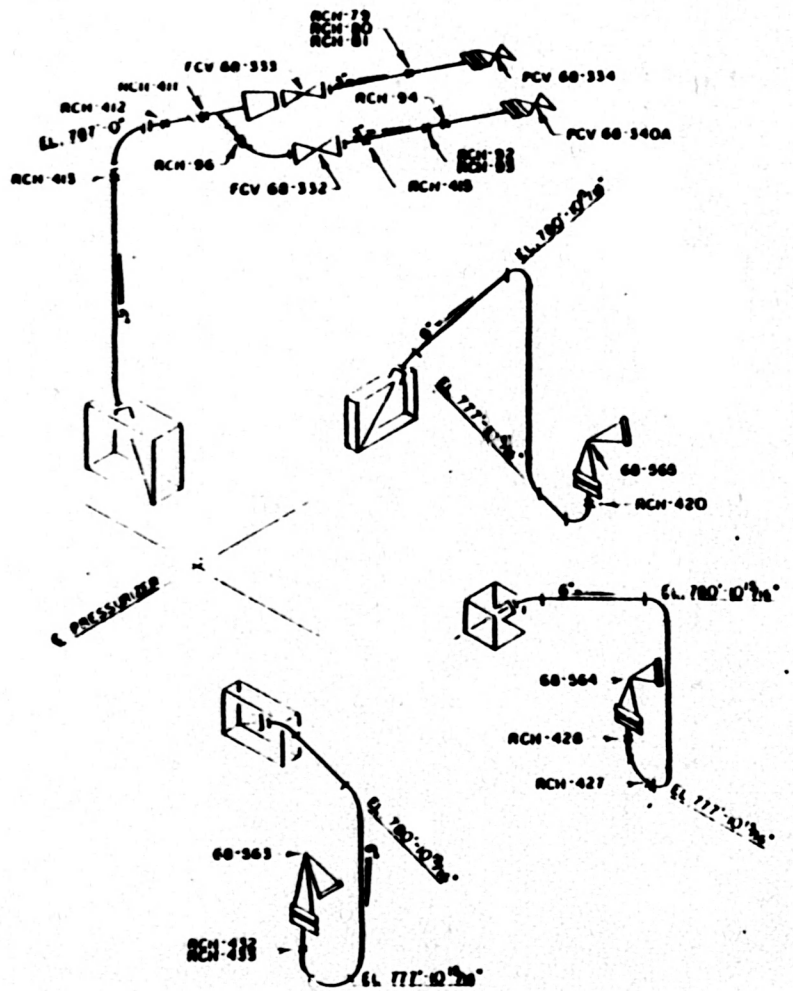
WATTS BAR NUCLEAR PLANT
UNIT 01
CHEMICAL AND VOLUME CONTROL SYSTEM
SEAL WATER INJECTION
WELD LOCATIONS

REFERENCE DRAWINGS
47W465-2H
CLASS 1



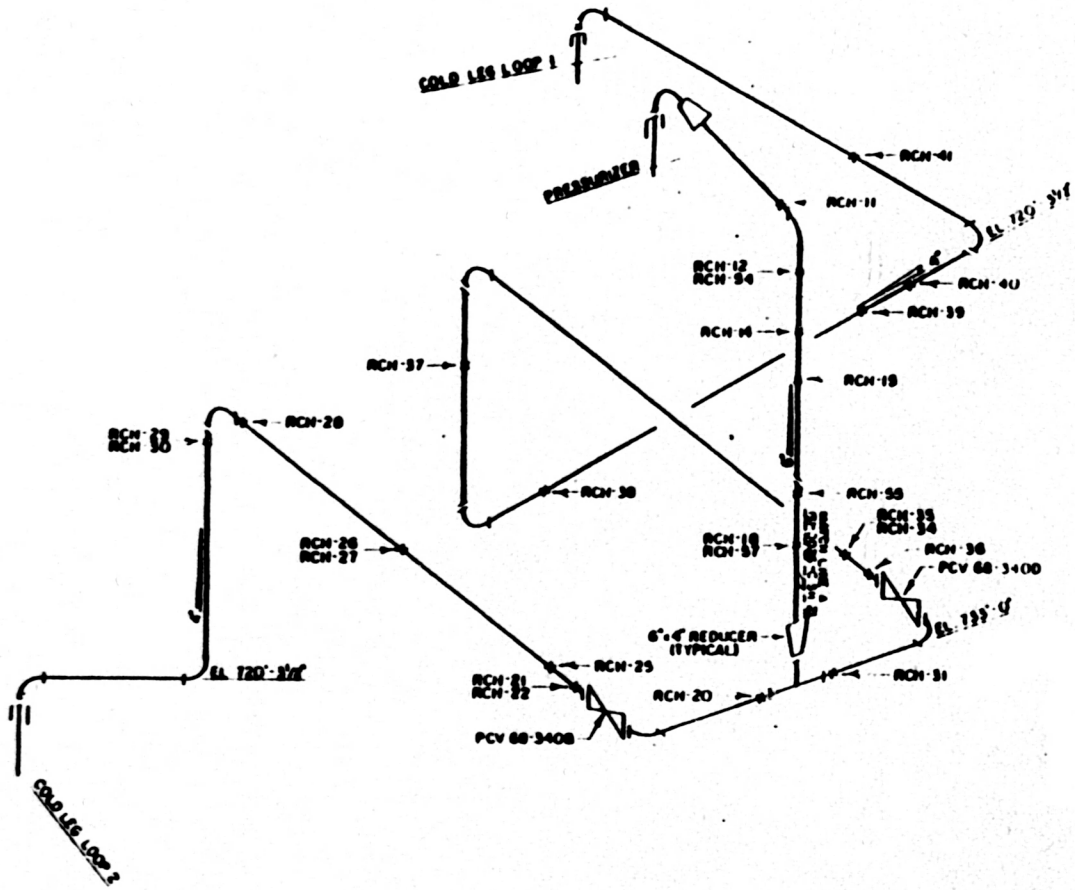
NO	DATE	REVISIONS	CK	APP
1	1-30-84	CORRECT REFERENCE DRAWING		

TENNESSEE VALLEY AUTHORITY
DIVISION OF NUCLEAR POWER

WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
HANGER LOCATIONS

DATE 6-29-83

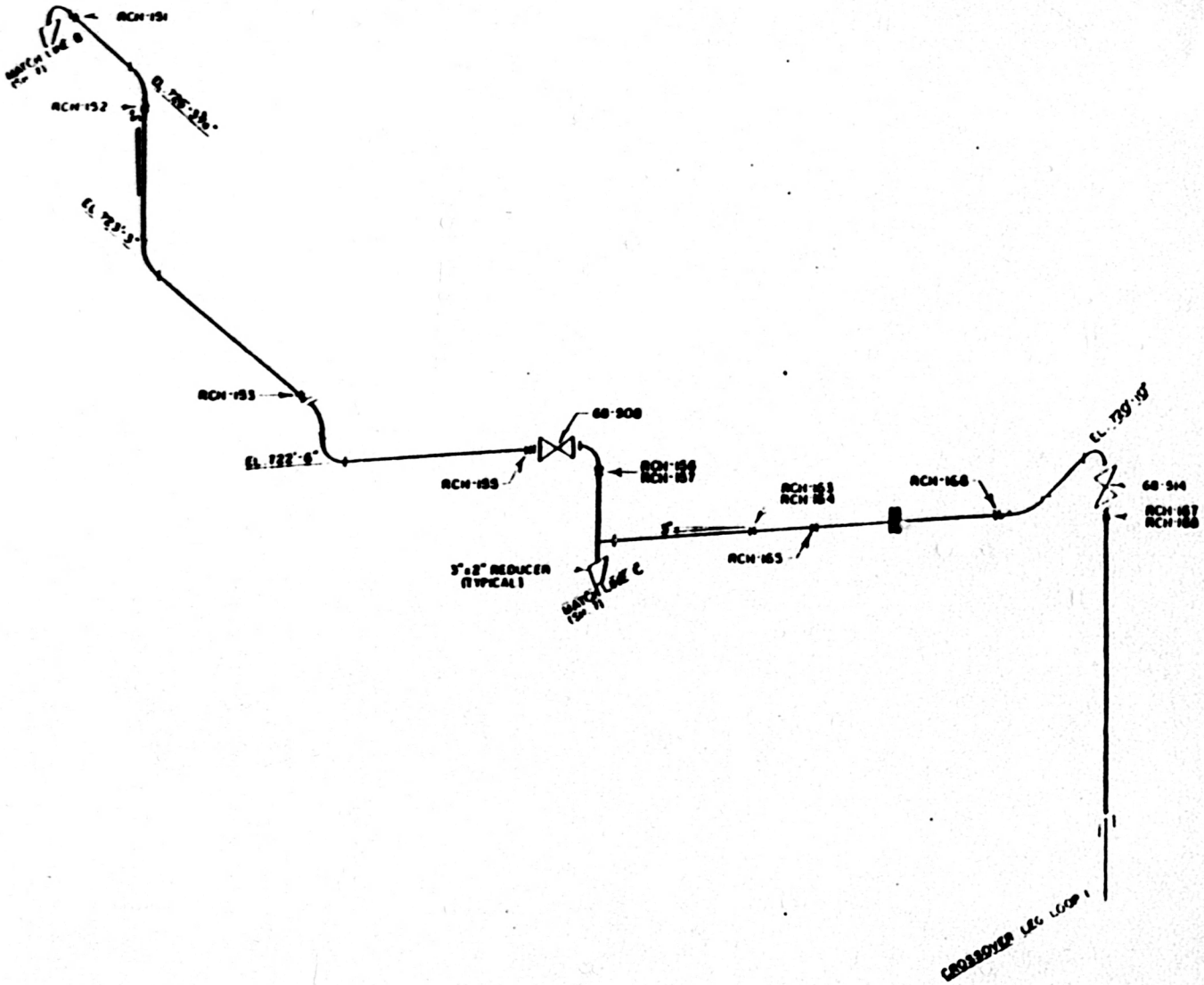
REFERENCE DRAWINGS
47W465-206
CLASS I



NO.	DATE	REVISIONS	CK'D	APP

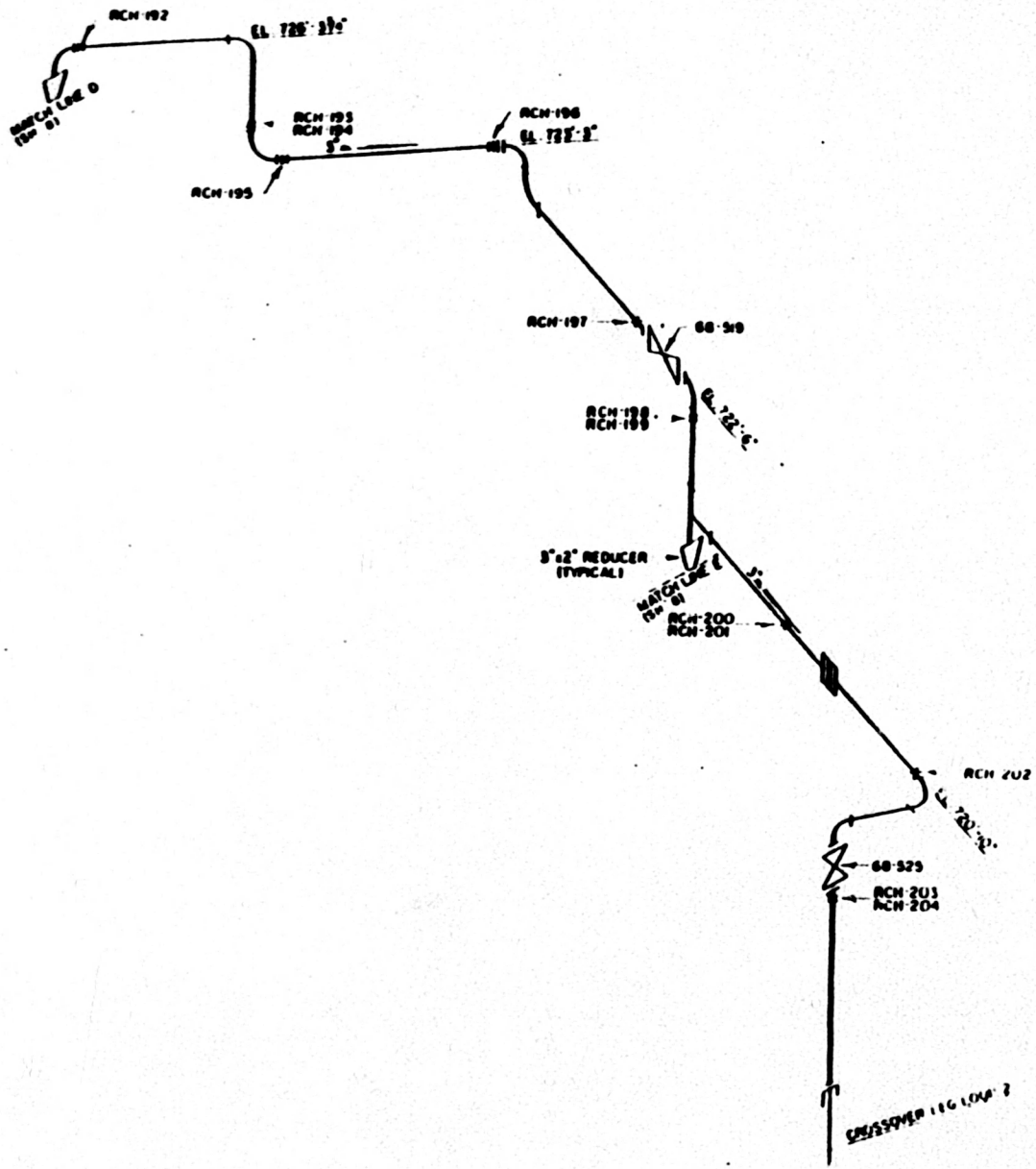
WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
HANGER LOCATIONS

REFERENCE DRAWINGS
47W465-2014
CLASS 1



NO	DATE	REVISIONS	BY	CHK	APP

WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
HANGER LOCATIONS



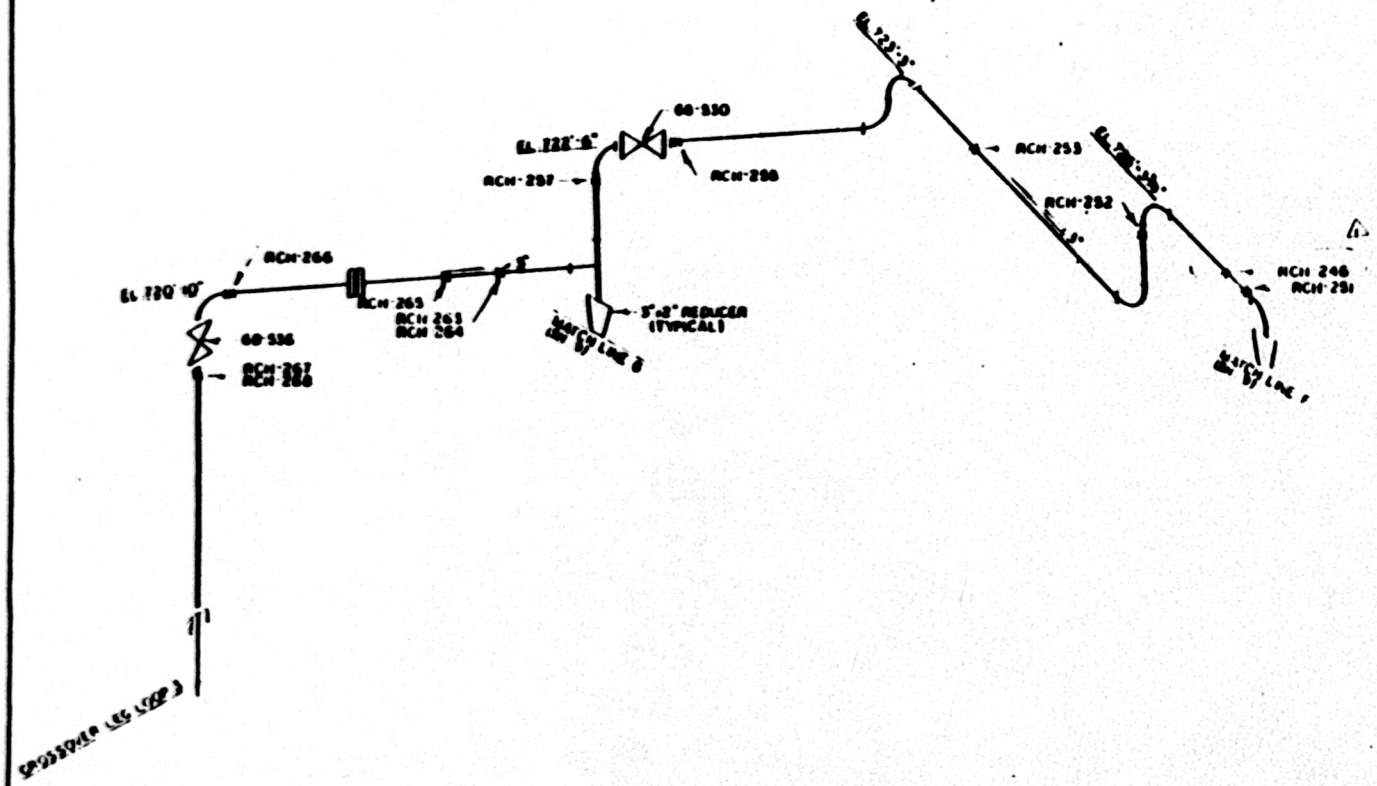
REFERENCE DRAWINGS
47W465-209
CL 555 1

NO.	DATE	REVISIONS	BY	APP

WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
HANGER LOCATIONS

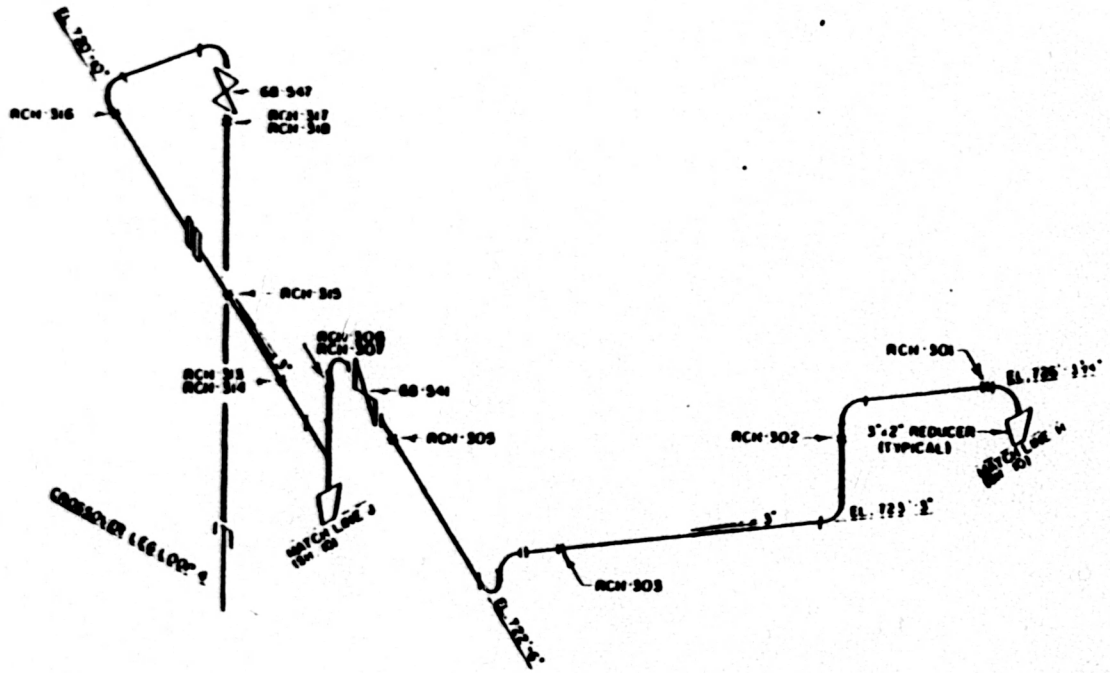
NTS

REFERENCE DRAWINGS
47W466-203
CLASS I



WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
HANGER LOCATIONS

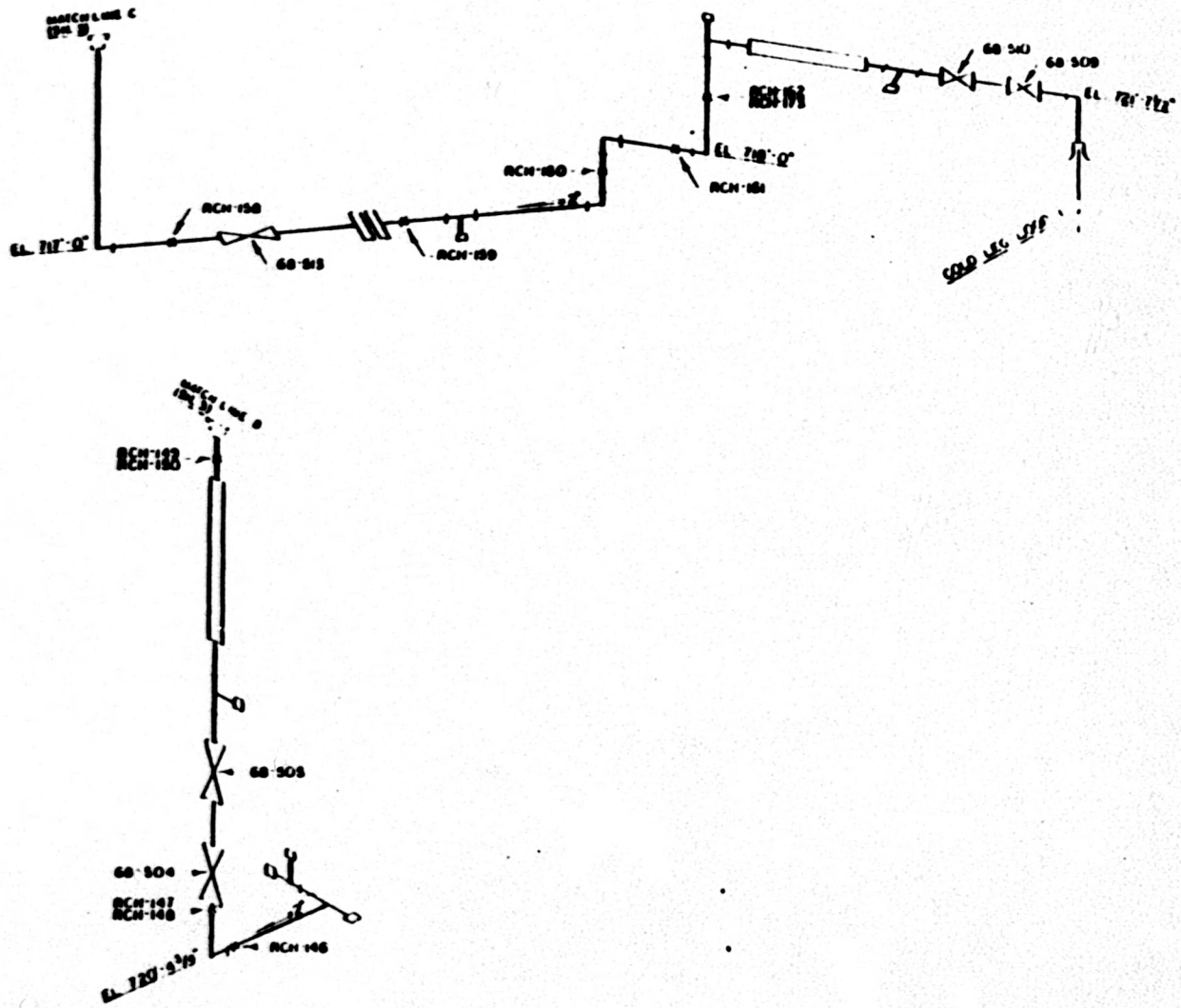
REFERENCE DRAWINGS
47W465-205
CLASS I



REVISIONS

WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
HANGER LOCATIONS

REFERENCE DRAWINGS
47W465-204
CLASS I



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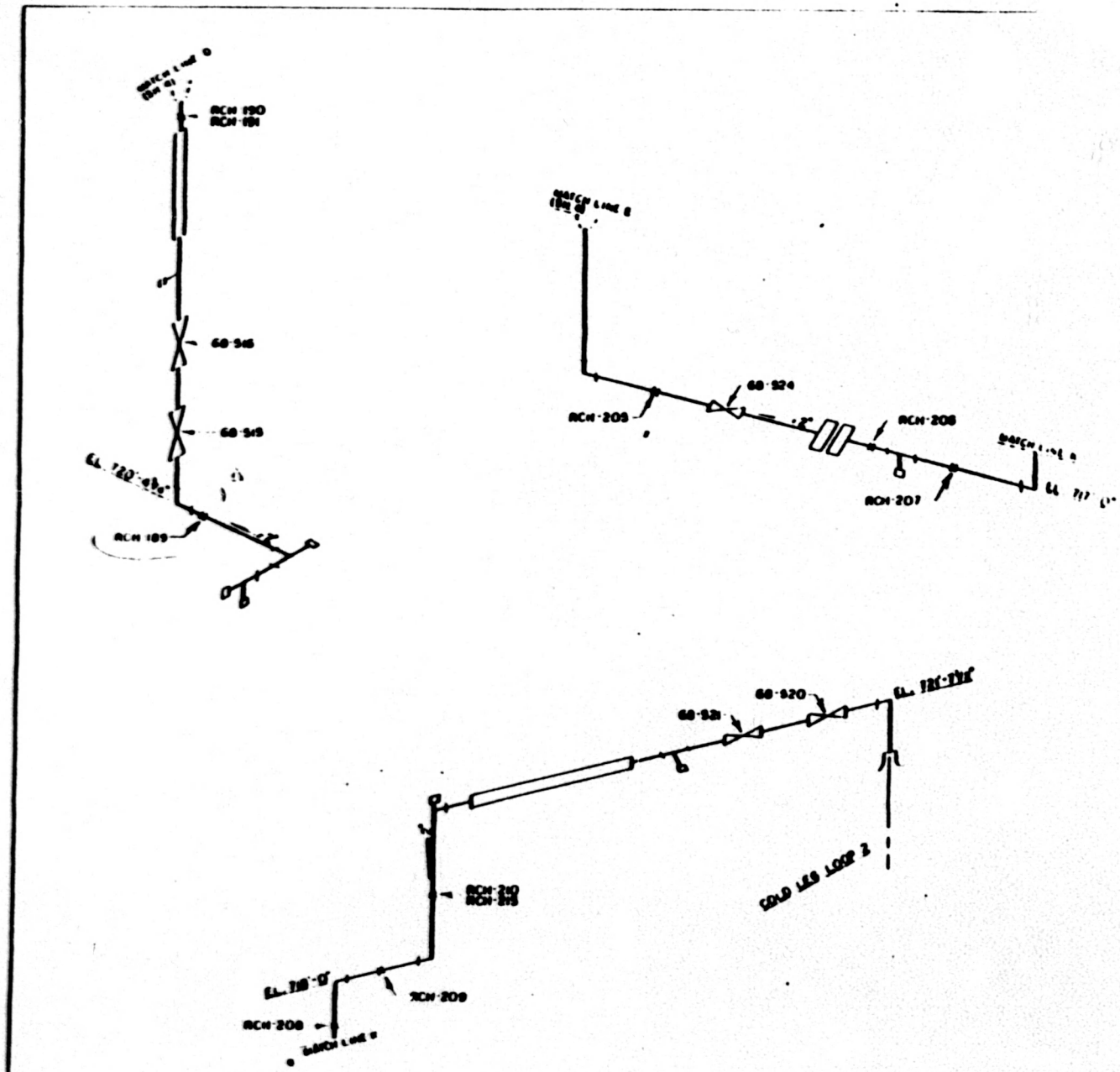
WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM



REFERENCE DRAWINGS
47W469-209
CLASS I

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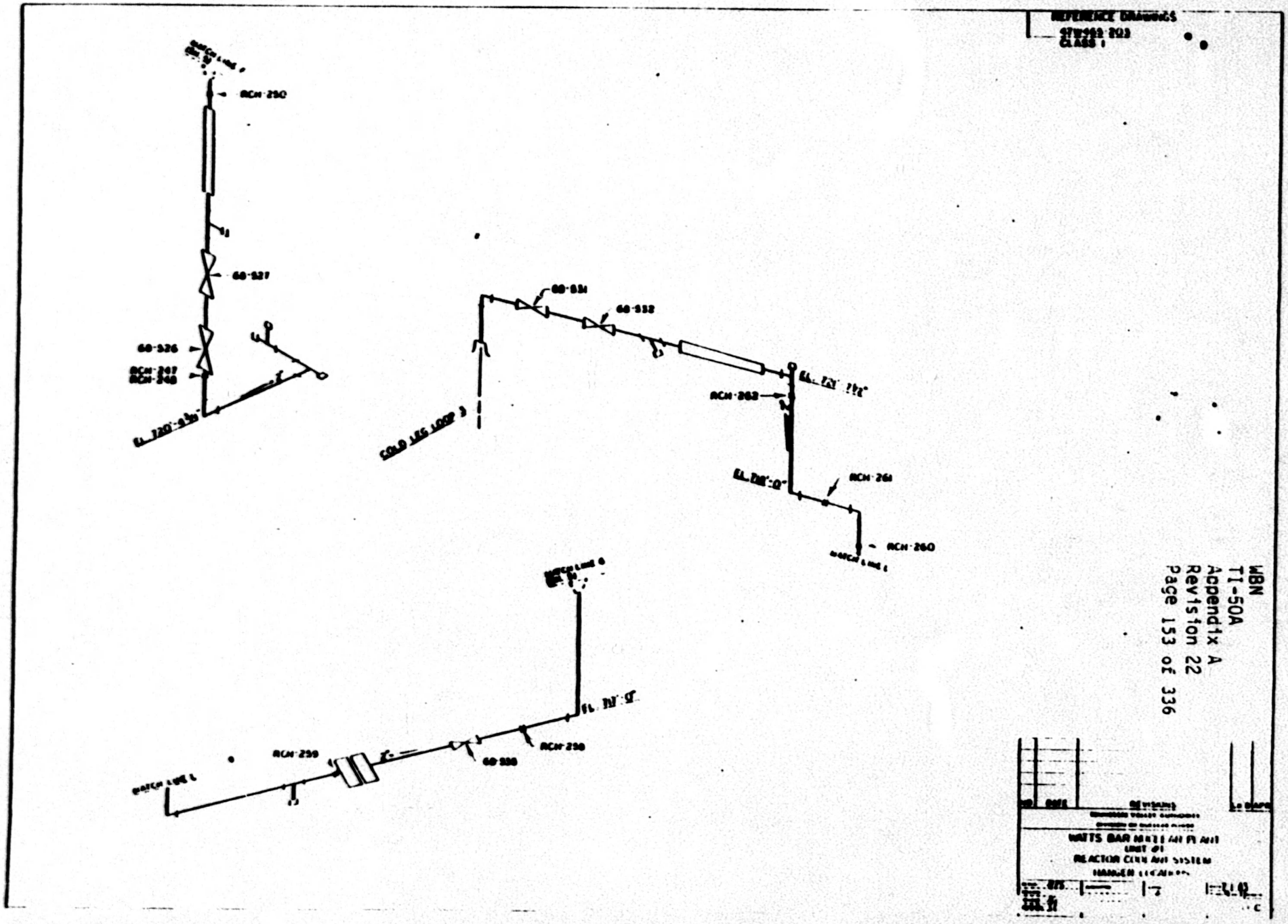
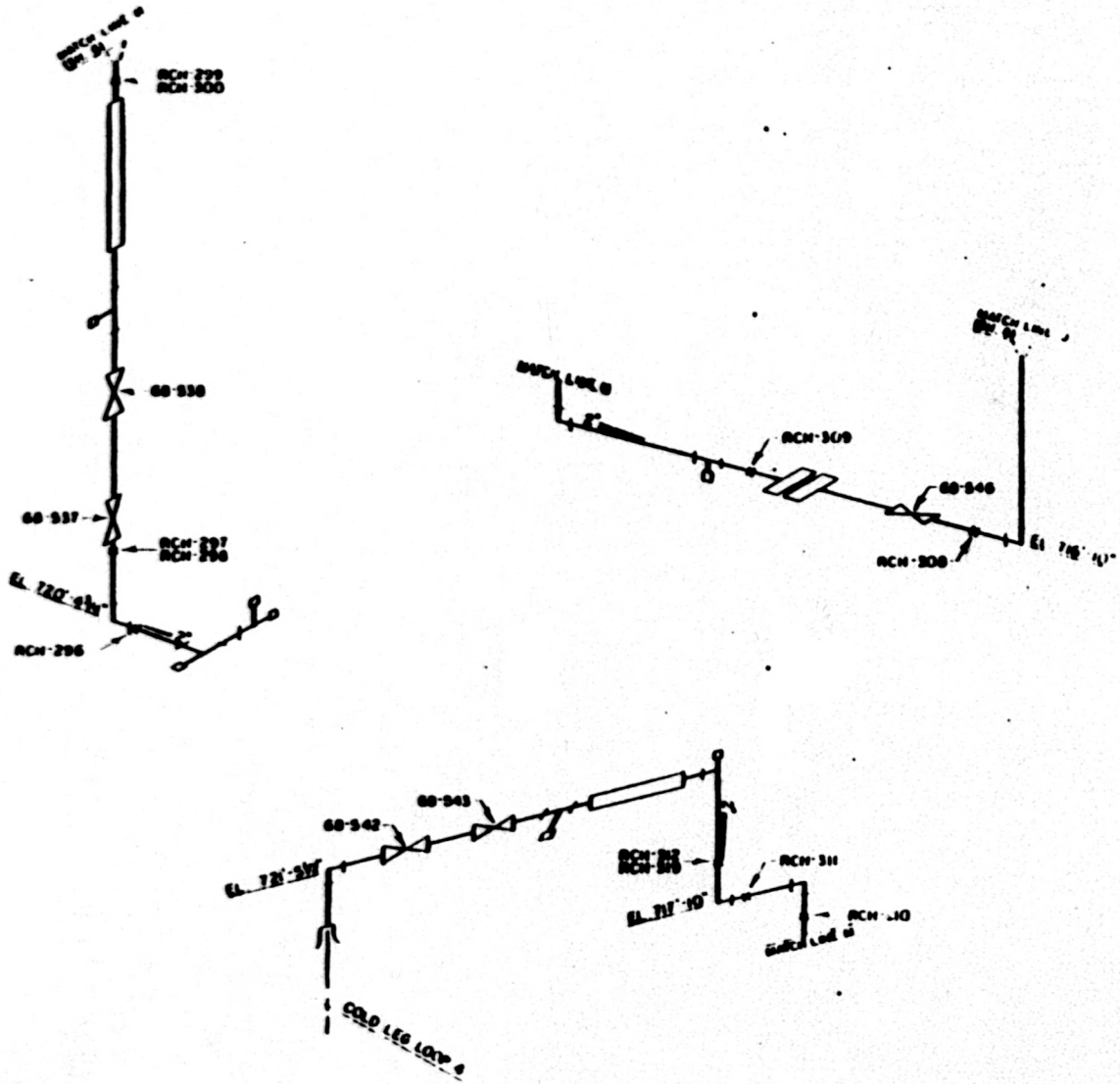
WATTS BAR NUCLEAR PLANT
UNIT 01
REACTOR COOLANT SYSTEM

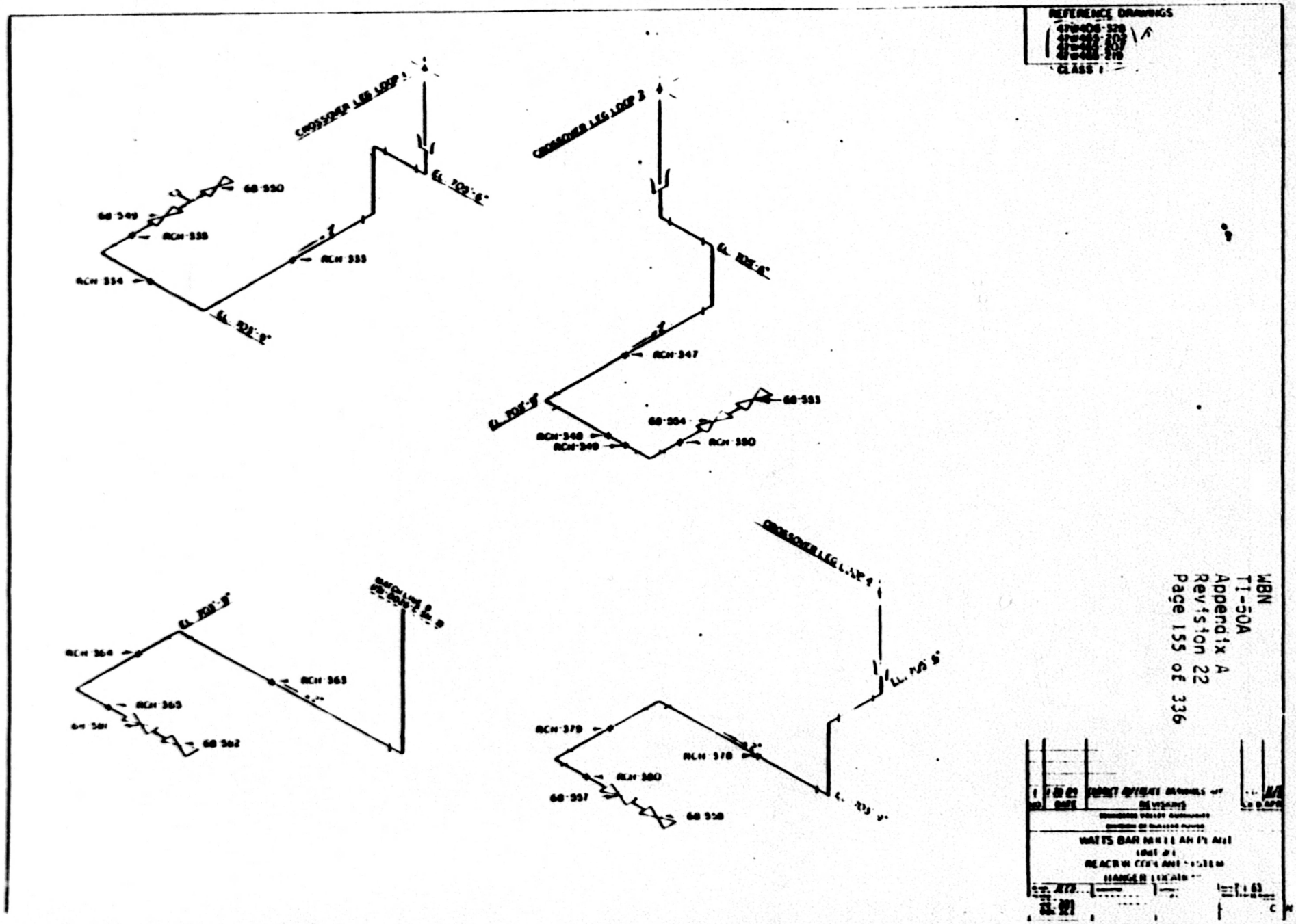

REFERENCE DRAWINGS
CLASS 1
RCH-250
68-527
68-526
RCH-247
RCH-248
COLD LEG LOOP 3
68-531
68-532
RCH-262
RCH-261
RCH-260
RCH-259
RCH-258
68-530
MATCH LINE L
REVISIONS
WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
HANGER LOCATIONS

REFERENCE DRAWINGS
47W600-202
CLASS 1

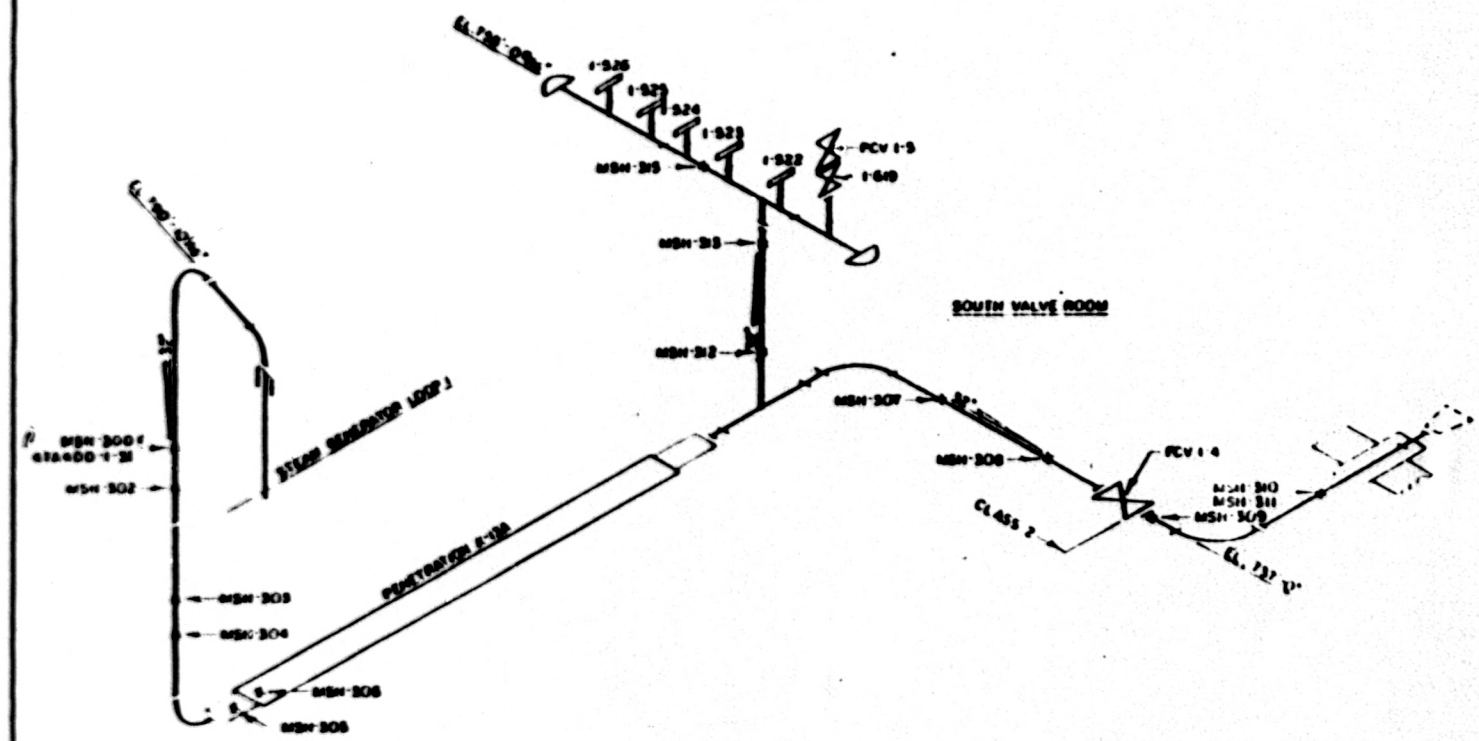


NO	DATE	REVISIONS	BY	APP
		TENNESSEE VALLEY AUTHORITY		
		DIVISION OF NUCLEAR POWER		

WATTS BAR NUCLEAR PLANT
UNIT #1
REACTOR COOLANT SYSTEM
HANGER LOCATIONS


REFERENCE DRAWINGS
CLASS I
CROSSOVER LEG LOOP 1
CROSSOVER LEG LOOP 2
CROSSOVER LEG LOOP 3
CROSSOVER LEG LOOP 4
RCH 333
RCH 334
RCH 347
RCH 348
RCH 349
RCH 350
RCH 363
RCH 364
RCH 365
RCH 378
RCH 379
RCH 380
WATTS BAR NUCLEAR PLANT
REACTOR COOLANT SYSTEM
HANGER LOCATIONS

REFERENCE DRAWINGS
47W400-213
CLASS 2



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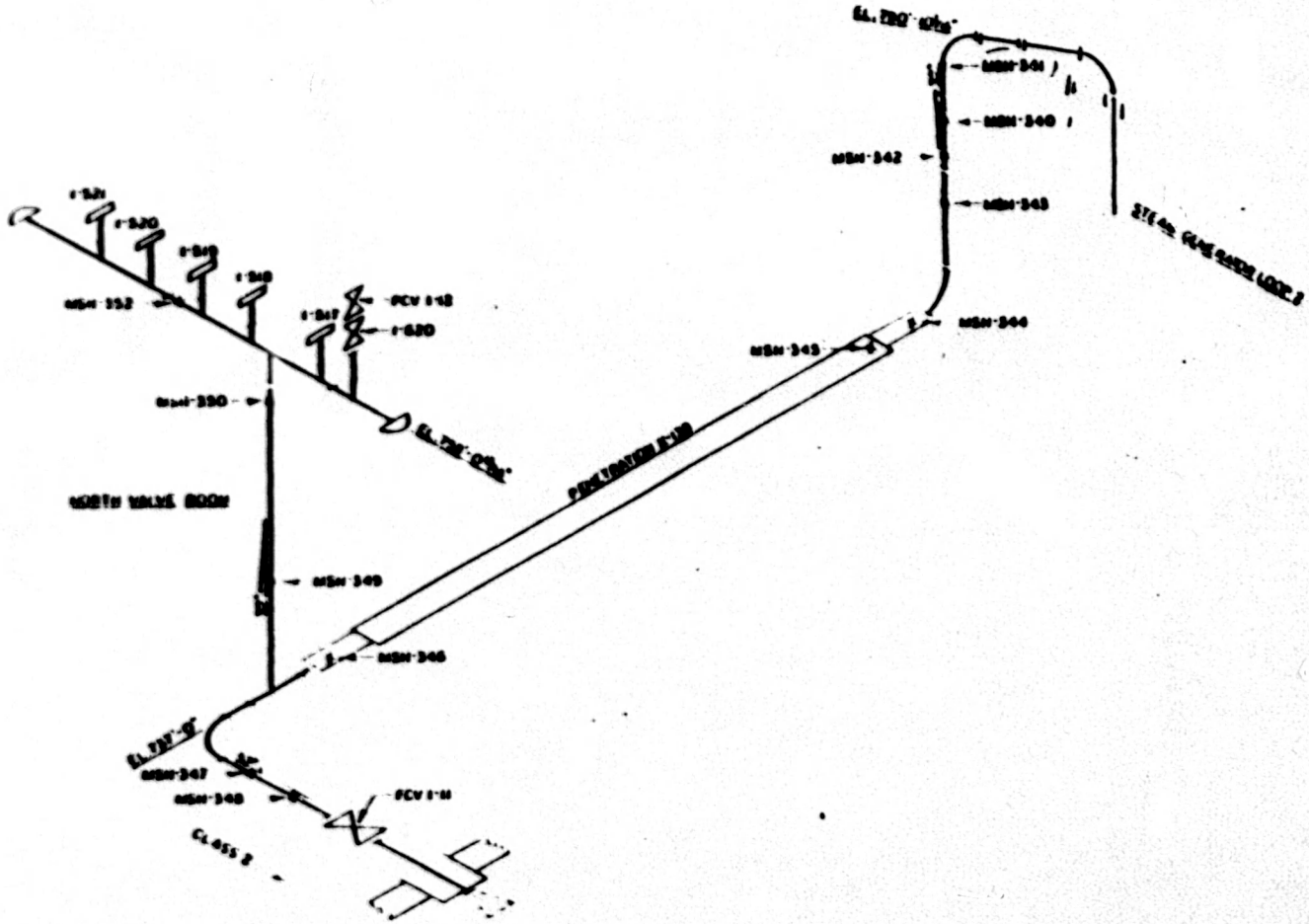
WATTS BAR NUCLEAR PLANT
UNIT #1
MAINSTEAM SYSTEM
HANGER LOCATIONS

REFERENCE DRAWINGS



WATTS BAR NUCLEAR PLANT
UNIT #1
HANGER LOCATIONS

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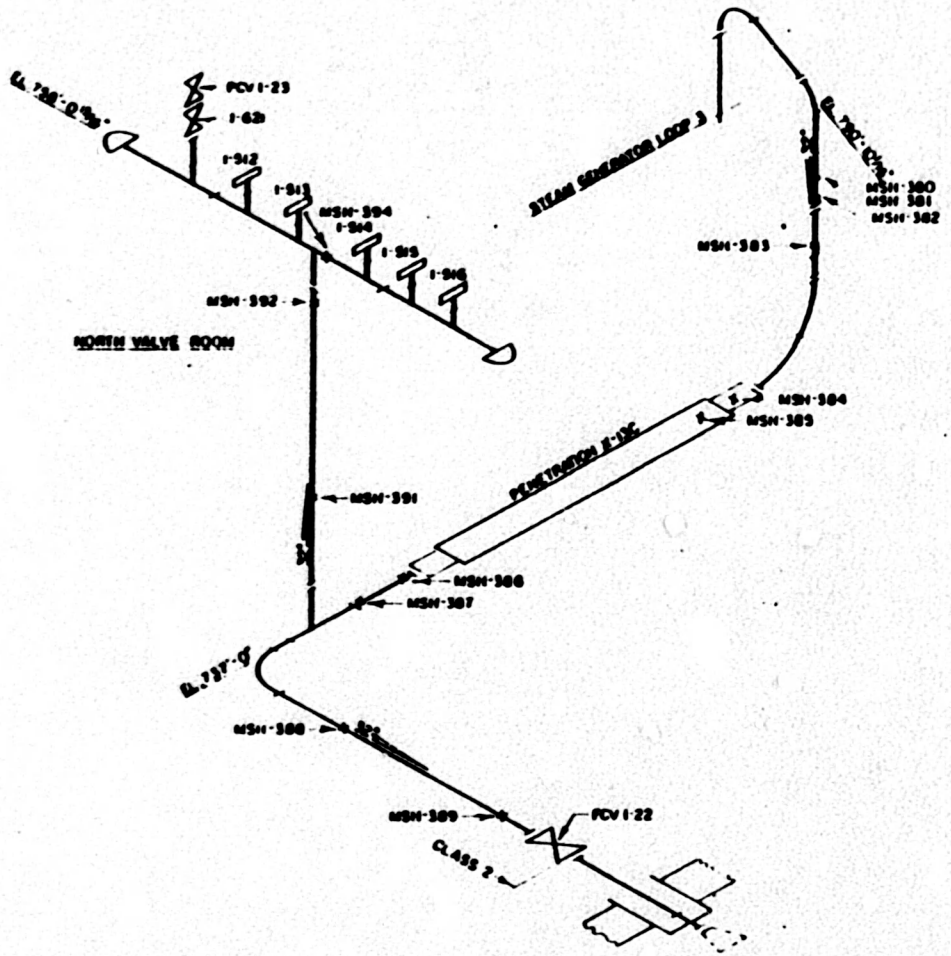
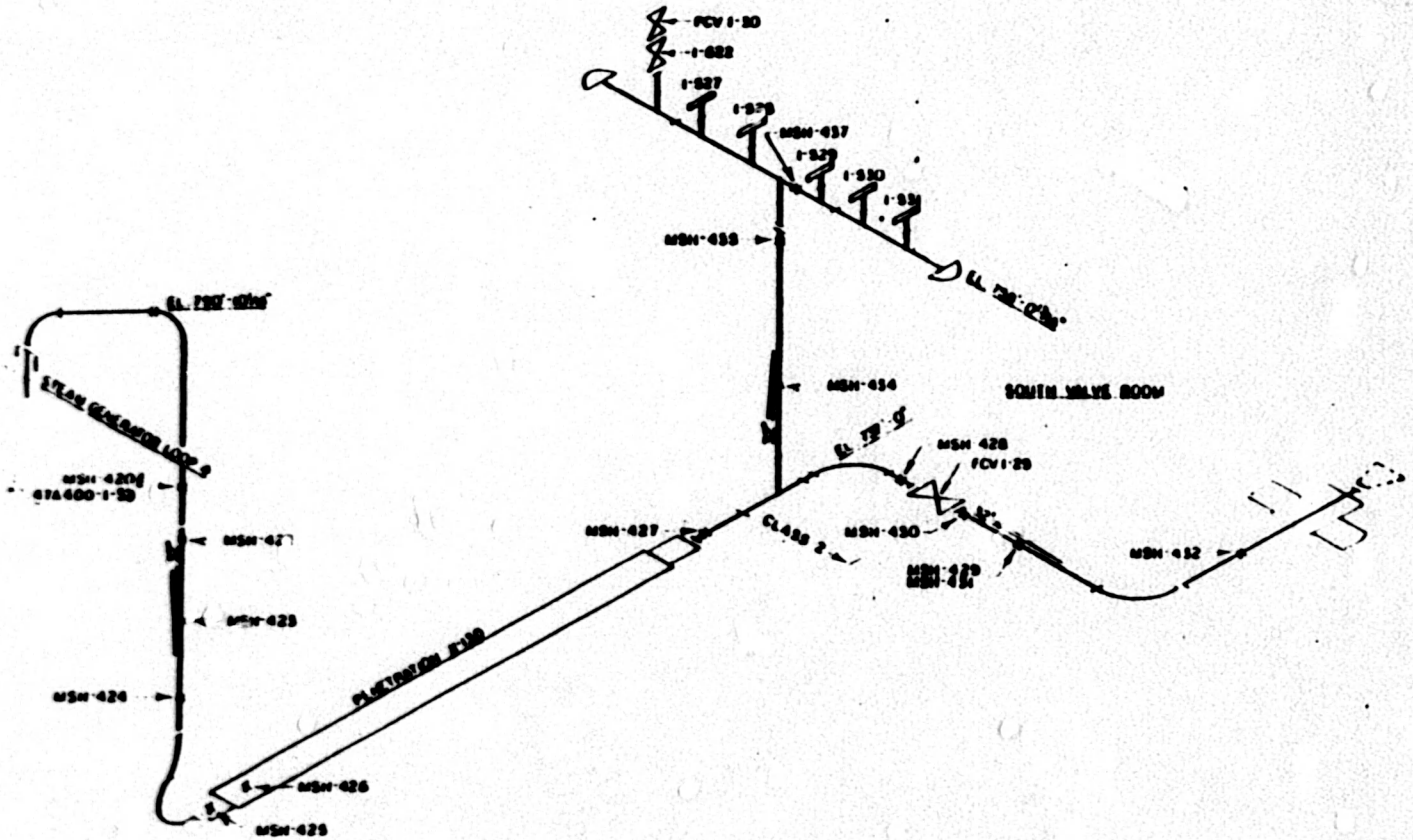
REFERENCE DRAWINGS
47W400-218
CLASS 2



NO.	DATE	REVISIONS	CK	APP
1	1-19-84	CORRECT REFERENCE DRAWING		

WATTS BAR NUCLEAR PLANT
UNIT #1
MAINSTEAM SYSTEM
HANGER LOCATIONS



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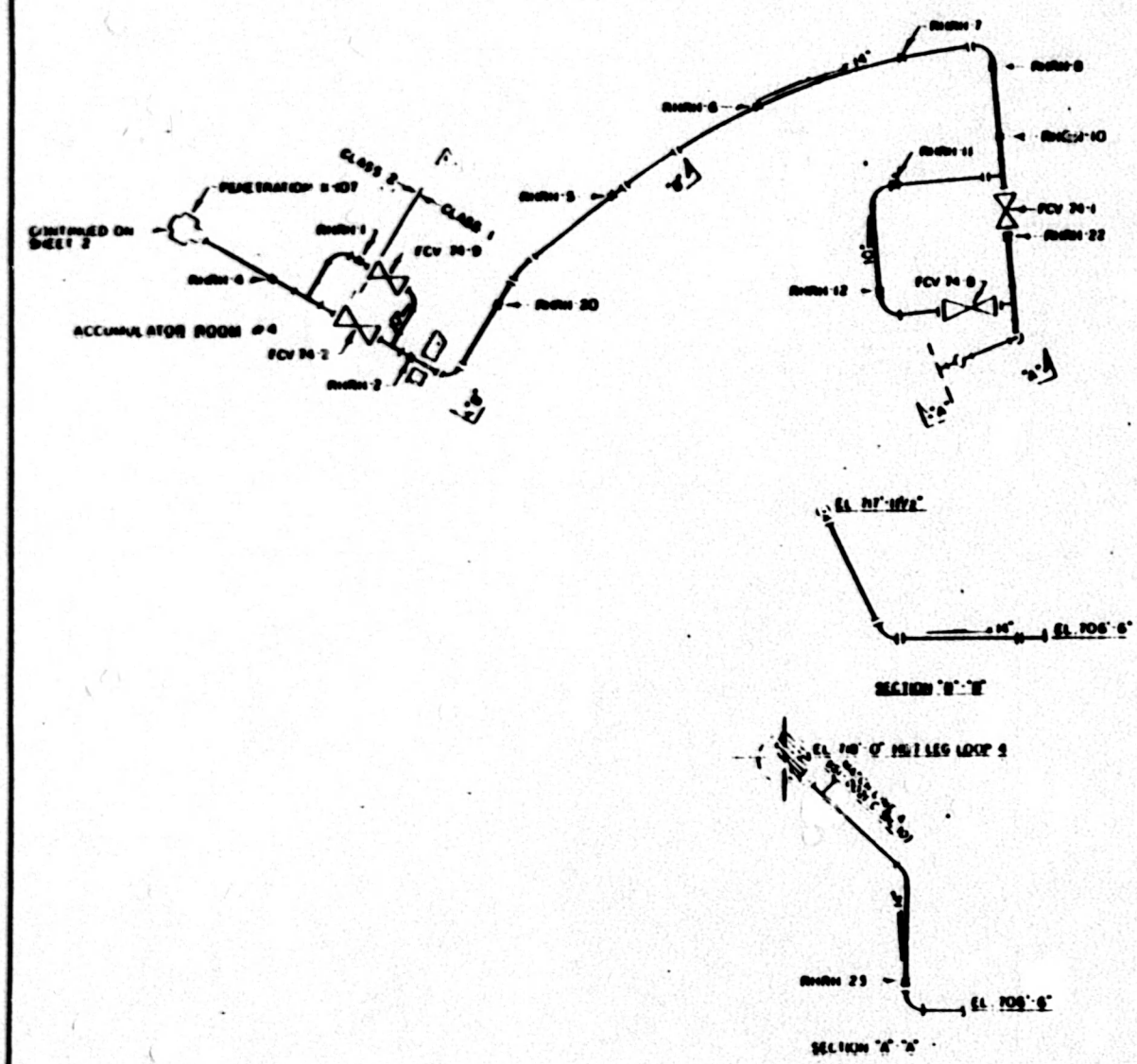
WATTS BAR NUCLEAR PLANT
UNIT 1
MAINSTEAM SYSTEM
HANGER LOCATIONS

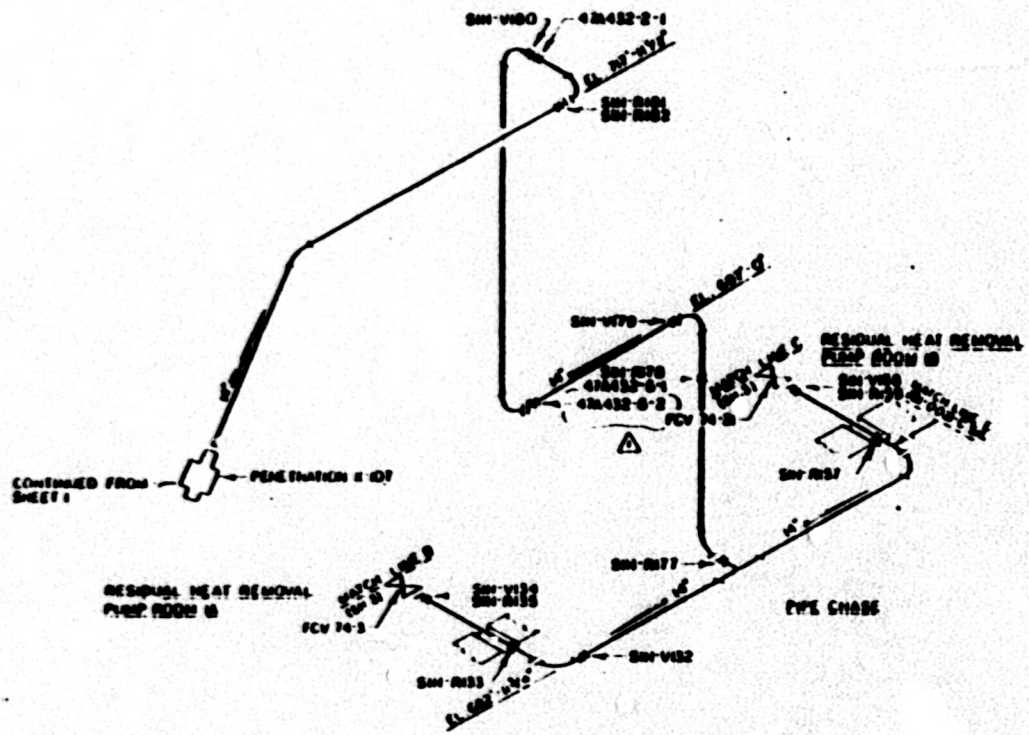
REFERENCE DRAWINGS
47W432-215
CLASS 1 & 2



CORRECT CLASS DESIGNATIONS AND REFERENCE DRAWINGS
REVISIONS

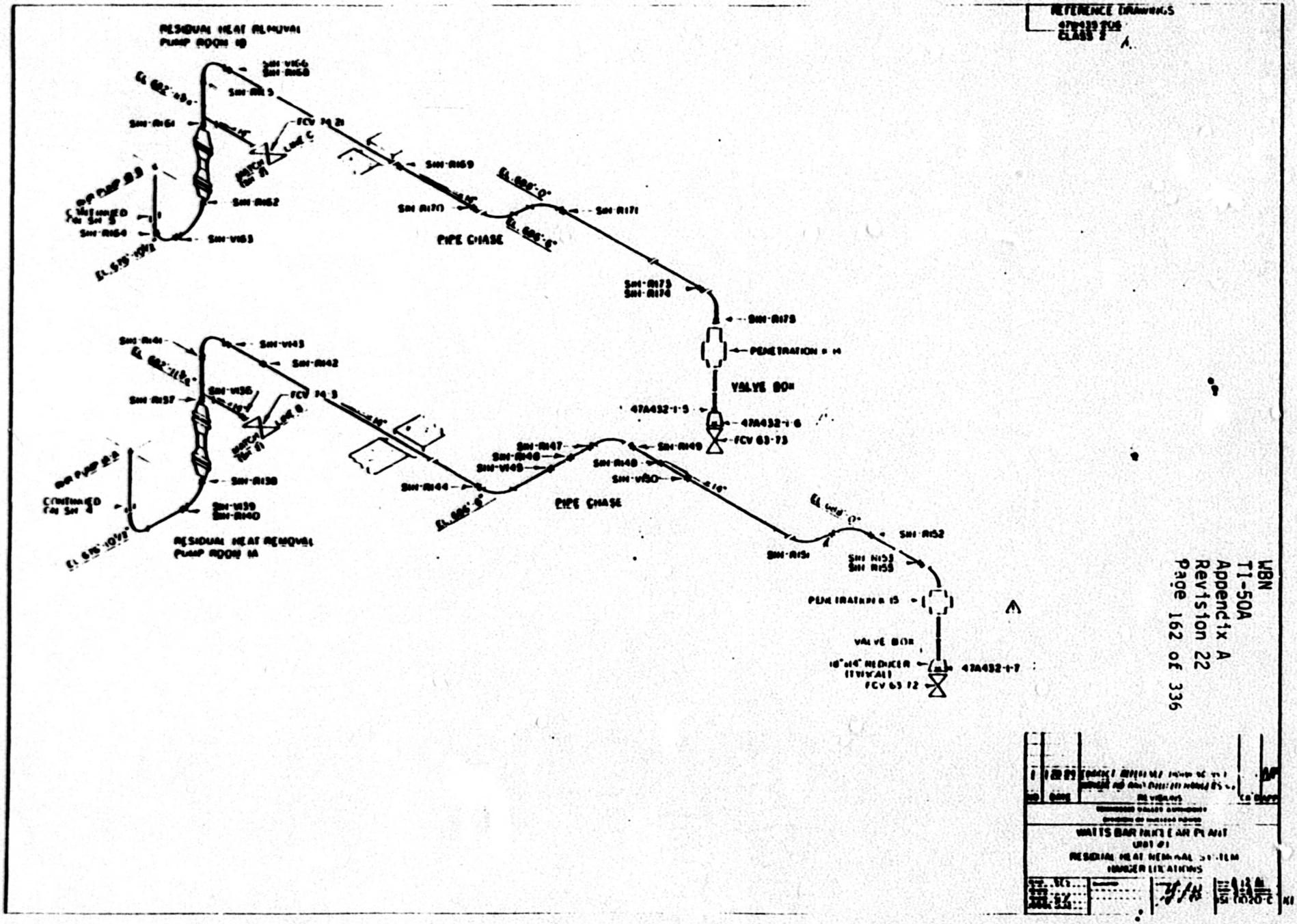
WATTS BAR NUCLEAR PLANT
UNIT #1
RESIDUAL HEAT REMOVAL SYSTEM
HANGER LOCATIONS

REFERENCE DRAWINGS
47W430-206
CLASS 2

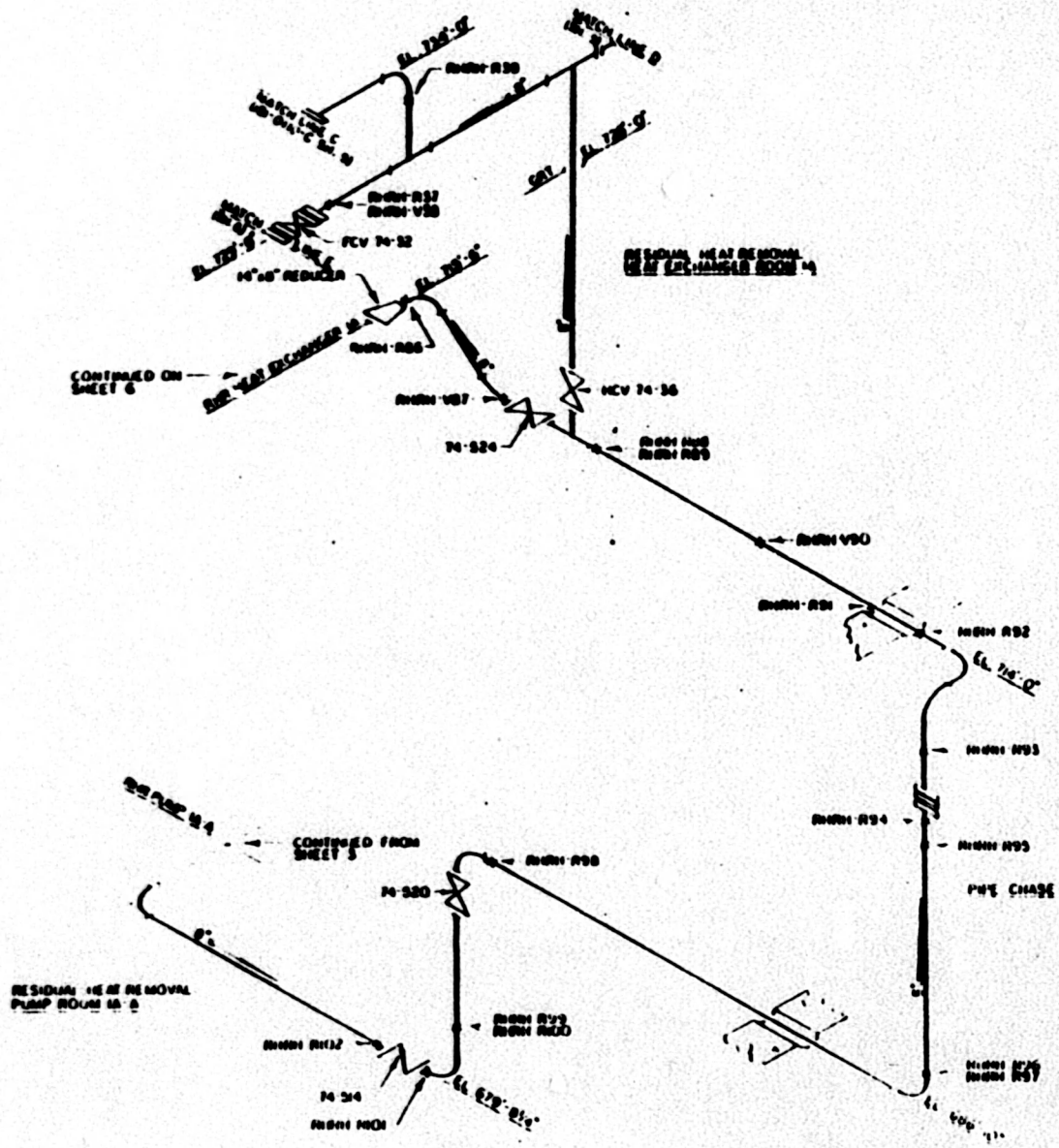


REVISIONS

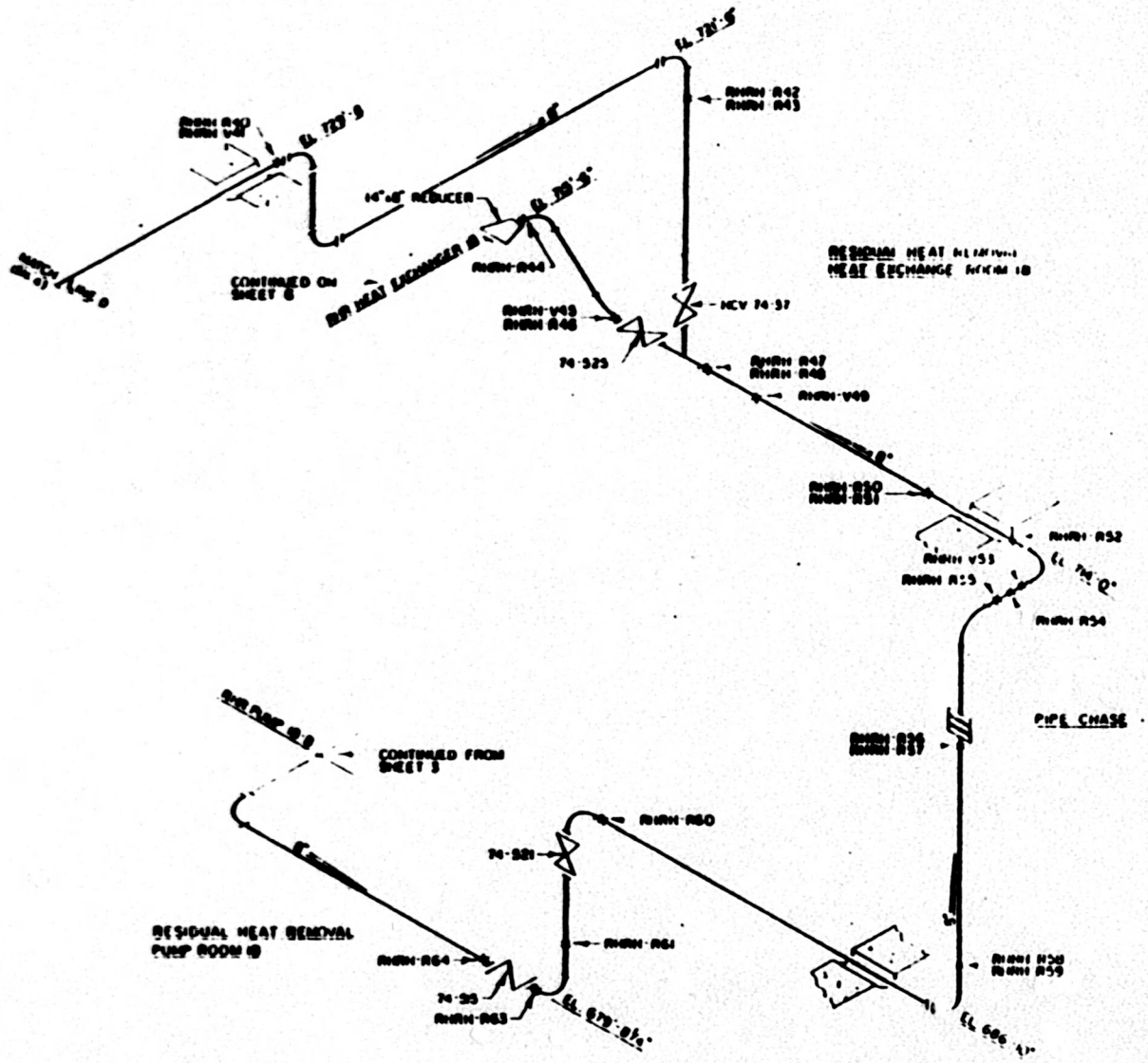
WATTS BAR NUCLEAR PLANT
UNIT #1
RESIDUAL HEAT REMOVAL SYSTEM
HANGER LOCATIONS


REFERENCE DRAWINGS
CLASS 2
RESIDUAL HEAT REMOVAL PUMP ROOM 1B
SIH-V166
SIH-R168
SIH-R165
SIH-R161
FCV 74-21
SIH-R162
SIH-V163
SIH-R164
SIH-R169
SIH-R170
SIH-R171
PIPE CHASE
SIH-R173
SIH-R174
SIH-R175
PENETRATION
VALVE BOX
47A432-1-5
47A432-1-6
FCV 63-73
SIH-R141
SIH-V143
SIH-R142
SIH-V136
SIH-R137
FCV 74-3
SIH-R138
SIH-V139
SIH-R140
RESIDUAL HEAT REMOVAL PUMP ROOM 1A
SIH-R144
SIH-R147
SIH-R146
SIH-V145
SIH-R149
SIH-R148
SIH-V150
PIPE CHASE
SIH-R151
SIH-R152
SIH-R153
SIH-R155
PENETRATION
VALVE BOX
47A432-1-7
FCV 63-72
WATTS BAR NUCLEAR PLANT
UNIT #1
RESIDUAL HEAT REMOVAL SYSTEM
HANGER LOCATIONS

REFERENCE DRAWINGS
CLASS 2



WATTS BAR NUCLEAR PLANT
UNIT 01
RESIDUAL HEAT REMOVAL SYSTEM
HANGER LOCATIONS



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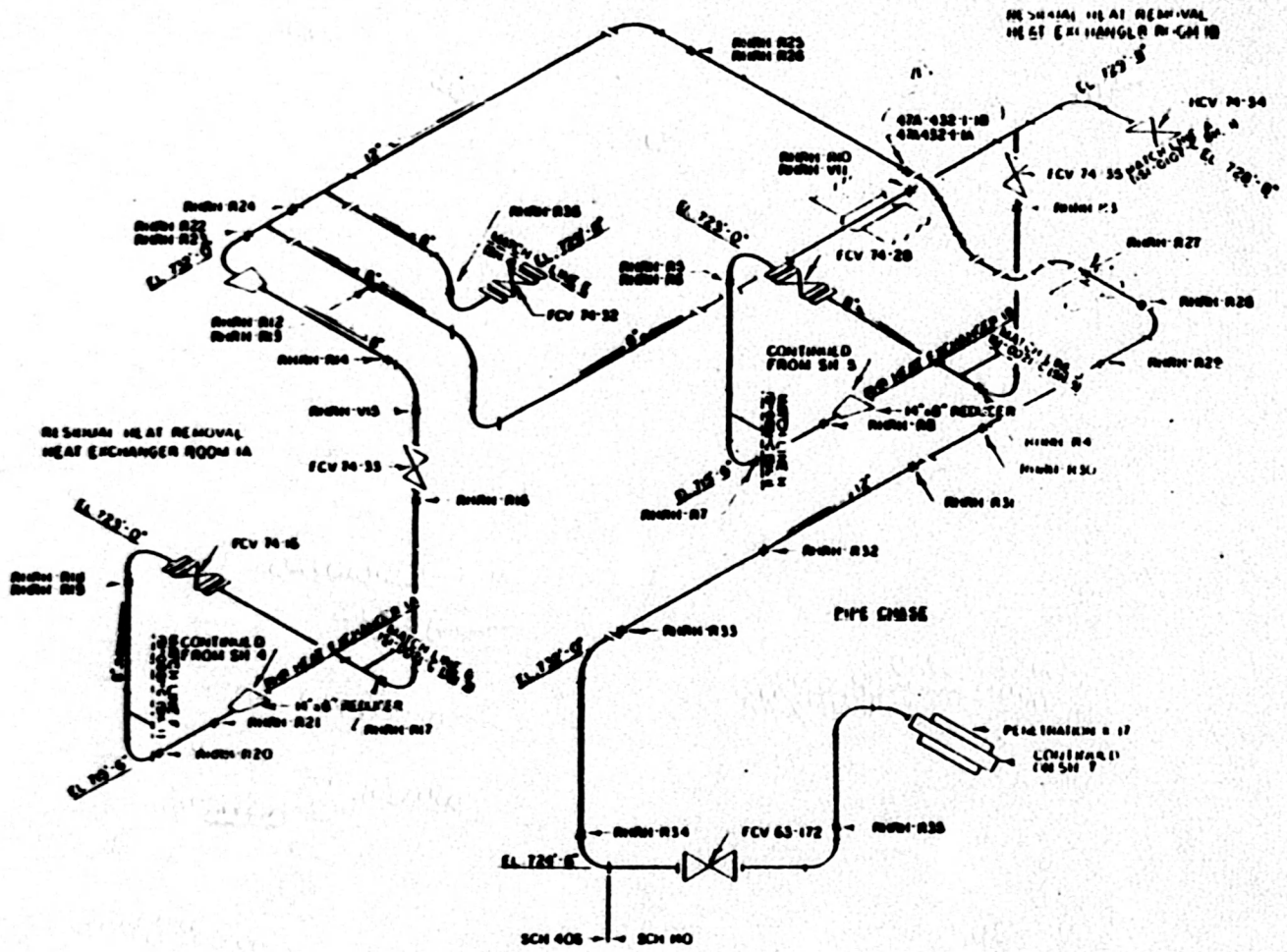
WATTS BAR NUCLEAR PLANT
UNIT 01
RESIDUAL HEAT REMOVAL SYSTEM
HANGER LOCATIONS

REFERENCE DRAWINGS
CHM-2636-C
47W432-21-0
CLASS 2



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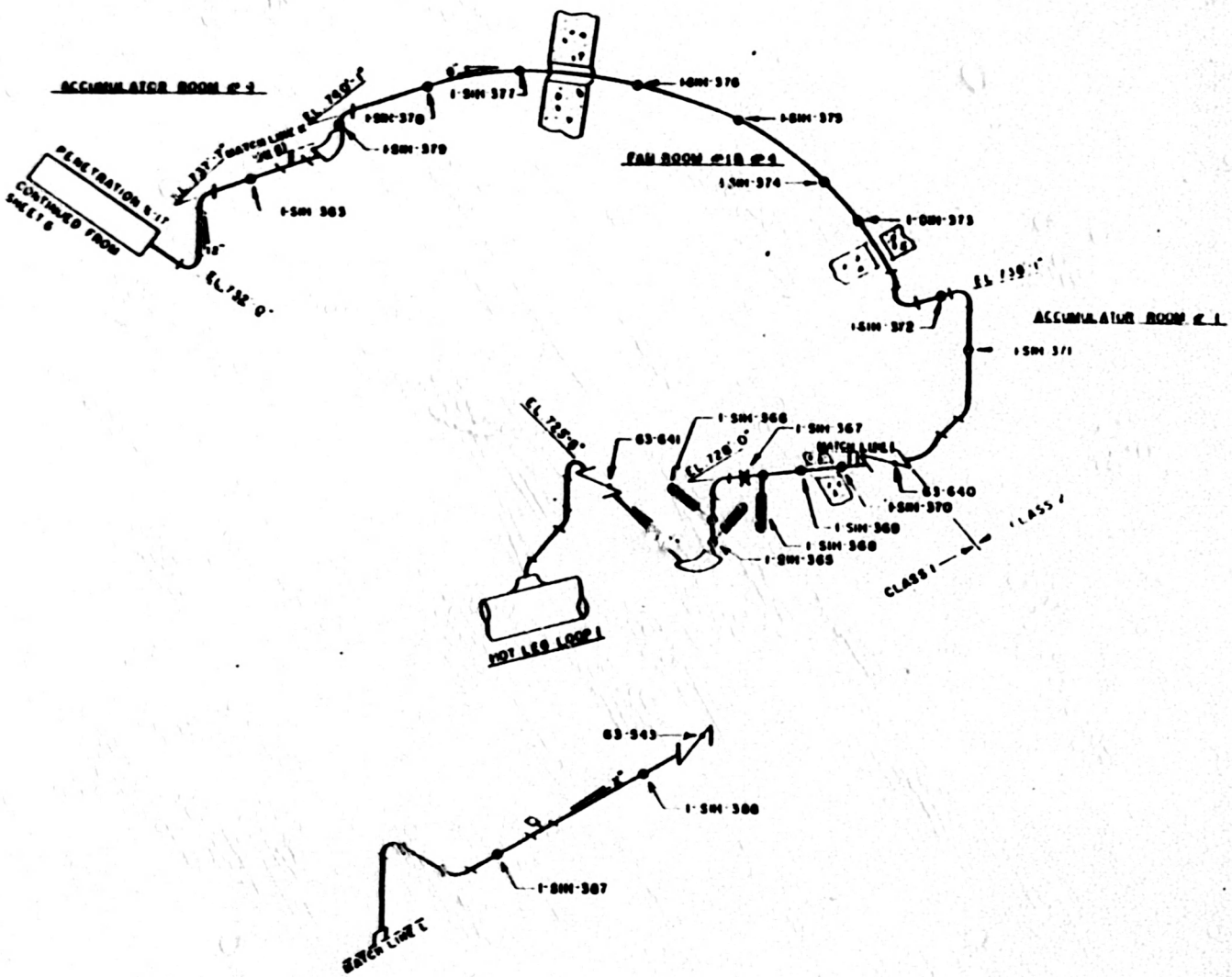
WATTS BAR NUCLEAR PLANT
UNIT #1
RESIDUAL HEAT REMOVAL SYSTEM
HANGER LOCATIONS



REFERENCE DRAWINGS
47B433-220

LEGEND
RIGID HANGER
VARIABLE SUPPORT
SNUBBER

CLASS 1&2

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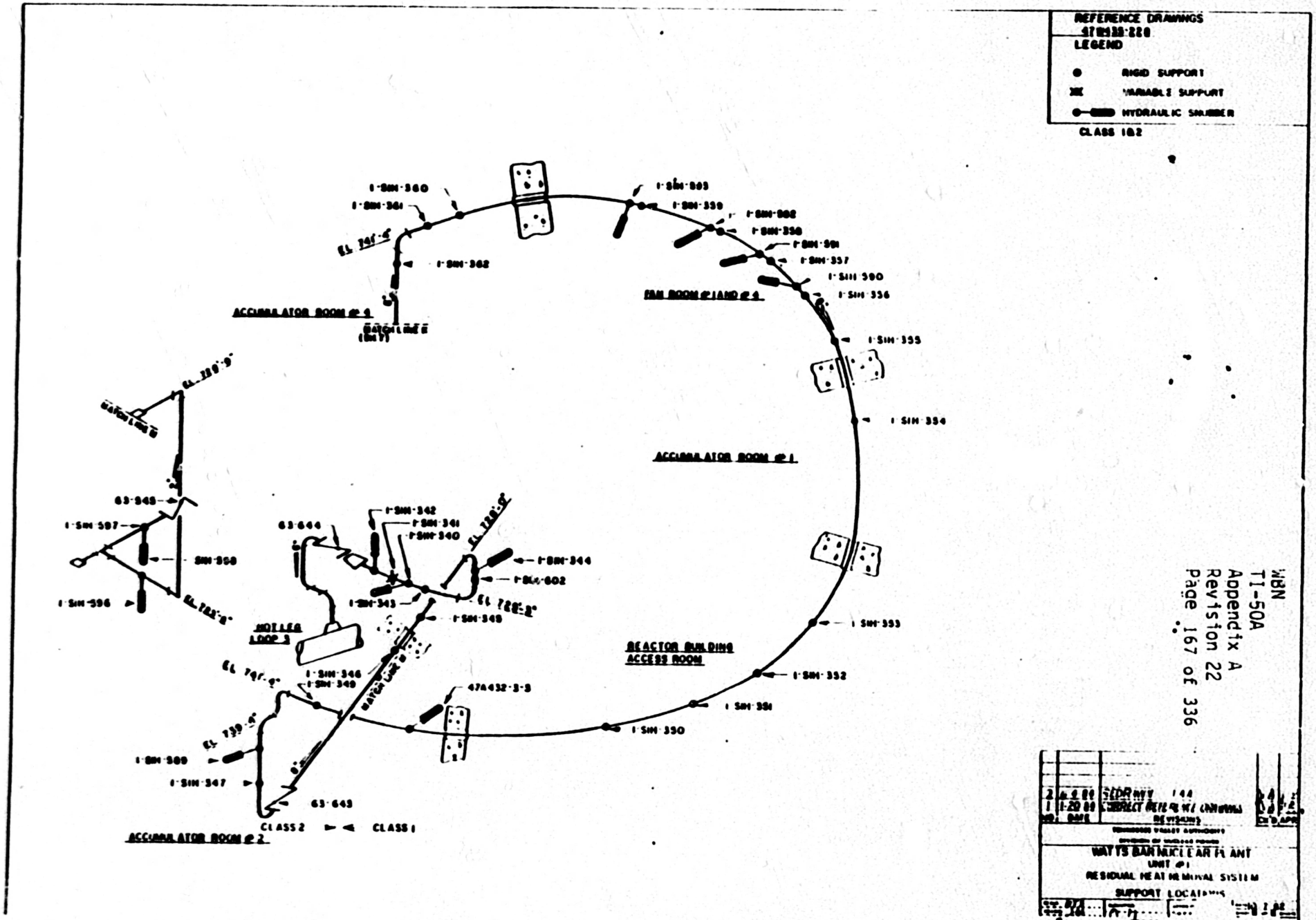
WATTS BAR NUCLEAR PLANT
UNIT #1
RESIDUAL HEAT REMOVAL SYSTEM
SUPPORT LOCATIONS


REFERENCE DRAWINGS
LEGEND
RIGID SUPPORT
VARIABLE SUPPORT
HYDRAULIC SNUBBER
CLASS 1&2
ACCUMULATOR ROOM # 4
FAN ROOM # 1 AND # 4
ACCUMULATOR ROOM # 1
REACTOR BUILDING ACCESS ROOM
HOT LEG LOOP 3
ACCUMULATOR ROOM # 2
CLASS 2
CLASS 1
MATCH LINE
1-SIH-360
1-SIH-361
1-SIH-362
1-SIH-363
1-SIH-359
1-SIH-358
1-SIH-357
1-SIH-356
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1-SIH-342
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1-SIH-340
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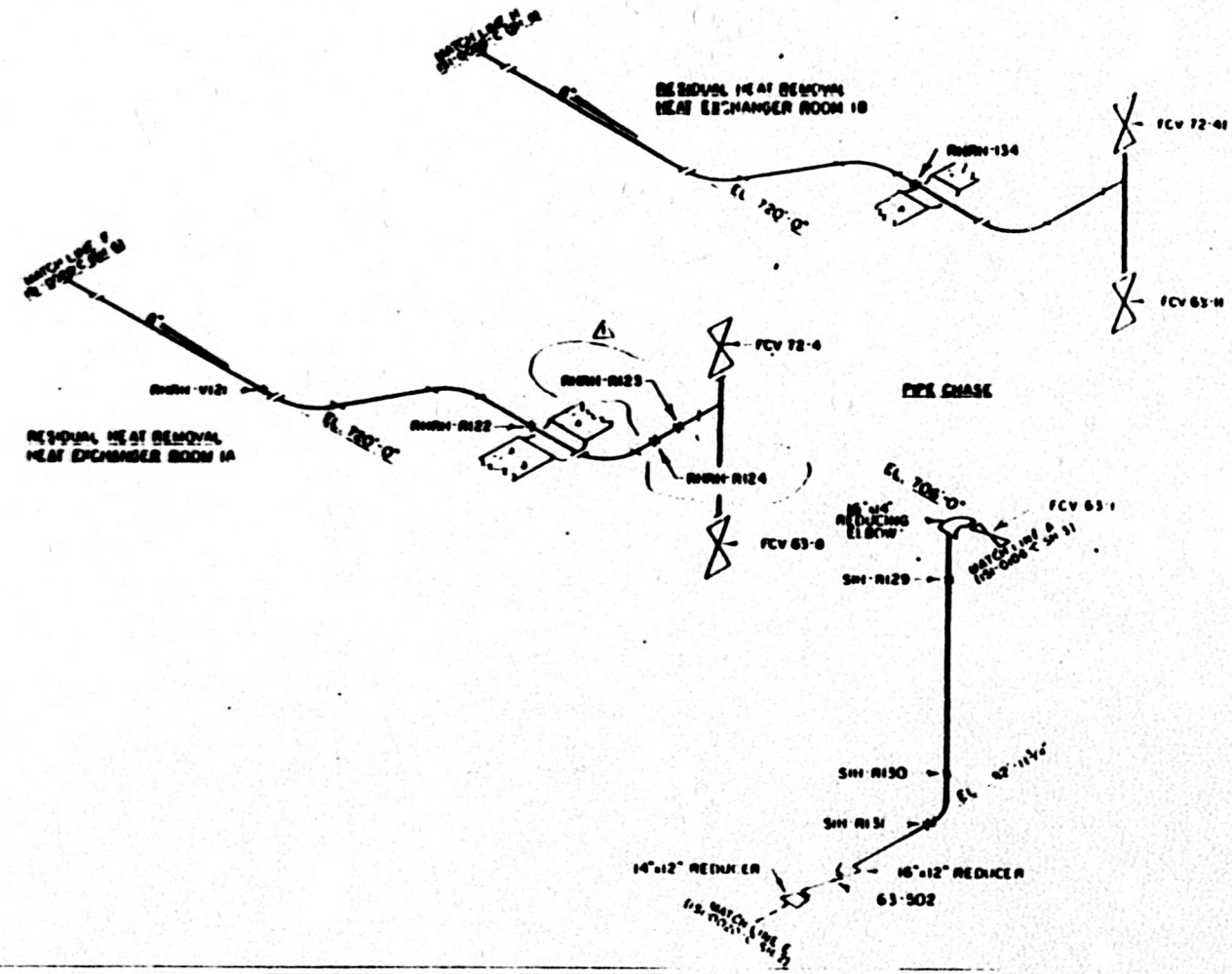
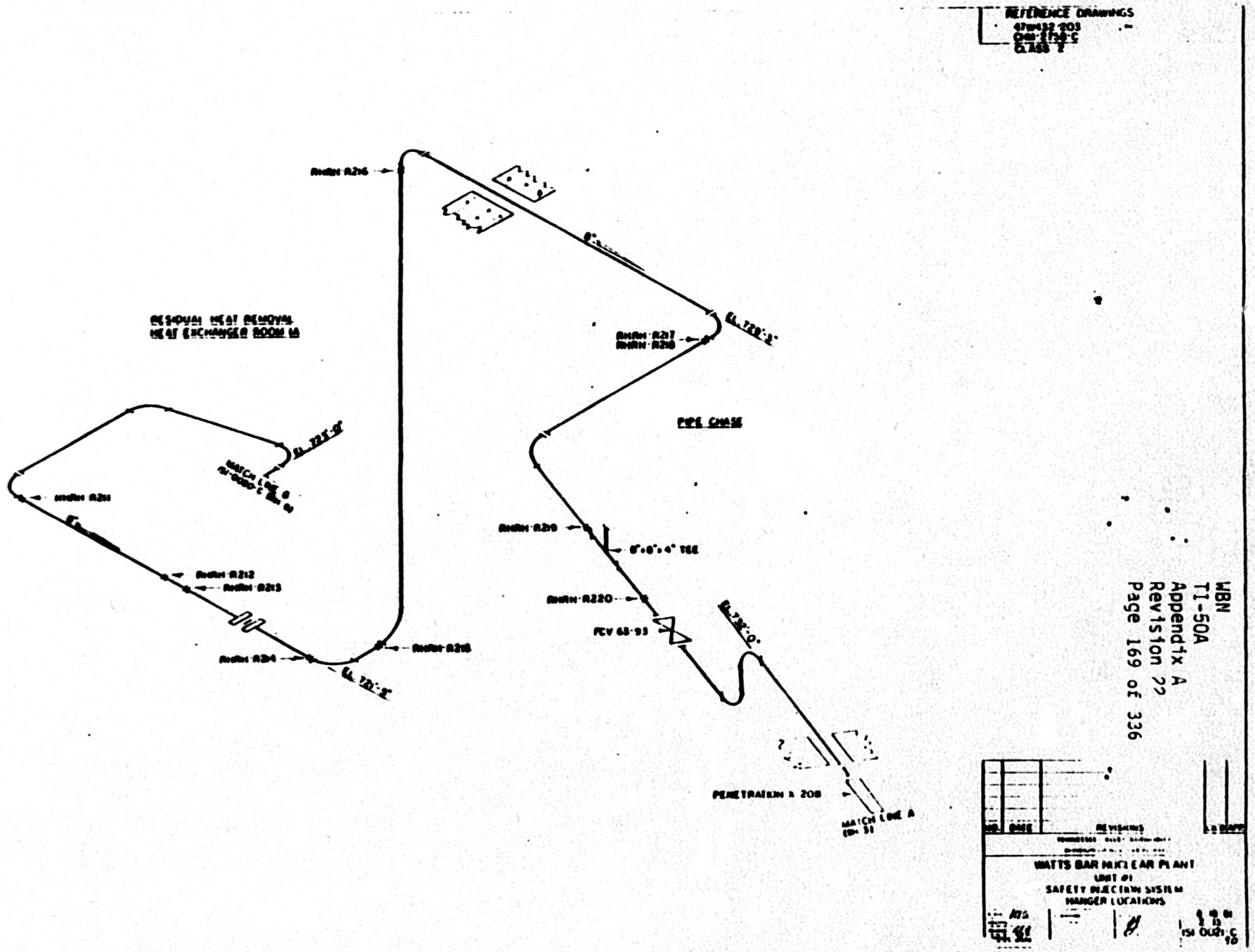
1-SIH-349
1-SIH-347
1-SIH-348
1-SIH-597
1-SIH-596
63-645
63-644
63-643
47A432-3-3
WATTS BAR NUCLEAR PLANT
UNIT #1
RESIDUAL HEAT REMOVAL SYSTEM
SUPPORT LOCATIONS

REFERENCE DRAWING
47W432-200
47W435-207
CLASS 2

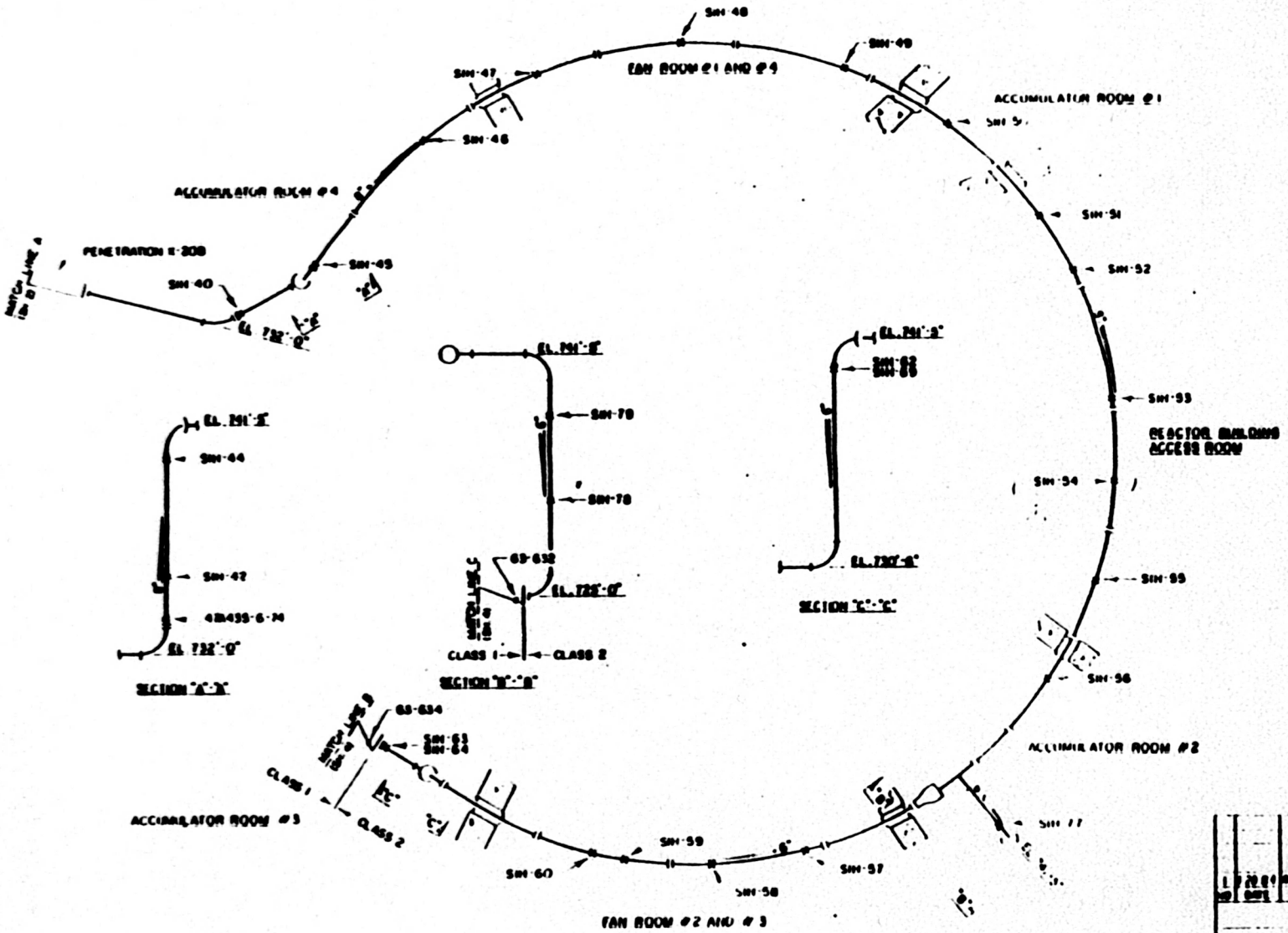


REVISIONS

WATTS BAR NUCLEAR PLANT
UNIT #1
SAFETY INJECTION SYSTEM
HANGER LOCATIONS

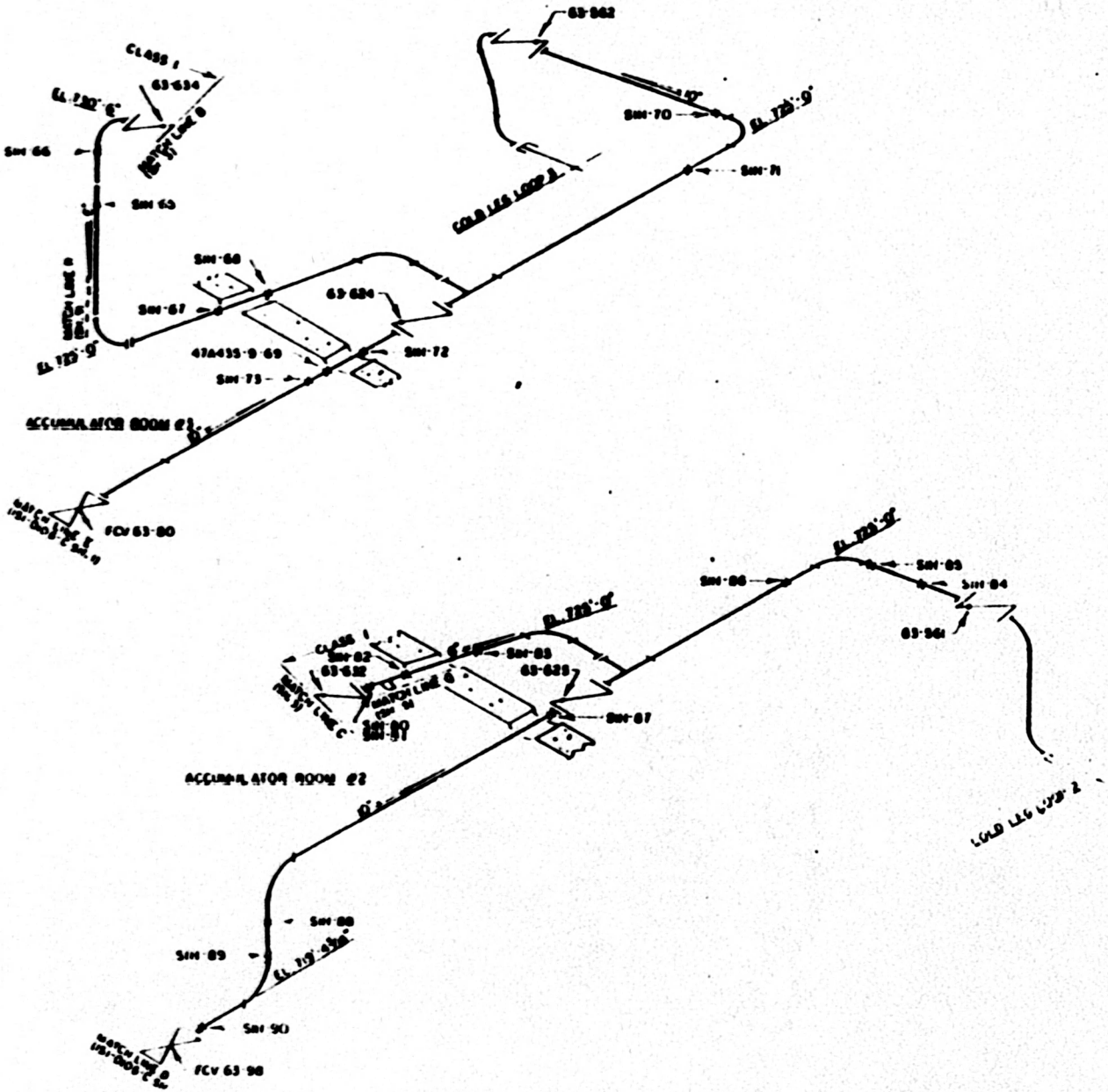

REFERENCE DRAWINGS
47W432-203
CLASS 2
RESIDUAL HEAT REMOVAL
HEAT EXCHANGER ROOM 1A
PIPE CHASE
RHRH-R216
RHRH-R217
RHRH-R218
RHRH-R219
RHRH-R220
RHRH-R211
RHRH-R212
RHRH-R213
RHRH-R214
RHRH-R215
FCV 63-93
PENETRATION X 208
MATCH LINE A
MATCH LINE B
REVISIONS
WATTS BAR NUCLEAR PLANT
UNIT #1
SAFETY INJECTION SYSTEM
HANGER LOCATIONS

REFERENCE DRAWINGS
47W435-270
CLASS 2



WATTS BAR NUCLEAR PLANT
UNIT #1
SAFETY INJECTION SYSTEM
HANGER LOCATIONS

REFERENCE DRAWINGS
47W435-220
CLASS I



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WATTS BAR NUCLEAR PLANT
UNIT #1
SAFETY INJECTION SYSTEM
HANGER LOCATIONS