



CLEAR
ENERGY
SERVICES, INC.

LIMERICK UNIT 1 PRESERVICE INSPECTION PROGRAM PLAN
FOR NUCLEAR PIPING SYSTEMS

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LIMERICK GENERATING STATION UNIT 1

PRESERVICE INSPECTION

PROGRAM PLAN FOR NUCLEAR PIPING SYSTEMS

Prepared for
PHILADELPHIA ELECTRIC COMPANY

By
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DANBURY, CT

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1. INTRODUCTION


The Preservice Inspection Program Plans for the Limerick Generating Station, Unit 1, owned by Philadelphia Electric Company, consist of three parts. They are as follows:


- Preservice Inspection Program Plan for Nuclear Piping Systems
- Preservice/Inservice Inspection Program Plan for the Reactor Pressure Vessel
- Pump and Valve Inservice Testing Program Plan

This document is the Preservice Inspection Program Plan for Nuclear Piping Systems.

The scope of examinations includes only pressure retaining components and their supports in Class 1, 2 and 3 piping systems commencing with but not including the safe end to nozzle piping weld adjacent to the reactor pressure vessel. The scope of examinations (as delineated above), procedures and acceptance criteria meet the requirements outlined in Section XI of the ASME Boiler and Pressure Vessel Code, "Rules for Inservice Inspection of Nuclear Power Plant Components" 1974 Edition including Addenda through Summer 1975 as modified by Appendix III to Winter 1975 Addenda and Paragraph IWA-2232 of Summer 1976 Addenda to comply with Owner Specification 8031-M-246A, "Specification for Preservice and Inservice Inspection Services for Nuclear Piping Systems for the Limerick Generating Station Units 1 & 2, Philadelphia Electric Company".

The Hydrovisual Examinations will be performed to owner approved procedures which meet the requirements of both Section III and Section XI.

The Hanger Inspections will be done to owner approved procedures and will meet Section XI. 

This Preservice Inspection Program Plan for Nuclear Piping Systems presents the required information for overall performance of the Preservice Inspection Examinations. The Program can be divided into two basic parts. Section 2 and Appendices A through E define the regulatory requirements invoked on the Program and the technical scope of examinations developed to satisfy these requirements. Appendices G and H delineate examination procedures and ultrasonic calibration standards to be used to perform the required examinations. Each Appendix is discussed in detail in Section 3. 



It is recognized that this program plan as presented herein is subject to change, contingent upon modifications in progress to the design and as-built configuration, until construction is completed and examination is concluded.

2. BASES FOR PRESERVICE INSPECTION PROGRAM

The Preservice Inspection requirements stipulated by 10 CFR 50.55a (g) (2) establish the edition and addenda of Section XI of the ASME Code in effect 6 months prior to the date of issuance of the construction permit as the one applicable to a facility whose construction permit was issued on or after January 1, 1971, but before July 1, 1974.

The construction permit for Limerick Unit 1 was issued June 19, 1974. In accordance with 10 CFR 50.55a criteria noted above, this unit is required to comply with the requirements set forth in the 1971 Edition, Winter 1972 Addenda of Section XI which was the edition and addenda "in effect" six months prior to the date of issuance of the construction permit. Owner Specification 8031-M-246A requires the inspection program to be conducted in accordance with the 1974 Edition of Section XI including Addenda through Summer 1975 as modified by Appendix III to Winter 1975 Addenda and paragraph IWA-2232 of Summer 1976 Addenda.

While the Appendix III of Winter 1975 Addenda and Paragraph IWA-2232 of Summer 1976 Addenda as selected are later than the 1974 Edition of Section XI with Addenda through Summer 1975 which is the last Edition of the Code incorporated by reference in 10 CFR 50.55a, their use is considered to be an upgraded technique allowed by Paragraph IWA-2240 of Section XI. The technique selected has no effect on the scope of required examination or recording and evaluation criteria. Recording and evaluation criteria are discussed in detail in Section 3.9.

3. PRESERVICE INSPECTION PROGRAM BOOK DESCRIPTION

The following sections constitute the Limerick Preservice Inspection Program Plan for Nuclear Piping Systems and are discussed in detail here or in their corresponding Appendix.

3.1 Exemptions and Exceptions

Appendix A discusses in detail the basis for exemptions and exceptions to the requirements of Section XI used in the Preservice Inspection Plan for areas that cannot be examined either fully or in part, due to limitations in accessibility, material, or design.

3.2 System Classification

The Limerick System Piping and Instrumentation Diagrams have been reviewed and Quality Group A, B and C (ASME Class 1, 2 and 3) boundaries established as required by Subarticle IWA 1400 of Section XI. This review was conducted in accordance with the quality group classification system for water and steam containing components important to the safety of light water-cooled nuclear power plants established by the NRC Regulatory Guide 1.26 in conjunction with Section 50.55a of 10 CFR 50. Regulatory Guide 1.26, "Quality Group Classification and Standards" defines the Quality Group Classification System consisting of four Quality Groups, A through D. The definition of Quality Group A is provided by 10 CFR 50.2(v) under "Reactor Coolant Pressure Boundary". The definitions of Groups B, C and D are provided by Regulatory Guide 1.26.

Appendix B identifies the piping systems and components that are Class 1, 2 and 3, and lists systems that are exempted from examination requirements of Section XI per paragraphs IWB-1220 and IWC-1220, and IWD 5200 (C). Piping and Instrumentation Diagrams, marked up to delineate system portions subject to Inservice Inspection, (ISI-M-01, etc.) are submitted in Appendix B.

3.3 Zone Designations

The plant has been subdivided into smaller areas of interest called zones for location convenience, usually delineated by floors. Appendix C identifies the Zone Designations developed for Limerick.

3.4 Program Plan and Schedule

The specific examination requirements for the Limerick Preservice Inspection Plan for Nuclear Piping Systems are defined in the Program Plan and Schedule presented in Appendix D. Each weld or other examination area is designated by a unique identification number along with the applicable examination category, method, procedure number and calibration standard number, if required for ultrasonic examination.

The pressure retaining components are to be visually examined under hydrostatic test pressure and temperature. The hydrostatic test and visual examinations required by Section III may serve as a preservice system hydrostatic pressure test. The hydrovisual section of examination schedule Tables identifies and describes those portions of systems and their components subject to requirements of hydrostatic pressure tests. The hydrovisual schedule of examination references the mark up of Piping and Instrument Diagrams of Appendix B.

In accordance with subarticle IWB-2100(b) and IWC-2100 shop and field examinations of individual system components may serve in lieu of preservice examinations if the provisions stipulated therein are complied with.

3.5 System Isometrics and Sketches

The piping isometric drawings show the piping and supports for the plant systems requiring examination. These drawings constitute Appendix E along with the sketches that illustrate various other plant areas or components requiring examination.

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3.6 Quality Assurance

The NES Quality Assurance Program Plan (80A1556), which governs the design review and implementation of the Limerick Inservice Inspection Program Plan, is in accordance with the requirements of the NES Inservice Inspection Program Quality Assurance Manual (80A9021), which is in compliance with Appendix B of 10 CFR 50.

The plan includes the detailed quality assurance requirements that are common to all activities of the program including organization, management, liaison, examination implementations, control of inspection records, qualifications of personnel, materials and procedures, etc.

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3.7 Examination Procedures

Subarticle IWA-1400 of Section XI requires the development and preparation of written examination procedures necessary for the conduct of the non-destructive examinations associated with the Preservice Inspection at Limerick.

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Visual examination is employed to provide a report of the general condition of the part, component or surface to be examined, including such conditions as scratches, wear, cracks, corrosion or erosion on the surfaces, misalignment or movement of the part or component, or evidence of leakage. Visual examinations are applicable to welds, support members, valves, pumps, fasteners, etc. NES' visual examination procedure is based on the recommendations of Article 9 of Section V of the Code as required by paragraph IWA-2210 of Section XI.

Liquid penetrant examination is selected as the surface examination method to delineate or verify the presence of cracks or discontinuities open to the examination surface. NES' liquid penetrant examination procedure is based on the recommendations of Article 6 of Section V of the Code as required by Paragraph IWA-2222 of Section XI.

The ultrasonic pulse echo examination is selected as the volumetric examination method to indicate the presence of subsurface discontinuities by examining the entire volume of metal required by Section XI to be examined. NES' ultrasonic examination procedures are based on Appendix III of Section XI, and IWA 2240, "Alternative Examinations."

In addition to procedures for the preferred methods of surface and volumetric examination (i.e. liquid penetrant and ultrasonic respectively), procedures for magnetic particle and radiographic examination are also included. NES' magnetic particle examination procedure is based on the recommendation of Article 7 of Section V of the Code as required by Paragraph IWA-2221 of Section XI. NES' radiographic examination procedure is based on the recommendations of Article 2 of Section V of the Code as required by Paragraph IWA-2231 of Section XI.

3.8 UT Calibration Standards

Appendix H includes a list of all the UT Calibration Standards with design drawings required to perform the ultrasonic examinations of Limerick Unit 1 Nuclear Piping. △
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The ultrasonic examination calibration standard design and material selection is in accordance with Subarticle III 3400 of Appendix III to Section XI. In addition to the required notches, drilled holes have been installed in accordance with the provisions of Article 5 of Section V of the Code as additional reflectors. These additional reflectors are allowed by Paragraph III-3440 of Appendix III of Section XI. Calibration standards for sound path and stud examination are designed as allowed by IWA 2240.

All calibration standards are to be retained on site at the Limerick Station.

3.9 Evaluation Criteria

All relevant indications found during the Preservice Inspection examinations will be evaluated to the requirements of the 1974 Edition of Section III of the Code listed below.

Subarticle IWA-3100 (b) of Section XI requires that when acceptance standards for a particular component, Examination Category, or examination method have not been included in Section XI, evaluation shall be made of any indication detected that exceeds the acceptance standards of material and welds specified in the Section III Edition applicable to the construction of the component in order to determine disposition. The 1974 Edition of Section III was chosen to be consistent with the Edition of Section XI required by Owner Specification 8031-M-246A.

Further, it should be noted that since Section III Paragraphs NB-5330 and NC-5330 do not specifically address recording criteria for piping welds, all indications which produce a response greater than 50% of the reference level shall be recorded. All indications which produce a response greater than 20% of the reference level shall be evaluated as required by Paragraphs NB-5330 and NC-5330 of Section III.

EVALUATION CRITERIA

Class 1 Piping - Article NB of Section III, 1974 Edition
 Paragraph NB-5330 for ultrasonic indications
 Paragraph NB-5340 for magnetic particle indications
 Paragraph NB-5350 for liquid penetrant indications

Class 2 Piping - Article NC of Section III, 1974 Edition
 Paragraph NC-5330 for ultrasonic indications
 Paragraph NC-5340 for magnetic particle indications
 Paragraph NC-5350 for liquid penetrant indications

3.10 Records and Reports

A system of records of the preservice inspection, plans, schedules and calibration standards, the examination results and reports, the corrective action required and taken, will be developed and maintained at the Limerick site in accordance with Article IWA-6000 of Section XI.

The control of the inspection data obtained in the field shall be in accordance with the NES Inservice Inspection Program Quality Assurance Manual, 80A9021, with the following objectives:

- (1) To insure performance of all required examinations.
- (2) To provide a current indication of the status of examinations.
- (3) To prevent the loss of data sheets.
- (4) To verify the completeness and accuracy of all submitted data.
- (5) To identify and correct inspection difficulties as they are reported on the data sheets.

Following the completion of each system inspection, a detailed report will be submitted to the owner, as required by Article IWA-6000 of Section XI. The examination report shall be prepared by NES and will include, as a minimum, the following details:

- (1) A summary of all inspections made that will reference the test and calibration records, and other documents that verify the tests. This summary will also certify that the tests were performed in accordance with all the applicable codes and specifications.

- (2) Copies of all calibration records, examination records, examination readouts, and examination results properly catalogued and cross referenced.
- (3) Copies of all procedures used.
- (4) The evaluation of any reportable indications found with respect to determining its acceptance or rejection in accordance with Article NB or NC of Section III.
- (5) Examination personnel certifications.

Photographs will be included where required for clarification of access or to show significant observations and/or indications.

3.11 Personnel Qualification Requirements

Personnel performing nondestructive examination operations shall be qualified with procedures prepared in accordance with SNT-TC-1A, 1975 Edition, for the applicable examination technique and methods as required by Article IWA-2000 of Section XI.

All examinations shall be performed and the results evaluated by qualified nondestructive examination personnel.

For nondestructive examination methods not covered by SNT-TC-1A documents, NES shall qualify personnel on the particular method involved.

The following NES procedures provide uniform programs of qualification and certification for the examination personnel for the nondestructive examination methods indicated.

1. 80A9068 Procedure for Training and Certification of Nondestructive Examination Personnel
2. 80A9069 Procedure for the Certification of Visual Examination Personnel

3.12 Pre-Examination Requirements

General provisions for accessibility have been defined by Article IWA-1000 of Section XI of the ASME Code.

All systems and components which require inspection in accordance with the requirements of ASME XI will be designed, to the extent practical, with adequate physical access to allow the required inspection.

Piping systems requiring ultrasonic inspection will be designed, to the extent practical, so that all welds requiring inspection are physically accessible for inspection with ultrasonic equipment. Access will be provided by leaving adequate space around pipes at these welds and by means of removable insulation and shielding as required. The surface of welds requiring ultrasonic examination will be smoothed and contoured to permit effective use of ultrasonic transducers; and pipes adjacent to fittings will be arranged to permit meaningful examination by avoidance of irregular surface geometries.

Piping systems requiring surface or visual examination will be designed to allow access and visibility adequate for performance of such examination.

In addition to the requirements of the Code, adequate water, electricity and air outlets shall be provided at convenient locations for operation of the examination equipment. Sufficient lighting shall also be provided to permit free movement to and illumination of all the required examination areas. Access routes will be planned to permit the free passage of examination personnel and equipment.

Temporary ladders, platforms, or scaffolding will be provided as required. Where piping passes directly underneath floor grating, removal of the grating, permitting access from the top, will be considered rather than a tight, time-consuming crawl route.



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APPENDIX A
EXEMPTIONS and EXCEPTIONS

APPENDIX A

1. EXEMPTION CRITERIA

The following exemptions from examination requirements were used by NES during the review of Quality Group A and B systems:

Quality Group A - All component connections, piping and associated valves which were one-inch nominal size or smaller were exempted from examination as allowed by ASME Section XI, Article IWB-1220(b)(3). In addition to the above exemption, all components less than 1.3929" I.D. for water service and 2.7857" I.D. for steam service were exempted from examination requirements. This exemption allowed by ASME Section XI, Article IWB-1220(b)(1) was based on "the exclusion diameter for normal makeup" provided by the Owner.

Quality Group B - All component connections, piping and associated valves and vessels which were 4" nominal pipe size and smaller were exempted as allowed by ASME Section XI, Article IWC-1220(d). In addition to the above exemption, all components in systems where both the design pressure and temperature were equal to or less than 275 PSIG and 200°F respectively were exempted from examination requirements as allowed by ASME Section XI, Article IWC-1220(a).

All Class 1 Reactor Coolant Pressure Boundary components exempted from examination requirements by IWB-1220 shall be visually examined during System Hydrostatic Pressure Tests per Category B-P requirements of Table IWB-2500 in accordance with IWA-5000 and IWB-5000.

All Class 2, Quality Group B (or optionally upgraded Class 1) pressure retaining components exempted from examination requirements by IWC-1220 shall be visually examined during System Hydrostatic Pressure Tests per Category C-H requirements of Table IWC-2500 in accordance with IWA-5000 and IWC-5000.

(APPENDIX A CONT'D)

2. BASIS FOR EXCEPTION

Exceptions to Section XI required examinations may be authorized by the regulatory authority, as allowed by 10 CFR 50.55a(a)(2), provided that design fabrication, installation, testing and inspection were performed in compliance with other applicable Codes, and Section XI requirements would result in hardship without a compensating increase in the level of quality and safety, or provided that the proposed alternative examination will assure an acceptable level of quality and safety.

Specific exceptions will be identified upon petition to regulatory authority requesting relief from code requirements. The exceptions identified to date consist of the following:

- 1) Pump and valve internal visual inspections (PSI) as required by ASME Section XI. We consider the ASME Section III inspections at the manufacturers shops and field inspections prior to installation to be adequate to meet the intent of ASME Section XI.

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APPENDIX B
SYSTEMS CLASSIFICATION

APPENDIX B DRAWINGS

The following drawings are referenced in this Appendix and are not included here due to their size. They are enclosed with the Program Plan expandable folder separate from the loose leaf binders. Delineations shown on these marked up piping and instrument diagrams identify the portions of piping systems subject to volumetric, surface, and visual examination requirements and subject to hydrovisual examination requirements.

ISI-M-01,		Revision 3
ISI-M-11,	SH 1	Revision 3
ISI-M-11,	SH 2	Revision 5
ISI-M-11,	SH 3	Revision 2
ISI-M-12,		Revision 2
ISI-M-13,		Revision 4
ISI-M-40,		Revision 2
ISI-M-41,		Revision 3
ISI-M-42,		Revision 3
ISI-M-43,		Revision 2
ISI-M-44,		Revision 4
ISI-M-45,		Revision 2
ISI-M-47,		Revision 2
ISI-M-48,		Revision 4
ISI-M-49,		Revision 3
ISI-M-50,		Revision 3
ISI-M-51,	SH 1	Revision 4
ISI-M-51,	SH 2	Revision 4
ISI-M-52,		Revision 4
ISI-M-53,		Revision 2
ISI-M-55,		Revision 4
ISI-M-56,		Revision 2



TABLE B-1

LIMERICK SYSTEM CLASSIFICATION - GROUP A COMPONENTS

REV. 4 PAGE 3 OF 20

Limerick - 80A1558

PREPARED BY CJE DATE AUG 82

PROJECT

CHECKED BY ABB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
A		All	Vent, drain, test, sample fill and instrument connections and lines 1" nominal size and smaller.	All	E	Less than exclusion size, Section XI, IWB-1220(b)(3).
	B-21	Main Steam	Main steam lines from reactor up to and including relief valves PSVIF013A through S, and outer isolation valves HVIF028A through D. Valve leak off lines to valve HVIF019.	M-41 M-41	N/A E	N/A Less than exclusion size, Section XI, IWB-1220(b)(1).
	E-32	MSIV Leakage control system	From main steam valves HVIF028A, B, C, D to and including MSIV valves HVIF001B, F, K, P.	M-40, M-41	E	Less than exclusion size, Section XI, IWB-1220(b)(1).
	B-21	Nuclear Boiler	1" instrument lines from reactor to and including flow limiting devices outside of containment.	M-42 M-41	E	Less than exclusion size, Section XI, IWB-1220(b)(3).
	B-21	Feedwater	Feedwater lines from d including valves HVIF074A and B to reactor.	M-41	N/A	N/A
	B-21	Feedwater	1½" DBA-116 Safeguard fill piping.	M-41	E	Less than water service make-up exclusive diameter, Section XI, IWB-1220b (1).



TABLE B-1

LIMERICK SYSTEM CLASSIFICATION - GROUP A COMPONENTS

REV. 4 PAGE 4 OF 20

Limerick - 80A1558

PREPARED BY CJZ DATE AUG 82

PROJECT

CHECKED BY BSB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
A	E-11	RHR	From and including valves HV1F017A, B, C, D and HV1F023 to reactor.	M-41, M-51	N/A	N/A
			From Recirc. system to and including valve HV1F008.	M-51 M-43	N/A	N/A
			From and including valves HV1F015A, B to recirc. system.	M-51 M-43	N/A	N/A
	E-21	Core Spray	From and including valves HV-108 and HV1F005 to reactor.	M-41, M-52	N/A	N/A
	E-41	HPCI	From steam line "C" to and including valve HV1F003.	M-41, M-55	N/A	N/A
B-32	Reactor Recir.	From reactor through recirculation pumps back to reactor, including decontamination connections.	M-43	N/A	N/A	

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TABLE B-1

LIMERICK SYSTEM CLASSIFICATION - GROUP A COMPONENTS REV. 4 PAGE 5 OF 20

Limerick - 80A1558

PROJECT

PREPARED BY CJZ DATE AUG 82

CHECKED BY SSS DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
A	G-31	Reactor Water Cleanup	From reactor recirc. system to and including valve HV1F004.	M-43, M-44	N/A	N/A
			From reactor nozzle N15 to pipe 6" DCA-101	M-44	N/A	N/A
			From valve 1016 thru valves 1017 to FW A 24" DLA-107	M-41	N/A	N/A
	C-41	Standby Liquid Control	From and including valve HV1F006 to Later.	M-48	N/A	N/A
E-51	RCIC	From steam line "B" to and including valve HV1F008.	M-41 M-49	N/A	N/A	

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TABLE B-2

LIMERICK SYSTEM CLASSIFICATION - GROUP B COMPONENTS REV. 4 PAGE 6 OF 20

Limerick - 80A1558

PROJECT

PREPARED BY CJR DATE AUG 82

CHECKED BY ABB DATE 8/82


QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
B		All	All vent, drain, test, sample, instrument, fill and by-pass lines 4" nominal pipe size and smaller.	All	E	Exclusion size from Section XI, IWC-1220 (d).
	B-21	Nuclear Boiler Instrument.	1" DCA-309 piping from penetrations X-30B, X-50A, X-22 and X-40E and including valves HV-147A, E to B, C & D.	M-42	E	Optionally upgraded piping Less than exclusion size, Section XI, IWC-1220 (d). 
	B-21	Main Steam	From outer isolation valves HV-F028A, B, C & D to main stop valves, MSV-1, 2, 3, 4.	M-01, M-41	N/A	N/A
			Steam line A, B, C & D branch to turbine bypass valves. Line C to valve HV-111. Line B to valve HV-108.		N/A	N/A



TABLE B-2

LIMERICK SYSTEM CLASSIFICATION - GROUP B COMPONENTS

REV. 4 PAGE 7 OF 20

Limerick - 80A1558

PREPARED BY CJL DATE AUG 82

PROJECT

CHECKED BY JLB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
B	B-21	Main Steam	Lines A, B, C & D to pressure averaging manifold. Line C to valve HV-150. All lines to valves 1001A, B, C & D and 1022A, B, C & D.	M-01, M-41	E	Exclusion size from Section XI, IWC-1220 (d).
	E-32	MSIV Leakage Control System	2" lines (total of 4) from valves HV-1F00.B, F, K & P thru electric heaters, thru Low Pressure Manifold, to valve 1F003, valve 1F010, Dilution Air Valve 1F012, Blower 10K208 Suction.	M-40	E	Exclusion size from Section XI, IWC-1220(a) & (d), as applicable
			2" lines from outlet of valves HV-41-1F028A, B, C & D thru Low Pressure Manifold, to and including valves 1F011, 1F013, 1F018, HV-1F009 and Blowers 1AK209 & 1EK209 suction.	M-40 M-41	E	Exclusion size from Section XI, IWC-1220(d).

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TABLE B-2

LIMERICK SYSTEM CLASSIFICATION - GROUP B COMPONENTS

Limerick - 80A1558

PROJECT

REV. 4 PAGE 8 OF 20

PREPARED BY CJZ DATE AUG 82CHECKED BY ASB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
B	C-11	CRD	From CRD's to 185 hydraulic control units, to insert and withdraw lines. 8" and 10" scram discharge volume piping.	M-47	E	Exclusion size from Section XI, IWC-1220 (d).
	E-11	RHR	Loop A from and including valve HV1F004A to pump 1AP202 to and from heat exchanger 1AE205, to valves HV1F015A, 1F027A, HV1F017A, HV1F024A, HV-125A, HV1F023, and HV1F021A, and relief Discharge to suppression pool.	M-51	N/A	N/A
			Loop B from and including valve HV1F004B to pump 1BP202 to and from heat exchanger 1BE205 to valves HV1F015B, HV1F017B, 1023, HV1F024B, HV-125B, HV-1F027B, and HV1F021B, and Relief Discharge to suppression pool.		N/A	N/A
		Loop C from and including valve HV1F004C to pump 1CP202, to valves HV1F010A and HV1F017C.		N/A	N/A	



TABLE B-2

LIMERICK SYSTEM CLASSIFICATION - GROUP B COMPONENTS

REV. 4 PAGE 9 OF 20

Limerick - 80A1558

PREPARED BY CSJ DATE Aug 82

PROJECT

CHECKED BY CSJ DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
B	E-11	RHR	Loop D from and including valve HV1F004D to pump IDP202 to valves HV1F010B and HV1F017D. Cross connects between pump discharges and heat exchangers 1AE205 and 1BE305 and from supply from HPCI System, including by-pass, valves HV-C-154 A, B and HV-C-103 A, B, and SW intertie valve HV1F075. Intertie 6" HBB-104 to RCIC, including relief discharge to suppression pool.	M-51	N/A N/A N/A	N/A N/A N/A



TABLE B-2

LIMERICK SYSTEM CLASSIFICATION - GROUP B COMPONENTS

REV. 4 PAGE 10 OF 20

Limerick - 80A1558

PREPARED BY CE DATE Aug 82

PROJECT

CHECKED BY LLB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
B	E-11	RHR	<p>Valve HV1F008 through HBB-118 to pumps 1A0202, 1BP202 suction lines. Valve 1007 to pipe 24" HBB-118.</p> <p>Vacuum breaker lines A and B from valves PSV 1FO55A,B, PSV 101A, B to supression pool.</p> <p>All lines from Loop A equal to or less than 4". Including but not limited to lines to valves 1010A, 1033A, HV1F040, 1F081 and 1F089A.</p> <p>All lines from Loop B equal to or less than 4". Including but not limited to lines to valves 1033B, 1F069B, 1F089B, and 1010B.</p> <p>All lines from Loop C equal to or less than 4". Including but not limited to lines to valves 1010C, 1F089C, HV105A, and 1F069C.</p> <p>All lines from Loop D equal to or less than 4". Including but not limited to lines to valves 1F069D, 1F089D, HV105D, and 1010 D.</p> <p>Pump suction lines in suppression pool that are on containment side of isolation valves.</p>	M-51	<p>N/A</p> <p>N/A</p> <p>E</p> <p>E</p> <p>E</p> <p>E</p> <p>E</p>	<p>N/A</p> <p>N/A</p> <p>Exclusion size from Section XI, IWC-1220 (d).</p> <p>Exclusion size from Section XI, IWC-1220 (d).</p> <p>Exclusion size from Section XI, IWC-1220 (d).</p> <p>Exclusion size from Section XI, IWC-1220 (d).</p> <p>Not pressure retaining piping</p>



TABLE B-2

LIMERICK SYSTEM CLASSIFICATION - GROUP B COMPONENTS

REV. 4 PAGE 11 OF 20

Limerick - 80A1558

PREPARED BY CR DATE AUG 82

PROJECT

CHECKED BY PAB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
B	E-41	HPCI	Steam line from valve HV-1F003 to turbine and turbine exhaust line to and including valve HV-1F072. Pump discharge to and including valve HV-1F006.	M-55, M-56	N/A	N/A
			Pump suction lines from suppression pool and condensate system.		E	Exclusion criteria from Section XI, IWC-1220 (a).
	C-41	Standby Liquid Control	From standby liquid control tank to Control Injection pumps (3) to valves HV-1F006 A + B.	M-48	E	Exclusion criteria from Section XI, IWC-1220(d) & (b).
	E-51	RCIC	Steam line from valve HV-1F008 to turbine. Turbine exhaust line to HV-1F060.	M-49, M-50, M-55	N/A	N/A
			Pump suction from condensate system valve 1F009 and RHR interties 4" HBB-104	M-49 M-50 M-51	N/A	N/A



TABLE B-2

LIMERICK SYSTEM CLASSIFICATION - GROUP B COMPONENTS REV. 4 PAGE 12 OF 20

Limerick - 80A1558

PROJECT

PREPARED BY CJZ DATE AUG 82

CHECKED BY ASB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
B	E-51	RCIC	Pump discharge to valve HV-1F074 B.	M-41 M-49	N/A	N/A
			Pump suction from suppression pool to 6" HBB-102.	M-49 M-50	E	Exclusion criteria from Section XI, IWC-1220 (a).
	E-21	Core Spray	6" HCB-104 from Condensate System to valve 1F009	M-49 M-55	E	Exclusion criteria from Section XI, IWC-1220 (a).
			Pump suction lines in suppression pool that are on containment side of isolation valves.	M-52	E	Not pressure retaining piping
			Suction lines from valves HV-1F001A & C to pumps 1AP206 and 1CP206 to valves HV-1F005 and HV-1F015A.	M-52	N/A	N/A
			Suction lines from valves HV-1F001B & D to pumps 1BP206 and 1DP206 to valves HV108 and HV-1F015B.		N/A	N/A
		14" cross connect to Condensate Storage Tank from pump suction 10 and including valves 1F002A, B, C & D.		N/A	N/A	

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TABLE B-2

LIMERICK SYSTEM CLASSIFICATION - GROUP B COMPONENTS

REV. 4 PAGE 13 OF 20

Limerick - 80A1558

PREPARED BY CJR DATE AO4 82

PROJECT

CHECKED BY BSB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
B	E-21	Core Spray	6" HBB-134 from suppression pool to valve HV-128.	M-52	N/A	N/A
			12" EBB-129 from HV-1F006 on HPCI intertie to 12" EBB-131.		N/A	N/A
			Low flow by-pass lines, 2" lines (EBB-131 & EBB-132) from Condensate and RCIC Systems.		E	Exclusion size from Section XI, IWC-1220 (d).
	Reactor Enclosure Cooling Water	Pipe between and including valves HV-108, HV-106 and HV-109. Pipe between and including valves HV-107, HV-110 and HV-111.	M-13	E	Exclusion size from Section XI, IWC-1220 (d).	
G-31	RWCU	6" DCB-102 from valve HV-1F004 to and including valve HV-1F040.	M-44	N/A	N/A	
		From and including valve HV-1F039 to valve 1016, to FW interties loops A, B and to RCIC return.	M-41, M-44	E	Exclusion size from Section XI, IWC-1220 (d).	

TABLE B-2



LIMERICK SYSTEM CLASSIFICATION - GROUP B COMPONENTS

Limerick - 80A1558

PROJECT

REV. 4 PAGE 14 OF 20

PREPARED BY CR DATE Aug 82

CHECKED BY CRS DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
B	B-21	Feedwater Fuel Pool Cooling & Cleanup	From and including valves HV-1F032 A & B and HV-109 A & B to valves HV-1F074 A & B. RHR inerties 16" HBB 119 from flanged spool to valve 1F007 and from valve 1F023 to flanged spool.	M-41 M-53, M-51	N/A N/A	N/A N/A



TABLE B-3

LIMERICK SYSTEM CLASSIFICATION - GROUP C COMPONENTS

Limerick - 80A1558

PROJECT

REV. 4 PAGE 15 OF 20

PREPARED BY CE DATE AUG 82CHECKED BY BSB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
C	B-21	Main Steam	From outlet of main steam relief valves 1F013A through 1F013S to suppression pool.	M-41	E	Open ended portion, exclusion per Section XI, IWD-5200 (c).
	G-31	RWCU	From valve HV-1F040 through RWCU recirculation pumps A, B, C, through 3 regenerative heat exchangers, and through 4 non-regenerative heat exchangers A, B to valves HV-1F039, HV-1F034, HV-1F035, or 1019.	M-44	N/A	N/A
	33	Fuel Pool Cooling and Cleanup	Dryer Storage Pool to valves 1033 and 1034. Reactor vessel drywell grating drain piping to valves 1042 and 1043. Skimmer surge tank drains to valve 1007, and Blanked Removable spool at HBB-119. Spent fuel cask storage pit to valves 1053, 1062 and 1076. RHR tie (at GBB-110 Removable Spool) to valves 1024A and B. ESW tie to valve 1093. Refueling bellows grate drains to valve 1039. Valves 1024A, 1024B and 1093 to fuel storage pool.	M-53 M-11	N/A E	N/A Open ended portion exclusion per Section XI, IWD-5200 (c).



TABLE B-3

LIMERICK SYSTEM CLASSIFICATION - GROUP C COMPONENTS

REV. 4 PAGE 16 OF 20

Limerick - 80A1558

PREPARED BY CTZ DATE AUG 82

PROJECT

CHECKED BY ASB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
C	9	RHR Service Water	From and including 4 service water pumps thru 4 heat exchangers, to and including valves HV032A, B, C, D. From valves HV032A, B, C, D to spray networks. ESW Loop A and B discharge.	M-12	N/A E N/A	N/A Open ended portion exclusion per Section XI, IWD-5200 (c). N/A

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TABLE B-3

LIMERICK SYSTEM CLASSIFICATION - GROUP C COMPONENTS

Limerick - 80A1558

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REV. 4 PAGE 17 OF 20

PREPARED BY CJR DATE AUG 82

CHECKED BY MSB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
C	9	RHR Service Water	<p>From valves HV-110, HV-210 to 30" RHR Service Water headers.</p> <p>Cooling tower make up from and including check valve 0030 thru check valve 0031 thru spray pond wall.</p> <p>Thru Valve HV-114 to and including Valve HV-112</p> <p>Thru Valve HV-214 to and including valve HV-212</p> <p>30" spray network by-pass headers thru HV-031A, B, C and D</p> <p>Spray pond network cross-connect thru HV-34A & B to and including Valve 0013E.</p> <p>From valve HV-112 thru spray pond wall.</p> <p>From valve HV-212 thru spray pond wall.</p> <p>From valves HV-031 C and D thru pond wall.</p>	M-12	<p>N/A</p> <p>E</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>E</p> <p>E</p> <p>E</p>	<p>N/A</p> <p>Open ended portion, exclusion per Section XI, IWD-5200 (c).</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>Open ended portion, exclusion per Section XI, IWD-5200 (c).</p> <p>Open ended portion, exclusion per Section XI, IWD-5200 (c).</p> <p>Open ended portion, exclusion per Section XI, IWD-5200 (c).</p>



TABLE B-3

LIMERICK SYSTEM CLASSIFICATION - GROUP C COMPONENTS

REV. 4 PAGE 18 OF 20

Limerick - 80A1558

PREPARED BY CJE DATE AUG 82

PROJECT

CHECKED BY AB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION	
C	9	PHR Service Water	RHR Service Water Pump discharge header cross-connect, including valves HV-111, HV-113, HV-211, HV-213, HV-017A & B.	M-12	N/A	N/A	
			RHR	Service water connections to 2 heat exchangers, 4 pumps.	M-51	N/A	N/A
				Service water to valves HV-1F074, HV-1F075.		N/A	N/A
				From Valves HV-1F027A+B to suppression pool fog jets.		E	Open ended portion, exclusion per Section XI, IWD-5200 (c).
		From Valves HV-1F021A+B to suppression pool fog jets.		E	Open ended portion, exclusion per Section XI, IWD-5200 (c).		



TABLE B-3

LIMERICK SYSTEM CLASSIFICATION - GROUP C COMPONENTS

REV. 4 PAGE 19 OF 20

Limerick - 80A1558

PREPARED BY CJZ DATE AUG 82

PROJECT

CHECKED BY BSB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
C	21	Emergency Service Water	Loops A + B From and including 4 ESW pumps to 8 sets of diesel generator heat exchangers, to RHR Service Water return headers and to turbine enclosure cooling water heat exchanger branches including valves HV-105, HV-205 and 0043.	M-11	N/A	N/A 4
			Loop A Safeguard Equipment Supply and return for: 1) RHR pump compartment unit coolers (4). 2) RHR motor coolers (4). 3) RCIC pump compartment unit coolers (2). 4) HPCI pump compartment unit coolers (2), and to valve HV-073 5) Core Spray pump compartment unit coolers (4).	M-11	N/A	N/A 4



TABLE B-3

LIMERICK SYSTEM CLASSIFICATION - GROUP C COMPONENTS

REV 4 PAGE 20 OF 20

Limerick - 80A1558

PREPARED BY CJZ DATE AUG 82

PROJECT

CHECKED BY CB DATE 8/82

QUALITY GROUP	SYSTEM NUMBER	SYSTEM TITLE	SYSTEM DESCRIPTION	P & I DIAGRAM	EXEMPT (E)	BASIS FOR EXEMPTION
C	21	Emergency Service Water	6) Control Room chillers (OAK 112), back to Loop A discharge.	M-11	N/A	N/A
			7) To + including service water valves HV-123 and 1010.			
			Loop B Safeguard Equipment Supply and return for:	M-11	N/A	N/A
			1) RHR pump compartment unit coolers (4).	M-13		
			2) RHR motor coolers (4).			
			3) Core Spray pump compartment unit coolers (4).			
4) To and from recirc. pump seal and motor coolers. (Cont'd on P +ID ISI-M-13)						
5) Control Room chillers. (OBK 112)						
6) Valves HV-124 and 1013 back to loop B supply and valves HV-125 and HV-127 back to loop B return.						
Loop A Supply Thru 2" HBC-138 to Unit #1 Fuel Pool (Cont'd on P+ID ISI-M-53)			M-11	N/A	N/A	
			M-53			
Loop B Supply Thru 2" HBC-243 to Unit #2 Fuel Pool (Cont'd on P+ID ISI-M-53)			M-11	N/A	N/A	
			M-53			

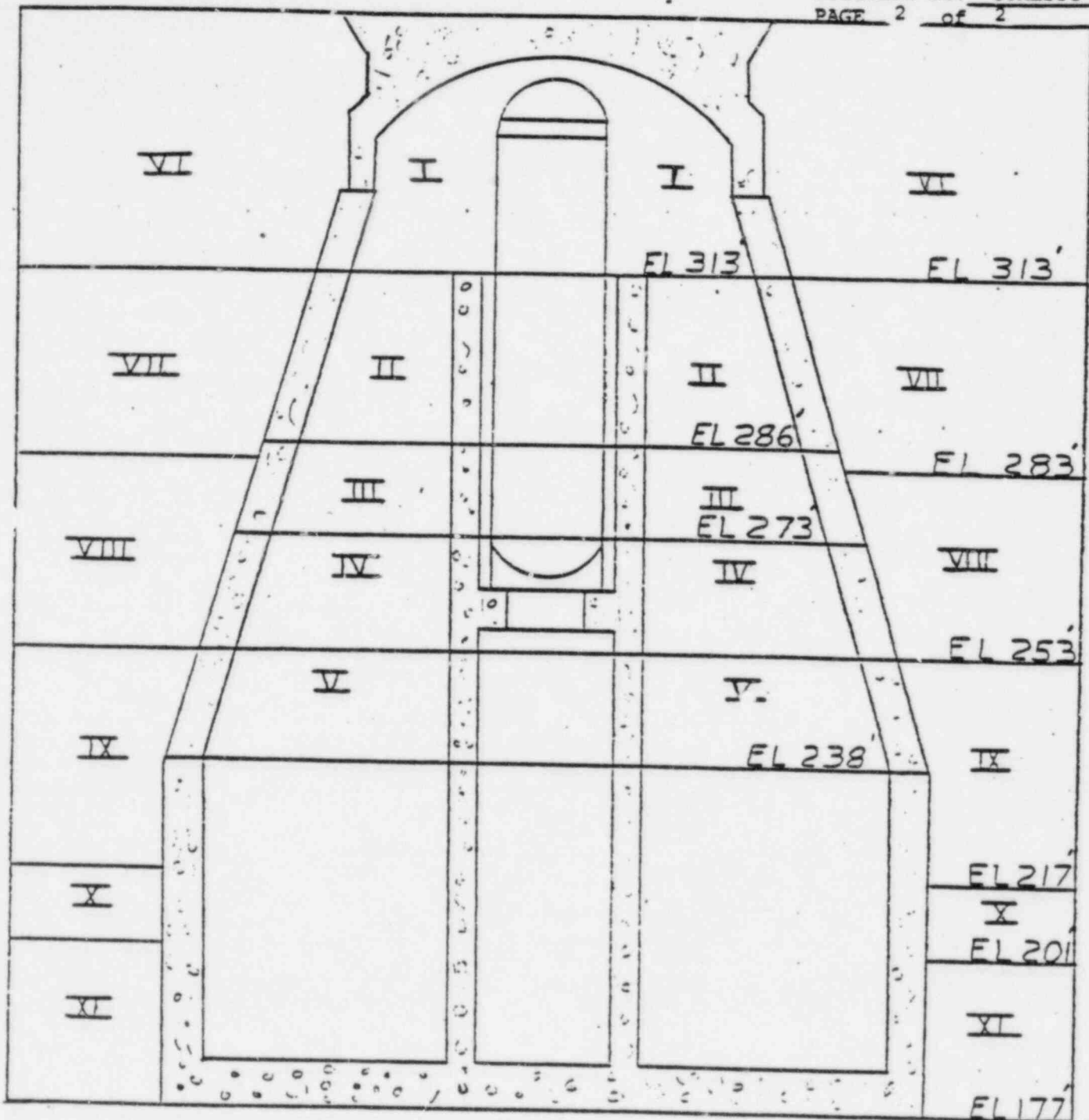



NUCLEAR ENERGY SERVICES, INC.

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APPENDIX C
ZONE DESIGNATIONS



 NUCLEAR ENERGY SERVICES INC. NES DIVISION	
SYSTEM NO.	TITLE
	ZONE DESIGNATION
REV:	FIG. NO.
BY: <i>ASB</i>	DATE: 11/14/78
APP: <i>AAK</i>	DATE: 11/15/78
PROJECT:	
5551 LIMERICK UNIT I	
NES 112	NOT TO SCALE



NUCLEAR ENERGY SERVICES, INC.

DOCUMENT NO. 80A1558

PAGE 1 OF 6

APPENDIX D
PROGRAM PLAN and SCHEDULE

APPENDIX D
PROGRAM PLAN AND SCHEDULE

The specific examination requirements for the Limerick Unit 1 Preservice Inspection Program are defined by the Program Plan and Schedule, Appendix D.

The Program Plan and Schedule contains all the examinations required by Subarticles IWB-2500, IWC-2500, and IWD-2600 of ASME Section XI, and its contents are to be examined once, completely, prior to initial plant startup. Shop examination records of individual system components may serve in lieu of in-plant preoperational examinations, provided the requirements defined in IWB-2100, IWC-2100, and IWA-5210 are satisfied.

The Schedule includes the exam area designation and description, exam procedure number (Appendix G) and, (where applicable and determined) a calibration block number (Appendix H), ASME Section XI category and exam method (e.e. visual, penetrant, ultrasonic), and zone where the examination area is located (see Appendix C). Also appearing in the Schedule are specific remarks unique to that piping area requiring examination.

Each weld or exam area has been given a unique designation number in the Program Plan and Schedule. Table D-1 provides a key to the designator notation. Exam items are divided by system and further subdivided according to the weld or hanger figure that they appear on. Multiple examination requirements of the same component are listed in the Schedule, appearing together. Hanger examinations follow the piping weld examinations within each system. Hydrovisual examinations appear as the next section, and Component examinations are the final section. Supports of the pressure retaining boundary shall be examined while checking for system leakage; and, for the examination of Class 3 boundary pressure supports, those for components exceeding four inch (4") nominal pipe size shall be examined while checking for leakage.

To satisfy the requirements of Category B-M-2 (valve bodies greater than 4" nominal size), internal pressure boundary surfaces shall be visually examined for one valve within each of the seventeen groups of valves in Table D-2, per the preservice examination requirements of IWB-2100. Valves are grouped according to same body constructional design, manufacturing method, manufacturer, and performance of similar functions in the system.

This appendix is complete except for several pipe lines for which the information necessary to identify examinations was not available for Revision 3 to this Plan.

The pipe lines mentioned above are:

In the RHR System;

18" GBB-102

In the HPCI System;

10" HBB-113

In the RCIC System;

6" HBB-103,

6" HBB-104,

8" HBB-107,

and the RCIC turbine driven pump,

In the Standby Liquid Control System;

1 1/2" DCA-112.

In RWCU

4" DCA 101

2" DCA 101

2" DCA 113

In the CRD System

8" EBB

10" EBB

TABLE D-1

- A. The format for piping examination area designators will appear as follows:

XXY-ZZZ-WWWWW

Where

- XX is the System Designation
Y is the Loop Designation (may not appear)
ZZZ is the three digit number, or P for pump examinations
WWWW is the space allowed for the suffix. It may be less than five spaces long or may not appear.

For Hanger Isometrics the numbering system will follow the weld identification system depicted above.

The only change will be that the space occupied by the first "Z" (leftmost) will be the position which describes the type of equipment attached to the pipe. The code to be used will be:

- A - Rigid pipe anchor
- H - Hanging support, (does not include rigid vertical restraints)
- P - Pipe (or component) support or rigid restraint
- S - Snubber (dynamic shock arrestors)
- X - Unknown (To be updated)

TABLE D-1
(continued)

B. Piping systems will be designated as follows:

<u>SYSTEM</u>	<u>NES</u>	<u>BECHTEL</u>	<u>GE MPL</u>
Feedwater	FW		B21
Main Steam	MS		B21
MSIV Leakage Control	LC		E32
Nuclear Boiler Instrumentation	NB		B21
Reactor Recirculation	RR		B32
Control Rod Drive Hydraulics	RD		C11
Standby Liquid Control	SC		C41
Residual Heat Removal	RH		E11
Core Spray	CS		E21
High Pressure Coolant Injection	HP		E21
Reactor Core Isolation Cooling	RC		E51
Reactor Water Clean-up	RW		G31
Fuel Pool Cooling and Clean-up	FP	33	
RHR Service Water	SW	9	
Emergency Service Water	ES	21	



C. A suffix may designate particular exam areas or additional (repair) field welds.

Suffix Key:

- A New or additional weld (successive letters as required for weld identification)
- B Bolting (Studs, Nuts, Washers, etc. as applicable to component identification only)
- LD Longitudinal Seam (Downstream)
- LU Longitudinal Seam (Upstream)
- LU-MIN Elbow Longitudinal Seam, Inner Weld
- LU-MAX Elbow Longitudinal Seam, Outer Weld
- N Nuts
- R Repair Weld
- S Studs, Bolts

NOTE: HYD denotes Hydrostatic Visual Examination
N/A denotes NOT APPLICABLE
N/S denotes NOT SPECIFIED

TABLE D-1
(continued)

D. LIMERICK EXAMINATION CODE

MT Magnetic Particle Examination
PT Liquid Penetrant Examination
RT Radiographic Examination
UT Ultrasonic Examination
VT-1 Visual Examination
VT-2 Hydro-Visual Examination




PROGRAM PLAN AND SCHEDULE

System: HR
Reference Drawing No. 01-01
Preservice Inspection

By: CJB Date: Aug 82
App: CSB Date: 8/82
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80A1558
PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RHA 001	12" Pipe to Elbow	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHA 001LD	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHA 001LU	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHA 002	12" Elbow to Valve 1F065A	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHA 002LD	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHA 003	12" Valve 1F065A To Pipe	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHA 003LU	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHA 004	12" Pipe To Elbow	80A1566	LIM-12-.688-SS316	B-J	UT	II	

System: RHR
 Reference Drawing No. 01-01
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

By: CD Date: Aug 82
 App: CD Date: 8/82
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80A1558
 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRA 004LD	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHA 004LU	12" Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHA 005	12" Elbow To Pipe	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHR 005LD	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHA 005LU	12" Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHA 005A	12" Pipe to Pipe	80A1566	LIM-12-.688-SS-316,	B-F	UT	II	
		80A1562	LIM-12-.688-CS		PT		
RHA 005ALU	Pipe Seam	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHA 005ALD	Pipe Seam	80A1566	LIM-12-.688-CS	B-J	UT	II	



System: HR
 Reference Drawing No. 01-01
 Preservice Inspection

PROGRAM PLAN AND SCHEDULE

By: CJD Date: Aug 82
 App: [Signature] Date: 8/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RHA 006	12" Pipe to Valve (HV-1F041A)	80A-1566	LIM-12-.688-CS	B-J	UT	II	
RHA 007	12" Valve (HV-1F041A) to Pipe	80A-1566	LIM-12-.688-CS	B-J	UT	II	
RHA 007A	12" Pipe to Pipe	80A-1566	LIM-12-.688-CS	B-J	UT	II	
RHA 008	12" Pipe to Elbow	80A-1566	LIM-12-.688-CS	B-J	UT	II	
RHA 009	12" Elbow to Pipe	80A-1566	LIM-12-.688-CS	B-J	UT	II	
RHA 010	12" Pipe to Elbow	80A-1566	LIM-12-.688-CS	B-J	UT	II	
RHA 011	12" Elbow to Pipe	80A-1566	LIM-12-.688-CS	B-J	UT	III	
RHA 012	12" Pipe to Flued Head (X-45A)	80A-1566	LIM-12-.688-CS	B-J	UT	III	



PROGRAM PLAN AND SCHEDULE

System: RHR
Reference Drawing No. 01-01
Preservice Inspection

By: CJR Date: Aug 82
App: [Signature] Date: _____
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PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RHA 013	12" Flued Head (X-45A) to Valve (HV-1F017A)	80A1567	LIM-SP-182-316	B-J	UT	II	
RHA 075	8"x28"x12" Tee to 12" Pipe	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHA 075LU	12" Pipe Seam	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHA 076	12" Pipe to Valve (1F060A)	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHA 076LD	Pipe Seam	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHA 077	12" Valve (1F060A) to Pipe	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHA 077LU	12" Pipe Seam	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHA 078	12" Pipe to Valve (HV-1F050A)	80A1566	LIM-12-.843-SS316	B-J	UT	IV	



System: RHR
 Reference Drawing No. 01-01
 Preservice Inspection

PROGRAM PLAN AND SCHEDULE

By: CJE Date: Aug 82
 App: BS Date: 8/82
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80A1558
 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RHA 078LD	Pipe Seam	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHA 079	12" Valve (HV-1F050A) to Pipe	80A1566	LIM-12-.688-SS	B-J	UT	IV	
RHA 080	12" Pipe to Elbow	80A1566	LIM-12-.688-SS	B-J	UT	IV	
RHA 081	12" Elbow to Pipe	80A1566	LIM-12-.688-SS	B-J	UT	IV	
RHA 082	12" Pipe to Pipe	80A1566	LIM-12-.688-SS	B-J	UT	V	
RHA 083	12" Pipe to Elbow	80A1566	LIM-12-.688-SS	B-J	UT	V	
RHA 084	12" Elbow to Pipe	80A1566	LIM-12-.688-SS	B-J	UT	V	
RHA 085	12" Pipe to Pipe	80A1566	LIM-12-.688-SS	B-J	UT	V	



PROGRAM PLAN AND SCHEDULE

80A1558
 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RHA 086	12" Pipe to Pipe	80A1566	LIM-12-.688-SS	B-J	UT	V	
RHA 087	12" Pipe to Pipe	80A1566	LIM-12-.688-SS	B-J	UT	V	
RHA 088	12" Pipe to Elbow	80A1566	LIM-12-.688-SS	B-J	UT	V	
RHA 089	12" Elbow to Pipe	80A1566	LIM-12-.688-SS	B-J	UT	V	
RHA 090	12" Pipe to Pipe	80A1566	LIM-12-.688-SS	B-J	UT	V	
RHA 091	12" Pipe to Flued Head (X-13A)	80A1566	LIM-12-.688-SS	B-J	UT	V	
RHA 092	12" Flued Head (X-13A) to Valve HV-1F015A	80A1567	LIM-SP-182-316	B-J	UT	IX	

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<u>PIPING WELDS</u>							
RHA 014	12" Valve HV-1F017A to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	VII	
RHA 015	12" Pipe to Elbow	80A1566	LIM-12-.375-CS	C-F	UT	VII	
RHA 016	12" Elbow to 18"x12" Reducer	80A1567	LIM-18-.375-CS	C-F	UT	VII Elbow Side	
RHA 017	18"x12" Reducer to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VII	
RHA 018	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHA 019	18" Elbow to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	VIII	
RHA 020	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHA 021	18" Pipe to 18"x18"x16" Tee	80A1566	LIM-18-.375-CS	C-F	UT	VIII	



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<u>PIPING WELDS</u>							
RHA 022	18"x18"x16" Tee to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHA 023	13" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHA 024	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHA 025	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHA 026	18" Elbow to 18"x18"x18" Tee	80A1567	LIM-18-.375-CS	C-F	UT	VIII	
RHA 027	18"x18"x18" Tee to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHA 028	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHA 029	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	



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<u>PIPING WELDS</u>							
RHA 140A	16" Flued Head (X-39A) to Valve HV-1F021A	80A1567	LIM-SP-105	C-F	UT	VII	
RHA 141	16" Valve HV-1F021A to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHA 142	16" Pipe to 16" Tee	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHA 143	16" Tee to Flange	80A1567	LIM-16-.375-CS	C-F	UT	VII Tee Side	
RHA 144	16" Tee to Valve HV-1F016A	80A1567	LIM-16-.375-CS	C-F	UT	VII Tee Side	
RHA 145	16" Valve HV-1F016A to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHA 146R	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHA 147	16" Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VII	



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<u>PIPING WELDS</u>							
RHA 148	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RHA 149	16" Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RHA 150	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RHA 151	16" Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RHA 151A	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RHA 151B	16" Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RHA 151C	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RHA 151D	16" Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VIII	



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<u>PIPING WELDS</u>							
RHA 152	16" Pipe to 18"x18"x16" Tee	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RHA 152A	6" Flued Head (X-205A) to Valve HV-1F027A	80A1567	LIM-SP-105	C-F	UT	IX	
RHA 153	6" Valve HV-1F027A to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 154	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 155	6" Elbow to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 156	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 157	Elbow to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 158	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHA 159	Elbow to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 160	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 161	Elbow to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 162	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 163	Elbow to Sweepolet	80A1567	LIM-6-.280-CS	C-F	UT	IX	Elbow Side
RHA 164	Sweepolet to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 165	18" Pipe to Valve HV-1F024A	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 166	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RHA 167	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 168	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 169	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 170	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 171	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 172	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 173	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 174	18" Pipe to Tee	80A1566	LIM-18-.375-CS	C-G	UT	IX	

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<u>PIPING WELDS</u>							
RHA 030	18" Pipe to Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 031	Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 032	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 033	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 034	18" Pipe to Flange	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 035	Flange to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 036	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 037	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHA 038	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 039	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 040	18" Pipe to Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 041	Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 042	18" Pipe to Valve HV-C-1F048A	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 043	Valve HV-C-1F048A to Pipe	80A1565	LIM-18-.375-CS	C-F	UT	IX	
RHA 044	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 045	Elbow to Tee	80A1567	LIM-18-.375-CS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RHA 046	Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 047	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHA 048	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHA 049	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHA 050	18' Elbow to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	X	
RHA 051	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHA 052	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHA 053	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RHA 054	18" Pipe to Valve 1F031A	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHA 055	Valve 1F031A to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	XI	Elbow Side
RHA 056	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHA 057	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHA 058	Elbow to Pump 1AP202 Flange	80A1567	LIM-18-.375-CS	C-F	UT	XI	Elbow Side
RHA 059	Pump 1AP202 Flange to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHA 060	30" Pipe to Flange	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHA 061	Flange to Elbow	80A1567	LIM-SP-515	C-F	UT	XI	



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<u>PIPING WELDS</u>							
RHA 061LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHA 062	Elbow to Flange	80A1567	LIM-SP-515	C-F	UT	XI	
RHR 062LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHA 063	Flange to Elbow	80A1567	LIM-SP-515	C-F	UT	XI	
RHA 063LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHA 064LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHA 064	Elbow to 30" x 24" Reducer	80A1567	LIM-SP-515	C-F	UT	XI	



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<u>PIPING WELDS</u>							
RHA 064LU	Reducer Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHA 065	30" x 24" Reducer to Pipe	80A1566	LIM-30-.375-CS	C-F	UT	XI	
RHA 065LD	Reducer Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHA 066	24" Pipe to 24" x 24" x 20" Tee	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHA 067	24" x 24" x 20" Tee to Elbow	80A1567	LIM-24-.375-CS	C-F	UT	XI	Elbow Side
RHA 068	Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHA 069	Pipe to Elbow	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHA 070	Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	



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<u>PIPING WELDS</u>							
RHA 071	24" Pipe to Elbow	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHA 072	Elbow to Pipe	80A1566	LIM-30-.375-CS	C-F	UT	XI	
RHA 073	24" Pipe to Elbow	80A1566	LIM-30-.375-CS	C-F	UT	XI	
RHA 074	Elbow to Valve HV-1F004A	80A1567	LIM-24-.375-CS	C-F	UT	XI	Elbow Side
RHA 074A	Valve HV-1F004A to Flued Head (X-203A)	80A1567	LIM-SP-105	C-F	UT	XI	
RHA 093	Valve HV-1F015A to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 094	12" Pipe to 18" x 12" Reducer	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 095	18" x 12" Reducer to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHA 096	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 097	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 098	18" Pipe to Sweepolet	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 099	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 100	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 100A	18" Pipe to Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 101	Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 102	18" Pipe to Sweepolet	80A1566	LIM-18-.375-CS	C-F	UT	X	

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<u>PIPING WELDS</u>							
RHA 103	18" Pipe to Valve HV-1F003A	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHA 104	Valve HV-1F003A to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHA 105	18" Pipe to Sweepolet	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHA 106	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHA 107	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHA 108	18" Pipe to 20" x 18" Reducer	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHA 109	20"x18" Reducer to HX 1AE205	80A1567	LIM-20-.500-CS	C-F	UT	XI	Reducer Side
RHA 110	HX 1AE205 to Elbow	80A1567	LIM-20-.500-CS	C-F	UT	X	Reducer Side

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RHA 111	Elbow to 20" x 18" Reducer	80A1567	LIM-20-1.031-CS	C-F	UT	X	
RHA 112	20" x 18" Reducer to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	X	
RHA 113	Elbow to 18" x 18" x 14" Tee	80A1567	LIM-18-.375-CS	C-F	UT	X	
RHA 114	18" x 18" x 14" Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHA 115	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHA 116	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHA 117	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 118	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RHA 126	Valve HV-1F047A to Tee	80A1567	LIM-18-.375-CS	C-F	UT	IX	Tee Side
RHA 127	Sweepolet to Pipe	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHA 128	8" Pipe to Elbow	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHA 129	Elbow to Pipe	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHA 130	8" Pipe to Elbow	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHA 131	Elbow to Pipe	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHA 132	8" Pipe to Elbow	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHA 133	Elbow to Valve HV-C-103A	80A1567	LIM-8-.322-CS	C-F	UT	X	Elbow Side

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RHA 134	Valve HV-C-103A to Pipe	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHA 135	8" Pipe to Elbow	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHA 136	Elbow to Elbow	80A1567	LIM-8-.322-CS	C-F	UT	X	
RHA 137	Elbow to Pipe	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHA 138	8" Pipe to Elbow	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHA 139	Elbow to Pipe	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHA 140	8" Pipe to Sweeplet	80A1566	LIM-8-.322-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RHA 119	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 120	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 121A	18" Pipe to 18"x6" Sweepolet	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 122A	18"x6" Sweepolet to 6" Pipe	80A1566	LIM-6-.567-CS	C-F	UT	IX	
RHA 123A	6" Pipe to Valve PSV 1F055A	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 123B	18" Pipe to 18" Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 123C	18" Tee to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 124	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHA 125	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 125A	18" Pipe to Valve HV-1F047A	80A1566	LIM-18-.375-CS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RHB 001	12" Pipe to Elbow	80A1566	LIM-12-.688 -SS316	B-J	UT	II	
RHB 001LD	Pipe Seam	80A1566	LIM-12-.688 -SS316	B-J	UT	II	Full Length
RHB 001LU	Elbow Seam	80A1567	LIM-12-.688 -SS316	B-J	UT	II	
RHB 002	12" Elbow to Valve 1F065B	80A1567	LIM-12-.688 -SS316	B-J	UT	II	
RHB 002LD	Elbow Seam	80A1567	LIM-12-.688 -SS316	B-J	UT	II	Full Length
RHB 003	Valve 1F065B to Pipe	80A1566	LIM-12-.688 -SS316	B-J	UT	II	
RHB 003LU	Pipe Seam	80A1566	LIM-12-.688 -SS316	B-J	UT	II	
RHB 004LD	Pipe Seam	80A1566	LIM-12-.688 -SS316	B-J	UT	II	

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<u>PIPING WELDS</u>							
RHB 004	12" Pipe to Elbow	80A1566	LIM-12-.688 -SS316	B-J	UT	II	
RHB 004LU	Elbow Seam	80A1567	LIM-12-.688 -SS316	B-J	UT	II	Full Length
RHB 005	Elbow to 12" Pipe	80A1566	LIM-12-.688 -SS316	B-J	UT	II	
RHB 005LD	Elbow Seam	80A1567	LIM-12-.688 -SS316	B-J	UT	II	
RHB 005LU	12" Pipe Seam	80A1566	LIM-12-.688 SS316	B-J	UT	II	
RHB 005A	Pipe to Pipe	80A1566	LIM-12-.688 -SS316, LIM-12-	B-F	UT	II	△ 4
RHB 005ALD	Pipe Seam	80A1562 80A1566	.688-CS LIM-12-.688 -SS316	B-J	PT UT	II	
RHB 006	12" Pipe to Valve HV-1F041B	80A1566	LIM-12-.688 CS	B-J	UT	II	



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<u>PIPING WELDS</u>							
RHB 007	Valve HV1F041B to Pipe	80A1566	LIM-12-.688 CS	B-J	UT	II	
RHB 008	12" Pipe to Elbow	80A1566	LIM-12-.688 CS	B-J	UT	II	
RHB 009	Elbow to Pipe	80A1566	LIM-12-.688 CS	B-J	UT	II	
RHB 010	12" Pipe to Elbow	80A1566	LIM-12-.688 CS	B-J	UT	II	
RHB 011	Elbow to Pipe	80A1566	LIM-12-.688 CS	B-J	UT	II	
RHB 012	12" Pipe to Flued Head (X-45B)	80A1566	LIM-12-.688 CS	B-J	UT	II	
RHB 013	12" Flued Head to Valve HV-1F017B	80A1567	LIM-SP-182 -316	B-J	UT	VII	
RHB 068	28"x28"x12" Tee to Pipe	80A1566	LIM-12- .843-SS316	B-J	UT	IV	



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<u>PIPING WELDS</u>							
RHB 068LU	Pipe Seam	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHB 069	12" Pipe to Valve 1F060B	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHB 069LD	Pipe Seam	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHB 070	Valve 1F060B to Pipe	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHB 070LU	Pipe Seam	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHB 071	12" Pipe to Valve HV-1F050B	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHB 071LD	Pipe Seam	80A1566	LIM-12-.843-SS316	B-J	UT	IV	
RHB 072	Valve HV-1F050B to Pipe	80A1566	LIM-12-.688-SS	B-J	UT	IV	

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<u>PIPING WELDS</u>							
RHB 072A	Pipe to Pipe	80A1566	LIM-12 .688-SS	B-J	UT	IV	
RHB 073	12" Pipe to Elbow	80A1566	LIM-12- .688-SS	B-J	UT	IV	
RHB 074	Elbow to Pipe	80A1566	LIM-12- .688-SS	B-J	UT	IV	
RHB 075	12" Pipe to Elbow	80A1566	LIM-12- .688-SS	B-J	UT	IV	
RHB 076	Elbow to Pipe	80A1566	LIM-12- .688-SS	B-J	UT	IV	
RHB 077	12" Pipe to Pipe	80A1566	LIM-12- .688-SS	B-J	UT	IV	
RHB 078	12" Pipe to Pipe	80A1566	LIM-12- .688-SS	B-J	UT	IV	
RHB 079	12" Pipe to Elbow	80A1566	LIM-12- .688-SS	B-F	UT	IV	

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<u>PIPING WELDS</u>							
RHB 080	Elbow to Pipe	80A1566	LIM-12 .688-SS	B-F	UT	IV	
RHB 081	12" Pipe to Flued Head (X-13B)	80A1566	LIM-12- .688-SS	B-J	UT	IV	
RHB 082	Flued Head (X-13B) to Valve HV-1F015B	80A1567	LIM-SP-182 -316	B-J	UT	iV	

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<u>PIPING WELDS</u>							
RHB 014	Valve HV-1F017B to Pipe	80A1566	LIM-12-.688-SS	C-F	UT	VII	
RHB 015	12" Pipe to Elbow	80A1566	LIM-12-.688-SS	C-F	UT	VII	
RHB 016	Elbow to 18" x 12" Reducer	80A1567	LIM-12-.375-CS	C-F	UT	VII	
RHB 017	18" x 12" Reducer to Pipe	80A1566	LIM-18.375-CS	C-F	UT	VII	
RHB 018	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHB 019	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHB 020	18" Pipe to Tee	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHB 021	Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	

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<u>PIPING WELDS</u>							
RHB 022	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 023	Elbow to Tee	80A1567	LIM-18-.375-CS	C-F	UT	IX	
RHB 024	Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 025	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 026	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 027	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 132A	Flued Head (X-39B) to Valve HV-1F021B	80A1567	LIM-SP-105	C-F	UT	VII	
RHB 133	Valve HV-1F021B to Elbow	80A1567	LIM-16-.375-CS	C-F	UT	VII	Elbow Side



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<u>PIPING WELDS</u>							
RHB 134	Elbow to Tee	80A1567	LIM-16-.375-CS	C-F	UT	VII	
RHB 135	Tee to Flange	80A1567	LIM-16-.375-CS	C-F	UT	VI	Tee Side
RHB 136	Tee to Valve HV-1F016B	80A1567	LIM-16-.375-CS	C-F	UT	VII	
RHB 137	Valve HV-1F016B to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHB 138	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHB 139	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHB 140	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHB 141	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VII	

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<u>PIPING WELDS</u>							
RHB 142	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHB 143	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHB 144	16" Pipe to 18" x 16" Reducer	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHB 145	18" x 16" Reducer to 18" x 18" x 16" Tee	80A1567	LIM-18-.375-CS	C-F	UT	VII	
RHB 146	18" x 18" x 16" Tee to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHB 147	16" Pipe to Valve 1023	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RHB 148	18" x 18" x 16" Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VII	
RHB 149	18" Pipe to Tee	80A1566	LIM-18-.375-CS	C-F	UT	VII	

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<u>PIPING WELDS</u>							
RHB 149R	Flued Head (X-205B) to Valve HV-1F027B	80A1567	LIM-SP-105	C-F	UT	VIII	
RHB 150R	Valve HV-1F027B to Elbow	80A1567	LIM-6-.280-CS	C-F	UT	VIII	Elbow Side
RHB 151	Elbow to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	VIII	
RHB 152	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	VIII	
RHB 153	Elbow to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	VIII	
RHB 154	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	VIII	
RHB 155	Elbow to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	VIII	
RHB 156	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	VIII	



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<u>PIPING WELDS</u>							
RHB 157	Elbow to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	VIII	
RHB 158	6" Pipe to Sweepolet	80A1566	LIM-6-.280-CS	C-F	UT	VIII	
RHB 159	Sweepolet to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHB 160	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHB 161	Elbow to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	VIII	
RHB 162	Elbow to Valve HV-1F024B	80A1567	LIM-18-.375-CS	C-F	UT	VIII	Elbow Side
RHB 163	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHB 164	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	



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<u>PIPING WELDS</u>							
RHB 165	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHB 166	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHB 167	18" Pipe to Tee	80A1566	LIM-18-.375-CS	C-F	UT	VIII	

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<u>PIPING WELDS</u>							
RHB 028	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 029	18" Pipe to Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 030	Tee to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	IX	
RHB 031	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 032	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 033	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 034	18" Pipe to Flange	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 035	Flange to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHB 036	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 037	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 038	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 039	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 040	18" Pipe to Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 041	Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 042	18" Pipe to Valve HV-1F048B	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 043	Valve HV-1F048B to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RHB 044	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 045	Elbow to Tee	80A1567	LIM-18-.375-CS	C-F	UT	IX	
RHB 046	Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 047	18" Pipe to Valve 1F031B	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHB 048	Valve 1F031B to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	XI	Elbow Side
RHB 049	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHB 050	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHB 051	Elbow to Flange	80A1567	LIM-18-.375-CS	C-F	UT	XI	Elbow Side

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<u>PIPING WELDS</u>							
RHB 052	Flange to Pipe	80A1566	LIM-30-.375-CS	C-F	UT	XI	
RHB 053	30" Pipe to Flange	80A1566	LIM-30-.375-CS	C-F	UT	XI	
RHB 054	Flange to Elbow	80A1567	LIM-SP-515	C-F	UT	XI	
RHB 054LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHB 055	Elbow to Flange	80A1567	LIM-SP-515	C-F	UT	XI	
RHB 055LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHB 056	Flange to Elbow	80A1567	LIM-SP-515	C-F	UT	IX	
RHB 056LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RHB 057	Elbow to 30" x 24" Reducer	80A1567	LIM-SP-515	C-F	UT	IX	
RHB 057LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	IX	
RHB 057LU	Reducer Seam	80A1567	LIM-SP-515	C-F	UT	IX	
RHB 058	30" x 24" Reducer to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHB 058LD	Reducer Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHB 059	24" Pipe to 24" x 24" x 20" Tee	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHB 060	24" x 24" x 20" Tee to Elbow	80A1567	LIM-24-.375-CS	C-F	UT	XI	
RHB 061	Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	



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<u>PIPING WELDS</u>							
RHB 062	24" Pipe to Elbow	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHB 063	Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHB 064	24" Pipe to Elbow	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHB 065	Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHB 066	24" Pipe to Elbow	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHB 067	Elbow to Valve HV-1F004B	80A1567	LIM-24-.375-CS	C-F	UT	XI	Elbow Side
RHB 067A	Valve HV-1F004B to Flued Head (X203-B)	80A1567	LIM-SP-105	C-F	UT	XI	
RHB 083	12" Valve HV-1F015B to Pipe	80A1566	LIM-12-.688-SS	C-F	UT	IV	



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<u>PIPING WELDS</u>							
RHB 084	12" Pipe to 18" x 12" Reducer	80A1566	LIM-12-.688-SS	C-F	UT	IX	
RHB 085	18" x 12" Reducer to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 086	18" Pipe to Elbow	80A1566	LIM-18.375-CS	C-F	UT	IX	
RHB 087	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 089	18" Pipe to Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 090	Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 091	18" Pipe to Tee	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHB 092	Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RHB 093	18" Pipe to Sweepolet	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHB 094	18" Pipe to Valve HV-1F003B	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHB 095	Valve HV-1F003B to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHB 096	18" Pipe to Sweepolet	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHB 097	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHB 098	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHB 099	18" Pipe to 20" x 18" Reducer	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHB 100	20" x 18" Reducer to HX 1BE205	80A1567	LIM-20-.500-CS	C-F	UT	XI	Reducer Side



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<u>PIPING WELDS</u>							
RHB 101	HX 1BE205 to Elbow	80A1567	LIM-20-1.031-CS	C-F	UT	X	Elbow Side
RHB 102	Elbow to 20" x 18" Reducer	80A1567	LIM-20-1.031-CS	C-F	UT	X	
RHB 103	20" x 18" Reducer to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	X	
RHB 104	Elbow to 18" x 18" x 14" Tee	80A1567	LIM-18-.375-CS	C-F	UT	X	
RHB 105	18" x 18" x 14" Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHB 106	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHB 107	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	

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<u>PIPING WELDS</u>							
RHB 117	Valve HV-1F047B to Tee	80A1567	LIM-18-.375-CS	C-F	UT	X	Tee Side
RHB 118	Sweepolet to Pipe	80A1566	LIM-8.322-CS	C-F	UT	X	
RHB 119	8" Pipe to Elbow	80A1566	LIM-8.322-CS	C-F	UT	X	
RHB 120	Elbow to Pipe	80A1566	LIM-8.322-CS	C-F	UT	X	
RHB 121	8" Pipe to Elbow	80A1566	LIM-18.322-CS	C-F	UT	X	
RHB 122	Elbow to Pipe	80A1566	LIM-8.322-CS	C-F	UT	X	
RHB 123	8" Pipe to Elbow	80A1566	LIM-8.322-CS	C-F	UT	X	
RHB 124	Elbow to Valve HV-C-103B	80A1567	LIM-8.322-CS	C-F	UT	X	Elbow Side



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<u>PIPING WELDS</u>							
RHB 125	Valve HV-C-103B to Pipe	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHB 126	8" Pipe to Elbow	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHB 127	Elbow to Pipe	80A1566	LIM-8-.322-CS	C-F	UT	X	
RHB 128	8" Pipe to Elbow	80A1566	LIM-8-.322-CS	C-F	UT	XI	
RHB 129	Elbow to Pipe	80A1566	LIM-8-.322-CS	C-F	UT	XI	
RHB 130	8" Pipe to Elbow	80A1566	LIM-8-.322-CS	C-F	UT	XI	
RHB 131	Elbow to Pipe	80A1566	LIM-8-.322-CS	C-F	UT	XI	
RHB 132	8" Pipe to Sweepolet	80A1566	LIM-8-.322-CS	C-F	UT	XI	



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<u>PIPING WELDS</u>							
RHB 108	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	△ 4
RHB 109	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	△ 4
RHB 110	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	△ 4
RHB 111	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	△ 4
RHB 112A	18" Pipe to 18"x6" Sweepolet	80A1566	LIM-18-.375-CS	C-F	UT	IX	△ 4
RHB 113A	18"x6" Sweepolet to 6" Pipe	80A1566	LIM-6-.562-CS	C-F	UT	IX	△ 4
RHB 114A	6" Pipe to Valve PSV-1F055A	80A1566	LIM-6-.280-CS	C-F	UT	IX	△ 4
RHB 114B	18" Pipe to 18" Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	△ 4

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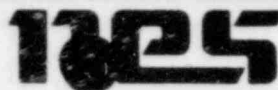
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<u>PIPING WELDS</u>							
RHB 114C	18" Tee to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHB 115	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHB 115A	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHB 116	Pipe to Valve HV-1F047B	80A1566	LIM-18-.375-CS	C-F	UT	X	

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<u>PIPING WELDS</u>							
RHC 001	12" Pipe to Elbow	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHC 001LD	12" Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	Full Length
RHC 001LU	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHC 002	Elbow to Valve 1F065C	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHC 002LD	12" Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHC 003	Valve 1F065C to Pipe	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHC 003LU	12" Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHC 004LD	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	

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<u>PIPING WELDS</u>							
RHC 004	12" Pipe to Elbow	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHC 004LU	12" Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHC 005	Elbow to 12" Pipe	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHC 005LD	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHC 005LU	12" Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHC 005A	12" Pipe to Pipe	80A1567	LIM-12-.688-SS316, LIM	B-F	UT	II	
		80A1562	-12-.688-CS		PT		
RHC 005ALD	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHC 006	12" Pipe to Valve HV-1F041C	80A1566	LIM-12-.688-CS	B-J	UT	II	



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<u>PIPING WELDS</u>							
RHC 007	Valve HV-1F041C to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHC 007A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHC 008	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHC 009	Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHC 010	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHC 011	Elbow to Pipe	80A1566	LIM-12-.688-CS	B-F	UT	II	
RHC 012	12" Pipe to Flued Head (X45-C)	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHC 013	Flued Head (X45-C) to Valve HV-1F017C	80A1567	LIM-SP-182 316	C-F	UT	III	



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<u>PIPING WELDS</u>							
RHC 014	Valve HV-1F017C to Pipe	80A1566	LIM-i2-.688-CS	C-F	UT	VII	
RHC 015	12" Pipe to Elbow	80A1566	LIM-12-.375-CS	C-F	UT	VII	
RHC 016	Elbow to 18" x 12" Reducer	80A1567	LIM-12-.375-CS	C-F	UT	VII	
RHC 017R	18" x 12" Reducer to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VII	
RHC 018R	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHC 019	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHC 020	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHC 021	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	



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<u>PIPING WELDS</u>							
RHC 022	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 023	Elbow to 18" x 18" x 18" Tee	80A1567	LIM-18-.375-CS	C-F	UT	IX	
RHC 024	18" x 18" x 18" Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 025	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 026	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 027	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 028	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 029	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RHC 030	Elbow to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	IX	
RHC 031	Elbow to Valve HV-1F010A	80A1567	LIM-18-.375-CS	C-F	UT	IX	Elbow Side
RHC 032	18" x 18" x 18" Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 033	18" Pipe to Flange	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 034	Flange to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 035	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 036	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 037	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHC 038	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 039	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 040	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 040A	18" Pipe to 18" Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 040B	18" Tee to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 041	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 042	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHC 043	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RHC 044	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHC 045	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHC 046	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHC 047	18" Pipe to Valve 1F031C	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHC 048	Valve 1F031C to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	XI	Elbow Side
RHC 049	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHC 050	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHC 051	Elbo / to Flange	80A1567	LIM-18-.375-CS	C-F	UT	XI	Elbow Side



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<u>PIPING WELDS</u>							
RHC 052	Flange to Pipe	80A1566	LIM-30-.375-CS	C-F	UT	XI	
RHC 052LU	Pipe Seam	80A1566	LIM-30-.375-CS	C-F	UT	XI	△ 4
RHC 053	30" Pipe to Flange	80A1566	LIM-30-.375-CS	C-F	UT	XI	
RHC 053LD	Pipe Seam	80A1566	LIM-30-.375-CS	C-F	UT	XI	△ 4
RHC 054	Flange to Elbow	80A1567	LIM-SP-515	C-F	UT	XI	Elbow Side
RHC 054LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHC 055	Elbow to Flange	80A1567	LIM-SP-515	C-F	UT	XI	Elbow Side
RHC 055LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHC 056	Flange to Elbow	80A1567	LIM-SP-515	C-F	UT	XI	Elbow Side
RHC 056LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	

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<u>PIPING WELDS</u>							
RHC 057	Elbow to 30" x 24" Reducer	80A1567	LIM-SP-515	C-F	UT	XI	
RHC 057LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHC 057LU	Reducer Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHC 058	30" x 24" Reducer to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHC 058LD	Reducer Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHC 059	24" Pipe to 2 1/2" x 24" x 20" Tee	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHC 060	24" x 24" x 20" Tee to Elbow	80A1567	LIM-24-.375-CS	C-F	UT	XI	
RHC 061	Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	



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<u>PIPING WELDS</u>							
RHC 062	24" Pipe to Elbow	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHC 063	Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHC 064	24" Pipe to Elbow	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHC 065	Elbow to Valve HV-1F004C	80A1567	LIM-24-.375-CS	C-F	UT	XI	Elbow Side
RHC 065A	Valve HV-1F004C to Flued Head (X-203C)	80A1567	LIM-SP-105	C-F	UT	XI	

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<u>PIPING WELDS</u>							
RHD 001	12" Pipe to Elbow	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHD 001LD	12" Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	Full Length
RHD 001LU	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHD 002	12" Elbow to Valve 1F065D	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHD 002LD	12" Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHD 003	12" Valve 1F065D to Pipe	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHD 003LU	12" Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHD 004	12" Pipe to Elbow	80A1566	LIM-12-.688-SS316	B-J	UT	II	



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<u>PIPING WELDS</u>							
RHD 004LD	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHD 004LU	12" Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHD 005	12" Elbow to 12" Pipe	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHD 005LD	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
RHD 005LU	12" Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
RHD 005A	12" Pipe to Pipe	80A1566 80A1562	LIM-12-.688-SS316, LIM-12-.688-CS	B-F	UT PT	II	
RHD 005ALD	Pipe Seam	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHD 006	12" Pipe to Valve HV-1F041D	80A1566	LIM-12-.688-CS	B-J	UT	II	



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<u>PIPING WELDS</u>							
RHD 007	Valve HV-1F041D to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHD 007A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHD 008	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHD 009	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHD 010	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHD 011	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-F	UT	II	
RHD 012	12" Pipe to Flued Head (X-45D)	80A1566	LIM-12-.688-CS	B-J	UT	II	
RHD 013	Flued Head to Valve HV-1F017D	80A1567	LIM-SP-182 316	B-J	UT	VII	



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<u>PIPING WELDS</u>							
RHD 014R	Valve HV-1F017D to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	VII	
RHD 015R	12" Pipe to Elbow	80A1566	LIM-12-.375-CS	C-F	UT	VII	
RHD 016	Elbow to 18" x 12" Reducer	80A1567	LIM-12-.375-CS	C-F	UT	VII	Reducer Side
RHD 017	18" x 12" Reducer to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VII	
RHD 018	12" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHD 019	Elbow to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	VIII	
RHD 020	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHD 021	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	VIII	

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<u>PIPING WELDS</u>							
RHD 022	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	VIII	
RHD 023	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 024	Elbow to Tee	80A1567	LIM-18-.375-CS	C-F	UT	IX	
RHD 025	Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 026	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 027	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 028	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 029	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RHD 030	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 031	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 032	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 033	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 034	18" Pipe to Valve HV-1F010B	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 035	Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 036	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 037	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHD 038	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 039	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 040	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 041	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 042	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 043	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 044	18" Pipe to Flange	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 045	Flange to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHD 046	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 047	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 047A	18" Pipe to 18" Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 047B	18" Tee to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 048	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 049	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHD 050	Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	

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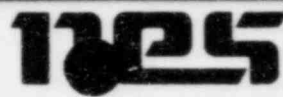
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<u>PIPING WELDS</u>							
RHD 051	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHD 052	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHD 053	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RHD 054	18" Pipe to Valve 1F031D	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHD 055	Valve 1F031D to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	XI	Elbow Side
RHD 056	Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHD 057	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	XI	
RHD 058	Elbow to Flange	80A1567	LIM-18-.375-CS	C-F	UT	XI	

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<u>PIPING WELDS</u>							
RHD 059	Flange to Pipe	80A1566	LIM-30-.375-CS	C-F	UT	XI	
RHD 060	30" Pipe to Flange	80A1566	LIM-30-.375-CS	C-F	UT	XI	
RHD 061	Flange to Elbow	80A1567	LIM-SP-515	C-F	UT	XI	
RHD 061LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHD 062	Elbow to Flange	80A1567	LIM-SP-515	C-F	UT	XI	
RHD 062LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHD 063	Flange to Elbow	80A1567	LIM-SP-515	C-F	UT	XI	
RHD 063LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	

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<u>PIPING WELDS</u>							
RHD 064	Elbow to 30" x 24" Reducer	80A1567	LIM-SP-515	C-F	UT	XI	
RHD 064LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHD 064LU	Reducer Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHD 065	30" x 24" Reducer to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHD 065LD	Reducer Seam	80A1567	LIM-SP-515	C-F	UT	XI	
RHD 066	24" Pipe to 24" x 24" x 20" Tee	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHD 067	24" x 24" x 20" Tee to Elbow	80A1567	LIM-24-.375-CS	C-F	UT	XI	
RHD 068	Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	

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<u>PIPING WELDS</u>							
RHD 069	24" Pipe to Elbow	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHD 070	Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHD 071	24" Pipe to Elbow	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHD 071A	24" Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHD 072	24" Pipe to Valve HV-1F004D	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RHD 072A	Valve HV-1F004D to Flued Head (X-203D)	80A1567	LIM-SP-105	C-F	UT	XI	



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<u>PIPING WELDS</u>							
RH 001A	28" x 28" x 20" Tee to Pipe	80A1566	LIM-20-.903-SS316	B-J	UT	IV	
RH 001ALD	Pipe Seam	80A1566	LIM-20-.903-SS316	B-J	UT	IV	
RH 001LU	Pipe Seam	80A1566	LIM-20-.903-SS316	B-J	UT	IV	
RH 001	20" Pipe to Elbow	80A1566	LIM-20-.903-SS316	B-J	UT	IV	
RH 001LD	Elbow Seam	80A1567	LIM-SP-204	B-J	UT	IV	
RH 002LU	Elbow Seam	80A1567	LIM-SP-204	B-J	UT	IV	
RH 002	20" Elbow to Pipe	80A1566	LIM-20-.903-SS316	B-J	UT	IV	
RH 002LD	Pipe Seam	80A1566	LIM-20-.903-SS316	B-J	UT	IV	Full Length

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<u>PIPING WELDS</u>							
RH 003	20" Pipe to Sweepolet	80A1562	N/A	B-J	PT	IV	
RH 003LD	Sweepolet Seam	80A1567	LIM-20-.903-SS316	B-J	UT	IV	Full Length
RH 004	20" Pipe to Valve 1F077	80A1566	LIM-20-.903-SS316	B-J	UT	IV	
RH 004LU	Pipe Seam	80A1566	LIM-20-.903-SS316	B-J	UT	IV	
RH 005	Valve 1F077 to Elbow	80A1567	LIM-20-.903-SS316	B-J	UT	IV	
RH 005LD	Elbow Seam	80A1567	LIM-20-.903-SS316	B-J	UT	IV	
RH 006LU	Elbow Seam	80A1567	LIM-20-.903-SS316	B-J	UT	IV	
RH 006	Elbow to Pipe	80A1567	LIM-20-.903-SS316	B-J	UT	IV	

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<u>PIPING WELDS</u>							
RH 006LD	Pipe Seam	80A1566	LIM-20-.903-SS316	B-J	UT	IV	
RH 007	20" Pipe to Valve HV-1F009	80A1566	LIM-20-.903-SS316	B-J	UT	IV	
RH 007LU	Pipe Seam	80A1566	LIM-20-.903-SS316	B-J	UT	IV	
RH 008	Valve HV-1F009 to Pipe	80A1566	LIM-20-.733-SS	B-J	UT	IV	
RH 009	20" Pipe to Elbow	80A1566	LIM-20-.733-SS	B-J	UT	V	
RH 010	Elbow to Pipe	80A1566	LIM-20-.733-SS	B-J	UT	V	
RH 011	20" Pipe to Elbow	80A1566	LIM-20-.733-SS	B-J	UT	V	
RH 012	Elbow to Pipe	80A1566	LIM-20-.733-SS	B-J	UT	V	

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<u>PIPING WELDS</u>							
RH 013	20" Pipe to Pipe	80A1566	LIM-20-.733-SS	B-J	UT	V	
RH 014	20" Pipe to Flued Head (X-12)	80A1566	LIM-20-.733-SS	B-J	UT	V	
RH 015	Flued Head (X-12) to Valve HV-1F008	80A1567	LIM-SP-182 316	B-J	UT	IX	

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<u>PIPING WELDS</u>							
RH 016A	Valve HV-1F008 to Elbow	80A1567	LIM-20-.733 SS	C-F	UT	IX	
RH 016B	20" Pipe to Elbow	80A1566	LIM-20-.733 SS	C-F	UT	IX	
RH 017	Elbow to Pipe (bimetallic)	80A1567 80A1566	LIM-20-.733 -SS, LIM-20-.375-CS	C-F	UT	IX	
RH 018	20" Pipe to 24" x 20" Reducer	80A1566	LIM-20-.375-CS	C-F	UT	IX	
RH 019	24" x 20" Reducer to 24" x 24" x 16" Tee	80A1567	LIM-24-.375-CS	C-F	UT	IX	
RH 020	24" x 24" x 16" Tee to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	IX	
RH 021	24" Pipe to Elbow	80A1566	LIM-24-.375-CS	C-F	UT	X	
RH 022	Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RH 023	24" Pipe to Elbow	80A1566	LIM-24-.375-CS	C-F	UT	X	
RH 024	24" Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	X	
RH 073	24" x 24" x 16" Tee to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	IX	△ 4
RH 074	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	IX	△ 4
RH 075	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	IX	△ 4
RH 076	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	IX	△ 4
RH 077	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	IX	△ 4
RH 078	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	IX	△ 4



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<u>PIPING WELDS</u>							
RH 079	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	IX	
RH 080	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	IX	
RH 081	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	IX	
RH 082	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RH 083	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RH 084	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RH 085	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RH 086	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	VIII	

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<u>PIPING WELDS</u>							
RH 087	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	VIII	
RH 088	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	VII	
RH 089	Elbow to Valve 1007	80A1567	LIM-16-.375-CS	C-F	UT	VII	Elbow Side

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<u>PIPING WELDS</u>							
RH 025	24" Pipe to Elbow	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RH 026	Elbow to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RH 027	24" Pipe to Tee	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RH 028	24" Tee to 24" x 24" x 20" Tee	80A1567	LIM-24-.375-CS	C-F	UT	XI	
RH 029	24" x 24" x 20" Tee to 24" x 20" Reducer	80A1567	LIM-24-.375-CS	C-F	UT	XI	
RH 030	24" x 20" Reducer to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 031	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 032	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	

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<u>PIPING WELDS</u>							
RH 033	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 034	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 035	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 036	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 037	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 038	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 039	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 040	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	



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<u>PIPING WELDS</u>							
RH 041	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 042	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 043	20" Pipe to Valve HV-1F006B	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 044	Valve HV-1F006B to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 044A	20" Pipe to Tee	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 045	24" x 24" x 20" Tee to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 046	20" Pipe to Valve 1F067B	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 047	Valve 1F067B to Elbow	80A1567	LIM-20-.375-CS	C-F	UT	XI	



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<u>PIPING WELDS</u>							
RH 048	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 049	20" Pipe to Tee	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 050	Tee to Pipe	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RH 051	24" Pipe to 24" x 24" x 20" Tee	80A1566	LIM-24-.375-CS	C-F	UT	XI	
RH 052 4" x 2	24" x 24" x 20" Tee to 20" Reducer	80A1567	LIM-24-.375-CS	C-F	UT	XI	
RH 053	24" x 20" Reducer to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 054	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 055	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	

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<u>PIPING WELDS</u>							
RH 056	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 057	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 058	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 059	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 060	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 061	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 062	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 063	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	

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<u>PIPING WELDS</u>							
RH 064	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 065	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 066	20" Pipe to Valve HV-1F006A	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 067	Valve HV-1F006A to Tee	80A1567	LIM-20-.375-CS	C-F	UT	XI	Tee Side
RH 068	24" x 24" x 20" Tee to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 069	20" Pipe to Valve 1F067A	80A1566	LIM-20-.375-CS	C-F	UT	XI	
RH 070	Valve 1F067A to Elbow	80A1567	LIM-20-.375-CS	C-F	UT	XI	
RH 071	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	



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<u>PIPING WELDS</u>							
RH 072	20" Pipe to Tee	80A1566	LIM-20- .375-CS	C-F	UT	XI	



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<u>PIPING WELDS</u>							
RH 090	12" x 12" x 10" Tee to 10" Tee	80A1567	LIM-10-.593-CS	C-F	UT	IX	
RH 091	10" Tee to 10" Pipe	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 092	10" Pipe to Valve HV-1F052A	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 093	Valve HV-1F052A to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 094	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 095	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 096	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 097	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RH 098	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 099	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 100	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 101	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 102	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 103	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 104	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 105	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RH 106	10" Pipe to 10" x 10" x 8" Tee	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 107A	10" x 10" x 8" Tee to 10" x 6" Reducer	80A1567	LIM-10-.593-CS	C-F	UT	IX	Reducer Side
RH 107B	10" x 6" Reducer to 6" Pipe	80A1566	LIM-6-.432-CS	C-F	UT	X	
RH108A	6" Pipe to Valve PV-C-1F051A	80A1566	LIM-6-.432-CS	C-F	UT	X	
RH 109	Valve PV-C-1F051A to 14" x 6" Reducer	80A1567	LIM-8-.500-CS	C-F	UT	X	Reducer Side
RH 110	14" x 6" Reducer to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	X	
RH 111	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	X	
RH 112	Elbow to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	X	

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<u>PIPING WELDS</u>							
RH 113	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	X	
RH 114	Elbow to 14" x 14" x 10" Tee	80A1567	LIM-14-.375-CS	C-F	UT	X	
RH 115	14" x 14" x 10" Tee to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	X	
RH 116	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	X	
RH 117	Elbow to Tee	80A1567	LIM-14-.375-CS	C-F	UT	X	
RH 118	10" x 10" x 8" Tee to Pipe	80A1566	LIM-8-.375-CS	C-F	UT	X	
RH 119	8" Pipe to Elbow	80A1566	LIM-8-.375-CS	C-F	UT	X	
RH 120	Elbow to Pipe	80A1566	LIM-8-.375-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RH 121A	8" Pipe to 8" x 6" Reducer	80A1566	LIM-8-.375-CS	C-F	UT	X	
RH 122	8" x 6" Reducer to Valve HV-C154A	80A1567	LIM-6-.432-CS	C-F	UT	X	
RH 123	Valve HV-C-154A to 10" x 6" Reducer	80A1567	LIM-8-.500-CS	C-F	UT	X	Reducer Side
RH 124	10" x 6" Reducer to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	X	
RH 125	10" Pipe to Elbow	80A1566	LIM-10-.375-CS	C-F	UT	X	
RH 126	Elbow to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	X	
RH 127	10" Pipe to 14" x 14" x 10" Tee	80A1566	LIM-10-.365-CS	C-F	UT	X	
RH 128	10" Tee to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RH 129	10" Pipe to Valve HV-1F052B	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 130	Valve HV-1F052B to 10" Pipe	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 130A	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 131	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 132	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 133	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 134	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 135	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RH 136	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 137	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	IX	
RH 138	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 139	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 140	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 141	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 142	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 143	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RH 144	10" Pipe to 10" x 10" x 8" Tee	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 144A	10" x 10" x 8" Tee to 10" Pipe	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 145A	10" Pipe to 10" x 6" Reducer	80A1566	LIM-10-.593-CS	C-F	UT	X	
RH 146	10" x 6" Reducer to Valve PV-C-1F051B	80A1567	LIM-8-.500-CS	C-F	UT	X	Reducer Side
RH 147	Valve PV-C-1F051B to 14" x 6" Reducer	80A1567	LIM-8-.500-CS	C-F	UT	X	Reducer Side
RH 148	14" x 6" Reducer to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	X	
RH 149	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	X	
RH 150	Elbow to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	X	

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<u>PIPING WELDS</u>							
RH 151	Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	X	
RH 152	Elbow to 14" x 14" x 10" Tee	80A1567	LIM-14-.375-CS	C-F	UT	X	
RH 153	14" x 14" x 10" Tee to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	X	
RH 154	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	X	
RH 155	Elbow to Tee	80A1567	LIM-14-.375-CS	C-F	UT	X	
RH 156	10" x 10" x 8" Tee to Pipe	80A1566	LIM-8-.500-CS	C-F	UT	X	
RH 157	8" Pipe to Elbow	80A1566	LIM-8-.500-CS	C-F	UT	X	
RH 158	Elbow to 8" x 6" Reducer	80A1567	LIM-8-.500-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RH 159	8" x 6" Reducer to Valve HV-C-154B	80A1567	LIM-6-.432-CS	C-F	UT	X	Reducer Side
RH 160	Valve HV-C-154B to 10" x 6" Reducer	80A1567	LIM-6-.432-CS	C-F	UT	X	Reducer Side
RH 161	10" x 6" Reducer to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	X	
RH 162	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	X	
RH 163	Elbow to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	X	
RH 164	10" Pipe to 14" x 14" x 10" Tee	80A1566	LIM-10-.365-CS	C-F	UT	X	

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<u>PIPING WELDS</u>							
RHA 175	Flange to Elbow	80A1567	LIM-6-.432-SS316	B-J	UT	I	
RHA 176	Elbow to Pipe	80A1566	LIM-6-.432-SS316	B-J	UT	I	
RHA 177	6" Pipe to Valve 1F019	80A1566	LIM-6-.432-SS316	B-J	UT	I	
RHA 178	Valve 1F019 to Pipe	80A1566	LIM-6-.432-SS316	B-J	UT	I	
RHA 179	6" Pipe to Elbow	80A1566	LIM-6-.432-SS316	B-J	UT	I	
RHA 180	Elbow to Pipe	80A1566	LIM-6-.432-SS316	B-J	UT	I	
RHA 181	6" Pipe to Pipe	80A1566	LIM-6-.432-SS316	B-J	UT	I	
RHA 182	6" Pipe to Elbow	80A1566	LIM-6-.432-SS316	B-J	UT	I	



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<u>PIPING WELDS</u>							
RHA 183	Elbow to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 184	6" Pipe to Elbow	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 185	Elbow to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 186	6" Pipe to Elbow	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 187	Elbow to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 188	6" Pipe to Elbow	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 188A	Elbow to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 189A	Pipe to Flange	80A1566	LIM-6- .432-SS316	B-J	UT	I	



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<u>PIPING WELDS</u>							
RHA 190	Containment Seal Piece to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 191	6" Pipe to Elbow	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 192	Elbow to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 193	6" Pipe to Elbow	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 194	Elbow to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 195	6" Pipe to Elbow	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 196	Elbow to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	I	
RHA 197	6" Pipe to Valve HV-1F022	80A1566	LIM-6- .432-SS316	B-J	UT	I	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RHA 198	Valve HV-1F022 to Pipe	80A1566	LIM-6-.432-SS	B-J	UT	I	
RHA 199	6" Pipe to Elbow	80A1566	LIM-6-.432-SS	B-J	UT	I	
RHA 200	Elbow to Pipe	80A1566	LIM-6-.280-SS	B-J	UT	I	
RHA 201	6" Pipe to Elbow	80A1566	LIM-6-.280-SS	B-J	UT	I	
RHA 202	Elbow to Pipe	80A1566	LIM-6-.280-SS	B-J	UT	I	
RHA 203	6" Pipe to Pipe	80A1566	LIM-6-.280-SS	B-J	UT	II	
RHA 204	6" Pipe to Elbow	80A1566	LIM-6-.280-SS	B-J	UT	II	
RHA 205	Elbow to Pipe	80A1566	LIM-6-.280-SS	B-J	UT	II	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RHA 206	6" Pipe to Elbow	80A1566	LIM-6-.280-SS	B-J	UT	II	
RHA 207	Elbow to Pipe	80A1566	LIM-6-.280-SS	B-J	UT	II	
RHA 208	6" Pipe to Elbow	80A1566	LIM-6-.280-SS	B-J	UT	III	
RHA 209	Elbow to Pipe	80A1566	LIM-6-.280-SS	B-J	UT	III	
RHA 210	6" Pipe to Pipe	80A1566	LIM-6-.280-SS	B-J	UT	III	
RHA 211	6" Pipe to Elbow	80A1566	LIM-6-.280-SS	B-J	UT	III	
RHA 212	Elbow to Pipe	80A1566	LIM-6-.280-SS	B-J	UT	III	
RHA 213	6" Pipe to Pipe	80A1566	LIM-6-.280-SS	B-J	UT	IV	



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<u>PIPING WELDS</u>							
RHA 214	6" Pipe to Elbow	80A1566	LIM-6-.280-SS	B-J	UT	V	
RHA 215	Elbow to Pipe	80A1566	LIM-6-.280-SS	B-J	UT	V	
RHA 215A	Pipe to Pipe	80A1566	LIM-6-.280-SS	B-J	UT	V	
RHA 215B	Pipe to Pipe	80A1566	LIM-6-.280-SS	B-J	UT	V	
RHA 216	6" Pipe to Elbow	80A1566	LIM-6-.280-SS	B-J	UT	V	
RHA 217	Elbow to Flued Head (X-17)	80A1567	LIM-SP-182 316	B-J	UT	V	
RHA 218	Flued Head (X-17) to Valve HV-1F023	80A1567	LIM-SP-182 316	B-J	UT	IX	
RHA 219	Valve HV-1F023 to Pipe	80A1566	LIM-6-.280-SS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RHA 220	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 221	Elbow to 6"x6"x4" Tee	80A1567	LIM-6-.280-CS	C-F	UT	IX	
RHA 222	6"x6"x4" Tee to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 223	6" Pipe to Flange	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 224	Flange to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 225	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 226	Elbow to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RHA 227	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RHA 228	Elbow to Pipe	80A1566	LIM-6- .280-CS	C-F	UT	IX	
RHA 229	6" Pipe to 18" x 18" x 6" Tee	80A1566	LIM-6- .280-CS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RH 165	18" x 18" x 18" Tee to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	X	
RH 166	Elbow to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RH 167	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	X	
RH 168	Elbow to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RH 169	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	X	
RH 170	Elbow to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RH 171	18" Pipe to Valve 1F078	80A1566	LIM-18-.375-CS	C-F	UT	X	
RH 172	Valve 1F078 to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RH 173	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	X	
RH 174	Elbow to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	X	
RH 175	18" Pipe to Valve HV1F075	80A1566	LIM-18-.375-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RHA 230	Valve PSVIF055A to 10" Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHA 231	10" Pipe to 10" x 6" Sweepolet	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHA 232R	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHA 233R	Elbow to 10" Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHA 234	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHA 235	Elbow to 10" Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHA 236	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	X	
RHA 237	Elbow to 10" Pipe	80A1566	LIM-10-.365-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RHA 238	10" Pipe to Flued Head (X-239)	80A1566	LIM-10-.365-CS	C-F	UT	X	
RHA 238A	Flued Head (X-239) to 10" Elbow	80A1567	LIM-SP-105	C-F	UT	V	
RHA 238B	10" Elbow to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	V	



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<u>PIPING WELDS</u>							
RHB 168	Valve PSV1F055B to 10" Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHB 169	10" Pipe to 10" x 6" Sweepolet	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHB 170	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHB 171	Elbow to 10" Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHB 172	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHB 173	Elbow to 10" Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHB 174	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHB 175	Elbow to Elbow	80A1567	LIM-10-.365-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHB 176	Elbow to 10" Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHB 177	10" Pipe to Flued Head (X-238)	80A1566	LIM-10-.365-CS	C-F	UT	IX	
RHB 177A	Flued Head (X-238) to 10" Elbow	80A1567	LIM-SP-105	C-F	UT	V	
RHB177B	10" Elbow to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	V	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RH 176	Flued Head (X-225) to 8" x 6" Reducer	80A1567	LIM-6-.280-CS	C-F	UT	X	Reducer Side
RH 177	8" x 6" Reducer to Valve HV130	80A1567	LIM-6-.280-CS	C-F	UT	X	Reducer Side
RH 178	Valve HV130 to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	X	
RH 179	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	X	
RH 180	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	X	
RH 181	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	X	
RH 182	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	X	
RH 183	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RH 184	Elbow to 6" Pipe	80A1566	LIM-6- .280-CS	C-F	UT	X	
RH 185	6" Pipe to Valve HV131	80A1566	LIM-6- .280-CS	C-F	UT	IX	
RH 186	Valve HV131 to 6" Pipe	80A1566	LIM-6- .280-CS	C-F	UT	IX	
RH 187	6" Pipe to Elbow	80A1566	LIM-6- .280-CS	C-F	UT	IX	
RH 188	Elbow to 6" Pipe	80A1566	LIM-6- .280-CS	C-F	UT	IX	
RH 189	6" Pipe to Elbow	80A1566	LIM-6- .280-CS	C-F	UT	IX	
RH 190	Elbow to 6" Pipe	80A1566	LIM-6- .280-CS	C-F	UT	IX	
RH 191	6" Pipe to Elbow	80A1566	LIM-6- .280-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RH 192	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 193	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 194	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 195	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 196A	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 197A	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 198A	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 199	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RH 200A	Elbow to 6" Tee	80A1567	LIM-6-.280-CS	C-F	UT	IX	
RH 200B	6" Tee to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 200C	Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 201A	6" Elbow to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 202A	6" Pipe to Valve	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 203A	6" Elbow to Valve PSV-101-A	80A1567	LIM-6-.280-CS	C-F	UT	IX	Elbow Side
RH 204R	Valve PSV-101-A to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 205	6" Pipe to 10" x 6" Sweepolet	80A1566	LIM-6-.280-CS	C-F	UT	IX	

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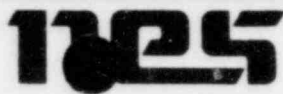
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<u>PIPING WELDS</u>							
RH 207R	6" Tee to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 208	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 209	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 210	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 211	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 212	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 213	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 214	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RH 215	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 216	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 217A	Elbow to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 218A	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 219A	6" Elbow to Valve PSV-101-B	80A1567	LIM-6-.280-CS	C-F	UT	IX	
RH 220A	Valve PSV-101-B to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	IX	
RH 221A	6" Pipe to 10" x 6" Sweepolet	80A1566	LIM-6-.280-CS	C-F	UT	IX	




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<u>PIPING WELDS</u>							
RH 222	Valve PSV1F097 to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	XI	
RH 223R	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	XI	
RH 224	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	XI	
RH 225	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	XI	
RH 226	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	XI	
RH 227	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	XI	
RH 228	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	XI	
RH 229	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	XI	

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<u>PIPING WELDS</u>							
RH 230	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	XI	
RH 231	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	XI	
RH 232	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	XI	
RH 233	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	XI	
RH 233A	Flued Head (X-240) to 6" Elbow	80A1567	LIM-6-.280-CS	C-F	UT	XI	
RH 233B	6" Elbow to Pipe	80A1566	LIM-6-.280-CS	C-F	UT	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RHA 239	Valve HVIF024A to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	IX	Elbow Side
RHA 240	Elbow to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 241	18" Pipe to 18" x 18" x 18" Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 242	18" x 18" x 18" Tee to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 243	18" Pipe to Valve HV125A	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 244	Valve HV125A to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 245	18" Pipe to Flued Head (X-204A)	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 246	Valve HVIF010A to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHA 247	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 248	Elbow to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 249	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 250	Elbow to 18" x 18" x 18" Tee	80A1567	LIM-18-.375-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHB 178	Valve HV1F024B to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 179	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 180	Elbow to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 181	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 182	Elbow to 18" x 18" x 18" Tee	80A1567	LIM-18-.375-CS	C-F	UT	IX	Tee Side
RHB 183	18" x 18" x 18" Tee to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 184	18" Pipe to Valve HV125B	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 185	Valve HV125B to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHB 186	18" Pipe to Flued Head (X-204B)	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 187	Valve HV1F010B to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	IX	Elbow Side
RHB 188	Elbow to 18" Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 189	18" Pipe to 18" x 18" x 18" Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHA 251	18" Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 252	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 253	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 254	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 255	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 256	18" Pipe to 18" x 22" Reducer	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 257	18" x 22" Reducer to 22" Elbow	80A1567	LIM-22-.500-CS	C-F	UT	IX	
RHA 258	22" Elbow to Valve HV 182A	80A1567	LIM-22-.500-CS	C-F	UT	IX	

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<u>PIPING WELDS</u>							
RHA 259	Valve HV 182A to 18" x 22" Reducer	80A1567	LIM-22-.500-CS	C-F	UT	IX	Reducer Side
RHA 260	18" x 22" Reducer to Elbow	80A1567	LIM-18-.375-CS	C-F	UT	IX	
RHA 261	18" Elbow to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHA 262	18" Pipe to Tee	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 190	18" Tee to Pipe	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 191	18" Pipe to Elbow	80A1566	LIM-18-.375-CS	C-F	UT	IX	
RHB 192	18" Elbow to 18" x 22" Reducer	80A1567	LIM-18-.375-CS	C-F	UT	IX	
RHB 193	18" x 22" Reducer to Valve HV-182B	80A1567	LIM-22-.500-CS	C-F	UT	IX	Reducer Side



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<u>PIPING WELDS</u>							
RHB 194	Valve HV 182B x 18" x 22" Reducer	80A1567	LIM-22- .500-CS	C-F	UT	IX	Reducer Side
RHB 195	18" x 22" Reducer to 18" Elbow	80A1567	LIM-18- .375-CS	C-F	UT	IX	



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<u>PIPE SUPPORTS</u>							
RHA H41	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RHA H42	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RHA H43	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RHA H44	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RHA H45	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RHA H46	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RHA P66	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	
RHA P67	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	



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<u>PIPE SUPPORTS</u>							
RHA S68	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHA P69	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHA S70	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHA H71	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHA S72	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHA S73	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHA H74	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHA P75	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	



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<u>PIPE SUPPORTS</u>							
RHA P76	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHA S77	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHA P78	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	



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<u>PIPE SUPPORTS</u>							
RHA P03	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	
RHA P04	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHA P05	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHA S06	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHA P07	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA H08	Pipe Support	80A1562	N/A	C-E-2	VT-1	IX	
RHA S09	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA S10	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	



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<u>PIPE SUPPORTS</u>							
RHA H11	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA S12	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA H13	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA P79	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA H80	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA S81	Pipe Support	80A1562	N/A	C-E-2	VT-1	XI	
RHA S82	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA H83	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	



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<u>PIPE SUPPORTS</u>							
RHA P84	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA S85	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA S86	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA S87	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA P88	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA H89	Pipe Support	80A1562	N/A	C-E-2	VT-1	XI	
RHA H90	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	

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<u>PIPE SUPPORTS</u>							
RHA H47	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA S48	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA H49	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA S14	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA H15	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA S16	Pipe Support	80A1562	N/A	C-E-2	VT-1	IX	
RHA H17	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHA S18	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

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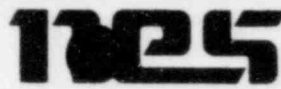
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<u>PIPE SUPPORTS</u>							
RHA P19	Pipe Support, Saddle	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHA H20	Pipe Support, Saddle	80A1561	N/A	C-E-2	VT-1	IX	
RHA P21	Pipe Support, Saddle	80A1561	N/A	C-E-2	VT-1	IX	
RHA P22	Pipe Support, Saddle	80A1561	N/A	C-E-2	VT-1	IX	
RHA P23	Pipe Support, Saddle	80A1561	N/A	C-E-2	VT-1	IX	
RHA P24	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
RHA S25	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA P26	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	

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<u>PIPE SUPPORTS</u>							
RHA P27	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	
RHA H28	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHA P29	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHA P30	Pipe Support*, Saddle	80A1561	N/A	C-E-2	VT-1	X	
RHA P31	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA S32	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA S33	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA P34	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	



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<u>PIPE SUPPORTS</u>							
RHA S35	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA S36	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA P37	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA P38	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
RHA P39	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA H40	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
RHA P50	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA P51	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	

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<u>PIPE SUPPORTS</u>							
RHA P51A	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA P51B	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA P51C	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA P51D	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHA P52	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHA S53	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHA P54	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHA P55	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	



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<u>PIPE SUPPORTS</u>							
RHA P56	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	
RHA H57	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHA P58	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHA S59	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHA P60	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHA S61	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHA P62	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA P63	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

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<u>PIPE SUPPORTS</u>							
RHA S64	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA S65	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA P65A	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	



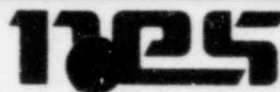
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<u>PIPE SUPPORTS</u>							
RHB H38	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RHB H39	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RHB H40	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RHB H41	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RHB H42	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RHB H43	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RHB H03	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHB P04	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHB S05	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHB H06	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHB P07	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHB P08	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHB P09	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB S10	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB P11	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB H12	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

System: HR
 Reference Drawing No. 01-105
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHB H13	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB x 60	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB x 61	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

System: RR
 Reference Drawing No. 01-106
 Preservice Inspection



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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHB H14	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB S15	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB H16	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB S17	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHB H18	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHB S19	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB S20	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHB H21	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	



System: RHR
 Reference Drawing No. 01-106
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHB P22	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB S23	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB S24	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB S25	Pipe Support	80A1562	N/A	C-E-1	PT	IX	
RHB H26	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	
RHB S27	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHB S28	Pipe Support	80A1562	N/A	C-E-1	PT	XI	
RHB P29	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHB S30	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHB P31	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
RHB S32	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHB S33	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHB P34	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHB P35	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
RHB P36	Pipe Support, Saddle	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
RHB H37	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	





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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHB P44	Pipe Support, 12 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHB H45	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB P46	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHB P47	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHB S47A	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHB P47B	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHB P47C	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHB P47D	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	

System: RHR
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHB S48	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHB P49	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHB P50	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
RHB P51	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
RHB P52	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHB H53	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHB P54	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHB P55	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	

System: NR
 Reference Drawing No. 01-106
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHB S56	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHB S57	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHB S58	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHB S58A	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHB S59	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHB P59A	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHC H01	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
RHC H02	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
RHC P03	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	
RHC H04	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHC P05	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHC H06	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHC P07	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHC H08	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHC P09	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHC S10	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHC P11	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	
RHC S12	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC H13	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC P14	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC P15	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHC S16	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	

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 Reference Drawing No. 01-107
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHC P17	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC S18	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC P19	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHC S20	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC H21	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC P22	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC H23	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC S24	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHC H25	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC S26	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC S26A	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC P27	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHC H28	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC H29	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC P30	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC H31	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	

System: HR
 Reference Drawing No. 01-108
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PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHC P32	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RHC H33	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	
RHC P34	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC P35	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC P36	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC S37	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC S38	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC P39	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RHC P40	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC P41	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC P42	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHC P43	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RHD S01	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
RHD H02	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
RHD P03	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	
RHD P04	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHD P05	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHD S06	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHD P07	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RHD P08	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RHD H09	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHD P09A	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHD P09B	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHD P10	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHD S11	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	△ 4
RHD P23	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	△ 4
RHD S24	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHD P25	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

System: KHR
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO	REMARKS
PIPE SUPPORTS							
RHD P26	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHD P27	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHD P28	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHD P29	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHD S30	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHD X31	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4
RHD X32	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4
RHD X33	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4



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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO	REMARKS
PIPE SUPPORTS							
RHD X34	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4
RHD X35	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4



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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RHD S12	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	
RHD S13	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHD P14	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHD P15	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHD S16	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHD S17	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHD P18	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHD P19	Pipe Support, 4 Lugs	80A1561 80A1562	N/A	C-E-2 C-E-1	VT-1 PT	XI	4



PROGRAM PLAN AND SCHEDULE

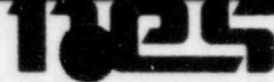
System: **QHR**
Reference Drawing No. 01-110
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RHD P20	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHD P21	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RHD P22	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	

System: HR
 Reference Drawing No. 01-111
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH H001	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RH P002	Pipe Support, Weld	80A1568 80A1561	LIM-20- .903-SS316	B-K-1	UT	IV	
RH H003	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	△ 4
RH H004	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	△ 4



System: RHR
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH H05	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RH P06	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH P07	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S08	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P09	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH H10	Pipe Support, 12 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	
RH P11	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH S12	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	

System: HR
 Reference Drawing No. 01-112
 Preservice Inspection



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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH S43	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S44	Pipe Support, 8 Lugs	80A1562	N/A	C-E-1	PT	IX	
		80A1561		C-E-2	VT-1		
RH H45	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH P46	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S47	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH H48	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH P49	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S50	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	



System: RHR
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH P51	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH P52	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH H53	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RH H54	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RH S55	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RH H56	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RH S57	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RH S58	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

System: HR
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH S13	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	4
RH H14	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	4
RH P14A	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	4
RH S14B	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	4
RH P15	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	4
RH H16	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	4
RH H17	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	4
RH H18	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	4

System: KHR
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH S19	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S20	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S21	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH P22	Pipe Support, 12 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RH H23	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S24	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S25	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S26	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH S27	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH H28	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH H29	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S30	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RH P31	Pipe Support, Saddle	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RH P32	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH H33	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH P34	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	



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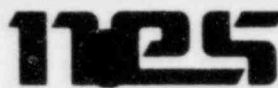
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH H35	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S36	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S37	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S38	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH P39	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RH H40	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S41	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH S42	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH P58A	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH P58B	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH P59	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P60	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P61	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P61A	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P62	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH X63	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH X64	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P65	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P66	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P67	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P67A	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P67B	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4
RH P67C	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4
RH P67D	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4


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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH P68	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P69	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH H70	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH S71	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P72	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH S73	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P74	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P75	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH S76	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	
RH S77	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH S78	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P79	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH S80	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RHA P91	Pipe Support	80A1561	N/A	B-K-2	VT-1	I	△ 4
RHA P92	Pipe Support	80A1561	N/A	B-K-2	VT-1	I	△ 4
RHA P93	Pipe Support	80A1561	N/A	B-K-2	VT-1	I	△ 4
RHA H94	Pipe Support	80A1561	N/A	B-K-2	VT-1	I	△ 4
RHA H95	Pipe Support	80A1561	N/A	B-K-2	VT-1	I	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RHA P96	Pipe Support	80A1561	N/A	C-E-2	VT-1	I	
RHA P97	Pipe Support	80A1561	N/A	C-E-2	VT-1	II	
RHA P98	Pipe Support	80A1561	N/A	C-E-2	VT-1	II	
RHA P99	Pipe Support	80A1561	N/A	C-E-2	VT-1	III	△ 4
RHA P100	Pipe Support	80A1561	N/A	C-E-2	VT-1	III	△ 4
RHA P101	Pipe Support	80A1561	N/A	C-E-2	VT-1	III	△ 4
RHA H102	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHA H103	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO	REMARKS
PIPE SUPPORTS							
RHA S104	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA P105	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA H106	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA S107	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

System: HR
 Reference Drawing No. 01-117
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH P81	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P82	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P83	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH S83A	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH P84	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH H85	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RH H86	Pipe Support, 4 Lugs	80A1561	N/A	C-E-2	VT-1	X	

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 Reference Drawing No. 01-118
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RHA H108	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA H109	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA P110	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	△ 4
RHA S111	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4
RHA S112	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4



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PIPE SUPPORTS							
RHB S60	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB P61	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHB P62	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB S63	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB S64	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB S65	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB H66	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
RH P87	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	△ 4
RH P88	Pipe Support	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	△ 4
RH P89	Pipe Support	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	△ 4
RH P90	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4
RH P91	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4
RH H92	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4
RH S93	Pipe Support, 4 Lugs	80A1561	N/A	C-E-2	VT-1	IX	△ 4
RH H94	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

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PIPE SUPPORTS							
RH P95	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH P96	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH P97	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH H98	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RH P99	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	



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PIPE SUPPORTS							
RH P100	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RH P101	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RH P102	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RH P103	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	



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PIPE SUPPORTS							
RHA P113	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHA P114	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	



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PIPE SUPPORTS							
RHB P67	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB P68	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	
RHB H69	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RHB P70	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

System: PCI
 Reference Drawing No. 02-01
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<u>PIPING WELDS</u>							
HP 001	Sweepolet to Pipe	80A1566	LIM-10-.593-CS	B-J	UT	III	
HP 002	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	B-J	UT	III	
HP 003	Elbow to Pipe	80A1566	LIM-10-.593-CS	B-J	UT	III	
HP 004	10" Pipe to Pipe	80A1566	LIM-10-.593-CS	B-J	UT	IV	
HP 005	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	B-J	UT	IV	
HP 006	Elbow to Pipe	80A1566	LIM-10-.593-CS	B-J	UT	IV	
HP 007	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	B-J	UT	IV	
HP 008	Elbow to Pipe	80A1566	LIM-10-.593-CS	B-J	UT	IV	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 008A	10" Pipe to Pipe	80A1566	LIM-10-.593-CS	B-J	UT	IV	
HP 009	10" Pipe to Flowmeter FE-IN032	80A1566	LIM-10-.593-CS	B-J	UT	IV	
HP 010	Flowmeter FE-IN032 to Pipe	80A1566	LIM-10-.593-CS	B-J	UT	IV	
HP 011	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	B-J	UT	V	
HP 012	Elbow to Pipe	80A1566	LIM-10-.593-CS	B-J	UT	V	
HP 013	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	B-J	UT	V	
HP 014	Elbow to Pipe	80A1566	LIM-10-.593-CS	B-J	UT	V	
HP 015	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	B-J	UT	V	

System: **PCI**
 Reference Drawing No. 02-01
 Preservice Inspection



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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 016	Elbow to Pipe	80A1566	LIM-10-.593-CS	B-J	UT	V	
HP 017	10" Pipe to Valve HV-1F002	80A1566	LIM-10-.593-CS	B-J	UT	V	
HP 018	Valve HV-1F002 to Pipe	80A1566	LIM-10-.593-CS	B-J	UT	V	
HP 019	10" Pipe to Elbow	80A1566	LIM-10-.593-CS	B-J	UT	V	
HP 020	Elbow to Flued Head (X-11)	80A1567	LIM-SP-350	B-J	UT	V	
HP 021	Flued Head (X-11) to Valve HV-1F003	80A1567	LIM-SP-350	B-J	UT	IX	
HP 022	Valve HV-1F003 to 10" x 12" Reducer	80A1567	LIM-10-.593-CS	C-F	UT	IX	Reducer Side
HP 023	10" x 12" Reducer to Elbow	80A1567	LIM-12-.688-CS	C-F	UT	IX	



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PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 024	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 025 R	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 026	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 027	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 028	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 029	12" Pipe to 12" x 12" x 10" Tee	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 030	12" x 12" x 10" Tee to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 031	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	IX	

System: **PCI**
 Reference Drawing No. 02-01
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 032	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 033	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 034	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 035	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 036	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 037	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	IX	

System: CI
 Reference Drawing No. 02-02
 Preservice Inspection



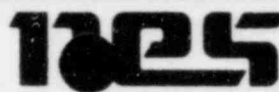
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 038	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	IX	
HP 039	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	X	
HP 040	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	X	
HP 041	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	X	
HP 042	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	X	
HP 043	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	XI	
HP 044	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	XI	
HP 045	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	XI	

System: **PCI**
 Reference Drawing No. 02-02
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<u>PIPING WELDS</u>							
HP 046	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	XI	
HP 047	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	XI	
HP 048	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	XI	
HP 049	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	XI	
HP 050	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	XI	
HP 051	12" Pipe to 12" x 12" x 12" Tee	80A1566	LIM-12-.688-CS	C-F	UT	XI	
HP 052	12" x 12" x 12" Tee to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	XI	
HP 053	12" Pipe to Cap	80A1566	LIM-12-.688-CS	C-F	UT	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 054	12" x 12" x 12" Tee to Valve HV-1F001	80A1567	LIM-12-.688-CS	C-F	UT	XI	 Tee Side
HP 055	Valve HV-1F001 to Elbow	80A1567	LIM-12-.688-CS	C-F	UT	XI	Elbow Side
HP 056	Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	XI	
HP 057	12" Pipe to 12" x 10" Reducer	80A1566	LIM-12-.688-CS	C-F	UT	XI	
HP 058	12" x 10" Reducer to Flange	80A1567	LIM-10-.593-CS	C-F	UT	XI	Reducer Side

System: HPCI
 Reference Drawing No. 02-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 059	Flange to 20" x 20" x 18" Tee	80A1567	LIM-18-.375-CS	C-F	UT	XI	Tee Side
HP 060	20" x 20" x 18" Tee to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 061	20" Pipe to Cap	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 062	20" x 20" x 18" Tee to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 063	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 064	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 065	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 066	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	

System: HP CI
 Reference Drawing No. 02-03
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 067	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 068	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 069	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 070	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 071	20" Pipe to 20" x 20" x 16" Tee	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 072	20" x 20" x 16" Tee to Flange (PSE-1D003)	80A1567	LIM-16-.375-CS	C-F	UT	XI	Tee Side
HP 073	Flange (PSE-1D003) to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
HP 074	16" Pipe to Flange (PSE-1D004)	80A1566	LIM-16-.375-CS	C-F	UT	XI	

System: HP-PCI
 Reference Drawing No. 02-03
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 076	20" x 20" x 16" Tee to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 077	20" Pipe to Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 078	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 079	20" Pipe Elbow	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 080	Elbow to Pipe	80A1566	LIM-20-.375-CS	C-F	UT	XI	
HP 081	20" Pipe to 20" x 12" Reducer	80A1566	LIM-20-.375-CS	C-F	UT	X	
HP 082	20" x 12" Reducer to Elbow	80A1567	LIM-12-.375-CS	C-F	UT	X	

System: CI
 Reference Drawing No. 02-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 083	Elbow to Valve 1F021	80A1567	LIM-12-.375-CS	C-F	UT	X	Elbow Side
HP 084	Valve 1F021 to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	X	
HP 085	12" Pipe to Elbow	80A1566	LIM-12-.375-CS	C-F	UT	X	
HP 086	Elbow to Valve HV-1F072	80A1567	LIM-12-.375-CS	C-F	UT	X	Elbow Side
HP 087	Valve HV-1F072 to Flued Head (X-210)	80A1567	LIM-SP-105	C-F	UT	X	

System: HP/CI
 Reference Drawing No. 02-04
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGC	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 088	Tee to 12" Pipe	80A1566	LIM-12-.843-CS	C-F	UT	VII	
HP 089	12" Pipe to Elbow	80A1566	LIM-12-.843-CS	C-F	UT	VII	
HP 090	Elbow to Pipe	80A1566	LIM-12-.843-CS	C-F	UT	VII	
HP 091	12" Pipe to Valve HV-1F006	80A1566	LIM-12-.843-CS	C-F	UT	VII	
HP 092	Valve HV-1F006 to 12" x 14" Reducer	80A1567	LIM-12-.843-CS	C-F	UT	VII	Reducer Side
HP 093	12" x 14" Reducer to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	VII	
HP 094	14" Pipe to Elbow	80A1566	LIM-14-1.093-CS	C-F	UT	VIII	
HP 095	Elbow to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	VIII	

System: HPCI
 Reference Drawing No. 02-04
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 096	14" Pipe to Elbow	80A1566	LIM-14-1.093-CS	C-F	UT	VIII	
HP 097	Elbow to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	VIII	
HP 097A	14" Pipe to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	VIII	
HP 098	14" Pipe to Elbow	80A1566	LIM-14-1.093-CS	C-F	UT	IX	
HP 099	Elbow to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	IX	
HP 100	14" Pipe to Elbow	80A1566	LIM-14-1.093-CS	C-F	UT	IX	
HP 101	Elbow to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	IX	
HP 102	14" Pipe to Elbow	80A1566	LIM-14-1.093-CS	C-F	UT	X	

System: HP CI
 Reference Drawing No. 02-04
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 103	Elbow to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	X	
HP 104	14" Pipe to Elbow	80A1566	LIM-14-1.093-CS	C-F	UT	X	
HP 105	Elbow to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	X	
HP 106	14" Pipe to Elbow	80A1566	LIM-14-1.093-CS	C-F	UT	X	
HP 107	Elbow to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	X	
HP 108	14" Pipe to Elbow	80A1566	LIM-14-1.093-CS	C-F	UT	X	
HP 109	Elbow to Pipe	80A1566	LIM-14-.937-CS	C-F	UT	X	
HP 110	14" Pipe to Elbow	80A1566	LIM-14-.937-CS	C-F	UT	X	

System: HPCI
 Reference Drawing No. 02-04
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
HP 111	Elbow to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	X	
HP 112	14" Pipe to 14" x 14" x 10" Tee	80A1566	LIM-14-1.093-CS	C-F	UT	X	
HP 113	Tee to Flange (FO-1D010A)	80A1567	LIM-10-.843-CS	C-F	UT	X	Tee Side
HP 114 R	Flange (FO-1D010A) to Elbow	80A1567	LIM-10-.843-CS	C-F	UT	X	Elbow Side
HP 114A R	Elbow to Flange (FO-1D010B)	80A1567	LIM-10-.843-CS	C-F	UT	X	
HP 115 R	Flange (FO-1D010B) to Pipe	80A1566	LIM-10-.843-CS	C-F	UT	X	
HP 116	10" Pipe to Valve HV-1F008	80A1566	LIM-10-.843-CS	C-F	UT	X	
HP 117	Tee to Valve HV-1F007	80A1567	LIM-14-1.093-CS	C-F	UT	X	Tee Side



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System: CI
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<u>PIPING WELDS</u>							
HP 118	Valve HV-1F007 to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	X	
HP 119	14" Pipe to Valve 1F005	80A1566	LIM-14-.937-CS	C-F	UT	X	

System: APCI
 Reference Drawing No. 02-05
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<u>PIPING WELDS</u>							
HP 120	Valve 1F005 to Pipe	80A1566	LIM-14-.937-CS	C-F	UT	X	
HP 121	14" Pipe to Elbow	80A1566	LIM-14-1.093-CS	C-F	UT	X	
HP 122	Elbow to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	X	
HP 123	14" Pipe to Elbow	80A1566	LIM-14-1.093-CS	C-F	UT	XI	
HP 124	Elbow to Pipe	80A1566	LIM-14-1.093-CS	C-F	UT	XI	
HP 125	14" Pipe to Elbow	80A1566	LIM-14-.937-CS	C-F	UT	XI	
HP 126	Elbow to Pipe	80A1566	LIM-14-.937-CS	C-F	UT	XI	
HP 127	14" Pipe to Flange (FE-1N007)	80A1566	LIM-14-.937-CS	C-F	UT	XI	



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<u>PIPING WELDS</u>							
HP 128	Flange (FE-1N007) to Pipe	80A1566	LIM-14-.937-CS	C-F	UT	XI	
HP 129	14" Pipe to Elbow	80A1566	LIM-14-.937-CS	C-F	UT	XI	
HP 130	Elbow to Pipe	80A1566	LIM-14-.937-CS	C-F	UT	XI	
HP 131	14" Pipe to Elbow	80A1566	LIM-14-.937-CS	C-F	UT	XI	
HP 132	Elbow to Pipe	80A1566	LIM-14-.937-CS	C-F	UT	XI	
HP 133	14" Pipe to Elbow	80A1566	LIM-14-.937-CS	C-F	UT	XI	
HP 134	Elbow to Pipe	80A1566	LIM-14-.937-CS	C-F	UT	XI	
HP 135	14" Pipe to Elbow	80A1566	LIM-14-.937-CS	C-F	UT	XI	

System: HP/PCI
 Reference Drawing No. 02-05
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<u>PIPING WELDS</u>							
HP 136	Elbow to 14" x 10" Reducer	80A1567	LIM-14-.937-CS	C-F	UT	XI	
HP 137	14" x 10" Reducer to Pump 10P204 Discharge	80A1567	LIM-10-.718-CS	C-F	UT	XI	Reducer Side

System: **ICI**
 Reference Drawing No. 02-06
 Preservice Inspection



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<u>PIPING WELDS</u>							
HP 138	Flange to 12" Pipe	80A1566	LIM-12-.406-CS	C-F	UT	XI	
HP 139	12" Pipe to Elbow	80A1566	LIM-12-.406-CS	C-F	UT	XI	
HP 140	Elbow to 12" Pipe	80A1566	LIM-12-.406-CS	C-F	UT	XI	
HP 141	12" Pipe to Elbow	80A1566	LIM-12-.406-CS	C-F	UT	XI	
HP 142	Elbow to Flange	80A1567	LIM-12-.406-CS	C-F	UT	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
HP P001	Pipe Support	80A1561	N/A	C-E-2	VT-1	V	 4
HP P002	Pipe Support	80A1561	N/A	C-E-2	VT-1	V	
HP P003	Pipe Support, Welded 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	I	
HP S004	Pipe Support	80A1561	N/A	C-E-2	VT-1	I	
HP P005	Pipe Support	80A1561	N/A	C-E-2	VT-1	I	
HP S006	Pipe Support	80A1561	N/A	C-E-2	VT-1	I	
HP H007	Pipe Support	80A1561	N/A	C-E-2	VT-1	I	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
HP P007A	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	4
HP P007B	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	4
HP H008	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	4
HP S009	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	4
HP P010	Pipe Support, Welded 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	4
HP H011	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
HP S012	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
HP P013	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	4

System: PCI
 Reference Drawing No. 02-102
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
HP P014	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
HP S015	Pipe Support, Welded 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
HP H016	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
HP S017	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
HP H018	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
HP H019	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	



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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
HP S020	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
HP S021	Pipe Support, Welded	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
HP P022	Pipe Support, Welded	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
HP S023	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
HP H024	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
HP H025	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
HP P026	Pipe Support, Welded 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
HP P027	Pipe Support, Welded 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	




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System: HPCI
Reference Drawing No. 02-104
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
HP H028	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	 4
HP S029	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	
HP P030	Pipe Support, Welded 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VII	
HP P031	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	
HP P032	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
HP P033	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
HP P034	Pipe Support, Welded 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	
HP P035	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
HP P036	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
HP P037	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
HP P038	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	△ 4
HP P039	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
HP S040	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
HP H041	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
HP S042	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
HP P043	Pipe Support, Welded Saddle	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	

System: HPCI
 Reference Drawing No. 02-104
 Preservice Inspection

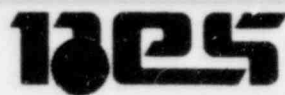


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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
HP P044	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
HP S045	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
HP P046	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	4
HP P047	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
HP S048	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
HP S049	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
HP P050	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
HP P051	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	



System: PCI
 Reference Drawing No. 02-105
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
PIPE SUPPORTS							
HP P052	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	△ 4
HP H053	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
HP S054	Pipe Support, Welded Saddle	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
HP P055	Pipe Support, Welded 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
HP H056	Pipe Support	80A1561	N/A	C-E-1	VT-1	XI	
HP H057	Pipe Support	80A1561	N/A	C-E-1	VT-1	XI	
HP H058	Pipe Support	80A1561	N/A	C-E-1	VT-1	XI	
HP P059	Pipe Support	80A1561	N/A	C-E-1	VT-1	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSA 001	26" Pipe to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	I	
MSA 002	Elbow to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	I	
MSA 003	26" Pipe to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	I	
MSA 010	26" Pipe to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSA 011	Elbow to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSA 018	26" Pipe to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSA 019	Elbow to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSA 019A	26" Pipe to Pipe (FE-1N051)	80A1566	LIM-26-1.013-CS	B-J	UT	III	



System: Main Steam
 Reference Drawing No. 03-01
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSA 020	26" Pipe (FE-1N051) to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSA 021	Elbow to Valve HV-1F022A	80A1567	LIM-26-1.013-CS	B-J	UT	I	
MSA 022	Valve HV-1F022A to Flued Head (X-7A)	80A1567	LIM-SP-350	B-J	UT	I	
MSA 023	Flued Head (X-7A) to Valve HV-1F028A	80A1567	LIM-SP-350	B-J	UT	XII	
MSB 001	26" Pipe to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	I	
MSB 002	Elbow to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	I	
MSB 003	26" Pipe to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	I	

System: Main Steam
 Reference Drawing No. 03-01
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSB 016	26" Pipe to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSB 017	Elbow to Pipe (X-7A)	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSB 021	26" Pipe to Pipe (FE1N052)	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSB 022	26" Pipe (FE1N052) to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSB 023	26" Elbow to Valve HV-1F022B	80A1567	LIM-26-1.013-CS	B-J	UT	III	
MSB 024	Valve HV-1F022B to Flued Head (X-7B)	80A1567	LIM-SP-350	B-J	UT	III	
MSB 025	Flued Head (X-7B) to Valve HV-1F028B	80A1567	LIM-SP-350	B-J	UT	XII	

System: Main Steam
 Reference Drawing No. 03-02
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSA 004	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	II	
MSA 005	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSA 006	8" Pipe to Flange (X-7A)	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSA 007	26" Pipe to 8" Pipe Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	II	
MSA 008	8" Sweepolet to Pipe	80A1566	LIM-8-906-CS	B-J	UT	II	
MSA 009	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSA 012	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSA 013	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	III	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSA 014	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	III	
MSA 015	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSA 016	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	III	
MSA 017	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	III	
MSB 004	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	II	
MSB 005	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSB 006	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSB 007	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	II	



System: Main Steam
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSB 008	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSB 009	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSB 010	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	II	
MSB 011	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	III	
MSB 012	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	III	
MSB 013	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSB 014	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	III	
MSB 015	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	III	

System: Main Steam
 Reference Drawing No. 03-02
 Preservice Inspection

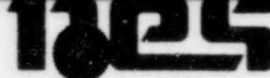


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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSB 018	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSB 019	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	III	
MSB 020	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	III	
MSC 004	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	II	
MSC 005	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSC 006	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSC 007	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	II	
MSC 008	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	II	

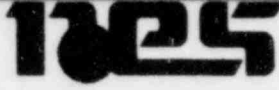


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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSC 009	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSC 010	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSC 011	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	III	△ 4
MSC 012	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	III	
MSC 013	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSC 016	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSC 017	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	III	
MSC 018	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	III	

System: Main Steam
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSD 004	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	II	
MSD 005	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSD 006	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSD 007	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	II	
MSD 008	8" Sweepolet to Pipe	80A1566	LIM-8-906-CS	B-J	UT	II	
MSD 009	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	II	
MSD 012	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSD 013	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	III	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSD 014	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	III	
MSD 015	26" Pipe to 8" Sweepolet	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSD 016	8" Sweepolet to Pipe	80A1566	LIM-8-.906-CS	B-J	UT	III	
MSD 017	8" Pipe to Flange	80A1566	LIM-8-.906-CS	B-J	UT	III	


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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSA 024	Valve HV-1F028A to Pipe	80A1566	LIM-26-1.013-CS	C-F	UT	VIII	 4
MSA 025	26" Pipe to Elbow	80A1566	LIM-26-1.013-CS	C-F	UT	VIII	
MSA 025LD	26" Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSA 026	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSA 026LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSA 027	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSA 027LD	26" Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSA 028	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATIC BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSA 028LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	△ 4
MSA 029	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSA 029LD	26" Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSA 030	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSA 030LU	26" Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSA 031	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSA 031LD	26" Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSA 032	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSA 032LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VII	
MSA 033	26" Pipe to 26" x 26" x 14" Tee	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSA 033LD	26" x 26" x 14" Tee Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSA 034	26" x 26" x 14" Tee to Elbow	80A1567	SIM-SP-515	C-F	UT	VIII	
MSA 034LU	Tee Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSA 034LD	Eibow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSA 035	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSA 035LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSA 036	26" Pipe to 6" Sweepolet	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSA 037	6" Sweepolet to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	VIII	
MSA 038	6" Pipe to CAP	80A1566	LIM-6-.432-CS	C-F	UT	VIII	
MSA 039	26" Pipe to Valve MSV-3	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSB 026	Valve HV-1F028B to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VII	
MSB 027	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VII	
MSB 027LD	26" Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VII	
MSB 028	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VII	



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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSB 028LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VII	△ 4
MSB 029	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VII	
MSB 029LD	26" Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VII	
MSB 030	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VII	
MSB 030LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VII	△ 4
MSB 031	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VII	
MSB 031LD	26" Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VII	△ 4
MSB 032	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VII	

System: Main Steam
 Reference Drawing No. 03-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSB 032LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSB 033	26" Pipe to 6" Sweepolet	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSB 034	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSB 034LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSB 035	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSB 035LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSB 036	26" Pipe to 26" x 26" x 14" Tee	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSB 036LD	26" x 26" x 14" Tee Seam	80A1567	LIM-SP-515	C-F	UT	VIII	

System: Main Steam
 Reference Drawing No. 03-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSB 037	26" x 26" x 14" Tee to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSB 037LU	Tee Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSB 038	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSB 038LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSB 039	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSB 039LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSB 040	26" Pipe to 6" Sweepolet	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSB 041	6" Sweepolet to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	VIII	

System: **High Pressure Steam**
 Reference Drawing No. 03-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSB 042	6" Pipe to CAP	80A1566	LIM-6-.432-CS	C-F	UT	VIII	
MSB 043	26" Pipe to Valve MSV-4	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSB 044	6" Sweepolet to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSB 045	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	VIII	
MSB 046	Elbow to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	VIII	
MSB 046A	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	VIII	
MSB 047	Elbow to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	VIII	
MSB 048	6" Pipe to Valve HV-108	80A1566	LIM-6-.432-CS	C-F	UT	VIII	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSC 001	26" Pipe to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	I	
MSC 002	Elbow to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	I	
MSC 003	26" Pipe to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	I	
MSC 014	26" Pipe to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSC 015	Elbow to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSC 019	26" Pipe to Pipe (FE1N053)	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSC 020A	26" Pipe (FE1N053) to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSC 020	26" Pipe to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	III	

System: Main Steam
 Reference Drawing No. 03-04
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSC 021	Elbow to Valve HV-1F022C	80A1567	LIM-26-1.013-CS	B-J	UT	III	
MSC 022	Valve HV-1F022C to Flued Head (X-7C)	80A1567	LIM-SP-350	B-J	UT	III	
MSC 023	Flued Head (X-7C) to Valve HV-1F028C	80A1567	LIM-SP-350	B-J	UT	XII	
MSD 001	26" Pipe to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	I	
MSD 002	Elbow to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	I	
MSD 003	26" Pipe to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	I	
MSD 010	26" Pipe to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSD 011	Elbow to Pipe	80A1566	LIM-26-1.013-CS	B-J	UT	III	

System: in Steam
 Reference Drawing No. 03-04
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSD 018	26" Pipe to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSD 019	Elbow to Pipe (FE-1N054)	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSD 020	26" Pipe (FE-1N054) to Elbow	80A1566	LIM-26-1.013-CS	B-J	UT	III	
MSD 021	Elbow to Valve HV-1F022D	80A1567	LIM-26-1.013-CS	B-J	UT	III	
MSD 022	Valve HV-1F022D to Flued Head (X-7D)	80A1567	LIM-SP-350	B-J	UT	III	
MSD 023	Flued Head (X-7D) to Valve HV-1F022D	80A1567	LIM-SP-350	B-J	UT	XII	

System: Main Steam
 Reference Drawing No. 03-05
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO	REMARKS
<u>PIPING WELDS</u>							
MSC 024	Valve HV-1F028C to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	4
MSC 025	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSC 025LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSC 026	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSC 026LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSC 027	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSC 027LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSC 028	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	





PROGRAM PLAN AND SCHEDULE

System: Main Steam
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSC 028LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSC 029	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSC 029LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSC 030	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSC 030LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSC 031	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSC 031LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSC 032	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSC 032LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	

System: Main Steam
 Reference Drawing No. 03-05
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSC 033	26" Pipe to 26" x 26" x 14" Tee	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSC 033LD	26" x 26" x 14" Tee Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSC 034	26" x 26" x 14" Tee to Elbow	80A1567	LIM-SP-515	C-F	UT	VIII	
MSC 34LU	26" x 26" x 14" Tee Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSC 034LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSC 035	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSC 035LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSC 036	26" Pipe to 8" Sweepolet	80A1566	LIM-26-.928-CS	C-F	UT	VIII	

System: Main Steam
 Reference Drawing No. 03-05
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSC 037	8" Sweepolet to Pipe	80A1566	LIM-8-.500-CS	C-F	UT	VIII	
MSC 038	8" Pipe to Valve HV-111	80A1566	LIM-8-.500-CS	C-F	UT	VIII	
MSC 039	26" Pipe to 6" Sweepolet	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSC 040	6" Sweepolet to Pipe	80A1567	LIM-6-.432-CS	C-F	UT	VIII	
MSC 041	6" Pipe to Cap	80A1566	LIM-6-.432-CS	C-F	UT	VIII	
MSC 042	26" Pipe to Valve MSV-1	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSD 024	Valve HV-1F028D to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	△ 4
MSD 025	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	△ 4




PROGRAM PLAN AND SCHEDULE

System: Main Steam
Reference Drawing No. 03-05
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSD 025LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	 ↑
MSD 026	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSD 026LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSD 027	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSD 027LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSD 028	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSD 028LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSD 029	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	

System: Main Steam
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSD 029LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSD 030	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSD 030LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSD 031	26" Pipe to Elbow	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSD 031LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSD 032	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSD 032LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSD 033	26" Pipe to 26" x 26" x 14" Tee	80A1566	LIM-26-.928-CS	C-F	UT	VIII	

System: Main Steam
 Reference Drawing No. 03-05
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSD 033LD	26" x 26" x 14" Tee Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSD 034	26" x 26" x 14" Tee to Elbow	80A1567	LIM-SP-515	C-F	UT	VIII	
MSD 034LU	Tee Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSD 034LD	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSD 035	Elbow to Pipe	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSD 035LU	Elbow Seam	80A1567	LIM-SP-515	C-F	UT	VIII	
MSD 036	26" Pipe to 6" Sweepolet	80A1566	LIM-26-.928-CS	C-F	UT	VIII	
MSD 037	6" Sweepolet to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	VIII	



System: Main Steam
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MSD 038	6" Pipe to Cap	80A1566	LIM-6- .432-CS	C-F	UT	VIII	
MSD 039	26" Pipe to Valve MSV-2	80A1566	LIM-26- .928-CS	C-F	UT	VIII	

System: Main Steam
 Reference Drawing No. 03-06
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MS 001	26" x 26" x 14" Tee to Pipe	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 002	14" Pipe to Elbow	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 003	Elbow to Pipe	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 004	14" Pipe to Elbow	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 005	Elbow to Pipe	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 006	14" Pipe to 18" x 14" Reducer	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 007	18" x 14" Reducer to 18" x 18" x 14" Tee	80A1567	LIM-18-.938-CS	C-F	UT	VIII	
MS 008	26" x 26" x 14" Tee to Pipe	80A1566	LIM-14-.750-CS	C-F	UT	VIII	

System: Main Steam
 Reference Drawing No. 03-06
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MS 009	14" Pipe to Elbow	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 010	Elbow to Pipe	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 011	14" Pipe to 18" x 18" x 14" Tee	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 012	18" x 18" x 14" Tee to Pipe	80A1566	LIM-18-.938-CS	C-F	UT	VIII	
MS 013	18" Pipe to Turbine By-Pass Valves	80A1566	LIM-18-.938-CS	C-F	UT	VIII	
MS 014	26" x 26" x 14" Tee to Pipe	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 015	14" Pipe to Elbow	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 016	Elbow to Pipe	80A1566	LIM-14-.750-CS	C-F	UT	VIII	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MS 017	14" Pipe to Elbow	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 018	Elbow to Pipe	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 019	14" Pipe to 18" x x 14" Reducer	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 020	18" x 14" Reducer to 18" x 18" x 14" Tee	80A1567	LIM-18-.938-CS	C-F	UT	VIII	
MS 021	26" x 26" x 14" Tee to Pipe	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 022	14" Pipe to Elbow	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 023	Elbow to Pipe	80A1566	LIM-14-.750-CS	C-F	UT	VIII	
MS 024	14" Pipe to 18" x 18" x 14" Tee	80A1566	LIM-14-.750-CS	C-F	UT	VIII	

System: Main Steam
 Reference Drawing No. 03-06
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION CLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MS 025	18" x 18" x 14" Tee to Pipe	80A1566	LIM-18-.938-CS	C-F	UT	VIII	
MS 026	18" Pipe to 6" Sweepolet	80A1566	LIM-18-.938-CS	C-F	UT	VIII	
MS 027	6" Sweepolet to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	VIII	
MS 028	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	VIII	
MS 029	Elbow to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	VIII	
MS 030	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	VIII	
MS 031	Elbow to Valve HV-109	80A1567	LIM-6-.432-CS	C-F	UT	VIII	
MS 032	18" Pipe to Elbow	80A1566	LIM-18-.938-CS	C-F	UT	VIII	

System: Main Steam
 Reference Drawing No. 03-06
 Preservice Inspection



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 App: MS Date: 8/82
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PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
MS 033	Elbow to Elbow	80A1567	LIM-18-.938-CS	C-F	UT	VIII	
MS 034	Elbow to Turbine By-Pass Valves	80A1567	LIM-18-.938-CS	C-F	UT	VIII	

System: Main Steam
 Reference Drawing No. 03-101
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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 App: AB Date: 8/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSB H001	Pipe Support, 4 Lugs	80A1568 80A1561	LIM-26- 1.013-CS	B-K-1 B-K-2	UT VT-1	I	
MSB S002	Pipe Support	80A1561	N/A	B-K-2	VT-1	I	
MSB S003	Pipe Support	80A1561	N/A	B-K-2	VT-1	I	
MSB S004	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSB H006	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSB S007	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSB H008	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	△ 4
MSB S009	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	△ 4



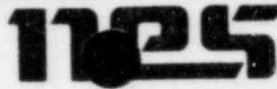
System: Main Steam
 Reference Drawing No. 03-101
 Preservice Inspection

PROGRAM PLAN AND SCHEDULE

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 App: QAB Date: 8/82
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSB S005	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	△ 4
MSA H001	Pipe Support, 4 Lugs	80A1568 80A1561	LIM-26- 1.013-CS	B-K-1 B-K-2	UT VT-1	I	
MSA S002	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSA S003	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSA H004	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSA S005	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSA S006	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	



System: Main Steam
Reference Drawing No. 03-103
Preservice Inspection

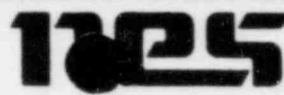
PROGRAM PLAN AND SCHEDULE

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PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSB P009A	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	4 ↑
MSB P009B	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB P009C	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB P009D	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

System: Main Steam
 Reference Drawing No. 03-103
 Preservice Inspection



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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSB S010	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB H011	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB H012	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB P013	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	
MSB H014	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB H015	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB P016	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB H017	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

System: Main Steam
 Reference Drawing No. 03-103
 Preservice Inspection



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By: CJB Date: AUG 82
 App: SSB Date: 8/82
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PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSB S018	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB H019	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB H020	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB S021	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB H022	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB H023	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSB S024	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA P006A	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	△ 4


System: Main Steam
 Reference Drawing No. 03-103
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSA P006B	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA P006C	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA P006D	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA H007	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

System: Main Steam
 Reference Drawing No. 03-103
 Preservice Inspection



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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSA S008	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA P009	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	
MSA H010	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA H011	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA P012	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA H013	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA H014	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	△ 4
MSA H015	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

System: Main Steam
 Reference Drawing No. 03-103
 Preservice Inspection



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 App: MB Date: 8/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSA H016	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA H017	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA S018	Pipe Support	80A156i	N/A	C-E-2	VT-1	VIII	
MSA H019	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA H020	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSA P021	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

System: Main Steam
 Reference Drawing No. 03-104
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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 App: SSS Date: 8/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSC S007	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSC H008	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSC S009	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSD H001	Pipe Support, 4 Lugs	80A1568 80A1561	LIM-26- 1.013-CS	B-K-1 B-K-2	UT VT-1	I	
MSD S002	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSD S003	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSD S004	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSD H005	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	

System: Main Steam
 Reference Drawing No. 03-104
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

By: CR Date: AUG 82
 App: ASB Date: 8/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSD S006	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSC H001	Pipe Support, 4 Lugs	80A1568 80A1561	LIM-26- 1.013-CS	B-K-1 B-K-2	UT VT-1	I	
MSC S002	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
MSC S003	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
MSC S004	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSC S005	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
MSC H006	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	


System: Main Steam
 Reference Drawing No. 03-105
 Preservice Inspection



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By: CJE Date: Aug 82
 App: BBS Date: 8/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSD P006A	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	 ↑
MSD P006B	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD P006C	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD P006D	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	



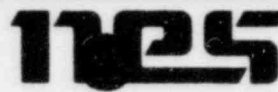
PROGRAM PLAN AND SCHEDULE

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 App: RS Date: 8/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSD S007	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD H008	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD P009	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	
MSD H010	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD H011	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD P012	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD H013	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD S014	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

System: Main Steam
 Reference Drawing No. 03-105
 Preservice Inspection



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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSD H015	Pipe Support	80A1561	N/A	C-F-2	VT-1	VIII	
MSD H016	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD H017	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD H018	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD S019	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD S020	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD H021	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSD P022	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	


System: Main Steam
 Reference Drawing No. 03-105
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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 App: ASB Date: 8/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSC P009A	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	 ↑
MSC P009B	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC P009C	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC P009D	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

System: Main Steam
 Reference Drawing No. 03-105
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

By: CJR Date: Aug 82
 App: BSB Date: 8/82
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSC S010	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC H011	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC P012	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	
MSC H013	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC H014	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC P015	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC H016	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC S017	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

System: Steam
 Reference Drawing No. 03-105
 Preservice Inspection



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By: CJE Date: 4/24/82
 App: CLS Date: 8/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSC H018	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC H019	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC H020	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC S021	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC H022	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC S023	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC H024	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MSC H025	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	



System: Main Steam
Reference Drawing No. 03-105
Preservice Inspection

PROGRAM PLAN AND SCHEDULE

By: CR Date: 10/6/82
App: ABB Date: 8/82
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PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MSC P026	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

System: Main Steam
 Reference Drawing No. 03-106
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

By: CJE Date: Aug 82
 App: CAS Date: 8/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
MS H010	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MS S011	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MS S012	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	
MS H001	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MS S002	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MS H003	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MS H004	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MS S005	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

System: Main Steam
 Reference Drawing No. 03-106
 Preservice Inspection



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By: CJR Date: Aug 82
 App: CSB Date: 8/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
[REDACTED]	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MS H007	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MS H008	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
MS P009	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	

System: Co Spray
 Reference Drawing No. 04-01
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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 App: ASB Date: 1/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 001A	10" Pipe to Pipe	80A1566	LIM-10-.594-SS316	B-J	UT	II	
CSA 001ALD	Pipe Seam	80A1566	LIM-10-.594-SS316	B-J	UT	II	
CSA 001ALU	Pipe Seam	80A1566	LIM-10-.594-SS316	B-J	UT	II	
CSA 001	10" Pipe to 12" x 10" Reducer	80A1566	LIM-10-.594-SS316	B-J	UT	II	
CSA 001LD	Pipe Seam	80A1566	LIM-10-.594-SS316	B-J	UT	II	
CSA 001LU	Reducer Seam	80A1567	LIM-10-.594-SS316	B-J	UT	II	
CSA 002	12" x 10" Reducer to Elbow	80A1567	LIM-10-.594-SS316	B-J	UT	II	
CSA 002LD	Reducer Seam	80A1567	LIM-10-.594-SS316	B-J	UT	II	

System: Spray
 Reference Drawing No. 04-01
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

By: CJR Date: Aug 8
 App: 488 Date: 8/82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 002LU	Elbow Seam	80A1567	LIM-10-.594-SS316	-	UT	II	
CSA 003	12" Elbow to Pipe	80A1566	LIM-12-.688-316	B-J	UT	II	
CSA 003LD	Elbow Seam	80A1567	LIM-10-.594-SS316	B-J	UT	II	
CSA 003LU	Pipe Seam	80A1566	LIM-12-.688-316	B-J	UT	II	
CSA 004	12" Pipe to Elbow	80A1566	LIM-12-.688-SS316	B-J	UT	II	
CSA 004LD	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
CSA 004LU	Elbow Seam	80A1567	LIM-10-.594-SS316	B-J	UT	II	
CSA 005	12" Elbow to Pipe	80A1566	LIM-12-.688-SS316	B-J	UT	II	

System: Core Spray
 Reference Drawing No. 04-01
 Preservice Inspection



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 App: SSS Date: 8/82
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 005LD	Elbow Seam	80A1567	LIM-10- .594-SS316	B-J	UT	II	
CSA 005LU	Pipe Seam	80A1566	LIM-12- .688-SS316	B-J	UT	II	
CSA 005A	12" Pipe to Pipe	80A1566	LIM-12- .688-SS316	B-J	UT	II	
CSA 005ALD	Pipe Seam	80A1566	LIM-12- .688-SS316	B-J	UT	II	
CSA 005ALU	Pipe Seam	80A1566	LIM-12- .688-SS316	B-J	UT	II	
CSA 006	12" Pipe to Valve 1F007A	80A1566	LIM-12- .688-SS316	B-J	UT	II	
CSA 006LD	Pipe Seam	80A1566	LIM-12- .688-SS316	B-J	UT	II	
CSA 007	12" Valve 1F007A to Pipe	80A1566	LIM-12- .688-SS316	B-J	UT	II	

System: Spray
 Reference Drawing No. 04-01
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 007LU	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
CSA 008	12" Pipe to Elbow	80A1566	LIM-12-.688-SS316	B-J	UT	II	
CSA 008LD	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	II	
CSA 008LU	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
CSA 008A	12" Elbow to Pipe, (Bimetallic)	80A1567 80A1566 80A1562	LIM-12-.688-SS316 LIM-12-.688-CS	B-F	UT PT	II	
CSA 008ALD	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	II	
CSA 009	12" Pipe to Valve HV-1F006A	80A1566	LIM-12-.688-CS	B-J	UT	II	
CSA 009LD	Pipe Seam	80A1566	LIM-12-.688-CS	B-J	UT	II	

System: Core Spray
 Reference Drawing No. 04-01
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOL	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 010	Valve HV-1F006A to 12" Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
CSA 011	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	II	
CSA 012	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
CSA 013	12" Pipe to Pipe (Bimetallic)	80A1566 80A1562	LIM-12-.688-CS	B-F	UT PT	II	
CSA 014	12" Pipe to Flued Head (X-16A)	80A1566	LIM-12-.688-SS	B-J	UT	II	
CSA 015	Flued Head (X-16A) to Valve HV-1F005	80A1567	LIM-SP-182-316	B-J	UT	VII	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 016	Valve HV-1F005 to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	VII	
CSA 017	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	C-F	UT	VII	
CSA 018	Elbow to Valve HV-1F004A	80A1567	LIM-12-.688-CS	C-F	UT	VII	Elbow Side
CSA 019	Valve HV-1F004A to 14" x 12" Reducer	80A1567	LIM-12-.688-CS	C-F	UT	VII	Reducer Side
CSA 020	14" x 12" Reducer to Flange (FO-1D002A)	80A1567	LIM-14-.375-CS	C-F	UT	VII	Reducer Side
CSA 021	Flange FO-1D002A to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	VII	
CSA 022	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	VII	
CSA 023	Elbow to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	VII	

System: Core Spray
 Reference Drawing No. 04-02
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 024	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	VII	
CSA 025	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	VII	
CSA 026	14" Pipe to 14" x 14" x 10" Tee	80A1566	LIM-14-.375-CS	C-F	UT	IX	
CSA 027	14" x 14" x 10" Tee to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	IX	
CSA 028	14" Pipe to Flange FE-1N002A	80A1566	LIM-14-.375-CS	C-F	UT	IX	
CSA 029	Flange FE-1N002A to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	IX	
CSA 030	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	XI	
CSA 094	14" x 14" x 10" Tee to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	

System: Core Spray
 Reference Drawing No. 04-02
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 095	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSA 096	Elbow to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSA 097	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSA 098	Elbow to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSA 098A	10" Pipe to Flange F0-115A2	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSA 098B	Flange F0-115A2 to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSA 098C	Pipe to Flange F0-115A1	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSA 098D	Flange F0 115A1 to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	

System: Core Spray
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 099	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSA 100	Elbow to Valve HV-1F015A	80A1567	LIM-10-.365-CS	C-F	UT	IX	Elbow Side
CSA 100A	Valve HV-1F015A to Flued Head (X-207A)	80A1567	LIM-SP-105	C-F	UT	IX	

System: Fire Spray
 Reference Drawing No. 04-03
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 031	Elbow to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	XI	
CSA 032	14" Pipe to 14" x 14" x 12" Tee	80A1566	LIM-14-.375-CS	C-F	UT	XI	
CSA 033	14" x 14" x 12" Tee to 14" x 12" Reducer	80A1567	LIM-14-.375-CS	C-F	UT	XI	
CSA 034	14" x 12" Reducer to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 035	12" Pipe to Elbow	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 036	Elbow to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 037	12" Pipe to Elbow	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 038	Elbow to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 039	12" Pipe to Elbow	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 040	Elbow to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 041	12" Pipe to Valve 1F020A	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 042	Valve 1F020A to Elbow	80A1567	LIM-12-.375-CS	C-F	UT	XI	Elbow Side
CSA 043	Elbow to Valve 1F003A	80A1567	LIM-12-.375-CS	C-F	UT	XI	Elbow Side
CSA 044	Valve 1F003A to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 045	12" Pipe to 12" x 10" Reducing Elbow	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 046	12" x 10" Reducing Elbow to Flange	80A1567	LIM-10-.375-CS	C-F	UT	XI	Elbow Side

System: Core Spray
 Reference Drawing No. 04-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 047	Flange to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 048	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 049	Elbow to Flange	80A1567	LIM-16-.375-CS	C-F	UT	XI	
CSA 050	Flange to Elbow	80A1567	LIM-16-.375-CS	C-F	UT	XI	
CSA 051	Elbow to 16" x 16" x 14" Tee	80A1567	LIM-16-.375-CS	C-F	UT	XI	
CSA 052	16" x 16" x 14" Tee to Elbow	80A1567	LIM-14-.375-CS	C-F	UT	XI	
CSA 053	Elbow to Valve 1F002A	80A1567	LIM-14-.375-CS	C-F	UT	XI	
CSA 054	16" x 16" x 14" Tee to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	

System: Core Spray
 Reference Drawing No. 04-03
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 055	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 056	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 057	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 058	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 059	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 060	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 061	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 062	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	

System: Core Spray
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 063	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 064	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 065	16" Pipe to Valve HV-1F001A	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 065A	Valve HV-1F001A to Flued Head (X-206A)	80A1567	LIM-SP-105	C-F	UT	XI	
CSA 066	14" x 14" x 12" Tee to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 067	12" Pipe to Valve 1F020C	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 068	Valve 1F020C to Elbow	80A1567	LIM-12-.375-CS	C-F	UT	XI	Elbow Side
CSA 069	Elbow to Valve 1F003C	80A1567	LIM-12-.375-CS	C-F	UT	XI	Elbow Side

System: Core Spray
 Reference Drawing No. 04-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 070	Valve IF003C to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 071	12" Pipe to Elbow	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 072	Elbow to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 073	12" Pipe to 12" x 10" Reducer	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSA 074	12" x 10" Reducer to Flange	80A1567	LIM-10-.375-CS	C-F	UT	XI	Reducer Side
CSA 075	Flange to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 076	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 077	Elbow to Flange	80A1567	LIM-16-.375-CS	C-F	UT	XI	Elbow Side

System: Core Spray
 Reference Drawing No. 04-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 078	Flange to Elbow	80A1567	LIM-16-.375-CS	C-F	UT	XI	Elbow Side
CSA 079	Elbow to 16" x 16" x 14" Tee	80A1567	LIM-16-.375-CS	C-F	UT	XI	
CSA 080	16" x 16" x 14" Tee to 14" Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 080A	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	XI	
CSA 081	Elbow to Valve 1F002C	80A1567	LIM-14-.375-CS	C-F	UT	XI	Elbow Side
CSA 082	16" x 16" x 14" Tee to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 083	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 084	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 085	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 086	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 087	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 088	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 089	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 090	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 091	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 092	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	

System: Core Spray
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSA 093	16" Pipe to Valve HV-1F001C	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSA 093A	16" Valve HV-1F001C to Flued Head (X-206C)	80A1567	LIM-SP-105	C-F	UT	XI	

System: Fire Spray
 Reference Drawing No. 04-04
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 001A	10" Pipe to Pipe	80A1566	LIM-10-.594-SS316	B-J	UT	VII	
CSB 001ALD	Pipe Seam	80A1566	LIM-10-.594-SS316	B-J	UT	VII	
CSB 001ALU	Pipe Seam	80A1566	LIM-10-.594-SS316	B-J	UT	VII	
CSB 001	10" Pipe to 10" x 12" Reducer	80A1566	LIM-10-.594-SS316	B-J	UT	VII	
CSB 001LD	Pipe Seam	80A1566	LIM-10-.594-SS316	B-J	UT	VII	
CSB 001LU	Reducer Seam	80A1567	LIM-10-.594-SS316	B-J	UT	VII	
CSB 002	10" x 12" Reducer to 12" Elbow	80A1567	LIM-10-.594-SS316	B-J	UT	VII	
CSB 002LD	Reducer Seam	80A1567	LIM-10-.594-SS316	B-J	UT	VII	

System: Fire Spray
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 002LU	Elbow Seam	80A1567	LIM-10-.594-SS316	B-J	UT	VII	
CSB 003	12" Elbow to Pipe	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 003LD	Elbow Seam	80A1567	LIM-10-.594-SS316	B-J	UT	VII	
CSB003LU	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	VII	△ 4
CSB 004	12" Pipe to Elbow	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 004LD	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 004LU	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	VII	
CSB 005	12" Elbow to Pipe	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 005LD	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	VII	

System: Core Spray
 Reference Drawing No. 04-04
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<u>PIPING WELDS</u>							
CSB 005LU	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 005A	12" Pipe to Pipe	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 005ALD	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 005ALU	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 006	12" Pipe to Valve 1F007B	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 006LD	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 007	Valve 1F007B to Pipe	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 007LU	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	VII	

PROGRAM PLAN AND SCHEDULE



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 008	12" Pipe to Elbow	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 008LD	Pipe Seam	80A1566	LIM-12-.688-SS316	B-J	UT	VII	
CSB 008LU	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	VII	
CSB 008A	12" Elbow to Pipe	80A1566	LIM-12-.688-SS316,	B-J	UT	VII	
CSB 008ALD	Elbow Seam	80A1567	LIM-12-.688-SS316	B-J	UT	VII	
CSB 008ALU	Pipe Seam	80A1566	LIM-12-.688-CS	B-J	UT	VII	
CSB 009	12" Pipe to Valve HVIF006B	80A1566	LIM-12-.688-CS	B-J	UT	VII	
CSB 009LD	Pipe Seam	80A1566	LIM-12-.688-CS	B-J	UT	VII	

System: Core Spray
 Reference Drawing No. 04-04
 Preservice Inspection



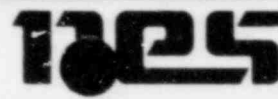
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 010	Valve HV-1F006B to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
CSB 011	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	VII	
CSB 012	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
CSB 013	12" Pipe to Flued Head (X-16B) (Bimetallic)	80A1566	LIM-12-.688-CS,	B-F	UT	VII	
		80A1562	LIM-SP-182-316		PT		
CSB 015	Flued Head (X-16B) to Valve HV-108	80A1567	LIM-SP-182-316	B-J	UT	VII	

System: Fire Spray
 Reference Drawing No. 04-05
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 016	Valve HV-108 to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	VII	
CSB 017	12" Pipe to Tee	80A1566	LIM-12-.688-CS	C-F	UT	VII	
CSB 018	12" Tee to Elbow	80A1567	LIM-12-.688-CS	C-F	UT	VII	
CSB 019	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	VII	
CSB 020	12" Pipe to Valve HV-1F037	80A1566	LIM-12-.688-CS	C-F	UT	VII	
CSB 021	Valve HV-1F037 to Pipe	80A1566	LIM-12-.688-CS	C-F	UT	VII	
CSB 022	12" Pipe to Valve HV-1F004B	80A1566	LIM-12-.688-CS	C-F	UT	VII	
CSB 023	Valve HV-1F004B to 12" x 14" Reducer	80A1567	LIM-12-.375-CS	C-F	UT	VII	Reducer Side

System: Core Spray
 Reference Drawing No. 04-05
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 024	12" x 14" Reducer to Flange (FO-1D002B)	80A1567	LIM-14-.375-CS	C-F	UT	VII	Reducer Side
CSB 025	Flange (FO-1D002A) to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	VII	
CSB 026	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	VII	
CSB 027	Elbow to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	VII	
CSB 028	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	VII	
CSB 029	Elbow to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	VII	
CSB 030	14" Pipe to 14" x 14" x 10" Tee	80A1566	LIM-14-.375-CS	C-F	UT	IX	
CSB 031	14" x 14" x 10" Tee to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	IX	

System: Fire Spray
 Reference Drawing No. 04-05
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 032	14" Pipe to Flange (FE-1N002B)	80A1566	LIM-14-.375-CS	C-F	UT	IX	
CSB 033	Flange (FE-1N002B) to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	IX	
CSB 034	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	XI	
CSB 100	14" x 14" x 10" Tee to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSB 101	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSB 102	Elbow to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSB 103	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSB 104	Elbow to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	

System: Core Spray
 Reference Drawing No. 04-05
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 104A	10" Pipe to Flange (F0-115B2)	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSB 104B	Flange (F0-115B2) to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSB 104C	Pipe to Flange (F0-115B1)	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSB 104D	Flange (F0-115B1) to Pipe	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSB 105	10" Pipe to Elbow	80A1566	LIM-10-.365-CS	C-F	UT	IX	
CSB 106	Elbow to Valve HV-1F015B	80A1567	LIM-10-.365-CS	C-F	UT	IX	Elbow Side
CSB 106A	Valve HV-1F015B to Flued Head (X-207B)	80A1567	LIM-SP-105	C-F	UT	IX	

System: Spray
 Reference Drawing No. 04-06
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 035	Elbow to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	XI	
CSB 036	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	XI	
CSB 037	Elbow to Pipe	80A1566	LIM-14-.375-CS	C-F	UT	XI	
CSB 038 R	14" Pipe to 14" x 14" x 12" Tee	80A1566	LIM-14-.375-CS	C-F	UT	XI	
CSB 039	14" x 14" x 12" Tee to 14" x 12" Reducer	80A1567	LIM-14-.375-CS	C-F	UT	XI	
CSB 040	14" x 12" Reducer to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 041	12" Pipe to Elbow	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 042	Elbow to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 043	12" Pipe to Elbow	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 044	Elbow to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 045	12" Pipe to Elbow	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 046	Elbow to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 047	12" Pipe to Valve 1F020B	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 048	Valve 1F020B to Elbow	80A1567	LIM-12-.375-CS	C-F	UT	XI	Elbow Side
CSB 049	Elbow to Valve 1F003B	80A1567	LIM-12-.375-CS	C-F	UT	XI	Elbow Side
CSB 050	Valve 1F003B to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	

System: e Spray
 Reference Drawing No. 04-06
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 051	12" Pipe to 12" x 10" Reducing Elbow	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 052	12" x 10" Reducing Elbow to Flange	80A1567	LIM-10-.375-CS	C-F	UT	XI	Elbow Side
CSB 072	14" x 14" x 12" Tee to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 073	12" Pipe to Valve 1F020D	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 074	Valve 1F020D to Elbow	80A1567	LIM-12-.375-CS	C-F	UT	XI	Elbow Side
CSB 075	Elbow to Valve 1F003D	80A1567	LIM-12-.375-CS	C-F	UT	XI	Elbow Side
CSB 076	Valve 1F003D to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 077	12" Pipe to Elbow	80A1566	LIM-12-.375-CS	C-F	UT	XI	

System: Core Spray
 Reference Drawing No. 04-06
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 078	Elbow to Pipe	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 079	12" Pipe to 12" x 10" Reducer	80A1566	LIM-12-.375-CS	C-F	UT	XI	
CSB 080	12" x 10" Reducer to Flange	80A1567	LIM-10-.375-CS	C-F	UT	XI	Reducer Side



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 053	Flange to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 054	Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 055	Elbow to Flange	80A1567	LIM-16-.375-CS	C-F	UT	XI	Elbow Side
CSB 056	Flange to Elbow	80A1567	LIM-16-.375-CS	C-F	UT	XI	Elbow Side
CSB 057	Elbow to 16" x 16" x 14" Tee	80A1567	LIM-16-.375-CS	C-F	UT	XI	
CSB 058	16" x 16" x 14" Tee to Elbow	80A1567	LIM-14-.375-CS	C-F	UT	XI	
CSB 059	Elbow to Valve 1F002B	80A1567	LIM-14-.375-CS	C-F	UT	XI	Elbow Side
CSB 060	16" x 16" x 14" Tee to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	

System: Core Spray
 Reference Drawing No. 04-07
 Preservice Inspection



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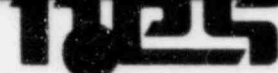
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 061	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 062	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 063	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 064	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 065	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 066	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 067	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 068	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	

System: Fire Spray
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 069	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 070	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 071	16" Pipe to Valve HV-1F001B	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 071A	Valve HV-1F001B to Flued Head (X-206B)	80A1567	LIM-SP-105	C-F	UT	XI	
CSB 081	Flange to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 082	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 083	Elbow to Flange	80A1567	LIM-16-.375-CS	C-F	UT	XI	Elbow Side
CSB 084	Flange to Elbow	80A1567	LIM-16-.375-CS	C-F	UT	XI	Elbow Side

System: Core Spray
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<u>PIPING WELDS</u>							
CSB 085	Elbow to 16" x 16" x 14" Tee	80A1567	LIM-16-.375-CS	C-F	UT	XI	
CSB 086	16" x 16" x 14" Tee to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 086A	14" Pipe to Elbow	80A1566	LIM-14-.375-CS	C-F	UT	XI	
CSB 087	Elbow to Valve iF002D	80A1567	LIM-14-.375-CS	C-F	UT	XI	Elbow Side
CSB 088	16" x 16" x 14" Tee to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 089	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 090	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 091	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	

System:  Spray
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<u>PIPING WELDS</u>							
CSB 092	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 093	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 094	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 095	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 096	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 097	16" Pipe to Elbow	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 098	Elbow to Pipe	80A1566	LIM-16-.375-CS	C-F	UT	XI	
CSB 099	16" Pipe to Valve HV-1F001D	80A1566	LIM-16-.375-CS	C-F	UT	XI	



System: Core Spray
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
CSB 099A	Valve HV-1F001D to Flued Head (X-206D)	80A1567	LIM-SP-105	C-F	UT	XI	

System: Core Spray
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<u>PIPING WELDS</u>							
CSC 001	6" Flued Head (X - 237) to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	XI	
CSC 002	6" Pipe to Valve HV127	80A1566	LIM-6-.432-CS	C-F	UT	XI	
CSC 003	Valve HV127 to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	XI	
CSC 004	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	XI	
CSC 005	Elbow to Elbow	80A1567	LIM-6-.280-CS	C-F	UT	XI	
CSC 006	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	XI	
CSC 007	6" Pipe to Elbow	80A1566	LIM-6-.280-CS	C-F	UT	XI	
CSC 008	Elbow to 6" Pipe	80A1566	LIM-6-.280-CS	C-F	UT	XI	

System: Spray
 Reference Drawing No. 04-08
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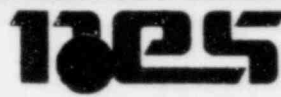
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<u>PIPING WELDS</u>							
CSC 009	6" Pipe to Valve HV128	80A1566	LIM-6-.280-CS	C-F	UT	XI	

System: Fire Spray
 Reference Drawing No. 04-101
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSA H001	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
CSA H002	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	

System: Fire Spray
 Reference Drawing No. 04-102
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSA P003	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	
CSA P004	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	
CSA H005	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	
CSA H006	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VII	
CSA P007	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	4
CSA P008	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	IX	4

System: Bare Spray
 Reference Drawing No. 04-103
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSA P009	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA P010	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA H011	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA P012	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA H013	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA P014	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA H015	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA H016	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	

System: Spray
 Reference Drawing No. 04-103
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSA P017	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
CSA P018	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
CSA P019	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA P020	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA P021	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA S022	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	2
CSA P023	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
CSA H024	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	

System: Core Spray
 Reference Drawing No. 04-103
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSA P025	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA P026	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
CSA P027	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA P028	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA P029	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
CSA S030	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA P031	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA P032	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	

System: Fire Spray
 Reference Drawing No. 04-103
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

By: CJR Date: Aug 82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSA P033	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA S034	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA H035	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA P036	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSA H037	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	

System: Fire Spray
 Reference Drawing No. 04-104
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

By: CR Date: Aug 82
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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSB H001	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
CSB H002	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	



System: Spray
 Reference Drawing No. 04-105
 Preservice Inspection

PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSB P003	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	
CSB P004	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	
CSB P005	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	
CSB H006	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	
CSB H007	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	
CSB P008	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	4
CSB H009	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VII	4
CSB P010	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	4

System: Fire Spray
 Reference Drawing No. 04-105
 Preservice Inspection




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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSB P011	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	4
CSB P012	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	4
CSB P013	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
CSB P014	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
CSB P043	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
CSB S044	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
CSB H045	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
CSB P046	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

System:  e Spray
 Reference Drawing No. 04-105
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSB P047	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

System: Core Spray
 Reference Drawing No. 04-106
 Preservice Inspection




PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO	REMARKS
<u>PIPE SUPPORTS</u>							
CSB H015	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P016	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P017	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB S018	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P019	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P020	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P021	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P022	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	

System:  e Spray
 Reference Drawing No. 04-106
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSB P029	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P030	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P031	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
CSB H032	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P033	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	

System: Core Spray
 Reference Drawing No. 04-107
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSB P023	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
CSB P024	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P025	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB S026	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P027	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB H028	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB H034	Pipe Support, Stanchion	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	
CSB P035	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	

System: Core Spray
 Reference Drawing No. 04-107
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSB S036	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P037	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P038	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB H039	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB S040	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB P041	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
CSB H042	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	



PROGRAM PLAN AND SCHEDULE

System: Core Spray
Reference Drawing No. 04-108
Preservice Inspection

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
CSC P001	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	

System: Foodwater
 Reference Drawing No. 05-01
 Preservice Inspection



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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
FWA 001A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 001	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 002	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 002A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 003	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 004	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 005	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 006	12" Pipe to 12" x 20" Reducer	80A1566	LIM-12-.688-CS	B-J	UT	II	

System: Edgewater
 Reference Drawing No. 05-01
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
FWA 007	12" x 20" Reducer to 20" x 20" x 12" Tee	80A1567	LIM-SP-350	B-J	UT	II	
FWA 008A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 008	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 009	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 009A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 010	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 011	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 012	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	II	

System: Feedwater
 Reference Drawing No. 05-01
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
FWA 013	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 014	12" Pipe to 20" x 20" x 12" Tee	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 015	20" x 20" x 12" Tee to 20" Pipe	80A1566	LIM-20-1.031-CS	B-J	UT	II	
FWA 016	20" Pipe to Pipe	80A1566	LIM-20-1.031-CS	B-J	UT	II	
FWA 017	20" Pipe to 20" x 24" Reducer	80A1566	LIM-20-1.031-CS	B-J	UT	II	
FWA 018	20" x 24" Reducer to 24" x 24" x 12" Tee	80A1567	LIM-SP-350	B-J	UT	II	
FWA 019A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 019	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	II	



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PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
FWA 020	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 021	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 022	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 023	12" Elbow to Elbow	80A1567	LIM-SP-333	B-J	UT	II	
FWA 024	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 025	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 026	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	II	
FWA 027	12" Pipe to 24" x 24" x 12" Tee	80A1566	LIM-12-.688-CS	B-J	UT	II	



PROGRAM PLAN AND SCHEDULE

80A1558
 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
FWA 028	24" x 24" x 12" Tee to 24" Elbow	80A1567	LIM-SP-350 LIM-SP-333	B-J	UT	II	Tee Side Ell Side
FWA 029	24" Elbow to Pipe	80A1566	LIM-24- 1.812 CS-F	B-J	UT	II	Pipe Side
FWA 029A	24" Pipe to 4" Sweepolet	80A1562	N/A	B-J	PT	II	
FWA 030	24" Pipe to Valve HV-1F011A	80A1566	LIM-24- 1.812-CS-F	B-J	UT	II	Pipe Side
FWA 031	24" Valve HV-1F011A to Elbow	80A1567	LIM-SP-333	B-J	UT	II	Ell Side
FWA 032	Elbow to Valve 1F010A	80A1567	LIM-SP-333	B-J	UT	II	Ell Side
FWA 033	Valve 1F010A to Flued Head (X-9A)	80A1567	LIM-SP-350	B-J	UT	II	
FWA 034	Flued Head (X-9A) to Valve HV-1F074A	80A1567	LIM-SP-350	B-J	UT	II	

System: Water
 Reference Drawing No. 05-02
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
FWA 035	Valve HV-1F074A to 24" Pipe	80A1566	LIM-24-1.812-CS	C-F	UT	VII	
FWA 036	24" Pipe to 24" x 24" x 16" Tee	80A1566	LIM-24-1.812-CS	C-F	UT	VII	
FWA 037	24" x 24" x 16" Tee to Valve HV-1F032A	80A1567	LIM-24-1.812-CS	C-F	UT	VII	Tee Side
FWA 038	24" x 24" x 16" Tee to Elbow	80A1567	LIM-16-1.219-CS	C-F	UT	VII	Tee Side
FWA 039	16" Elbow to Elbow	80A1567	LIM-SP-181	C-F	UT	VII	
FWA 040	16" Elbow to Pipe	80A1566	LIM-16-1.219-CS	C-F	UT	VII	
FWA 041	16" Pipe to Valve HV-109A	80A1566	LIM-16-1.219-CS	C-F	UT	VII	

System: **Water**
 Reference Drawing No. 05-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
FWB 001A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 001	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 002	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 002A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 003	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 004	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 005	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 006	12" Pipe to 12" x 20" Reducer	80A1566	LIM-12-.688-CS	B-J	UT	VII	

System: Edgewater
 Reference Drawing No. 05-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
FWB 007	12" x 20" Reducer to 20" x 20" x 12" Tee	80A1567	LIM-SP-350	B-J	UT	VII	
FWB 008A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 008	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 009	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 009A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 010	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 011	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 012	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	

System: Feedwater
 Reference Drawing No. 05-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
FWB 013	12" Pipe to 20" x 20" x 12" Tee	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 014	20" x 20" x 12" Tee to Pipe	80A1566	LIM-20-1.031-CS	B-J	UT	VII	
FWB 015	20" Pipe to 20" x 24" Reducer	80A1566	LIM-20-1.031-CS	B-J	UT	VII	
FWB 016	20" x 24" Reducer to 24" x 24" x 12" Tee	80A1567	LIM-SP-350	B-J	UT	VII	
FWB 017A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 017	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 018	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 018A	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	

System: Water
 Reference Drawing No. 05-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
FWB 019	12" Pipe to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 020	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 021	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 022	12" Pipe to Elbow	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 023	12" Elbow to Pipe	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 024	12" Pipe to 24" x 24" x 12" Tee	80A1566	LIM-12-.688-CS	B-J	UT	VII	
FWB 025	24" x 24" x 12" Tee to Elbow	80A1567	LIM-SP-350	B-J	UT	VII	Tee Side
FWB 026	24" Elbow to Pipe	80A1566	LIM-24-1.812-CS-F	B-J	UT	VII	Pipe Side

System: Feedwater
 Reference Drawing No. 05-03
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
FWB 027	24" Pipe to Valve HV-1F011B	80A1566	LIM-24-1.812-CS-F	B-J	UT	VII	Pipe Side
FWB 028	24" Valve HV-1F011B to Elbow	80A1567	LIM-SP-333	B-J	UT	VII	Ell Side
FWB 029	24" Elbow to Valve 1F010B	80A1567	LIM-SP-333	B-J	UT	VII	Ell Side
FWB 030	24" Valve 1F010B to Flued Head (X-9B)	80A1567	LIM-SP-350	B-J	UT	VII	
FWB 031	Flued Head (X-9B) to Valve HV-1F074B	80A1567	LIM-SP-350	B-J	UT	VII	

System: Edgewater
 Reference Drawing No. 05-04
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
FWB 032	Valve HV-1F074B to Pipe	80A1566	LIM-24-1.812-CS	C-F	UT	VII	
FWB 033	24" Pipe to 6" Sweeplet	80A1566	LIM-24-1.812-CS	C-F	UT	VII	
FWB 034	24" Pipe to Tee	80A1566	LIM-24-1.812-CS	C-F	UT	VII	
FWB 035	24" x 24" x 16" Tee to Valve HV-1F032B	80A1567	LIM-24-1.812-CS	C-F	UT	VII	Tee Side
FWB 036	Tee to Elbow	80A1567	LIM-16-1.218-CS	C-F	UT	VII	Tee Side
FWB 037	16" Elbow to Elbow	80A1567	LIM-SP-181	C-F	UT	VII	
FWB 038	16" Elbow to Pipe	80A1566	LIM-16-1.218-CS	C-F	UT	VII	
FWB 039	16" Pipe to Valve HV-109B	80A1566	LIM-16-1.218-CS	C-F	UT	VII	

System: Water
 Reference Drawing No. 05-101
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
FWA H001	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWA H002	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWA H003	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWA H004	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWA H005	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWA H006	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWA P007	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWA H008	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	

System: Water
 Reference Drawing No. 05-101
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
FWA P009	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	

System: Edgewater
Reference Drawing No. 05-102
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
FWA H010	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	

System: Edgewater
 Reference Drawing No. 05-103
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
FWB H001	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWB H002	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWB H003	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWB H004	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWB H005	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWB H006	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWB P007	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
FWB H008	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	

System: Feedwater
Reference Drawing No. 05-103
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
FWB P009	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	

System: Feedwater
Reference Drawing No. 05-104
Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
FWB H010	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	

System: IC
 Reference Drawing No. 06-01
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RC 001A	3" Pipe To 3"x4" Reducer	80A1566	LIM-3-.438-CS	B-J	UT	III	△ 4
RC 001	4" x 3" Reducer to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	III	
RC 002	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	III	
RC 003	Elbow to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	III	
RC 004	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	III	
RC 005	Elbow to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	III	
RC 006	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	III	
RC 007	Elbow to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	III	

System: 121C
 Reference Drawing No. 06-01
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RC 008	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	III	
RC 009	Elbow to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	III	
RC 010	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	III	
RC 011	Elbow to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	III	
RC 012	4" Pipe to FE IN 016	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RC 013	FE IN 016 to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RC 014	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	V	
RC 015	Elbow to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	V	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RC 015A	4" Pipe to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	V	
RC 016	4" Pipe to 4" x 3" Reducer	80A1566	LIM-4-.337-CS	B-J	UT	V	
RC 124	4"x3" Reducer To 3" Elbow	80A1567	LIM-3-.438-CS	B-J	UT	V	
RC 125	3" Elbow To Pipe	80A1566	LIM-3-.438-CS	B-J	UT	V	
RC 126	3" Pipe To Valve HVIF007	80A1566	LIM-3-.438-CS	B-J	UT	V	
RC 127	Valve HVIF007 To Pipe	80A1566	LIM-3-.438-CS	B-J	UT	V	
RC 128	3" Pipe To Elbow	80A1566	LIM-3-.438-CS	B-J	UT	V	
RC 129	3" Elbow To Pipe	80A1566	LIM-3-.438-CS	B -J	UT	V	

System: RCIC
 Reference Drawing No. 06-01
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RC 130	3" Pipe To Flued Head (X-10)	80A1566	LIM-3- .438-CS	B-J	UT	V	
RC 131	Flued Head (X-10) To HV1F008 Valve	80A1567	LIM-SP- 105	B-J	UT	V	

System: C/CIC
 Reference Drawing No. 06-02
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RC 017	6" x 3" Reducer to Elbow	80A1567	LIM-6-.432-CS	C-F	UT	IX	
RC 018	Elbow to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	IX	
RC 019	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	IX	
RC 020	Elbow to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	IX	
RC 021 R	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	IX	
RC 022	Elbow to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	IX	
RC 023	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	IX	
RC 024	Elbow to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	IX	

System: RCIC
 Reference Drawing No. 06-02
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RC 025	6" Pipe to Elbow	80A1566	LIM-6- .432-CS	C-F	UT	IX	
RC 026	Elbow to Pipe	80A1566	LIM-6- .432-CS	C-F	UT	IX	
RC 027	6" Pipe to Elbow	80A1566	LIM-6- .432-CS	C-F	UT	IX	
RC 028	Elbow to Pipe	80A1566	LIM-6- .432-CS	C-F	UT	IX	
RC 029	6" Pipe to Elbow	80A1566	LIM-6- .432-CS	C-F	UT	IX	
RC 030	Elbow to Pipe	80A1566	LIM-6- .432-CS	C-F	UT	IX	
RC 031	6" Pipe to Elbow	80A1566	LIM-6- .432-CS	C-F	UT	IX	
RC 032	Elbow to Pipe	80A1566	LIM-6- .432-CS	C-F	UT	IX	

System: **IC**
 Reference Drawing No. 06-02
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<u>PIPING WELDS</u>							
RC 033	6" Pipe to Elbow	80A1566	LIM-6- .432-CS	C-F	UT	IX	
RC 034 R	Elbow to Pipe	80A1566	LIM-6- .432-CS	C-F	UT	IX	
RC 035	6" Pipe to Elbow	80A1566	LIM-6- .432-CS	C-F	UT	X	
RC 036	Elbow to Pipe	80A1566	LIM-6- .432-CS	C-F	UT	X	
RC 037	6" Pipe to Elbow	80A1566	LIM-6- .432-CS	C-F	UT	X	
RC 038	Elbow to Pipe	80A1566	LIM-6- .432-CS	C-F	UT	X	
RC 039	6" Pipe to Elbow	80A1566	LIM-6- .432-CS	C-F	UT	XI	
RC 040	Elbow to Pipe	80A1566	LIM-6- .432-CS	C-F	UT	XI	

System: RCIC
 Reference Drawing No. 06-02
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<u>PIPING WELDS</u>							
RC 041	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 042	Elbow to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 043	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 044	Elbow to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 045	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 046	Elbow to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 047	6" Pipe to 6" Tee	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 048	6" Tee to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	XI	

System: **ZIC**
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<u>PIPING WELDS</u>							
RC 049	6" Pipe to Cap	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 050	6" Tee to Valve HV-1F045	80A1567	LIM-6-.432-CS	C-F	UT	XI	Tee Side
RC 051	Valve HV-1F045 to Elbow	80A1567	LIM-6-.432-CS	C-F	UT	XI	Elbow Side
RC 052	6" Elbow to 6" x 3" Reducer	80A1567	LIM-6-.432-CS	C-F	UT	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RC 053	24" x 6" Sweepolet to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	VII	
RC 054	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	VII	
RC 055 R	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	VII	
RC 056	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	VII	
RC 057 R	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	VII	
RC 058 R	6" Pipe to 6" x 6" x 4" Tee	80A1566	LIM-6-.562-CS	C-F	UT	VII	
RC 059	6" x 6" x 4" Tee to Valve HV-1F013	80A1567	LIM-6-.562-CS	C-F	UT	VII	Tee Side
RC 060	Valve HV-1F013 to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	VII	



System: RCIC
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<u>PIPING WELDS</u>							
RC 061	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 062	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 063	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 064	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 065	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 066	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 067	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 068	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	IX	



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<u>PIPING WELDS</u>							
RC 069	6" Pipe to Elbow	80A1566	M-6-.562-CS	C-F	UT	IX	
RC 070	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 071	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 072	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 073	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 074	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 075	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	X	
RC 076	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	X	



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<u>PIPING WELDS</u>							
RC 077	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	X	
RC 078	Elbow to Tee	80A1567	LIM-6-.562-CS	C-F	UT	X	
RC 079	Tee to 6" x 4" Reducer	80A1567	LIM-6-.562-CS	C-F	UT	X	Tee Side
RC 080	6" x 6" x 4" Tee to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	X	
RC 081	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	X	
RC 082	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	X	
RC 083	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	X	
RC 084	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	X	



System: 11C
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<u>PIPING WELDS</u>							
RC 085	6" Pipe to Elbow	80A1566	LIM-6-.562-CS	C-F	UT	X	
RC 086	Elbow to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	X	
RC 087	6" Pipe to Valve HV-1F012	80A1566	LIM-6-.562-CS	C-F	UT	X	
RC 088	Valve HV-1F012 to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	X	
RC 089	6" Pipe to Valve 1F014	80A1566	LIM-6-.562-CS	C-F	UT	X	

System: RUC
 Reference Drawing No. 06-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RC 090	Valve IF014 to Pipe	80A1566	LIM-6-.562-CS	C-F	UT	IX	
RC 091	6" Pipe to Flange (FE 1N001)	80A1566	LIM-6-.432-CS	C-F	UT	IX	
RC 092	Flange (FE 1N001) To Pipe	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 093	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 094	Elbow to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 095	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 096	Elbow to Pipe	80A1566	LIM-6-.432-CS	C-F	UT	XI	
RC 097	6" Pipe to Elbow	80A1566	LIM-6-.432-CS	C-F	UT	XI	

System: RCIC
 Reference Drawing No. 06-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RC 098	Elbow to Pipe	80A1566	LIM-6- .432-CS	C-F	UT	XI	
RC 099	6" Pipe to Pump 10P203	80A1566	LIM-6- .432-CS	C-F	UT	XI	

System: IC
 Reference Drawing No. 06-04
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RC 100	8" Flange To 10"x10"x8" Tee	80A1567	LIM-10-.365-CS	C-F	UT	XI	Tee Side
RC 101	10"x10"x8" Tee To 10" Pipe	80A1566	LIM-10-.365-CS	C-F	VT	Xi	
RC 102	10" Pipe to Cap	80A1566	LIM-10-.365-CS	C-F	UT	XI	
RC 103	10"x10"x8" Tee To 10" Pipe	80A1566	LIM-10-.365-CS	C-F	UT	XI	
RC 104	10" Pipe To Elbow	80A1566	LIM-10-.365-CS	C-F	UT	XI	
RC 105	10" Elbow To 10"x10"x8" Tee	80A1567	LIM-10-.365-CS	C-F	UT	XI	
RC 106	10"x10"x8" Tee To 10" Pipe	80A1566	LIM-10-.365-CS	C-F	UT	XI	
RC 107	10" Pipe To Elbow	80A1566	LIM-10-.365-CS	C-F	UT	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RC 108	10" Elbow To Pipe	80A1566	LIM-10-.365-CS	C-F	UT	XI	
RC 109	10" Pipe To Elbow	80A1566	LIM-10-.365-CS	C-F	UT	XI	
RC 110	10" Elbow To Pipe	80A1566	LIM-10-.365-CS	c-F	UT	XI	
RC 111	10" Pipe To Elbow	80A1566	LIM-10-.365-CS	C-F	UT	XI	
RC 112	10" Elbow To Pipe	80A1566	LIM-10-.365-CS	C-F	UT	XI	
RC 113	10" Pipe To 45° Elbow	80A1566	LIM-10-.365-CS	C-F	UT	XI	
RC 114	10" 45° Elbow To Pipe	80A1566	LIM-10-.365-CS	C-F	UT	XI	
RC 115	10" Pipe To Pipe	80A1566	LIM-10-.365-CS	C-F	UT	XI	

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ITEM NO	COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BL (If app. file)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>								
RC 116		10" Pipe To Elbow	80A1566	LIM-10-.365-CS	C-F	UT	XI	
RC 117		10" Elbow To Pipe	80A1566	LIM-10-.365-CS	C-F	UT	XI	
RC 118		10" Pipe To 10"x8" Reducer	80A1566	LIM-10-.365-CS	C-F	UT	X	△ 4
RC 119		10"x8" Reducer To 8" Elbow	80A1567	LIM-10-.365-CS	C-F	UT	X	△ 4
RC 120		8" Elbow To Valve	80A1567	LIM-8-.322-CS	C-F	UT	X	△ 4 Ell Side
RC 121		8" Valve To Pipe	80A1566	LIM-8-.322-CS	C-F	UT	X	△ 4
RC 122		8" Pipe To Valve MO-1F060	80A1566	LIM-8-.322-CS	C-F	UT	X	△ 4
RC 123		Valve M01F060 To Flued Head (X-215)	80A1567	LIM-SP-105	C-F	UT	X	△ 4

System: RCIC
 Reference Drawing No. 06-101
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CLASSIFICATION (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RC H001	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
RC H002	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
RC P003	Pipe Support	80A1561	N/A	B-K-2	VT-1	III	
RC P004	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RC P005	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	

System: RCIC
 Reference Drawing No. 06-102
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RC P006	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC S006A	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P006B	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P006C	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P007	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P008	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P009	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC S010	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

System: RCIC
 Reference Drawing No. 06-102
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RC P011	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P012	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P013	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	

System: RCIC
 Reference Drawing No. 06-102
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO	REMARKS
<u>PIPE SUPPORTS</u>							
RC S014	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P015	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P016	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P017	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RC S018	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RC P019	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	
RC S020	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC P021	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RC S022	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC S023	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC S024	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC H025	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC S026	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC S027	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC S028	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC P029	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	

System: **IC**
 Reference Drawing No. 06-102
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RC S030	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC S031	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC S032	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC P033	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC S034	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RC S035	Pipe Support	80A1561	N/A	C-E-2	VT-1	VII	
RC P036	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	
RC P037	Pipe Support, 8 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	VIII	
RC P038	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RC P039	Pipe Support	80A1561	N/A	C-E-2	VT-1	VIII	
RC P040	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P041	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P042	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	



PROGRAM PLAN AND SCHEDULE

System: RCIC
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RC S043	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P044	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P045	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P046	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P047	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P048	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P049	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P050	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RC P051	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P052	Pipe Support	80A1561	N/A	C-E-2	VT-1	IX	
RC P053	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RC P054	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	
RC P055	Pipe Support, Saddle	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	
RC P056	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RC P057	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RC P058	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	

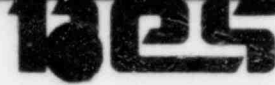


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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RC P059	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RC P060	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RC H061	Pipe Support, Saddle	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	
RC P062	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	
RC P063	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	X	
RC P064	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC P065	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC P066	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	

System: RCIC
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<u>PIPE SUPPORTS</u>							
RC P067	Pipe Support, 4 Lugs	80A1562 80A1561	N/A	C-E-1 C-E-2	PT VT-1	XI	



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<u>PIPE SUPPORTS</u>							
RC X068	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC X069	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC X070	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC X071	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC P072	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC P073	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC P074	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	
RC P075	Pipe Support	80A1561	N/A	C-E-2	VT-1	XI	



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System: CIC
Reference Drawing No. 06-104
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPE SUPPORTS</u>							
RC P076	Pipe Support, 4 Lugs	80A1562	N/A	C-E-1	PT	X	△ 4
		80A1561		C-E-2	VT-1		
RC X077	Pipe Support	80A1561	N/A	C-E-2	VT-1	X	△ 4




System: Recirc.
 Reference Drawing No. 07-01
 Preservice Inspection

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRA 001LU	Pipe Seam	80A1566	LIM-28-1.076-SS316	B-J	UT	III	
RRA 001	28" Pipe to Elbow	80A1566	LIM-28-1.076-SS316	B-J	UT	III	
RRA 001LD Min	Elbow Seam Minimum	80A1567	LIM-28-1.076-SS316	B-J	UT	III	
RRA 001LD Max	Elbow Seam Maximum	80A1567	LIM-28-1.076-SS316	B-J	UT	III	
RRA 002	28" Elbow to Pipe	80A1566	LIM-28-1.076-SS316	B-J	UT	III	
RRA 002LU Min	Elbow Seam Minimum	80A1567	LIM-28-1.076-SS316	B-J	UT	III	
RRA 002 LU Max	Elbow Seam Maximum	80A1567	LIM-28-1.076-SS316	B-J	UT	III	
RRA 002LD	Pipe Seam	80A1566	LIM-28-1.076-SS316	B-J	UT	III	



System: Recirc.
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<u>PIPING WELDS</u>							
RRA 003LU	Pipe Seam	80A1566	LIM-28- 1.076-SS316	P-J	UT	III	
RRA 003	28" Pipe to Pipe	80A1566	LIM-28- 1.076-SS316	B-J	UT	IV	
RRA 003LD	Pipe Seam	80A1566	LIM-28- 1.076-SS316	B-J	UT	IV	Full Length
RRA 004	28" Pipe to Pipe	80A1566	LIM-28- 1.076-SS316	B-J	UT	IV	
RRA 004LU	Pipe Seam	80A1566	LIM-28- 1.076-SS316	B-J	UT	IV	
RRA 004LD	Pipe Seam	80A1566	LIM-28- 1.076-SS316	B-J	UT	IV	
RRA 006	28" Pipe to Elbow	80A1566	LIM-28- 1.076-SS316	B-J	UT	V	
RRA 006LU	Pipe Seam	80A1566	LIM-28- 1.076-SS316	B-J	UT	V	



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<u>PIPING WELDS</u>							
RRA 006LD Min	Elbow Seam Minimum	80A1567	LIM-28- 1.076-SS316	B-J	UT	V	
RRA 006LD Max	Elbow Seam Maximum	80A1567	LIM-28- 1.076-SS316	B-J	UT	✓	
RRA 007	28" Elbow to Valve HV-1F023A	80A1567	LIM-28- 1.076-SS316	B-J	UT	V	
RRA 007LU Min	Elbow Seam Minimum	80A1567	LIM-28- 1.076-SS316	B-J	UT	V	
RRA 007LU Max	Elbow Seam Maximum	80A1567	LIM-28- 1.076-SS316	B-J	UT	V	
RRA 008	28" Valve HV-1F023A to Pipe	80A1566	LIM-28- 1.076-SS316	B-J	UT	V	
RRA 008LD	Pipe Seam	80A1566	LIM-28- 1.076-SS316	B-J	UT	V	Full Length
RRA 012	28" Pipe to Elbow	80A1566	LIM-28- 1.076-SS316	B-J	UT	V	



System: Recirc.
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<u>PIPING WELDS</u>							
RRA 012LU	Pipe Seam	80A1566	LIM-28-1.076-SS316	B-J	UT	V	
RRA 012LD Min	Elbow Seam Minimum	80A1567	LIM-28-1.076-SS316	B-J	UT	V	
RRA 012LD Max	Elbow Seam Maximum	80A1567	LIM-28-1.076-SS316	B-J	UT	V	
RRA 013	28" Elbow to Pump (IAP201)	80A1567	LIM-28-1.076-SS316	B-J	UT	V	
RRA 013LU Min	Elbow Seam Minimum	80A1567	LIM-28-1.076-SS306	B-J	UT	V	
RRA 013LU Max	Elbow Seam Maximum	80A1567	LIM-28-1.076-SS316	B-J	UT	V	
RRA 014	Pump (IAP201) to 28" Pipe	80A1566	LIM-28-1.285-SS316	B-J	UT	V	
RRA 014LD	Pipe Seam	80A1566	LIM-28-1.285-SS316	B-J	UT	V	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRA 017	28" Pipe to Valve HV-1F031A	80A1566	LIM-28-1.285-SS316	B-J	UT	V	
RRA 017LU	Pipe Seam	80A1566	LIM-28-1.285-SS316	B-J	UT	V	
RRA 018	Valve HV-1F031A to 28" Elbow	80A1567	LIM-28-1.285-SS316	B-J	UT	V	
RRA 018LD Min	Elbow Seam Minimum	80A1567	LIM-28-1.285-SS316	B-J	UT	V	
RRA 018LD Max	Elbow Seam Maximum	80A1567	LIM-28-1.285-SS316	B-J	UT	V	
RRA 019	28" Elbow to Pipe	80A1566	LIM-28-1.285-SS316	B-J	UT	V	
RRA 019LU Min	Elbow Seam Minimum	80A1567	LIM-28-1.285-SS316	B-J	UT	V	
RRA 019LU Max	Elbow Seam Maximum	80A1567	LIM-28-1.285-SS316	B-J	UT	V	

System: Recirc.
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRA 019LD	Pipe Seam	80A1566	LIM-28-1.285-SS316	B-J	UT	V	
RRA 022	28" Pipe to 28" x 28" x 12" Tee	80A1566	LIM-28-1.285-SS316	B-J	UT	IV	
RRA 022LU	Pipe Seam	80A1566	LIM-28-1.285-SS316	B-J	UT	IV	
RRA 022LD	Tee Seam	80A1567	LIM-28-1.285-SS316	B-J	UT	IV	
RRA 023LU	Tee Seam	80A1567	LIM-28-1.285-SS316	B-J	UT	IV	
RRA 023	28" x 28" x 12" Tee to 28" x 22" Cross	80A1567	LIM-28-2.72-SS316	B-J	UT	IV	
RRA 023LD	Cross Seam	80A1567	LIM-28-2.72-SS316	B-J	UT	IV	Full Length
RRA 024	28" x 22" Cross to 22" Pipe	80A1566	LIM-22-1.009-SS316	B-J	UT	IV	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRA 024LD	Pipe Seam	80A1566	LIM-22-1.009-SS316	B-J	UT	IV	Full Length
RRA 025	22" Pipe to Sweeplet	80A1566	LIM-22-1.009-SS316	B-J	UT	IV	
RRA 025LD	Sweeplet Seam	80A1567	LIM-22-1.009-SS316	B-J	UT	V	Full Length
RRA 026	Sweeplet to 12" Pipe	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRA 026LD	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRA 027	12" Pipe to Elbow	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRA 027LU	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRA 027LD Min	Elbow Seam Minimum	80A1567	LIM-12-.586-SS316	B-J	UT	III	



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<u>PIPING WELDS</u>							
RRA 027LD Max	Elbow Seam Maximum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRA 028	Elbow to 12" Pipe	80A1566	LIM-12- .586-SS316	B-J	UT	III	
RRA 128LU Min	Elbow Seam Minimum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRA 128LU Max	Elbow Seam Maximum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRA 028LD	Pipe Seam	80A1566	LIM-12- .586-SS316	B-J	UT	III	Full Length
RRA 029	22" Pipe to Sweepolet	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	
RRA 029LD	Sweepolet Seam	80A1567	LIM-22- 1.009-SS316	B-J	UT	IV	Full Length
RRA 030	Sweepolet to 12" Pipe	80A1566	LIM-12- .586-SS316	B-J	UT	IV	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRA 030LD	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRA 031	12" Pipe to Elbow	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRA 131LU	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRA 031LD Min	Elbow Seam Minimum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRA 031LD Max	Elbow Seam Maximum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRA 032	Elbow to 12" Pipe	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRA 132LU Min	Elbow Seam Minimum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRA 132LU Max	Elbow Seam Maximum	80A15467	LIM-12-.586-SS316	B-J	UT	III	



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<u>PIPING WELDS</u>							
RRA 032LD	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	III	Full Length
RRA 033	22" Pipe to Cap	80A1566	LIM-22-1.009-SS316	B-J	UT	IV	
RRA 033LU	Pipe Seam	80A1566	LIM-22-1.009-SS316	B-J	UT	IV	
RRA 033LD	Cap Seam	80A1567	LIM-22-1.009-SS316	B-J	UT	IV	Full Length
RRA 035	28" x 22" Cross to 28" x 12" Reducer	80A1567	LIM-28-2.72-SS316	B-J	UT	IV	
RRA 035LD	Reducer Seam	80A1567	LIM-28-2.72-SS316	B-J	UT	IV	
RRA 036LU	Reducer Seam	80A1567	LIM-28-2.72-SS316	B-J	UT	IV	
RRA 036	Reducer to 12" Pipe	80A1566	LIM-12-.586-SS316	B-J	UT	IV	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRA 036LD	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRA 037	12" Pipe to Elbow	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRA 037LU	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRA 037LD Min	Elbow Seam, Minimum	80A1567	LIM-12-.586-SS316	B-J	UT	III	Full Length
RRA 037LD Max	Elbow Seam, Maximum	80A1567	LIM-12-.586-SS316	B-J	UT	III	Full Length
RRA 038	Elbow to 12" Pipe	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRA 038LU Min	Elbow Seam Minimum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRA 038LU Max	Elbow Seam Maximum	80A1567	LIM-12-.586-SS316	B-J	UT	III	

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<u>PIPING WELDS</u>							
RRA 038LD	Pipe Seam	80A1566	LIM-12- .586-SS316	B-J	UT	III	Full Length
RRA 039	28" x 22" Cross to 22" Pipe	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	
RRA 039LD	Pipe Seam	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	
RRA 040	22" Pipe to Sweepolet	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	
RRA 040LD	Sweepolet Seam	80A1567	LIM-22- 1.009-SS316	B-J	UT	IV	Full Length
RRA 041	Sweepolet to 12" Pipe	80A1566	LIM-12- .586-SS316	B-J	UT	IV	
RRA 041LD	Pipe Seam	80A1566	LIM-12- .586-SS316	B-J	UT	IV	
RRA 042	12" Pipe to Elbow	80A1566	LIM-12- .586-SS316	B-J	UT	III	



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<u>PIPING WELDS</u>							
RRA 042LU	Pipe Seam	80A1566	LIM-12- .586-SS316	B-J	UT	III	
RRA 042LD Min	Elbow Seam, Minimum	80A1567	LIM-12- .586-SS316	B-J	UT	III	Full Length
RRA 042LD Max	Elbow Seam, Maximum	80A1567	LIM-12- .586-SS316	B-J	UT	III	Full Length
RRA 043	Elbow to 12" Pipe	80A1566	LIM-12- .586-SS316	B-J	UT	III	
RRA 043LU Min	Elbow Seam Minimum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRA 043LU Max	Elbow Seam Maximum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRA 043LD	Pipe Seam	80A1566	LIM-12- .586-SS316	B-J	UT	III	Full Length
RRA 044	22" Pipe to Sweepolet	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	



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<u>PIPING WELDS</u>							
RRA 044LD	Sweeplet Seam	80A1567	LIM-22-1.009-SS316	B-J	UT	IV	Full Length
RRA 045	Sweeplet to 12" Pipe	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRA 045LD	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	IV	Full Length
RRA 046	12" Pipe to Elbow	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRA 046LU	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRA 046LD Min	Elbow Seam, Minimum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRA 046LD Max	Elbow Seam, Maximum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRA 047	Elbow to 12" Pipe	80A1566	LIM-12-.586-SS316	B-J	UT	III	



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<u>PIPING WELDS</u>							
RRA 047LU Min	Elbow Seam Minimum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRA 047LU Max	Elbow Seam Maximum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRA 047LD	Pipe Seam	80A1566	LIM-12- .586-SS316	B-J	UT	III	Full Length
RRA 048	22" Pipe to Cap	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	
RRA 048LU	Pipe Seam	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	
RRA 048LD	Cap Seam	80A1567	LIM-22- 1.009-SS316	B-J	UT	IV	Full Length

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRB 001LU	Pipe Seam	80A1566	LIM-28-1.076-SS316	B-J	UT	VI	Full Length
RRB 001	28" Pipe to Elbow	80A1566	LIM-28-1.076-SS316	B-J	UT	VI	
RRB 001LD Min	Elbow Seam, Minimum	80A1567	LIM-28-1.076-SS316	B-J	UT	VI	
RRB 001LD Max	Elbow Seam, Maximum	80A1567	LIM-28-1.076-SS316	B-J	UT	VI	
RRB 002	Elbow to 28" Pipe	80A1566	LIM-28-1.076-SS316	B-J	UT	VI	
RRB 002LU Min	Elbow Seam Minimum	80A1567	LIM-28-1.076-SS316	B-J	UT	VI	
RRB 002LU Max	Elbow Seam Maximum	80A1567	LIM-28-1.076-SS316	B-J	UT	VI	
RPE 002LD	Pipe Seam	80A1566	LIM-28-1.076-SS316	B-J	UT	VI	



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<u>PIPING WELDS</u>							
RRB 003	28" Pipe to 28" x 28" x 20" Tee	80A1566	LIM-28-1.076-SS316	B-J	UT	IV	
RRB 003LU	Pipe Seam	80A1566	LIM-28-1.076-SS316	B-J	UT	IV	
RRB 003LD	28" x 28" x 20" Tee Seam	80A1567	LIM-28-1.076-SS316	B-J	UT	IV	
RRB 004	28" x 28" x 20" Tee to 28" Pipe	80A1566	LIM-28-1.076-SS316	B-J	UT	IV	
RRB 004LU	Tee Seam	80A1567	LIM-28-1.076-SS16	B-J	UT	IV	
RRB 004LD	Pipe Seam	80A1566	LIM-28-1.076-SS316	B-J	UT	IV	
RRB 004A	28" Pipe to Pipe	80A1566	LIM-28-1.076-SS316	B-J	UT	IV	
RRB 004ALU	Pipe Seam	80A1566	LIM-28-1.076-SS316	B-J	UT	IV	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRB 004ALD	Pipe Seam	80A1566	LIM-28-1.076-SS316	B-J	UT	IV	
RRB 005	28" Pipe to Elbow	80A1566	LIM-28-1.076-SS316	B-J	UT	V	
RRB 005LU	Pipe Seam	80A1566	LIM-28-1.076-SS316	B-J	UT	V	
RRB 005LD Min	Elbow Seam, Minimum	80A1567	LIM-28-1.076-SS316	B-J	UT	V	
RRB 005LD Max	Elbow Seam, Maximum	80A1567	LIM-28-1.076-SS316	B-J	UT	V	
RRB 006	Elbow to Valve HV-1F023B	80A1567	LIM-28-1.076-SS316	B-J	UT	V	
RRB 006LU Min	Elbow Seam Minimum	80A1567	LIM-28-1.076-SS316	B-J	UT	V	
RRB 006LU Max	Elbow Seam Maximum	80A1567	LIM-28-1.076-SS316	B-J	UT	V	



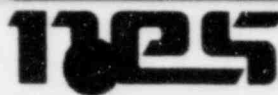
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<u>PIPING WELDS</u>							
RRB 007	Valve HV-1F023B to 28" Pipe	80A1566	LIM-28-1.076-SS316	B-J	UT	V	
RRB 007LD	Pipe Seam	80A1566	LIM-28-1.076-SS316	B-J	UT	V	
RRB 011	28" Pipe to Elbow	80A1566	LIM-28-1.076-SS316	B-J	UT	V	
RRB 011LU	Pipe Seam	80A1566	LIM-28-1.076-SS316	B-J	UT	V	
RRB 011LD Min	Elbow Seam, Minimum	80A1567	LIM-28-1.076-SS316	B-J	UT	V	
RRB 011LD Max	Elbow Seam, Maximum	80A1567	LIM-28-1.076-SS316	B-J	UT	V	
RRB 012	Elbow to Pump 1BP201	80A1567	LIM-28-1.076-SS316	B-J	UT	V	
RRB 012LU Min	Elbow Seam Minimum	80A1567	LIM-28-1.076-SS316	B-J	UT	V	



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<u>PIPING WELDS</u>							
RRB 012LU Max	Elbow Seam Maximum	80A1567	LIM-28- 1.076-SS316	B-J	UT	V	
RRB 013	Pump 1BP201 to 28" Pipe	80A1566	LIM-28- 1.285-SS316	B-J	UT	V	
RRB 013LD	Pipe Seam	80A1566	LIM-28- 1.285-SS316	B-J	UT	V	Full Length
RRB 016	28" Pipe to Valve HV-1F031B	80A1566	LIM-28- 1.285-SS316	B-J	UT	V	
RRB 016LU	Pipe Seam	80A1566	LIM-28- 1.285-SS316	B-J	UT	V	
RRB 017	Valve HV-1F031B to Elbow	80A1567	LIM-28- 1.285-SS316	B-J	UT	V	
RRB 017LD Min	Elbow Seam, Minimum	80A1567	LIM-28- 1.285-SS316	B-J	UT	V	
RRB 017LD Max	Elbow Seam, Maximum	80A1567	LIM-28- 1.285-SS316	B-J	UT	V	



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<u>PIPING WELDS</u>							
RRB 018	Elbow to 28" Pipe	80A1566	LIM-28-1.285-SS316	B-J	UT	V	
RRB 018LU Min	Elbow Seam Minimum	80A1567	LIM-28-1.285-SS316	B-J	UT	V	
RRB 018LU Max	Elbow Seam Maximum	80A1567	LIM-28-1.285-SS16	B-J	UT	V	
RRB 018LD	Pipe Seam	80A1566	LIM-28-1.285-SS316	B-J	UT	V	
RRB 021	28" Pipe to 28" x 28" x 12" Tee	80A1566	LIM-28-1.285-SS316	B-J	UT	IV	
RRB 021LU	Pipe Seam	80A1566	LIM-28-1.285-SS316	B-J	UT	IV	
RRB 021LD	28" x 28" x 12" Tee Seam	80A1567	LIM-28-1.285-SS316	B-J	UT	IV	
RRB 022	28" x 28" x 12" Tee to 28" x 22" Cross	80A1567	LIM-28-2.72-SS316	B-J	UT	IV	



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<u>PIPING WELDS</u>							
RRB 022LD	28" x 22" Cross Seam	80A1567	LIM-28-2.72-SS316	B-J	UT	IV	Full Length
RRB 022LU	Toe Seam	80A1567	LIM-2B-1.285-SS316	B-J	UT	IV	
RRB 023	28" x 22" Cross to 22" Pipe	80A1566	LIM-22-1.009-SS316	B-J	UT	IV	
RRB 023LD	Pipe Seam	80A1566	LIM-22-1.009-SS316	B-J	UT	IV	Full Length
RRB 024	22" Pipe to Sweepolet	80A1566	LIM-22-1.009-SS316	B-J	UT	IV	
RRB 024LD	Sweepolet Seam	80A1567	LIM-22-1.009-SS316	B-J	UT	IV	Full Length
RRB 025	Sweepolet to 12" Pipe	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRB 025LD	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	IV	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRB 026	12" Pipe to Elbow	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRB 026LU	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRB 026LD Min	Elbow Seam, Minimum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRB 026LD Max	Elbow Seam, Maximum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRB 027	Elbow to 12" Pipe	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRB 027LU Min	Elbow Seam Minimum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRB 027LU Max	Elbow Seam Maximum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRB 027LD	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	III	Full Length




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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRB 028	22" Pipe to Sweepolet	80A1566	LIM-22-1.009-SS316	B-J	UT	IV	
RRB 028LD	Sweepolet Seam	80A1567	LIM-22-1.009-SS316	B-J	UT	IV	Full Length
RRB 029	Sweepolet to 12" Pipe	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRB 029LD	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRB 030	12" Pipe to Elbow	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRB 030LU	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRB 030LD Min	Elbow Seam, Minimum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRB 030LD Max	Elbow Seam, Maximum	80A1567	LIM-12-.586-SS316	B-J	UT	III	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRB 031	Elbow to 12" Pipe	80A1566	LIM-12- .586-SS316	B-J	UT	III	
RRB 031LU Min	Elbow Seam Minimum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRB 031LU Max	Elbow Seam Maximum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRB 031LD	Pipe Seam	80A1566	LIM-12- .586-SS316	B-J	UT	III	Full Length
RRB 032	22" Pipe to Cap	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	
RRB 032LU	Pipe Seam	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	
RRB 032LD	Cap Seam	80A1567	LIM-22- 1.009-SS316	B-J	UT	IV	Full Length
RRB 033	Cross to Reducer	80A1567	LIM-28- 2.72-SS316	B-J	UT	IV	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (" applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRB 033LD	Reducer Seam	80A1567	LIM-28-2.72-SS316	B-J	UT	IV	
RRB 034LU	Reducer Seam	80A1567	LIM-28-2.72-SS316	B-J	UT	IV	
RRB 034	Reducer to 12" Pipe	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRB 034LD	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRB 035LU	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRB 035	12" Pipe to Elbow	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRB 035LD Min	Elbow Seam, Minimum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRB 035LD Max	Elbow Seam, Maximum	80A1567	LIM-12-.586-SS316	B-J	UT	III	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRB 036	Elbow to 12" Pipe	80A1566	LIM-12- .586-SS316	B-J	UT	III	
RRB 036LD	Pipe Seam	80A1566	LIM-12- .586-SS316	B-J	UT	III	Full Length
RRB 036LU Min	Elbow Seam Minimum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRB 036LU Max	Elbow Seam Maximum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRB 037	Cross to 22" Pipe	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	
RRB 037LD	Pipe Seam	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	
RRB 038	22" Pipe to Sweepolet	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	
RRB 038LD	Sweepolet Seam	80A1567	LIM-22- 1.009-SS316	B-J	UT	IV	Full Length

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRB 039	Sweepolet to 12" Pipe	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRB 039LD	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	IV	
RRB 040	12" Pipe to Elbow	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRB 040LU	Pipe Seam	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRB 040LD Min	Elbow Seam, Minimum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRB 040LD Max	Elbow Seam, Maximum	80A1567	LIM-12-.586-SS316	B-J	UT	III	
RRB 041	Elbow to 12" Pipe	80A1566	LIM-12-.586-SS316	B-J	UT	III	
RRB 041LU Min	Elbow Seam Minimum	80A1567	LIM-12-.586-SS316	B-J	UT	III	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRB 041LU Max	Elbow Seam Maximum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRB 041LD	Pipe Seam	80A1566	LIM-12- .586-SS316	B-J	UT	III	Full Length
RRB 042	22" Pipe to Sweepolet	80A1566	LIM-22- 1.009-SS316	B-J	UT	IV	
RRB 042LD	Sweepolet Seam	80A1567	LIM-22- 1.009-SS316	B-J	UT	IV	Full Length
RRB 043	Sweepolet to 12" Pipe	80A1566	LIM-12- .586-SS316	B-J	UT	IV	
RRB 043LD	Pipe Seam	80A1566	LIM-12- .586-SS316	B-J	UT	IV	
RRB 044	12" Pipe to Elbow	80A1566	LIM-12- .586-SS316	B-J	UT	III	
RRB 044LU	Pipe Seam	80A1566	LIM-12- .586-SS316	B-J	UT	III	

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<u>PIPING WELDS</u>							
RRB 044LD Min	Elbow Seam, Minimum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRB 044LD Max	Elbow Seam, Maximum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRB 045	Elbow to 12" Pipe	80A1566	LIM-12- .586-SS316	B-J	UT	III	
RRB 045LU Min	Elbow Seam Minimum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRB 045LU Max	Elbow Seam Maximum	80A1567	LIM-12- .586-SS316	B-J	UT	III	
RRB 045LD	Pipe Seam	80A1566	LIM-12- .586-SS316	B-J	UT	III	Full Length
RRB 046	22" Pipe to Cap	80A1566	LIM-22- 1.009-SS316	B-J	UT	VI	
RRB 046LU	Pipe Seam	80A1566	LIM-22- 1.009-SS316	B-J	UT	VI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RRB 046LD	Cap Seam	80A1567	LIM-22- 1.009-SS316	B-J	UT	VI	Full Length



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>SUPPORTS</u>							
RRA P001B	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RRA P001A	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RRA H001	Pipe Support, 4 Lugs	80A1568 80A1567 80A1561	LIM-28- 1.076-SS316, N/A	B-K-1 B-K-2	UT VT-1	V	Pipe Side
RRA P002A	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RRA S002	Pump Support	80A1561	N/A	B-K-2	VT-1	V	
RRA S003	Pump Support	80A1561	N/A	B-K-2	VT-1	V	
RRA S004	Pump Support	80A1561	N/A	B-K-2	VT-1	V	
RRA H005	Pump Support	80A1561	N/A	B-K-2	VT-1	V	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>SUPPORTS</u>							
RRA H006	Pump Support	80A1561		B-K-2	VT-1	V	
RRA H007	Pump Support	80A1561		B-K-2	VT-1	V	
RRA P007A	Pump Support, Lug Weld	NONE 80A1561	NONE	B-K-1 B-K-2	UT VT-1	V	Relief Req'd
RRA S008	Pump Support, Lug Weld	NONE 80A1561	NONE	B-K-1 B-K-2	UT VT-1	V	Relief Req'd
RRA S009	Pump Support, Lug Weld	NONE 80A1561	NONE	B-K-1 B-K-2	UT VT-1	V	Relief Req'd
RRA P009B	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RRA P009A	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RRA H010	Pipe Support, 4 Lugs	80A1568 80A1567 80A1561	LIM-28- 1.285-SS316, N/A	B-K-1 B-K-2	UT VT-1	IV	Pipe Side



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO	REMARKS
<u>SUPPORTS</u>							
RRA S011	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRA S012	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RRA H013	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRA H014	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRA P015	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRA P016	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRA P017	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRA P018	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>SUPPORTS</u>							
RRA P019	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRA P020	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRA P021	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRA P022	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRA P023	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>SUPPORTS</u>							
RRB P001B	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB P001A	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB S001	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB S002	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB H003	Pipe Support, 4 Lugs	80A1568 80A1567 80A1561	LIM-28- 1.076-SS316, N/A	B-K-1 B-K-2	UT VT-1	IV	Pipe Side
RRB P003A	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB S004	Pump Support	80A1561	N/A	B-K-2	VT-1	V	
RRB S005	Pump Support	80A1561	N/A	B-K-2	VT-1	V	



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<u>SUPPORTS</u>							
RRB S006	Pump Support	80A1561	N/A	B-K-2	VT-1	V	
RRB H007	Pump Support	80A1561	N/A	B-K-2	VT-1	V	
RRB H008	Pump Support	80A1561	N/A	B-K-2	VT-1	V	
RRB H009	Pump Support	80A1561	N/A	B-K-2	VT-1	V	
RRB P009A	Pump Support, Lug Weld	NONE 80A1561	NONE N/A	B-K-1 B-K-2	UT VT-1	V	Relief Req'd
RRB S010	Pump Support, Lug Weld	NONE 80A1561	NONE N/A	B-K-1 B-K-2	UT VT-1	V	Relief Req'd
RRB S011	Pump Support, Lug Weld	NONE 80A1561	NONE N/A	B-K-1 B-K-2	UT VT-1	V	Relief Req'd



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<u>SUPPORTS</u>							
RRB P011B	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RRB H012	Pipe Support, 4 Lugs	80A1568 80A1567 80A1561	LIM-28- 1.285-SS316, N/A	B-K-1 B-K-2	UT VT-1	V	Pipe Side
RRB S013	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RRB S014	Pipe Support	80A1561	N/A	B-K-2	VT-1	V	
RRB H015	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB H016	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB P017	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB P018	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	



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<u>SUPPORTS</u>							
RRB P019	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB P020	Pipe Support	80A1568	N/A	B-K-2	VT-1	IV	
RRB P021	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB P022	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB P023	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB P024	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RRB P025	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RW 022	Sweeplet to 4" Pipe	80A1566	LIM-4-.337-CS	B-J	UT	II	
RW 045	4" Pipe to Valve 1017	80A1566	LIM-4-.337-CS	B-J	UT	II	
RW 046	Valve 1017 to 4" Pipe	80A1566	LIM-4-.337-CS	B-J	UT	II	
RW 023	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	II	
RW 047	Elbow to 4" Pipe	80A1566	LIM-4-.337-CS	B-J	UT	II	
RW 048	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	III	
RW 026	Elbow to 4" Pipe	80A1566	LIM-4-.337-CS	B-J	UT	III	
RW 049	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	III	

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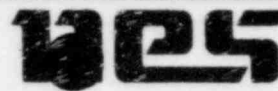


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<u>PIPING WELDS</u>							
RW 028	Elbow to 4" Pipe	80A1566	LIM-4-.337-CS	B-J	UT	III	
RW 050	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	III	
RW 051	Elbow to 4" Pipe	80A1566	LIM-4-.337-CS	B-J	UT	III	
RW 052	4" Pipe to 45° Elbow	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RW 030	45° Elbow to 4" Pipe	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RW 031	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RW 053	Elbow to 4" Pipe	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RW 054	4" Pipe to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	IV	



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<u>PIPING WELDS</u>							
RW 055	4" Pipe to 4" Pipe	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RW 033	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RW 056	Elbow to 4" Pipe	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RW 057	4" Pipe to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RW 039	4" Pipe to 4" Elbow	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RW 038	4" Elbow to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RW 058	4" Pipe to Pipe	80A1566	LIM-4-.337-CS	B-J	UT	IV	
RW 059	4" Pipe to Elbow	80A1566	LIM-4-.337-CS	B-J	UT	IV	

System: RWCU
 Reference Drawing No. 08-01
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<u>PIPING WELDS</u>							
RW 042	4" Elbow to Flued Head (X-44)	80A1567	LIM-SP-105	B-J	UT	IV	
RW 043	Flued Head (X-44) to 4" Pipe	80A1566	LIM-4-.337-CS	B-J	UT	VII	
RW 044	4" Pipe to Valve 1016	80A1566	LIM-4-.337-CS	B-J	UT	VII	



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System: RWCU
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<u>PIPING WELDS</u>							
RW 001	Sweepolet to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	IV	
RW 002	6" Pipe to Elbow	80A1566	LIM-6- .432-SS316	B-J	UT	IV	
RW 003	Elbow to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	IV	
RW 004	6" Pipe to Valve IF027	80A1566	LIM-6- .432-SS316	B-J	UT	III	
RW 005	Valve IF027 to 6" Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	III	
RW 005A	6" Pipe to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	III	
RW 005B	6" Pipe to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	III	
RW 006	6" Pipe to Elbow	80A1566	LIM-6- .432-SS316	B-J	UT	II	



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<u>PIPING WELDS</u>							
RW 007	Elbow to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	II	
RW 008	6" Pipe to Elbow	80A1566	LIM-6- .432-SS316	B-J	UT	II	
RW 009	Elbow to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	II	
RW 010	6" Pipe to Flange (FE-1N035)	80A1566	LIM-6- .432-SS316	B-J	UT	II	
RW 011	Flange (FE-1N035) to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	II	
RW 012	6" Pipe to Elbow	80A1566	LIM-6- .432-SS316	B-J	UT	II	
RW 013	Elbow to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	II	
RW 014	6" Pipe to Elbow	80A1566	LIM-6- .432-SS316	B-J	UT	II	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>PIPING WELDS</u>							
RW 015	Elbow to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	II	
RW 016	6" Pipe to Valve HV-1F001	80A1566	LIM-6- .432-SS316	B-J	UT	II	
RW 017	Valve HV-1F001 to Pipe	80A1566	LIM-6- .432-SS316	B-J	UT	II	
RW 018	6" Pipe to Flued Head (X-14)	80A1566	LIM-6- .432-SS316	B-J	UT	II	
RW 019	Flued Head (X-14) to Valve HV-1F004	80A1567	LIM-SP- 182-316	B-J	UT	II	
RW 020	Valve HV-1F004 to Pipe	80A1566	LIM-6- .432-SS316	C-F	UT	VII	
RW 021	6" Pipe to Valve HV-1F040	80A1566	LIM-6- .432-SS316	C-F	UT	VII	

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<u>PIPING WELDS</u>							
RW 060	Nozzle N15 to 2" Elbow	80A1567	LIM-2- .344-CS	B-J	UT	IV	
RW 061	2" Elbow to Pipe	80A1566	LIM-2- .344-CS	B-J	UT	IV	
RW 062	2" Pipe to Pipe Bimetallic	80A1566	LIM-2- .344-CS	B-J	UT	IV	
		80A1562	LIM-2- .218-CS		PT		
RW 063	2" Pipe to 45° Elbow	80A1566	LIM-2- .218-SS	B-J	UT	IV	
RW 064	2" 45° Elbow to Pipe	80A1566	LIM-2- .218-SS	B-J	UT	IV	
RW 065	2" Pipe to Elbow	80A1566	LIM-2- .218-SS	B-J	UT	IV	
RW 066	2" Elbow to Pipe	80A1566	LIM-2- .218-SS	B-J	UT	IV	
RW 067	2" Pipe to Elbow	80A1566	LIM-2- .218-SS	B-J	UT	IV	



System: RWCU
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<u>PIPING WELDS</u>							
RW 068	2" Elbow to Pipe	80A1566	LIM-2-.218-SS	B-J	UT	IV	
RW 069	2" Pipe to Elbow	80A1566	LIM-2-.218-SS	B-J	UT	IV	
RW 070	2" Elbow to Pipe	80A1566	LIM-2-.218-SS	B-J	UT	IV	
RW 071	2" Pipe to 2x2½ Reducer	80A1566	LIM-2-.218-SS	B-J	UT	IV	
RW 072	2"x2½" Reducer to 2½" Pipe	80A1566	LIM-2.5.203-SS	B-J	UT	V	
RW 073	2½" Pipe to 45° Elbow	80A1566	LIM-2.5.203-SS	B-J	UT	V	
RW 074	2½" 45° Elbow to Pipe	80A1566	LIM-2.5.203-SS	B-J	UT	V	
RW 075	2½" Pipe to 45° Elbow	80A1566	LIM-2.5.203-SS	B-J	UT	V	



System: RWCU
 Reference Drawing No. 08-03
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<u>PIPING WELDS</u>							
RW 076	2½" 45° Elbow to Pipe	80A1566	LIM-2.5 .203-SS	B-J	UT	V	
RW 077	2½" Pipe to Elbow	80A1566	LIM-2.5 .203-SS	B-J	UT	V	
RW 078	2½" Elbow to Pipe	80A1566	LIM-2.5 .203-SS	B-J	UT	V	
RW 079	2½" Pipe to Elbow	80A1566	LIM-2.5 .203-SS	B-J	UT	V	
RW 080	2½" Elbow to Pipe	80A1566	LIM-2.5 .203-SS	B-J	UT	V	
RW 081	2½" Pipe to Elbow	80A1566	LIM-2.5 .203-SS	B-J	UT	V	
RW 082	2½" Elbow to Pipe	80A1566	LIM-2.5 .203-SS	B-J	UT	V	
RW 083	2½" Pipe to Elbow	80A1566	LIM-2.5 .203-SS	B-J	UT	V	

System: RWCU
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<u>PIPING WELDS</u>							
RW 084	2½" Elbow to Pipe	80A1566	LIM-2.5-.203-SS	B-J	UT	V	
RW 085	2½" Pipe to Elbow	80A1566	LIM-2.5-.203-SS	B-J	UT	V	
RW 086	2½" Elbow to Pipe	80A1566	LIM-2.5-.203-SS	B-J	UT	V	
RW 087	2½" Pipe to 2½" Tee	80A1566	LIM-2.5-.203-SS	B-J	UT	V	
RW 088	2½" Tee to 2½"x2" Reducer	80A1567	LIM-2.5-.203-SS	B-J	UT	V	
RW 089	2½"x2" Reducer to 2" Pipe	80A1566	LIM-2-.218-SS	B-J	UT	V	
RW 090	2½" Tee to 2½" Pipe	90A1566	LIM-2.5-.203-SS	B-J	UT	V	



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<u>PIPE SUPPORTS</u>							
RW H001	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RW P002	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RW H003	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
RW P004	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
RW P005	Pipe Support	80A1561	N/A	B-K-2	VT-1	II	
RW H006	Pipe Support	80A1561	N/A	B-K-2	VT-1	VII	


System: RWCU
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PIPE SUPPORTS							
RW X011	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	 4
RW X012	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RW X013	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RW X014	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RW X015	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RW X016	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	
RW X017	Pipe Support	80A1561	N/A	B-K-2	VT-1	IV	



System: CRD
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<u>PIPING WELDS</u>							
RDA 001	Pipe Cap to Pipe	80A1566	LIM-8-.500-CS	C-G	UT	XI	
RDA 002	Pipe to Tee	80A1566	LIM-8-.500-CS	C-G	UT	XI	
RDA 007	Pipe to Tee	80A1566	LIM-8-.500-CS	C-G	UT	XI	
RDA 009	10" x 8" Eccentric Reducer to Pipe	80A1566	LIM-10-.593-CS	C-G	UT	XI	



System: CRD
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<u>PIPING WELDS</u>							
RDA 011	Elbow to Pipe	80A1566	LIM-10-.593-CS	C-G	UT	XI	
RDA 013	Tee to Pipe	80A1566	LIM-8-.500-CS	C-G	UT	XI	
RDA 015	Elbow to Pipe	80A1566	LIM-8-.500-CS	C-G	UT	XI	
RDA 017	Elbow to Pipe	80A1566	LIM-8-.500-CS	C-G	UT	XI	

System: CRD
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<u>PIPING WELDS</u>							
RDA 019	Elbow to Pipe	80A1566	LIM-8- .500-CS	C-G	UT	XI	
RDA 021	Elbow to Pipe	80A1566	LIM-8- .500-CS	C-G	UT	XI	
RDA 023	Elbow to Pipe	80A1566	LIM-8- .500-CS	C-G	UT	XI	
RDA 026	Tee to Pipe	80A1566	LIM-8- .500-CS	C-G	UT	XI	
RDA 029	Pipe to Flange	80A1566	LIM-8- .500-CS	C-G	UT	XI	

System: CRD
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<u>PIPING WELDS</u>							
RDB 001	Flange to Pipe	80A1566	LIM-8-.500-CS	C-G	UT	XI	
RDB-006	10" x 8" Eccentric Reducer to Pipe	80A1566	LIM-10-.593-CS	C-G	UT	XI	
RDB 007	Pipe to Elbow	80A1566	LIM-10-.593-CS	C-G	UT	XI	
RDB 009	Pipe to Pipe Cap	80A1566	LIM-10-.593-CS	C-G	UT	XI	



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<u>PIPING WELDS</u>							
RDB 011	Pipe to Elbow	80A1566	LIM-8-.500-CS	C-G	UT	XI	
RDB 013	Pipe to Elbow	80A1566	LIM-8-.500-CS	C-G	UT	XI	
RDB 015	Pipe to Elbow	80A1566	LIM-8-.500-CS	C-G	UT	XI	
RDB 017	Pipe to Tee	80A1566	LIM-8-.500-CS	C-G	UT	XI	
RDB 019	Tee to Pipe	80A1566	LIM-8-.500-CS	C-G	UT	XI	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-MS	All non-exempt group A Main Steam piping from RPV nozzles N3A, B, C and D to outer IV's HVIF028A, B, C and D, including 14 relief valves PSVIF013A through S.		N/A	Group A non exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-MS	Steam line C to Valve HVIF002		N/A	Group A non exempt	VT-2		100% @ 1.1 x nominal operating pressure △ 4
HYD-MS	All exempt group A Main Steam piping including: 2" line from valve HVIF002; 3" line to RCIC valve HVIF007; 1" lines to nuclear boiler instrumentation; 3/4" vent and drains; 2" lines from outer IV's to MSIV leakage control system valves HVIF001B, F, K, P and 101B, F, K, P.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure
HYD-MS	All group B Main Steam piping from IV's HVIF028A, B, C, D to main stop valves MSV-1, 2, 3, 4 and turbine bypass valves.		N/A	Group B	VT-2		100% 1.25 design pressure △ 4
HYD-MS	All MSIV leakage lines (2") to valves HVIF009 and HVIF006.		N/A	Group B	VT-2		100% 1.25 design pressure △ 4



System: HYDRO

Reference Drawing No. ISI-M-40, ISI-M-41, ISI-M-1 PROGRAM PLAN AND SCHEDULE

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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-MS	1" and 4" lines to Pressure Averaging Manifold.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-MS	Lines to Valves HV150, HV111, HV108 and HV109.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-MS	1", 1½" and 2" drains, valve bypasses and test connections.		N/A	Group B	VT-2		100% @ 1.25 design pressure

System: HYDRO
 Reference Drawing No. ISI-M-40
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-MSIV	All group B MSIV piping from valves HVIF001B, F, K, P and system blower to low pressure manifold.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-MSIV	Piping from valve HVIF006 to blower #209.		N/A	Group B	VT-2		100% @ 1.25 design pressure



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System: HYDRO
Reference Drawing No. ISI-M-41
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-FW	All group A non-exempt Feedwater piping from outer IV's HV1F074A, B to RPV nozzles N4A, B, C, D, E and F.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-FW	4" line from RWCU valve 101C to Feedwater line.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-FW	All group A exempt Feedwater piping including 1" test connections.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure
HYD-FW	All group B Feedwater piping from valves HV1F032A & B, HV109A & B to valves HV1F074A & B.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-FW	1" test connections.		N/A	Group B	VT-2		100% @ 1.25 design pressure

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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-NB	All group A exempt Nuclear Boiler piping including: 1" line from valve 1F008; 1" CRW line to RPV nozzle N13.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure
HYD-NB	Nuclear boiler instrumentation to RPV nozzle N7.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure



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System: HYDRO
Reference Drawing No. ISI-M-42
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-NB Instru- mentation	All group A exempt piping.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure
HYD-NB Instru- mentation	1. Valves IF044A, B, C, D to RPV nozzles N16A, B, C, D.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure
HYD-NB Instru- mentation	2. Valves IF042A, B, and IF048A, B, to RPV nozzles N12A, B, C, D.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure
HYD-NB Instru- mentation	3. Valves IF046A, B, and IF046A, B, to RPV nozzles N11A, B		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure
HYD-NB Instru- mentation	4. 16 jet pump connection lines.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure
HYD-NB Instru- mentation	5. 1" lines to containment penetrations X-22, X-30B, X-40E, X-50A.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure
HYD-NB Instru- mentation	6. Valve IF040 to RPV nozzle N7.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure

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System: HYDRO
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-NB Instrumentation	7. Valve IF056, IF060, IF054, IF075 to RPV nozzle N10.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure 4

System: HYDRO
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RHR	All group A non-exempt RHR piping from valves HV1F017A, B, C, D to RPV nozzles 17A, B, C, D		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-RHR	Valves HV1F015A, B, to valves 1F060A, B.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-RHR	Valve 1F077 to valve HV1F008.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-RHR	Valve HV1F023 to RPV nozzle N6A.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-RHR	All group A exempt RHR piping including: 1" lines to instruments XV-102A, B, C, D and XV-103A, B, C, D.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure
HYD-RHR	Bypass lines around valves HV1F041A, B, and HV1F050A, B.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure



System: HYDRO
 Reference Drawing No. ISI-M-41, ISI-M-51
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RHR	3/4" vent and test connections. from valves HVIF017A, B, C, D to RPV nozzles 17A, B, C, D		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure

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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RHR	All group B RHR piping in 4 loops:		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Loop A: Piping from valve HV1F004A to Heat Exchanger A to valves HV1F015A, HV1F027A, HV125A, HV1F017A, HV1F021A and HV1F023.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Piping to valves 101A, HV125A, HV130, 1F069A, HV1F040, 1033A and 1F089A.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	3/4", 1" and 4" vent, drains & instr. lines.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Loop B: Piping from valve HV1F004B to pump B to Heat Exchanger B to valves HV1F015B, HV1F027B, HV125B, HV1F017B, 1023 and HV1F021B.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Piping to valves HV125B, 1033B 1F089B.		N/A	Group B	VT-2		100% @ 1.25 design pressure △ 4



PROGRAM PLAN AND SCHEDULE

System: HYDRO
Reference Drawing No. ISI-M-51
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RHR	3/4", 1" and 4" vent, drains and test connections.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Loop C: Piping from valve HV1F004C to pump C to valves HV1F010A and HV1F017C.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Piping to valve HV105A, 1F089C.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	3/4", 1" and 4" Vent and Drains		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Loop D: All piping from valve HV1F004D to pump D to valves HV1F010B and HV1F017D.		N/A	Group B	VT-2		100% @ 1.25 design pressure 4
HYD-RHR	All piping to valves HV105B and 1F089D.		N/A	Group B	VT-2		100% @ 1.25 design pressure 4
HYD-RHR	3/4", 1" and 4" vent and drains.		N/A	Group B	VT-2		100% @ 1.25 design pressure

System: HYDRO
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RHR	Also, all RHR group B piping from valve HV1F009 to 4 pump suction lines.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Connections between heat exchangers and vacuum breakers.		N/A	Group B	VT-2		100% @ 1.25 design pressure



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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-Core Spray	All non-exempt group A Core Spray piping from valves HV108 and HV1F005 to RPV nozzles N5A, B.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-Core Spray	All exempt group A Core Spray piping, including: 1" test connections; 1" lines to valves 1F017A, B.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure

System: HYDRO
 Reference Drawing No. ISI-M-52
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-Core Spray	All group B Core Spray piping from valves HV1F001A, B, C, D to pumps A, B, C, D to valves HV108, HV1F005, HV1F015A and HV1F015B.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-Core Spray	Piping from HPCI valve HV1F006 to 14" GBB-112.		N/A	B-P	VT-2		100% @ 1.25 design pressure
HYD-Core Spray	Piping between valves HV127 and HV128.		N/A	B-P	VT-2		100% @ 1.25 design pressure
HYD-Core Spray	14" cross connect piping between pumps.		N/A	B-P	VT-2		100% @ 1.25 design pressure
HYD-Core Spray	2" and 4" lines from condensate transfer system.		N/A	B-P	VT-2		100% @ 1.25 design pressure

System: DRO
 Reference Drawing No. ISI-M-52
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-Core Spray	4" lines to suppression pool isolation valves.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-Core Spray	3/4", 1" and 2" vent, drain and test lines.		N/A	B-P	VT-2		100% @ 1.25 design pressure

System: **ORO**
 Reference Drawing No. ISI-M-55
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-HPCI	All group A non-exempt HPCI piping from valve HVIF003 to valve HVIF002.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-HPCI	All group A exempt HPCI piping including: 1" lines to valves 1F023A, B, C, D; 1" bypass line to valve HVIF100; 3/4" drain and test connections.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure



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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-HPCI	All group B HPCI piping from valves HV1F042 and HV1F004 to pump to valves HV1F006, HV1F008, HV1F012 and HV1F095.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-HPCI	Steam line from valve HV1F003 to turbine to rupture disc. PSE1D004.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-HPCI	4" Auxiliary Steam line to turbine.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-HPCI	1/2", 3/4", 1" and 2" drain lines from valves and pump to vacuum tank.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-HPCI	3/4", 1", 2" and 4" drain, test and bypass connections.		N/A	Group B	VT-2		100% @ 1.25 design pressure

System: HYDRO

Reference Drawing No. ISI-M-43, ISI-M-44, ISI-M-51

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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-Recirc.	All group A non-exempt Recirculation piping from RPV nozzles N1A, B to Recirculation pumps to RPV nozzles N2A through N2K including:		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-Recirc.	1. 20" line to RHR valve 1F077.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-Recirc.	2. 6" line to RWCU valve 1F027.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-Recirc.	3. 12" lines from RHR valves 1F060A, B.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-Recirc.	4. Valve 1F030 and RWCU valve 1F050 to RPV nozzle N15.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure

System: DRO
 Reference Drawing No. ISI-M-43, ISI-M-44, ISI-M-51
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-Recirc.	5. 2" drain line to CRW.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-Recirc.	6. 4" decontamination connection.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-Recirc.	All group A exempt Recirculation piping including: 1" processing sampling line; 1" lines to instrument isolation valves; and 3/4" vent and drains.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure

System: HYDRO
 Reference Drawing No. ISI-M-44
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RWCU	All non-exempt group A RWCU piping including that from valves 1F027 and 1F050 to valve HV1F004.	N/A		Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-RWCU	All exempt group A RWCU piping including: 3/4" test connections; 1" lines to instrument isolation valves.	N/A		B-P	VT-2		100% @ 1.1 x nominal operating pressure

System: HYDRO
 Reference Drawing No. ISI-M-41, ISI-M-44
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RWCU	All group B RWCU piping from valve HV1F039 to Feedwater valves HV1F074A, HV1F074B and 101C		N/A	Group B	VT-2		100% @ 1.25 design pressure



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System: HYDRO
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RWCU	All group B RWCU piping from valve HV1F040 to valve HV1F040.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RWCU	1" drain.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RWCU	All Group C RWCU Piping from 3 regenerative Valve HV1F040 thru 3 RWCU Pumps regenerative heat exchangers, 4 non regenerative heat exchangers, up to and including the following valves, HV-1F039, HV-1F034, HV-1F035, 1030A, B, C, 1001A, B, C, 1002A, B, C, 1031A, B, C, 1021, 1023, 1019, 1025, 1042, 1027, 1028, 1010A, B, C, 1008A, B, C, 1009A, B, C, PSV 106A&B, PSV 108, PSV109, 1005A, B, C, 1006A, B, C, 1007A, B, C, 1011A, B, C, D, 1012A, B, C, D, 1013A, B, C, D, 1049		N/A	Group C	VT-2		100% @ 1.1 design pressure △ 4

System: HYDRO
 Reference Drawing No. ISI-M-45
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RWCU	All group C RWCU piping from non-regenerative heat exchanger thru clean-up filter demineralizers and back to non-regenerative heat exchangers and up to the following valves 1025A&B, 1048A&B, 1-33A&B, 1-43A&B, 1-34A&B, 1021A&B, 1-45A&B, PSV 1-62A&B, 1027A&B, 1039A&B, 1-30A&B, 1-39A&B, 1-29A&B, SV101A&B	80A1561	N/A	Group C	VT-2		100% @ 1.1 design pressure △ 4

System: HYDRO
 Reference Drawing No. ISI-M-48
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-Standby Liquid Control	All exempt group A Standby Liquid Control piping from valve ZS-108 to HVIF006 A&B, including test connections.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating temperature
HYD-Standby Liquid Control	All group B Standby Liquid Control piping from Standby Liquid Control Tank to 3 injection pumps to valves HVIF006A&B.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-Standby Liquid Control	3/4", 1" and 1½" vent and drains.		N/A	Group B	VT-2		100% @ 1.25 design pressure

System: **HYDRO**
 Reference Drawing No. ISI-M-41, ISI-M-49
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RCIC	All exempt group A RCIC piping, including: Steam line B to valve HV1F008; 1" lines to instrument isolation valves; 3/4" drains; and 1" bypass line to valve HV1F076		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure 4

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RCIC	All group B RCIC piping from valve HV1F008 to turbine to valves HV1F060 and HV1F084 and rupture disc PSE1D002.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RCIC	Valves HV1F031, 1F010, 1F049 and RHR HV1F016A to pump to valves HV1F013 and HV1F019.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RCIC	½", ¾", 1", 1½" and 2" pump and valve drains to vacuum tank.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RCIC	2" line from vacuum pump to suppression pool.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RCIC	3" Auxiliary Steam line		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RCIC	4" line to condensate system.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RCIC	¾" and 1" vent, drain and test connections.		N/A	Group B	VT-2		100% @ 1.25 design pressure



System: HYDRO
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-CRD	All group B CRD piping from the Control Rod Drives to 185 Hydraulic Control Units to scram discharge headers to valves XV1F010 and XV1F011.		N/A	Group B	VT-2		100% @ 1.25 design pressure △ 4
HYD-CRD	3/4" and 1" vent and drain lines.		N/A	Group B	VT-2		100% @ 1.25 design pressure



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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-Fuel Pool Cooling & Cleanup	All group C FPCC piping including: Dryer storage pool to valves 1033 + 1034; Reactor well grates to valves 1039, 1042 and 1043, Skimmer surge tanks to valve 1007; Spent fuel cask storage pit to valves 1053, 1062 and 1076.		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-Fuel Pool Cooling & cleanup	RHR and ESW tie-ins to fuel storage pool valves 1024A, 1024B and 1093		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-Fuel Pool Cooling & cleanup	1" drains		N/A	Group C	VT-2		100% @ 1.1 design pressure

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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RHR Service	All group C RHR Service Water piping from 4 RHR Service Water pumps A, B, C and D to Unit 1 RHR heat exchangers to valves HV111, HV031C, HV032A, HV032C, 0013E, HV032B, HV032D, HV031D and HV211.		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-RHR Service	Valves HV110 and HV210 to loops A and B.		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-RHR Service	Valve HV112 to Valve HV114.		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-RHR Service	Valve HV212 to Valve HV214.		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-RHR Service	Valve 0030 to Valve 0031.		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-RHR Service	ESW Loop A and B discharge to 30" headers.		N/A	Group C	VT-2		100% @ 1.1 design pressure

System: DRO
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RHR Service	3/4" vent and drains.		N/A	Group C	VT-2		100% @ 1.1 design pressure

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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-ESW	All group C ESW piping from 4 ESW pumps to 8 sets of diesel generator heat exchangers, to RHR Service Water interface	N/A		Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	Loop A ESW piping includes 2 pumps to:	N/A		Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	1. RHR pump coolers (4).	N/A		Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	2. RHR motor coolers (4).	N/A		Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	3. RCIC pump coolers (2).	N/A		Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	4. HPCI pump coolers (2).	N/A		Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	5. Core Spray pump coolers (4).	N/A		Group C	VT-2		100% @ 1.1 design pressure

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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-ESW	6. Control room chillers.		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	7. RHR Service Water discharge headers.		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	Loop B ESW piping includes 2 pumps to:		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	1. RHR pump coolers (4).		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	2. RHR motor coolers (4).		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	3. Core Spray pump coolers (4).		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	4. Recirc. pump seal and motor coolers		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	5. Control room chillers.		N/A	Group C	VT-2		100% @ 1.1 design pressure

System: HYDRO
 Reference Drawing No. ISI-M-11
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-ESW	6. Valves HV124, HV125, HV127 and 1013.		N/A	Group C	VT-2		100% @ 1.1 design pressure
HYD-ESW	7. RHR Service Water discharge headers.		N/A	Group	VT-2		100% @ 1.1 design pressure



COMPONENTS INDEX

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TABLE D-2

LIMERICK UNIT 1
GROUPING OF CLASS I VALVES
FOR EXAMINATION CATEGORY B-M-2

<u>Valve Group</u>	<u>System</u>	<u>Valve Number</u>	<u>Manufacturer</u>	<u>Size and Construction Type</u>	<u>Mfg. Method</u>
1	MS	41-HV1F028A, B, C, D	Atwood & Morrill	26" Globe Valve	Cast
	MS	41-HV1F022A, B, C, D	Atwood & Morrill	26" Globe Valve	Cast
2	MS	41-PSV1F013A thru H, J, K, L, M, N, S	Target Rock	8" Relief Valve	Later
3	FW	41-HV1F011A, B	Anchor Darling	24" Gate Valve	Cast
4	FW	41-1F010A, B	Atwood & Morrill	24" Check Valve	Cast
	FW	41-HV1 F074A, B	Atwood & Morrill	24" Check Valve	Cast
5	RR	43-HV1F023A, B	Lunkenheimer	24" Gate Valve	Cast
	RR	43-HV1F031A, B	Lunkenheimer	24" Gate Valve	Cast
6	RW	44-HV1F001	Anchor Darling	6" Globe Valve	Cast
	RW	44-HV1F004	Anchor Darling	6" Globe Valve	Cast
7	RW	44-HV-C-1F105 (was 1F027)	Later	6" Gate Valve	Later
8	RH	51-1F077	Anchor Darling	20" Gate Valve	Cast
	RH	51-HV1F017A, B, C, D	Anchor Darling	12" Gate Valve	Cast
8 (or 12)	RH	51-1F060A, B	Anchor Darling	12" Gate Valve	Cast
8 (or 12)	RH	51-1F065A, B, C, D	Anchor Darling	12" Gate Valve	Cast
9	RH	51-HV1F015A, B	Anchor Darling	12" Globe Valve	Cast
	RH	51-HV1F023	Anchor Darling	6" Globe Valve	Cast
10	RH	51-1F019	Anchor Darling	6" Check Valve	Cast

TABLE D-2
LIMERICK UNIT 1
GROUPING OF CLASS I VALVES
FOR EXAMINATION CATEGORY B-M-2

<u>Valve Group</u>	<u>System</u>	<u>Valve Number</u>	<u>Manufacturer</u>	<u>(Size) Construction Type</u>	<u>Mfg. Method</u>
11	RH	51-HVIF050 A,B	Atwood & Morrill	12" Check Valve	Cast
	RH	51-HVIF041A, B, C, D	Atwood & Morrill	12" Check Valve	Cast
12	RH	51-HVIF008	Velan	20" Gate Valve	Forged
	RH	51-HVIF009	Velan	20" Gate Valve	Forged
12 (or 8)	RH	51-1F060A, B	Velan	12" Gate Valve	Forged
12 (or 8)	RH	51-1F065A, B, C, D	Velan	12" Gate Valve	Forged
12	RH	51-HVIF022	Velan	6" Gate Valve	Forged
13	CS	52-HV108	Anchor Darling	12" Check Valve	Cast
14	CS	52-HVIF005	Anchor Darling	12" Gate Valve	Cast
15	CS	52-HVIF006A, B	Atwood & Morrill	12" Check Valve	Cast
16	CS	52-1F007A, B	Velan	12" Gate Valve	Forged
17	HP	55-HVIF002	Anchor Darling	10" Globe Valve	Cast
	HP	55-HVIF003	Anchor Darling	10" Globe Valve	Cast





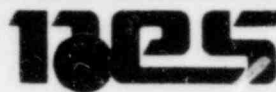
PROGRAM PLAN AND SCHEDULE

System: Components
Reference Drawing No. 01-01
Preservice Inspection

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
51-HVIF050A -B	12" Air Operated Check Valve Bolting	80A1561	N/A	B-G-2	VT-1	IV	
51-HVIF050A	12" Air Operated Check Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	IV	Valve Group 11
51-HVIF041A -B	12" Air Operated Check Valve Bonnet and Hinge Pin Packing Box Bolting	80A1561	N/A	B-G-2	VT-1	II	




PROGRAM PLAN AND SCHEDULE

System: Components
Reference Drawing No. 01-02
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
51-HV1F024A -B	18" Motorized Globe Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	
51-HV1F016A -B	16" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	VII	
51-HV1F021A -B	16" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	VII	
51-HV1F017A -B	12" Motorized Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	VII	



PROGRAM PLAN AND SCHEDULE

System: Components
Reference Drawing No. 01-03
Preservice Inspection

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
51-HV1F015A -B	12" Motorized Globe Valve Bolting	80A1561	N/A	B-G-2	VT-1	IX	
51-HV1F015A -B	12" Motorized Globe Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	IX	Valve Group 9
51-HV1F004A -B	12" Motorized Globe Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
51-1F031A -B	18" Check Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
51-HV1F047A -B	18" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	
51-HVC1F048A -B	18" Motorized Butterfly Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	
51-HV1F003A -B	18" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	X	



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System: Components
Reference Drawing No. 01-03
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
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COMPONENT EXAMINATIONS

51-HVC103A-B	8" Diaphragm Globe Valve Bolting	80A1562	N/A	C-D	PT	X	
		80A1561			VT-1		



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR PUMP A							
RHA-P-A	Inlet Flange to Nozzle Weld	80A2959	LIM-30-.625-CS	C-F	UT	XI	Nozzle Side
RHA-P-B	Inlet Nozzle to Casing Weld	80A2959	LIM-30-.625-CS	C-F	UT	XI	Nozzle Side
RHA-P-C	Casing Welds	80A2959	LIM-1.00-P	C-F	UT	XI	△ 4
RHA-P-D	Outlet Head to Casing Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Casing Side
RHA-P-E	Elbow to Outlet Head Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Elbow Side
RHA-P-F	Flange to Outlet Elbow Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Elbow Side
RHA-P-G	Stuffing Box to Outlet Elbow Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Elbow Side

System: Components
 Reference Drawing No. 01-03 & 01-27
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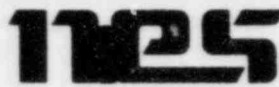


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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR PUMP A							
RHA-P -A1	Pump Support Anchor (1½" Diameter Bolted)	80A1561	N/A	C-E-2	VT-1	XI	



System: Components
 Reference Drawing No. 01-03 & 10-03, 01-27
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR PUMP A							
RHA-P-B1	Inlet Flange 1½' Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
RHA-P-B2	Outlet Flange 1¼" Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	

System: Components
 Reference Drawing No. 01-04
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT BOLTING							
51-HVIF015B -B	12" Motorized Glove Valve Bolting	80A1561	N/A	B-G-2	VT-1	IX	4
51-HVIF050B -B	12" Air Operated Check Valve Bolting	80A1561	N/A	B-G-2	VT-1	IV	
51-HVIF017B -B	12" Motorized Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	VII	
51-HVIF041B -B	12" Air Operated Check Valve Bonnet and Hinge Pin Stuffing Box Bolting	80A1561	N/A	B-G-2	VT-1	II	


System: Components
 Reference Drawing No. 01-05
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT BOLTING							
51-HVIF024B -B	18" Motorized Globe Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
51-HVIF016B -B	16" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	VII	
51-HVIF021B -B	16" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	VII	

System: Components
 Reference Drawing No. 01-06
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT BOLTING							
51-HV1F004B -B	4" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
51-1F031B -B	18" Check Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
51-HV1F047B -B	18" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	△ 4
51-HVC1F048B -B	18" Motorized Butterfly Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	
51-HV1F003B -B	18" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	X	
51-HVC103B -B	8" Diaphragm Globe Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	X	

PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR PUMP B							
RHB-P-A	Inlet Flange to Nozzle Weld	80A2959	LIM-30-.625-CS	C-F	UT	XI	Nozzle Side
RHB-P-B	Inlet Nozzle to Casing Weld	80A2959	LIM-30-.625-CS	C-F	UT	XI	Nozzle Side
RHB-P-C	Casing Welds	80A2959	LIM-1.00-P	C-F	UT	XI	△ 4
RHB-P-D	Outlet Head to Casing Weld	80A2959	LIM-1.00-P	C-F	UT	XI	Casing Side
RHB-P-E	Elbow to Outlet Head Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Elbow Side
RHB-P-F	Flange to Outlet Elbow Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Elbow Side
RHB-P-G	Stuffing Box to Outlet Elbow Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Elbow Side

System: Components
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR PUMP B							
RHB-P-A1	Pump Support Anchor (1 1/4" Diameter Bolted)	80A1561	N/A	C-E-2	VT-1	XI	



System: Components
 Reference Drawing No. 01-06 & 10-03, 01-27
 Preservice Inspection

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR PUMP B							
RHB-P-B1	Inlet Flange 1½" Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	
RHB-P-B2	Outlet Flange 1½" Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	



PROGRAM PLAN AND SCHEDULE

System: Components
Reference Drawing No. 01-07
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT BOLTING							
51-HVIF017C -B	12" Motorized Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	VII	△ 4
51-HVIF041C -B	12" Air Operated Check Valve Bonnet and Hinge Pin Packing Box Bolting	80A1561	N/A	B-G-2	VT-1	II	
51-1F065C -B	12" Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	II	
51-HVIF010A -B	18" Motorized Globe Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	

System: Components
 Reference Drawing No. 01-08 & 01-27
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR PUMP C							
RHC-P-A	Inlet Flange to Nozzle Weld	80A2959	LIM-30-.625-CS	C-F	UT	XI	Nozzle Side
RHC-P-B	Inlet Nozzle to Casing Weld	80A2959	LIM-30-.625-CS	C-F	UT	XI	Nozzle Side
RHC-P-C	Casing Welds	80A2959	LIM-1.00-P	C-F	UT	XI	△ 4
RHC-P-D	Outlet Head to Casing Weld	80A2959	LIM-1.00-P	C-F	UT	XI	Casing Side
RHC-P-E	Elbow to Outlet Head Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Elbow Side
RHC-P-F	Flange to Outlet Elbow Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Elbow Side
RHC-P-G	Stuffing Box to Outlet Elbow Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Elbow Side



System: Components
 Reference Drawing No. 01-08 & 10-03, 01-27
 Preservice Inspection

PROGRAM PLAN AND SCHEDULE

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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR PUMP C							
RHC-P-A1	Pump Support Anchor, (1 1/2" Diameter Bolted)	80A1561	N/A	C-E-2	VT-1	XI	

System: Components
 Reference Drawing No. 01-08 & 10-03, 01-27
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR PUMP C							
RHC-P-B1	Inlet Flange 1½" Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
RHC-P-B2	Outlet Flange 1¼" Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	

System: Components
 Reference Drawing No. 01-08
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT BOLTING							
51-HV1F004C -B	24" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
51-1F031C-B	18" Check Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	

System: Components
 Reference Drawing No. 01-09
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT BOLTING							
51-HV1F017D -B	12" Motorized Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	VII	
51-HV1F041D -B	12" Air Operated Check Valve Bonnet and Hinge Pin Packing Box Bolting	80A1561	N/A	B-G-2	VT-1	II	
51-1F065D -B	12" Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	II	
51-HV1F010B -B	18" Motorized Globe Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	

System: Components
 Reference Drawing No. 01-10
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT BOLTING							
51-HV1F004D -B	24" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
51-1F031D -B	18" Check Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	

System: Components
 Reference Drawing No. 01-10 & 01-27
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR PUMP D							
RHD-P-A	Inlet Flange to Nozzle Weld	80A2959	LIM-30-.625-CS	C-F	UT	XI	Nozzle Side
RHD-P-B	Inlet Nozzle to Casing Weld	80A2959	LIM-30-.625-CS	C-F	UT	XI	Nozzle Side
RHD-P-C	Casing Welds	80A2959	LIM-1.00-P	C-F	UT	XI	△ 4
RHD-P-D	Outlet Head to Casing Weld	80A2959	LIM-1.00-P	C-F	UT	XI	Casing Side
RHD-P-E	Elbow to Outlet Head Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Elbow Side
RHD-P-F	Flange to Outlet Elbow Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Elbow Side
RHD-P-G	Stuffing Box to Outlet Elbow Weld	80A2959	LIM-18-.500-CS	C-F	UT	XI	Elbow Side

System: Components
 Reference Drawing No. 01-10 & 10-03, 01-27
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR PUMP D							
RHD-P-A1	Pump Support Anchor (1 1/4" Diameter Bolted)	80A1561	N/A	C-E-2	VT-1	XI	

System: Components
 Reference Drawing No. 01-10 & 10-03, 01-27
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR PUMP D							
RHD-P-B1	Inlet Flange 1½" Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
RHD-P-B2	Outlet Flange 1½" Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	



System: Components
 Reference Drawing No. 01-11
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
51-1F077	20" Gate Valve Stem Packing Bolting	80A1561	N/A	B-G-2	VT-1	IV	
51-1F077	20" Gate Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	IV	Valve Group 8
51-HVIF008	20" Motorized Gate Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	II	Valve Group 12

System: Components
 Reference Drawing No. 01-13
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT BOLTING							
51-1F067A-B	20" Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
51-1F067B-B	20" Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
51-HVIF006A -B	20" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
51-HVIF006B -B	20" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	

System: Components
 Reference Drawing No. 01-15
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
51-HV1F022 -B	6" Motorized Gate Valve Bolting Bolting	80A1561	N/A	B-G-2	VT-1	I	
51-1F019-B	6" Check Valve Hinge Pin Cover Bolting	80A1561	N/A	B-G-2	VT-1	I	
51-1F019	6" Check Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	I	Valve Group 10

System: Components
 Reference Drawing No. 01-16
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COMPONENT EXAMINATIONS							
51-HV1F023-B	6" Motorized Globe Valve Bolting Bolting	80A1561	N/A	B-G-2	VT-1	IX	

System: Components
 Reference Drawing No. 01-17
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COMPONENT EXAMINATIONS							
51-1F078-B	18" Check Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	X	
51-HV1F075-B	18" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	X	

System: Components
 Reference Drawing No. 01-20, 01-18, 10-19
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT BOLTING							
51-PSV1F055A -B	6" x 10" Vacuum Breaker Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	
51-PSV1F055B -B	6" x 10" Vacuum Breaker Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	
51-PSV101A -B	6" x 6" Vacuum Breaker Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	
51-PSV101B -B	6" x 6" Vacuum Breaker Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	

System: Components
 Reference Drawing No. 01-21
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
51-PSV1F097 -B	4" x 6" Relief Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	



System: Components
Reference Drawing No. 01-22
Preservice Inspection

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
51-HV125A-B	18" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	IX	
51-HV125A-B	18" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	VIII	

System: HYDRO
 Reference Drawing No. ISI-M-42
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-NB Instru- mentation	7. Valve 1F056, 1F060, 1F054, 1F075 to RPV nozzle N10.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure 4

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RHR	All group A non-exempt RHR piping from valves HV1F017A, B, C, D to RPV nozzles 17A, B, C, D		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-RHR	Valves HV1F015A, B, to valves 1F060A, B.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-RHR	Valve 1F077 to valve HV1F008.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-RHR	Valve HV1F023 to RPV nozzle N6A.		N/A	Group A non-exempt	VT-2		100% @ 1.1 x nominal operating pressure
HYD-RHR	All group A exempt RHR piping including: 1" lines to instruments XV-102A, B, C, D and XV-103A, B, C, D.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure
HYD-RHR	Bypass lines around valves HV1F041A, B, and HV1F050A, B.		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure



PROGRAM PLAN AND SCHEDULE

System: HYDRO
Reference Drawing No. ISI-M-41, ISI-M-51
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RHR	3/4" vent and test connections. from valves HVIF017A, B, C, D to RPV nozzles 17A, B, C, D		N/A	B-P	VT-2		100% @ 1.1 x nominal operating pressure



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO	REMARKS
<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RHR	All group B RHR piping in 4 loops:		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Loop A: Piping from valve HV1F004A to Heat Exchanger A to valves HV1F015A, HV1F027A, HV125A, HV1F017A, HV1F021A and HV1F023.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Piping to valves 101A, HV125A, HV130, 1F069A, HV1F040, 1033A and 1F089A.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	3/4", 1" and 4" vent, drains & instr. lines.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Loop B: Piping from valve HV1F004B to pump B to Heat Exchanger B to valves HV1F015B, HV1F027B, HV125B, HV1F017B, 1023 and HV1F021B.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Piping to valves HV125B, 1033B 1F089B.		N/A	Group B	VT-2		100% @ 1.25 design pressure 4

System: HYDRO
 Reference Drawing No. ISI-M-51
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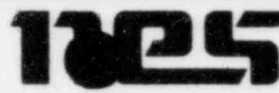
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RHR	3/4", 1" and 4" vent, drains and test connections.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Loop C: Piping from valve HV1F004C to pump C to valves HV1F010A and HV1F017C.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Piping to valve HV105A, 1F089C.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	3/4", 1" and 4" Vent and Drains		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Loop D: All piping from valve HV1F004D to pump D to valves HV1F010B and HV1F017D.		N/A	Group B	VT-2		100% @ 1.25 design pressure 4
HYD-RHR	All piping to valves HV105B and 1F089D.		N/A	Group B	VT-2		100% @ 1.25 design pressure 4
HYD-RHR	3/4", 1" and 4" vent and drains.		N/A	Group B	VT-2		100% @ 1.25 design pressure

System: HYDRO
 Reference Drawing No. ISI-M-51
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<u>HYDROSTATIC EXAMINATIONS</u>							
HYD-RHR	Also, all RHR group B piping from valve HV1F009 to 4 pump suction lines.		N/A	Group B	VT-2		100% @ 1.25 design pressure
HYD-RHR	Connections between heat exchangers and vacuum breakers.		N/A	Group B	VT-2		100% @ 1.25 design pressure



System: Components
 Reference Drawing No. 01-24
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR HEAT EXCHANGERS							
RHR-HXA-1	Head to Shell 4 Weld	80A2960	LIM-1.00-P	C-A	UT VT-1	XI	
RHR-HXA-2	Shell 4 to Shell 3 Weld	80A2960	LIM-F-.812-CS	C-A	UT VT-1	XI	
RHR-HXA-3	Shell 3 to Shell 2 Weld	80A2960	LIM-F-1.18-CS	C-A	UT VT-1	XI	
RHR-HXA-4	Shell 1 to Flange Weld	80A2960	LIM-F-1.18-CS	C-A	UT VT-1	XI	Shell Side
RHR-HXA-N3	Nozzle to Head Weld	80A2960	LIM-1.00-P	C-B	UT VT-1	XI	Head Side
RHR-HXA-N4	Nozzle to Shell 1 Weld	80A2960	LIM-F-1.18-CS	C-B	UT VT-1	XI	Shell Side



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System: Components
Reference Drawing No. 01-24
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR HEAT EXCHANGERS							
RHR-HXA-B	Shell Flange 1 1/8" Stud Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR HEAT EXCHANGERS							
RHR-HXB-1-	Head to Shell 4 Weld	80A2960	LIM-1.00-P	C-A	UT	X	4
RHR-HXB-2	Shell 4 to Shell 3 Weld	80A2960	LIM-F .812-CS	C-A	UT	X	
RHR-HXB-3	Shell 3 to Shell 2 Weld	80A2960	LIM-F 1.18-CS	C-A	UT	X	
RHR-HXB-4	Shell 1 to Flange Weld	80A2960	LIM-F 1.18-CS	C-A	UT	X	Shell Side
RHR-HXB-N3	Nozzle to Head Weld	80A2960	LIM-F 1.18-CS	C-B	UT	X	Head Side
RHR-HXB-N4	Nozzle to Shell 1 Weld	80A2960	LIM-F 1.18-CS	C-B	UT	X	Shell Side



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System: Components
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO	REMARKS
RHR HEAT EXCHANGERS							
RHR-HXB-B	Shell Flange 1 1/8" Stud Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	X	



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RHR HEAT EXCHANGERS							
RHR-HXB-1-A	Top Mounting Support A	80A1562	N/A	C-C	PT	X	
RHR-HXB-1-B	Top Mounting Support B	80A1562	N/A	C-C	PT	X	
RHR-HXB-1-C	Top Mounting Support C	80A1562	N/A	C-C	PT	X	
RHR-HXB-1-D	Top Mounting Support D	80A1562	N/A	C-C	PT	X	
RHR-HXB-2-A	Bottom Mounting Support A	80A1562	N/A	C-C	PT	X	
RHR-HXB-2-B	Bottom Mounting Support B	80A1562	N/A	C-C	PT	X	
RHR-HXB-2-C	Bottom Mounting Support C	80A1562	N/A	C-C	PT	X	
RHR-HXB-2-D	Bottom Mounting Support D	80A1562	N/A	C-C	PT	X	

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
RHR HEAT EXCHANGERS							
RHR-HXA-1-A	Top Mounting Support A	80A1562	N/A	C-C	PT	XI	
RHR-HXA-1-B	Top Mounting Support B	80A1562	N/A	C-C	PT	XI	
RHR-HXA-1-C	Top Mounting Support C	80A1562	N/A	C-C	PT	XI	
RHR-HXA-1-D	Top Mounting Support D	80A1562	N/A	C-C	PT	XI	
RHR-HXA-2-A	Bottom Mounting Support A	80A1562	N/A	C-C	PT	XI	
RHR-HXA-2-B	Bottom Mounting Support B	80A1562	N/A	C-C	PT	XI	
RHR-HXA-2-C	Bottom Mounting Support C	80A1562	N/A	C-C	PT	XI	
RHR-HXA-2-D	Bottom Mounting Support D	80A1562	N/A	C-C	PT	XI	



System: Components
 Reference Drawing No. 02-01
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COMPONENT EXAMINATIONS							
55-HV1F002 -B	10" Motorized Globe Valve Bolting	80A1561	N/A	B-G-2	VT-1	V	
55-HV1F002	10" Motorized Globe Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	V	Valve Group 17
55-HV1F003 -B	10" Motorized Globe Valve Bolting	80A1561	N/A	B-G-2	VT-1	IX	

System: Components
 Reference Drawing No. 02-02
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COMPONENT EXAMINATIONS							
55-HV1F001 -B	10" Motorized Globe Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	

System: Components
 Reference Drawing No. 02-03
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COMPONENT EXAMINATIONS							
55-1F021-B	12" Globe Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	X	

System: Components
 Reference Drawing No. 02-04
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COMPONENT EXAMINATIONS							
55-1F005-B	14" Check Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	X	
55-1F006-B	12" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	VII	
55-1F007-B	14" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	X	



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System: Components
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
HPCI PUMP							
HP-P-B	HPCI Pump Casing 38-1 3/4" Stud Bolting	80A1561 80A1562	N/A	C-D	VT-1 PT	XI	

System: Components
 Reference Drawing No. 02-05
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HPCI PUMP							
HP-P-A	Pump Support, Anchor (Bolting)	80A1561	N/A	C-E-2	VT-1	XI	

System: Components
 Reference Drawing No. 03-01
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
41-HV1F028A -S	26" Air Operated Globe Valve Bolting Studs*	80A1566	LIM-2.00 STUD LIM-NSS	B-G-1	UT	VIII	
41-HV1F028B -S	26" Air Operated Globe Valve Bolting Studs*	80A1566	LIM-2.00 STUD LIM-NSS	B-G-1	UT	VIII	
41-HV1F022A -S	26" Air Operated Globe Valve Bolting Studs*	80A1566	LIM-2.00 STUD LIM-NSS	B-G-1	UT	VIII	
41-HV1F022B -S	26" Air Operated Globe Valve Bolting Studs*	80A: 566	LIM-2.00 STUD LIM-NSS	B-G-1	UT	VIII	△ 4
* If bolting is removed, a liquid penetrant examination shall also be performed.							



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System: Components
Reference Drawing No. 03-01
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
41-HVIF028A -B	26" Air Operated Globe Valve Bolting	80A1561	N/A	B-G-1	VT-1	VIII	
41-HVIF028B -B	26" Air Operated Globe Valve Bolting	80A1561	N/A	B-G-1	VT-1	VIII	
41-HVIF022A -B	26" Air Operated Globe Valve Bolting	80A1561	N/A	B-G-1	VT-1	III	
41-HVIF022B -B	26" Air Operated Globe Valve Bolting	80A1561	N/A	B-G-1	VT-1	III	

System: Components
 Reference Drawing No. 03-01
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PROGRAM PLAN AND SCHEDULE

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 PROJECT

By: CJR Date: 1/06/82
 App: [Signature] Date: 8/82
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
41-PSV1F013A -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	
41-PSV1F013B -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	
41-PSV1F013E -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	
41-PSV1F013F -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	
41-PSV1F013J -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	
41-PSV1F013K -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	
41-PSV1F013N -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	



PROGRAM PLAN AND SCHEDULE

System: Components
Reference Drawing No. 03-01
Preservice Inspection

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
41-HVIF028A	26" Air Operated Globe Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	VIII	Valve Group 1
41-PSVIF013A	8" Air Operated Relief Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	III	Valve Group 2



PROGRAM PLAN AND SCHEDULE

System: Components
Reference Drawing No. 03-03
Preservice Inspection

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
01-HV108-B	6" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	VIII	
01-HV109-B	6" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	VIII	

PROGRAM PLAN AND SCHEDULE

80A1558
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
41-HV1F028C -S	26" Air Operated Globe Valve Studs*	80A1566	LIM-2.00- STUD LIM-NSS	B-G-1	UT	VIII	
41-HV1F028D -S	26" Air Operated Globe Valve Studs*	80A1566	LIM-2.00- STUD LIM-NSS	B-G-1	UT	VIII	
41-HV1F022C -S	26" Air Operated Globe Valve Studs*	80A1566	LIM-2.00- STUD LIM-NSS	B-G-1	UT	VIII	
41-HV1F022D -S	26" Air Operated Globe Valve Studs*	80A1566	LIM-2.00- STUD LIM-NSS	B-G-1	UT	VIII	
<p>* If bolting is removed, a liquid penetrant examination shall also be performed.</p>							

System: Components
 Reference Drawing No. 03-04
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
41-HV1F028C -B	26" Air Operated Glove Valve	80A1561	N/A	B-G-1	VT-1	VIII	△ 4
41-HV1F028D -B	26" Air Operated Glove Valve	80A1561	N/A	B-G-1	VT-1	VIII	△ 4
41-HV1F022C -B	26" Air Operated Glove Valve	80A1561	N/A	B-G-1	VT-1	III	
41-HV1F022D -B	26" Air Operated Glove Valve	80A1561	N/A	B-G-1	VT-1	III	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
41-PSV1F013C -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	
41-PSV1F013D -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	
41-PSV1F013G -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	
41-PSV1F013H -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	
41-PSV1F013L -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	
41-PSV1F013M -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	
41-PSV1F013S -B	8" Relief Valve Bolting	80A1561	N/A	B-G-2	VT-1	III	

System: Components
 Reference Drawing No. 03-05
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
01-HV1111-B	8" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D VT-1	PT	VIII	



System: Components
 Reference Drawing No. 04-01
 Preservice Inspection

PROGRAM PLAN AND SCHEDULE

By: CJB Date: Aug 82
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
52-HV1F006A -B	12" Air Operated Check Valve Bonnet and Hinge Pin Packing Box Bolting	80A1561	N/A	B-G-2	VT-1	II	
52-HV1F006A	12" Air Operated Check Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	II	Valve Group 15
52-1F007A	12" Gate Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	II	Valve Group 16
52-HV1F005-B	12" Motorized Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	VII	
52-HV1F005	12" Motorized Gate Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	II	Valve Group 14

System: Components
 Reference Drawing No. 04-02
 Preservice Inspection



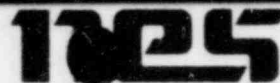
PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
52-HV1F004A	12" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	VII	

System: Components
 Reference Drawing No. 04-03
 Preservice Inspection



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
52-HV1F001A-B	16" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
52-HV1F001C-B	16" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	△ 4
52-1F003A-B	12" Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
52-1F003C-B	12" Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
52-1F020A-B	12" Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
52-1F020C-B	12" Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	



PROGRAM PLAN AND SCHEDULE

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PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
CORE SPRAY PUMP A							
CSA-P-A	Inlet Flange to Nozzle Weld	80A2959	LIM-16-.500-CS	C-F	UT	XI	Nozzle Side
CSA-P-B	Inlet Nozzle to Casing Weld	80A2959	LIM-16-.500-CS	C-F	UT	XI	Nozzle Side
CSA-P-C	Casing Welds	80A2959	LIM-1.00-P	C-F	UT	XI	△ 4
CSA-P-D	Outlet Head to Casing Weld	80A2959	LIM-1.00-P	C-F	UT	XI	Casing Side
CSA-P-E	Elbow to Outlet Head Weld	80A2959	LIM-10-.365-CS	C-F	UT	XI	Elbow Side
CSA-P-F	Flange to Outlet Elbow Weld	80A2959	LIM-10-.365-CS	C-F	UT	XI	Elbow Side
CSA-P-G	Stuffing Box to Outlet Elbow Weld	80A2959	LIM-10-.365-CS	C-F	UT	XI	Elbow Side



System: Components
Reference Drawing No. 04-03, 04-09
Preservice Inspection

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
CORE SPRAY PUMP A							
CSA-P-A1	Pump Support, Anchor (1 1/4" Diameter Bolting)	80A1561	N/A	C-E-2	VT-1	XI	

PROGRAM PLAN AND SCHEDULE

80A1558
 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
CORE SPRAY PUMP C							
CSC-P-A	Inlet Flange to Nozzle Weld	80A2959	LIM-16-.500-CS	C-F	UT	XI	Nozzle Side
CSC-P-B	Inlet Nozzle to Casing Weld	80A2959	LIM-16-.500-CS	C-F	UT	XI	Nozzle Side
CSC-P-C	Casing Welds	80A2959	LIM-1.00-P	C-F	UT	XI	
CSC-P-D	Outlet Head to Casing Weld	80A2959	LIM-1.00-P	C-F	UT	XI	Casing Side
CSC-P-E	Elbow to Outlet Head Weld	80A2959	LIM-10-.365-CS	C-F	UT	XI	Elbow Side
CSC-P-F	Flange to Outlet Elbow Weld	80A2959	LIM-10-.365-CS	C-F	UT	XI	Elbow Side
CSC-P-G	Stuffing Box to Outlet Elbow Weld	80A2959	LIM-10-.365-CS	C-F	UT	XI	Elbow Side

System: Components
 Reference Drawing No. 04-03, 04-09
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
CORE SPRAY PUMP C							
CSC-P-A1	Pump Support, Anchor (1 1/4" Diameter Bolting)	80A1561	N/A	C-E-2	VT-1	XI	

System: Components
 Reference Drawing No. 04-04
 Preservice Inspection



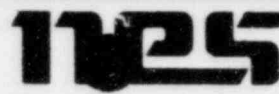
PROGRAM PLAN AND SCHEDULE

By: CJT Date: AUG 82
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
52-HV108-B	12" Air Operated Check Valve Hinge Pin Stuffing Box Bolting	80A1561	N/A	B-G-2	VT-1	VII	
52-HV108	12" Air Operated Check Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	VII	Valve Group 13
52-HV1F006B-B	12" Air Operated Check Valve Bonnet and Hinge Pin Packing Box Bolting	80A1561	N/A	B-G-2	VT-1	II	

System: Components
 Reference Drawing No. 04-05
 Preservice Inspection



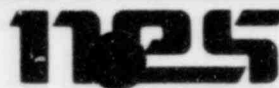
PROGRAM PLAN AND SCHEDULE

By: CJE Date: 4/4/82
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
52-HV1F004B -B	12" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	VII	
52-HV1F037 -B	12" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	VII	

System: Components
 Reference Drawing No. 04-06
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
52-1F003B-B	12" Check Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
52-1F003D-B	12" Check Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
52-1F020B-B	12" Check Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
52-1F020D-B	12" Check Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	



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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
CORE SPRAY PUMP B							
CSB-P-A	Inlet Flange to Nozzle Weld	80A2959	LIM-16-.500-CS	C-F	UT	XI	Nozzie Side
CSB-P-B	Inlet Nozzle to Casing Weld	80A2959	LIM-16-.500-CS	C-F	UT	XI	Nozzle Side
CSB-P-C	Casing Welds	80A2959	LIM-1.00-P	C-F	UT	XI	4
CSB-P-D	Outlet Head to Casing Weld	80A2959	LIM-1.00-P	C-F	UT	XI	Casing Side
CSB-P-E	Elbow to Outlet Head Weld	80A2959	LIM-10-.365-CS	C-F	UT	XI	Elbow Side
CSB-P-F	Flange to Outlet Elbow Weld	80A2959	LIM-10-.365-CS	C-F	UT	XI	Elbow Side
CSB-P-G	Stuffing Box to Outlet Elbow Weld	80A2959	LIM-10-.365-CS	C-F	UT	XI	Elbow Side



PROGRAM PLAN AND SCHEDULE

System: Components
Reference Drawing No. 04-06, 04-09
Preservice Inspection

By: CTZ Date: Aug 82
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PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
CORE SPRAY PUMP B							
CSB-P-A1	Pump Support, Anchor (1 1/2" Diameter Bolting)	80A1561	N/A	C-E-2	VT-1	XI	

System: Components
 Reference Drawing No. 04-06 + 04-09
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
CORE SPRAY PUMP D							
CSD-P-A	Inlet Flange to Nozzle Weld	80A2959	LIM-16-.500-CS	C-F	UT	XI	Nozzle Side
CSD-P-B	Inlet Nozzle to Casing Weld	80A2959	LIM-16-.500-CS	C-F	UT	XI	Nozzle Side
CSD-P-C	Casing Welds	80A2959	LIM-1.00-P	C-F	UT	XI	△ 4
CSD-P-D	Outlet Head to Casing Weld	80A2959	LIM-1.00-P	C-F	UT	XI	Casing Side
CSD-P-E	Elbow to Outlet Head Weld	80A2959	LIM-10-.365-CS	C-F	UT	XI	Elbow Side
CSD-P-F	Flange to Outlet Elbow Weld	80A2959	LIM-10-.365-CS	C-F	UT	XI	Elbow Side
CSD-P-G	Stuffing Box to Outlet Elbow Weld	80A2959	LIM-10-.365-CS	C-F	UT	XI	Elbow Side



System: Components
 Reference Drawing No. 04-06, 04-09
 Preservice Inspection

PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
CORE SPRAY PUMP D							
CSD-P-A1	Pump to Concrete 1 1/2" Bolting Pump Support, Anchor (1 1/2" Diameter Bolting)	80A1561	N/A	C-E-2	VT-1	XI	4



PROGRAM PLAN AND SCHEDULE

System: Components
Reference Drawing No. 04-07
Preservice Inspection

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
52-HV1F001B -B	16" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	
52-HV1F001D -B	16" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	XI	

System: Components
 Reference Drawing No. 05-01
 Preservice Inspection

1125

PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
41-HV1F011A	4" Motorized Gate Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	II	Valve Group 3
41-1F010A-B	4" Check Valve Bolting Hinge Pin Packing Box Bolting	80A1561	N/A	B-G-2	VT-1	II	
41-1F010A	4" Check Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	II	Valve Group 4
41-HV1F074A -B	4" Air Operated Check Valve Bolting Hinge Pin Packing Box Bolting	80A1561	N/A	B-G-2	VT-1	VII	△ 4

System: Components
 Reference Drawing No. 05-02
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

By: CJR Date: AUG 82
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
41-HV109A-B	16" Motorized Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	VII	



System: Components
 Reference Drawing No. 05-03
 Preservice Inspection

PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
41-1F010B	4" Check Valve Hinge Pin Packing Box Bolting	80A1561	N/A	B-G-2	VT-1	II	△ 4
41-HV1F074B	4" Air Operated Check Valve Hinge Pin Packing Box Bolting	80A1561	N/A	B-G-2	VT-1	VII	



System: Components
 Reference Drawing No. 05-04
 Preservice Inspection

PROGRAM PLAN AND SCHEDULE

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
41-HV109B-B	16" Motorized Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	VII	



System: Components
 Reference Drawing No. 06-03
 Preservice Inspection

PROGRAM PLAN AND SCHEDULE

By: CR Date: Aug 82
 App: CRB Date: 8/82
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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
49-HV1F012 -B	6" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	X	
49-HV1F013 -B	6" Motorized Gate Valve Bolting	80A1562 80A1561	N/A	C-D	PT VT-1	VIII	4



System: Components
 Reference Drawing No. 07-01
 Preservice Inspection

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COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
43-HV1F023A -B	24" Motorized Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	V	
43-HV1F031A -B	24" Motorized Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	V	
43-HV1F023A	24" Motorized Gate Valve Internal Surfaces	80A1561	N/A	B-M-2	VT-1	V	Valve Group 5



PROGRAM PLAN AND SCHEDULE

System: Components
Reference Drawing No. 07-01
Preservice Inspection

By: CJE Date: Aug 82
App: ASB Date: 8/82
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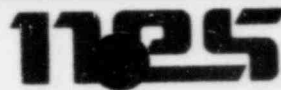
80A1558
PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
--------------------------	-----------------------	------------------	-----------------------------------	---------------	------------------	----------	---------

COMPONENT EXAMINATIONS

RRA-P-C001A- S	Pump B32-C001A Studs*	80A1566	LIM-3.00- STUD LIM-NSS	B-G-I	UT	V	
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* If bolting is removed, a liquid penetrant examination shall also be performed.



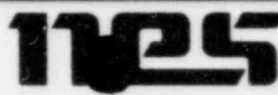
PROGRAM PLAN AND SCHEDULE

System: Components
Reference Drawing No. 07-01
Preservice Inspection

By: CJE Date: Aug 82
App: [Signature] Date: 8/82
Rev: 1 Page: 75 Of 81

80A1558
PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
RRA-P-C001A-B1	Pump B32-C001A 1 1/2" Bolting	80A1561	N/A	B-G-1	VT-1	V	
RRA-P-C001A-B2	Pump B32-C001A 1 1/8" Bolting	80A1561	N/A	B-G-1	VT-1	V	
RRA-P-C001A	Pump A Internal Casing	80A1561	N/A	B-L-2	VT-1	V	



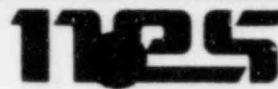
PROGRAM PLAN AND SCHEDULE

System: Components
Reference Drawing No. 07-02
Preservice Inspection

By: CJR Date: AUG 82
App: BBB Date: 8/8 2
Rev: 1 Page: 76 Of 81

80A1558
PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
43-HV1F023B -B	24" Motorized Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	V	
43-HV1F031B -B	24" Motorized Gate Valve Bolting	80A1561	N/A	B-G-2	VT-1	V	



PROGRAM PLAN AND SCHEDULE

System: Components
Reference Drawing No. 07-02
Preservice Inspection

By: CJR Date: AUG 82
App: [Signature] Date: 8/82
Rev 4 Page: 77 Of 81

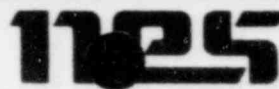
80A1558
PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
--------------------------	-----------------------	------------------	-----------------------------------	---------------	------------------	----------	---------

COMPONENT EXAMINATIONS

RRB-P-C001B-S	Pump B32-C001B Studs*	80A1566	LIM-3.00-STUD LIM-NSS	B-G-1	UT	V	
---------------	-----------------------	---------	--------------------------	-------	----	---	--

* If bolting is removed, a liquid penetrant examination shall be performed.



System: Components
 Reference Drawing No. 07-02
 Preservice Inspection

PROGRAM PLAN AND SCHEDULE

By: CJL Date: 4/6/82
 App: SAB Date: 8/82
 Rev: 4 Page: 78 Of 81

80A1558
 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
RRB-P-C001B -B1	Pump B32-C001B 1 1/4" Bolting	80A1561	N/A	B-G-1	VT-1	V	
RRB-P-C001B -B2	Pump B32-C001B 1 1/8" Bolting	80A1561	N/A	B-G-2	VT-1	V	
RRB-P-C001B	Pump B Internal Casing	80A1561	N/A	B-L-2	VT-1	V	

System: Components
Reference Drawing No. 08-01
Preservice Inspection



PROGRAM PLAN AND SCHEDULE

80A1558
PROJECT

By: CJR Date: AUG 82
App: [Signature] Date: 8/82
Rev: 4 Page: 79 Of 81

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (if applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
<p>COMPONENT EXAMINATIONS</p> <p style="text-align: right;">/ 4</p>							

System: Components
 Reference Drawing No. 08-02
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

By: CJZ Date: Aug 82
 App: [Signature] Date: 8/82
 Rev: 4 Page: 80 Of 81

80A1558
 PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
44-HVIF004	6" Motorized Globe Valve Stem Gland Bolting	80A1561	N/A	B-G-2	VT-1	II	
44-HVIF001-B	6" Motorized Globe Valve Bolting	80A1561	N/A	B-G-2	VT-1	II	
44-HVIF001	6" Motorized Globe Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	II	Valve Group 6
44-HV-C-IF105-B	6" Gate Valve Pressure Retaining Bolting	80A1561	N/A	B-G-2	VT-1	III	4 (was 1F027)
44-HV-C-IF105	6" Gate Valve Interior Surfaces	80A1561	N/A	B-M-2	VT-1	III	4 Valve Group 7 (was 1F027)

System: Components
 Reference Drawing No. None
 Preservice Inspection



PROGRAM PLAN AND SCHEDULE

By: CJR Date: AUG 82
 App: SSB Date: 8/82
 Rev: 4 Page: 81 Of 81

80A1558
PROJECT

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	PROCEDURE NUMBER	CALIBRATION BLOCK (If applicable)	CODE CATEGORY	CODE EXAM METHOD	ZONE NO.	REMARKS
COMPONENT EXAMINATIONS							
43-1F029-B	" Globe Valve Bolting	80A1561	N/A	B-G-2	VT-1	IV	
43-1F030-B	" Globe Valve Bolting	80A1561	N/A	B-G-2	VT-1	IV	
43-1F050-B	" Globe Valve Bolting	80A1561	N/A	B-G-2	VT-1	II	
48-ZS108-B	1½" Globe Valve Bolting	80A1561	N/A	B-G-2	VT-1	II	
48-1F007-B	1½" Check Valve Bolting	80A1561	N/A	B-G-2	VT-1	V	
48-HV1F006-B	1½" Motorized Globe Valve Bolting	80A1561	N/A	B-G-2	VT-1	V	



NUCLEAR ENERGY SERVICES, INC.

DOCUMENT NO. 80A1558

PAGE 1 OF 7

APPENDIX E

SYSTEM ISOMETRICS AND SKETCHES

APPENDIX E DRAWINGS

The following drawings are referenced by the schedule of hydrovisual examinations of Appendix D and the classification tables of Appendix B, but are not included there due to their size. They are enclosed with the Program Plan in an expandable folder, separate from the loose leaf binders.

Mark-up of Piping and Instrument Diagrams:

ISI-M-01		REVISION 3
ISI-M-11	SHT 1	REVISION 3
ISI-M-11	SHT 2	REVISION 5
ISI-M-11	SHT 3	REVISION 2
ISI-M-12		REVISION 2
ISI-M-13		REVISION 4
ISI-M-40		REVISION 2
ISI-M-41		REVISION 3
ISI-M-42		REVISION 3
ISI-M-43		REVISION 2
ISI-M-44		REVISION 4
ISI-M-45		REVISION 2
ISI-M-47		REVISION 2
ISI-M-48		REVISION 4
ISI-M-49		REVISION 3
ISI-M-50		REVISION 3
ISI-M-51	SHT 1	REVISION 4
ISI-M-51	SHT 2	REVISION 4
ISI-M-52		REVISION 4
ISI-M-53		REVISION 2
ISI-M-55		REVISION 4
ISI-M-56		REVISION 1
		REVISION 2

APPENDIX E INDEX

The piping isometric figures listed below show the identification and location of areas for the Limerick Generating Station, Unit 1 PSI Program Plan requiring examination. Sketches may also be included that illustrate or locate areas of components requiring identification for examination.

RHR SYSTEM

01-01	REV. 3
01-02	REV. 2
01-03	REV. 2
01-03A	REV. 0
01-04	REV. 2
01-05	REV. 2
01-06	REV. 2
01-06A	REV. 0
01-07	REV. 2
01-08	REV. 2
01-09	REV. 2
01-10	REV. 2
01-11	REV. 2
01-12	REV. 2
01-13	REV. 2
01-14	REV. 2
01-15	REV. 1
01-16	REV. 2
01-17	REV. 2
01-18	REV. 2
01-19	REV. 2
01-20	REV. 2
01-21	REV. 2
01-22	REV. 2



RHR SYSTEM

01-23	REV. 2
01-24	REV. 0
01-25	REV. 0
01-26	REV. 0
01-27	REV. 2
01-101	REV. 2
01-102	REV. 2
01-103	REV. 2
01-103A	REV. 0
01-104	REV. 2
01-105	REV. 2
01-106	REV. 2
10-106A	REV. 0
01-107	REV. 2
01-108	REV. 2
01-109	REV. 2
01-110	REV. 2
01-111	REV. 2
01-112	REV. 2
01-113	REV. 2
01-114	REV. 2
01-115	REV. 1
01-116	REV. 2
01-117	REV. 2
01-118	REV. 2
01-119	REV. 2
01-120	REV. 2
01-121	REV. 2
01-122	REV. 2
01-123	REV. 2
01-126	REV. 0

△4

HPCI SYSTEM

02-01	REV. 2
02-02	REV. 1
02-03	REV. 2
02-04	REV. 2
02-05	REV. 1
02-06	REV. 1
02-101	REV. 2
02-102	REV. 2
02-103	REV. 2
02-104	REV. 1
02-105	REV. 1

MAIN STEAM SYSTEM

03-01	REV. 2
03-02	REV. 1
03-03	REV. 2
03-04	REV. 2
03-05	REV. 2
03-06	REV. 1
03-101	REV. 2
03-103	REV. 1
03-104	REV. 2
03-105	REV. 1
03-106	REV. 1

CORE SPRAY SYSTEM

04-01	REV. 2
04-02	REV. 2
04-03	REV. 2
04-04	REV. 2
04-05	REV. 2
04-06	REV. 1
04-07	REV. 2
04-08	REV. 2
04-09	REV. 2
04-101	REV. 2
04-102	REV. 2
04-103	REV. 2
04-104	REV. 1
04-105	REV. 2
04-106	REV. 1
04-107	REV. 2
04-108	REV. 2



FEEDWATER SYSTEM

05-01	REV. 2
05-02	REV. 1
05-03	REV. 2
05-04	REV. 2
05-101	REV. 2
05-102	REV. 1
05-103	REV. 2
05-104	REV. 1

RCIC SYSTEM

06-01	REV. 2
06-02	REV. 2
06-03	REV. 2
06-04	REV. 0
06-101	REV. 2
06-102	REV. 1
06-103	REV. 1
06-104	REV. 0

RECIRC. SYSTEM

07-01	REV. 2
07-02	REV. 2
07-101	REV. 2
07-102	REV. 2

RWCU SYSTEM

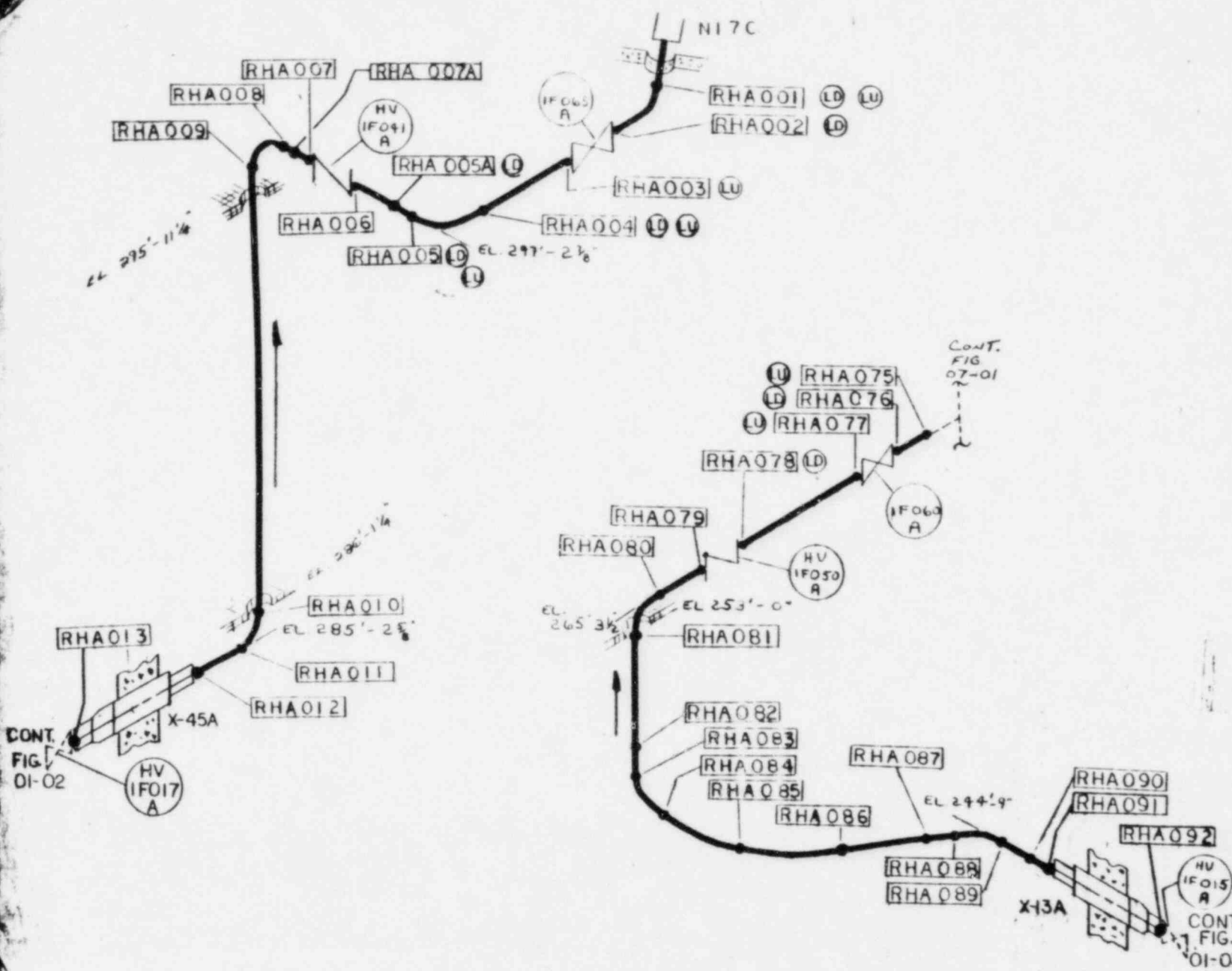
08-01	REV. 2
08-02	REV. 0
08-03	REV. 0
08-101	REV. 2
08-102	REV. 0
08-103	REV. 0

CRD SYSTEM

09-01	REV. 3
09-02	REV. 3

COMPONENTS

10-01	REV. 0
10-02	REV. 1
10-03	REV. 1
10-04	REV. 0



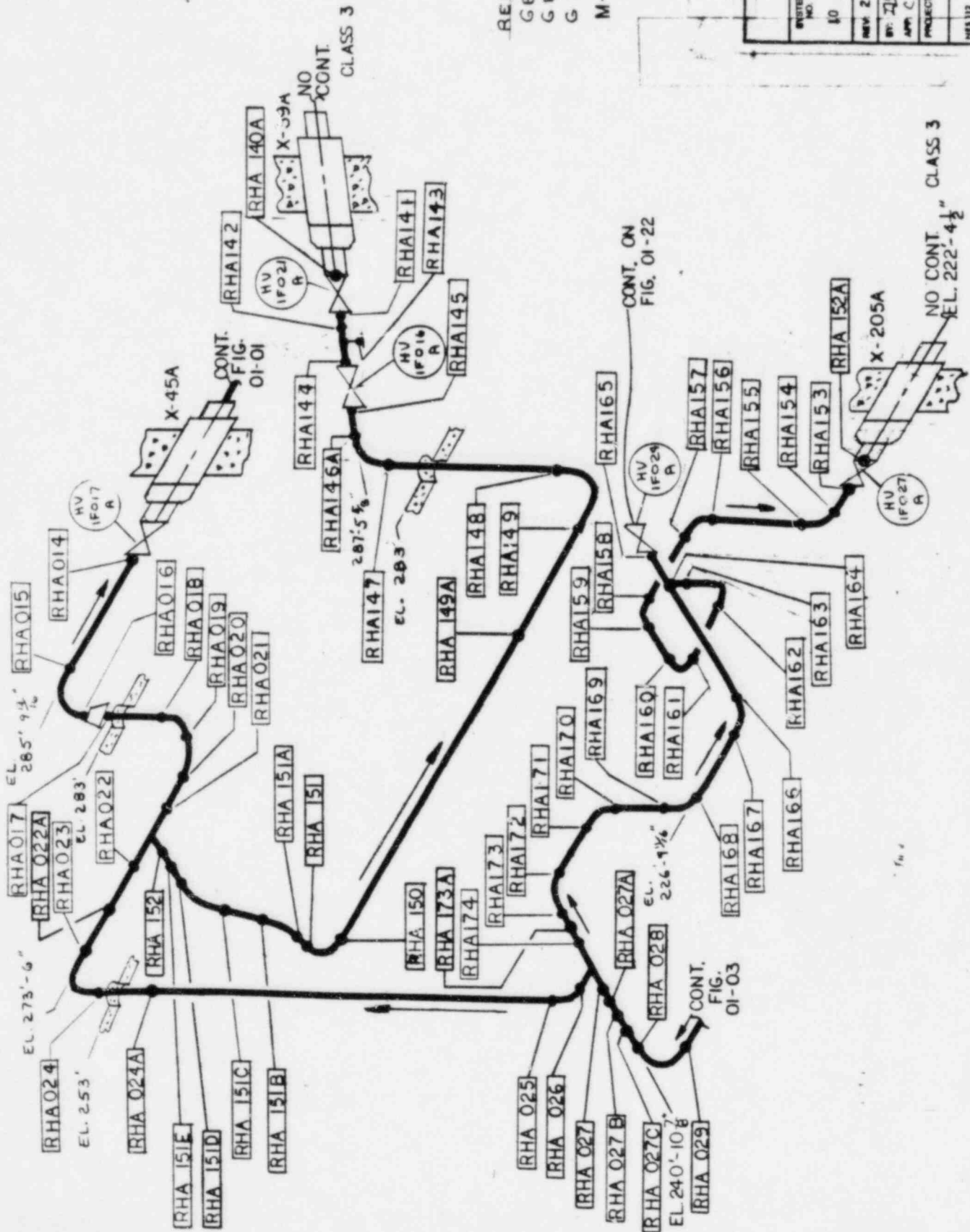
REF. BECHTEL DWGS.
 DCA-104-2 REV. 12
 DCA-104-4 REV. 2
 DCA-318-3 REV. 9
 DLA-112-3 REV. 18
 M-51 SHTS. 112 REV. 16

CONT.
 FIG.
 01-02

CONT.
 FIG.
 07-01

CONT.
 FIG.
 01-03

NUCLEAR ENERGY DIVISION MSS DIVISION	
SYSTEM NO. 10	TITLE RHR LOOP A WELD MAP
REV. 3	FIG. NO. 01-01
BY: JWB	DATE: 8-2-81
APP. CJE	DATE: 12 AUG 81
PROJECT: 5531 LIMERICK UNIT I	
MSS 112	NOT TO SCALE



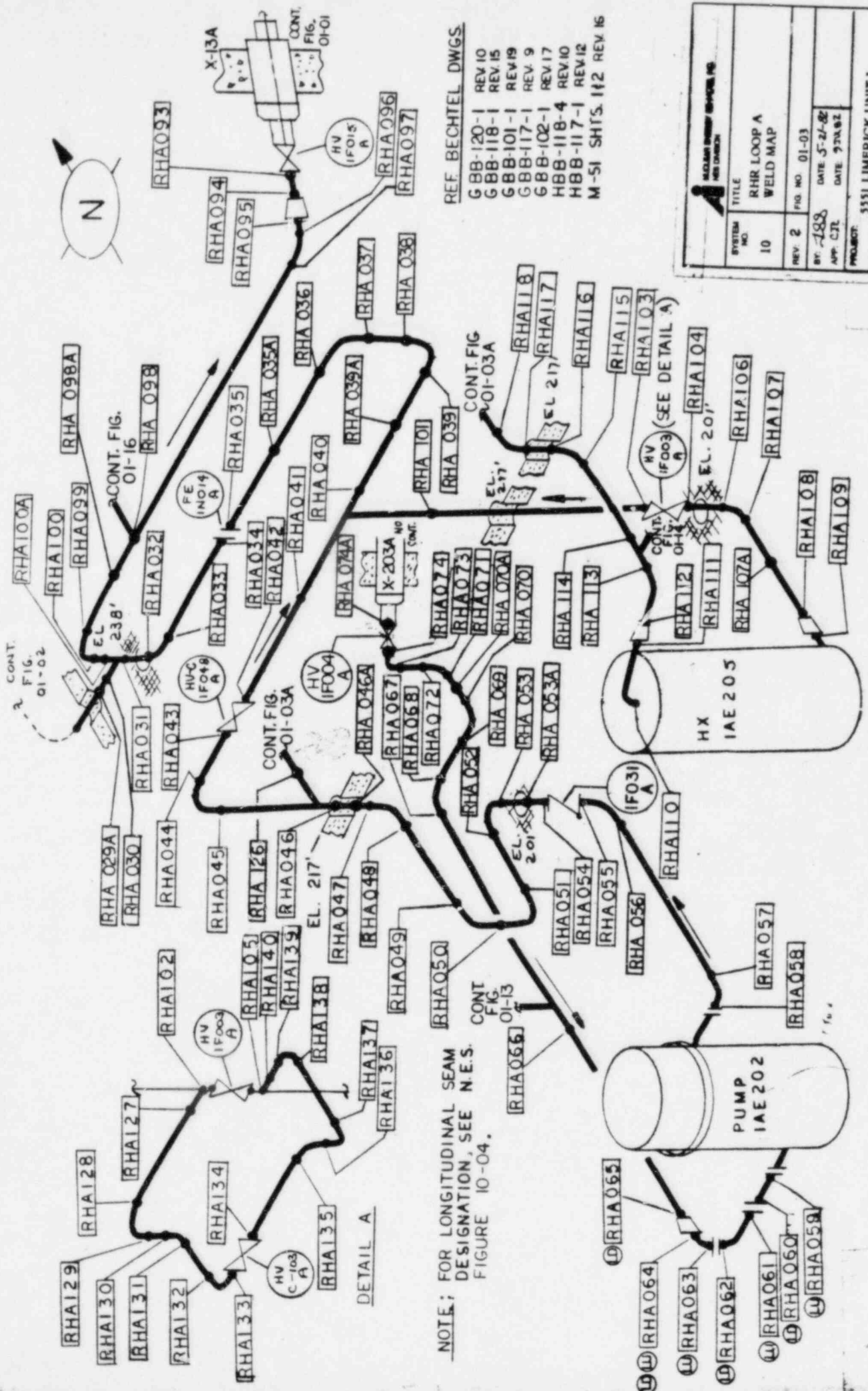
REF BECHTEL DWGS
 GBB 118-2 REV 15
 GBB 105-1 REV 14
 GBB 107-1 REV 9
 M-51 SHTS 142 REV 16

MED JAW ENERGY SERVICES INC NEB LINCOLN	
TITLE	RHR LOOP A WELD MAP
SYSTEM NO.	10
REV	2
FIG. NO.	01-02
BY	2188
DATE	5-29-82
APP. C.T.E.	DATE 3-20-83
PROJECT	5551 LIMERICK UNIT 1
NBS 112	NOT TO SCALE

CLASS 3

NO CONT.
EL. 222-4 1/2"

10



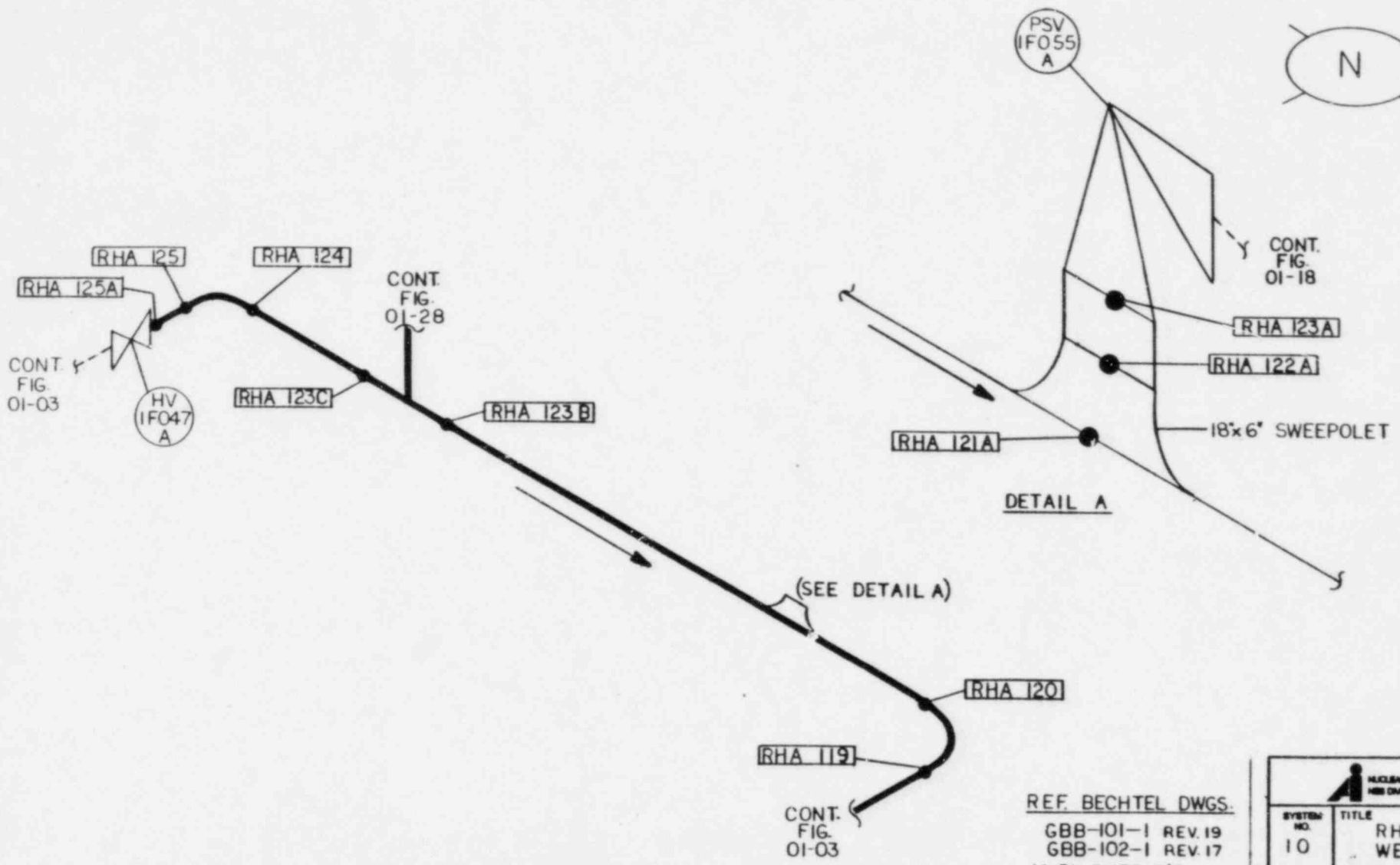
REF. BECHTEL DWGS.

GBB-120-1	REV 10
GBB-118-1	REV 15
GBB-101-1	REV 19
GBB-117-1	REV 9
GBB-102-1	REV 17
HBB-118-4	REV 10
HBB-117-1	REV 12
M-51	SHT'S. 112 REV 16

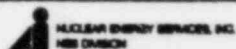
MOORE ENGINEERING INC.	
MEMPHIS, TENNESSEE	
TITLE: RHR LOOP A WELD MAP	
SYSTEM NO. 10	FIG. NO. 01-03
REV. 2	DATE 5-27-62
BY: [Signature]	APP. C.J.L. DATE 9-28-62
PROJECT: 5551 LIMERICK UNIT I	
DESIGN	NOT TO SCALE

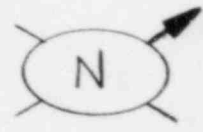
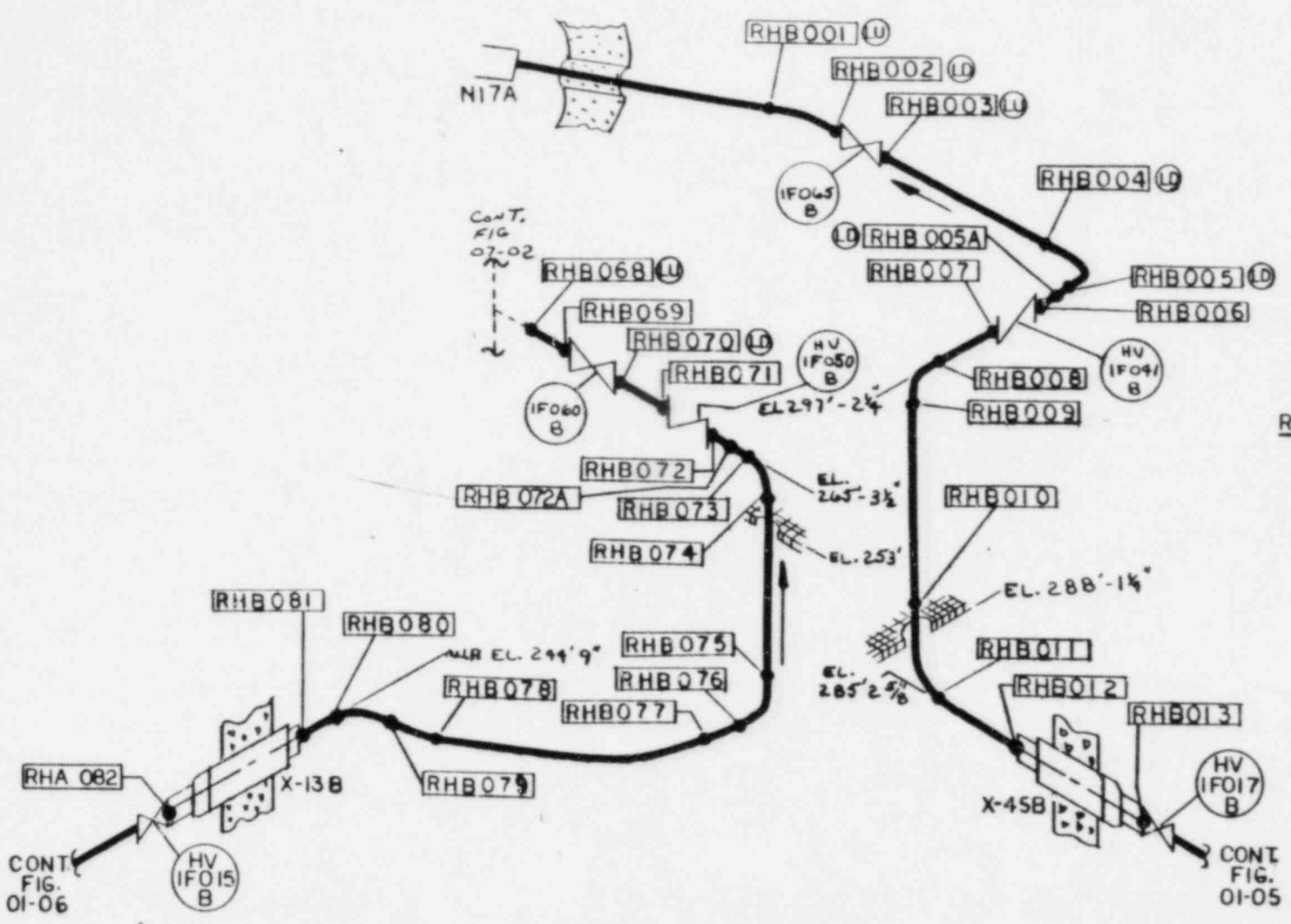
NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE N.E.S. FIGURE 10-04.

DETAIL A



REF. BECHTEL DWGS.
 GBB-101-1 REV.19
 GBB-102-1 REV.17
 M-51 SHTS. 1 & 2 REV.16

	
SYSTEM NO. 10	TITLE RHR LOOP A WELD MAP
REV. 0	FIG. NO. 01-03A
BY: <i>183</i>	DATE: 5-21-82
APP: <i>CTE</i>	DATE: 9-24-82
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	
NES 112	

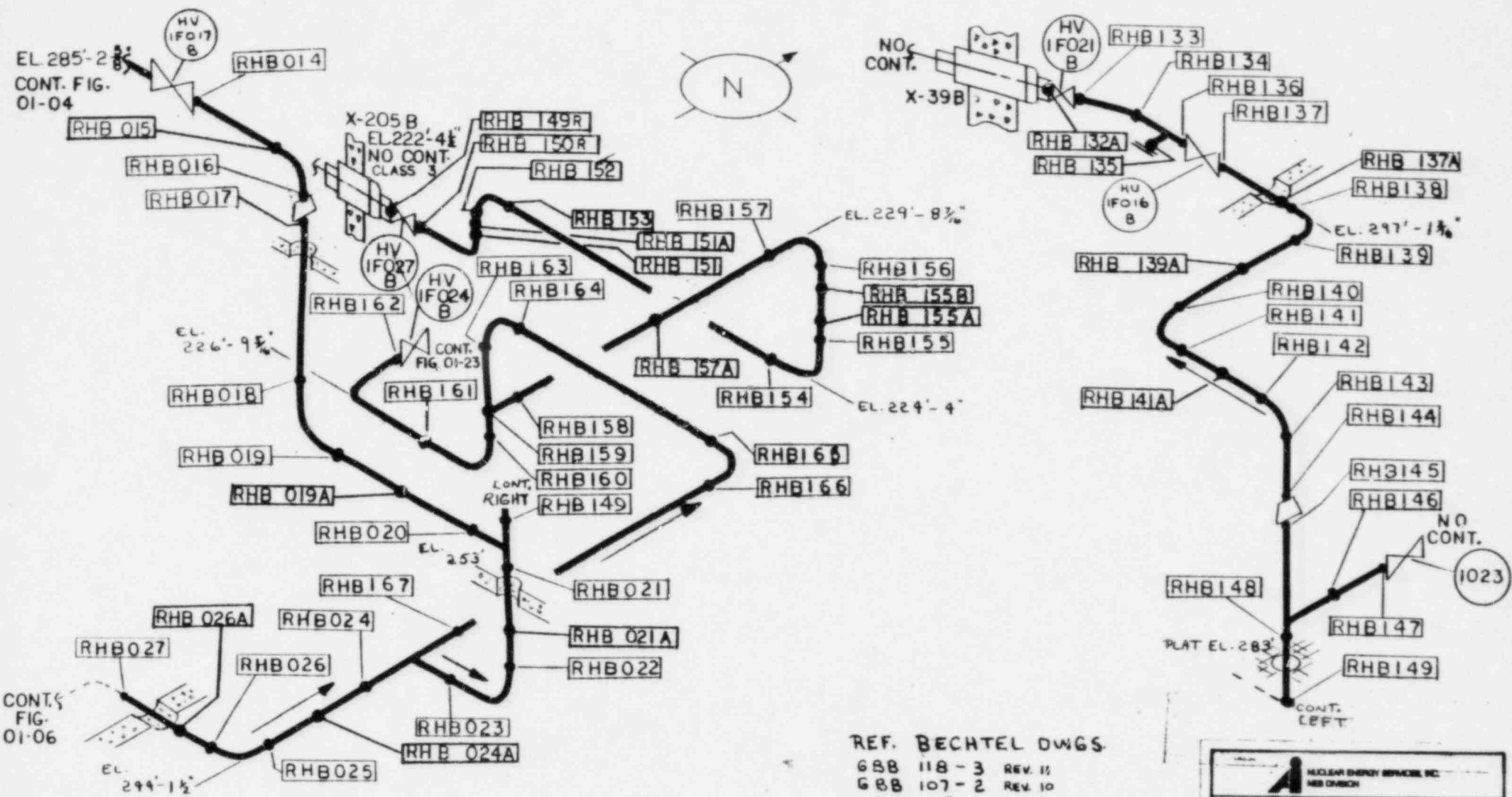


REF. BECHTEL DWGS.
 DCA-104-1 REV. 8
 DCA-104-3 REV. 8
 DCA-318-2 REV. 8
 DLA-112-2 REV. 14
 M-51 SHTS. 1 & 2 REV. 16

CONT
 FIG.
 01-06

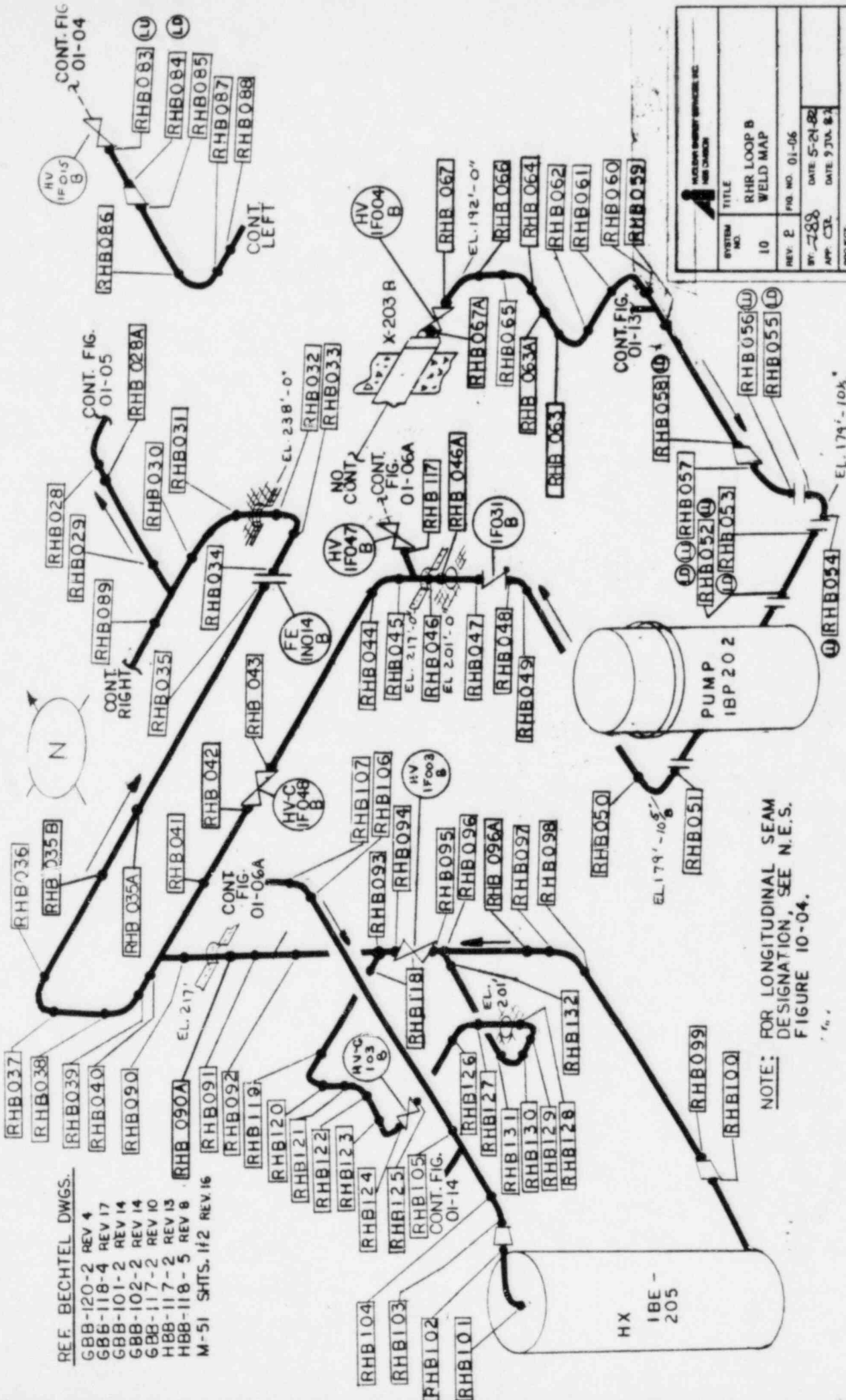
CONT
 FIG.
 01-05

SYSTEM NO. 10	TITLE RHR LOOP B WELD MAP
REV. 2	FIG. NO. 01-04
BY: <i>783</i>	DATE 5-21-82
APP: <i>CSR</i>	DATE 7 JUL 81
PROJECT: 3351 LIMERICK UNIT 3	
HSS 112	NOT TO SCALE



REF. BECHTEL DWGS.
 GBB 118-3 REV. 11
 GBB 107-2 REV. 10
 GBB 105-2 REV. 7
 GBB 110-1 REV. 3
 DCA 318-4 REV. 10
 M-51 SHTS. 142 REV. 16

SYSTEM NO. 10	TITLE RHR LOOP B WELD MAP
REV. 2	FIG. NO. 01-05
BY: J.S. APP. C.S.	DATE: 5-21-82 DATE: 9-24-84
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	

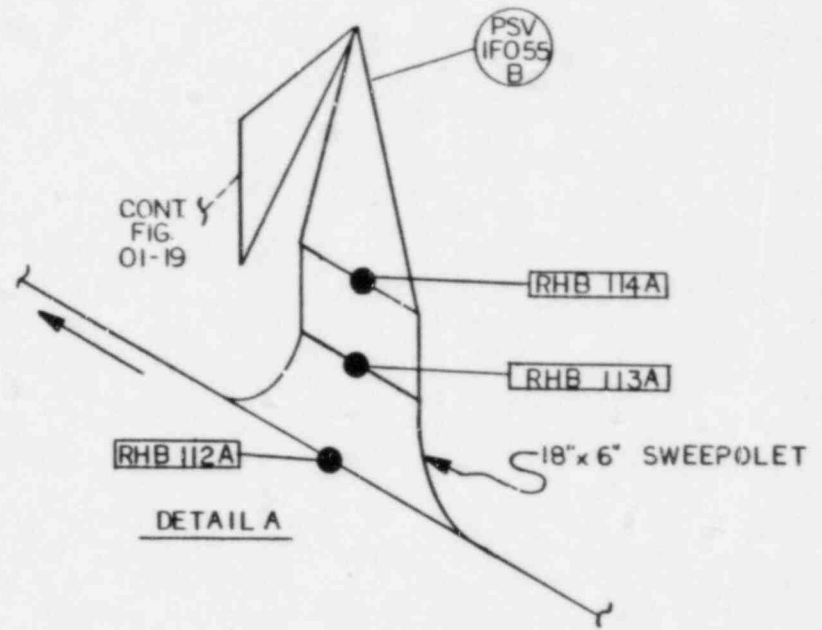
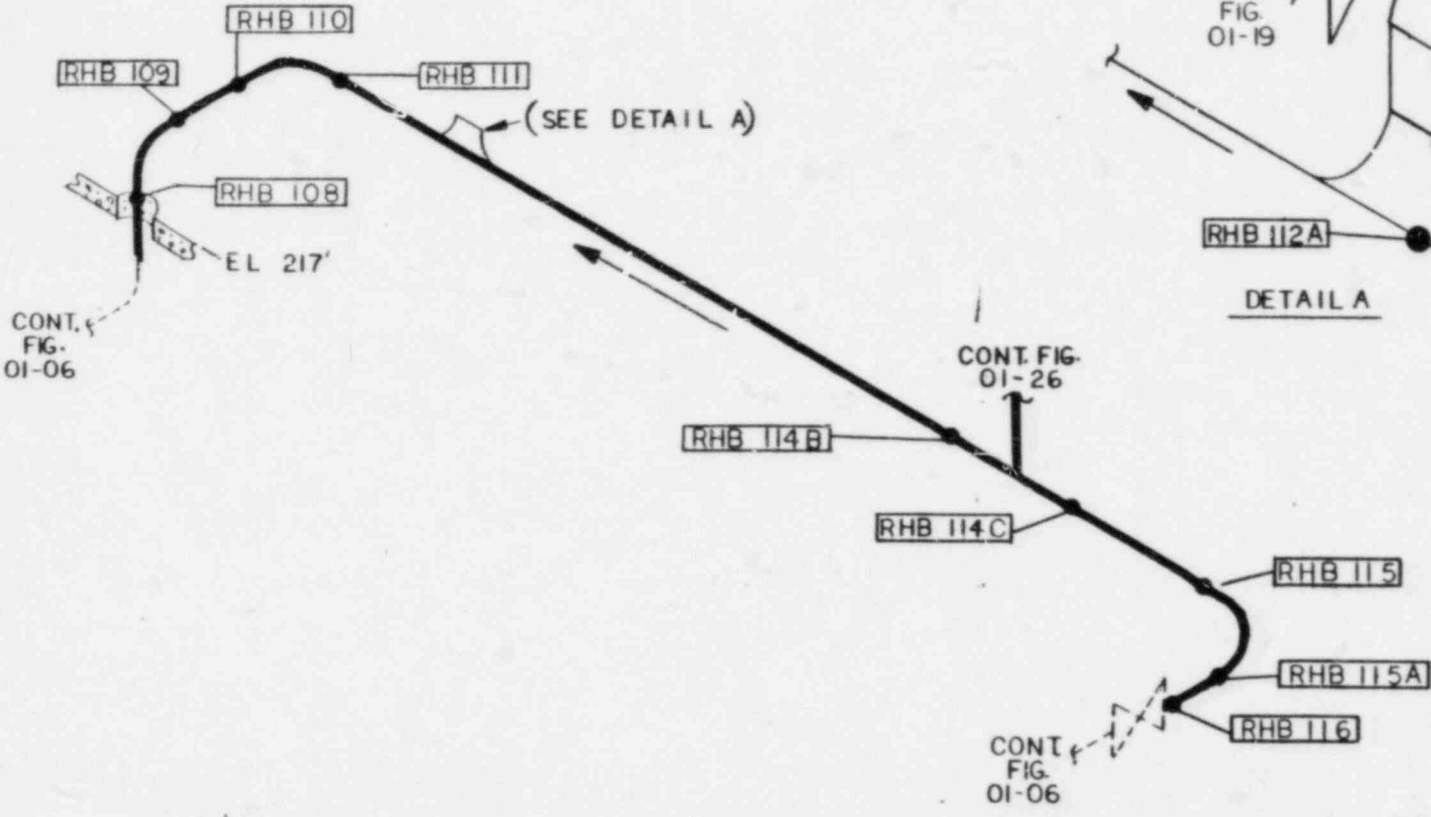
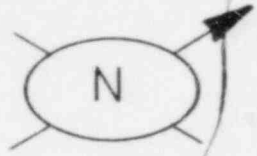


REF. BECHTEL DWGS.

GBB-120-2 REV 4
 GBB-118-4 REV 17
 GBB-101-2 REV 14
 GBB-102-2 REV 14
 GBB-117-2 REV 10
 HBB-117-2 REV 13
 HBB-118-5 REV 8
 M-51 SMTS. 112 REV. 16

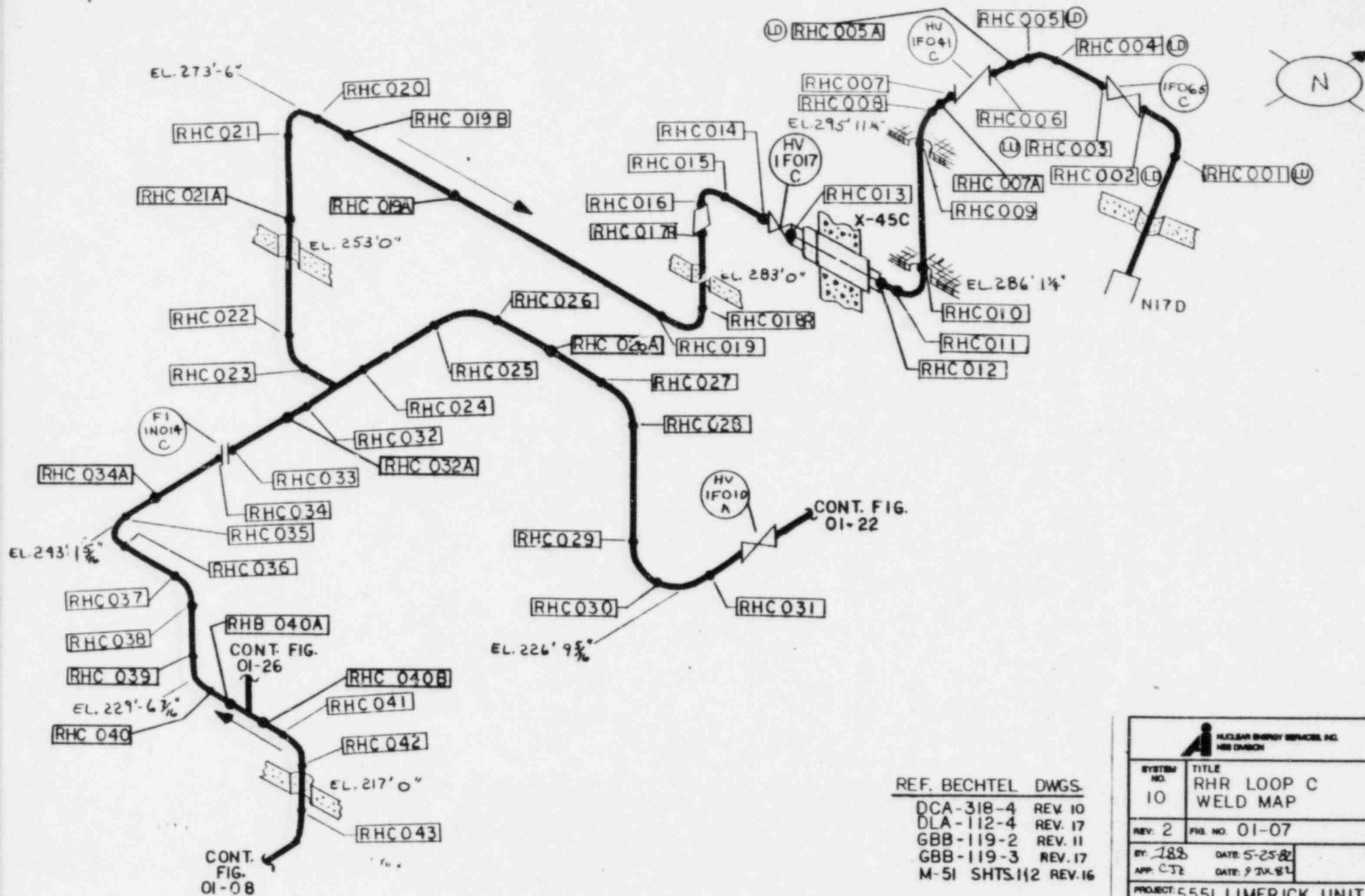
NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE N.E.S. FIGURE 10-04.

TITLE	RHR LOOP B WELD MAP
SYSTEM NO.	10
REV.	2
BY	7/88
APP.	CSE
DATE	5-24-88
DATE	9-30-84
FIG. NO.	01-06
PROJECT	5551 LIMERICK UNIT I
NOT TO SCALE	
NES 113	

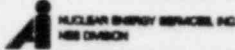


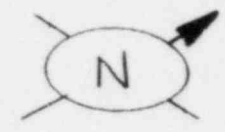
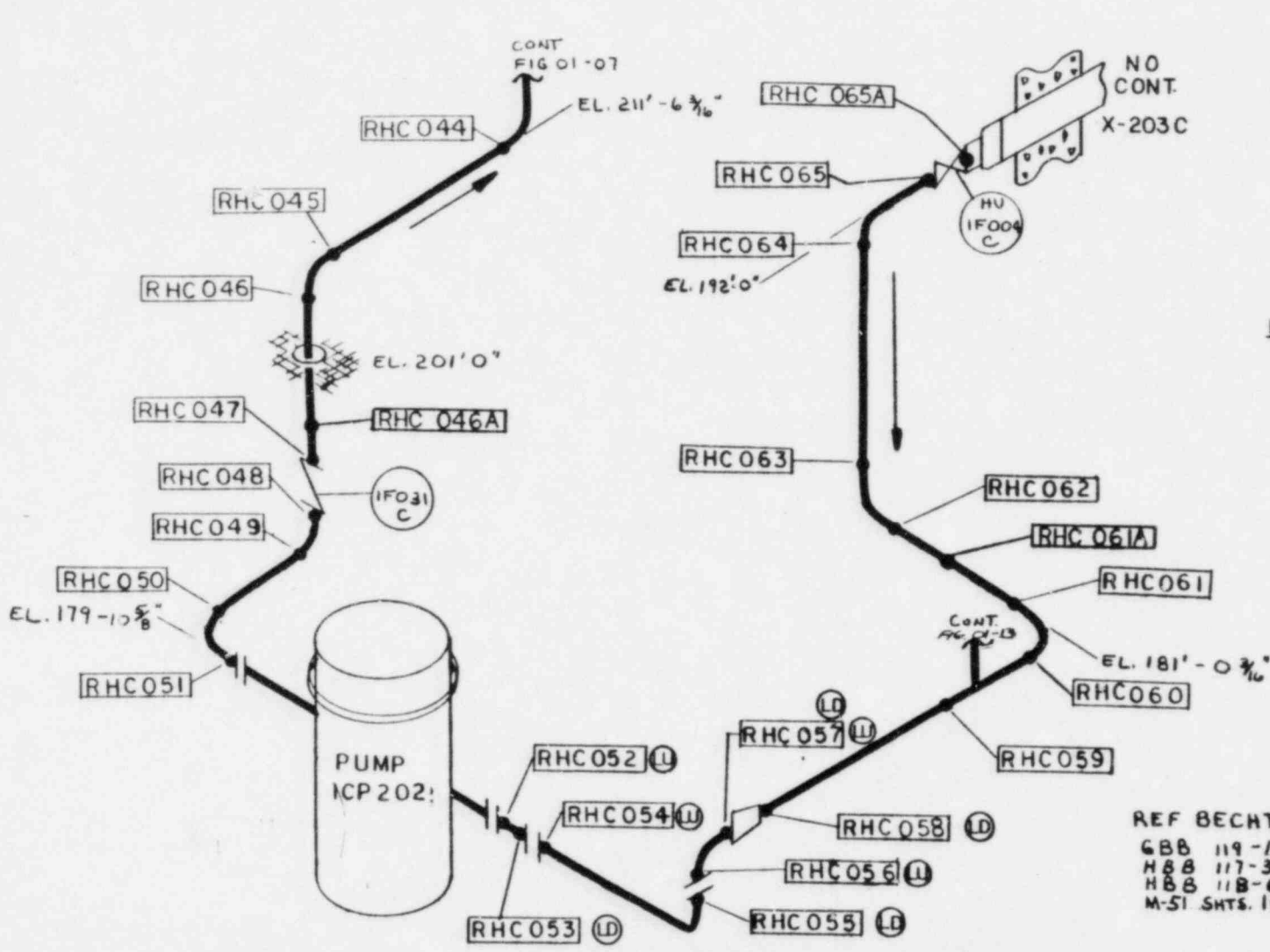
REF. BECHTEL DWGS:
 GBB-101-2 REV 14
 GBB-102-2 REV 14
 M-51 SHTS. 142 REV 16

SYSTEM NO. 10	TITLE RHR LOOP B WELD MAP
REV: 0	FIG. NO. 01-06A
BY: [Signature]	DATE: 5-25-82
APP: [Signature]	DATE: 9 JUL 82
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	



REF. BECHTEL DWGS.
 DCA-318-4 REV. 10
 DLA-112-4 REV. 17
 GBB-119-2 REV. 11
 GBB-119-3 REV. 17
 M-51 SHTS.112 REV.16

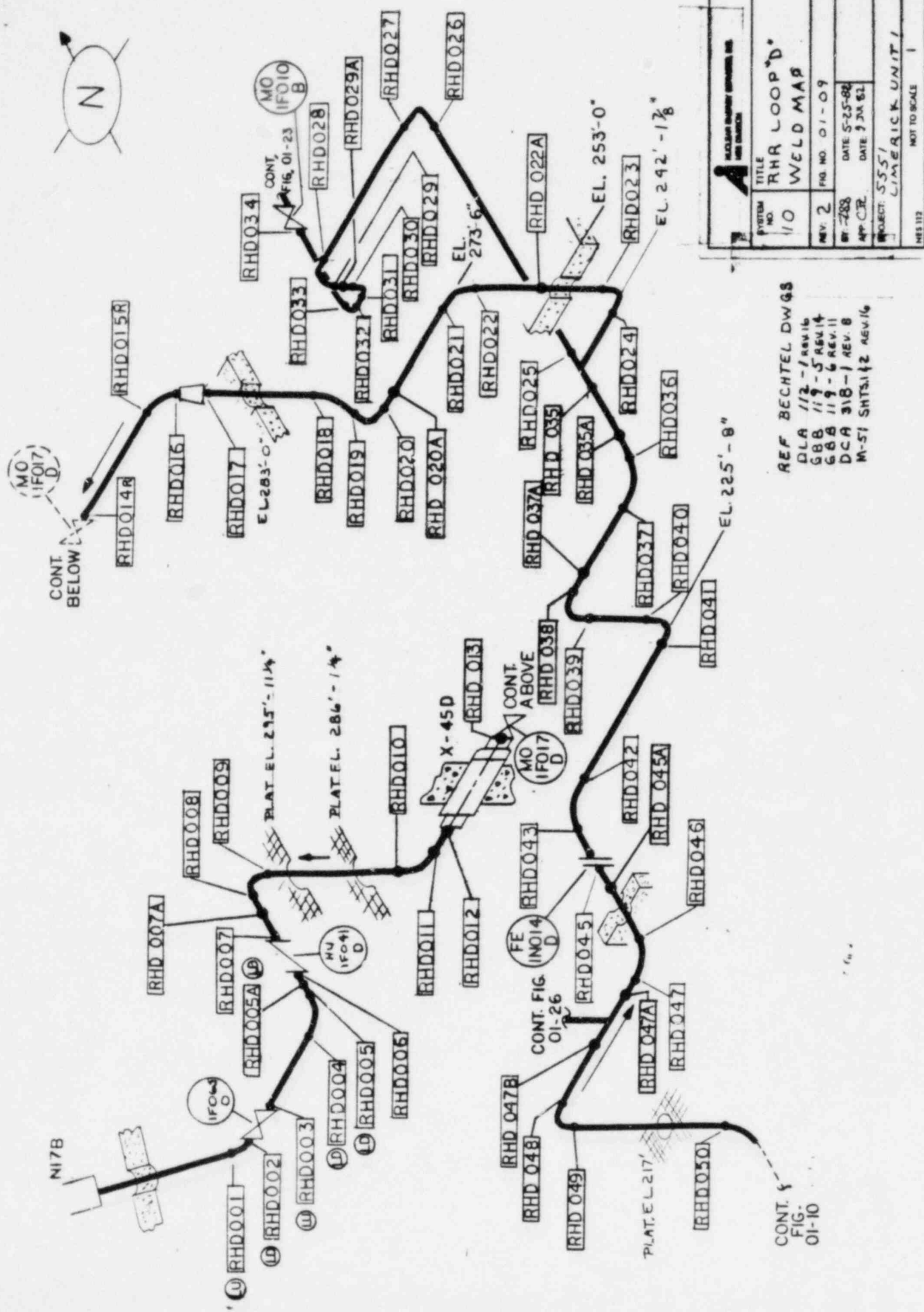
	
SYSTEM NO. 10	TITLE RHR LOOP C WELD MAP
REV. 2	FIG. NO. 01-07
BY: 183 APP: CJ2	DATE: 5-25-82 DATE: 9 JUL 84
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	



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

REF BECHTEL DWG 6
 GBB 119-1 REV. 7
 HBB 117-3 REV. 13
 HBB 118-6 REV. 9
 M-51 SHTS. 112 REV. 6

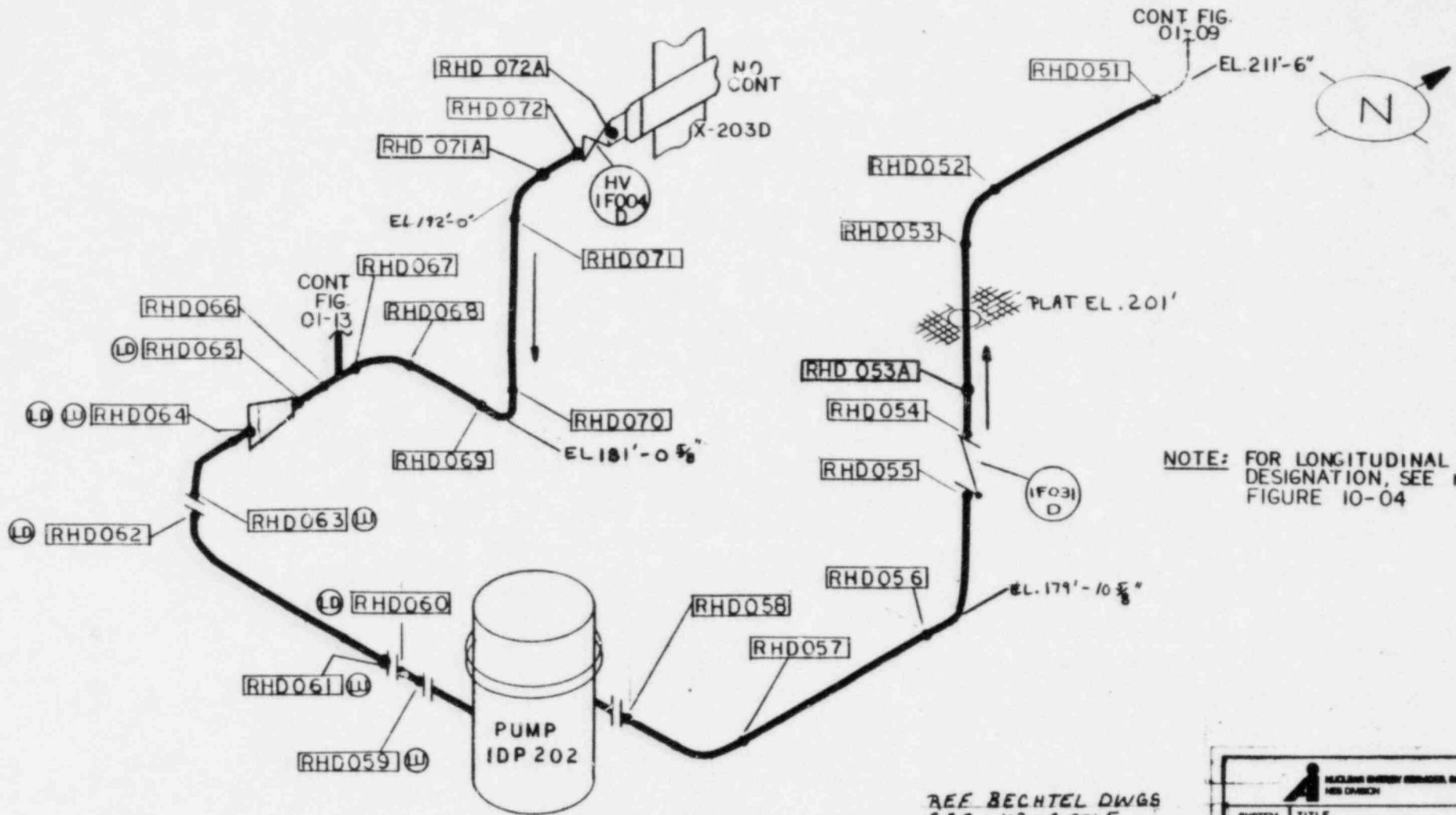
SYSTEM NO. 10	TITLE "AHR LOOP 'C'" WELD MAP
REV. 2	FIG. NO. 01-08
BY: JRS	DATE: 8-28-82
APP: CJR	DATE: 9/14/82
PROJECT: 555/ LIMERICK UNIT 1	
NOT TO SCALE	



TITLE	RHR LOOP 'D'
SYSTEM NO.	110
REV.	2
FIG. NO.	01-09
DATE	5-25-82
DATE	7 2A 82
PROJECT	5551
	CHEMICAL UNIT 1
	NOT TO SCALE
	1

REF BECHTEL DWGS
 DLA 112-1 REV.16
 GBB 119-5 REV.14
 GBB 119-6 REV.11
 DCA 318-1 REV.8
 M-51 SMTS.12 REV.16

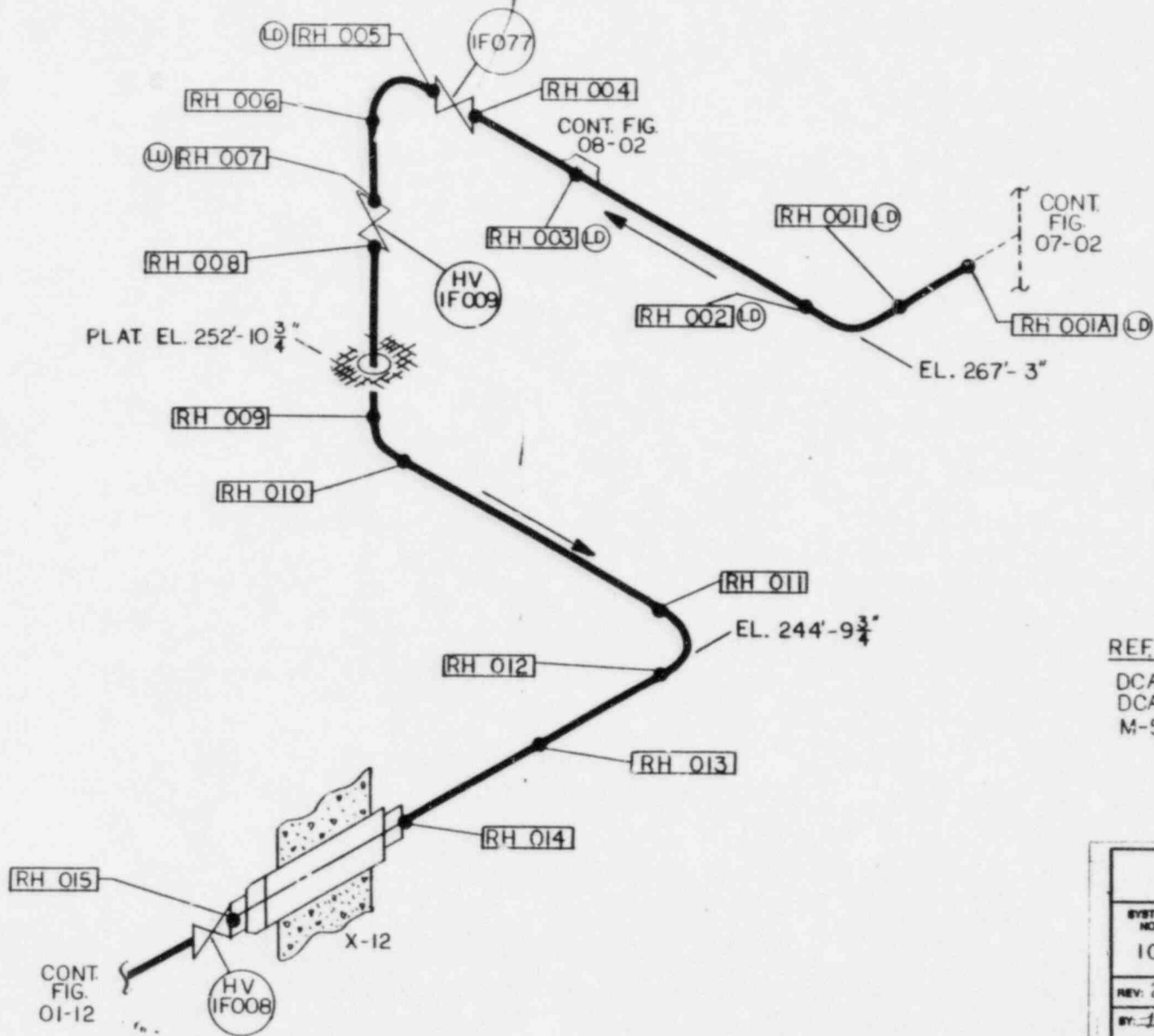
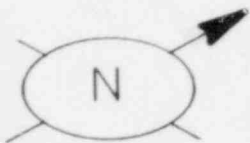
CONT. FIG. 01-10



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

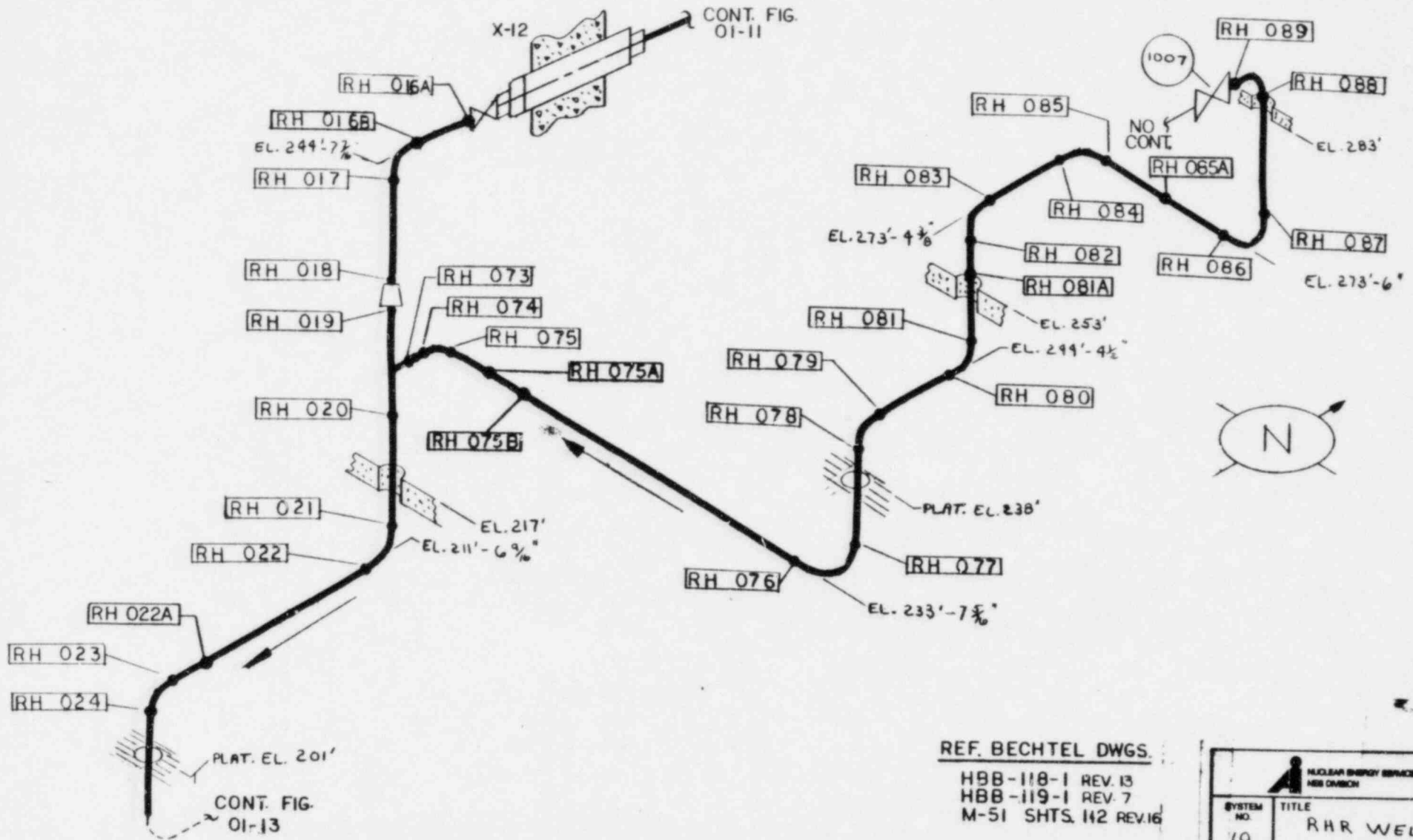
REF BECHTEL DWGS
 G 88 119-9 REV. 5
 H 88 117-9 REV. 12
 H 88 118-2 REV. 9
 M-51 SHTS. 1 & 2 REV. 16

 BECHTEL ENERGY SERVICES, INC. HES CHECK	
SYSTEM NO. 10	TITLE RHR LOOP D WELD MAP
REV. 2	FIG. NO. 01-10
BY: JLB APP: CSE	DATE: 5-25-82 DATE: 8 JUL 82
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	
HES 112	

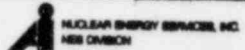


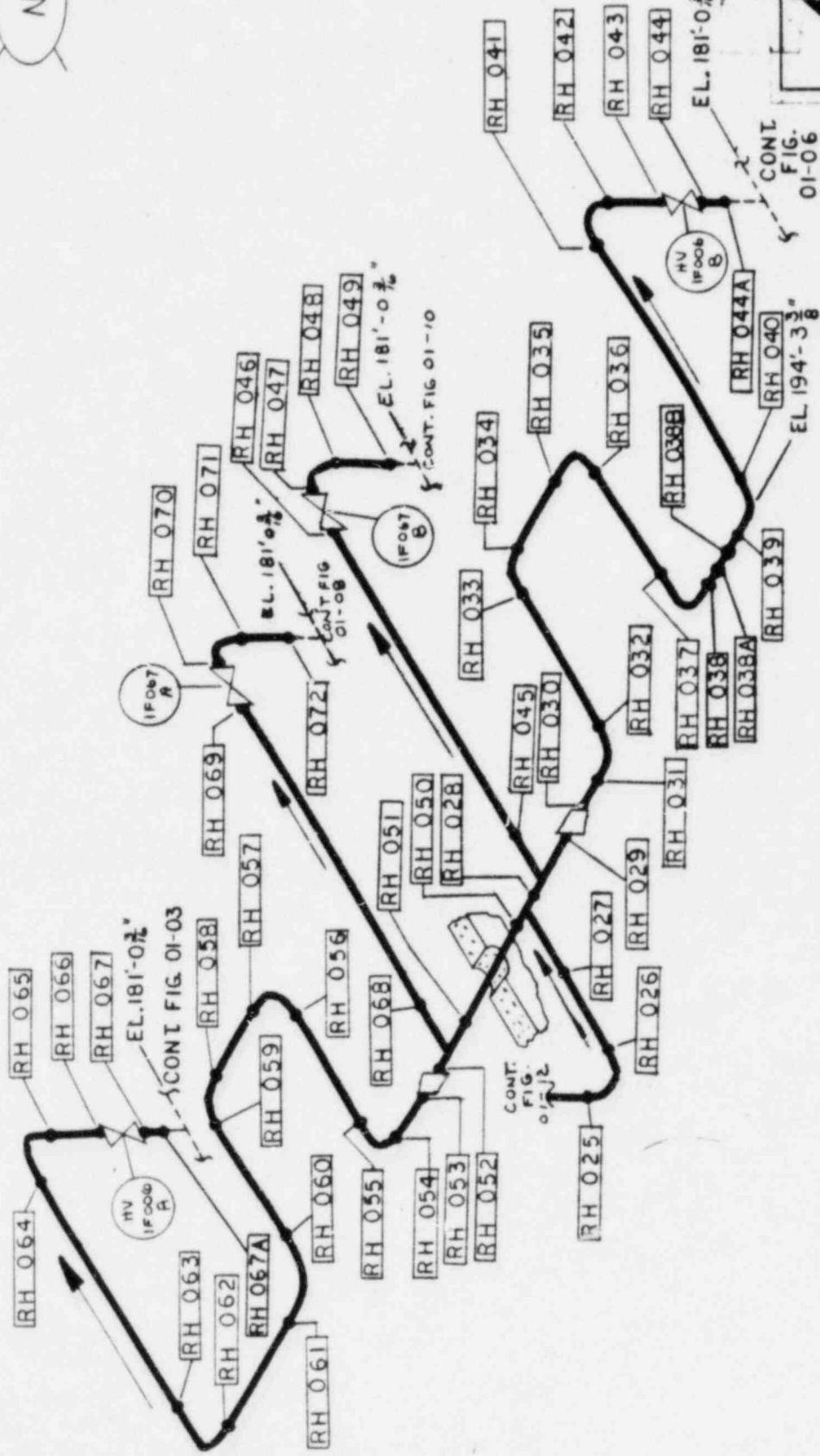
REF. BECHTEL DWGS
 DCA-105-1 REV. 12
 DCA-105-3 REV. 4
 M-51 SHTS. 1/2 REV. 16

SYSTEM NO. 10	TITLE RHR WELD MAP
REV. 2	FIG. NO. 01-11
BY: JRS APP: CR	DATE: 5-26-82 DATE: 9 JUL 82
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	
NES 112	



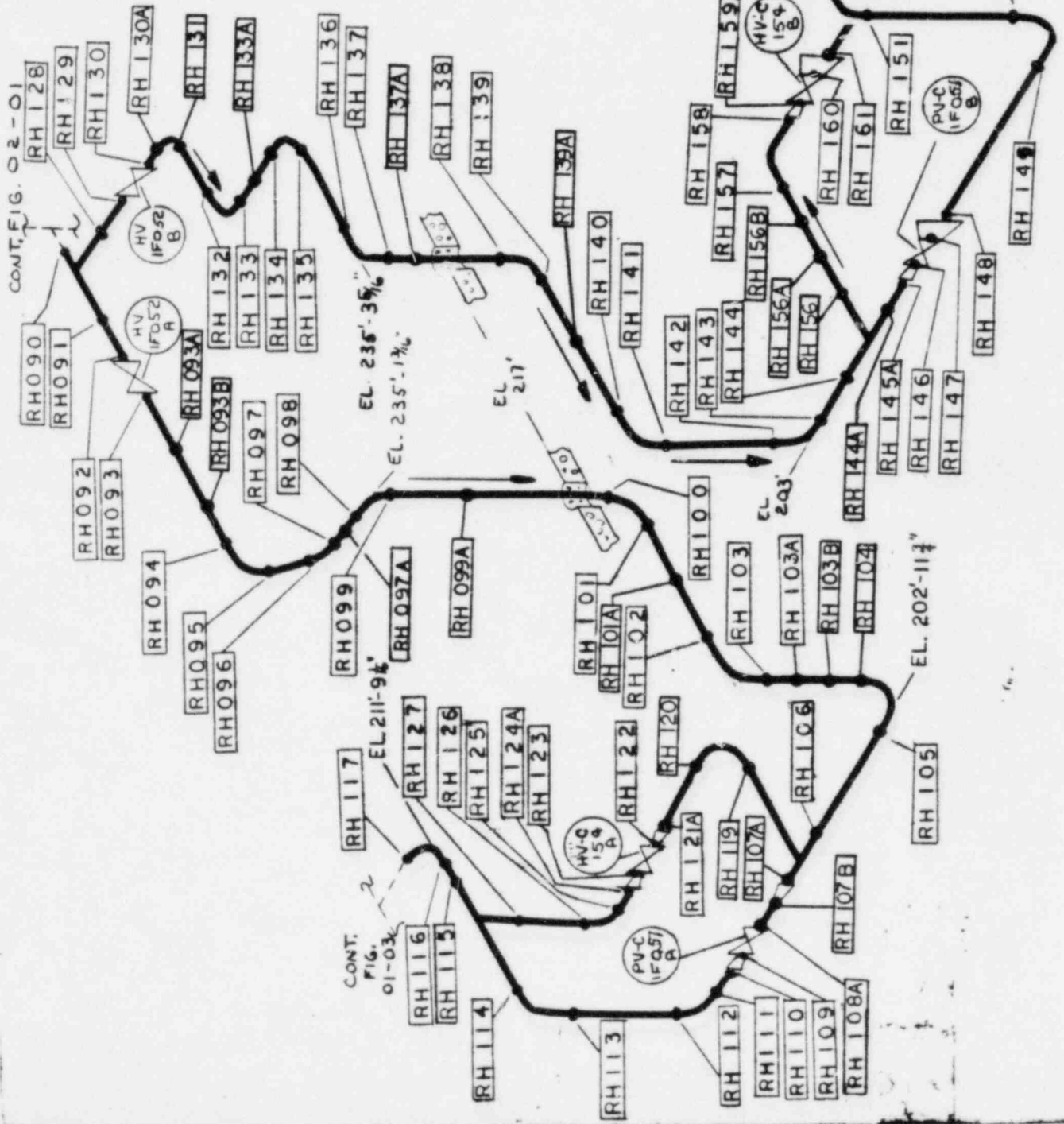
REF. BECHTEL DWGS.
 HBB-118-1 REV. 13
 HBB-119-1 REV. 7
 M-51 SHTS. 112 REV. 16

	
SYSTEM NO. 10	TITLE RHR WELD MAP
REV. 2	FIG. NO. 01-12
BY: JSS APP: CJE	DATE: 5-26-82 DATE: 7 JUL 82
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	



REF. BECHTEL DWGS.
 HBB-118-2 REV 6
 HBB-118-3 REV 10
 M-51 SHTS, 112 REV. 16

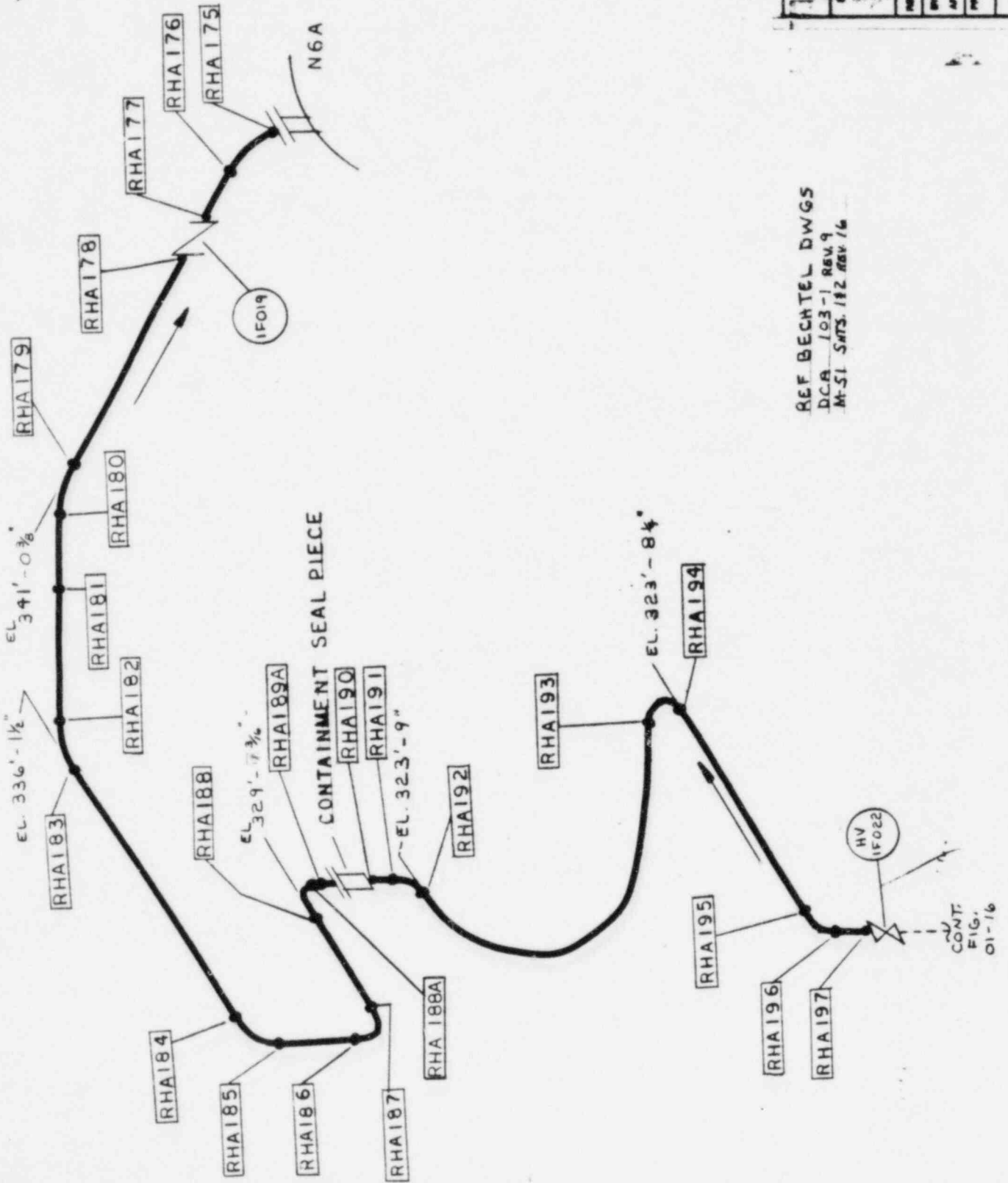
SYSTEM NO.	10
TITLE	RHR WELD MAP
REV.	2
FIG. NO.	01-13
DATE	5-27-82
APP. C32	DATE 9-JUL-82
PROJECT	55571 LIMERICK UNIT 1
NOT TO SCALE HES 112	



REF. BECHTEL DWGS.
 EBB-108 - 1 REV. 12
 EBB-121 - 3 REV. 15
 EBB-121 - 4 REV. 13
 GBB-103 - 2 REV. 8
 GBB-103 - 3 REV. 8
 M-51 SHTS. 112 REV. 16

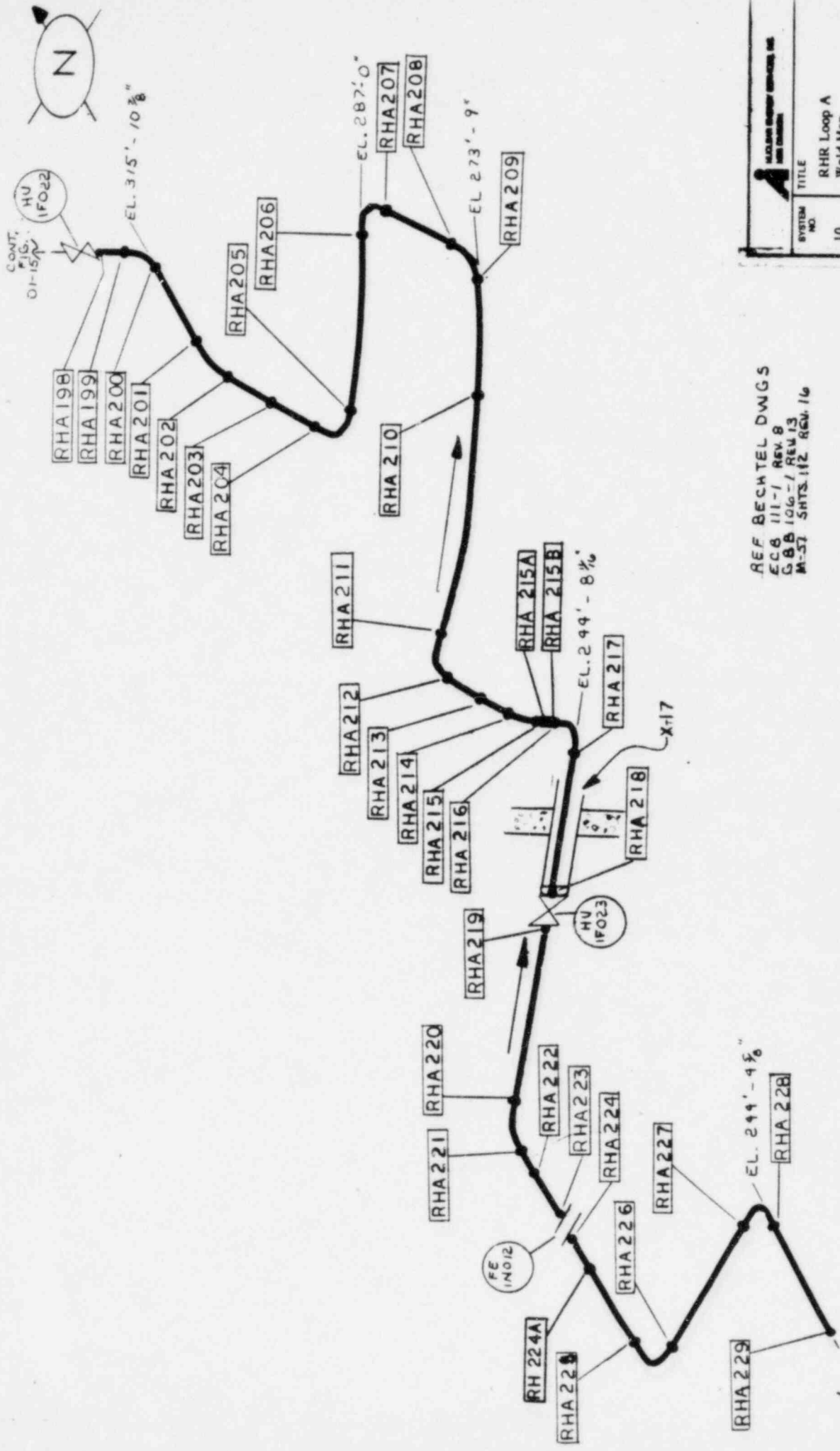
EL. 211'-9 7/16"
 CONT. FIG. 01-06


SYSTEM NO.	10
TITLE	RHR Weld Map
REV. 2	FIG. NO. 01-14
BY: JLS	DATE: 5-27-82
APP: CJE	DATE: 7-24-81
PROJECT: 5551 Limerick Unit 1	
NES 112 NOT TO SCALE	



REF BECHTEL DWGS
 DCA 103-1 REV. 9
 M-51 SWTS. 182 REV. 16

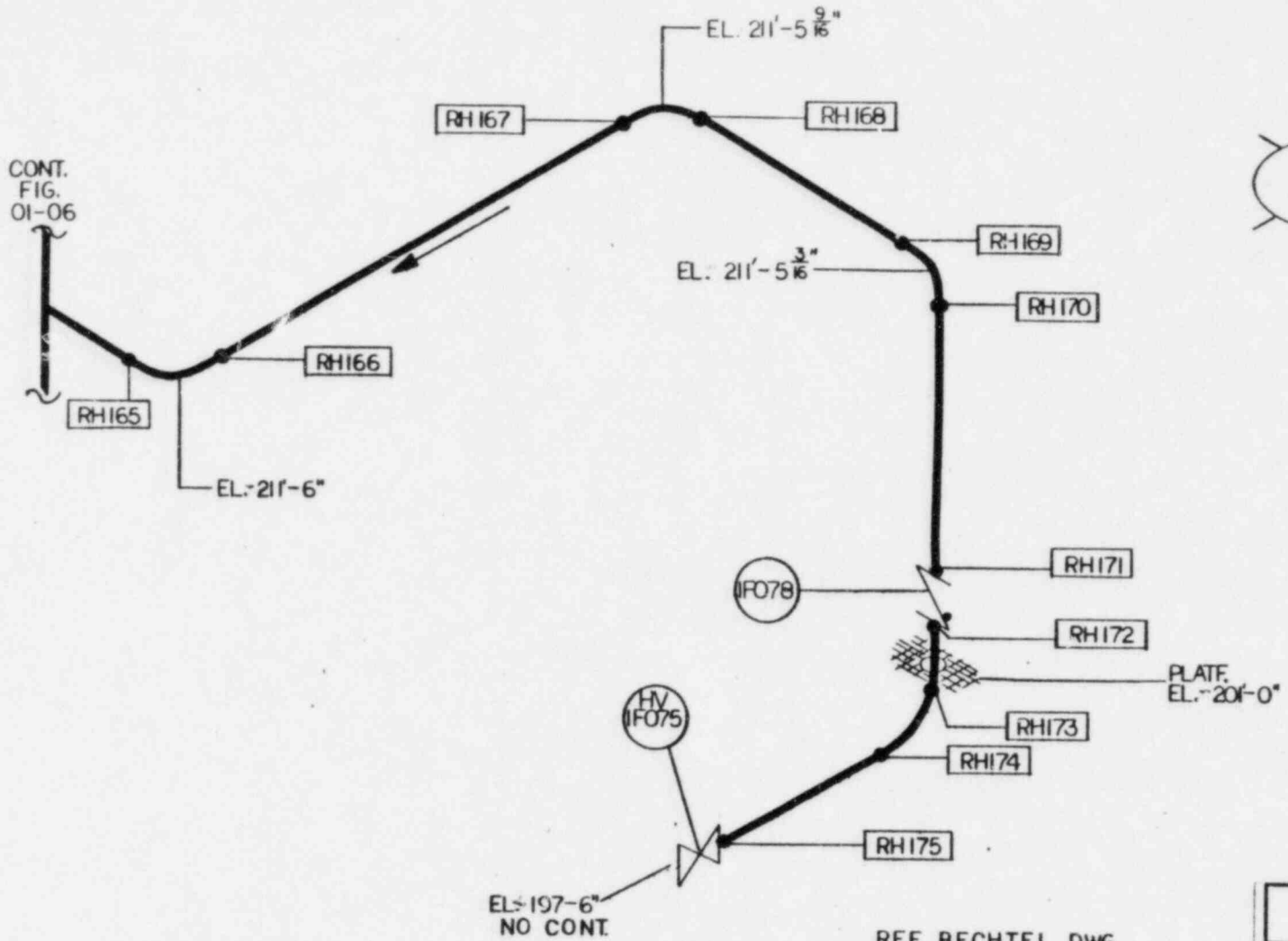
SYSTEM NO.	TITLE
10	RHR Loop A Weld Map
REV. 1	FIG. NO. 01-15
DATE 5-27-82	DATE 3/24/84
APP. CSE	PROJECT: 5551 Limerick Unit 1
NOT TO SCALE 1/8" = 1'-0"	



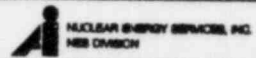
		TITLE RHR Loop A Weld Map	
SYSTEM NO.	10	REV. 2	FIG. NO. 01-16
BY	200	DATE	5-29-02
APP. CTL		DATE	9-20-01
PROJECT		5551 Limerick Unit 1	
SHEET NO.		NOT TO SCALE	

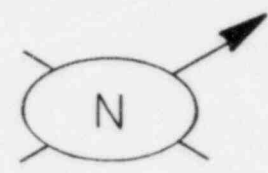
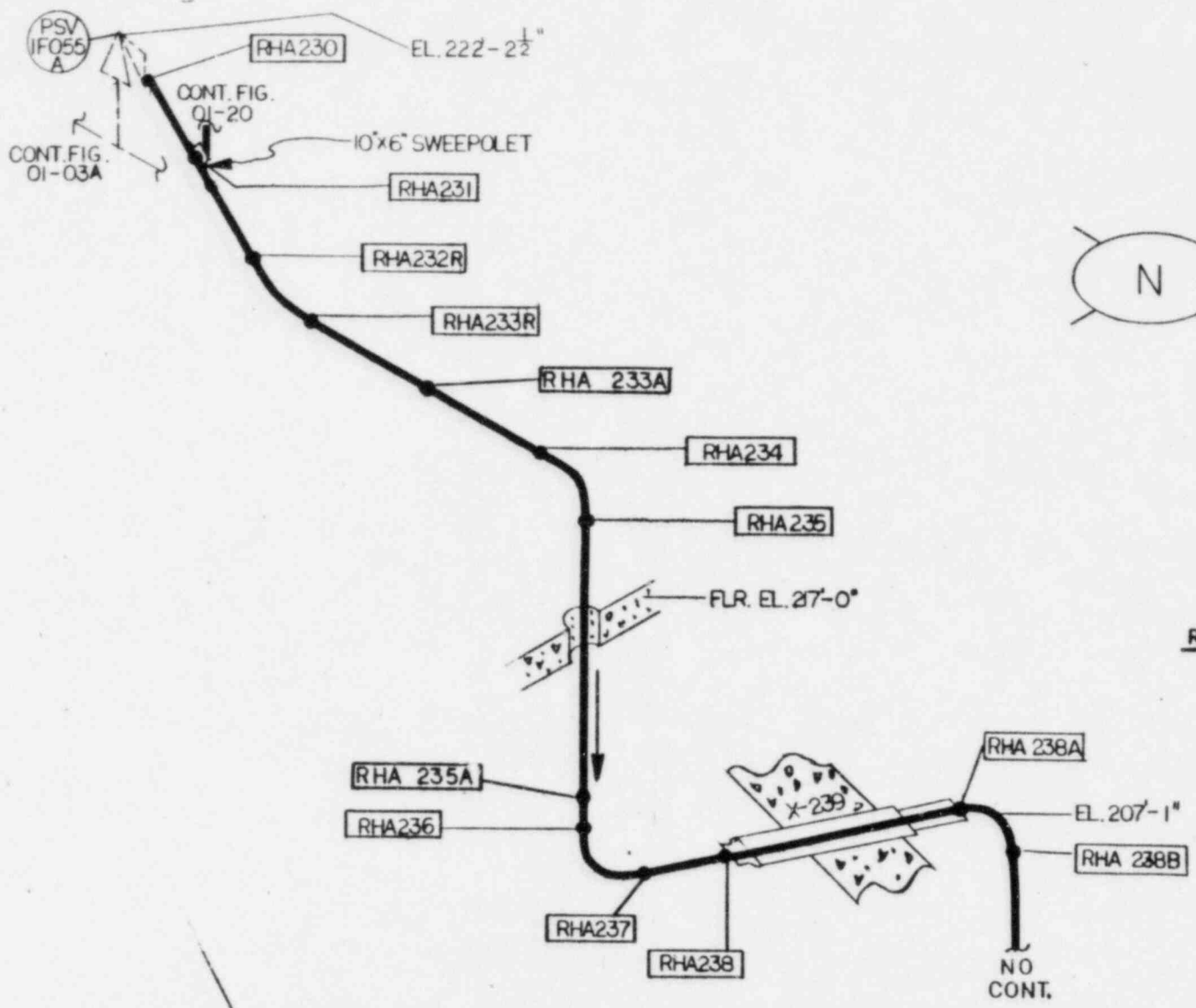
REF BECHTEL DWGS
 EC8 111-1 REV 8
 GB8 106-1 REV 13
 M-57 SNTS.112. REV. 16

CONT. FIG.
 01-03

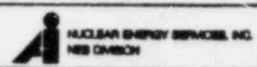


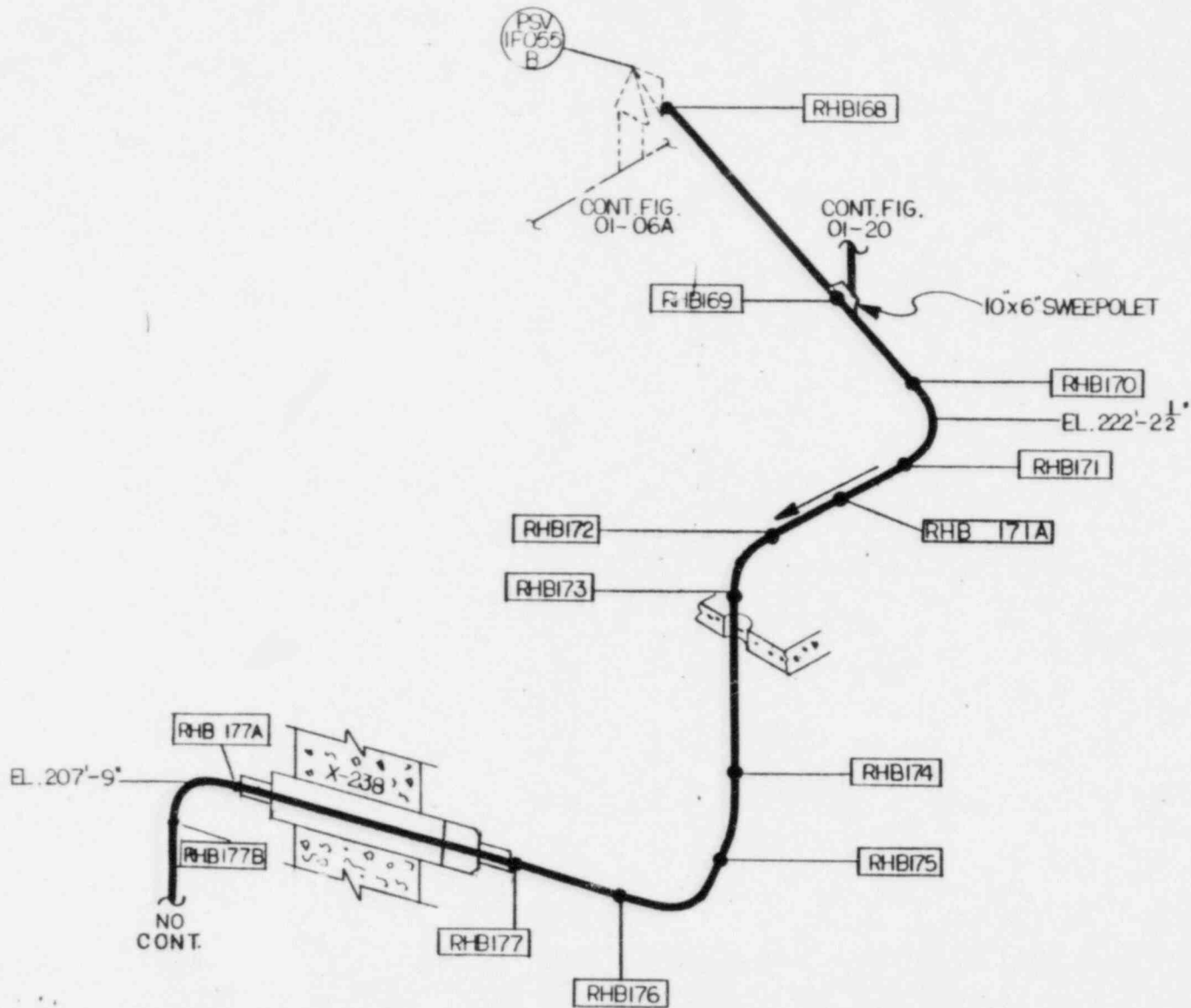
REF. BECHTEL DWG.
 GBB-111-1 REV 7
 M-51 SHTS.112 REV 16

	
SYSTEM NO. 10	TITLE RHR WELD MAP
REV. 2	FIG. NO. 01-17
BY: <i>788</i>	DATE: 5-27-82
APP: <i>CR</i>	DATE: 9 JUL 82
PROJECT: 5551 LIMERICK UNIT 1	
NBS 112 NOT TO SCALE	

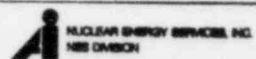


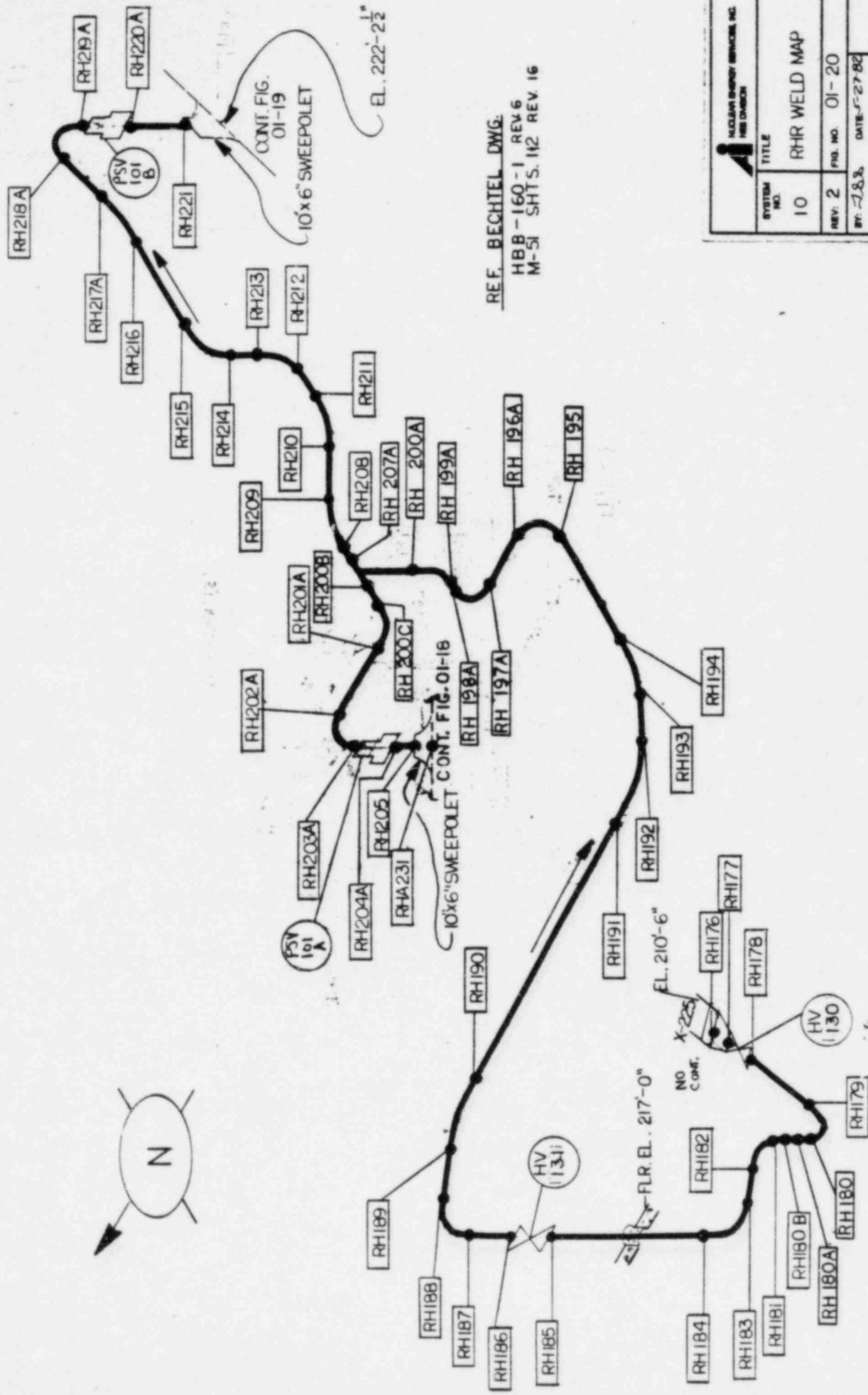
REF. BECHTEL DWG.
 HBB-140-1 REV. 11
 M-51 SHTS. 112 REV. 16

	
SYSTEM NO. 10	TITLE RHR WELD MAP
REV: 2	FIG. NO. 01-18
BY: <i>188</i>	DATE: 5-27-82
APP: CDE	DATE: 9 JUL 82
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	
NES 112	



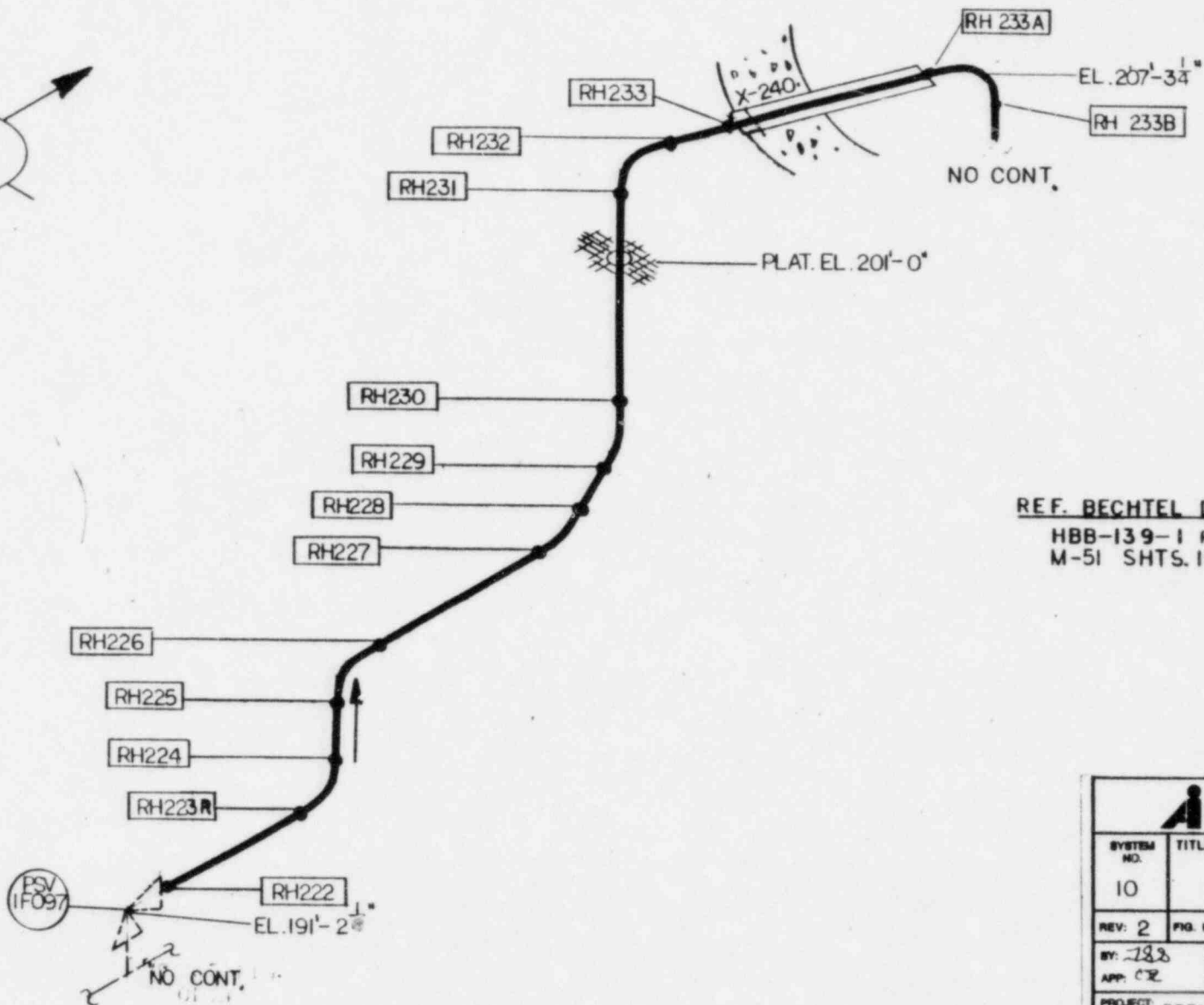
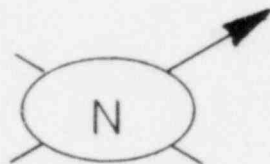
REF. BECHTEL DWG.
 HBB-140-2 REV 9
 M-51 SHTS. 112 REV. 16

	
SYSTEM NO. 10	TITLE RHR WELD MAP
REV: 2	FIG. NO. 01-19
BY: JLB	DATE: 5-27-82
APP: CR	DATE: 9/11/81
PROJECT: 5551 LIMERICK UNIT I	
HES 112	NOT TO SCALE



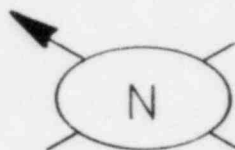
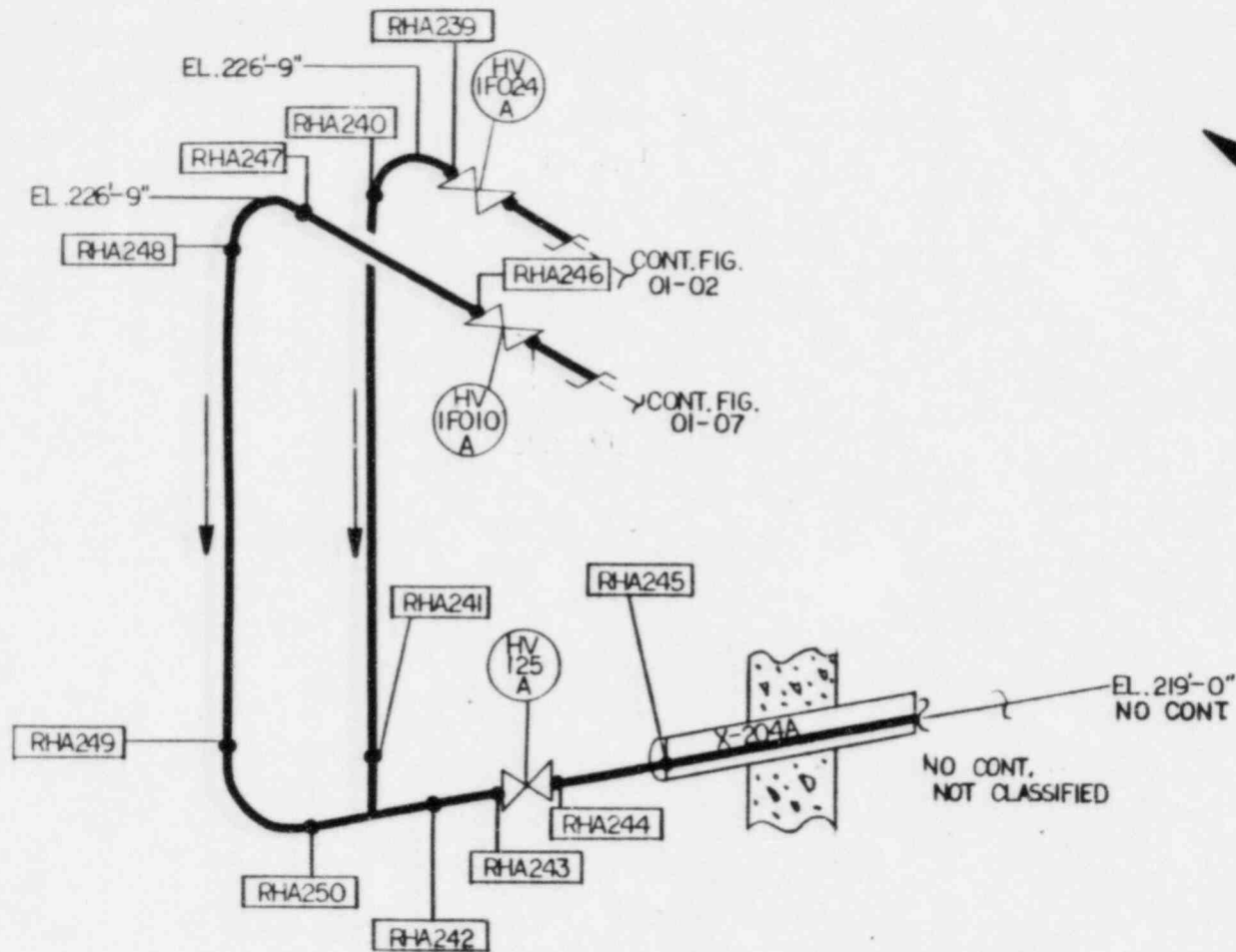
REF. BECHTEL DWG.
 HBB-160-1 REV 6
 M-51 SHTS. 112 REV. 16

NUCLEAR ENERGY SERVICES, INC. NEW CANON	
SYSTEM NO.	TITLE
10	RHR WELD MAP
REV. 2	FIG. NO. 01-20
BY: J.S.B.	DATE: 5-27-82
APP: CJT	DATE: 9 JUL 82
PROJECT: 5551 LIMERICK UNIT 1	
NBS 112 NOT TO SCALE	



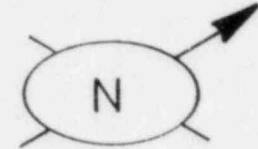
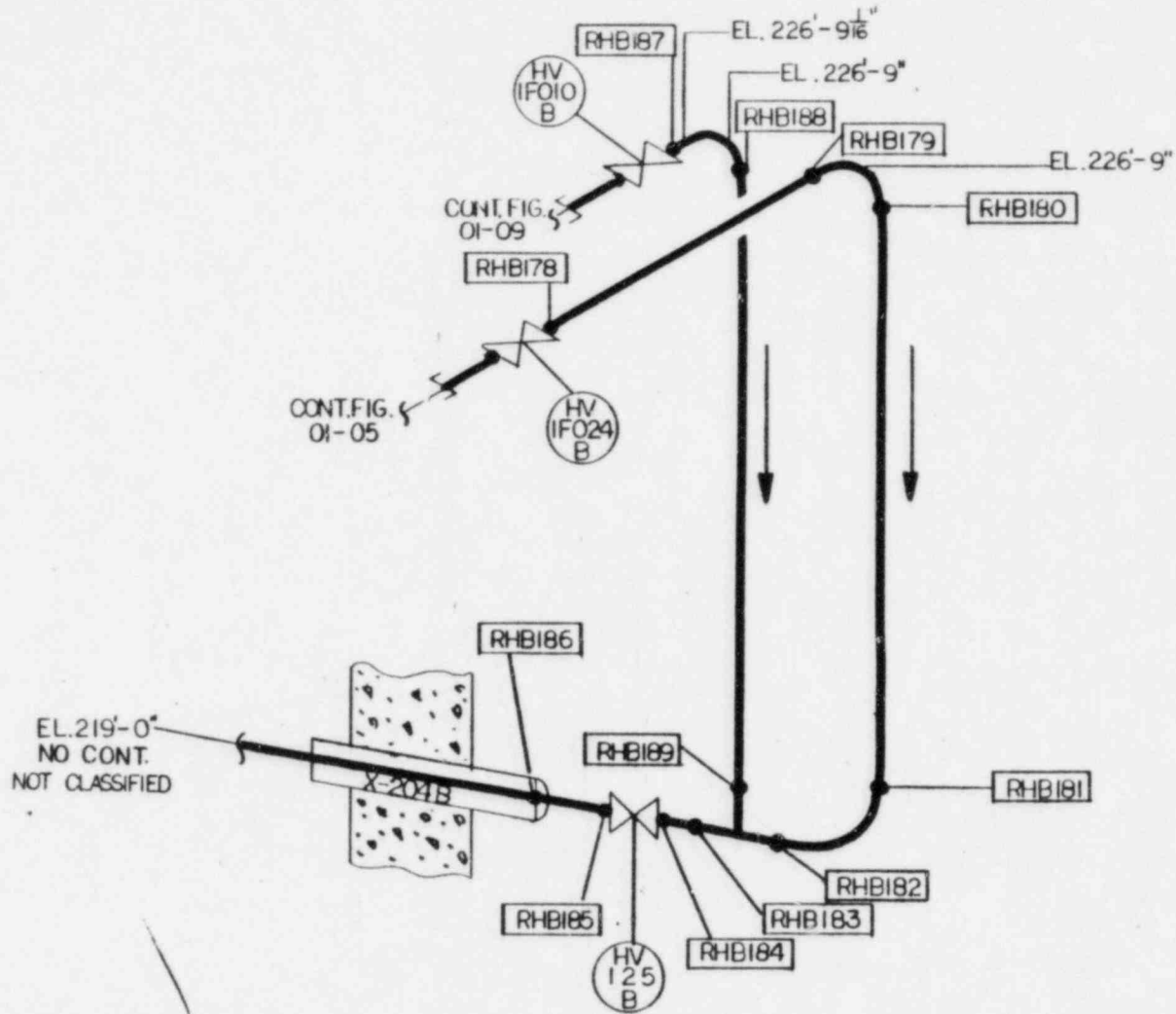
REF. BECHTEL DWG.
 HBB-139-1 REV G
 M-51 SHTS. 112 REV. 16

SYSTEM NO.	TITLE
10	RHR WELD MAP
REV: 2	FIG. NO. 01-21
BY: 288	DATE: 5-27-82
APP: CR	DATE: 9 JUL 82
PROJECT: 5551 LIMERICK UNIT I	
NES 112	NOT TO SCALE

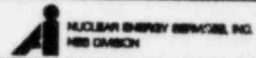


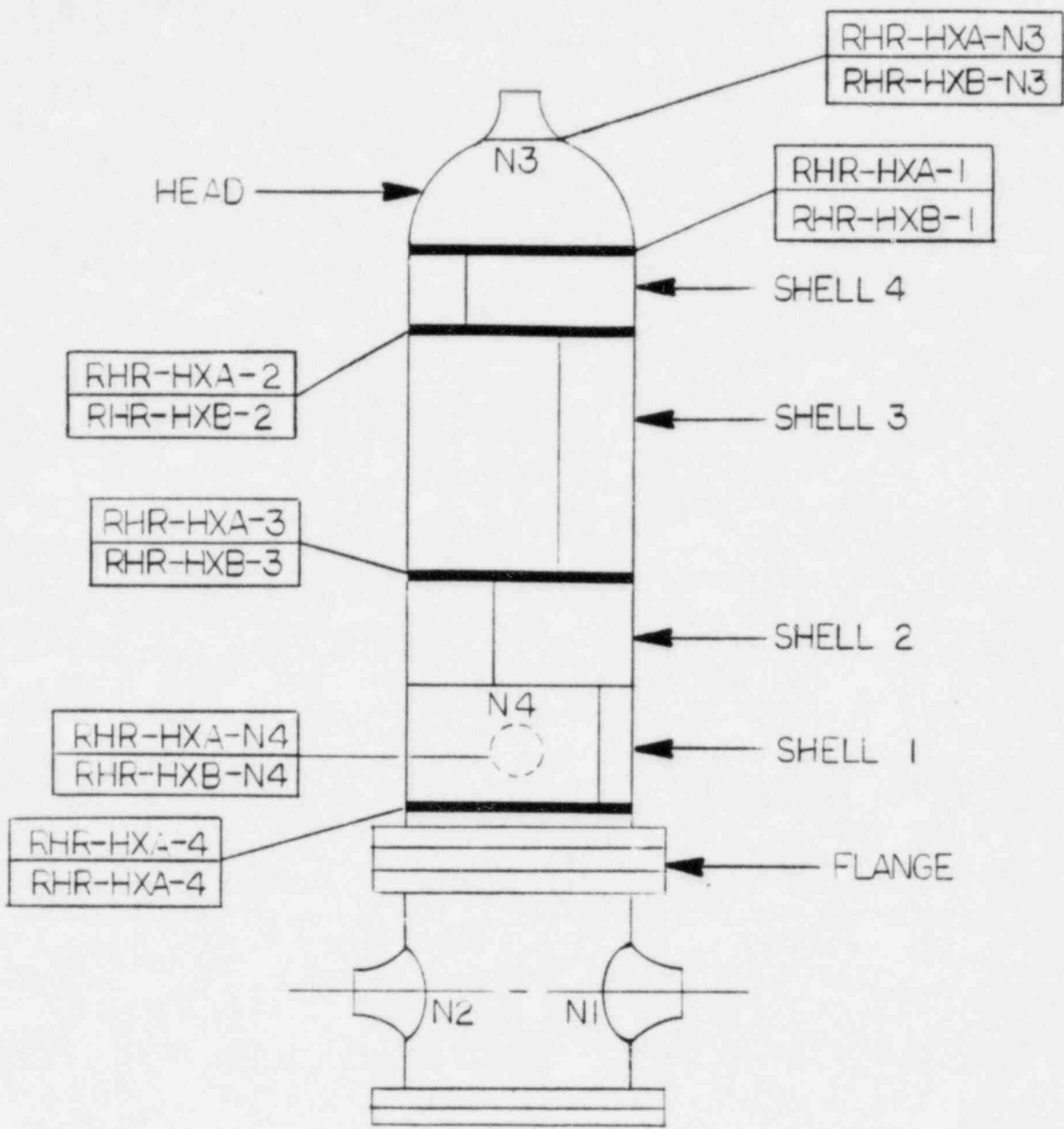
REF. BECHTEL DWG.
 GBB-108-1 REV. 1
 M-51 SHTS. 1/2 REV. 16


SYSTEM NO. 10	TITLE RHR WELD MAP
REV: 2	FIG. NO. 01-22
BY: <i>ILB</i>	DATE: 5-27-82
APP: <i>LS</i>	DATE: 7 JUL 82
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	

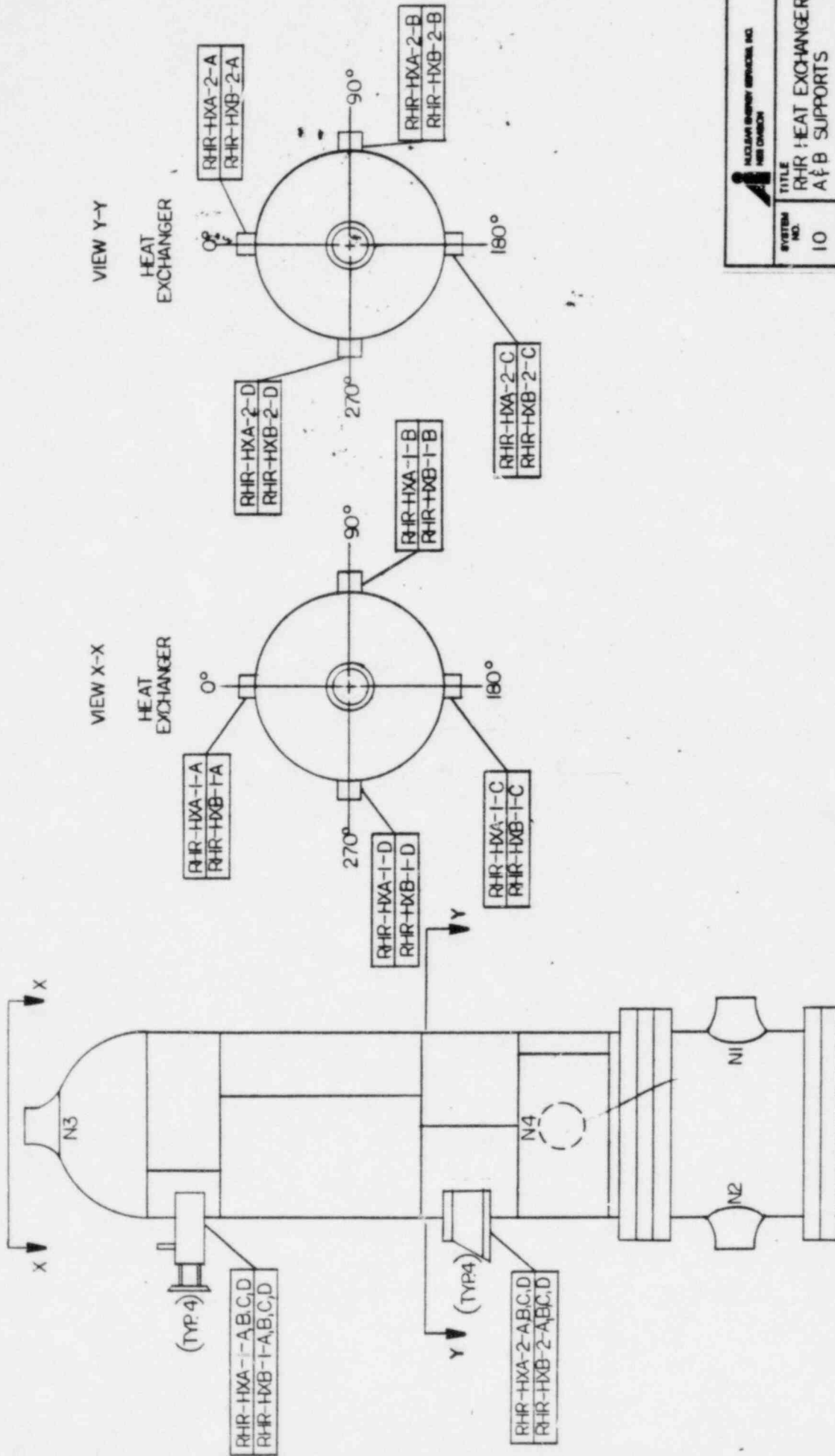


REF. BECHTEL DWG.
 GBB-108-2 REV 9
 M-51 SHTS. 112 REV. 16

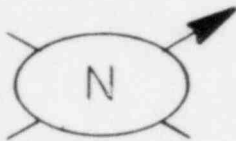
	
SYSTEM NO. 10	TITLE RHR WELD MAP
REV. 2	FIG. NO. 01-23
BY: JSS	DATE: 5-27-82
APP: CJE	DATE: 9-28-82
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	



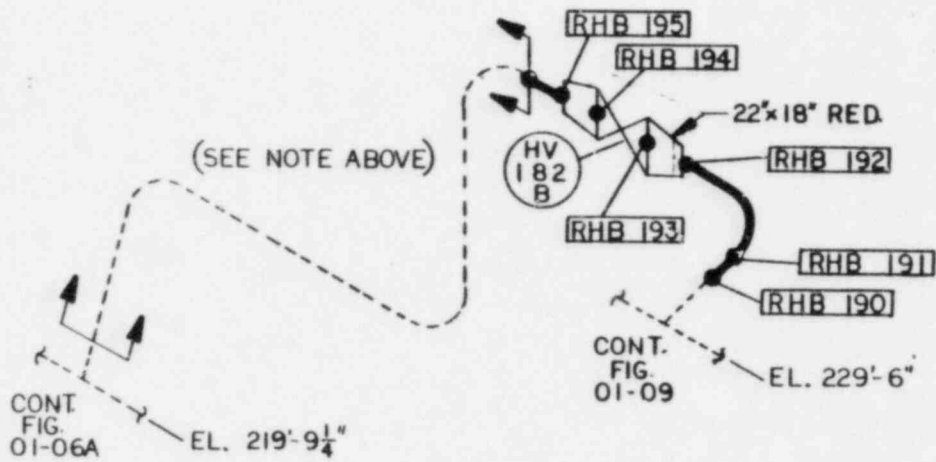
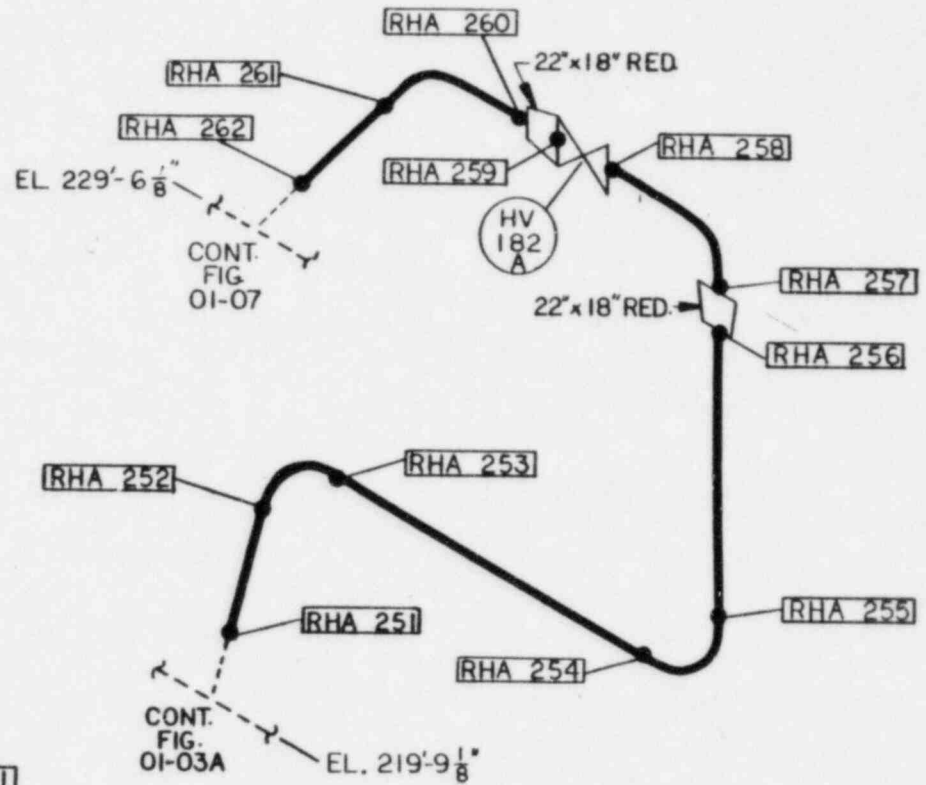
 NUCLEAR ENERGY SERVICES, INC. NES DIVISION	
SYSTEM NO. 10	TITLE RHR HEAT EXCHANGERS A & B BODY AND NOZZLE WELD
REV: 0	FIG. NO. 01-24
BY: <i>JS</i>	DATE: 5-27-80
APP: <i>FWC</i>	DATE: 5/27/80
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	



 NUCLEAR ENERGY SERVICES, INC. NEW ORLEANS	
SYSTEM NO. 10	TITLE RHR HEAT EXCHANGERS A & B SUPPORTS
REV: 0	FIG. NO. 01-25
BY: J.B.	DATE: 5-27-60
APP: A.C.	DATE: 5/17/60
PROJECT: 5551 LIMERICK UNIT 1	
NKS 112 NOT TO SCALE	

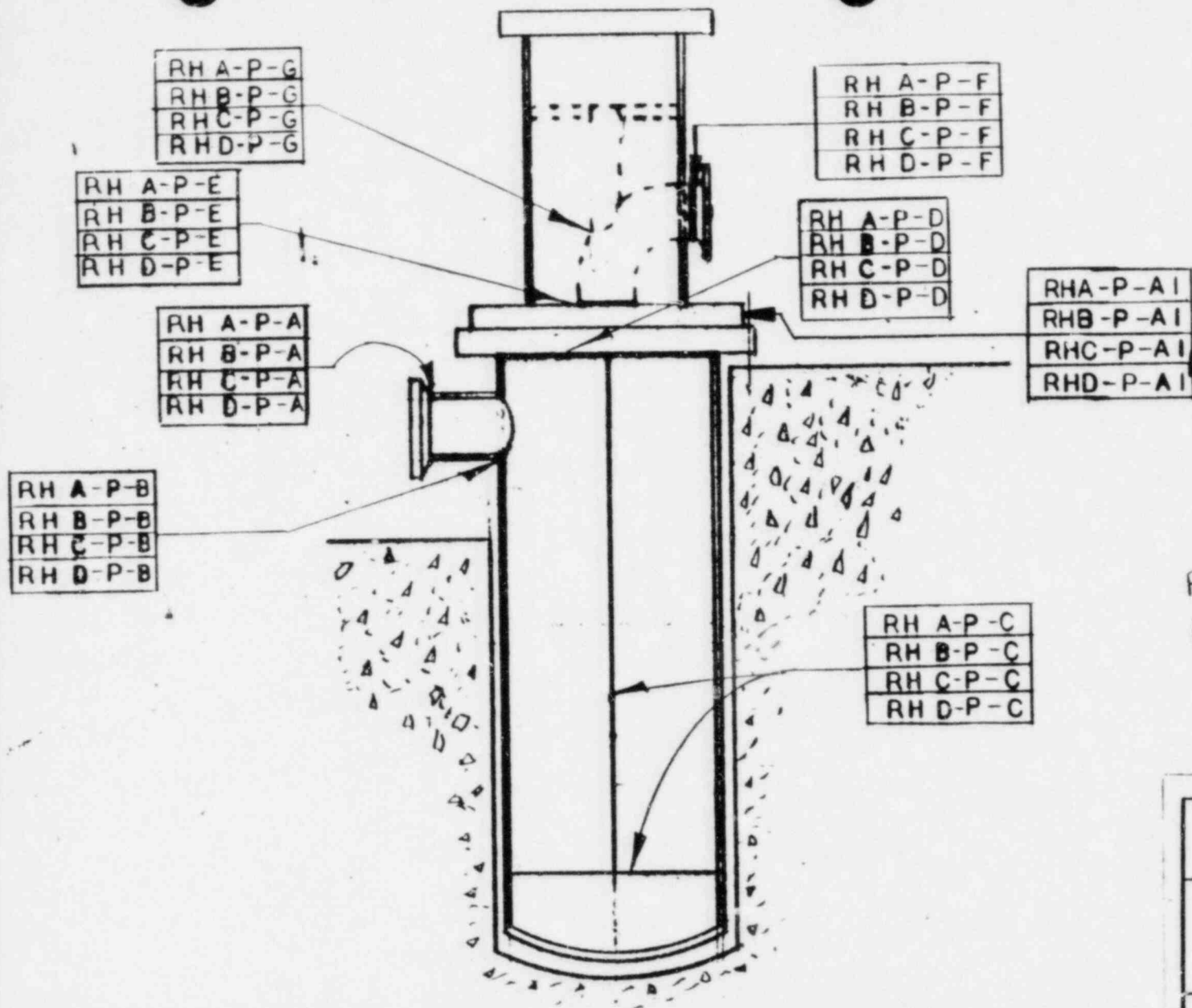


NOTE: DO TO LACK OF INFORMATION,
THE HIDDEN LINE PIPING
SHOWN BELOW IS INCOMPLETE.



REF. BECHTEL DWGS.
GBB-119-11 REV. 4
FSK GBB-102-4 SHT. 2 REV. 3
M-51 SHTS. 1/2 REV. 16

 <small>NUCLEAR ENERGY SERVICES, INC. MEMPHIS, TENNESSEE</small>	
SYSTEM NO. 10	TITLE RHR WELD MAP
REV: 0	FIG. NO. 01-26
BY: <i>188</i>	DATE: 5-27-82
APP: <i>CJT</i>	DATE: 9 JUL 82
PROJECT: 5551 LIMERICK UNIT 1	
NES 112 NOT TO SCALE	



REF. INGERSOLL RAND DWG:
F-34APK0500X4

nes NUCLEAR ENERGY SERVICES

SYSTEM NO. 10	TITLE PHR PUMP BODY WELDS AND SUPPORT
------------------	---

REV: 2	FIG. NO. 01-27
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BY: RP	DATE: 8-17-82
APP: CJZ	DATE: AUG 82

PROJECT: 5551 LIMERICK UNIT 1

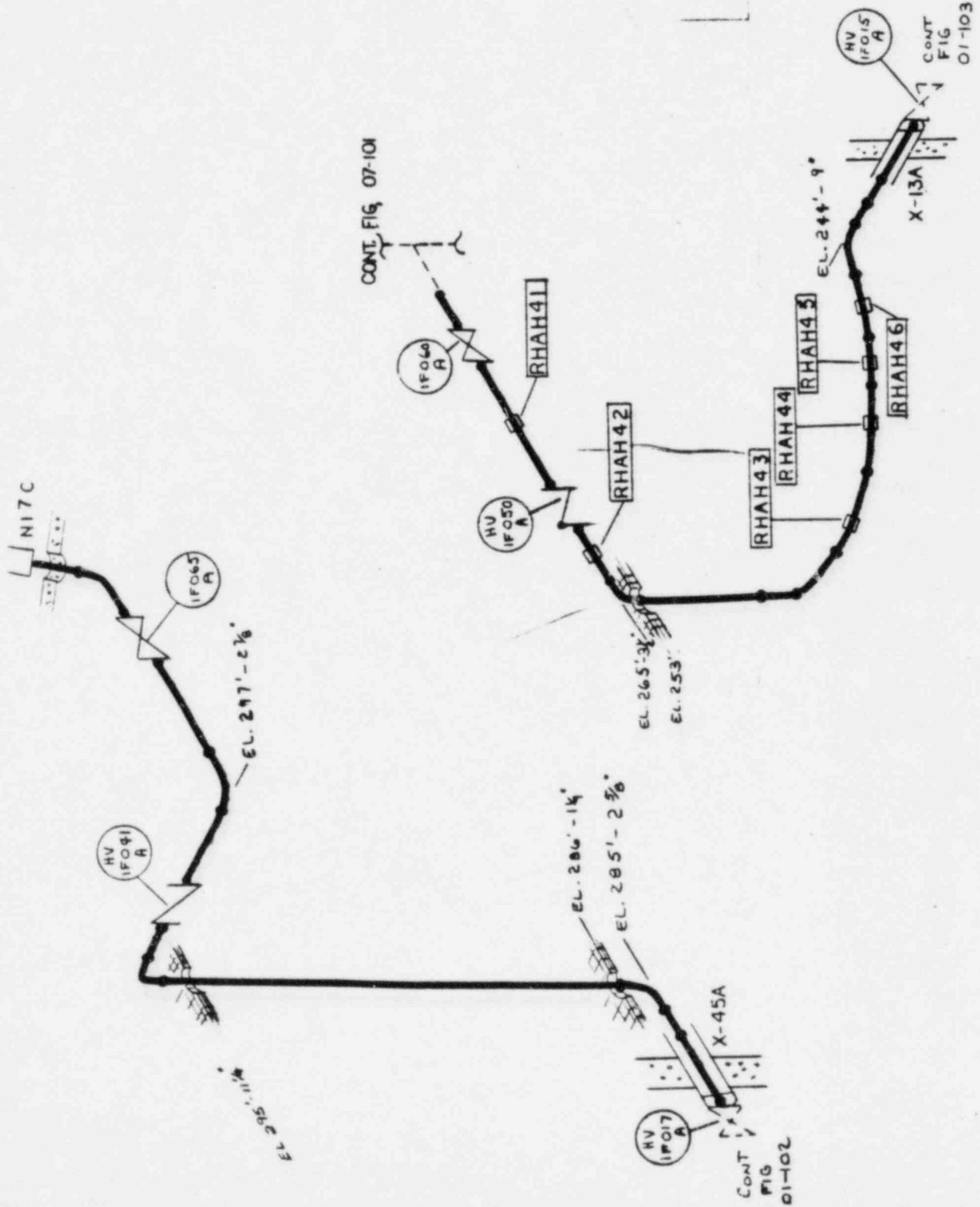
NOT TO SCALE



REF. BECHTEL DWGS.

- DCA-104-2 REV. 12
- DCA-104-4 REV. 2
- DCA-318-3 REV. 9
- DLA-112-3 REV. 18

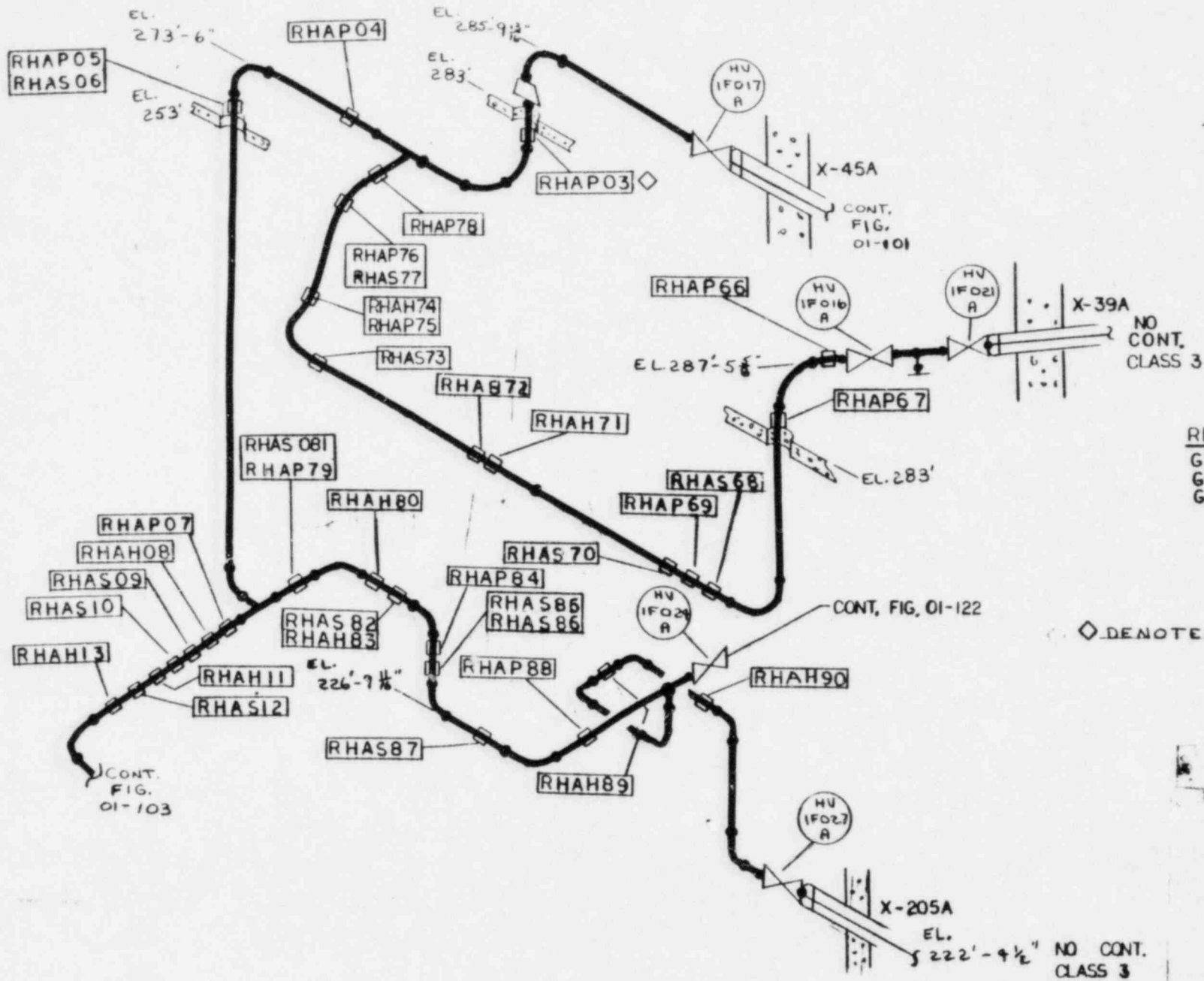
TITLE	RHR LOOP A HANGER MAP
SYSTEM NO.	10
REV. NO.	3
FIG. NO.	01-101
BY	JRP
DATE	7-2-82
APP.	CJE
DATE	1-28-83
PROJECT	3231 LIMERICK UNIT 1
FIG. NO.	01-103
NOT TO SCALE	



EL. 285'-2 5/8"

CONT. FIG. 01-102

CONT. FIG. 01-103

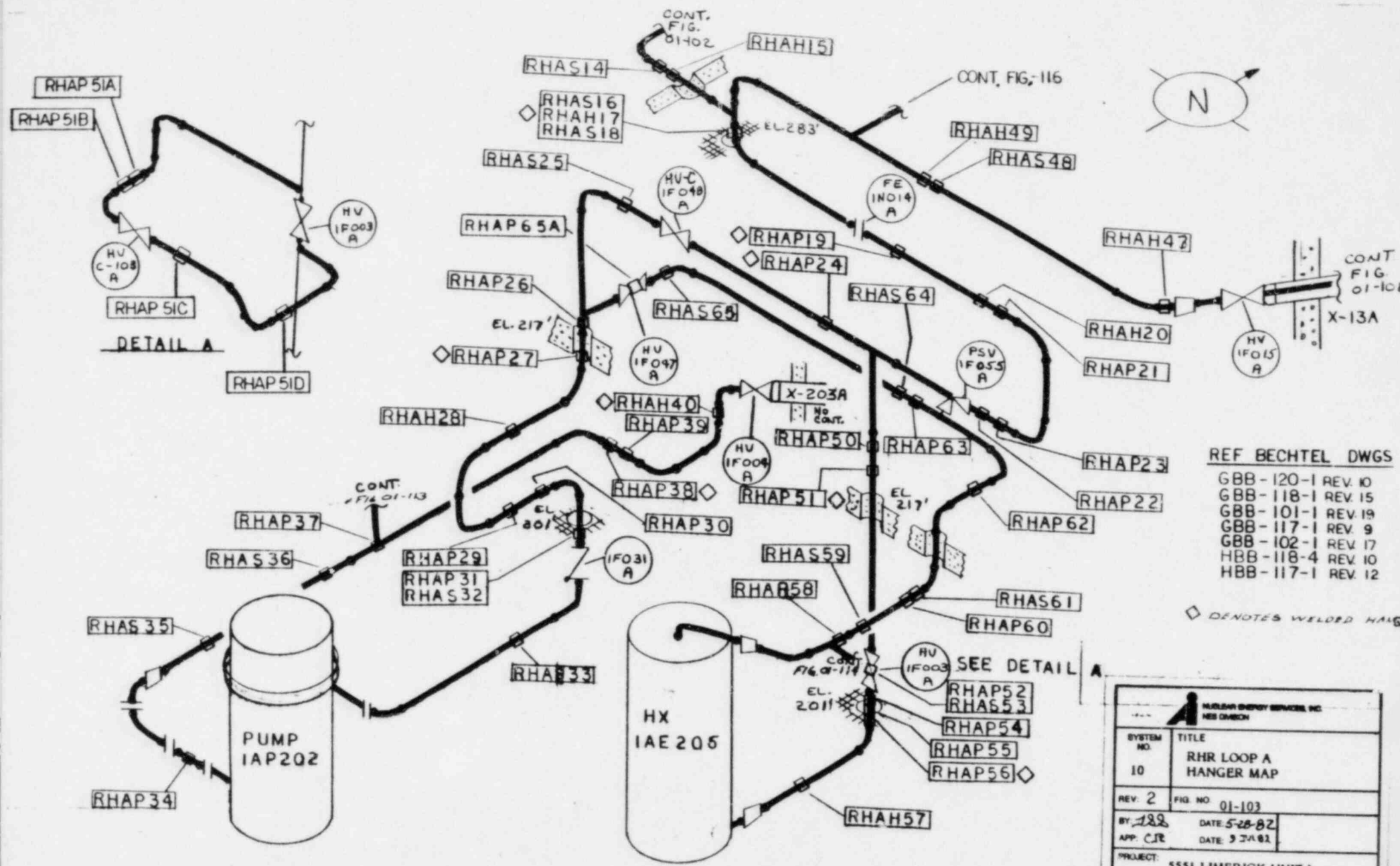


REF. BECHTEL DWGS.
 GBB-105-1 REV. 14
 GBB-107-1 REV. 9
 GBB-118-2 REV. 15

◇ DENOTES WELDED HANGERS

SYSTEM NO. 10	TITLE RHR LOOP A HANGER MAP
REV. 2	FIG. NO. 01-102
BY: <i>WJP</i>	DATE: <i>8-2-82</i>
APP: <i>CJR</i>	DATE: <i>9-21-82</i>
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	

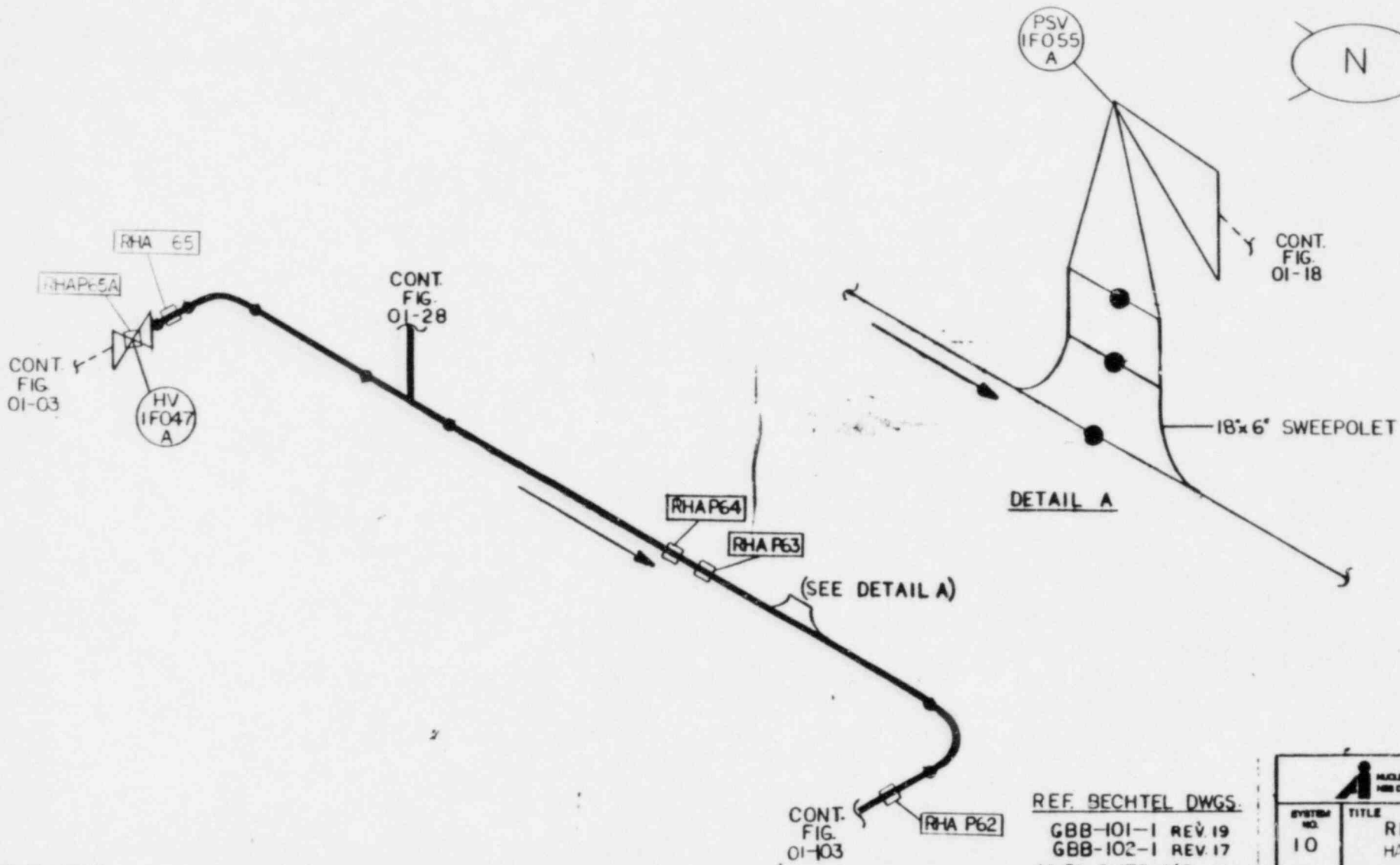
NES 112




- REF BECTEL DWGS
- GBB - 120-1 REV. 10
 - GBB - 118-1 REV. 15
 - GBB - 101-1 REV. 19
 - GBB - 117-1 REV. 9
 - GBB - 102-1 REV. 17
 - HBB - 118-4 REV. 10
 - HBB - 117-1 REV. 12

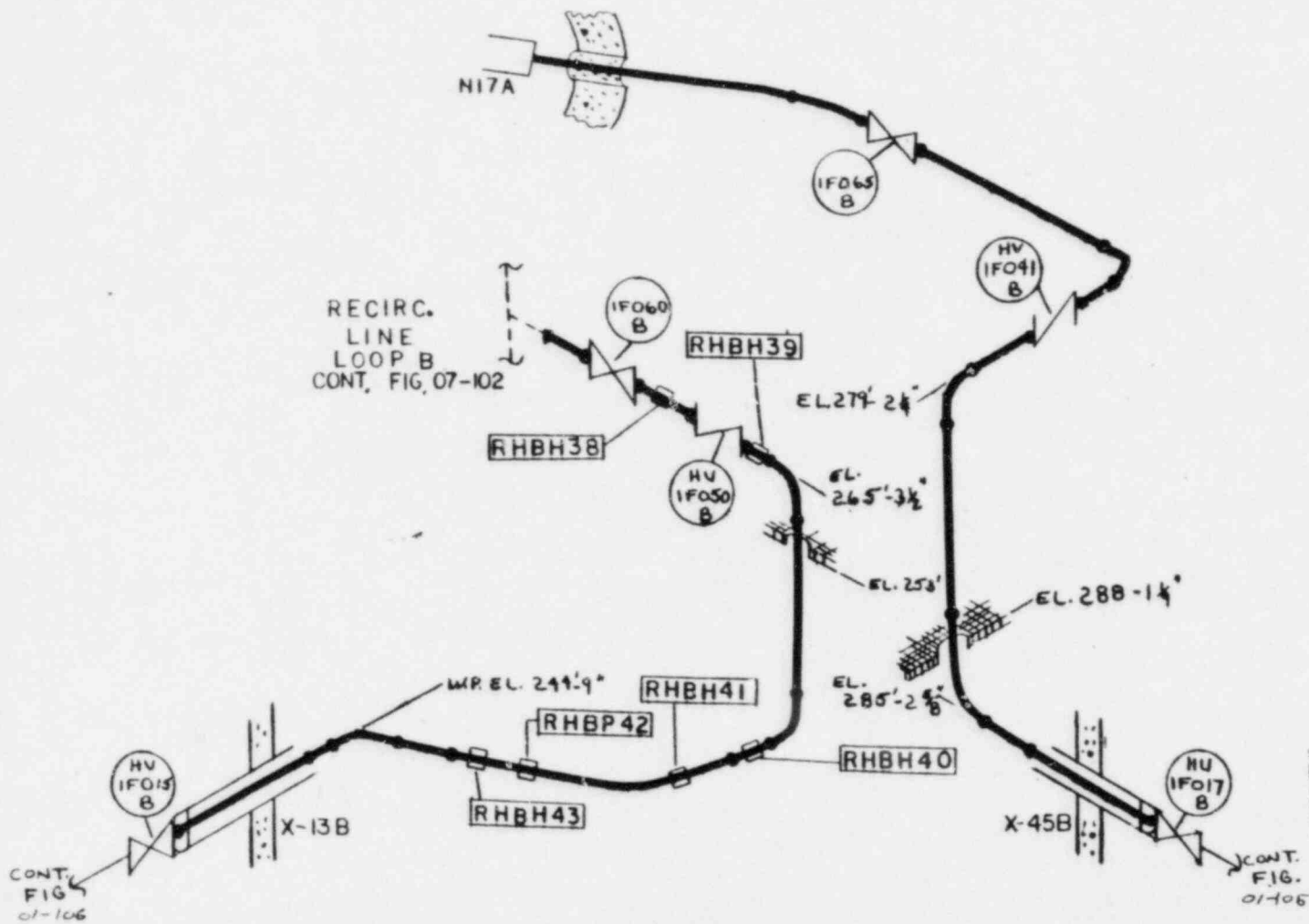
◇ DENOTES WELDED HANGER

 NUCLEAR ENERGY SERVICES, INC. MISSOURI	
SYSTEM NO. 10	TITLE RHR LOOP A HANGER MAP
REV. 2	FIG. NO. 01-103
BY: JLR	DATE: 5-28-82
APP: CJR	DATE: 9/2/82
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	



REF. BECHTEL DWGS.
 GBB-101-1 REV. 19
 GBB-102-1 REV. 17
 M-51 SHTS. 142 REV. 16

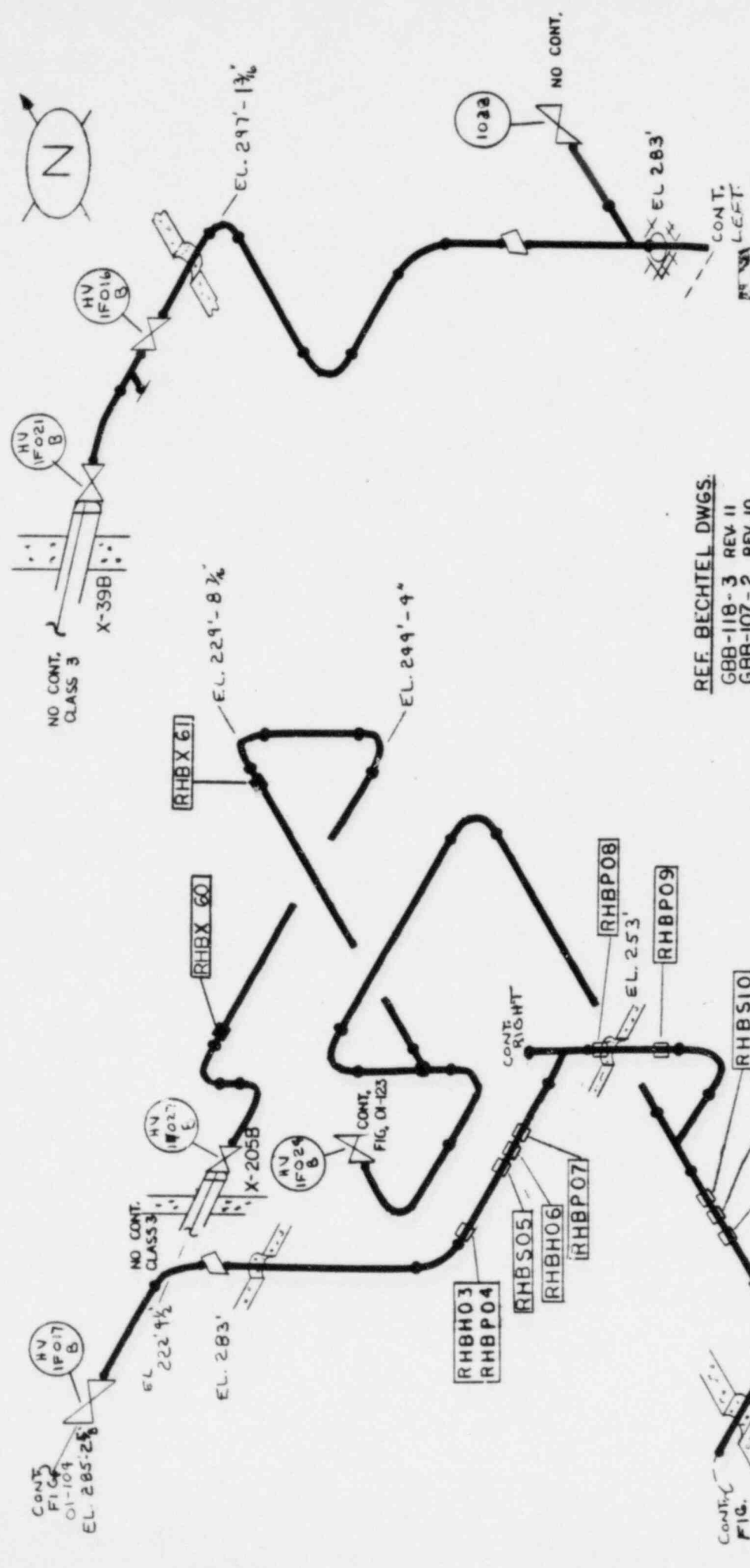
 NUCLEAR ENERGY SERVICES, INC. HBB DMBCHK	
SYSTEM NO. 10	TITLE RHR LOOP A HANGER MAP
REV. 0	FIG. NO. 01-103A
BY: JRP APP: CR	DATE: 7-9-82 DATE: 9 JUL 82
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	



REF BECHTEL DWGS

DLA - 112 - 2 REV. 14
 DCA - 104 - 1 REV. 8
 DCA - 104 - 3 REV. 8
 DCA - 318 - 2 REV. 8

SYSTEM NO.	TITLE
10	RHR LOOP B HANGER MAP
REV. 2	FIG. NO. 01-104
BY: JRP	DATE: 9-2-82
APP: CR	DATE: 9-JUL-82
PROJECT: 5551 LIMERICK UNIT I	
HEB 119	NOT TO SCALE



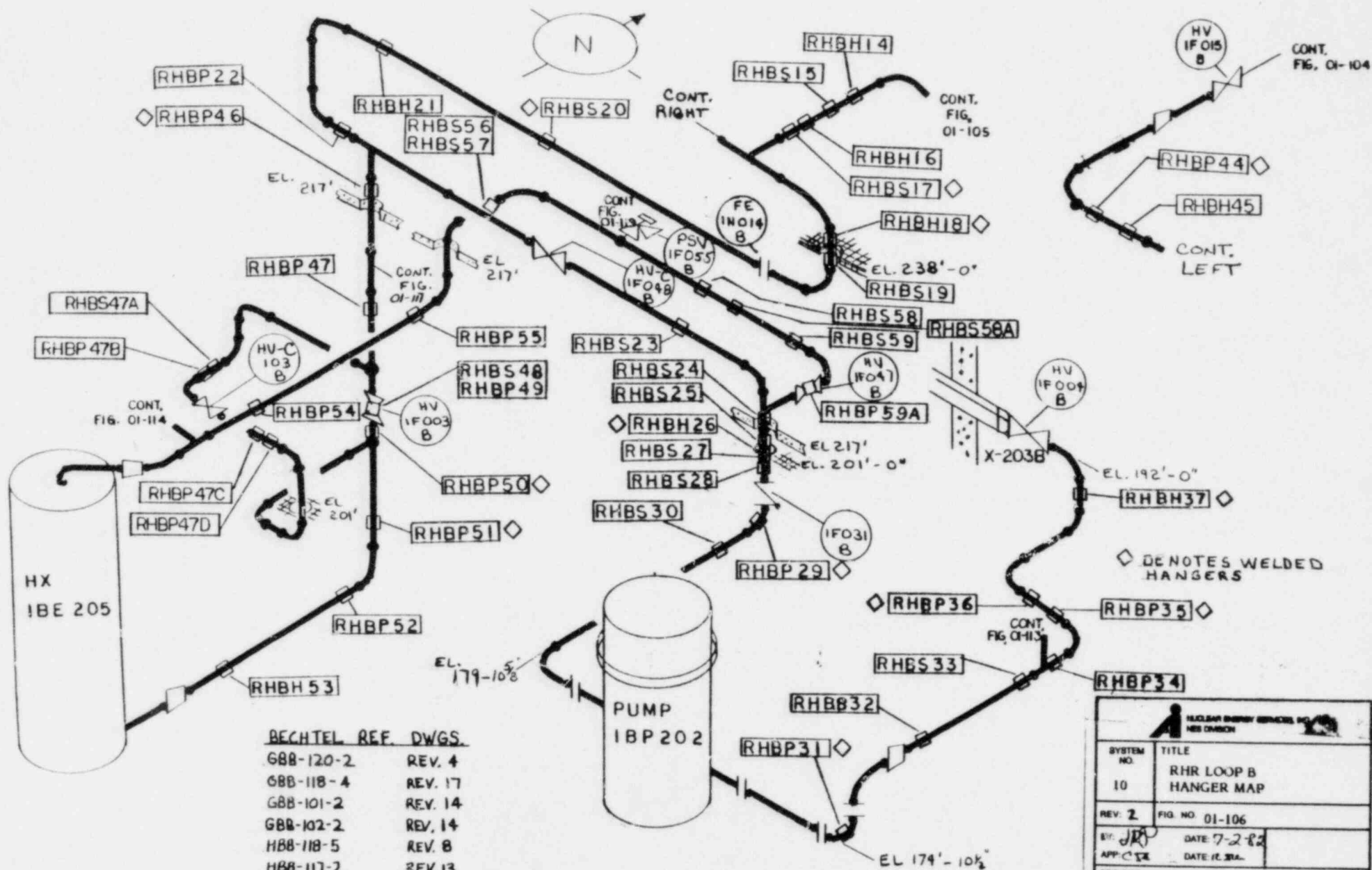
REF. BECHTEL DWGS.

- GBB-118-3 REV. 11
- GBB-107-2 REV. 10
- GBB-105-2 REV. 7
- GBB-110-1 REV. 3
- DCA-318-4 REV. 10

NUCLEAR ENERGY DIVISION, INC. HEB DUNBAR	
TITLE	RHR LOOP B HANGER MAP
SYSTEM NO.	10
REV. 2	FIG. NO. 01-105
DATE: 5-28-82	DATE: 12-30-81
APP. C. XZ	PROJECT: 3551 LIMERICK UNIT 1
HEB 112	NOT TO SCALE

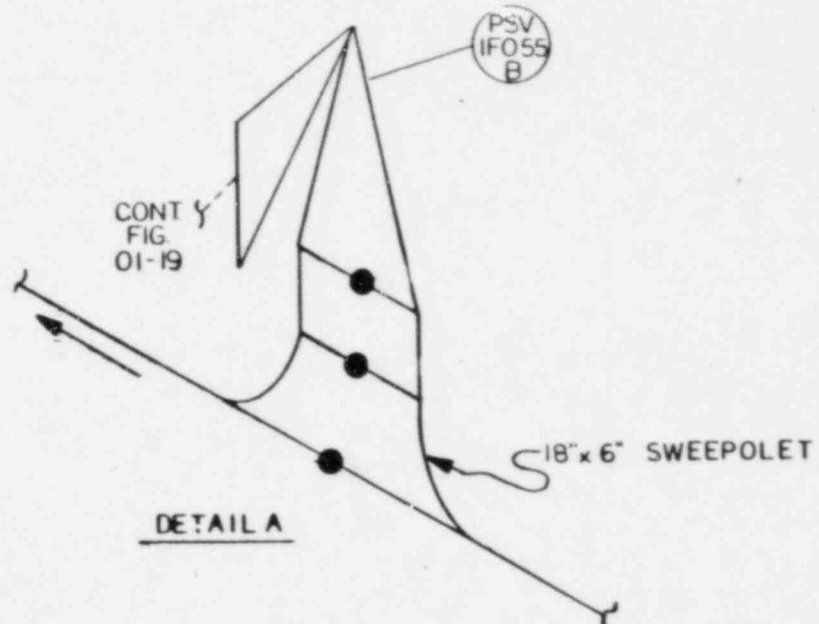
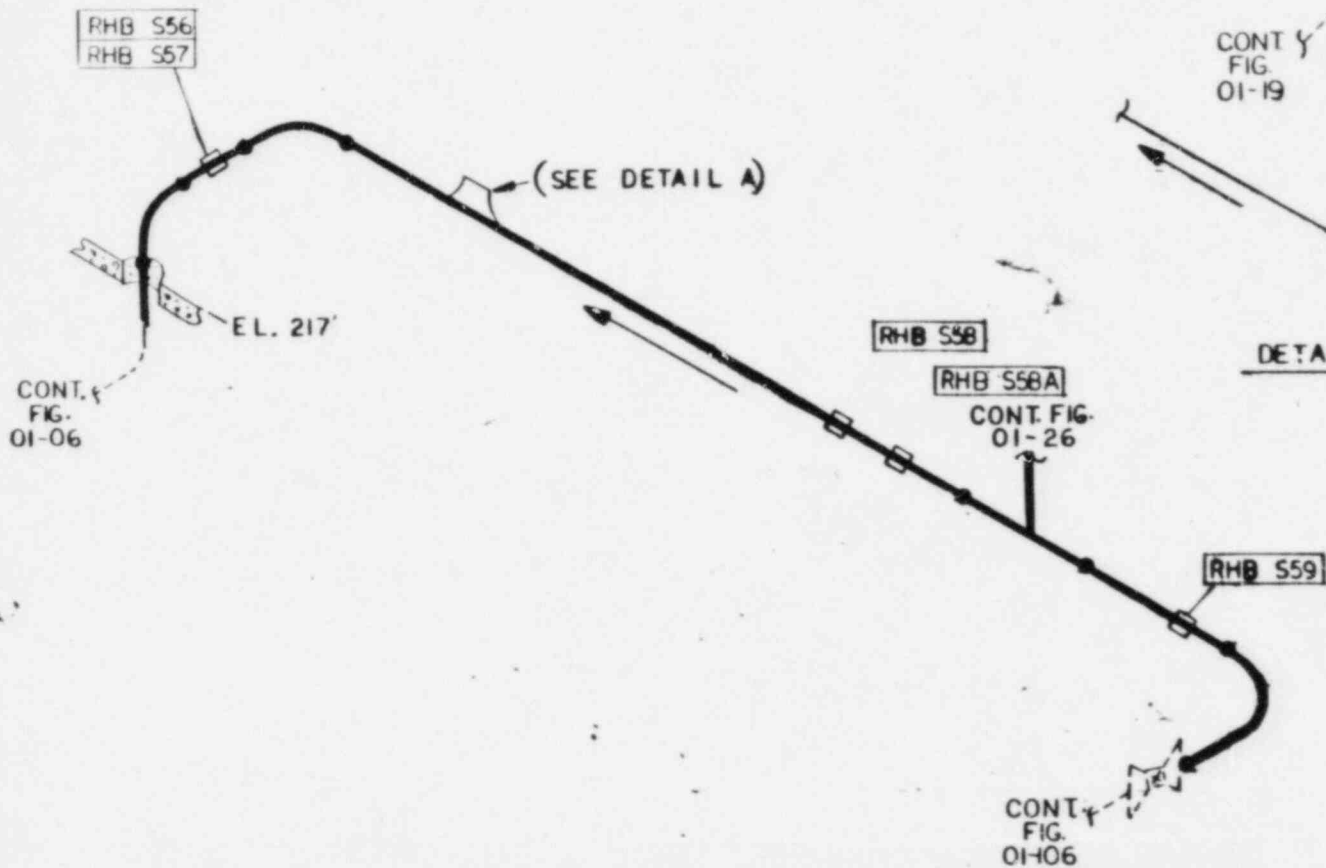
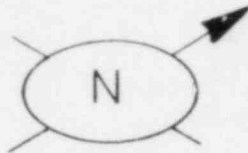
CONT. FIG. 01-104
EL. 285'-2 1/2

CONT. FIG. 01-106



BECHTEL REF. DWGS.	
G88-120-2	REV. 4
G88-118-4	REV. 17
G88-101-2	REV. 14
G88-102-2	REV. 14
H88-118-5	REV. 8
H88-117-2	REV. 13
G88-117-2	REV. 10

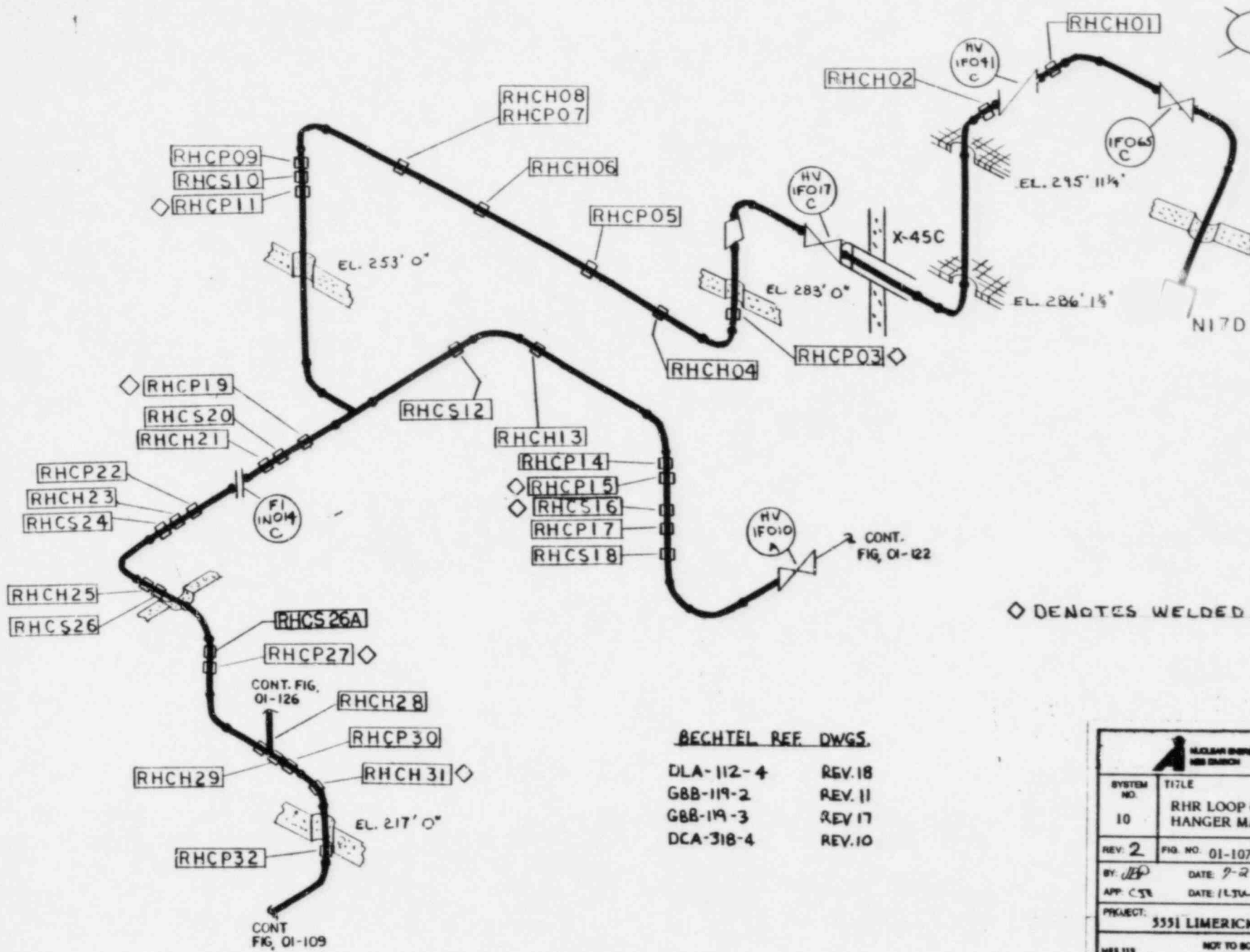
NUCLEAR ENERGY SERVICES, INC. NEE DIVISION	
SYSTEM NO. 10	TITLE RHR LOOP B HANGER MAP
REV. 2	FIG. NO. 01-106
BY: JRA	DATE: 7-2-82
APP: CJK	DATE: 11-28-82
PROJECT: 5551 LIMERICK UNIT I	
NES 112	NOT TO SCALE



REF. BECHTEL DWGS.
 GBB-101-2 REV 14
 GBB-102-2 REV 14
 M-51 SHTS. 112 REV 16

SYSTEM NO. 10	TITLE RHR LOOP B HANGER MAP
REV: 0	PNL NO. 01-106A
BY: JEP APP: CJR	DATE: 7-9-82 DATE: 9-11-82
PROJECT: 551 LIMERICK UNIT 1	
NOT TO SCALE	

NES 113

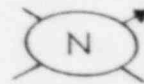
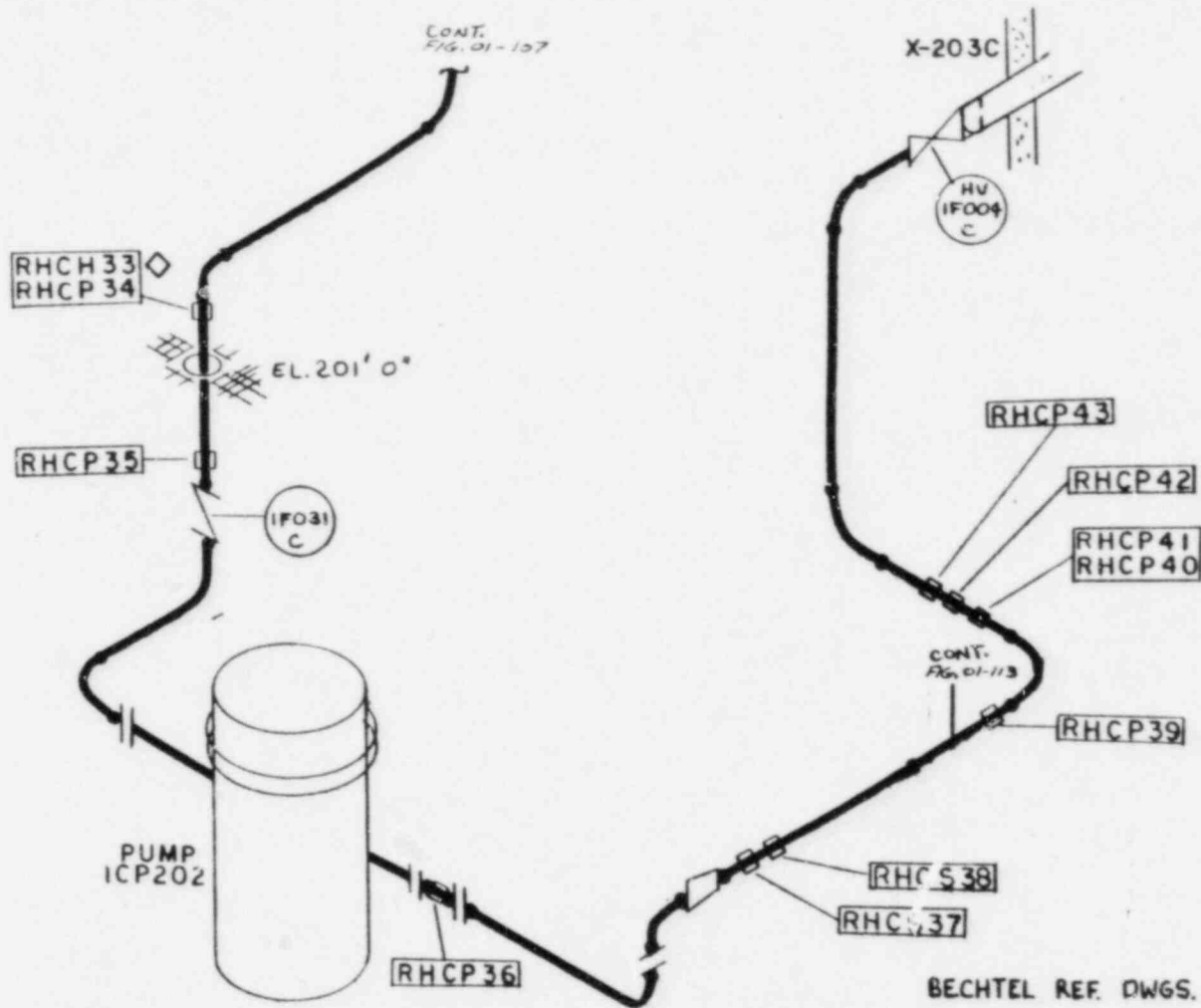


BECHTEL REF DWGS.

- | | |
|-----------|--------|
| DLA-112-4 | REV.18 |
| G8B-119-2 | REV.11 |
| G8B-119-3 | REV.17 |
| DCA-318-4 | REV.10 |

◇ DENOTES WELDED HANGERS

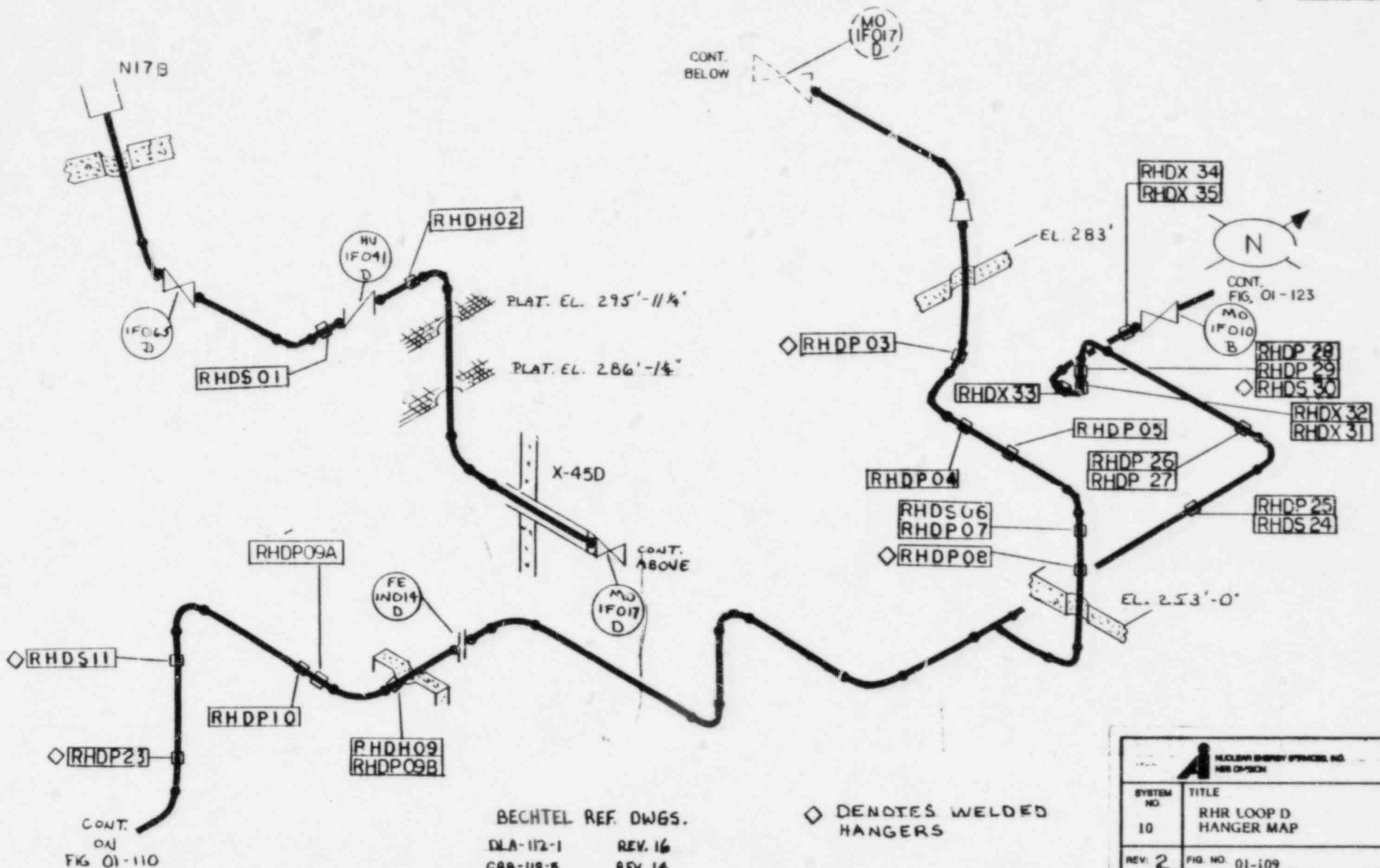
NUCLEAR ENERGY SERVICES INC. NEW BRUNSWICK	
SYSTEM NO. 10	TITLE RHR LOOP C HANGER MAP
REV. 2	FIG. NO. 01-107
BY: <i>JP</i>	DATE: 9-2-82
APP: CS	DATE: 1/13/84
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	



◇ DENOTES WELDED HANGERS

BECHTEL REF. DWGS.
 GBB-119-1 REV. 7
 HBB-117-3 REV. 13
 HBB-118-6 REV. 9


 <small>NUCLEAR ENERGY RESEARCH INSTITUTE</small> <small>HEB 01-108</small>	
SYSTEM NO. 10	TITLE RHR LOOP C HANGER MAP
REV. 2	FIG. NO. 01-108
BY: JEP	DATE: 7-2-84
APP: CTR	DATE: 12.31.
PROJECT: 5551 LIMERICK UNIT I	
HEB 118 NOT TO SCALE	

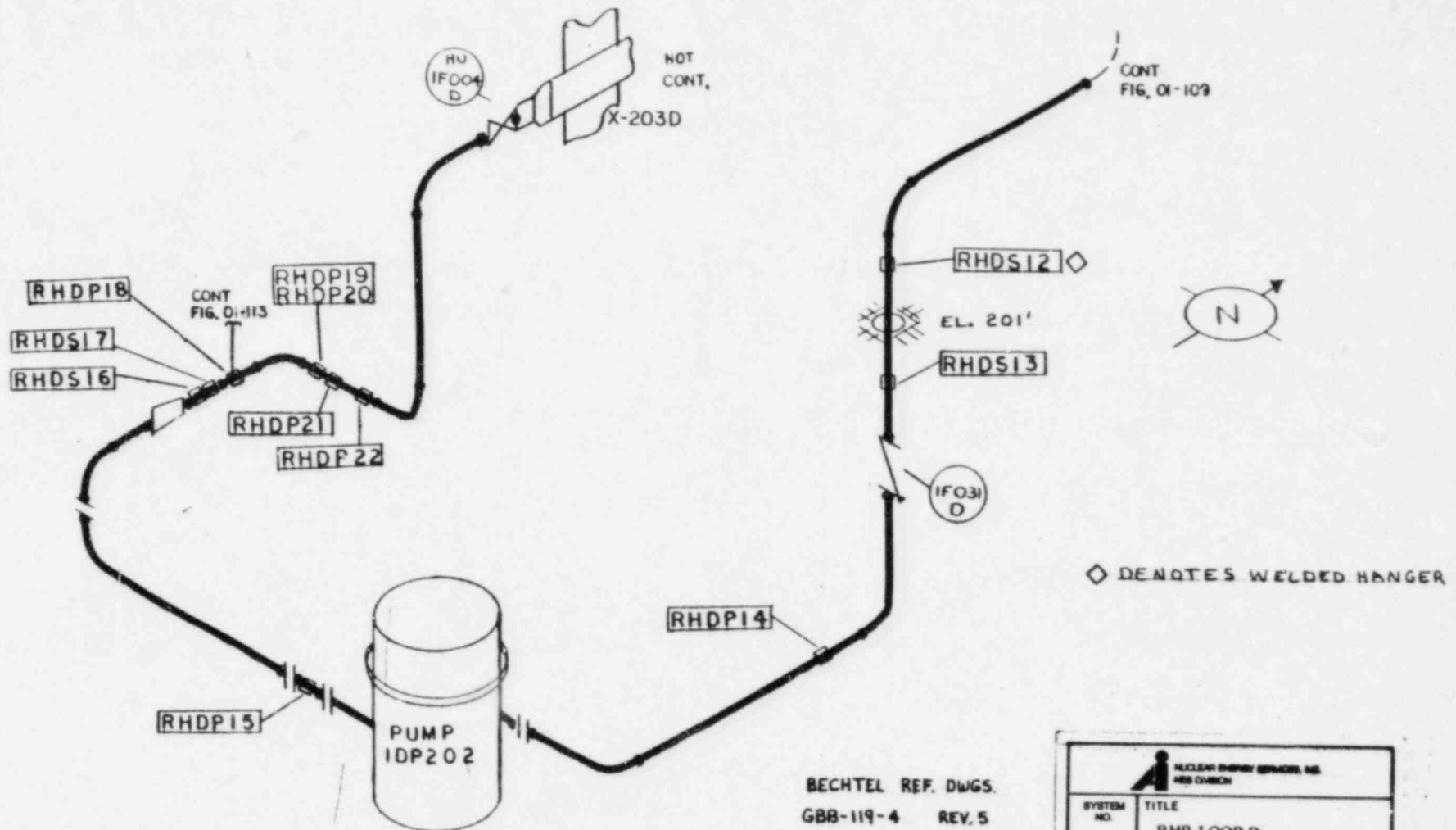


CONT.
ON
FIG 01-110


BECHTEL REF. DWGS.
DLA-112-1 REV. 16
G8B-119-5 REV. 14
G8B-119-6 REV. 11
DCA-318-1 REV. B

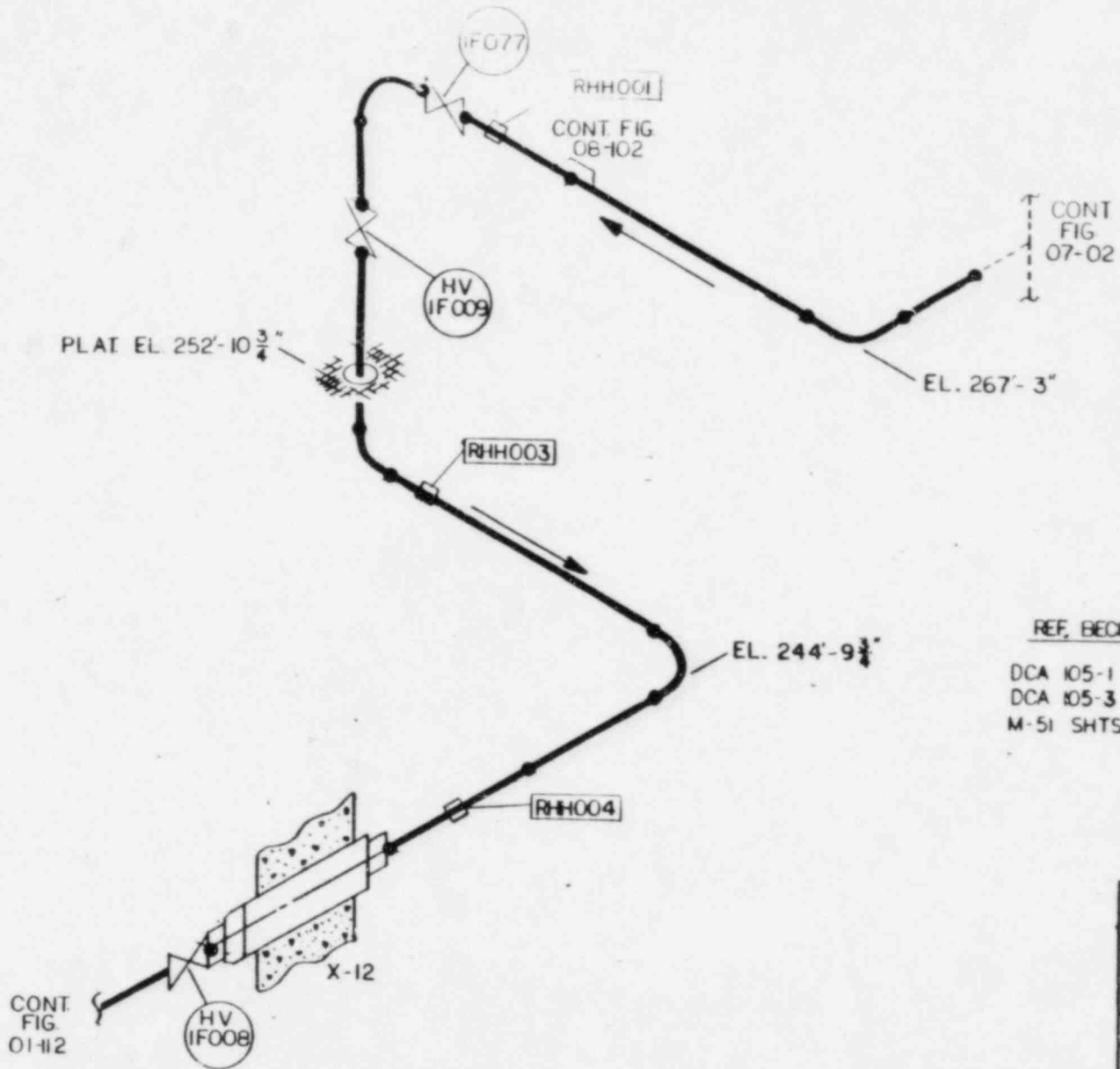
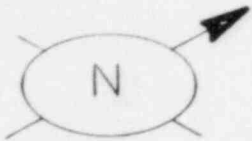
◇ DENOTES WELDED
HANGERS

 BECHTEL ENERGY SERVICES INC. NEW ORLEANS	
SYSTEM NO. 10	TITLE RHR LOOP D HANGER MAP
REV. 2	FIG. NO. 01-109
BY: JRP	DATE: 7-28
APP: CTR	DATE: 12 JUL 82
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	



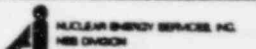
BECHTEL REF. DWGS.
 GBB-119-4 REV. 5
 HBB-117-4 REV. 12
 HBB-118-7 REV. 9

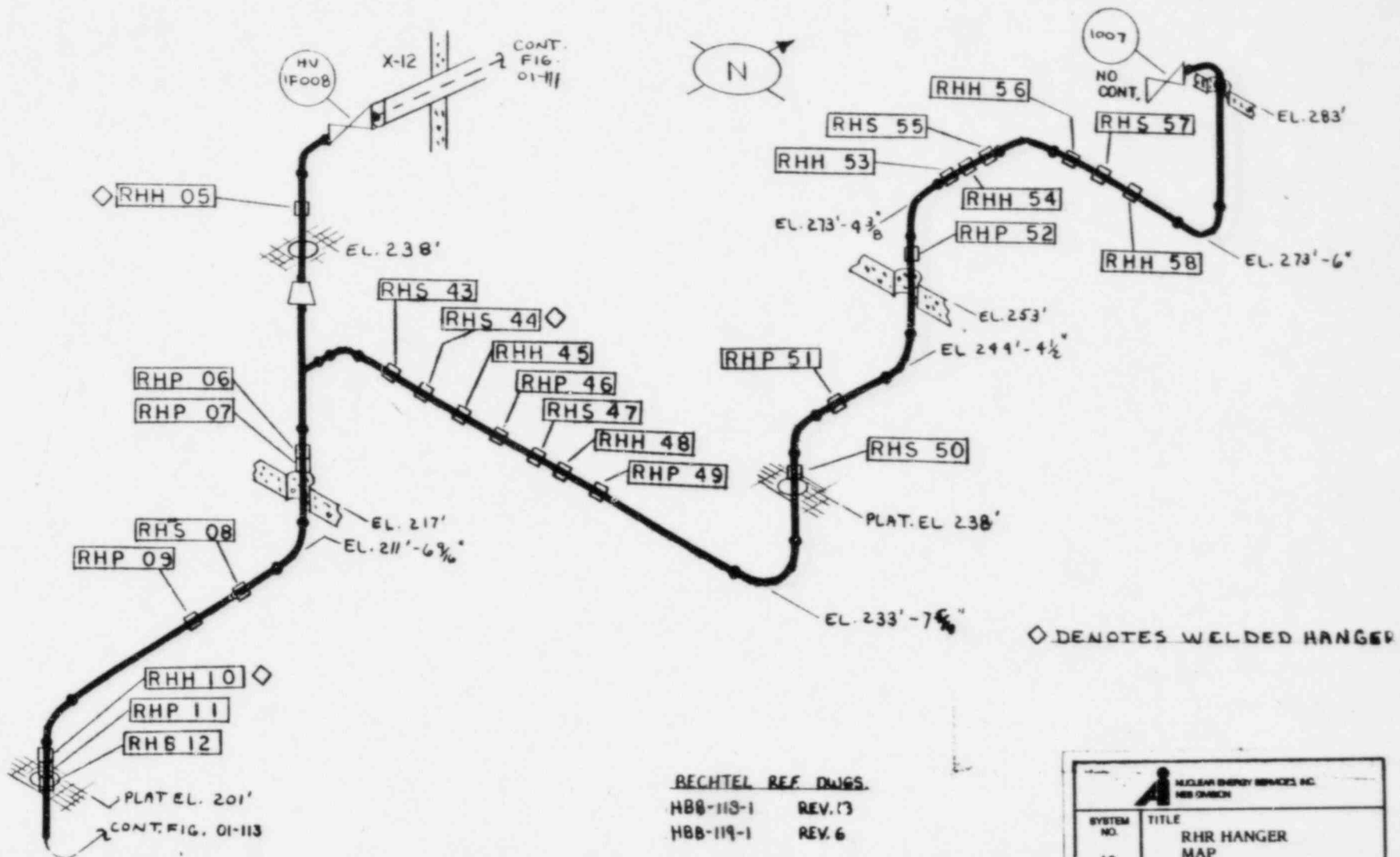
 NUCLEAR ENERGY SERVICES, INC. AND COMPANY	
SYSTEM NO. 10	TITLE RHR LOOP D HANGER MAP
REV. 2	FIG. NO. 01-110
BY: JRP	DATE: 7-2-81
APP: CSR	DATE: 11 JUL 81
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	
NEB 118	



REF. BECHTEL DWGS

DCA 105-1 REV. 12
 DCA 105-3 REV. 4
 M-51 SHTS, 1|2 REV. 16

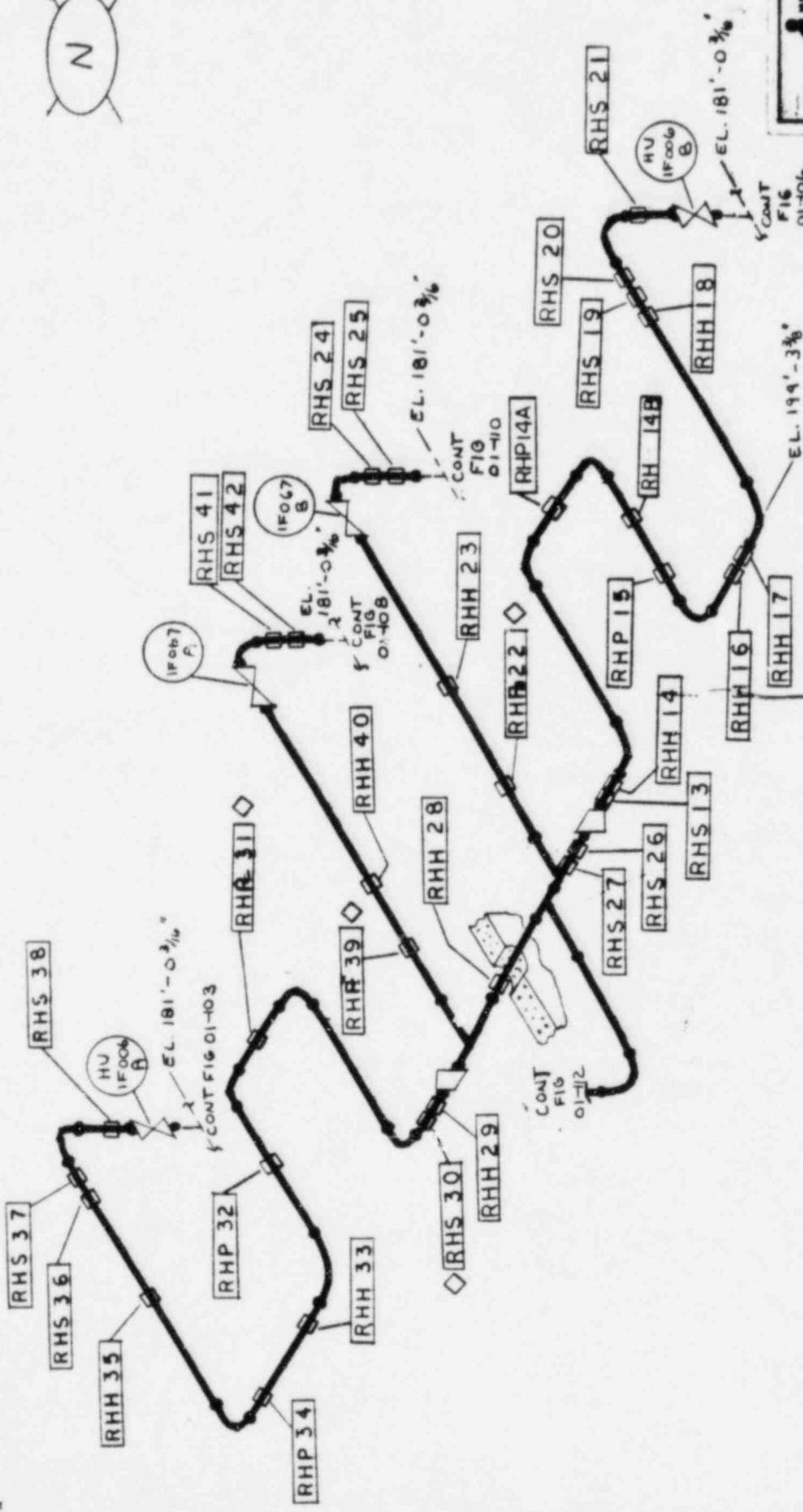
	
SYSTEM NO. 10	TITLE RHR PUMPER MAP
REV. 2	FIG. NO. 01-111
BY: JEP APP: C.R.	DATE 7-8-82 DATE 9-21-82
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	
NES 112	



BECHTEL REF DWGS.
 HBB-113-1 REV. 13
 HBB-119-1 REV. 6

◇ DENOTES WELDED HANGER

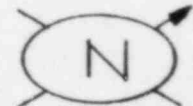
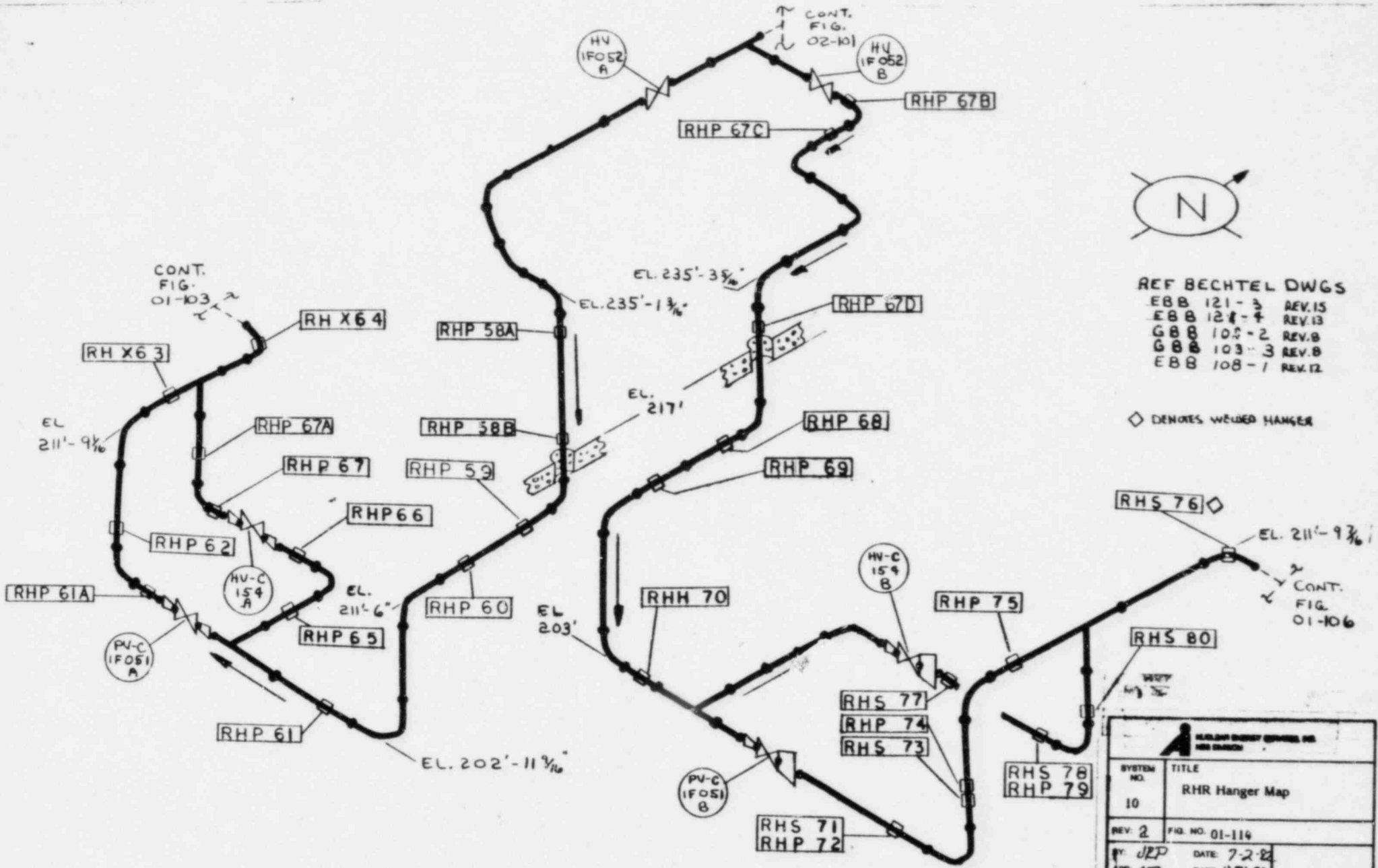
SYSTEM NO. 10	TITLE RHR HANGER MAP
REV. 2	FIG. NO. 01-112
BY: <i>JRP</i> APP: <i>CJE</i>	DATE: 9-2-62 DATE: 12-24-62
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	



TITLE	RHR HANGER
SYSTEM NO.	MAP
REV. 2	FIG NO. 01-113
BY: JBP	DATE: 2-2-06
APP. CTE.	DATE: 1/24/06
PROJECT:	5551 LIMERICK UNIT I
NO. 113	NOT TO SCALE

◇ DENOTES WELDED HANGERS

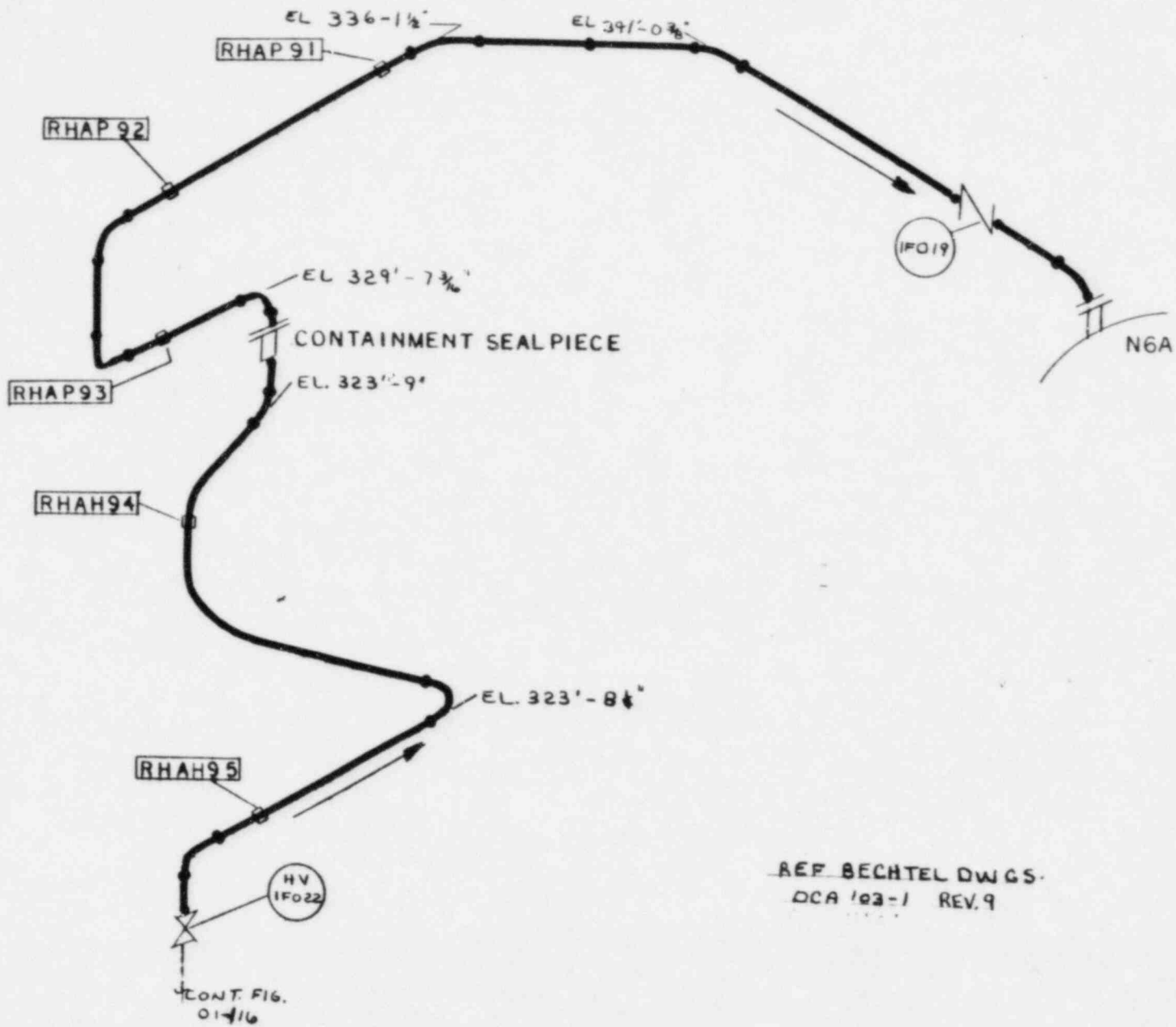
BECHTEL REF. DWGS.
 HBB-118-2 REV. 10
 HBB-118-3 REV. 6



REF BECHTEL DWGS
 EBB 121-3 REV.15
 EBB 121-4 REV.13
 GBB 105-2 REV.8
 GBB 103-3 REV.8
 EBB 108-1 REV.12

◊ DENOTES WELDED HANGER

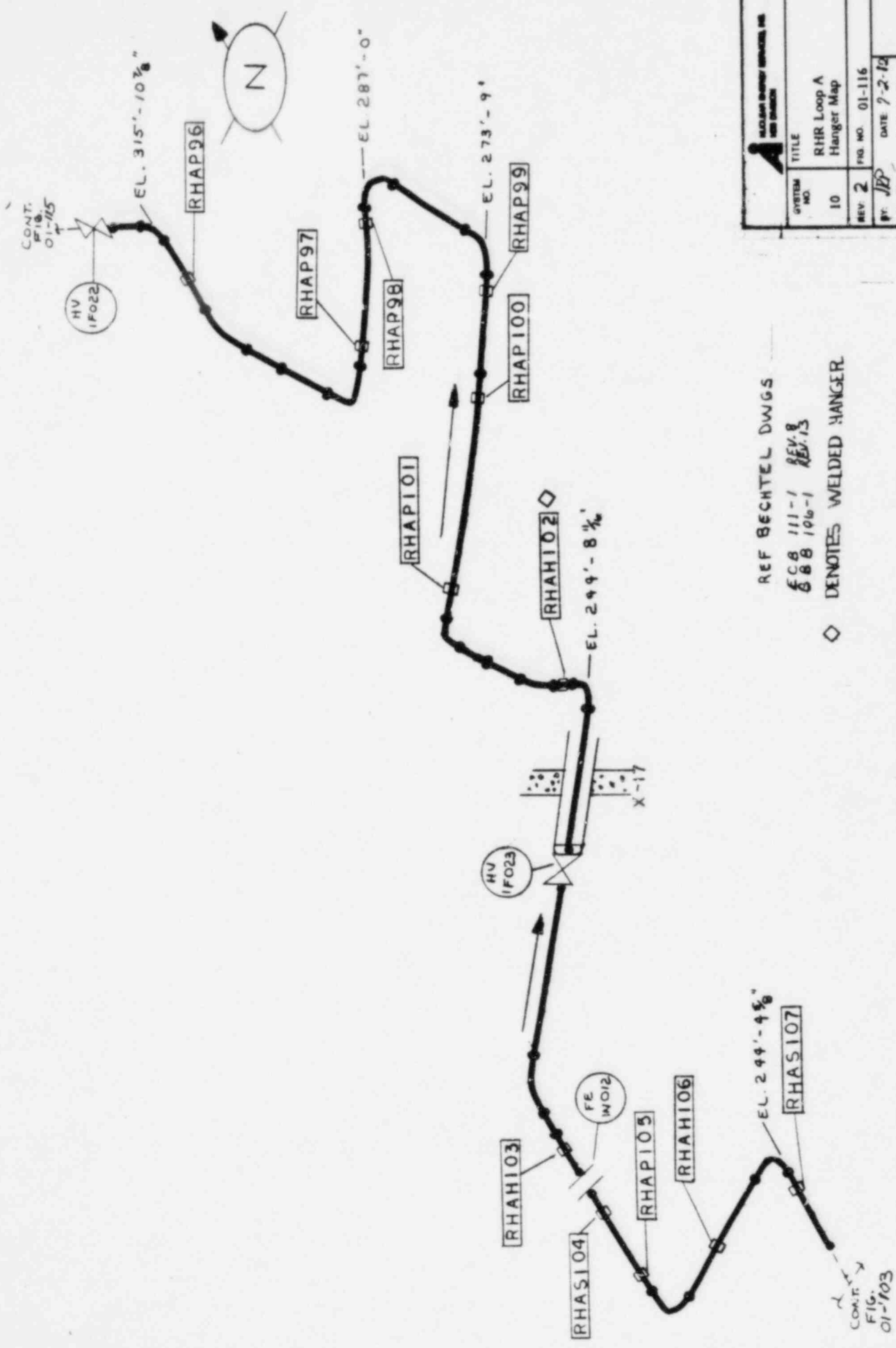
WALSH ENERGY SERVICES, INC. MEMPHIS, TENNESSEE	
SYSTEM NO. 10	TITLE RHR Hanger Map
REV. 2	FIG. NO. 01-114
BY: JEP APP: CTB	DATE: 7-2-82 DATE: 11/24/81
PROJECT: 5551 Limerick Unit 1	
NOT TO SCALE	
MBS 112	



REF BECHTEL DWGS.
DCA 103-1 REV. 9

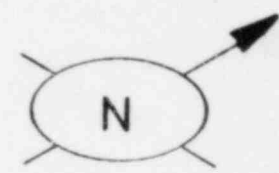
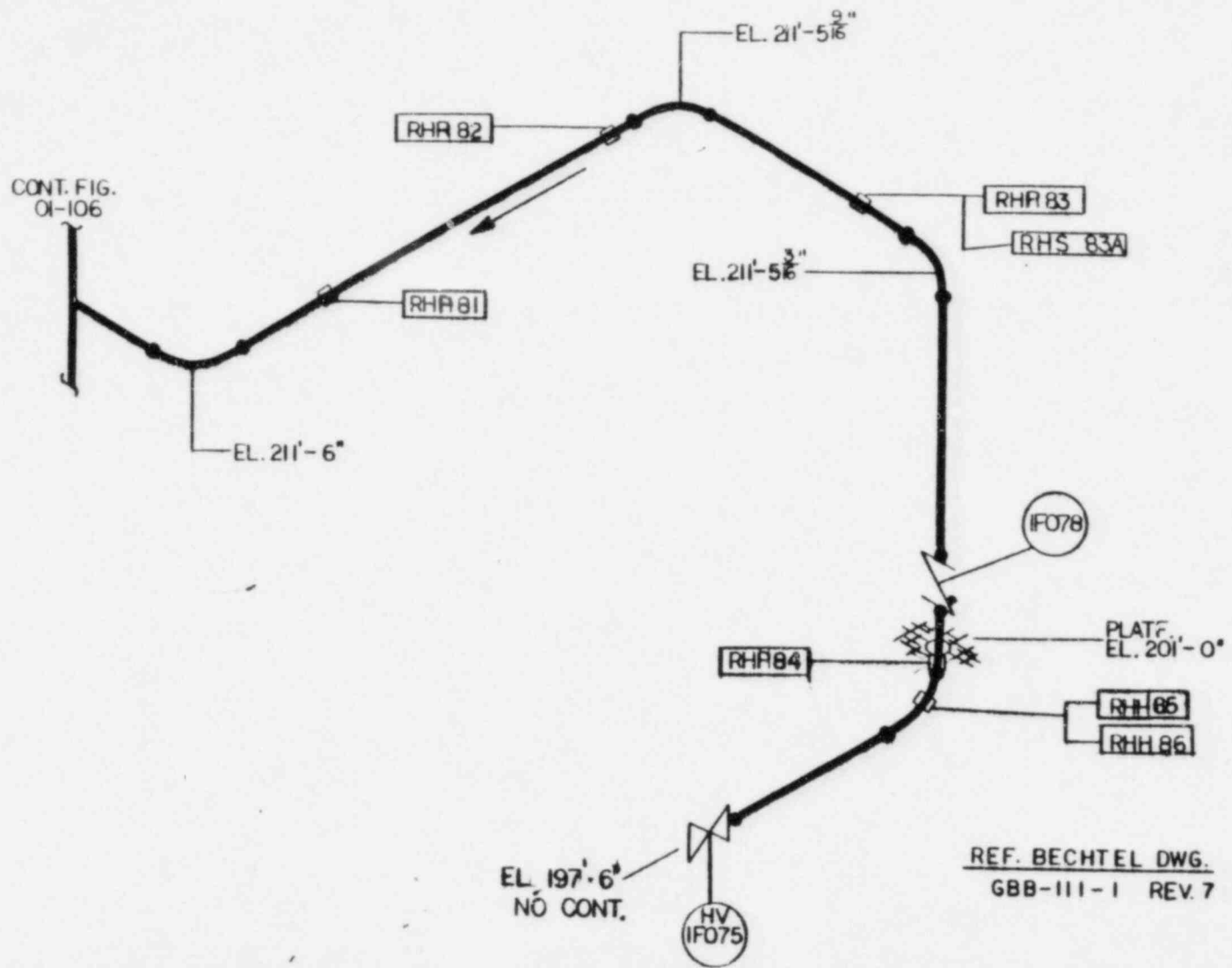
CONT. FIG.
01-116

SYSTEM NO. 10	TITLE RHR Loop A Hanger Map
REV. #	FIG. NO. 01-115
BY: <i>JRP</i>	DATE: 7-2-82
APP: <i>CTA</i>	DATE: 12-23-
PROJECT: 5551 Limerick Unit 1	
NES 112	NOT TO SCALE



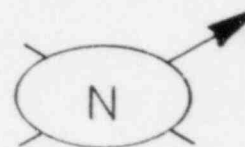
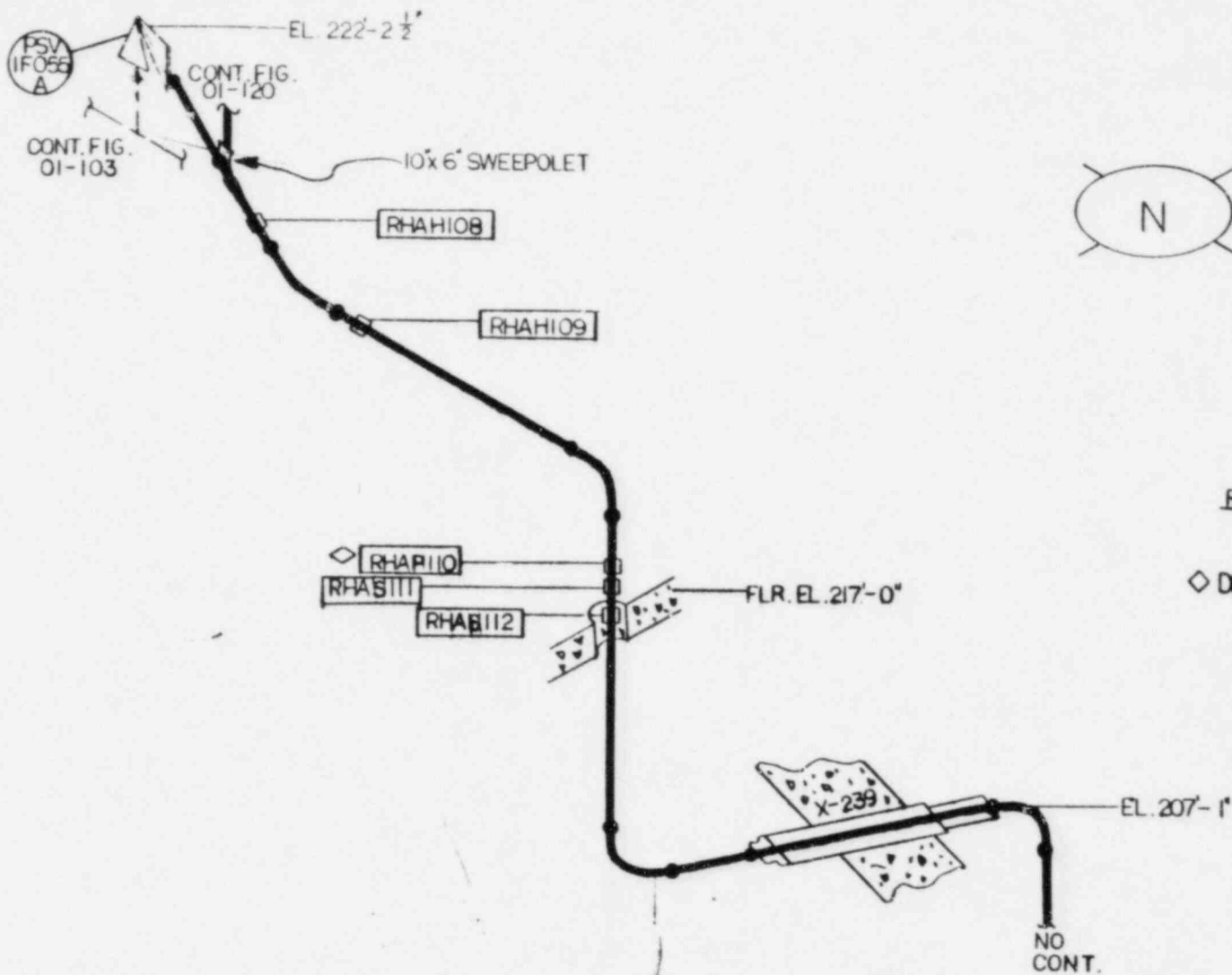
TITLE	RHR Loop A Hanger Map
SYSTEM NO.	10
REV.	2
FIG. NO.	01-116
BY	JBP
DATE	7-2-12
APP. C.F.E.	DATE IL.FUL.
PROJECT	5551 Limerick Unit 1
INCHES	NOT TO SCALE

REF BECHTEL DWGS
 EC 8 111-1 REV. 8
 688 106-1 REV. 13
 ◇ DENOTES WELDED HANGER



REF. BECHTEL DWG.
GBB-111-1 REV. 7

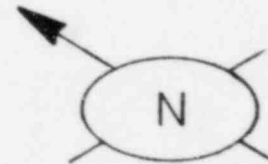
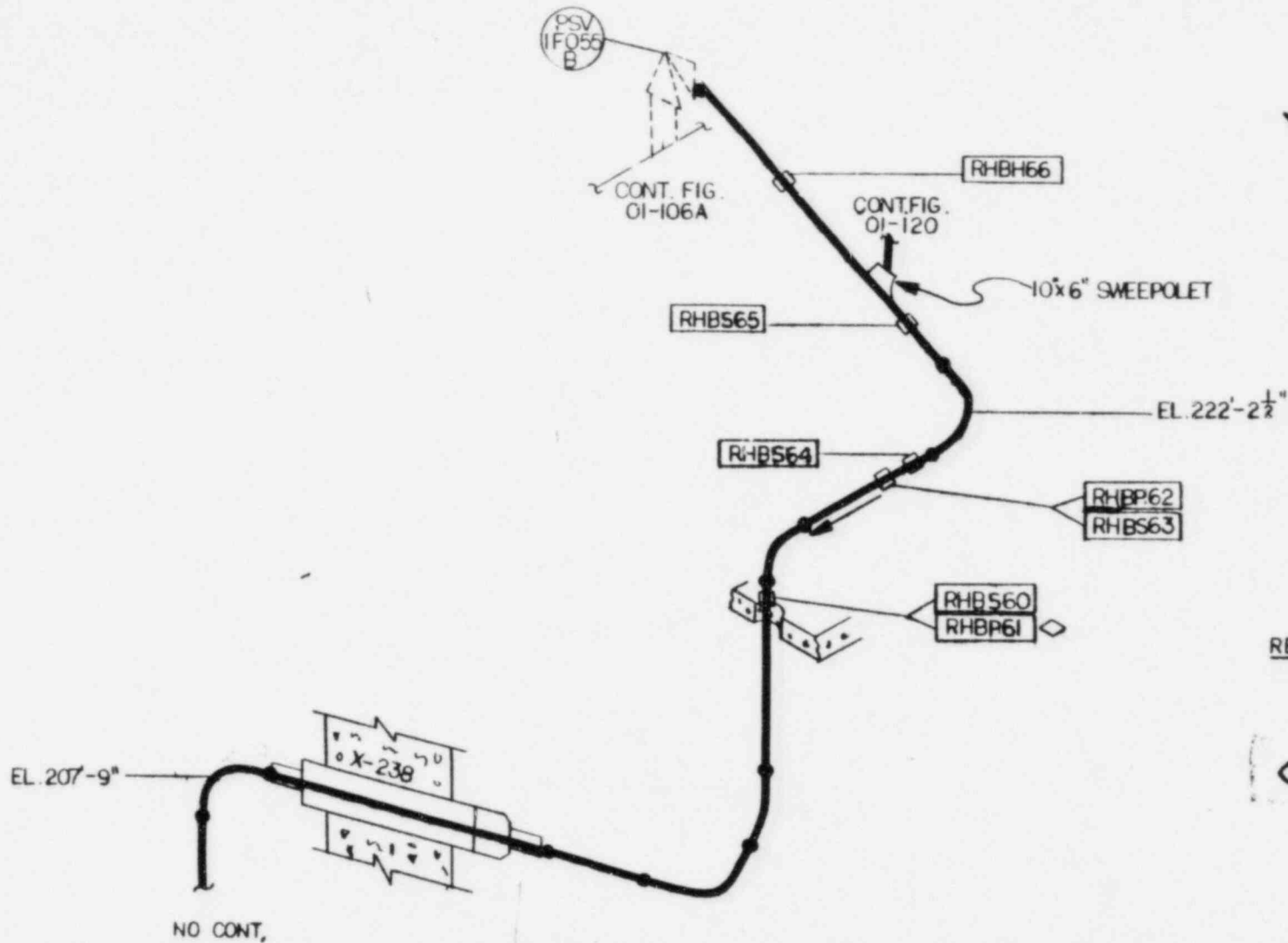
SYSTEM NO. 10	TITLE RHR HANGER MAP
REV. 2	PIG. NO. 01-117
BY: JRP	DATE: 7-2-82
APP: LJR	DATE: 12.20.82
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	



REF. BECHTEL DWG.
HBB-140-1 REV.11


◇ DENOTES WELD HANGE

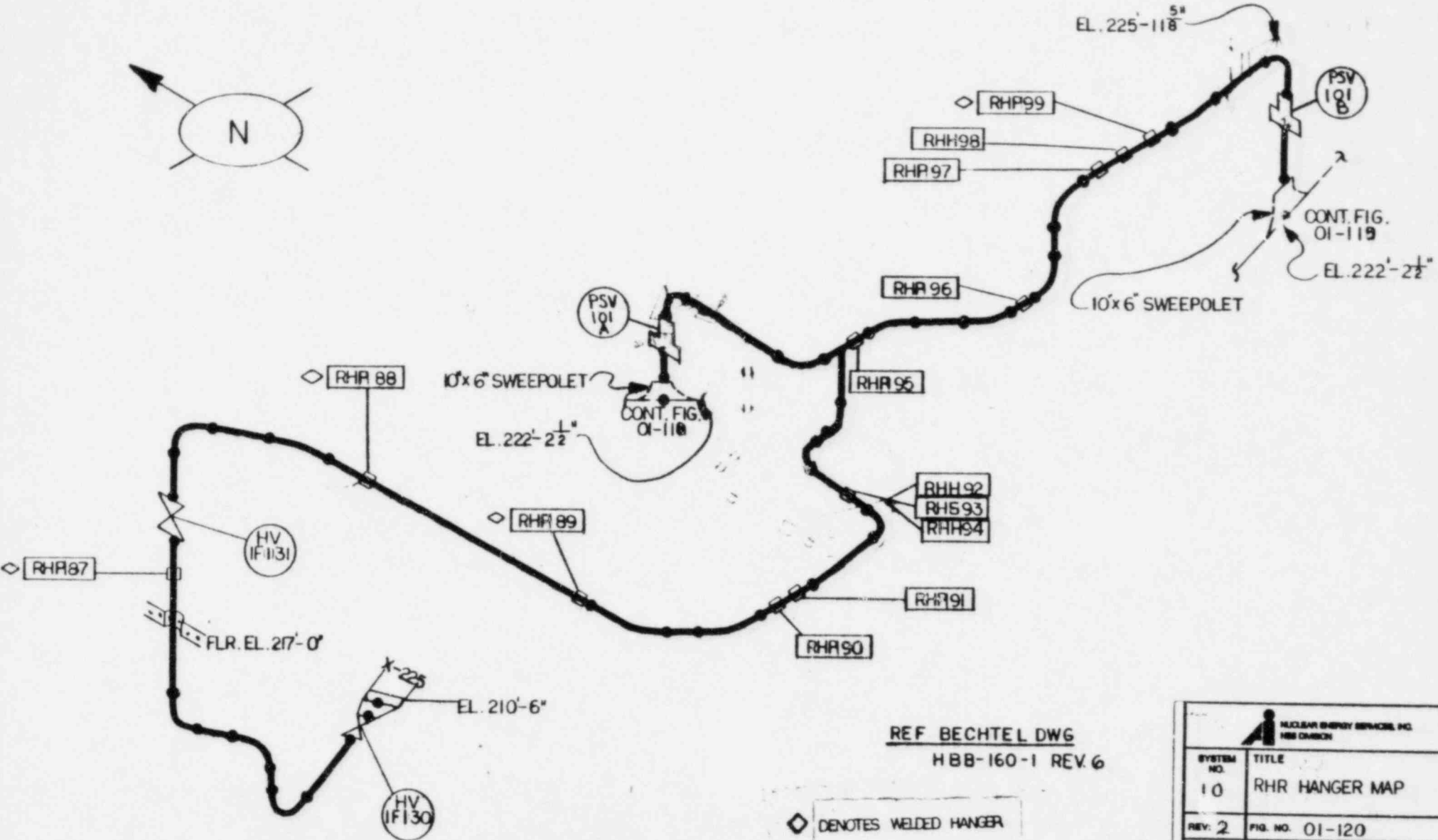
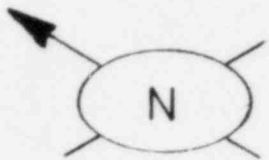
SYSTEM NO. 10	TITLE RHR HANGER MAP
REV: 2	FIG. NO. 01-118
BY: <i>JEP</i>	DATE: 9-2-82
APP: <i>CJR</i>	DATE: 12 JUL
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	



REF. BECHTEL DWG.
HBB-140-2 REV.9

◊ DENOTES WELDED HANGER

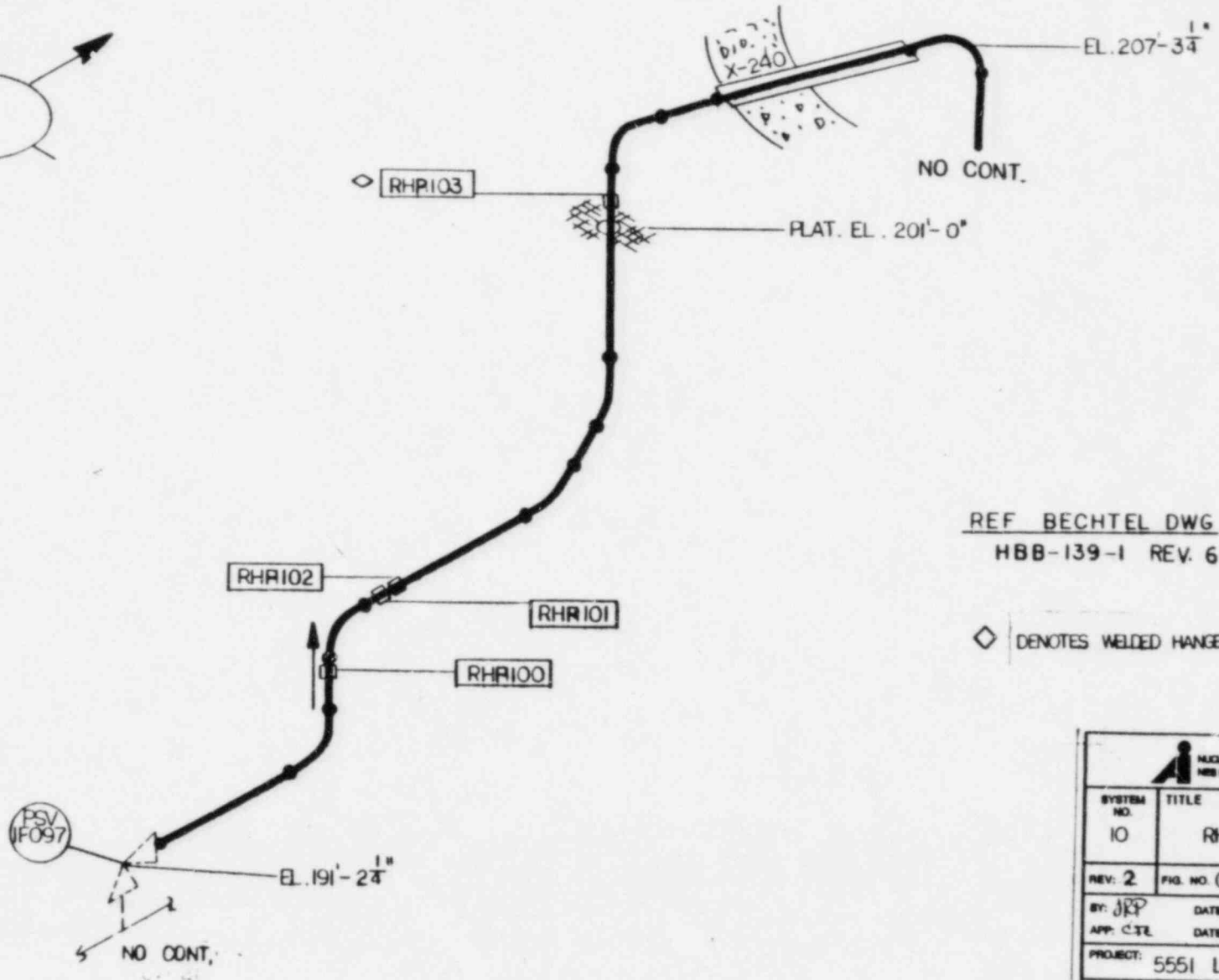
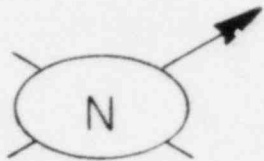
 NUCLEAR ENERGY SERVICE CO. HEB DIVISION	
SYSTEM NO. 10	TITLE RHR HANGER MAP
REV: 2	FIG. NO. 01-119
BY: JRP APP: CSR	DATE: 7-2-82 DATE: 12 JUL
PROJECT: 5551 LIMERICK UNIT I	
HEB 112	NOT TO SCALE



REF BECHTEL DWG
HBB-160-1 REV. 6


◇ DENOTES WELDED HANGER

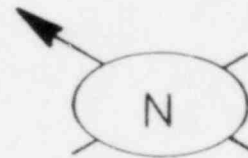
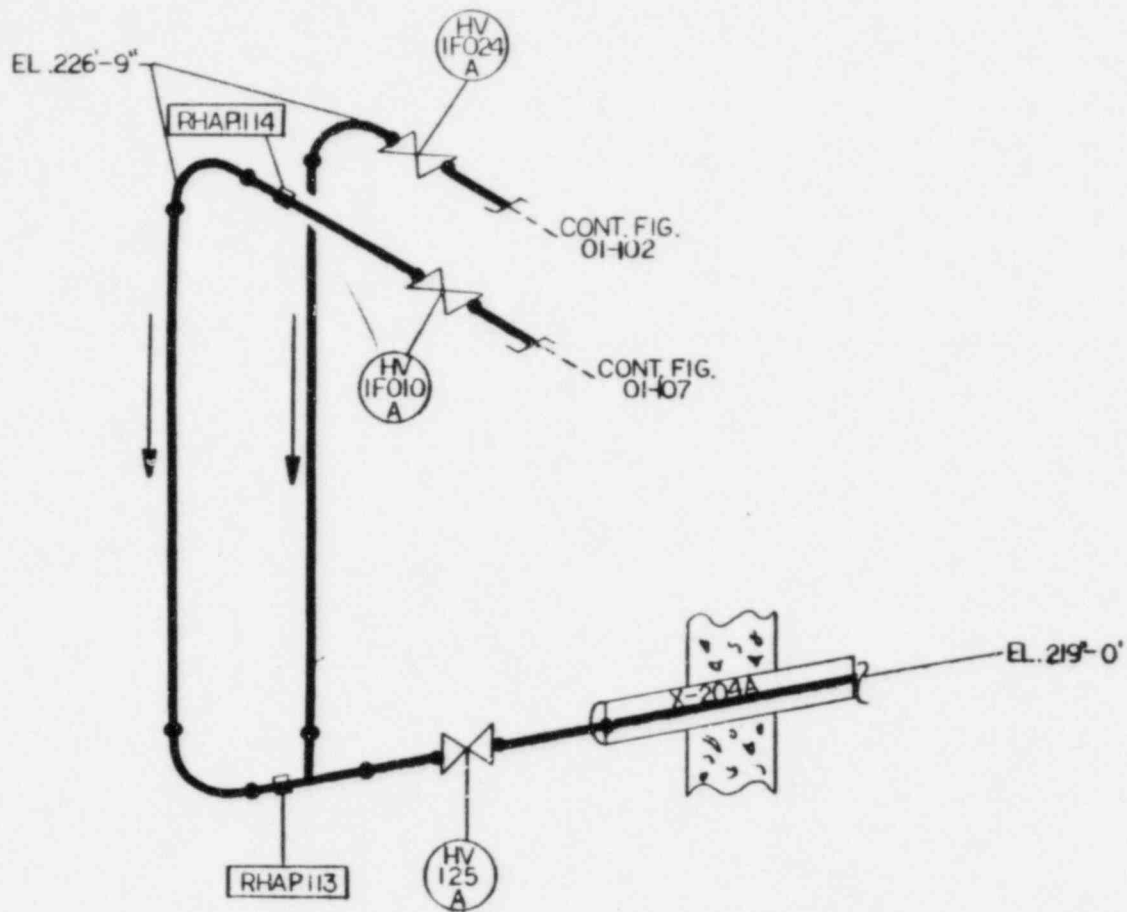
SYSTEM NO. 10	TITLE RHR HANGER MAP
REV: 2	FIG. NO. 01-120
BY: JEP	DATE: 7-2-82
APP: CST	DATE: 12-2-82
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	
NES 112	




REF BECHTEL DWG
HBB-139-1 REV. 6

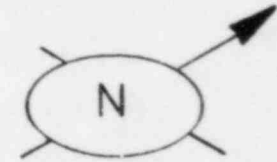
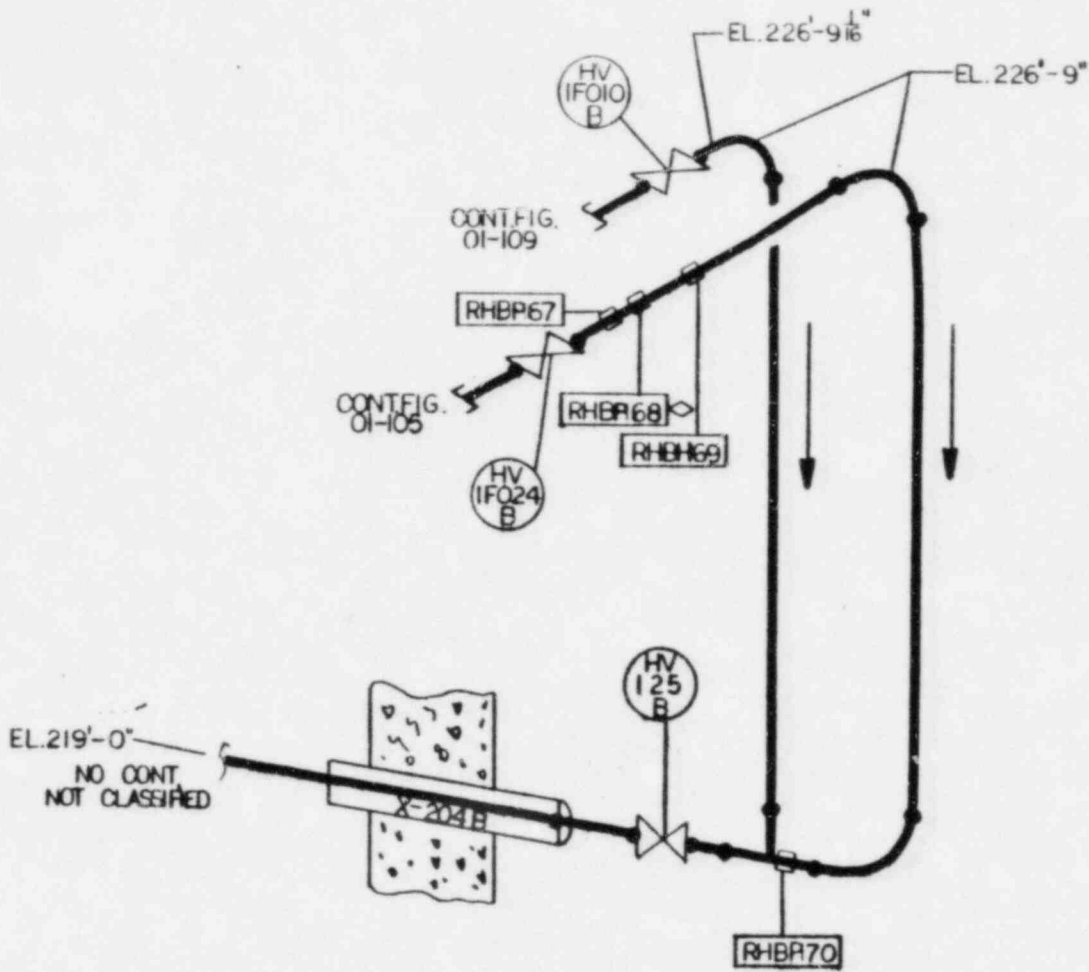
◇ DENOTES WELDED HANGER

 NUCLEAR ENERGY SERVICES, INC. HES DIVISION	
SYSTEM NO. 10	TITLE RHR HANGER MAP
REV: 2	FIG. NO. 01-121
BY: JRP APP: CTE	DATE: 7-2-82 DATE: 12 JAN 79
PROJECT: 5551 LIMERICK UNIT 1	
HES 112	NOT TO SCALE



REF BECHTEL DWG
 GBB-108-1 REV.1

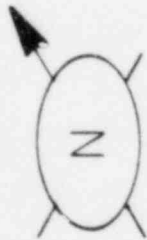
 NUCLEAR ENERGY SERVICES, INC. NES DIVISION	
SYSTEM NO.	TITLE
10	RHR HANGER MAP
REV: 2	FIG. NO. 01-122
BY: JEP	DATE: 7-2-82
APP: PFE	DATE: 12-5-82
PROJECT: 5551 LIMERICK UNIT 1	
NES 112	NOT TO SCALE



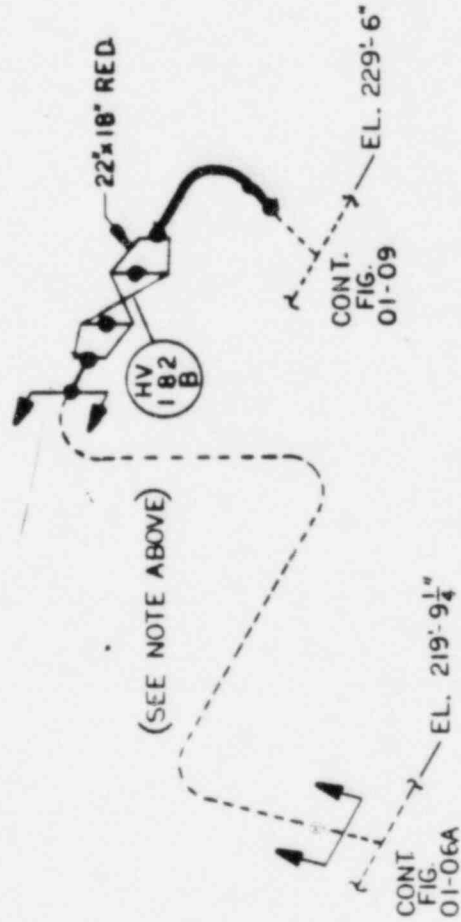
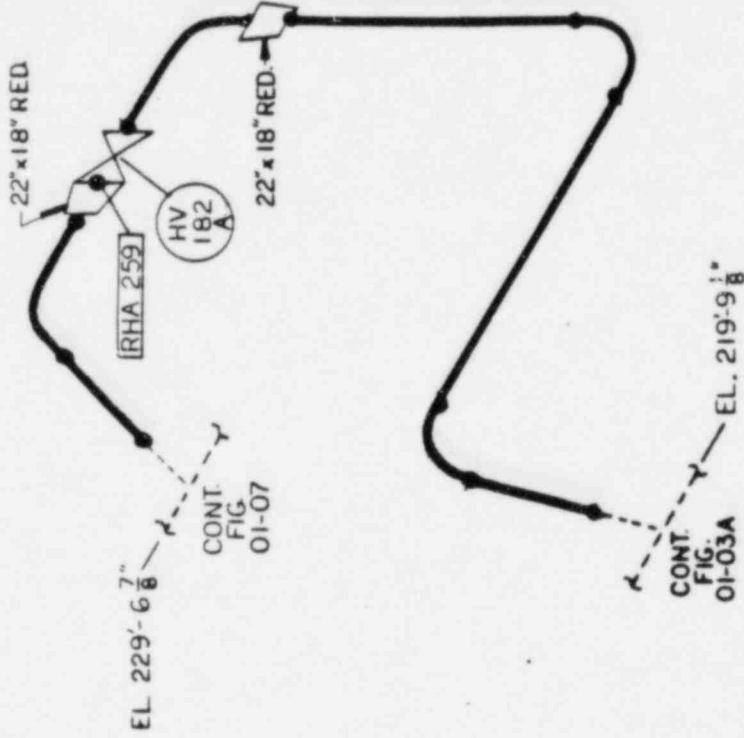
REF. BECHTEL DWG.
GBB-108-2 REV. 9

◇ DENOTES WELDED HANGER

SYSTEM NO. 10	TITLE RHR HANGER MAP
REV: 2	FIG. NO. 01-123
BY: JRP APP: CS	DATE: 7-2-82 DATE: 11/24
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	
NES 112	

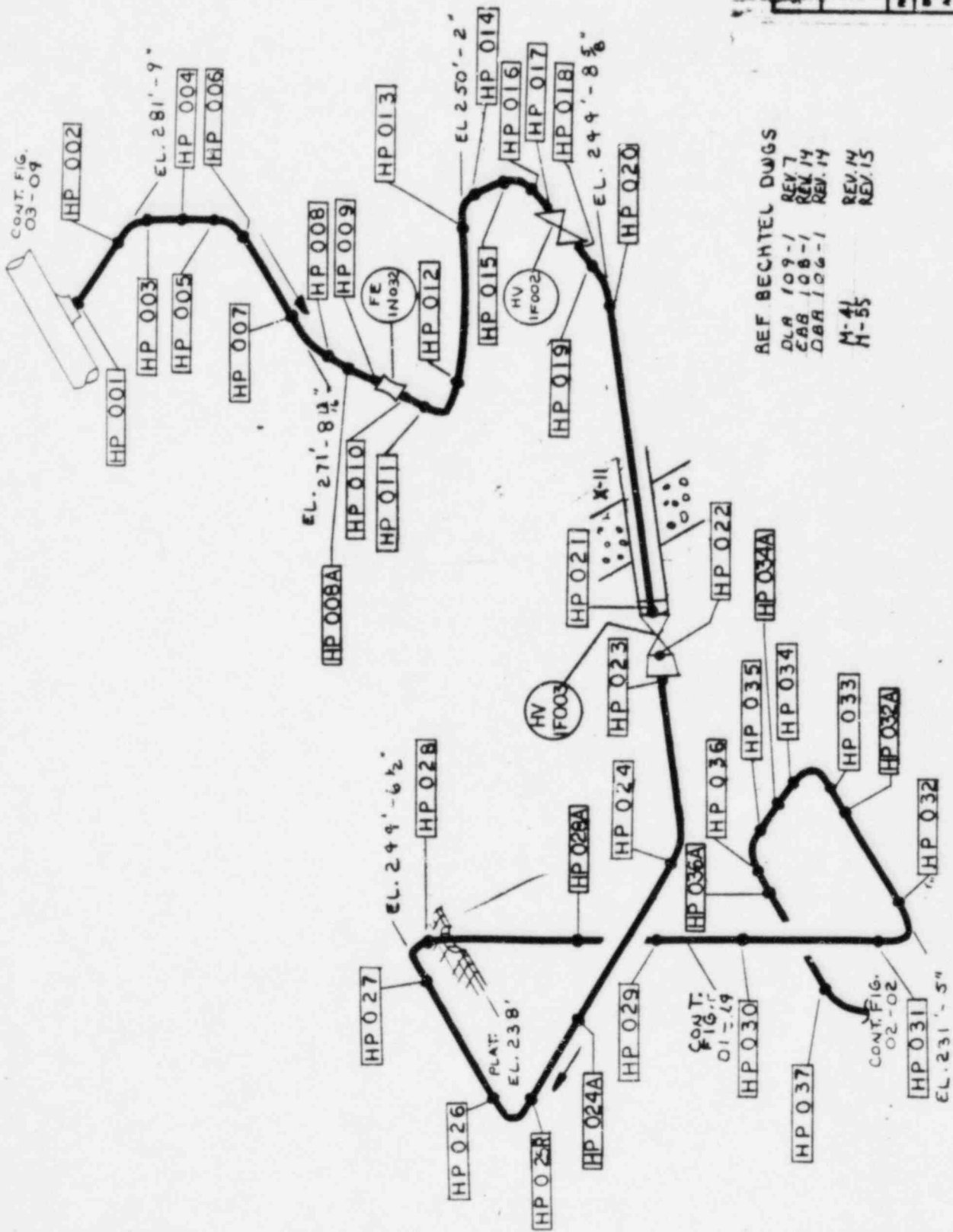


NOTE: DO TO LACK OF INFORMATION, THE HIDDEN LINE PIPING SHOWN BELOW IS INCOMPLETE.



REF. BECHTEL DWGS.
 GBB-119-11 REV 4
 FSK, GBB-102-4 SHT. 2 REV 3
 M-51 SHTS. 112 REV 16

SYSTEM NO.	TITLE
10	RHR HAXER MAP
REV: 0	FIG. NO. 01-126
BY: JPP	DATE: 7-88
APP: LJT	DATE: 9 JUN 88
PROJECT: 5551 LIMERICK UNIT I	



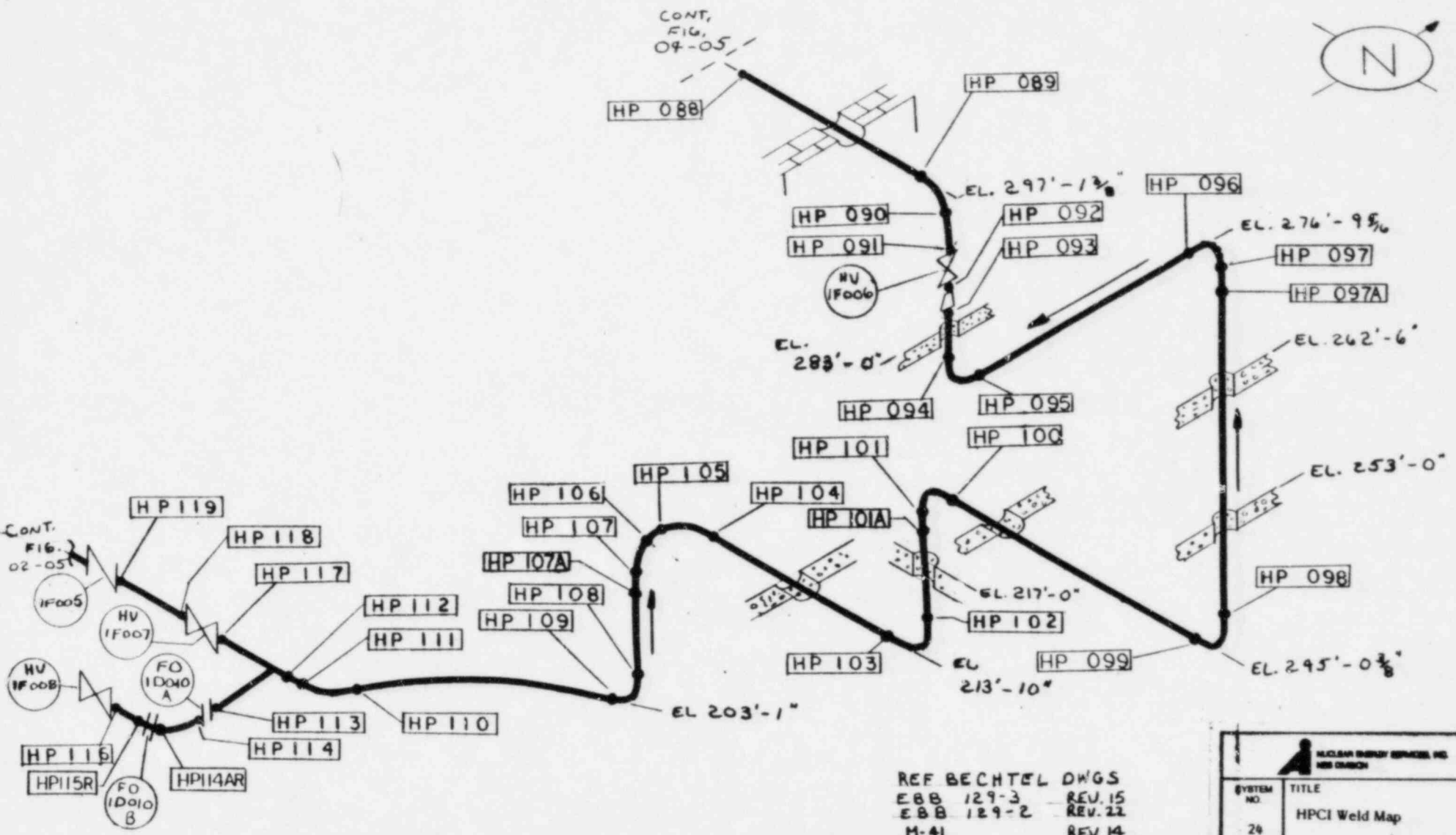
REF BECHTEL DWGS
 DLR 109-1 REV 7
 CAS 108-1 REV 14
 DBR 106-1 REV 14
 M-4
 H-55
 REV. 14
 REV. 15

SYSTEM NO.	24
TITLE	HPCI Weld Map
REV. NO.	2
FIG. NO.	02-01
DATE	5/27/92
DATE	9 JUL 92
PROJECT	5531 Limerick Unit 1
DESIGN	NOT TO SCALE



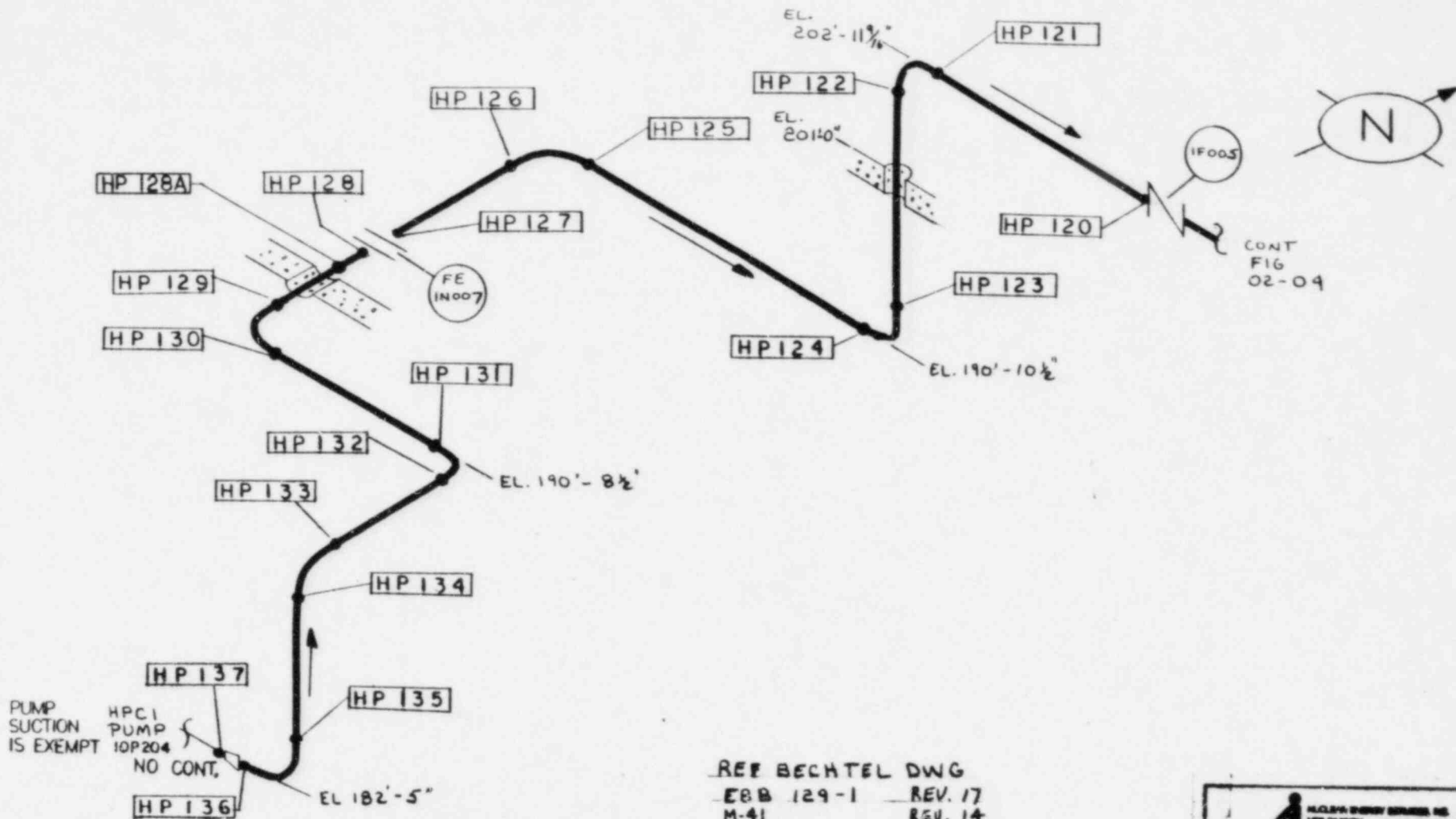
CONT.
FIG.
04-05

CONT.
FIG.
02-05

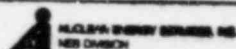


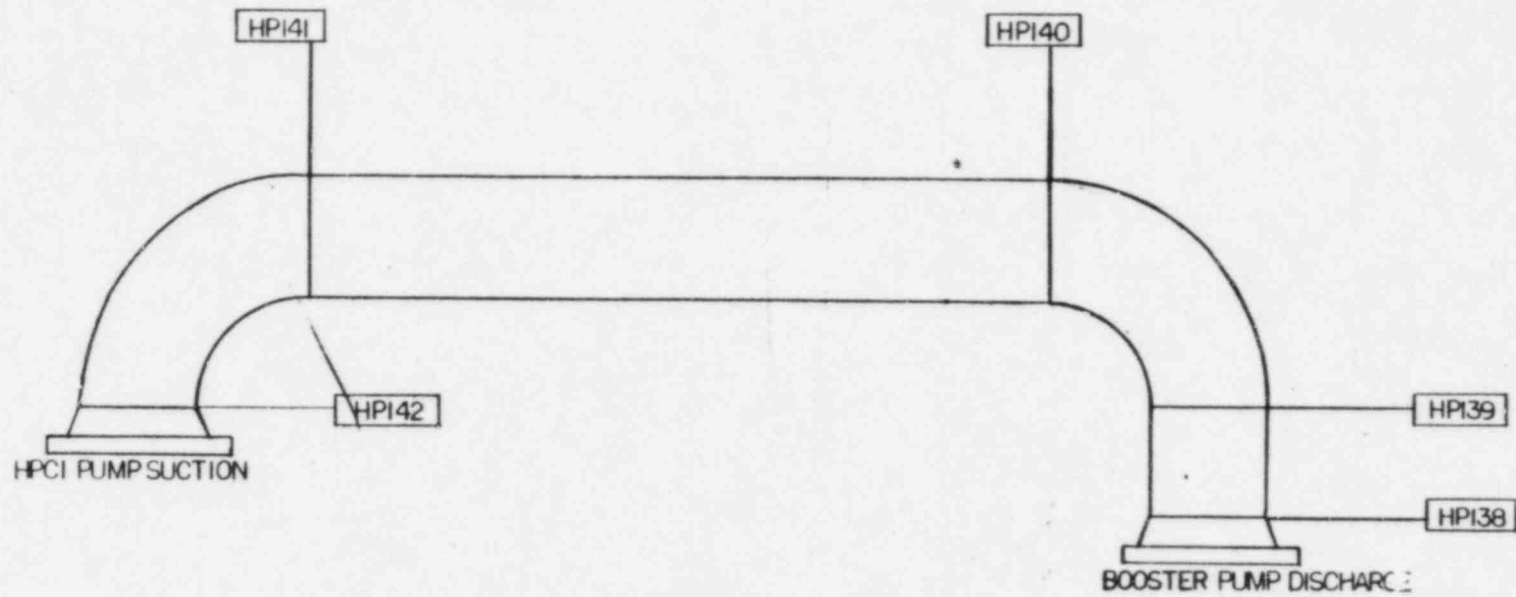
REF BECHTEL DWGS
 EBB 129-3 REV. 15
 EBB 129-2 REV. 22
 M-41 REV. 14
 M-55 REV. 15

SYSTEM NO. 24	TITLE HPCI Weld Map
REV. 2	FIG. NO. 02-04
BY: TEW APP: CR	DATE: 5/27/82 DATE: 9/30/81
PROJECT: 5551 Limerick Unit 1	
NES 112	NOT TO SCALE



REF BECHTEL DWG
 EBB 129-1 REV. 17
 M-41 REV. 14
 M-55 REV. 15

	
SYSTEM NO. 24	TITLE HPCI Weld Map
REV. 1	FIG. NO. 02-05
BY TEW APP. C.32	DATE: 5/27/82 DATE: 3 JUL 82
PROJECT: 5551 Limerick Unit 1	
NOT TO SCALE	
NES 112	




REF DRAWING

BYRON JACKSON DWG NO. 310556

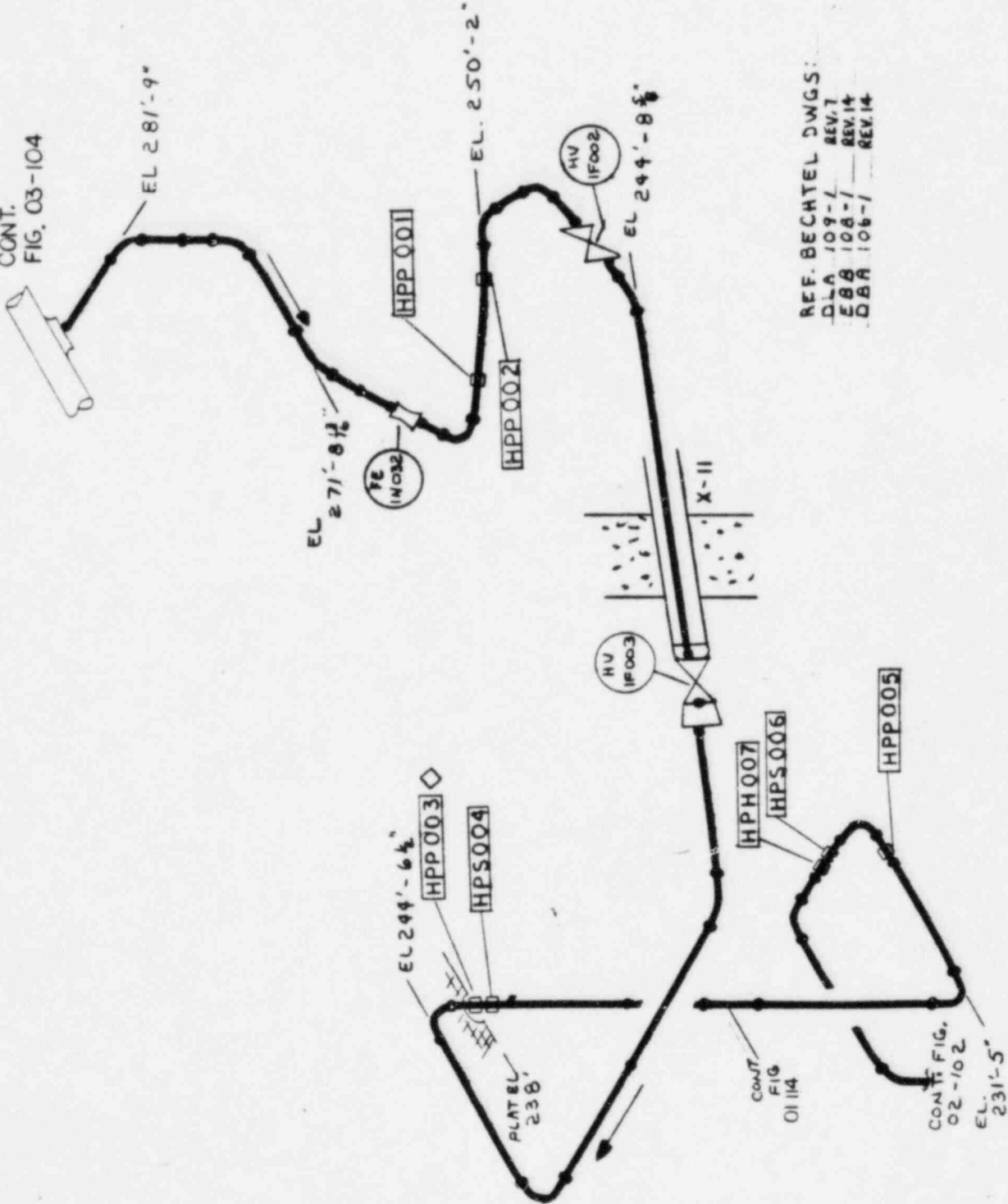
M-56

REV. 12

 NUCLEAR ENERGY SERVICES, INC. M&E DIVISION	
SYSTEM NO. 24	TITLE HPCI PUMP INTERCONNECT PIPE
REV: 1	FIG. NO. 02-06
BY: TEW APP: CR	DATE: 5/2/02 DATE: 9 JUL 81
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	

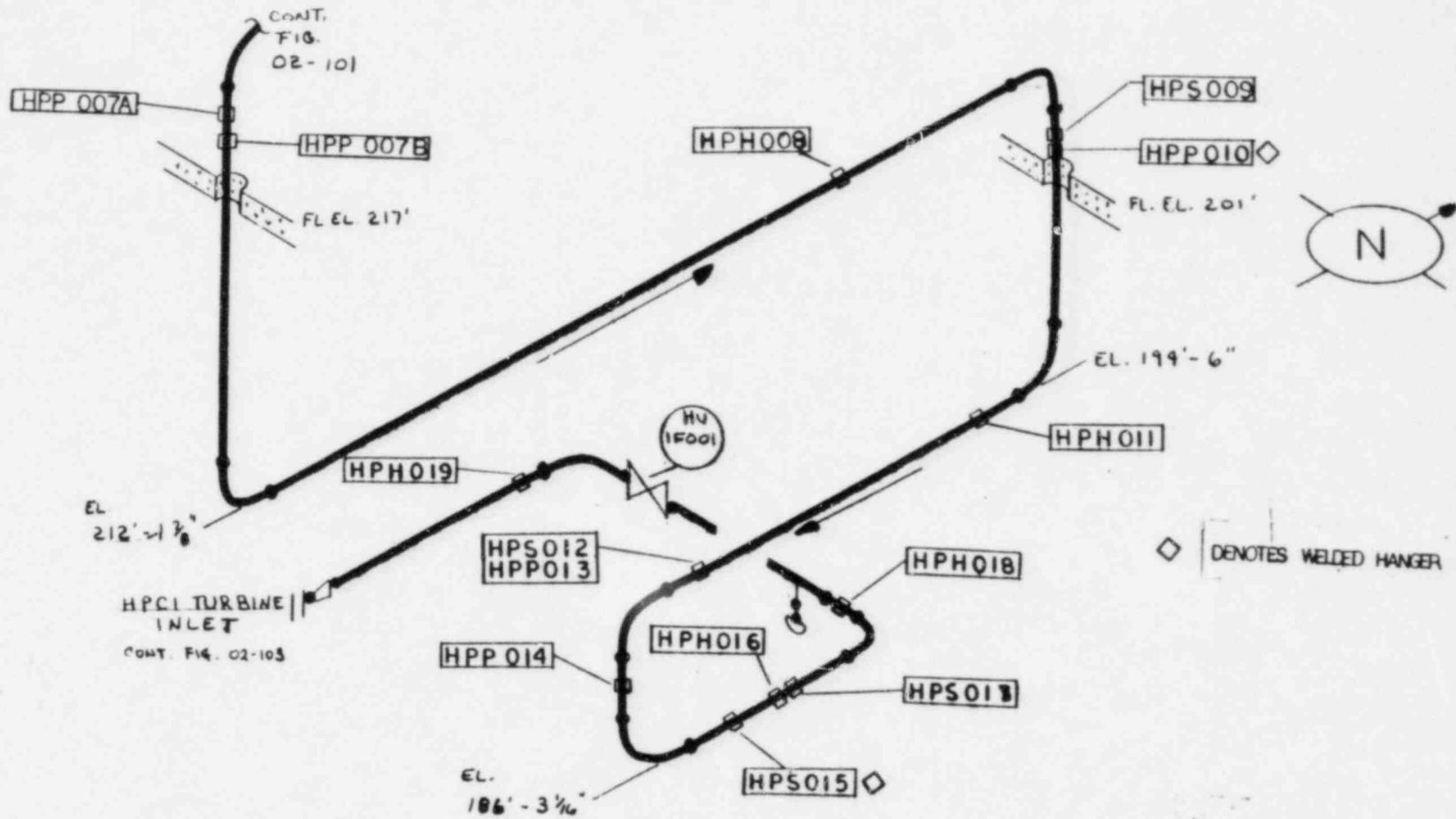


CONT.
FIG. 03-104



DLA 109-1 REV. 7
 EBB 108-1 REV. 14
 DBA 106-1 REV. 14

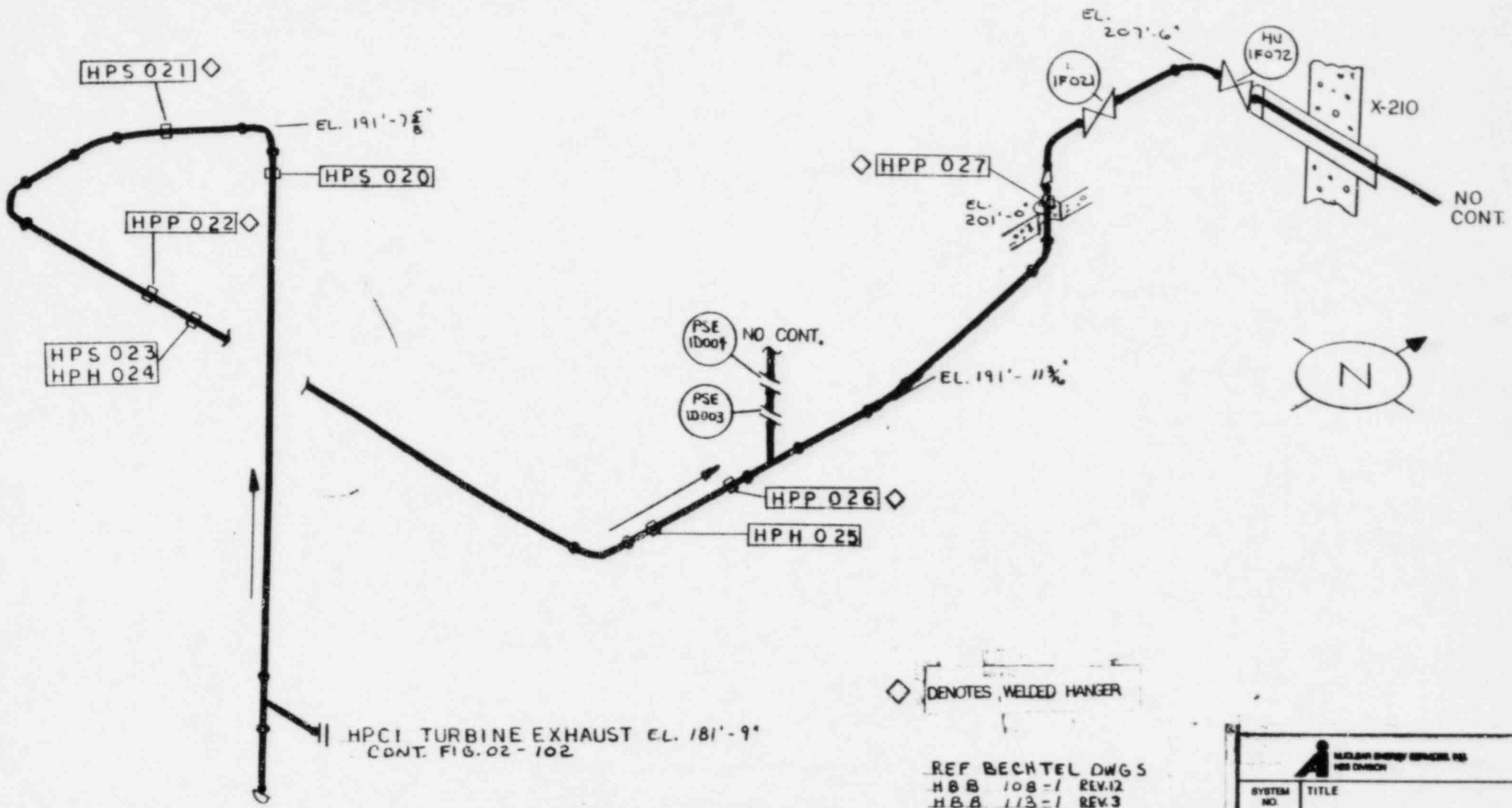
SYSTEM NO.	24
TITLE	HPCI Hanger Map
REV. NO.	2
FIG. NO.	02-101
BY	JBP
DATE	7/2/84
APP. CTR.	DATE: 12/13/84
PROJECT	5551 Limerick Unit 1
DES. 112	NOT TO SCALE



HPCI TURBINE
INLET
CONT. FIG. 02-103

REF BECHTEL DWG
EBB 108-2 REV.16

NUCLEAR ENERGY SERVICES, INC. NEW BRUNSWICK	
SYSTEM NO. 24	TITLE HPCI Hanger Map
REV: 2	FIG. NO. 02-102
BY: JPP APP: CTE	DATE: 7-2-82 DATE: 12-24-82
PROJECT: 5551 Limerick Unit 1	
NOT TO SCALE	

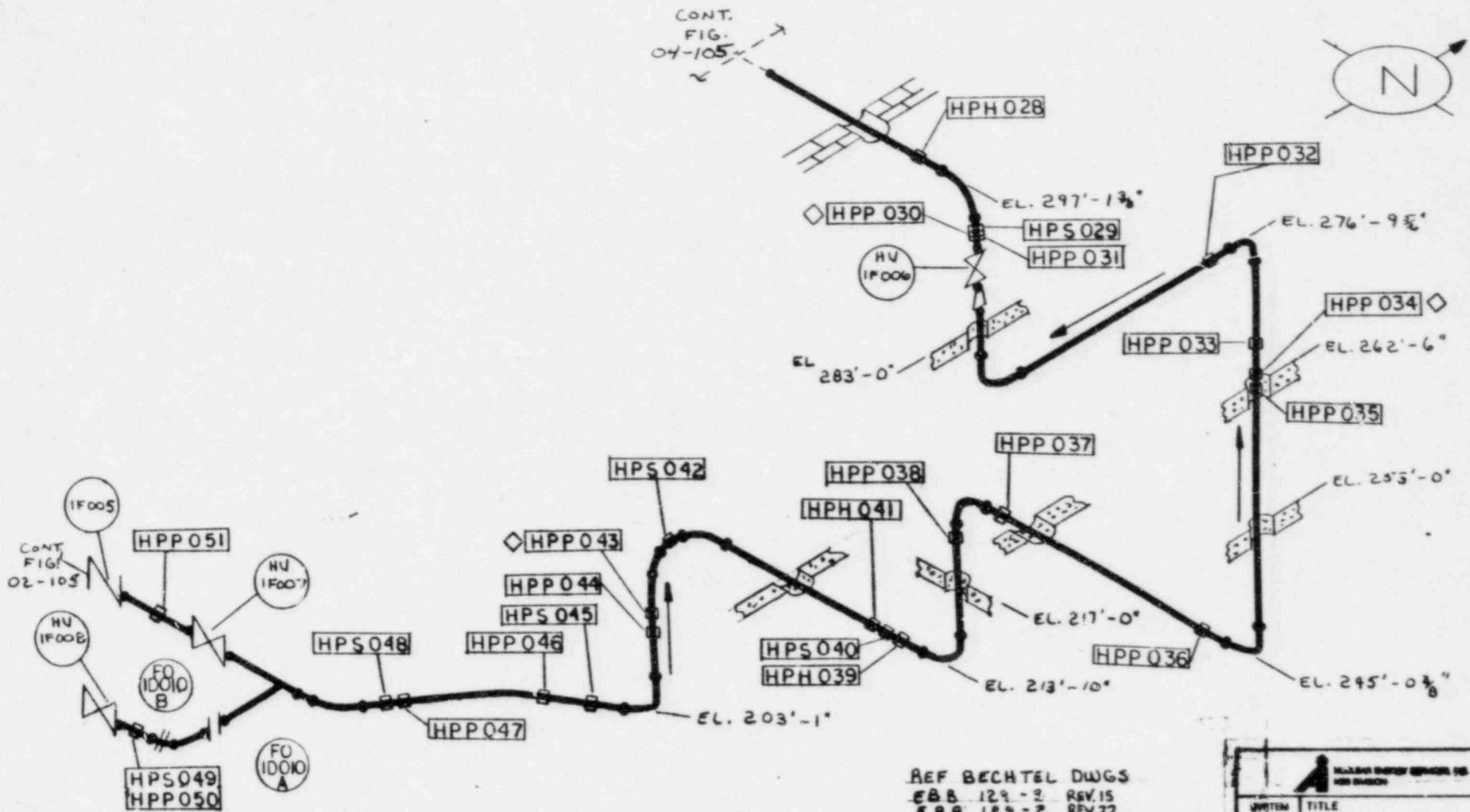


HPCI TURBINE EXHAUST EL. 181'-9"
CONT. FIG. 02-102

◇ DENOTES WELDED HANGER


REF BECHTEL DWGS
HBB 108-1 REV.12
HBB 113-1 REV.3

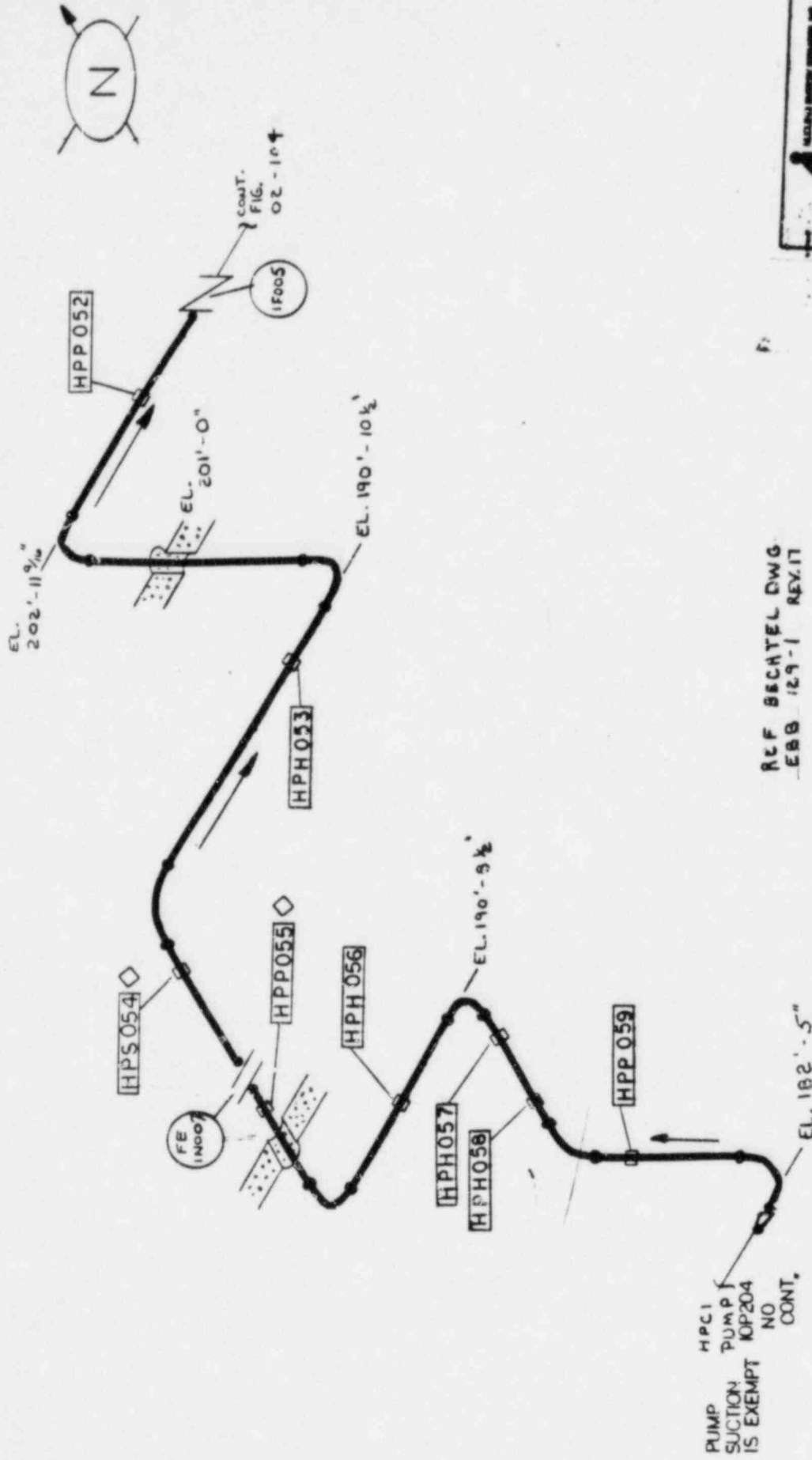
SYSTEM NO. 24	TITLE HPCI Hanger Map
REV: 2	FIG. NO. 02-103
BY: JRP	DATE: 7-2-82
APP. C.72	DATE: 11-24-82
PROJECT: 5551 Limerick Unit I	
NES 112	NOT TO SCALE



REF BECHTEL DWGS
 EBB 129-2 REV.15
 EBB 129-2 REV.22

◇ DENOTES WELDED HANGER

 MILLER ENERGY SERVICES INC NEW BRUNSWICK	
SYSTEM NO. 24	TITLE HPCI Hanger Map
REV. J	FIG. NO. 02-104
BY: JEP	DATE: 7-28-82
APP: CFX	DATE: 12-74
PROJECT: 5551 Americk Unit I	
NOT TO SCALE	



SYSTEM NO.	24
TITLE	HPCI Hanger Map
REV. 1	FIG. NO. 02-103
DATE	7-2-62
APP. C.E.L.	DATE B.T.L.
PROJECT	5551 Limerick Unit 1
NO. 112	NOT TO SCALE

RLF BECHTEL DWG
 EBB 129-1 REV.17

◇ DENOTES WELDED HANGER

HPCI
 PUMP
 SUCCTION
 IS EXEMPT
 NO.
 CONT.

FE INDOOR

CONT. FIG. 02-104

HPP052

1F005

EL. 201'-0"

EL. 190'-10 1/2'

HPH053

HPS054

HPP055

HPH056

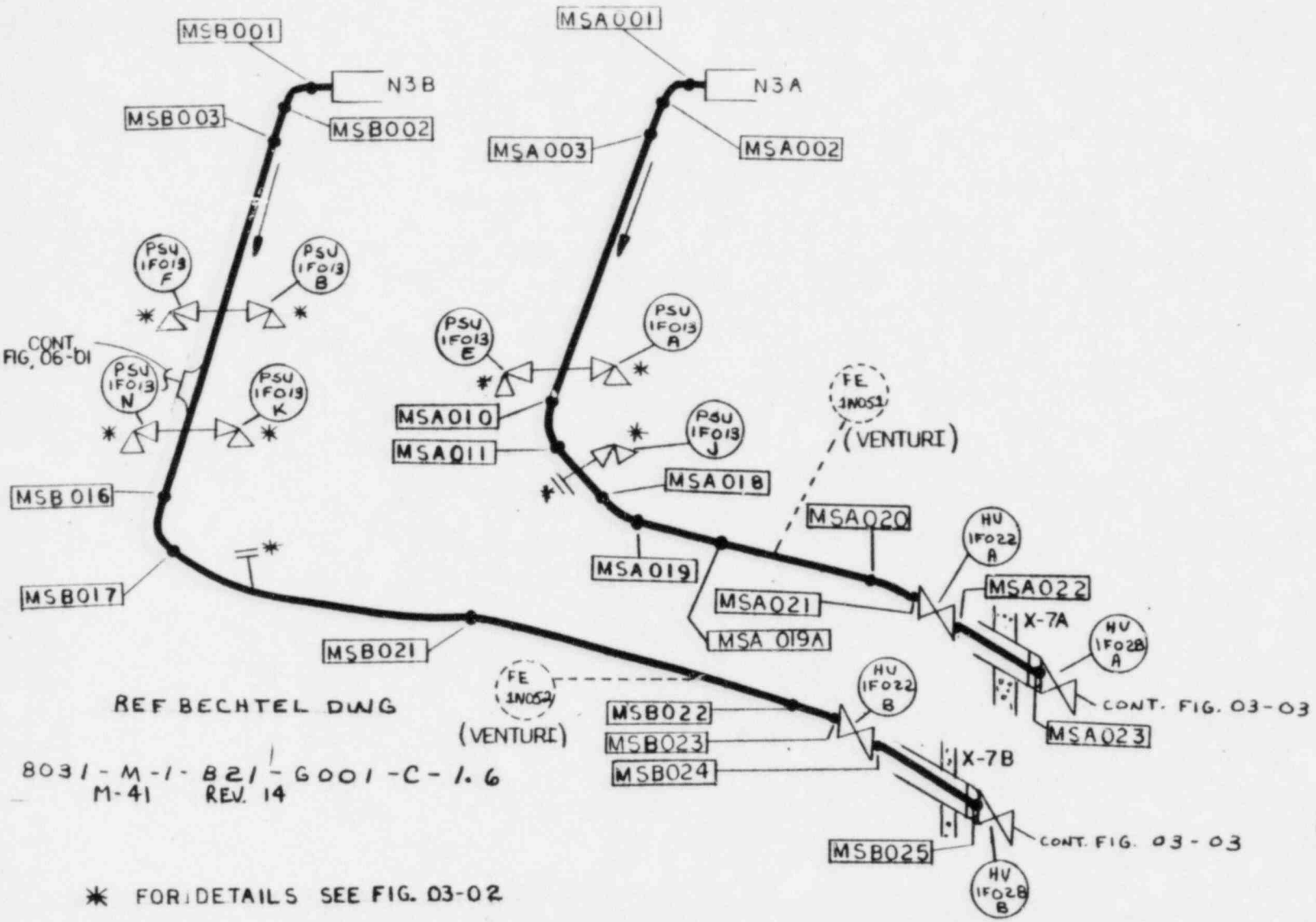
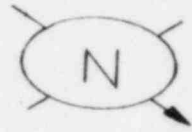
HPH057

HPH058

HPP059

EL. 182'-5"

EL. 190'-9 1/2'



CONT. FIG. 06-01

CONT. FIG. 03-03

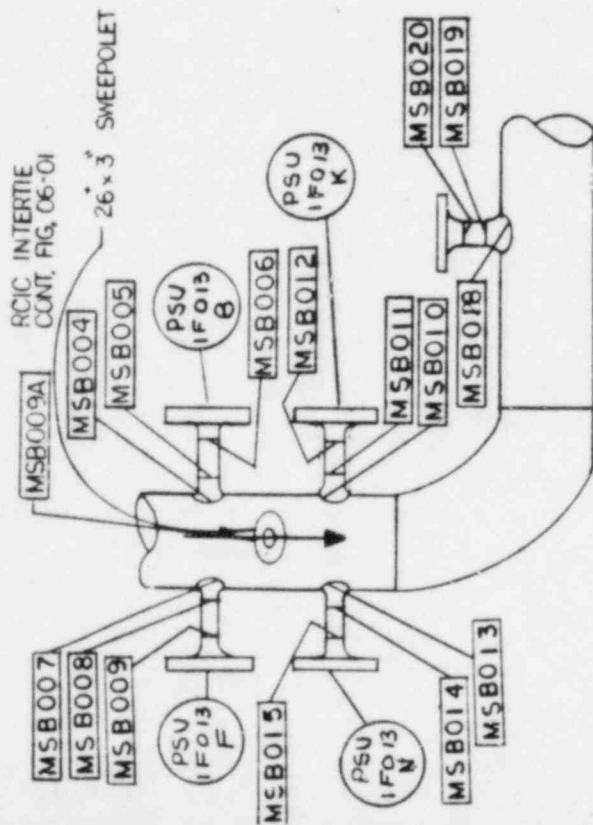
CONT. FIG. 03-03

REF BECHTEL DWG

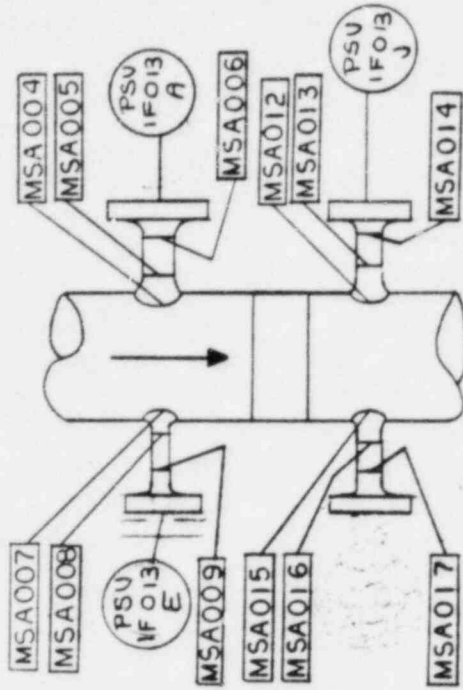
8031-M-1-B21-G001-C-1.6
M-41 REV. 14

* FOR DETAILS SEE FIG. 03-02

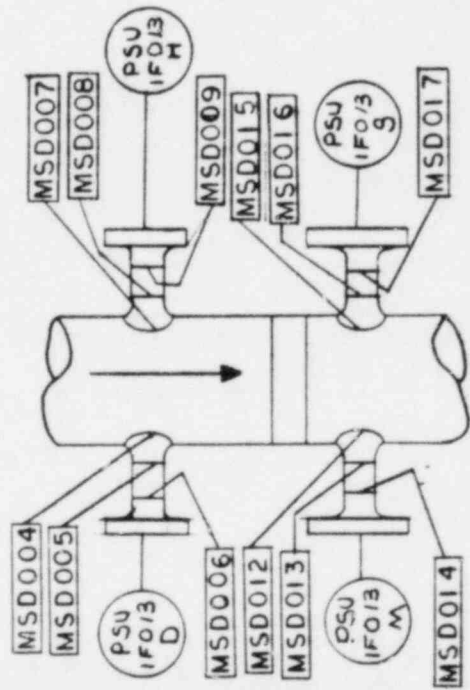
SYSTEM NO. 01	TITLE Main Steam Lines A & B Weld Map
REV 2	FIG. NO. 03-01
BY: TEW	DATE: 5/21/82
APP: CJE	DATE: PTA 82
PROJECT: 5551-Limerick Unit 1	
NES 112	NOT TO SCALE



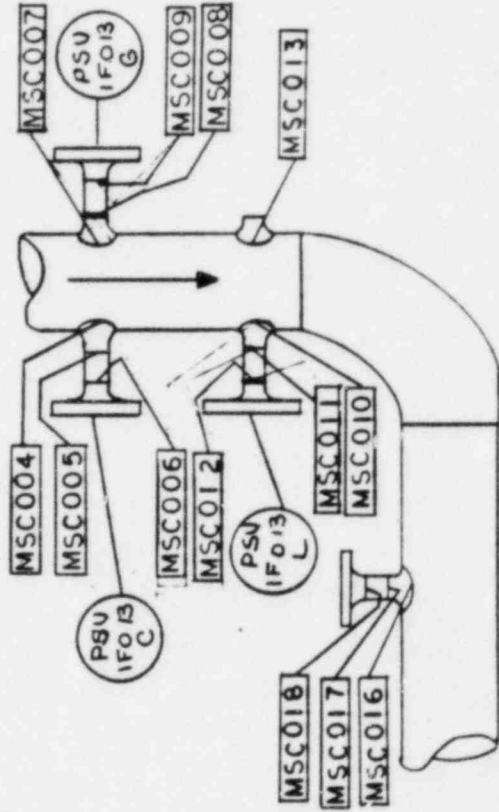
STEAM LINE B



STEAM LINE A



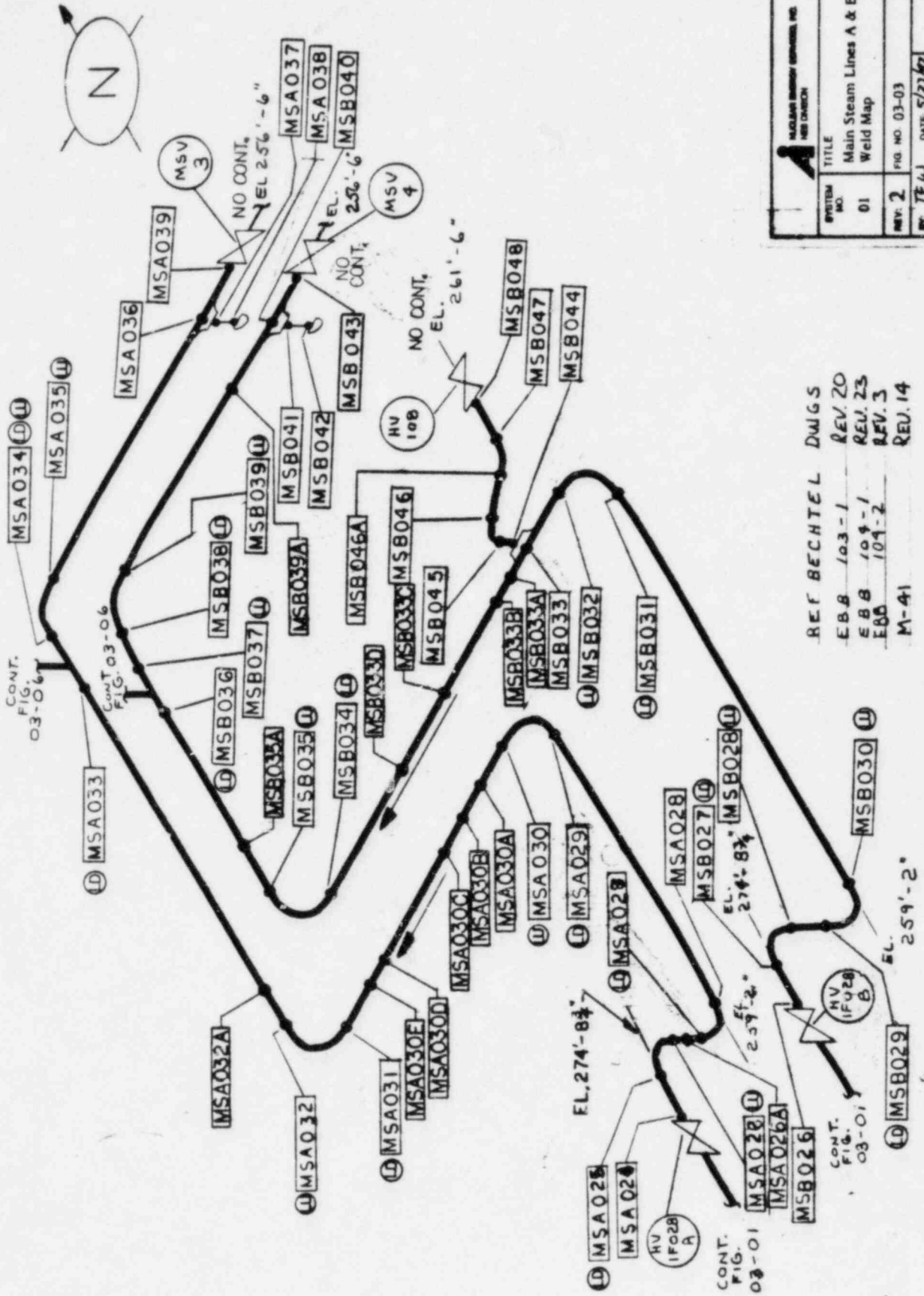
STEAM LINE D



STEAM LINE C

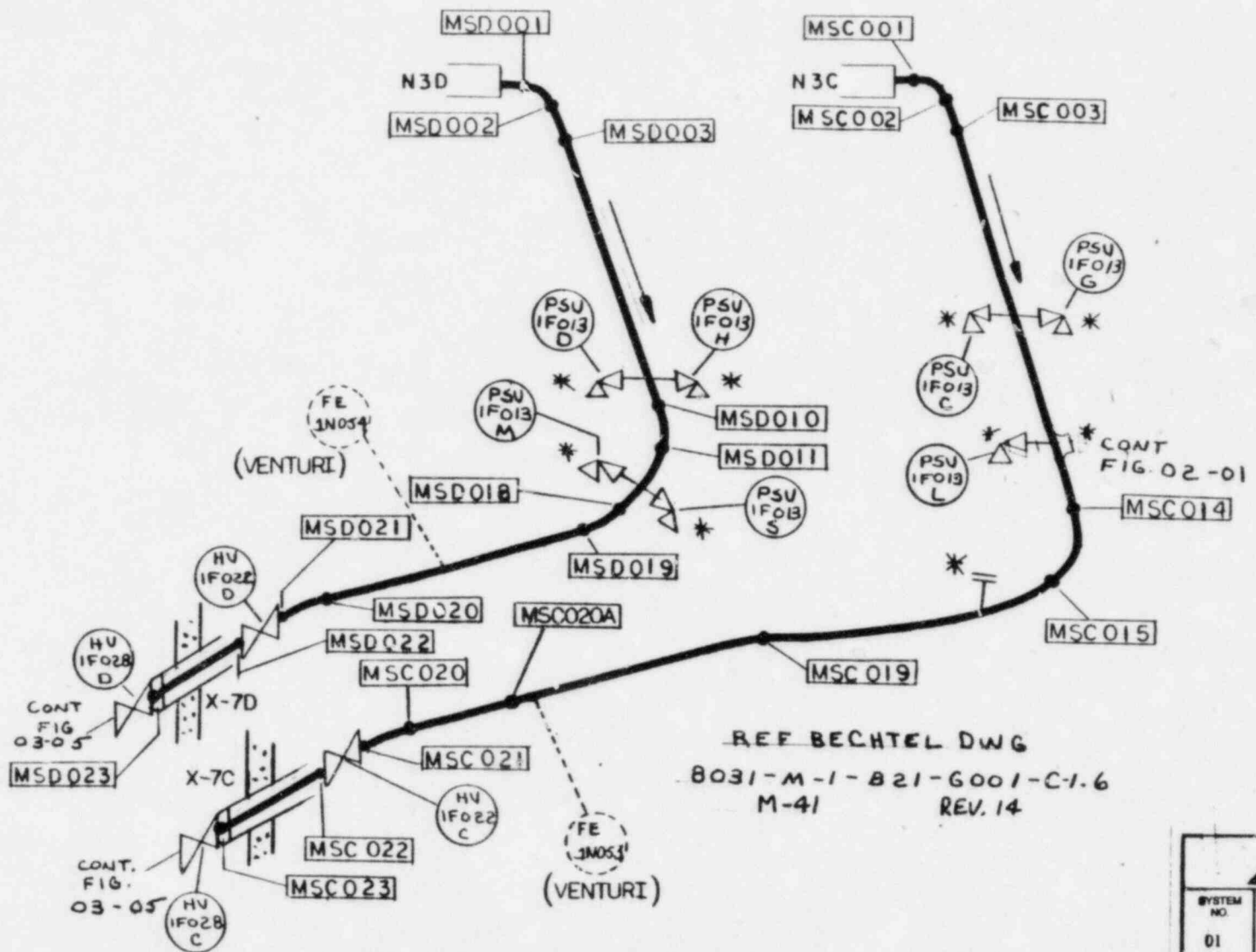
REF. BECHTEL DWG
 8021
 BWR P D - 1MS-1
 M-41 REU.14

TITLE	Main Steam Relief Valves Weld Maps
SYSTEM NO.	01
REV.	1
FIG. NO.	03-02
BY:	TEJ
DATE:	5/22/82
APP. CR.	DATE 9/24/82
PROJECT:	5551-Limerick Unit 1
MS 112	* NOT TO SCALE



SYSTEM NO.	01
REV.	2
TITLE Main Stream Lines A & B Weld Map	
BY: TEWJ	DATE 5/27/62
APP: C.J.L.	DATE 9/23/60
PROJECT 5551-Limerick Unit I	
FIG. NO. 03-03	
NOT TO SCALE	

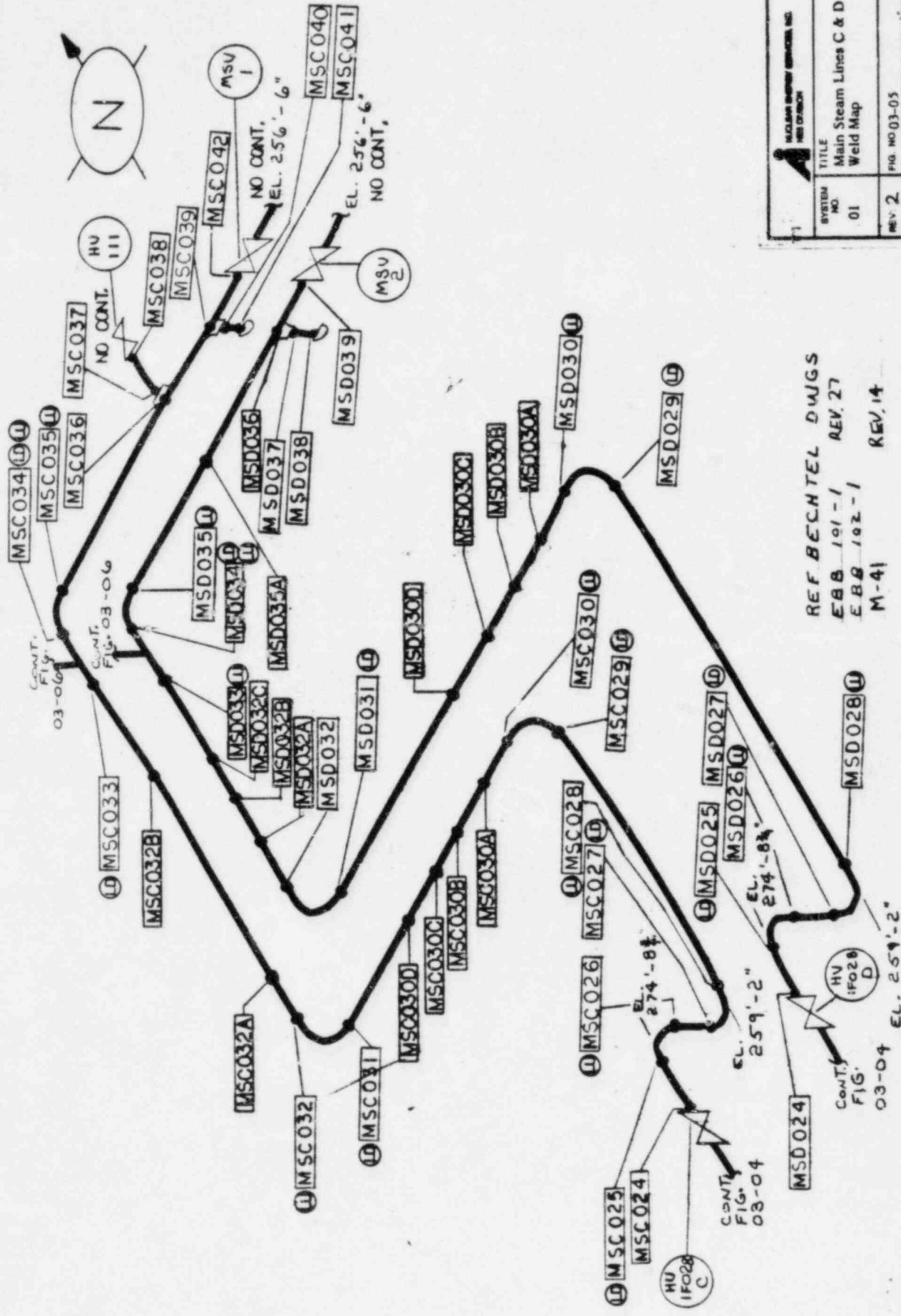
REF BECHTEL DWGS
 E.B.B 103-1 REV. 20
 E.B.B 104-1 REV. 23
 E.B.B 104-2 REV. 3
 M-41 REV. 14



REF BECHTEL DWG
 8031-M-1-B21-6001-C-1.6
 M-41 REV. 14

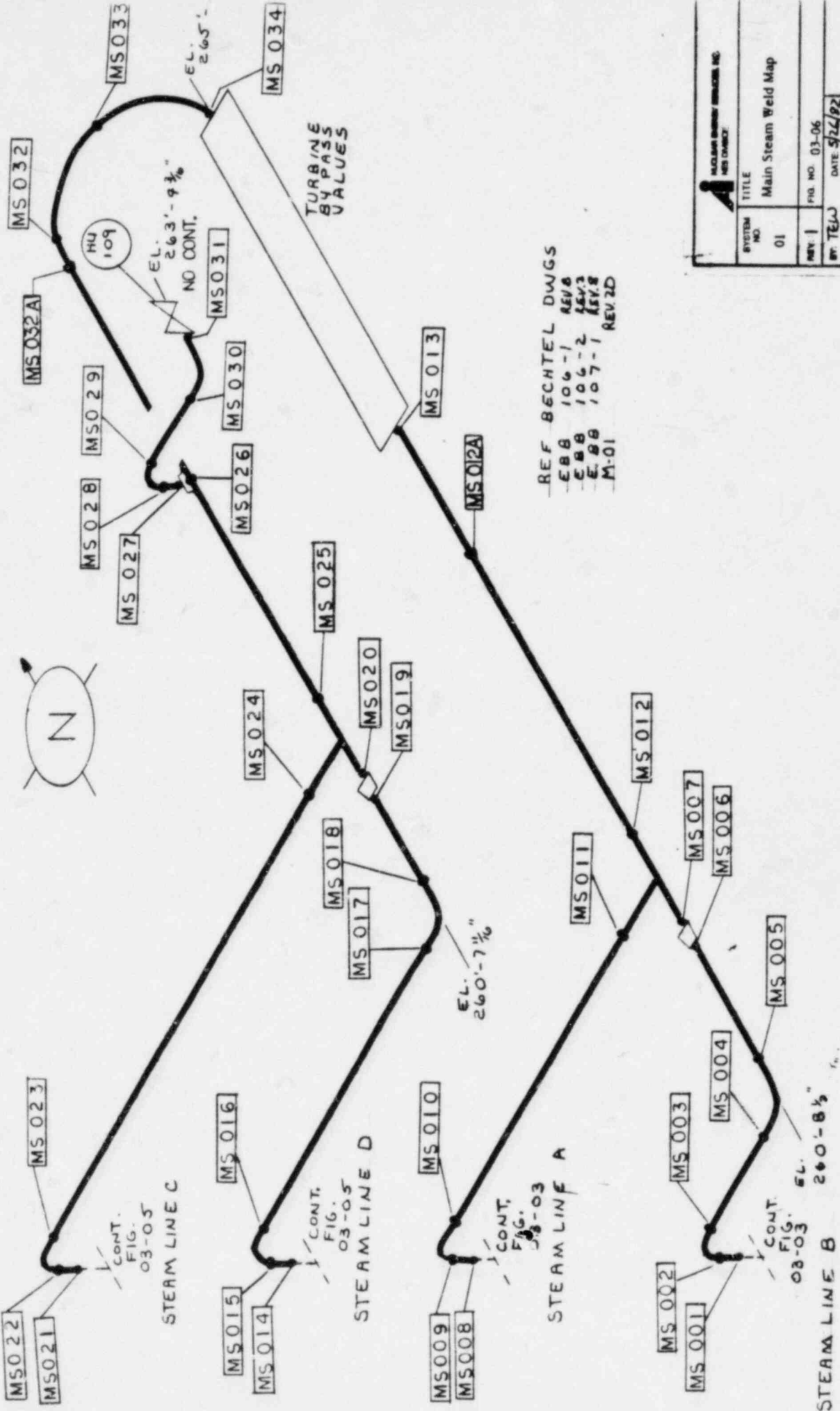
* FOR DETAILS SEE FIG.03-02

SYSTEM NO. 01	TITLE Main Steam Lines C & D Weld Map
REV. 1	FIG. NO. 03-04
BY: TEW APP: CTC	DATE: 5/27/82 DATE: 9 JUL 82
PROJECT: 5551-Limerick Unit 1	
NES 112	NOT TO SCALE



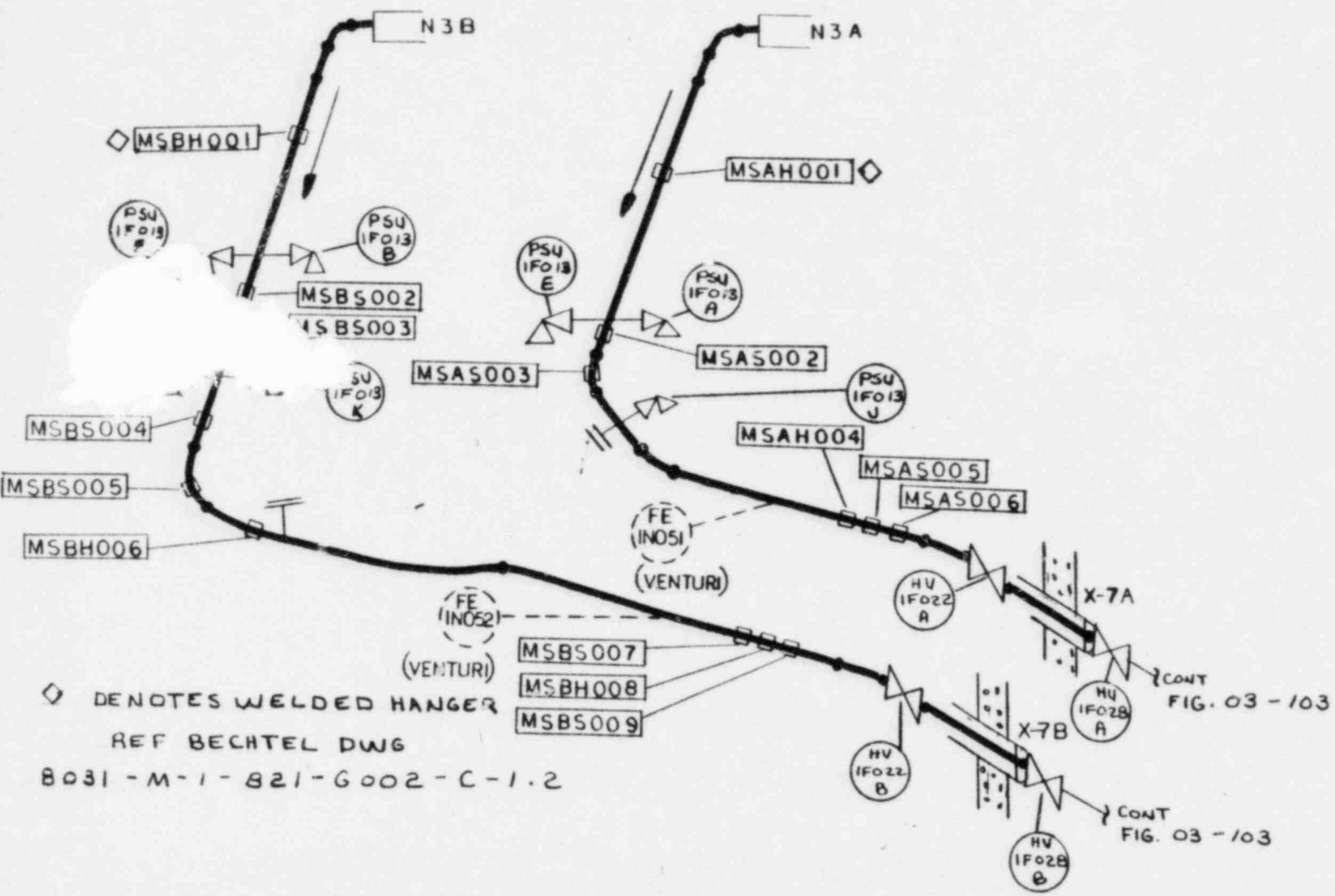
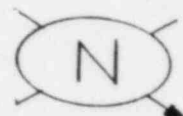
 HOBAS ENERGY SERVICES, INC. HES 112		TITLE Main Steam Lines C & D Weld Map	FIG. NO. 03-05 DATE 5/16/12 DATE 9 JUL 81
SYSTEM NO. 01	REV. 2	BY: TEW APP: CR	PROJECT: 5551-Limerick Unit 1
NOT TO SCALE			

REF BECHTEL DWGS
 EBB 101-1 REV. 27
 EBB 102-1
 M-41 REV. 14



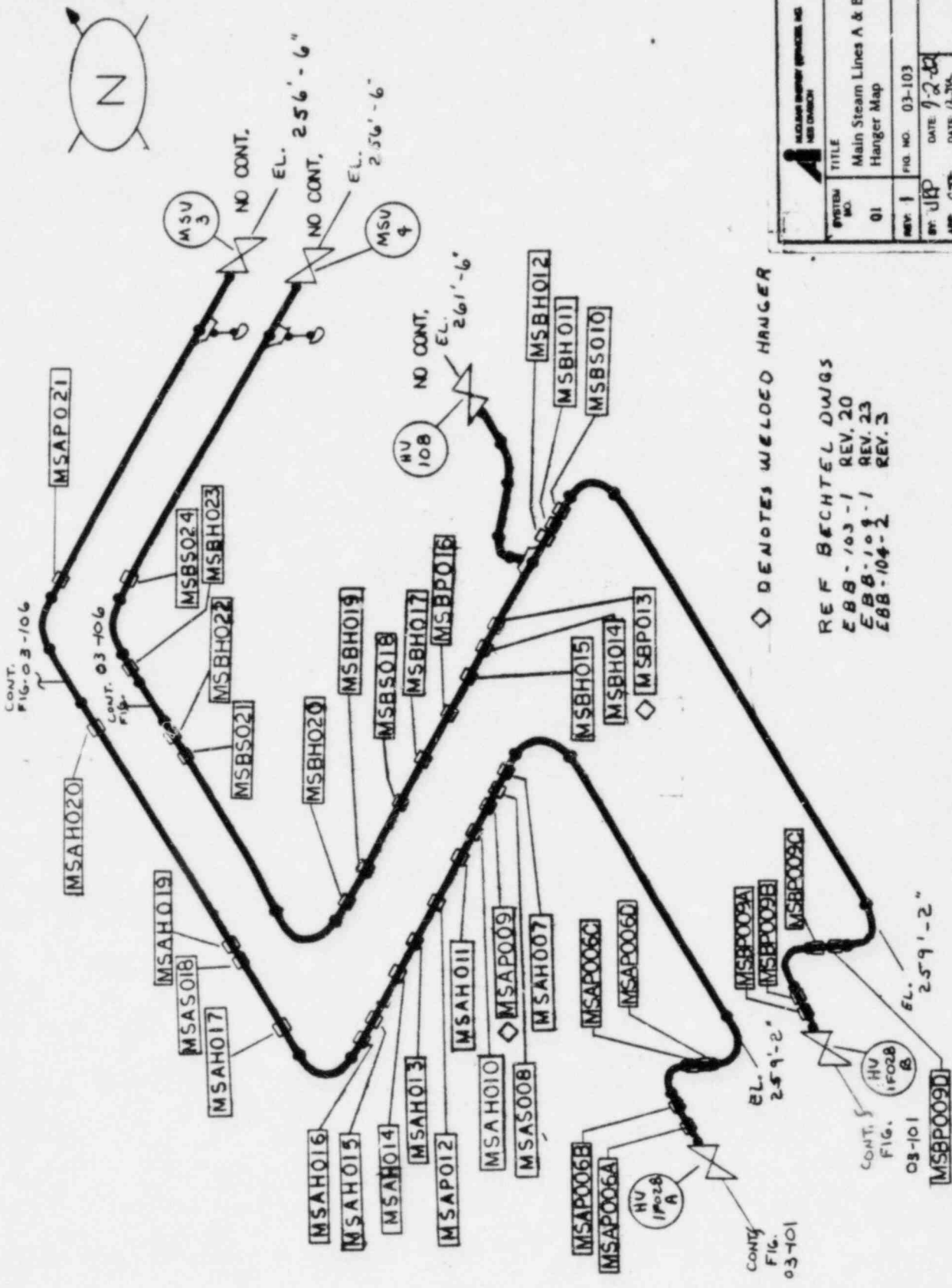
REF BECHTEL DWGS
 -EBB 106-1 REV B
 -EBB 106-2 REV 3
 -EBB 107-1 REV 2
 -M-01 REV 2D

HALDOR TOPSØE MS 0102	
SYSTEM NO	01
TITLE	Main Steam Weld Map
REV. 1	FIG. NO. 03-06
BY TELJ	DATE 5/24/82
APP. CTL	DATE 9/14/82
PROJECT	5551-Limerick Unit 1
MS 113	* NOT TO SCALE



◇ DENOTES WELDED HANGER
 REF BECHTEL DWG
 8031-M-1-821-6002-C-1.2

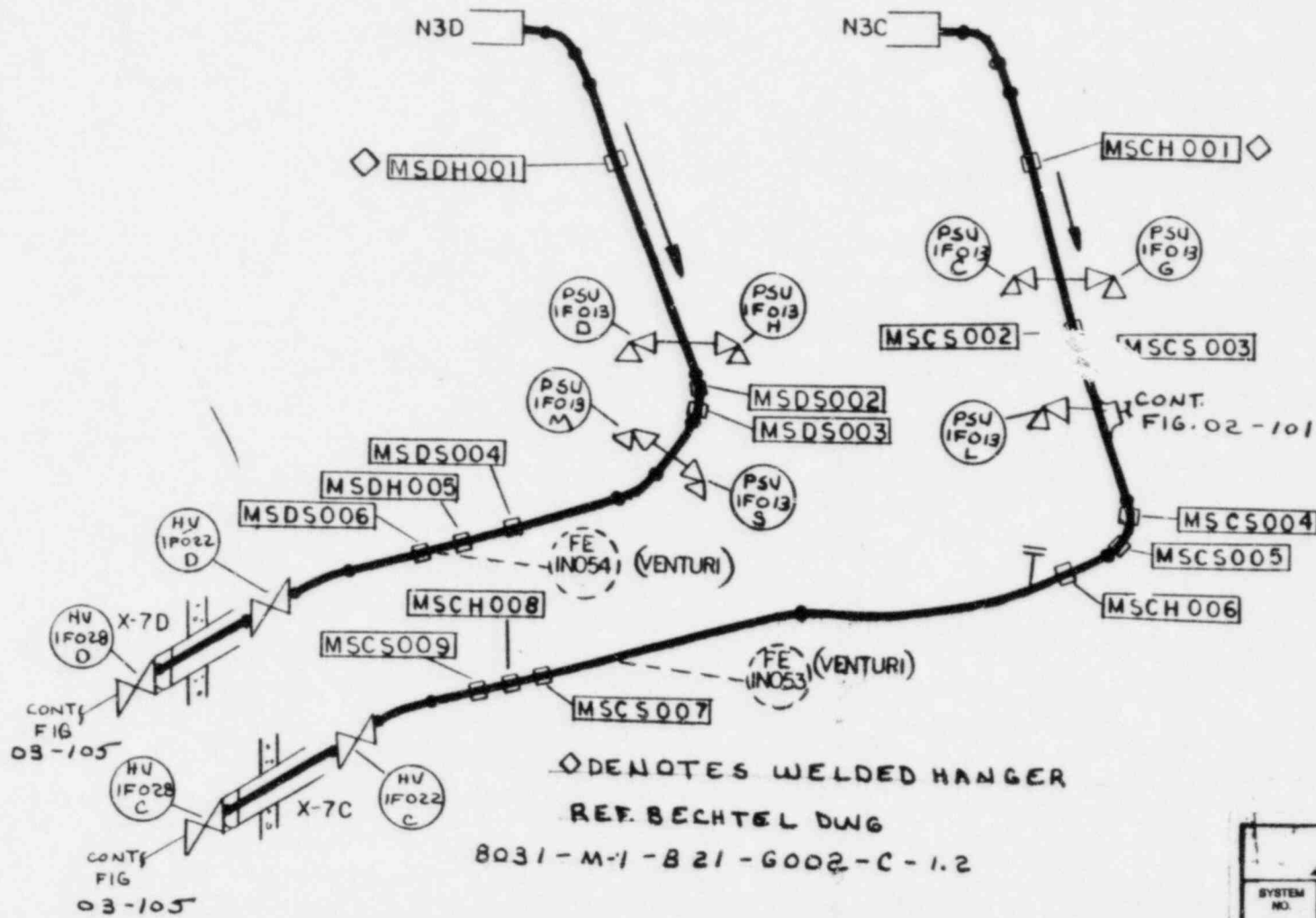
SYSTEM NO. 01	TITLE Main Steam Lines A & B Hanger Map
REV. 2	FIG. NO. 03-101
BY: JRP APP: CTR	DATE: 7-2-82 DATE: 12-78
PROJECT: 5551-Limerick Unit 1	
NES 112	NOT TO SCALE



SYSTEM NO.	01
TITLE	Main Stream Lines A & B Hanger Map
REV. NO.	03-103
BY	UP
DATE	9-2-88
APP. CTR.	DATE 1-1-94
PROJECT	5551-Limerick Unit 1
NOT TO SCALE	

REF BECHTEL DWGS
 EBB-103-1 REV. 20
 EBB-104-1 REV. 23
 EBB-104-2 REV. 3

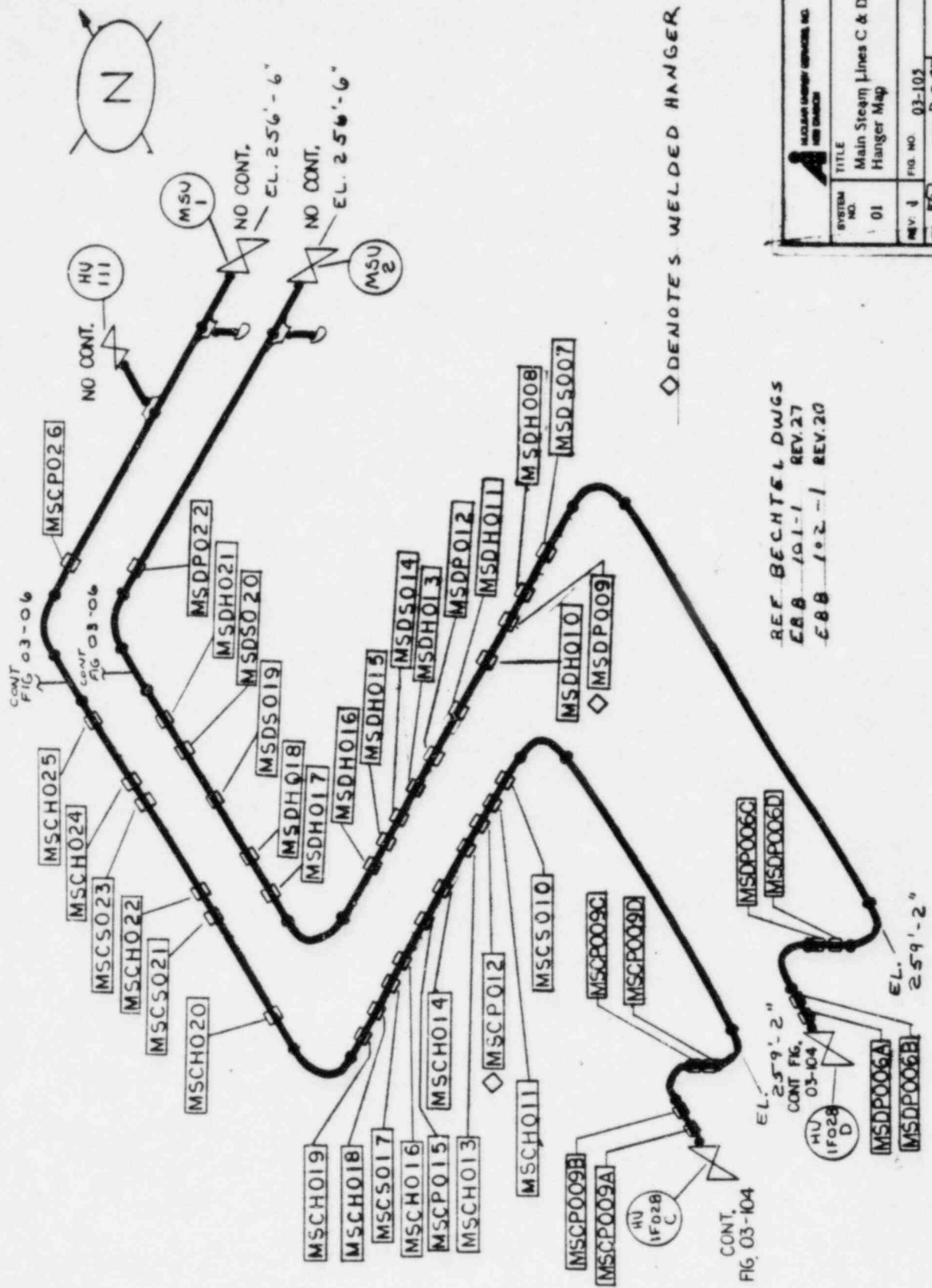
◇ DENOTES WELDED HANGER



◇ DENOTES WELDED HANGER
 REF. BECHTEL DWG

8031-M-1-B21-6002-C-1.2

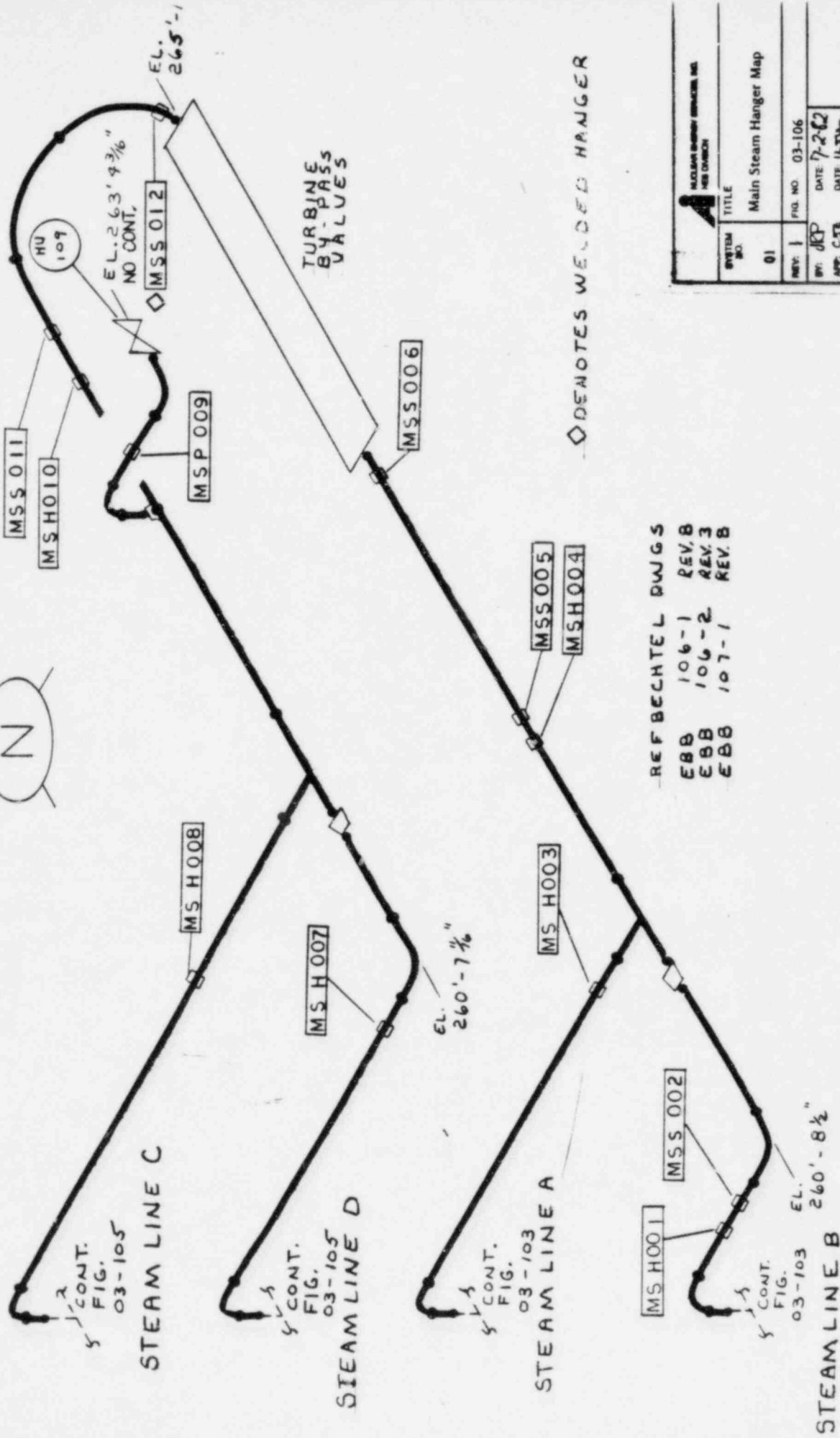
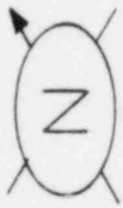
 NUCLEAR ENERGY SERVICES, INC. NEW CANON	
SYSTEM NO. 01	TITLE Main Steam Lines C & D Hanger Map
REV: 2	FIG. NO. 03-104
BY: JKP	DATE: 7-2-80
APP: CSR	DATE: 11-JUL
PROJECT: 5551-Limerick Unit 1	
NEE 112	NOT TO SCALE



◇ DENOTES WELDED HANGER

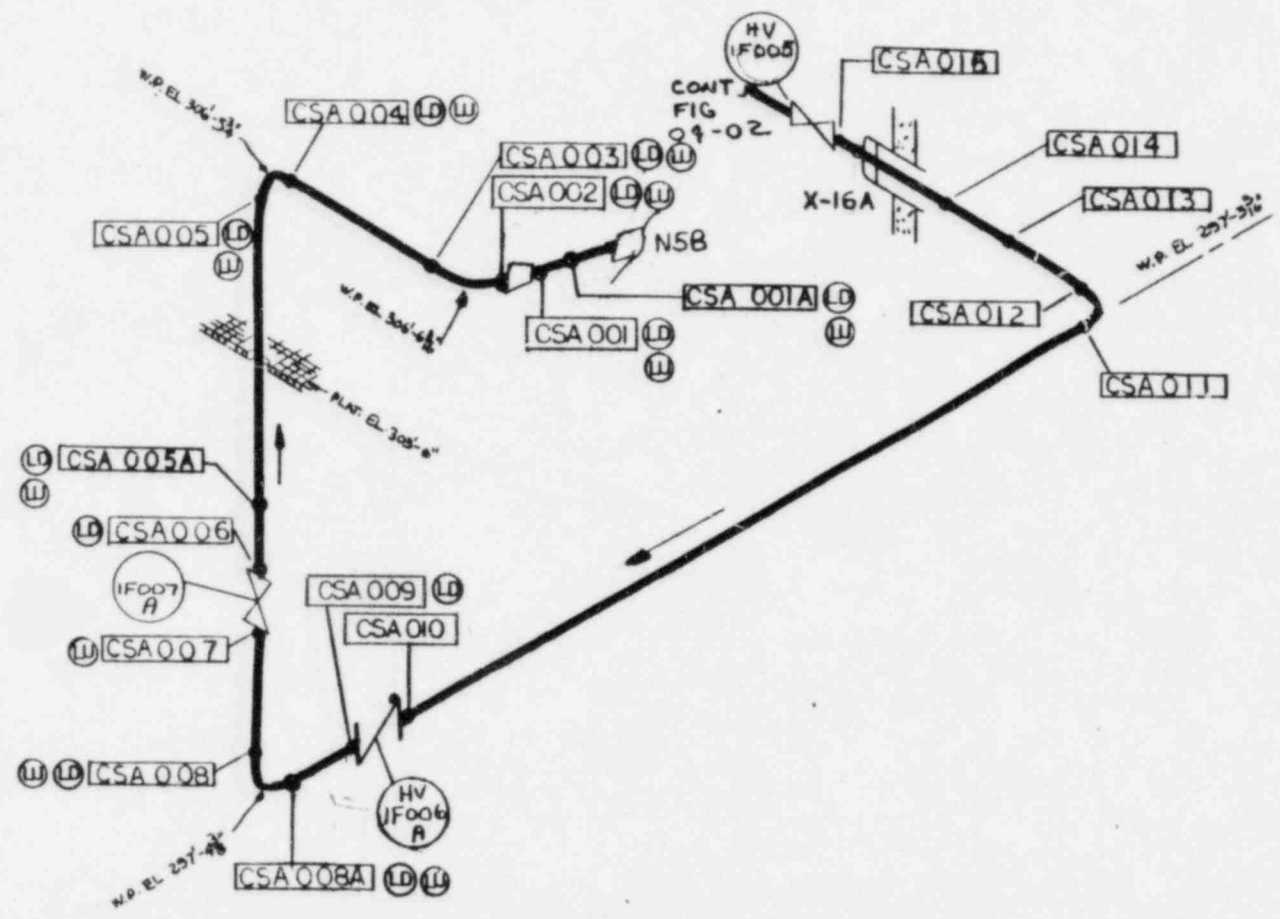
REF. BECHTEL DWGS
 E88 101-1 REV. 27
 E88 102-1 REV. 20

		PROJECT: 5551-Limerick Unit 1 NES 112 NOT TO SCALE	
SYSTEM NO. 01	TITLE Main Steam Lines C & D Hanger Map	FIG. NO. 03-103	DATE 7-28-77
REV. 1	APP. CTR.	DATE 11.9.77	DATE 11.9.77




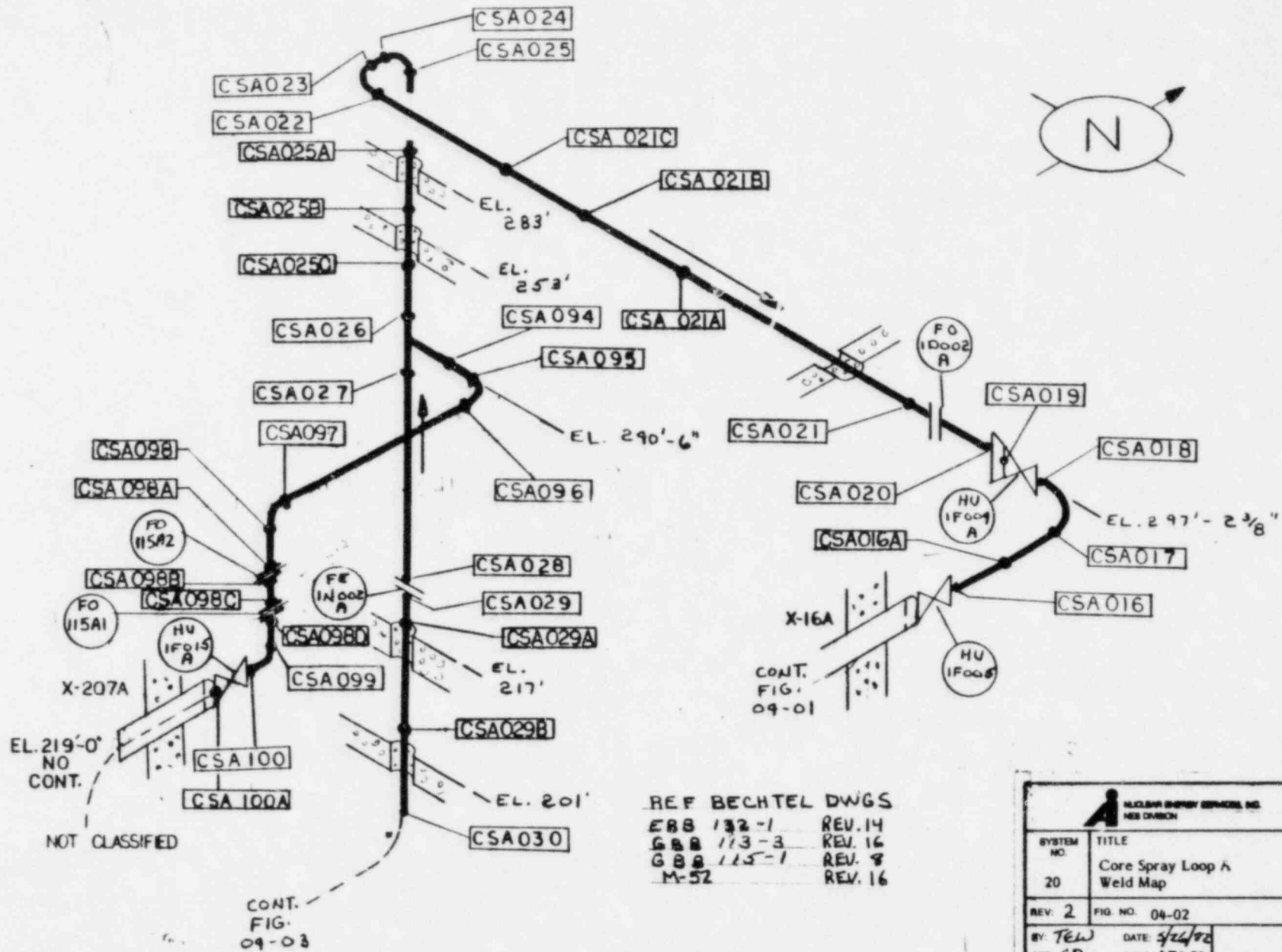
REF BECHTEL DWGS
 EBB 106-1 REV. B
 EBB 106-2 REV. 3
 EBB 107-1 REV. B

TITLE Main Steam Hanger Map	
SYSTEM NO. 01	FILE NO. 03-106
REV: 1	DATE: 7-2-62
APP: C.S.B.	DATE: 11-11-61
PROJECT: 5551-Limerick Unit 1	
NES 112 NOT TO SCALE	




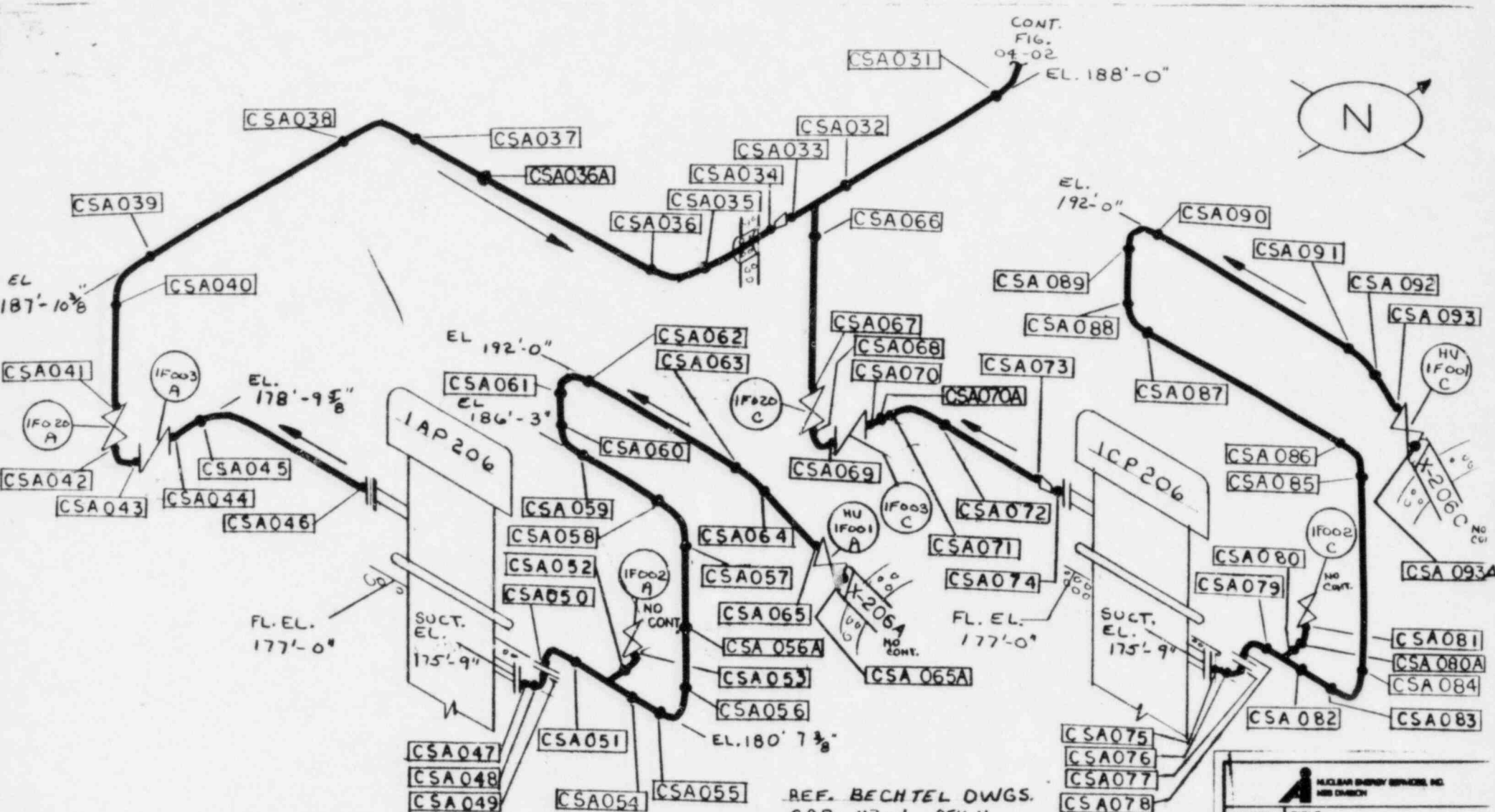
REF BECHTEL DWG
 DLA 111 - 1 REV.16
 DCA 320-1
 M-52 REV.16

 NUCLEAR ENERGY SERVICES INC. NEW ORLEANS	
SYSTEM NO.	TITLE
30	Core Spray Loop A Weld Map
REV: 2	FIG. NO. 04-01
BY: TEW	DATE: 3/26/82
APP: CSR	DATE: 9/23/82
PROJECT: 5551 Limerick Unit 1	
NES 112	NOT TO SCALE




REF BECHTEL DWGS
 EBB 132-1 REV. 14
 GBB 113-3 REV. 16
 GBB 115-1 REV. 8
 M-52 REV. 16

 NUCLEAR ENERGY SERVICES, INC. NBS DIVISION	
SYSTEM NO. 20	TITLE Core Spray Loop A Weld Map
REV. 2	FIG. NO. 04-02
BY: TEW APP: CSJ	DATE: 2/24/02 DATE: 7/24/02
PROJECT: 5551 Limerick Unit 1	
NOT TO SCALE	

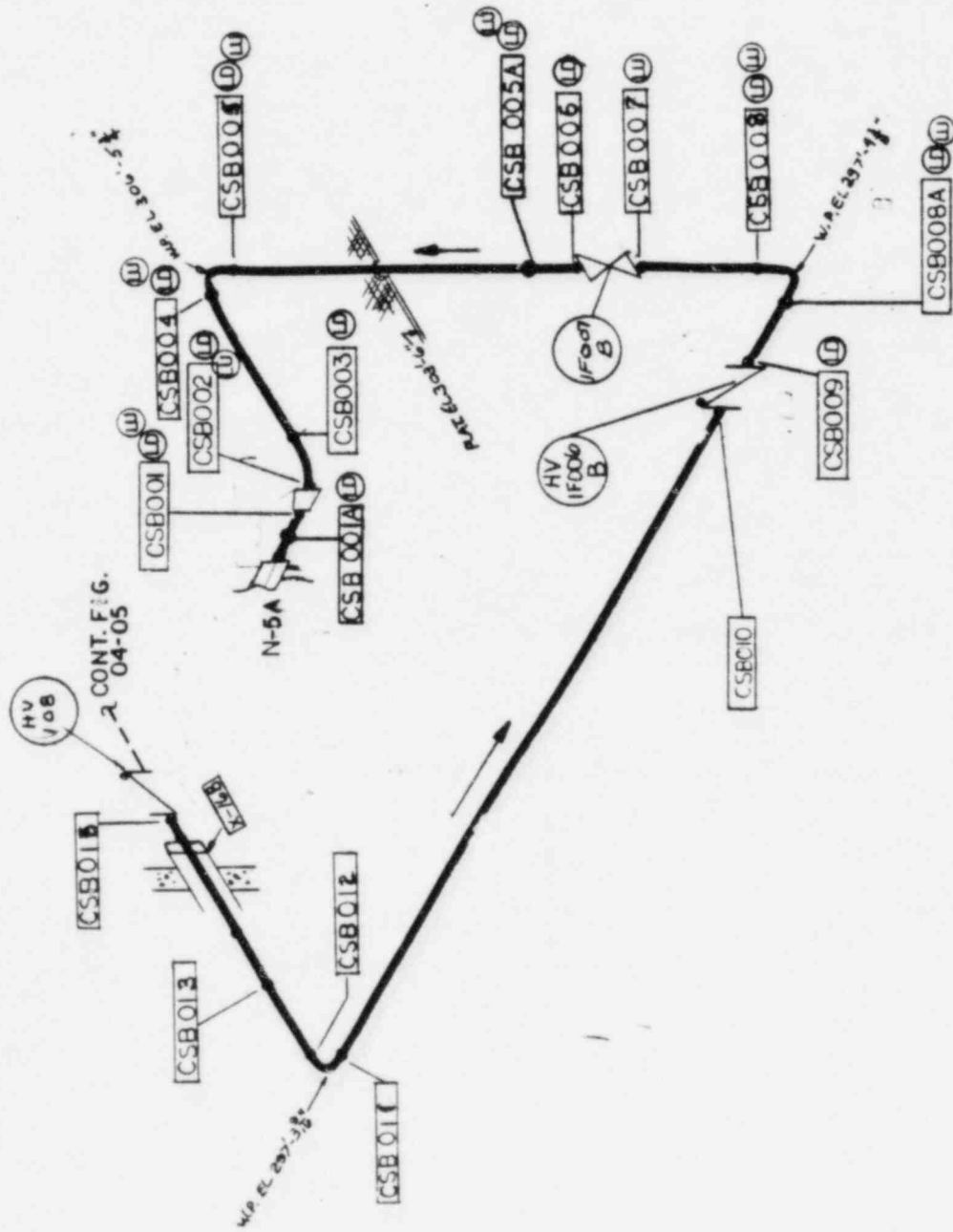


REF. BECHTEL DWGS.
 GBB 113-1 REV. 11
 GBB 113-2 REV. 14
 HBB 120-1 REV. 16
 HBB 120-3 REV. 15
 M-52 REV. 16

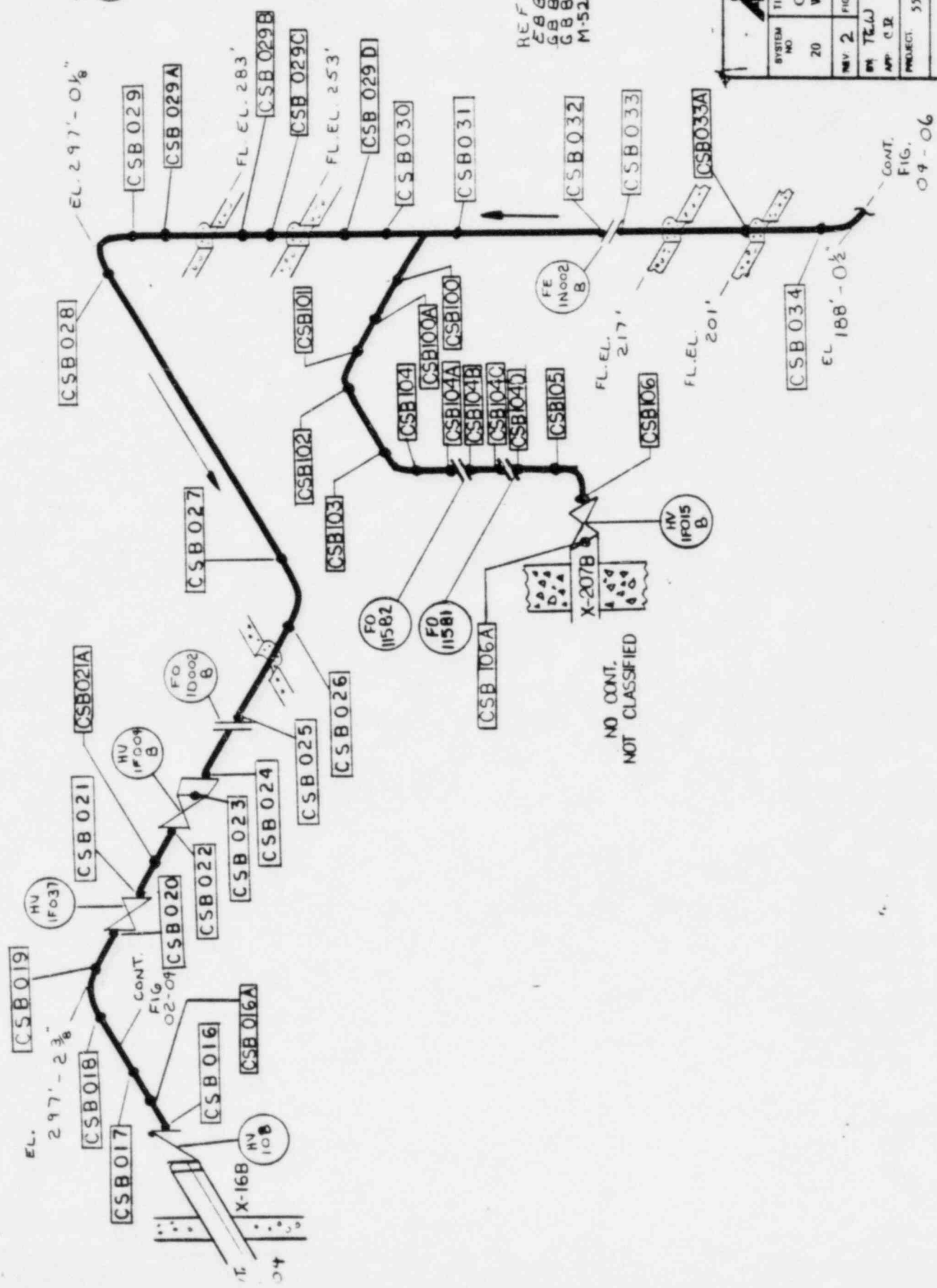
 NUCLEAR ENERGY DIVISION, INC. MISSOURI DIVISION	
SYSTEM NO.	TITLE
20	Core Spray Loop A Weld Map
REV. 2	FIG. NO. 04-03
BY: TEL	DATE: 5/26/82
APP: CJE	DATE: 9/24/82
PROJECT:	5551 Limerick Unit 1
NER 112	NOT TO SCALE



REF BECHTEL DWG.
 DLA 110-1 REV. 16
 DCA-319-1 REV. 10
 M-52 REV. 16



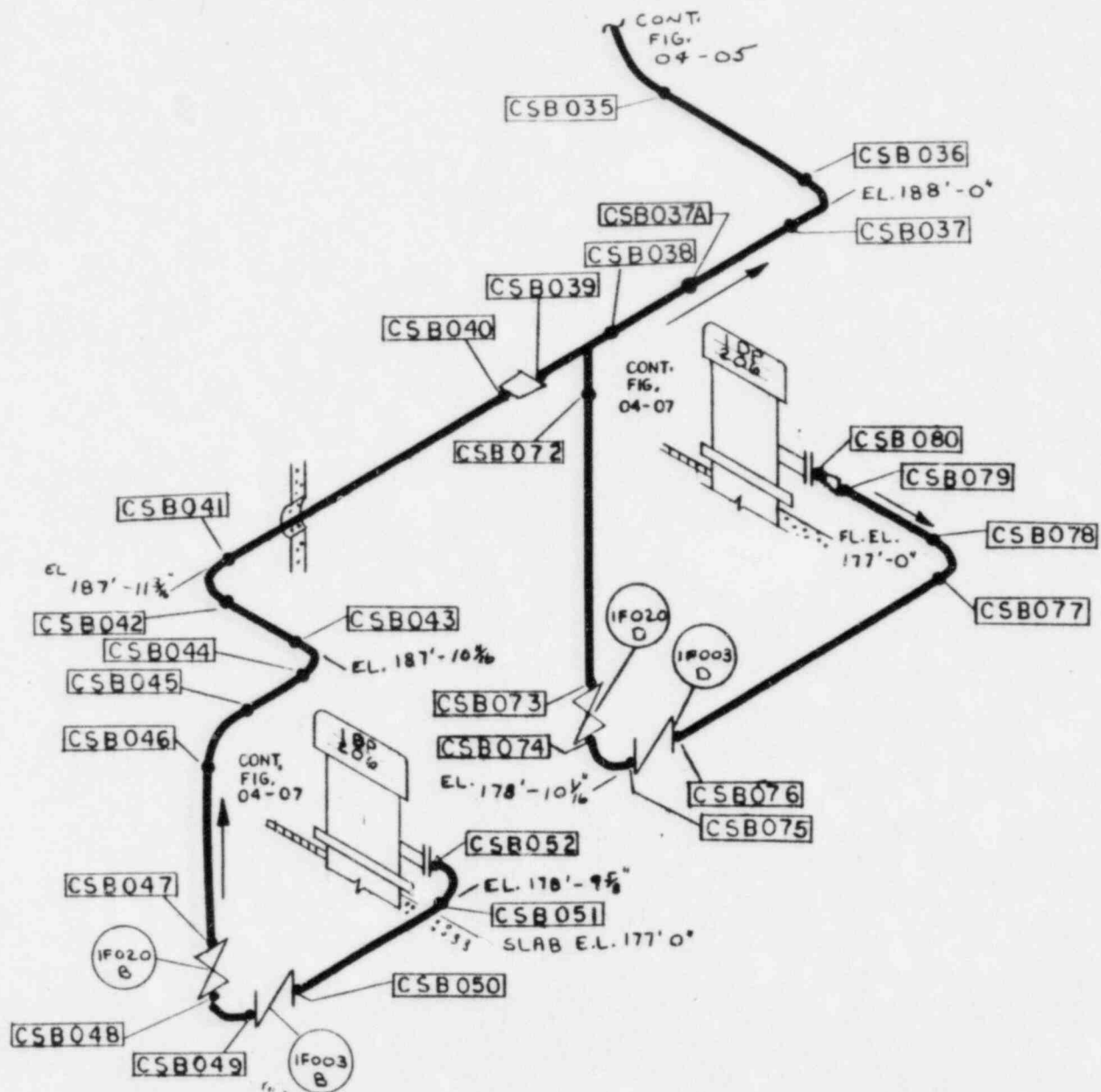
SYSTEM NO.	TITLE
20	Core Spray Loop B Weld Map
REV. 2	FIG. NO. 04-04
BY: JCR	DATE: 5/21/74
APP: JCR	DATE: 9/20/84
PROJECT:	3551 Limerick Unit 1
MSB 113	NOT TO SCALE



REF BECHTEL DWG
 CSB 131-1 REV. 17
 CSB 112-3 REV. 21
 CSB 114-1 REV. 9
 M-52 REV. 16

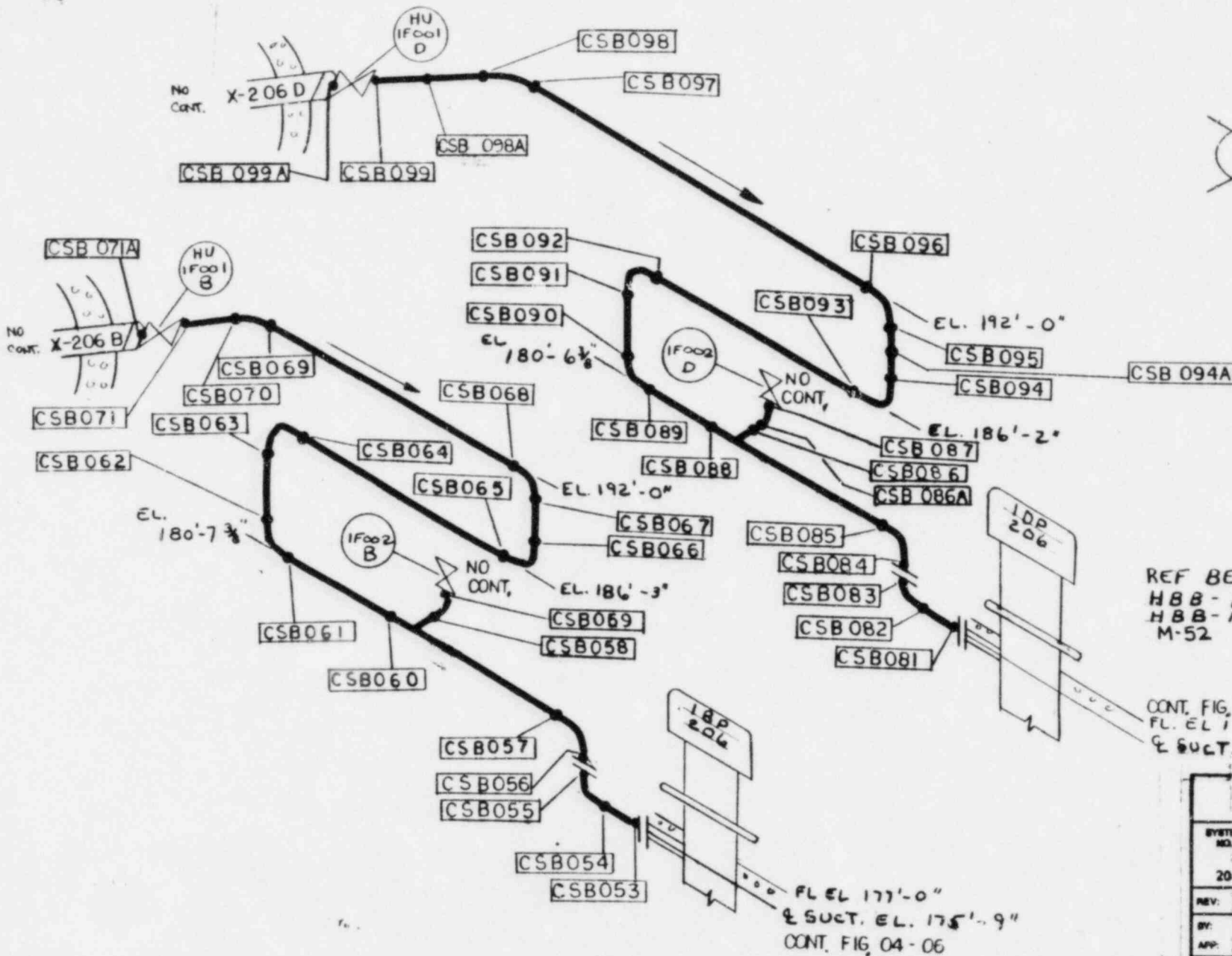
SYSTEM NO	20
TITLE	Core Spray Loop B Weld Map
REV	2
FIG NO	04-01
BY	TELAJ
DATE	3/27/92
APP	C.R.
DATE	9/26/92
PROJECT	5551 Limerick Unit 1
NSR 112	NOT TO SCALE

NO CONT.
 NOT CLASSIFIED



REF BECHTEL DWGS
 GBB 112-1 REV. 12
 GBB 112-2 REV. 11
 M-52 REV. 16

SYSTEM NO. 20	TITLE Core Spray Loop B Weld Map
REV. 1	FIG. NO. 04-06
BY: TEL APP:	DATE: 6/28/70
PROJECT: 5551 Limerick Unit I	
NOT TO SCALE	



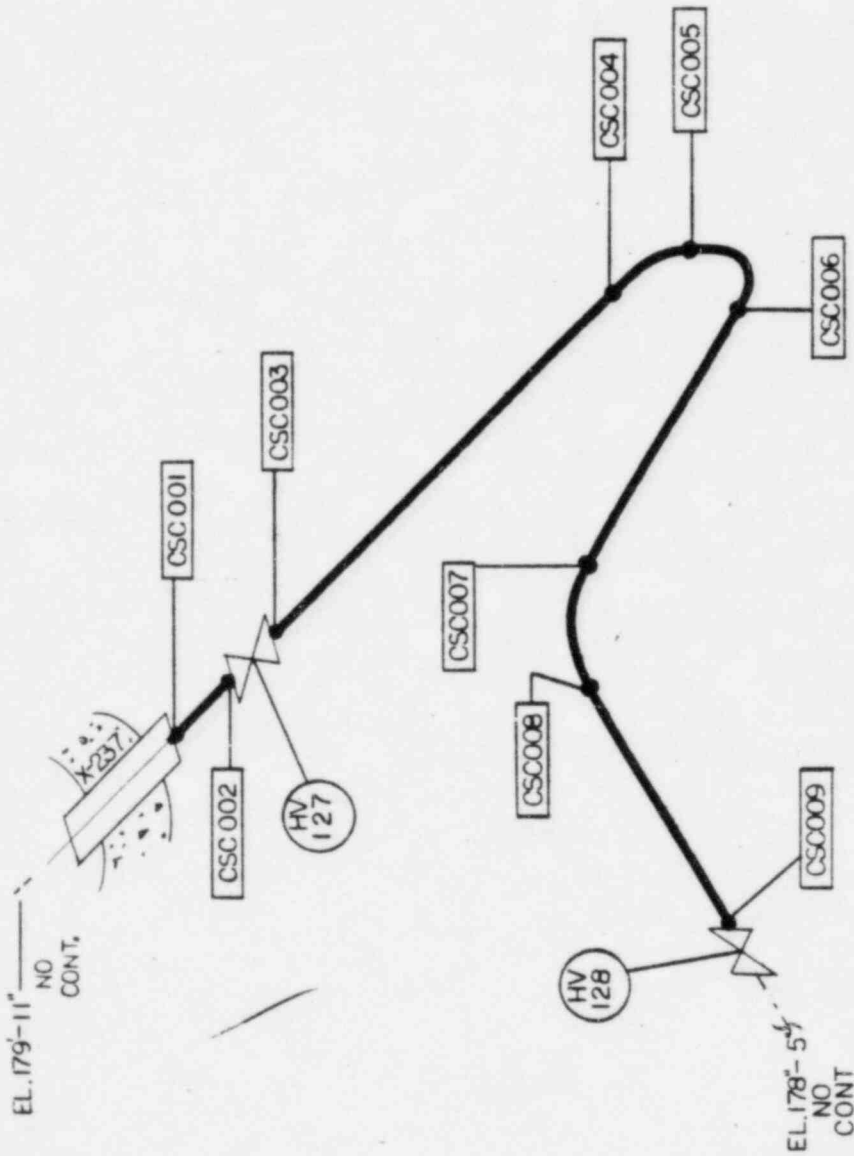
REF BECHTEL DWGS.
 HBB-120-5 REV.17
 HBB-120-7 REV.17
 M-52 REV.16

CONT. FIG. 04-06
 FL. EL. 177'-0"
 & SUCT. EL. 175'-9"

FL. EL. 177'-0"
 & SUCT. EL. 175'-9"
 CONT. FIG. 04-06

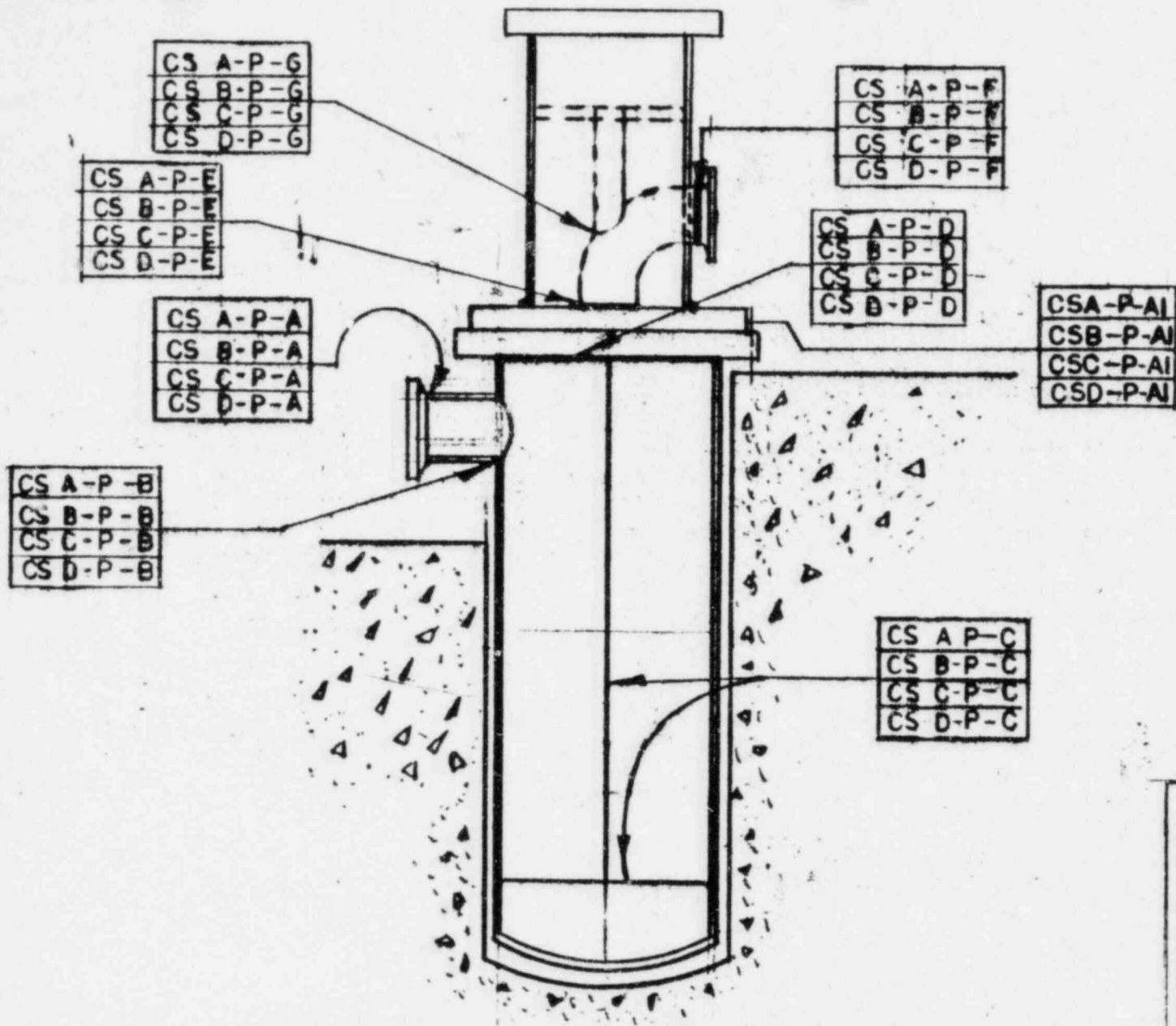
HALLS & BERRY ENGINEERS, INC. NEW CHURCH	
SYSTEM NO.	TITLE
20	Core Spray Loop B Weld Map
REV. 2	FIG. NO. 04-07
BY: TEW	DATE: 5/20/62
APP: CSZ	DATE: 7 JUL 62
PROJECT: 5551 Limerick Unit 1	
NOT TO SCALE	

EL. 179'-11" NO
CONT.



REF. BECHTEL DWG.
HBB-134-1 REV. 5
M-52 REV. 16

NUCLEAR ENERGY SERVICES, INC. NEB DIVISION	
SYSTEM NO. 20	TITLE CORE SPRAY LOOP C WELD MAP
REV. 2	FIG. NO. 04-08
BY: TEAJ	DATE: 5/21/82
APP: DJC	DATE: 9 JUL 81
PROJECT: 5551 LIMERICK UNIT 1	
NES 112 NOT TO SCALE	

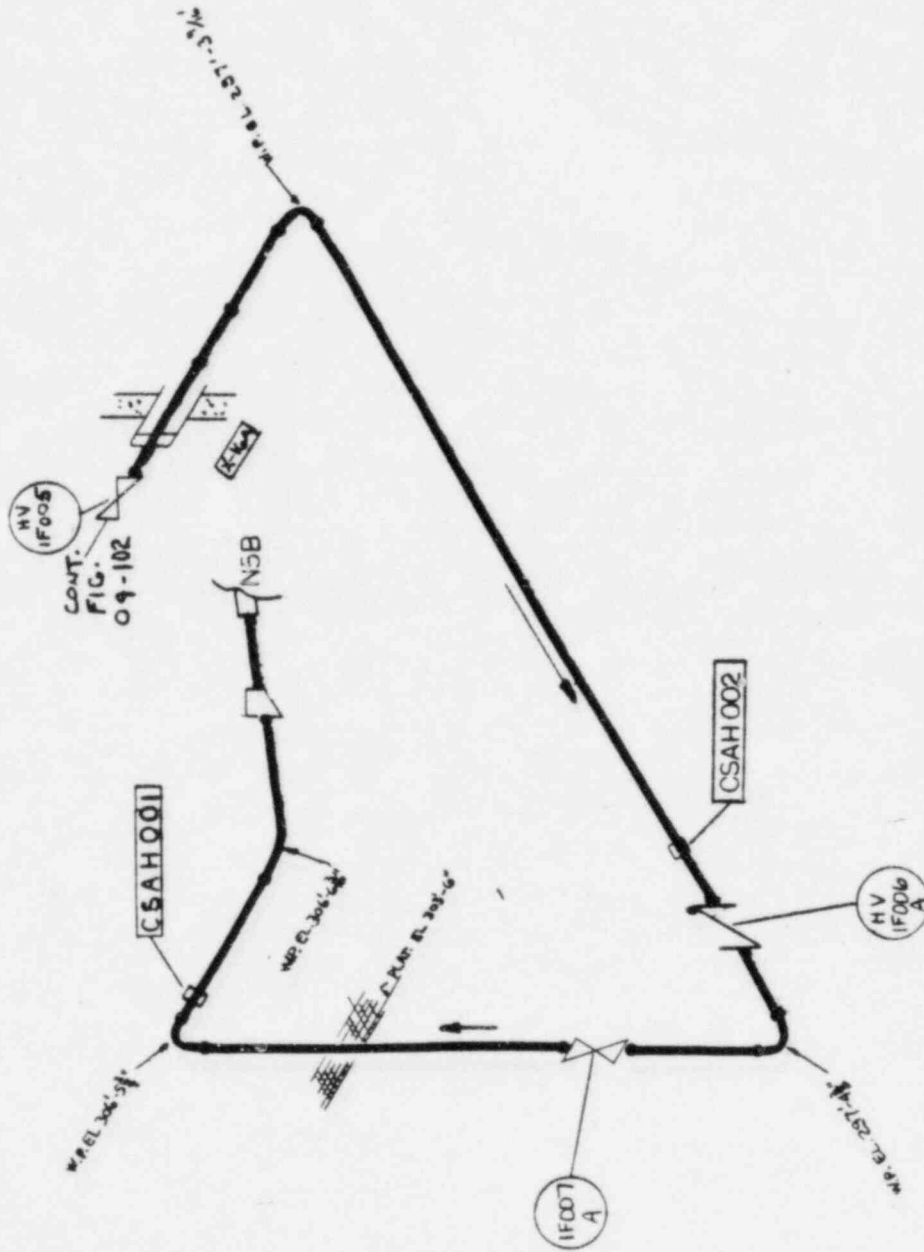


REF INWERSOLL RAND DWG:
F-34 APKD 500X4

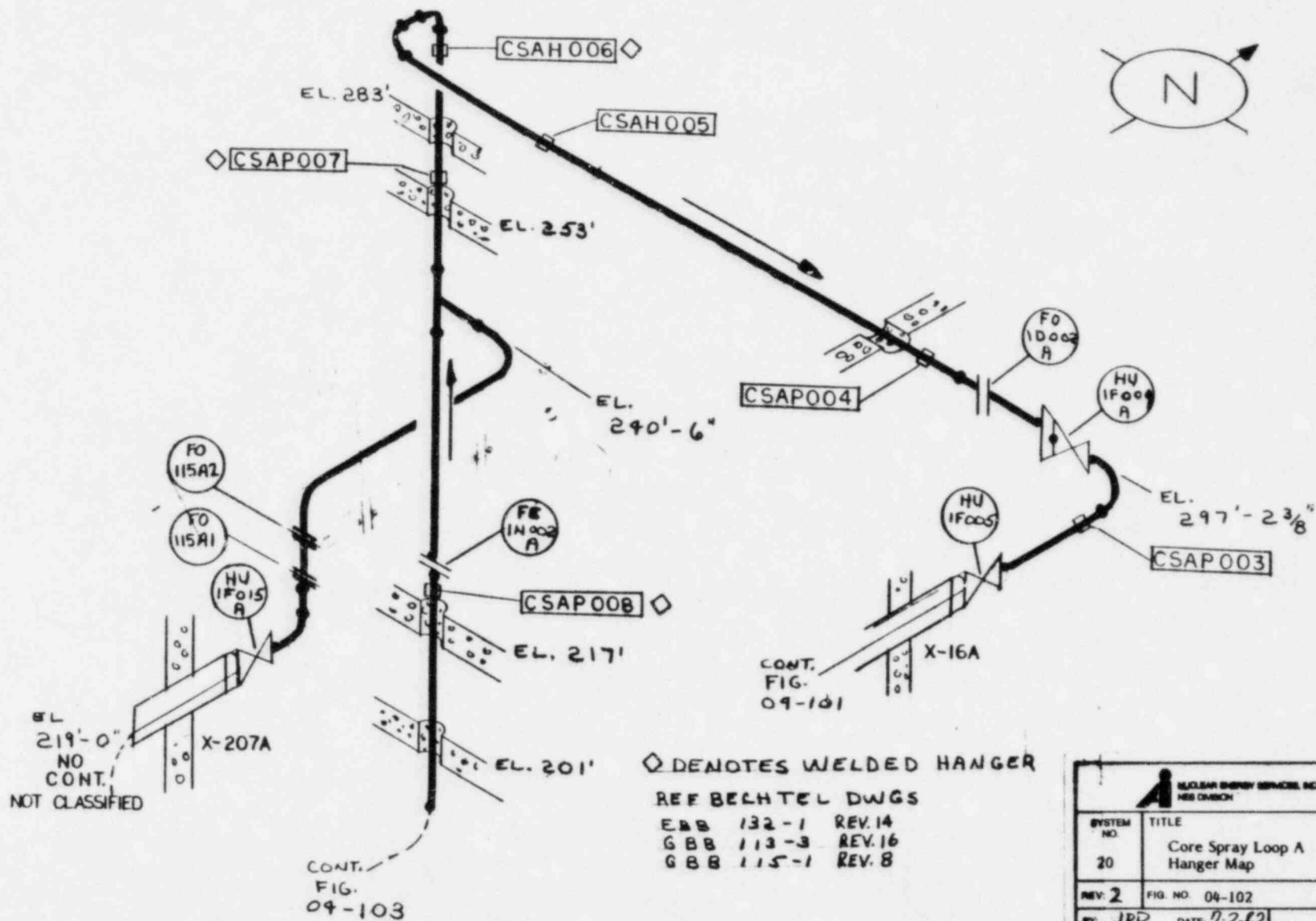
nes NUCLEAR ENERGY SERVICES	
SYSTEM NO. 10	TITLE CORE SPRAY SUPPORT & PUMP BODY WELDS
REV: Q	FIG. NO. 04-09
BY: JKP	DATE: 8-12-82
APP: CJR	DATE: AUG 82
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	



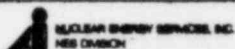
REF BECHTEL DWG
DLA III-1 REV. 16
D C R 320-1

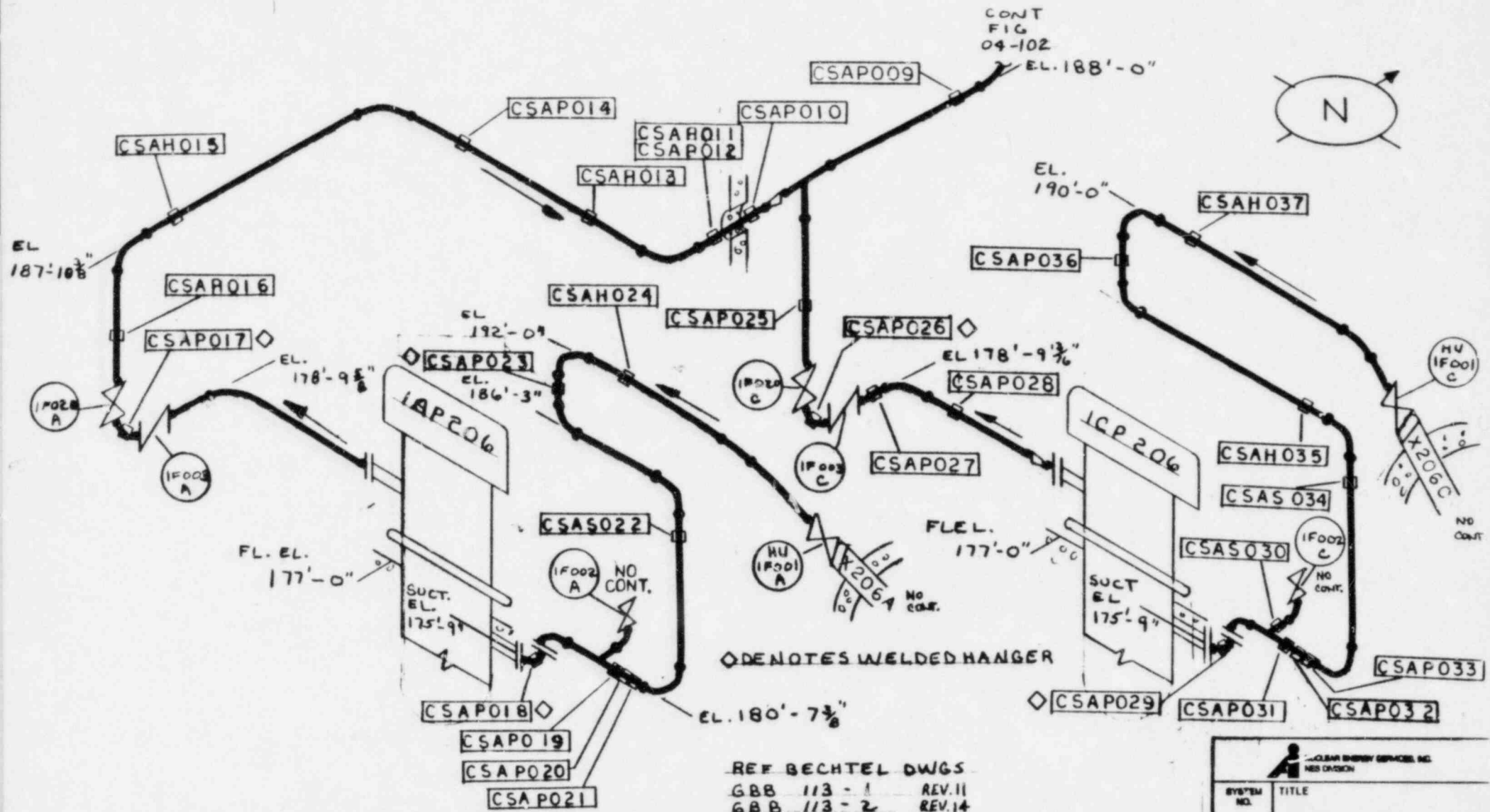


HALLIDAY BROWN ENGINEERING INC. NEW ORLEANS	
SYSTEM NO.	TITLE
20	Core Spray Loop A Hanger Map
REV. 2	FIG. NO. 09-101
BY: [Signature]	DATE: 7-2-82
APP. CSR	DATE: 11-82
PROJECT: 5551 Limerick Unit 1	
MES 112	NOT TO SCALE



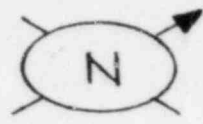
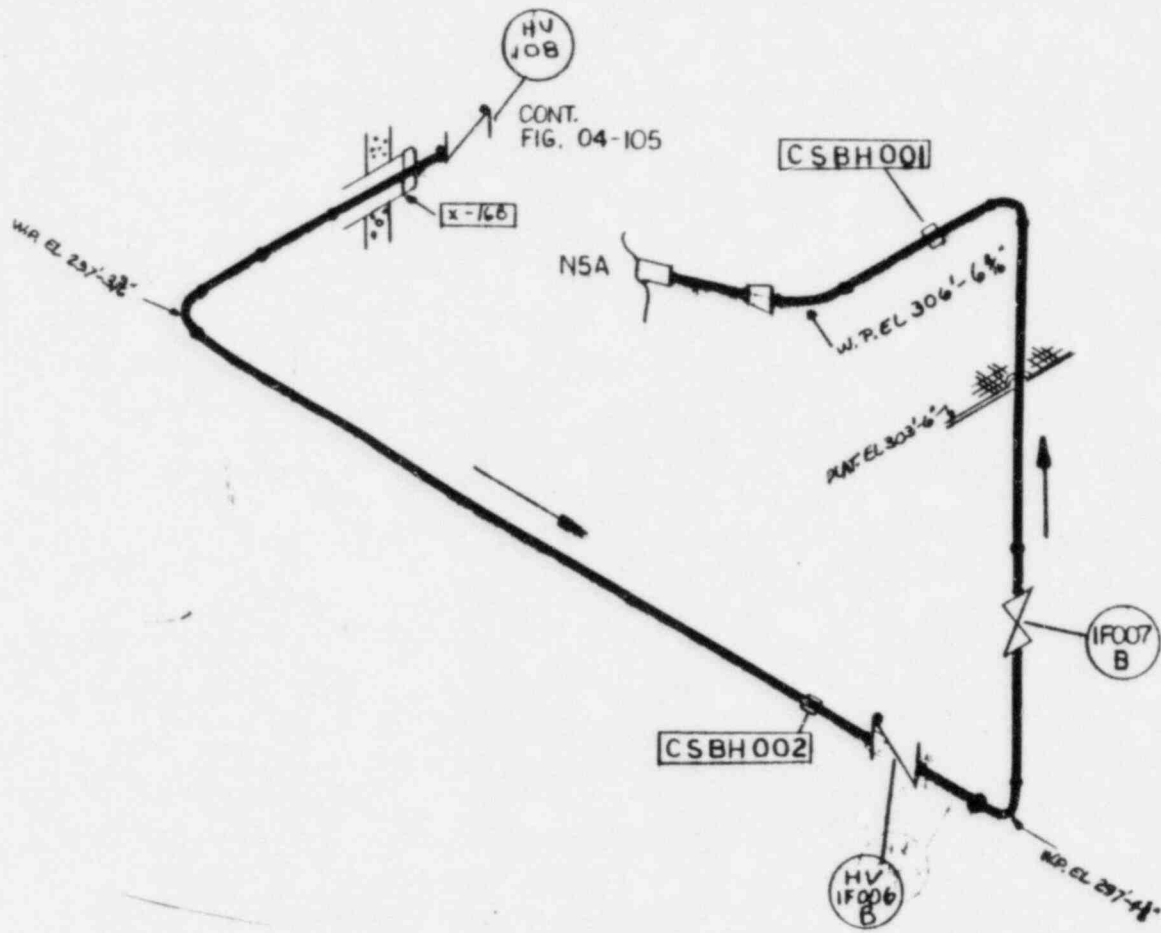
◆ DENOTES WELDED HANGER
 REF BELTTEL DWGS
 EBB 132-1 REV.14
 GBB 113-3 REV.16
 GBB 115-1 REV.8

	
SYSTEM NO. 20	TITLE Core Spray Loop A Hanger Map
REV: 2	FIG. NO: 04-102
BY: JRP APP: cse	DATE: 7-2-82 DATE: 11 JUL
PROJECT: 5551 Limerick Unit 1	
NOT TO SCALE	




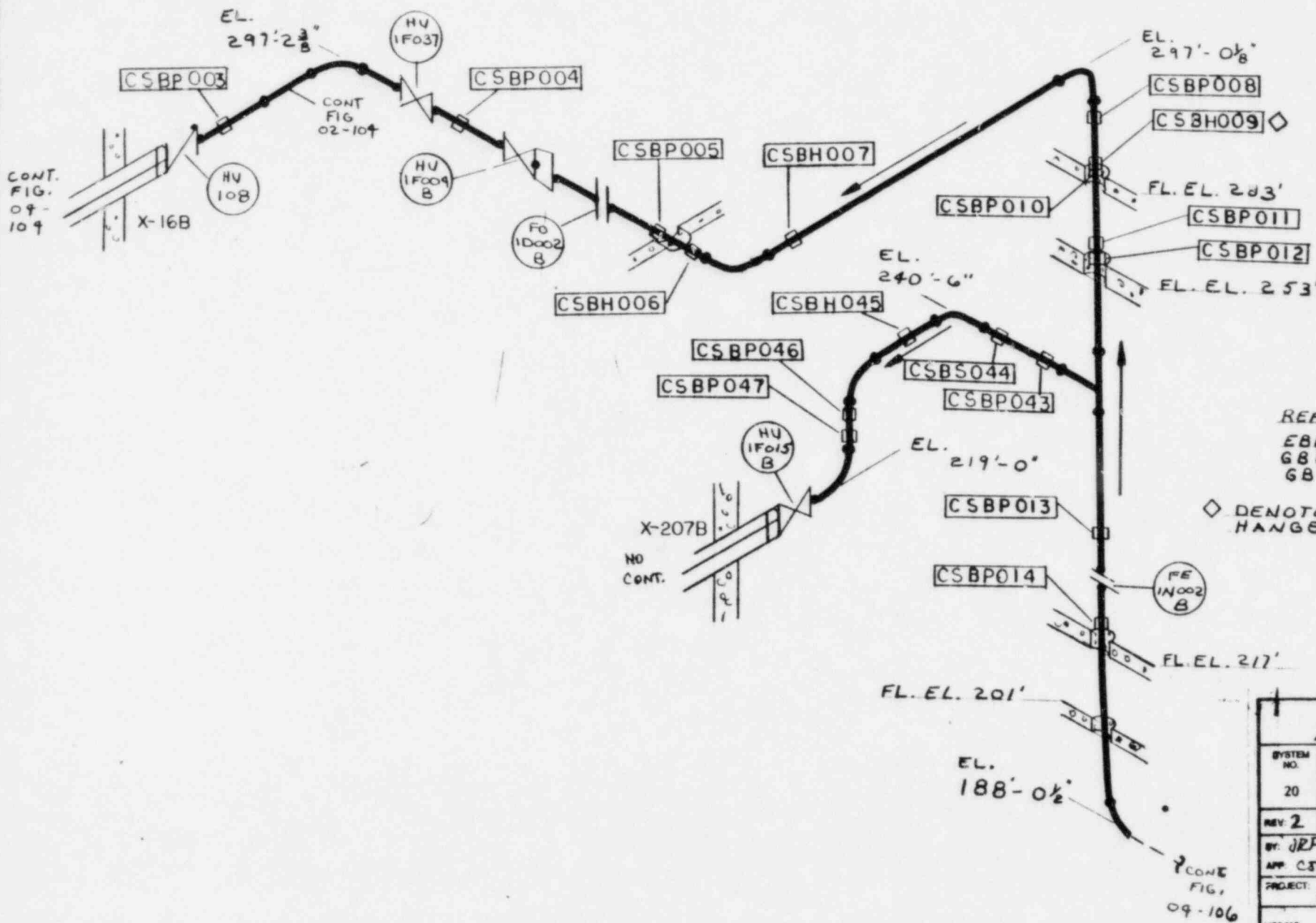
REF BECHTEL DWGS
 GBB 113 - 1 REV.11
 GBB 113 - 2 REV.14
 HBB 120 - 1 REV.16
 HBB 120 - 3 REV.15

SYSTEM NO.	TITLE
20	Core Spray Loop A Hanger Map
REV: 2	FIG. NO. 04-103
BY: UEP	DATE: 7-2-82
APP: CJE	DATE: 12-78
PROJECT: 5551 Limerick Unit 1	
NER 112	NOT TO SCALE




REF BECHTEL DWG
 DLA 110-L REV. 16
 DCA 319-1 REV. 10

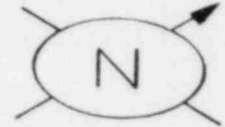
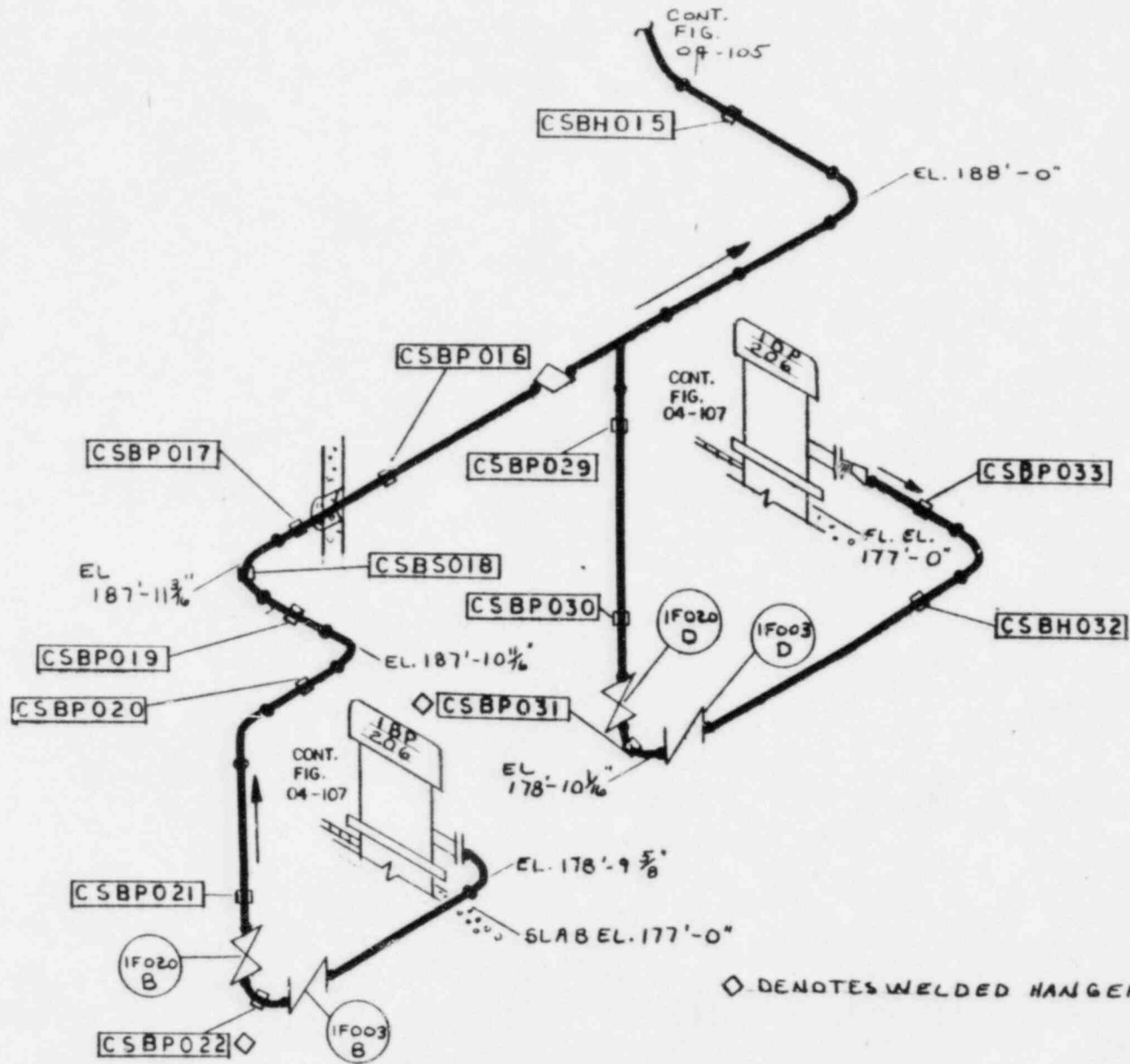
 McCLURE ENERGY SERVICES INC. NEW DORCH	
SYSTEM NO.	TITLE
20	Core Spray Loop B Hanger Map
REV: 1	FIG. NO. 04-104
BY: JRP	DATE: 11-2-82
APP: CSE	DATE: 11.3.82
PROJECT: 5551 Limerick Unit 1	
NOT TO SCALE	
NES 112	



REF. BECHTEL DWG
 EBB 131-1 REV. 17
 GBB 112-3 REV. 21
 GBB 114-1 REV. 9

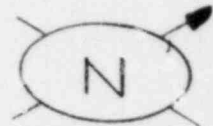
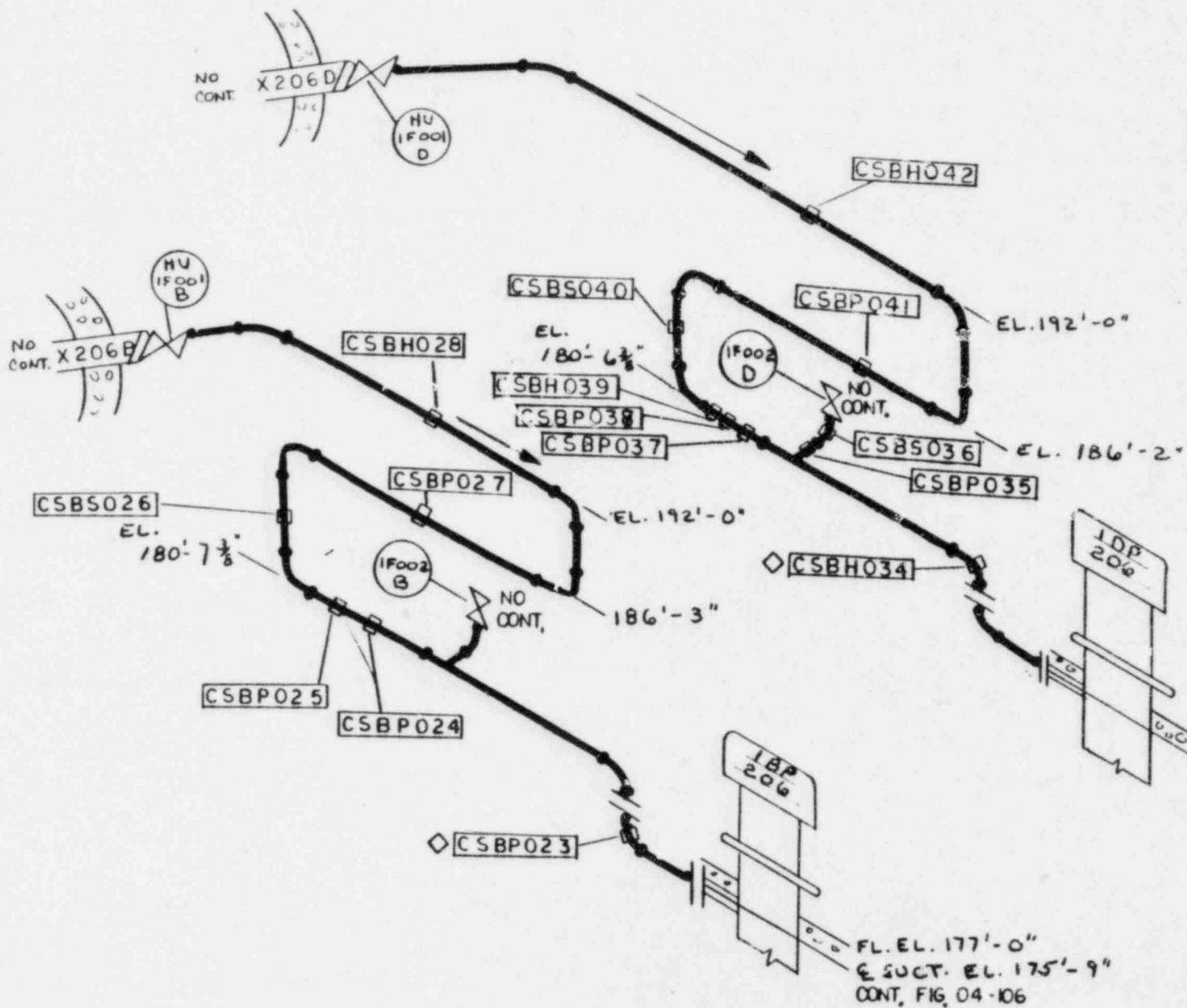
◇ DENOTES WELDED HANGER

 NUCLEAR ENERGY SYMBOLS NO. NEE DASH 3	
SYSTEM NO.	TITLE
20	Core Spray Loop B Hanger Map
REV. 2	FIG. NO. 04-105
BY: JRP	DATE: 7-2-84
APP: CBL	DATE: 12-27-84
PROJECT:	5511 Limerick Unit 1
NBS 112	NOT TO SCALE



REF. BECHTEL DWGS
 GBB 112 - 1 REV. 12
 GBB 112 - 2 REV. 11

SYSTEM NO. 20	TITLE Core Spray Loop B Hanger Map
REV: 1	FIG. NO. 04-106
BY: JEP APP: CRR	DATE: 7-2-82 DATE: 12 27 82
PROJECT: 5551 Limerick Unit 1	
NED 112	NOT TO SCALE



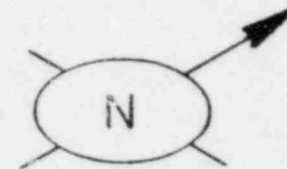
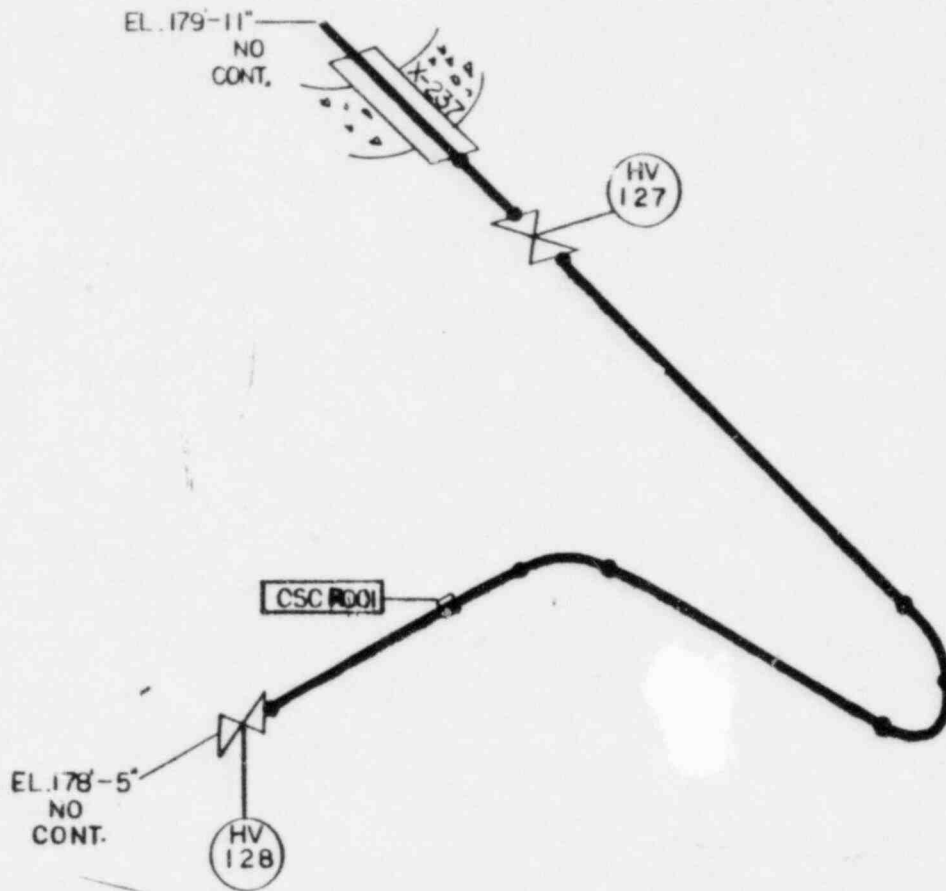
REF. BECHTEL DWGS.
 HBB 120-5 REV. 17
 HBB 120-7 REV. 17

◇ DENOTES WELDED HANGER

CONT. FIG. 04-106
 FL. EL. 177'-0"
 & SUCT. EL. 175'-9"

FL. EL. 177'-0"
 & SUCT. EL. 175'-9"
 CONT. FIG. 04-106

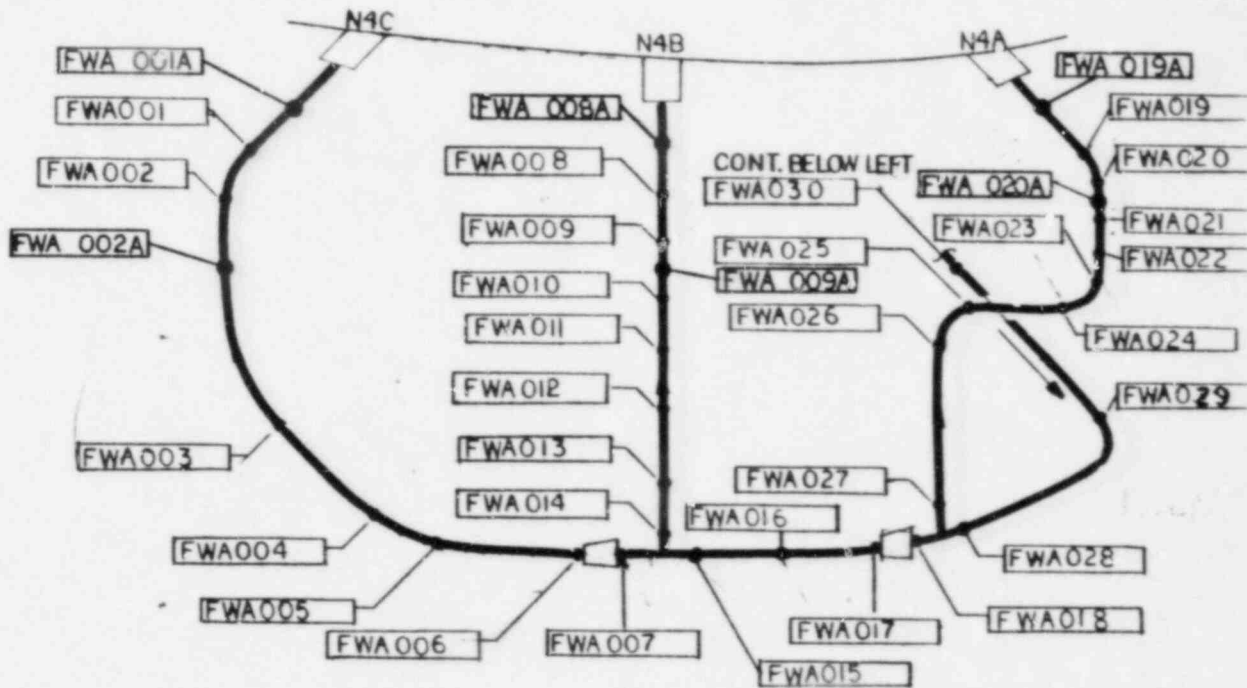
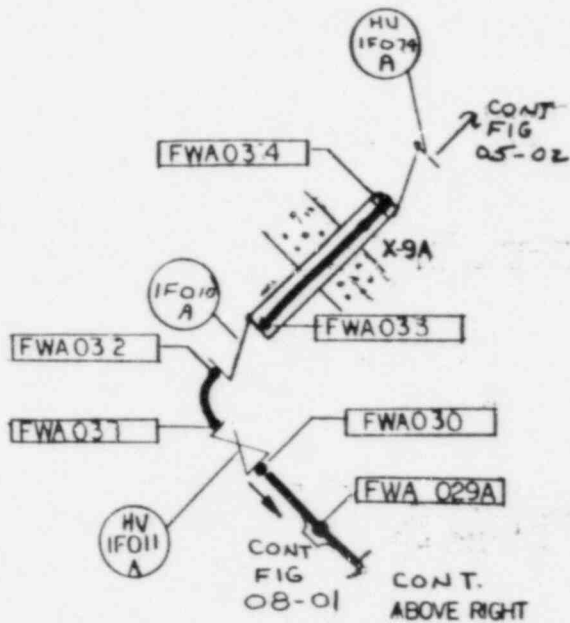
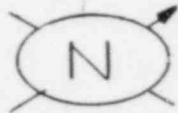
NUCLEAR ENERGY SERVICES, INC. NEW ORLEANS	
SYSTEM NO. 20	TITLE Core Spray Loop B Hanger Map
REV. 2	FIG. NO. 04-102
BY: JRP APP: CSR	DATE: 9-2-82 DATE: 12 JUL
PROJECT: 5551 Limerick Unit 1	
NBS 112	NOT TO SCALE



REF. BECHTEL DWG.
HBB-134-1 REV. 5

NUCLEAR ENERGY SERVICE, INC. NEW CANON	
SYSTEM NO. 20	TITLE CORE SPRAY LOOP C HANGER MAP
REV: 2	FIG. NO. 04-108
BY: JEP	DATE: 7-2-82
APP: JEP	DATE: 11-24-82
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	

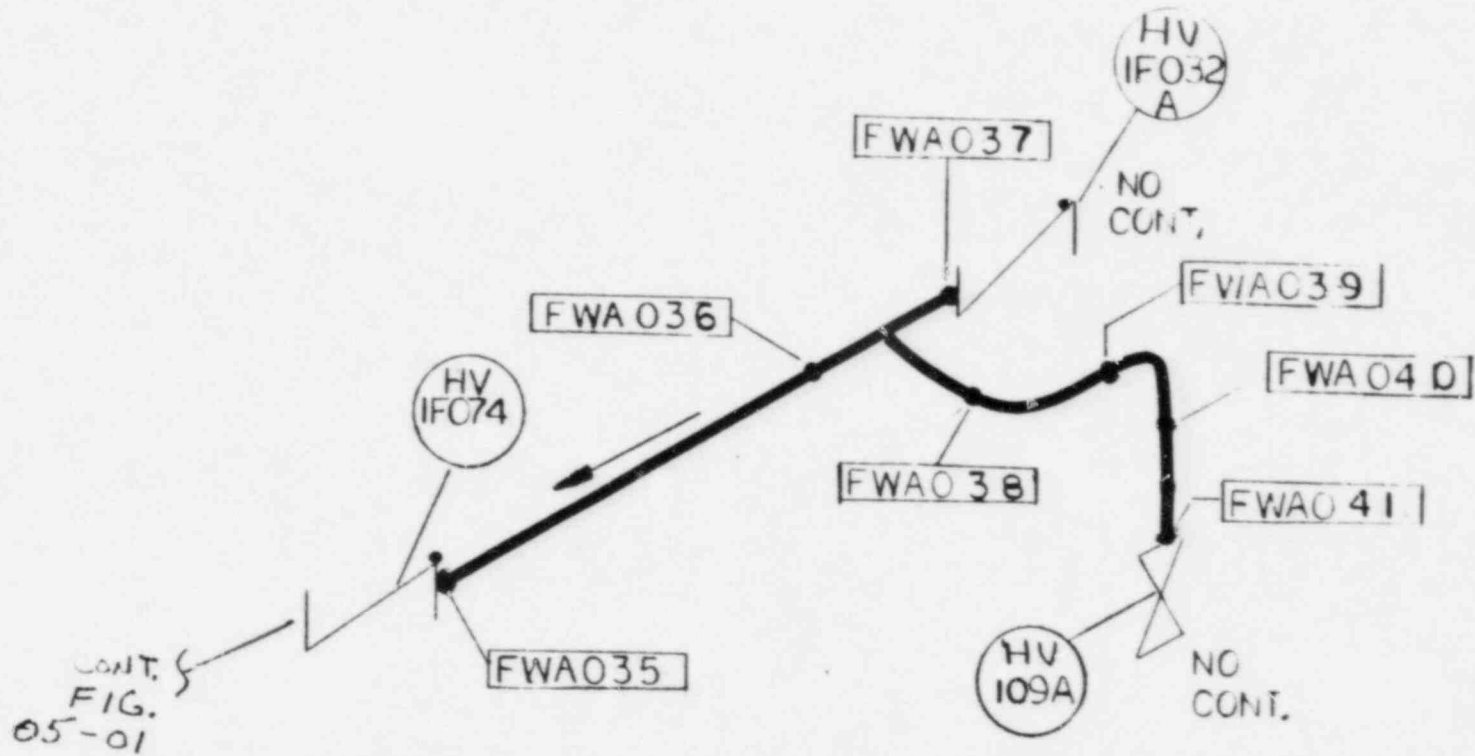
NES 112




REF. BECHTEL DWGS.

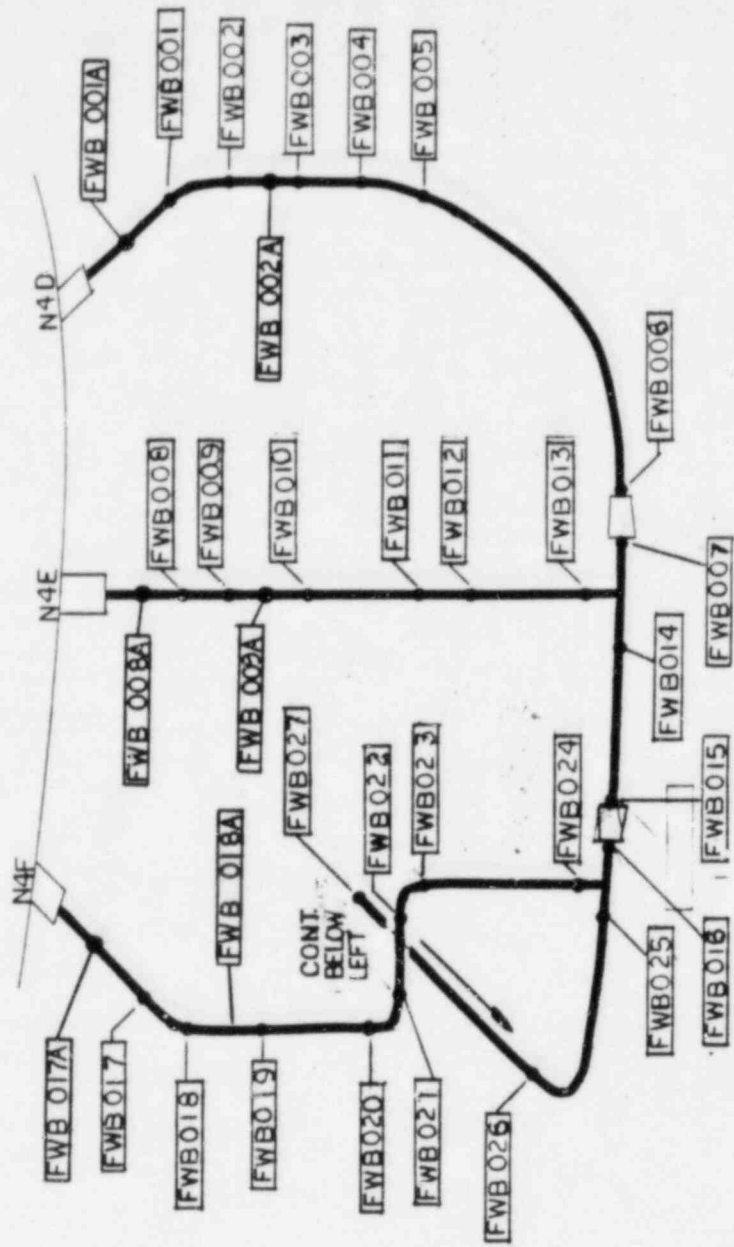
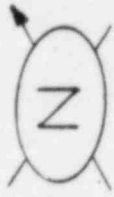
DLA 107-1 REV. 18
 DLA 105-1 REV. 11
 M-41 REV. 14

SYSTEM NO. 17	TITLE Feedwater Loop A Weld Map
REV: 2	FIG. NO. 05-01
BY: JRS APP: CTR	DATE: 5-28-80 DATE: 9 JUL 81
PROJECT: 3551 Limerick Unit 1	
NOT TO SCALE	



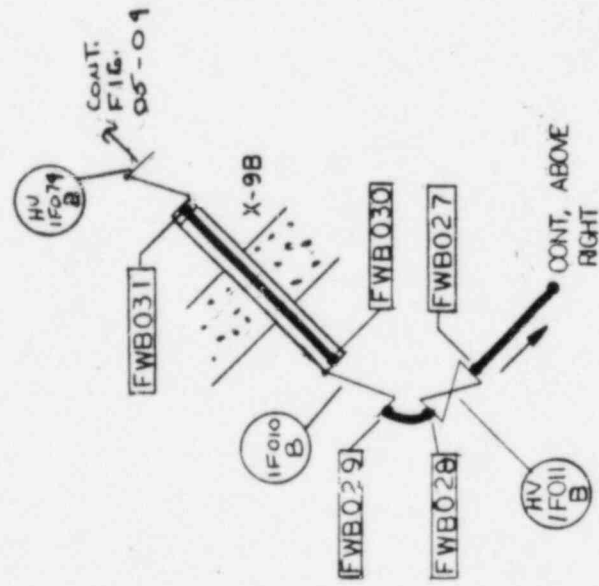
REF BECHTEL DWG.
 DBB 10.3-1 REV 8
 M-41 REV. 19

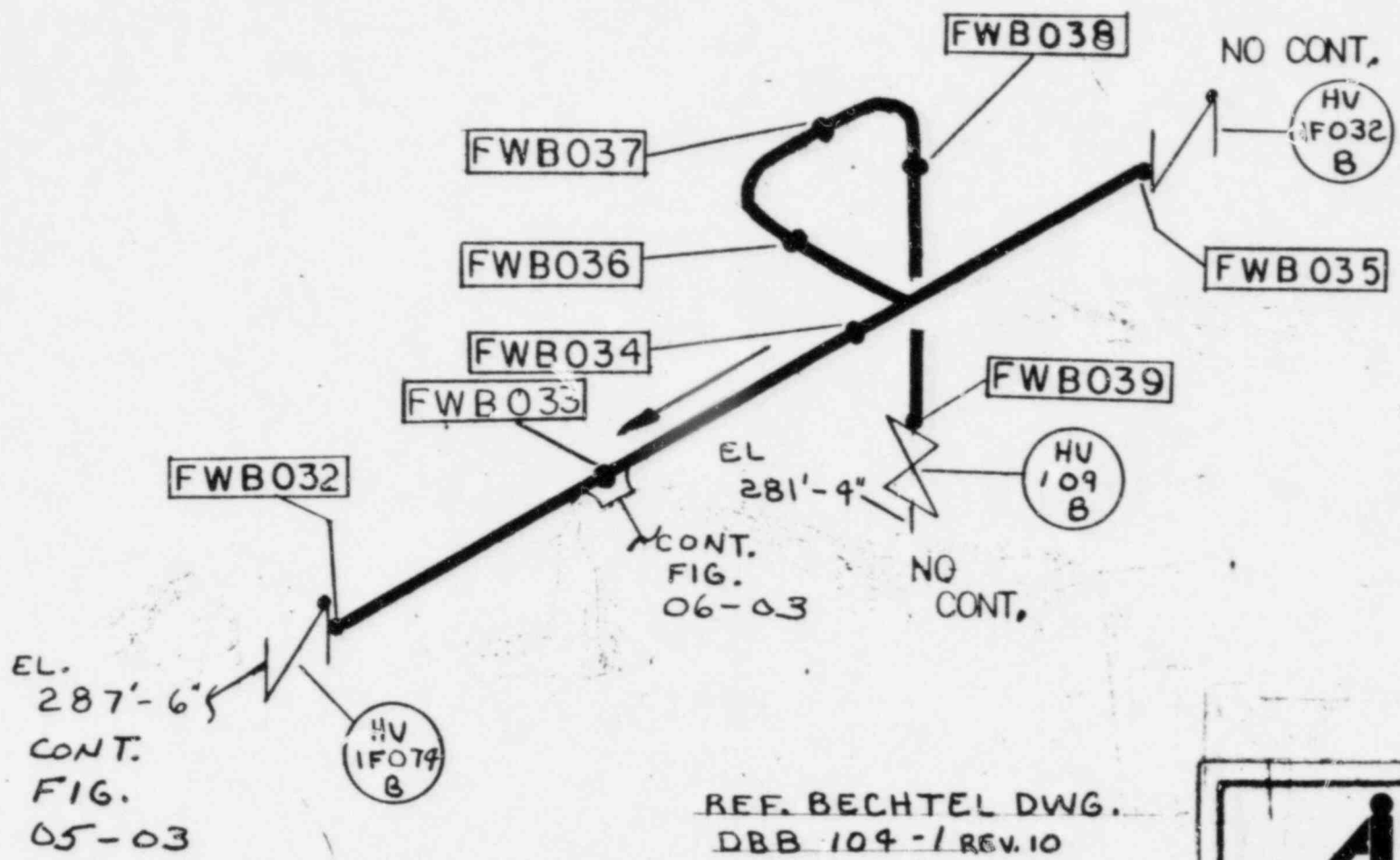
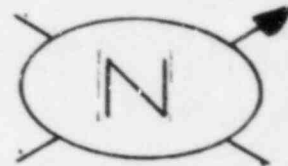
 NUCLEAR ENERGY SERVICES, INC. NES DIVISION	
SYSTEM NO. 15	TITLE Feedwater Loop A Weld Map
REV: 1	FIG. NO. 05-02
BY: <i>JRS</i>	DATE: 5-28-82
APP: <i>CR</i>	DATE: 9 JUL 82
PROJECT: 5551 Limerick Unit 1	
NES 112	NOT TO SCALE




SYSTEM NO.	12
TITLE	Feedwater Loop B Weld Map
REV.	2
FIG. NO.	05-03
DATE	5-20-82
APP. C. BY	DATE 9-24-82
PROJECT	5551 Limerick Unit 1
NOT TO SCALE	

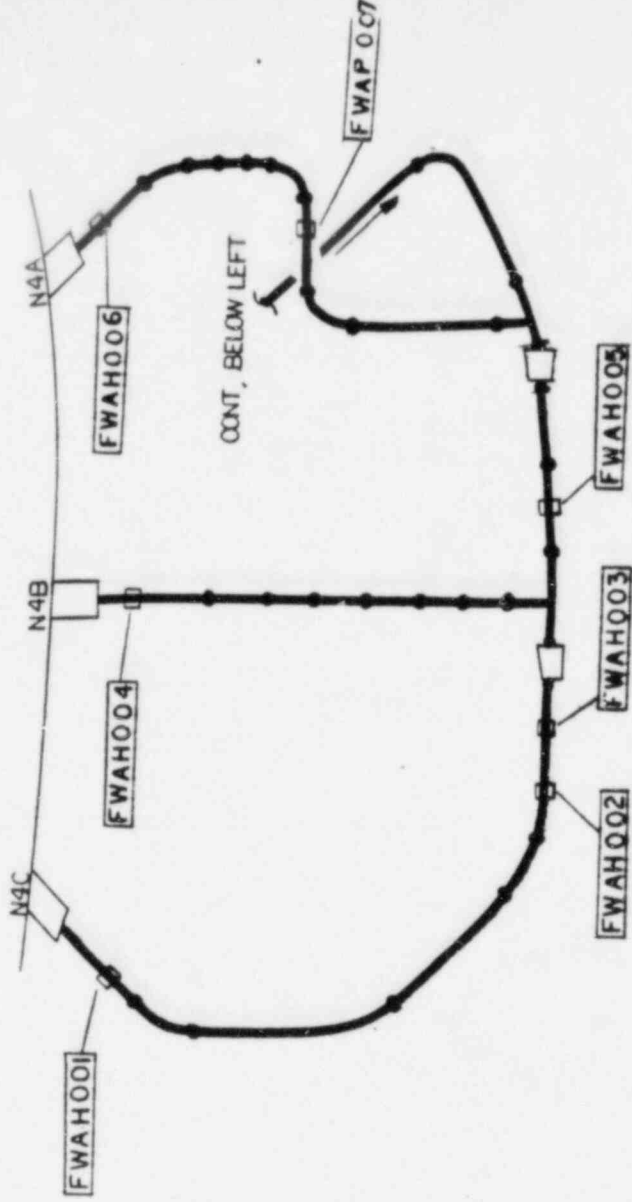
REF. BECHTEL DWGS
 DCA 106-1 Rev. 10
 DCA 108-1 Rev. 14
 M-41 Rev. 17





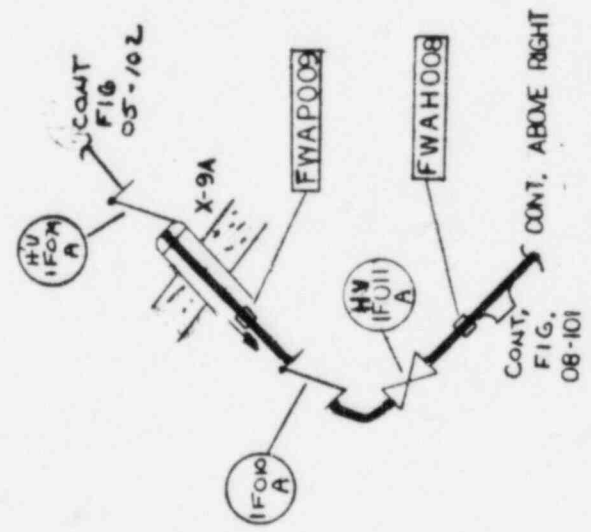
REF. BECHTEL DWG.
 DBB 104-1 REV. 10
 M-41 REV. 14

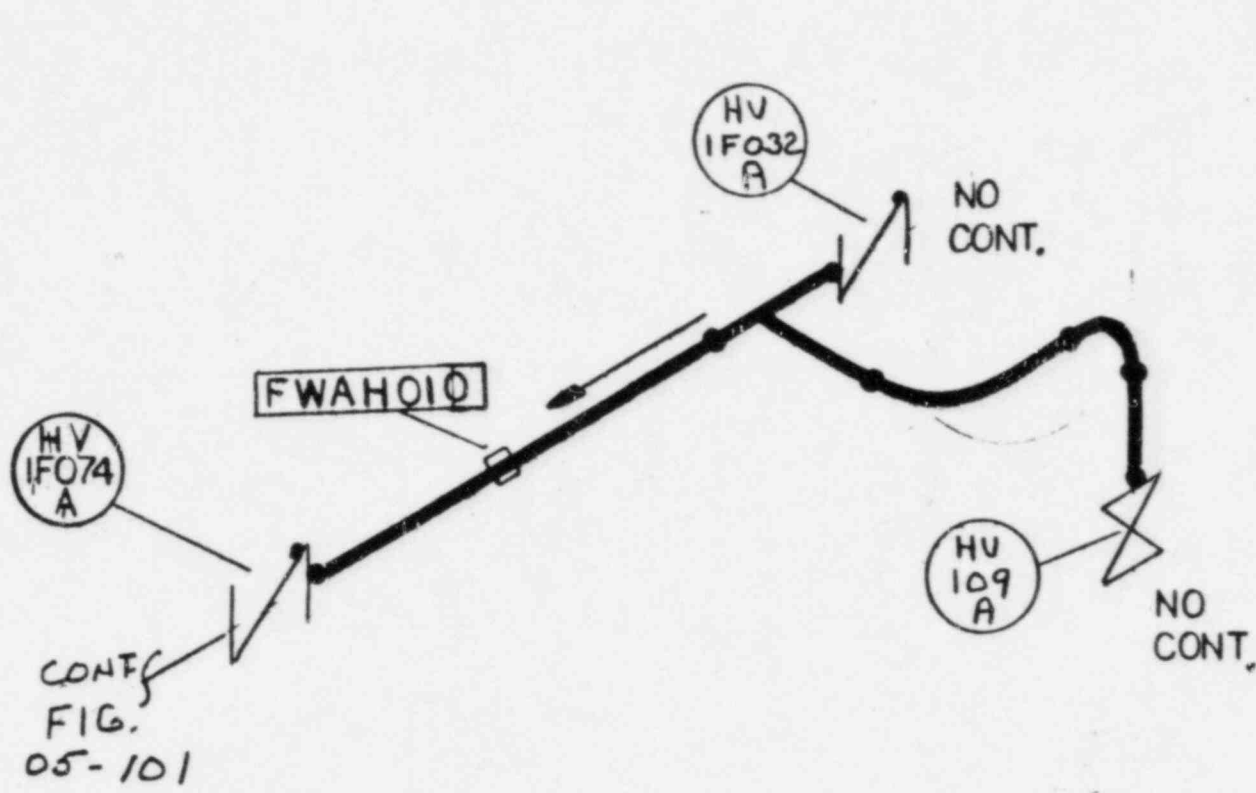
 NUCLEAR ENERGY SERVICE CO. NES DIVISION	
SYSTEM NO. 15	TITLE Feedwater Loop B Weld Map
REV: 1	FIG. NO. 05-04
BY: 782	DATE: 5-28-82
APP: CR	DATE: 7-JUL-82
PROJECT:	5551 Limerick Unit 1
NOT TO SCALE	




REF BECHTEL DWGS
 DLA 107-1 REV.18
 DLA 105-1 REV.11

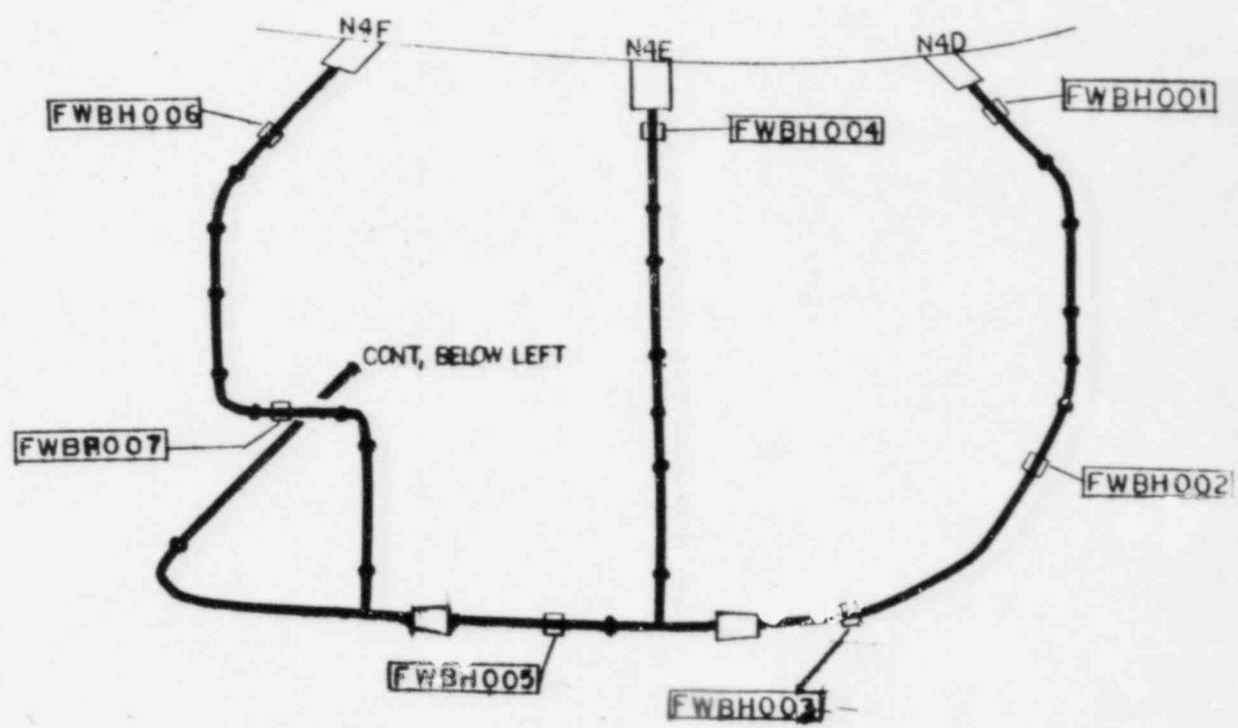
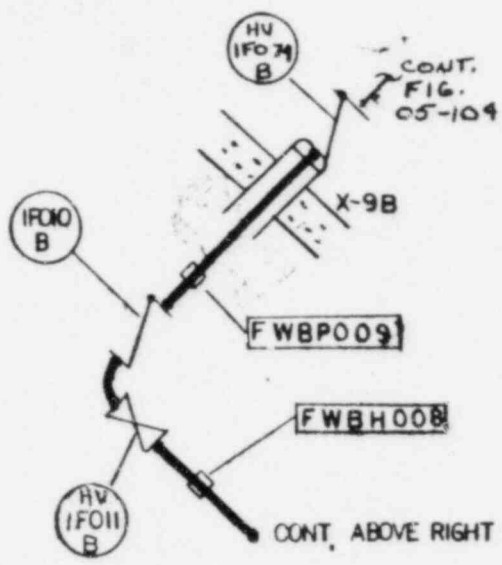
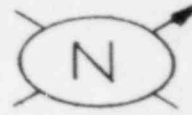
BECHTEL ENGINEERING INC. NEW YORK	
SYSTEM NO.	TITLE
12	Feedwater Loop A Hanger Map
REV. 2	FIG. NO. 05-101
BY: JRP	DATE: 7-2-68
APP: CTZ	DATE: 11-5-68
PROJECT: 5551 Limerick Unit 1	
NES 112 NOT TO SCALE	






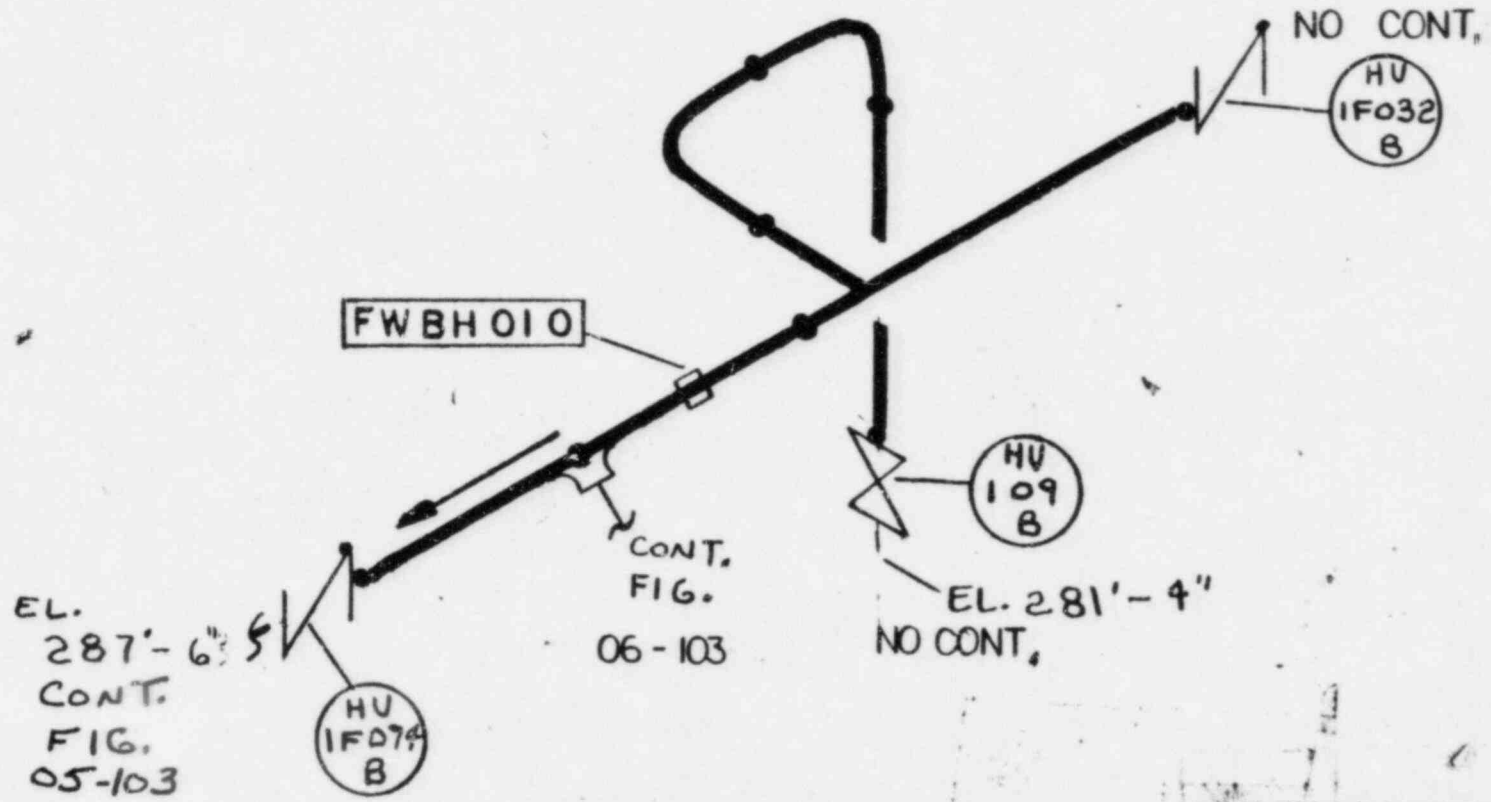
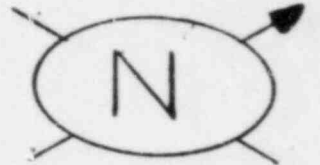
REF BECHTEL DWG
 DBB 103 -1 REV. 8

 NUCLEAR ENERGY SERVICES CO. <small>NEB DIVISION</small>	
SYSTEM NO.	TITLE
15	Feedwater Loop A Hanger Map
REV: 1	FIG. NO. 05-102
BY: JRP	DATE: 7-2-82
APP: CTE	DATE: 11-11-82
PROJECT: 5551 Limerick Unit 1	
NEB 112	NOT TO SCALE




REF BECHTEL DWGS
 DLA 106-1 REV.10
 DLA 108-1 REV.14

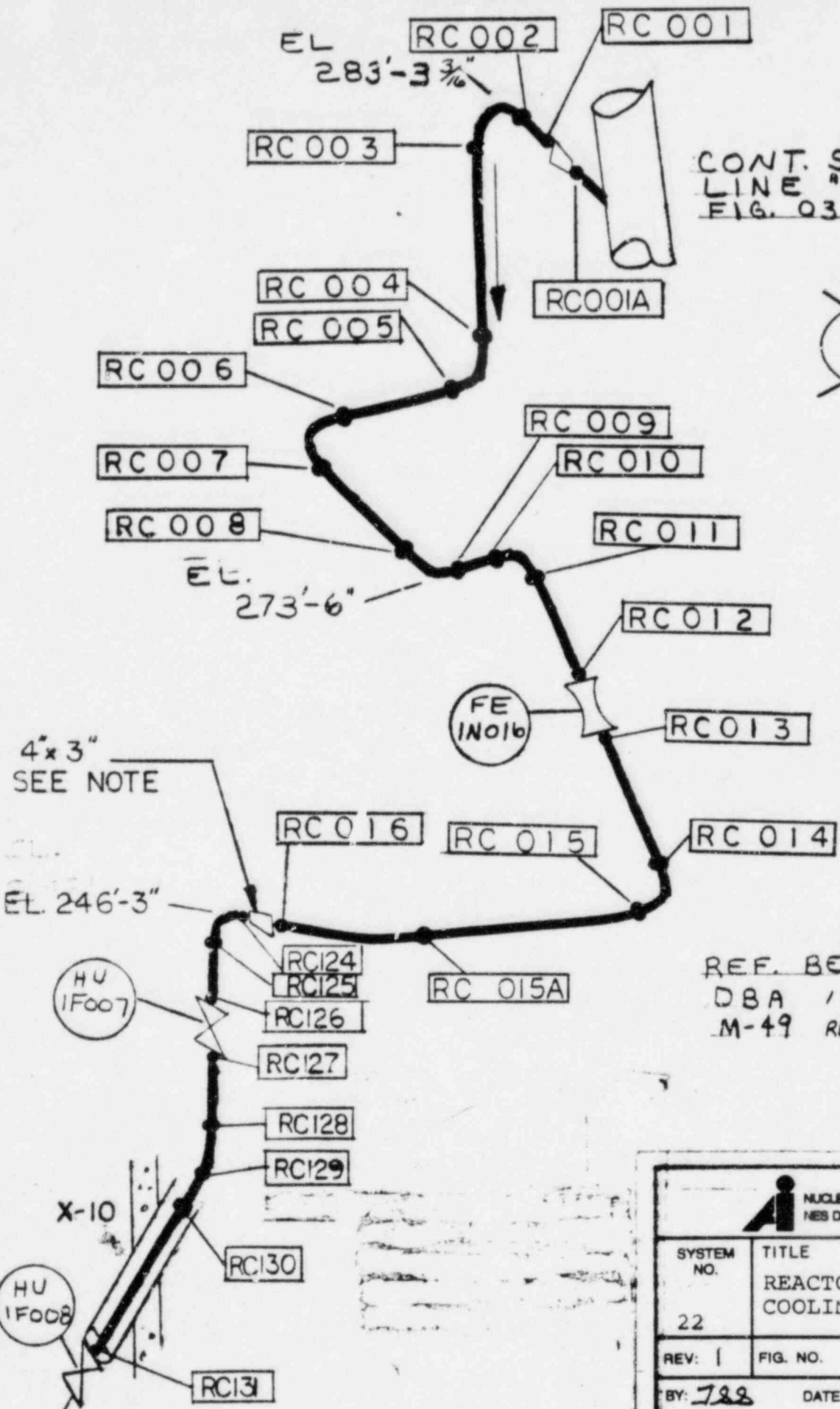
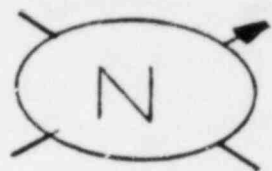
 NUCLEAR ENERGY SERVICES, INC. NEW ORLEANS	
SYSTEM NO. 12	TITLE Feedwater Loop B Hanger Map
REV. 2	FIG. NO. 05-103
BY: JP	DATE 7-2-82
APP: CST	DATE 12.31.81
PROJECT: 5551 Limerick Unit 1	
NOT TO SCALE	
NES 112	



REF. BECHTEL DWG.
DBB 104-1 REV.10

 NUCLEAR ENERGY SERVICES, INC. NES DIVISION	
SYSTEM NO. 15	TITLE Feedwater Loop B Hanger Map
REV: 1	FIG. NO. 05-104
BY: JRP	DATE: 7-2-82
APP: CSE	DATE: 12-78
PROJECT: 5551 Limerick Unit 1	
NES 112	NOT TO SCALE

CONT. STEAM
LINE "B"
FIG. 03-01




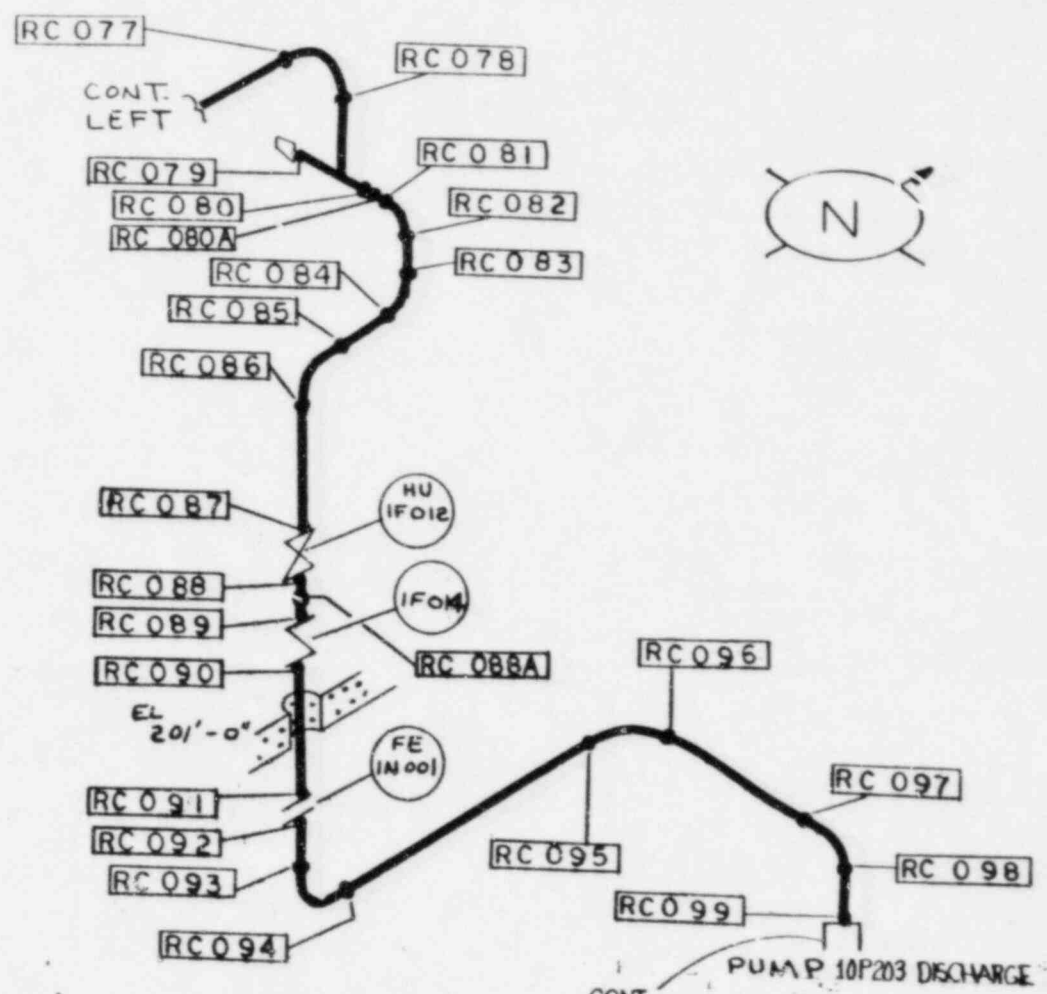
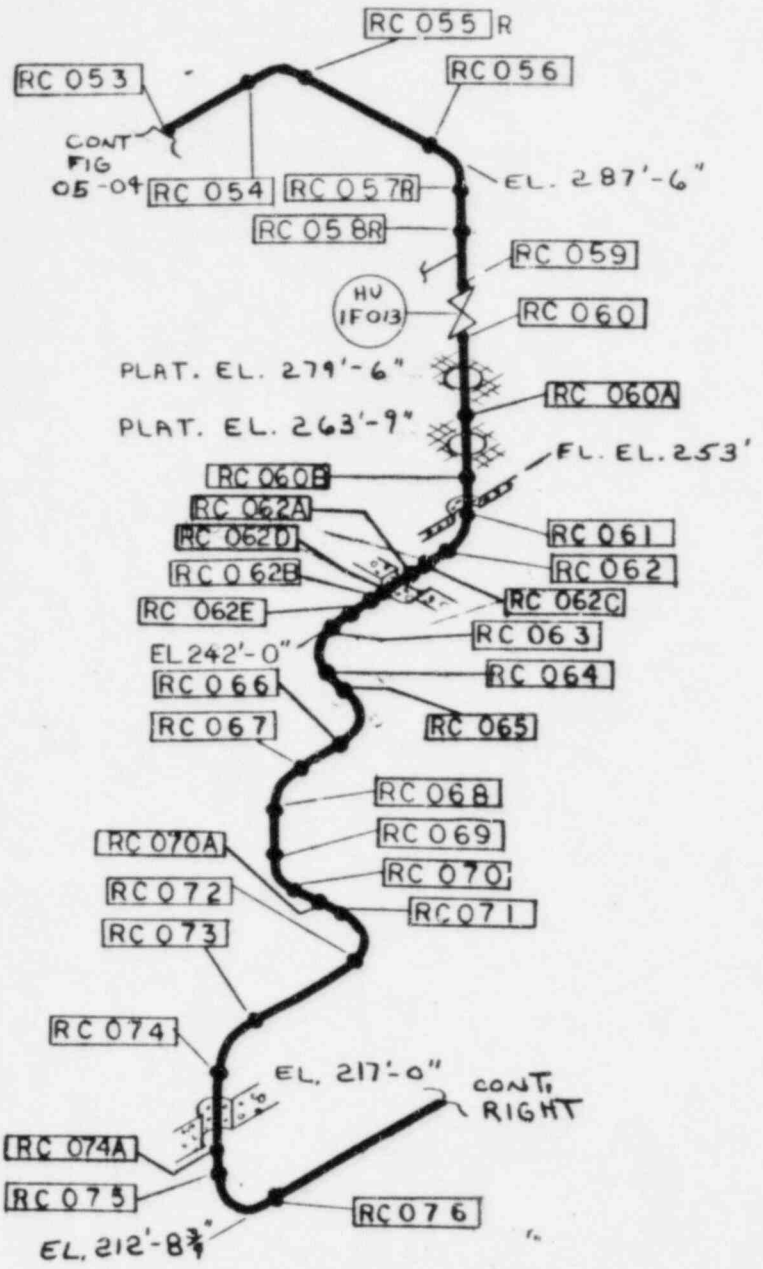
REF. BECHTEL DWG.
DBA 107-1 REV. 19
M-49 REV. 15

4x3"
SEE NOTE

EL. 246'-3"

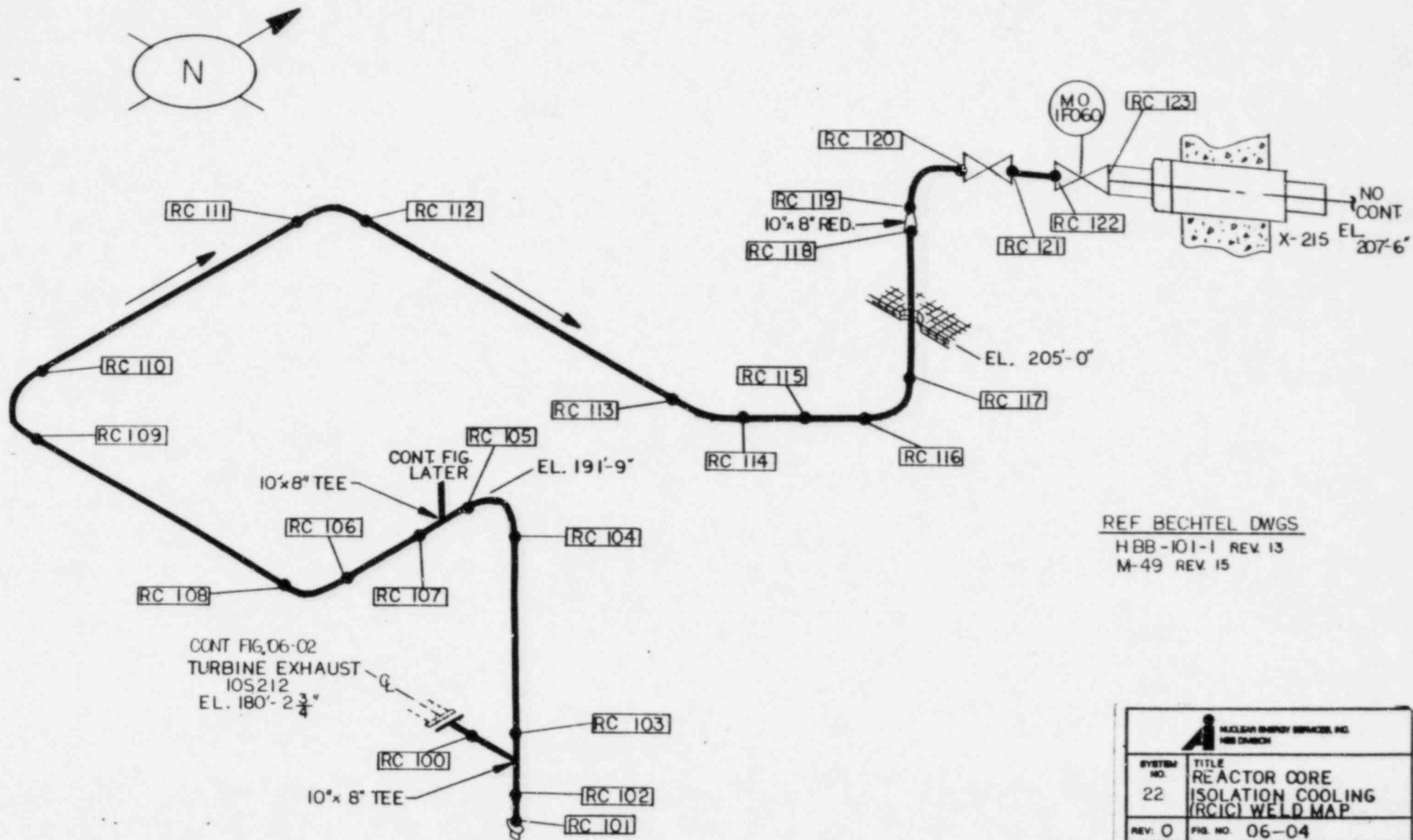
CONT. FIG.
06-02

 NUCLEAR ENERGY SERVICES, INC. NES DIVISION	
SYSTEM NO.	TITLE
22	REACTOR CORE ISOLATION COOLING (RCIC) WELD MAP
REV: 1	FIG. NO. 06-01
BY: 728	DATE: 5-28-82
APP: CJE	DATE: 9 JUL 82
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	
NES 112	




REF. BECHTEL DWGS.
 DBB 101-1 Rev. 7
 EBB 135-1 Rev. 16
 EBB 126-1 Rev. 13
 M-49 Rev. 15

 U.S. ATOMIC ENERGY COMMISSION WASHINGTON, D.C.	
SYSTEM NO. 22	TITLE REACTOR CORE ISOLATION COOLING, (RCIC) WELD MAP
REV. 2	FIG. NO. 06-03
BY: JRS	DATE: 5-28-62
APP: CSR	DATE: 9.20.62
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	



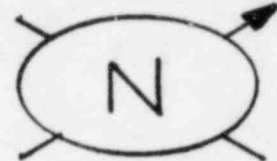
REF BECHTEL DWGS
 HBB-101-1 REV 13
 M-49 REV 15

 NUCLEAR ENERGY SERVICES, INC. HBB DIVISION	
SYSTEM NO. 22	TITLE REACTOR CORE ISOLATION CORE (RCIC) WELD MAP
REV: 0	FIG. NO. 06-04
BY: J.S.B.	DATE: 5-28-62
APP: C.J.E.	DATE: 7 JUL 62
PROJECT: 5551 LIMERICK UNIT I	
NOT TO SCALE	

EL. 283'-3 3/16"

CONT. STEAM LINE
"B" FIG 03-101

RCH001



RCH002

RCP003

EL. 273'-6"

FE
1N016

RCP005

EL. 243'-6"

RCP004


HV
1F007

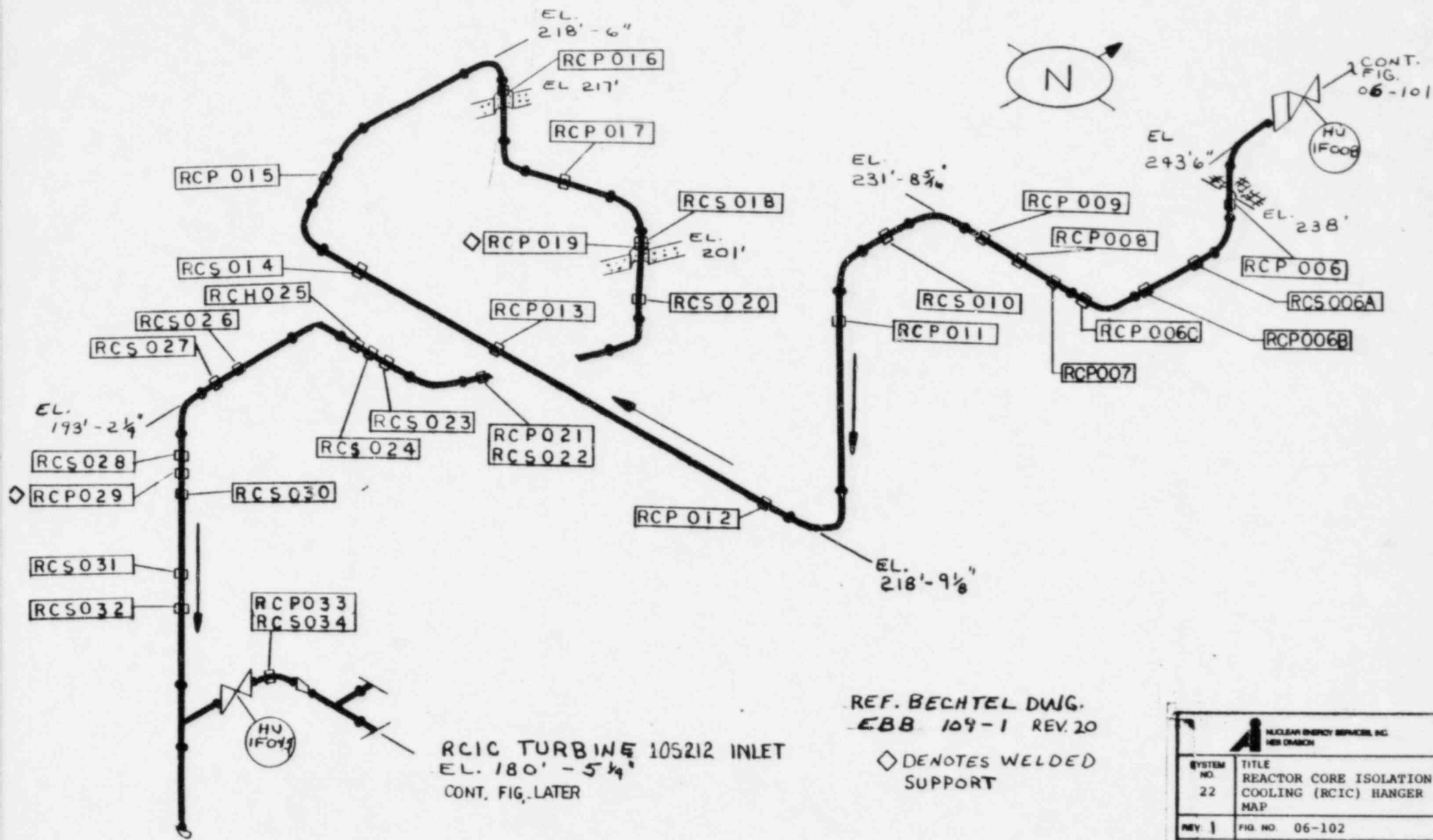
REF. BECHTEL DWG.
DBA 107-1 REV. 19

HV
1F008

X-10

CONT. FIG.
06-102

 NUCLEAR ENERGY SERVICES, INC. NES DIVISION	
SYSTEM NO. 22	TITLE REACTOR CORE ISOLATION COOLING (RCIC) HANGER MAP
REV: 2-	FIG. NO. 06-101
BY: JRP	DATE: 7-2-82
APP: CR	DATE: 12/82
PROJECT: 5551 LIMERICK UNIT 1	



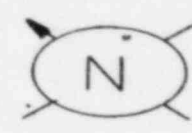
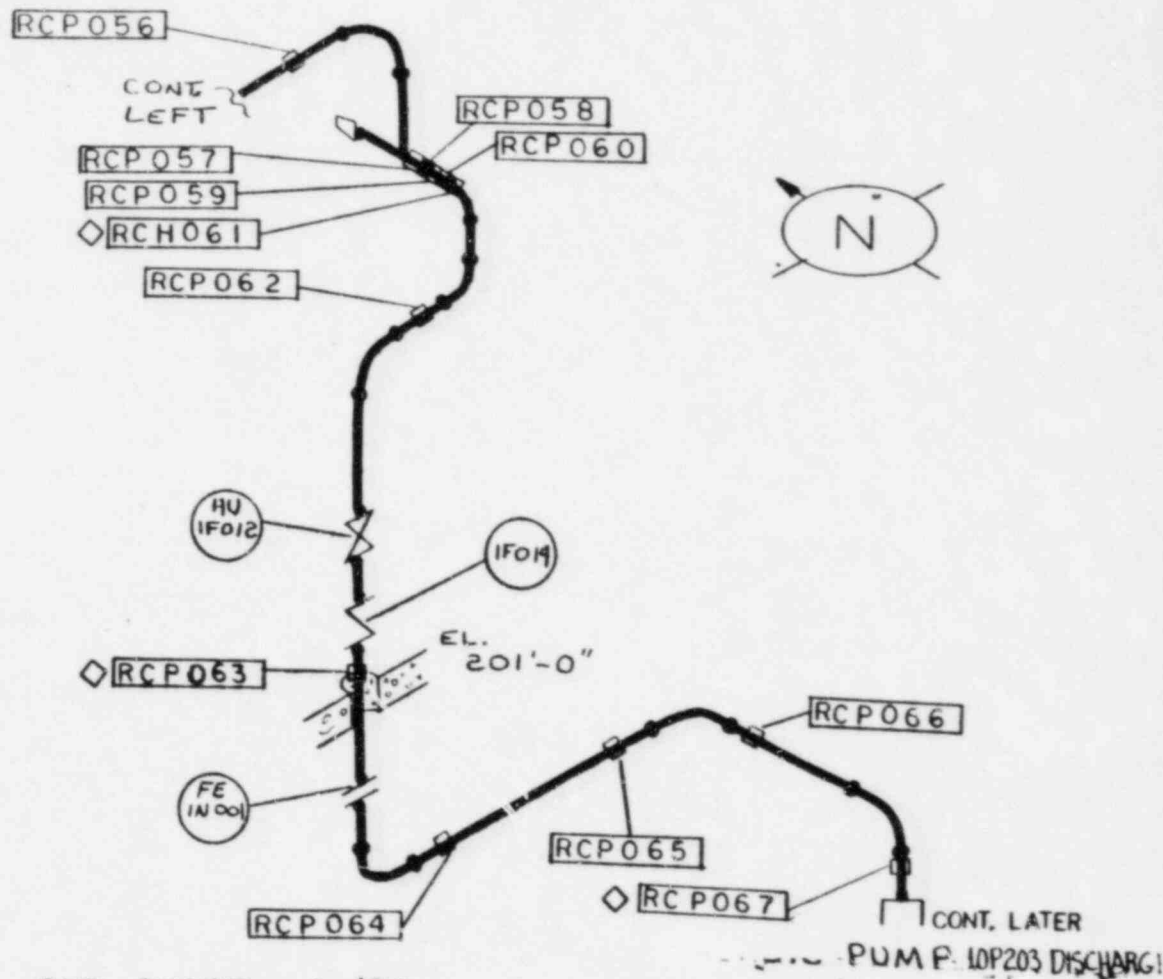
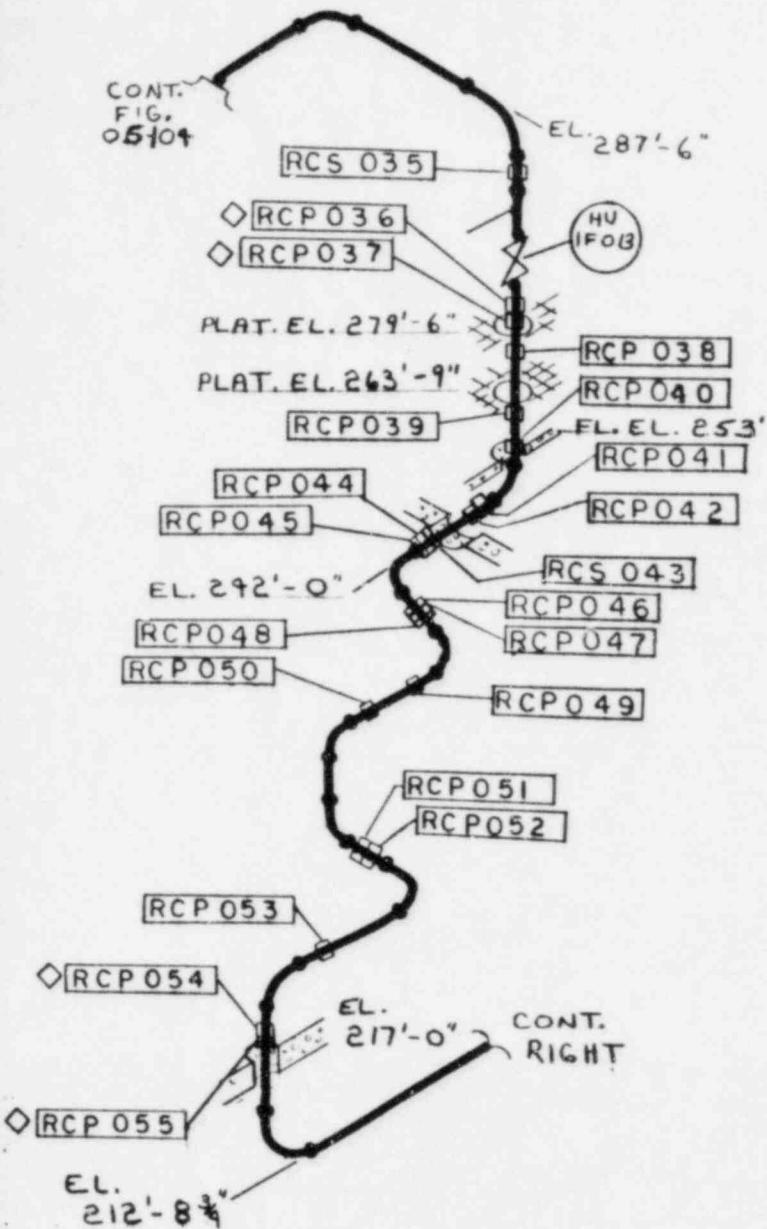
RCIC TURBINE 105212 INLET
 EL. 180' - 5 1/4"
 CONT. FIG. LATER

REF. BECHTEL DWG.
 EBB 109-1 REV. 20

◇ DENOTES WELDED
 SUPPORT

SYSTEM NO. 22	TITLE REACTOR CORE ISOLATION COOLING (RCIC) HANGER MAP
REV. 1	FIG. NO. 06-102
BY: JEP APP: C.T.	DATE: 7-28-82 DATE: 1-31-82
PROJECT. 5551 LIMERICK UNIT 1	
NOT TO SCALE	

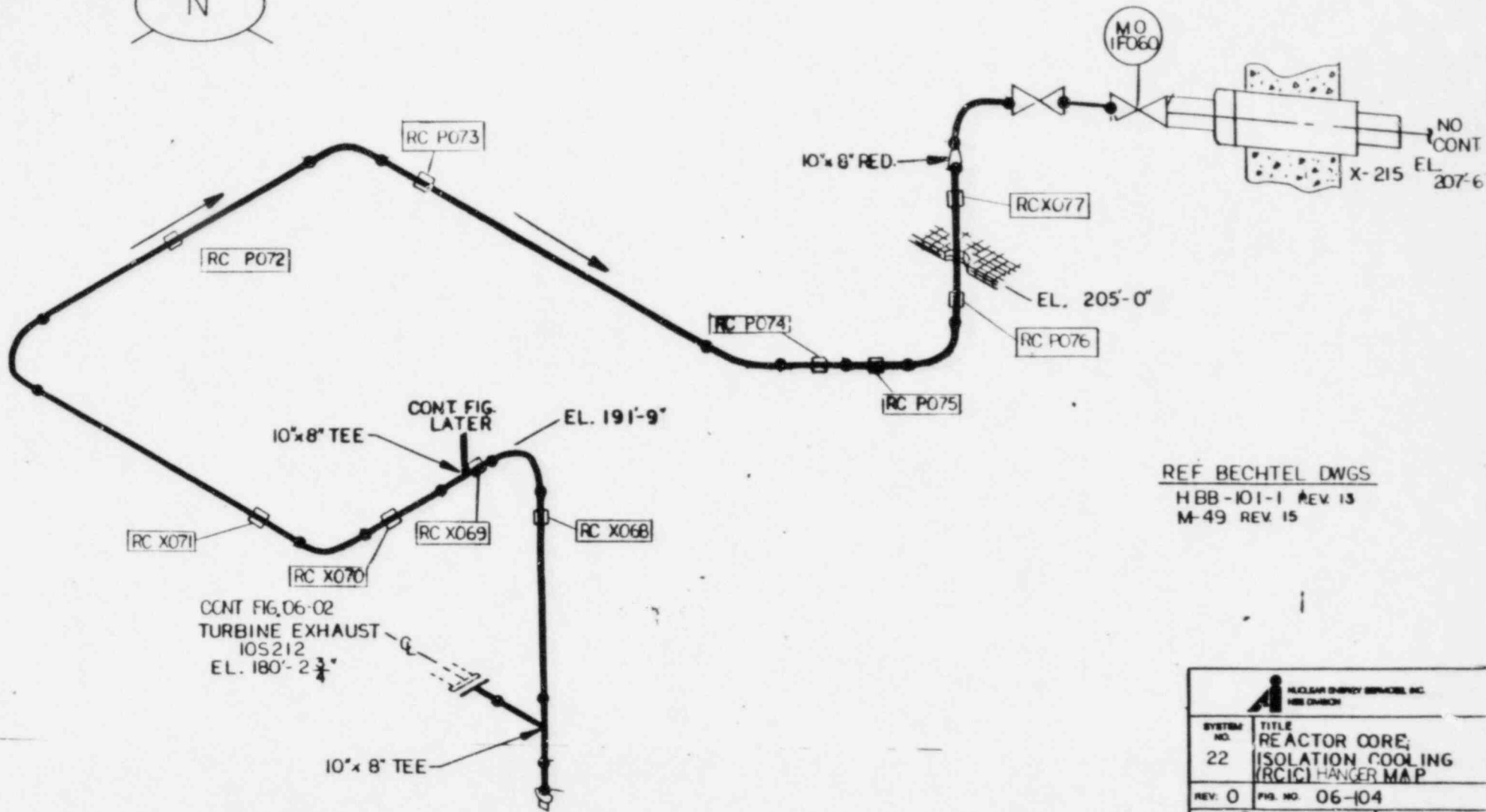
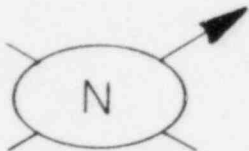
CONT.
FIG.
05104



REF. BECHTEL DWGS.
 DBB 101-1 REV. 7
 EBB 135-1
 EBB 126-1 REV. 13

◇ DENOTES WELDED SUPPORT

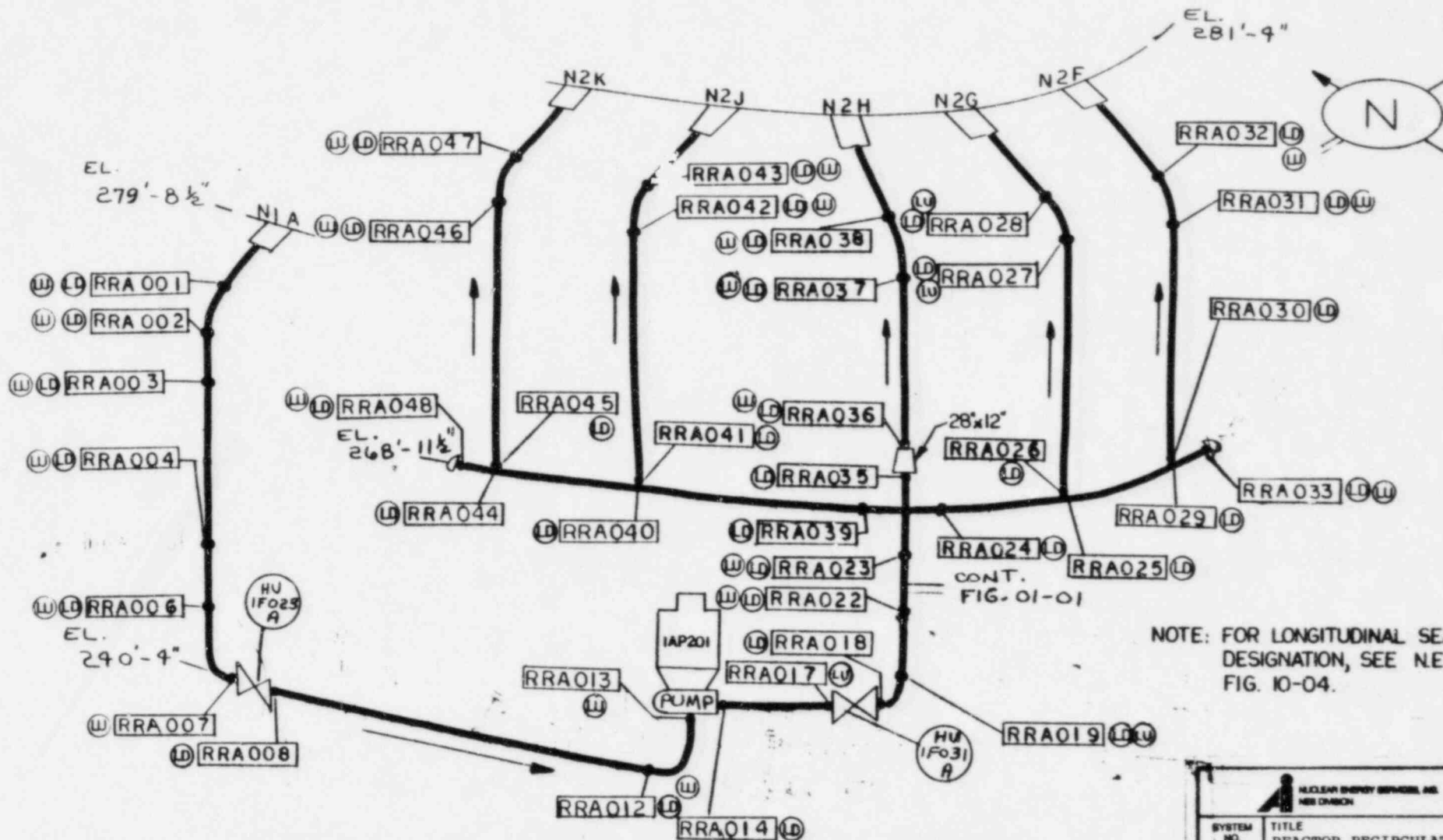
SYSTEM NO. 22	TITLE REACTOR CORE ISOLATION COOLING (RCIC) HANGER MAP
REV. 1	FIG. NO. 06-103
BY: JEP APP. CTR	DATE: 7-2-82 DATE: 12 JUL
PROJECT: 5551 LIMERICK UNIT 1	
NEB 112	NOT TO SCALE



REF BECHTEL DWGS
 HBB-101-1 REV 13
 M-49 REV 15

 <small>NUCLEAR ENERGY SERVICES, INC. ONE DIVISION</small>	
SYSTEM NO. 22	TITLE REACTOR CORE ISOLATION COOLING (RCIC) HANGER MAP
REV: 0	FIG. NO. 06-104
By: JEP	DATE: 7/8/82
APP: CJZ	DATE: 8/24/82
PROJECT: 5551 LIMERICK UN. 1	
NOT TO SCALE	

NE3 113

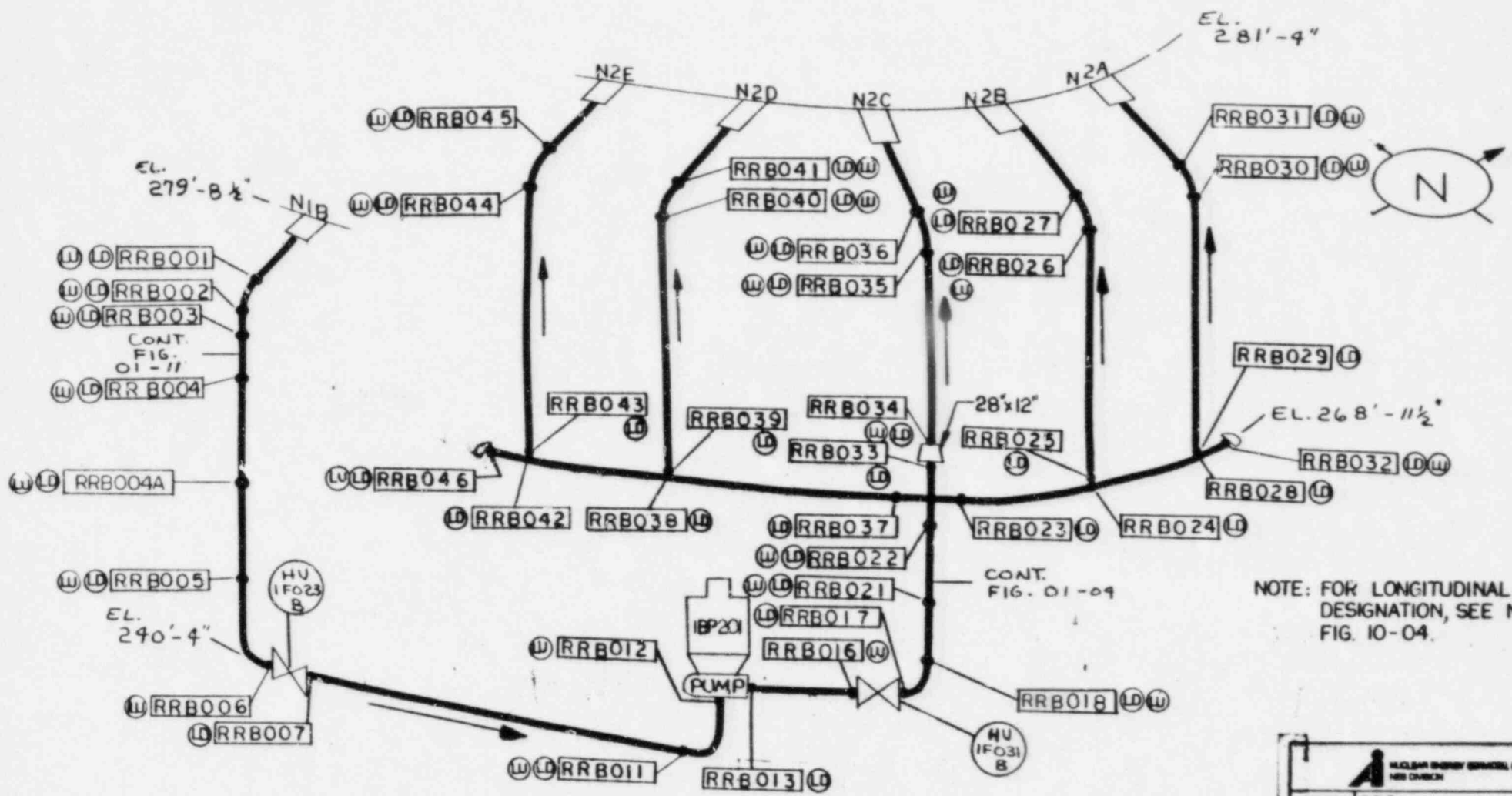


CONT.
FIG. 01-01

NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE N.E.S. FIG. 10-04.


Ref. Drawgs.
Bochtel 8081-m-1-B32-G001-1.11
G.E. 761E454
M-43 REV. 14

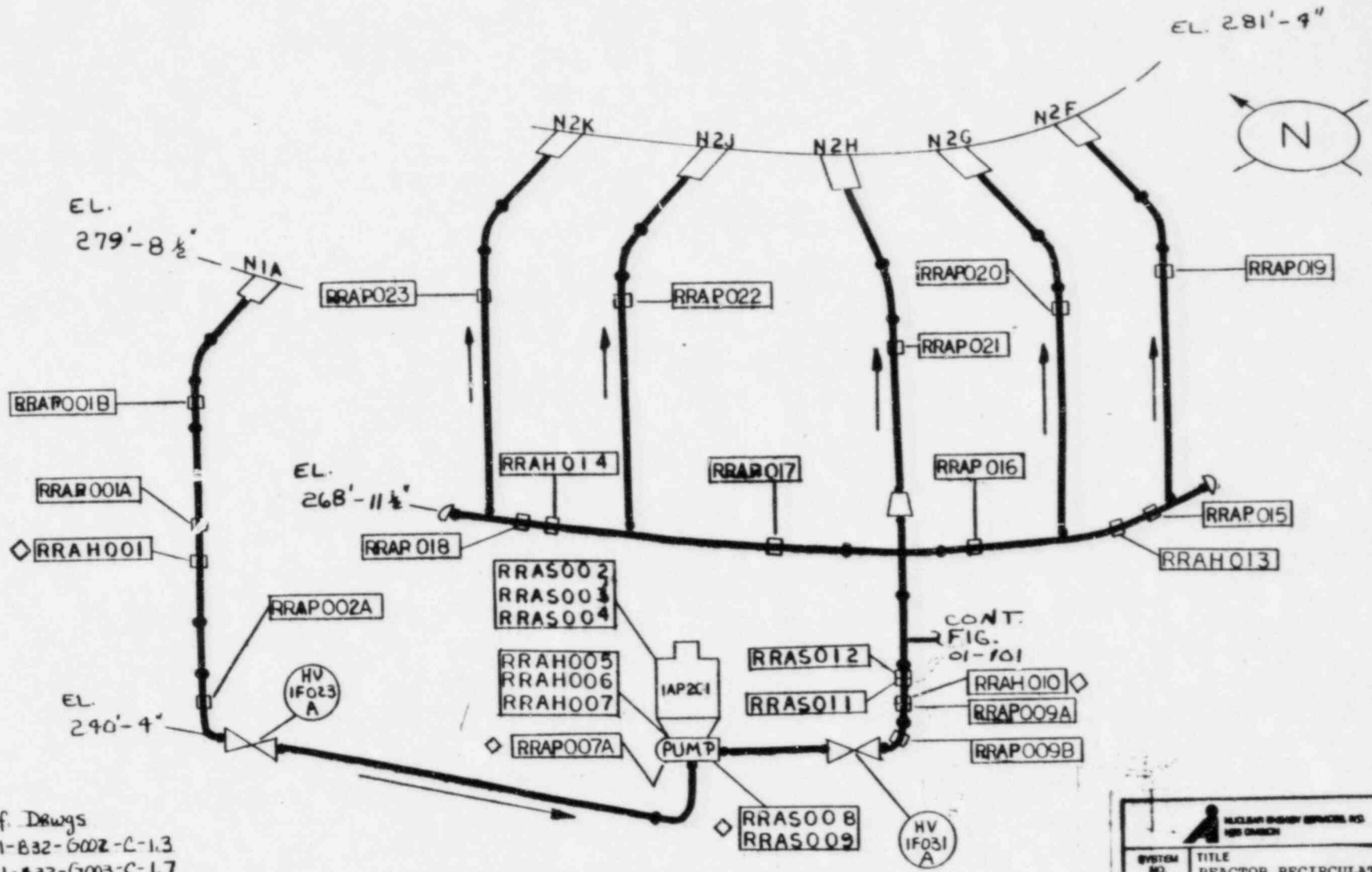
SYSTEM NO.	TITLE
REV. 2	REACTOR RECIRCULATION LOOP A WELD MAP
FIG. NO. 07-01	
BY: TAW	DATE: 5/29/62
APP: C32	DATE: 9/24/62
PROJECT:	5551 LIMERICK UNIT 1
NFS 112	NOT TO SCALE



NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE N.E.S. FIG. 10-04.

Ref. Dwg.
 Bechtel 8031-m-1-832-6001-1.11
 G.E. 761E454
 M-43 REV. 14

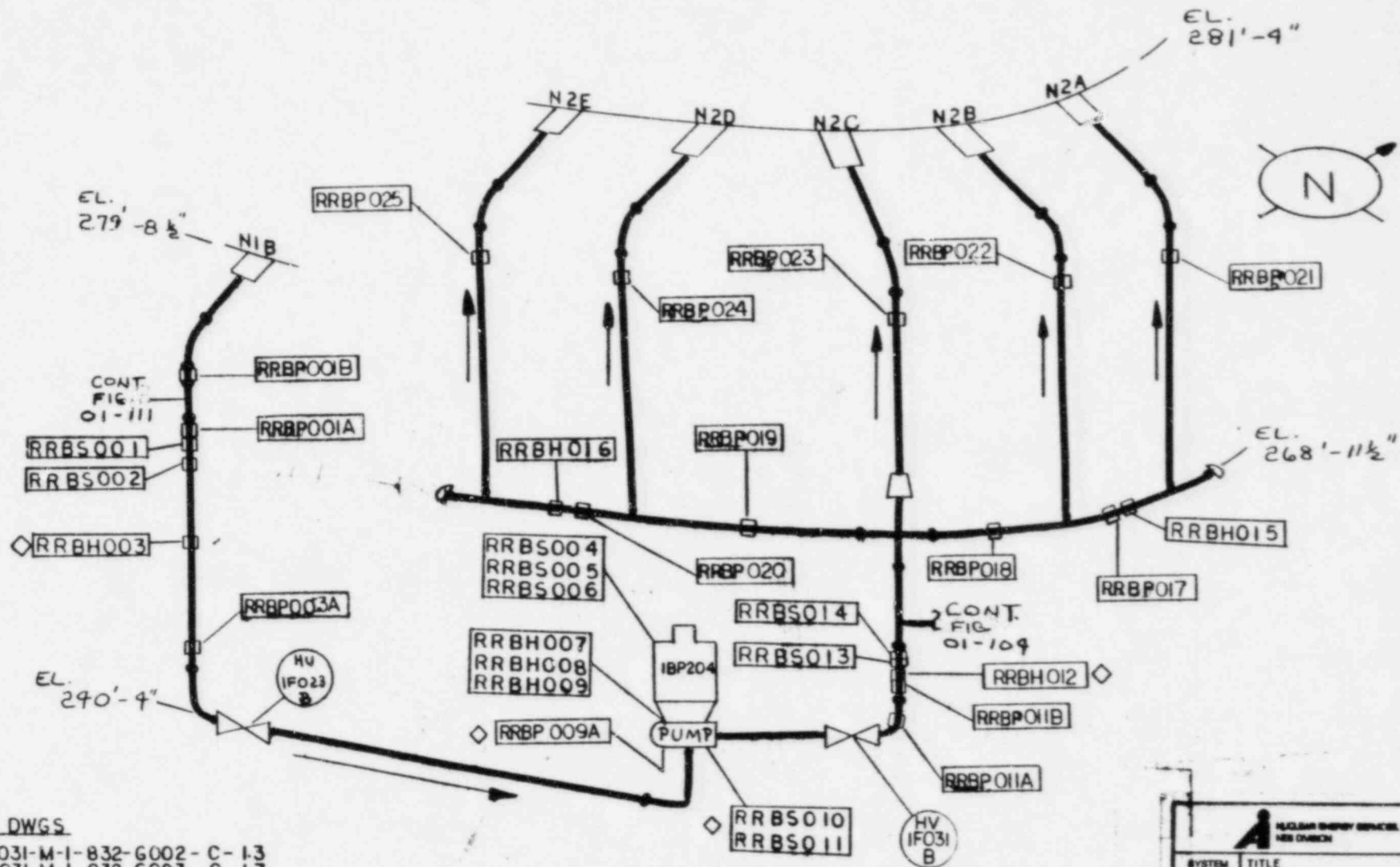
 <small>NUCLEAR ENERGY DIVISION WESTINGHOUSE</small>	
SYSTEM NO.	TITLE REACTOR RECIRCULATION LOOP B WELD MAP
REV: 2	FIG. NO. 07-02
BY: TEW	DATE: 5/21/82
APP: CR	DATE: 9/22/82
PROJECT:	5551 LIMERICK UNIT 1
NEB 112	NOT TO SCALE



Ref. Drawgs
 Echtel 8031-M-1-B32-0002-C-1.3
 8031-M-1-B32-0003-C-1.7
 G.E. 761E920

◇ DENOTES WELDED HANGER

 <small>NUCLEAR ENERGY SERVICES, INC. NEW ORLEANS</small>	
SYSTEM NO.	TITLE REACTOR RECIRCULATION LOOP A HANGER MAP
REV: 2	FIG. NO. 07-101
BY: JRP	DATE: 7-2-62
APP: CJE	DATE: 11-2-62
PROJECT:	5551 LIMERICK UNIT 1
HEB 112	NOT TO SCALE



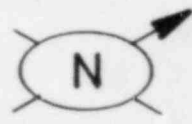
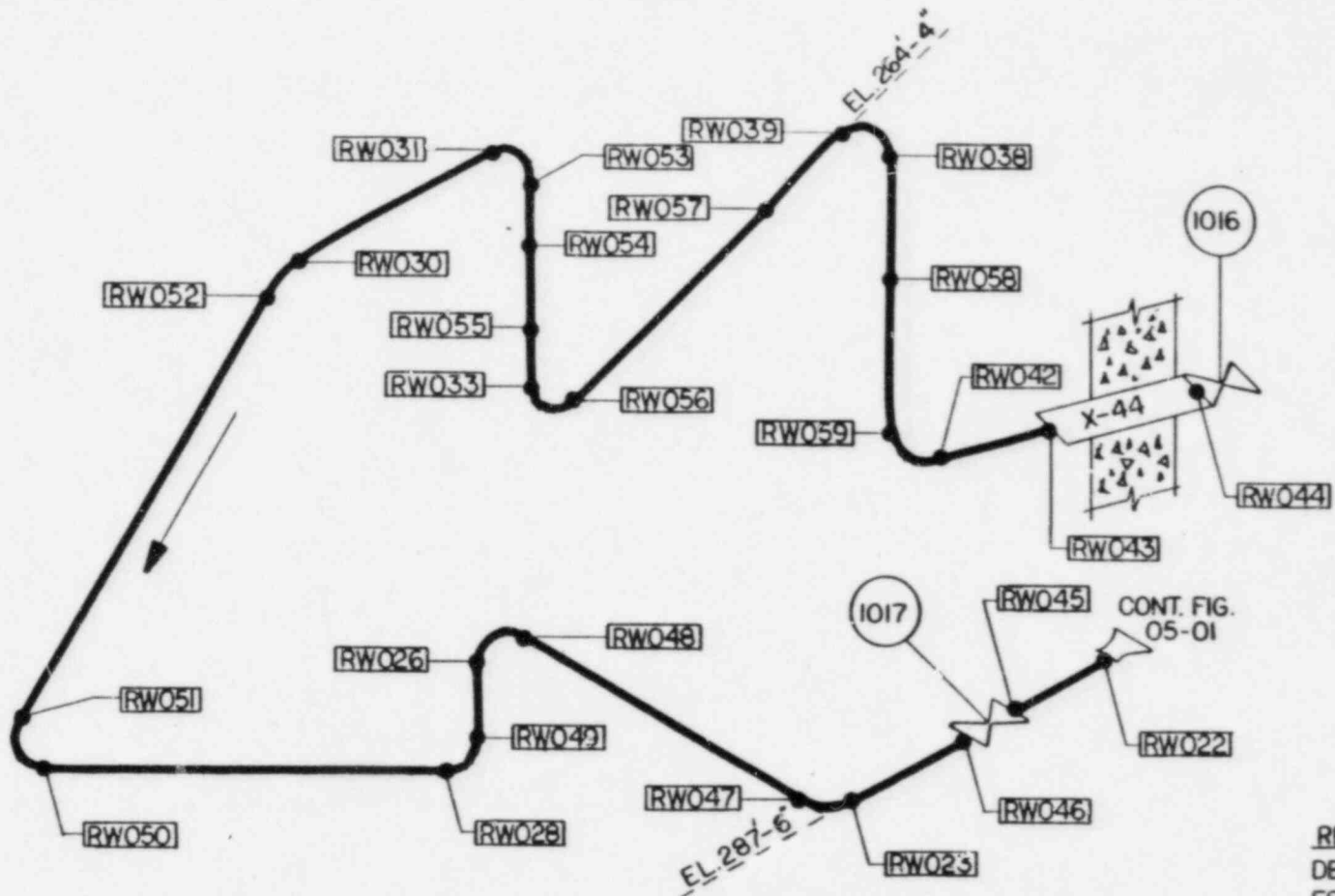
REF DWGS

BECHTEL 8031-M-1-832-G002-C-1.3
8031-M-1-832-G003-C-1.7

G.E. 761E920

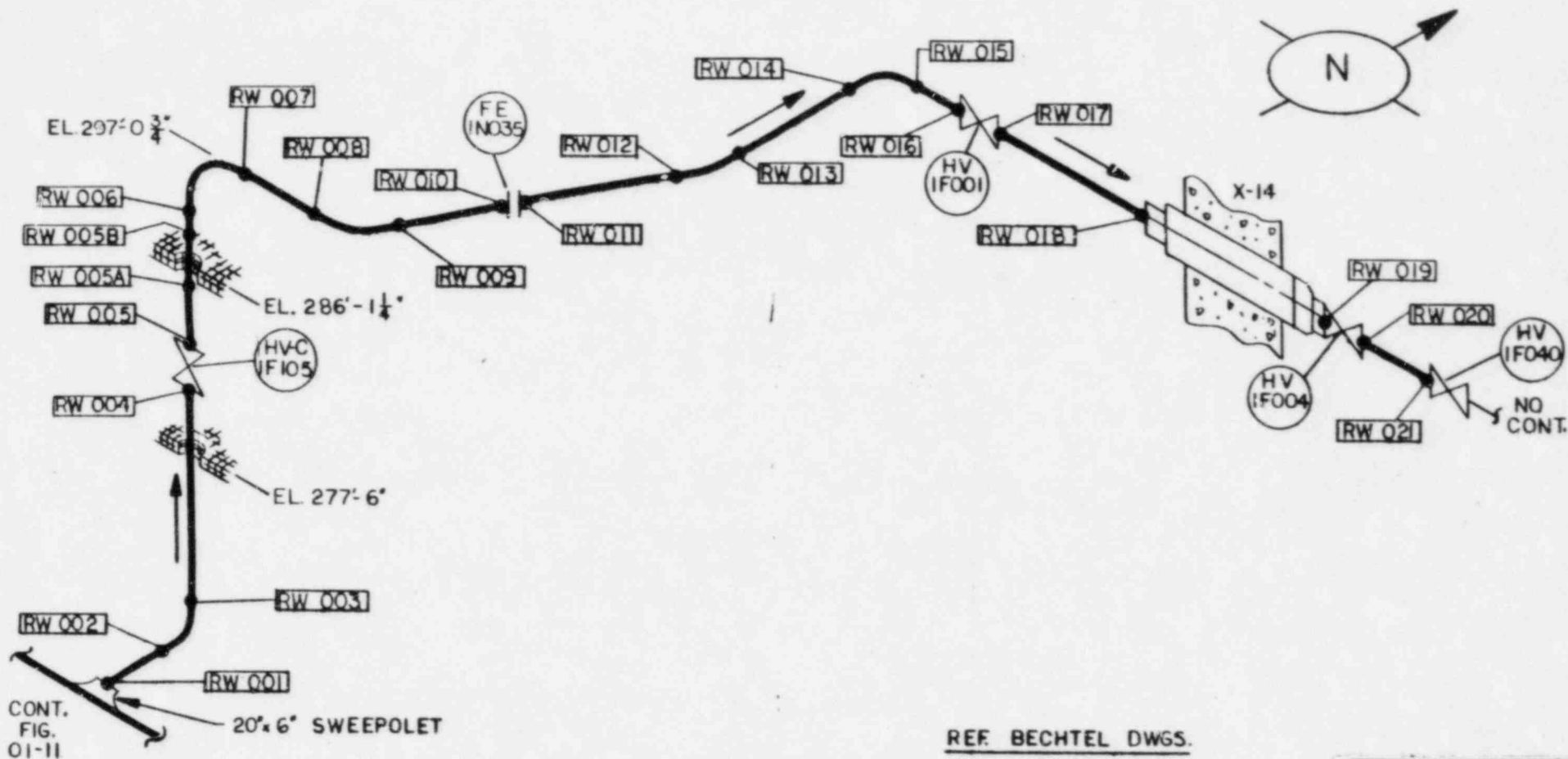
◇ DENOTES WELDED HANGER

SYSTEM NO.	TITLE REACTOR RECIRCULATION LOOP B HANGER MAP
REV. 2	FIG. NO. 07-102
BY: JRP	DATE: 7-28
APP: CTR	DATE: 1274
PROJECT: 5551 LIMERICK UNIT 1	
REV 12	NOT TO SCALE



REF. BECHTEL DWGS.
 DBA-112-2 REV. 4
 FSK DBA-112-2 SH.3 REV.4
 M-41 REV. 14

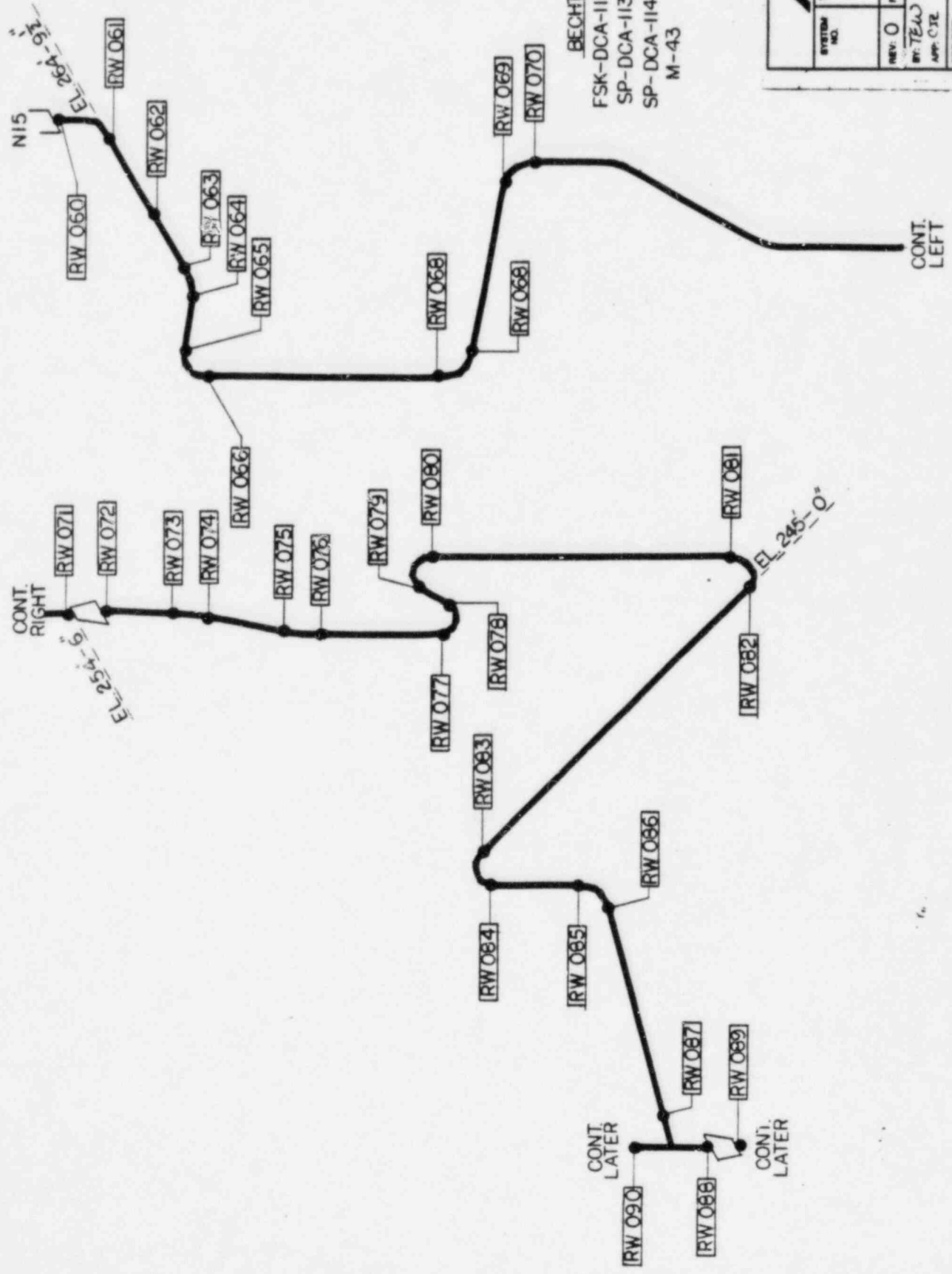
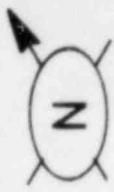
SYSTEM NO. 37	TITLE REACTOR WATER CLEAN UP WELD MAP
REV. 2	FIG. NO. 08-01
BY: TEL APP: CSE	DATE: 5/24/82 DATE: 9 JUL 82
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	



REF BECHTEL DWGS.

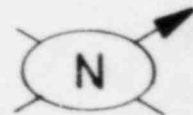
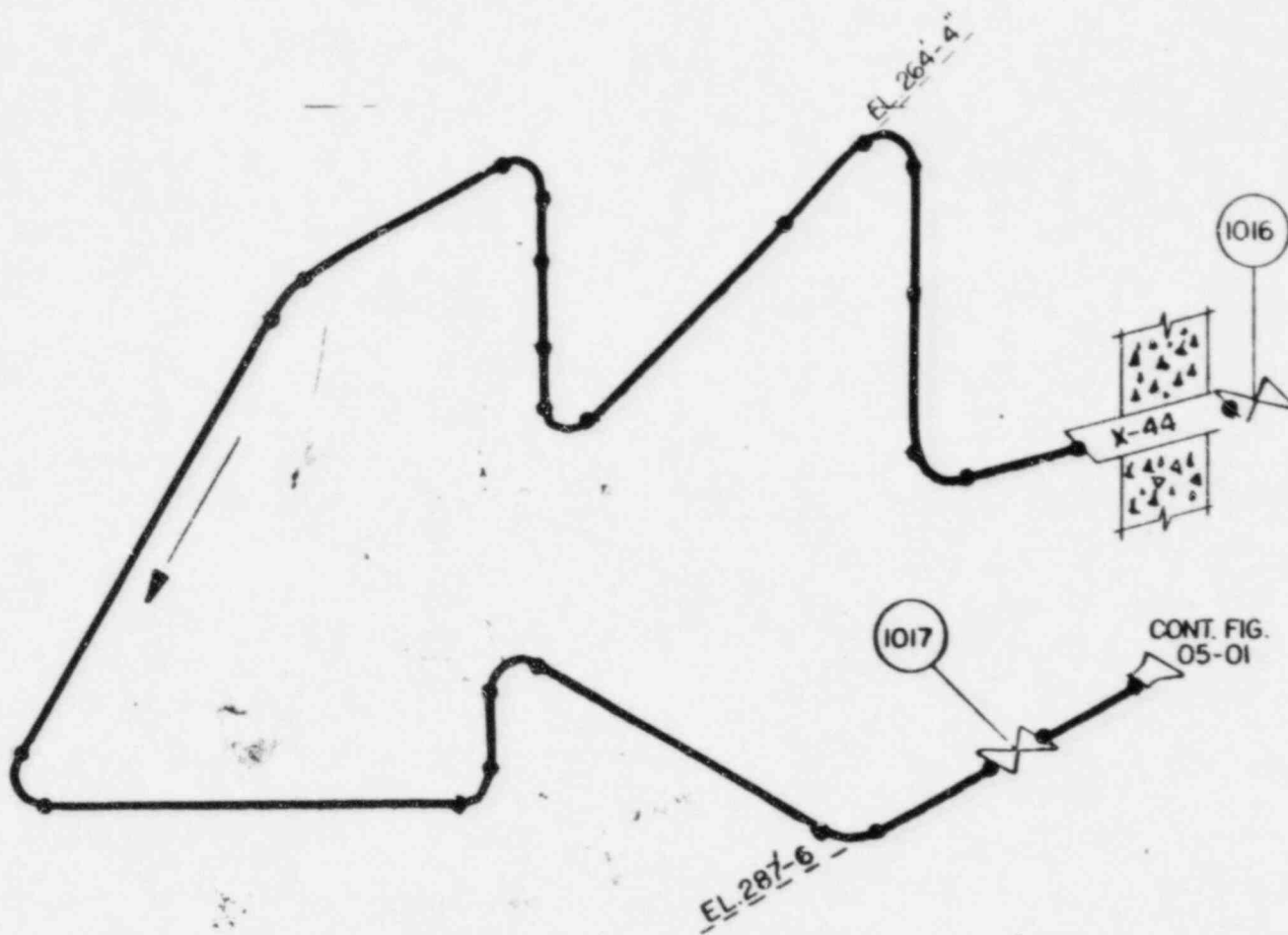
DCA-101-1 REV 10
 DCB-102-1 REV. 6
 M-43 REV. 14

SYSTEM NO. 37	TITLE REACTOR WATER CLEAN UP WELD MAI
REV. 0	FIG. NO. 08-02
BY: 188	DATE: 5-26-82
APP: CJR	DATE: 12-31-81
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	



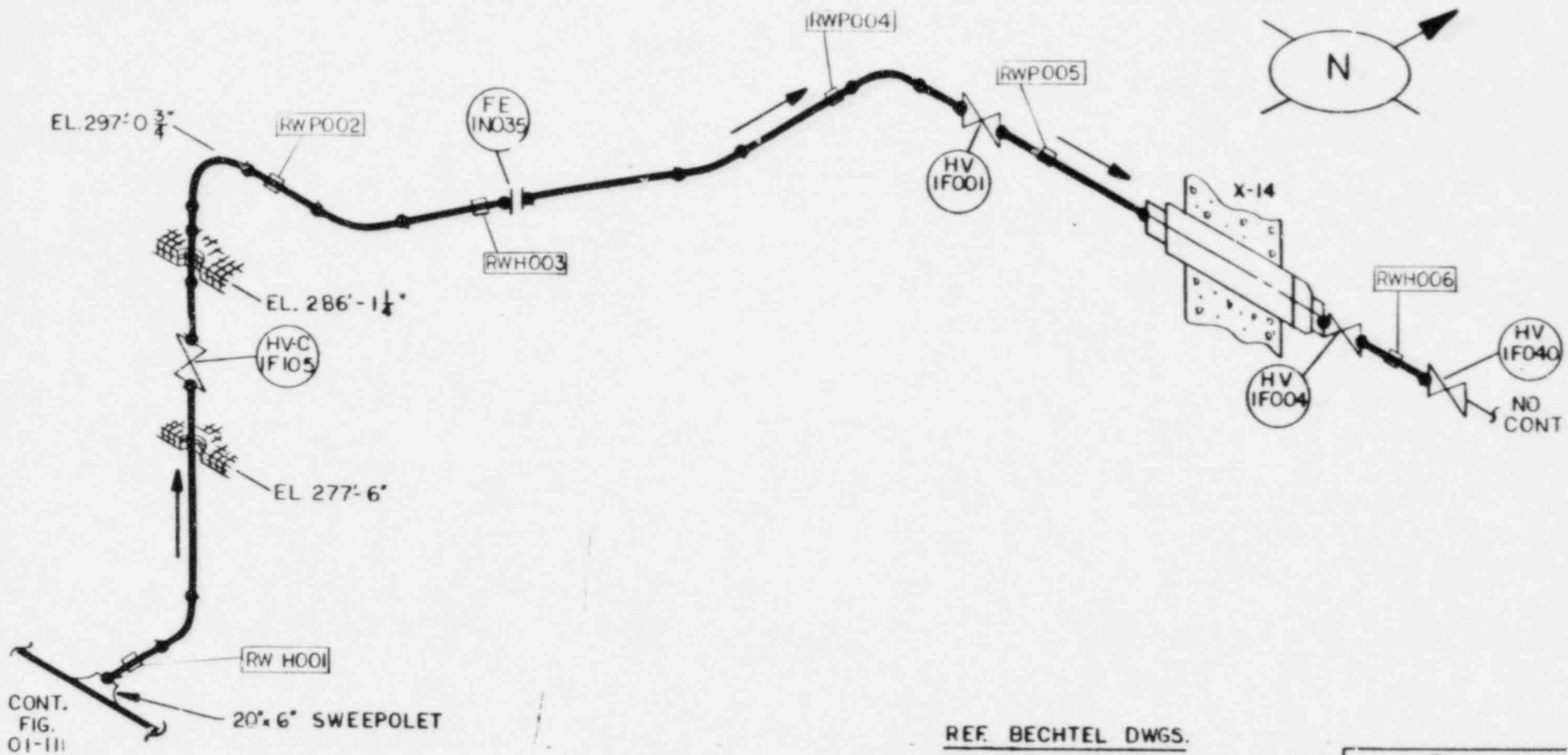
BECHTEL REF. DWGS.
FSK-DCA-113-1 REV. 2
SP-DCA-113-EI REV. 2
SP-DCA-114-EI REV. 2
M-43 REV. 14

SYSTEM NO.	TITLE REACTOR WATER CLEAN UP WELD MAP
REV. 0	FIG. NO. 08-03
BY: TEJW	DATE 6/1/82
APP: CJZ	DATE 11.20.81
PROJECT: 5551 LIMERICK UNIT 1	
NER 113	NOT TO SCALE




REF. BECHTEL DWGS.
 DBA-112-2 REV. 4
 FSK DBA-112-2 SH.3 REV. 4
 M-41 REV. 14

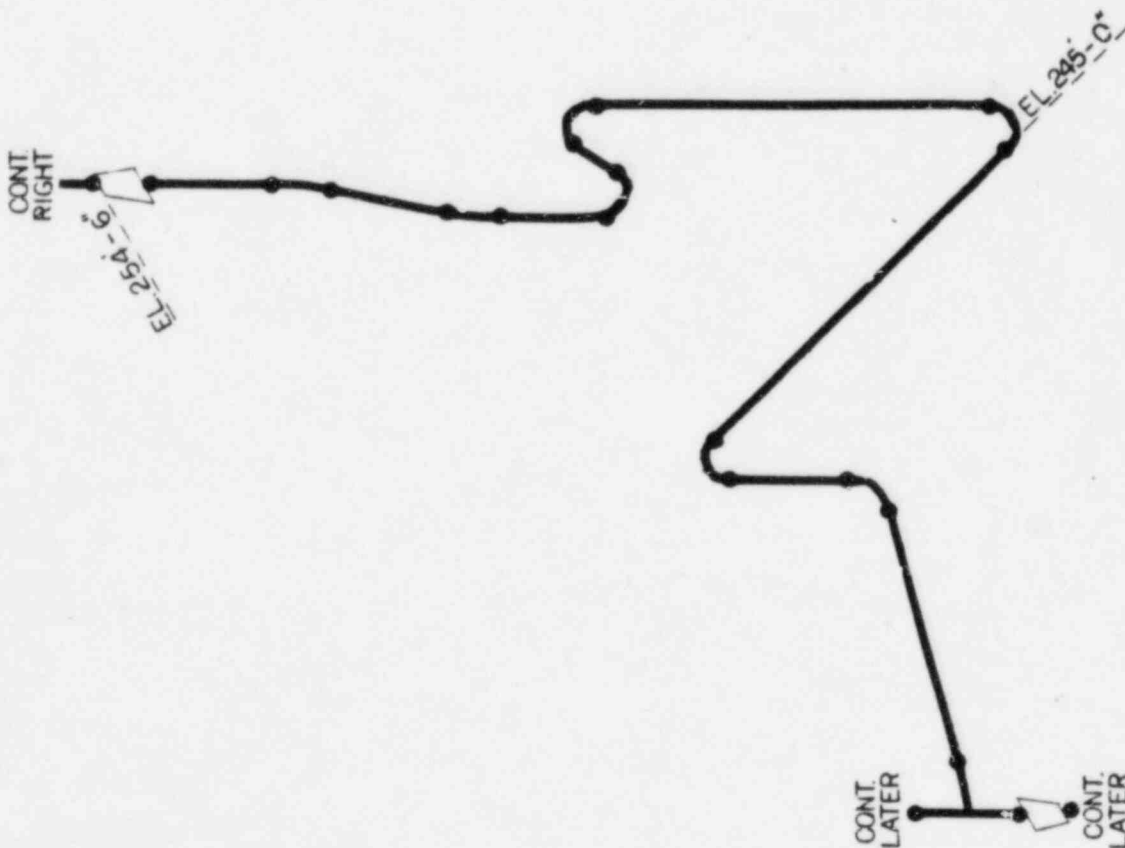
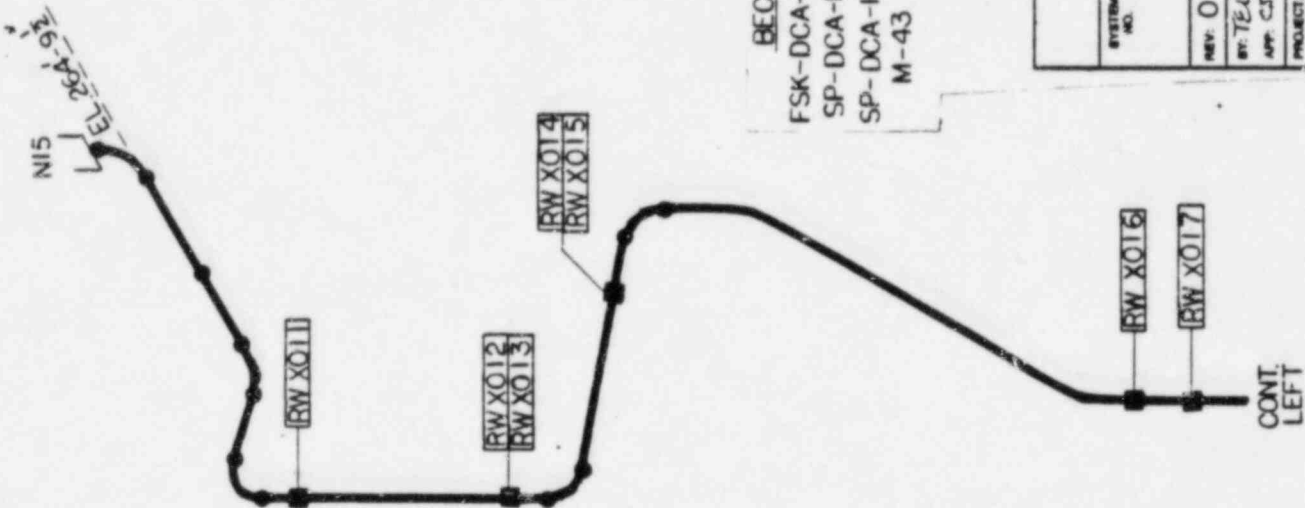
SYSTEM NO. 37	TITLE REACTOR WATER CLEAN UP HANGER MAP
REV. 2	FIG. NO. 08-101
BY JEP APP. C.J.L.	DATE 7 8 82 DATE 9 JUL 81
PROJECT 5551 LIMERICK UNIT I	
NOT TO SCALE	



REF. BECHTEL DWGS.

DCA-101-1 REV 10
 DCB-102-1 REV. 6
 M-43 REV. 14

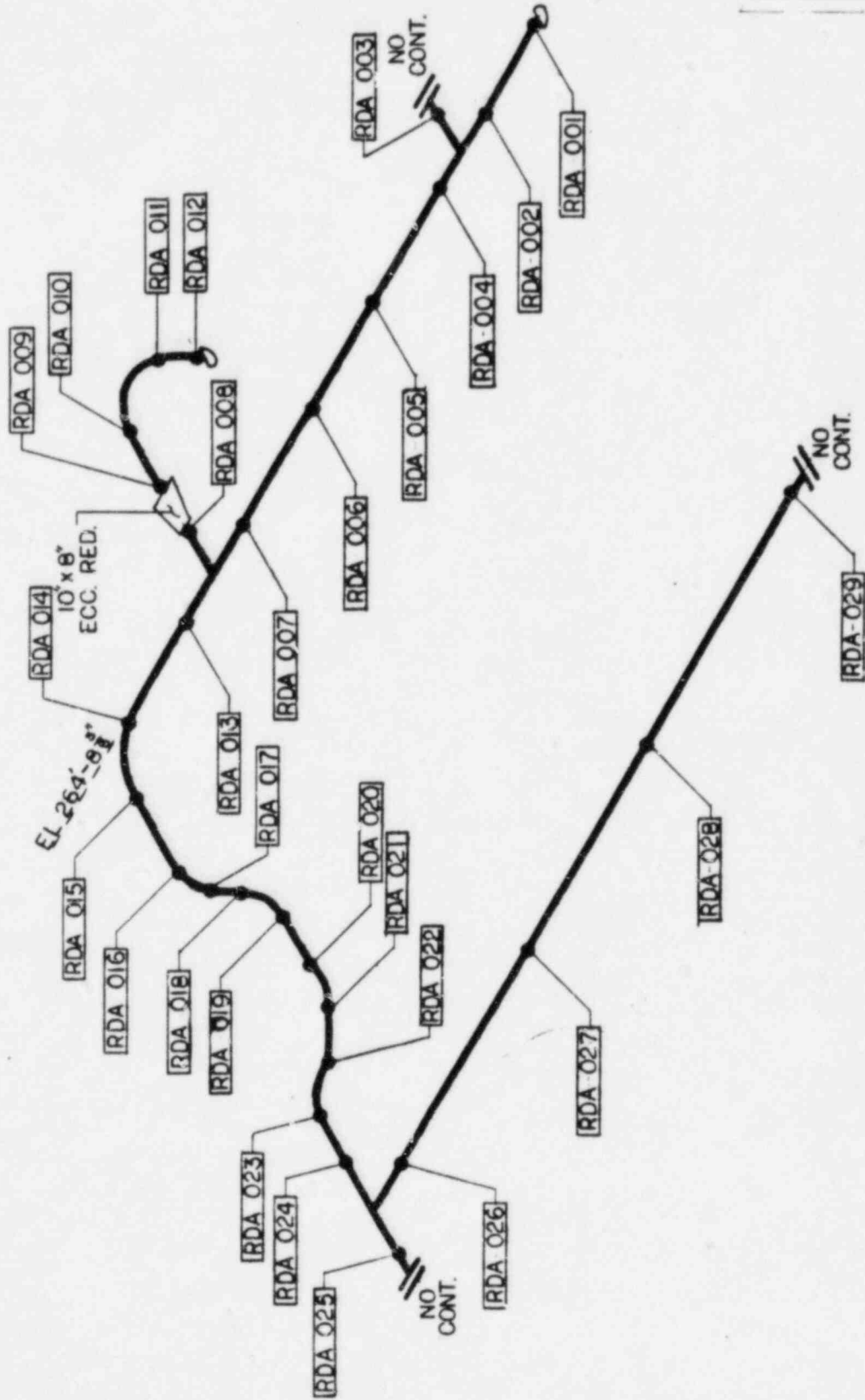
 NUCLEAR ENERGY SERVICES, INC. HES DIVISION	
SYSTEM NO. 37	TITLE REACTOR WATER CLEAN UP HANGER MAP
REV. 0	FIG. NO. 08-102
BY: JEP APP: CJR	DATE: 7-8-82 DATE: 12-31-82
PROJECT: 5551 LIMERICK UNIT 1	
HES 112 NOT TO SCALE	



BECHTEL REF. DWGS.

- FSK-DCA-113-1 REV. 2
- SP-DCA-113-EI REV. 2
- SP-DCA-114-EI REV. 2
- M-43 REV. 14

HALLBROOK SERVICE INC. HSE DIVISION	
SYSTEM NO.	TITLE REACTOR WATER CLEAN UP HANGER MAP
REV: 0	FIG. NO. 08-103
BY: TELJ	DATE: 6/1/82
APP: CJL	DATE: 12 JUL 82
PROJECT: 555J LIMERICK UNIT 1	
HSE 113 NOT TO SCALE	



REFERENCES

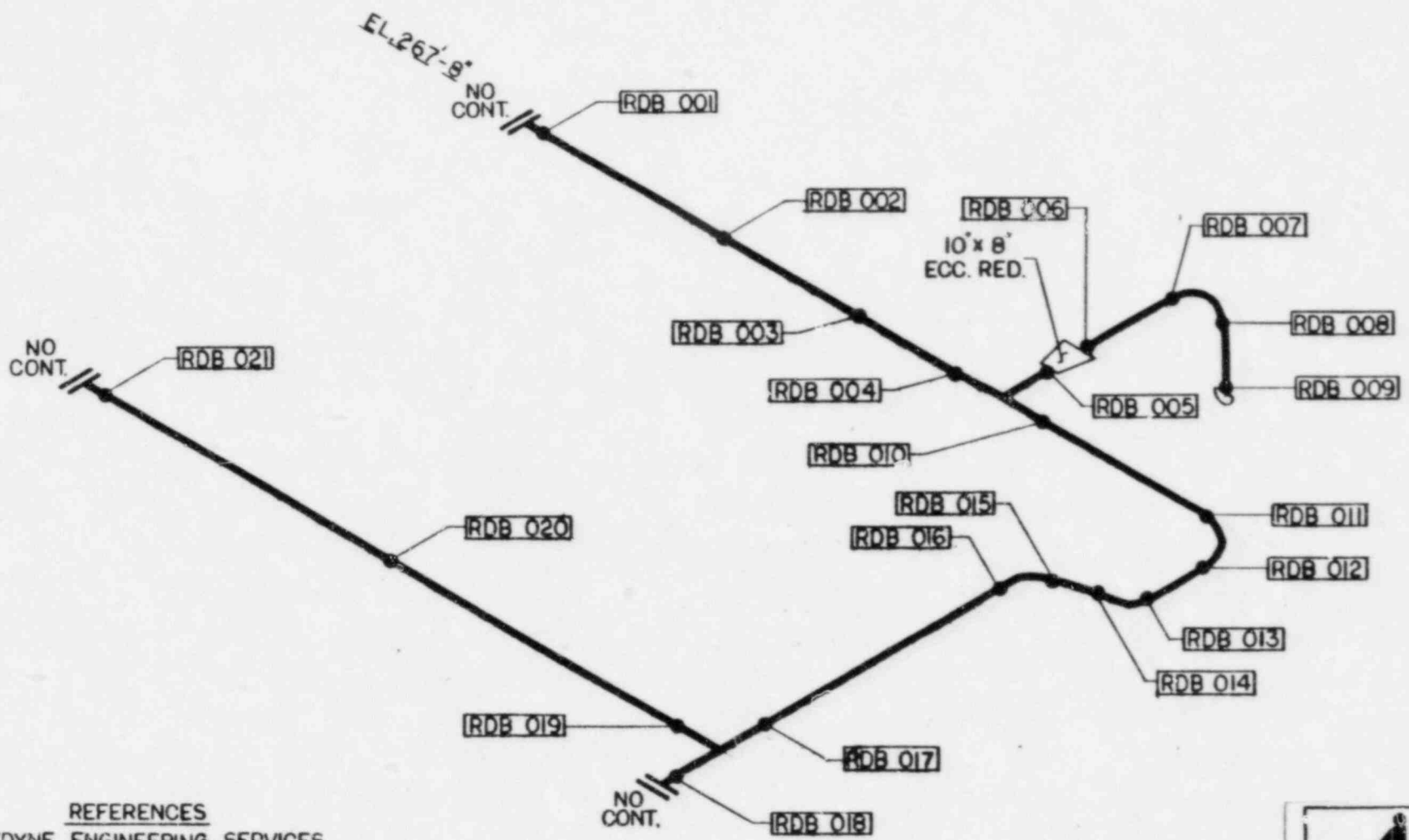
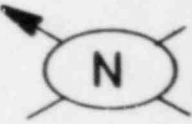
TELEDYNE ENGINEERING SERVICES

DWG. NO. E-5686 REV. 2

(B.P.C. DWG. NO. —

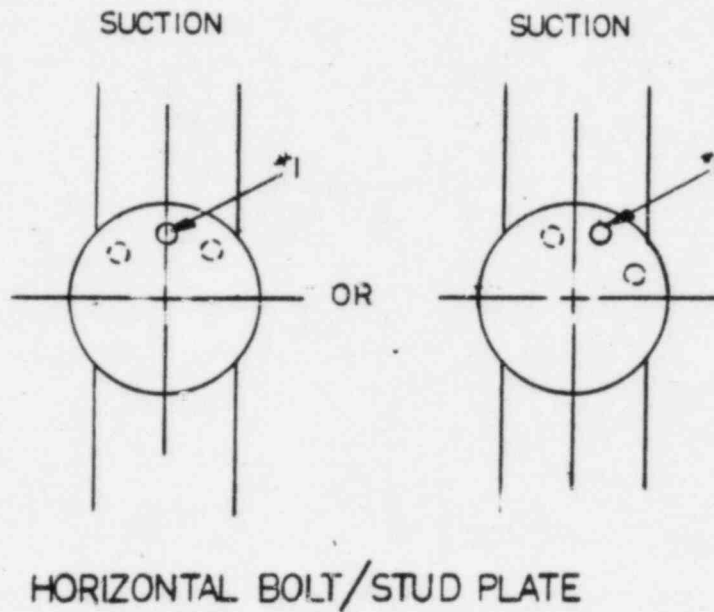
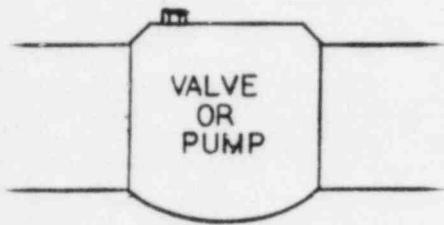
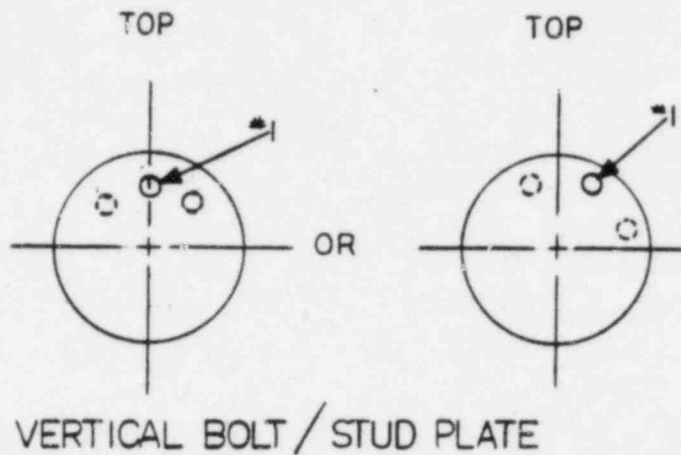
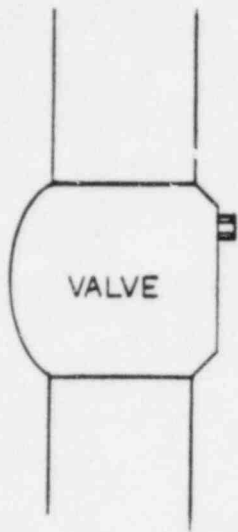
8031-M-167-T-SA-27-3)

NUCLEAR SERVICE SERVICES, INC. NEW HAMPSHIRE	
SYSTEM NO.	TITLE CONTROL ROD DRIVE LOOP A WELD MAP
REV. 3	FIG. NO. 09-01
BY: TEW	DATE: 7/21/82
APP: mgd	DATE: 7/21/82
PROJECT: 5551 LIMERICK UNIT 1	
NES 113 NOT TO SCALE	




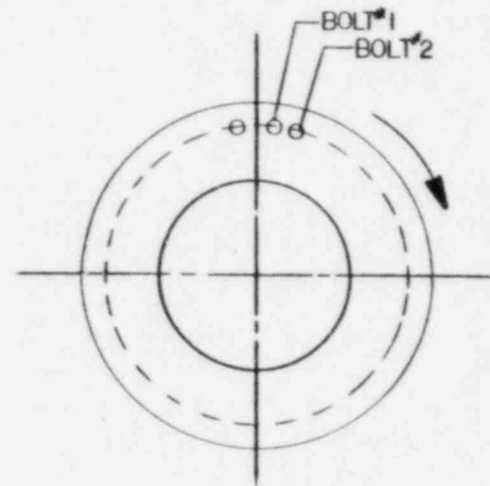
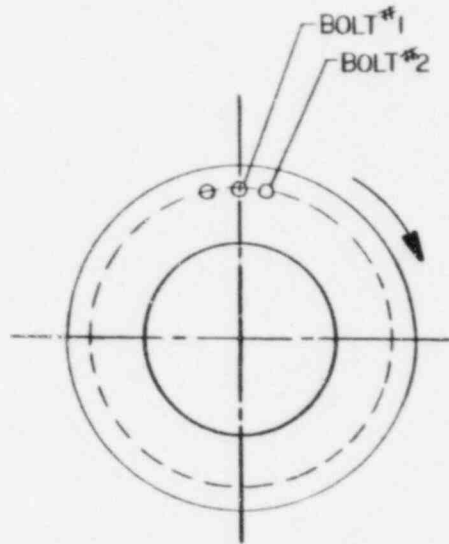
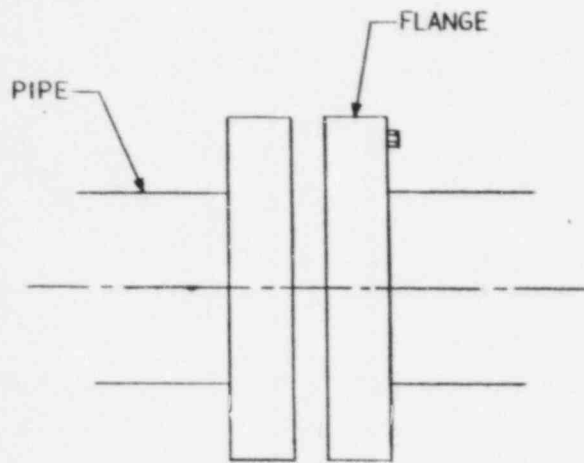
REFERENCES
TELEDYNE ENGINEERING SERVICES
DWG. NO. E-5685 REV 2
(B.P.C. DWG. NO. -
8031-M-167-T-SA-26-3)

SYSTEM NO.	TITLE: CONTROL ROD DRIVE LOOP B WELD MAP
REV: 3	FIG. NO. 09-02
BY: TEL	DATE: 7/20/82
APP: mgd	DATE: 7/21/82
PROJECT:	555I LIMERICK UNIT I
HES 112	NOT TO SCALE



ALL BOLTS / STUDS AND NUTS TO BE
 NUMBERED SEQUENTIALLY CLOCKWISE
 FROM #1.

 NUCLEAR ENERGY SERVICES, INC. NES DIVISION	
SYSTEM NO.	TITLE COMPONENT BOLT / STUD AND NUT DESIGNATION SYSTEM
REV: 0	FIG. NO. 10-01
BY: <i>JS</i>	DATE: <i>5-27-80</i>
APP: <i>fwg</i>	DATE: <i>5/27/80</i>
PROJECT: 5551 LIMERICK UNIT 1	
NOT TO SCALE	
NES 112	

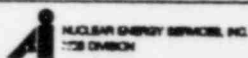


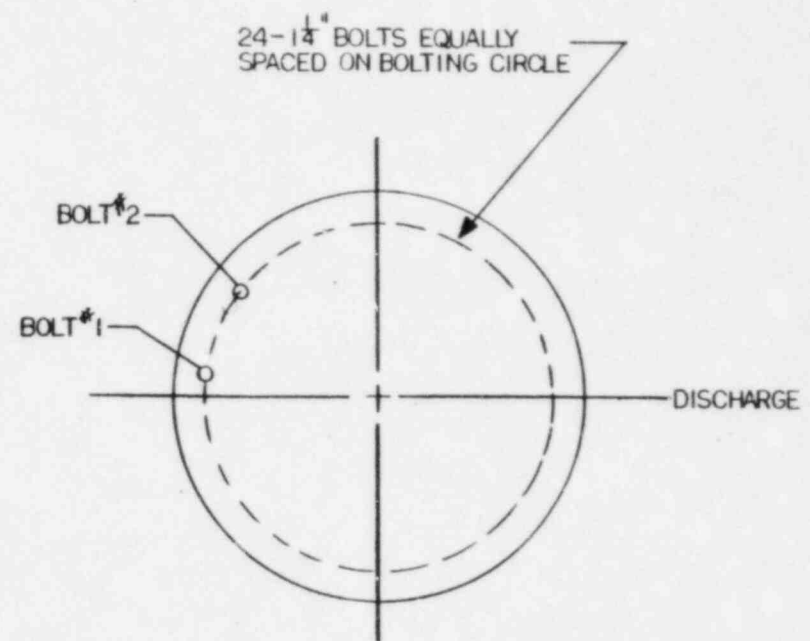
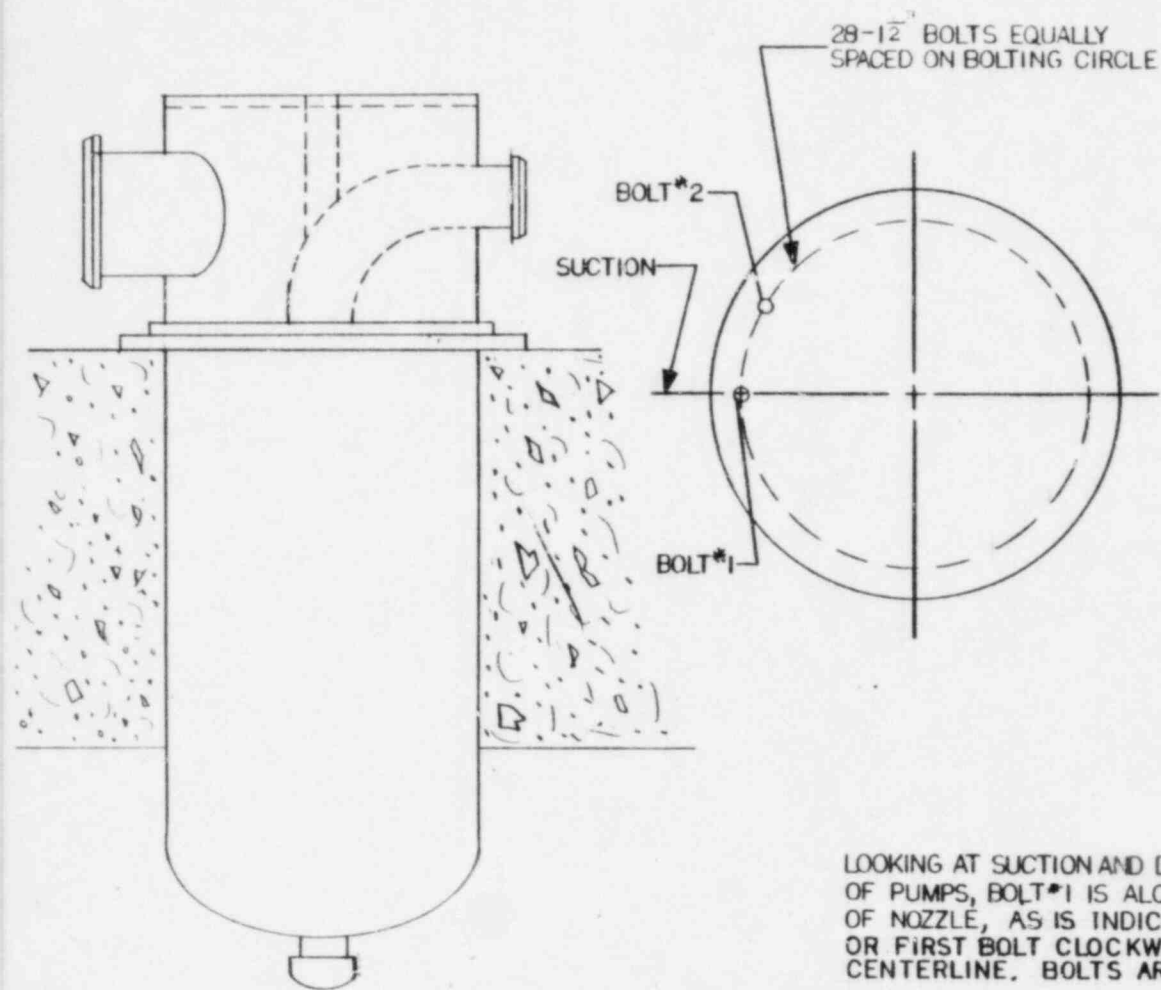
HORIZONTAL PIPE RUN

LOOKING AT FLANGE, BOLT AT TOP CENTER OR RIGHT OF CENTER IS BOLT #1. COUNT CLOCKWISE FOR ADDITIONAL BOLT NUMBERS.


VERTICAL PIPE RUN

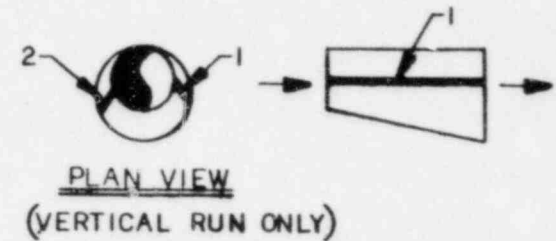
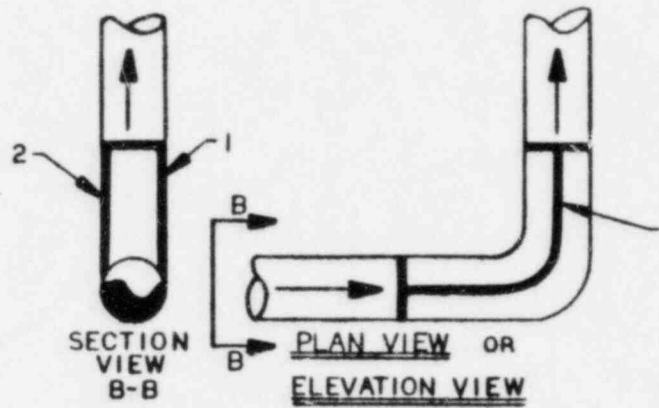
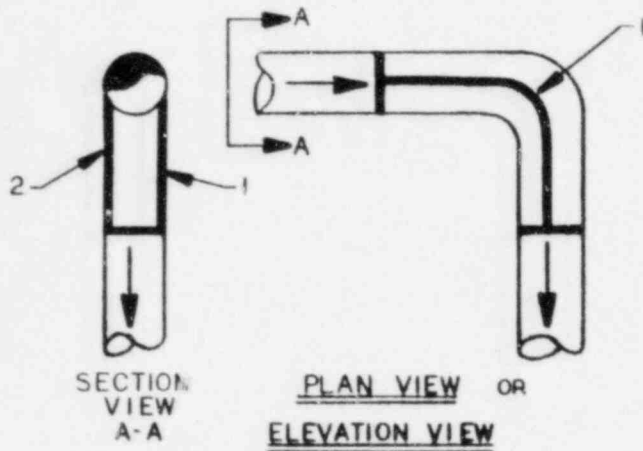
LOOKING DOWN AT FLANGE, BOLT #1 IS ON SOUTH CENTERLINE, OR JUST CLOCKWISE OF SOUTH CENTERLINE, WITH BOLTS COUNTED IN CLOCKWISE DIRECTION FROM THIS VIEW.

	
SYSTEM NO.	TITLE NUMBERING SYSTEM BOLTING ON FLANGES
REV: 1	FIG. NO. 10-02
BY: JS APP: HLG	DATE: 5/7/80 DATE: 5/7/80
PROJECT: 5551 LIMERICK UNIT 1	
NES 112	NOT TO SCALE



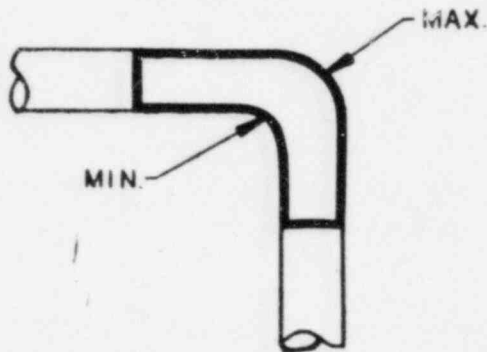
LOOKING AT SUCTION AND DISCHARGE NOZZLES OF PUMPS, BOLT #1 IS ALONG CENTER LINE OF NOZZLE, AS IS INDICATED IN THE DRAWING OR FIRST BOLT CLOCKWISE FROM THE CENTERLINE. BOLTS ARE COUNTED CLOCKWISE.

 NUCLEAR ENERGY SERVICES, INC. HRS DIVISION	
SYSTEM NO.	TITLE NUMBERING SYSTEM BOLTING FOR RHR PUMPS
REV: i	FIG. NO. 10-03
BY: JZ	DATE 5/27/80
APP: FV6	DATE 5/27/80
PROJECT: 5551 LIMERICK UNIT 1	
HRS 112	NOT TO SCALE



ECCENTRIC REDUCER
SEAMS IN A HORIZONTAL PIPE
RUN ARE ORIENTED PER FLOW
DIRECTION.

IF VERTICAL PIPE RUN, ORIENT
NORTH TO BE AT TOP OF PLAN
VIEW OF REDUCER. SEAM ONE
IS THE FIRST SEAM CLOCKWISE
FROM (IF NOT AT) NORTH.



SYSTEM NO.	TITLE
—	LONGITUDINAL SEAM DESIGNATION
REV: 0	FIG. NO. 10-04
BY: JSS	DATE: 5-24-82
APP: CTZ	DATE: 9 JUL 82
PROJECT: 5551 LIMERICK UNIT 1	
- NOT TO SCALE	
NBS 112	



NUCLEAR ENERGY SERVICES, INC.

DOCUMENT NO. 80A1558

PAGE 1 OF 1

APPENDIX F

DELETED



APPENDIX G

EXAMINATION PROCEDURES

APPENDIX G

EXAMINATION PROCEDURES

Subarticle IWA-1400 of ASME Code Section XI requires the development and preparation of written examination procedures necessary for the conduct of the nondestructive examinations associated with the Preservice Inspection Program Plan for Nuclear Piping Systems. Accordingly, NES procedures have been written for the performance of visual, surface and volumetric examinations.

The NES non-destructive examination procedures are written to basically meet the requirements of Section V, Article 5, 1974 Edition, up to and including the Summer of 1975 Addenda, except for piping examinations, which are to be performed to Appendix III Winter of 1975 Addenda, for both ferritic and austenitic materials, except as modified by Paragraph IWA-2232 Summer of 1976 Addenda.

All procedures for examinations, as well as for generic activities governing performance of examination, are itemized in the NES Quality Assurance Program Plan (80A1556).

4



APPENDIX H

UT CALIBRATION STANDARDS

APPENDIX H

Table H-1 lists calibration standards referenced in this Unit 1 PSI Program Plan.

The NES Documents referenced herein present the design of the calibration standards (calibration blocks) required for Section XI Ultrasonic Inspection.

<u>NES DOCUMENT NO.</u>	<u>TITLE</u>
80D1571	Limerick Calibration Blocks $T > 1.00''$
80D1572	Limerick Calibration Blocks $T \leq 1.00''$
80A1573	Limerick Generating Station Units 1 and 2 Calibration Block Report
80C1574	Limerick Calibration Blocks (Isometric)
80D2952	Limerick Units 1 and 2 Calibration Standards $T > 1.00''$
80C2953	Limerick Units 1 and 2 Calibration Standards $T \leq 1.00''$
80C2958	Limerick Units 1 and 2 Sound Path Calibration Standard
80D2961	Limerick Units 1 and 2 Calibration Standard LIM-22-1.009-SS316
80C2962	Calibration Standard LIM-4-.337-SS304
80C2963	RHR Heat Exchanger Calibration Block $T = .812$ $T = 1.00$
80C2964	RHR Heat Exchanger Calibration Block LIM-F-1.18-CS
80C2965	Limerick Calibration Block LIM-2-.344-CS
80C2966	Limerick Near-Surface Sensitivity Calibration Block
80D2970	Limerick Stud Calibration Block LIM-3-STUD-CS
80C2971	Limerick Units 1 and 2 Calibration Standard LIM-2.00-Stud-CS

TABLE H-1

Following is a list of calibration standards used in this Program Plan.

LIM-30-.625-CS	LIM-12-.375-CS
LIM-30-.375-CS	LIM-12-.375-SS
LIM-28-2.72-SS316	LIM-10-.843-CS
LIM-28-1.285-SS316	LIM-10-.593-CS
LIM-28-1.076-SS316	LIM-10-.594-SS316
LIM-26-1.013-CS	LIM-10-.365-CS
LIM-26-.928-CS	LIM-8-.906-CS
LIM-24-1.812-CS	LIM-8-.500-CS
LIM-24-1.812-CS-F	LIM-24-.375-CS
LIM-24-.375-CS	LIM-8-.375-CS
LIM-22-1.009-SS316	LIM-8-.322-CS
LIM-22-.500-CS	LIM-6-.562-CS
LIM-20-1.031-CS	LIM-6-.432-SS316
LIM-20-.903-SS316	LIM-6-.432-SS
LIM-20-.733-SS	LIM-6-.432-CS
LIM-20-.500-CS	LIM-6-.280-SS
LIM-20-.375-CS	LIM-6-.280-CS
LIM-18-.938-CS	LIM-4-.337-CS
LIM-18-.500-CS	LIM-3-.438-CS
LIM-18-.375-CS	LIM-2.5-.203-SS
LIM-16-1.219-CS	LIM-2-.218-SS
LIM-16-.500-CS	LIM-2-.344-CS
LIM-16-.375-CS	LIM-1.00-P
LIM-14-1.093-C	LIM-F-1.18-CS
LIM-14-.937-CS	LIM-F-.812-CS
LIM-14-.750-CS	LIM-3.00-STUD
LIM-14-.375-CS	LIM-2.00-STUD
LIM-12-.843-SS316	LIM-NSS
LIM-12-.843-CS	LIM-SP-105
LIM-12-.688-SS316	LIM-SP-182-316
LIM-12-.688-SS	LIM-SP-515
LIM-12-.688-CS	LIM-SP-350
LIM-12-.586-SS316	LIM-SP-333
	LIM-SP-181

APPENDIX J

DELETED

