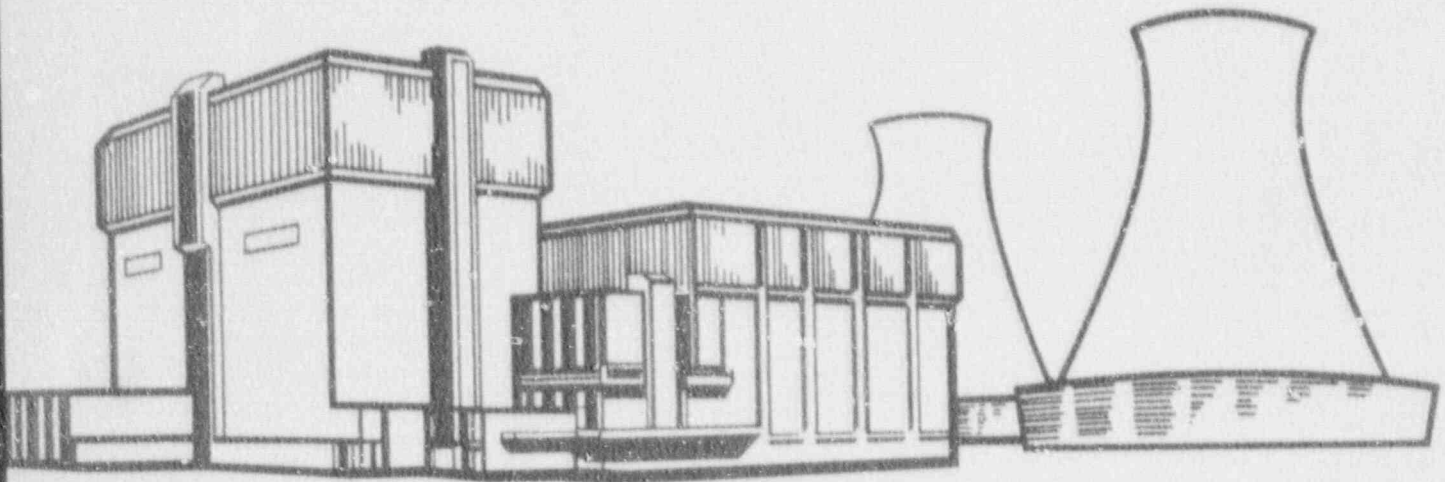
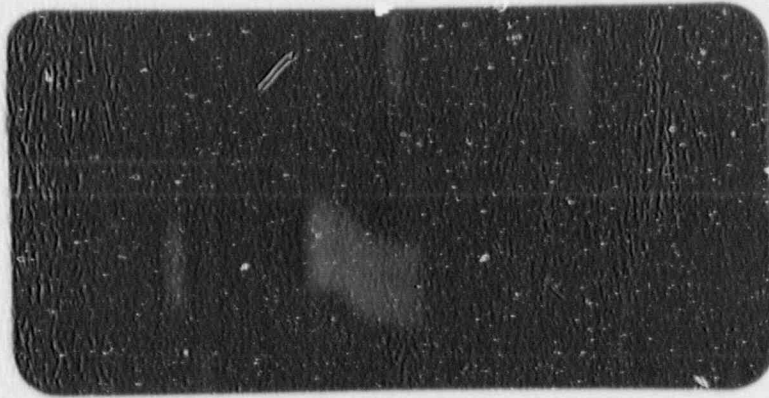


3915040330



LIMERICK GENERATING STATION

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PDR ADOCK 05000352
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LIMERICK GENERATING STATION

UNIT ONE AND COMMON PLANT

SUMMARY REPORT

FOR THE

MAY 20, 1989 TO DECEMBER 17, 1990

PERIODIC INSERVICE INSPECTION

REPORT NO. 3

LIMERICK GENERATING STATION
UNIT ONE AND COMMON PLANT
SUMMARY REPORT
FOR THE
MAY 20, 1989 TO DECEMBER 17, 1990
PERIODIC INSERVICE INSPECTION
REPORT NO. 3

ENGINEER - MAINTENANCE, LIMERICK
LIMERICK GENERATING STATION

Thomas A. Shea 3/14/91
DATE

PECO SUPERINTENDENT -
MAINTENANCE INSTRUMENT & CONTROLS
LIMERICK GENERATING STATION

Robert W. Boyle 3/14/91
DATE

AUTHORIZED NUCLEAR INSERVICE INSPECTOR
HARTFORD STEAM BOILER INSURANCE AND
INSPECTION COMPANY

Paul Bonaiti 3/14/91
DATE

FORM NIS-2
INSERVICE INSPECTION REPORT

PHILADELPHIA ELECTRIC COMPANY
2301 MARKET STREET
PHILADELPHIA, PA 19101

Limerick Generating Station, Unit 1
Post Office Box 'A'
Sanatoga Branch
Sanatoga, PA 19464

Date: March 11, 1991

Inspection Date: May 20, 1989
TO
December 17, 1990

Commercial Service Date: February 1, 1986

Gross Generating Capability: 1098 MWe

Pennsylvania State Identification Number: B116767

National Board Number Assigned by Reactor Manufacturer: NB3908

Component Identification: ASME Class 1, 2 and 3 Components

Abstract of Inspections Performed, Conditions Observed,
Corrective Measure Recommended and Taken See:

Attachment 1, Summary of Indications Observed and
Examinations Performed

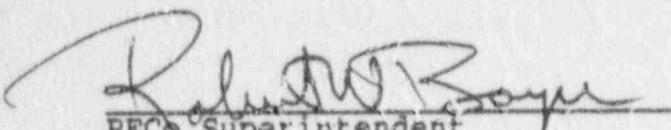
Attachment 2, Reference Drawings - Class 1 and 2 Components

Name of Inspector: Paul Lenair, Jr.

Name and Mailing Address of Inspector's Employer:

The Hartford Steam Boiler Inspection and Insurance Company
610 Freedom Business Center Drive
Suite 300
King of Prussia, Pennsylvania 19406

I certify that the statements made in this report are correct and
the examinations and corrective measures taken conform to the
rules of the ASME Code, Section XI.


PECo Superintendent
Maintenance/Instrumentation
and Controls Section
Limerick Generating Station

3/14/91
DATE

FORM NIS-1
INSEERVICE INSPECTION REPORT

CERTIFICATE OF INSEERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Pennsylvania and employed by Boyle & Co Steam Boiler Inspection and Insurance Company of Hartford, Connecticut have inspected the components described in this Owner's Data Report during the period May 20, 1989 through December 17, 1990 and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Data Report in accordance with the requirements of the ASME Code, Section:

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

DATE: 3/14/91

Paul Lewis
Inspector's Signature

Commissions PA 2497 I+N
National Board, State,
Province and Number

ATTACHMENT 1

SUMMARY OF EXAMINATIONS PERFORMED

AND INDICATIONS OBSERVED

SUMMARY OF EXAMINATIONS

During the period from May 20, 1989 through December 17, 1990, preservice and inservice inspections were performed at Limerick Generating Station, Unit 1 and common plant. May 20, 1989 was the date Unit 1 was placed back in service following the second refuel outage and December 17, 1990 was the last day of the third refuel outage.

Examinations completed during this period were performed by Philadelphia Electric Company, General Electric Company and MQS Inspection, Incorporated. All examinations were performed in accordance with the requirements of ASME Section XI, 1980 Edition with Addenda through Winter, 1981.

In addition to examinations set forth by ASME Section XI, augmented examinations were performed in accordance with the following documents:

- NRC Generic Letter 88-01
- NUREG 0619
- NUREG 0800
- I. E. Bulletin 80-13
- GE SIL 474
- GE SIL 289
- GE SIL 420
- GE SIL 455

The attached Summary of Examinations details the inservice inspections performed during this period. A legend precedes this summary to aid in review and interpretation of the document.

The following is a summary of the pressure tests performed in accordance with IWA-5000 during this period.

System	Procedure	Pressure Test	Code Cat.	Results
All Class 1 Some Class 2	ST-4-041-950-1	Funct.	C-H B-P	SAT
RWCU	ST-4-042-950-1	Funct.	C-H D-B	SAT
CRD Hydraulics SDV	ST-4-047-951-1	Funct.	C-H	SAT
SLC between HV1F006A, B and XV1F004A, B, C	ST-4-048-951-1	Hydro.	C-H	SAT

<u>System</u>	<u>Procedure</u>	<u>Pressure Test</u>	<u>Code Cat.</u>	<u>Results</u>
HPCI to CS Piping	ST-4-055-952-1	Funct.	C-H	SAT
RHR S/D Cooling	ST-4-051-955-1	Inserv.	C-H	SAT
FPC Skimmer Surge Tank	ST-4-053-951-1	Inserv.	C-H	SAT
RCIC	ST-4-049-950-1	Funct.	C-H	SAT
HPCI	ST-4-055-950-1	Funct.	C-H	SAT

SUMMARY OF INDICATIONS

As a result of the examinations performed during the May 20, 1989 through December 17, 1990 inservice inspection period, numerous indications were recorded. Subsequent evaluations determined most indications to be either nonrelevant or geometric in nature. However, two reportable indications were recorded as a result of inservice inspection. These are summarized below.

Pip. support EBB-108-02-H005, located on the HPCI system was found to be rejectable during routine periodic inspection. This rigid strut assembly was found with the clamp rotated such that it was binding on the strut paddle. As a result of this discrepancy the scope of examinations was expanded to include an additional amount of rigid strut assemblies equal to that which was originally examined this inspection period.

Follow-up inspection of the RPV nozzle to safe end weld VRR-1RD-1A N2H was performed stemming from reportable indications revealed during the previous inspection period. The original indication was 7 inches in circumferential length with an average depth of .25 inches and a maximum depth of .40 inches and was determined to be characteristic of IGSCC. Inspections this period indicated a 1.5 inch extension of circumferential length and a .07 inch increase in maximum depth. Fracture mechanics analysis performed by the General Electric Company demonstrated that continued operation "as-is" would be acceptable for at least one additional operating cycle. A detailed report was submitted to the NRC via a letter from G. A. Hunger, Jr. (PECo), dated October 23, 1990. This report requested approval to run "as-is" for the fourth fuel cycle with the continued use of the Crack Arrest Verification System (CAVS) with specified action limits on CAVS data. The NRC replied to this request via a letter from R. J. Clark (NRC) to G. S. Hunger, Jr. (PECo) dated November 20, 1990. In this letter, the NRC granted approval to run for the fourth fuel cycle under certain restrictions detailed in the Safety Evaluation attached to the letter. The restrictions were consistent with those proposed by PECo in their request.

All reportable indications resulting from normal maintenance activities were performed in accordance with the repair and/or replacement requirements of ASME, Section XI.

DATE: 08/01/89
REVISION: 2

LIMERICK GENERATING STATION UNIT 1
INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, FIRST PERIOD (1989)
CLASS 2 COMPONENTS

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MARK STEAM	ASME SEC. II	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY EXAM METHOD	WDE USED PROCEDURE NO.	N R D R G E B T E R C E M P E D D E D C R M R R	REMARKS

COMMON PIPING
C-F MS 015
CS.21 14" PIPE TO ELBOW

03-06 237600 RT SWI-18, REV. 5 I
UT-455 UT-PE-002, REV. 6 I

FOR INFORMATION ONLY

LOOP B
C-F+ MSB 026
CS.21 26" VALVE HV-1F026B TO PIPE

03-03 238640 RT SWI-18, REV. 5 I
UT-455 UT-PE-002, REV. 6 I

UT-455 EXAM RECORDED RB FROM DOWNSTREAM SIDE OF WELD.

0800 MSB 026 (AUG)
MUREB 26" VALVE HV-1F026B TO PIPE

03-03, 238641 UT-455 UT-PE-002, REV. 6 I

FULL VOLUME EXAMINED. UT-455 EXAM RECORDED RB FROM THE DOWNSTREAM SIDE OF THE WELD.

C-F+ MSB 027
CS.21 26" PIPE TO ELBOW

03-03 238650 RT SWI-18, REV. 5 I
RT RTASHE III/II/4 I

RT PERFORMED BY US TESTING, ROOT CONCAVITY/CONVEXITY NOTED.

0800 MSB 027 (AUG)
MUREB 26" PIPE TO ELBOW

03-03, 238651 RT RTASHE III/II/4 I

RT PERFORMED BY US TESTING, ROOT CONCAVITY/CONVEXITY NOTED.

C-F+ MSB 027LD HAI
CS.22 26" ELBOW SEAM, MAXIMUM

03-03 238660 RT SWI-18, REV. 5 I
RT RTASHE III/II/4 I

RT PERFORMED BY US TESTING.

0800 MSB 027LD HAI (AUG)
MUREB 26" ELBOW SEAM, MAXIMUM

03-03, 238661 RT RTASHE III/II/4 I

RT PERFORMED BY US TESTING.

C-F+ MSB 027LD MIN
CS.22 26" ELBOW SEAM, MINIMUM

03-03 238670 RT SWI-18, REV. 5 I
RT RTASHE III/II/4 I

RT PERFORMED BY US TESTING, ROOT CONCAVITY AND UNDERCUT NOTED.

0800 MSB 027LD MIN (AUG)
MUREB 26" ELBOW SEAM, MINIMUM

03-03, 238671 RT RTASHE III/II/4 I

RT PERFORMED BY US TESTING, ROOT CONCAVITY AND UNDERCUT NOTED.

FOR INFORMATION ONLY

SEE NEXT PAGE FOR DESCRIPTION OF FIELDS ① THROUGH ⑧

SUMMARY OF EXAMINATIONS LEGEND

1. Identification of system.
2. ASME Section XI Category and Item number applicable to the component. If there is an augmented requirement to perform an examination, then the source document is listed in the location.
3. Component identification and description.
4. Figure number identifies the reference drawings applicable to the component.
5. Exam method (NDE) applicable to the component.
6. NDE procedure used to perform the examination on the component.
7. Examination results broken down into 5 categories described below:
 - a) NOREC = No recordable indications detected.
 - b) RECOR = Recordable indications detected.
 - c) GEOM = Geometric indications detected.
 - d) OTHER = Other indications which don't fall into the 4 categories (i.e., indication detected was evaluated by engineering and dispositioned "use as is").
 - e) REPOR = Reportable indications which required some type of corrective action.
8. Remarks field which contains specific information concerning the component examination or evaluation of examination results.

LIMERICK GENERATING STATION

UNIT ONE AND COMMON PLANT

SUMMARY OF EXAMINATIONS

FOR THE

MAY 20, 1989 TO DECEMBER 17, 1990

PERIODIC INSERVICE INSPECTION

DATE: 83/12/91
 REVISION: 2

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

PAGE: 1

CORE SPRAY

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N C R E D E E C R M R R	O D E C H P E E D E D	REMARKS
LOOP A								
F-A, B, C F0.00	DCA-320-H002 HANGER TYPE M	04-101	100490	VT-3 ,M-52	NDE-7 REV 0	X		
F-A, B, C F0.00	DCA-320-H004 HANGER TYPE V	04-101	100510	VT-3 ,M-52 VT-4	NDE-7 REV 0	X		
F-A, B, C F0.00	DLA-111-H004 HANGER TYPE M	04-101	100540	VT-3 ,M-52	NDE-7 REV 0	X		
LOOP B								
B-J B9.11	CSB 001 10" PIPE TO 12"x10" REDUCER	04-04	100570	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X X		
B-J B9.12	CSB 001D 10" PIPE SEAM	04-04	100610	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X X		
B-J B9.12	CSB 001LU 12"x10" REDUCER SEAM	04-04	100620	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X X		
B-J B9.11	CSB 002 12"x10" REDUCER TO 12" ELBOW	04-04	100630	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X X		
B-J B9.12	CSB 002LD 12"x10" REDUCER SEAM	04-04	100640	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X X		
B-J B9.12	CSB 002LU MAX 12" ELBOW SEAM, MAXIMUM	04-04	100650	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X X		

DATE: 03/12/91
 REVISION: 2

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

PAGE: 2

CORE SPRAY

ASME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N O R E C R M	R O G E C O M R	D E H E O R	REMARKS
B-J B9.12	LOOP B CSB 002CTU MIN 12" ELBOW SEAM, MINIMUM	04-04	100660	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				
B-J B9.11	CSB 003 12" ELBOW TO PIPE	04-04	100670	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				
B-J B9.12	CSB 003LD MAX 12" ELBOW SEAM, MAXIMUM	04-04	100680	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				
B-J B9.12	CSB 003LD MIN 12" ELBOW SEAM, MINIMUM	04-04	100690	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				
B-J B9.12	CSB 003LU 12" PIPE SEAM	04-04	100700	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				

DATE: 03/12/91
 REVISION: 2

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

FEEDWATER

ASME SEC. XI CATBY ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R			REMARKS
						D E S T E	R C E H P	E O O E O	
						C	M	R	
	BOLTING								
B-6-2 B7.70	RV-41-1F8748-B 16-7/B, ---	05-03, M-41	101310	VT-1	NDE-7, REV 0			X	SEE MIS-2 NO. X1-L1-90-70
	LOOP B								
F-A, B, C FB.00	DLA-106-11003 HANGER TYPE M	05-103, M-41	102020	VT-3	NDE-7 REV 0			X	
F-A, B, C FB.00	DLA-106-11004 HANGER TYPE V	05-103, F.41	162000	VT-3 VT-4	NDE-7 REV 0			X	
F-A, B, C FB.00	DLA-106-11005 HANGER TYPE V	05-103, M-41	102090	VT-3 VT-5	NDE-7 REV 0			X	
F-A, B, C FB.00	DLA-106-11006 HANGER TYPE V	05-103, M-41	102120	VT-3 VT-4	NDE-7 REV 0			X	
F-A, B, C FB.00	DLA-106-11012 HANGER TYPE M	05-103, M-41	102160	VT-3	NDE-7 REV 0			X	
F-A, B, C FB.00	DLA-106-11015 HANGER TYPE M	05-103, M-41	102190	VT-3	NDE-7 REV 0			X	
F-A, B, C FB.00	DLA-106-11018 HANGER TYPE M	05-103, M-41	102220	VT-3	NDE-7 REV 0			X	
F-A, B, C FB.00	DLA-106-11020 HANGER TYPE M	05-103, M-41	102240	VT-3	NDE-7 REV 0			X	

DATE: 03/12/91
 REVISION: 2

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

FEEDWATER

ASME SEC. XI CATBY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR		REMARKS
					OE	CR	
	LOOP B E-A, B, C, D, E-100-1006 F8.00 HANGER TYPE M	05-103 M-41	102300 VT-3	NDE-7 REV 0	X		
	VALVES B-M-41 RV-41-17874B B12.50 ATMWOOD & NORRILL 24" CHECK	05-83 M-41	102930 VT-3	NDE-7, REV 0	X		SEE NIS-2 NO. X1-L1-90-70

DATE: 03/12/91
 REVISION: 2

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

MAIN ST. AM

ASME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O E G T E R C E M P E D D E D C R M R R	REMARKS
	<u>BOLTING</u>						
B-0-2	83-02-K1	03-02,	103440	VT-1	NDE-7 REV 0	X	
B7.50	12-1 3/8, SPARE MSRV FLANGE	M-41					

DATE: 03/12/91
 REVISION: 2

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

LIST STEAM

ASME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N O R E C E C R	R E C E M R	D E H E O R	REMARKS
B-6-2 WT.70	BOLTING RV-41-1-322A-B 20-2, ---	03-01,	183550	VT-1	NDE-7, REV 0			X	

DATE: 03/13/91
 REVISION: 2

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

PAGE 1

MAIN STEAM

ASME SEC. XI CATBY ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E D C R M R R				REMARKS
B-6-2 B7.70	BOLTINGS RV-41-1F022D-B 20-2, ---	03-04, M-41	103500	VT-1	NDE-7, REV 0	X				
B-6-2 B7.70	HV-41-1F028A-B 20-2, ---	03-01, M-41	103590	VT-1	NDE-7, REV 0			X		SEE NIS-2 NO. XI-L1-90-40
B-6-2 B7.70	HV-41-1F028D-B 20-2, ---	03-04, M-41	103620	VT-1	NDE-7, REV 0		X	X		SEE NIS-2 NO. XI-L1-90-49
B-6-2 B7.70	PSV-41-1F013A-B1 12-1 1/8, ---	03-02, M-41	103630	VT-1	NDE-7, REV 0	X				SEE NIS-2 NO. XI-L1-90-12
B-6-2 B7.50	PSV-41-1F013A-B2 12-1 3/8, ---	03-02, M-41	103640	VT-1	NDE-7, REV 0			X		SEE NIS-2 NOS. XI-L1-90-90 & 91
B-6-2 B7.70	PSV-41-1F013B-B1 12-1 1/8, ---	03-02, M-41	103650	VT-1	NDE-7, REV 0	X				SEE NIS-2 NO. XI-L1-90-13
B-6-2 B7.50	PSV-41-1F013B-B2 12-1 3/8, ---	03-02, M-41	103660	VT-1	NDE-7, REV 0	X				SEE NIS-2 NO. XI-L1-90-13
B-6-2 B7.70	PSV-41-1F013C-B1 12-1 1/8, ---	03-04, M-41	103670	VT-1	NDE-7, REV 0	X				SEE NIS-2 NO. XI-L1-90-14
B-6-2 B7.50	PSV-41-1F013C-B2 12-1 3/8, ---	03-04, M-41	103680	VT-1	NDE-7, REV 0	X				SEE NIS-2 NO. XI-L1-90-14

DATE: 03/13/91
 REVISION: 2

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

PAGE: 8

MAIN STEAM					N	R	O	R		
					O	E	B	T	E	
					R	C	E	H	P	
ASME					E	O	O	E	O	
SEC. XI					C	R	M	R	R	
CATBY	WELD NUMBER AND/OR	FIGURE SUMMARY	EXAM	NDE USED						
ITEM NO	EXAMINATION AREA IDENTIFICATION	NUMBER NUMBER	METHOD	PROCEDURE NO.						REMARKS
	BOLTING									
B-6-2 B7.70	PSV-41-1F013D-B1 12-1 1/8, ---	03-04, N-41	103690 VT-1	NDE-7, REV 0				X		SEE NIS-2 NO. XI-L1-90-15
B-6-2 B7.50	PSV-41-1F013D-B2 12-1 3/8, ---	03-04, N-41	103700 VT-1	NDE-7, REV 0				X		SEE NIS-2 NO. XI-L1-90-15
B-6-2 B7.70	PSV-41-1F013E-B1 12-1 1/8, ---	03-02, N-41	103710 VT-1	NDE-7, REV 0				X		SEE NIS-2 NO XI-L1-90-16
B-6-2 B7.50	PSV-41-1F013E-B2 12-1 3/8, ---	03-02, N-41	103720 VT-1	NDE-7, REV 0				X		SEE NIS-2 NO. XI-L1-90-16
B-6-2 B7.70	PSV-41-1F013F-B1 12-1 1/8, ---	03-02, N-41	103730 VT-1	NDE-7, REV 0					X	SEE NIS-2 NO. XI-L1-90-17
B-6-2 B7.50	PSV-41-1F013F-B2 12-1 3/8, ---	03-02, N-41	103740 VT-1	NDE-7, REV 0					X	SEE NIS-2 NO. XI-L1-90-105
B-6-2 B7.70	PSV-41-1F013G-B1 12-1 1/8, ---	03-04, N-41	103750 VT-1	NDE-7, REV 0				X		SEE NIS-2 NO. XI-L1-90-18
B-6-2 B7.50	PSV-41-1F013G-B2 12-1 3/8, ---	03-04, N-41	103760 VT-1	NDE-7, REV 0					X	SEE NIS-2 NO. XI-L1-90-93
B-6-2 B7.70	PSV-41-1F013H-B1 12-1 1/8, ---	03-04, N-41	103770 VT-1	NDE-7, REV 0				X		SEE NIS-2 NO. XI-L1-90-19

DATE: 83/13/91
 REVISION: 2

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

PAGE: 9

MAIN STEAM

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R				REMARKS
						D	E	T	E	
ITEM NO						C	R	M	R	
B-6-2 B7.50	BOLTING PSV-41-1F013H-B2 12-1 3/8, ---	83-04, N-41	103700	VT-1	NDE-7, REV 0		X			SEE NIS-2 NO. XI-L1-90-19
B-6-2 B7.70	PSV-41-1F013J-B1 12-1 1/8, ---	83-02, N-41	103790	VT-1	NDE-7, REV 0		X			SEE NIS-2 NO. XI-L1-90-20
B-6-2 B7.50	PSV-41-1F013J-B2 12-1 3/8, ---	83-02, N-41	103800	VT-1	NDE-7, REV 0		X			SEE NIS-2 NO. XI-L1-90-20
B-6-2 B7.70	PSV-41-1F013K-B1 12-1 1/8, ---	83-02, N-41	103810	VT-1	NDE-7, REV 0		X			SEE NIS-2 NO. XI-L1-90-21
B-6-2 B7.50	PSV-41-1F013K-B2 12-1 3/8, ---	83-02, N-41	103820	VT-1	NDE-7, REV 0		X			SEE NIS-2 NO. XI-L1-90-21
B-6-2 B7.70	PSV-41-1F013L-B1 12-1 1/8, ---	83-04, N-41	103830	VT-1	NDE-7, REV 0		X			SEE NIS-2 NO. XI-L1-90-22
B-6-2 B7.50	PSV-41-1F013L-B2 12-1 3/8, ---	83-04, N-41	103840	VT-1	NDE-7, REV 0			X		SEE NIS-2 NO. XI-L1-90-22
B-6-2 B7.70	PSV-41-1F013M-B1 12-1 1/8, ---	83-04, N-41	103850	VT-1	NDE-7, REV 0		X			SEE NIS-2 NO. XI-L1-90-23
B-6-2 B7.50	PSV-41-1F013M-B2 12-1 3/8, ---	83-04, N-41	103860	VT-1	NDE-7, REV 0			X		SEE NIS-2 NO. XI-L1-90-23

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LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
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MAIN STEAM					N R D R			
ASME								
SEC. XI								
CATBY	WELD NUMBER AND/OR	FIGURE SUMMARY	EXAM	NDE USED	E	D	D	
ITEM NO	EXAMINATION AREA IDENTIFICATION	NUMBER NUMBER	METHOD	PROCEDURE NO.	C	R	M	
					R	R	R	
							REMARKS	
BOLTING								
B-6-2 B7.70	PSV-41-1F013N-B1 12-1 1/8, ---	03-02, 103070 M-41	VT-1	NDE-7, REV 0	X		SEE NIS-2 NO. XI-L1-90-24	
B-6-2 B7.50	PSV-41-1F013N-B2 12-1 3/8, ---	03-02, 103080 M-41	VT-1	NDE-7, REV 0	X		SEE NIS-2 NO. XI-L1-90-24	
B-6-2 B7.70	PSV-41-1F013S-B1 12-1 3/8, ---	03-04, 103090 M-41	VT-1	NDE-7, REV 0	X		SEE NIS-2 NO. XI-L1-90-25	
B-6-2 B7.50	PSV-41-1F013S-B2 12-1 3/8, ---	03-04, 103900 M-41	VT-1	NDE-7, REV 0	X		SEE NIS-2 NO. XI-L1-90-25	
LOOP C								
F-A, B, C F0.00	APE-1MS-FHC1 HANGER TYPE V	03-104, 104770 , M-41	VT-3 VT-4	NDE-7 REV 0	X			
F-A, B, C F0.00	APE-1MS-I7C HANGER TYPE A	03-104, 104800 , M-41	V1-3	NDE-7 REV 0	X			
LOOP D								
B-3+ B9.11	MSD 020 26" PIPE (FE 1M054) TO ELBOW	03-04, 105370 SUR	WJL SUR	UT-PE-002 REV 7 RT-PE-001 REV 1	X			
0000 NUREG	MSD 020 (AUG) 26" PIPE (FE 1M054) TO ELBOW	03-04, 105371	VOL	UT-PE-002 REV 7	X		NUREG 0000 FULL VOLUME	

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NAI - STEAM

ASME SEC. XI CATBY ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR				REMARKS
						C	R	M	R	
B-J+ B9.11	LOOP D MSD 021 26" ELBOW TO VALVE HV-1F022D	83-04	105388	VOL SUR	UT-PE-002 REV 7 X MT-PE-001 REV 3 X					
0000 NUREG	MSD 021 (AUG) 26" ELBOW TO VALVE HV-1F022D	83-04,	105381	VOL	UT-PE-002 REV 7 X					NUREG 0000 FULL VOLUME
B-J+ B9.11	MSD 022 26" VALVE HV-1F022D TO FLUED HD	83-04	105390	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X					
0000 NUREG	MSD 022 (AUG) 26" VALVE HV-1F022D TO FLUED HD	83-04,	105391	VOL	UT-PE-002 REV 7 X					NUREG 0000 FULL VOLUME
B-M-2 B12.50	VALVES HV-41-1F022A ATWOOD & MORRILL 26 GLOBE	83-01,	106170	VT-3 M-41	NDE-7, REV 0 X					
B-M-2 B12.50	HV-41-1F022D ATWOOD & MORRILL 26 GLOBE	83-04,	106200	VT-3 M-41	NDE-7, REV 0 X					
B-M-2 B12.50	HV-41-1F022A ATWOOD & MORRILL 26 GLOBE	83-01,	106210	VT-3 M-41	NDE-7, REV 0 X					SEE NIS-2 NO. XI-L1-90-40
B-M-2 B12.50	HV-41-1F022D ATWOOD & MORRILL 26 GLOBE	83-04,	106240	VT-3 M-41	NDE-7, REV 0 X					SEE NIS-2 NO. XI-L1-90-49
B-M-2 B12.50	PSV-41-1F013A TARGET ROCK 6X10 RELIEF	83-01,	106250	VT-3 M-41	NDE-7, REV 0 X					SEE NIS-2 NO. XI-L1-90-12

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LIMERICK GENERATING STATION UNIT 1
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MAIN STEAM

ASME SEC. XI CATBY ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY		EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R						REMARKS
		NUMBER	NUMBER			-	-	-	-	-	-	
VALVES												
B-N-2 B12.50	PSV-41-1F013B TARGET ROCK 6X10 RELIEF	03-01,	106260	VT-3	NDE-7, REV 0	X						SEE NIS-2 NO. XI-L1-90-13
B-N-2 B12.50	PSV-41-1F013C TARGET ROCK 6X10 RELIEF	03-04,	106270	VT-3	NDE-7, REV 0	X						SEE NIS-2 NO. XI-L1-90-14
B-N-2 B12.50	PSV-41-1F013D TARGET ROCK 6X10 RELIEF	03-04,	106280	VT-3	NDE-7, REV 0	X						SEE NIS-2 NO. XI-L1-90-15
B-N-2 B12.50	PSV-41-1F013E TARGET ROCK 6X10 RELIEF	03-01,	106290	VT-3	NDE-7, REV 0	X						SEE NIS-2 NO. XI-L1-90-16
B-N-2 B12.50	PSV-41-1F013F TARGET ROCK 6X10 RELIEF	03-01,	106300	VT-3	NDE-7, REV 0	X						SEE NIS-2 NO. XI-L1-90-17
B-N-2 B12.50	PSV-41-1F013G TARGET ROCK 6X10 RELIEF	03-04,	106310	VT-3	NDE-7, REV 0	X						SEE NIS-2 NO. XI-L1-90-18
B-N-2 B12.50	PSV-41-1F013H TARGET ROCK 6X10 RELIEF	03-04,	106320	VT-3	NDE-7, REV 0	X						SEE NIS-2 NO. XI-L1-90-19
B-N-2 B12.50	PSV-41-1F013J TARGET ROCK 6X10 RELIEF	03-01,	106330	VT-3	NDE-7, REV 0	X						SEE NIS-2 NO. XI-L1-90-20
B-N-2 B12.50	PSV-41-1F013K TARGET ROCK 6X10 RELIEF	03-01,	106340	VT-3	NDE-7, REV 0	X						SEE NIS-2 NO. XI-L1-90-21

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LIMERICK GENERATING STATION UNIT 1
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 CLASS 1 COMPONENTS

MAIN STEAM

ASME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R C A	O E R M	O R E C O R R	R E P O R T	REMARKS
	VALVES									
B-M-2 B12.50	PSV-41-1F013L TARGET ROCK 6X10 RELIEF	03-04, M-41	106350	VT-3	NDE-7, REV 0			X		SEE NIS-2 NO. XI-L1-90-22
B-M-2 B12.50	PSV-41-1F013M TARGET ROCK 6X10 RELIEF	03-04, M-41	106360	VT-3	NDE-7, REV 0			X		SEE NIS-2 NO. XI-L1-90-23
B-M-2 B12.50	PSV-41-1F013N TARGET ROCK 6X10 RELIEF	03-04, M-41	106370	VT-3	NDE-7, REV 0			X		SEE NIS-2 NO. XI-L1-90-24
B-M-2 B12.50	PSV-41-1F013S TARGET ROCK 6X10 RELIEF	03-04, M-41	106380	VT-3	NDE-7, REV 0			X		SEE NIS-2 NO. XI-L1-90-25

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LIMERICK GENERATING STATION UNIT 1
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REACTOR CORE ISOLATION COOLING

ASME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N C	R R	O E	D E	R P	REMARKS
ITEM NO											
	LOOP NA										
F-A, B, C F0.00	DBA-107-F003 HANGER TYPE V	06-101	106440	VT-3 VT-4	NDE-7 REV 0					X	
F-A, B, C F0.00	DBA-107-H000 HANGER TYPE M	06-101	106400	VT-3 M-49	NDE-7 REV 0					X	
F-A, B, C F0.00	DBA-107-H010 HANGER TYPE M	06-101	106500	V7-3 M-49	NDE-7 REV 0					X	
B-J+ B9.21	NA RC 127 3" VALVE HV-1F007 TO PIPE	06-01	106900	VOL SUR	UT-PE-002 REV 7 MT-PE-001 REV 1					X	
0000 NUREG	RC 127 (AUG) 3" VALVE HV-1F007 TO PIPE	06-01,	106901	VOL	UT-PE-002 REV 7					X	NUREG 0000 FULL VOLUME
B-J+ B9.21	RC 128 3" PIPE TO ELBOW	06-01	106910	VOL SUR	UT-PE-002 REV 7 MT-PE-001 REV 1					X	ROOT GEOMETRY DETECTED USING 45 SHEAR WAVE
0000 NUREG	RC 128 (AUG) 3" PIPE TO ELBOW	06-01,	106911	VOL	UT-PE-002 REV 7					X	NUREG 0000 FULL VOLUME; ROOT GEOMETRY DETECTED USING 45 SHEAR WAVE
B-J+ B9.21	RC 129 3" ELBOW TO PIPE	06-01	106920	VOL SUR	UT-PE-002 REV 7 MT-PE-001 REV 3					X	
0000 NUREG	RC 129 (AUG) 3" ELBOW TO PIPE	06-01,	106921	VOL	UT-PE-001 REV 7					X	NUREG 0000 FULL VOLUME

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REACTOR CORE ISOLATION COOLING

ASME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N O R E C E D E C R	O R T E H P E O R	REMARKS
B-3+ B9.21	^{NO} RC 130 3" PIPE TO FLUED HEAD (X-10)	06-01	106930	VOL SUR	UT-PE-001 REV 7 RT-PE-001 REV 1		X	ROOT GEOMETRY DETECTED USING 45 SHEAR WAVE
0000 NUREG	RC 130 (AUG) 3" PIPE TO FLUED HEAD (X-10)	06-01,	106931	VOL	UT-PE-002 REV 7		X	ROOT GEOMETRY DETECTED USING 45 SHEAR WAVE

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LIMERICK GENERATING STATION UNIT 1
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REACTOR RECIRCULATION

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N O R C E R M R	D E G R E E E D E D	R E C E I V E D	REMARKS
B-J B9.11	LOOP A RRA 024 28"x22" CROSS TO 22" PIPE	07-01	100070	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X			COUNTERBORE GEOMETRY DETECTED USING 45 SHEAR WAVE
B-J B9.12	RRA 024LD 22" PIPE SEAM	07-01	100080	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X			
B-J B9.31	RRA 044 22" PIPE TO 22"x12" SWEEPolet	07-01	109370	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X			
B-J B9.11	RRA 045 22"x12" SWEEPolet TO 12" PIPE	07-01	109380	VOL SUR	UT-PE-002 P.V 7 LP-PE-001 REV 3	X			
B-J B9.12	RRA 045LD 12" PIPE SEAM	07-01	109390	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X			
B-J B9.11	RRA 048 22" PIPE TO CAP	07-01	109400	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X			
B-J B9.12	RRA 048LU 22" PIPE SEAM	07-01	109490	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X			
B-J B9.11	LOOP B RRA 004AT 28" PIPE TO PIPE	07-02	110160	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X			
B-J B9.12	RRA 004ALD 28" PIPE SEAM	07-02	110170	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X			

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REACTOR RECIRCULATION

ASME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R C R	R E C O R D E D	O R T H O G O N A L	R E P O R T E D	REMARKS
B-J 09.12	LOOP B RRB 0044CU 20" PIPE SEAM	07-02	110100	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3			X		COUNTERBORE GEOMETRY DETECTED USING 45 SHEAR WAVE
B-J 09.40	RRB 053 2" PIPE TO VALVE 1F051B	07-04	111200	SUR	LP-PE-001 REV 3			X		
B-J 09.40	RRB 054 2" VALVE 1F051B TO PIPE	07-04	111210	SUR	LP-PE-001 REV 3			X		
F-A, B, C F0.00	SP-DCA-185-E1H01 HANGER TYPE V	07-104	111230	VT-3 ,M-43 VT-4	NDE-7 REV 0			X		
F-A, B, C F0.00	SP-DCA-185-E1H02 HANGER TYPE M	07-104	111240	VT-3 ,M-43	NDE-7 REV 0			X		
F-A, B, C F0.00	SP-DCA-185-E1H04 HANGER TYPE R	07-104	111260	VT-3 ,M-43	NDE-7 REV 0			X		
F-A, B, C F0.00	SP-DCA-185-E1H05 HANGER TYPE V	07-104	111270	VT-3 ,M-43 VT-4	NDE-7 REV 0			X		
F-A, B, C F0.00	SP-DCA-185-E1H07 HANGER TYPE V	07-104	111290	VT-3 ,M-43 VT-4	NDE-7 REV 0			X		

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REACTOR WATER CLEANUP

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R				REMARKS
						-	-	-	-	
	LOOP NA									
F-A, B, C FB.00	DBA-112-H003 HANGER TYPE M	00-101	112370	VT-3	NDE-7 REV 0			X		
			,M-41							
F-A, B, C FB.00	DBA-112-H006 HANGER TYPE R	00-101	112400	VT-3	NDE-7 REV 0			X		
			,M-41							
F-A, B, C FB.00	DBA-112-H007 HANGER TYPE R	00-101	112410	VT-3	NDE-7 REV 0			X		
			,M-41							
F-A, B, C FB.00	DBA-112-H008 HANGER TYPE R	00-101	112420	VT-3	NDE-7 REV 0			X		ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005
			,M-41							
F-A, B, C FB.00	DBA-112-H015 HANGER TYPE R	00-101	112490	VT-3	NDE-7 REV 0			X		
			,M-41							
F-A, B, C FB.00	DBA-112-H016 HANGER TYPE R	00-101	112500	VT-3	NDE-7 REV 0			X		ADDED DUE TO A DISCREPENCY FOUND ON EBB-100-02-H005
			,M-41							
F-A, B, C FB.00	DCA-101-H006 HANGER TYPE R	00-102	112560	VT-3	NDE-7 REV 0			X		
			,M-44							
F-A, B, C FB.00	DCA-101-H007 HANGER TYPE R	00-102	112570	VT-3	NDE-7 REV 0			X		
			,M-44							
F-A, B, C FB.00	DCA-101-H010 HANGER TYPE M	00-102	112600	VT-3	NDE-7 REV 0			X		
			,M-44							

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REACTOR WATER CLEANUP

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O E R E C R	O R G T E H P C D C D M R R	REMARKS
	LOOP NO							
F-A, B, C FB. 00	DCA-101-H011 HANGER TYPE M	00-102	112610 M-44	VT-3	NDE-7 REV 0	X		
F-A, B, C FB. 00	DCA-101-H018 HANGER TYPE M	00-102	112600 M-44	VT-3	NDE-7 REV 0	X		
F-A, B, C FB. 00	DCA-101-H045 HANGER TYPE M	00-104	112700 M-44	VT-3	NDE-7 REV 0	X		
F-A, B, C FB. 00	DCA-101-H046 HANGER TYPE M	00-104	112710 M-44	VT-3	NDE-7 REV 0	X		
F-A, B, C FB. 00	DCA-101-H052 HANGER TYPE M	00-104	112770 M-44	VT-3	NDE-7 REV 0	X		
F-A, B, C FB. 00	DCA-101-H056 HANGER TYPE M	00-104	112810 M-44	VT-3	NDE-7 REV 0	X		
F-A, B, C FB. 00	DCA-101-H069 HANGER TYPE M	00-102	112940 M-44	VT-3	NDE-7 REV 0	X		
F-A, B, C FB. 00	DCA-101-H071 HANGER TYPE M	00-102	112960 M-44	VT-3	NDE-7 REV 0	X		
B-J+ 09.11	NO RW BT2 6" PIPE TO ELBOW	00-02	113360	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X		ROOT GEOMETRY RECORDED USING 45 SHEAR WAVE

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LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SCHEDULE FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

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REACTOR WATER CLEANUP

ASME SEC. XI CATBY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	FIGURE NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N D E C E D C R M R R	O R T E K I O E O R R	REMARKS
0800 NUREG	NA RW 012 (AUG) 6" PIPE TO ELBOW	08-02,	113361	VOL	UT-PE-002 REV 7		X	NUREG 0800 FULL VOLUME; ROOT GEOMETRY DETECTED USING 45 SHEAR WAVE
B-J+ B9.11	RW 013 6" ELBOW TO PIPE	08-02	113370	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3		X X	
0800 NUREG	RW 013 (AUG) 6" ELBOW TO PIPE	08-02,	113371	VOL	UT-PE-002 REV 7		X	NUREG 0800 FULL VOLUME
B-J+ B9.11	RW 014 6" PIPE TO ELBOW	08-02	113360	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3		X X	
0800 NUREG	RW 014 (AUG) 6" PIPE TO ELBOW	08-02,	113381	VOL	UT-PE-002 REV 7		X	NUREG 0800 FULL VOLUME
B-J+ B9.11	RW 015 6" ELBOW TO PIPE	08-02	113390	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3		X X	ID ROOT GEOMETRY USING 45 SHEAR WAVE
0800 NUREG	RW 015 (AUG) 6" ELBOW TO PIPE	08-02,	113391	VOL	UT-PE-002 REV 7		X	NUREG 0800 FULL VOLUME; ID ROOT GEOMETRY DETECTED USING 45 SHEAR WAVE
B-J B9.21	RW 008 2 1/2" TEE TO 2 1/2"x2" REDUCER	08-03	113900	SUR	LP-PE-001 REV 3		X	
B-J B9.21	RW 090 2" PIPE TO ELBOW	08-03	114000	SUR	LP-PE-001 REV 3		X	

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LIMERICK GENERATING PLANT UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

RESIDUAL FAT REMOVAL

ASME SEC. XI CATEY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R D E G T E / A C C E P T E D E D E D C A P T I V E	REMARKS
	<u>LOOP A</u>						
F-A, B, C F8.00	DCA-104-X-13A HANGER TYPE A	01-101	115590	VT-3 ,M-51	NDE-7 REV 0	X	
F-A, B, C F8.00	DCA-318-H002 HANGER TYPE M	01-101	115600	VT-3 ,M-51	NDE-7 REV 0	X	
F-A, B, C F8.00	DLA-112-H020 HANGER TYPE M	01-101	115660	VT-3 ,M-51	NDE-7 REV 0	X	
B-F B5.130	RHP 012 12" PIPE TO FLUED HD. (X-45A), B	01-01	115970	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X		
	<u>LOOP B</u>						
B-F B5.130	RHP 012 12" PIPE TO FLUED HEAD (X-45B), B	01-04	116970	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X		
	<u>LOOP C</u>						
B-J B9.11	RHC 001 12" PIPE TO ELBOW	01-07	117300	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X		
B-J B9.12	RHC 001LD 12" PIPE SEAM	01-07	117340	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X		
B-J B9.12	RHC 001LU MAX 12" ELBOW SEAM, MAXIMUM	01-07	117350	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X		

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RESIDUAL HEAT REMOVAL

ASME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N D R C E D C R	D E H D M R	R T E P D O R	REMARKS
B-J B9.12	LOOP C RHC 00110 MIN 12" ELBOW SEAM, MINIMUM	01-07	117360	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				
B-J B9.11	RHC 002 12" ELBOW TO VALVE 1F065C	01-07	117370	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				
B-J B9.12	RHC 00210 MAX 12" ELBOW SEAM, MAXIMUM	01-07	117380	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				
B-J B9.12	RHC 00210 MIN 12" ELBOW SEAM, MINIMUM	01-07	117390	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				
B-J B9.11	RHC 003 12" VALVE 1F065C TO PIPE	01-07	117400	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				
B-J B9.12	RHC 003LU 12" PIPE SEAM	01-07	117410	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				
B-J B9.11	RHC 004 12" PIPE TO ELBOW	01-07	117420	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				
B-J B9.12	RHC 004LD 12" PIPE SEAM	01-07	117430	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				
B-J B9.12	RHC 004LU MAX 12" ELBOW SEAM, MAXIMUM	01-07	117440	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X				

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RESIDUAL HEAT REMOVAL

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N C R C	R E E M	O E O R	D E H P E O R	REMARKS
B-J 7.2	LOOP C RHC 0042U MIN 12" ELBOW SEAM, MINIMUM	01-07	117450	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3				X	ID ROOT GEOMETRY DETECTED USING 45 SHEAR WAVE
B-J B9.11	RHC 005 12" ELBOW TO PIPE	01-07	117460	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3				X	
B-J B9.12	RHC 005LD MAX 12" ELBOW SEAM, MAXIMUM	01-07	117490	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3				X	
B-J B9.12	RHC 005LD MIN 12" ELBOW SEAM, MINIMUM	01-07	117500	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3				X	
B-J B9.12	RHC 005LU 12" PIPE SEAM	01-07	117510	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3				X	
B-F B5.130	RHC 012 12" PIPE TO FLUED HEAD (X-45C),	01-07	117590	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3				X	
B-F B5.130	LOOP D RHC 012 12" PIPE TO FLUED HEAD (X-45D), B	01-09	117900	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3				X	
F-A, B, C F8.00	LOOP NA DCA-105-F812 HANGER TYPE M	01-111	118110	VT-3 M-51	NDE-7 REV 0				X	

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RESIDUAL HEAT REMOVAL

ASME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OE RC ED C	OR EG CE DO M	CR TE HP OE R	REMARKS
F-A, B, C F8.00	LOOP NO DCA-105-FR13 HANGER TYPE M	01-111 ,M-51	118120 VT-3	NDE-7 REV 0			X	

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STANDBY LIQUID CONTROL

ASME SEC. XI DATEY	WELD NUMBER AND/OR IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR DR	DR TE	DE HP	RE EO	ED RR	REMARKS
	LOOP NA									
F-A, B, C FB.00	SP-DCA-102-E2H05 HANGER TYPE R	11-101 119000	VT-3 ,M-48	NDE-7 REV 0		X				
F-A, B, C FB.00	SP-DCA-102-E2H07 HANGER TYPE R	11-101 119100	VT-3 ,M-48	NDE-7 REV 0		X				
F-A, B, C FB.00	SP-DCA-102-E2H18 HANGER TYPE R	11-101 119160	VT-3 ,M-48	NDE-7 REV 0		X				
F-A, B, C FB.00	SP-DCA-102-E2H19 HANGER TYPE R	11-101 119170	VT-3 ,M-48	NDE-7 REV 0		X				
F-A, B, C FB.00	SP-DCA-112-E2H01 HANGER TYPE R	11-102 119200	VT-3 ,M-48	NDE-7 REV 0		X				
F-A, B, C FB.00	SP-DCA-112-E2H05 HANGER TYPE R	11-102 119240	VT-3 ,M-48	NDE-7 REV 0		X				
F-A, B, C FB.00	SP-DCA-112-E2H07 HANGER TYPE R	11-102 119260	VT-3 ,M-48	NDE-7 REV 0		X				
F-A, B, C FB.00	SP-DCA-112-E2H08 HANGER TYPE R	11-102 119270	VT-3 ,M-48	NDE-7 REV 0		X				
F-A, B, C FB.00	SP-DCA-112-E2H13 HANGER TYPE R	11-102 119320	VT-3 ,M-48	NDE-7 REV 0		X				

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STEAMER, LIQUID CONTROL

ASME SEC. XI DATE	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N C	R R	D M	D R	R R	REMARKS
ITEM NO											
	LOOP NA										
F-A, B, C F0.00	SP-DCA-112-E3H04 HANGER TYPE M	11-183	119370	VT-3 ,M-48	NDE-7 REV 0				X		
F-A, B, C F0.00	SP-DCA-112-E3H05 HANGER TYPE R	11-183	119380	VT-3 ,M-48	NDE-7 REV 0				X		
F-A, B, C F0.00	SP-DCA-112-E3H09 HANGER TYPE R	11-183	119420	VT-3 ,M-48	NDE-7 REV 0				X		
F-A, B, C F0.00	SP-DCA-112-E3H10 HANGER TYPE R	11-183	119430	VT-3 ,M-48	NDE-7 REV 0				X		
F-A, B, C F0.00	SP-DCA-112-E3H12 HANGER TYPE R	11-183	119450	VT-3 ,M-48	NDE-7 REV 0				X		
F-A, B, C F0.00	SP-DCA-112-E3H13 HANGER TYPE R	11-183	119460	VT-3 ,M-48	NDE-7 REV 0				X		
F-A, B, C F0.00	SP-DCA-112-E3H16 HANGER TYPE R	11-183	119490	VT-3 ,M-48	NDE-7 REV 0				X		
	NA										
B-J B9.40	SC 039 2" PIPE TO ELBOW	11-83	120070	SUR	LD-PE-001 REV 3				X		
B-J B9.40	SC 054 2" ELBOW TO PIPE	11-83	120120	SUR	LD-PE-001 REV 3				X		

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STANDBY LIQUID CONTROL

ASME SEC. XI CATY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OE RC ED C	DR GT CE DO M	RE HP OE R	REMARKS
B-J B9.40	NA SC 205 2" PIPE TO 12"x12" BRANCH CONNec	11-03	120130	SUR	LP-PE-001 REV 3 X				

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CONTROL ROD DRIVE-HYDRAULICS

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N C E E C C M R R	R R M R R	D E B T E P P D D D D D	REMARKS
	LOOP A								
F-A, B, C F0.00	EBB-142-SH-E04 HANGER TYPE R	09-101	227600	VT-3 ,M-47	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-142-SH-E05 HANGER TYPE R	09-101	227610	VT-3 ,M-47	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-142-SH-E06 HANGER TYPE R	09-101	227620	VT-3 ,M-47	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-142-SH-E07 HANGER TYPE R	09-101	227630	VT-3 ,M-47	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-142-SH-E09 HANGER TYPE R	09-101	227640	VT-3 ,M-47	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-142-SH-E10 HANGER TYPE R	09-101	227650	VT-3 ,M-47	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-142-SH-E11 HANGER TYPE R	09-101	227710	VT-3 ,M-47	NDE-7 REV 0	X			
C-F CS.21	RDA 012 10" PIPE TO CAP	09-01	227870	VCL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X X			
	LOOP B								
C-F CS.21	RDB 009 10" PIPE TO CAP	09-02	228310	SUR	LP-PE-001	X			

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CORE SPRAY

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N C R E C O R R E C T E D	R E C O R D E D	O R I G I N A L	R E P O R T E D	REMARKS
C-F CL. 10	1CP-206 CSA 065 STUFFING BOX TO OUTLET ELBOW WE	04-09	228650	SURR M-52	NDE-3 REV 0	X				
C-F CS. 11	LOOP A CSA 065 16" PIPE TO VALVE HV-1F001A	04-03	229330	SURR	NDE-3 REV 0	X				
C-F CS. 11	CSA 078 16" FLANGE TO ELBOW	04-03	229480	SURR	NDE-3 REV 0	X				
C-F CS. 21	LOOP B CSB 023 12" VALVE HV-1F004B TO 12"x14"	04-05	230460	VDL SUR	UT-PE-002 REV 7 MT-PE-001 REV 1	X				
C-F CS. 11	CSB 060 16"x16"x14 TEE TO PIPE	04-07	230910	SUR	NDE-3 REV 0	X				
F-A, B, C F0.00	EBB-131-H010 HANGER TYPE M	04-105	231630	VT-3 , M-52	NDE-7 REV 0	X				
F-A, B, C F0.00	GBB-112-H001 HANGER TYPE R	04-106	231640	VT-3 , M-52	NDE-7 REV 0	X				
F-A, B, C F0.00	GBB-112-H002 HANGER TYPE R	04-106	231650	VT-3 , M-52	NDE-7 REV 0	X				ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005

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CORE SPRAY

ASME SEC. XI CAT'GY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N C R E D C R	R E C E D M R	D T E H P E O R	REMARKS
	LOOP B								
F-A, B, C F0.00	BBB-112-H039 HANGER TYPE V	04-105 ,M-52	231850	VT-3 VT-4	NDE-7 REV 0			X	
F-A, B, C F0.00	BBB-112-H051 HANGER TYPE R	04-105 ,M-52	231910	VT-3	NDE-7 REV 0			X	
F-A, B, C F0.00	BBB-112-H001 HANGER TYPE A	04-105 ,M-52	231940	VT-3	NDE-7 REV 0			X	
F-A, B, C F0.00	BBB-114-H001 HANGER TYPE V	04-105 ,M-52	231950	VT-3 VT-4	NDE-7 REV 0			X	
F-A, B, C F0.00	BBB-114-H005 HANGER TYPE M	04-105 ,M-52	231980	VT-3	NDE-7 REV 0			X	
F-A, B, C F0.00	BBB-114-H006 HANGER TYPE R	04-105 ,M-52	231990	VT-3	NDE-7 REV 0			X	ADDED DUE TO DISCEPENY FOUND ON EBB-100-02-H005
F-A, B, C F0.00	HBB-120-H008 HANGER TYPE R	04-107 ,M-52	232000	VT-3	NDE-7 REV 0			X	
F-A, B, C F0.00	HBB-120-H009 HANGER TYPE R	04-107 ,M-52	232010	VT-3	NDE-7 REV 0			X	
F-A, B, C F0.00	HBB-120-H017 HANGER TYPE R	04-107 ,M-52	232090	VT-3	NDE-7 REV 0			X	

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CORE SPRAY

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R D R O E S T E P R E C E D E D O R M R R	REMARKS
F-A, B, C FB.00	LOOP B HBB-120-H027 HANGER TYPE M	04-107 232110 ,M-52	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBB-120-H028 HANGER TYPE M	04-107 232120 ,M-52	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	LOOP C HBB-134-H001 HANGER TYPE R	04-108 232260 ,M-52	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBB-134-H002 HANGER TYPE M	04-108 232270 ,M-52	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	LOOP D CSD-P-AT HANGER TYPE	64-09, 232280 M-52	VT-3	NDE-7 REV 0	X	

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FEEDWATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R C E C R M R R	D R E C T R E C T R Y	REMARKS
0800 NUREG	LOOP A FWA 048 (AUG) 8" 45 Deg. ELBOW TO PIPE	05-02,	233481	VOL	UT-PE-002 REV 7 X			NUREG 0800 FULL VOLUME
C-F+ CS.21	FWA 048 8" 45 degree ELBOW TO PIPE	05-02	233490	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X			NUREG 0800 FULL VOLUME; PT PERFORMED IN LIEU OF MT DUE TO ACCESSIBILITY RESTRICTIONS
C-F+ CS.21	FWA 049 8" PIPE TO 45 degree ELBOW	05-02	233500	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X			
0800 NUREG	FWA 049 (AUG) 8" PIPE TO 45 Deg. ELBOW	05-02,	233501	VOL	UT-PE-002 REV 7 X			NUREG 0800 FULL VOLUME
C-F+ CS.21	FWA 049A 8" 45 degree ELBOW TO PIPE	05-02	233510	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X			
0800 NUREG	FWA 049A (AUG) 8" 45 Deg. ELBOW TO PIPE	05-02,	233511	VOL	UT-PE-002 REV 7 X			NUREG 0800 FULL VOLUME
C-F+ CS.21	FWA 050 8" PIPE TO 45 degree ELBOW	05-02	233520	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X			
0800 NUREG	FWA 050 (AUG) 8" PIPE TO 45 Deg. ELBOW	05-02,	233521	VOL	UT-PE-002 REV 7 X			NUREG 0800 FULL VOLUME

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HIGH PRESSURE COOLANT INJECTION

ASME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N O R E C O R R E C T E D	R E P E T E D	O M I T T E D	R E P E R T E D	REMARKS
F-A, B, C F0.00	LDP NA EBB-100-H002 HANGER TYPE M	02-101	233770	VT-3 M-55	NDE-7 REV 0	X				
F-A, B, C F0.00	EBB-100-H005 HANGER TYPE R	02-102	233790	VT-3 M-55	NDE-7 REV 0	X	X			UNSATISFACTORY CONDITION RESULTING IN SUBSEQUENT EXAMINATIONS OF ADJACENT SUPPORTS AND 25 ADDITIONAL SUPPORTS OF THE SAME TYPE, DESIGN AND FUNCTION
F-A, B, C F0.00	EBB-100-H009 HANGER TYPE R	02-102	233820	VT-3 M-55	NDE-7 REV 0	X				
F-A, B, C F0.00	EBB-100-H029 HANGER TYPE R	02-101	233930	VT-3 M-55	NDE-7 REV 0	X				
F-A, B, C F0.00	EBB-100-H030 HANGER TYPE R	02-101	233940	VT-3 M-55	NDE-7 REV 0	X				
F-A, B, C F0.00	EBB-100-H032 HANGER TYPE M	02-101	233950	VT-3 M-55	NDE-7 REV 0	X				
F-A, B, C F0.00	EBB-100-H034 HANGER TYPE M	02-102	233970	VT-3 M-55	NDE-7 REV 0	X				THIS EXAM ALSO SATISFIES THE REQUIREMENT TO INSPECT SUPPORTS ADJACENT TO EBB-100-02-H005 AS A RESULT ON AN INSPECTION DEFICIENCY
F-A, B, C F0.00	EBB-100-H035 HANGER TYPE M	02-102	233980	VT-3 M-55	NDE-7 REV 0	X				
F-A, B, C F0.00	EBB-100-H001 HANGER TYPE A	02-102	234030	VT-3 M-55	NDE-7 REV 0	X				

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1.2- PRESSURE COOLANT INJECTION

ASME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R C R M R R	R E C O R D E D	C O D E D	R E M A R K S
F-A, B, C F0.00	LOOP NO EBB-129-H001A HANGER TYPE R	02-105 ,M-55	234050 VT-3	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-129-H006 HANGER TYPE V	02-105 ,M-55	234090 VT-3 VT-4	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-129-H008A HANGER TYPE M	02-104 ,M-55	234120 VT-3	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-129-H011A HANGER TYPE M	02-104 ,M-55	234170 VT-3	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-129-H016 HANGER TYPE R	02-104 ,M-55	234210 VT-3	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-129-H045 HANGER TYPE V	02-104 ,M-55	234310 VT-3 VT-4	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-129-H046 HANGER TYPE R	02-105 ,M-55	234320 VT-3	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-129-H048 HANGER TYPE V	02-105 ,M-55	234340 VT-3 VT-4	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-129-H050 HANGER TYPE M	02-104 ,M-55	234420 VT-3	NDE-7 REV 0	X			

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HIGH PRESSURE COOLANT INJECTION

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R E C O R R E C T E D	O K R E C O R R E D	R E M A R K S
	LOOP NA							
F-A, B, C FB.00	HBB-100-H003 HANGER TYPE V	02-103	234510	VT-3 ,M-55 VT-4	NDE-7 REV 0	X		
F-A, B, C FB.00	HBB-100-H003A HANGER TYPE R	02-103	234520	VT-3 ,M-55	NDE-7 REV 0	X		
F-A, B, C FB.00	HBB-100-H004 HANGER TYPE M	02-103	234530	VT-3 ,M-55 VT-4	NDE-7 REV 0	X		THIS EXAM ALSO SATISFIES THE REQUIREMENT TO INSPECT SUPPORTS ADJACENT TO EBB-100-02-H005 AS A RESULT OF AN INSPECTION DEFICIENCY
F-A, B, C FB.00	HBB-100-H009 HANGER TYPE M	02-103	234570	VT-3 ,M-55	NDE-7 REV 0	X		
F-A, B, C FB.00	HBB-100-H011 HANGER TYPE M	02-103	234580	VT-3 ,M-55	NDE-7 REV 0	X		
F-A, B, C FB.00	HBB-100-X-210 HANGER TYPE R	02-103	234610	VT-3 ,M-55	NDE-7 REV 0	X		
C-F+ CS.21	NA HP 024A2 12" PIPE TO PIPE	02-01	234660	VOL SUR	UT-PE-002 REV 7 MT-PE-001 REV 1	X		
0800 NUREG	HP 024A2 (AUG) 12" PIPE TO PIPE	02-01,	234661	VOL	UT-PE-002 REV 7	X		NUREG 0800 FULL VOLUME

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110- PRESSURE COOLANT INJECTION

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N O C O U N T E R B O R E G E O M E T R Y	D I S T O R T I O N	R E M A R K S
C-F+ CS.21	NA HP 025R1 12" PIPE TO ELBOW	02-01	234670	VOL SUR	UT-PE-002 REV 7 X MT-PE-001 REV 1 X			
0800 NUREG	HP 025R1 12" PIPE TO ELBOW	02-01,	234671	VOL	UT-PE-002 REV 7 X			NUREG 0800 FULL VOLUME
C-F+ CS.21	HP 026 12" ELBOW TO PIPE	02-01	234680	VOL SUR	UT-PE-002 REV 7 X MT-PE-001 REV 1 X		X	COUNTERBORE GEOMETRY DETECTED USING 45 SHEAR WAVE
0800 NUREG	HP 026 (AUG) 12" ELBOW TO PIPE	02-01,	234681	VOL	UT-PE-002 REV 7 X		X	NUREG 0800 FULL VOLUME; COUNTERBORE GEOMETRY DETECTED USING 45 SHEAR WAVE
C-F CS.11	HP 002 20"X12" REDUCER TO 12" ELBOW	02-03	235320	SUR	LP-PE-001 REV 3 X			
C-F CS.21	HP 114R1 10" FLANGE (FC 10010R) TO ELBOW	02-04	235670	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X			
C-F CS.21	HP 154 8" ELBOW TO PIPE	02-07	236100	VOL SUR	UT-PE-002 REV 7 X MT-PE-001 REV 1 X			
C-F CS.21	HP 156 8" ELBOW TO PIPE	02-07	236120	VOL SUR	UT-PE-002 REV 7 X MT-PE-001 REV 1 X			

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LIMERICK GENERATING STATION UNIT 1
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MAIN STEAM

ASME SEC. XI DATEY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N RECORDED	R RECORDED	C RECORDED	R RECORDED	REMARKS
F-A, B, C F0.00	COF C EBB-101-H002 HANGER TYPE R	03-105	239170	VT-3 ,M-01	NDE-7 REV 0	X				ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H002
F-A, B, C F0.00	EBB-101-H007 HANGER TYPE R	03-105	239220	VT-3 ,M-01	NDE-7 REV 0	X				
F-A, B, C F0.00	EBB-101-H008 HANGER TYPE R	03-105	239230	VT-3 ,M-01	NDE-7 REV 0	X				ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005
F-A, B, C F0.00	EBB-101-H013 HANGER TYPE R	03-105	239280	VT-3 ,M-01	NDE-7 REV 0	X				
F-A, B, C F0.00	EBB-101-H016 HANGER TYPE R	03-105	239310	VT-3 ,M-01	NDE-7 REV 0	X				
F-A, B, C F0.00	EBB-101-H017 HANGER TYPE R	03-105	239320	VT-3 ,M-01	NDE-7 REV 0	X				
C-F+ 05.21	MSC 024 26" VALVE HV-1F028C TO PIPE	03-05	239380	VOL SUR	UT-PE-002 REV 7 LP-PE-001 REV 3	X X				
0800 NUREG	MSC 024 (AUG) 26" VALVE HV-1F028C TO PIPE	03-05,	239381	VOL	UT-PE-001 REV 7	X				NUREG 0800 FULL VOLUME
C-F+ 05.21	MSC 025 26" PIPE TO ELBOW	03-05	239390	SUR VOL	NDE-3 REV 0 MDS 20.A.16 '01	X X				RECORDABLE POROSITY - ACCEPTABLE

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MAIN STEAM

ASME SEC. XI CATEY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N C E D C R	R E C E M M R	O R T H O D O R	REMARKS
0800 NUREG	LOOP C MSC 025 (AUG) 26" PIPE TO ELBOW	03-05,	239391	VOL	MGS 20.A.16 '81	X			RECORDABLE POROSITY - ACCEPTABLE
C-F+ CS. 22	MSC 025LD MAX 26" ELBOW SEAM, MAXIMUM	03-05	239400	SUR VOL	NDE-3 REV 0 MGS 20.A.16 '81	X			
0800 NUREG	MSC 025LD MAX (AUG) 26" ELBOW SEAM, MAXIMUM	03-05,	239401	VOL	MGS 20.A.16 '81	X			
C-F+ CS. 22	MSC 025LD MIN 26" ELBOW SEAM, MINIMUM	03-05	239410	SUR VOL	NDE-3 REV 0 MGS 20.A.16 '81	X			RECORDABLE POROSITY - ACCEPTABLE
0800 NUREG	MSC 025LD MIN (AUG) 26" ELBOW SEAM, MINIMUM	03-05,	239411	VOL	MGS 20.A.16 '81	X			RECORDABLE POROSITY - ACCEPTABLE
C-F+ CS. 21	MSC 026 26" ELBOW TO PIPE	03-05	239420	SUR VOL	NDE-3 REV 0 MGS 20.A.16 '81	X			RECORDABLE POROSITY - ACCEPTABLE
0800 NUREG	MSC 026 (AUG) 26" ELBOW TO PIPE	03-05,	239421	VOL	MGS 20.A.16 '81	X			RECORDABLE POROSITY - ACCEPTABLE
C-F+ CS. 22	MSC 026LU MAX 26" ELBOW SEAM, MAXIMUM	03-05	239430	SUR VOL	NDE-3 REV 0 MGS 20.A.16 '81	X			
0800 NUREG	MSC 026LU MAX (AUG) 26" ELBOW SEAM, MAXIMUM	03-05,	239431	VOL	MGS 20.A.16 '81	X			

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LIMERICK GENERATING STATION UNIT 1
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MAA STEAM

ASME SEC. XI DATEY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	U R	R M	O R	R R	REMARKS
C-74 05.12	LOOP C MSC 026LU MIN 26" ELBOW SEAM, MINIMUM	03-05	239440	SUR VOL	NDE-3 REV 0 MGS 20.A.16 '81	X				
2800 NUREG	MSC 026LU MIN (AUB) 26" ELBOW SEAM, MINIMUM	03-05,	239441	VOL	MGS 20.A.16 '81	X				
F-A, B, C F0.00	LOOP NA EBB-106-H001 HANGER TYPE V	03-106 ,M-01	240550	VT-3 VT-4	NDE-7 REV 0	X				
F-A, B, C F0.00	EBB-106-H002 HANGER TYPE R	03-106 ,M-01	240560	VT-3	NDE-7 REV 0	X				ADDED DUE TO DISCREPENCY FOUND ON EBB-106-02-H005
F-A, B, C F0.00	EBB-107-H003 HANGER TYPE R	03-106 ,M-01	240640	VT-3	NDE-7 REV 0	X				
F-A, B, C F0.00	EBB-107-H004 HANGER TYPE M	03-106 ,M-01	240650	VT-3	NDE-7 REV 0	X				

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LIMERICK GENERATING STATION UNIT 1
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REACTOR CORE ISOLATION COOLING

ASME SEC. XI DATE BY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R C O R R E C T E D	R E C O R D E D	C O M P L E T E D	R E V E A L E D	R E M A R K S
	LOOP NA								
F-A, B, C F0.00	EBB-109-H004 HANGER TYPE V	06-102 ,M-49	241800 VT-3 VT-4	SWI-38 REV 2	X				
F-A, B, C F0.00	EBB-109-H007 HANGER TYPE R	06-102 ,M-49	241830 VT-3	SWI-38 REV 2	X				
F-A, B, C F0.00	EBB-109-H009 HANGER TYPE R	06-102 ,M-49	241850 VT-3	SWI-38 REV 2	X				
F-A, B, C F0.00	EBB-109-H013 HANGER TYPE R	06-102 ,M-49	241890 VT-3	SWI-38 REV 2	X				ADDED DUE TO DISCEPNY FOUND ON EBB-108-02-H005
F-A, B, C F0.00	EBB-109-H021 HANGER TYPE R	06-102 ,M-49	241940 VT-3	SWI-38 REV 2	X				
F-A, B, C F0.00	EBB-109-H023 HANGER TYPE M	06-102 ,M-49	241960 VT-3	SWI-38 REV 2	X				
F-A, B, C F0.00	EBB-109-H032 HANGER TYPE R	06-102 ,M-49	241980 VT-3	SWI-38 REV 2	X				
F-A, B, C F0.00	EBB-109-H033 HANGER TYPE R	06-102 ,M-49	241990 VT-3	SWI-38 REV 2	X				
F-A, B, C F0.00	EBB-109-H037 HANGER TYPE M	06-102 ,M-49	242020 VT-3	SWI-38 REV 2	X				

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LIMERICK GENERATING STATION UNIT 1
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 CLASS 2 COMPONENTS

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REACTOR CORE ISOLATION COOLING

LINE SEC. XI DATE	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R E C E I V E D	R E C O R D E D	C O R R E C T E D	R E P E T E D	REMARKS
	LOP NA								
F-A, B, C FB.00	EBB-109-H038 HANGER TYPE M	06-102 242030 ,M-49	VT-3	SWI-38 REV 2	X				
F-A, B, C FB.00	EBB-109-H041 HANGER TYPE M	06-102 242060 ,M-49	VT-3	SWI-38 REV 2	X				
F-A, B, C FB.00	EBB-109-H045 HANGER TYPE R	06-102 242070 ,M-49	VT-3	SWI-38 REV 2	X				
F-A, B, C FB.00	EBB-126-H003 HANGER TYPE R	06-103 242140 ,M-49	VT-3	SWI-38 REV 2	X				
F-A, B, C FB.00	EBB-126-H005 HANGER TYPE R	06-103 242160 ,M-49	VT-3	SWI-38 REV 2	X				ADDED DUE TO DISCREPENCY FOUND ON EBE-108-02-H005
F-A, B, C FB.00	EBB-135-H007 HANGER TYPE R	06-103 242220 ,M-49	VT-3	SWI-38 REV 2	X				
F-A, B, C FB.00	EBB-135-H008 HANGER TYPE V	06-103 242230 ,M-49	VT-3 VT-4	SWI-38 REV 2	X				
F-A, B, C FB.00	EBB-135-H010 HANGER TYPE R	06-103 242250 ,M-49	VT-3	SWI-38 REV 2	X				
F-A, B, C FB.00	EBB-135-H011 HANGER TYPE R	06-103 242270 ,M-49	VT-3	SWI-38 REV 2	X				

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LIMERICK GENERATING STATION UNIT 1
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REACTOR CORE ISOLATION COOLING

RCME SEC. XI DATE	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N C R E C O R D E D	R E C O R D E D	O R I G I N A L	R E P O R T E D	REMARKS
F-A, B, C F0.00	LOOP NA EBB-135-H017 HANGER TYPE R	06-103	242300	VT-3 , N-49	SWI-38 REV 2				X	
F-A, B, C F0.00	EBB-135-H022 HANGER TYPE R	06-103	242350	VT-3 , N-49	SWI-38 REV 0				X	
F-A, B, C F0.00	EBB-135-H031 HANGER TYPE R	06-103	242430	VT-3 , N-49	SWI-38 REV 2				X	
F-A, B, C F0.00	EBB-135-H001 HANGER TYPE R	06-103	242440	VT-3 , N-49	SWI-38 REV 2				X	
F-A, B, C F0.00	EBB-135-H002 HANGER TYPE R	06-103	242450	VT-3 , N-49	SWI-38 REV 2				X	
F-A, B, C F0.00	HBB-101-H001 HANGER TYPE V	06-104	242460	VT-3 , N-49 VT-4	SWI-38 REV 2				X	
F-A, B, C F0.00	HBB-101-H002 HANGER TYPE R	06-104	242470	VT-3 , N-49	SWI-38 REV 2				X	
F-A, B, C F0.00	HBB-101-H003 HANGER TYPE R	06-104	242480	VT-3 , N-49	SWI-38 REV 2				X	
F-A, B, C F0.00	HBB-101-H007 HANGER TYPE R	06-104	242520	VT-3 , N-49	SWI-38 REV 2				X	ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005

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LIMERICK GENERATING STATION UNIT 1
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REACTOR CORE DEGRADATION COOLING

ASME SEC. XI CATEY ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	RECORDED OR R	RECORDED OR R	RECORDED OR R	RECORDED OR R	REMARKS
F-A, B, C F0.00	LOOP NA HBB-101-R209 HANGER TYPE M	06-104	242540	VT-3	SWI-38 REV 2	X				
F-A, B, C F0.00	HBB-101-H010 HANGER TYPE M	06-104	242570	VT-3	SWI-38 REV 2	X				
0800 NUREG	NO RC 016A (AUG) 3" VALVE HV-1F000 TO 6"x3" RDCR	06-02,	242631	VOL	UT-PE-002 REV 7	X				NUREG 0800 FULL VOLUME; ROOT GEOMETRY WAS DETECTED USING 45 SHEAR WAVE
C-F+ CS.11	RC 017 6"x3" REDUCER TO 6" ELBOW	06-02	242640	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X					
0800 NUREG	RC 017 (AUG) 6"x3" REDUCER TO 6" ELBOW	06-02,	242641	VOL	UT-PE-002 REV 7 X					NUREG 0800 FULL VOLUME
C-F+ CS.11	RC 018 6" ELBOW TO PIPE	06-02	242650	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X					
0800 NUREG	RC 018 (AUG) 6" ELBOW TO PIPE	06-02,	242651	VOL	UT-PE-002 REV 7 X					NUREG 0800 FULL VOLUME
C-F CS.21	RC 050A 6" PIPE TO PIPE	06-03	243100	VOL SUR	UT-PE-002 REV 7 X LP-PE-001 REV 3 X	X				ROOT GEOMETRY WAS DETECTED USING 45 SHEAR WAVE
C-F CS.21	RC 100 8" FLANGE TO 10"x10"x8" TEE	06-04	243650	VOL SUR	UT-PE-002 REV 7 X NDE-3 REV 0	X X				

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LIVERICK GENERATING STATION UNIT
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 2 COMPONENTS

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REACTOR CASE ISOLATION SYSTEM

NAME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N O R E C O R D E D	R E C O R D E D	T O H E R E F O R E	R E P A I R E D	REMARKS
C-F SS.11	NA RC 781 10" PIPE TO CAP	06-04	243660	SUR	NDE-3 REV 0	X				
C-C CS.30	PIPE ATTACHMENTS P-PS1 (IA) STRUCTURE, .75 PLATE	06-05,	243980	SUR M-50	SMI-18 REV 5	Y				

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LIMERICK GENERATING STATION UNIT 1
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RESIDUAL HEAT REMOVAL

LINE SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	UT R	RT R	MT R	PT R	REMARKS
C-A 01.10	1AE-205 RHR-MXA-3 SHELL 3 TO SHELL 2 WELD	01-24, 244750 M-51	VOL	JT-PE-011 REV 0	X				OUTSIDE SURFACE GEOMETRY WAS DETECTED USING 45 SHEAR WAVE.
C-B 06.10	1AE-202 RHA-P-6 STUFFING BOX TO OUTLET ELBOW WE	01-27, 244870 M-51	SUR	NDE-3 REV 0	X				
C-F 05.21	COMMON PIPING RH 016A 20" VALVE HV-1F008 TO PIPE	01-12 245170 SUR	VOL	UT-PE-002 REV 7 LP-PE-001 REV 3	X				COUNTERBORE GEOMETRY DETECTED USING 45 SHEAR WAVE
C-F 05.22	RH 016ALD SEAM WELD	01-12 245171 SUR	VOL	UT-PE-002 REV 7 LP-PE-001 REV 3	X				BASELINE EXAMINATION
C-F 05.22	RH 016BLU SEAM WELD	01-12 245172 SUR	VOL	UT-PE-002 REV 7 LP-PE-001 REV 3	X				BASELINE EXAMINATION
C-F 05.11	RH 078 16" PIPE TO ELBOW	01-12 245910 SUR	SUR	NDE-3 REV 0	X				
C-F 05.11	RH 109 6" VALVE PV-C-1F051A TO 14"x16"	01-14 246330 SUR	SUR	NDE-3 REV 0	X				
C-F 05.11	RH 118 14"x16" REDUCER TO 14" PIPE	01-14 246340 SUR	SUR	NDE-3 REV 0	X				

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LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS B COMPONENTS

000000A - CRT REVISION

ASME SECTION XI PART BY ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.					REMARKS
						EX-100	EX-101	EX-102	EX-103	
C-F 05.11	COMMON PIPING RM 158 8" ELBOW TO 6"x6" REDUCER	01-14	246910	SUR	NDE-3 REV 0	X				
C-F 05.11	RM 159 6"x6" REDUCER TO 6" VALVE HV-C-	01-14	246920	SUR	NDE-3 REV 0	X				
C-F 05.11	RM 172 18" CHECK VALVE 1F07B TO PIPE	01-17	247000	SUR	LP-PE-001 REV 3	X				
F-A, B, C F0.00	LOOP A BBB-101-H013 HANGER TYPE M	01-103	248060	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-101-H014 HANGER TYPE R	01-103	248070	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-101-H016 HANGER TYPE R	01-103	248090	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-102-H008 HANGER TYPE M	01-103	248160	VT-3 A, M-5	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-102-H009 HANGER TYPE V	01-103	248170	VT-3 A, M-5 VT-4	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-102-H014 HANGER TYPE M	01-103	248220	VT-3 ,M-51	NDE-7 REV 0	X				

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LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS C COMPONENTS

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RESIDUAL HEAT REMOVAL

ASME SEC. XI CATG.	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R E C R R	R E C R R	O R E C R R	R E C R R	REMARKS
	DDP A F-A, B, C GBB-102-H034 F0.00 HANGER TYPE M	01-102 248300	VT-3 ,M-51	NDE-7 REV 0		X			
	F-A, B, C GBB-105-H014 F0.00 HANGER TYPE R	01-102 248300	VT-3 ,M-51	NDE-7 REV 0		X			
	F-A, B, C GBB-105-H015 F0.00 HANGER TYPE R	01-102 248390	VT-3 ,M-51	NDE-7 REV 0		X		ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005	
	F-A, B, C GBB-106-H002 F0.00 HANGER TYPE R	01-116 248460	VT-3 ,M-51	NDE-7 REV 0		X			
	F-A, B, C GBB-106-H003 F0.00 HANGER TYPE R	01-116 248470	VT-3 ,M-51	NDE-7 REV 0		X			
	F-A, B, C GBB-107-H002 F0.00 HANGER TYPE R	01-102 248520	VT-3 ,M-51	NDE-7 REV 0		X		ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005	
	F-A, B, C GBB-107-H007 F0.00 HANGER TYPE M	01-102 248550	VT-3 ,M-51	NDE-7 REV 0		X			
	F-A, B, C GBB-107-H010 F0.00 HANGER TYPE M	01-102 248580	VT-3 ,M-51	NDE-7 REV 0		X			
	F-A, B, C GBB-107-H011 F0.00 HANGER TYPE M	01-102 248590	VT-3 ,M-51	NDE-7 REV 0		X			

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LIMERICK GENERATING STATION UNIT 1
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 CLASS 2 COMPONENTS

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SECTION: WELD REMOVAL

SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	X C R E C O R D E D	X R E C O R D E D	X R E C O R D E D	X R E C O R D E D	REMARKS
F-A, B, C F0.00	LOOP A BBB-107-814 HANGER TYPE V	01-102 ,M-51	248720 VT-3 VT-4	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-107-828 HANGER TYPE M	01-102 ,M-51	248650 VT-3	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-108-X-234A HANGER TYPE A	01-102 ,M-51	248740 VT-3	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-117-H006 HANGER TYPE R	01-103 ,M-51	248760 VT-3	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-117-H008 HANGER TYPE R	01-103 ,M-51	248770 VT-3	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-117-H016 HANGER TYPE V	01-103 ,M-51	248810 VT-3 VT-4	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-118-H001 HANGER TYPE R	01-103 ,M-51	248850 VT-3	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-118-H004 HANGER TYPE R	01-102 ,M-51	248870 VT-3	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-118-H017 HANGER TYPE V	01-103 ,M-51	248900 VT-3 VT-4	NDE-7 REV 0	X				

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LIMERICK GENERATING STATION UNIT 1
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 CLASS 2 COMPONENTS

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RECORDS - PART REMOVAL

TIME	WELD NUMBER AND/OR	FIGURE SUMMARY	EXAM	NDE USED	X	A	D	R	R	REMARKS
DATE	EXAMINATION AREA IDENTIFICATION	NUMBER NUMBER	METHOD	PROCEDURE NO.	RECORD	DRUM	W	R	RECORD	
	DOP A									
F-A, B, C F0.00	888-118-H019 HANGER TYPE V	01-103 ,M-51	248920 VT-3 VT-4	NDE-7 REV 0	X					
F-A, B, C F0.00	888-118-H020 HANGER TYPE R	01-103 ,M-51	248930 VT-3	NDE-7 REV 0	X					
F-A, B, C F0.00	888-118-H026 HANGER TYPE R	01-102 ,M-51	248980 VT-3	NDE-7 REV 0	X					
F-A, B, C F0.00	888-118-H034 HANGER TYPE M	01-102 ,M-51	249020 VT-3	NDE-7 REV 0	X					
F-A, B, C F0.00	888-118-H037 HANGER TYPE M	01-103 ,M-51	249050 VT-3	NDE-7 REV 0	X					
F-A, B, C F0.00	888-118-H056 HANGER TYPE M	01-103 ,M-51	249070 VT-3	NDE-7 REV 0	X					
F-A, B, C F0.00	888-118-H057 HANGER TYPE V	01-102 ,M-51	249080 VT-3 VT-4	NDE-7 REV 0	X					
F-A, B, C F0.00	888-118-H060 HANGER TYPE M	01-102 ,M-51	249100 VT-3	NDE-7 REV 0	X					
F-A, B, C F0.00	888-118-H082 HANGER TYPE A	01-103 ,M-51	249210 VT-3	NDE-7 REV 0	X					

DATE: 02/12/91
 REVISION: 1

INERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 2 COMPONENTS

RESIDUAL WPT RESULTS

ASME SECTION XI DATE	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINER	REVIEWER	REVIEWER	REMARKS
F-A, B, C FB.00	LOOP A HBB-119-H076 HANGER TYPE V	01-126	249230	VT-3 ,M-51 VT-4	NDE-7 REV 0	X			
F-A, B, C FB.00	HBB-119-H097 HANGER TYPE M	01-126	249240	VT-3 ,M-51	NDE-7 REV 0	X			
F-A, B, C FB.00	HBB-119-H101 HANGER TYPE M	01-126	249260	VT-3 ,M-51	NDE-7 REV 0	X			
F-A, B, C FB.00	HBB-117-H001 HANGER TYPE V	01-103	249320	VT-3 ,M-51 VT-4	NDE-7 REV 0	X			
F-A, B, C FB.00	HBB-118-H016 HANGER TYPE V	01-103	249350	VT-3 ,M-51 VT-4	NDE-7 REV 0	X			
F-A, B, C FB.00	HBB-118-H074 HANGER TYPE M	01-103	249380	VT-3 ,M-51	NDE-7 REV 0	X			
F-A, B, C FB.00	HBB-140-H010 HANGER TYPE V	01-118	249390	VT-3 ,M-51 VT-4	NDE-7 REV 0	X			
F-A, B, C FB.00	HBB-140-H015 HANGER TYPE M	01-118	249430	VT-3 ,M-51	NDE-7 REV 0	X			
F-A, B, C FB.00	HBB-140-X-239 HANGER TYPE A	01-118	249470	VT-3 ,M-51	NDE-7 REV 0	X			

7/16/91
REVISED

IMPERIAL GENERATING STATION UNIT 1
INSERVICE EXAMINATION SURVEY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
CLASS 2 COMPONENTS

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SECTION 480T REMOVE

ASME SECTION XI CLASSIFICATION	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	1 CHECKED	2 REWORKED	3 REWORKED	4 REWORKED	REMARKS
C-F 05.11	LOOP A RHA 180A 18" PIPE TO 18" TEE	01-03	250400	SUR	NDE-3 REV 0	X				
C-F 05.11	RHA 239 18" VALVE HV-1F024A TO ELBOW	01-22	251850	SUR	NDE-3		X			
C-F 05.11	RHA 241 18" PIPE TO 18"x18"x18" TEE	01-22	251870	SUR	NDE-3 REV 0			X		
C-F 05.11	LOOP B RHB 095 18" VALVE HV-1F003B TO PIPE	01-06	254250	SUR	LP-PE-001 REV 3	X				
C-F 05.11	RHB 195 18"x22" REDUCER TO 18" ELBOW	01-26	255500	SUR	NDE-3 REV 0			X		
C-F 05.11	LOOP C RHC 062 18" PIPE TO PIPE	01-07	256240	SUR	LP-PE-001 REV 3	X				
C-F 05.11	RHC 062 24" PIPE TO ELBOW	01-08	256810	SUR	LP-PE-001 REV 3	X				
F-A, B, C F8.00	LOOP D RDB-119 HANGER TYPE V	01-110 , W-51	256870	VT-3 VT-4	NDE-7 REV 0			X		

DATE: 03/12/91
 REVISION: 1

AMERICAN GENERATING STATION, UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 2 COMPONENTS

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REVISION: 001 000000

ITEM NO	EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	COMPLETED	REWORKED	REWORKED	REWORKED	REMARKS
F-A, B, C F0.00	COG 2 BBB-119-H019A HANGER TYPE R	01-109	256930	VT-2 ,M-51	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-119-H020 HANGER TYPE R	01-109	256940	VT-3 ,M-51	NDE-7 REV 0	X				ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005
F-A, B, C F0.00	BBB-119-H028 HANGER TYPE R	01-109	256960	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-119-H032 HANGER TYPE V	01-109	257000	VT-3 ,M-51 VT-4	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-119-H050 HANGER TYPE R	01-109	257010	VT-3 ,M-51	NDE-7 REV 0	X				ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005
F-A, B, C F0.00	BBB-119-H059 HANGER TYPE R	01-109	257020	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-119-H060 HANGER TYPE X	01-109	257030	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-119-H066 HANGER TYPE R	01-109	257090	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F0.00	BBB-119-H067 HANGER TYPE R	01-109	257100	VT-3 ,M-51	NDE-7 REV 0	X				ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005

DATE: 05/12/91
 REVISION: 1

LINERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 2 COMPONENTS

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VERTICAL - EAST RECELS

ASME CLASS DATE	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINER NO. DATE	REVIEWER NO. DATE	REMARKS
F-A, B, C FB.00	^{LOOP 0} EBB-119-H070 HANGER TYPE M	01-109 ,M-51	257130 VT-3	NDE-7 REV 0	X		
F-A, B, C FB.00	EBB-119-H109 HANGER TYPE V	01-109 ,M-51	257230 VT-3 VT-4	NDE-7 REV 0	X		
F-A, B, C FB.00	EBB-119-H083 HANGER TYPE A	01-109 ,M-51	257240 VT-3	NDE-7 REV 0	X		
F-A, B, C FB.00	HBB-117-H011 HANGER TYPE M	01-110 ,M-51	257270 VT-3	NDE-7 REV 0	X		
F-A, B, C FB.00	HBB-118-H055 HANGER TYPE M	01-110 ,M-51	257320 VT-3	NDE-7 REV 0	X		
F-A, B, C FB.00	^{LOOP NA} EBB-121-H001 HANGER TYPE R	01-114 ,M-51	258160 VT-3	NDE-7 REV 0	X		
F-A, B, C FB.00	EBB-121-H009 HANGER TYPE V	01-114 ,M-51	258210 VT-3	NDE-7 REV 0	X		
F-A, B, C FB.00	EBB-121-H022 HANGER TYPE R	01-114 ,M-51	258310 VT-3	NDE-7 REV 0	X		
F-A, B, C FB.00	EBB-121-H029 HANGER TYPE M	01-114 ,M-51	258350 VT-3	NDE-7 REV 0	X		

DATE: 03/12/91
 REVISION: 1

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CURRIE COMPONENTS

ISSUES - CURRIE COMPONENTS

ASME SEC. XI PART ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIT RE SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	VT-3 M-51	VT-3 M-51	VT-3 M-51	VT-3 M-51	REMARKS
F-A, B, C F0.00	EBB-121-H033 HANGER TYPE M	01-114	258380	VT-3 ,M-51	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-121-H035 HANGER TYPE M	01-114	258390	VT-3 ,M-51	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-121-H036 HANGER TYPE M	01-114	258400	VT-3 ,M-51	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-121-H038 HANGER TYPE M	01-114	258410	VT-3 ,M-51	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-121-H041 HANGER TYPE M	01-114	258440	VT-3 ,M-51	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-121-H043 HANGER TYPE M	01-114	258450	VT-3 ,M-51	NDE-7 REV 0	X			
F-A, B, C F0.00	EBB-121-H901 HANGER TYPE A	01-114	258460	VT-3 ,M-51	SWI-38 REV 2	X			
F-A, B, C F0.00	GBB-103-H002 HANGER TYPE M	01-114	258490	VT-3 ,M-51	NDE-7 REV 0	X			
F-A, B, C F0.00	GBB-103-H005 HANGER TYPE M	01-114	258520	VT-3 ,M-51	NDE-7 REV 0	X			

DATE: 03/18/91
 REVISION: 2

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 2 COMPONENTS

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WELDED HEAT TREAT

ASME SECTION XI CODE ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINED YES	REWORKED YES	RETESTED YES	REWORKED YES	REMARKS
F-A, B, C F8.00	BBB-123-H007 HANGER TYPE M	01-114	258540	VT-3 ,M-51	NDE-7 REV 2	X				
F-A, B, C F8.00	BBB-123-H008 HANGER TYPE R	01-114	258550	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F8.00	BBB-123-H012 HANGER TYPE R	01-114	258590	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F8.00	BBB-111-H003 HANGER TYPE R	01-117	258660	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F8.00	BBB-111-H005 HANGER TYPE R	01-117	258680	VT-3 ,M-51	NDE-7 REV 0	X				ADDED DUE TO DISCREPANCY FOUND ON EBB-109-02-H005
F-A, B, C F8.00	BBB-111-H006 HANGER TYPE M	01-117	258690	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F8.00	HBB-118-H003 HANGER TYPE R	01-112	258730	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F8.00	HBB-118-H005 HANGER TYPE V	01-113	258740	VT-3 ,M-51	NDE-7 REV 0	X				
F-A, B, C F8.00	HBB-118-H010 HANGER TYPE V	01-113	258780	VT-3 ,M-51 VT-4	NDE-7 REV 0	X				

DATE: 02/22/91
 DIVISION: 1

AMERICAN GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 2 COMPONENTS

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NAME UNIT CLASS CATEGORY ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	VT-3 VT-4 VT-5 VT-6 VT-7 VT-8 VT-9 VT-10 VT-11 VT-12 VT-13 VT-14 VT-15 VT-16 VT-17 VT-18 VT-19 VT-20	REMARKS
F-A, B, C FB.00	DDP NA HBB-118-H015 HANGER TYPE V	01-113	258830	VT-3 ,M-51 VT-4	NDE-7 REV 0	X	
F-A, B, C FB.00	HBB-118-H032 HANGER TYPE R	01-113	258870	VT-3 ,M-51	NDE-7 REV 0	X	
F-A, B, C FB.00	HBB-118-H041 HANGER TYPE M	01-113	258940	VT-3 ,M-51	NDE-7 REV 0	X	
F-A, B, C FB.00	HBB-118-H045 HANGER TYPE R	01-113	258960	VT-3 ,M-51	NDE-7 REV 0	X	ADDED DUE TO DISCREPENCY FOUND ON EBB-108-02-H005
F-A, B, C FB.00	HBB-118-H057 HANGER TYPE R	01-112	258990	VT-3 ,M-51	NDE-7 REV 0	X	
F-A, B, C FB.00	HBB-118-H069 HANGER TYPE R	01-113	259050	VT-3 ,M-51	NDE-7 REV 0	X	
F-A, B, C FB.00	HBB-118-H073 HANGER TYPE M	01-113	259080	VT-3 ,M-51	NDE-7 REV 0	X	
F-A, B, C FB.00	HBB-118-H082 HANGER TYPE M	01-113	259140	VT-3 ,M-51	NDE-7 REV 0	X	
F-A, B, C FB.00	HBB-119-H006 HANGER TYPE M	01-112	259230	VT-3 ,M-51	NDE-7 REV 0	X	

DATE: 03/18/91
 REVISION: 0

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD 1990
 CLASS 2 COMPONENTS

INSERVICE EXAMINATION

NAME EDC NO DATE	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINER NAME	DATE EXAMINED	REMARKS
F-A, B, C F8.00	WELD NO HBB-119-H007 HANGER TYPE R	01-112	259240	VT-3	NDE-7 REV 0	X		
F-A, B, C F8.00	HBB-119-H011 HANGER TYPE V	01-112	259280	VT-3 ,M-51 VT-4	NDE-7 REV 0	X		
F-A, B, C F8.00	HBB-119-H012 HANGER TYPE R	01-112	259290	VT-3 ,M-51	NDE-7 REV 0	X		ADDED DUE TO DISCREPANCY FOUND ON EBB-100-0C-H005
F-A, B, C F8.00	HBB-119-H013 HANGER TYPE M	01-112	259300	VT-3 ,M-51	NDE-7 REV 0	X		
F-A, B, C F8.00	HBB-119-H018 HANGER TYPE M	01-112	259350	VT-3 ,M-51	NDE-7 REV 0	X		
F-A, B, C F8.00	HBB-119-H019 HANGER TYPE R	01-112	259360	VT-3 ,M-51	NDE-7 REV 0	X		
F-A, B, C F8.00	HBB-119-H902 HANGER TYPE D	01-112	259380	VT-3 ,M-51	NDE-7 REV 0	X		
F-A, B, C F8.00	HBB-160-H004 HANGER TYPE R	01-120	259420	VT-3 ,M-51	NDE-7 REV 0	X		
F-A, B, C F8.00	HBB-160-H005 HANGER TYPE R	01-120	259430	VT-3 ,M-51	NDE-7 REV 0	X		

DATE: 03/12/91
 REVISION: 1

MINERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERNAL, SECOND PERIOD (1990)
 CLASS 2 COMPONENTS

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REVISION: 1

ASME SECTION ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIG. NO NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINATION REQUIREMENT M	EXAMINATION REQUIREMENT M	EXAMINATION REQUIREMENT M	REMARKS
F-A, B, C F2.00	WDP NA H88-160-R210 HANGER TYPE R	01-120	259470	VT-3 ,M-51	NDE-7 REV 0	X			
F-A, B, C F2.00	H88-160-R016 HANGER TYPE M	01-120	259520	VT-3 ,M-51	NDE-7 REV 0	X			
C-C C3.20	PIPE ATTACHMENTS RBB-117-R004 (IA) 6 LUGS, 2X1.5X4	01-106	259650	SUR ,M-51	LP-PE-001 REV 3	X			EXAMINATION LIMITED TO 62% OF SURFACE
C-C C3.10	VESSEL ATTACHMENTS RHR-HXA-2-C (IA) BOT MTD D, 1.75 PLATE	01-25,	260160	SUR M-51	MT-PE-001 REV 1	X			
C-C C3.10	RHR-HXA-2-D (IA) BOT MTD D, 1.75 PLATE	01-25,	260170	SUR M-51	MT-PE-001 REV 1	X			

DATE: 11/18/91
 REVISION: 2

INTEGRATED GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 SURVEY COMPONENTS

PAGE: 5

EMERGENCY SERVICE NOTES

NAME

SEC: X1

SATBY

TEXT NO

WELD NUMBER AND/OR

EXAMINATION AREA IDENTIFICATION

FIGURE NUMBER

SUMMARY NUMBER

EXAM METHOD

NDE USED PROCEDURE NO.

ACCEPTED

REJECTED

REWORK

REWORK

REWORK

REWORK

REMARKS

F-A, B, C F0.00	HBC-001-H002 HANGER TYPE R	M-11	364760	VT-3	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-001-H006 HANGER TYPE R	M-11	364800	VT-3	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-001-H008 HANGER TYPE R	M-11	364820	VT-3	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-001-H011 HANGER TYPE R	M-11	364850	VT-3	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-001-H015 HANGER TYPE R	M-11	364890	VT-3	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-001-H016 HANGER TYPE R	M-11	364900	VT-3	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-001-H019 HANGER TYPE V	M-11	364930	VT-3 VT-4	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-001-H020 HANGER TYPE R	M-11	364940	VT-3	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-001-H021 HANGER TYPE R	M-11	364950	VT-3	NDE-7 REV 0	X	

EMERGENCY SERVICE WATER

ADME REV. #1 BY ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15 <input type="checkbox"/> 16 <input type="checkbox"/> 17 <input type="checkbox"/> 18 <input type="checkbox"/> 19 <input type="checkbox"/> 20 <input type="checkbox"/> 21 <input type="checkbox"/> 22 <input type="checkbox"/> 23 <input type="checkbox"/> 24 <input type="checkbox"/> 25 <input type="checkbox"/> 26 <input type="checkbox"/> 27 <input type="checkbox"/> 28 <input type="checkbox"/> 29 <input type="checkbox"/> 30 <input type="checkbox"/> 31 <input type="checkbox"/> 32 <input type="checkbox"/> 33 <input type="checkbox"/> 34 <input type="checkbox"/> 35 <input type="checkbox"/> 36 <input type="checkbox"/> 37 <input type="checkbox"/> 38 <input type="checkbox"/> 39 <input type="checkbox"/> 40 <input type="checkbox"/> 41 <input type="checkbox"/> 42 <input type="checkbox"/> 43 <input type="checkbox"/> 44 <input type="checkbox"/> 45 <input type="checkbox"/> 46 <input type="checkbox"/> 47 <input type="checkbox"/> 48 <input type="checkbox"/> 49 <input type="checkbox"/> 50 <input type="checkbox"/> 51 <input type="checkbox"/> 52 <input type="checkbox"/> 53 <input type="checkbox"/> 54 <input type="checkbox"/> 55 <input type="checkbox"/> 56 <input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59 <input type="checkbox"/> 60 <input type="checkbox"/> 61 <input type="checkbox"/> 62 <input type="checkbox"/> 63 <input type="checkbox"/> 64 <input type="checkbox"/> 65 <input type="checkbox"/> 66 <input type="checkbox"/> 67 <input type="checkbox"/> 68 <input type="checkbox"/> 69 <input type="checkbox"/> 70 <input type="checkbox"/> 71 <input type="checkbox"/> 72 <input type="checkbox"/> 73 <input type="checkbox"/> 74 <input type="checkbox"/> 75 <input type="checkbox"/> 76 <input type="checkbox"/> 77 <input type="checkbox"/> 78 <input type="checkbox"/> 79 <input type="checkbox"/> 80 <input type="checkbox"/> 81 <input type="checkbox"/> 82 <input type="checkbox"/> 83 <input type="checkbox"/> 84 <input type="checkbox"/> 85 <input type="checkbox"/> 86 <input type="checkbox"/> 87 <input type="checkbox"/> 88 <input type="checkbox"/> 89 <input type="checkbox"/> 90 <input type="checkbox"/> 91 <input type="checkbox"/> 92 <input type="checkbox"/> 93 <input type="checkbox"/> 94 <input type="checkbox"/> 95 <input type="checkbox"/> 96 <input type="checkbox"/> 97 <input type="checkbox"/> 98 <input type="checkbox"/> 99 <input type="checkbox"/> 100	REMARKS
F-A, B, C FB.00	HBC-263-H004 HANGER TYPE R	M-11	365010	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-263-H005 HANGER TYPE R	M-11	365020	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-263-H007 HANGER TYPE R	M-11	365040	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-263-H010 HANGER TYPE R	M-11	365060	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-263-H015 HANGER TYPE R	M-11	365110	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-263-H020 HANGER TYPE R	M-11	365150	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-263-H023 HANGER TYPE R	M-11	365180	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-263-H027 HANGER TYPE M	M-11	365210	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-138-H003 HANGER TYPE R	M-11	365240	VT-3	NDE-7 REV 0	X	

DATE: 02/11/91
 REF: 1

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 3 COMPONENTS

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URGENT 12/11/90 WJZB

ASME SEC. XI CLASS	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NOT USED PROC. SE NO.	1 2 3 4 5	REMARKS
F-A, B, C FB.00	^{300 R} HBC-138-H004 HANGER TYPE R	M-11	365250	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-138-H005 HANGER TYPE R	M-11	365260	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-138-H010 HANGER TYPE R	M-11	365330	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-138-H012 HANGER TYPE R	M-11	365360	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-138-H013 HANGER TYPE R	M-11	365370	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-138-H015 HANGER TYPE R	M-11	365390	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-138-H018 HANGER TYPE R	M-11	365410	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-138-H021 HANGER TYPE R	M-11	365440	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-138-H023 HANGER TYPE R	M-11	365460	VT-3	NDE-7 REV 0	X	

DATE: 03/16/91
 REVISION: 1

INDEPENDENT GENERATING STATION UNIT
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 3 COMPONENTS

PAGE: 02

EMERGENCY SERVICE ACTION

ADME REV. A1 ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	<input type="checkbox"/> CAPTURED <input type="checkbox"/> RECORDED <input type="checkbox"/> MEASURED <input type="checkbox"/> PHOTOGRAPHED <input type="checkbox"/> RECORDED	REMARKS
F-A, B, C FB.00	HBC-138-H901 HANGER TYPE R	M-11	365480	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-138-H901 HANGER TYPE R	M-11	365510	VT-3	SW1-38 REV 2	X	
F-A, B, C FB.00	HBC-147-H801 HANGER TYPE R	M-11	365540	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-147-H804 HANGER TYPE R	M-11	365570	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-147-H806A HANGER TYPE R	M-11	36	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-147-H808A HANGER TYPE R	M-11	365630	VT-3	NDE-7 REV 0	X	ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H805
F-A, B, C FB.00	HBC-147-H810 HANGER TYPE R	M-11	365650	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-147-H811 HANGER TYPE R	M-11	365660	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-147-H811A HANGER TYPE R	M-11	365670	VT-3	NDE-7 REV 0	X	

DATE: 02/12/91
 REVISION: 1

AMERICAN GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR FIRST INTERVAL, SECOND PERIOD (1990)
 BASED ON COMPONENT

PAGE: 60

EMERGENCY SERVICE WELLS

NAME SEC. XI UNIT	WELL NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	1- 36520012 2- 36520012 3- 36520012 4- 36520012	REMARKS
F-A, B, C F8.00	LCOF A HBC-147-H012 HANGER TYPE R	M-11	365600	VT-3	NDE-7 REV 0	X	
F-A, B, C F8.00	HBC-147-H015 HANGER TYPE R	M-11	365710	VT-3	NDE-7 REV 0	X	
F-A, B, C F8.00	HBC-147-H022 HANGER TYPE R	M-11	365770	VT-3	NDE-7 REV 0	X	
F-A, B, C F8.00	HBC-147-H023 HANGER TYPE R	M-11	365780	VT-3	NDE-7 REV 0	X	
F-A, B, C F8.00	HBC-147-H025 HANGER TYPE R	M-11	365790	VT-3	NDE-7 REV 0	X	
F-A, B, C F8.00	HBC-192-H006 HANGER TYPE R	M-11	365900	VT-3	NDE-7 REV 0	X	
F-A, B, C F8.00	HBC-192-H010 HANGER TYPE R	M-11	365940	VT-3	SWI-38 REV 2	X	
F-A, B, C F8.00	HBC-192-H013 HANGER TYPE R	M-11	365970	VT-3	NDE-7 REV 0	X	
F-A, B, C F8.00	HBC-192-H016 HANGER TYPE R	M-11	366000	VT-3	NDE-7 REV 0	X	

DATE: 12/12/91
 REVISION: 1

AMERICAN GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 2 COMPONENTS

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FORWARDED BY: [REDACTED]

ASME SECTION XI ARTICLE ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	<input type="checkbox"/> VISUAL <input type="checkbox"/> RADIATION <input type="checkbox"/> ULTRASONIC <input type="checkbox"/> MAGNETIC PARTICLES <input type="checkbox"/> PHOTODUPLICATION	REMARKS
F-A, B, C F0.00	HBC-192-H018 HANGER TYPE R	M-11	366020	VT-3	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-192-H020 HANGER TYPE R	M-11	366040	VT-3	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-192-H002 HANGER TYPE R	M-11	366060	VT-3	SWI-38 REV 2	X	
F-A, B, C F0.00	HBC-194-H005 HANGER TYPE R	M-11	366090	VT-3	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-194-H007 HANGER TYPE R	M-11	366110	VT-3	SWI-38 REV 2	X	
F-A, B, C F0.00	HBC-194-H011 HANGER TYPE R	M-11	366140	VT-3	SWI-38 REV 2	X	
F-A, B, C F0.00	HBC-194-H014 HANGER TYPE R	M-11	366170	VT-3	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-194-H020 HANGER TYPE R	M-11	366230	VT-3	NDE-7 REV 0	X	
F-A, B, C F0.00	HBC-194-H021 HANGER TYPE R	M-11	366240	VT-3	NDE-7 REV 0	X	ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005

DATE: 03/18/91
 REVISION: 1

INTEGRAL GENERATING STATION UNIT
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND FEED (1990)
 CLASS 3 COMPONENTS

PAGE: 1

EMERGENCY SERVICE WATER

ADME SEC. 11 CATEY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	1 2 3 4 5	6 7 8 9 10	11 12 13 14 15	16 17 18 19 20	REMARKS	
F-A, B, C F0.00	HBC-194-H000 HANGER TYPE A	M-11	366290	VT-3	NDE-7 REV 0					X	
F-A, B, C F0.00	HBC-230-H000 HANGER TYPE A	M-11	366320	VT-3	NDE-7 REV 0					X	
F-A, B, C F0.00	HBC-247-H010 HANGER TYPE A	M-11	366390	VT-3	NDE-7 REV 0					X	
F-A, B, C F0.00	HBC-270-H000 HANGER TYPE A	M-11	366410	VT-3	NDE-7 REV 0					X	
F-A, B, C F0.00	HBC-292-H001 HANGER TYPE A	M-11	366440	VT-3	NDE-7 REV 0					X	
<u>PIPE ATTACHMENTS</u>											
D-B 02.20	HBC-081-H021 (IA) 8 LUGS, 2X1.5X4	M-11	368230	VT-3	NDE-7 REV 0					X	
D-B 02.20	HBC-138-H001 (IA) ANCH SLEEV, .25 PLATE	M-11	368400	VT-3	NDE-7 REV 0					X	
D-B 02.20	HBC-147-H025 (IA) 8 LUGS, 2X1.5X4	M-11	368500	VT-3	NDE-7 REV 0					X	
D-B 02.20	HBC-192-H002 (IA) ANCH SLEEV, .5 PLATE	M-11	368640	VT-3	NDE-7 REV 0					X	

DATE: 03/10/91
REVISION: 1

AMERICA GENERATING STATION UNIT 1
INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
SURVEY COMPONENTS

PAGE: 06

MEASUREMENT SURFACE WATER

ASME SECTION DATE BY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINATION ACCEPTED REJECTED NOT RECORDED NOT IDENTIFIED	REMARKS
D-B 02.20	PIPE ATTACHMENTS PBC-194-1905 (1A) ANCH SLEEVE, S PLATE	M-11	368750	VT-3	NDE-7 REV 2	X	

DATE: 02/12/91
 REVISION: 1

INTEGRATED GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 2 COMPONENTS

PAGE: 6

CLASS 2 COMPONENTS TO BE EXAMINED

DATE REV. NO.	WELD NUMBER AND/OR ITEM NO. IDENTIFICATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINED BY	REVIEWED BY	DATE EXAMINED	REMARKS
F-A, B, C FB.00	HCC-184-HB17 HANGER TYPE R	M-13	371400	VT-2	NDE-7 REV 0	X			
F-A, B, C FB.00	HCC-184-HB21 HANGER TYPE R	M-53	371430	VT-3	NDE-7 REV 0	X			
F-A, B, C FB.00	HCC-184-HB23 HANGER TYPE R	M-53	371440	VT-3	NDE-7 REV 0	X			
F-A, B, C FB.00	HCC-184-HB33 HANGER TYPE R	M-53	371490	VT-3	NDE-7 REV 0	X			
F-A, B, C FB.00	HCC-186-HB03 HANGER TYPE R	M-53	371540	VT-3	NDE-7 REV 0	X			
F-A, B, C FB.00	HCC-186-HB06 HANGER TYPE R	M-53	371570	VT-3	NDE-7 REV 0	X			

DATE: 10/12/91
 REVISION: 1

AMERICAN GENERATING STATIONS, INC.
 INSERVICE EXAMINATION SUMMARY FOR THE NEXT INTERVAL, SECOND PERIOD (1990)
 CLASS 2 COMPONENTS

WAS 2166

ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINATION REQUIRED	REMOVED	REWORK REQUIRED	REMARKS
7-A, B, C 72.00	WAS 2166 DBC-121-71.57 HANGER TYPE 4	M-41	373660	VT-3	NDE-7 REV 0	X			
7-A, B, C 70.00	DBC-101-H200 HANGER TYPE 4	M-41	373610	VT-3 VT-4	NDE-7 REV 0	X			
0-A, B 01, 2, 40	PIPE ATTACHMENTS DBC-101-H200 (1A) SLEEVE, .63 PLATE	M-41	374330	VT-3	NDE-7 REV 0	X			

DATE: 03/12/81
 REVISION: 1

LIVERIA GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1982)
 CLASS & COMPONENTS

SECTION UNDER EXAM

ASME SEC. XI CLASS	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	AGE USED PROCEDURE NO.	REVISIONS CORRECTIONS REWORK	REMARKS
8800 NUREG	^{NA} Rw 138 (AUG) 6" VALVE HV-17240 TO PIPE	88-85, 375231	VDL	UT-PE-002 REV 7 X		NUREG 8800 FULL VOLUME
8800 NUREG	Rw 139 (AUG) 6" PIPE TO ELBOW	88-85, 375241	VDL	UT-PE-002 REV 7 X		NUREG 8800 FULL VOLUME

DATE: 02/22/91
 REV: 111247

AMERICAN GENERATING SERVICES, INC.
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

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REVISIONS: 0007 02/22/91, 0008 02/22/91

ASME SEC. XI CLASS	FIELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	CODE USED PROCEDURE NO.	REVISIONS 1 2 3 4 5 6 7 8 9 10	REMARKS
F-A, B, C FB.00	OCF A SBC-102-H007 HANGER TYPE R	M-51	375340	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	SBC-102-H008 HANGER TYPE R	M-51	375350	VT-3	NDE-7 REV 0	X	ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005
F-A, B, C FB.00	SBC-102-H009 HANGER TYPE R	M-51	375360	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	SBC-103-H003 HANGER TYPE R	M-51	375390	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	SBC-103-H004 HANGER TYPE R	M-51	375400	VT-3	SWI-30 REV 2	X	
F-A, B, C FB.00	SBC-103-H006 HANGER TYPE R	M-51	375430	VT-3	SWI-30 REV 2	X	ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005
F-A, B, C FB.00	HBC-091-H008 HANGER TYPE R	M-12	375630	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-091-H009 HANGER TYPE R	M-12	375640	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-091-H090 HANGER TYPE R	M-12	375650	VT-3	NDE-7 REV 0	X	

DATE: 2012/9/1
 REVISION: 2

AMERICAN GENERATING SERVICES UNIT
 INSERVICE EXAMINATION SUMMARY FOR THE 1ST INTERVAL, SECOND PERIOD (1990)
 CLASS 0 00% WETS

375666-375696, 375700-375710

WELL NO	WELL NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	REVISION	RETESTED	RETESTED	RETESTED	REMARKS
F-A, B, C F8.00	HBC-291-H091 HANGER TYPE R	M-12	375660	VT-3	NDE-7 REV 0	X				
F-A, B, C F8.00	HBC-291-H092 HANGER TYPE R	M-12	375670	VT-3	NDE-7 REV 0	X				
F-A, B, C F8.00	HBC-291-H093 HANGER TYPE R	M-12	375680	VT-3	NDE-7 REV 0	X				
F-A, B, C F8.00	HBC-291-H094 HANGER TYPE R	M-12	375690	VT-3	NDE-7 REV 0	X				
F-A, B, C F8.00	HBC-291-H095 HANGER TYPE R	M-12	375700	VT-3	NDE-7 REV 0	X				
F-A, B, C F8.00	HBC-291-H096 HANGER TYPE R	M-12	375710	VT-3	NDE-7 REV 0	X				
F-A, B, C F8.00	HBC-291-H115 HANGER TYPE R	M-12	375900	VT-3	NDE-7 REV 0	X				
F-A, B, C F8.00	HBC-291-H116 HANGER TYPE R	M-12	375910	VT-3	NDE-7 REV 0	X				
F-A, B, C F8.00	HBC-291-H117 HANGER TYPE R	M-12	375920	VT-3	NDE-7 REV 0	X				

LINERICK GENERATING STATION UNIT
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1970)
 CLASS C COMPONENTS

SECTION: UNIT NO: 200, SERVICE WATER, 3/4"

AGRE	ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	ETHANOL	WETTING	TEMPERATURE	REMARKS
		LOC A								
	F-A, B, C F0.00	HBC-091-H118 HANGER TYPE R	M-12	375930	VT-3	NDE-7 REV 0	X			
	F-A, B, C F0.00	HBC-091-H119 HANGER TYPE R	M-12	375940	VT-3	NDE-7 REV 0	X			
	F-A, B, C F0.00	HBC-091-H120 HANGER TYPE R	M-12	375950	VT-3	NDE-7 REV 0	X			
	F-A, B, C F0.00	HBC-091-H121 HANGER TYPE R	M-12	375960	VT-3	NDE-7 REV 0	X			
	F-A, B, C F0.00	HBC-091-H122 HANGER TYPE R	M-12	375970	VT-3	NDE-7 REV 0	X			
	F-A, B, C F0.00	HBC-091-H123 HANGER TYPE R	M-12	375980	VT-3	NDE-7 REV 0	X			
	F-A, B, C F0.00	HBC-091-H152 HANGER TYPE R	M-12	376130	VT-3	NDE-7 REV 0	X			
	F-A, B, C F0.00	HBC-091-H153 HANGER TYPE R	M-12	376140	VT-3	NDE-7 REV 0	X			
	F-A, B, C F0.00	HBC-091-H154 HANGER TYPE R	M-12	376150	VT-3	NDE-7 REV 0	X			

DATE: 11/11/91
DIVISION: 1

OFFICE GENERATING STATISTICAL UNIT:
INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
CLASS 2 COMPONENTS

UNIT: 10110, 10110, 10110, 10110, 10110, 10110

NAME

UNIT

ITEM NO. EXAMINATION AREA IDENTIFICATION

FIGURE SUMMARY EXAM
NUMBER NUMBER METHOD

NDE USED
PROCEDURE NO.

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REMARKS

F-A, B, C HBC-291-H155
F0.00 HANGER TYPE R

M-12 376160 VT-3

NDE-7 REV 0 X

F-A, B, C HBC-291-H169
F0.00 HANGER TYPE R

M-12 376220 VT-3

NDE-7 REV 2 X

F-A, B, C HBC-291-H170
F0.00 HANGER TYPE R

M-12 376130 VT-3

NDE-7 REV 0 X

F-A, B, C HBC-182-H001
F0.00 HANGER TYPE R

M-12 376250 VT-3

NDE-7 REV 0 X

F-A, B, C HBC-280-H001
F0.00 HANGER TYPE R

M-12 376270 VT-3

NDE-7 REV 0 X

F-A, B, C HBC-280-H003
F0.00 HANGER TYPE R

M-12 376290 VT-3

NDE-7 REV 0 X

F-A, B, C HBC-280-H004
F0.00 HANGER TYPE R

M-12 376300 VT-3

NDE-7 REV 0 X

F-A, B, C HBC-280-H006
F0.00 HANGER TYPE R

M-12 376320 VT-3

NDE-7 REV 0 X

F-A, B, C HBC-280-H007
F0.00 HANGER TYPE R

M-12 376330 VT-3

NDE-7 REV 0 X

DATE: 08/22/11
REVISION: 1

LINEATION GENERATING STATION UNIT
INSERVICE EXAMINATION SUMMARY FOR THE FIRST INITIAL, SECOND PERIOD (1990)
CLASS 3 COMPONENTS

PAGE: 74

~~REVISION: 08/22/11, INSERVICE 08/23/11~~

NAME	WELD NUMBER AND/OR	FIGURE SUMMARY	EXAM	USE USED	CHECKED	REVIEWED	APPROVED	REMARKS
STEP NO	EXAMINATION AREA IDENTIFICATION	NUMBER	NUMBER	METHOD	PROCEDURE NO.	X	X	X
7-A, B, C 7-B.00	HBC-200-R012 HANGER TYPE R	M-12	376346	VT-3	NDE-7 REV 2	X		

DATE: 10/10/91
REVISION: 1

VERMONT GENERATING STATION UNIT 1
INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERIM, SECOND PERIOD 1990
CLASS 1 COMPONENTS

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CLASSIFICATION: CLASS 1 - COMPONENTS

NOTE	FIGURE NO.	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINATION DATE	EXAMINER	REMARKS
7-A, B, C FC.00 HANGER TYPE R	Y-12	375358	VT-3	NDE-7 REV 0	X				ADDED DUE TO DISCREPANCY FOUND ON EBB-1.26-82--825
7-A, B, C FC.00 HANGER TYPE R	Y-12	375395	VT-3	NDE-7 REV 0	Z				

DATE: 02/12/91
REVISED:

OPERATION GENERATING STATION UNIT 1
INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
PAGE 2 COMPONENTS

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UNCLASSIFIED CONTROL ROOMS, CONTROL ROOMS

ITEM NO	EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	1. VISUAL 2. DYE PENETRATION 3. MAGNETIC PARTICLES 4. RADIATION 5. ULTRASONIC	REMARKS
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1-1	GROUP A TYPE R	M-12	376403	V7-	NDE-7 REV 2	X	
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DATE: 05/12/91
 DIVISION: 2

OPERATOR GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 3 COMPONENTS

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ISSUED: 05/12/91 BY: 201122 AF128 JBA

NAME UNIT ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINATION METHOD CLASSIFICATION	REMARKS
F-A, B, C FB.00	^{DDP 8} HBC-500-H001 HANGER TYPE R	M-12	376415	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-500-H003 HANGER TYPE V	M-12	376430	VT-3 VT-4	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-506-H004 HANGER TYPE R	M-12	376440	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	^{DDP 8} HBC-091-H003 HANGER TYPE R	M-12	379400	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-091-H16C HANGER TYPE R	M-12	379420	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-091-H171 HANGER TYPE R	M-12	379460	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-091-H174 HANGER TYPE M	M-12	379480	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-507-H002 HANGER TYPE R	M-12	379510	VT-3	NDE-7 REV 0	X	
F-A, B, C FB.00	HBC-507-H163 HANGER TYPE R	M-12	379540	VT-3	NDE-7 REV 0	X	ADDED DUE TO DISCREPENCY FOUND ON EBB-100-02-H005

DATE: 03/12/91
 REVISION: 1

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 2 COMPONENTS

SECTION 1007 SERVICE WATER 386

ASME SEC. XI ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N D E C O D E S P E C I F I C A T I O N	RE M A R K S
7-A, B, C P8.00	DCP NA ABC-527-H171 RANGER TYPE R	M-12	379570	VT-3	NDE-7 REV 0	X	
D-A, B D1, 2, 30	PIPE ATTACHMENTS SBC-103-H003 (1A) 12 LUGS, 3X2X5	M-51	379640	VT-3	NDE-7 REV 0	X	
D-A, B D1, 2, 30	SBC-103-H004 (1A) 4 LUGS, 3.8X1X3	M-51	379650	VT-3	SWI-30 REV 2	X	
D-A, B D1, 2, 30	ABC-091-H170 (1A) 3 LUGS, 2X2.1X7	M-12	379750	VT-3	NDE-7 REV 0	X	
D-A, B D1, 2, 30	ABC-091-H174 (1A) SLEEVE, .63 PLATE	M-12	379760	VT-3	NDE-7 REV 0	X	
D-A, B D1, 2, 30	ABC-280-H004 (1A) 16 LUGS, 3X2X5.5	M-12	379840	VT-3	NDE-7 REV 0	X	

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LIMERICK GENERATING STATION UNIT 1
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REACTOR PRESSURE VESSEL

ASME SEC. XI CATBY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R	O R	D E G T E	R C E H P	E O O E O	C R M R R	REMARKS
B-6-2 B7.80	PRESSURE RETAINING BOLTING CRD BOLTING BOLTS, STUDS, NUTS	M-41	600000	VT-1	NDE-7 REV 0	X	X	X				NOREC-10-23, 14-19, 14-31, 22-47, 26-03, 26-11, 30-23, 30-35, 30-55, 34-23, 34-27, 34-31, 34-39, 38-07, 38-31, 38-35, 42-19, 46-11, 46-39, 54-31; RECOR-18-55, 22-39, 26-27; REPOR-14-23, 18-43, 22-11, 30-23, 36-39 SEE NIS-2 NO. XI-L1-90-64

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AMERICAN GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
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ASME SEC. XI CATY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	BY REVISION	BY REVISION	BY REVISION	BY REVISION	REMARKS
B-E B4.11	PARTIAL PEN. WELDS N12 CORE DIFF PRESS & LIG CONT NOZZ	BE-2, BN	601612	VT-2	ST-4-041-950-1	X				
B-E B4.12	CRD STUB TUBE TO RPY 185 CRD HOUSING	BE-3, BE-5, BN	601620	VT-2	ST-4-041-950-1	X				
B-E B4.12	STUB TUBE/CRD HOUSNG 185 CRD HOUSINGS	BE-3, BE-5, BN	601630	VT-2	ST-4-041-950-1	X				
B-E B4.13	INCORE HOUSING/ RPY 85 INCORE DETECTORS	BE-4, BE-5, BN	601640	VT-2	ST-4-041-950-1	X				
B-E B4.13	N11A INSTRUMENTATION NOZZLE	BE-1, BN	601650	VT-2	ST-4-041-950-1	X				
B-E B4.13	N11B INSTRUMENTATION NOZZLE	BE-1, BN	601660	VT-2	ST-4-041-950-1	X				
B-E B4.13	N12A INSTRUMENTATION NOZZLE	BE-1, BN	601670	VT-2	ST-4-041-950-1	X				
B-E B4.13	N12B INSTRUMENTATION NOZZLE	BE-1, BN	601680	VT-2	ST-4-041-950-1	X				
B-E B4.13	N12C INSTRUMENTATION NOZZLE	BE-1, BN	601690	VT-2	ST-4-041-950-1	X				

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ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	CAPACITOR	PROBE	EXAM	RECORD	REMARKS
84.13	<u>PARTIAL PEN. WELDS</u> N16B INSTRUMENTATION NOZZLE	BE-1,	601700	VT-2	BN	ST-4-841-950-1	X			
84.13	N16A INSTRUMENTATION NOZZLE	BE-1,	601710	VT-2	BN	ST-4-841-950-1	X			
84.13	N16B INSTRUMENTATION NOZZLE	BE-1,	601720	VT-2	BN	ST-4-841-950-1	X			
84.13	N16C INSTRUMENTATION NOZZLE	BE-1,	601730	VT-2	BN	ST-4-841-950-1	X			
84.13	N16D INSTRUMENTATION NOZZLE	BE-1,	601740	VT-2	BN	ST-4-841-950-1	X			
86-01	NOZZLE TO SAFE END VRR-1RD-1A NEM (AUGST) RECIRC. INLET LOOP A	BF, BF -2, B	601940	VOL		UT-PE-001 REV 0 & SUPP. 2 REV 2 ESD-UT-2 REV 1	X X X X X X X X X X X X			EXAM PERFORMED AS A RESULT OF INDICATIONS IDENTIFIED DURING THE PREVIOUS OUTAGE. THE ORIGINAL INDICATION WAS CONFIRMED WITH AN ADDITIONAL 1.6" OF CIRCUMFERENTIAL LENGTH AND A NEW MAX DEPTH OF 0.47"
85.20	RPV-11N N12A INSTRUMENT NOZZLE	BE-1, BF, B	602140	SUR		LP-PE-001 REV 3	X			
85.20	RPV-11N N12B INSTRUMENT NOZZLE	BE-1, BF, B	602150	SUR		LP-PE-001 REV 3	X			

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LIMERICK GENERATING STATION UNIT 1
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ASME SEC. XI CLASS ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINED X	RECORDED X	REPORTED X	REMARKS
3-F 85.20	NOZZLE TO SAFE END RPV-11N N120 INSTRUMENT NOZZLE	BE-1, BF, B	602160	SUR	LP-PE-001 REV 3 X				
3-F 85.20	RPV-11N N120 INSTRUMENT NOZZLE	BE-1, BF, B	602170	SUR	LP-PE-001 REV 3 X				
B-G-2 87.10	BOLTING 2" DIA. & SMALLER N6B FLANGE BOLTING 12 STD 24 NUTS	160-83 B-18, F-5	602400	VT-1	NDE-7, REV 0			X	SEE NIS-2 NO. XI-L1-90-76
B-G-2 87.10	N7 FLANGE BOLTING 8 STD 16 NUTS	160-83 B-18, F-7	602410	VT-1	NDE-1 REV 0			X	ACCEPTABLE CORROSION
B-H 86.10	INTEGRALLY WELDED ATTACH. STABILIZER 90 AZ. BRACKET TO RPV WELD	BN, BH -243	602460	SUR VT-1	NDE-3 REV 0 NDE-1 REV 0	X X			SURFACE EXAMINED ONLY TOP 9" OF VERTICAL WELDS AND ALL OF TOP HORIZONTAL WELD. BALANCE WAS VT-1 EXAMINED. RELIEF REQUEST TO BE SUBMITTED.
B-H 88.10	STABILIZER 135 AZ. BRACKET TO RPV WELD	BN, BH -243	602470	SUR VT-1	NDE-3 REV 0 NDE-1 REV 0	X X			SURFACE EXAMINED ONLY TOP 9" OF VERTICAL WELDS AND ALL OF TOP HORIZONTAL WELD. VT-1 PERFORMED ON ALL WELDS. RELIEF REQUEST TO BE SUBMITTED.
B-H 88.10	STABILIZER 180 AZ. BRACKET TO RPV WELD	BN, BH -243	602480	SUR VT-1	NDE-3 REV 0 NDE-1 REV 0	X X			SURFACE EXAMINED ONLY TOP 9" OF VERTICAL WELDS AND ALL OF TOP HORIZONTAL WELD. BALANCE WAS VT-1 EXAMINED. RELIEF REQUEST TO BE SUBMITTED.

ITEM NO.	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	ET/RT	PHOT	X-RAY	Ultrasonic	REMARKS
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B-J B9.40	SAFE END TO REDUCER DCA-306-J1 #1 INSTRUMENT NOZZLE N12A	BE-1 BF, B	603050	SUR	LP-PE-001 REV 3	X				
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B-J B9.40	DCA-194-J2 #1 INSTRUMENT NOZZLE N12B	BE-1 BF, B	603060	SUR	LP-PE-001 REV 3	X				
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B-J B9.40	DCA-307-J1 #1 INSTRUMENT NOZZLE N12C	BE-1 BF, B	603070	SUR	LP-PE-001 REV 3	X				
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B-J B9.40	DCA-193-J1 #1 INSTRUMENT NOZZLE N12D	BE-1 BF, B	603080	SUR	LP-PE-001 REV 3	X				
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B-N-1 B13.10	VESSEL INTERIOR SHROUD ANNULUS SURFACE	BN-4	603130	VT-3	NDE-8 REV 1		X			
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B-N-1 B13.10	ACCESS HOLE 0 AZ. COVER & WELD	BN-4	603140	VT-1 VT-3	NDE-8 REV 1		X			
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B-N-1 B13.10	ACCESS HOLE 180 AZ. COVER & WELD	BN-4	603150	VT-1 VT-3	NDE-8 REV 1		X			
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B-N-2 B13.22	CORE SUPPORT STRUCTURE CYLINDER-SUPT WELD SHROUD SUPPORT WELD	BN-10	603160	VT-3	NDE-8 REV 1		X			
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CLERMONT GENERATING STATION UNIT 1
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ASME SEC. XI CAT. 1	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	CODE USED PROCEDURE NO.	CRACK CORRECTED	WELD REWORKED	REWORK REMOVED	REMARKS
B-N-8 B13.22	CORE SUPPORT STRUCTURE SUPPORT PLATE-CYLINDR SHROUD SUPPORT WELD	BN-10	603170	VT-3	NDE-B REV 1	X			
B-N-8 B13.22	SUPPORT PLATE-RPV SHROUD SUPPORT WELD	BN-10	603180	VT-3	NDE-B REV 1	X			
B-N-1+ B13.10	VESSEL INTERIOR JP#1 JET PUMP ASSEMBLIES & WELDS	BN-4	603190	VT-3	NDE-B REV 1	X			
IEB 80-07	JP#1 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603200	VT-1	NDE-B REV 1	X			
B-N-1+ B13.10	JP#1 INSTR. LINE WELDS TO PENETRATION N&A	BN-3	603210	VT-3	NDE-B REV 1	X			
FSAR 73.2-1	JP#1 INST LINE (AUG) WELDS/BRACKETS-SHROUD ANNULUS	BN-3	603220	VT-3	NDE-B REV 1	X			
B-N-1+ B13.10	JP#2 JET PUMP ASSEMBLIES & WELDS	BN-4	603230	VT-3	NDE-B REV 1	X			
IEB 80-07	JP#2 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603240	VT-1	NDE-B REV 1	X			
B-N-1+ B13.10	JP#2 INSTR. LINE WELDS TO PENETRATION N&A	BN-3	603250	VT-3	NDE-B REV 1	X			

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LIMERICK GENERATING STATION UNIT 1
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ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	COMPLETION DATE	REVISION	REMARKS
B-N-1+ B13.1	VESSEL INTERIOR JP#3 INST LINE (AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603260	VT-3	NDE-B REV 1	X		
B-N-2 B13.22	INTERIOR ATTACH. BELTLINE JP#1/#2 RISER ARM SUPPORT PAD & BRACE TO RIV WELD	BAN, B N-4	603270	VT-1	NDE-B REV 1	X		
B-N-1+ B13.10	VESSEL INTERIOR JP#3 JET PUMP ASSEMBLIES & WELDS	BN-4	603280	VT-3	NDE-B REV 1	X		
IEB 80-07	JP#3 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603290	VT-1	NDE-B REV 1	X		
B-N-1+ B13.10	JP#3 INSTR. LINE WELDS TO PENETRATION N8A	BN-3	603300	VT-3	NDE-B REV 1	X		
FSAR T3.2-1	JP#3 INST LINE (AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603310	VT-3	NDE-B REV 1	X		
B-N-1+ B13.10	JP#4 JET PUMP ASSEMBLIES & WELDS	BN-4	603320	VT-3	NDE-B REV 1	X		
IEB 80-07	JP#4 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603330	VT-1	NDE-B REV 1	X		

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LINE NO.	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINER	REVIEWER	DATE	REMARKS
B-N-1+ B13.10	VESSEL INTERIOR JP#4 INSTR. LINE WELDS TO PENETRATION NGA	BN-3	603340	VT-3	NDE-B REV 1	X			
FSAR T3.2-1	JP#4 INST LINE (AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603350	VT-3	NDE-B REV 1	X			
B-N-2 B13.20	INTERIOR ATTACH. BELTLINE JP#3/4 RISER ARM SUPPORT PAD & BRACE TO RPV WELD	BNN, B N-4	603360	VT-1	NDE-B REV 1	X			
B-N-1+ B13.10	VESSEL INTERIOR JP#5 JET PUMP ASSEMBLIES & WELDS	BN-4	603370	VT-3	NDE-B REV 1	X			
IEB S0-07	JP#5 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603380	VT-1	NDE-B REV 1	X			
B-N-1+ B13.10	JP#5 INSTR. LINE WELDS TO PENETRATION NGA	BN-3	603390	VT-3	NDE-B REV 1	X			
FSAR T3.2-1	JP#5 INST LINE (AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603400	VT-3	NDE-B REV 1	X			
B-N-1+ B13.10	JP#6 JET PUMP ASSEMBLIES & WELDS	BN-4	603410	VT-3	NDE-B REV 1	X			

ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	VT-1	VT-2	VT-3	REMARKS
IEB 80-07	<u>VESSEL INTERIOR</u> JP#6 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603432	VT-1	NDE-B REV 1	X			
B-N-1+ B13.10	JP#6 INSTR. LINE WELDS TO PENETRATION NBA	BN-3	603430	VT-2	NDE-B REV 1	X			
FSAR T3.2-1	JP#6 INST LINE (AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603440	VT-3	NDE-B REV 1	X			
B-N-2 B13.00	<u>INTERIOR ATTACH. BELTLINE</u> JP#5/#6 RISER ARM SUPPORT PAD & BRACE TO RPV WELD	BN, B N-4	603450	VT-1	NDE-B REV 1	X			
B-N-1+ B13.10	<u>VESSEL INTERIOR</u> JP#7 JET PUMP ASSEMBLIES & WELDS	BN-4	603460	VT-3	NDE-B REV 1	X			
IEB 80-07	JP#7 HOLD DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603470	VT-1	NDE-B REV 1	X			
B-N-1+ B13.10	JP#7 INSTR. LINE WELDS TO PENETRATION NBA	BN-3	603480	VT-3	NDE-B REV 1	X			
FSAR T3.2-1	JP#7 INST LINE (AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603490	VT-3	NDE-B REV 1	X			

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INTEGRATED GENERATING STATION UNIT
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NAME REQ. #1 ENTRY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMIN X	REPAIR X	REWORK X	REMARKS
B-N-1+ B13.10	VESSEL INTERIOR JP#8 JET PUMP ASSEMBLIES & WELDS	BN-4	603500	VT-3	NDE-B REV 1	X			
IEB B0-07	JP#8 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603510	VT-1	NDE-B REV 1	X			
B-N-1+ B13.10	JP#8 INSTR. LINE WELDS TO PENETRATION NGA	BN-3	603520	VT-3	NDE-B REV 1	X			
FSAR T3.2-1	JP#8 INST LINE (AUG) WELDS & BRACKETS-SAROUND ANNULUS	BN-3	603530	VT-3	NDE-B REV 1	X			
B-N-2 B13.20	INTERIOR ATTACH. BELTLINE JP#7/#8 RISER ARM SUPPORT PAD & BRACE TO RPV WELD	BNN, B N-4	603540	VT-1	NDE-B REV 1	X			
B-N-1+ B13.10	VESSEL INTERIOR JP#9 JET PUMP ASSEMBLIES & WELDS	BN-4	603550	VT-3	NDE-B REV 1	X			
IEB B0-07	JP#9 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603560	VT-1	NDE-B REV 1	X			
B-N-1+ B13.10	JP#9 INSTR. LINE WELDS TO PENETRATION NGA	BN-3	603570	VT-1	NDE-B REV 1	X			

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LOWENK GENERATING STATION UNIT
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ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINED	REWORKED	RETESTED	REMARKS
VESSEL INTERIOR									
FSAR 13.2-1	JP#9 INST. LINE (AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603560	VT-3	NDE-B REV 1	X			
B-N-1+ B13.10	JP#10 JET PUMP ASSEMBLIES & WELDS	BN-4	603590	VT-3	NDE-B REV 1	X			
IEB 80-07	JP#10 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603600	VT-1	NDE-B REV 1	X			
B-N-1+ B13.10	JP#10 INST. LINE WELDS TO PENETRATION NBR	BN-3	603610	VT-3	NDE-B REV 1	X			
FSAR 13.2-1	JP#10 INST. LINE (AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603620	VT-3	NDE-B REV 1	X			
INTERIOR ATTACH. BELTLINE									
B-N-2 B13.20	JP#9/#10 RISER ARM SUPPORT PAD & BRACE TO RPV WELD	BN, B N-4	603630	VT-1	NDE-B REV 1	X			
VESSEL INTERIOR									
B-N-1+ B13.10	JP#11 JET PUMP ASSEMBLIES & WELDS	BN-4	603640	VT-3	NDE-B REV 1	X			
IEB 80-07	JP#11 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603650	VT-1	NDE-B REV 1	X			

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WINNEDIA GENERATING STATION UNIT 1
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B-N-1+ 613.10	VESSEL INTERIOR JP#11 INSTR. LINE WELDS TO PENETRATION NBB	BN-3	603660	VT-3	NDE-B REV 1		X			
FBAR 73.2-1	JP#11 INST LINE(AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603670	VT-3	NDE-B REV 1		X			
B-N-1+ 613.10	JP#12 JET PUMP ASSEMBLIES & WELDS	BN-4	603680	VT-3	NDE-B REV 1		X			
1EB 60-07	JP#12 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603690	VT-1	NDE-B REV 1		X			
B-N-1+ 613.10	JP#12 INSTR. LINE WELDS TO PENETRATION NBB	BN-3	603700	VT-3	NDE-B REV 1		X			
FBAR 73.2-1	JP#12 INST LINE(AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603710	VT-3	NDE-B REV 1		X			
B-N-2 613.20	INTERIOR ATTACH. BELTLINE JP#11/#12 RISER ARM SUPPORT PAD & BRACE TO RPV WELD	BNN, B N-4	603720	VT-1	NDE-B REV 1		X			
B-N-1+ 613.10	VESSEL INTERIOR JP#13 JET PUMP ASSEMBLIES & WELDS	BN-4	603730	VT-3	NDE-B REV 1		X			

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AMERICA GENERATING STATION UNIT 1
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NOTE SEC. X. CLASS	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINATION METHODS	REMARKS
IEB 60-07	VESSEL INTERIOR JP#13 HOLD DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603740	VT-3	NDE-B REV 1	X	
B-N-1+ B13.10	JP#13 INSTR. LINE WELDS TO PENETRATION NGB	BN-3	603750	VT-3	NDE-B REV 1	X	
FSAR T3.2-1	JP#13 INST LINE (AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603760	VT-3	NDE-B REV 1	X	
B-N-1+ B13.10	JP#14 JET PUMP ASSEMBLIES & WELDS	BN-4	603770	VT-3	NDE-B REV 1	X	
IEB 60-07	JP#14 HOLD DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603780	VT-1	NDE-B REV 1	X	
B-N-1+ B13.10	JP#14 INSTR. LINE WELDS TO PENETRATION NGB	BN-3	603790	VT-3	NDE-B REV 1	X	
FSAR T3.2-1	JP#14 INST LINE (AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603800	VT-1	NDE-B REV 1	X	
B-N-2 B13.20	INTERIOR ATTACH. BELTLINE JP#13/#14 RISER ARM SUPPORT PAD & BRACE TO RPV WELD	BN, B N-4	603810	VT-1	NDE-B REV 1	X	
B-N-1+ B13.10	VESSEL INTERIOR JP#15 JET PUMP ASSEMBLIES & WELDS	BN-4	603820	VT-3	NDE-B REV 1	X	

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WYOMING GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD 1993.
 CLASS 1 COMPONENTS

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NAME	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	VT	UT	RT	MT	PT	ET	REMARKS
IEB 60-07	VESSEL INTERIOR JP#15 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603670	VT-1	NDE-B REV 1		X					
B-N-1+ B13.10	JP#15 INSTR. LINE WELDS TO PENETRATION NGB	BN-3	603640	VT-2	NDE-B REV 1		X					
FSAR T3.2-1	JP#15 INST LINE(AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603650	VT-3	NDE-B REV 1		X					
B-N-1+ B13.10	JP#16 JET PUMP ASSEMBLIES & WELDS	BN-4	603660	VT-3	NDE-B REV 1		X					
IEB 60-07	JP#16 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603670	VT-1	NDE-B REV 1		X					
B-N-1+ B13.10	JP#16 INSTR. LINE WELDS TO PENETRATION NGB	BN-3	603680	VT-3	NDE-B REV 1		X					
FSAR T3.2-1	JP#16 INST LINE(AUG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603690	VT-3	NDE-B REV 1		X					
B-N-2 B13.20	INTERIOR ATTACH. BELTLINE JP#15/#16 RISER ARM SUPPORT PAD & BRACE TO RPV WELD	BN-4, B N-4	603900	VT-1	NDE-B REV 1		X					
B-N-1+ B13.10	VESSEL INTERIOR JP#17 JET PUMP ASSEMBLIES & WELDS	BN-4	603910	VT-3	NDE-B REV 1		X					

LINEAR GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

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NAME SEC. A. CATEY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM. METHOD	NDE USED PROCEDURE NO.	EXAMINATION RECORDING X X X X	REMARKS
IEB 60-07	<u>VESSEL INTERIOR</u> JP#17 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603920	VT-1	NDE-B REV 1	X	
B-N-1+ 613.10	JP#17 INSTR. LINE WELDS TO PENETRATION N6B	BN-3	603930	VT-3	NDE-B REV 1	X	
FSAR 73.2-1	JP#17 INST LINE(AG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603940	VT-3	NDE-B REV 1	X	
B-N-1+ 613.10	JP#18 JET PUMP ASSEMBLIES & WELDS	BN-4	603950	VT-3	NDE-B REV 1	X	
IEB 60-07	JP#18 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	603960	VT-1	NDE-B REV 1	X	
B-N-1+ 613.10	JP#18 INSTR. LINE WELDS TO PENETRATION N6B	BN-3	603970	VT-3	NDE-B REV 1	X	
FSAR 73.2-1	JP#18 INST LINE(AG) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	603980	VT-3	NDE-B REV 1	X	
B-N-2 613.20	<u>INTERIOR ATTACH. BELTLINE</u> JP#17/#18 RISER ARM SUPPORT PAD & BRACE TO RPV WELD	BN, B N-4	603990	VT-1	NDE-B REV 1	X	
B-N-1+ 613.10	<u>VESSEL INTERIOR</u> JP#19 JET PUMP ASSEMBLIES & WELDS	BN-4	604000	VT-3	NDE-B REV 1	X	

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LIBERTY GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE TRUSS MEMBER, SECOND PERIOD (1992)
 WAREHOUSE COMPONENTS

WELD ID	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	CRACKS	REPAIRS	REWORK	REMARKS
IEB 60-07	VESSEL INTERIOR JP#19 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	604010	VT-1	NDE-B REV 1	X			
B-N-1+ 813.10	JP#19 INSTR. LINE WELDS TO PENETRATION NBB	BN-3	604020	VT-3	NDE-B REV 1	X			
FSAR 73.2-1	JP#19 INST. LINE (AUB) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	604030	VT-3	NDE-B REV 1	X			
B-N-1+ 813.10	JP#20 JET PUMP ASSEMBLIES & WELDS	BN-4	604040	VT-3	NDE-B REV 1	X			
IEB 60-07	JP#20 HOLD-DOWN ASSY BEAM & RESTRAINER ASSEMBLIES	BN-4	604050	VT-1	NDE-B REV 1	X			
FSAR 73.2-1	JP#20 INST. LINE (AUB) WELDS & BRACKETS-SHROUD ANNULUS	BN-3	604070	VT-3	NDE-B REV 1	X			
B-N-2 813.20	INTERIOR ATTACH. BELTLINE JP#19/#20 RISER ARM SUPPORT PAD & BRACE TO RPV WELD	BN4, N-4	B 604080	VT-1	NDE-B REV 1	X			
B-N-1 813.10	VESSEL INTERIOR JPCI COUPLING (N17A) JPCI LOOP B	BN4, N-14	B 604090	VT-3	NDE-B REV 1	X			

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CLERMONT GENERATING STATION UNIT 4
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

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DATE	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINER	REVIEWER	APPROVER	REMARKS
8-N-1 8.3.10	VESSEL INTERIOR LPCI COUPLING (N17D) LPCI LOOP C	BNN, B 604100 N-14	VT-3	NDE-B REV 1	X			
8-N-1 8.3.10	LPCI COUPLING (N17D) LPCI LOOP A	BNN, B 604110 N-14	VT-3	NDE-B REV 1	X			
8-N-1 8.3.10	LPCI COUPLING (N17D) LPCI LOOP C	BNN, B 604120 N-14	VT-3	NDE-B REV 1	X			
8-N-2 8.3.20	INTERIOR ATTACH. BELTLINE N16A INSTRUMENTATION NOZZLE	BN, BE 604130 -1	VT-1	NDE-B REV 1	X			
8-N-2 8.3.20	N16B INSTRUMENTATION NOZZLE	BN, BE 604140 -1	VT-1	NDE-B REV 1	X			
8-N-2 8.3.20	N16C INSTRUMENTATION NOZZLE	BN, BE 604150 -1	VT-3	NDE-B REV 1	X			
8-N-2 8.3.20	N16D INSTRUMENTATION NOZZLE	BN, BE 604160 -1	VT-1	NDE-B REV 1	X			
8-N-14 8.3.10	VESSEL INTERIOR A D/S SPARGER UPPER SPARGER ASSY. & BRKTS	BN-B 604170	VT-1	NDE-B REV 1	X			IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3

LINEAR GENERATING STATION UNIT
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1993)
 CLASS 1 COMPONENTS

WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	CP-200-12	CP-200-13	CP-200-14	CP-200-15	REMARKS
VESSEL INTERIOR 1EB A C/S SPARGER (AUG) 80-13 UPPER SPARGER ASSY. & BRKTS	BN-8	604180	VT-1	NDE-8 REV 1	X				
B-N-1+ A C/S DOWNCOMER 813.10 PIPE ASSY., HDR TO SPARGER	BN-8	604190	VT-1	NDE-8 REV 1	X				IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB A C/S DOWNCOMER (AUG) 80-13 PIPE ASSY., HDR TO SPARGER	BN-8	604200	VT-1	NDE-8 REV 1	X				
B-N-1+ C C/S SPARGER 813.10 UPPER SPARGER ASSY. & BRKTS	BN-8	604210	VT-1	NDE-8 REV 1	X				IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB C C/S SPARGER (AUG) 80-13 UPPER SPARGER ASSY. & BRKTS	BN-8	604220	VT-1	NDE-8 REV 1	X				
B-N-1+ C C/S DOWNCOMER 813.10 PIPE ASSY., HDR TO SPARGER	BN-8	604230	VT-1	NDE-8 REV 1	X				IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB C C/S DOWNCOMER (AUG) 80-13 PIPE ASSY., HDR TO SPARGER	BN-8	604240	VT-1	NDE-8 REV 1	X				
B-N-1+ A & C C/S HEADER 813.10 PIPE ASSY. & BRACKETS	BN-8	604250	VT-1	NDE-8 REV 1	X				IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB A & C C/S HEADER (AUG) 80-13 PIPE ASSY. & BRACKETS	BN-8	604260	VT-1	NDE-8 REV 1	X				

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 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS: EQUIPMENTS

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REF	WELD NUMBER AND/OR FIGURE NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER METHOD	EXAM METHOD	NDE USED PROCEDURE NO.	CORRECT X N	REJECT X N	REWORK X N	REVIEW X N	REMARKS
	<u>INTERIOR ATTACHMENT</u>								
B-N-2+ B13.21	C/S BRACKET 15 AZ A&C HEADER BRKT POSTS & WELDS	BNN, B 604270 N-8	VT-1	NDE-B REV 1	X				IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB 60-13	C/S BRACKET 15 AZ A&C HEADER BRKT POSTS & WELDS	BNN, B 604280 N-8	VT-1	NDE-B REV 1	X				
B-N-2+ B13.21	C/S BRACKET 165 AZ A&C HEADER BRKT POSTS & WELDS	BNN, B 604290 N-8	VT-1	NDE-B REV 1	X				IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB 60-13	C/S BRACKET 165 AZ A&C HEADER BRKT POSTS & WELDS	BNN, B 604300 N-8	VT-1	NDE-B REV 1	X				
B-N-2+ B13.21	C/S BRACKET 112 AZ A&C RADIAL BRKT POST & WELD	BNN, B 604310 N-8	VT-1	NDE-B REV 1	X				IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB 60-13	C/S BRACKET 112 AZ A&C RADIAL BRKT POST & WELD	BNN, B 604320 N-8	VT-1	NDE-B REV 1	X				
B-N-2+ B13.21	C/S BRACKET 85 AZ A&C VERTICAL BRKT POST & WELD	BNN, B 604330 N-8	VT-1	NDE-B REV 1	X				IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB 60-13	C/S BRACKET 85 AZ A&C VERTICAL BRKT POST & WELD	BNN, B 604340 N-8	VT-1	NDE-B REV 1	X				
	<u>VESSEL INTERIOR</u>								
B-N-1+ B13.12	C/S SPARGER LOWER SPARGER ASSY. & BRKTS	BN-8 604350	VT-1	NDE-B REV 1	X				IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

ASME SEC. XI CARTY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINATION RECORDED	EXAMINATION METHOD	EXAMINATION RECORDED	REMARKS
1EB 60-13	VESSEL INTERIOR B C/S SPARGER LOWER SPARGER ASSY. & BRKTS	8N-8	604360	VT-1	NDE-8 REV 1	X			
B-N-1+ B13.10	B C/S DOWNCOMER PIPE ASSY., HDR TO SPARGER	8N-8	604370	VT-1	NDE-8 REV 1	X			IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB 60-13	B C/S DOWNCOMER PIPE ASSY., HDR TO SPARGER	8N-8	604380	VT-1	NDE-8 REV 1	X			
B-N-1+ B13.10	D C/S SPARGER LOWER SPARGER ASSY. & BRKTS	8N-8	604390	VT-1	NDE-8 REV 1	X			IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB 60-13	D C/S SPARGER LOWER SPARGER ASSY. & BRKTS	8N-8	604400	VT-1	NDE-8 REV 1	X			
B-N-1+ B13.10	D C/S DOWNCOMER PIPE ASSY., HDR TO SPARGER	8N-8	604410	VT-1	NDE-8 REV 1	X			IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB 60-13	D C/S DOWNCOMER PIPE ASSY., HDR TO SPARGER	8N-8	604420	VT-1	NDE-8 REV 1	X			
B-N-1+ B13.10	B & D C/S HEADER PIPE ASSY. & BRACKETS	8N-8	604430	VT-1	NDE-8 REV 1	X			IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB 60-13	B & D C/S HEADER PIPE ASSY. & BRACKETS	8N-8	604440	VT-1	NDE-8 REV 1	X			

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LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SERVICE PERIOD 1990.
 CLASS 1 COMPONENTS

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ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	CRACKS	DISCRIMINATION	REMARKS
8-N-2+ 813.21	INTERIOR ATTACHMENT C/S BRACKET 195 AZ B&D HEADER BRKT POSTS & WELDS	BNN, B 604450	N-8	VT-1	NDE-B REV 1	X		IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB 60-13	C/S BRACKET 195 AZ B&D HEADER BRKT POSTS & WELDS	BNN, B 604460	N-8	VT-1	NDE-B REV 1	X		
8-N-2+ 813.21	C/S BRACKET 345 AZ B&D HEADER BRKT POSTS & WELDS	BNN, B 604470	N-8	VT-1	NDE-B REV 1	X		IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB 60-13	C/S BRACKET 345 AZ B&D HEADER BRKT POSTS & WELDS	BNN, B 604480	N-8	VT-1	NDE-B REV 1	X		
8-N-2+ 813.21	C/S BRACKET 247 AZ B&D RADIAL BRKT POST & WELD	BNN, B 604490	N-8	VT-1	NDE-B REV 1	X		IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB 60-13	C/S BRACKET 247 AZ B&D RADIAL BRKT POST & WELD	BNN, B 604500	N-8	VT-1	NDE-B REV 1	X		
8-N-2+ 813.21	C/S BRACKET 274 AZ B&D VERTICAL BRKT POST & WELD	BNN, B 604510	N-8	VT-1	NDE-B REV 1	X		IWA-2240 CREDIT FOR SUPERIOR EXAM TO VT-3
1EB 60-13	C/S BRACKET 274 AZ B&D VERTICAL BRKT POST & WELD	BNN, B 604520	N-8	VT-1	NDE-B REV 0	X		
FSAR+ T3.2-1	VESSEL INTERIOR N4A F# SPARGER SPARGER ASSEMBLY & (4) BRACKETS	BH-9	604530	VT-3	NDE-B REV 1	X		

LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS : COMPONENTS

ASME SECTION	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINATION PERIOD	EXAM METHOD	EXAM PERIOD	REMARKS
B-N-2 B13.21	INTERIOR ATTACHMENT N4A BRACKET 5 AZ BRACKET & WELD TO RPV	BNN,	B 604550	VT-3 N-9	NDE-8 REV 1		X		
B-N-2 B13.21	N4A BRACKET 55 AZ BRACKET & WELD TO RPV	BNN,	B 604560	VT-3 N-9	NDE-8 REV 1		X		
FSAR+ T3.2-1	VESSEL INTERIOR N4B FW SPARGER SPARGER ASSEMBLY & (4) BRACKETS	BNN-9	604570	VT-3	NDE-8 REV 1		X		
B-N-2 B13.21	INTERIOR ATTACHMENT N4B BRACKET 55 AZ BRACKET & WELD TO RPV	BNN,	B 604590	VT-3 N-9	NDE-8 REV 1		X		
B-N-2 B13.21	N4B BRACKET 115 AZ BRACKET & WELD TO RPV	BNN,	B 604600	VT-3 N-9	NDE-3 REV 1		X		
FSAR+ T3.2-1	VESSEL INTERIOR N4C FW SPARGER SPARGER ASSEMBLY & (4) BRACKETS	BNN-9	604610	VT-3	NDE-8 REV 1		X		
B-N-2 B13.21	INTERIOR ATTACHMENT N4C BRACKET 125 AZ BRACKET & WELD TO RPV	BNN,	B 604630	VT-3 N-9	NDE-8 REV 1		X		

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UNION GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERNAL SECOND PERIOD (1992)
 CLASS 1 COMPONENTS

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ASME SECTION CLASS	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER METHOD	EXAM METHOD	NDE USED PROCEDURE NO.	VT-3	VT-2	VT-1	VT-0	REMARKS
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B-N-2 B13.21	INTERIOR ATTACHMENT N40 BRACKET 175 AZ BRACKET & WELD TO RPV	BNN, B N-9	604640 VT-3	NDE-B REV 1	X				
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FSAR+ T3.2-1	VESSEL INTERIOR N40 FW SPARGER SPARGER ASSEMBLY & (4) BRACKETS	BN-9	604650 VT-3	NDE-B REV 1	X				
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B-N-2 B13.21	INTERIOR ATTACHMENT N40 BRACKET 185 AZ BRACKET & WELD TO RPV	BNN, B N-9	604670 VT-3	NDE-B REV 1	X				
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B-N-2 B13.21	N40 BRACKET 235 AZ BRACKET & WELD TO RPV	BNN, B N-9	604680 VT-3	NDE-B REV 1	X				
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FSAR+ T3.2-1	VESSEL INTERIOR N42 FW SPARGER SPARGER ASSEMBLY & (4) BRACKETS	BN-9	604690 VT-3	NDE-B REV 1	X				
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B-N-2 B13.21	INTERIOR ATTACHMENT N42 BRACKET 245 AZ BRACKET & WELD TO RPV	BNN, B N-9	604710 VT-3	NDE-B REV 1	X				
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B-N-2 B13.21	N42 BRACKET 295 AZ BRACKET & WELD TO RPV	BNN, B N-9	604720 VT-3	NDE-B REV 1	X				
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LIMERICK GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

ASME SECTION XI CATEGORY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	EXAMINED	REWORKED	RETESTED	REWORKED	RETESTED	REMARKS
FSAR- 13.2-1	VESSEL INTERIOR N4F FW SPARGER SPARGER ASSEMBLY & (4) BRACKETS	BN-9	604730	VT-3	NDE-B REV 1	X					
B-N-2 B13.21	INTERIOR ATTACHMENT N4F BRACKET 305 AZ BRACKET & WELD TO RPV	BNN, B N-9	604730	VT-3	NDE-B REV 1	X					
B-N-2 B13.21	N4F BRACKET 355 AZ BRACKET & WELD TO RPV	BNN, B N-9	604760	VT-3	NDE-B REV 1	X					
FSAR- 13.2-1	VESSEL INTERIOR SAMPLE HLDR 30 AZ EMBRITTLMENT SAMPLE HOLDER	BN-12	604770	VT-3	NDE-B REV 1	X					
B-N-2 B13.20	INTERIOR ATTACH. BELTLINE U SAMPLE BRKT 30 AZ BRACKET & WELD TO RPV	BNN, B N-12	604780	VT-1	NDE-B REV 1	X					
B-N-2 B13.20	U SAMPLE BRKT 30 AZ BRACKET & WELD TO RPV	BNN, B N-12	604790	VT-1	NDE-B REV 1	X					
FSAR- 13.2-1	VESSEL INTERIOR SAMPLE HLDR 120 AZ EMBRITTLMENT SAMPLE HOLDER	BN-12	604800	VT-3	NDE-B REV 1	X					

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LINEAR GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1992)
 LEAD 1 COMPONENTS

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NAME	SEC. NO.	DATE	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	RECEIVED	REVIEWED	RECEIVED	REVIEWED	REMARKS
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B-N-2 B13.20			INTERIOR ATTACH. BELTLINE U SAMPLE BRKT 120 AZ BRACKET & WELD TO RPV	BNN, B N-12	B 604810	VT-1	NDE-B REV 1	X				
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B-N-2 B13.20			J SAMPLE BRKT 120 AZ BRACKET & WELD TO RPV	BNN, B N-12	B 604820	VT-1	NDE-B REV 1	X				
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FSAR T3.2-1			VESSEL INTERIOR SAMPLE Hldr 300 AZ EMBRIITLEMENT SAMPLE HOLDER	BN-12	604830	VT-3	NDE-B REV 1	X				
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B-N-2 B13.20			INTERIOR ATTACH. BELTLINE U SAMPLE BRKT 300 AZ BRACKET & WELD TO RPV	BNN, B N-12	604840	VT-1	NDE-B REV 1	X				
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B-N-2 B13.20			J SAMPLE BRKT 300 AZ BRACKET & WELD TO RPV	BNN, B N-12	604850	VT-1	NDE-B REV 1	X				
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B-N-2 B13.21			INTERIOR ATTACHMENT N11A INSTRUMENTATION NOZZLE	BN, BE -1	604860	VT-3	NDE-B REV 1	X				
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B-N-2 B13.21			N11B INSTRUMENTATION NOZZLE	BN, BE -1	604870	VT-3	NDE-B REV 1	X				
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B-N-2 B13.21			N12A INSTRUMENTATION NOZZLE	BN, BE -1	604880	VT-3	NDE-B REV 1	X				
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GENERATOR GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS - COMPONENTS

UNIT	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EARM METHOD	NDE USED PROCEDURE NO.	EXAMINED	RECEIVED	RECEIVED	RECEIVED	REMARKS
B-N-2 B13.21	INTERIOR ATTACHMENT N12B INSTRUMENTATION NOZZLE	BN,	BE 604890	VT-3	NDE-B REV 1	X				
B-N-2 B13.21	N12C INSTRUMENTATION NOZZLE	BN,	BE 604900	VT-3	NDE-B REV 1	X				
B-N-2 B13.21	N12D INSTRUMENTATION NOZZLE	BN,	BE 604910	VT-3	NDE-B REV 1	X				
FSAR T3.2-1	VESSEL INTERIOR GUIDE ROD @ AZ ROD, BRACKET & ROD FLANGE	BR-11	604920	VT-3	NDE-B REV 1	X				
B-N-2 B13.21	INTERIOR ATTACHMENT G/R BRACKET @ AZ BRACKET & WELD TO RPV	BNN, N-11	B 624930	VT-3	NDE-B REV 1	X				
FSAR T3.2-1	VESSEL INTERIOR GUIDE ROD 180 AZ ROD, BRACKET & ROD FLANGE	BN-11	604940	VT-3	NDE-B REV 1	X				
B-N-2 B13.21	INTERIOR ATTACHMENT G/R BRACKET 180 AZ BRACKET & WELD TO RPV	BNN, N-11	B 604950	VT-3	NDE-B REV 1	X				

DATE: 08/14/91
 REVISION: 1

GENERATOR GENERATING STATION UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

PAGE: 105

001

ASME
 SEC. I
 SUB. 1

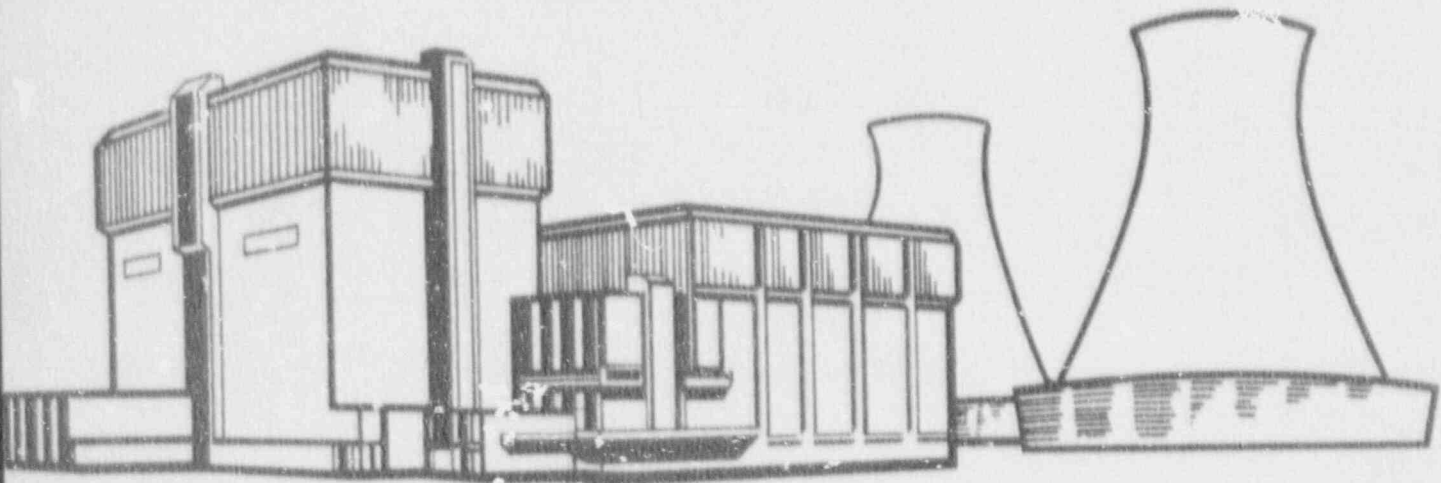
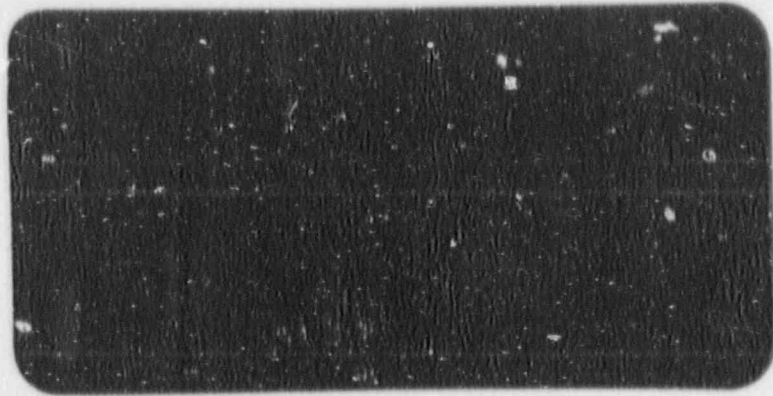
ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	CRACKS	DISINTEGRATION	REPAIRS	REMARKS
FSAR T3.2-1	<u>VESSEL INTERIOR</u> STEAM DRYER DRYER ASSY. WELDS - RFACE & LUGS	BN-1	604962	VT-1, VT-3	NDE-8 REV 1	X			VT-1 EXAM PERFORMED ON DRAIN CHANNELS PER SIL 474
B-N-2 B13.21	<u>INTERIOR ATTACHME</u> S/D BRACKET 4 AZ SUPPORT BRACKET & WELD TO RPV	BNN, P N-1	604970	VT-3	NDE-8 REV 1	X			
B-N-2 B13.21	S/D BRACKET 94 AZ SUPPORT BRACKET & WELD TO RPV	BNN, B N-1	604980	VT-3	NDE-8 REV 1	X			
B-N-2 B13.21	S/D BRACKET 184 AZ SUPPORT BRACKET & WELD TO RPV	BNN, B N-1	604990	VT-3	NDE-8 REV 1	X			
B-N-2 B13.21	S/D BRACKET 274 AZ SUPPORT BRACKET & WELD TO RPV	BNN, B N-1	605000	VT-3	NDE-8 REV 1	X			
FSAR T3.2-1	H/D BRACKET 41.5 AZ HOLD DOWN BRACKET & WELD TO RPV	BN-1	605010	VT-1	NDE-1 REV 0	X			ACCEPTABLE CORROSION
FSAR T3.2-1	H/D BRACKET 138.5 AZ HOLD DOWN BRACKET & WELD TO RPV	BN-1	605020	VT-1	NDE-1 REV 0	X			ACCEPTABLE CORROSION
FSAR T3.2-1	H/D BRACKET 221.5 AZ HOLD DOWN BRACKET & WELD TO RPV	BN-1	605030	VT-1	NDE-1 REV 0	X			ACCEPTABLE CORROSION
FSAR T3.2-1	H/D BRACKET 318.5 AZ HOLD DOWN BRACKET & WELD TO RPV	BN-1	605040	VT-1	NDE-1 REV 0	X			ACCEPTABLE CORROSION

DATE: 03/13/91
 REVISION: 2

LIMERICK GENERATING UNIT 1
 INSERVICE EXAMINATION SUMMARY FOR THE FIRST INTERVAL, SECOND PERIOD (1990)
 CLASS 1 COMPONENTS

ASME SEC. XI CATGY ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N H O R						REMARKS	
						C	R	M	R	R	R		
B-N-1 B13.10	VESSEL INTERIOR TOP GUIDE ASSEMBLY WELDS & SURFACES	BN-7	605070	VT-3	NDE-8 REV 1	X							
B-N-1 B13.10	TOP GUIDE RESTRAINT 32 WEDGES, BOLTS, & KEEPERS	BN-7	605080	VT-3	NDE-8 REV 1	X							
B-N-1+ B13.10	DRIFICE FUEL SUPPORT 185 CASTINGS BY CORE POSITION	BN-7	605100	VT-3	NDE-8 REV 1	X							POSITION 30-31 ONLY WHILE REMOVED TO FACILITATE CRB REPLACEMENTS
B-N-1 B13.10	CONTROL ROD ASSEMBLY 185 RODS BY CORE POSITION	BE-5, BN-6	605170	VT-3	NDE-8 REV 1	X							POSITION 30-31 ONLY WHILE REMOVED TO FACILITATE CRB REPLACEMENTS
B-R-2 B13.22	CORE SUPPORT STRUCTURE CONTROL ROD DRIVES 185 GUIDE TUBES & CRD HOUSINGS	BE-5, BN-6	605180	VT-3	M-47-001, REV 7	X							LOCATIONS: 10-23, 14-19, 14-23, 14-31, 18-43, 18-55, 22-11, 22-39, 22-47, 26-03, 26-11, 26-27, 30-23, 30-35, 30-55, 34-23, 34-37, 34-31, 34-39, 36-07, 38-23, 38-31, 38-35, 38-39, 42-19, 46-11, 46-39, 54-31
F-A, B, C F0.00	INTERMEDIATE MECH. CONNECT STABILZR ASSY 90 AZ STABILIZER ASSEMBLY & BRACKETS	BN, FA -2	605410	VT-3	NDE-7 REV 0	X							
F-A, B, C F0.00	STABILZR ASSY 135 AZ STABILIZER ASSEMBLY & BRACKETS	BN, FA -2	605420	VT-3	NDE-7 REV 0	X							
F-A, B, C F0.00	STABILZR ASSY 180 AZ STABILIZER ASSEMBLY & BRACKETS	BN, FA -2	605430	VT-3	NDE-7 REV 0	X							

3913040330



**LIMERICK
GENERATING
STATION**

3913040330

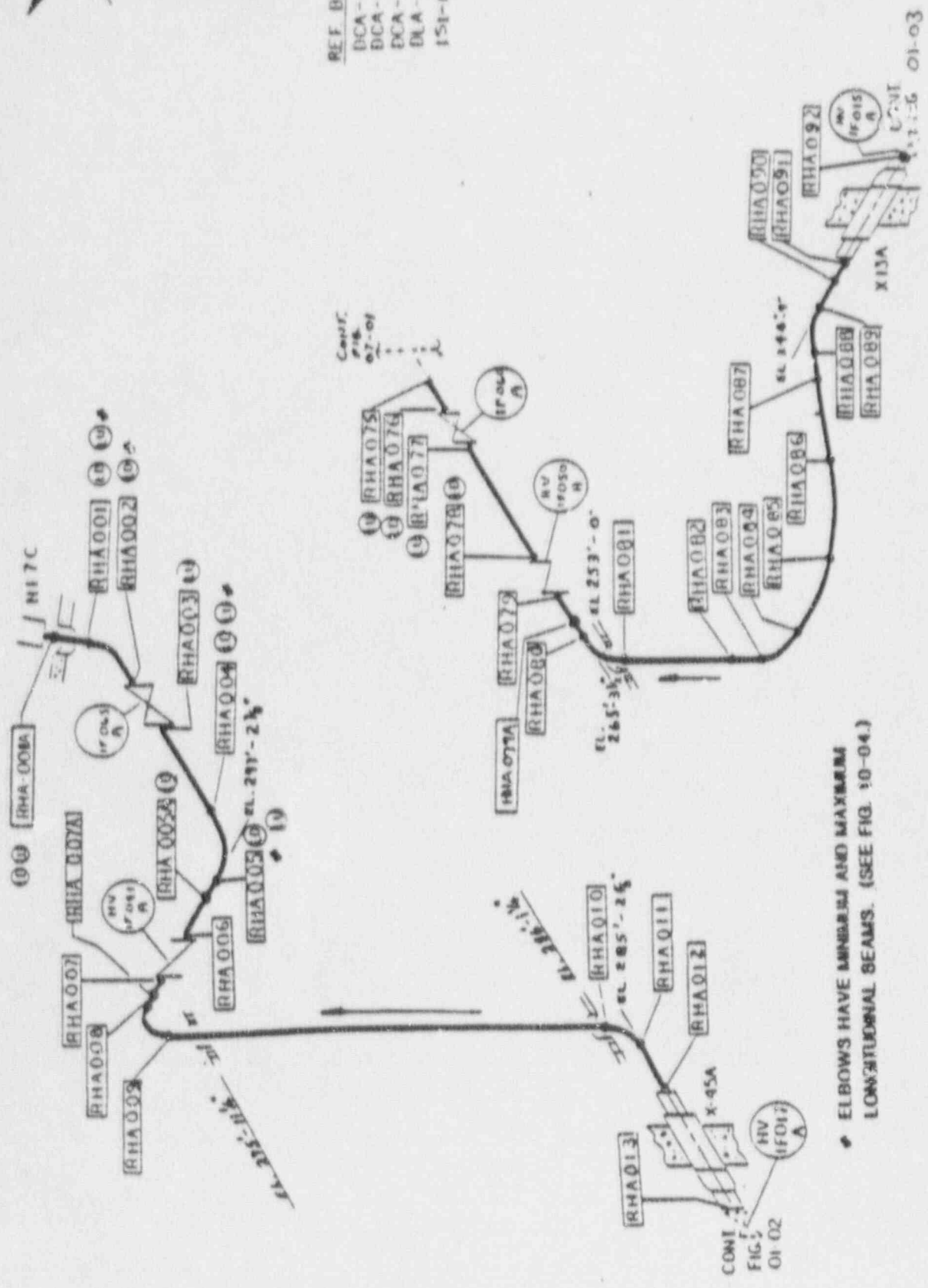
ATTACHMENT 2

REFERENCE DRAWINGS

CLASS 1 AND 2 COMPONENTS

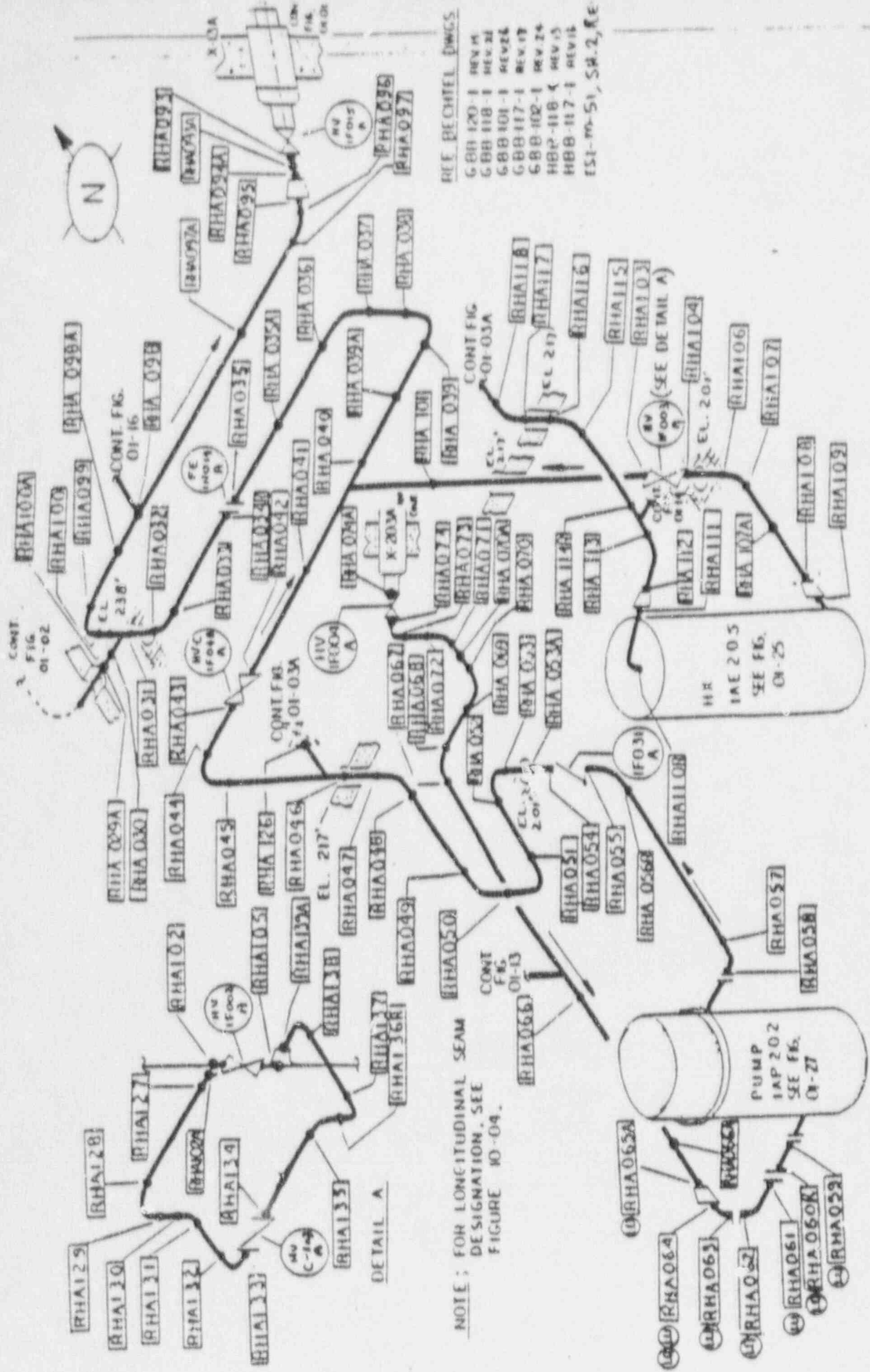


REF. BECHTEL DWGS.
 DCA-104-2 REV. 14
 DCA-104-4 REV. 4
 DCA-31E-3 REV. 15
 DLA-112-3 REV. 21
 ISI-M-51, S.M. 2, REV. 1



ELBOWS HAVE MINIMUM AND MAXIMUM LONGITUDINAL SEAMS. (SEE FIG. 10-04.)

FIGURE 01-01
 RHR LOOP A WELDS



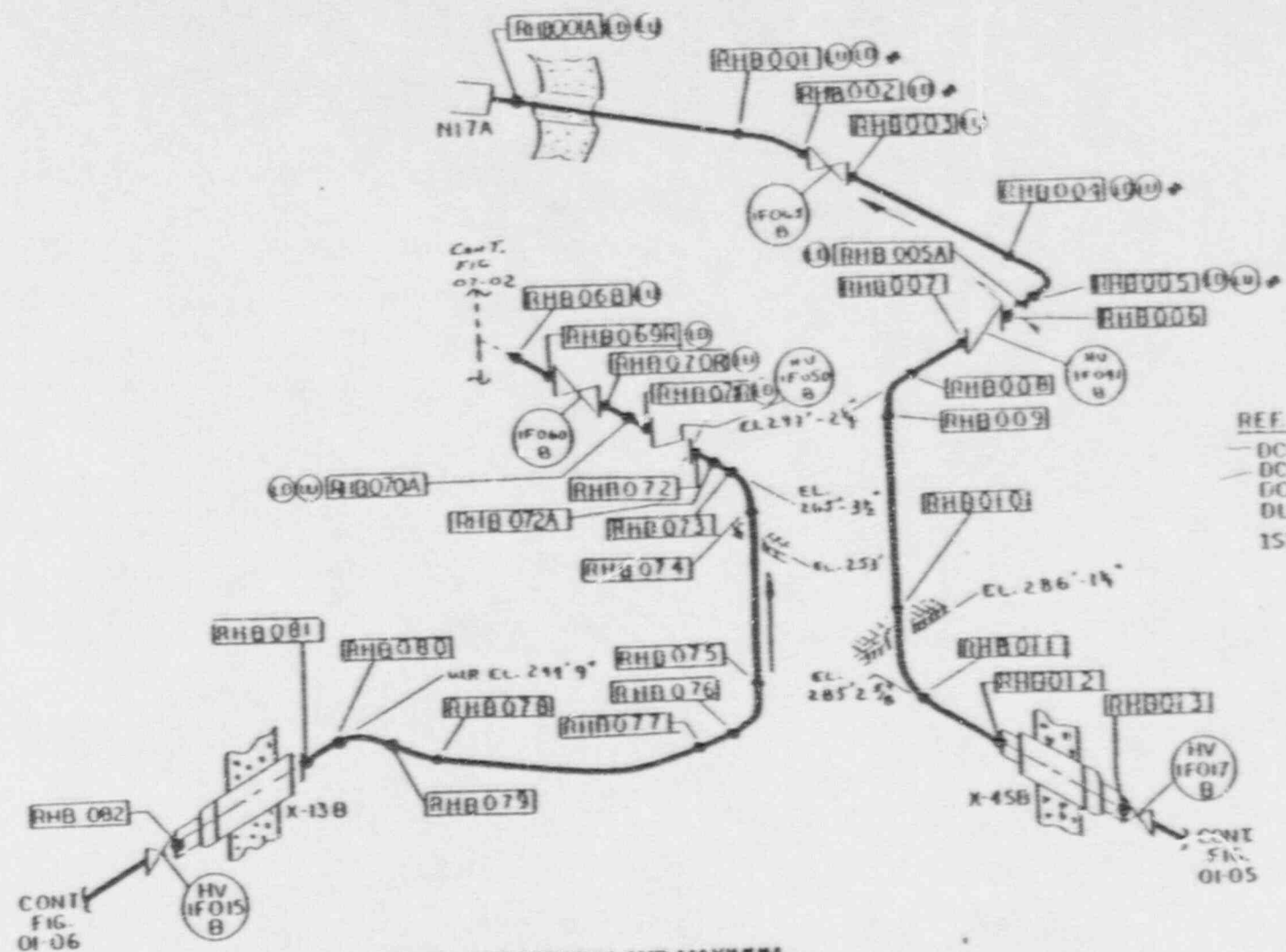
REF. RECHTEL DWGS.

6BB-120-1	REV. 11
6BB-118-1	REV. 21
6BB-101-1	REV. 24
6BB-117-1	REV. 17
6BB-102-1	REV. 24
HBP-118-K	REV. 15
HBB-117-1	REV. 15
EST-70-51, SH-2, RE	

NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE FIGURE 10-04.

FIGURE 01-03

RHR LOOP A WELDS



- REF. BECHTEL DWGS
- DCA-104-1 REV. 11
 - DCA-104-3 REV. 6
 - DCA-318-2 REV. 12
 - DLA-112-2 REV. 16
 - 151-M-51, SH. 1, REV. 0

♦ ELBOWS HAVE MINIMUM AND MAXIMUM LONGITUDINAL BEAMS. (SEE FIG. 10-04.)

FIGURE 01-04

RHR LOOP B WELDS

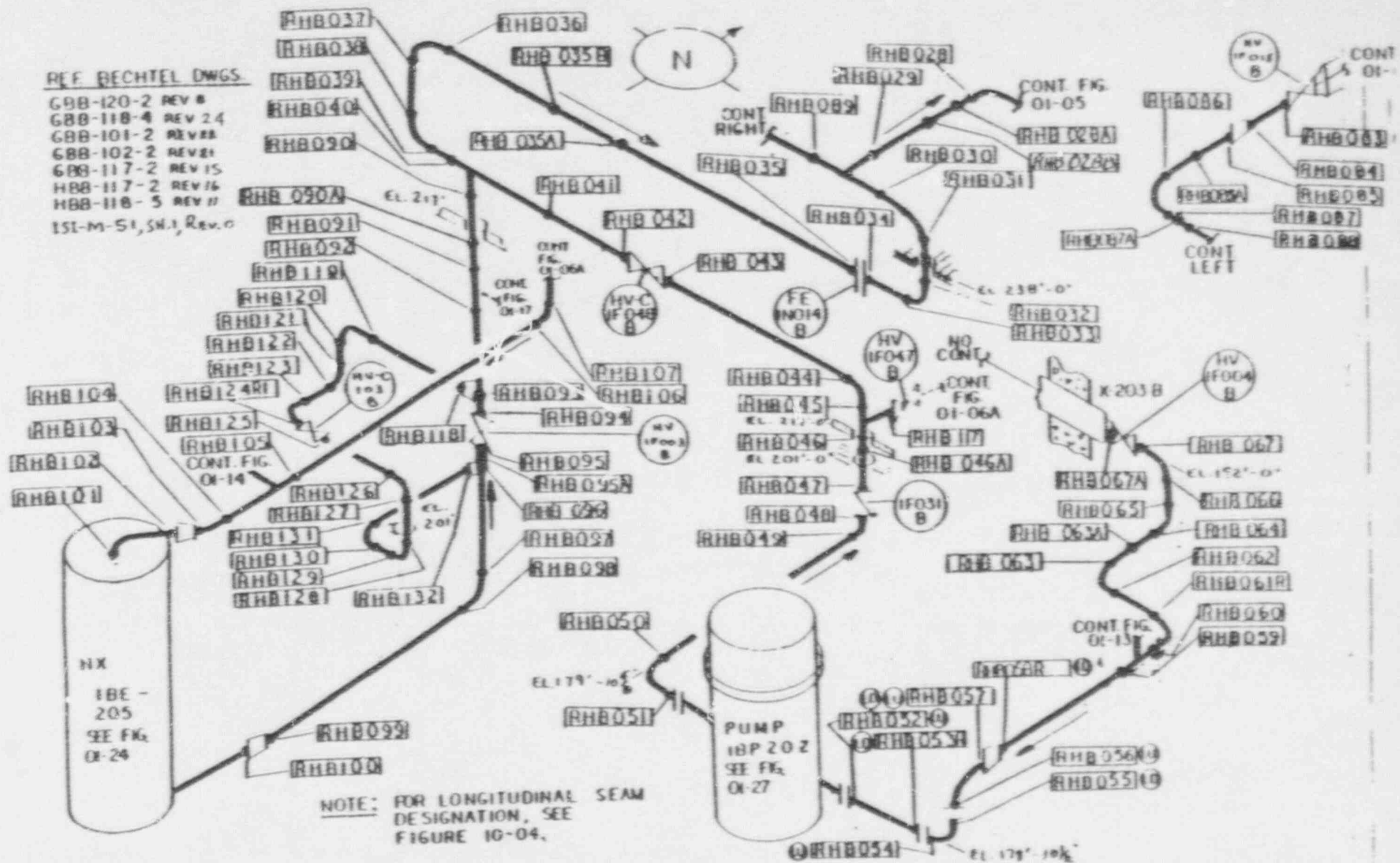
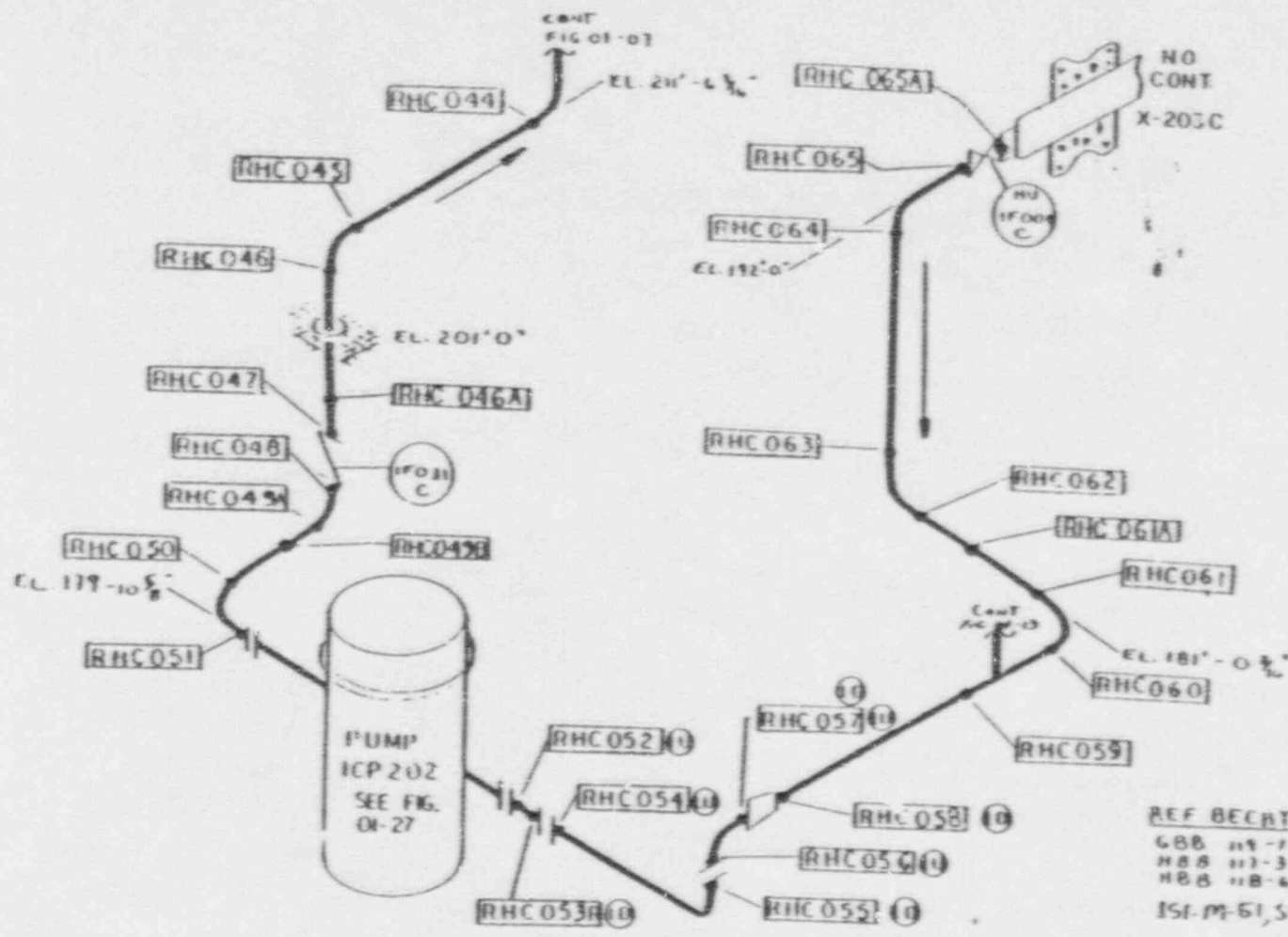


FIGURE 01-06

RHR LOOP B WELDS

R.V. O, 11/86

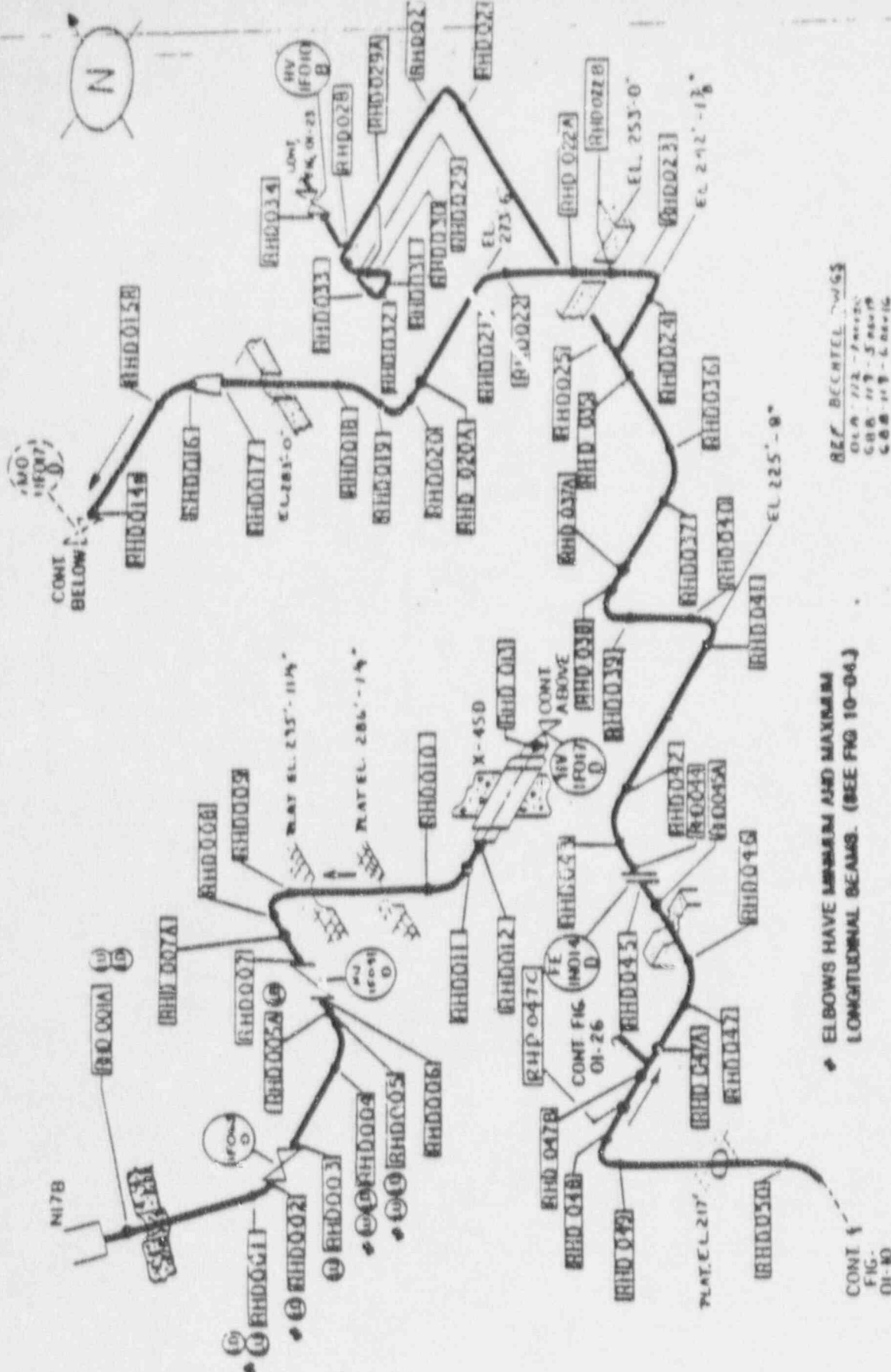


NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE FIGURE 10-04

REF BECHTEL DWGS
 GBB 119-7 Rev 10
 HBB 117-3 Rev 17
 HBB 118-6 Rev 11
 ISI-M-51, SH.2, Rev. 1

FIGURE 01-08
 RHR LOOP C WELDS

Rev. 0, 11/86
 1206



827 BECHTEL W65
 DLA 712-7-10000
 CDB 119-3-10000
 CDB 119-4-10000
 DCA-300-1 REV 14
 ISL-M-51, 54, 5, 2000

* ELBOWS HAVE MINIMUM AND MAXIMUM
 LONGITUDINAL BEAMS. (SEE FIG 10-04J)

FIGURE 01-09

RHR LOOP D WELDS

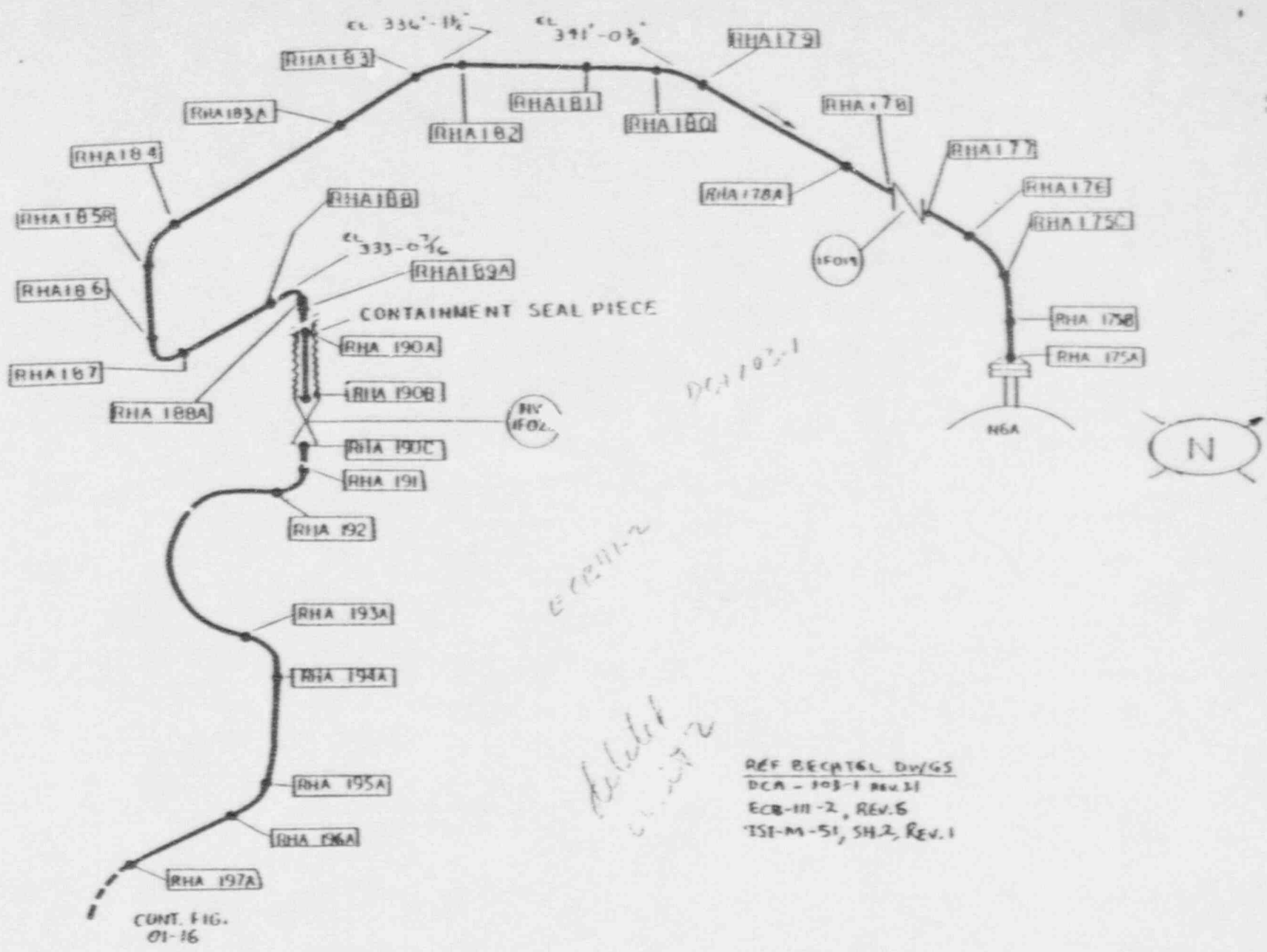


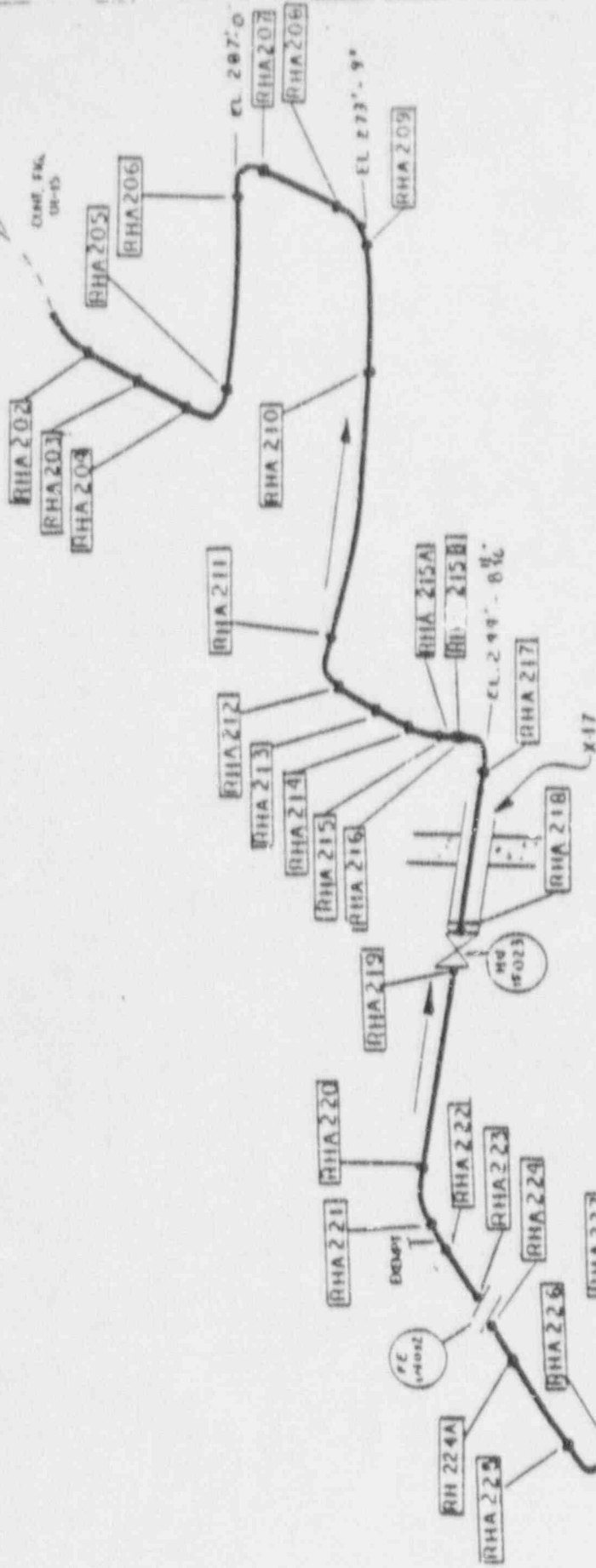
FIGURE 01-15
RHR LOC A WELDS

Rev. 0, 11/86



EL. 315' - 10 3/8"

COMP. ENG.
UR-05



REF RECTIBL DWG 3
 ECC 111-1 Rev 77
 G.B. 106-1 Rev 77
 TSI-M-51, Sd. 2, Rev. 1

Handwritten note:
 11/1/77
 11/1/77

FIGURE 01-16

RHR LOOP A WELDS

Rev. O, 11/86

Comp. Eng.
 FIG.
 01-03

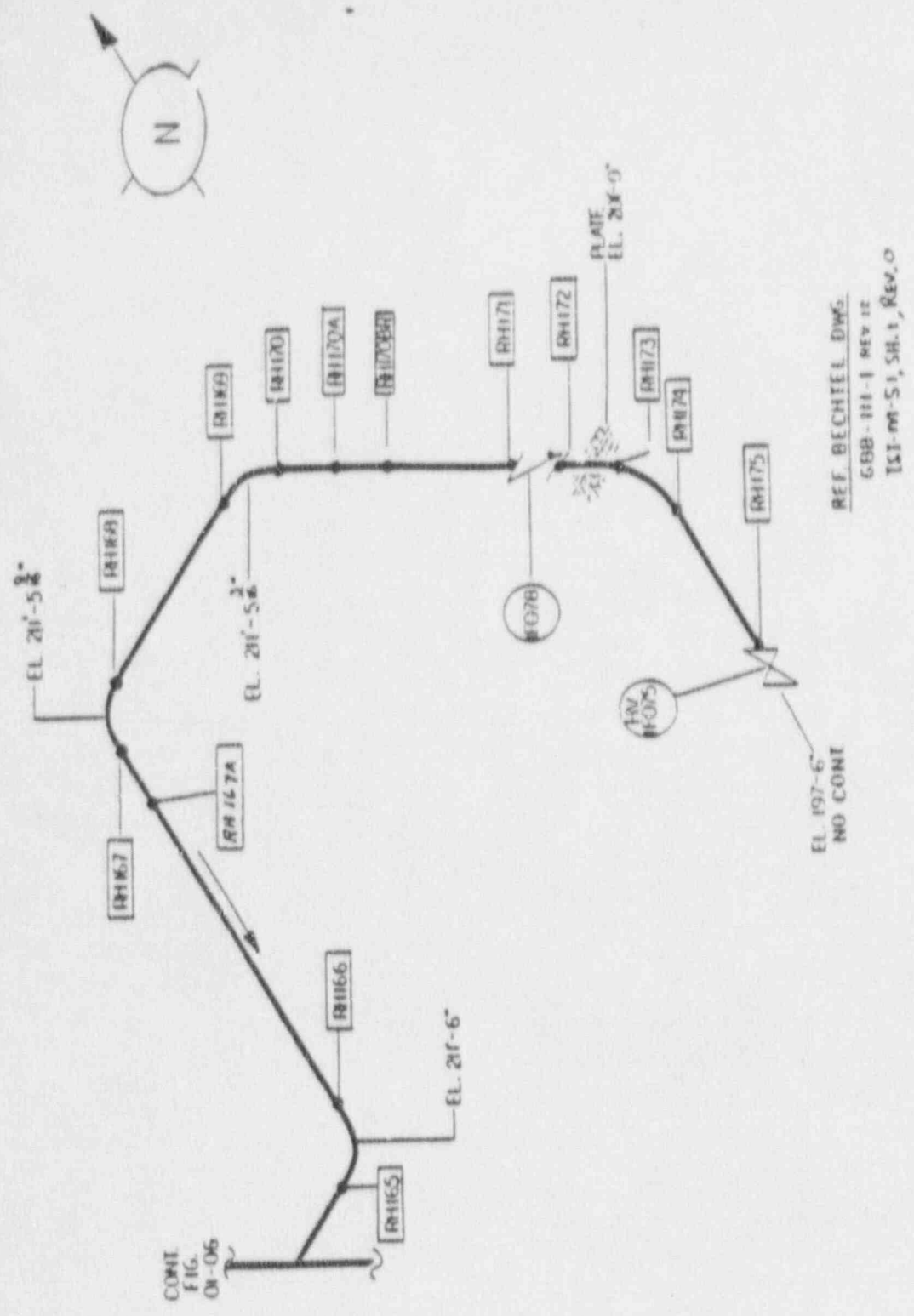
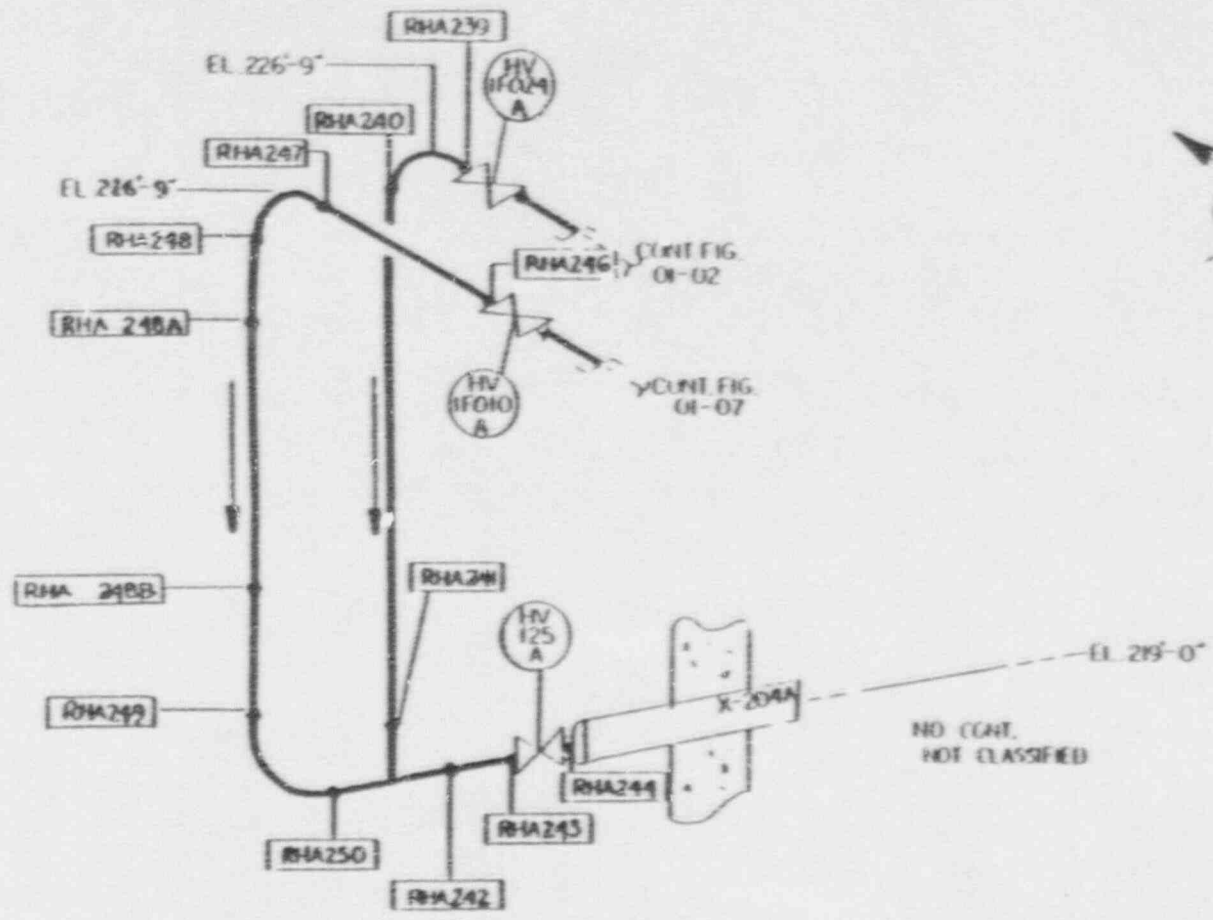


FIGURE 01-17

RHR WELDS

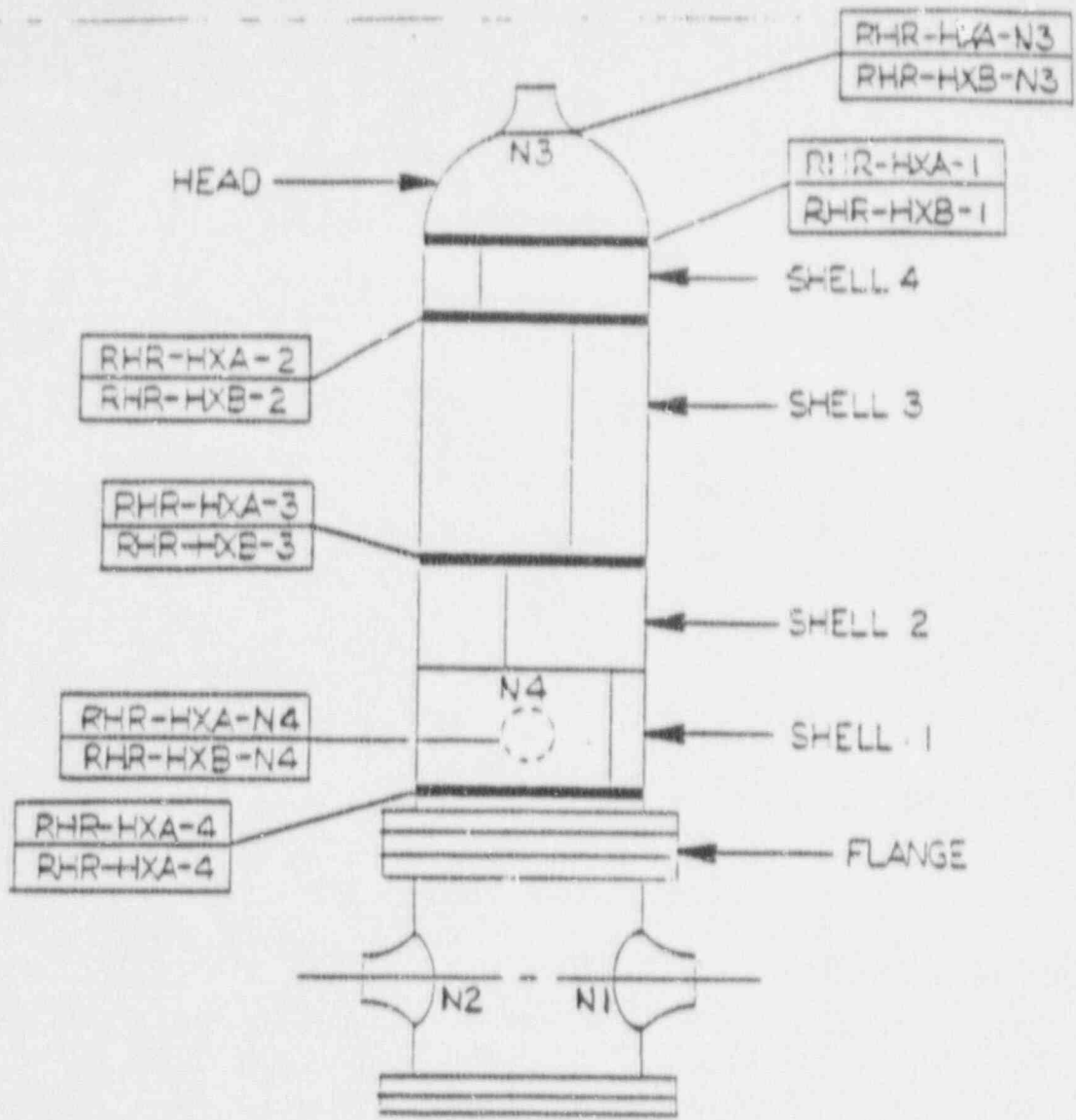
Rev. 0, 11/86



REF. BECHTEL DWG.
 688-108-1 REV. 13
 ISI-m-51, SH. 2, Rev. 1

FIGURE 01-22

RHR WELDS



SEE ALSO 01-03 AND 01-06
FOR PIPING WELD CONTINUATION

FIGURE 01-24
RHR HT EXCH WELDS

Rev. 0, 11/80

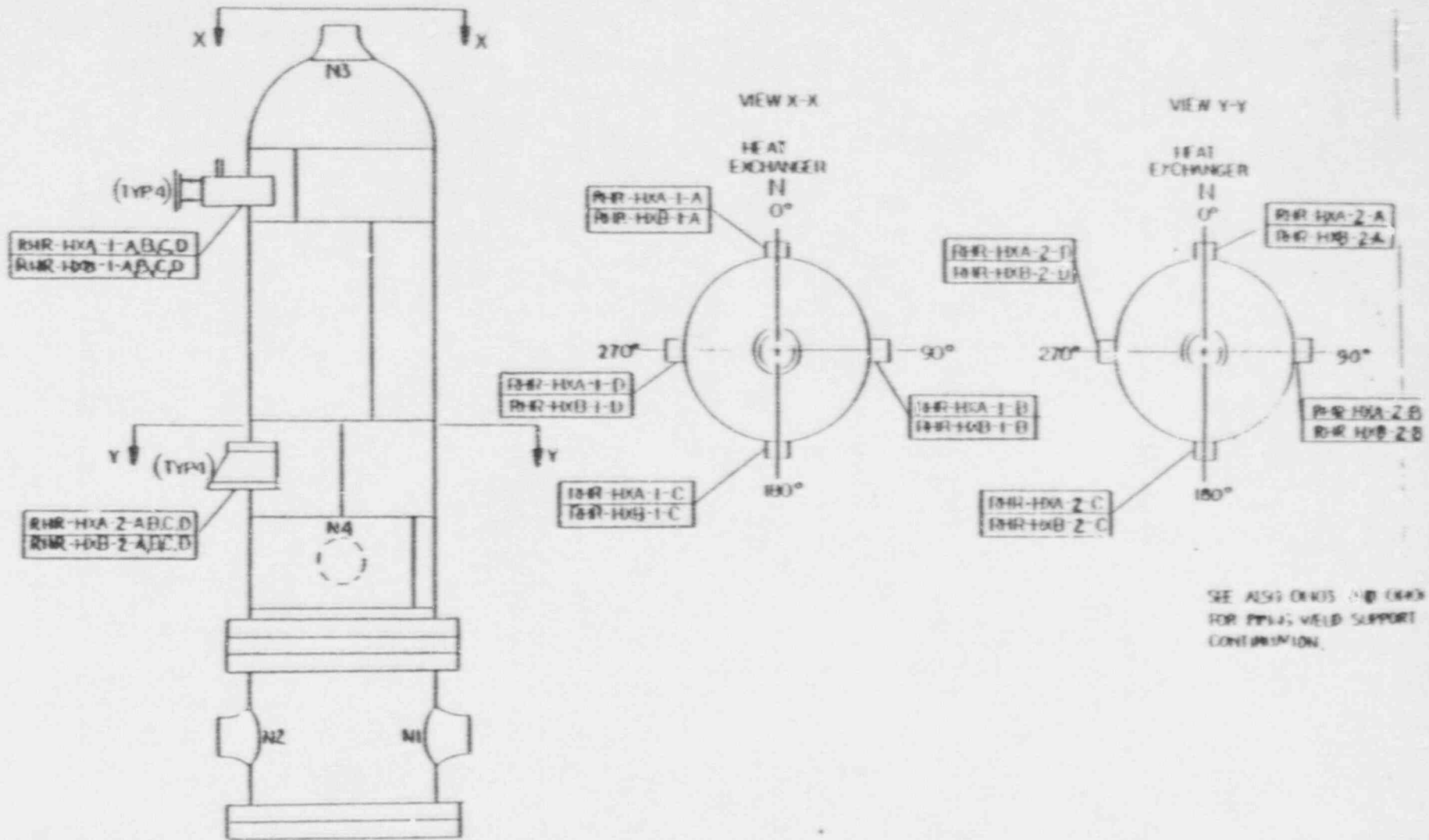
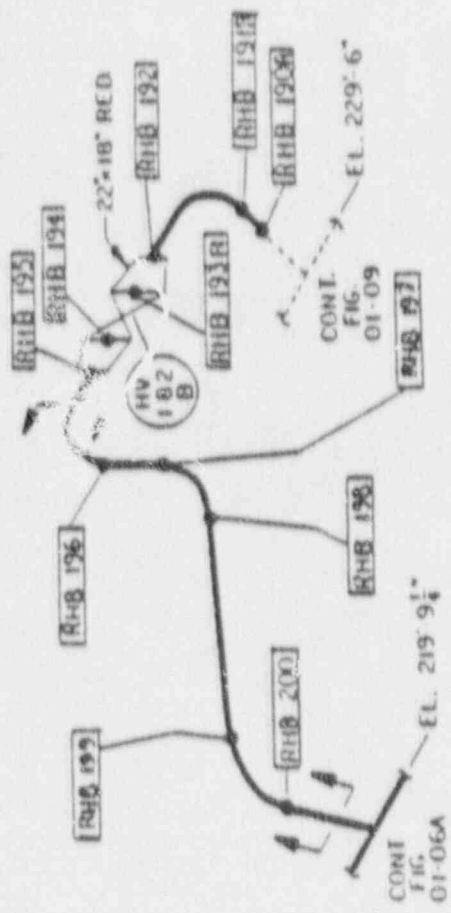
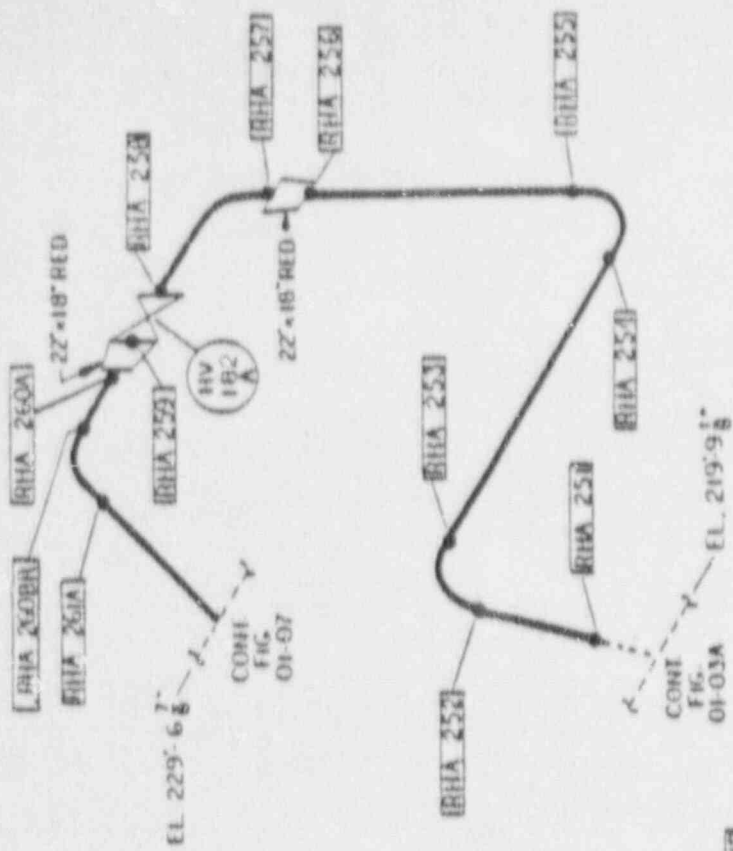


FIGURE 01-25

RHR HT EXCH SUPPORTS

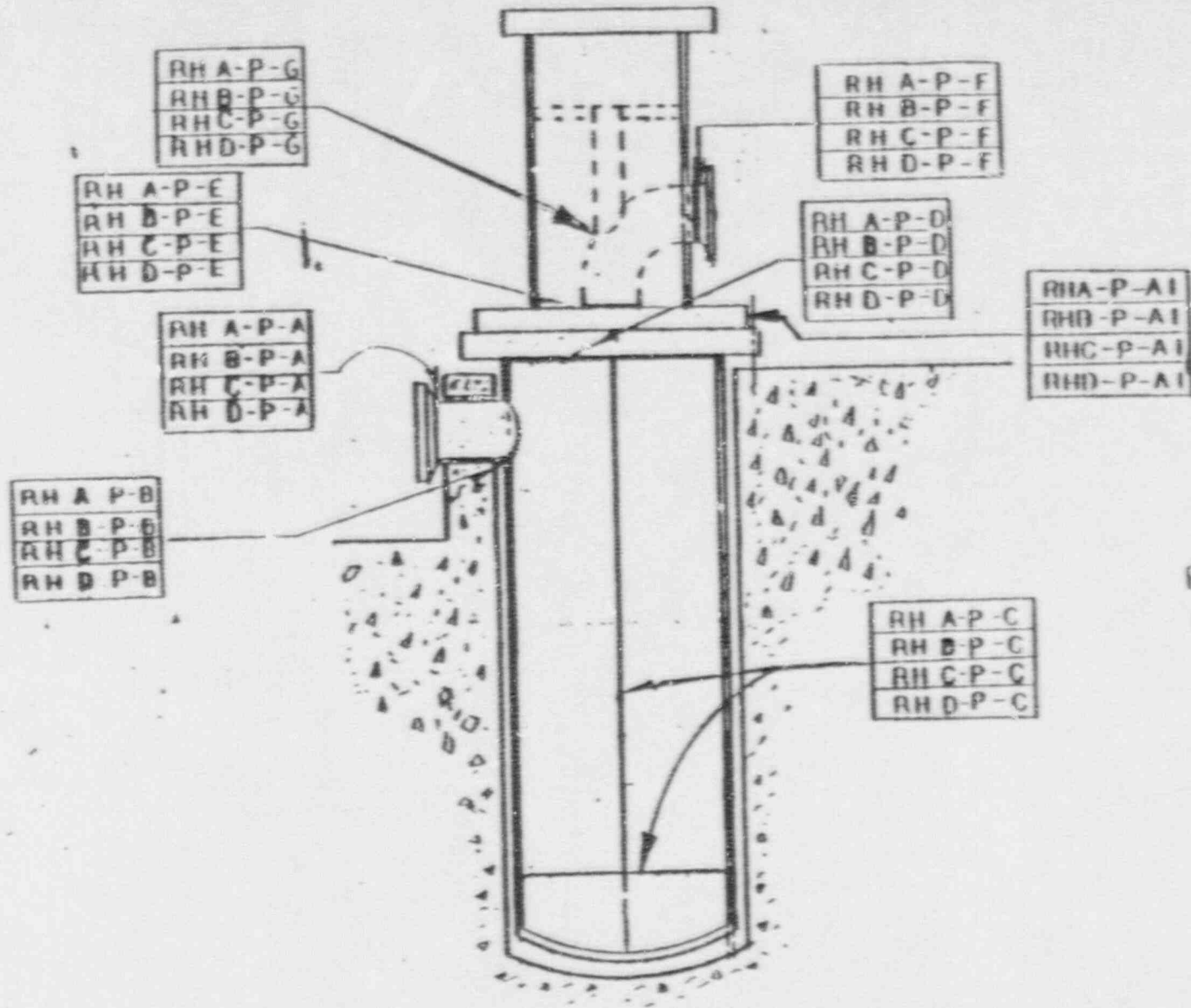


REF. BECHTEL DWGS.
 GBB-119-B REV. 10
 GBB-102-4 REV. 6
 151-M-51, SR.1, Rev. 0
 151-M-51, SR.2, Rev. 1

FIGURE 01-26

RHR WELDS

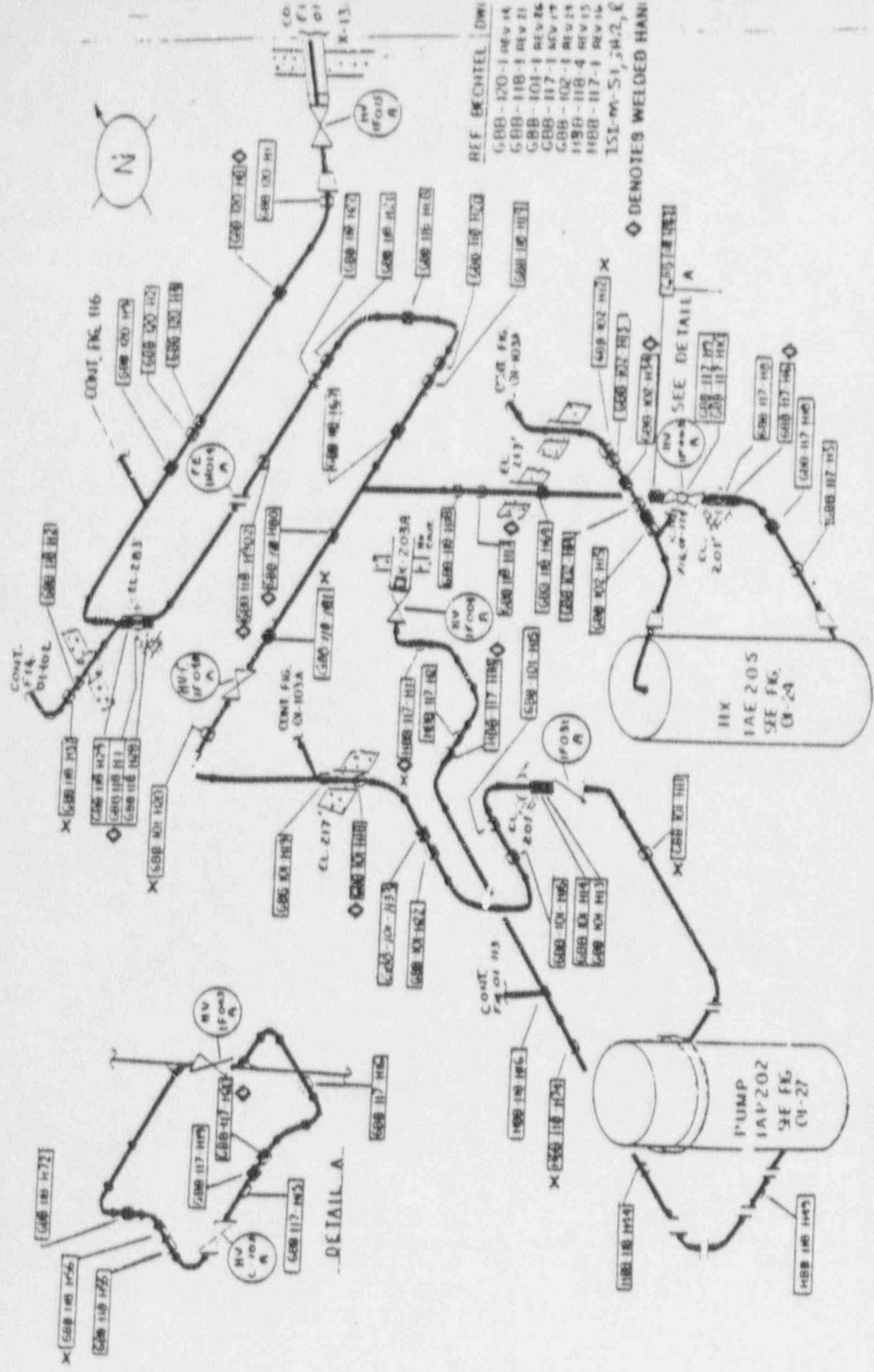
Rev. 0, 11/86



REF. INGERSOLL RAND DWG:
F-34APK0500X4

FIGURE 01-27

RHR PUMP WELDS & SUPPORTS



REF. DWG. DWG. NO. REV. NO. DATE

688-120-1	REV. 14		
688-118-1	REV. 21		
688-101-1	REV. 24		
688-117-1	REV. 17		
688-102-1	REV. 24		
688-118-4	REV. 15		
688-117-1	REV. 14		

151-M-51, 3, 4, 2, 1

X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

FIGURE 01-103

RHR LOOP A SUPPORTS

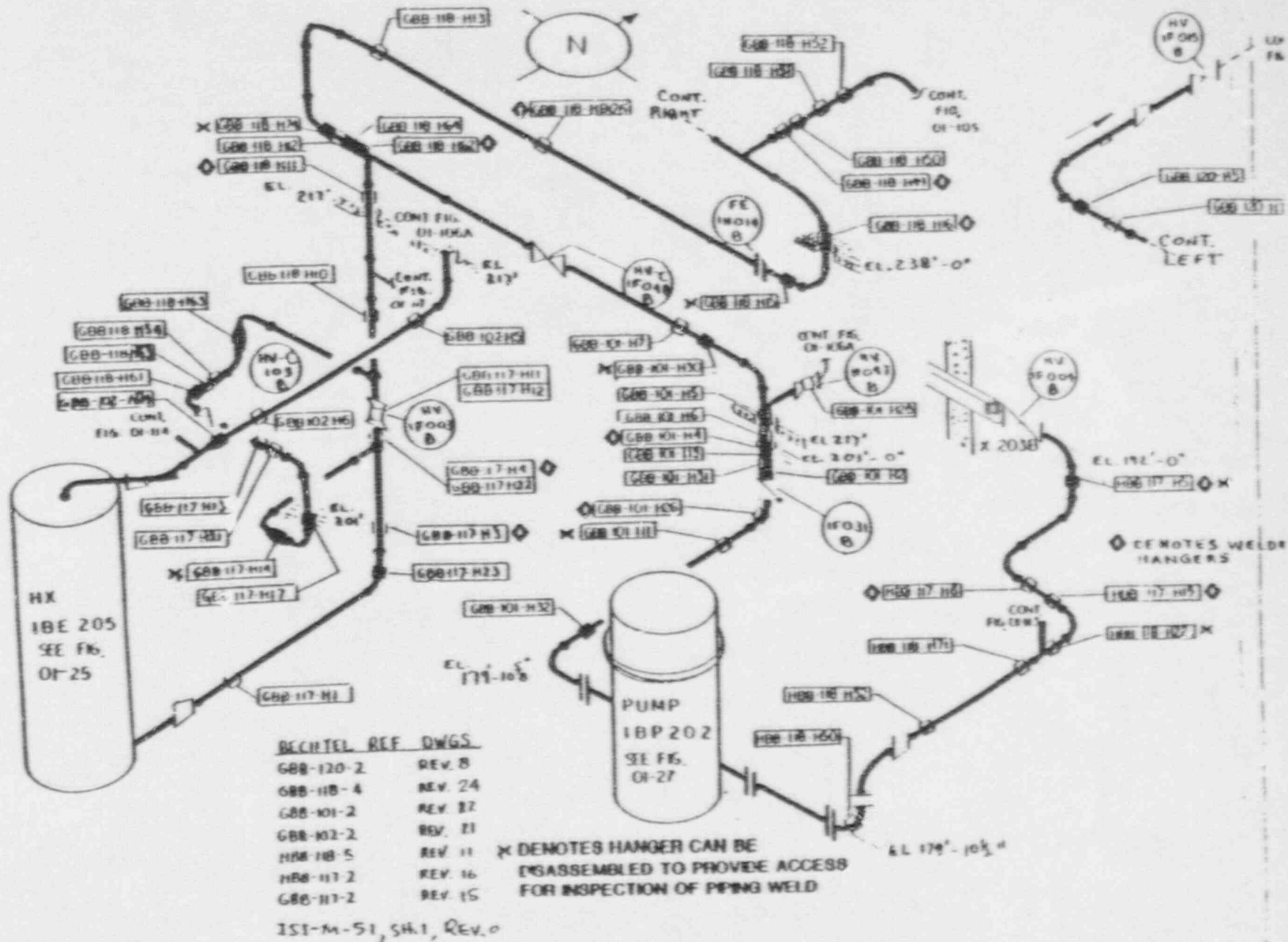


FIGURE 01-106

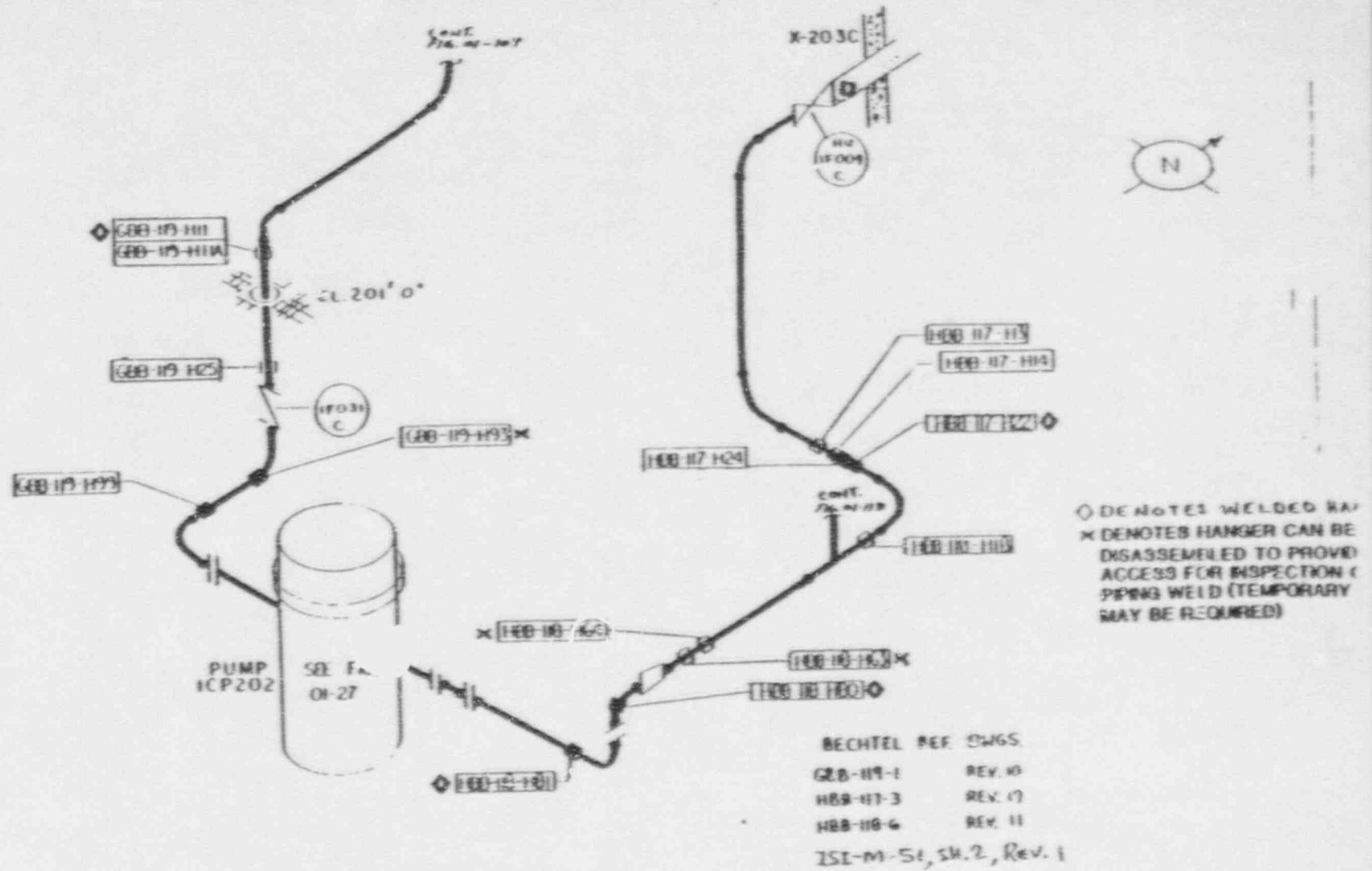
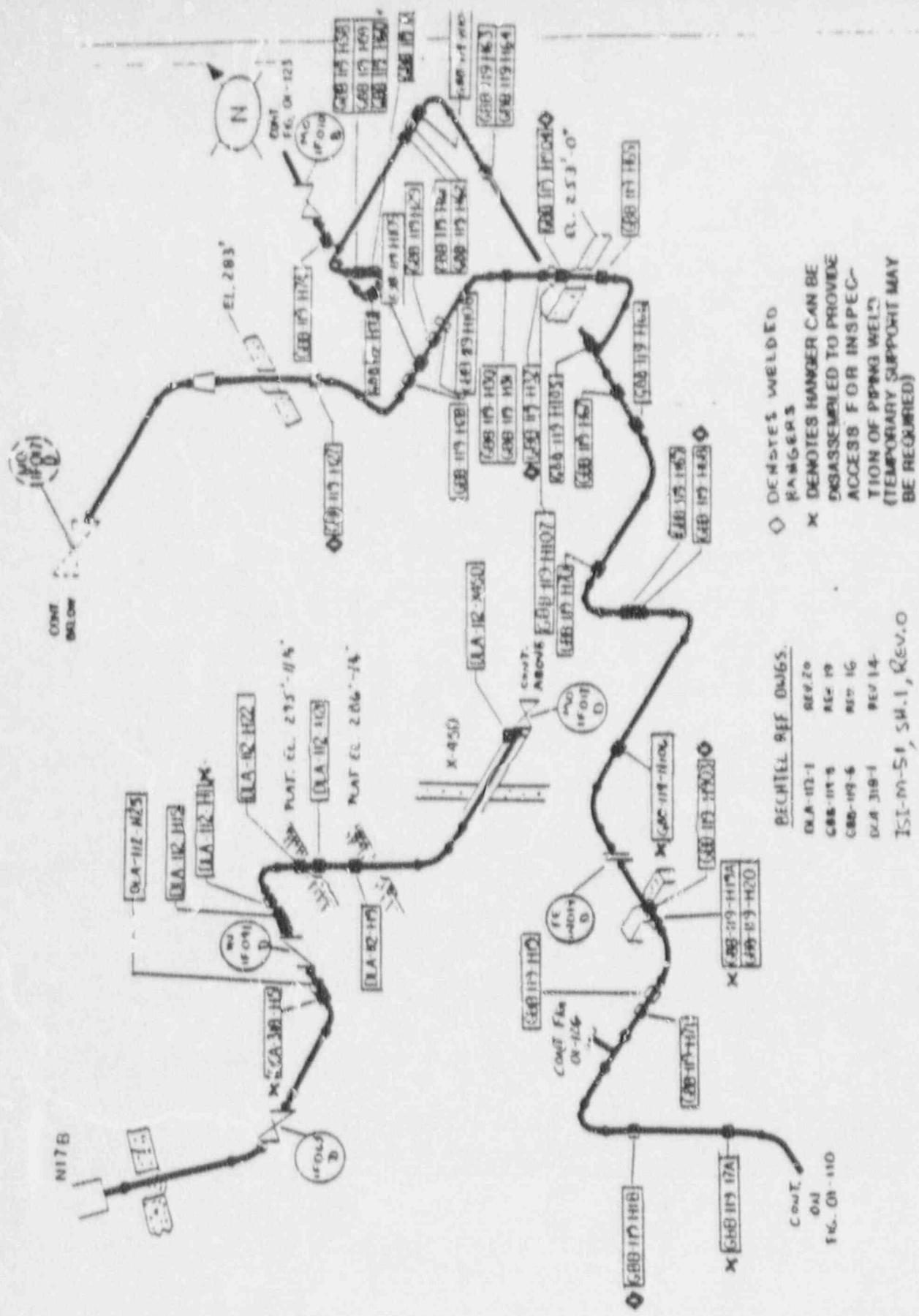


FIGURE 01-108
RHR LOOP C SUPPORTS

Rev. 0, 11/86



◊ DENOTES WELDED RANGERS
 X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

BECHTEL REF. DWGS.

DLA-112-1	REV. 20
GBB-117-5	REV. 19
GBB-117-6	REV. 16
DLA 318-1	REV. 14

ISI-M-51, SH.1, REV. 0

FIGURE 01-109

RRR LOOP D SUPPORTS

REV. 0, 11/86

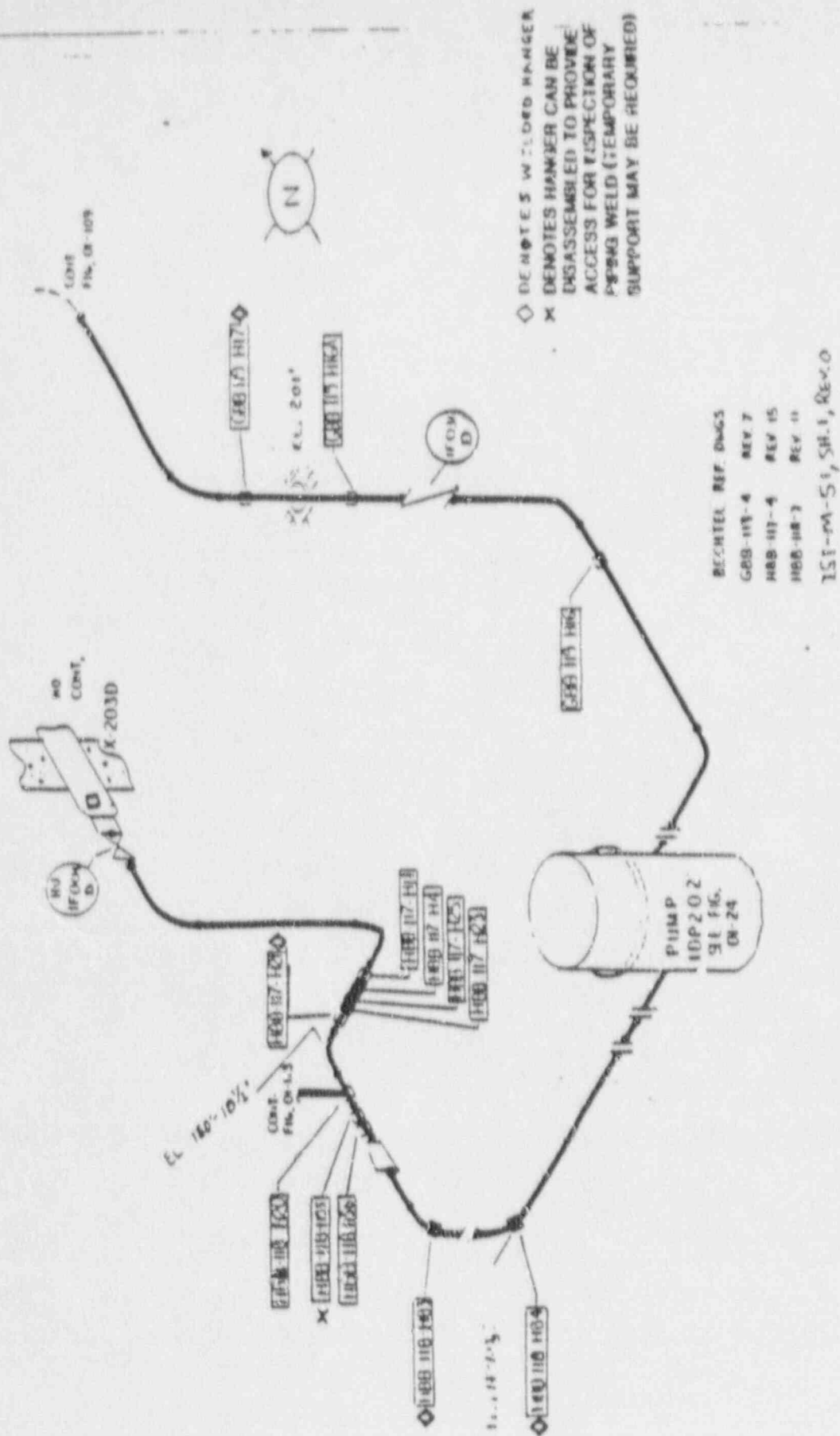
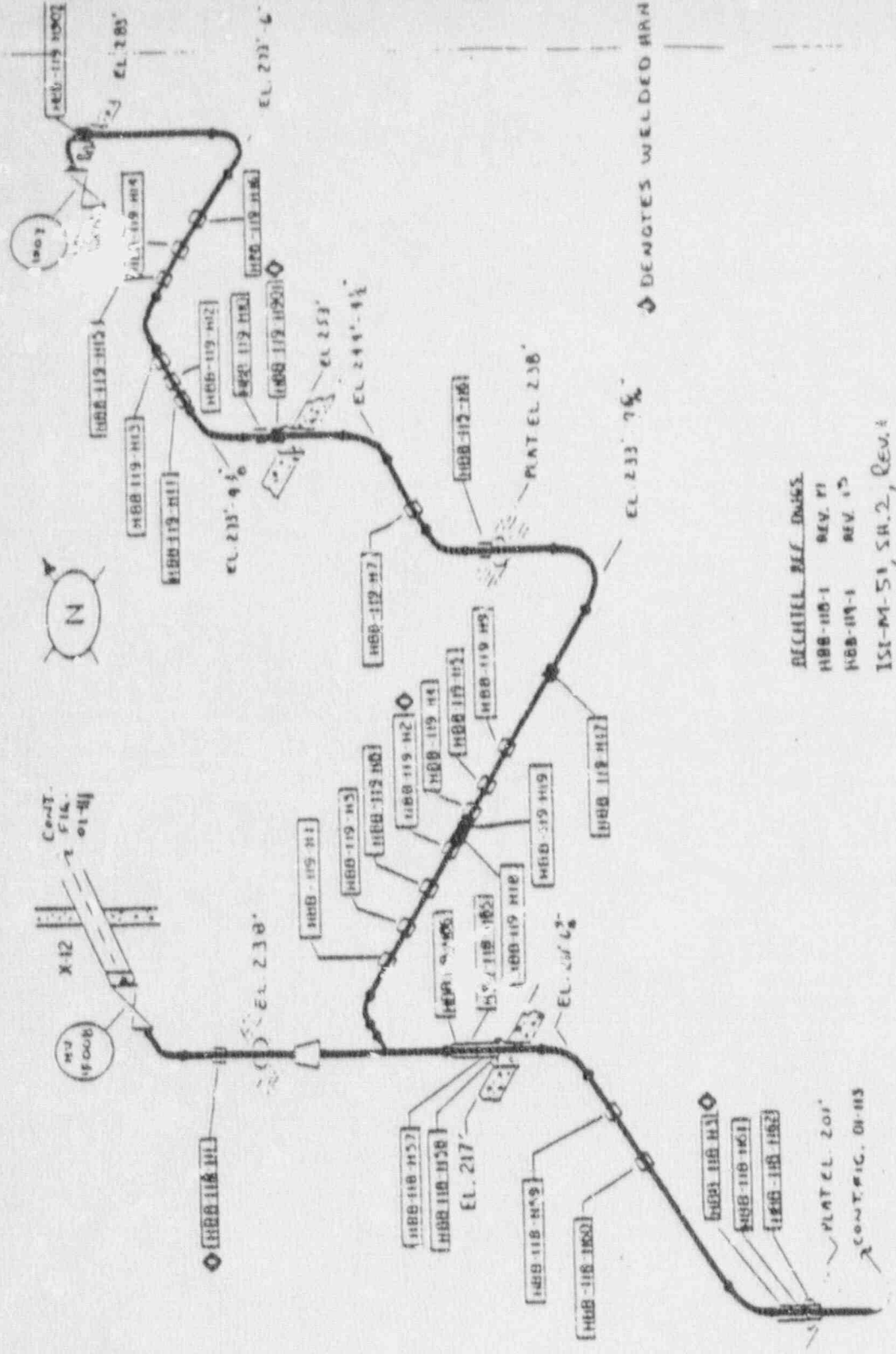


FIGURE 01-110
 RHR LOOP D SUPPORTS

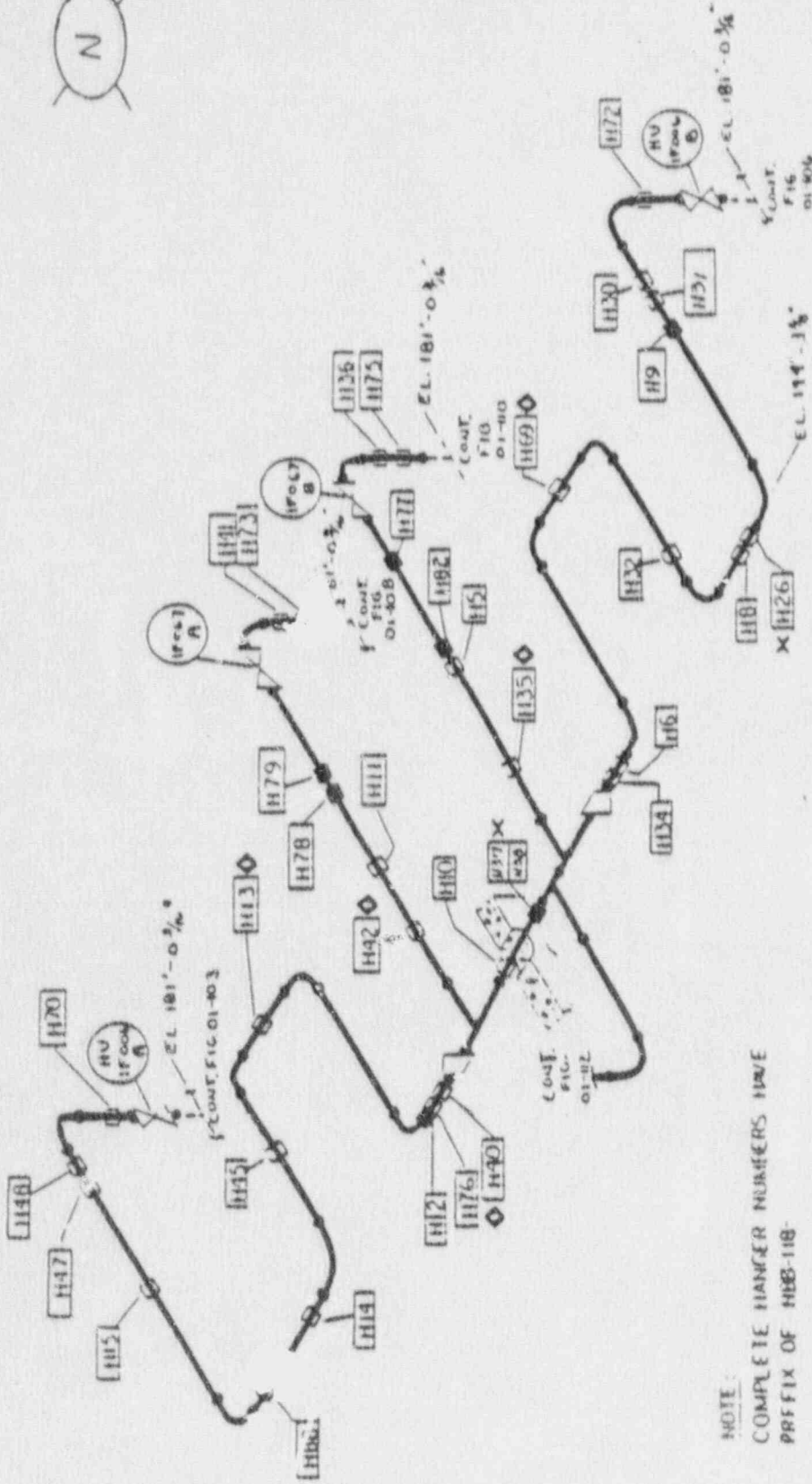
REV. 0, 11/86



RECHTEL REF. DWGS.
 HBB-118-1 REV. P1
 HBB-119-1 REV. P2
 IS-M-51, SH.2, REV. A

◇ DENOTES WELDED HRM

FIGURE 01-112
 RHR SUPPORTS



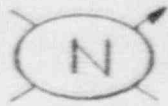
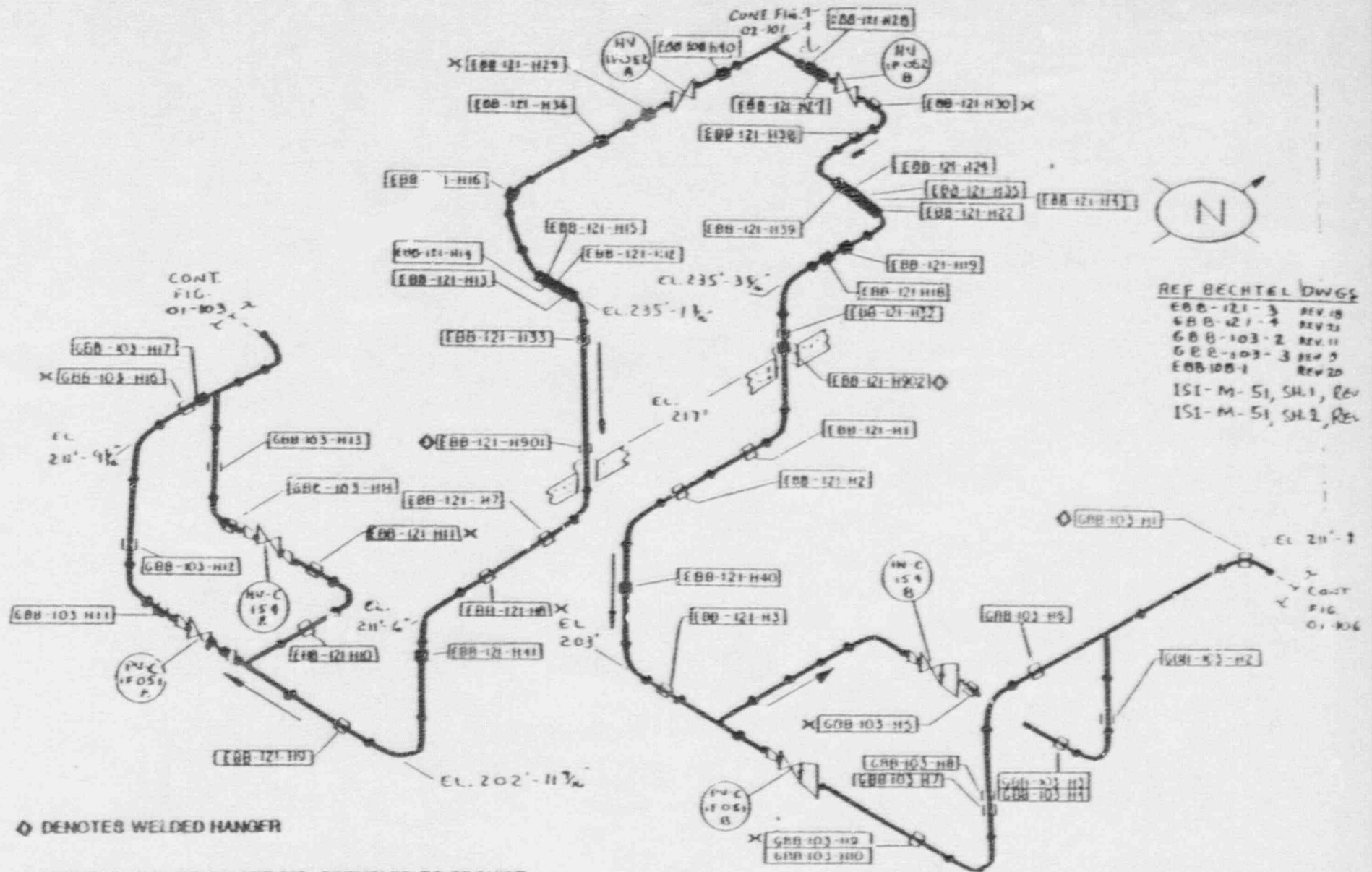
NOTE:
COMPLETE HANGER NUMBERS HAVE
PREFIX OF HBB-118-

BECHTEL REF. 2-565
HBB-118-2 REV. 15
HBB-118-3 REV. 14
ISI-M-51, SH.1, REV. 0
ISI-M-51, SH.2, REV. 1

○ DENOTES WELDED
HANGERS
X DENOTES HANGER CAN BE DISASSEMBLED
TO PROVIDE ACCESS FOR INSPECTORS OF
PIPE WELD (TEMPORARY SUPPLY)

FIGURE 01-113

RHR SUPPORTS



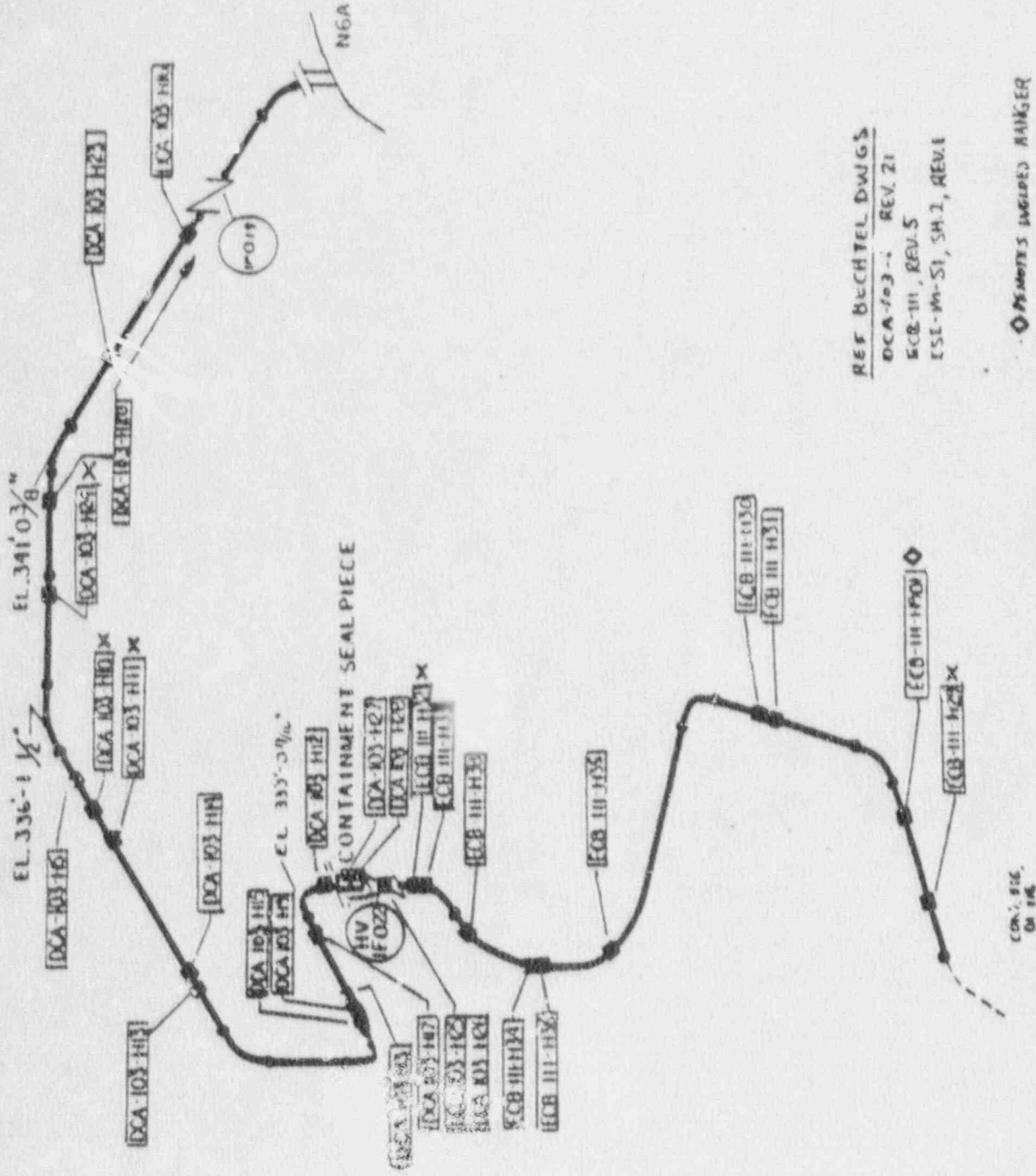
REF BECHTEL DWGS

GBB-121-3	REV. 18
GBB-121-4	REV. 21
GBB-103-2	REV. 11
GBB-103-3	REV. 5
GBB-108-1	REV. 20

ISI-M-51, SH.1, Rev
ISI-M-51, SH.2, Rev

- ◊ DENOTES WELDED HANGER
- × DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

FIGURE 01-114
RHR SUPPORTS



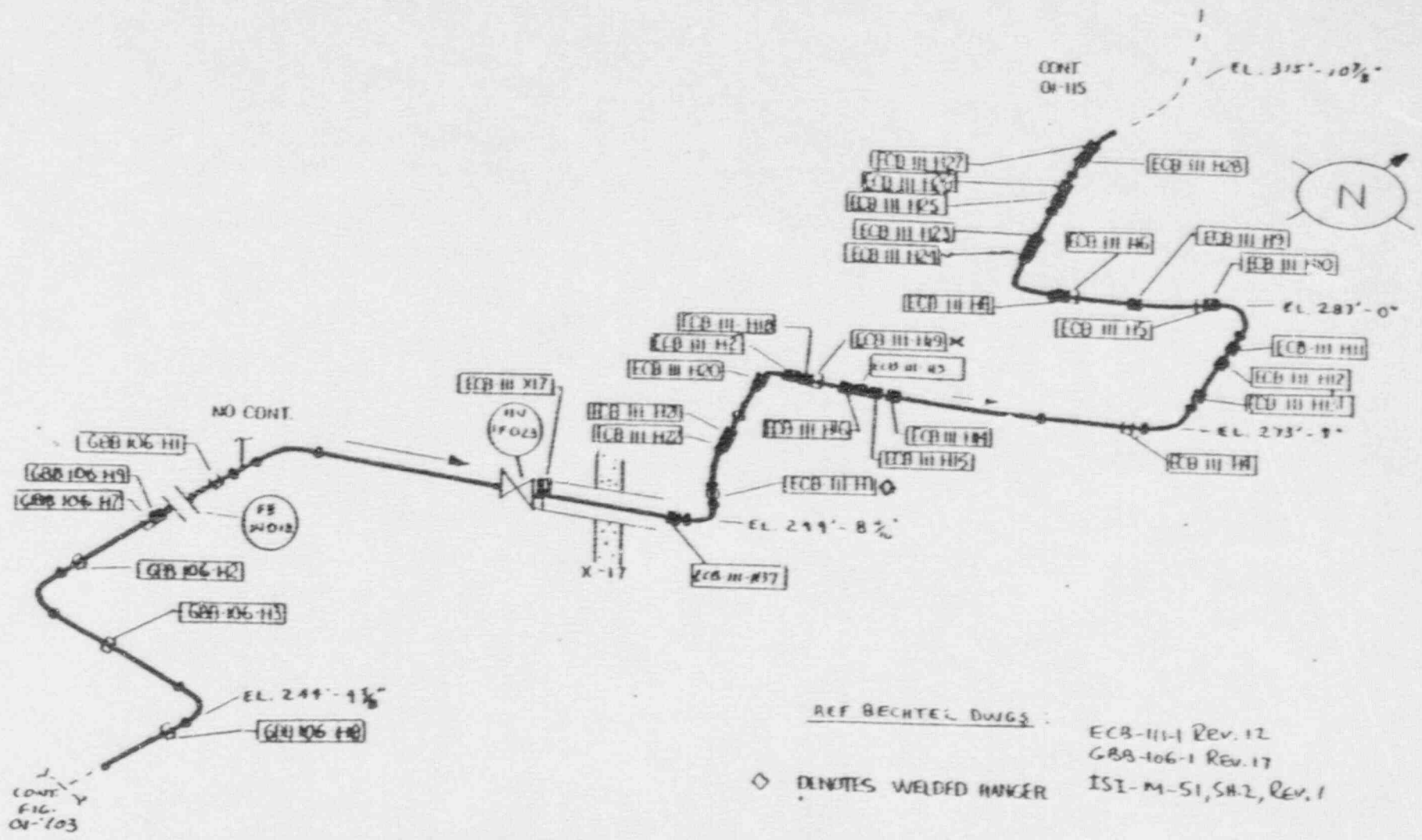
REF BECHTEL DWGS
 DCA-703-1 REV. 21
 ECB-III, REV. 5
 ESE-W-51, SH. 2, REV. 1

○ DENOTES ANGLED HANGER

x DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD
 (TEMPORARY SUPPORT MAY BE REQUIRED)

FIGURE 01-15

RHR LOOP A SUPPORTS



X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD
(TEMPORARY SUPPORT MAY BE REQUIRED)

FIGURE 01-116

RHR LOOP A SUPPORTS

Rev. O, 11/86

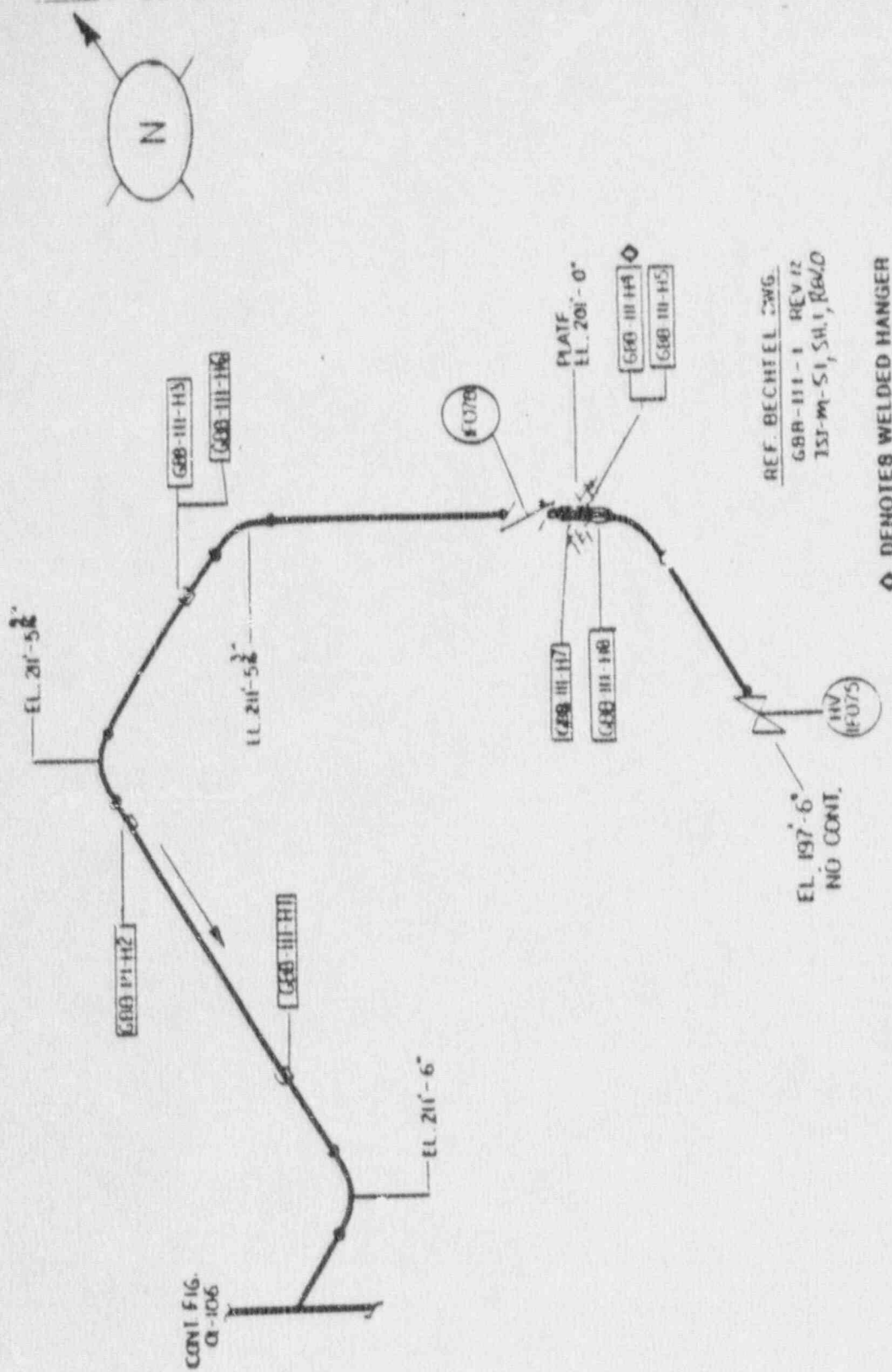
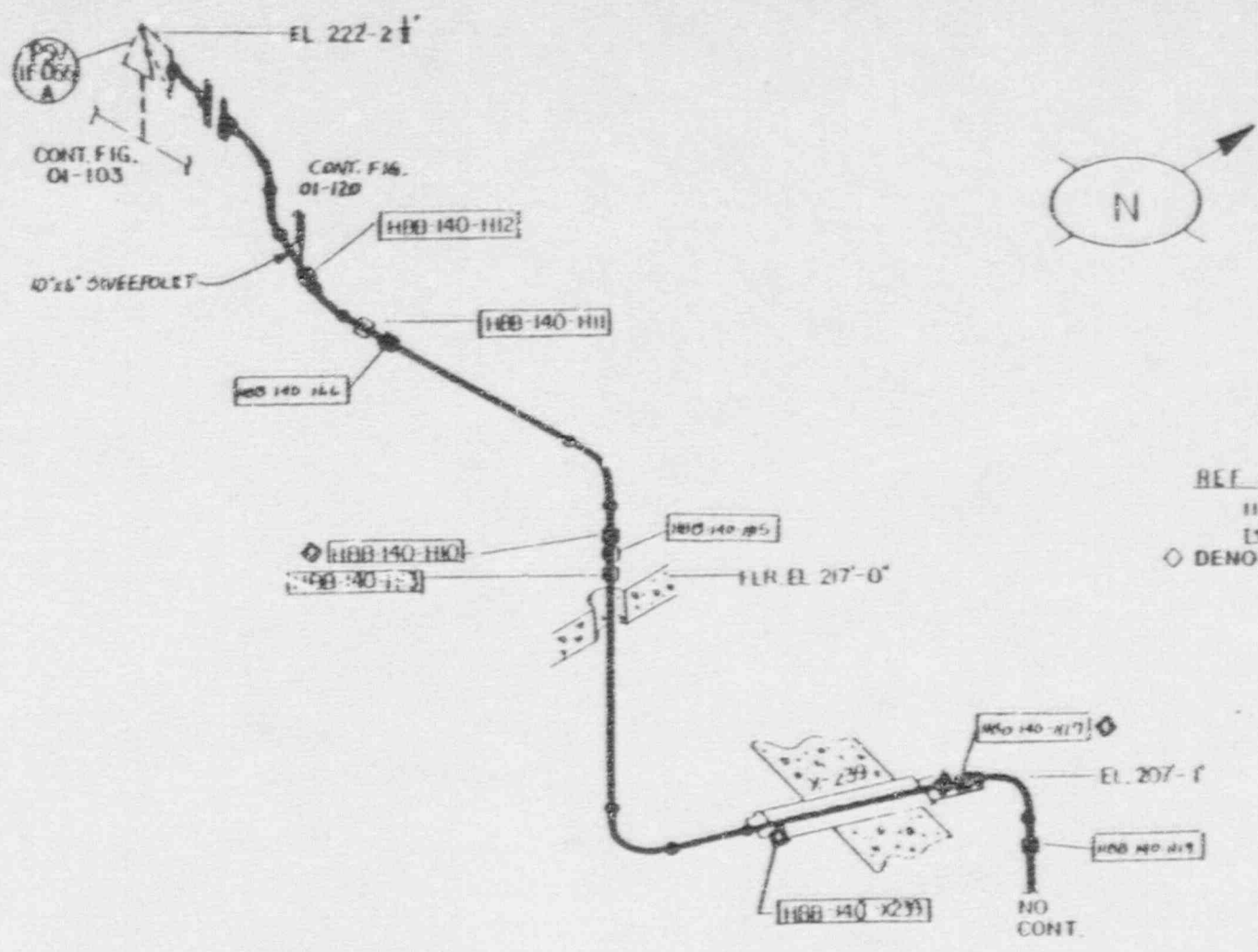


FIGURE 01-117

RHR SUPPORTS



REF. BECHTEL DWG.
 HBB-140-1 REV 17
 ESE-M-51 SH. 2, REV. 1
 ◊ DENOTES WELDED HANGER

FIGURE 01-118
 RHR SUPPORTS

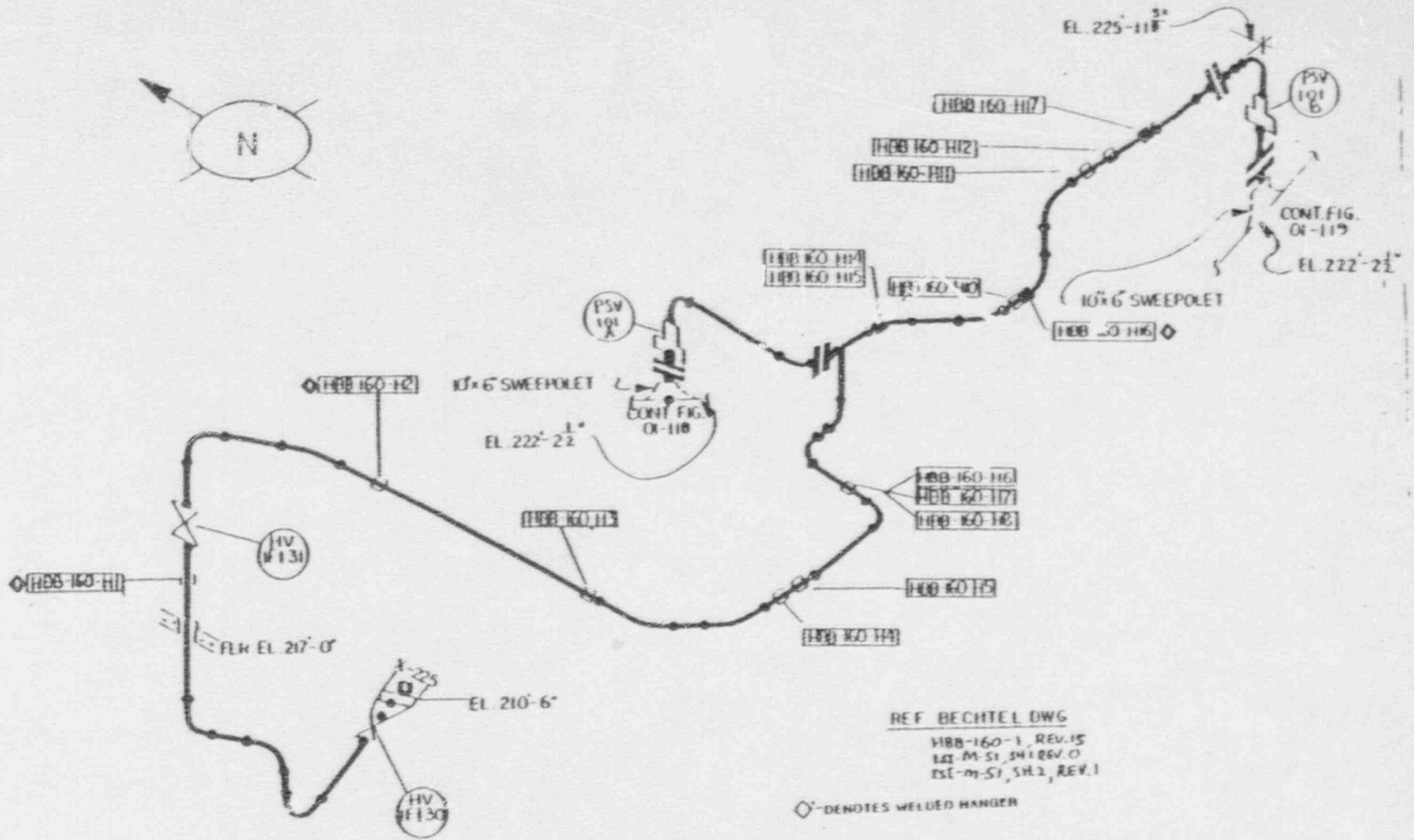
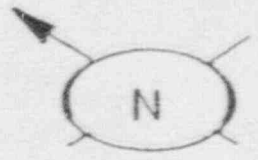
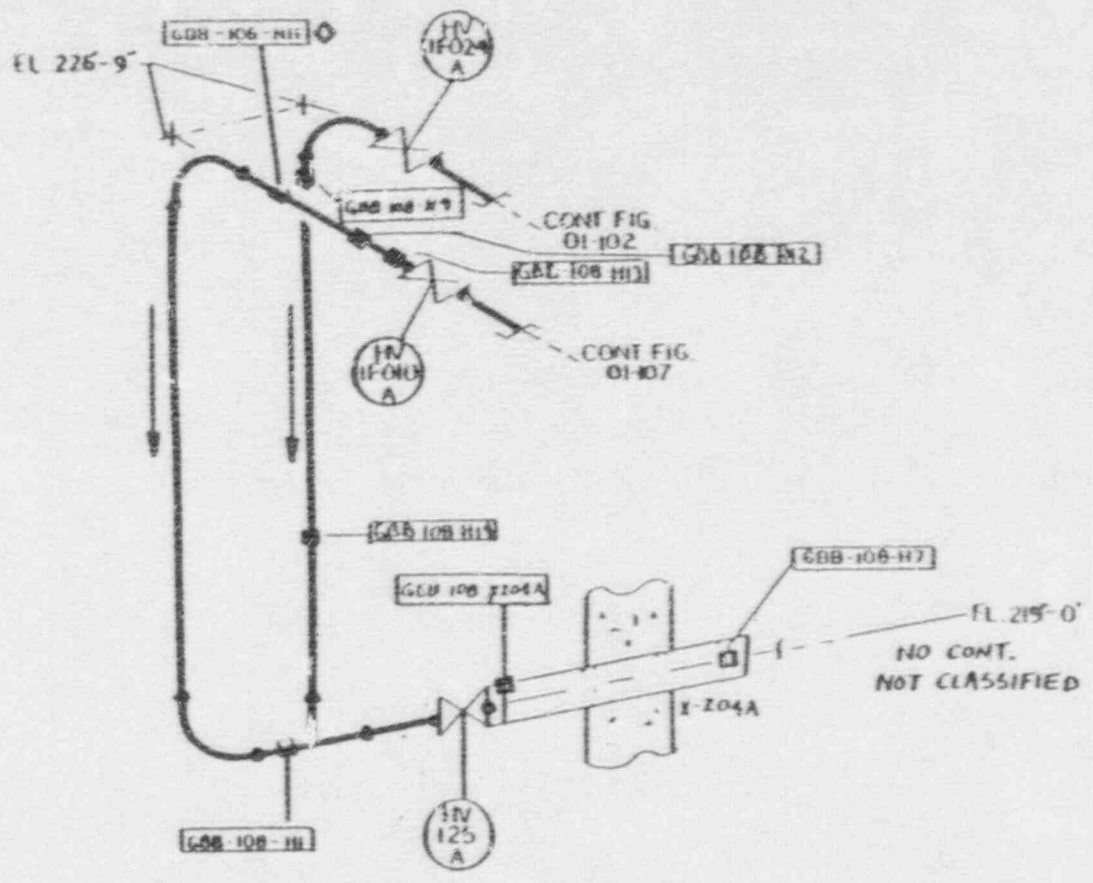


FIGURE 01-120

RHR SUPPORTS

Rev. 0, 11/86

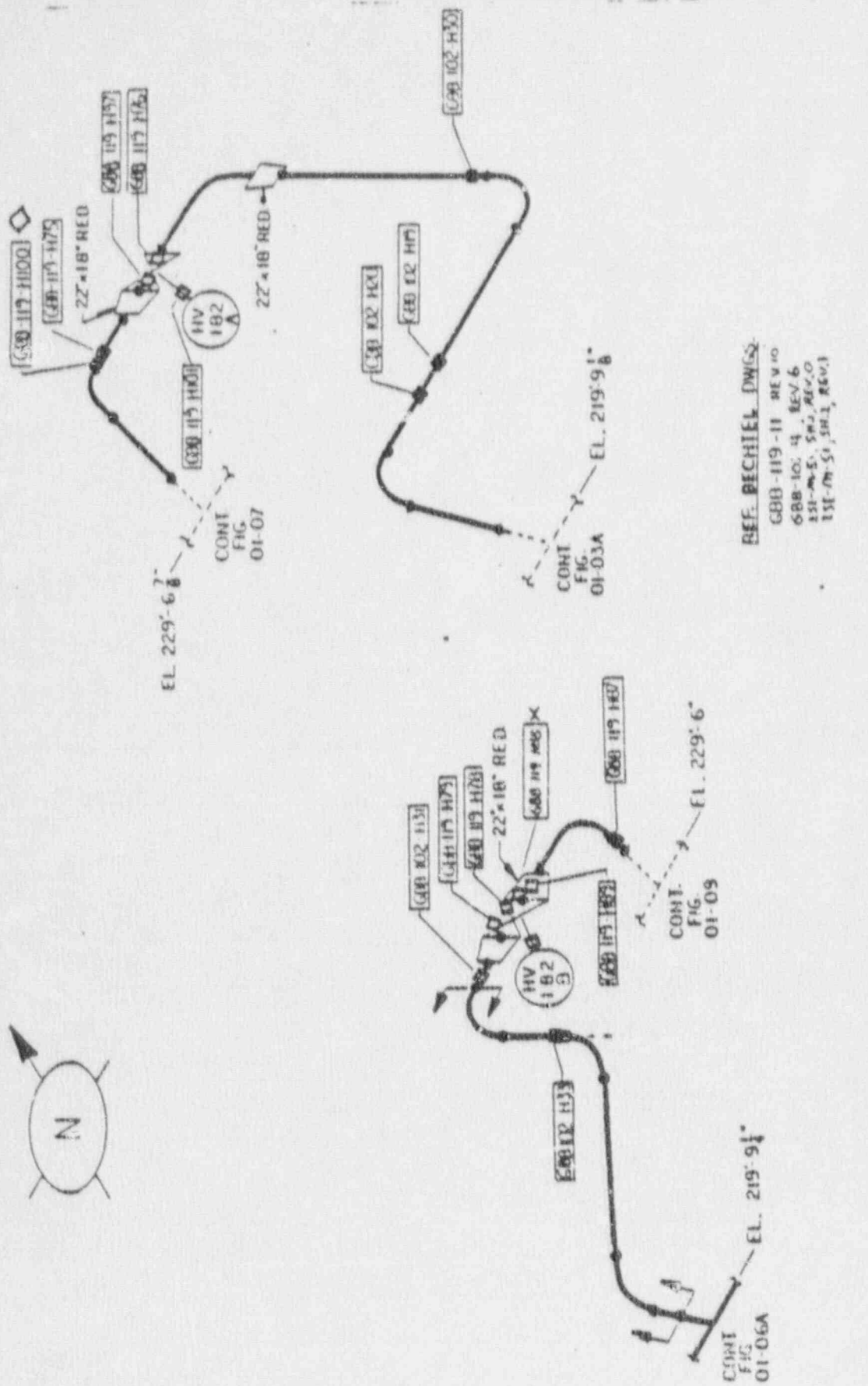


REF BECHTEL DWG.
 GDB-108-1 REV13
 ISI-M-SI, SH. 2, RHM1

FL. 215'-0"
 NO CONT.
 NOT CLASSIFIED

FIGURE 01-122
 RHR SUPPORTS

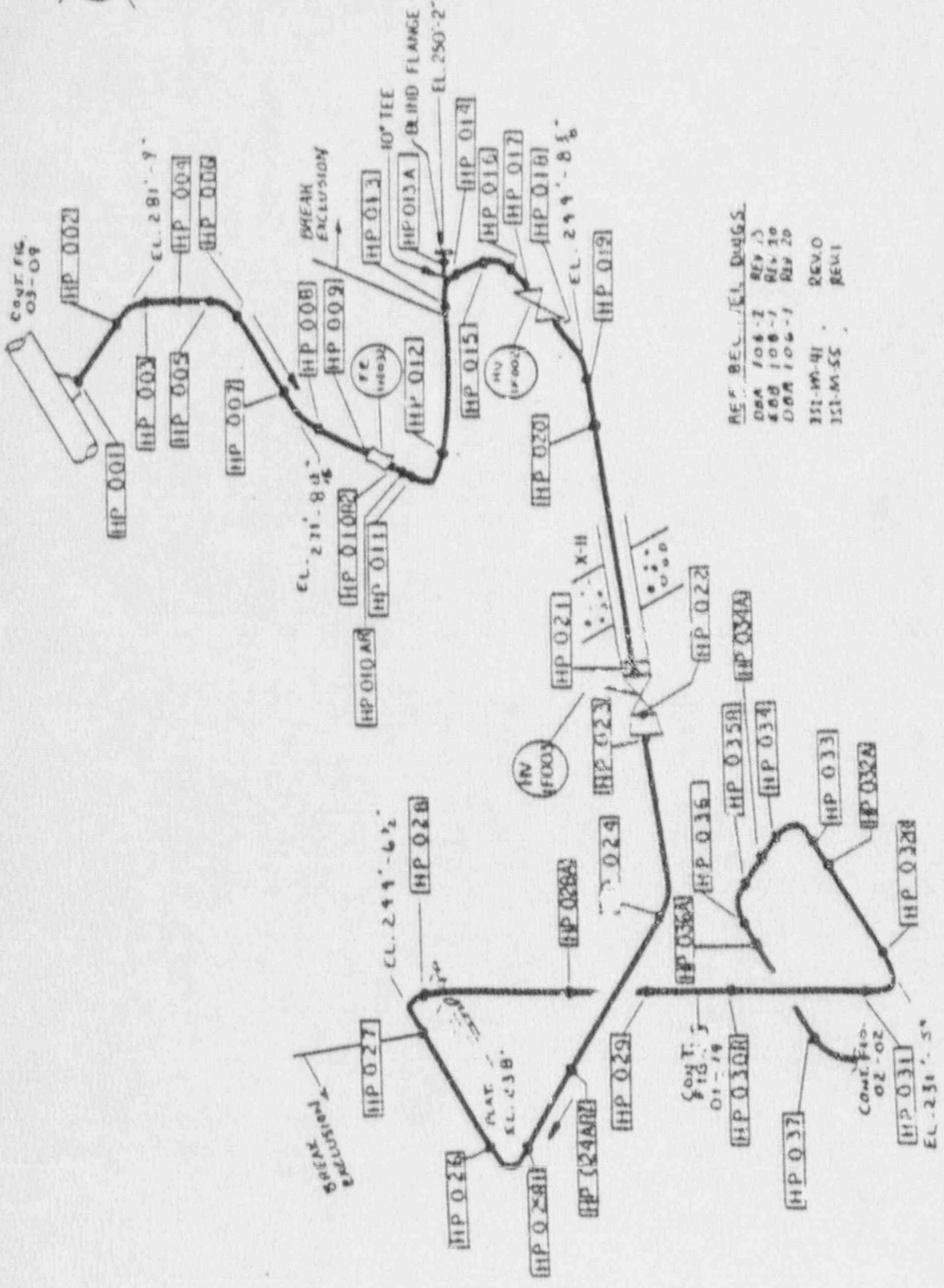
REV. 0, 11/20



X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (IF LEGISLARY SUPPORT MAY BE REQUIRED)

FIGURE 01-126

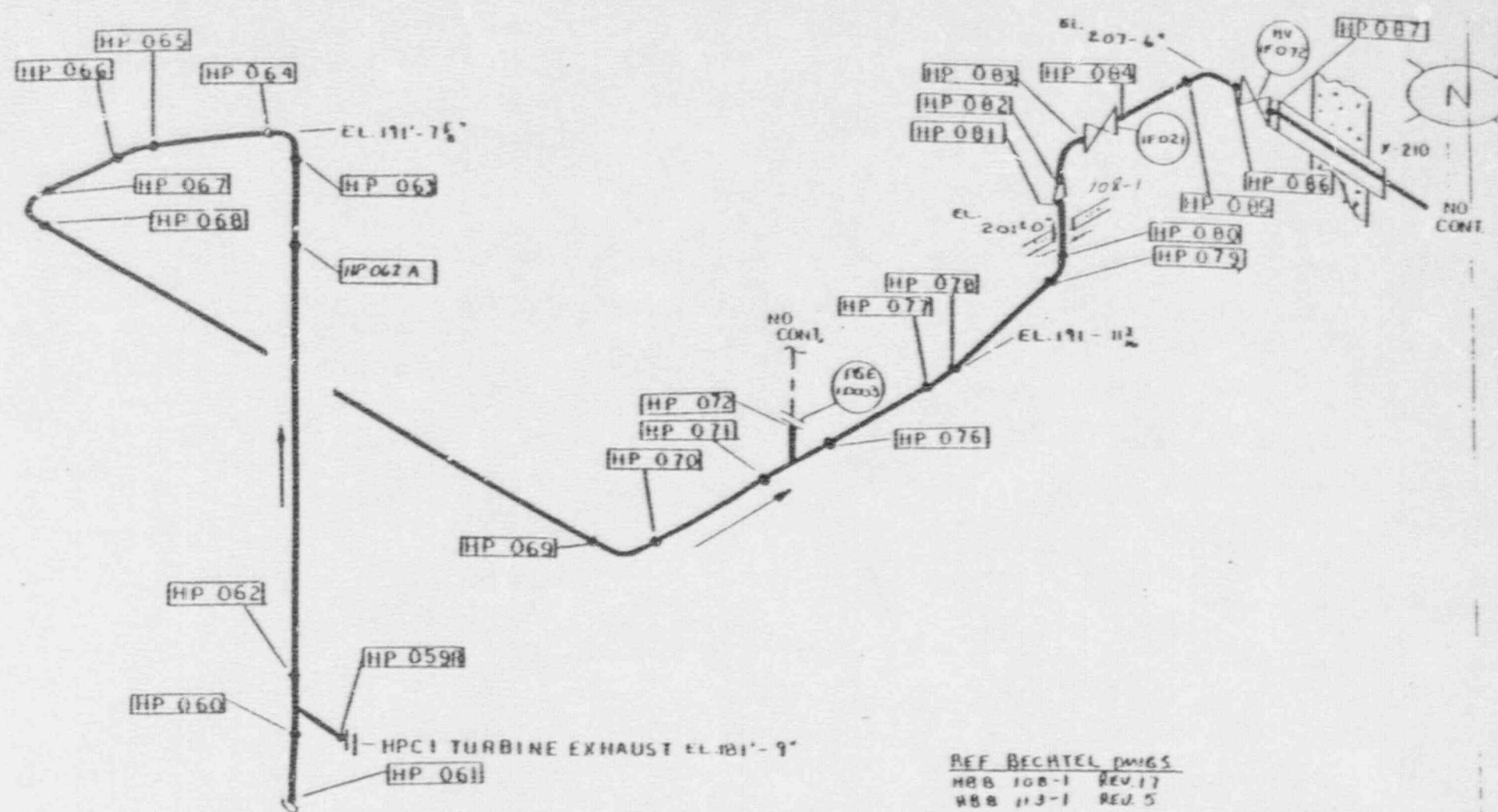
RHR SUPPORTS



REF. NO.	REV.	DATE	BY	CHKD.
106-2	REV. 1			
106-1	REV. 10			
106-1	REV. 20			
106-1	REV. 1			
106-41	REV. 0			
106-55	REV. 1			

FIGURE 02-01
HPCI WELLS

Rev. 0, 11/86



REF BECHTEL DWGS	
HBB 108-1	REV. 17
HBB 113-1	REV. 5
ISI-M-41	REV. 0
ISI-M-55	REV. 1
ISI-M-56	REV. 0

FIGURE 02-03
HPCI WELDS

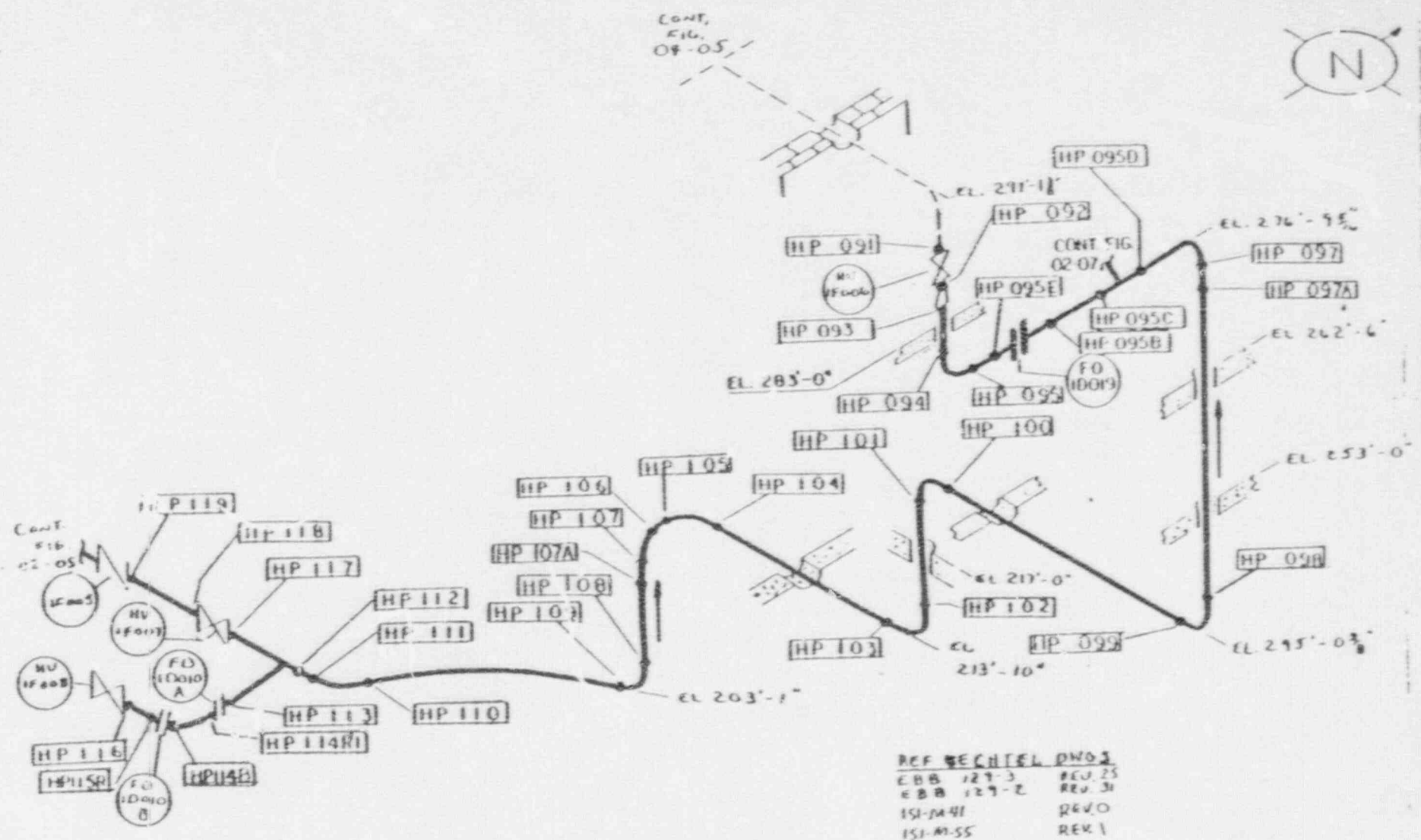
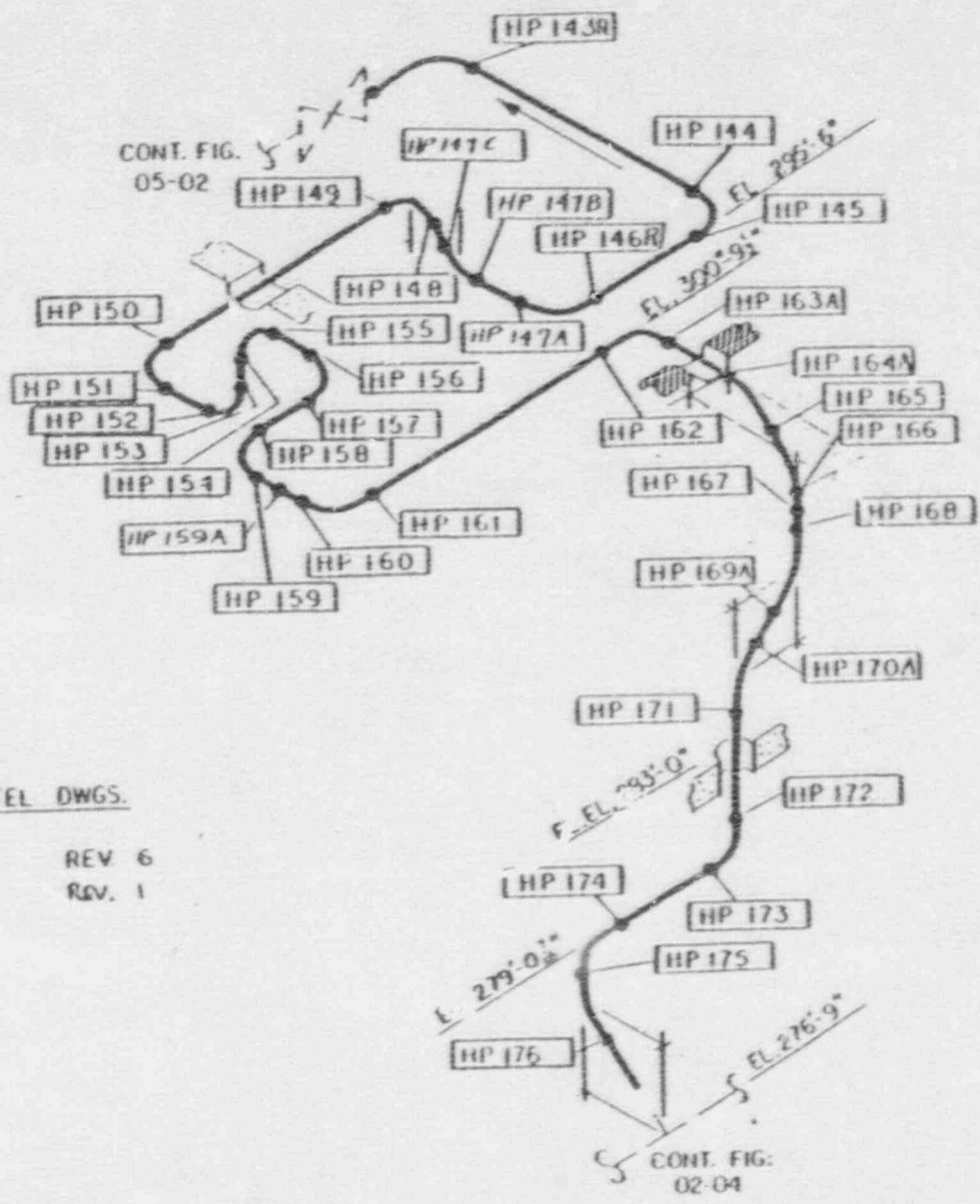
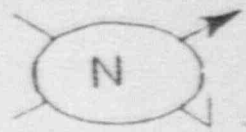


FIGURE 02-34
HPCI WELDS

Rev. 0, 11/86



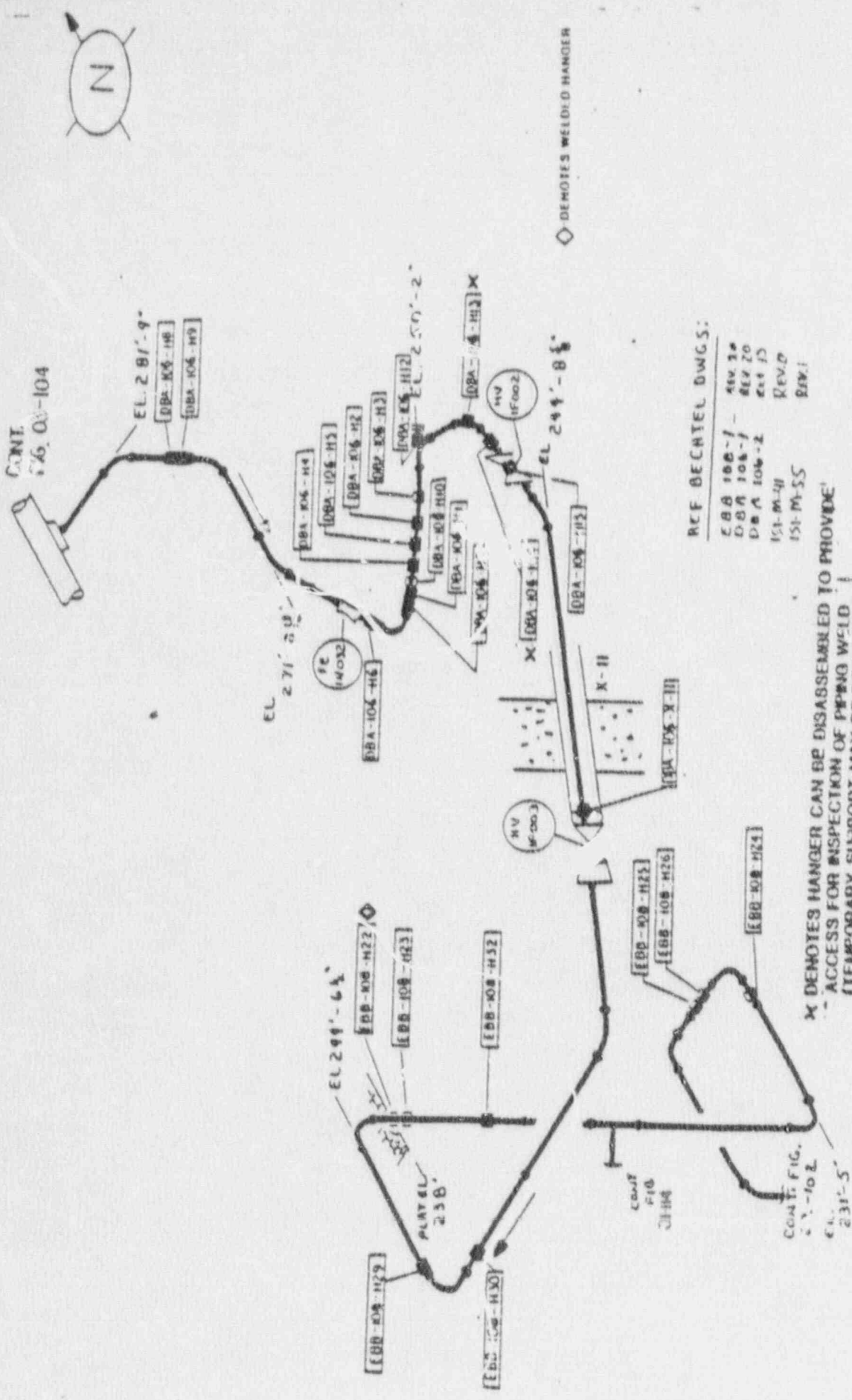
REF BECHTEL DWGS.

EBB-129-4 REV. 6

151-M-55 REV. 1

FIGURE 02-07
HPCI WELDS

11/86



REF BECHTEL DWGS:
 CB 100-1 - REV 10
 DBA 100-1 - REV 20
 DBA 100-2 - REV 25
 ISI-M-41
 ISI-M-55
 REV D
 REV I

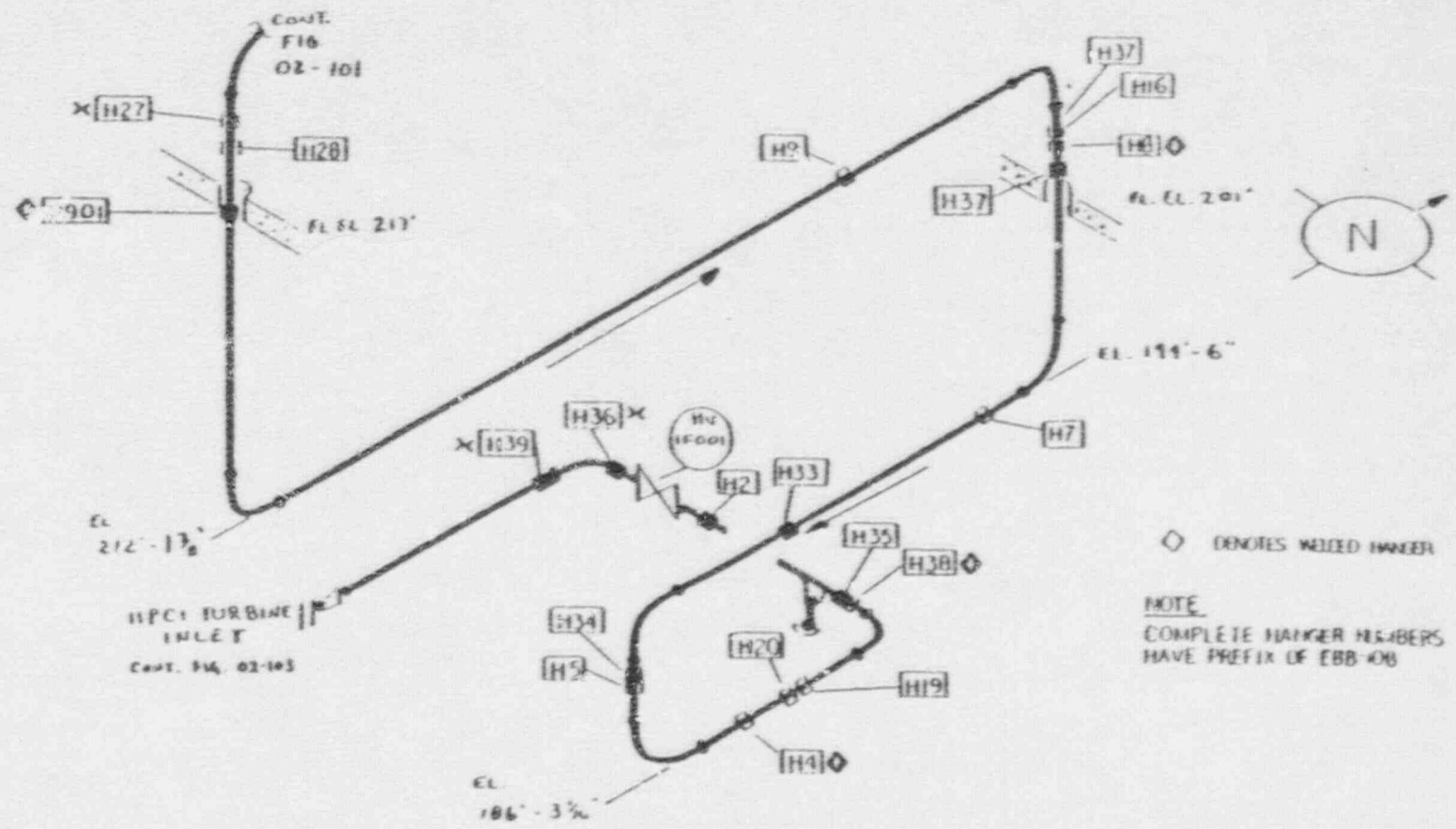
X DEMOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

○ DEMOTES WELDED HANGER



FIGURE 02-101

HPCI SUPPORTS



◇ DENOTES WELDED HANGER

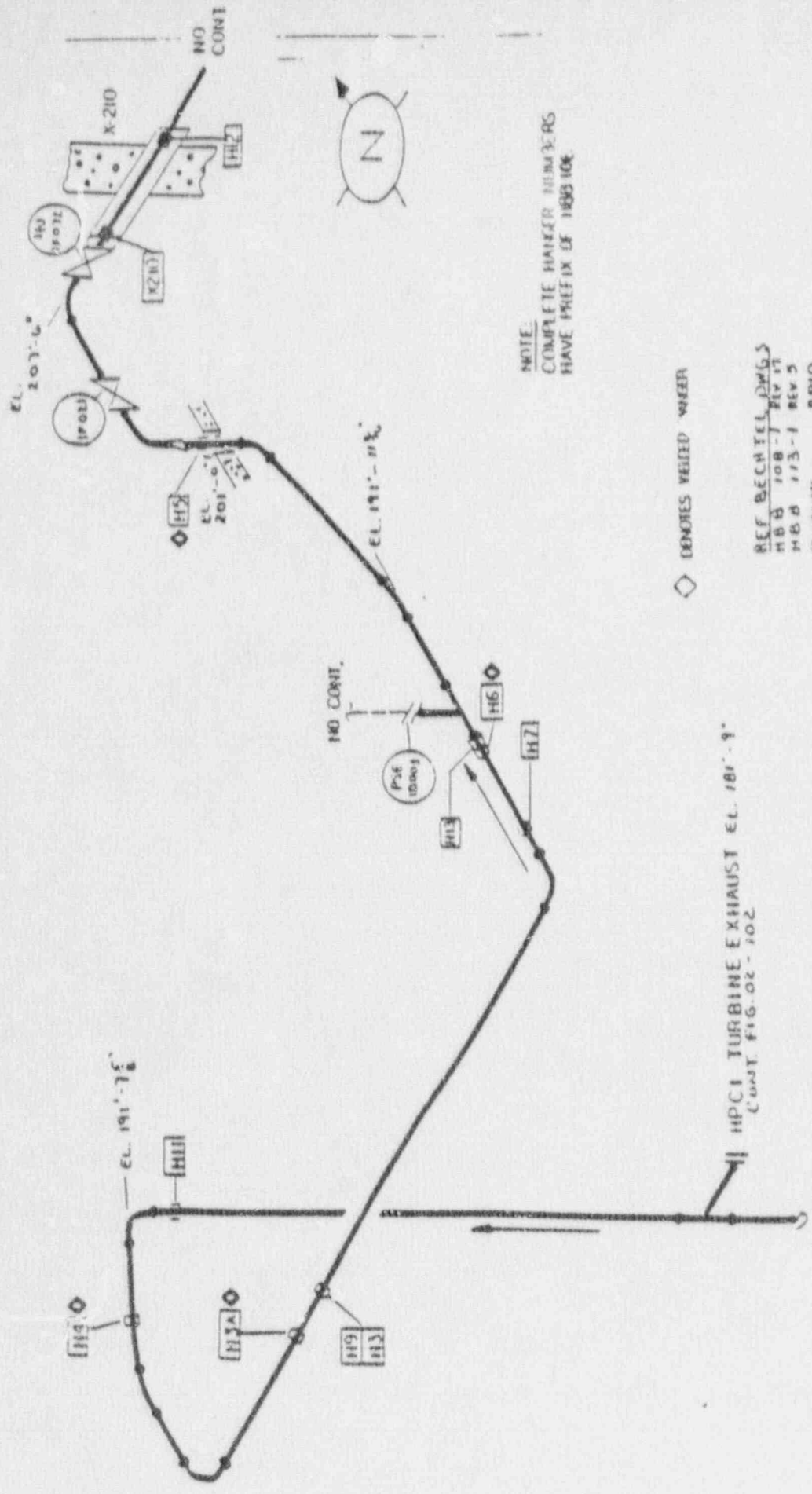
NOTE
COMPLETE HANGER NUMBERS
HAVE PREFIX OF EBB 408

REF BECHTEL DWG	
EBB 408-2	REV E5
ISI-M-41	REV. D
ISI-M-55	REV. 1
ISI-M-56	REV. G

X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

FIGURE 02-102
HPCI SUPPORTS

Rev. 0, 11/86



NOTE:
COMPLETE HANGER NUMBERS
HAVE PREFIX OF 1000100

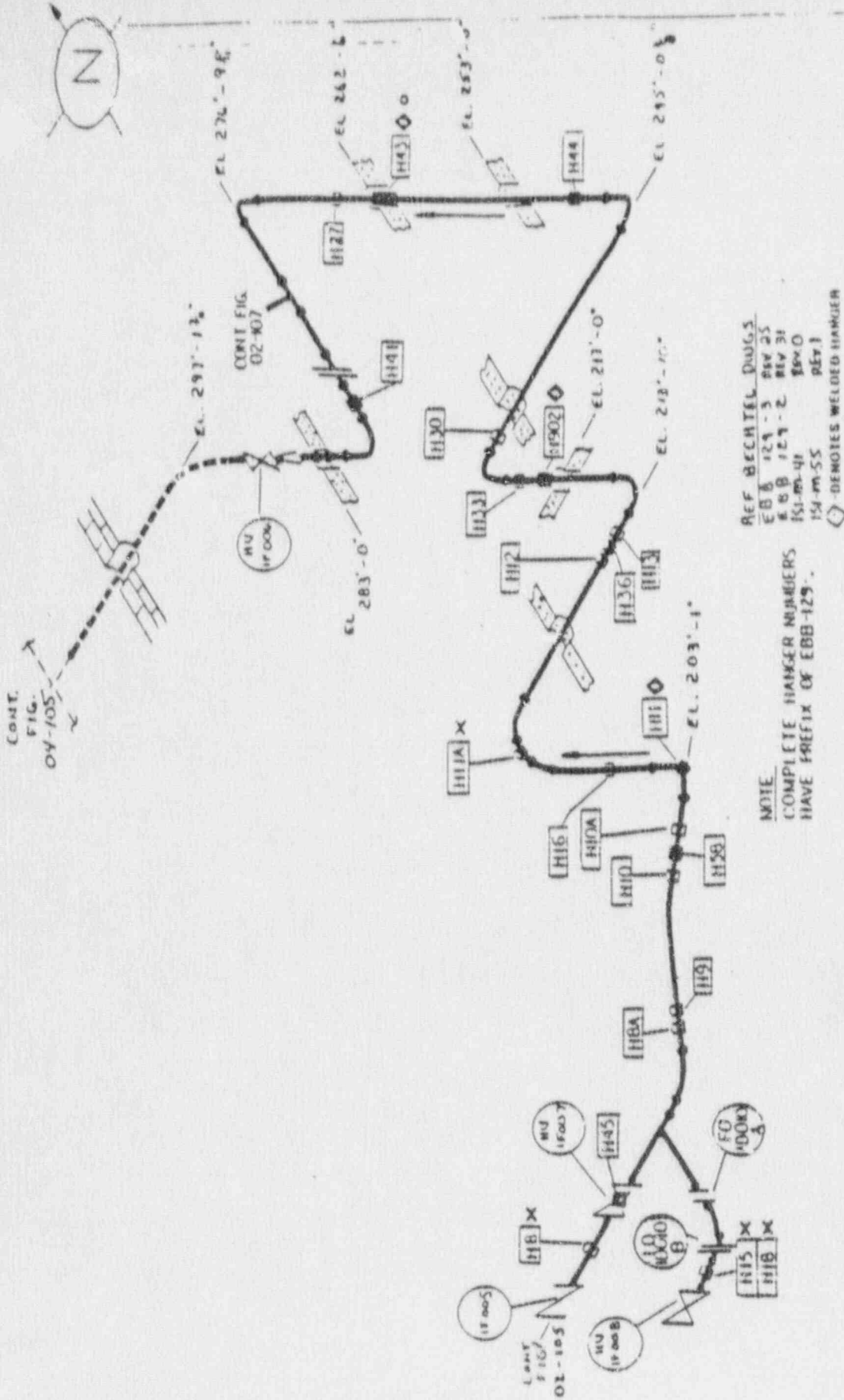
◇ DEMOTES VEDED WHEEL

- REF. BECHTEL Dwg's
 HBB 108-J REV 17
 HBB 113-1 REV 5
 151-M-41 RWD
 151-M-55 REV.1
 151-M-56 RWD

HPC1 TURBINE EXHAUST EL. 181'-9"
 CONT. FIG. 02-102

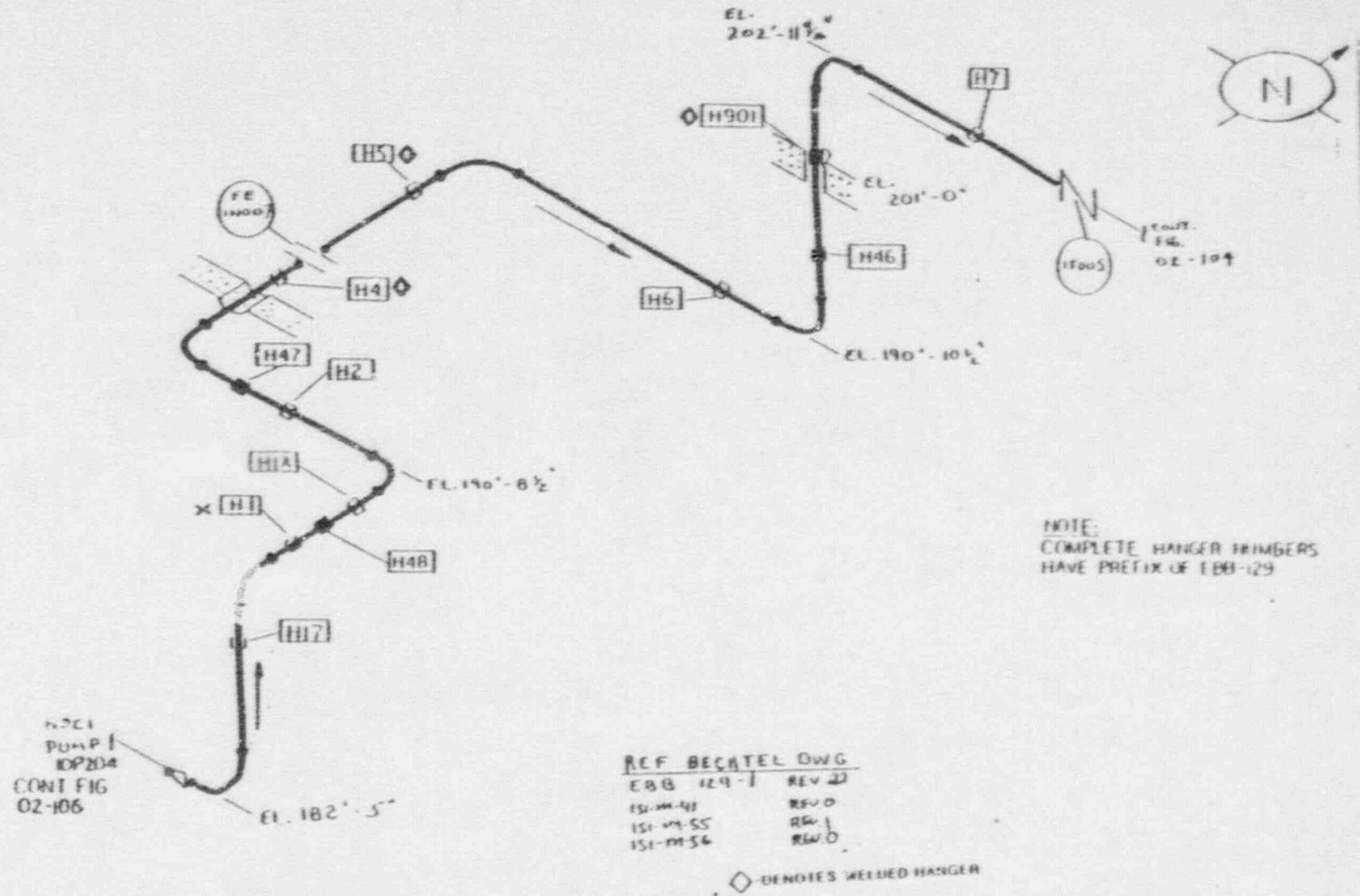
FIGURE 02-103

HPC1 SUPPORTS



- BECHTEL HANGER DETAIL EBB-129-H43 SHOWS TWO SEPARATE RESTRAINTS -- ONE E-W/N-S AND ONE VERTICAL RESTRAINT.
- × DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

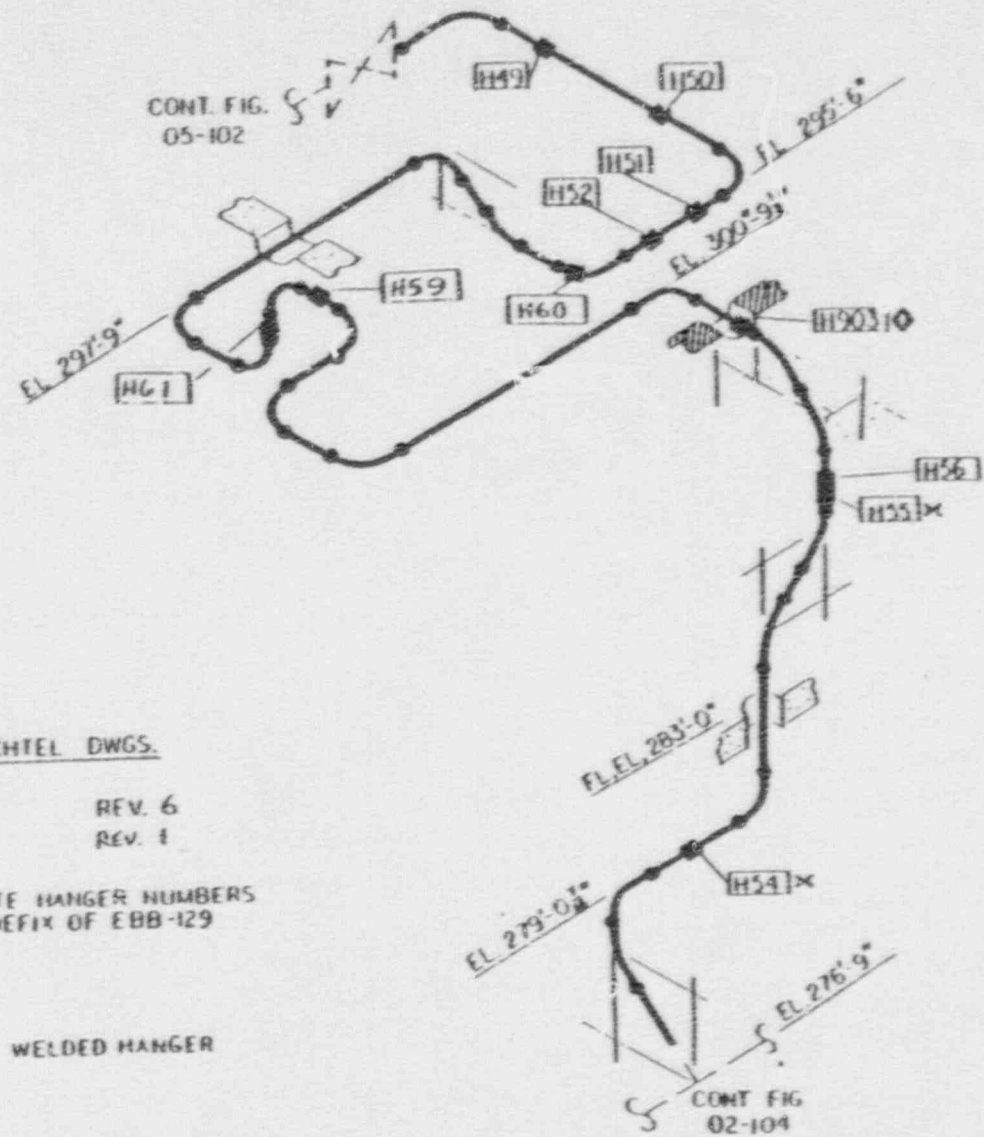
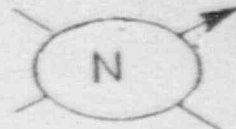
FIGURE 02-104
HPCI SUPPORTS



x DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

FIGURE 02-105
 HPCI SUPPORTS

Rev. 0, 11/86



REF BECHTEL DWGS.

FBB-129-4	REV. 6
ISI-MSS	REV. 1

NOTE.
COMPLETE HANGER NUMBERS
HAVE PREFIX OF EBB-129

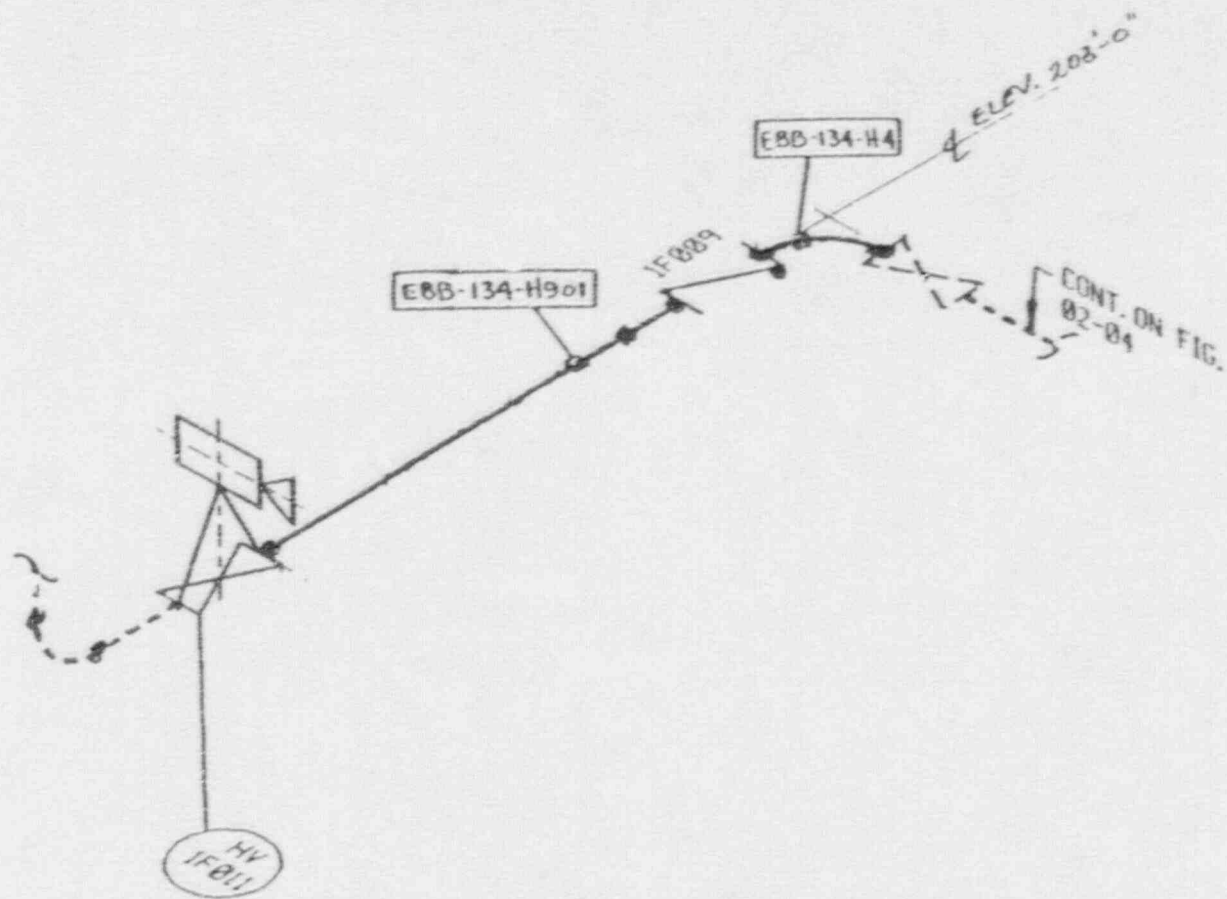
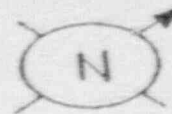
◊ DENOTE WELDED HANGER

× DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD
(TEMPORARY SUPPORT MAY BE REQUIRED)

FIGURE 02-107

HPCI SUPPORTS

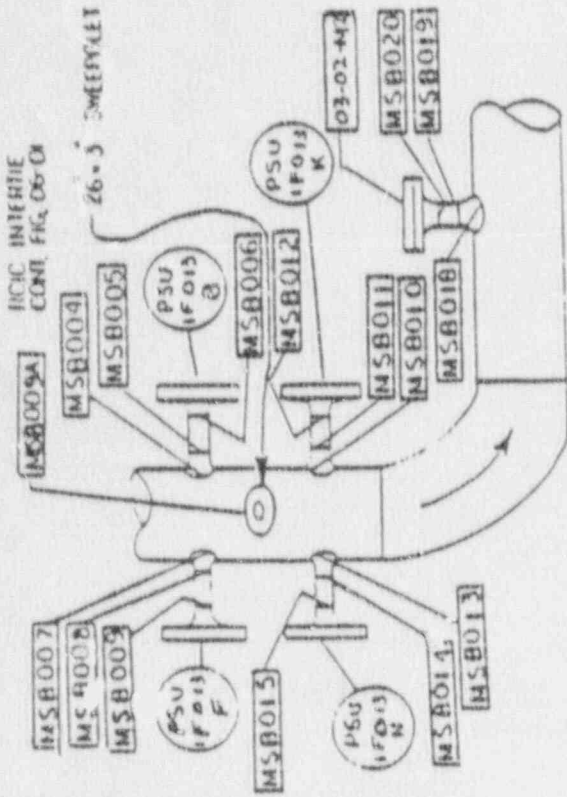
Rev. 0, 11/86



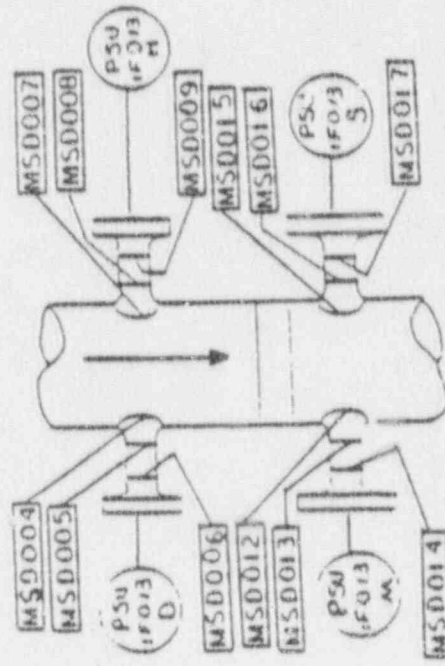
REF. DRAWINGS:
EBB-134-1, REV. 18
151-M-55, REV. 1

FIGURE 02-108
HPCI SUPPORTS

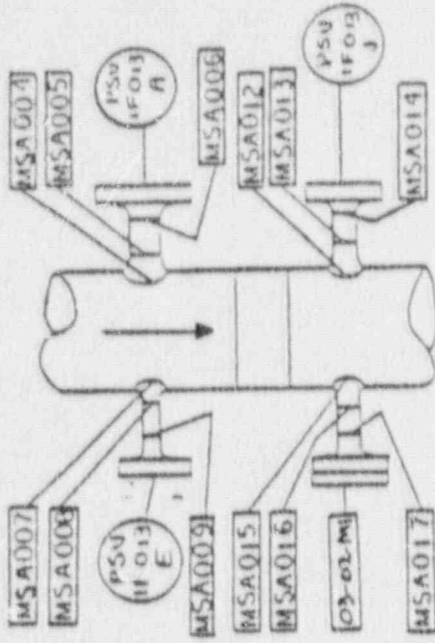
Rev. 0, 11/86



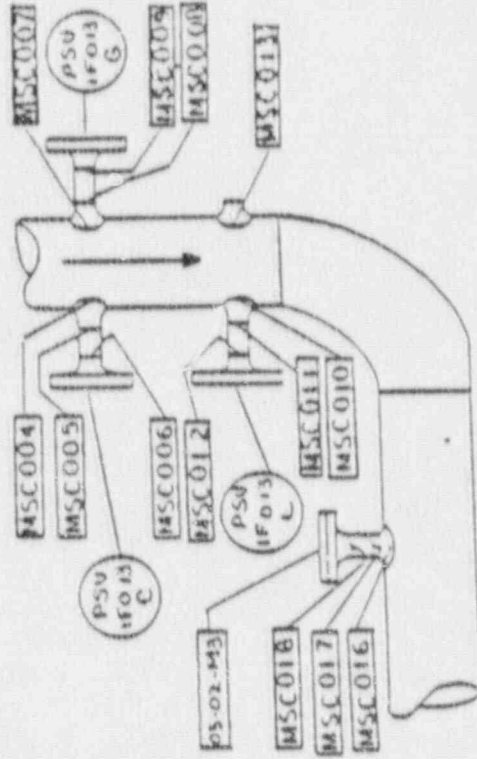
STEAM LINE B
CONT FIG 03-01



STEAM LINE D



STEAM LINE A
CONT FIG 03-01



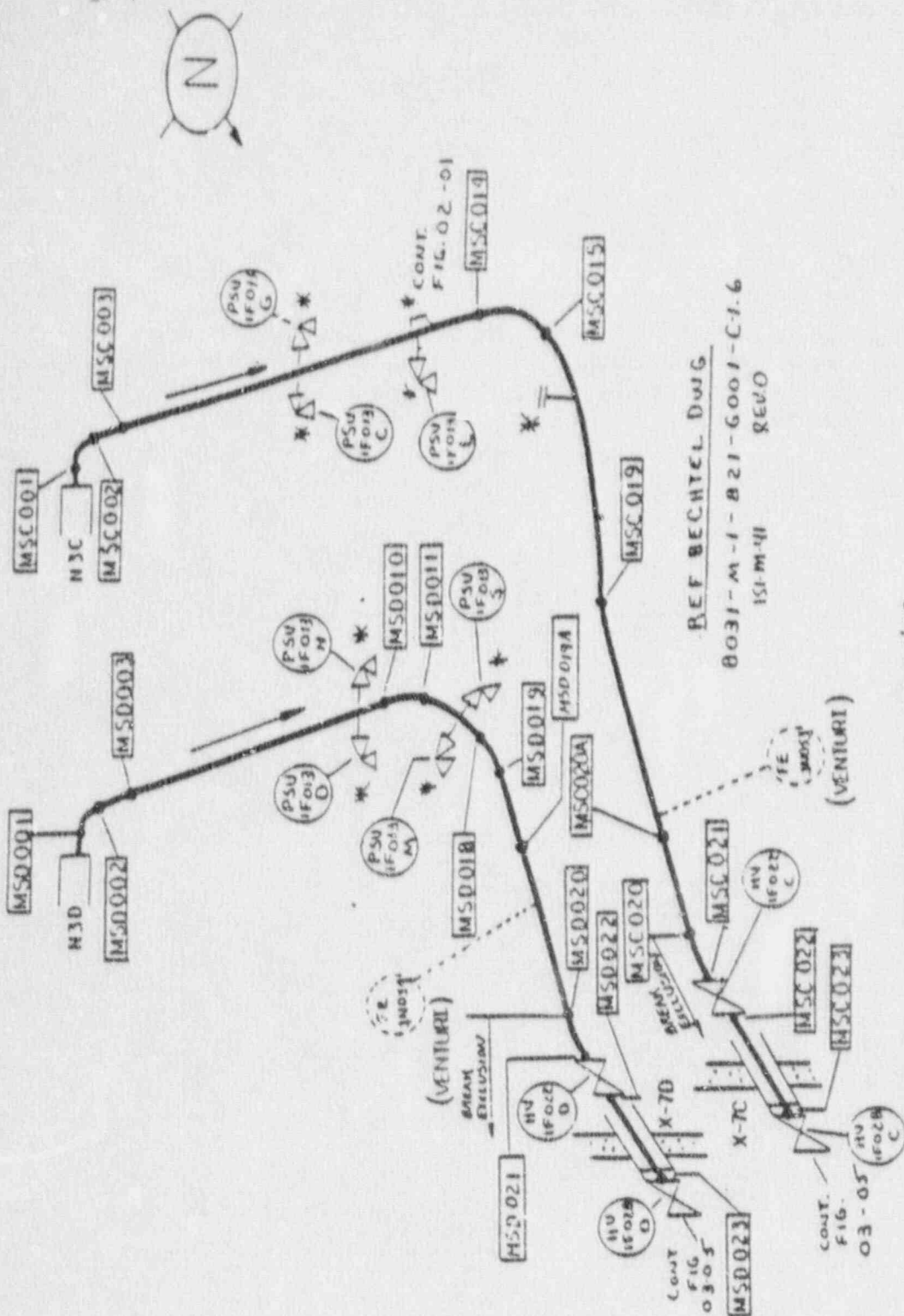
STEAM LINE C
CONT FIG 03-04

REF. BECHT. C.L. DWG.
8021
E.W. A.P.O. - 1MS-1
151-W-41 REV. 0

FIGURE 3-02

MAIN STEAM WELDS

Rev. 0, 11/86



* FOR DETAILS SEE FIG. 03-02

FIGURE 03-04

MAIN STEAM WELDS
LINES C & D

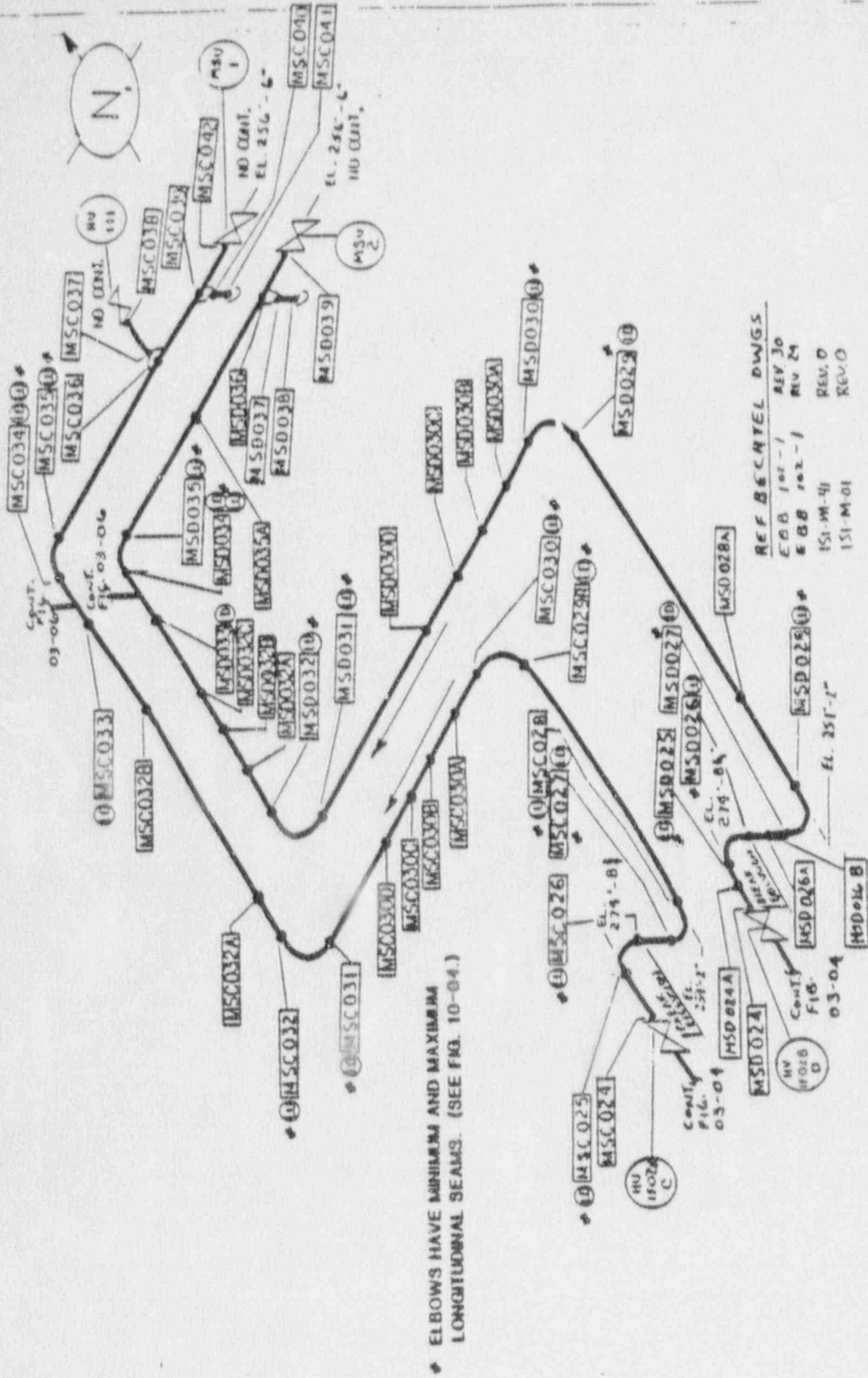


FIGURE 03-05

MAIN STEAM WELDS
LINES C & D

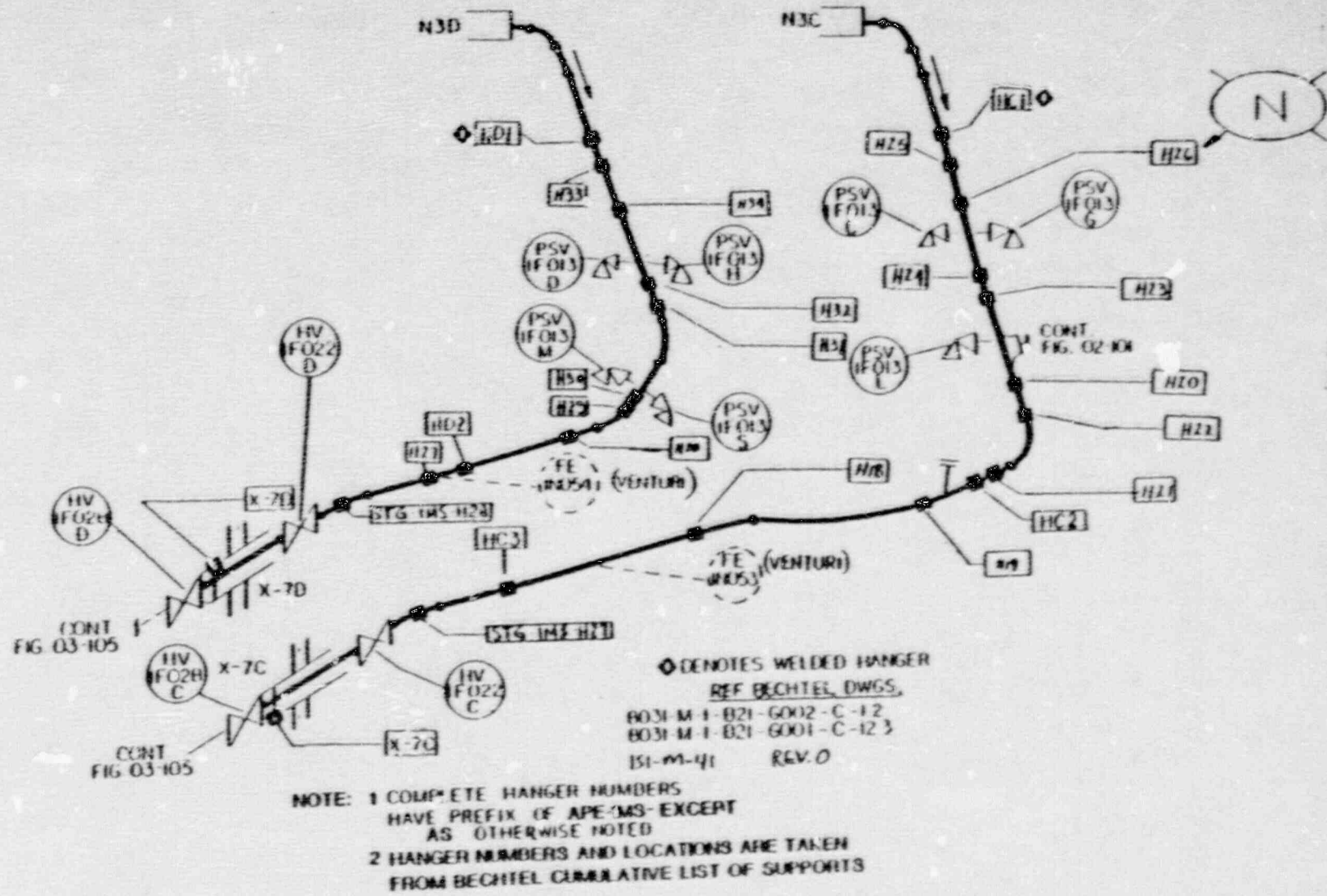
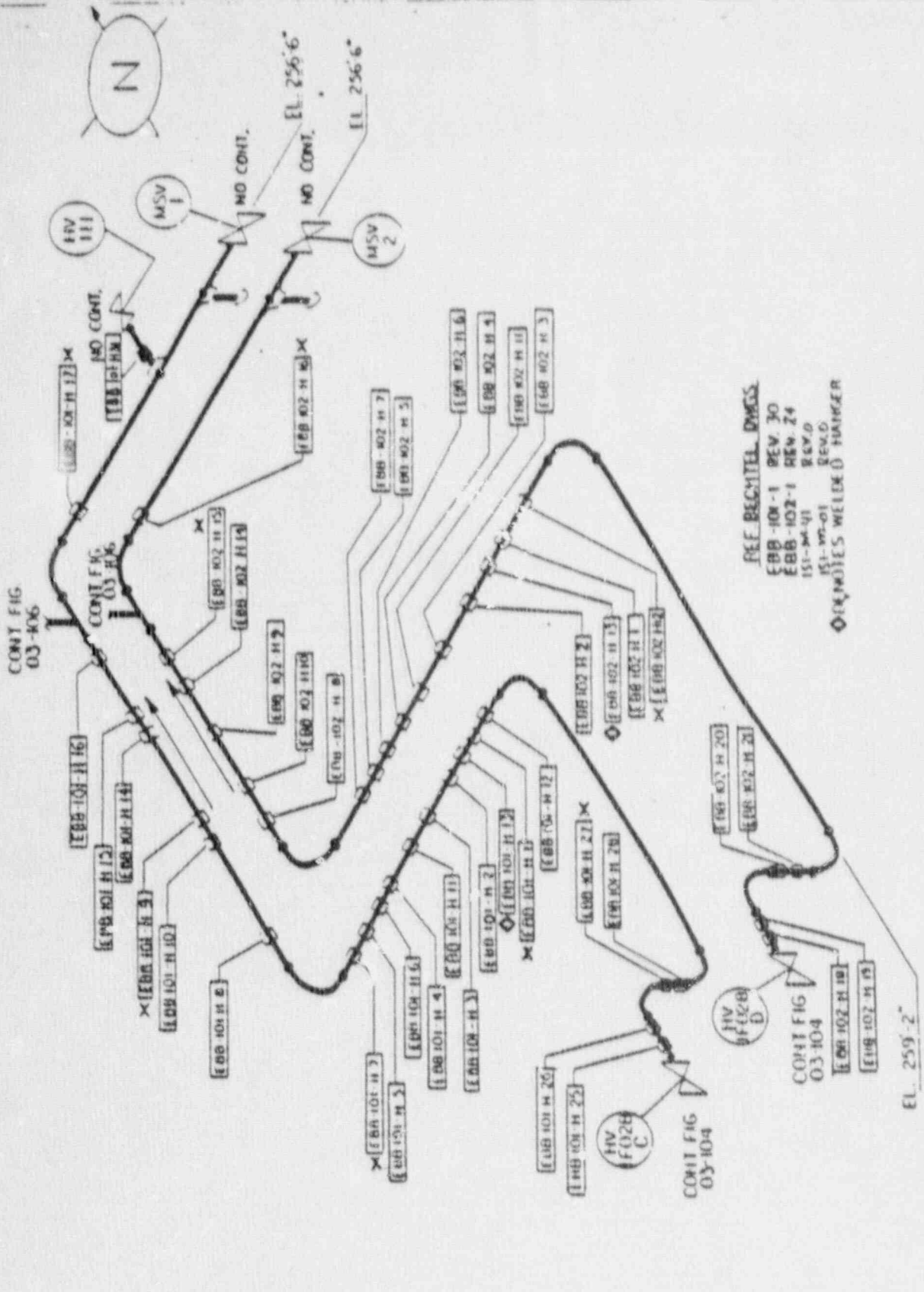


FIGURE 03-106
 MAIN STEAM SUPPORTS
 LINES C & D

Rev. 0, 11/86

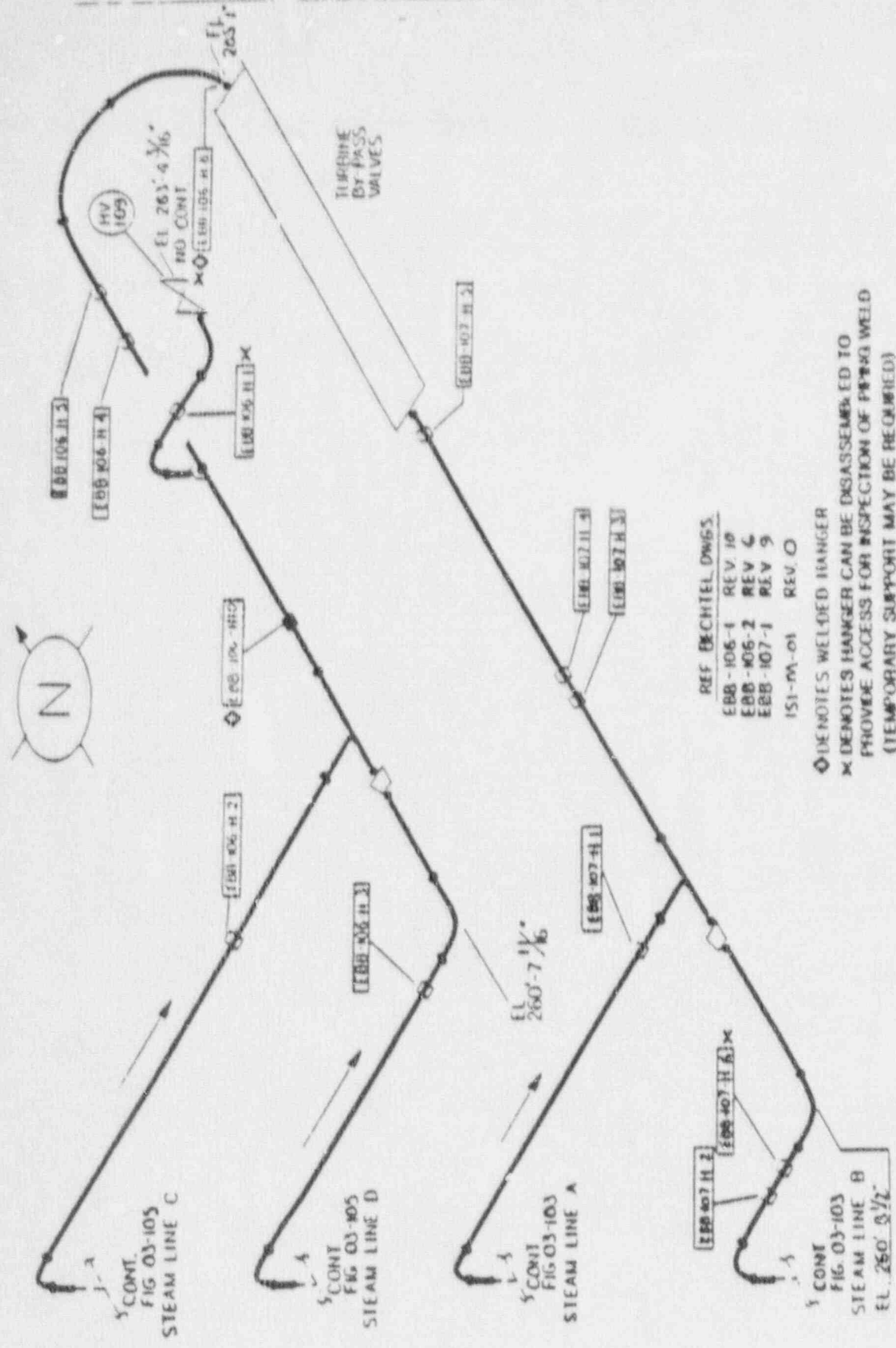


REF BELMONT DWGS
 EBB-101-1 REV. 30
 EBB-102-1 REV. 24
 151-M-41 REV. D
 151-M-01 REV. D
 ○ DENOTES WELDED HANGER

x DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD

FIGURE 03-105

MAIN STEAM SUPPORTS
 LINES C & D

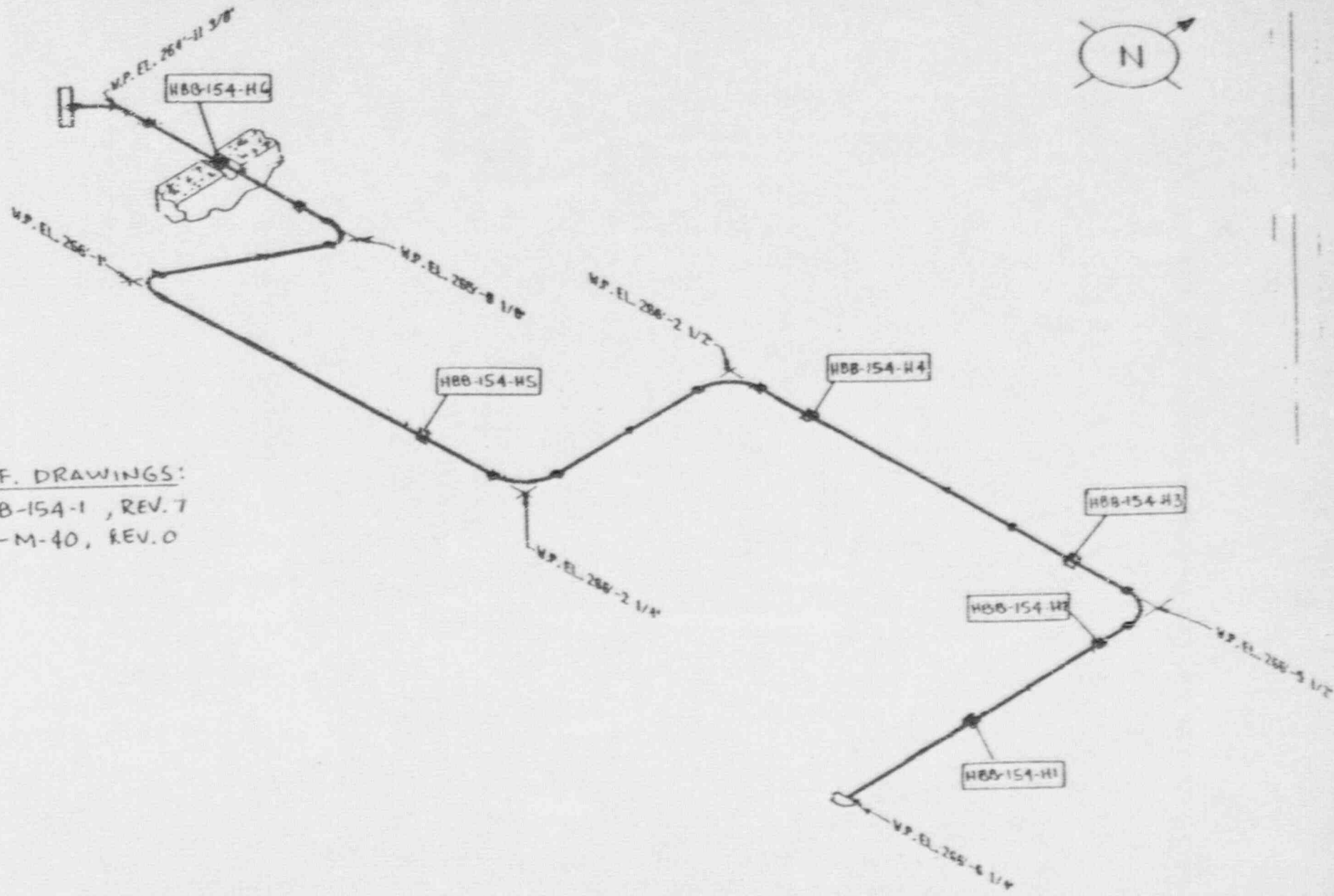
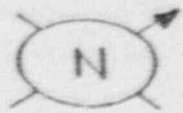


REF BECHTEL DWGS.
 EBB-106-1 REV 10
 EBB-106-2 REV 6
 EBB-107-1 REV 9
 ISI-M-01 REV 0

◊ DENOTES WELDED HANGER
 ✕ DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

FIGURE 03-106

MAIN STEAM SUPPORTS



REF. DRAWINGS:
 HBB-154-1, REV. 7
 ISI-M-40, REV. 0

FIGURE 03-107
 MSIV LEAKAGE CONTROL SUPPORTS

Rev. 0, 11/86

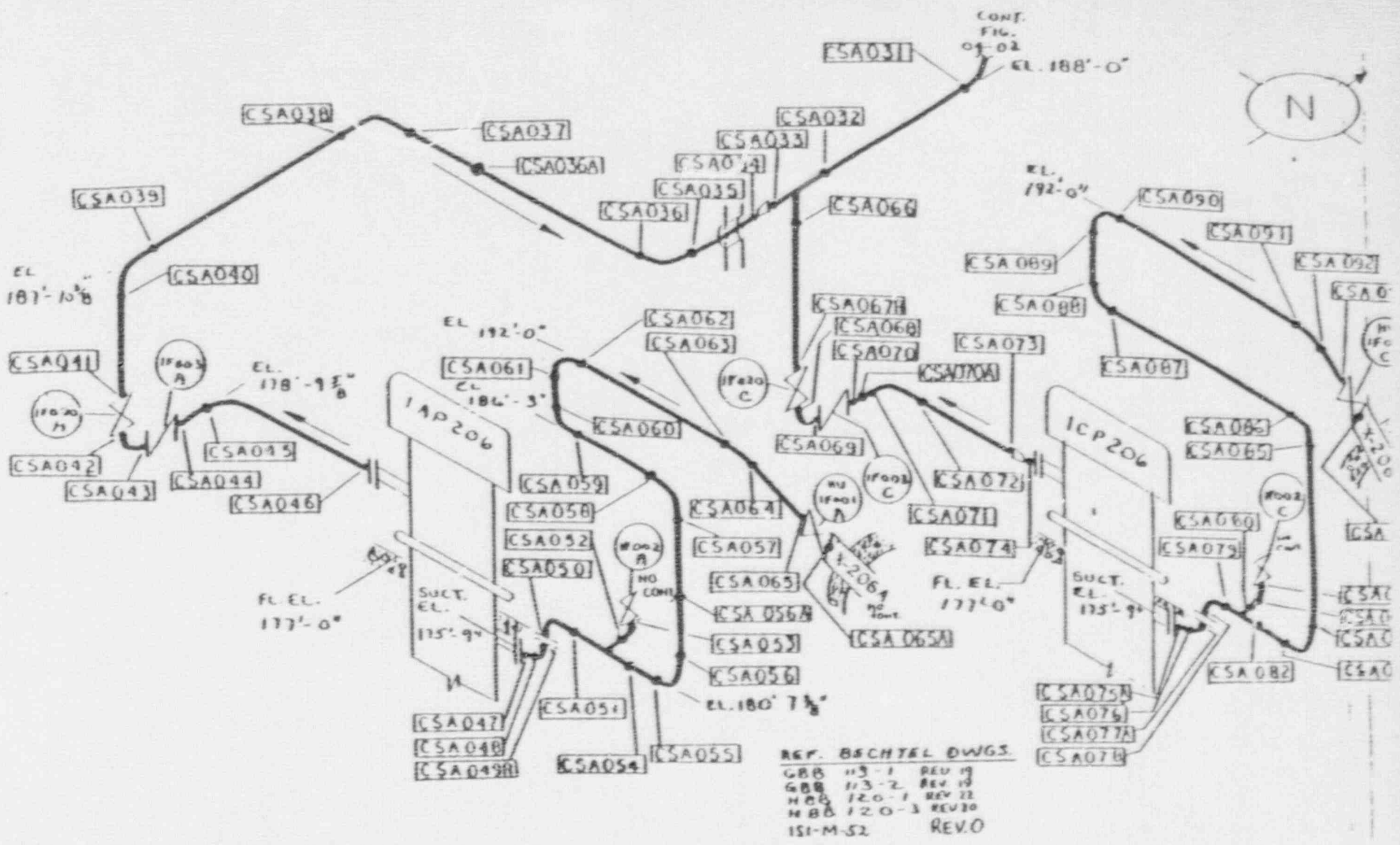
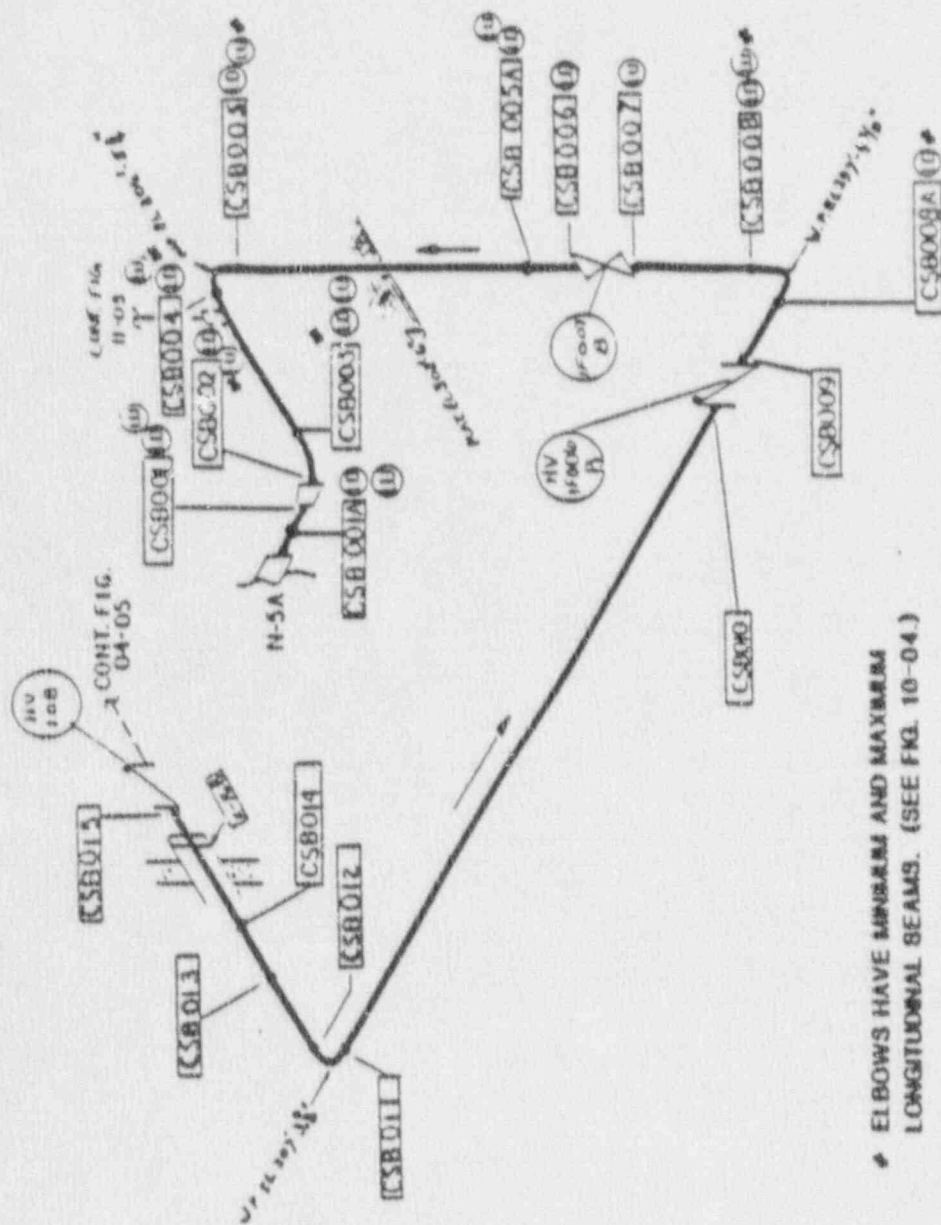


FIGURE 04-03

CORE SPRAY LOOP A WELDS

Rev. 0, 11/86



REF BECHTEL DWG.

DLA 110-7	REV 22
DLA-319-1	REV 16
ISI-M-52	REV 0

FIGURE 04-04

CORE SPRAY LOOP B WELDS

ELBOWS HAVE MINIMUM AND MAXIMUM LONGITUDINAL BEAMS. (SEE FIG. 10-04)

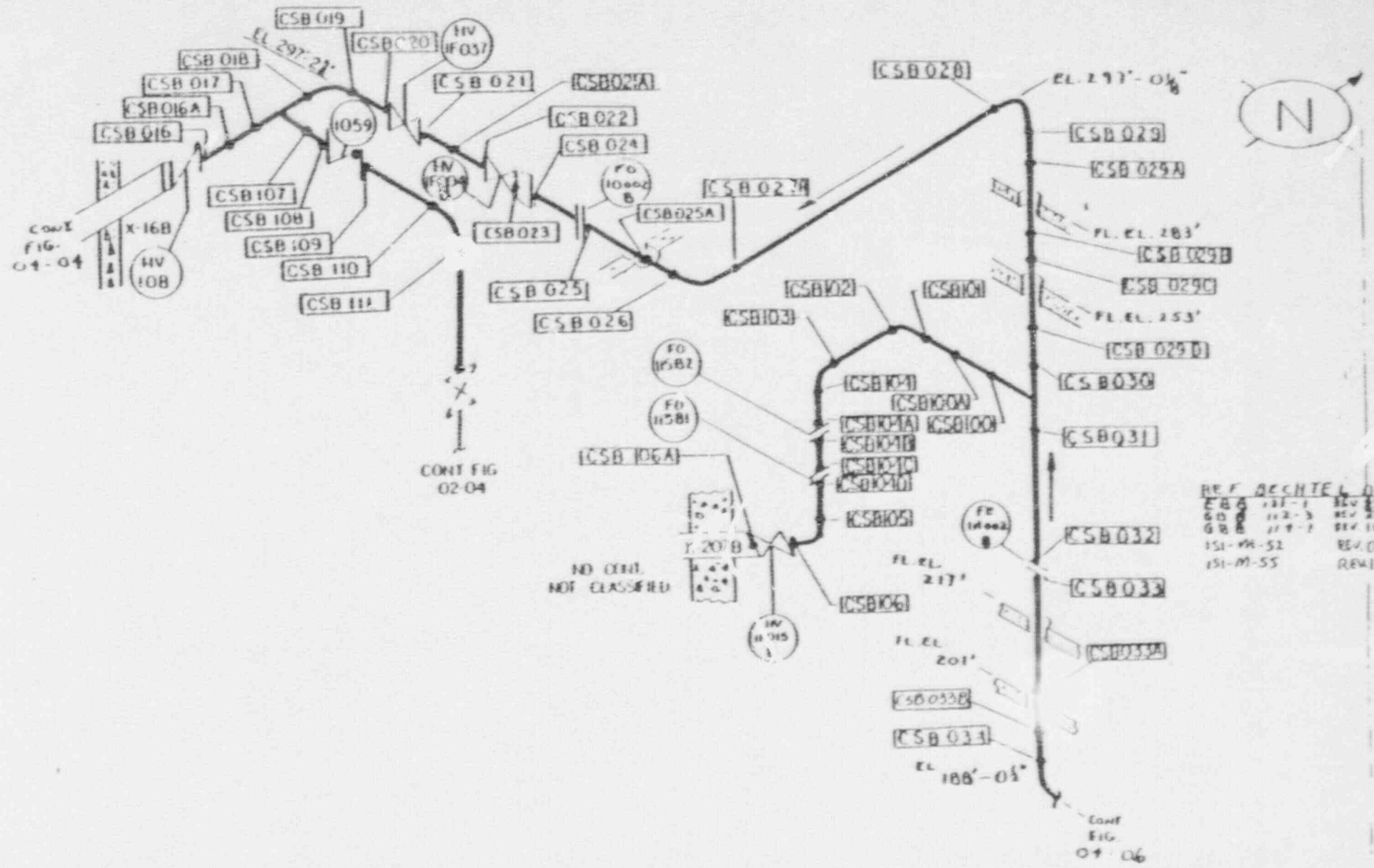


FIGURE 04-05

CORE SPRAY LOOP B WELDS

REV. 0, 11/84

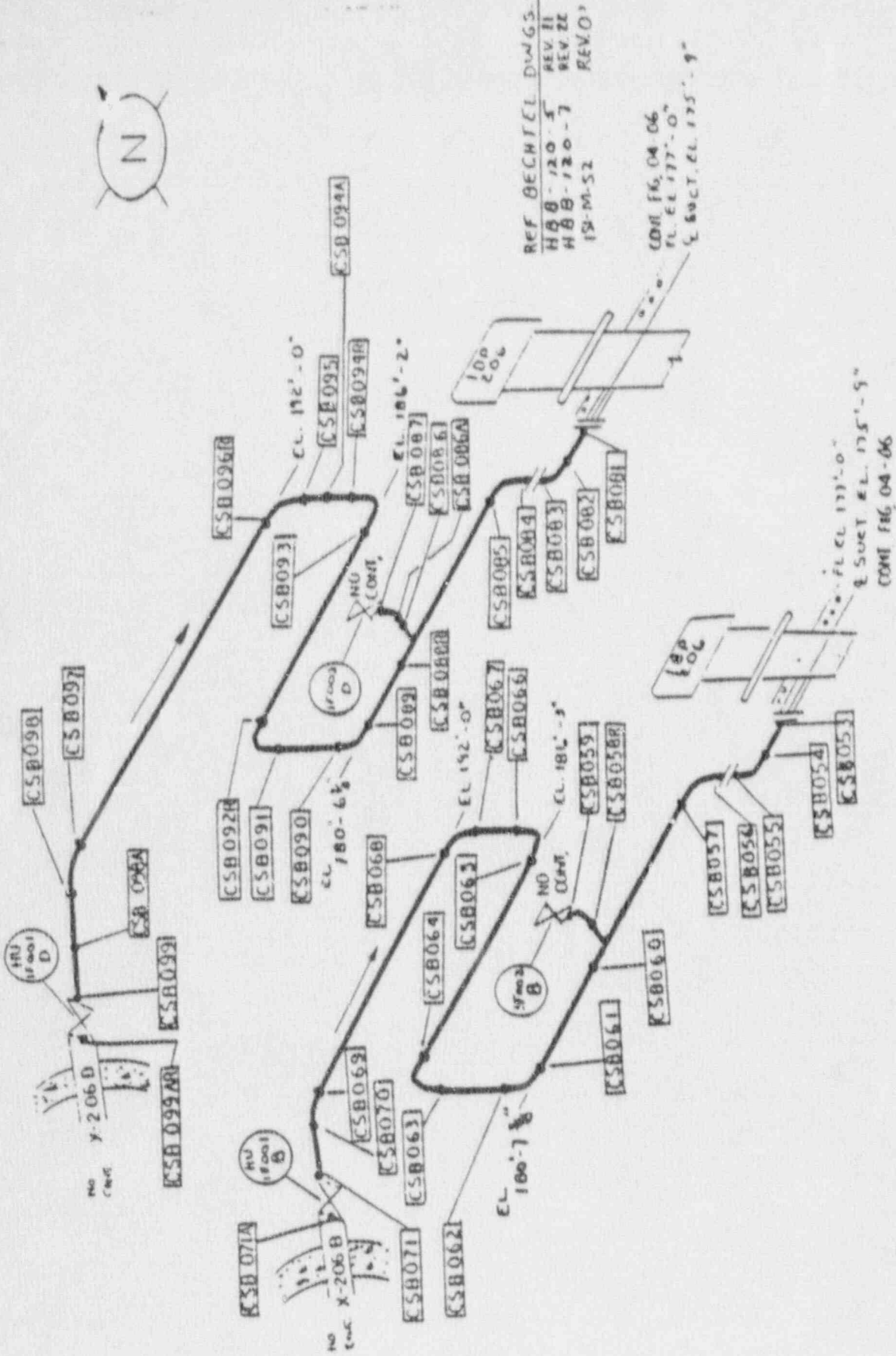
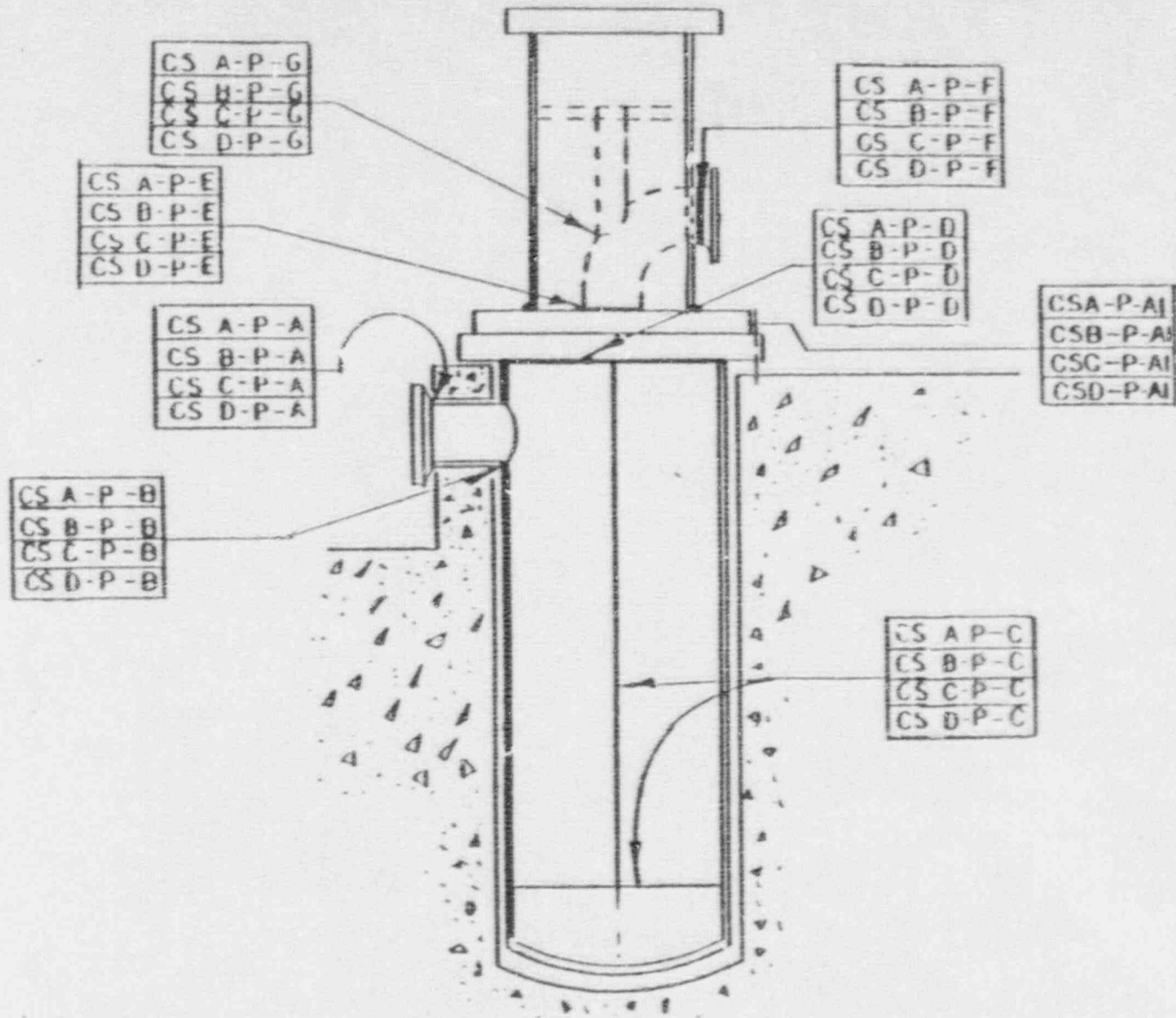


FIGURE 04-07

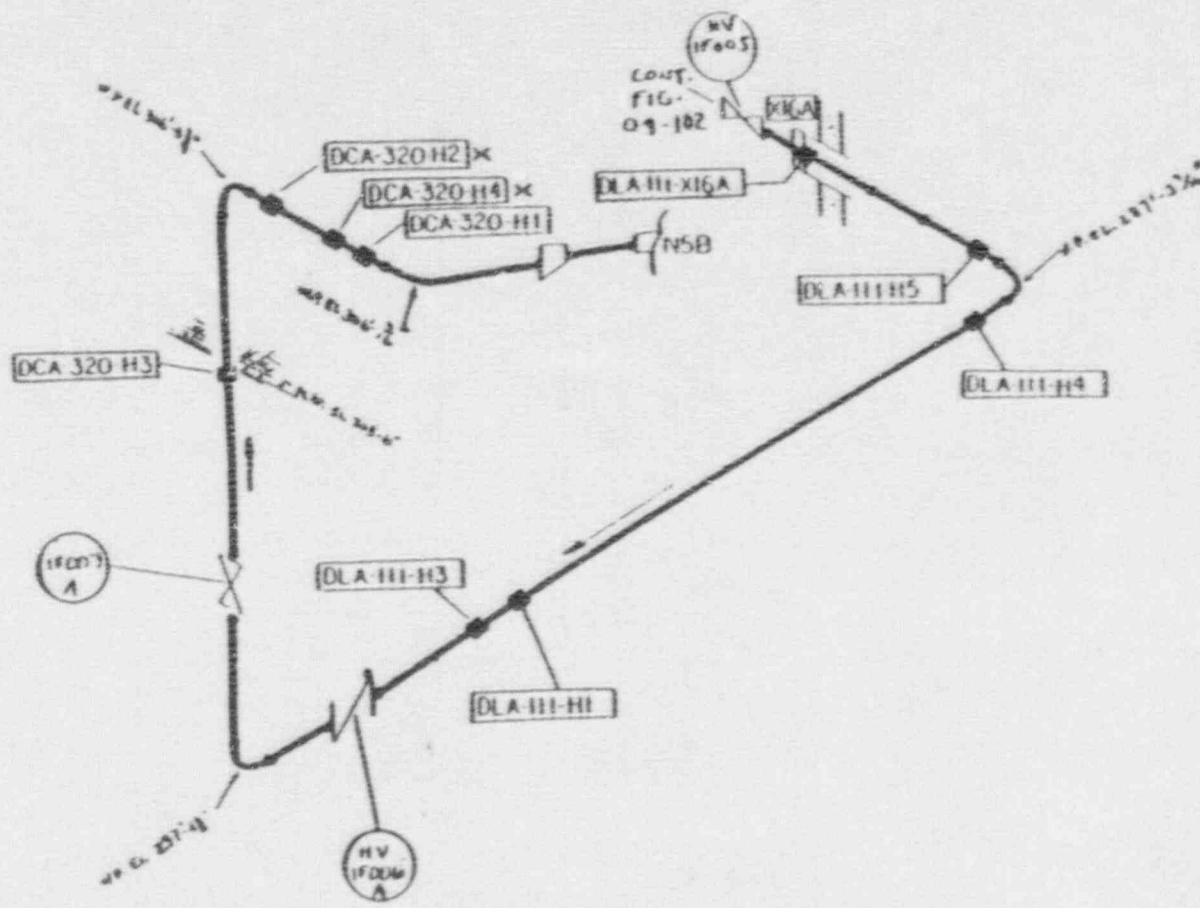
CORE SPRAY LOOP B WELDS



REF INVERTOLL RAND DWG:
F-34APXD500X4

FIGURE 04-09

CORE SPRAY PUMP WELDS & SUPPORTS

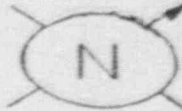
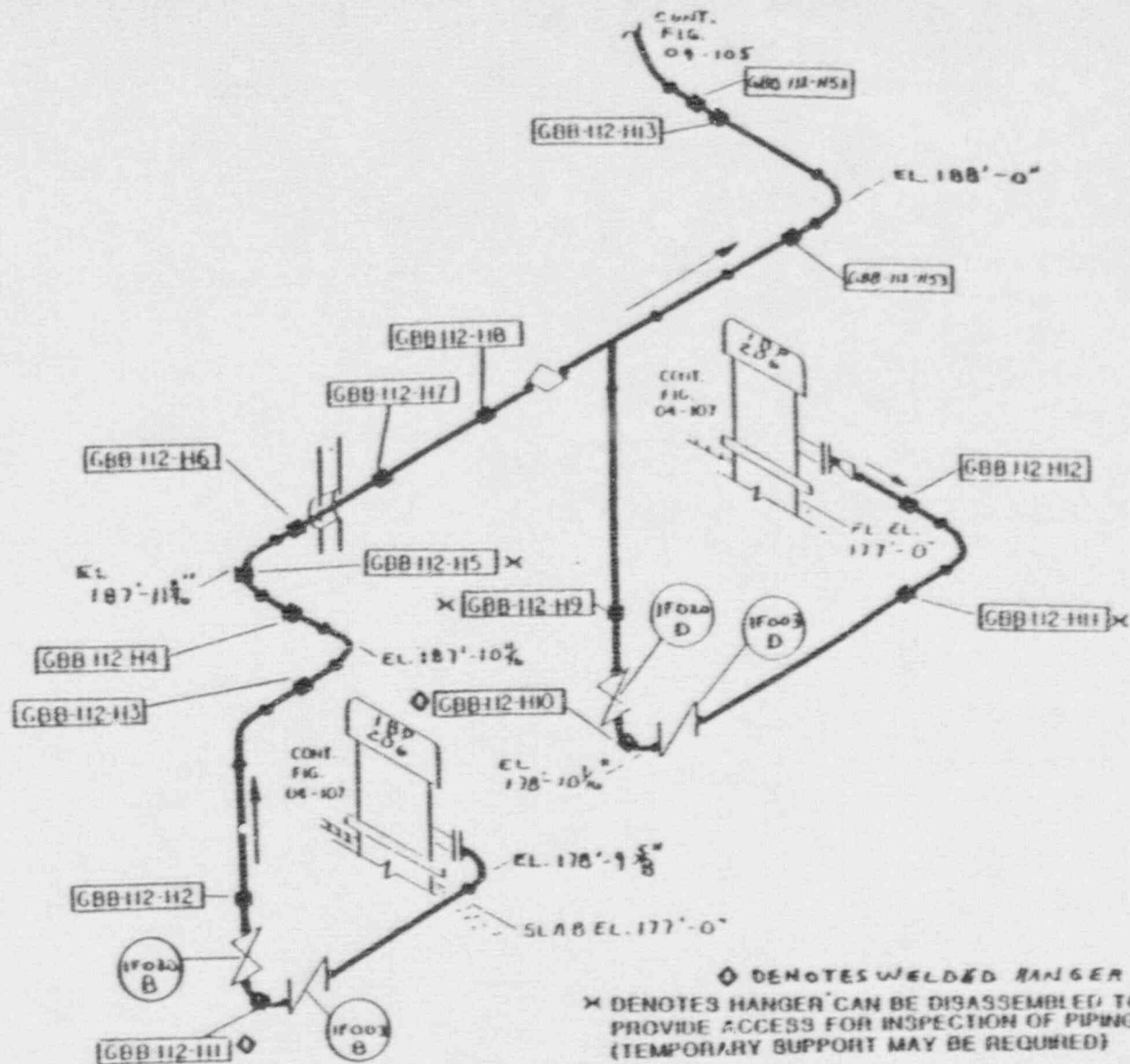


REF BECHTEL DWG

DLA III-1	REV. 22
DLA 320-1	REV. 13
ISI-M-52	REV. 0

X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

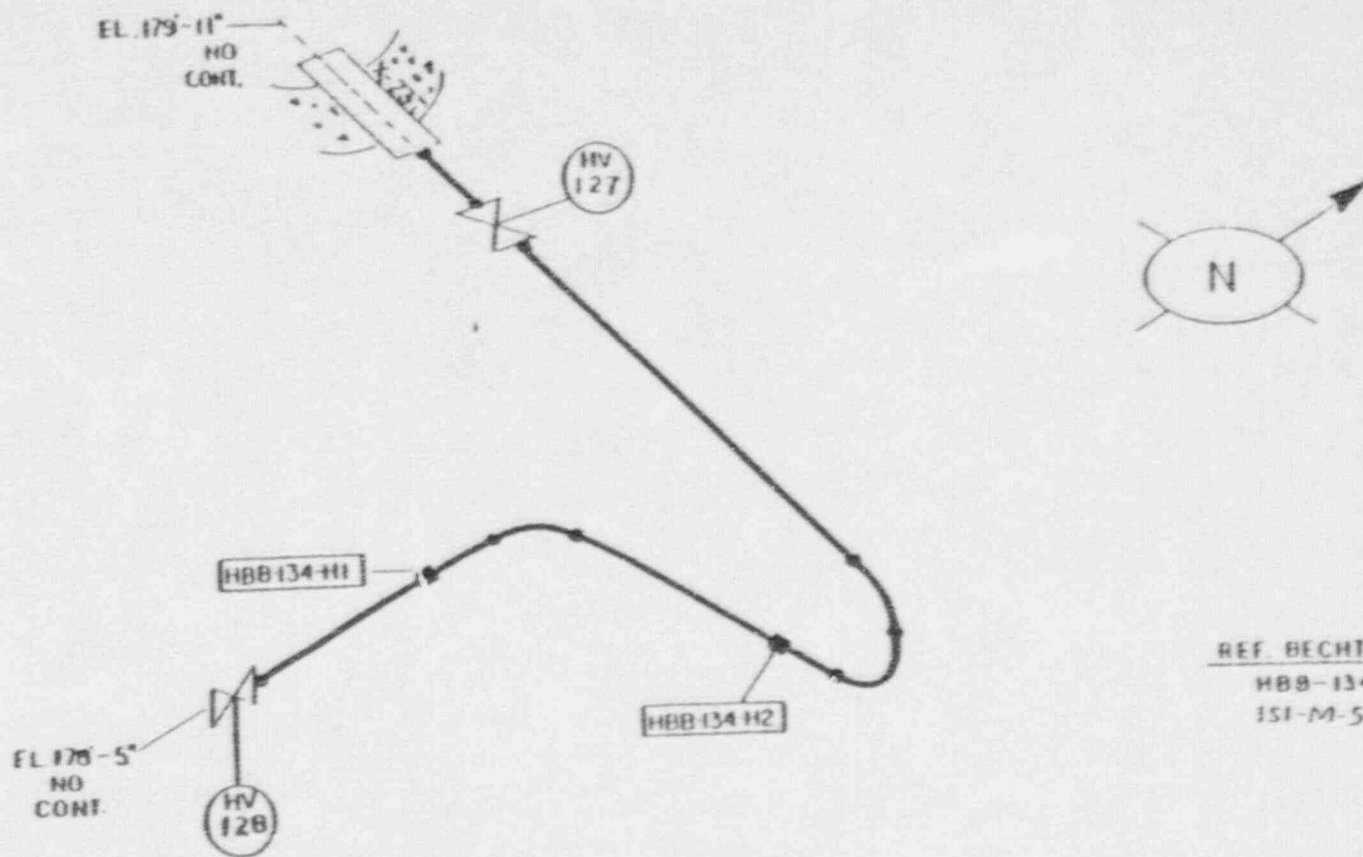
FIGURE 04-101
CORE SPRAY LOOP A SUPPORTS



REF. BECHTEL DWG
 GBB-112-1 REV. 1
 GBB-112-2 REV. 2
 ISI-M-52 REV. 0

◇ DENOTES WELDED HANGER
 X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

FIGURE 04-106
 CORE SPRAY LOOP B SUPPORTS



REF BECHTEL DWG
 HBB-134-1 REV 10
 151-M-52 REV 0

FIGURE 04-108
 CORE SPRAY LOOP C SUPPORTS



FWA-042
Should be
on 02-07

REF.	BECHTEL	DWG.
DBB-103-1	REV. 14	
151-M-47	REV. 0	
151-M-55	REV. 1	

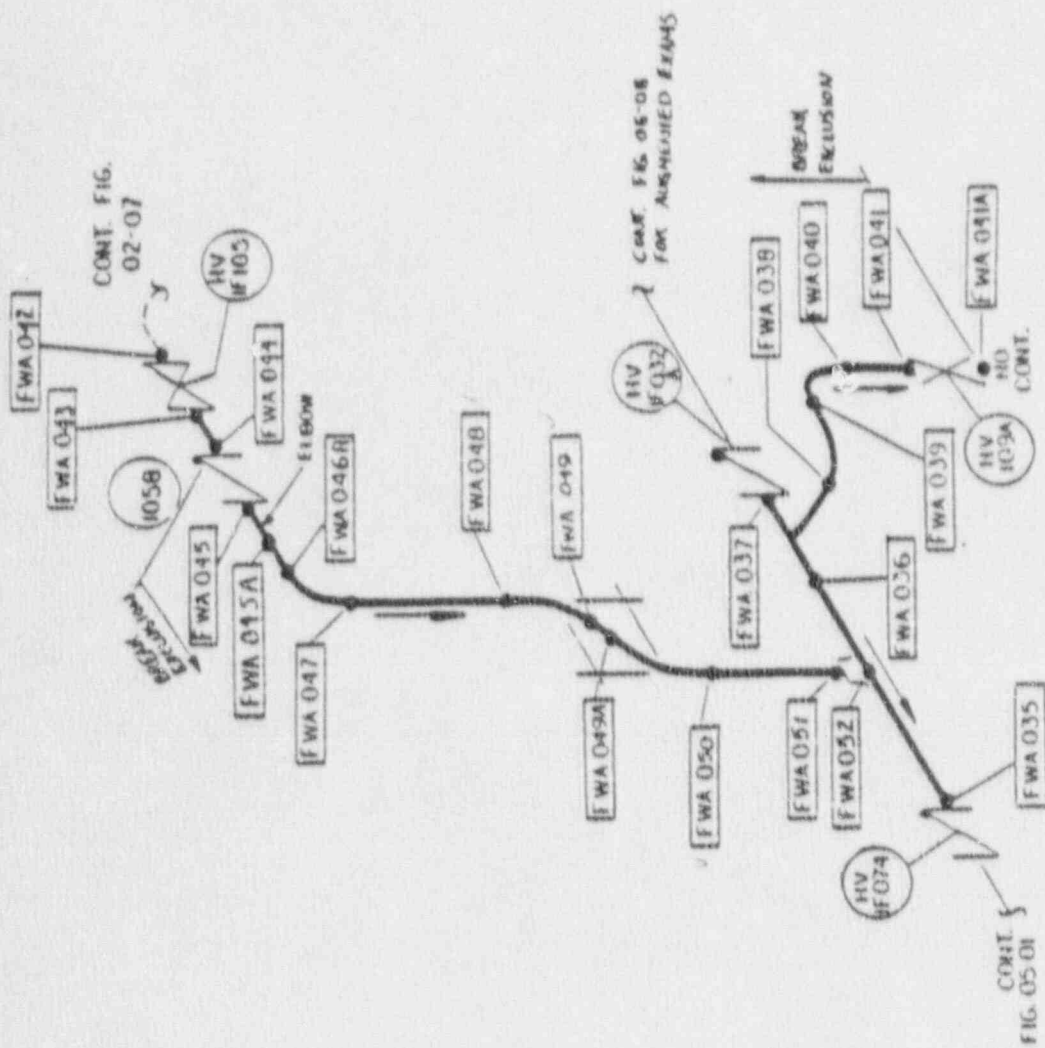
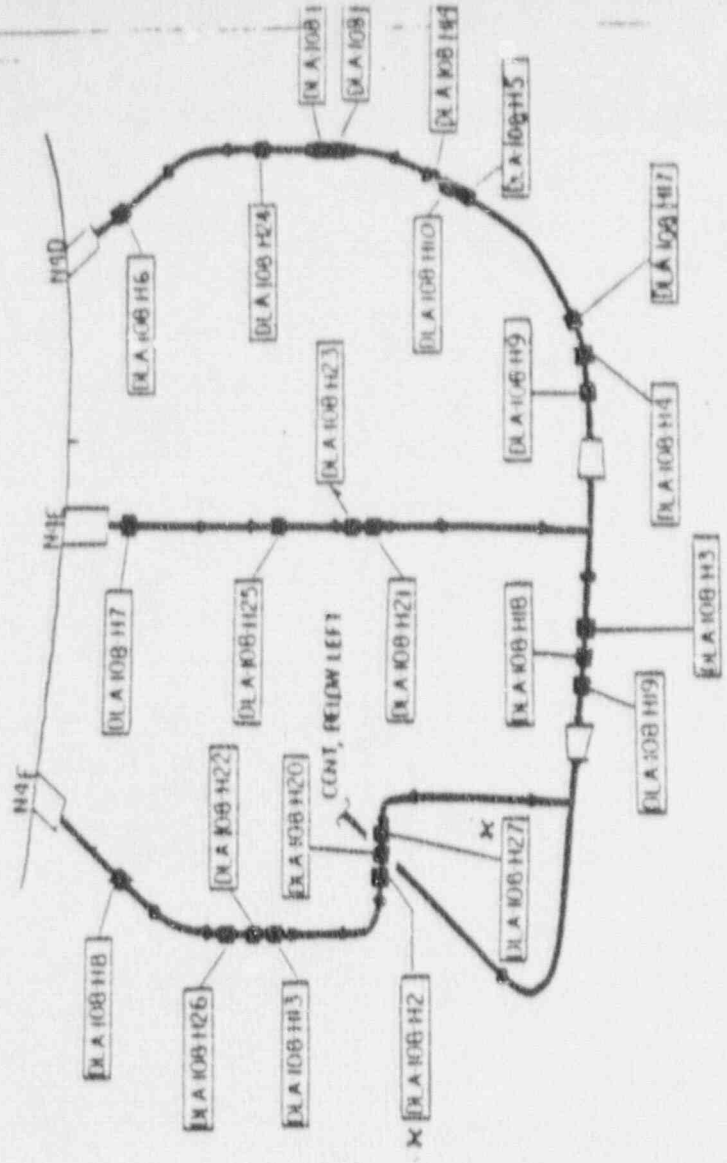
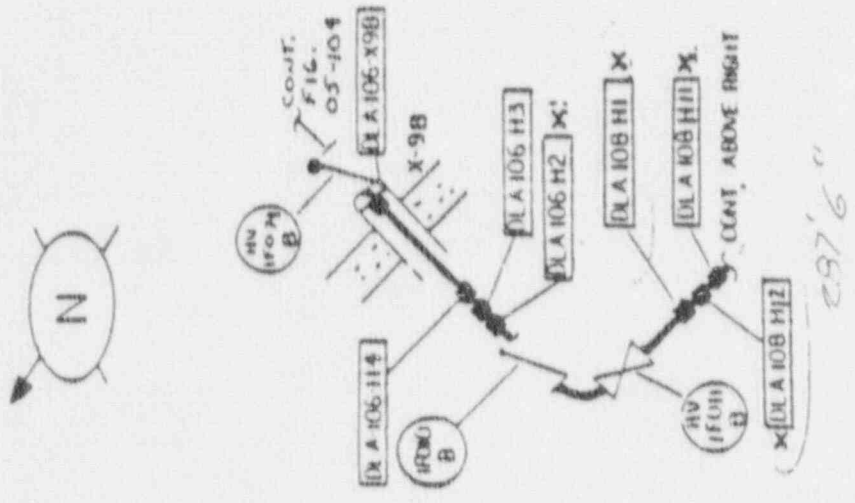


FIGURE 05-02

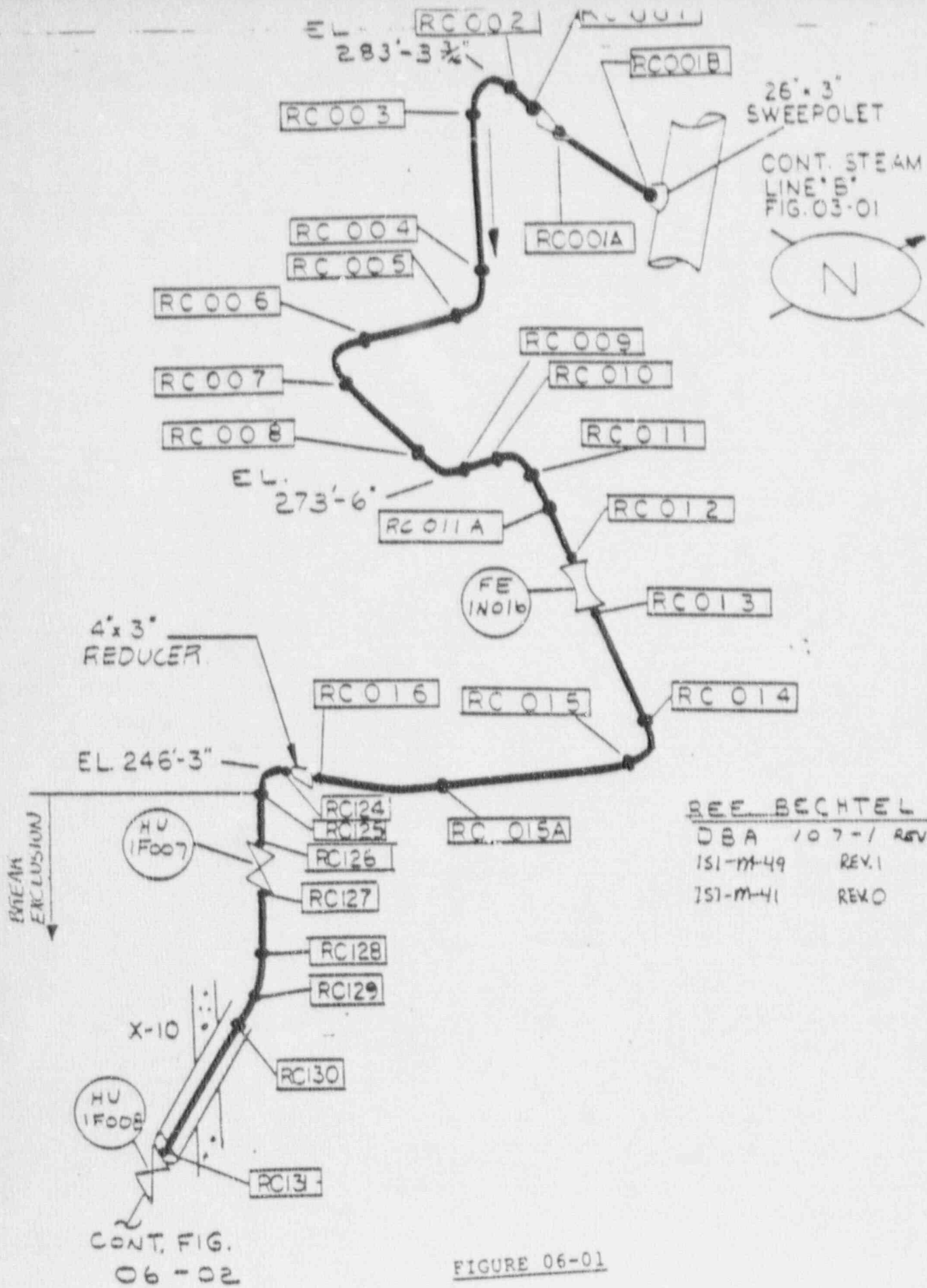
FEEDWATER LOOP A WELDS



X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)



FEEDWATER LOOP B SUPPORTS



SEE BECHTEL DWG.
 DBA 107-1 REV. 27
 151-M-49 REV. 1
 151-M-41 REV. 0

FIGURE 06-01

RCIC WELDS

Rev. 0, 11/86

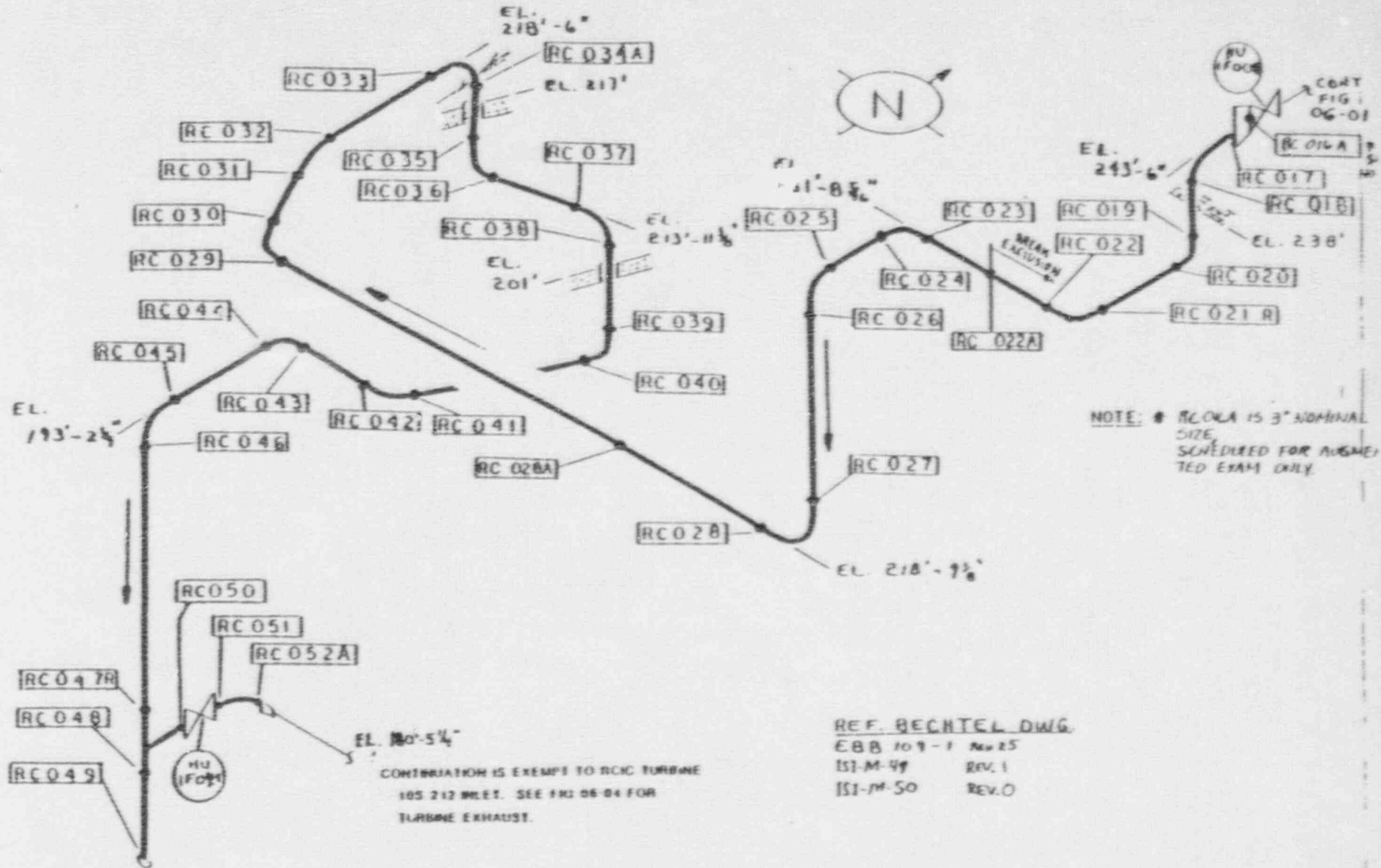
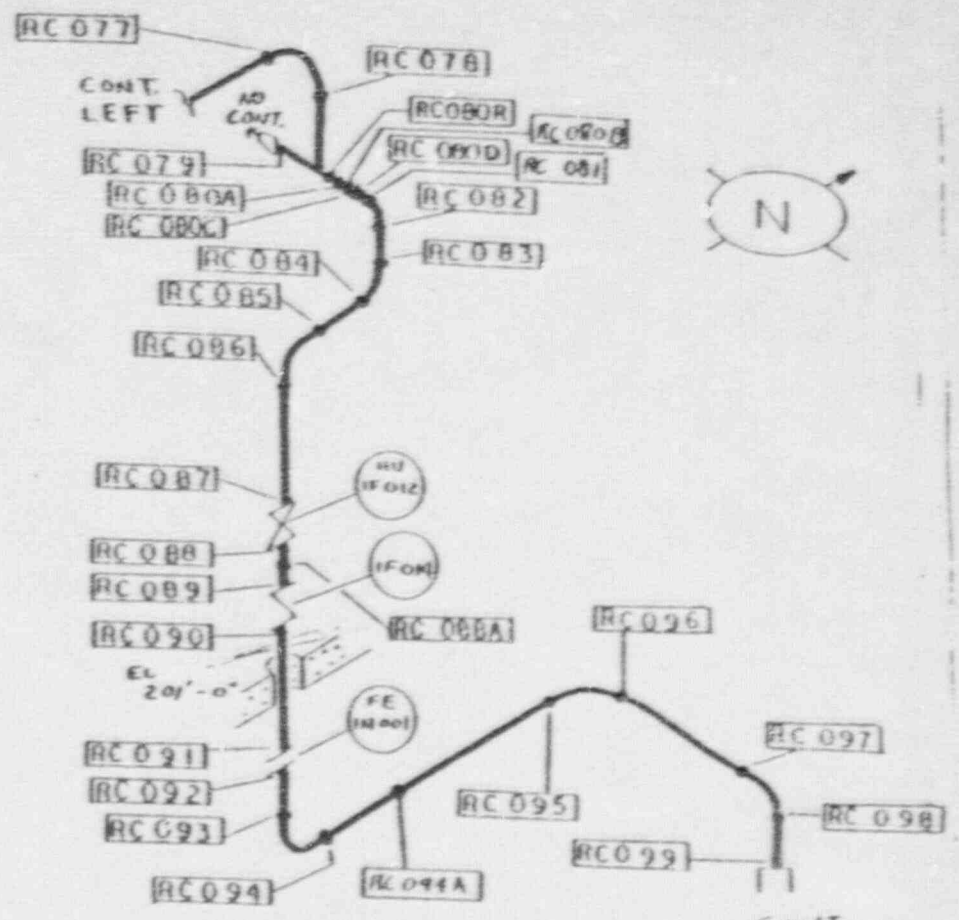
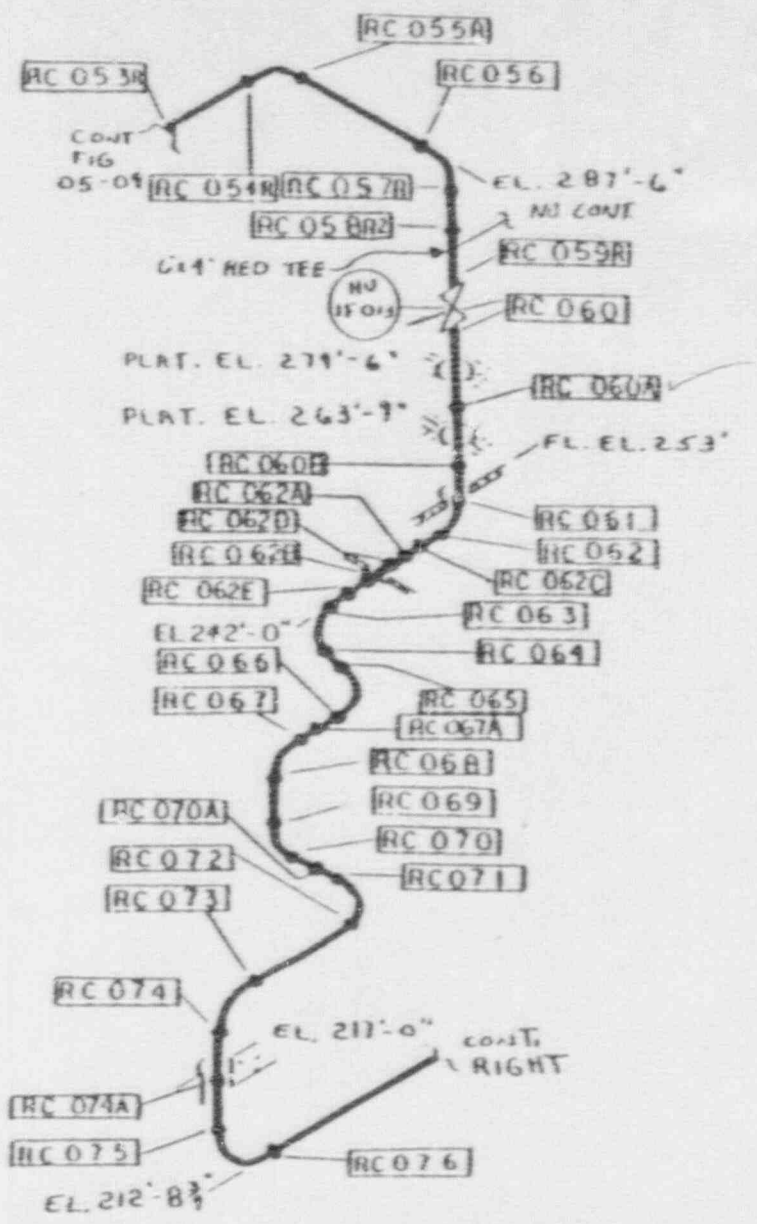


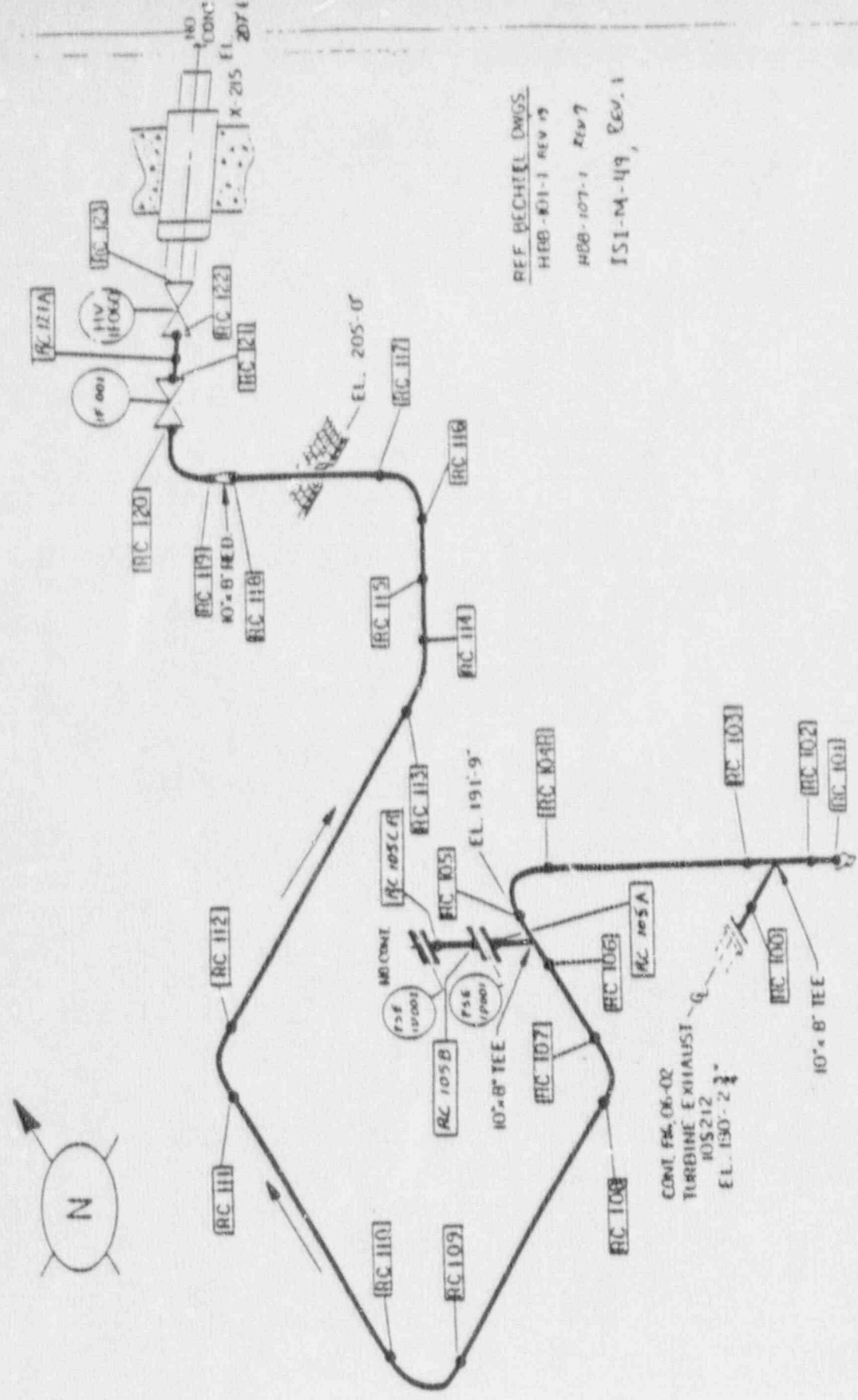
FIGURE 06-02

RCIC WELDS



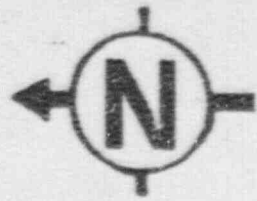
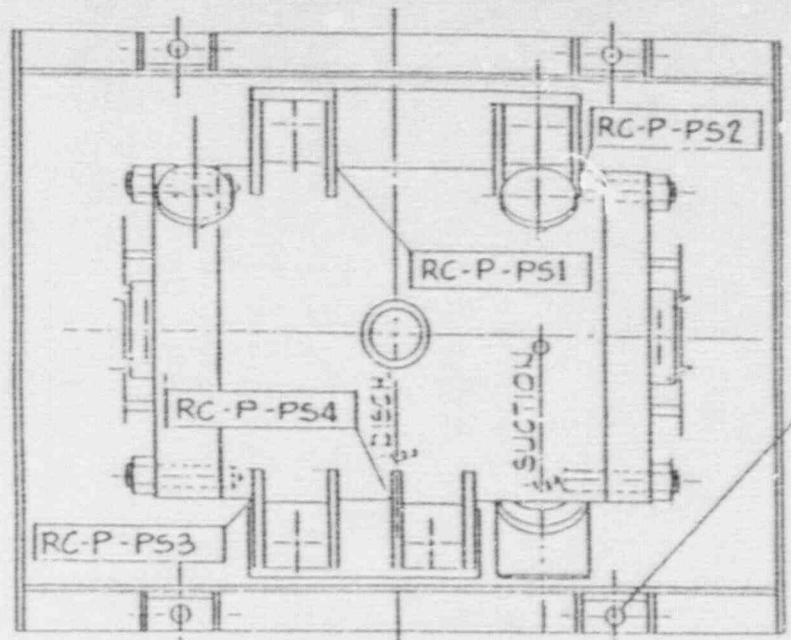
REF. BECHTEL DWGS.
 DBB 101-1 MAR 19
 EBB 135-1 MAR 12
 EBB 126-1 MAR 17
 ISI-M-49 REV. 1

FIGURE 06-03
 RCIC WELDS



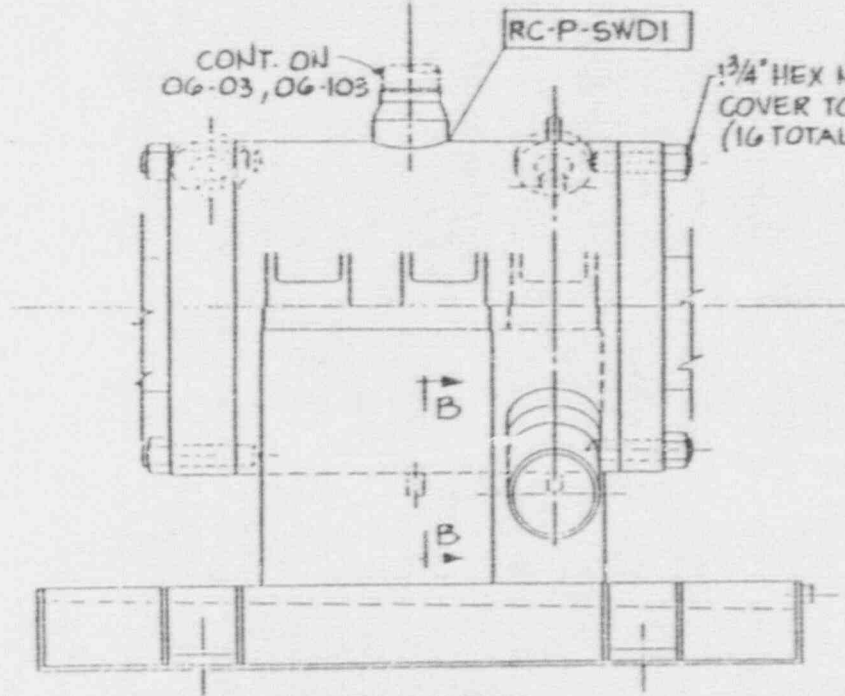
REF. BECHTEL DWGS.
 HBB-801-1 REV 19
 HBB-107-1 REV 7
 ISI-M-49, REV. 1

FIGURE 06-04
 RCIC WELDS



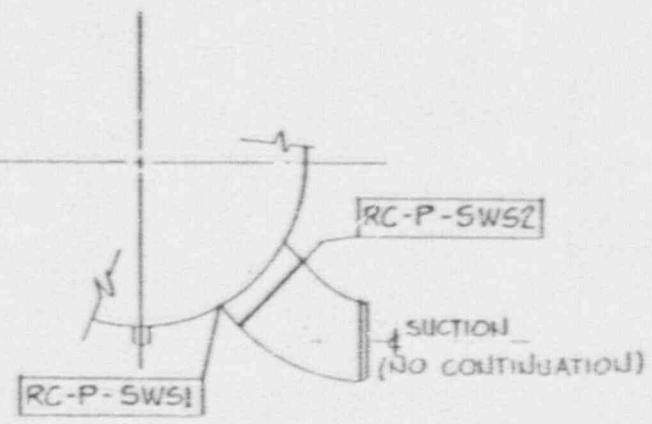
10P-203A
4 ANCHOR BOLTS FOR VISUAL SUPPORT EXAMINATION

PLAN



ELEV. VIEW

REFERENCE DRAWINGS:
8031-MI-ESI-COO1-K2.1BR



SECT. B-B

FIGURE 06-05
RCIC PUMP WELDS

Rev. D, 11/86

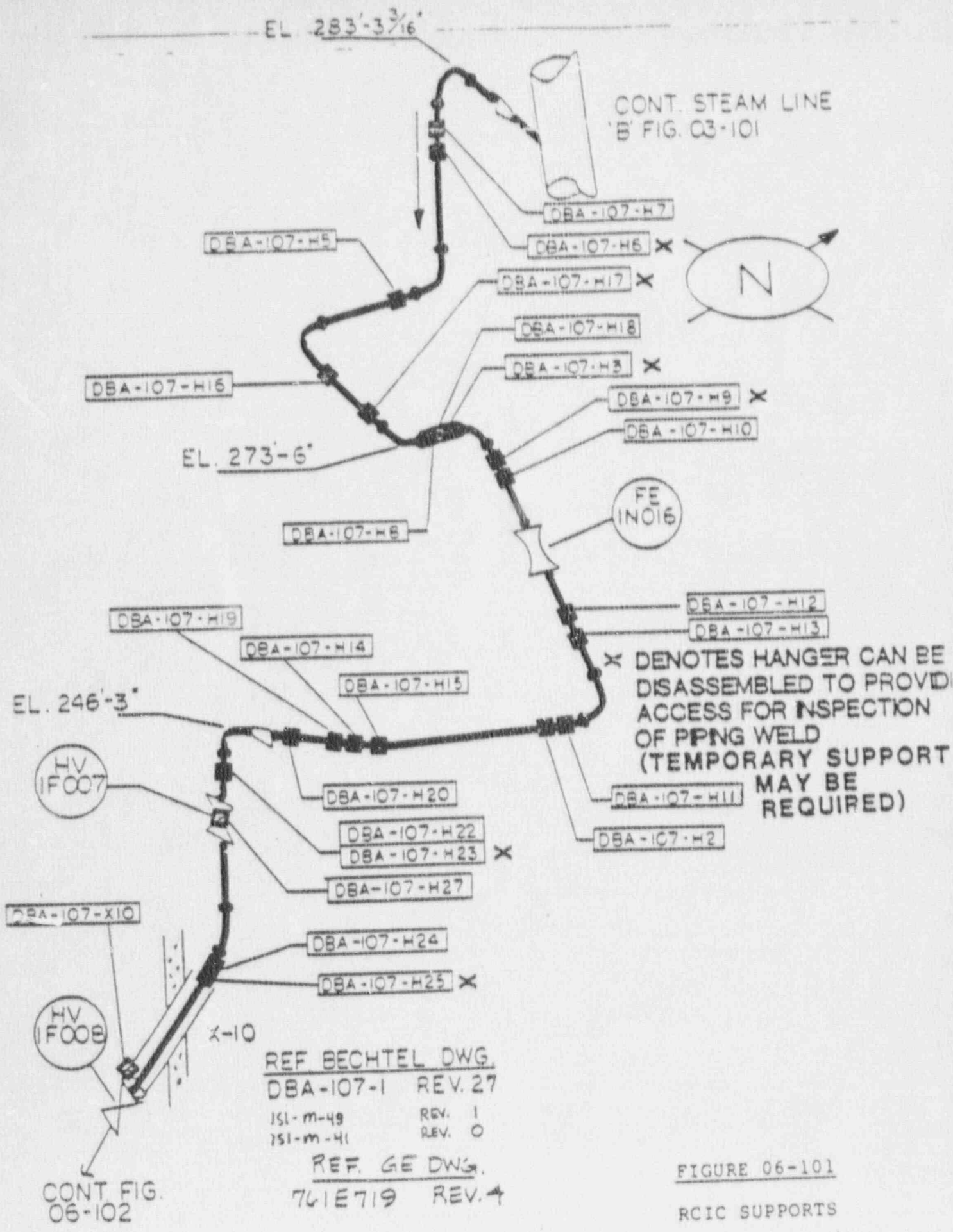


FIGURE 06-101
RCIC SUPPORTS
Rev. 0, 11/80

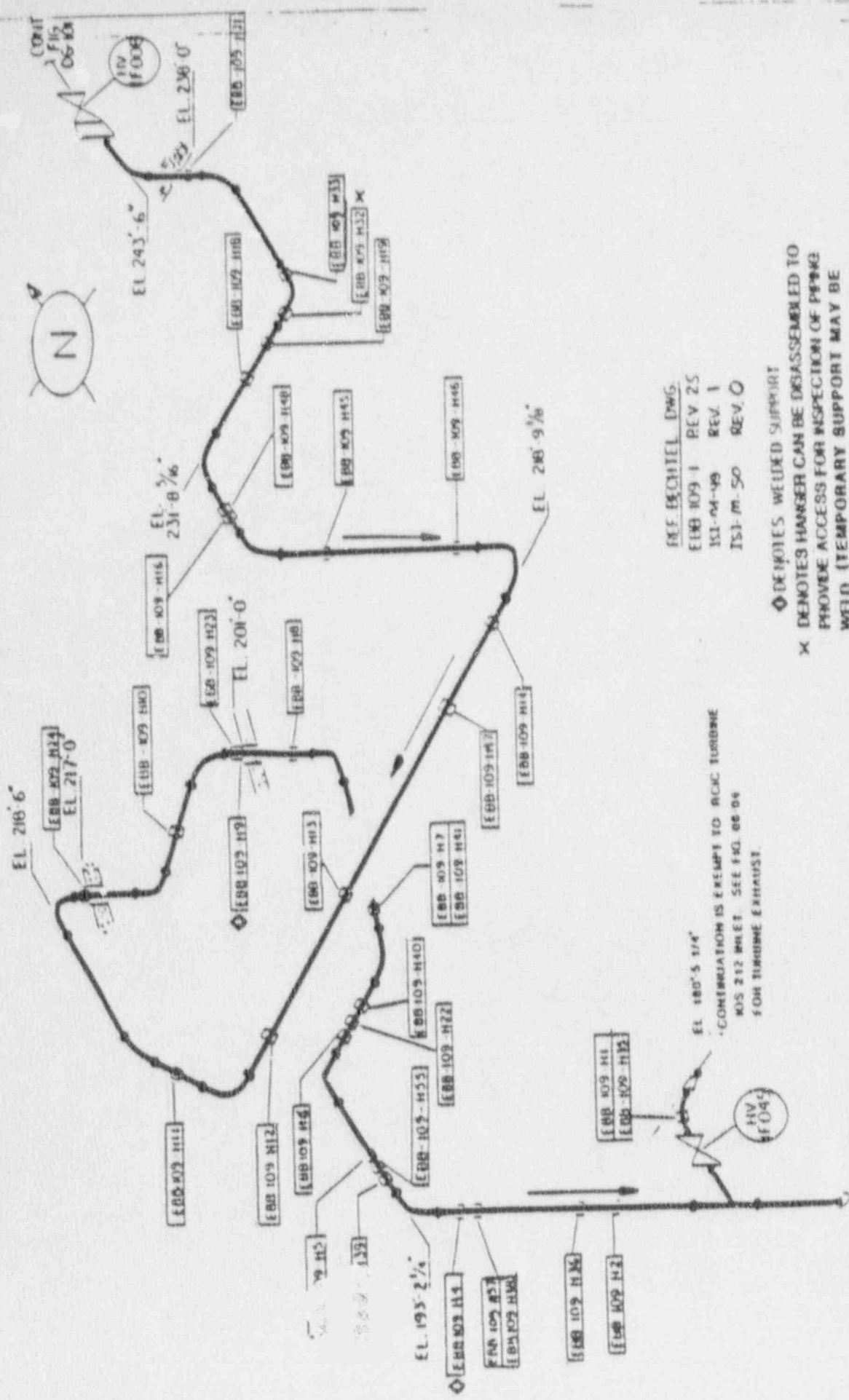
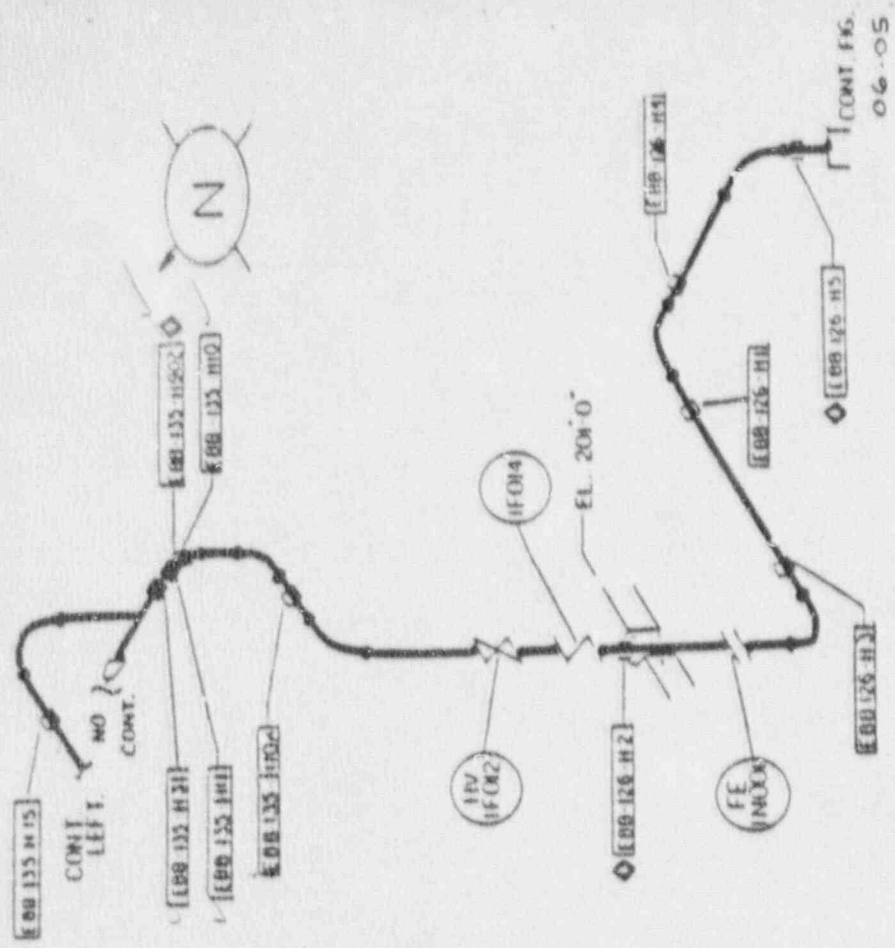


FIGURE 06-102
RCIC SUPPORTS



REF. DECHTEL DWGS.
 DBB 101-1 REV. 19
 EBB 135-1 REV. 2A
 EBB 126-1 REV. 16
 ISI-M-49 REV. 1

○ DENOTES WELDED SUPPORT
 ✕ DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

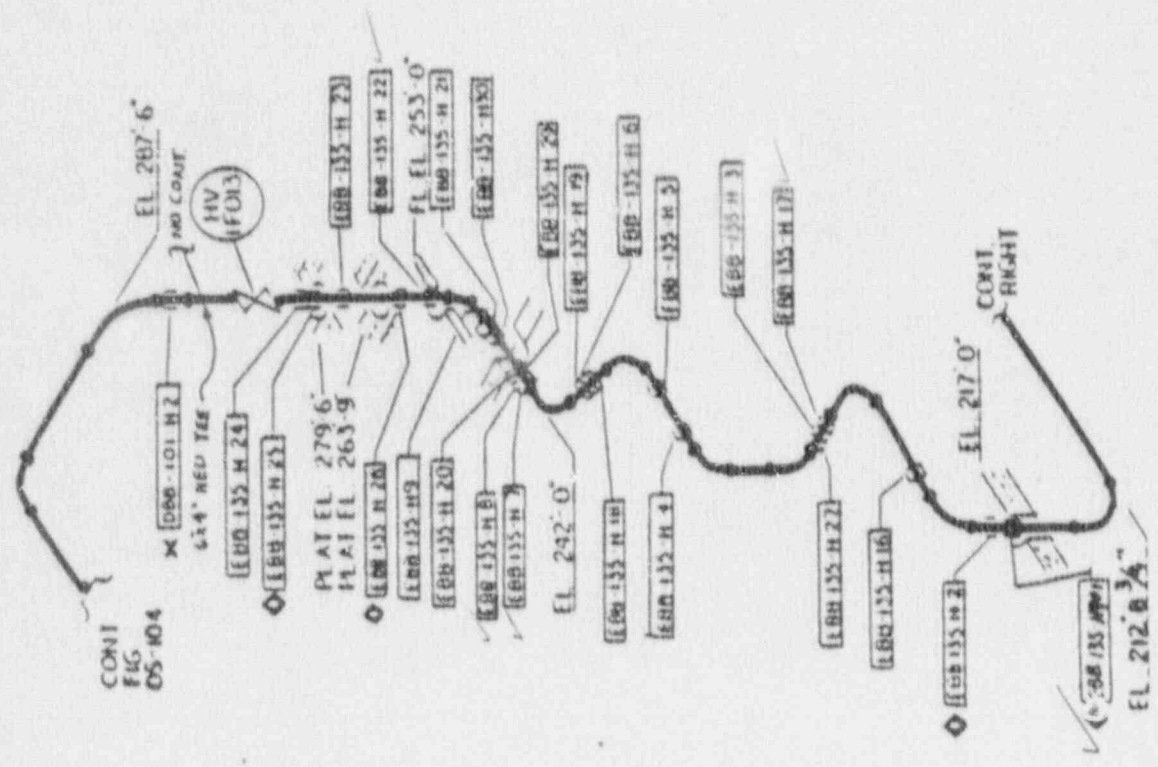
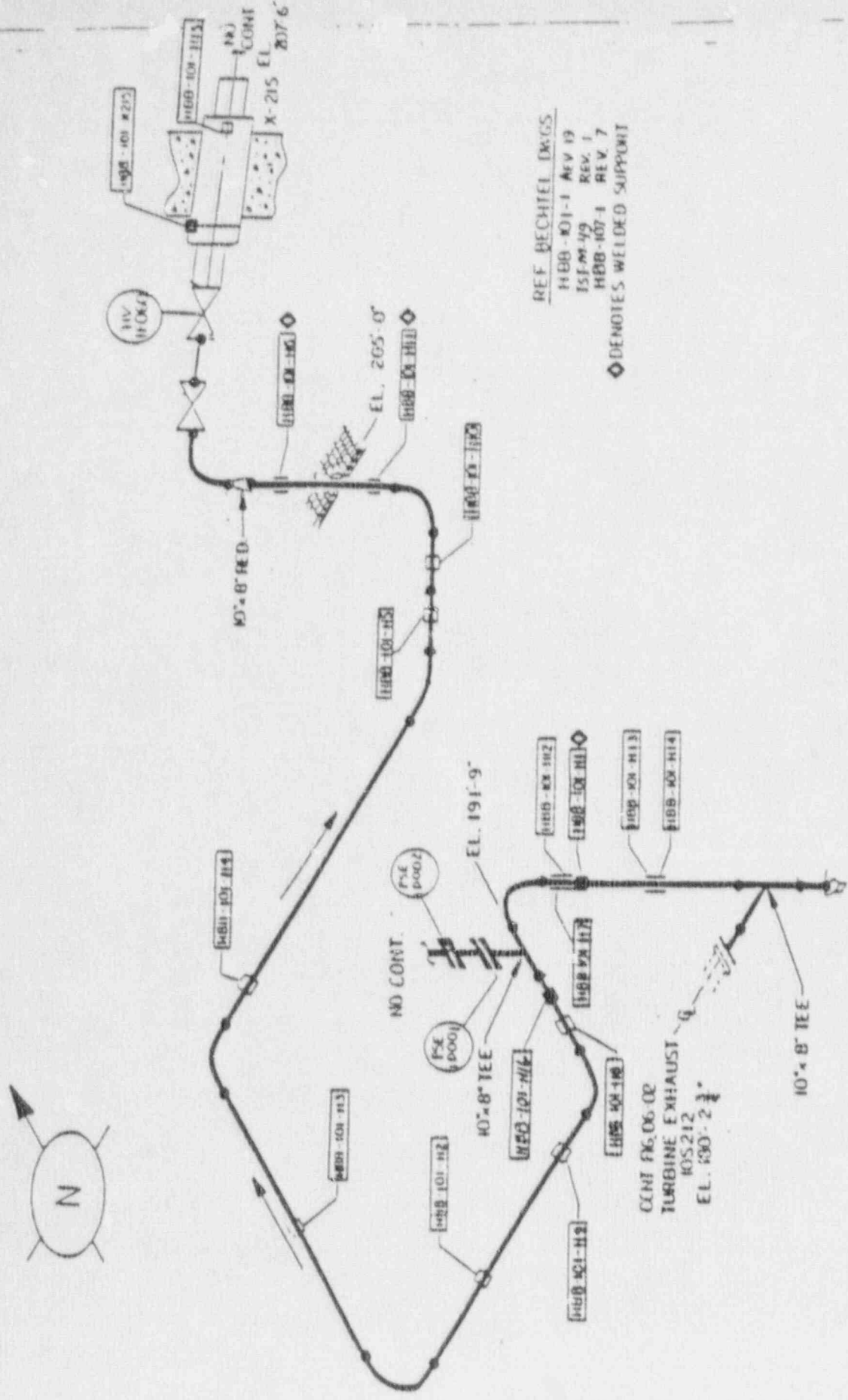


FIGURE 06-103

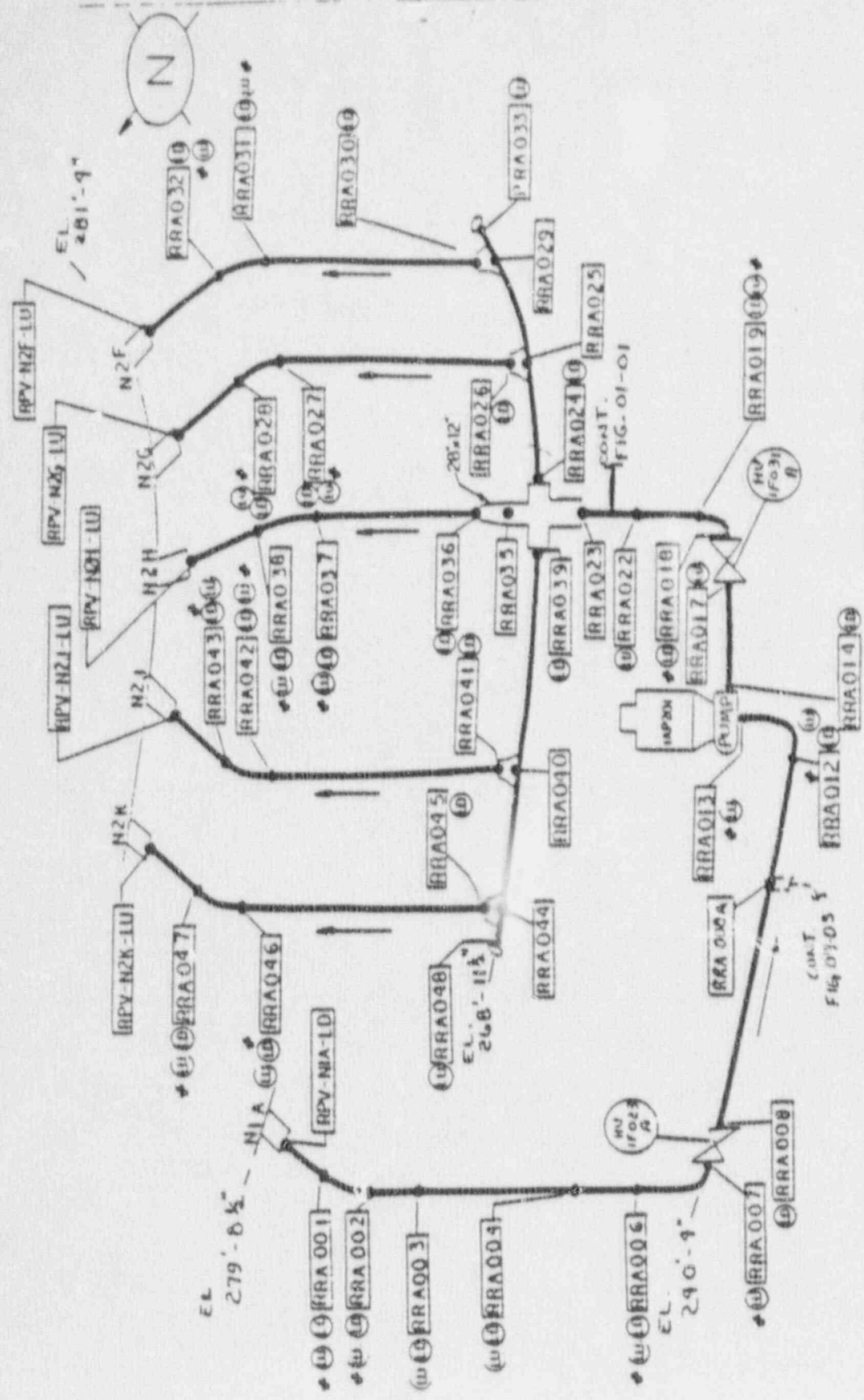
RCIC SUPPORTS



REF BECHTEL DWGS
 HBB-101-1 REV 19
 15F M 49 REV 1
 HBB-107-1 REV 7
 ◇ DENOTES WELDED SUPPORT

FIGURE 06-104
 RCIC SUPPORTS

Rev. 0, 11/84

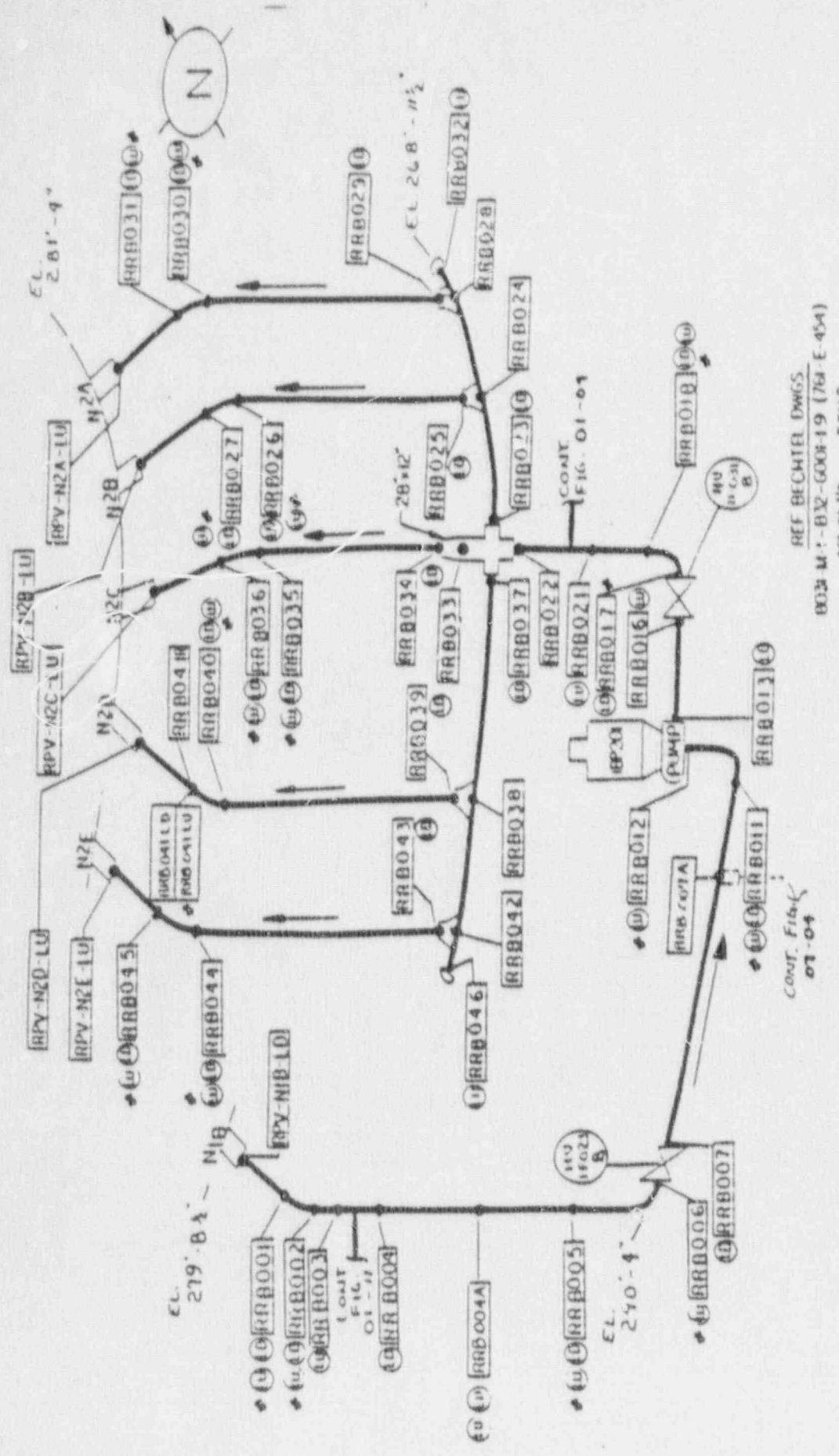


ELBOWS HAVE MINIMUM AND MAXIMUM LONGITUDINAL SEAMS. (SEE FIG. 10-04)

REF. ECHELON DMS55
 8031-M-1-B32-6001-1-D (761 E 45-4)
 151-M-43 REV. O

FIGURE 07-01

REACTOR RECIRCULATION LOOP A WELDS

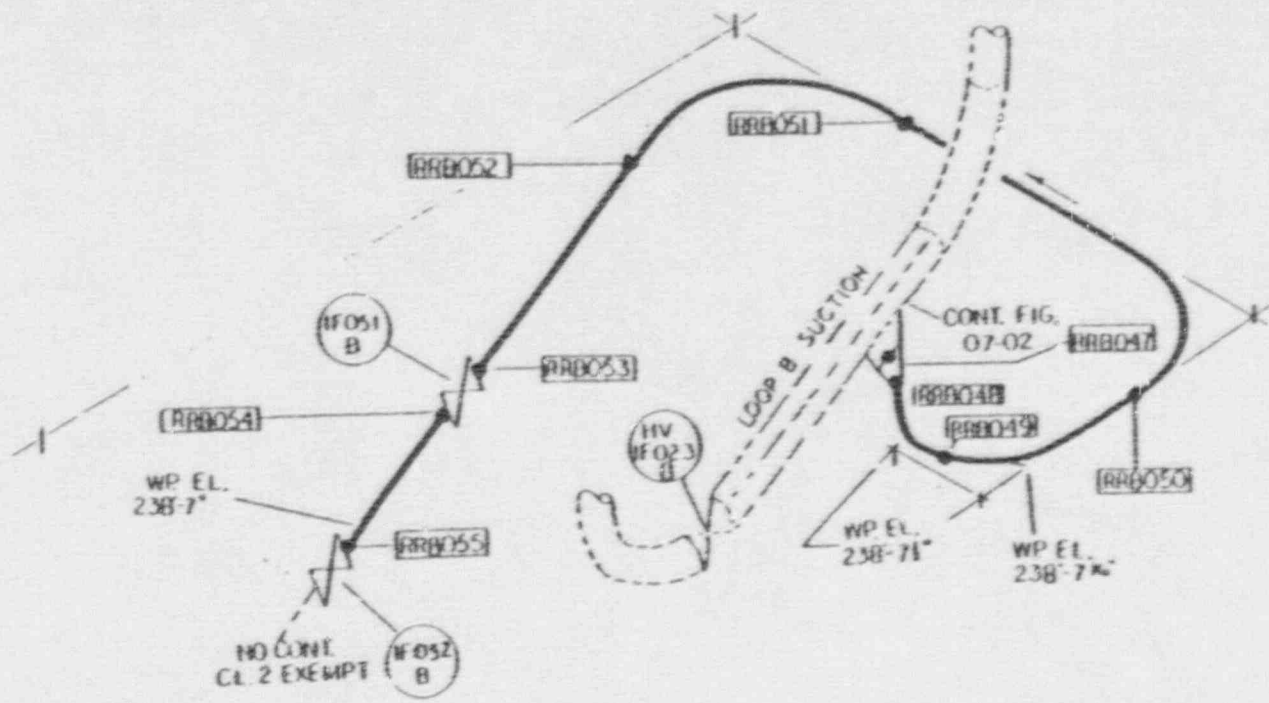
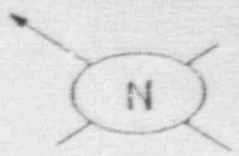


REF BECHTEL DWG5
 8031 M-1-BX2-G008-19 (78-E-454)
 151-M-43 REV0

FIGURE 07-02

REACTOR RECIRCULATION LOOP E WELDS

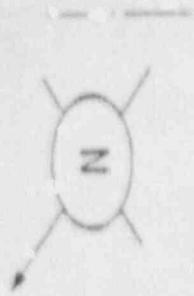
ELBOWS HAVE MINIMUM AND MAXIMUM LONGITUDINAL SEAMS. (SEE FIG. 10-04.)



REF BECHTEL DWGS.
 SP DCA-185-E1 REV 5
 151-M-43 REV 01

FIGURE 67-04
 REACTOR RECIRCULATION WELDS

Rev. 0, 11/06



BEE BECHTEL DMCS.
SP: A-185-E1 REV. 5
JSE-MF-V3 REV. 0

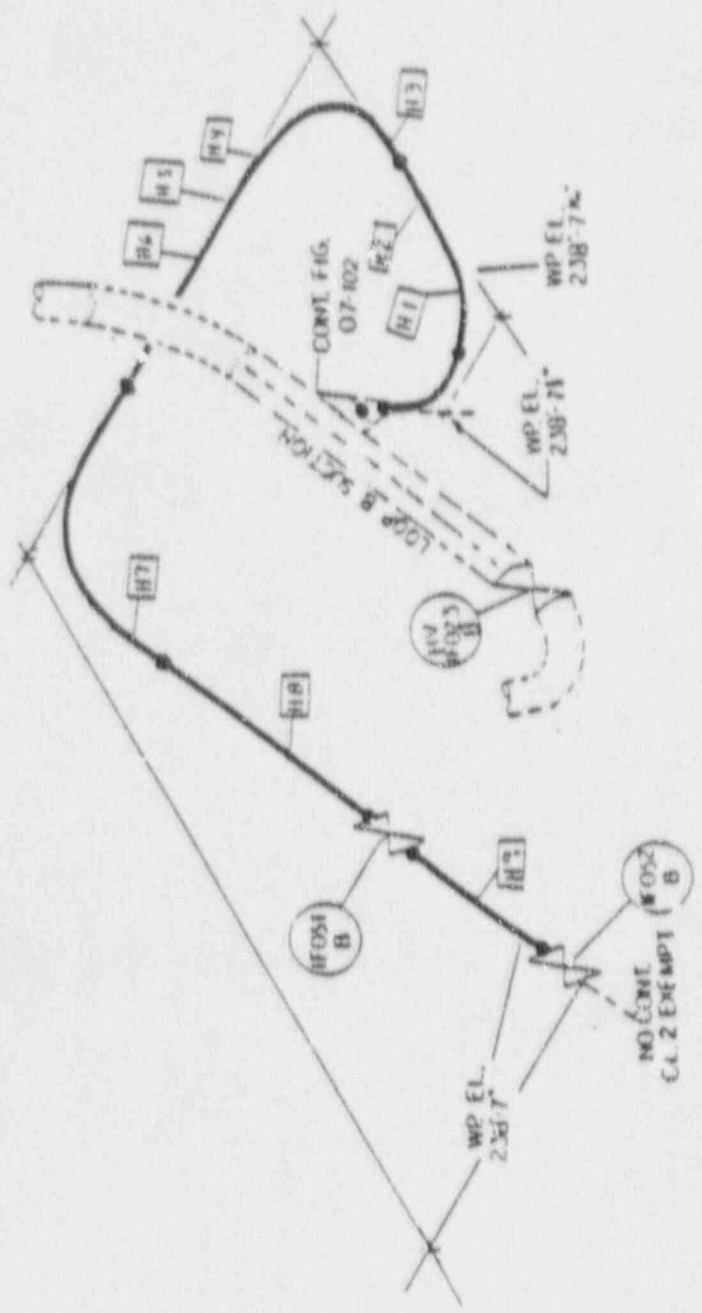
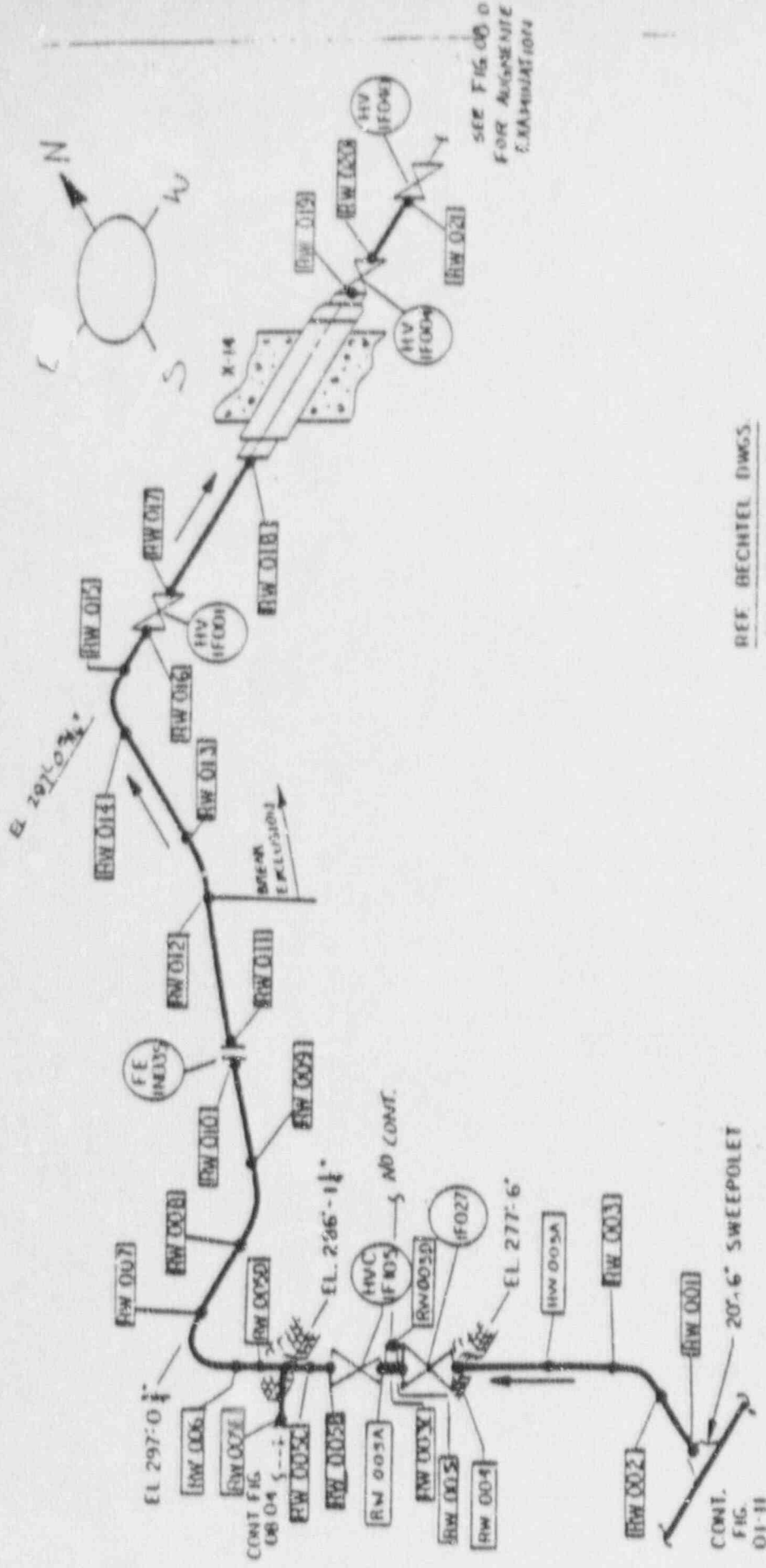


FIGURE 07-104

REACTOR RECIRCULATION SUPPORTS

Rev. 0, 11/86



NOTE: PIPING IS SHOWN AS HORIZONTAL IMAGE. (SEE ORIENTATION ARROW ABOVE.)

REF. BECHTEL DWGS.

DCA-101-1	REV. 23
DCB-102-1	REV. B
FSI-26-93	REV. 0
LSI-44-94	REV. 0

FIGURE 08-02

RWCG WELDS

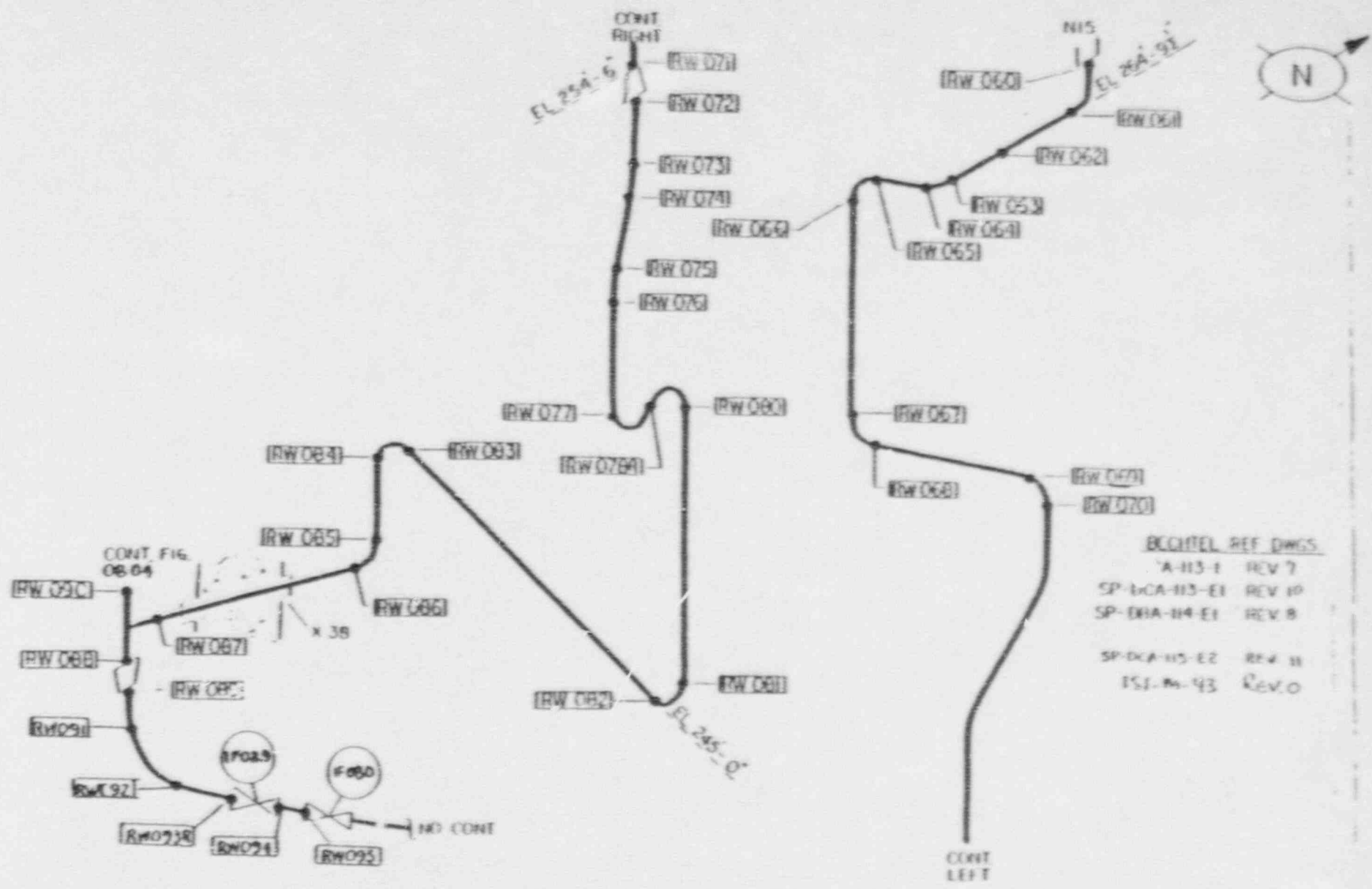
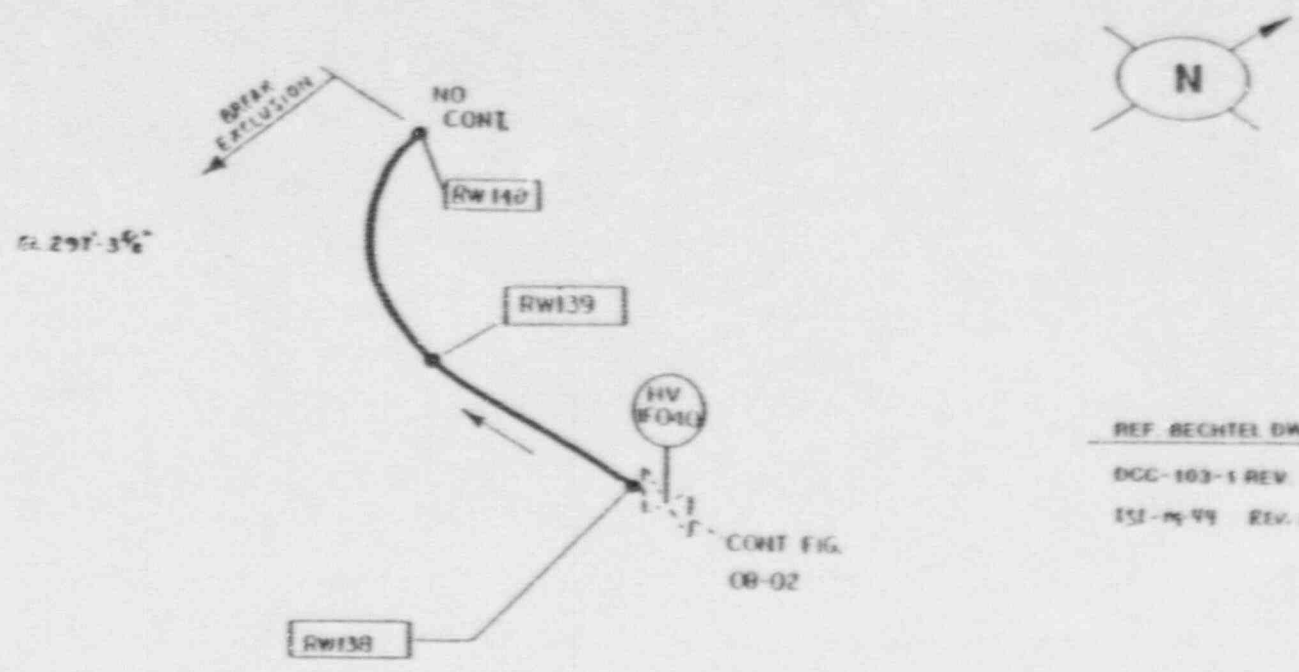


FIGURE 08-03

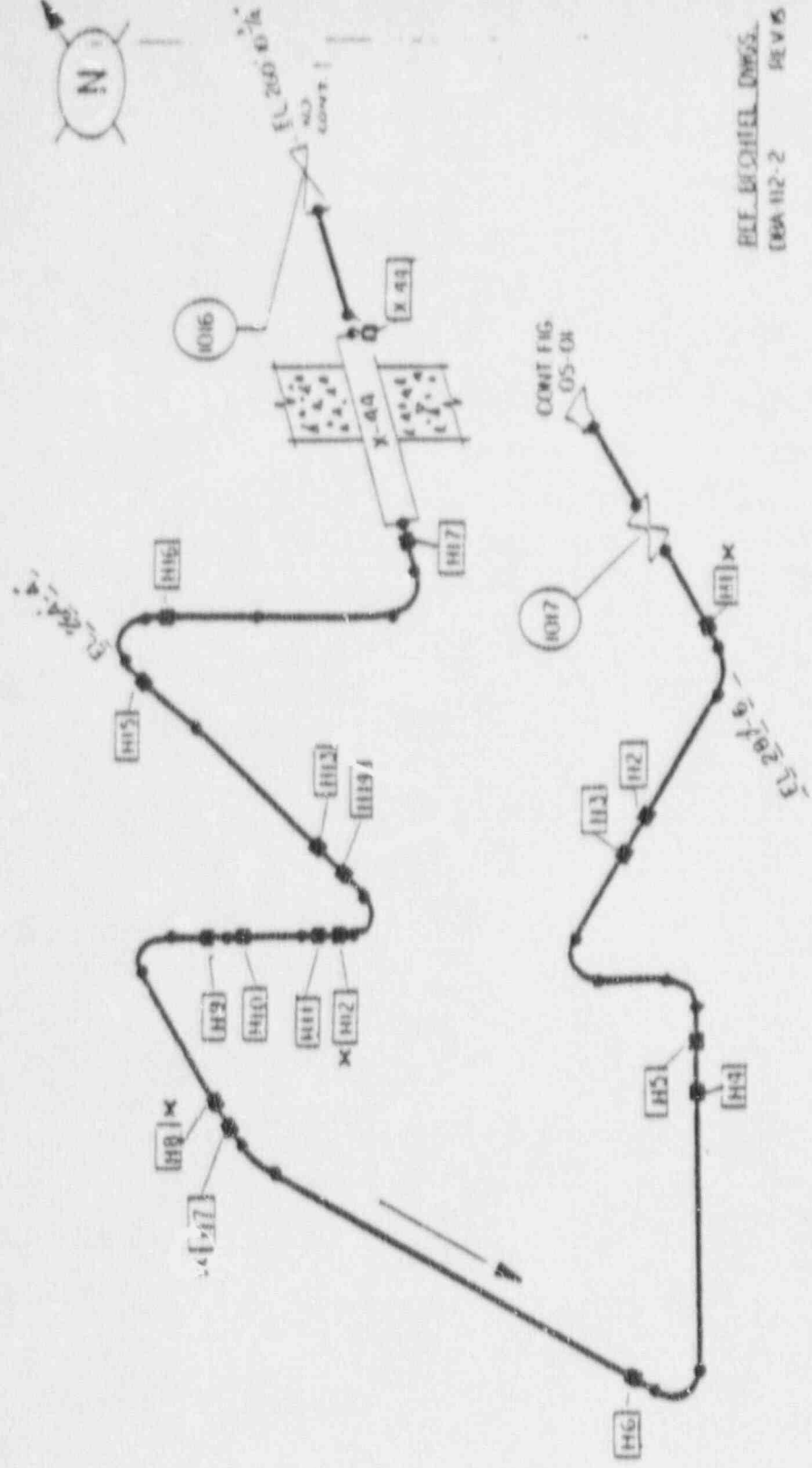
RWCW WELPS

Rev. 0, 11/86



REF. BECHTEL DWG.
DCC-103-1 REV. 15
151-75-99 REV. 0

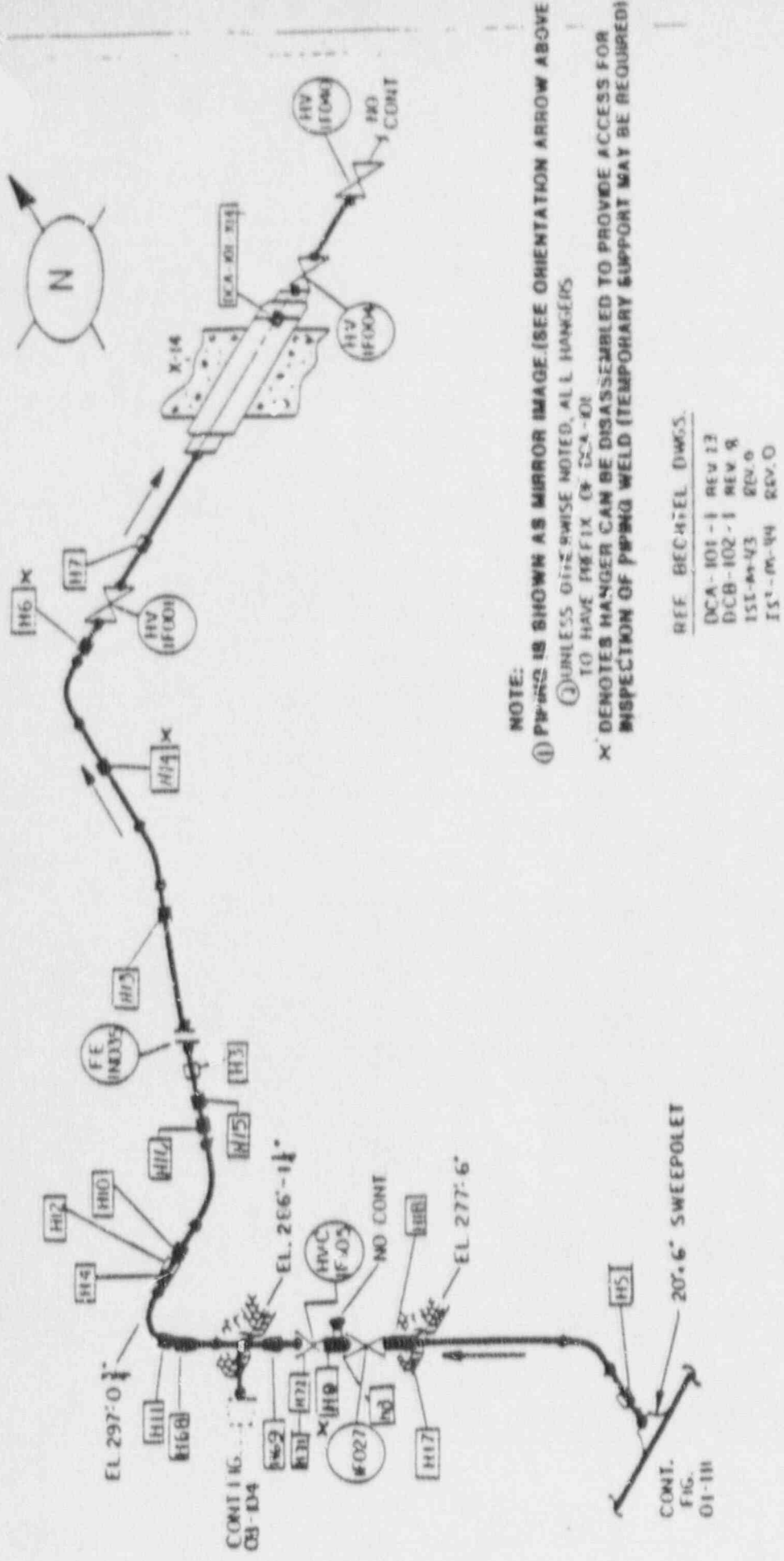
FIGURE 08-05
RWCW WELDS



NOTE:
 ALL HANGER NUMBERS
 HAVE PREFIX OF DBA-112-
 X DENOTES HANGER CAN BE DISASSEMBLED
 TO PROVIDE ACCESS FOR INSPECTION OF
 PIPING WELD (TEMPORARY SUPPORT MAY
 BE REQUIRED)

REF. BUCHHEIM DWGS.
 DBA 112-2 REV 15
 1ST-11-11 REV. 0

FIGURE 08-101
 RWCU SUPPORTS



NOTE:
 ① PIPING IS SHOWN AS MIRROR IMAGE. (SEE ORIENTATION ARROW ABOVE)
 ② UNLESS OTHERWISE NOTED, ALL HANGERS TO HAVE PREFIX OF DCA-K01
 'X' DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

REF. BECHTEL DWG5.
 DCA-101-1 REV 13
 DCB-102-1 REV 8
 ISL-84-53 REV 0
 ISL-84-94 REV 0

FIGURE 08-1C2
 RWCU SUPPORTS

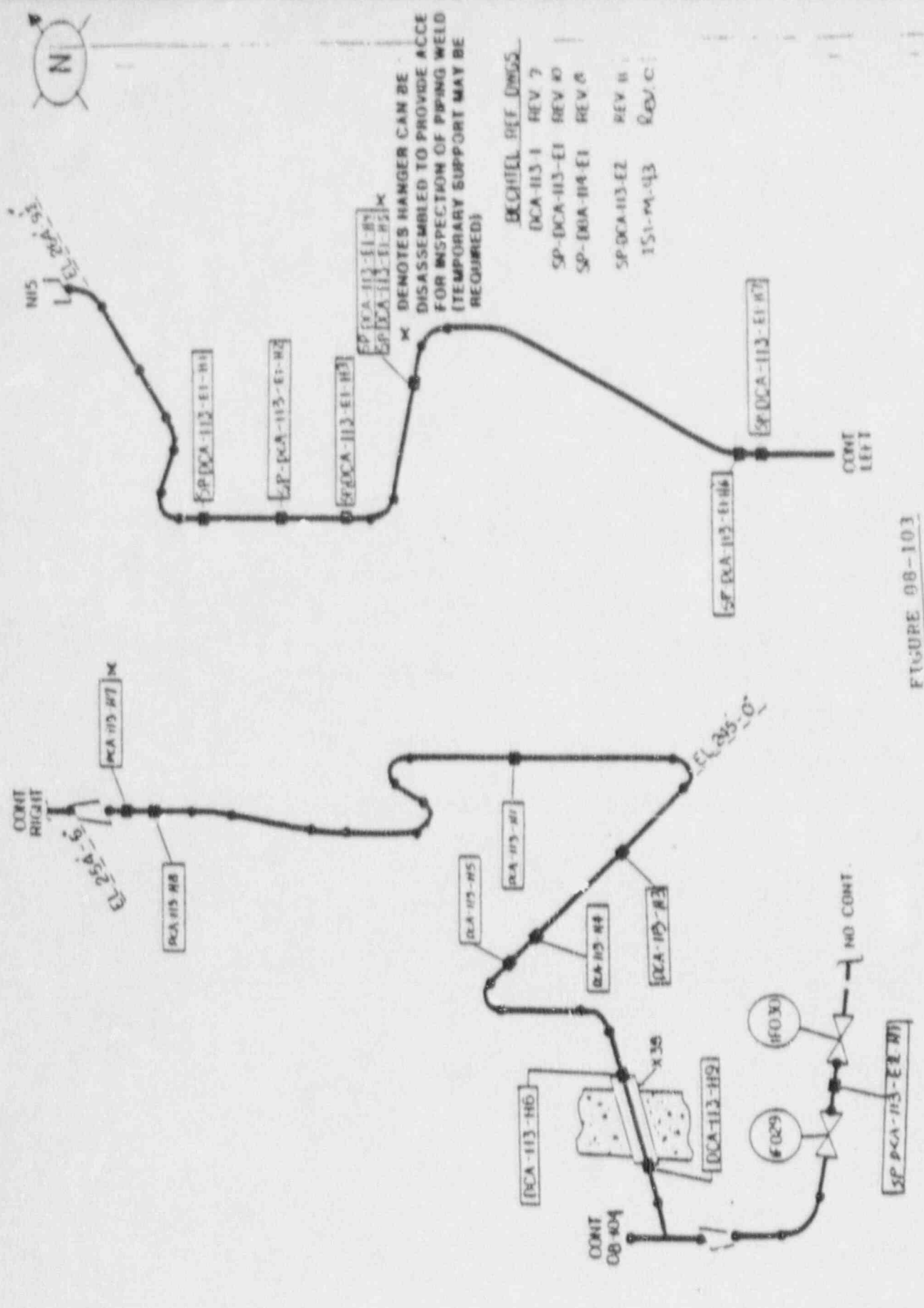
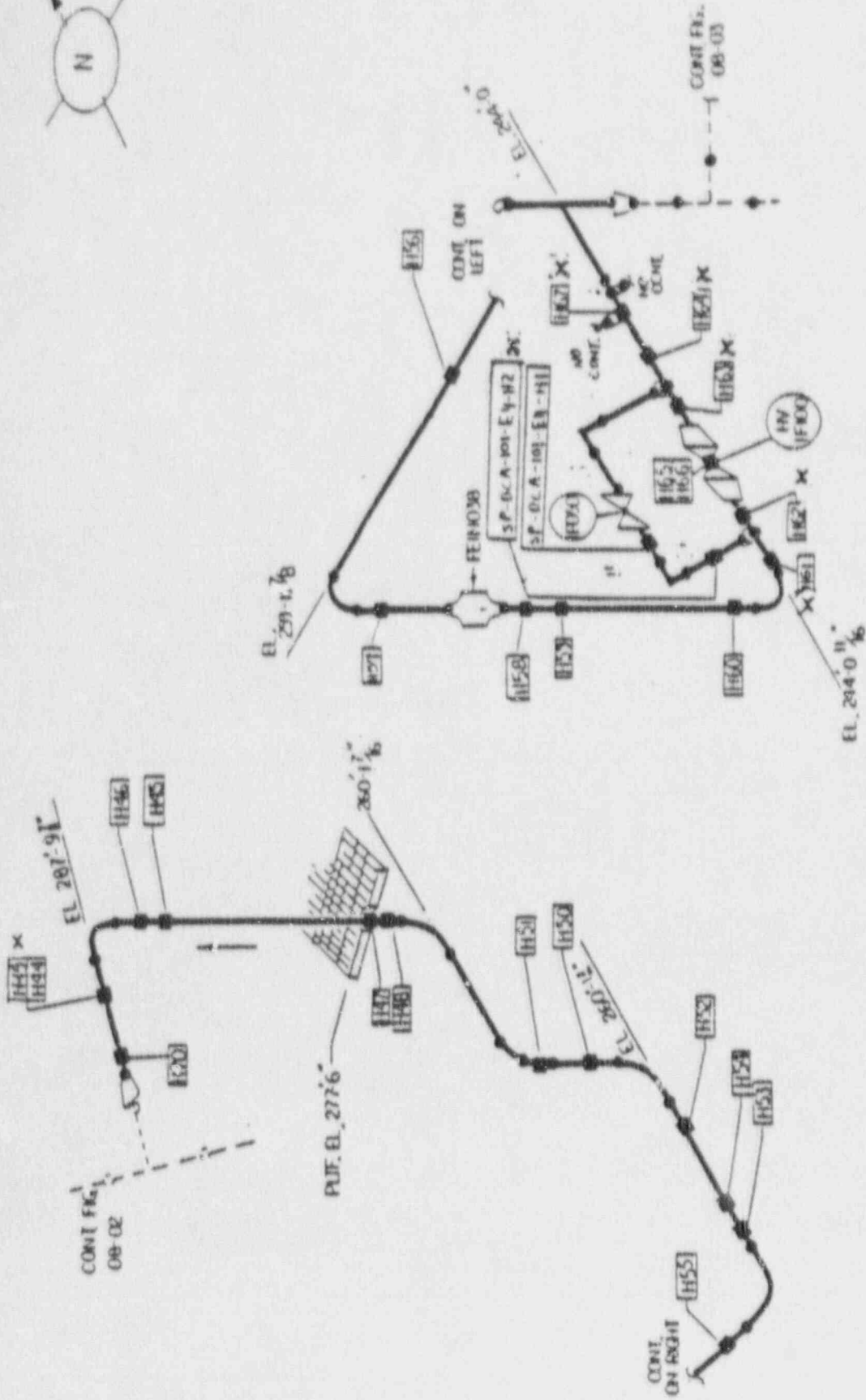


FIGURE 08-103

RWCU SUPPORTS

Rev. 0, 11/86



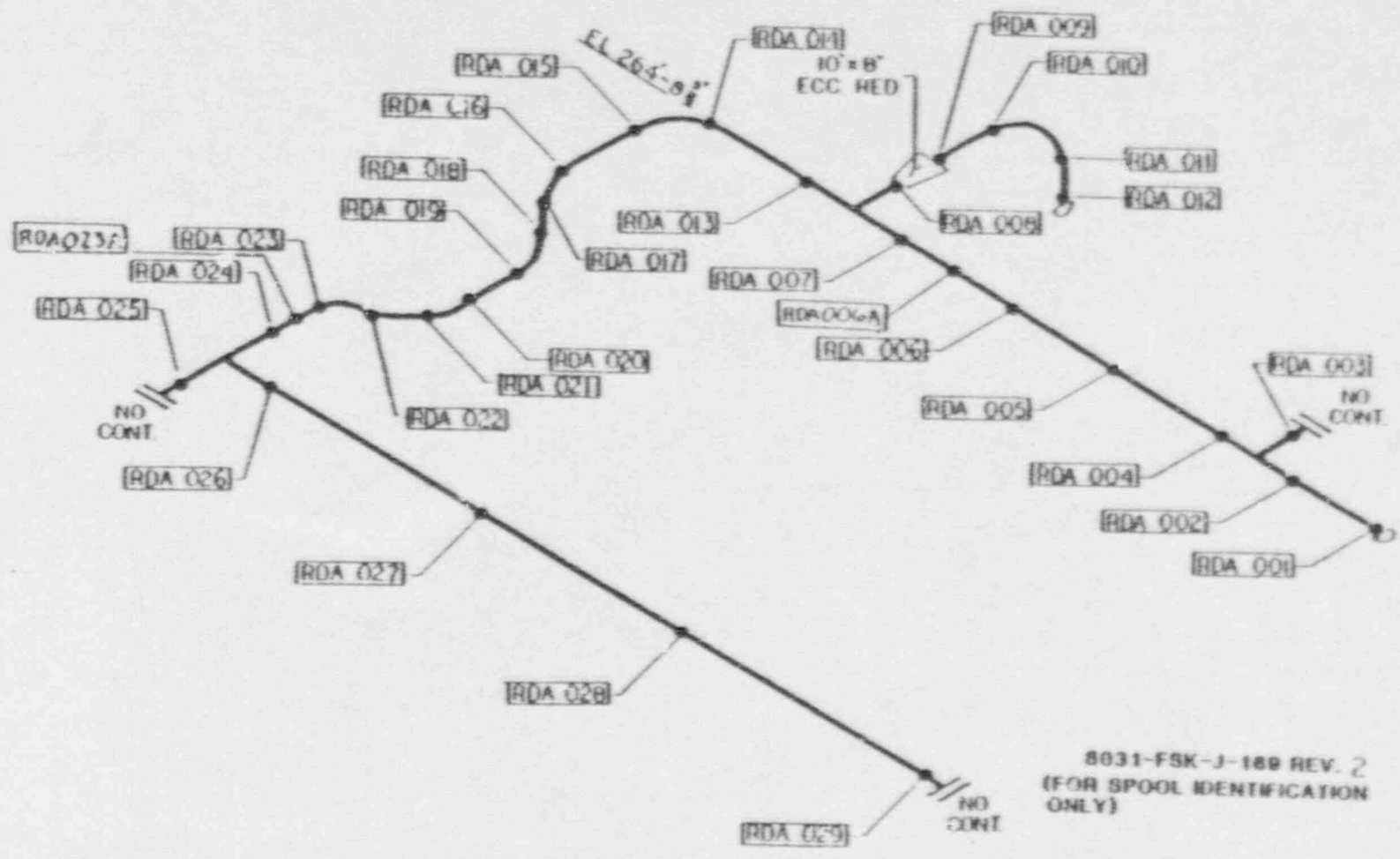
RET. RED. TEL. DIMS.
 DCA-08-4 REV. H
 DCA-08-5 REV. H

SP-DC A-101-E 4 REV. 4
 151-M-43 Rev. O
 151-M-44 Rev. O

NOTE
 COMPLETE HANGER NUMBERS
 HAVE PREFIX OF DCA OR -
 EXCEPT AS SHOWN
 X! DEMOTES HANGER CAN BE DISASSEMBLED
 TO PROVIDE ACCESS FOR INSPECTION OF
 PIPING WELD (TEMPORARY SUPPORT MAY
 BE REQUIRED)

FIGURE 08-104

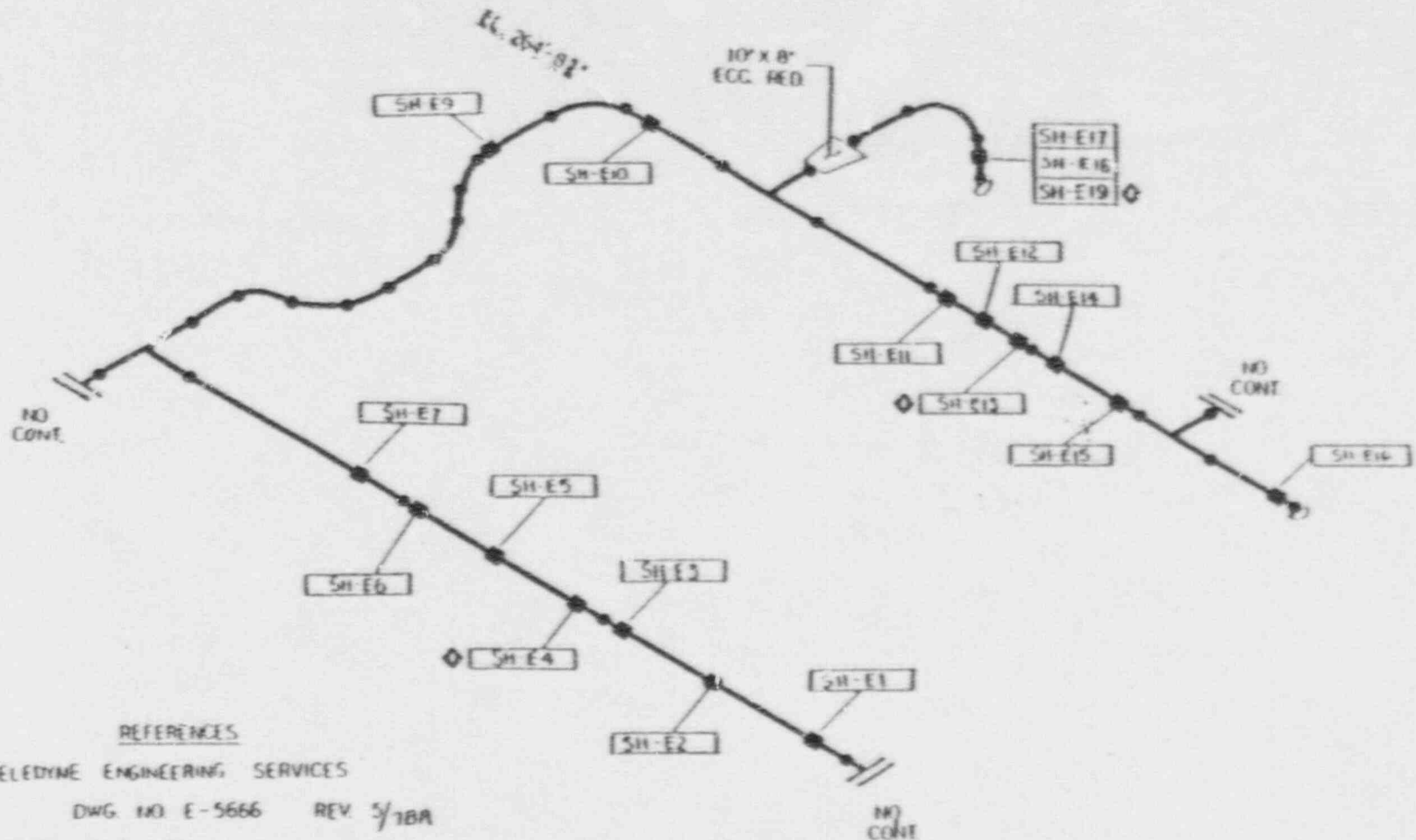
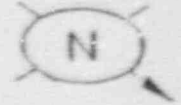
RWCU SUPPORTS



REFERENCES
 TELEDYNE ENGINEERING SERVICES
 DWG NO E-5686 REV 3/71
 (BPC DWG NO -
 8031-M-67-T SA-27-1184
 151-M-47 REV 0

8031-FSK-J-188 REV. 2
 (FOR SPOOL IDENTIFICATION ONLY)

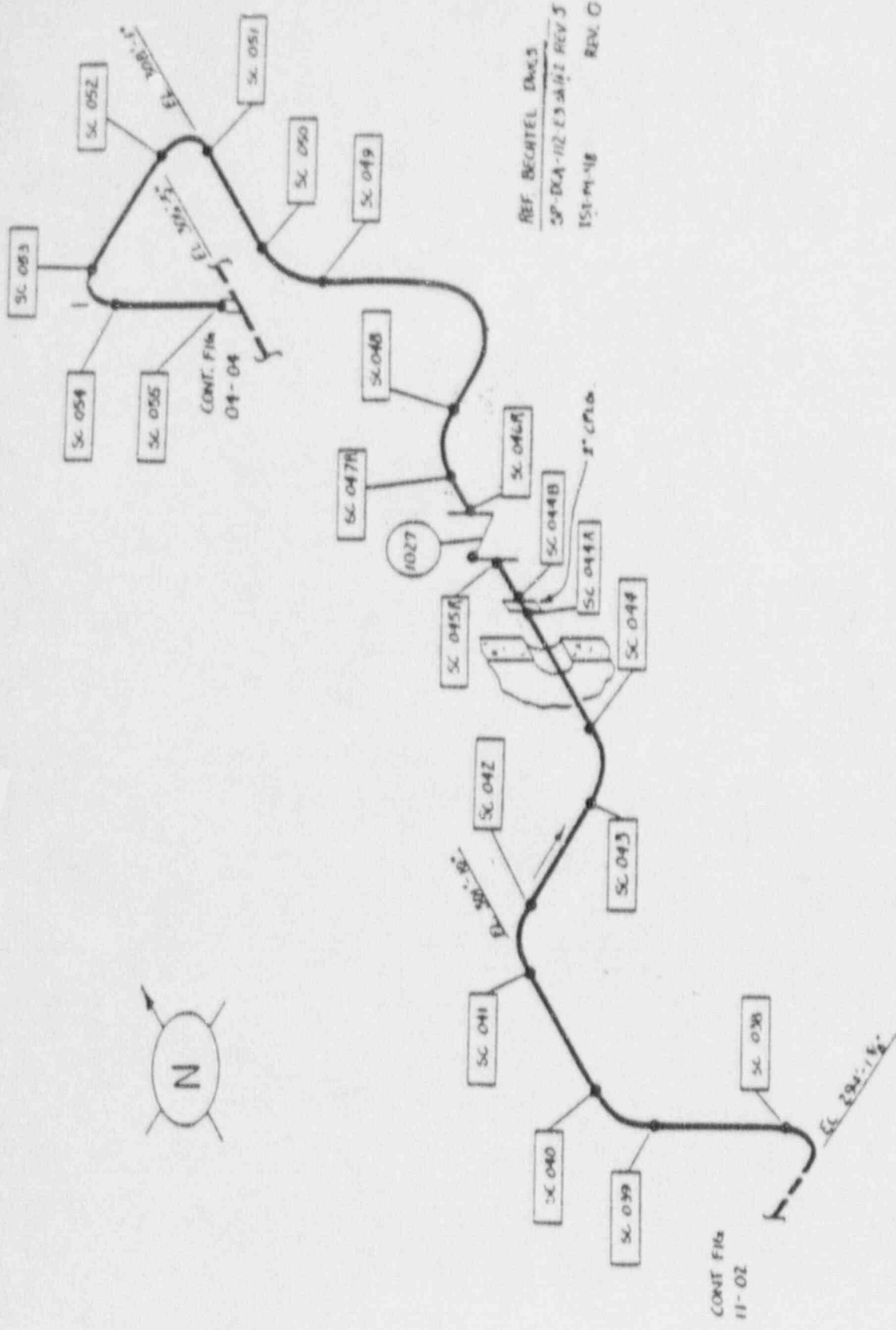
FIGURE 09-01
 CONTROL ROD DRIVE LOOP A WELDS



TELEDYNE ENGINEERING SERVICES
 DWG. NO. E-5666 REV. 5/78A
 IBPC DWG. NO. —
 8031-M-167-T SA-27-110A)
 IST-M-47 REV. 0
 8031-FSK-J-100 REV. 2

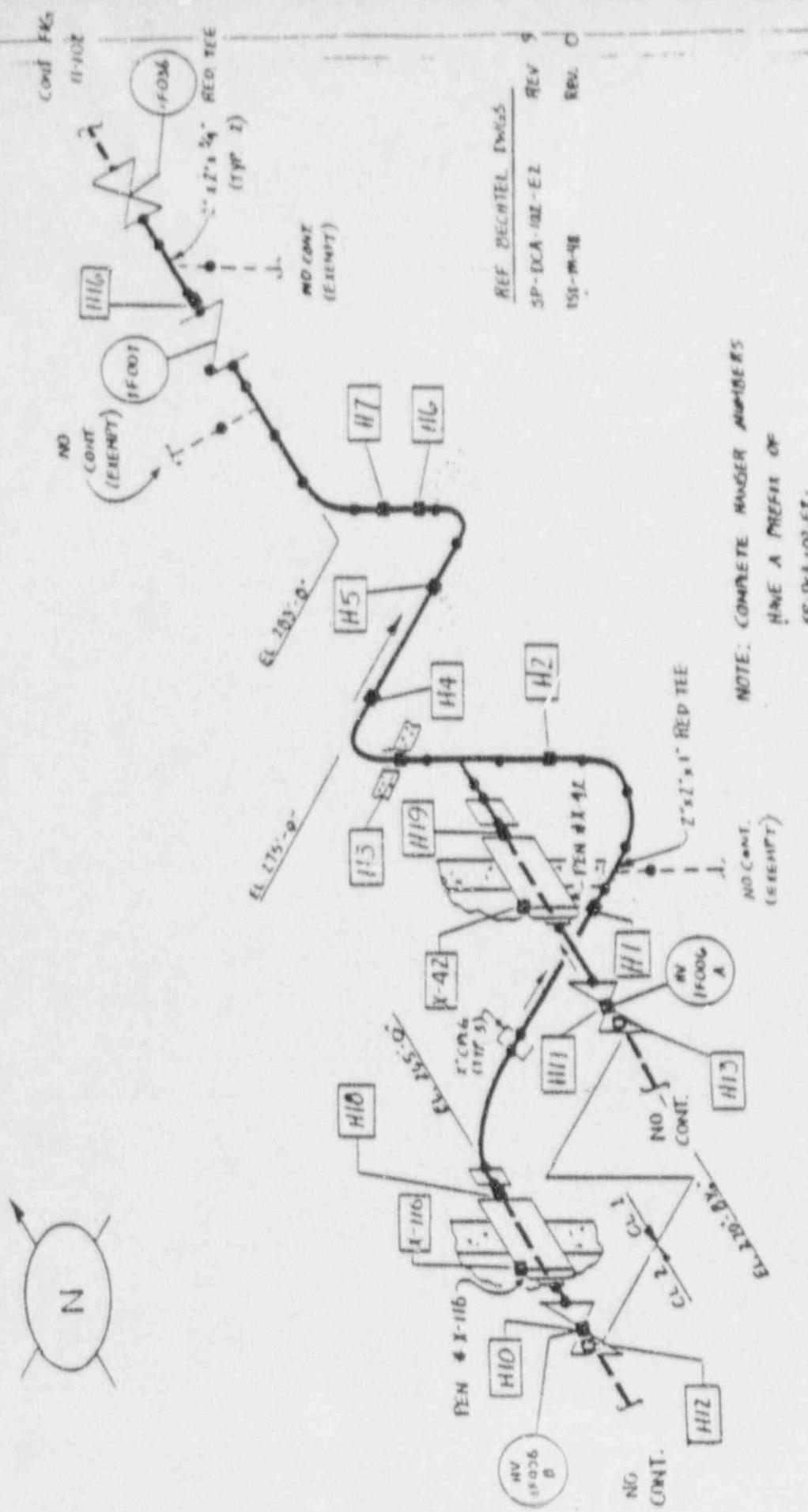
NOTE: HANGER PREFIX IS EBB-142-

FIGURE 09-101



REF BECAITEL DAKS
 SP-DCA-112-E3-0412 REV 3
 155-14-18 REV. D

FIGURE 11-03
 STANDBY LIQUID CONTROL WELDS



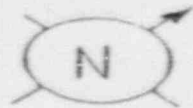
REV	BY
9	REV
8	5P-DCA-102-EZ
0	151-m-18

NOTE: COMPLETE NUMBER NUMBERS
HAVE A PREFIX OF
SP-DCA-102-EZ.

FIGURE 11-101

STANDBY LIQUID CONTROL SUPPORTS

REF BECHTEL DWGS
SP-DCA-112-E2-A1E2 REV 5
IST-M-48 REV. 0



NOTE: COMPLETE HANGER
NUMBERS HAVE A PREFIX
OF SP-DCA-112-E2.

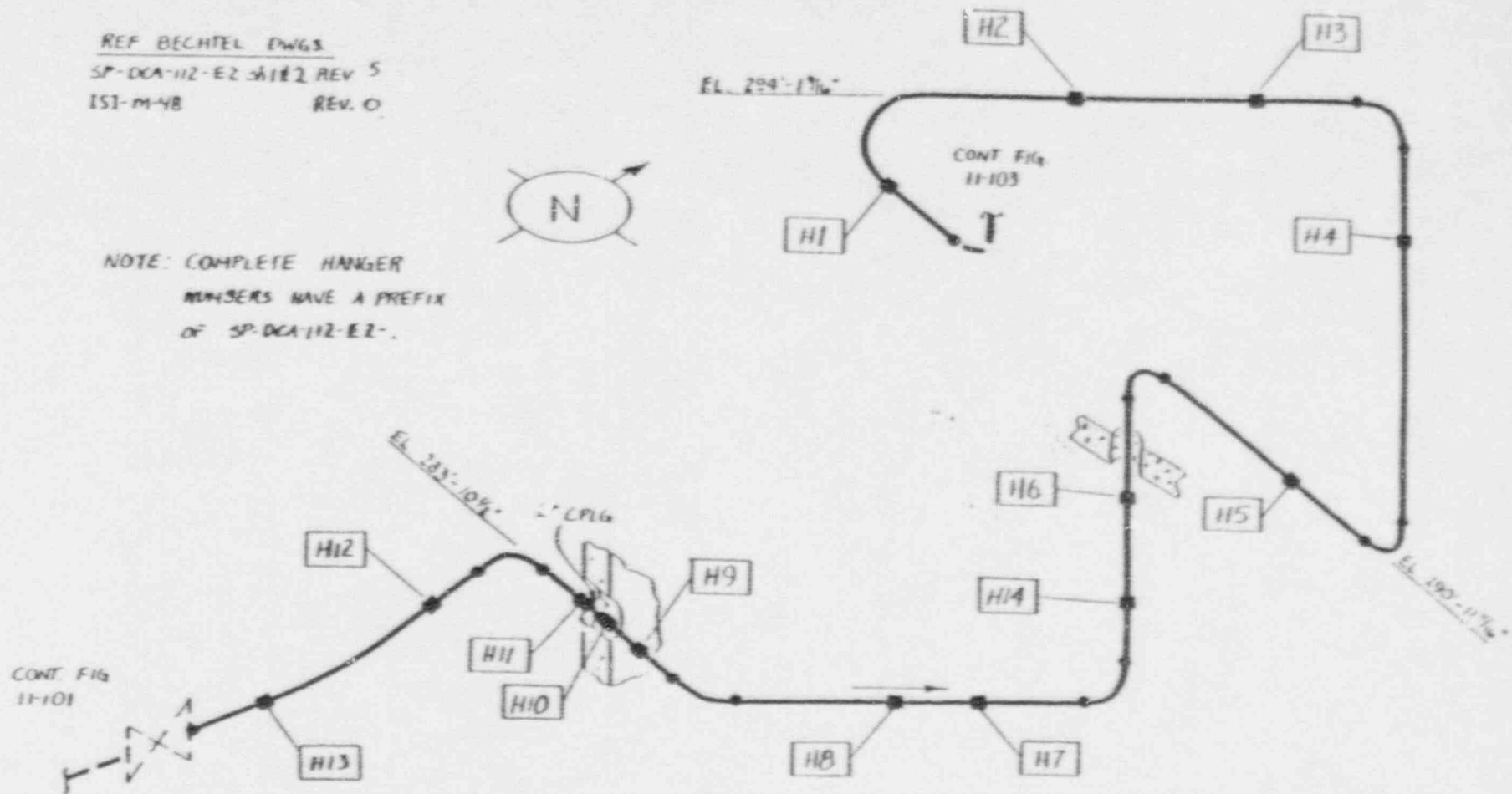
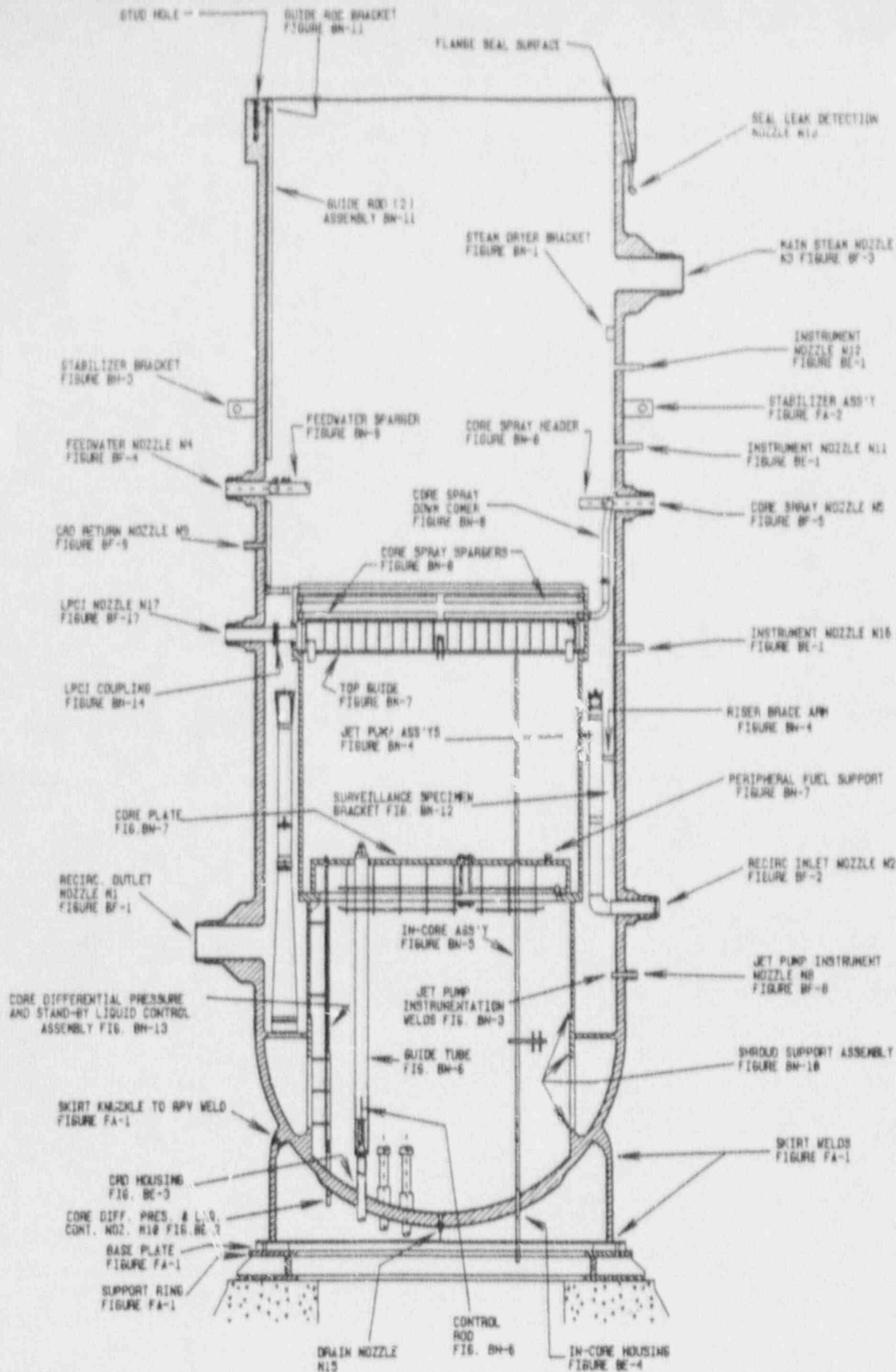


FIGURE 11-102

STANDBY LIQUID CONTROL SUPPORTS

Rev. 0, 11/86

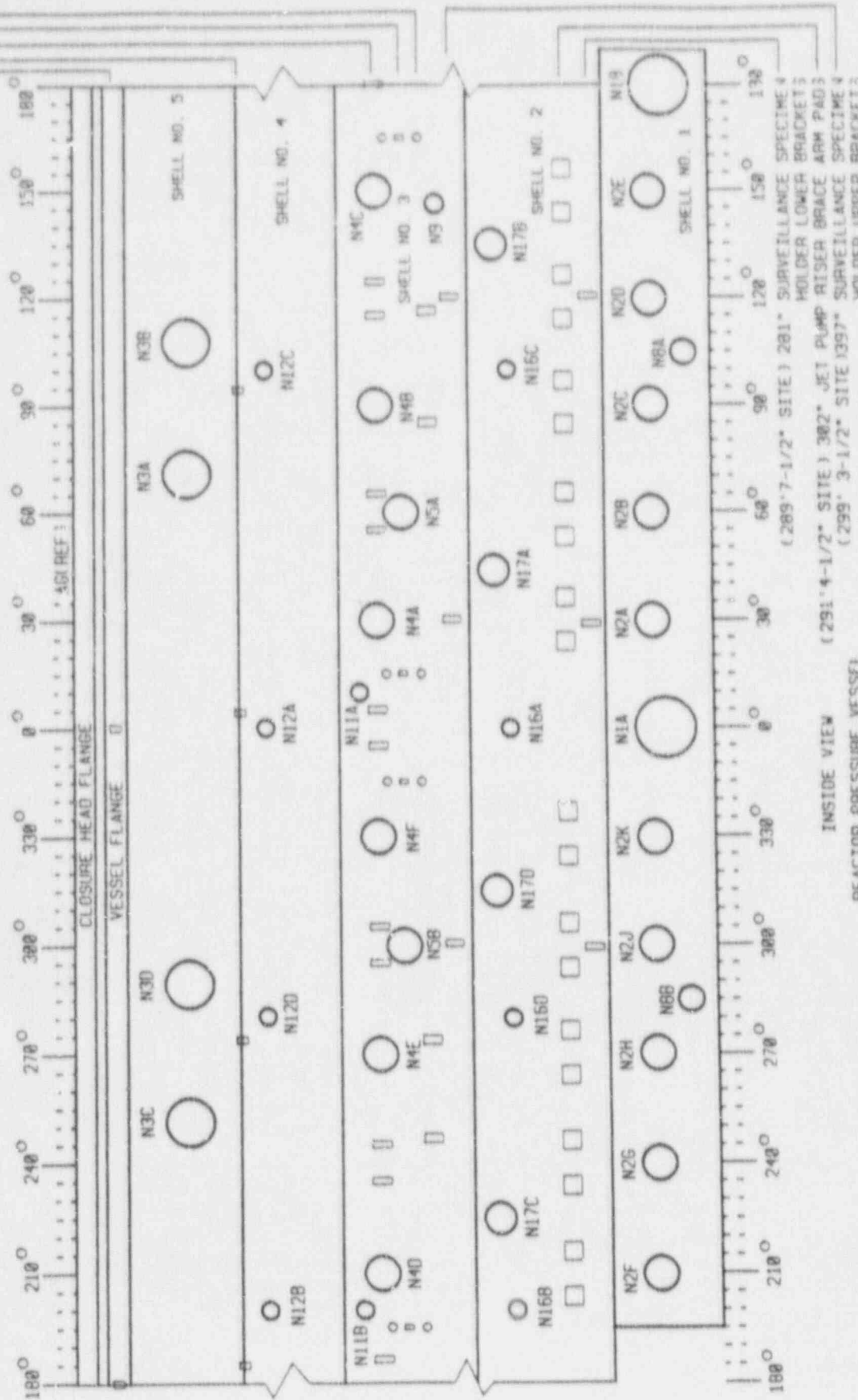


DATE	10/88
REV	8

NUCLEAR FIELD TECHNICAL SERVICES

PROJECT		TITLE	
LIMERICK 1 & 2		VESSEL LAYOUT	
DR PROJ R/V	DR TECH R/V	PCD APPL	DRAWN BY
E P BAILEY	W F MILLER	D L SCHMIDT DLS	R J DILL
FIGURE NO			BN
85-83-87			

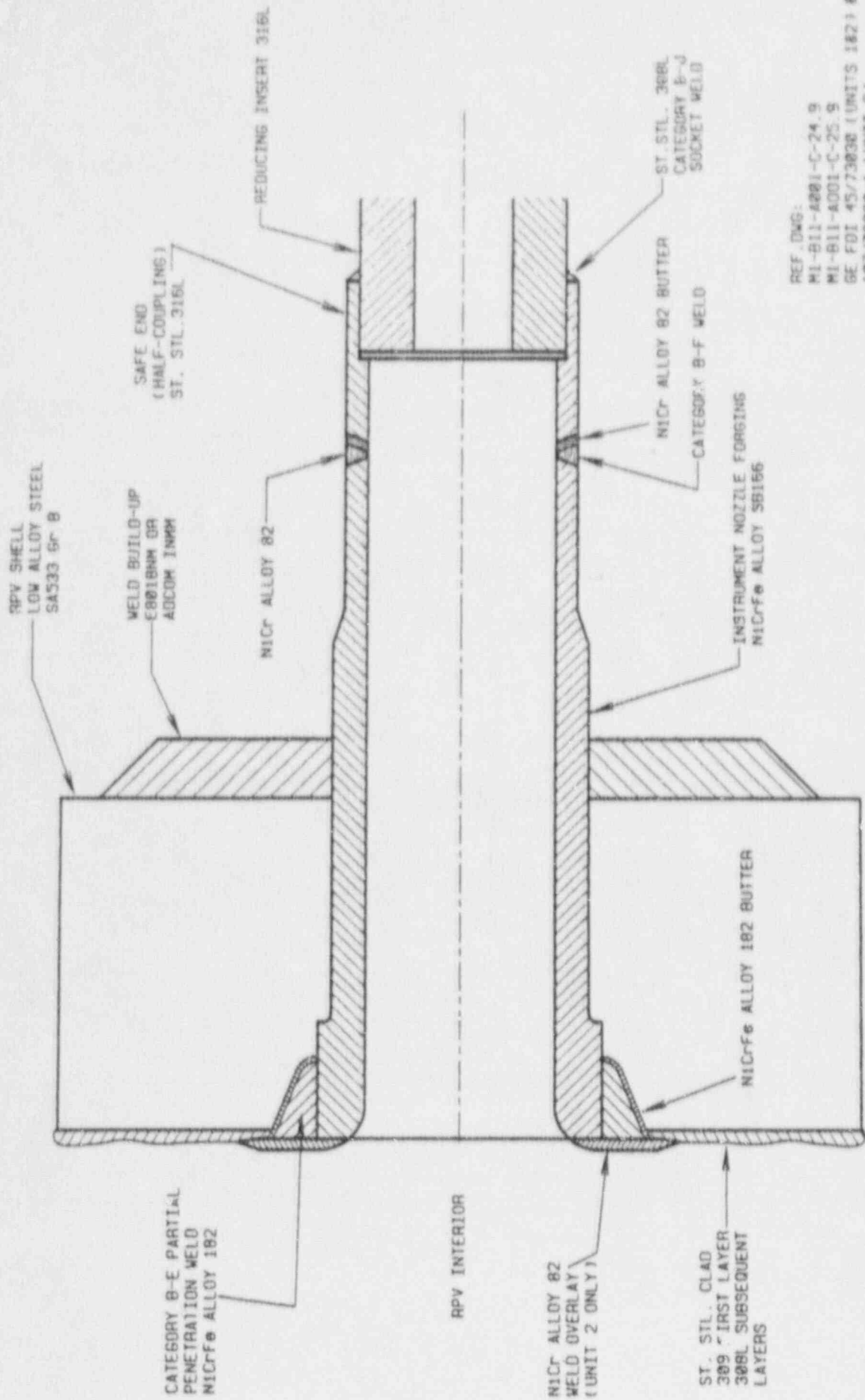
(305'-9" SITE) 475" CORE SPRAY RADIAL (112° & 247°)
 AND VERTICAL (85° & 274°) BRACKETS
 (306'-7-1/2" SITE) 484-1/2" CORE SPRAY END BRACKETS
 (307'-9-1/2" SITE) 498-1/2" FEEDWATER SPARGER BRACKETS
 (318'-4" SITE) 625-1/2" STEAM DRYER SUPPORT BRACKETS
 (327'-10" SITE) 739" GUIDE ROD BRACKETS



INSIDE VIEW (291'-4-1/2" SITE) 382" JET PUMP RISER BRACE ARM PADS
 REACTOR PRESSURE VESSEL
 (289'-7-1/2" SITE) 281" SURVEILLANCE SPECIMEN 4
 HOLDER LOWER BRACKETS
 (299'-3-1/2" SITE) 1397" SURVEILLANCE SPECIMEN 4
 HOLDER UPPER BRACKETS

DATE	REV	10/66	0
PROJECT		LIMERICK 1 & 2	
TITLE		INTERIOR ATTACHMENTS IDENTIFICATION MAP	
DESIGNED BY	DRIVEN BY	PROJECT NO.	SCALE
E. P. BAILEY	W. F. MILLER	0 L. SCAMMIG	B. J. OTTL
PROJECT		D.C.S.	
PROJECT		BNN	

REF DWGS:
 8831-M-1-811-APP-1-C-5 TO -18
 GE FOI 79/73038 UNIT 1
 52/73038-1 UNIT 2

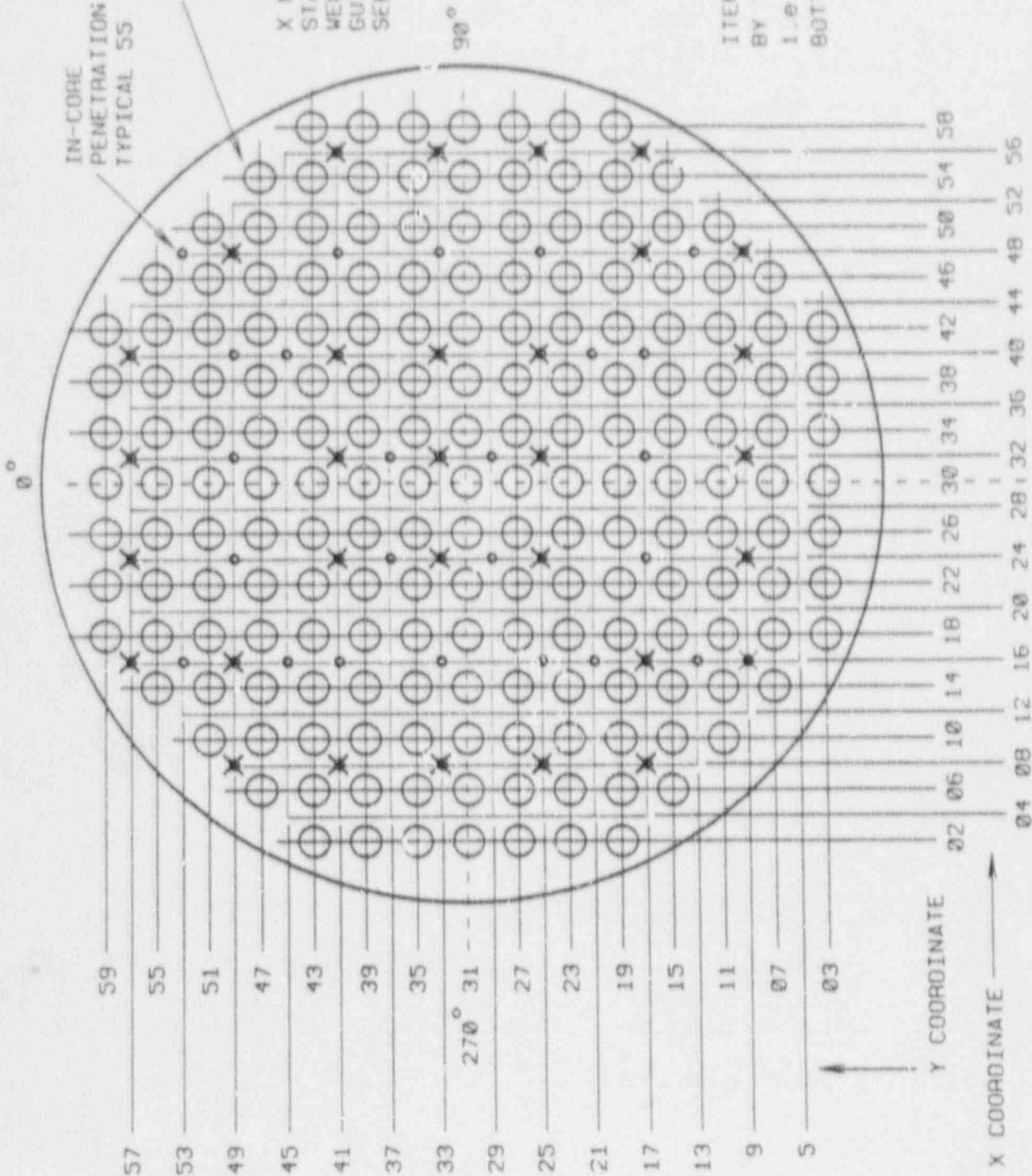


REF. DWG:
 M1-B11-A001-C-24.9
 M1-B11-A001-C-25.9
 GE FBI 45/73030 (UNITS 1&2)
 107/73030-1 (UNIT 2)
 M1-B11-A001-C-170.1
 M1-B11-A001-C-171.1

PROJECT	TITLE	INSTRUMENT NOZZLE NO., N12, AND N16
LIMERICK 1 & 2		
ME PROJ ENR	ME TECH ENR	DESIGN BY
E P BAILEY	W F MILLER	R J DILL
	DLS	FIELD APPV.
		D L SCHMIDT
		DATE
		80-07-07
		FIGURE NO.
		BE-1

DATE	10/08
REV	B

NUCLEAR FIELD TECHNICAL SERVICES



X MARKS LOCATIONS WHERE STABILIZER BRACKETS ARE WELDED TO THE INCORE GUIDE TUBE. SEE FIG. NO. BN-5

ITEMS SHALL BE IDENTIFIED BY THE X-Y COORDINATES I.E. THE CENTER OF THE BOTTOM HEAD IS 38-31

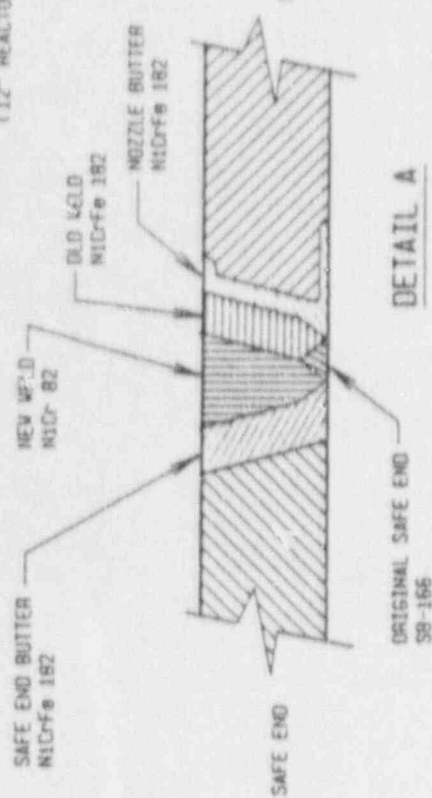
PROJECT LIMERICK 1 & 2		TITLE PLAN OF CRD AND IN-CORE PENETRATIONS (BOTTOM HEAD)	
DESIGNED BY E. P. BAILEY	DESIGNED BY N. F. WELLS	DRAWN BY D. L. SCHMIDT	CHECKED BY R. J. DILL
		DATE 84-29-87	
		DRAWING NO. BE-5	

REF DWG 8031-M-1-811-2010-C-003.5
8031-M-1-811-2010-C-004.5

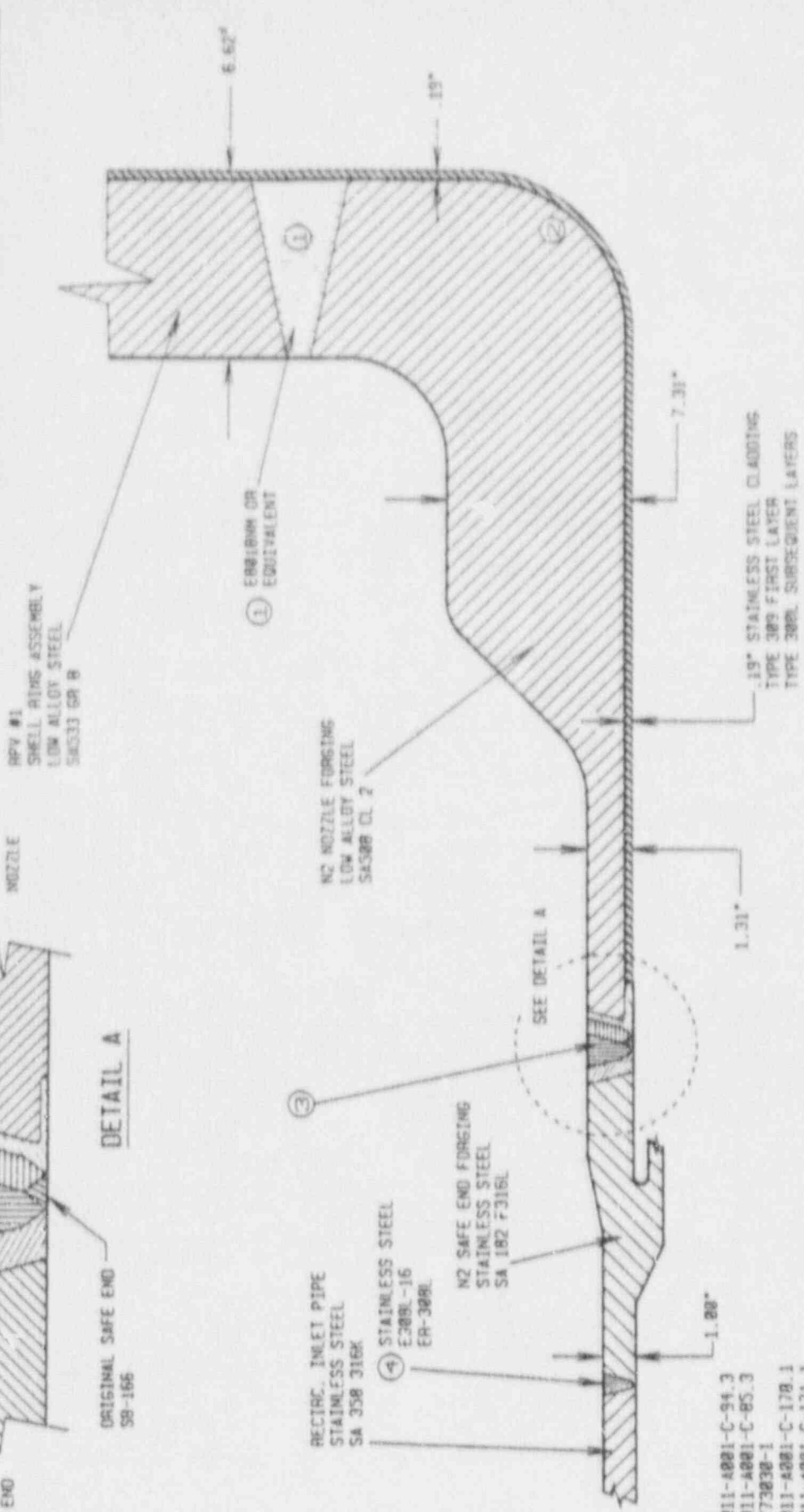
DATE	IC/BB
REV	0

NUCLEAR FIELD TECHNICAL SERVICES

12" REACTOR RECIRCULATION INLET-18 NOZZLES

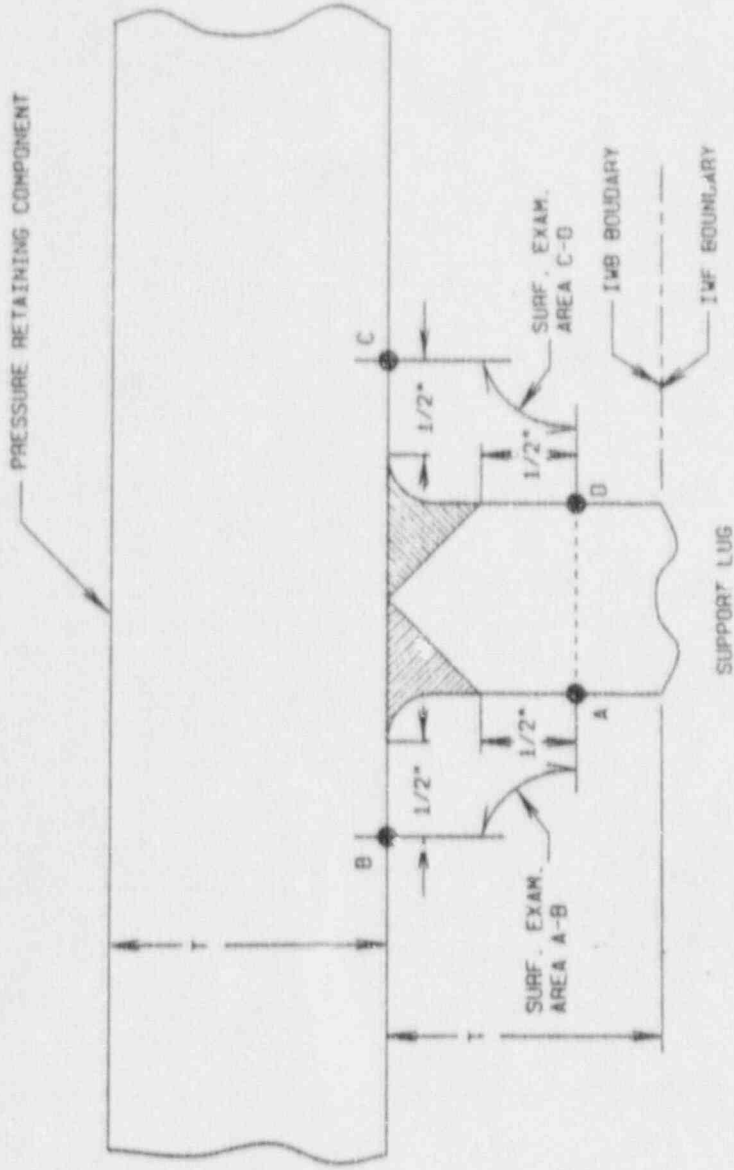


WELD T. B. & LOCATION	IDENTIFICATION	DIR. CARRIER
1. NOZZLE TO VESSEL	N2A, B, C, D, E, F, G, H, J, K	B-D
2. NOZZLE INNER RADIUS	N2A, B, C, D, E, F, G, H, J, K	B-D4
3. NOZZLE TO SAFE END	SH-166-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100	9-4*
4. SAFE END TO PIPE	SH-166-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100	B-J



REF. DWGS:
 8031-N-1-011-4001-C-94.3
 8031-N-1-011-4001-C-85.3
 GE: FOI40/73038-1
 8031-N-1-011-4001-C-178.1
 8031-N-1-011-4001-C-171.1

DATE	10/86	TITLE	N2 NOZZLE ASSEMBLY AND WELD DETAILS
REV	0	DESIGNED BY	D L SCHMIDT
		CHECKED BY	M J OELL
		DATE	04-28-87
PROJECT		LIMERICK 1	
PROJECT MAN	E P BADLEY	REC APPR	D L SCHMIDT
ME TECH REV	M F MILLER	DATE	04-28-87
GENERAL ELECTRIC		NUCLEAR FIELD TECHNICAL SERVICES	
		DRAWING NO. BF-2-1	

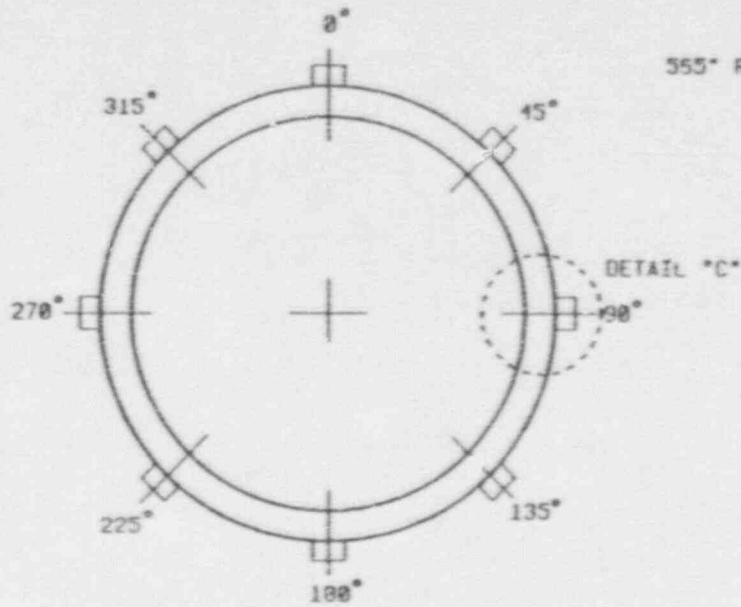


T-6.44* RPV STABILIZER BRACKET TO SHELL RING #4
 T-5.125* CLOSURE HEAD LIFTING LUG TO SIDE PLATE

DATE	10/10/86
REV	0

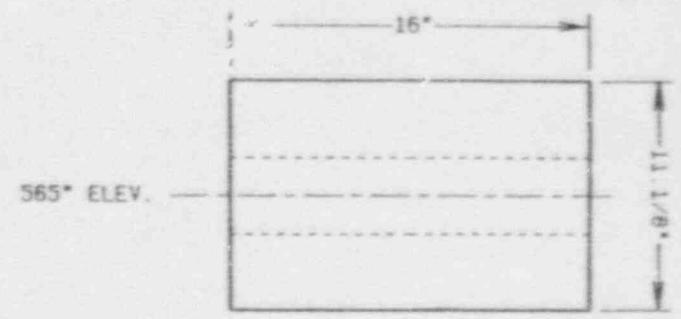
NUCLEAR FIELD TECHNICAL SERVICES

PROJECT	LIMERICK 1 & 2		TITLE	SUPPORT LUG EXAMINATION SURFACE		
DR	E. P. BAILEY	DESIGN	D. L. SCHMIDT	DESIGNED BY	R. J. OELL	
CHKD	F. MILLER	REVISION	DLS	DATE	05-86-87	
					FIGURE NO.	8H-2

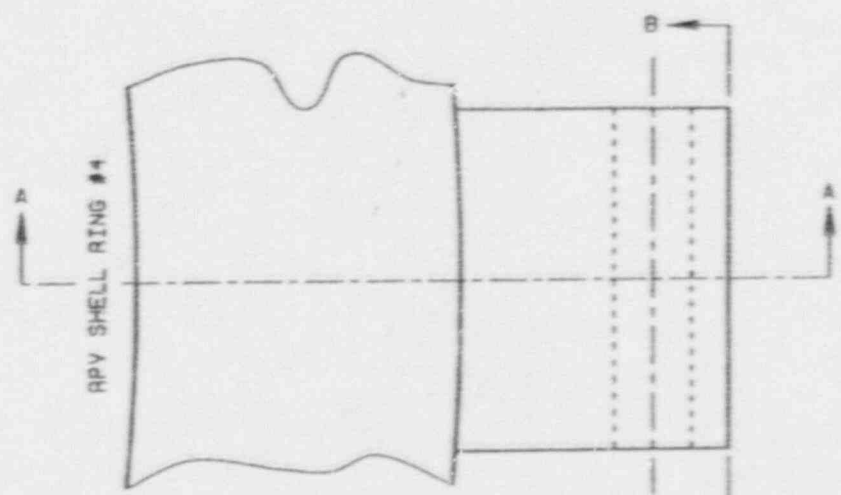


PLAN OF VESSEL

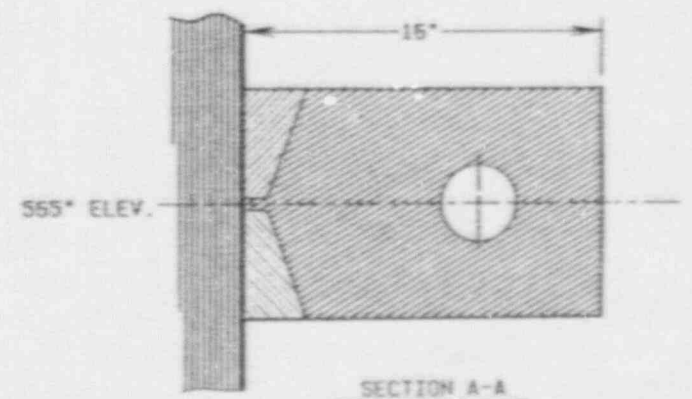
555° RPV ELEVATION AT 0°, 45°, 90°, 135°, 180°, 225°, 270°, 315° AZ



VIEW B-B
(FRONT ELEVATION)



DETAIL "C"
(PLAN)

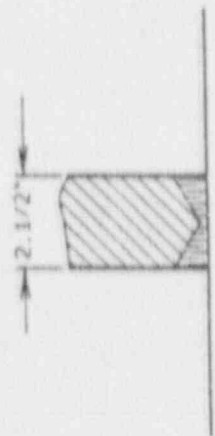
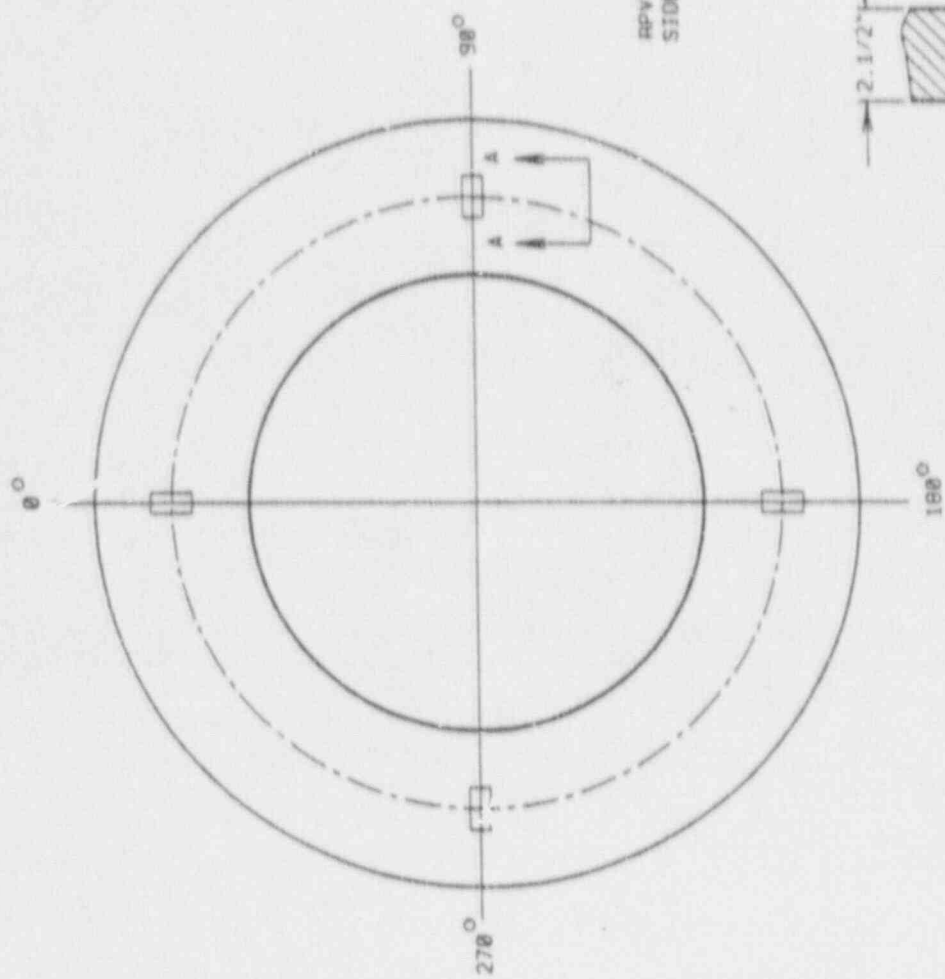
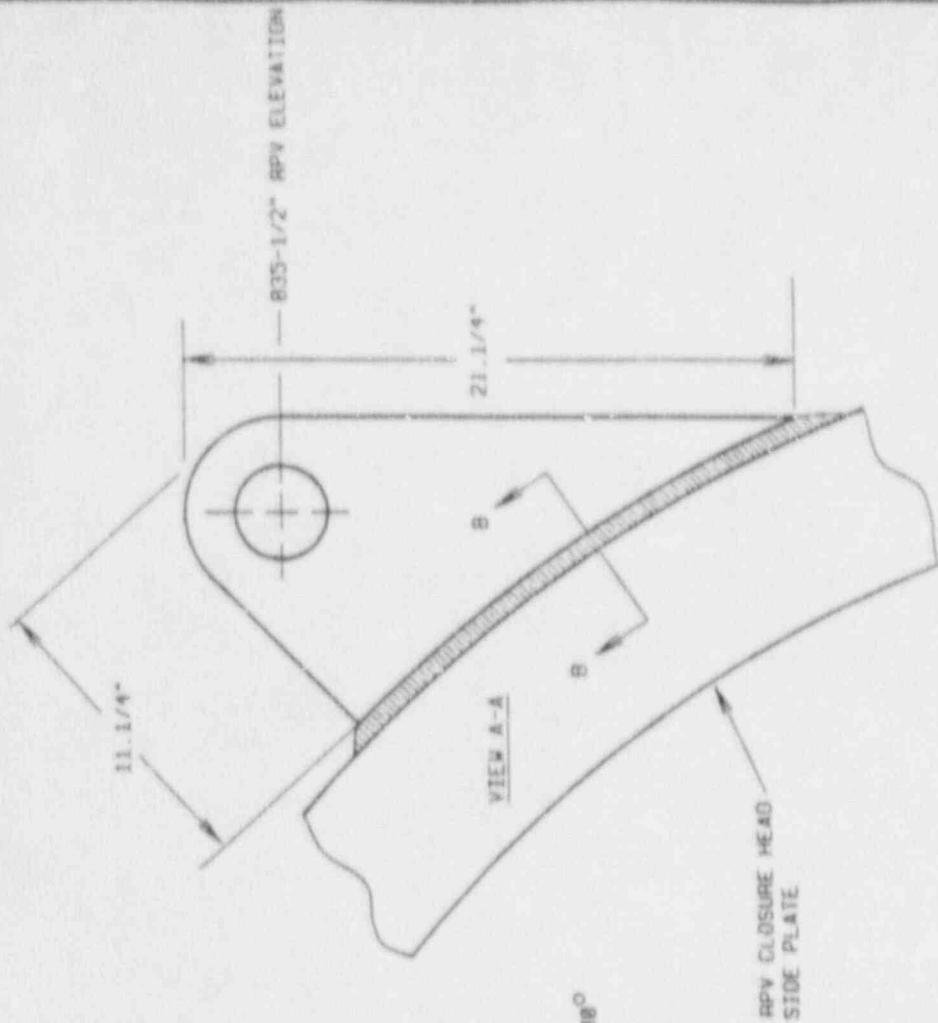


SECTION A-A
(SIDE ELEVATION)

DATE	10/88
REV	8

REF DWG: 8031-M-1-B11-A001-C-04

PROJECT LIMERICK 1 & 2		TITLE RPV STABILIZER BRACKETS		
DE. PROJ. REV. E P BAILEY	DE. TECH. REV. W F MILLER	REC'D APPV. D L SCHMIDT DLS	DRAWN BY R J GILL	FIGURE NO. BH-3
		85-86-87		

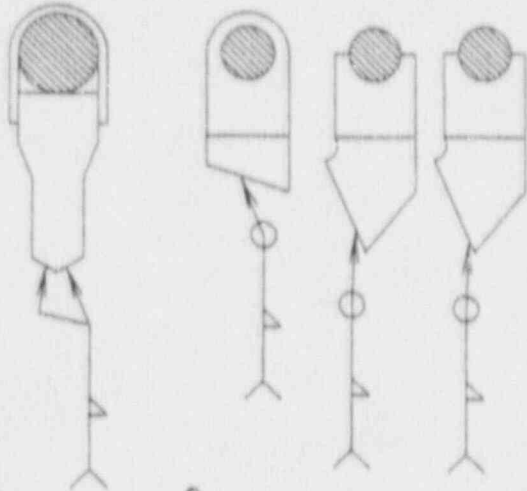
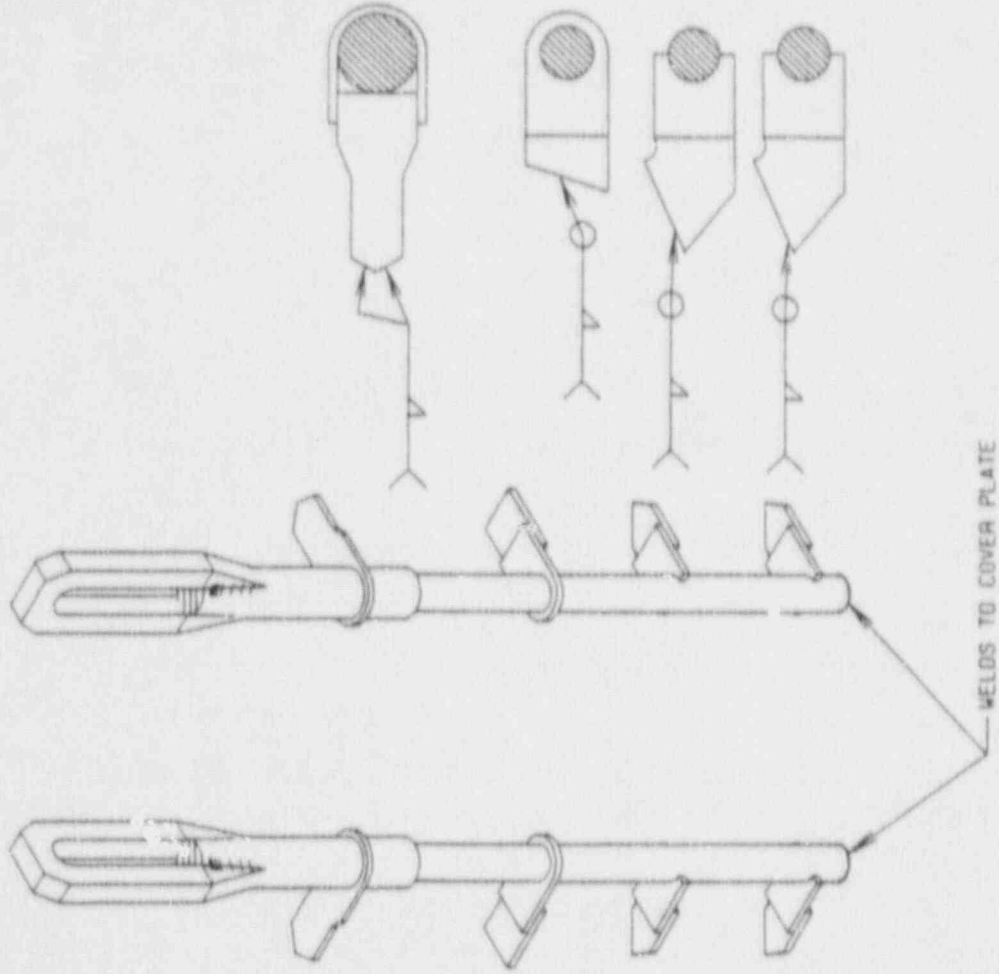
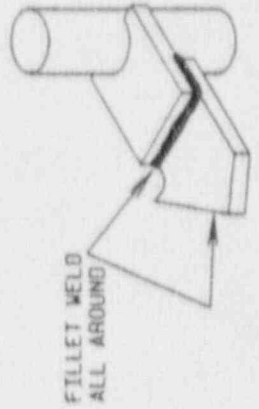
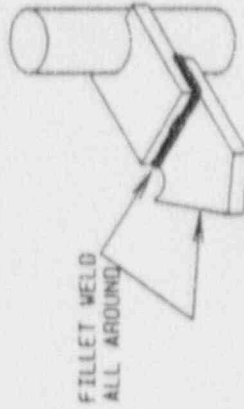
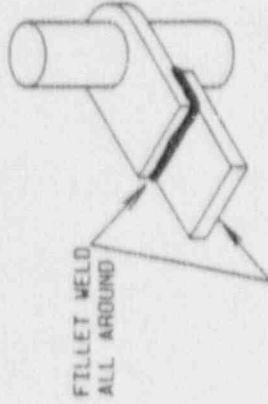
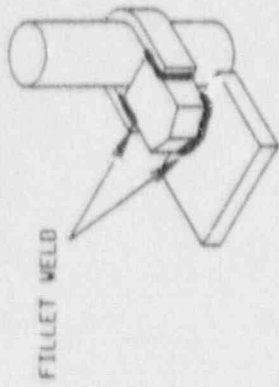


PLAN VIEW OF CLOSURE HEAD

SECTION B-B

PROJECT	TITLE
LIMERICK 1 & 2	CLOSURE HEAD LIFTING LUGS
DESIGNED BY	DESIGNED BY
E. P. BAILEY	D. L. SCHMIDT
CHECKED BY	CHECKED BY
W. F. WELLS	R. J. DILL
DATE	DATE

DATE	10/18/66
REV.	8

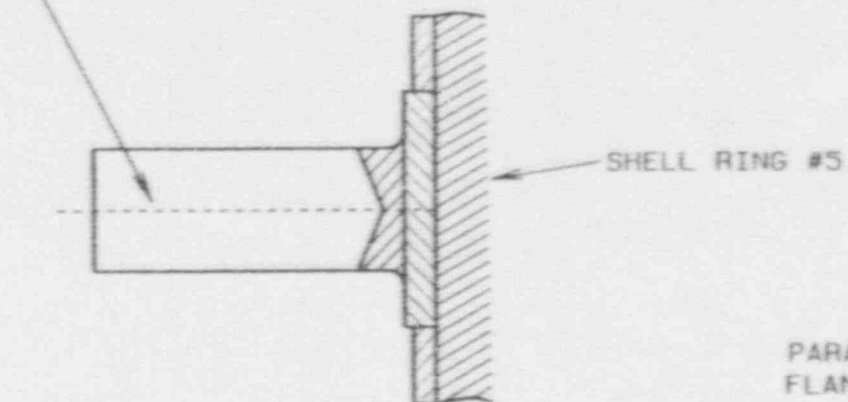


DATE	10/88
REV	0

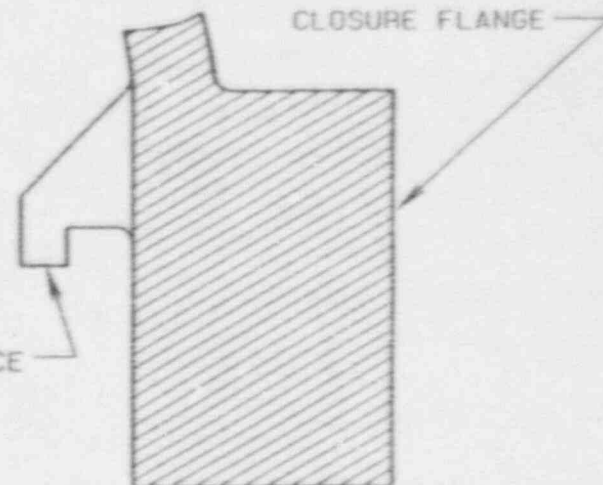
PROJECT	TITLE
LIMERICK 1 & 2	STEAM DRYER LIFTING LUGS
DESIGNED BY	DRAWN BY
E. P. BRILEY	D. L. SCHMIDT
CHECKED BY	DATE
W. F. MULLER	10/88

PN-1-2

AT AZIMUTHS 4° , 94° , 184° , 274°
(4 REQ'D)

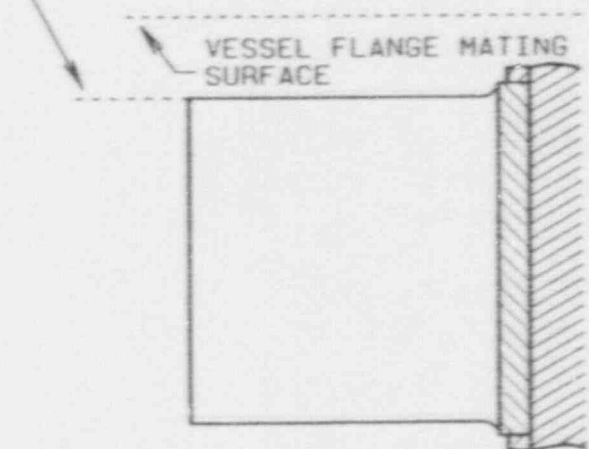


CLOSURE FLANGE



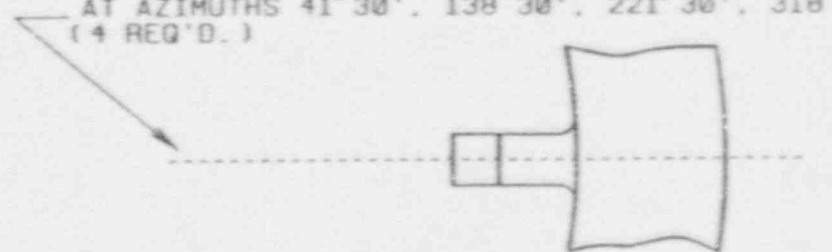
PARALLEL TO HEAD
FLANGE MATING SURFACE

PARALLEL TO VESSEL FLANGE
MATING SURFACE



STEAM DRYER SUPPORT BRACKET
(625-1/2" RPV ELEV.)

AT AZIMUTHS $41^{\circ}30'$, $138^{\circ}30'$, $221^{\circ}30'$, $318^{\circ}50'$
(4 REQ'D.)

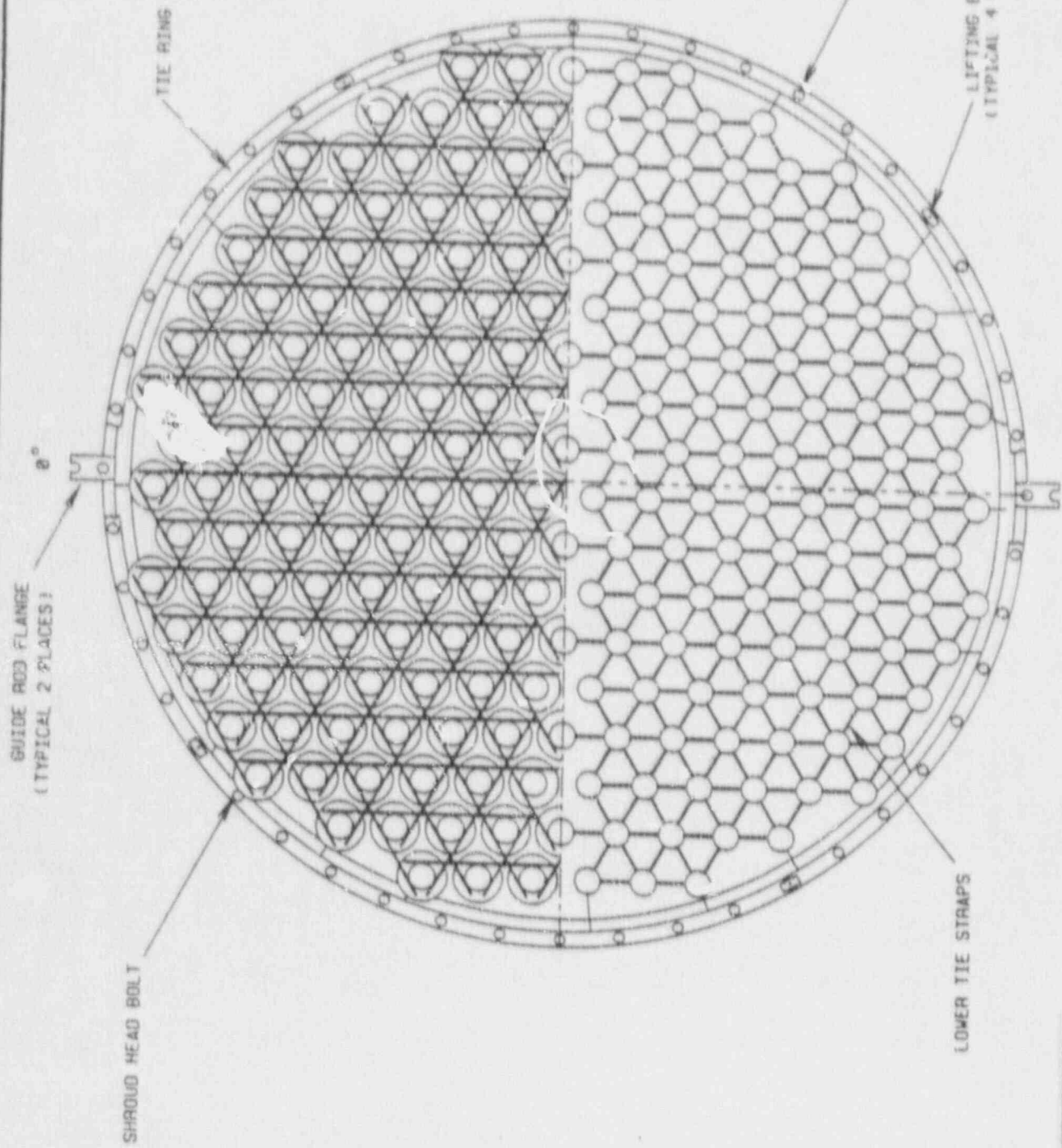


DRYER HOLD DOWN BRACKET
(RPV CLOSURE HEAD)

DATE	10/88
REV	8

NUCLEAR FIELD TECHNICAL SERVICES

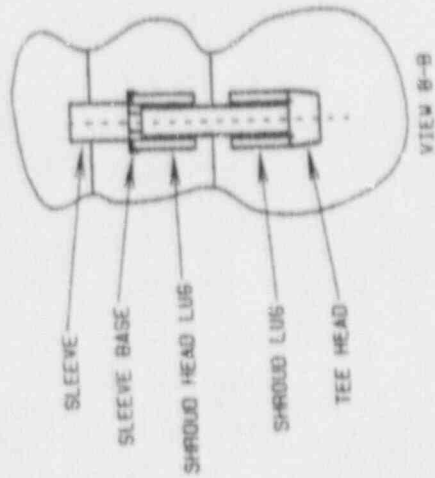
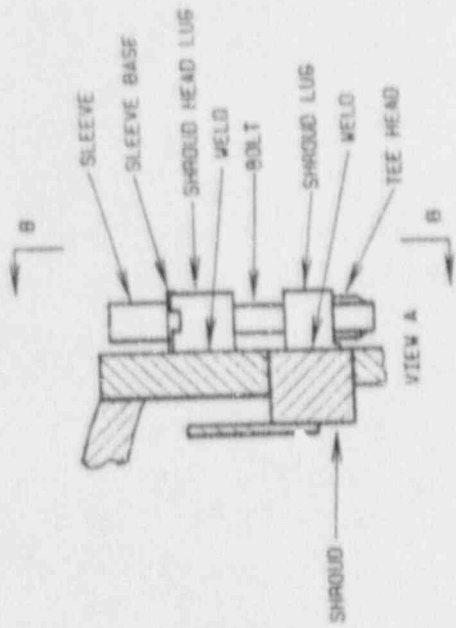
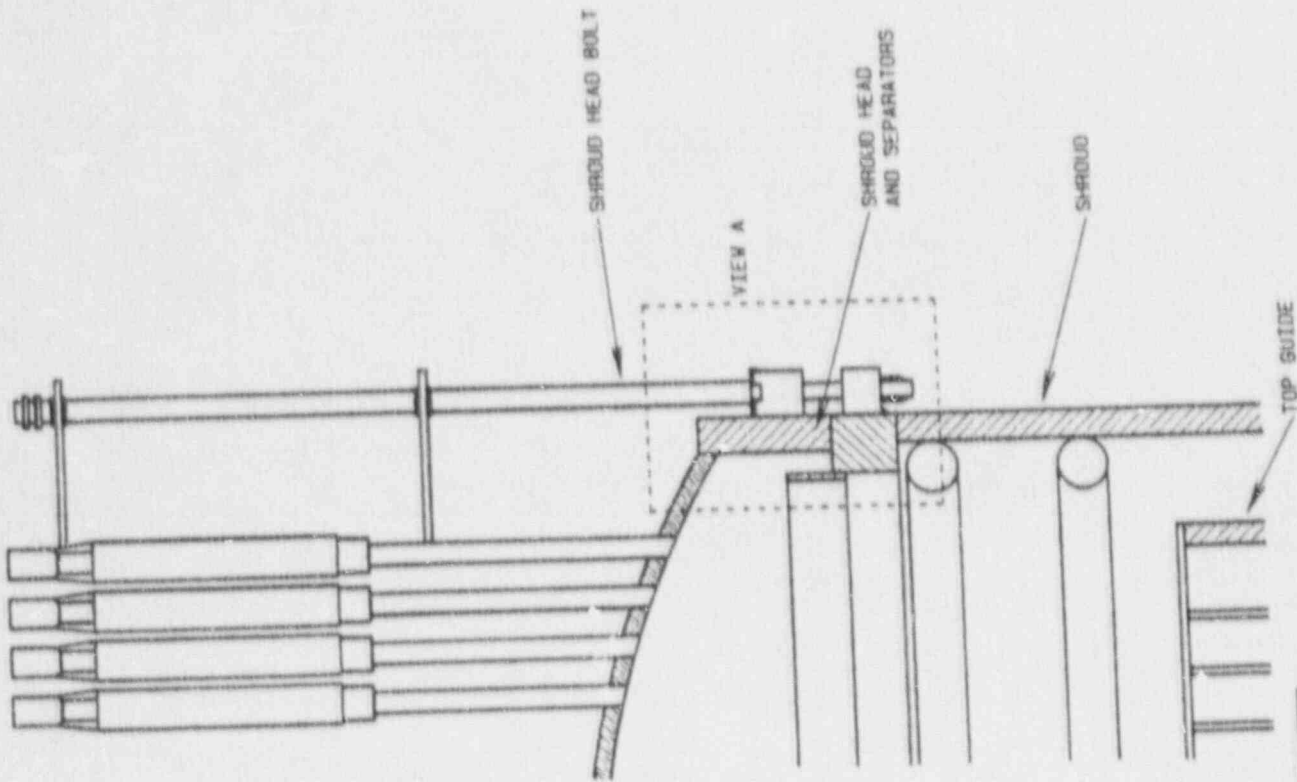
PROJECT		TITLE		
LIMERICK 1 & 2		DRYER HOLD DOWN AND SUPPORT BRACKET		
DE PROJ RVW	DE TECH RVW	PRCD APPVL	DRAWN BY	FIGURE NO
E P BAILEY	W F MILLER	D L SCHMIDT DLS	R J DILL 84-28-87	BN-1-3



DATE 10/66
REV 0

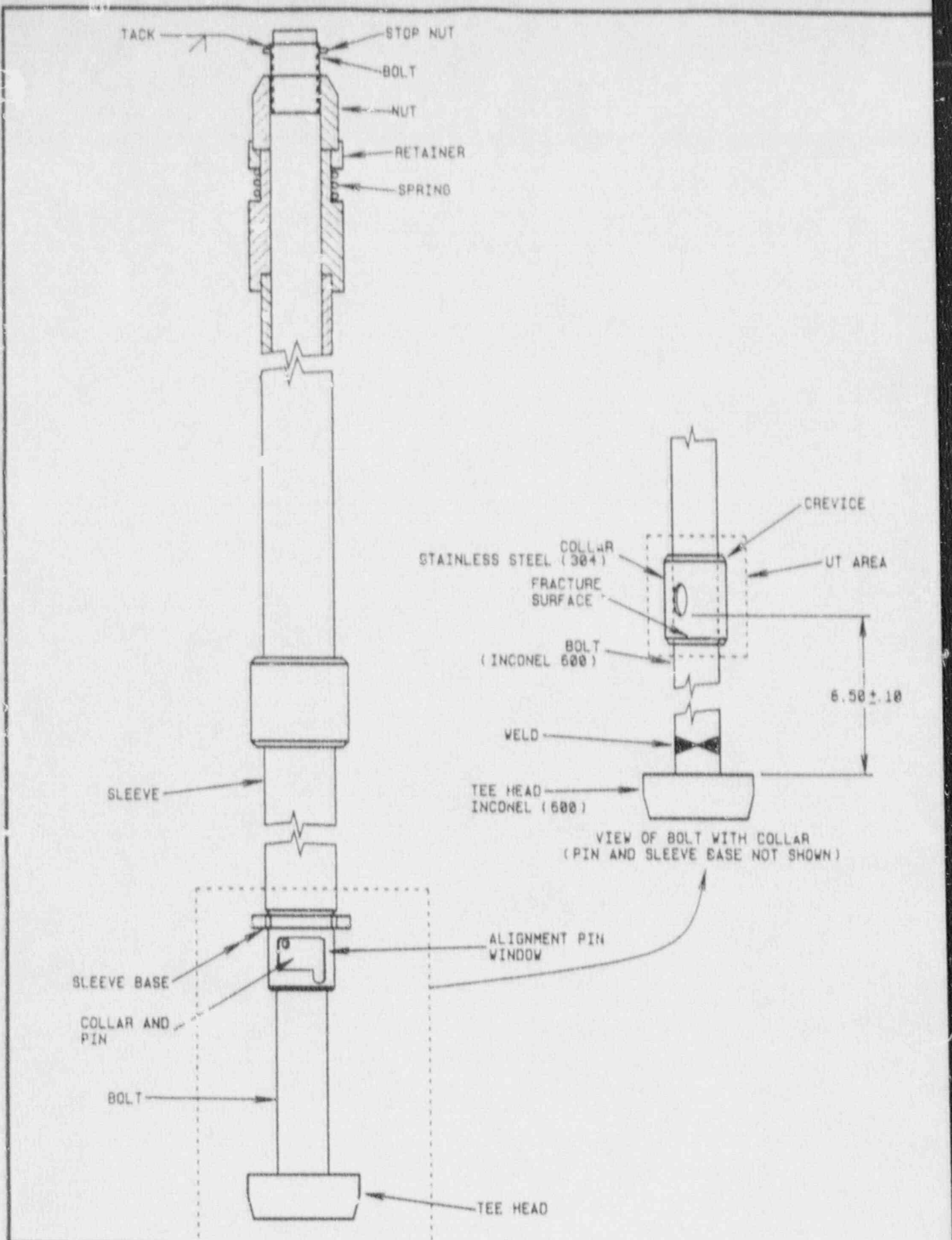
PROJECT	TITLE	DESIGNED BY	CHECKED BY	SCALE
LIMERICK 1 & 2	SHROUD HEAD AND SEPARATOR	H. J. DILL	D. L. SCHMIDT	AS SHOWN
BY E. P. BAILEY	DATE 10/66	BY H. J. DILL	DATE 10/66	BY D. L. SCHMIDT

DN-2-1



PROJECT	TITLE	SHROUD HEAD BOLT	FIGURE NO.	BN-2-2
LIMERICK 1 & 2	DESIGNED BY	R. J. GILL	DRAWN BY	85-85-87
E. P. BAILEY	DATE	10/16/66	BY	8
W. F. MILLER	DATE	10/16/66	BY	8

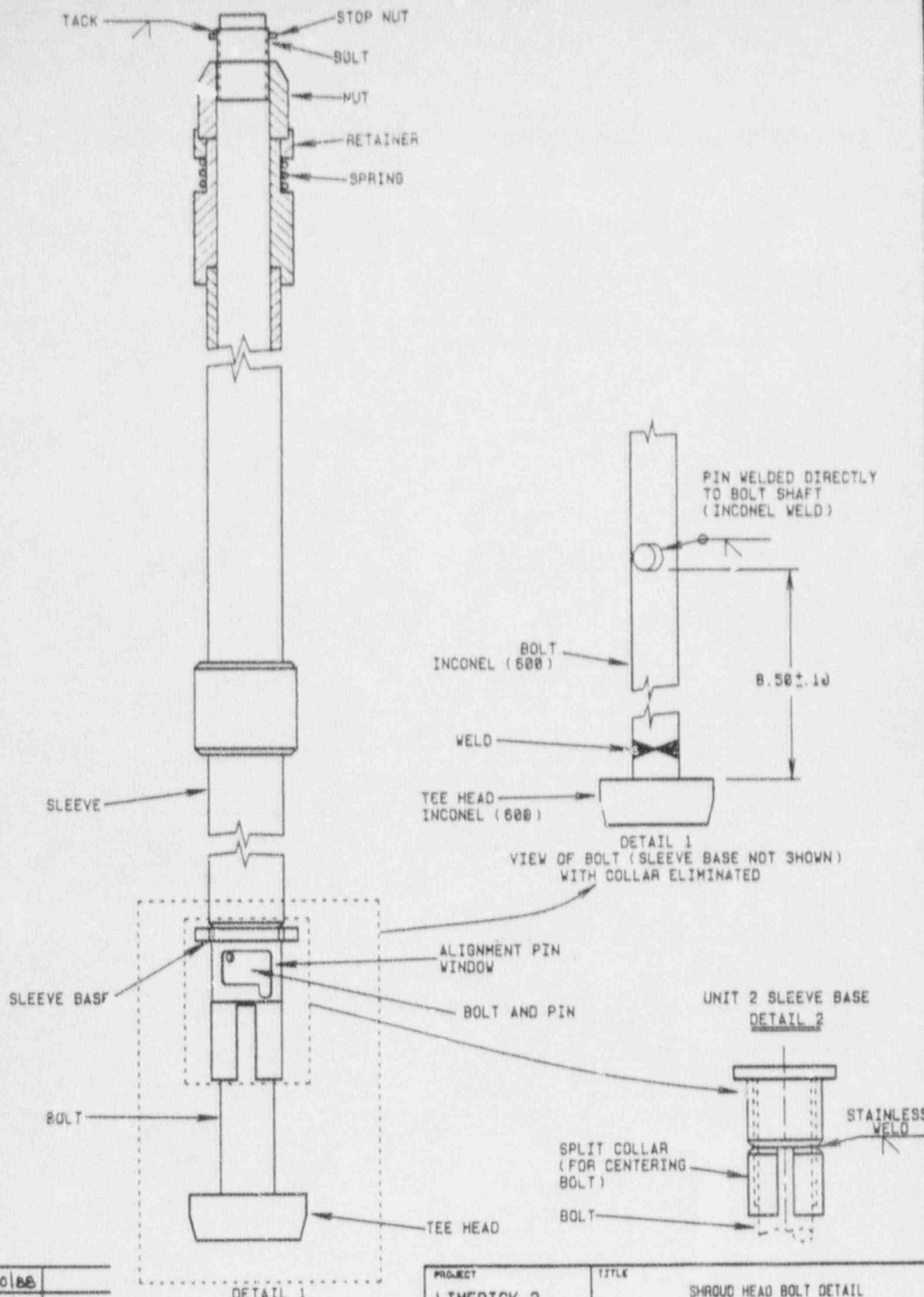
DATE 10/16/66
 BY 8
 NUCLEAR FIELD
 ATOMICAL SERVICES



DATE 10/88
REV 8

NUCLEAR FIELD TECHNICAL SERVICES

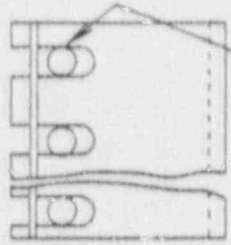
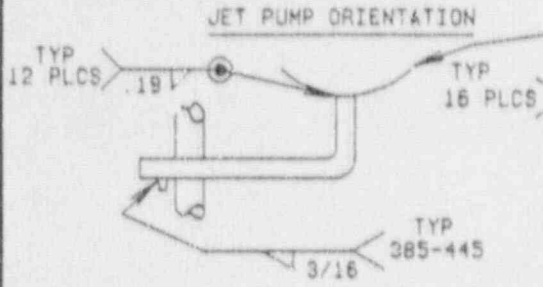
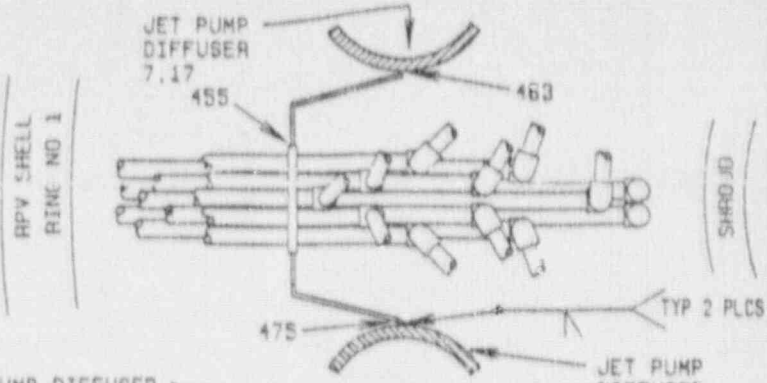
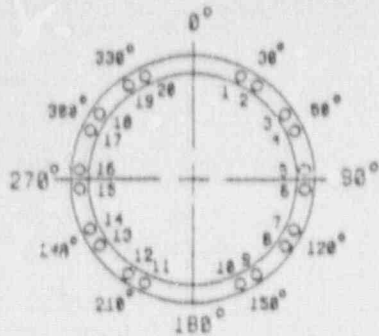
PROJECT LIMERICK 1		TITLE SHROUD HEAD BOLT DETAIL		
SE PROJ RYV E P BAILEY	SE TECH RYV V F MILLER	PECD APPL D L SCHMIDT DLS	DRAWN BY R J DILL 85-03-87	FIGURE NO BN-2-3



DATE	10/86
REV	8

NUCLEAR FIELD TECHNICAL SERVICES

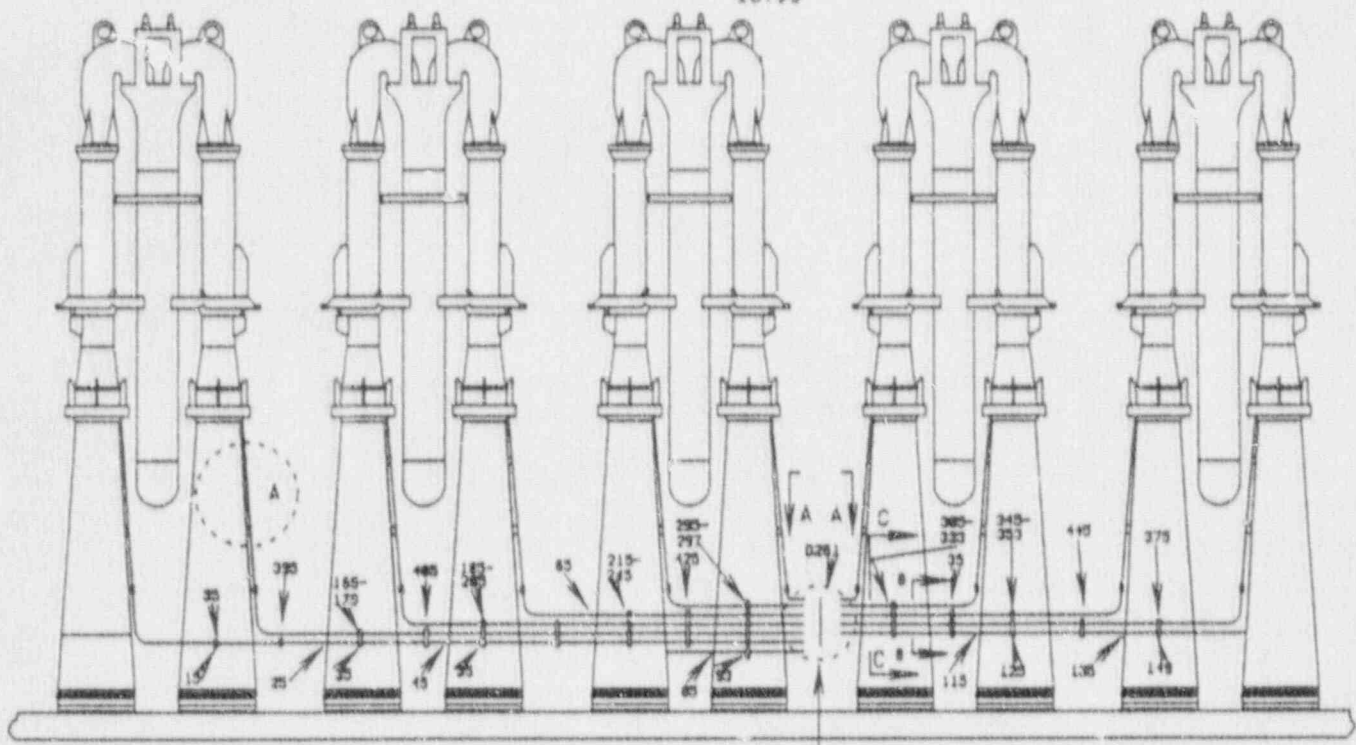
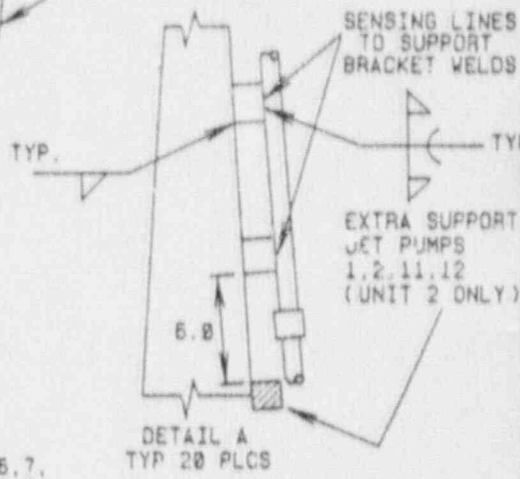
PROJECT		TITLE	
LIMERICK 2		SHROUD HEAD BOLT DETAIL	
DESIGN BY	TECH BY	PECS APPL	DRAWN BY
E P BAILEY	V F MILLER	D L SCHMIDT	R J DILL
		DLS	85-85-87
			FIGURE NO
			BN-2-4



SECTION B-B
TYP 12 PLCS

TYP 156-375

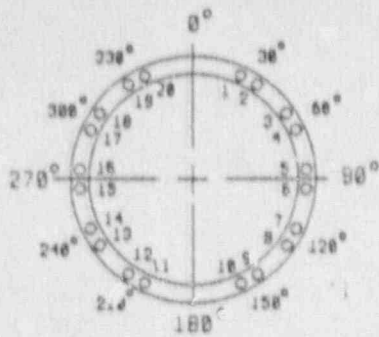
SECTION C-C
TYP 16 PLCS
JET PUMPS 2, 3, 4, 5, 6, 7,
8, 9, 12, 13, 14, 15, 16, 17,
18, 19



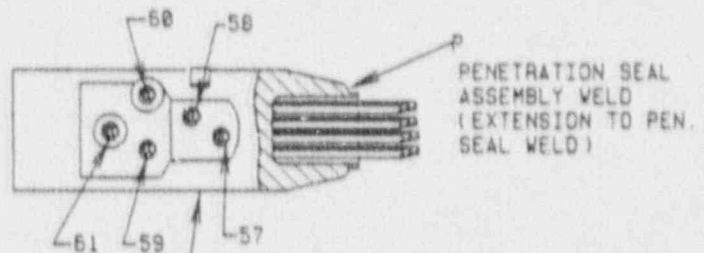
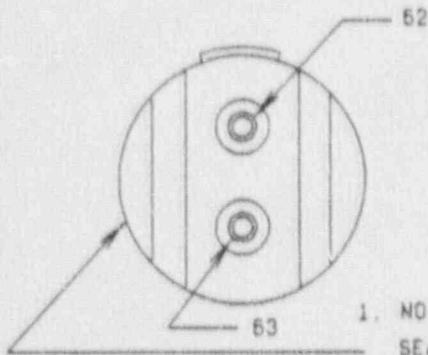
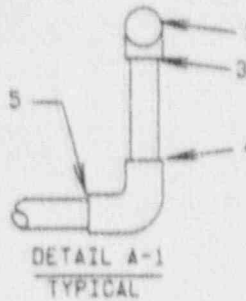
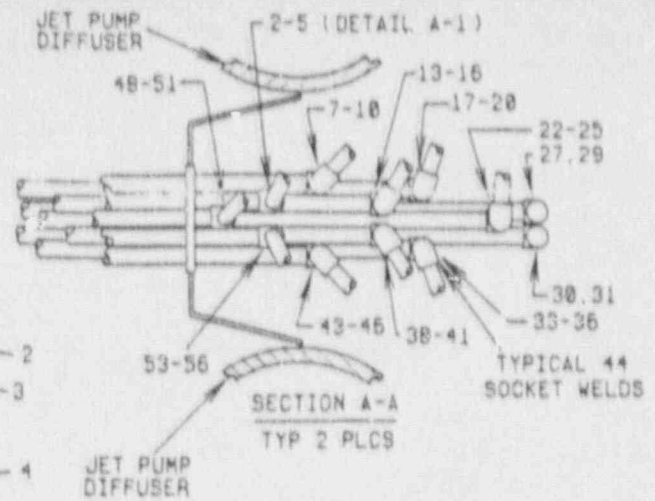
DATE	10/88
REV	8

NUCLEAR FIELD TECHNICAL SERVICES

PROJECT		TITLE		
LIMERICK 1 & 2		JET PUMP INSTRUMENTATION SUPPORT WELDS		
SE PROJ RYV	GE TECH RYV	PECO APPR	DRAWN BY	FIGURE NO
E P BAILEY	W F MILLER	D L SCHMIDT	R J DILL	8N-3-1
		DLS	84-25-87	

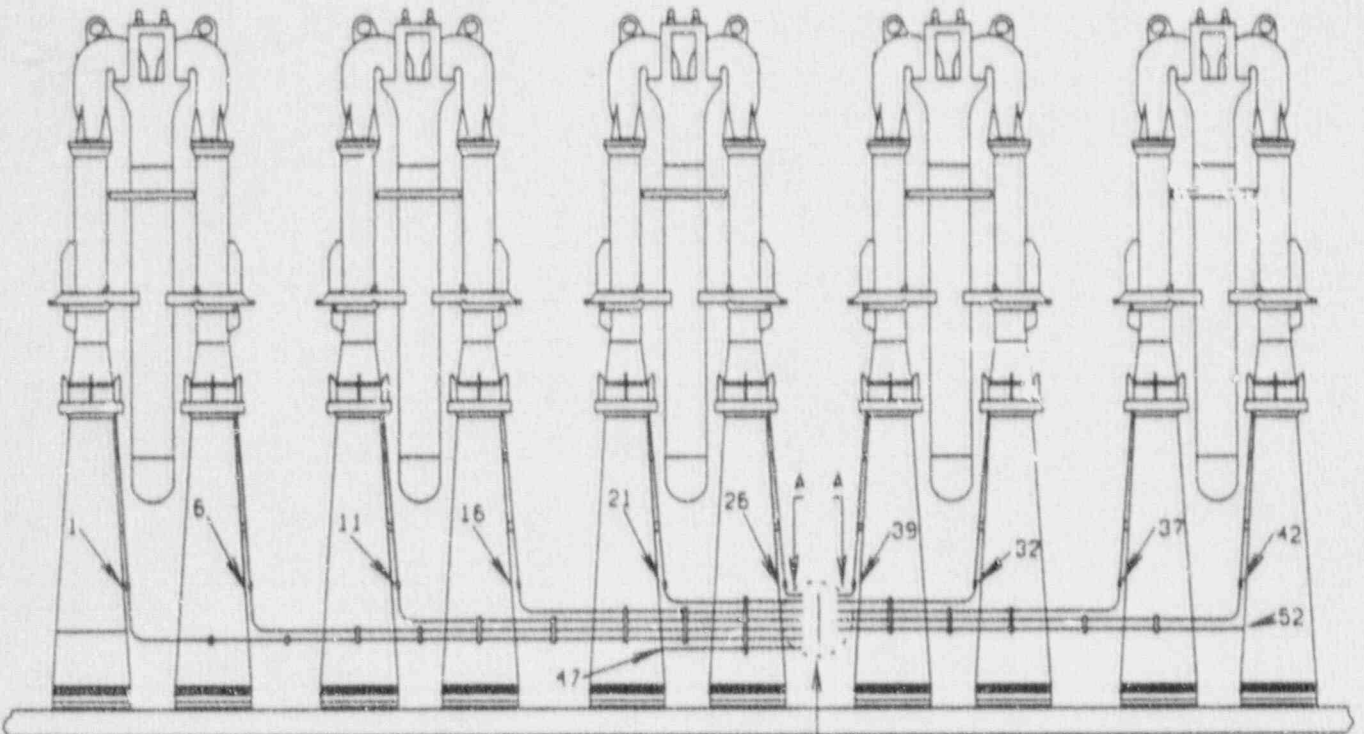


JET PUMP ORIENTATION



1. NOTES:

SEAL WELDS 64, 65, 66, 67, 68 ON OTHER SIDE



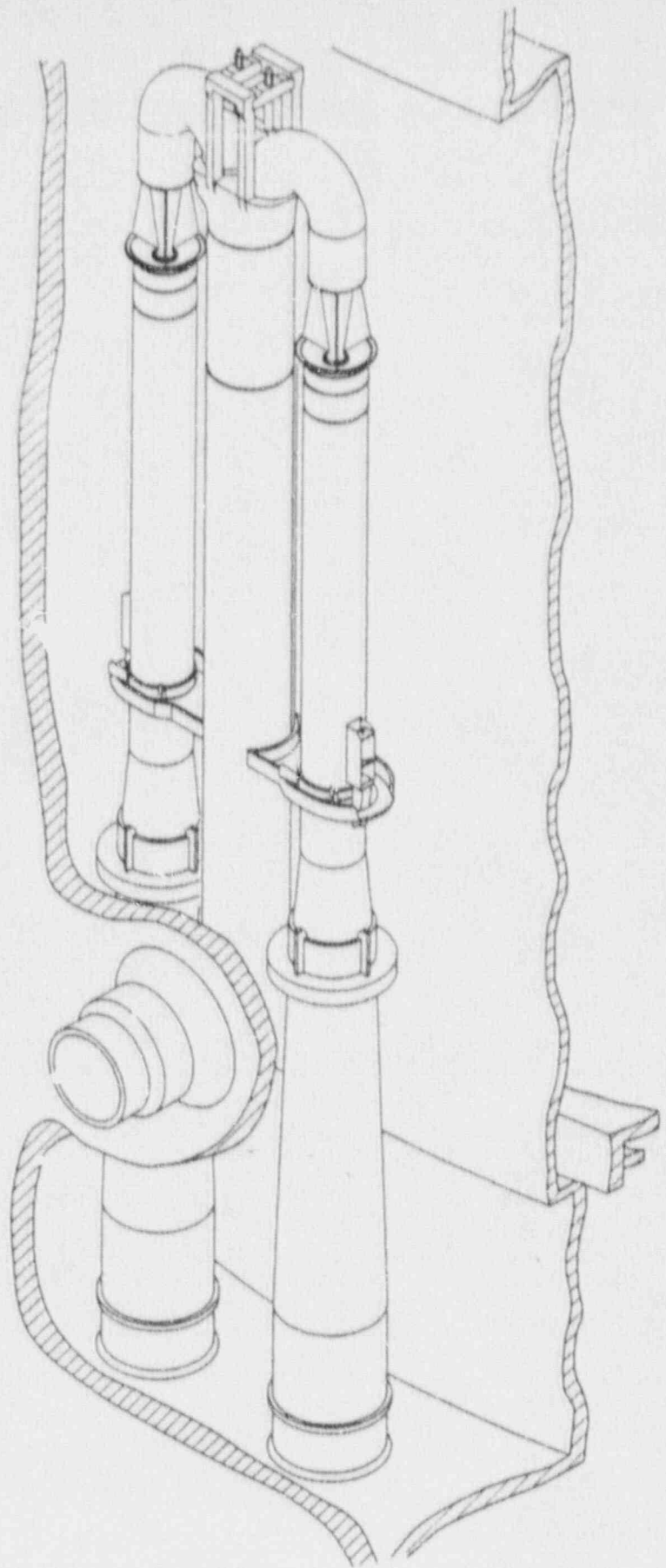
TYPICAL 2 PLACES

INSTRUMENT LINES TO HAVE A MIN OF 1/4" PER FT. SLOPE TRIM ALL LINES AT THIS END

DATE	10/88
REV	8

NUCLEAR FIELD TECHNICAL SERVICES

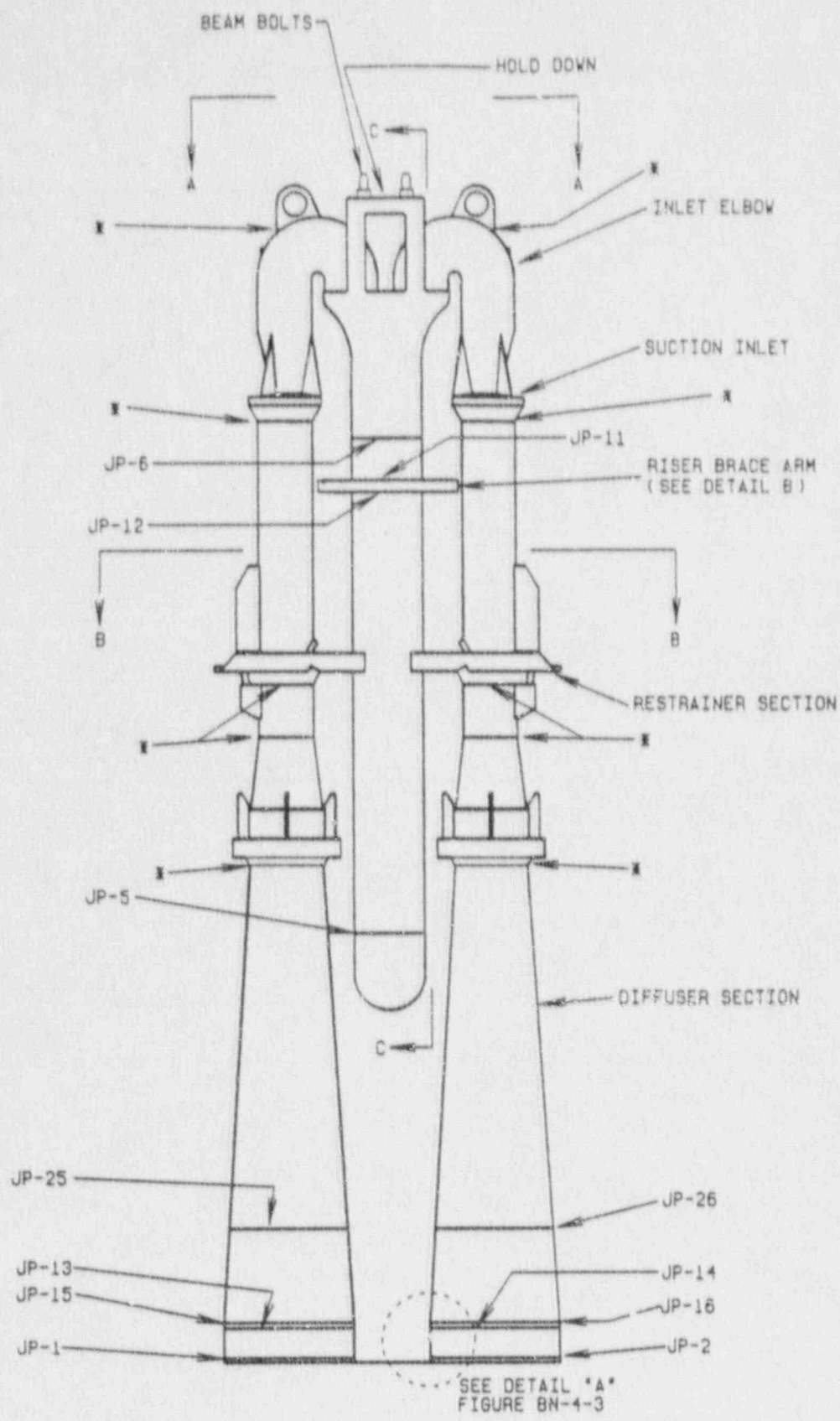
PROJECT		TITLE	
LIMERICK 1 & 2		JET PUMP INSTRUMENTATION LINE WELDS	
SE. PROJ. RVW	SE. TECH. RVW	RECD. APPR.	DRAWN BY
E P BAILEY	W F MILLER	O L SCHMIDT	R J DILL
		DLS	85-85-87
			FIGURE NO
			BN-3-2



DATE	10/68
REV	8

NUCLEAR FIELD TECHNICAL SERVICES

PROJECT		TITLE	
LIMER. CK 1 & 2		JET PUMP ASSEMBLY	
SE PROJ RVM	SE TECH RVM	PECO APPL	DRAWN BY
E P BAILEY	W F MILLER	D L SCHMIDT	R J DILL
		DLS	84-25-87
			FIGURE NO
			8N-4-1

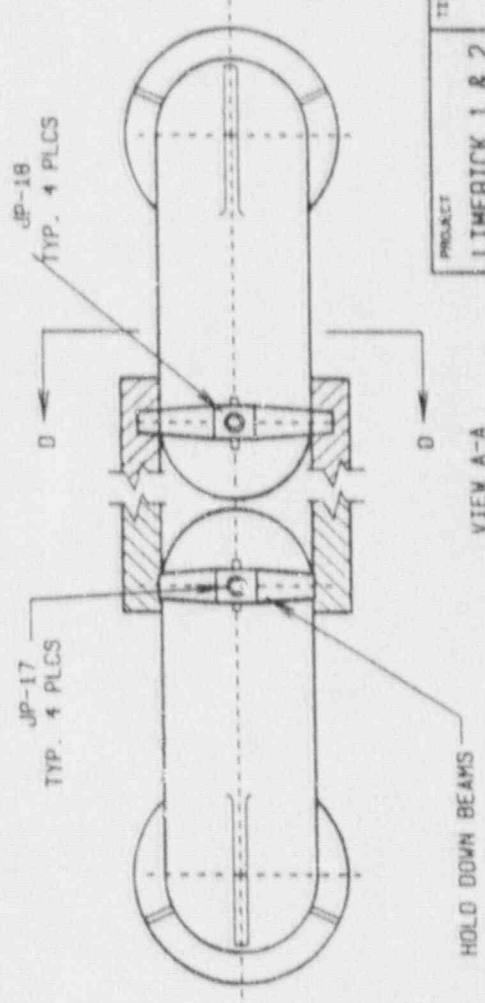
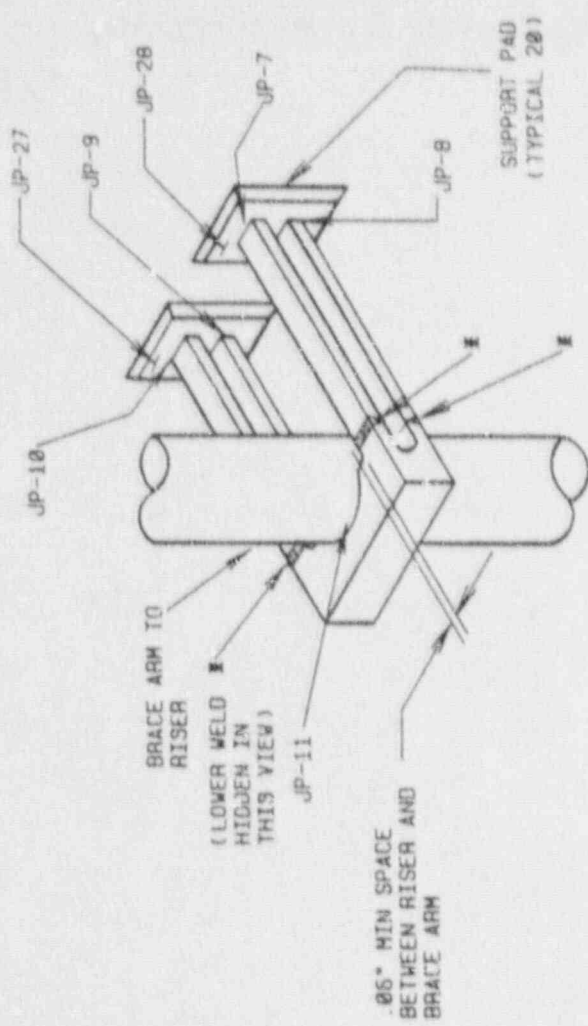
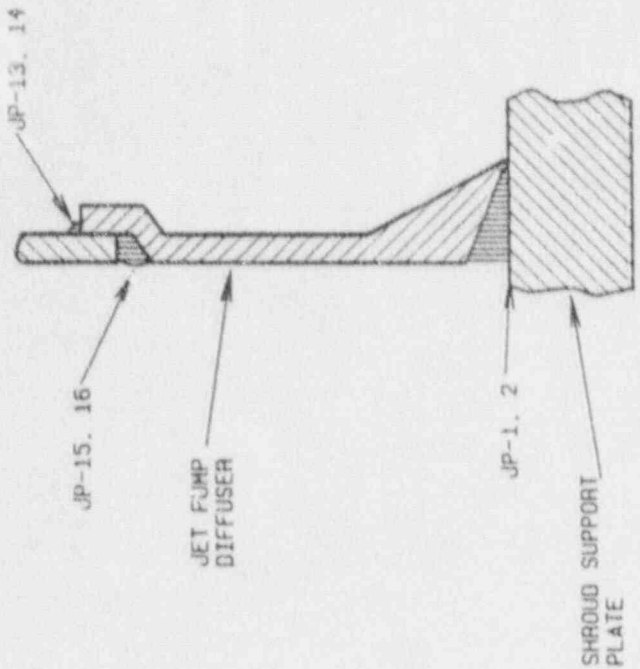


☒ SHOP WELD

DATE	10/20
REV	0

NUCLEAR FIELD TECHNICAL SERVICES

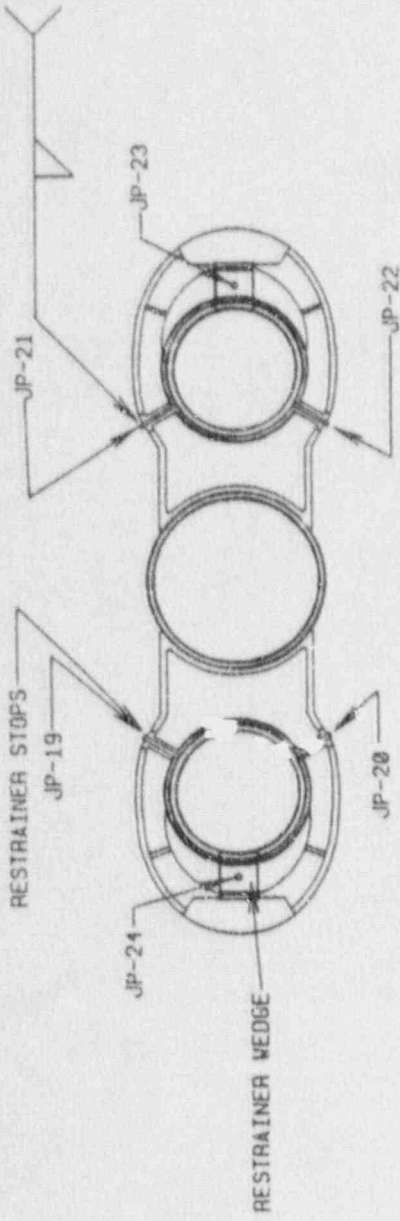
PROJECT		TITLE	
LIMERICK 1 & 2		JET PUMP ASSEMBLY DRAWING	
SE PROJ RVM	SE TECH RVM	PECO APPL	DRAWN BY
E P BAILEY	W F MILLER	D L SCHMIDT	R J DILL
		DLS	85-04-87
			FIGURE NO
			BN-4-2



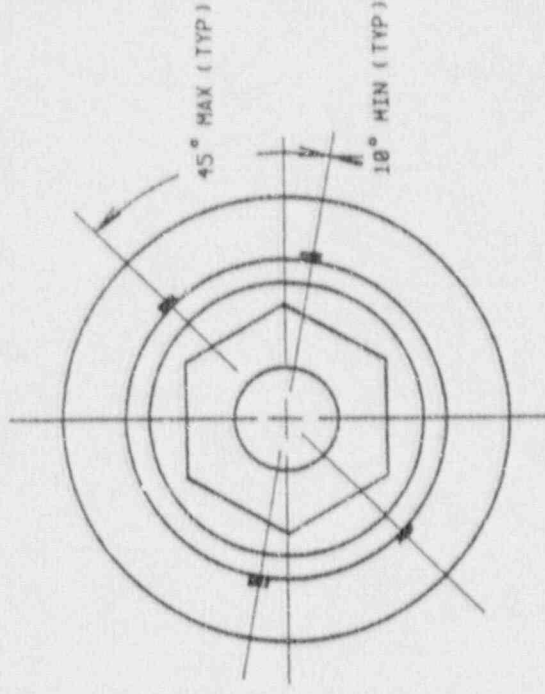
DATE	10/25
REV	0

PROJECT	LIMERICK 1 & 2	TITLE	JET PUMP ASSEMBLY (DETAIL A, B, 1-A)
DESIGNED BY	D L SCHMIDT	DESIGNED BY	R J DILL
DRAWN BY	D L SCHMIDT	SCALE	1/8" = 1"
CHECKED BY	E P BAILEY	DATE	01-6-3

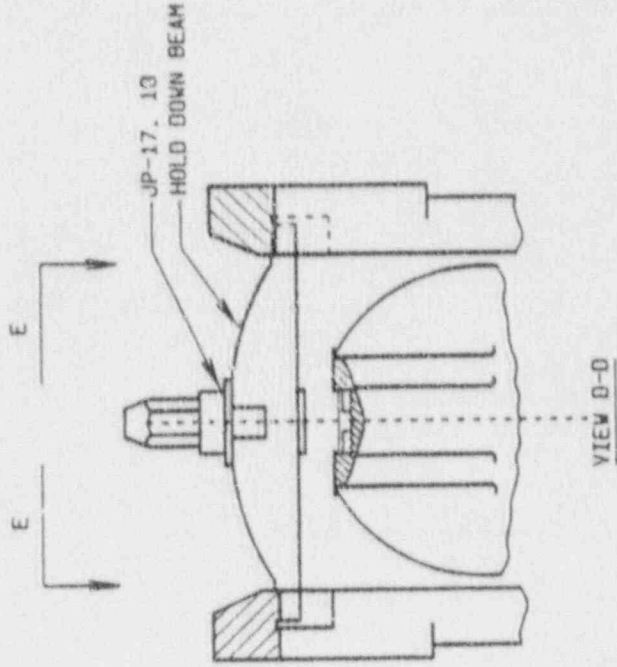
TACK, INSIDE SURFACE OR
OUTSIDE SURFACE OF YOKE.
2 PLACES 180° APART
TYPICAL FOR WELDS JP-19, 20, 21, 22



VIEW B-B



JP-17, 18
WELD 4 PLCS, 2 PAIRS, 180° APART AS SHOWN
VIEW E-E

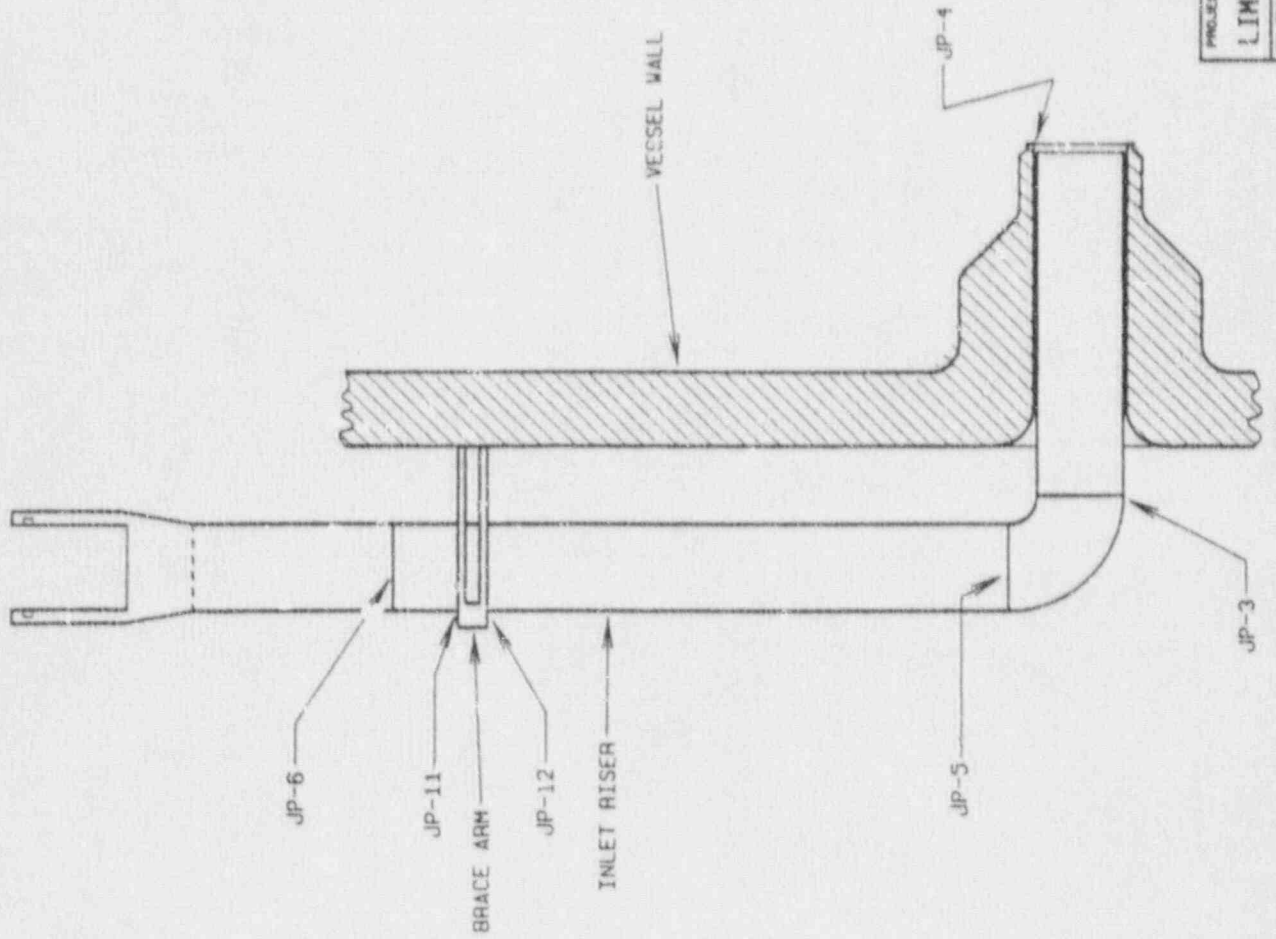


VIEW D-D

DATE	NO/88
REV	8

NUCLEAR FIELD TECHNICAL SERVICES

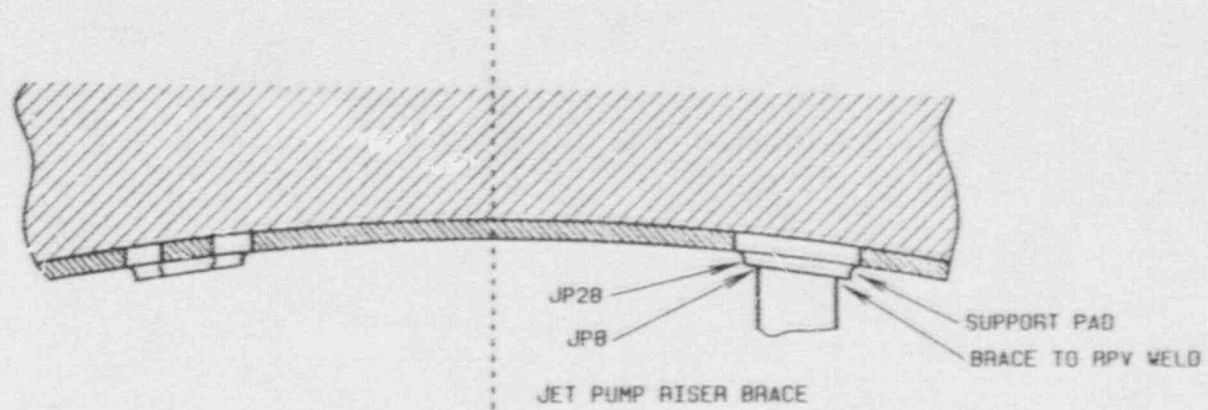
PROJECT	TITLE	DATE
LIMERICK 1 & 2	JET PUMP ASSEMBLY (DETAIL B-B, D-D, C-E)	11/88
DESIGNED BY	DRAWN BY	SCALE
E P BAILEY	R J BULL	1:1
W F MILLER	DLS	84-25-87
		BN-4-4



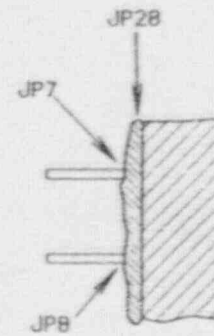
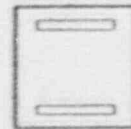
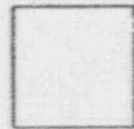
PROJECT	TITLE	DESIGNED BY	DRAWN BY	FIGURE NO.
LIMERICK 1 & 2	JET PUMP ASSEMBLY (MIXER DETAIL)	D. L. SCHMIDT	F. P. BALLEW	011
REV	BY	DATE	APPROVED	

DATE	REV
10/25	8

(302" RPV ELEV)



PAD (TYP. OF 20)

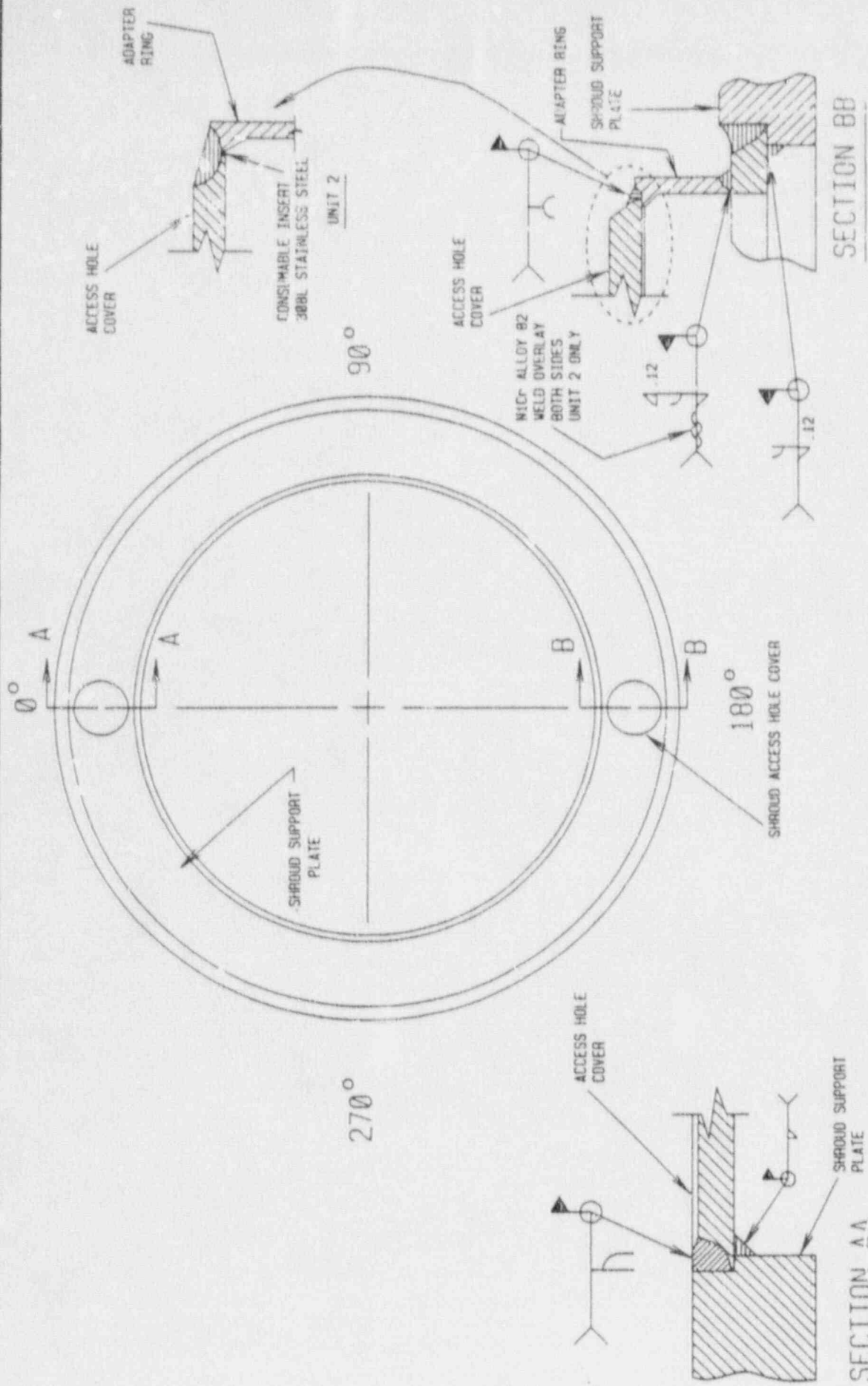


N2 NOZZLE

DATE	10/88
REV	0

NUCLEAR FIELD TECHNICAL SERVICES

PROJECT		TITLE		
LIMERICK 1 & 2		JET PUMP RISER SUPPORT PAD (302" RPV ELEV.)		
DESIGN PROJ. REV	DESIGN TECH. REV	FIELD APP'VAL	DRAWN BY	FIGURE NO
E P BAILEY	W F MILLER	D L SCHMIDT DLS	R J OILL 04-24-87	BN-4-6



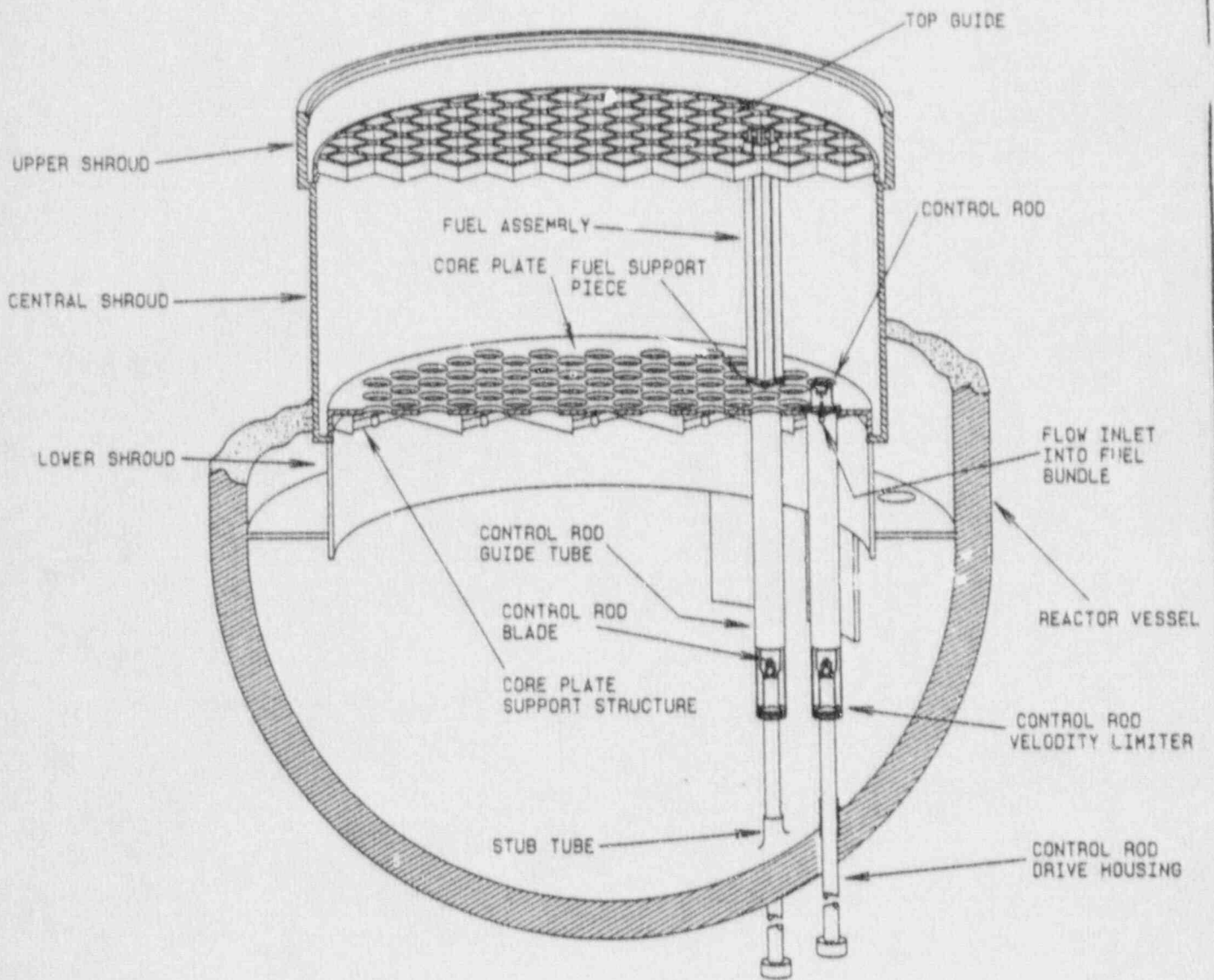
SECTION BB

SECTION AA

PROJECT	TITLE	PREC'D APPL	DRAWN BY	COURSE NO
LIMERICK 182	SHROUD ACCESS HOLE COVER	D. L. SCHMIDT	D. J. DILL	ENL-4-7
REV PROJ ENR	REV TECH ENR	REV	REV	REV
E. P. BAILEY	W. F. MILLER			

REF DWG:
 137C797
 11202825
 16689681
 REF DOC:
 22411
 FBI 131-73038-1 (UNIT 2 ONLY)

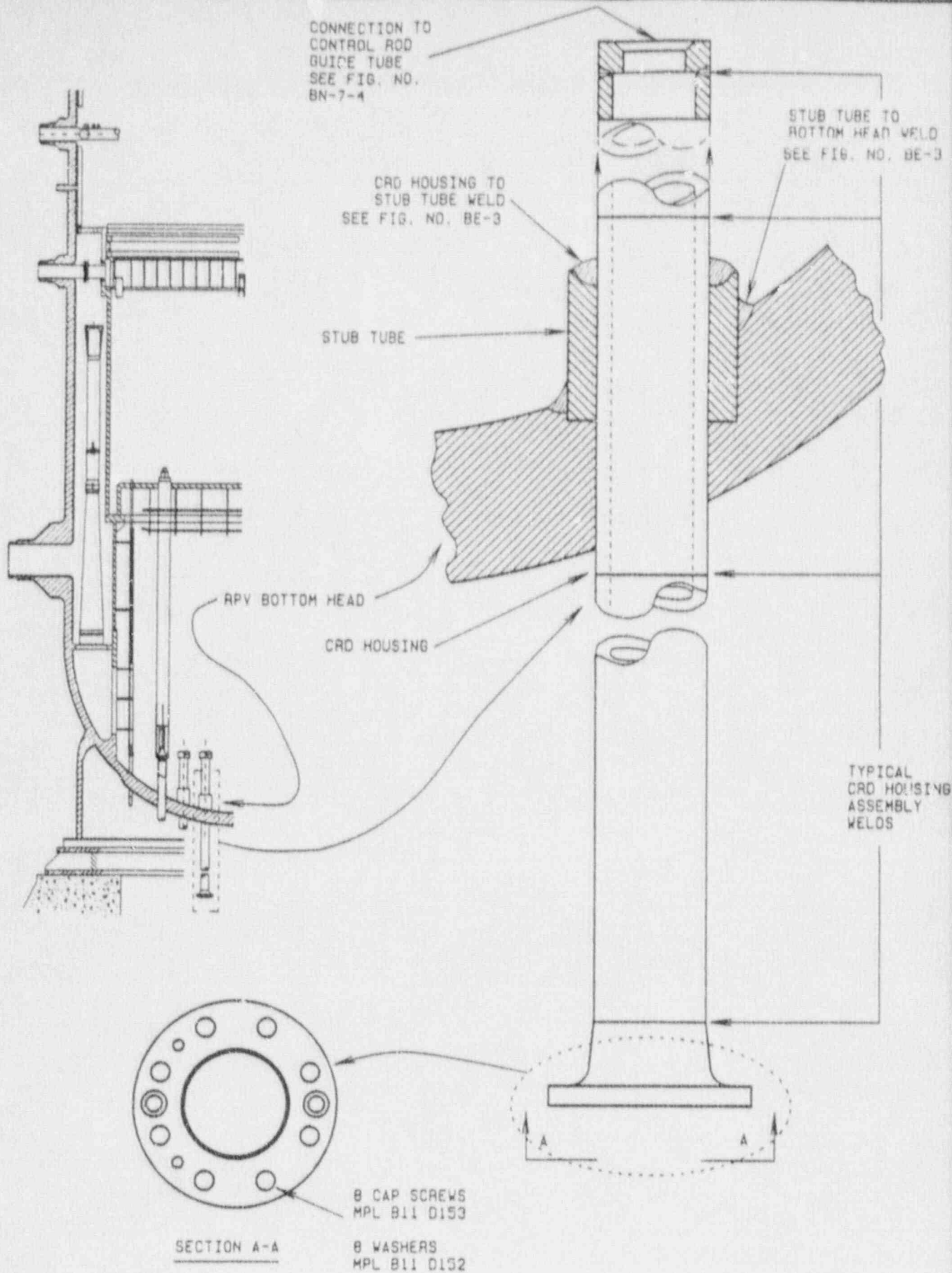
DATE	10/88
REV	8



DATE	10/88
REV	8

NUCLEAR FIELD TECHNICAL SERVICES

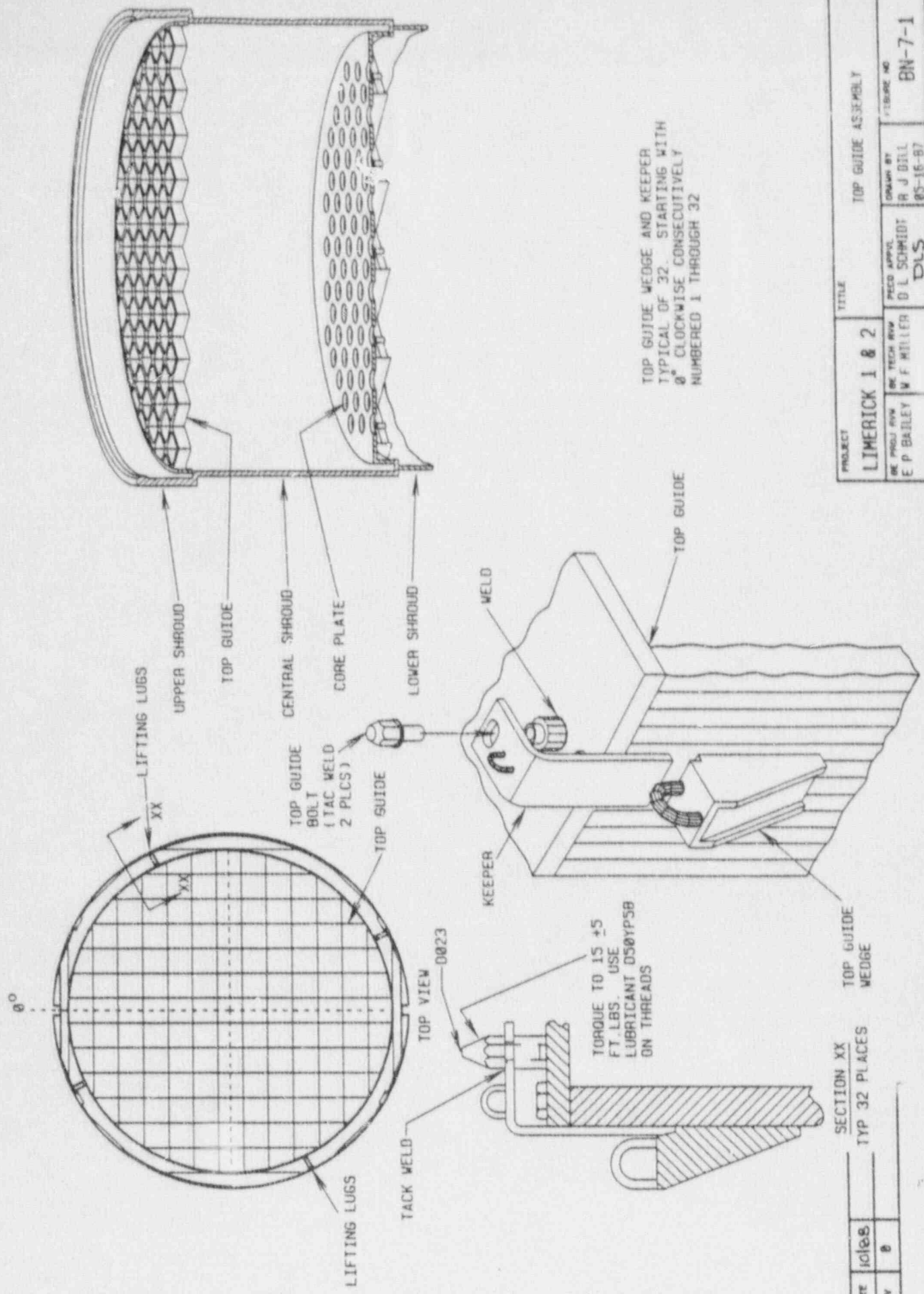
PROJECT		TITLE		
LIMERICK 1 & 2		CONTROL ROD ASSEMBLY		
DE PROJ RYV	DE TECH RYV	PCD APPR	DRAWN BY	FIGURE NO
E P BAILEY	W F MILLER	D L SCHMIDT	R J DILL 85-05-87	BN-6-1



DATE	10/28
REV	B

NUCLEAR FIELD TECHNICAL SERVICES

PROJECT		TITLE	
LIMERICK 1 & 2		CRD HOUSING	
SE PROJ RVV	SE TECH RVV	PECD APPL	DRAWN BY
E P BAILEY	W F MILLER	D L SCHWIDT	R J DILL
		DLS	84-22-87
FIGURE NO			BN-6-2

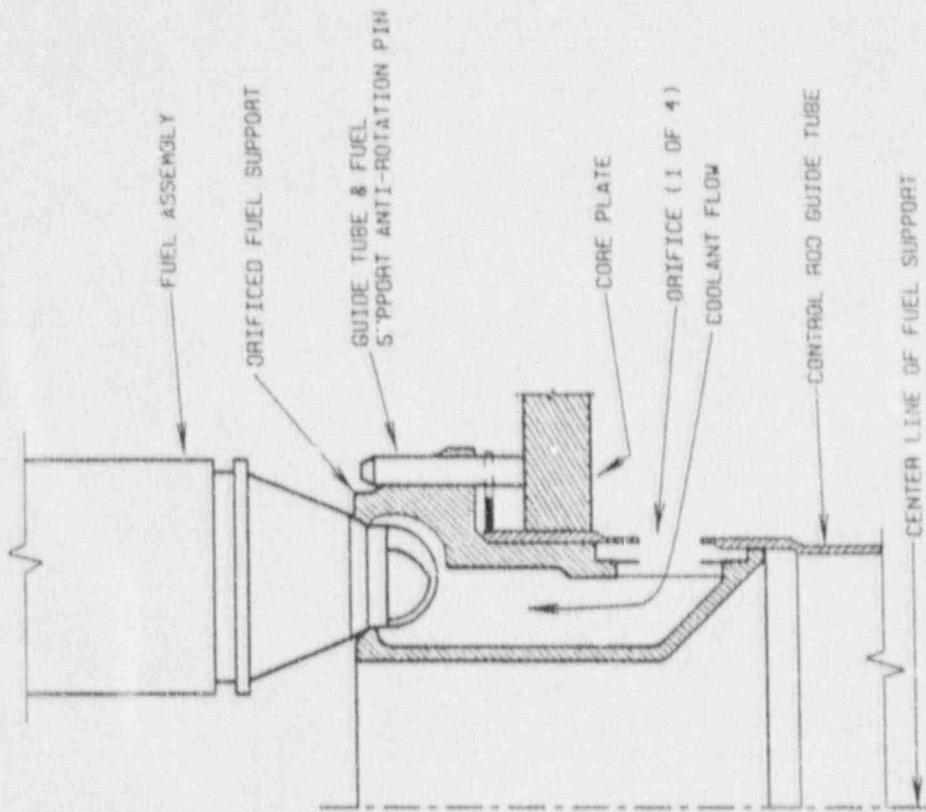
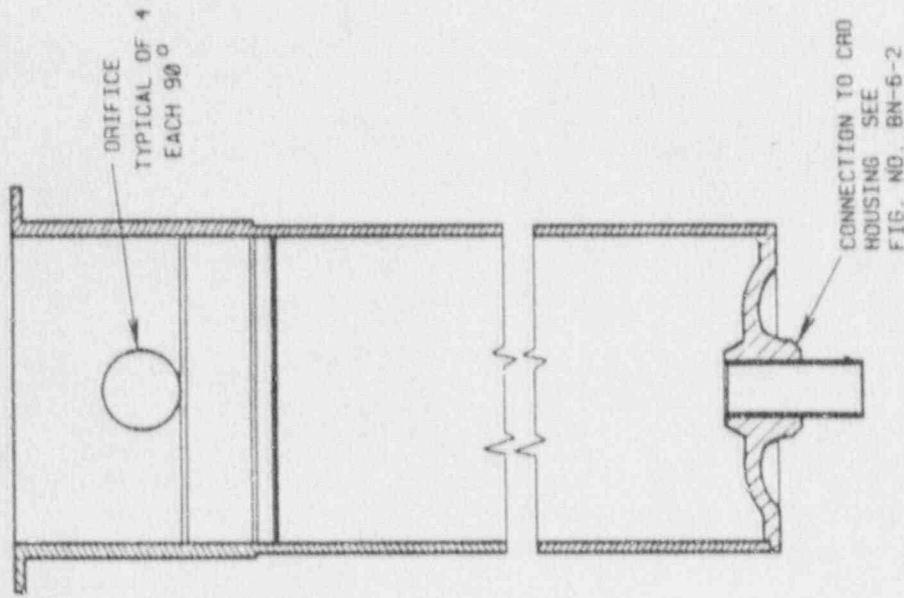


TOP GUIDE WEDGE AND KEEPER
 TYPICAL OF 32. STARTING WITH
 0° CLOCKWISE CONSECUTIVELY
 NUMBERED 1 THROUGH 32

PROJECT		TITLE		TOP GUIDE ASSEMBLY	
LIMERICK 1 & 2		DESIGNED BY		R J BELL	
E P BAILEY		CHECKED BY		D L SCHMIDT	
W F MILLER		DLS		05-16-87	
				FIGURE NO	
				BN-7-1	

SECTION XX
 TYP 32 PLACES

DATE	10/15/85
REV	0



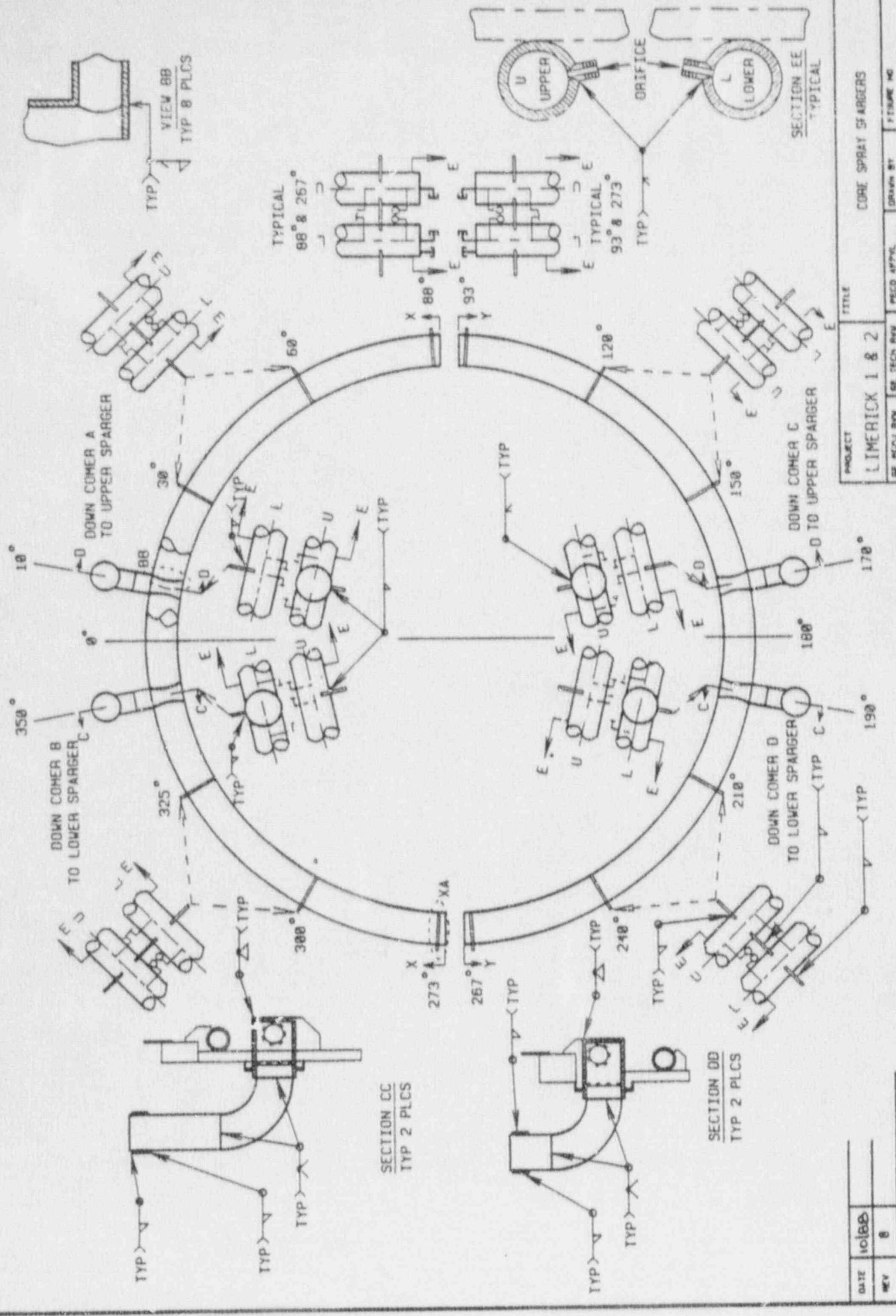
FUEL SUPPORT CASTING

ORIFICED FUEL SUPPORT
(ONE ORIFICE SHOWN - TYPICAL 185)

PROJECT	TITLE	ORIFICED FUEL SUPPORT
LIMERICK 1 & 2		
DESIGN BY E P BAILEY	PRECED APPR. D L SCHMIDT	DRAWN BY R J BELL
REV M F MILLER		F. DATE NO
		BN-7-4

REF DWG:
9200821
10505130
117C3282

DATE	10/28
REV	8

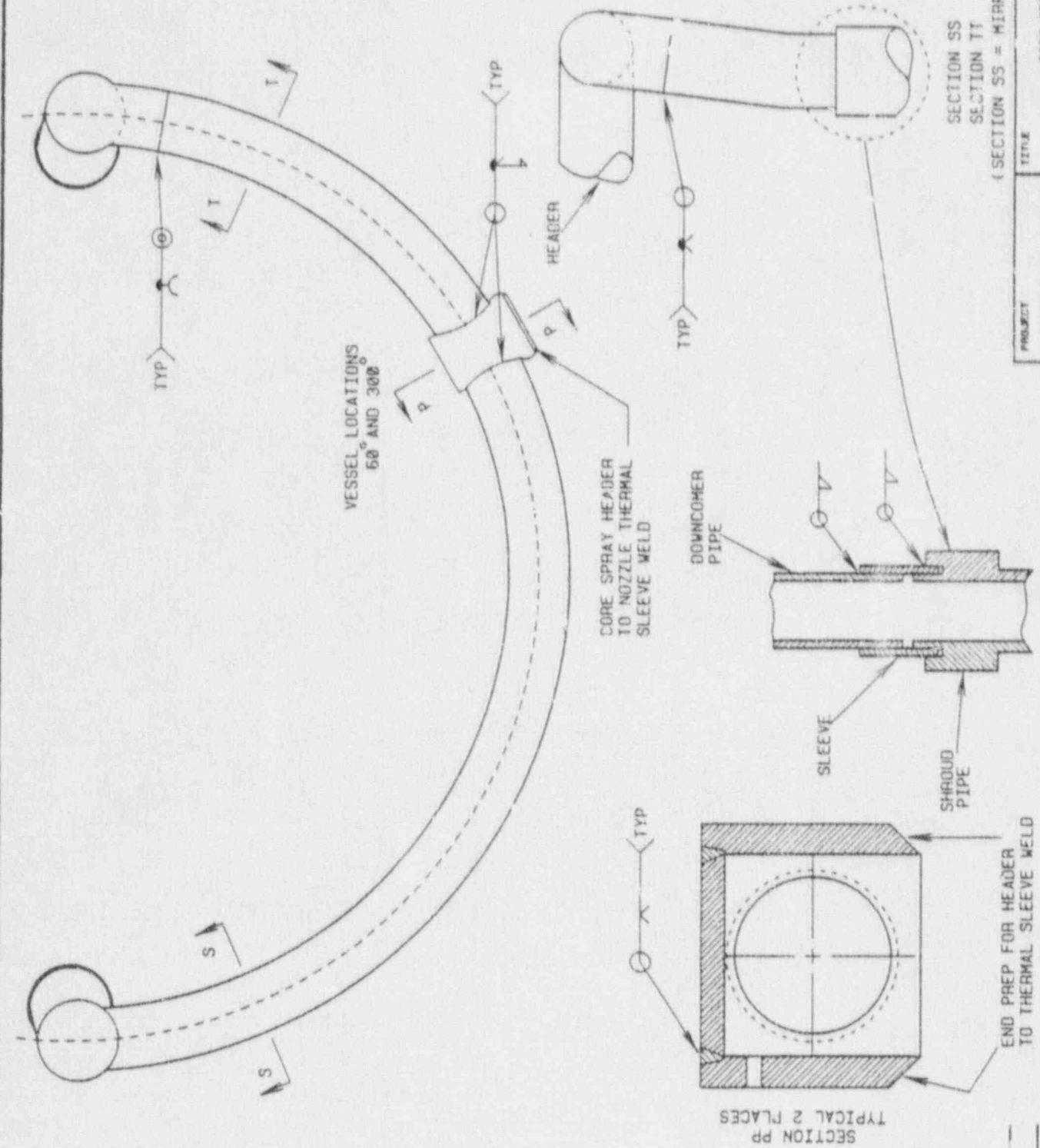


PROJECT		TITLE		CORE SPRAY SPARGERS	
LIMERICK 1 & 2		D L SCHMIDT		DRAWN BY R J DILL	
E P BAILEY		W F MILLER		DESIGNED BY DLS	
REV		REV		REV	
85-87-87		85-87-87		85-87-87	

REF. DWG.: 731E779

DATE	10/88
REV	8

NUCLEAR FIELD TECHNICAL SERVICES



SECTION SS
SECTION TT
(SECTION SS = MIRROR IMAGE)

PROJECT
LIMERICK 1 & 2

DESIGNER
E. P. BAILEY

DRIVER
W. F. MILLER

TECH. REV.
D. L. SCHMIDT

APPROVAL
D. L. SCHMIDT

DATE
8

REV
8

TITLE
CORE SPRAY HEALERS

FIGURE NO.
1

DATE
8

REV
8

TITLE
BOTTOM CONNECTION

FIGURE NO.
1

DATE
8

REV
8

TITLE
DETAIL 1

FIGURE NO.
1

DATE
8

REV
8

TITLE
SECTION PP

FIGURE NO.
1

DATE
8

REV
8

TITLE
SECTION TT

FIGURE NO.
1

DATE
8

REV
8

TITLE
SECTION SS

FIGURE NO.
1

DATE
8

REV
8

TITLE
SECTION SS = MIRROR IMAGE

FIGURE NO.
1

DATE
8

REV
8

TITLE
END PREP FOR HEADER TO THERMAL SLEEVE WELD

FIGURE NO.
1

DATE
8

REV
8

TITLE
DOWNCOMER PIPE

FIGURE NO.
1

DATE
8

REV
8

TITLE
SLEEVE

FIGURE NO.
1

DATE
8

REV
8

TITLE
SHROUD PIPE

FIGURE NO.
1

DATE
8

REV
8

TITLE
HEADER

FIGURE NO.
1

DATE
8

REV
8

TITLE
CORE SPRAY HEALERS

FIGURE NO.
1

DATE
8

REV
8

TITLE
VESSEL LOCATIONS 58 AND 300

FIGURE NO.
1

DATE
8

REV
8

TITLE
CORE SPRAY HEADER TO NOZZLE THERMAL SLEEVE WELD

FIGURE NO.
1

DATE
8

REV
8

TITLE
END PREP FOR HEADER TO THERMAL SLEEVE WELD

FIGURE NO.
1

DATE
8

REV
8

TITLE
DOWNCOMER PIPE

FIGURE NO.
1

DATE
8

REV
8

TITLE
SLEEVE

FIGURE NO.
1

DATE
8

REV
8

TITLE
SHROUD PIPE

FIGURE NO.
1

DATE
8

REV
8

TITLE
HEADER

FIGURE NO.
1

DATE
8

REV
8

TITLE
CORE SPRAY HEALERS

FIGURE NO.
1

DATE
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REV
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TITLE
VESSEL LOCATIONS 58 AND 300

FIGURE NO.
1

DATE
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REV
8

TITLE
CORE SPRAY HEADER TO NOZZLE THERMAL SLEEVE WELD

FIGURE NO.
1

DATE
8

REV
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TITLE
END PREP FOR HEADER TO THERMAL SLEEVE WELD

FIGURE NO.
1

DATE
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REV
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TITLE
DOWNCOMER PIPE

FIGURE NO.
1

DATE
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REV
8

TITLE
SLEEVE

FIGURE NO.
1

DATE
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REV
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TITLE
SHROUD PIPE

FIGURE NO.
1

DATE
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REV
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TITLE
HEADER

FIGURE NO.
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REV
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TITLE
CORE SPRAY HEALERS

FIGURE NO.
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REV
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TITLE
VESSEL LOCATIONS 58 AND 300

FIGURE NO.
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DATE
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REV
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TITLE
CORE SPRAY HEADER TO NOZZLE THERMAL SLEEVE WELD

FIGURE NO.
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REV
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TITLE
END PREP FOR HEADER TO THERMAL SLEEVE WELD

FIGURE NO.
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TITLE
DOWNCOMER PIPE

FIGURE NO.
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REV
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TITLE
SLEEVE

FIGURE NO.
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REV
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TITLE
SHROUD PIPE

FIGURE NO.
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TITLE
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FIGURE NO.
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TITLE
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FIGURE NO.
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TITLE
VESSEL LOCATIONS 58 AND 300

FIGURE NO.
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TITLE
CORE SPRAY HEADER TO NOZZLE THERMAL SLEEVE WELD

FIGURE NO.
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TITLE
END PREP FOR HEADER TO THERMAL SLEEVE WELD

FIGURE NO.
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TITLE
DOWNCOMER PIPE

FIGURE NO.
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TITLE
SLEEVE

FIGURE NO.
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TITLE
SHROUD PIPE

FIGURE NO.
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TITLE
HEADER

FIGURE NO.
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REV
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TITLE
CORE SPRAY HEALERS

FIGURE NO.
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TITLE
VESSEL LOCATIONS 58 AND 300

FIGURE NO.
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DATE
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REV
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TITLE
CORE SPRAY HEADER TO NOZZLE THERMAL SLEEVE WELD

FIGURE NO.
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DATE
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REV
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TITLE
END PREP FOR HEADER TO THERMAL SLEEVE WELD

FIGURE NO.
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REV
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TITLE
DOWNCOMER PIPE

FIGURE NO.
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REV
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TITLE
SLEEVE

FIGURE NO.
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REV
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TITLE
SHROUD PIPE

FIGURE NO.
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REV
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TITLE
HEADER

FIGURE NO.
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REV
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TITLE
CORE SPRAY HEALERS

FIGURE NO.
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REV
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TITLE
VESSEL LOCATIONS 58 AND 300

FIGURE NO.
1

DATE
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REV
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TITLE
CORE SPRAY HEADER TO NOZZLE THERMAL SLEEVE WELD

FIGURE NO.
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DATE
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REV
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TITLE
END PREP FOR HEADER TO THERMAL SLEEVE WELD

FIGURE NO.
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REV
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TITLE
DOWNCOMER PIPE

FIGURE NO.
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DATE
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REV
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TITLE
SLEEVE

FIGURE NO.
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REV
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TITLE
SHROUD PIPE

FIGURE NO.
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REV
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TITLE
HEADER

FIGURE NO.
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REV
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TITLE
CORE SPRAY HEALERS

FIGURE NO.
1

DATE
8

REV
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TITLE
VESSEL LOCATIONS 58 AND 300

FIGURE NO.
1

DATE
8

REV
8

TITLE
CORE SPRAY HEADER TO NOZZLE THERMAL SLEEVE WELD

FIGURE NO.
1

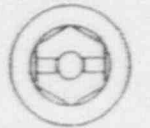
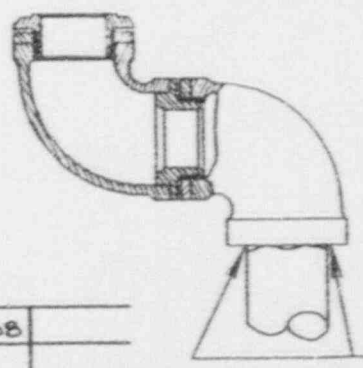
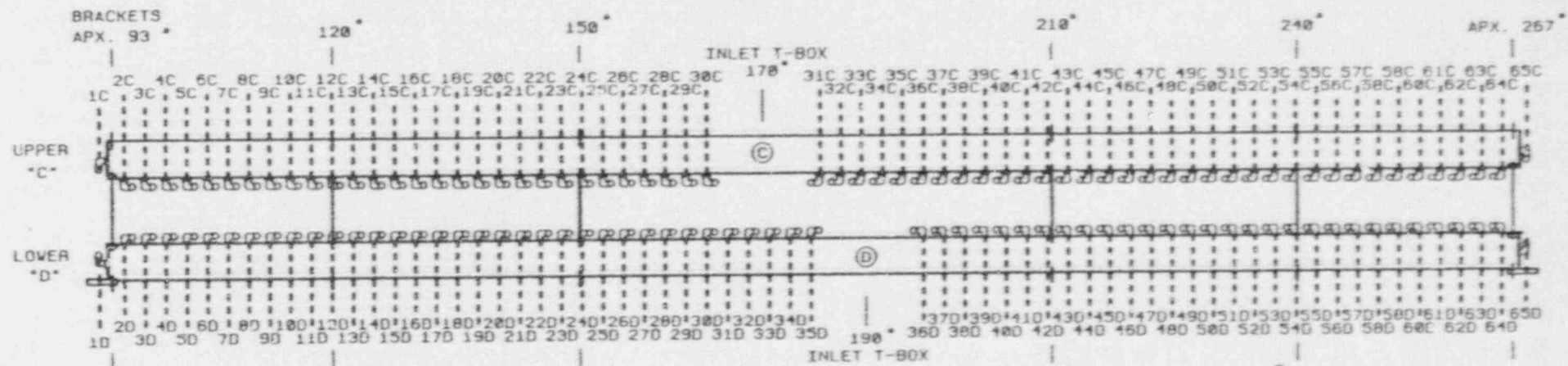
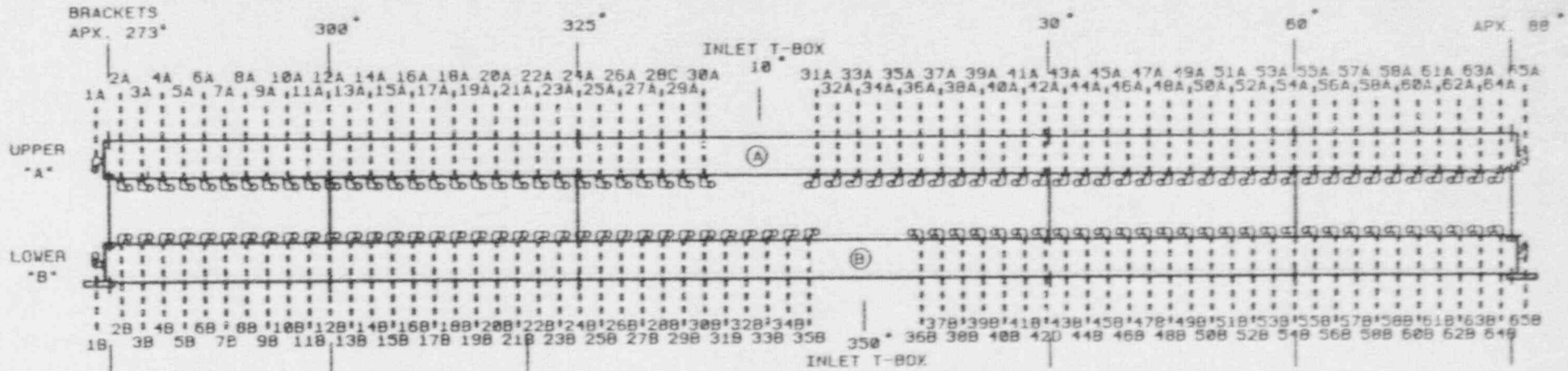
DATE
8

REV
8

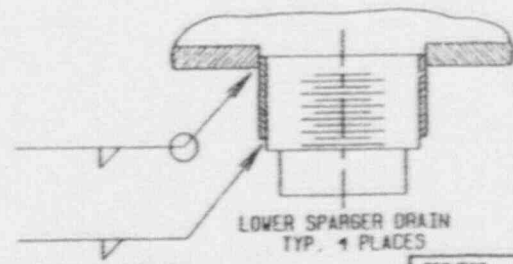
TITLE
END PREP FOR HEADER TO THERMAL SLEEVE WELD

FIGURE NO.
1

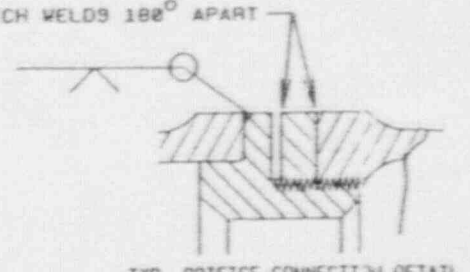
DATE
8



SPRAY NOZZLE
TYP. 65 PLACES



LOWER SPARGER DRAIN
TYP. 4 PLACES



TYP. DRIFTE CONNECTION DETAIL

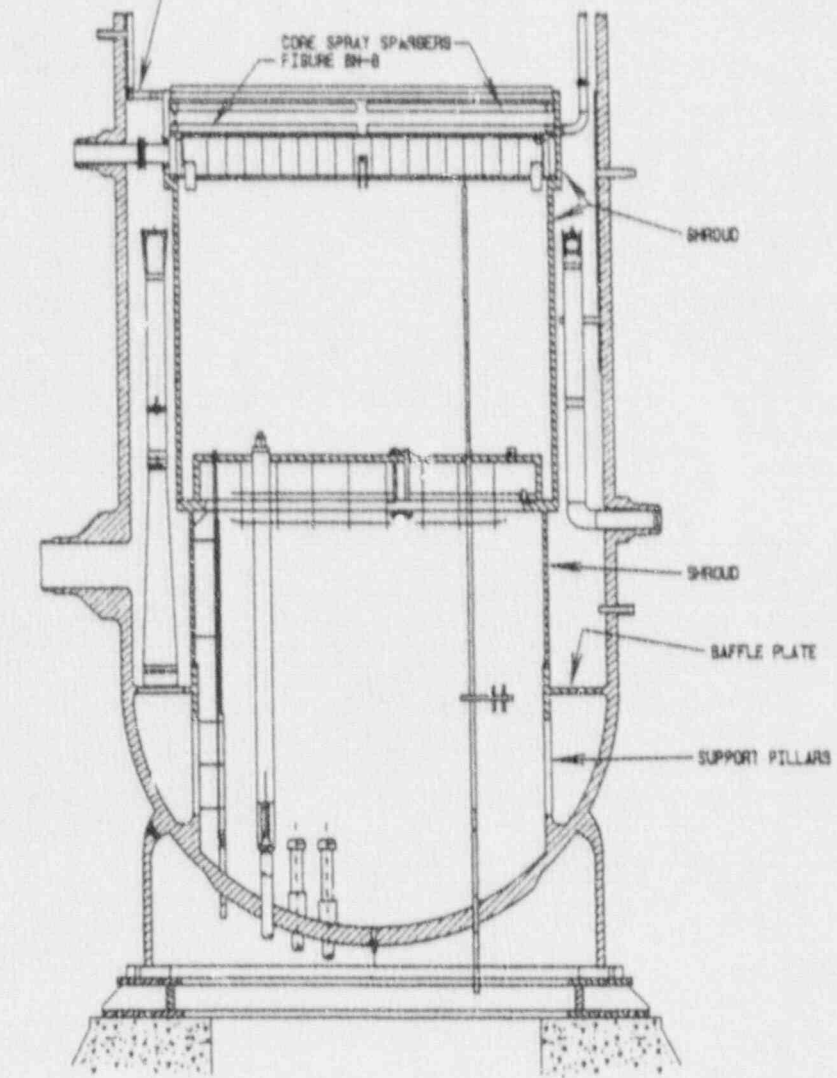
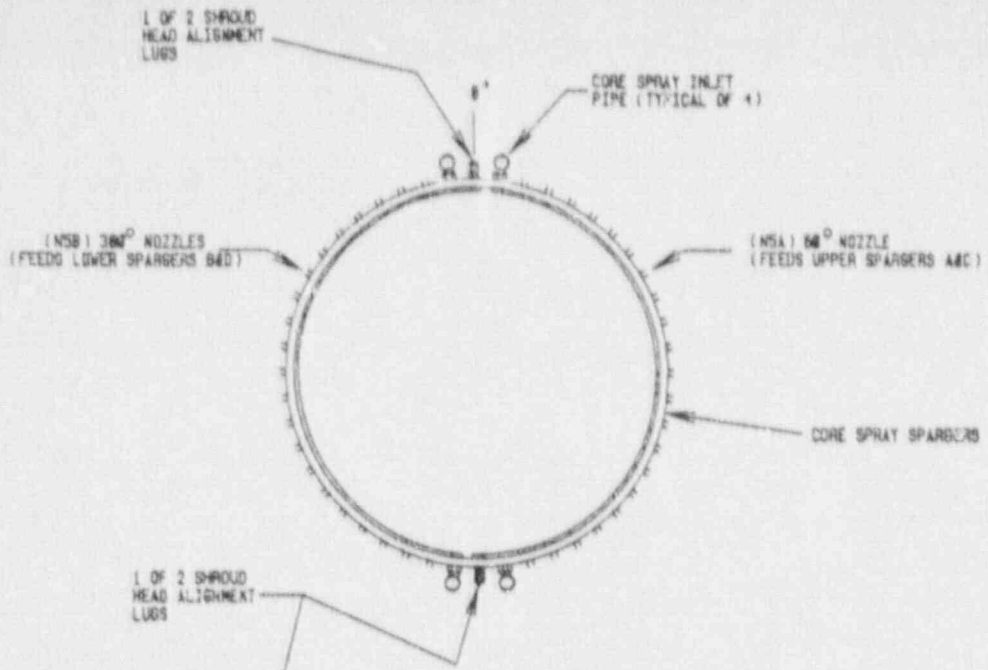
DATE	10/68
REV	8

2 STITCH WELDS
180° APART

2 STITCH WELDS
180° APART

PROJECT		TITLE		
LIMERICK 1 & 2		CORE SPRAY SPARGER DETAIL		
RE PROJ RVW	RE TECH RVW	PREP APPV	DRAWN BY	ISSUE NO
E P BAILEY	W F MILLER	D L SCHMIDT DLS	R J DILL 18-88-67	BN-8-3

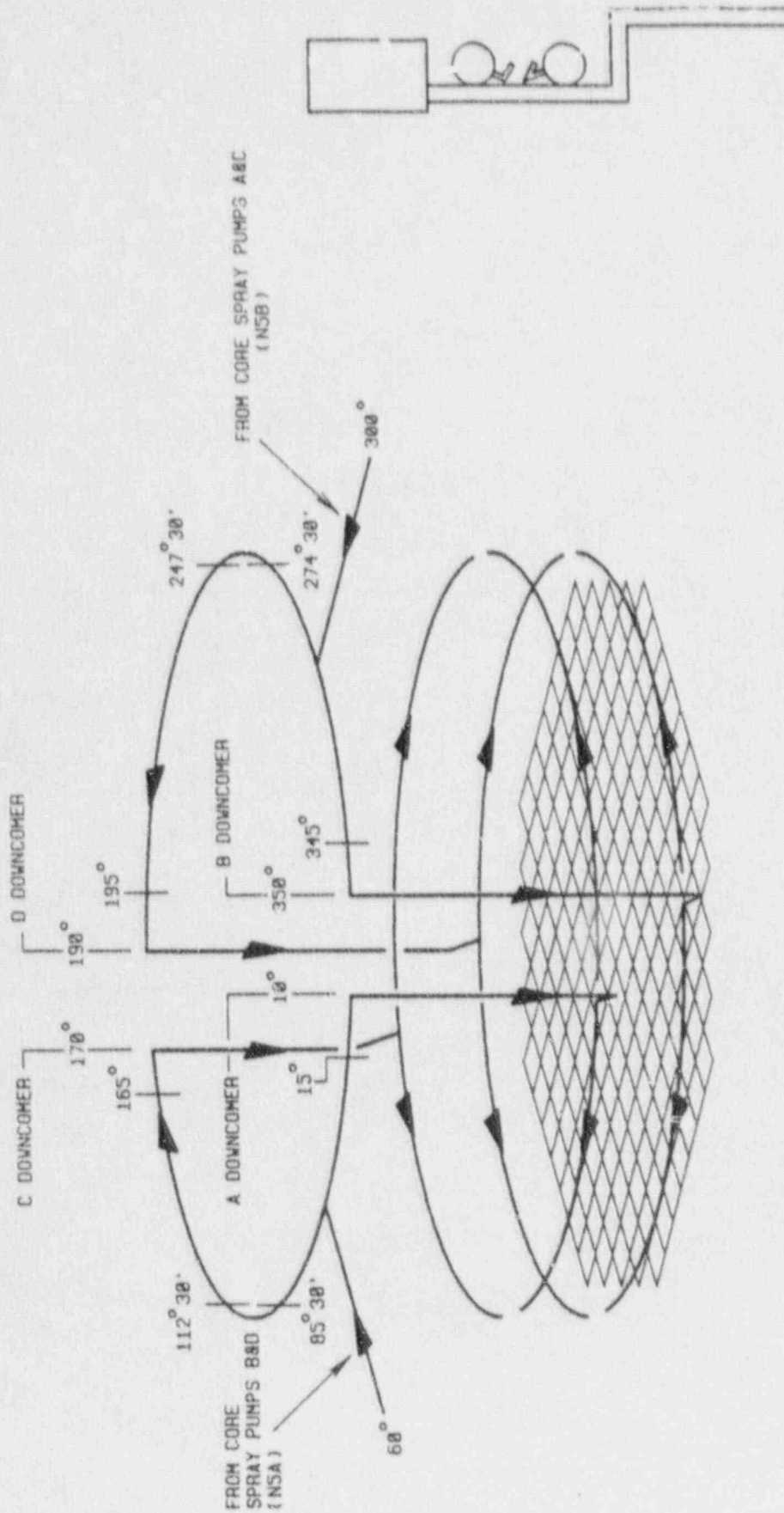
REF. DWG.: 731E779



DATE	10/88
REV	8

NUCLEAR FIELD TECHNICAL SERVICES

PROJECT		TITLE			
LIMERICK 1 & 2		SHROUD AND RELATED COMPONENTS			
DR PROJ RVM	DR TECH RVM	PECO APPL	DRAWN BY	FIGURE NO	
E P BAILEY	W F MILLER	D L SCHMIDT DLS	R J DILL 85-83-87	BN-8-4	



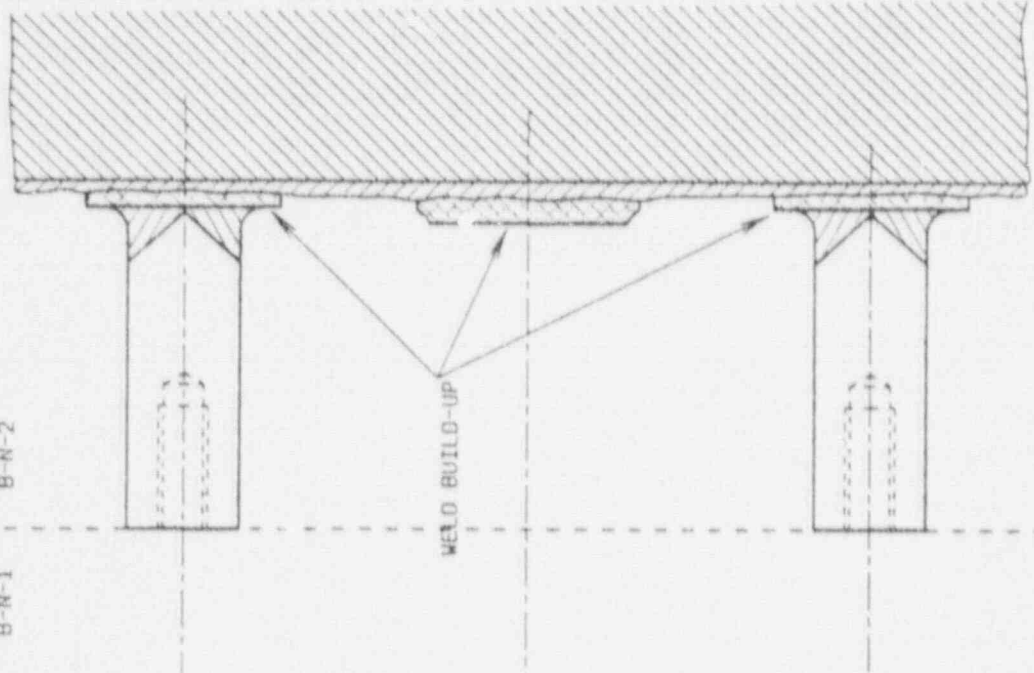
CORE SPRAY HEADER BRACKETS 15°, 165°, 195° & 345°
 CORE SPRAY RADIAL BRACKETS 112° 30' & 247° 30'
 CORE SPRAY VERTICAL BRACKETS 85° 30' & 247° 30'

PROJECT	LIMERICK 1 & 2		TITLE	CORE SPRAY L. V. FLOW PATH	
DESIGNED BY	E. P. BAILEY	CHECKED BY	H. F. MILLER	DESIGNED BY	R. J. DILL
DATE	10/10/66	REV	8	FIGURE NO.	BN-8-5
					85-28-67
				FIGURE NO.	BN-8-5

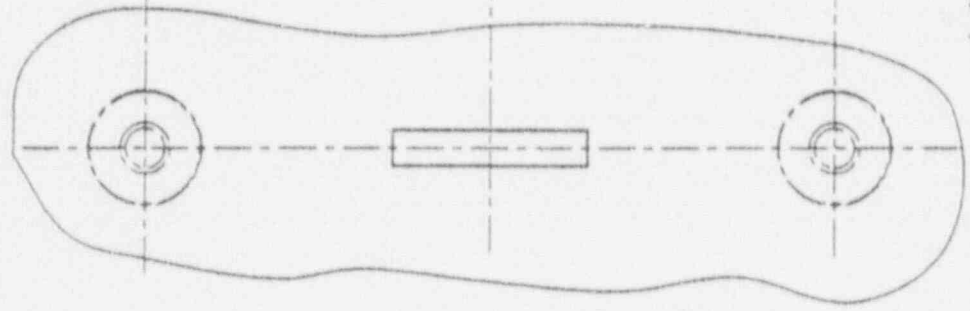
DATE	10/10/66
REV	8

ASME CODE CATEGORY

B-N-1 B-N-2



CORE SPRAY NOZZLE



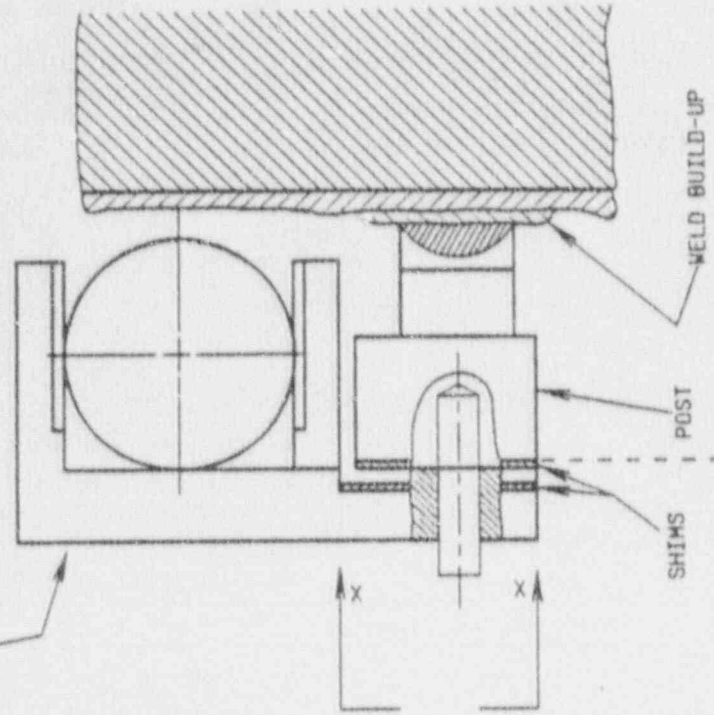
(484-1/2" RPV ELEV)

LOCATION	NSA	A&C SUPPLY HEADER
15° .165°	NSA	A&C SUPPLY HEADER
195° .345°	NSB	B&D SUPPLY HEADER

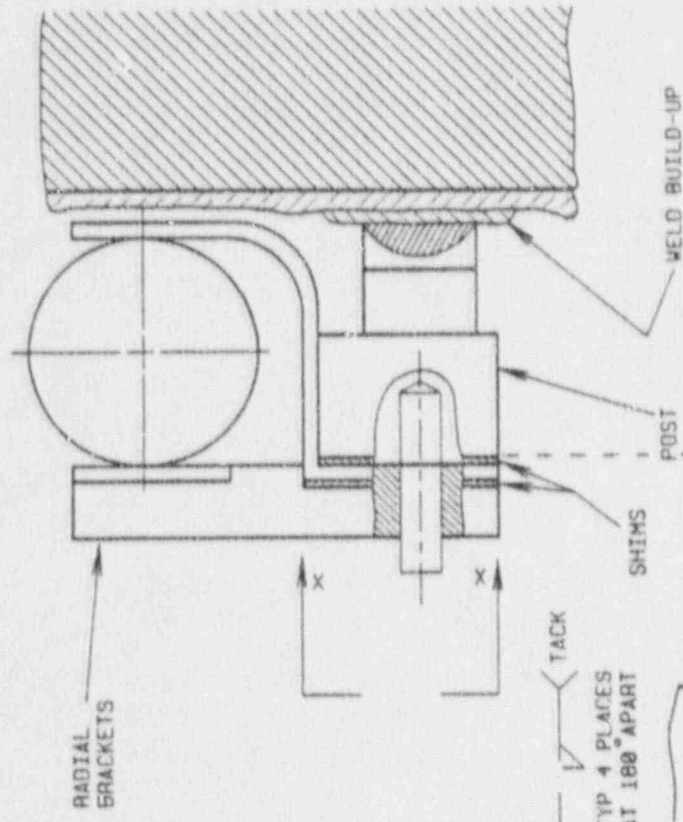
DATE	10/88
REV	0

PROJECT	TITLE
LIMERICK 1 & 2	CORE SPRAY HEATER BRACKET
DESIGNER	DRAWN BY
E. P. BAILEY	D. L. SCHMIDT
DESIGNED BY	FIGURE NO.

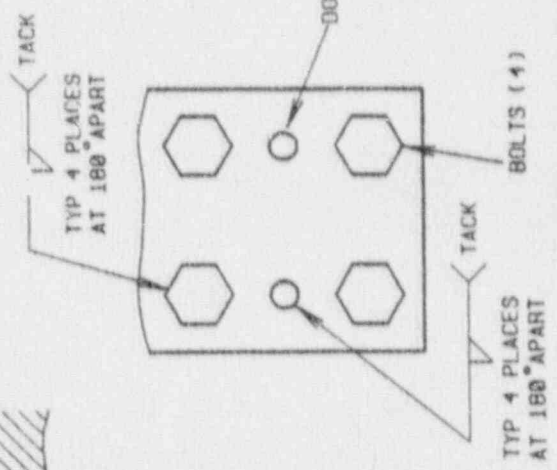
VERTICAL BRACKETS



CORE SPRAY VERTICAL BRACKETS
(AZIMUTHS: 85° 30' AND 274° 38')
(175° RPV ELEV.)



CORE SPRAY RADIAL BRACKETS
(AZIMUTHS: 112° 30' AND 247° 38')
(475° RPV ELEV.)

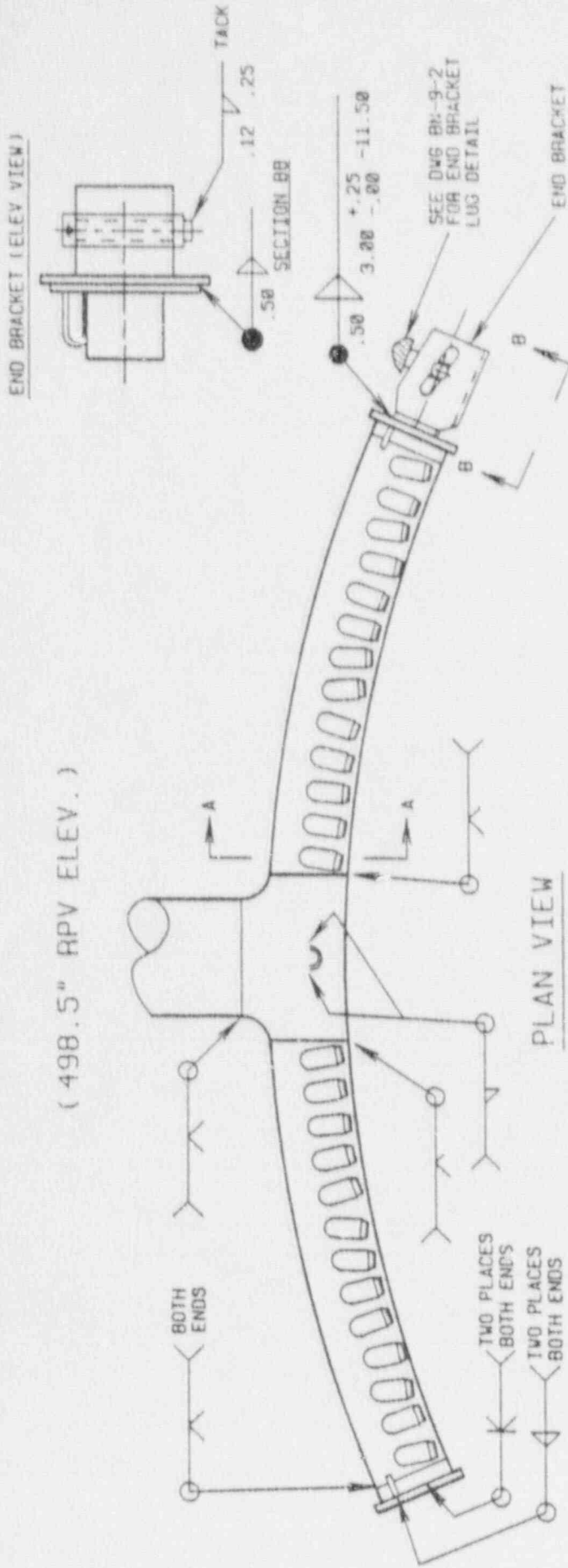


VIEW XX

DATE	10/86
REV	0

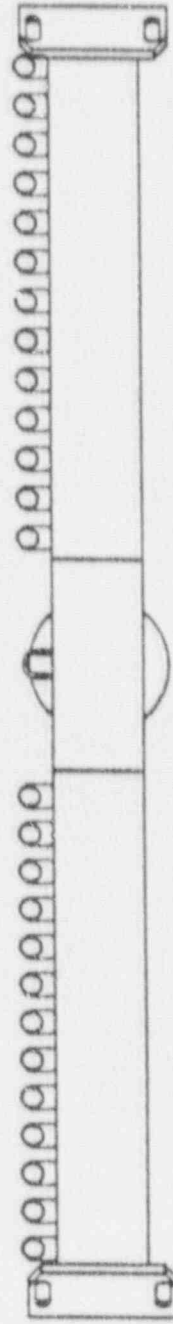
PROJECT	LIMERICK 1 & 2	TITLE	CORE SPRAY HEADER (VERTICAL AND RADIAL BRACKETS)
DESIGNED BY	E P BAILEY	DESIGNED BY	D L SCHMIDT
CHECKED BY	J F MILLER	CHECKED BY	D L SCHMIDT
DRAWN BY	R J PELL	DRAWN BY	R J PELL
SCALE		SCALE	
FIGURE NO		FIGURE NO	BN-8-7

(498.5" RPV ELEV.)



PLAN VIEW

END BRACKET SHOWN ONE END ONLY

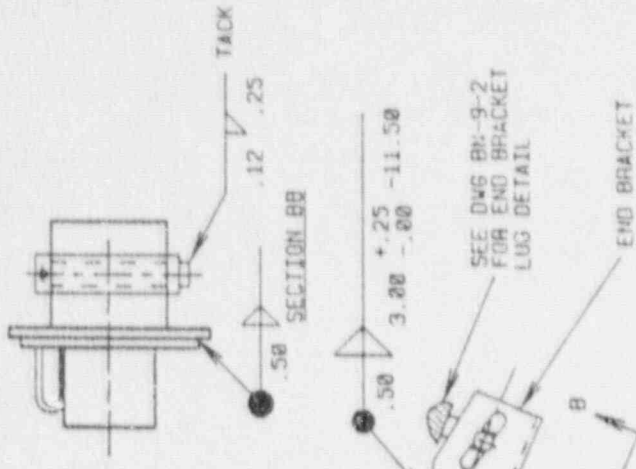


END VIEW

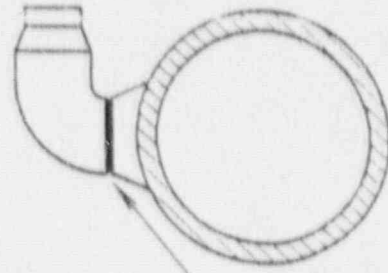
END BRACKETS NOT SHOWN

LOCATION	
NOZZLE	AZIMUTH
N4A	30°
N4B	90°
N4C	150°
N4D	210°
N4E	270°
N4F	330°

END BRACKET (ELEV VIEW)



END BRACKET

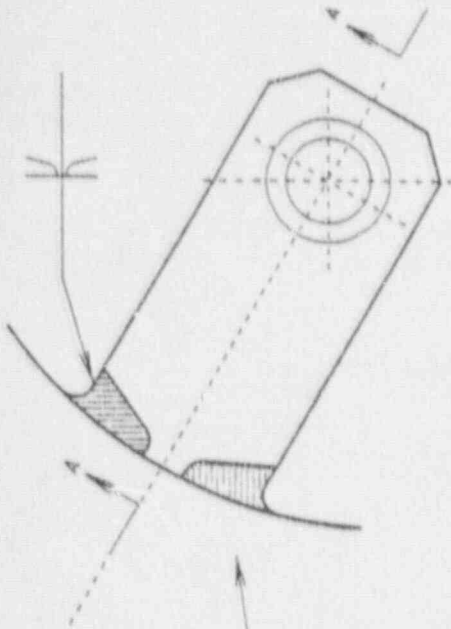


SECTION A-A

DATE	10/10/66
REV	8

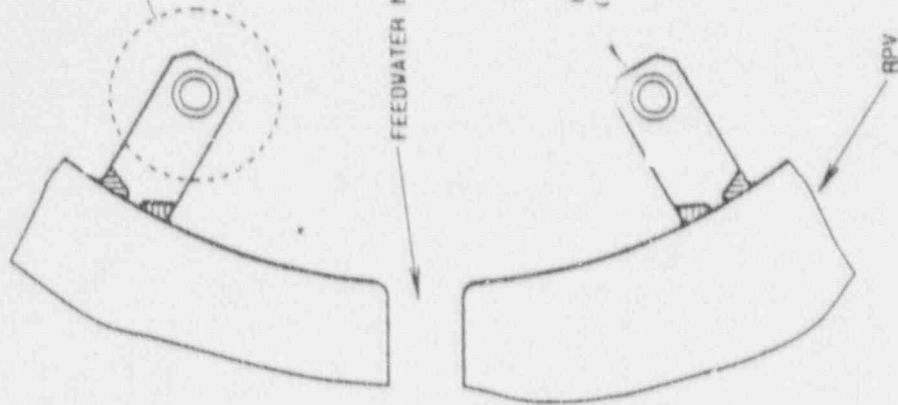
PROJECT	LIMERICK 1 & 2	TITLE	FEEDWATER SPACER
BY	W. P. HUGHES	DESIGNED BY	W. P. HUGHES
CHECKED BY		DATE	10/10/66

(RPV ELEV. 498.5")



BRACKET DETAIL

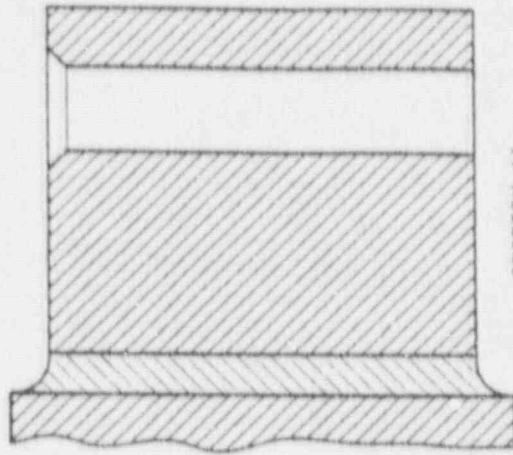
(TYP. 12 PLACES, ONE AT EACH END OF 6 (TOTAL) FEEDWATER SPARGERS)



FEEDWATER NOZZLE

FEEDWATER END BRACKET LUG
(TYP. 2 PLACES)

RPV



SECTION AA

DATE	10/26/86
REV	0

NUCLEAR FIELD TECHNICAL SERVICES

PROJECT
LIMERICK 1 R 2

TITLE
FEEDWATER SPARGER END BRACKET LUGS

DESIGNED BY
R J BELL

DATE
05-87-87

CHECKED BY
L SCHMIDT

APPROVED BY
W F MILLER

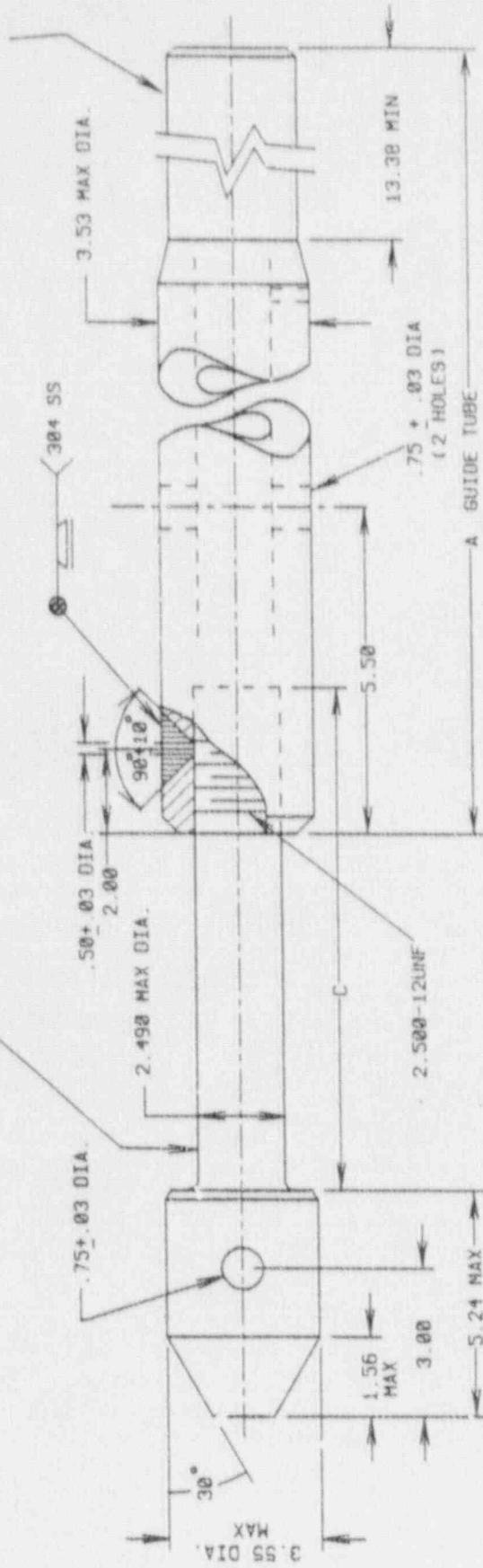
PROJECT NO.
E P BAILEY

SCALE
DLS

PROJECT NO.
BN-9-2

CONNECTION TO
GUIDE ROD BRACKET
SEE FIG. NO. BN-11-2

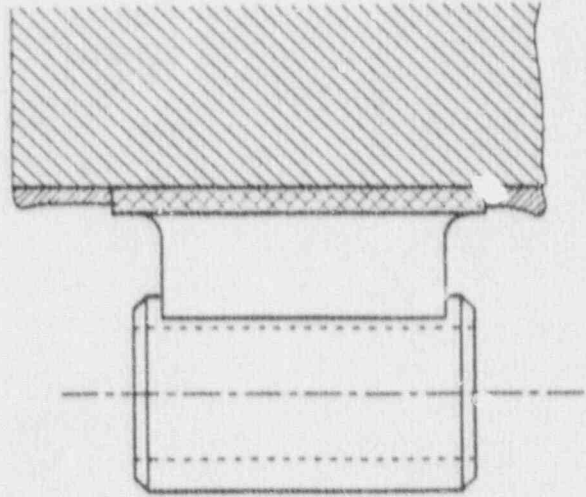
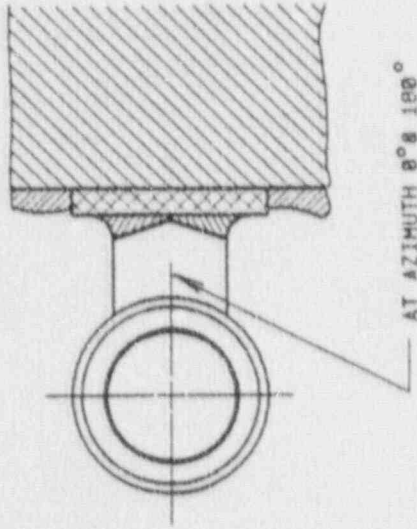
CONNECTION TO
SHROUD HEAD AND
SEPARATOR
SEE FIG. NO. BN-2-1



DATE	10/88
REV	0

PROJECT	TITLE	GUIDE ROD
LIMERICK 1 & 2		
DESIGNED BY	DESIGNED BY	DESIGNED BY
W. F. WILLY	D. J. SCHMIDT	B. J. DILL
CHECKED BY	CHECKED BY	CHECKED BY
DATE	DATE	DATE

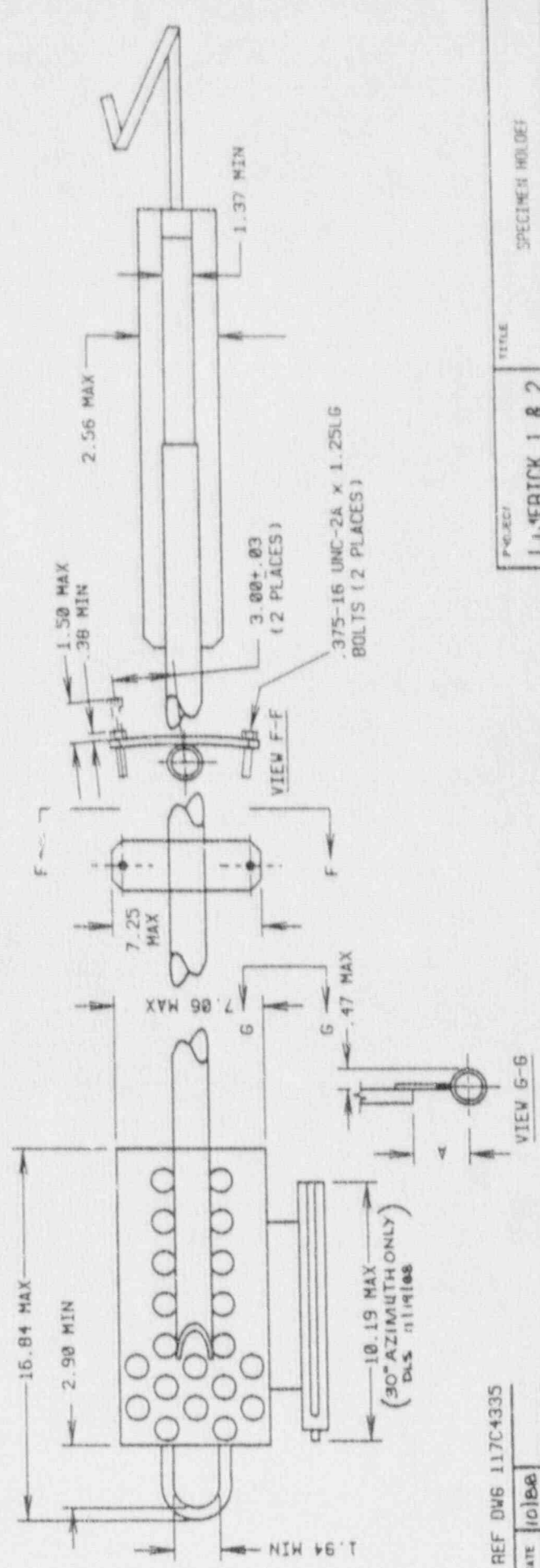
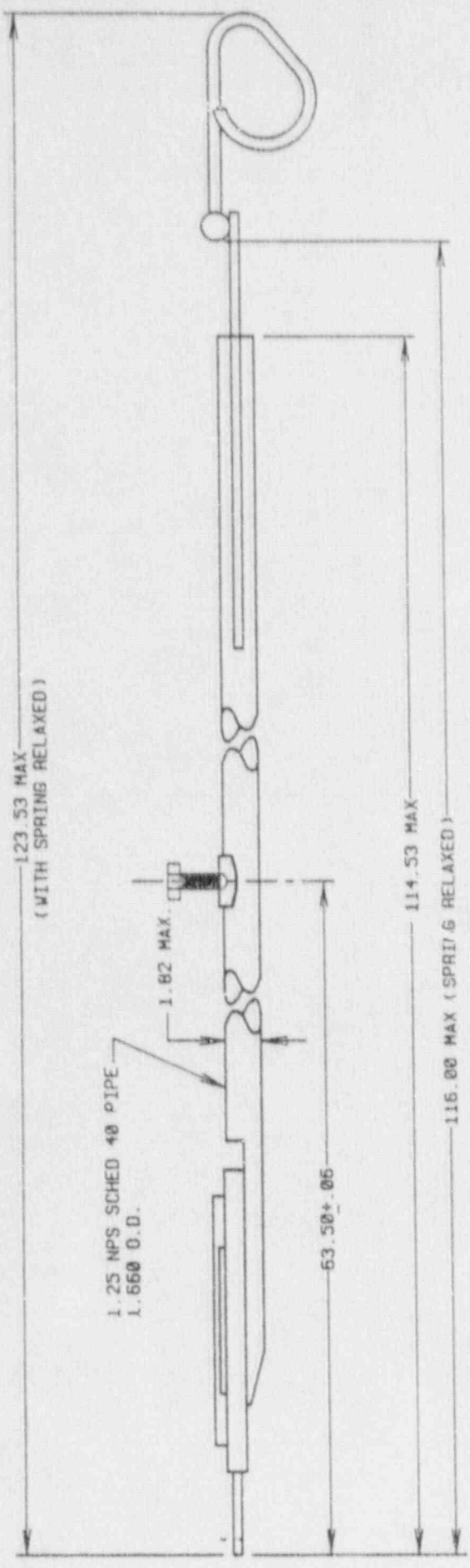
(739° RPV ELEV.)



DATE	10/28/88
REV	0

NUCLEAR FIELD TECHNICAL SERVICES

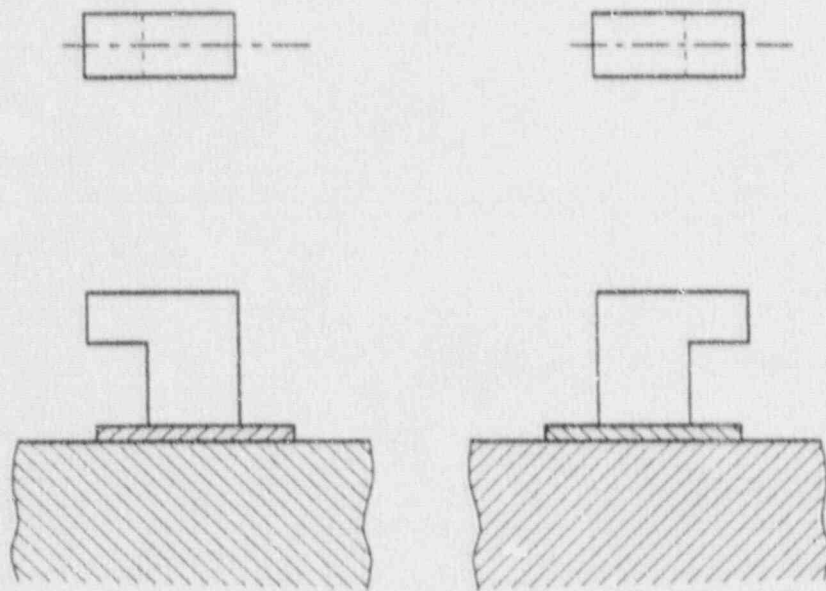
PROJECT	TITLE	DATE	BY
LIMERICK 1 & 2	GUIDE ROD BRACKET		
DESIGNED BY E. P. BAILEY	DESIGNED BY D. L. SCHRIOT	DATE 84-26-87	BY R. J. DILL
REVIEWED BY W. F. MILLER	REVIEWED BY DLS		
			TABLE NO. BN-11-2



REF DWG 117C4335

DATE	10/10/68
REV	8

PROJECT	TITLE	DESIGNED BY	DRAWN BY	DATE
L. L. ERICK 1 & 2	SPECIMEN HOLDER	E. P. BAILEY	R. J. DILL	11/19/68
REVIEWED BY	TECHNICAL REVIEW	DESIGNED BY	DRAWN BY	DATE
E. P. BAILEY	W. F. MILLER	G. L. SCHMIDT	R. J. DILL	11/19/68

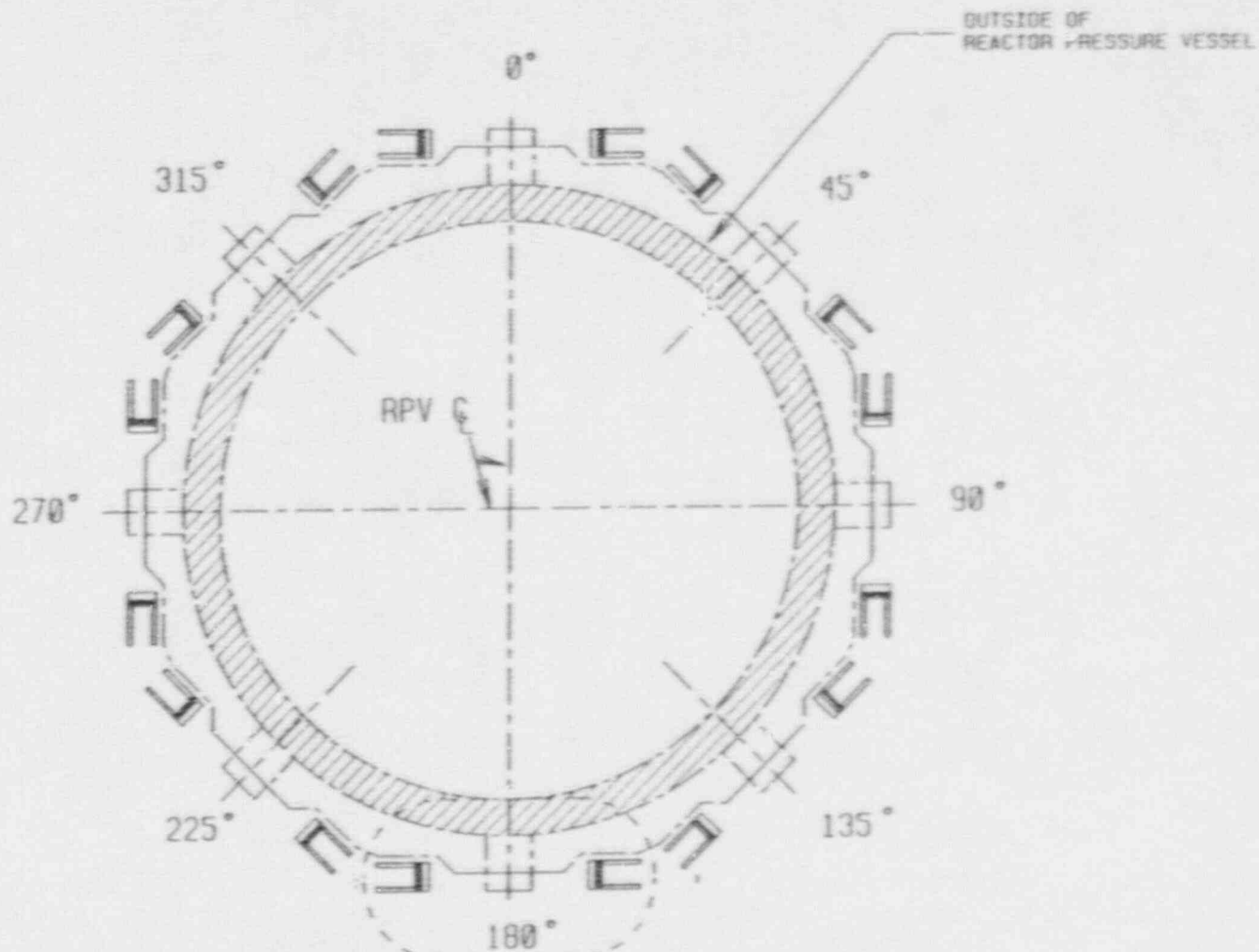


TYPICAL THREE PLACES
 30° , 120° , AND 300° AZIMUTHS)
 (281° AND 396° RPV ELEV.)

DATE	10/88
REV	0

NUCLEAR FIELD TECHNICAL SERVICES

PROJECT	TITLE		SURVEILLANCE SPECIMEN BRACKETS	
LIMERICK 1 & 2	DE PROJ R/W	DE TECH R/W	REC'D APPR	DRAWN BY
E P BAILEY	W F MILLER	D L SCHMIDT	DLS	R J DILL
				84-25-87
				SCALE: N/A
				BN-12-2

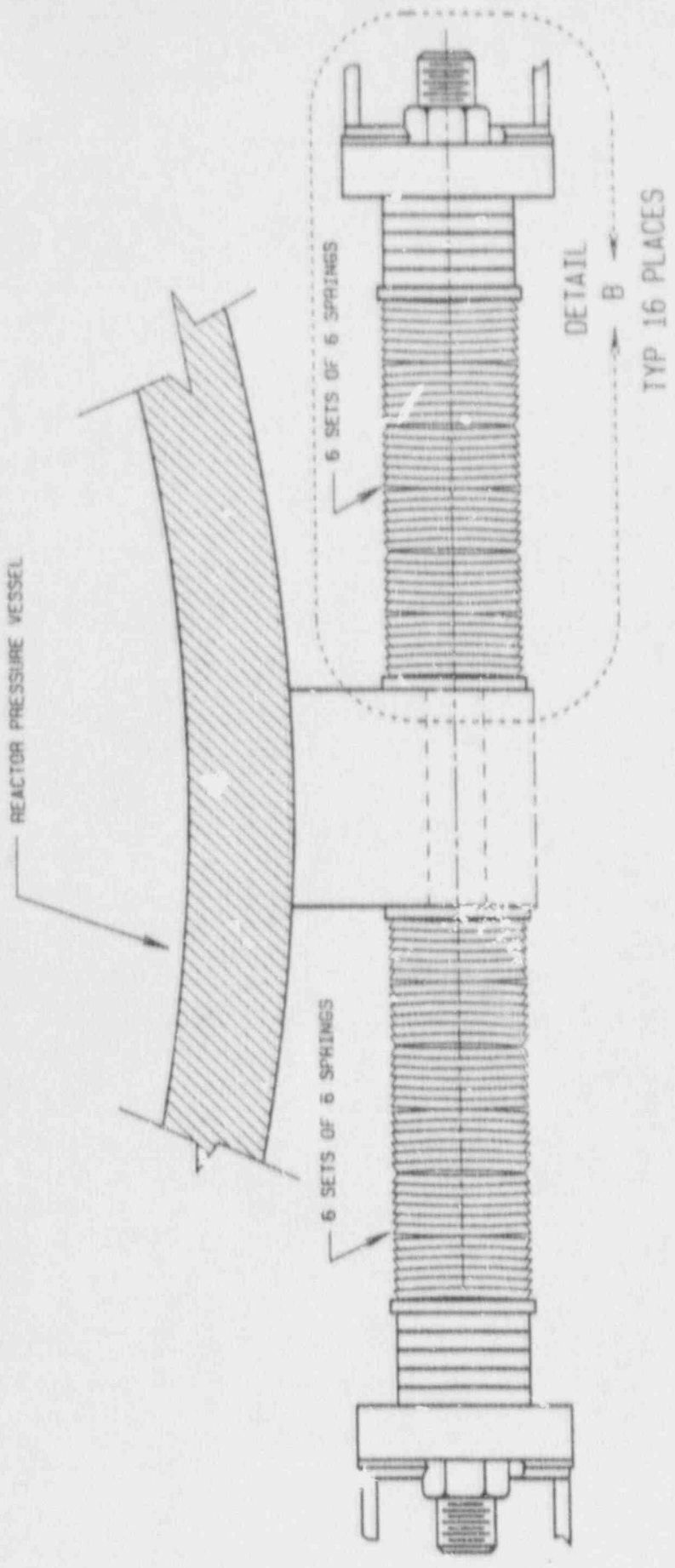


REF DWG:
8031-M-1-B11-U002-C-1.6

DETAIL "A"
TYPICAL 8 PLACES

DATE	10/88
REV	8

PROJECT	TITLE
LIMERICK 1 & 2	STABILIZER BRACKETS
DESIGNED BY	DRWN BY
CHKD BY	INSP BY



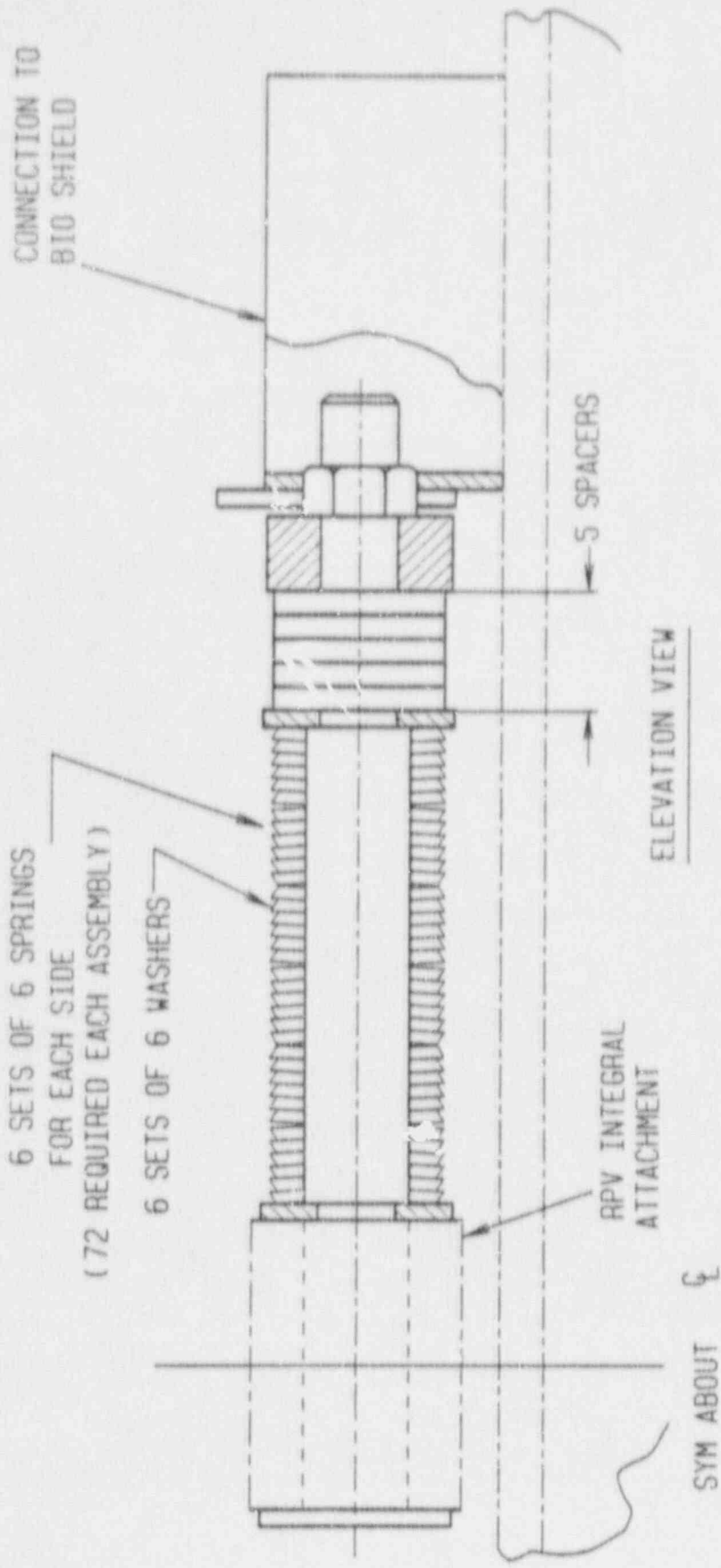
REF DWG: 8031-M-1-B11-UB02-C-1.6

DATE	10/1/68
REV	2

PROJECT	LIMERICK 1 & 2		TITLE	DETAIL A	
DESIGNED BY	E P BRADLEY	REV. TECH. MAN.	DESIGNED BY	R J DILL	DATE
CHECKED BY	W F MILLER	DESIGNED BY	D L SCHMIDT	DATE	04-27-67
DATE		SCALE	DLS	FA-2-2	

NUCLEAR FIELD TECHNICAL SERVICES

3913040330



REF. DWG. 8031-M-1-B11-U002-C-1.6

DATE	10/26/66
REV	0

PROJECT	TITLE	STABILIZER DETAIL B
LIMERICK 1 & 2	DESIGNER	
W. P. GILBERT	DR. TECH. REV.	
C. O. GILBERT	DR. I. SCHEMATIC	
	PREP. APPR.	
	DR. I. SCHEMATIC	
	DR. I. SCHEMATIC	
	DR. I. SCHEMATIC	

