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 CONWAY, J.T. Niagara Mohawk Power Corp.
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See Rpts & Drawgs.

SUBJECT: Forwards rev 0 to NMP2-ISI-006, "ISI Program Plan" & rev to NMP2-IWF-007, "Component Support ISI Program Plan," for second ten-year interval. W/235 oversize drawings.

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Niagara Mohawk

John T. Conway
Vice President
Nuclear Generation

Office: (315) 349-4213
Fax: (315) 349-2605

July 31, 1998
NMP2L 1815

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

RE: Nine Mile Point Unit 2
Docket No. 50-410
NPF-69

Subject: *ASME Code Section XI Inservice Inspection and Component Support Inservice Inspection Program Plans for the Second Ten-Year Interval*

Gentlemen:

This letter transmits the Nine Mile Point Unit 2 (NMP2) Inservice Inspection (ISI) and Component Support Inservice Inspection Program Plans (Enclosures 1 and 2). These Program Plans are for the second ten-year interval, which began on April 5, 1998, and are based on Section XI of the ASME Boiler and Pressure Vessel Code (1989 edition). Included with these Program Plans are ISI Weld & Component Identification Diagrams and Component Detail Drawings (Enclosures 3 and 4) to assist in your review. The Inservice Testing and Inservice Pressure Testing (ISPT) Program Plans for the second ten-year interval, and a full set of ISPT diagrams to assist in your review, were previously forwarded to you by a letter dated June 16, 1998 (NMP2L 1791).

The ISI Program Plan (NMP2-ISI-006, Revision 0) includes eleven relief requests, which are contained in Appendix F of the Program Plan. The Component Support ISI Program Plan (NMP2-IWF-007, Revision 0) includes one relief request, which is contained in Appendix F of this Program Plan and is also included in the ISI Program Plan.

It should be noted that Appendix G of the Component Support ISI Program Plan, as currently written, reflects 100% of the piping supports being examined during the second ten-year interval. However, as allowed by Code Case N-491 (accepted by Regulatory Guide 1.147, Revision 11), NMP2 intends to examine a reduced population of piping supports during the

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Drawings in Central Files



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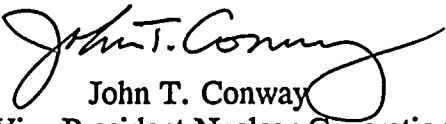
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second ten-year interval. A revision to Appendix G, reflecting implementation of Code Case N-491, will be submitted to the NRC by July 31, 1999.

Very truly yours,


John T. Conway
Vice President Nuclear Generation

JTC/sc
Enclosures

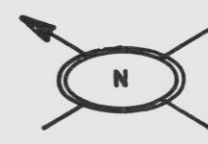
xc: Mr. H. J. Miller, Regional Administrator, Region I
Mr. S. S. Bajwa, Director, Project Directorate I-1, NRR (w/o Enclosures)
Mr. B. S. Norris, Senior Resident Inspector
Mr. D. S. Hood, Senior Project Manager, NRR (3 copies)
Records Management



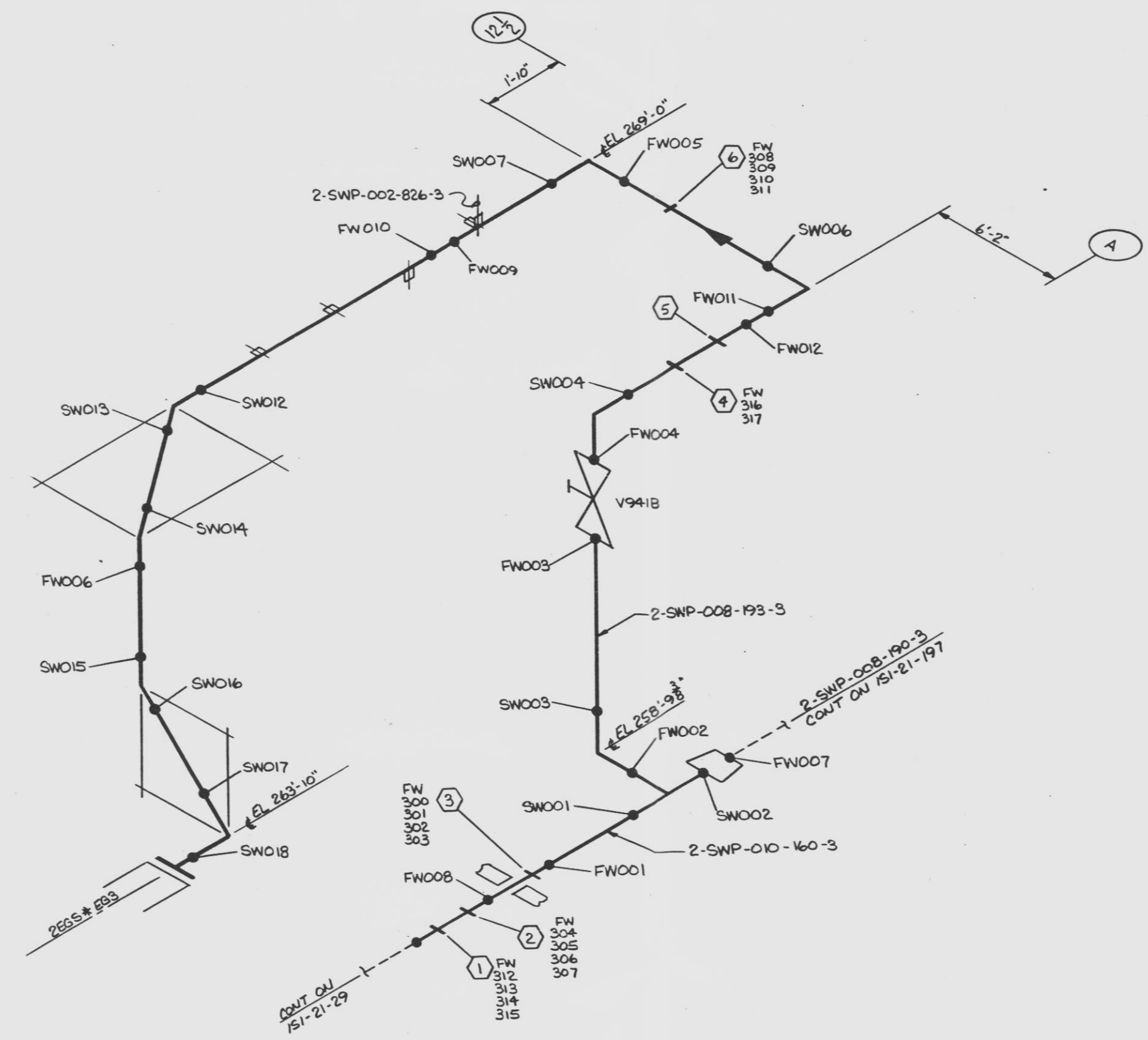
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A I B I C I D I E I F I G I H

961-1Z-1S1
DRAWING NUMBER
151-21-196



NO.	PIPE SUPPORT	BZ NO.
1	PSA 1421A3	BZ-19ABH
2	PSR 1261 B3	G111
3	PSR 1262	G112
4	PSST 1279	G129
5	PSST 1346	G175
6	PSR 1280	G130
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:
- SCALE: NONE
 - THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 - ALL WELDS PRECEDED BY 21-196-SWP-
 - ALL SUPPORTS PRECEDED BY 2SWP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-196-Q
 ASME CONTROL DWG. N/A

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ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP* UNLESS OTHERWISE NOTED

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CARD

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												DES. CDC	APPROVED 2-9-88	317.30-0991-19000-5014	CLASS 3	2-9-88		151-21-196	

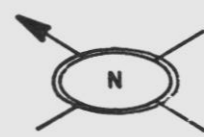


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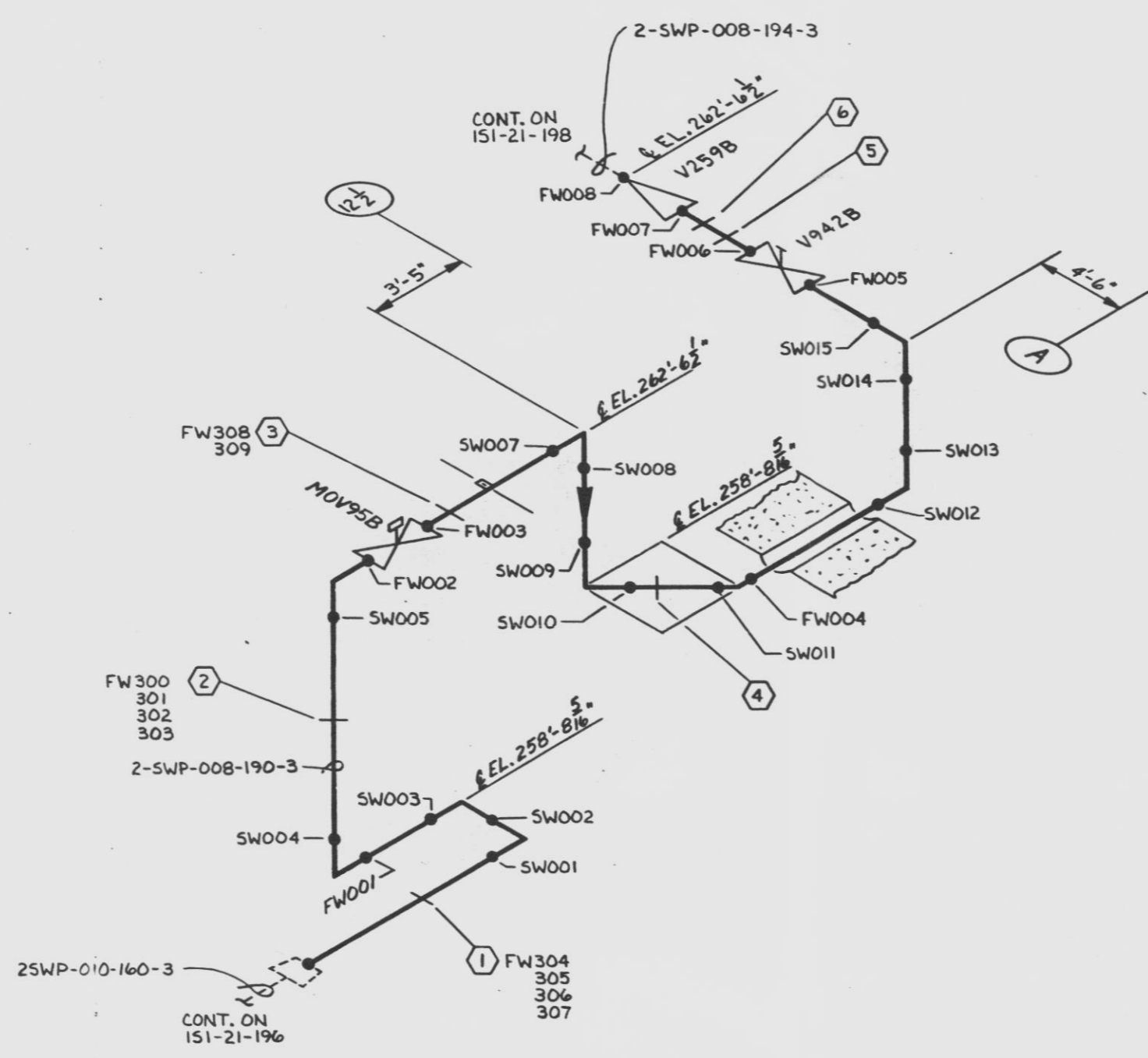
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A I B I C I D I E I F I G I H

16H2-IS1
DRAWING NUMBER



NO.	PIPE SUPPORT	BZ NO.
1	PSR 1263 B3	BZ-19G 113
2	1264	114
3	1265	115
4	1266	116
5	P5ST1267	117
6	P5ST1285	133
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
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NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 21-197-SWP-
 4. ALL SUPPORTS PRECEDED BY 25WP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-197-K
 ASME CONTROL DWG. N/A

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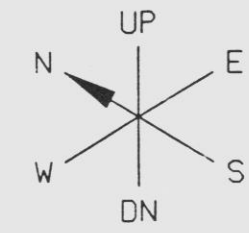
APERTURE CARD

CLASS 3

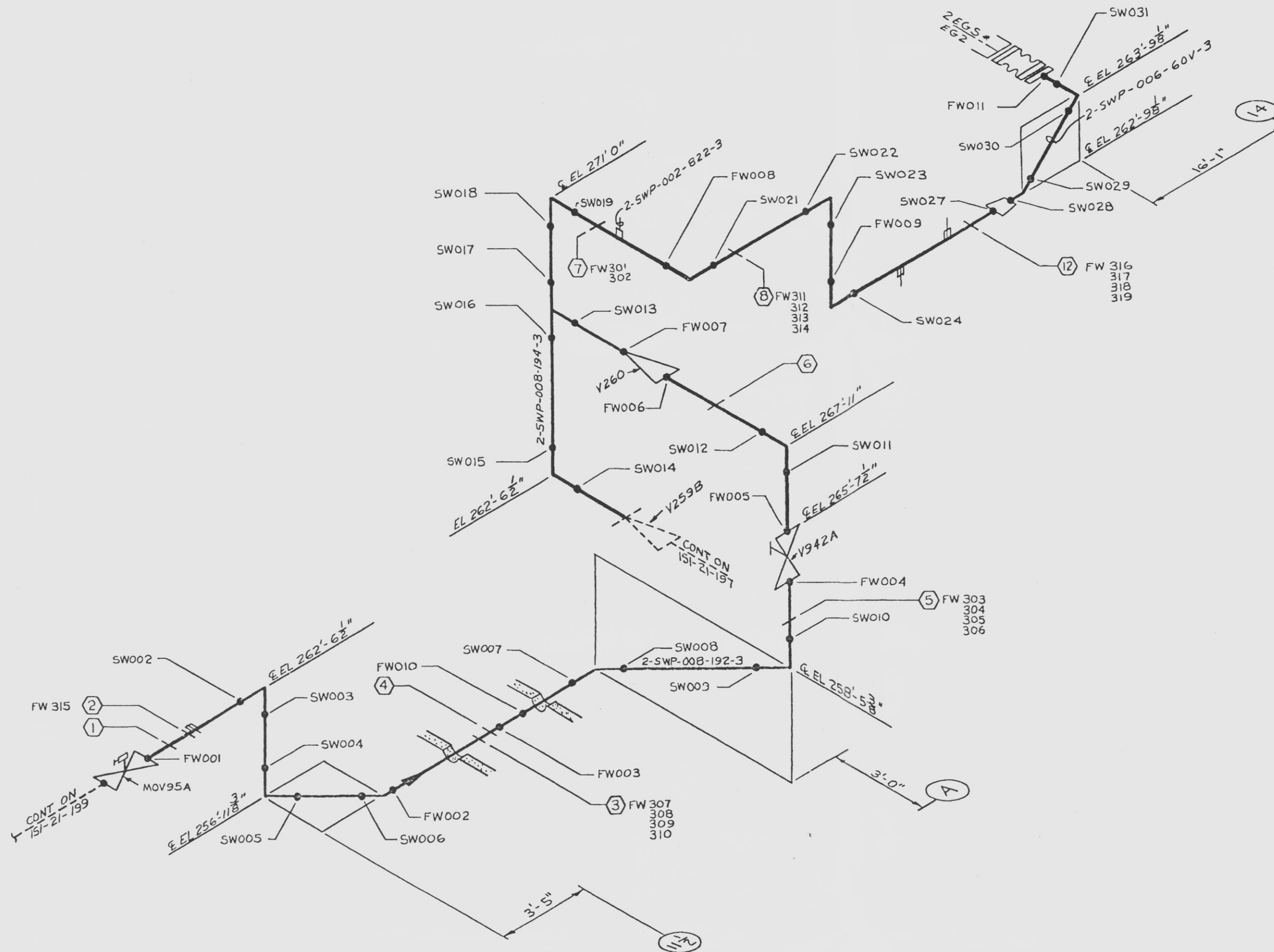
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NO.	PIPE SUPPORT	BZ NO.
1	PSST1277B3	BZ-19G127
2	PSST1353B3	BZ-19G180
3	PSST1276B3	BZ-19G126
4	PSST1275B3	BZ-19G125
5	PSST1274B3	BZ-19G124
6	PSST1273B3	BZ-19G123
7	PSST1268B3	BZ-19G118
8	PSST1269B3	BZ-19G119
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12	PSA1272B3	BZ-19G22
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LEGEND:

- - INDICATES PIPE SUPPORT
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- 1.
2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
3. ALL WELDS PRECEDED BY 2SWP-21-198
4. ALL SUPPORTS PRECEDED BY 2 SWP

REFERENCES:
ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-198-M
ASME CONTROL DWG. N/A

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CLASS 3

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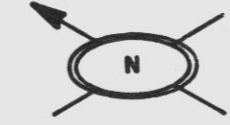
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														1	1	12/11/97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE ISSUED FOR COMPUTER DATA BASE									

		NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.	
ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING			
SCALE	DRAWING NO		
NONE	ISI-21-198		

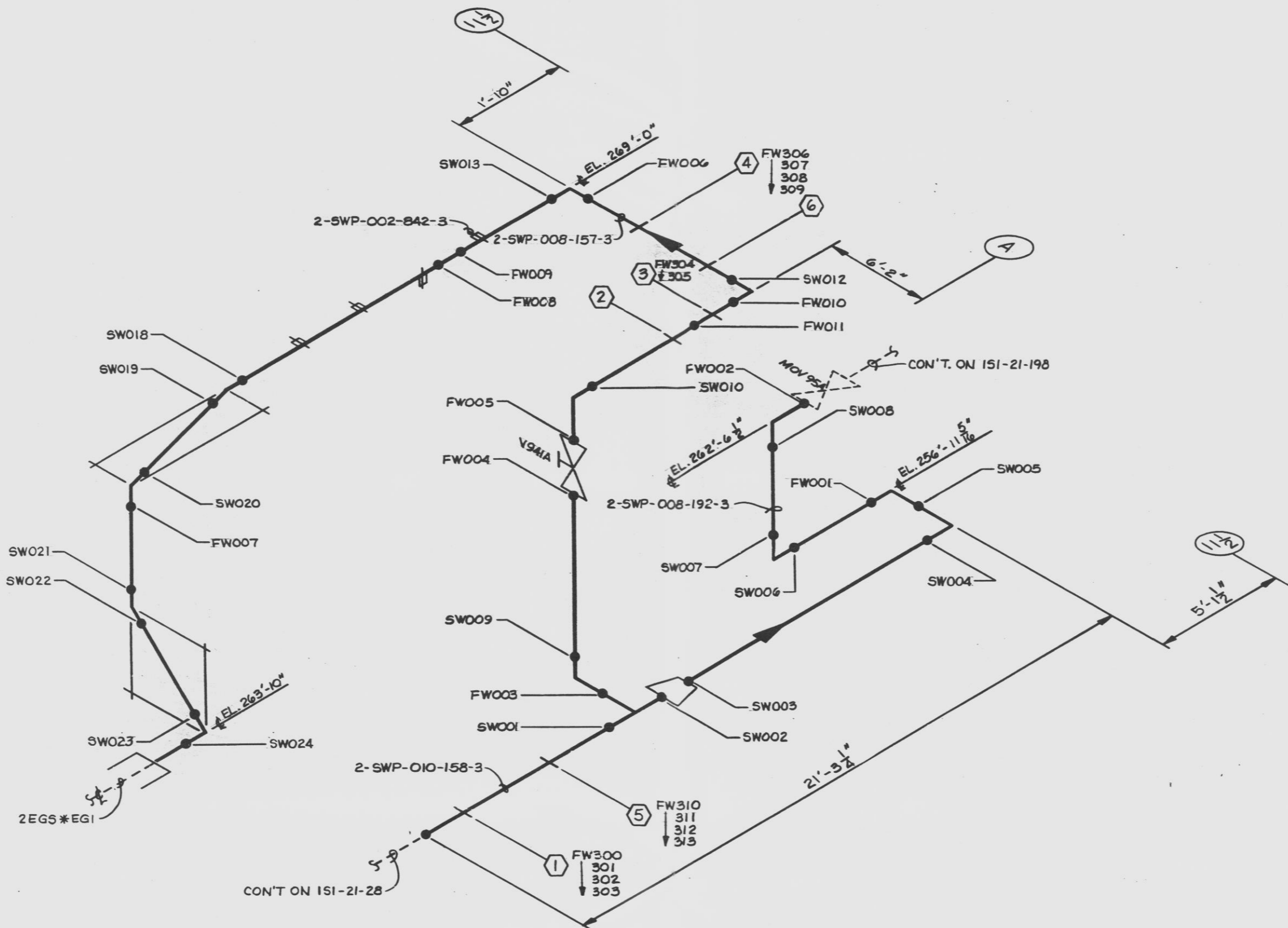


A B C D E F G H

66I-1Z-1S1



NO.	PIPE SUPPORT	BZ NO.
1	PSA1422A3	BZ-19ABJ
2	PSST1281B5	-19G-131
3	PSST1347B5	-19G-174
4	PSR1282B5	-19G-132
5	PSR1278B5	-19G-128
6	PSR1655A3	-19ADK
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 21-199-SWP-
 4. ALL SUPPORTS PRECEDED BY 25WP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-199-L
 ASME CONTROL DWG. N/A

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ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP* UNLESS OTHERWISE NOTED

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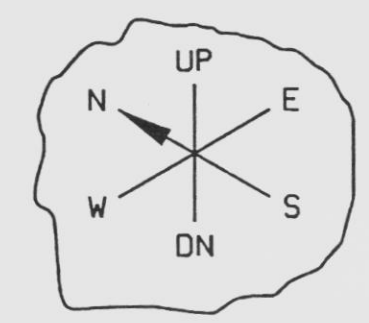
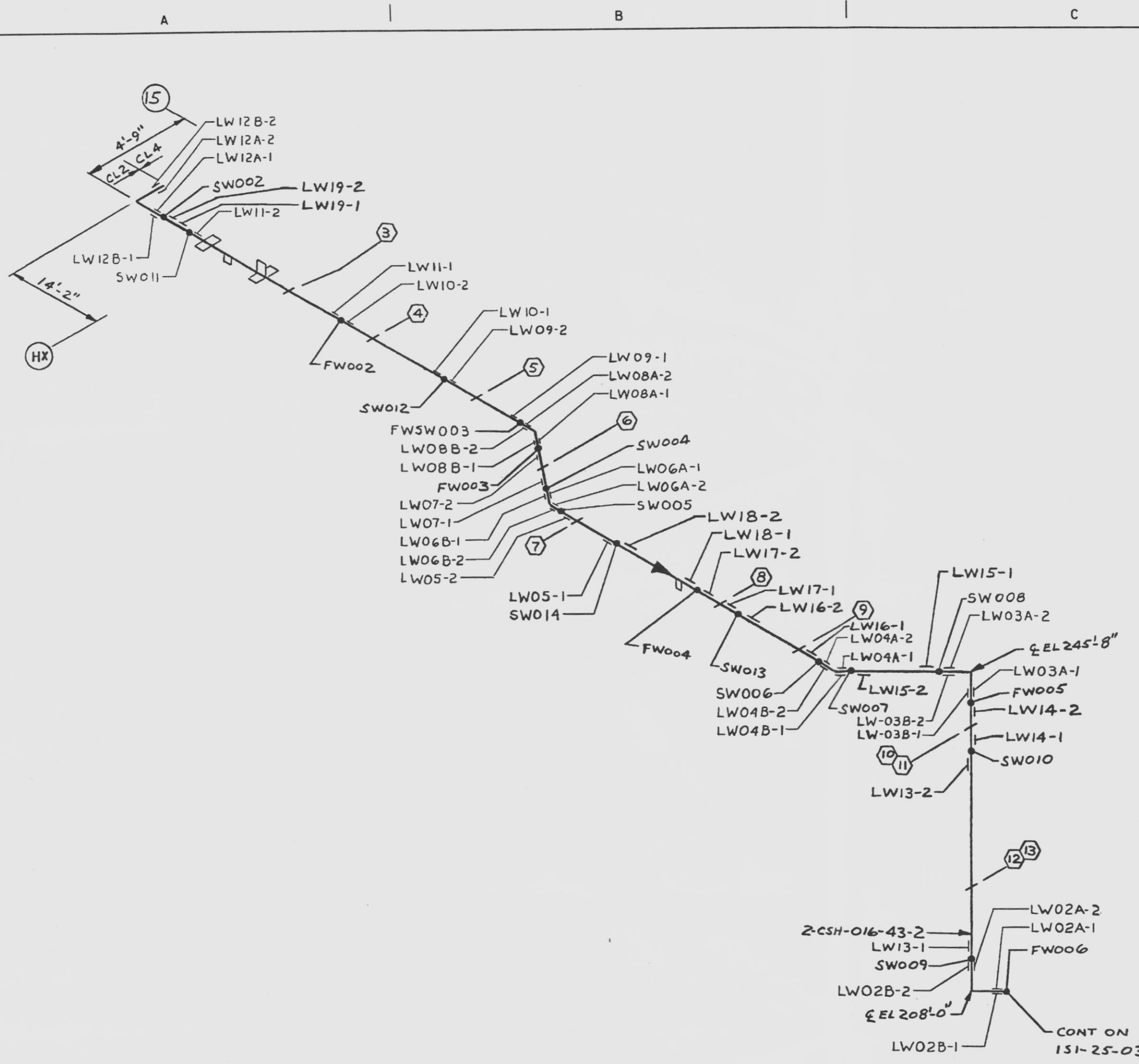
CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO. OF DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO. OF DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	ACCOUNT NUMBER	DESIGNATION	ORIGINAL ISSUE DATE	FILE INDEX	DRAWING NUMBER	SHEET NUMBER
												317.30-0991-190000-5014	NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM	2-9-88		ISI-21-199	

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A B C D E F G H



NO.	PIPE SUPPORT	BZ NO.
1		
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3	2CSH-PSR220A2	BZ-1080G
4	2CSH-PSR221A2	BZ-1080J
5	2CSH-PSR222A2	BZ-1080L
6	2CSH-PSR266A2	BZ-1080R
7	2CSH-PSR223A2	BZ-1080P
8	2CSH-PSR224A2	BZ-1080S
9	2CSH-PSR225A2	BZ-1080T
10	2CSH-PSST289A2	BZ-108RN
11	2CSH-PSST281A2	BZ-108RN
12	2CSH-PSST290A2	BZ-108RP
13	2CSH-PSST282A2	BZ-108RP
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2CSH-25-01
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2CSH* UNLESS SHOWN OTHERWISE.
 4. ALL PIPING ON THIS DRAWING IS EXEMPT PER IWC-1222(C), AS EXPLAINED IN ISI PROGRAM PLAN PARAGRAPH 4.2.4.

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING
 ISOMETRIC 25-01-S

APERTURE CARD

9808130044-06 ORIGINAL
 CLASS 2

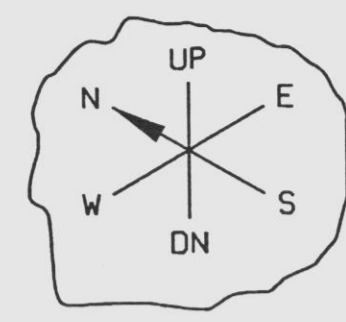
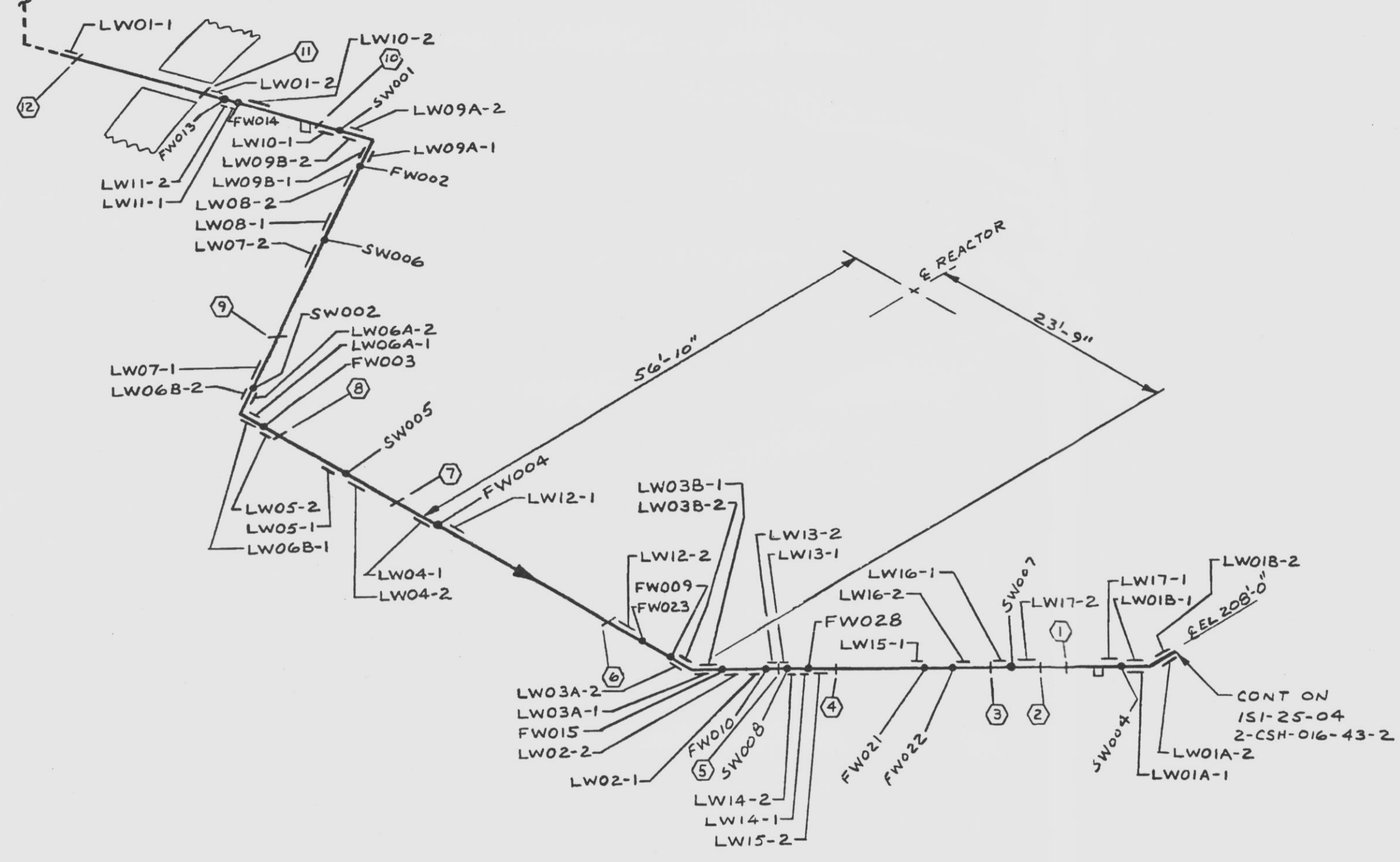
NIAGARA MOHAWK
 NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.
 ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	2	2-10-98	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, ENGINEERING ENHANCEMENT REDRAWN ON CADD																						

SCALE: NONE DRAWING NO: ISI-25-01

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

CONT ON
ISI-25-01



NO.	PIPE SUPPORT	BZ NO.
1	2CSH-PSST006A2	BZ-78M
2	2CSH-PSST007A2	BZ-78N
3	2CSH-PSR008A2	BZ-78P
4	2CSH-PSR009A2	BZ-78Q
5	2CSH-PSSP010A2	BZ-78R
6	2CSH-PSST011A2	BZ-78S
7	2CSH-PSR012A2	BZ-78T
8	2CSH-PSR013A2	BZ-78U
9	2CSH-PSR014A2	BZ-78V
10	2CSH-PSR015A2	BZ-78W
11	2CSH-PSA016A2	BZ-78X
12	2CSH-PSR283A2	BZ-108RS
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2CSH-25-03
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2CSH* UNLESS SHOWN OTHERWISE.
 4. ALL PIPING ON THIS DRAWING IS EXEMPT PER IWC-1222(C), AS EXPLAINED IN ISI PROGRAM PLAN PARAGRAPH 4.2.4.

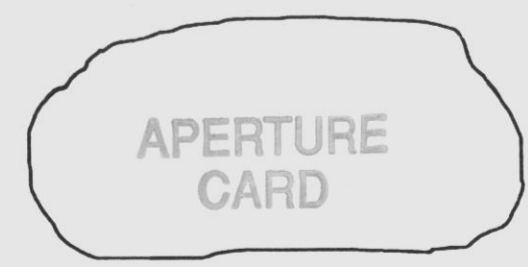
REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING
 ISOMETRIC 25-03-V



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CLASS 2

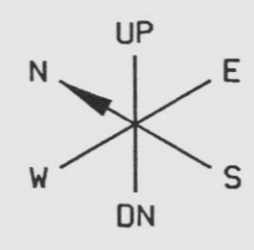


NIAGARA MOHAWK
 NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.
 ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING

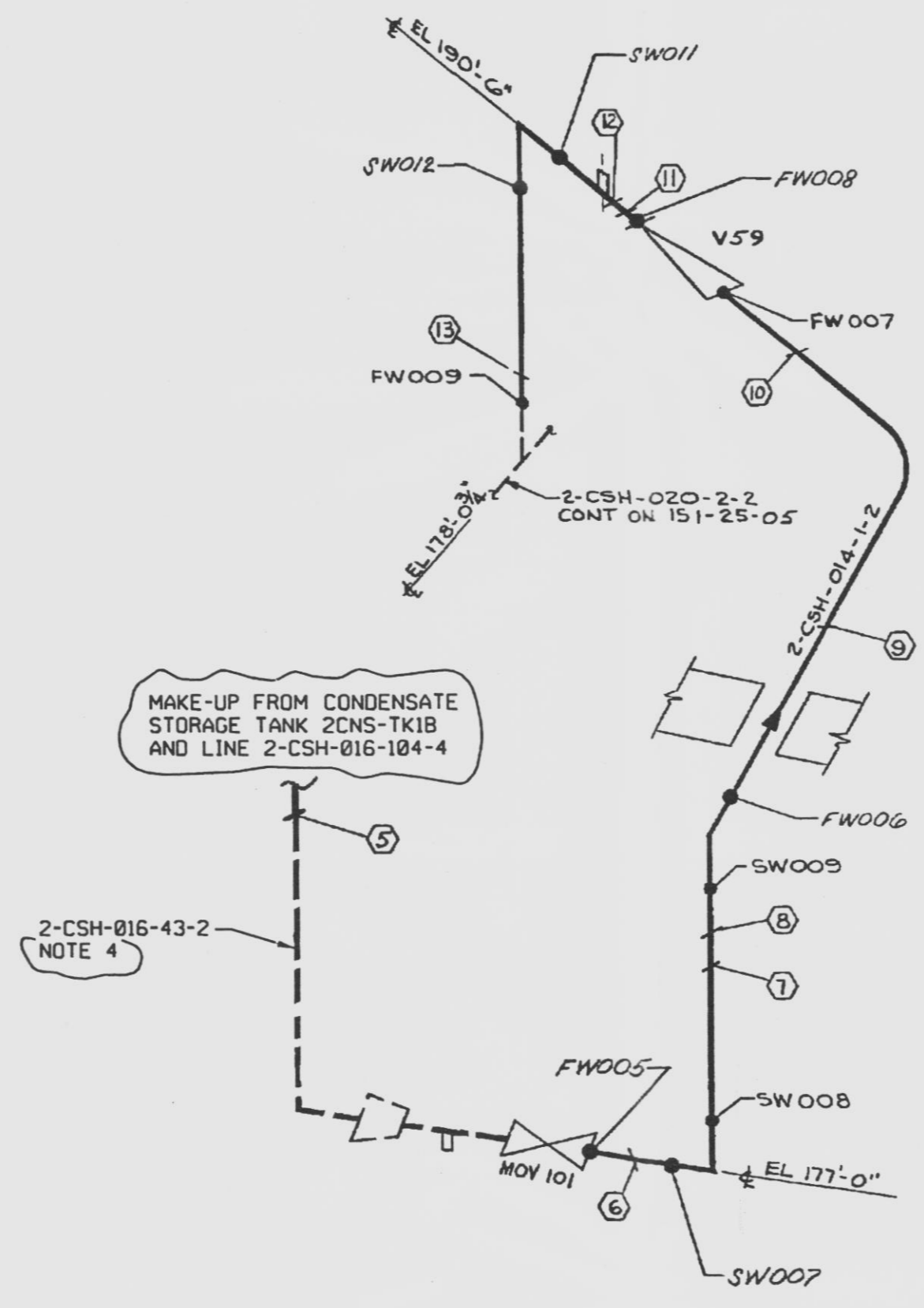
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														2	2-10-98	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, ENGINEERING ENHANCEMENT REDRAWN ON CADD										NONE	ISI-25-03

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

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5	2CSH-PSA001A1	BZ-78H
6	2CSH-PSST075A1	BZ-78CG
7	2CSH-PSST074A1	BZ-78CF
8	2CSH-PSST073A1	BZ-78CF
9	2CSH-PSR030A1	BZ-78AN
10	2CSH-PSST071A1	BZ-78CD
11	2CSH-PSSH031A1	BZ-78AP
12	2CSH-PSST072A1	BZ-78CE
13	2CSH-PSST070A1	BZ-78CC
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
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 2. ALL WELDS PRECEDED BY 2CSH-25-04
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2CSH- UNLESS SHOWN OTHERWISE.
 4. EXEMPT PER IWC-1222(C) AS EXPLAINED IN ISI PROGRAM PLAN PARAGRAPH 4.2.4.

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 25-4-X

9808130044-08

ORIGINAL CLASS 2 **D**

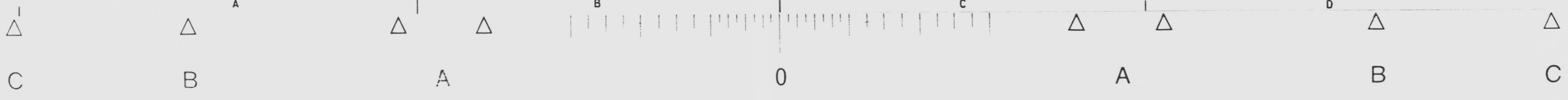
APERTURE CARD

	NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
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SCALE: NONE	DRAWING NO: ISI-25-04

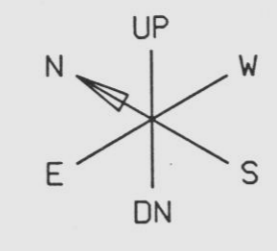
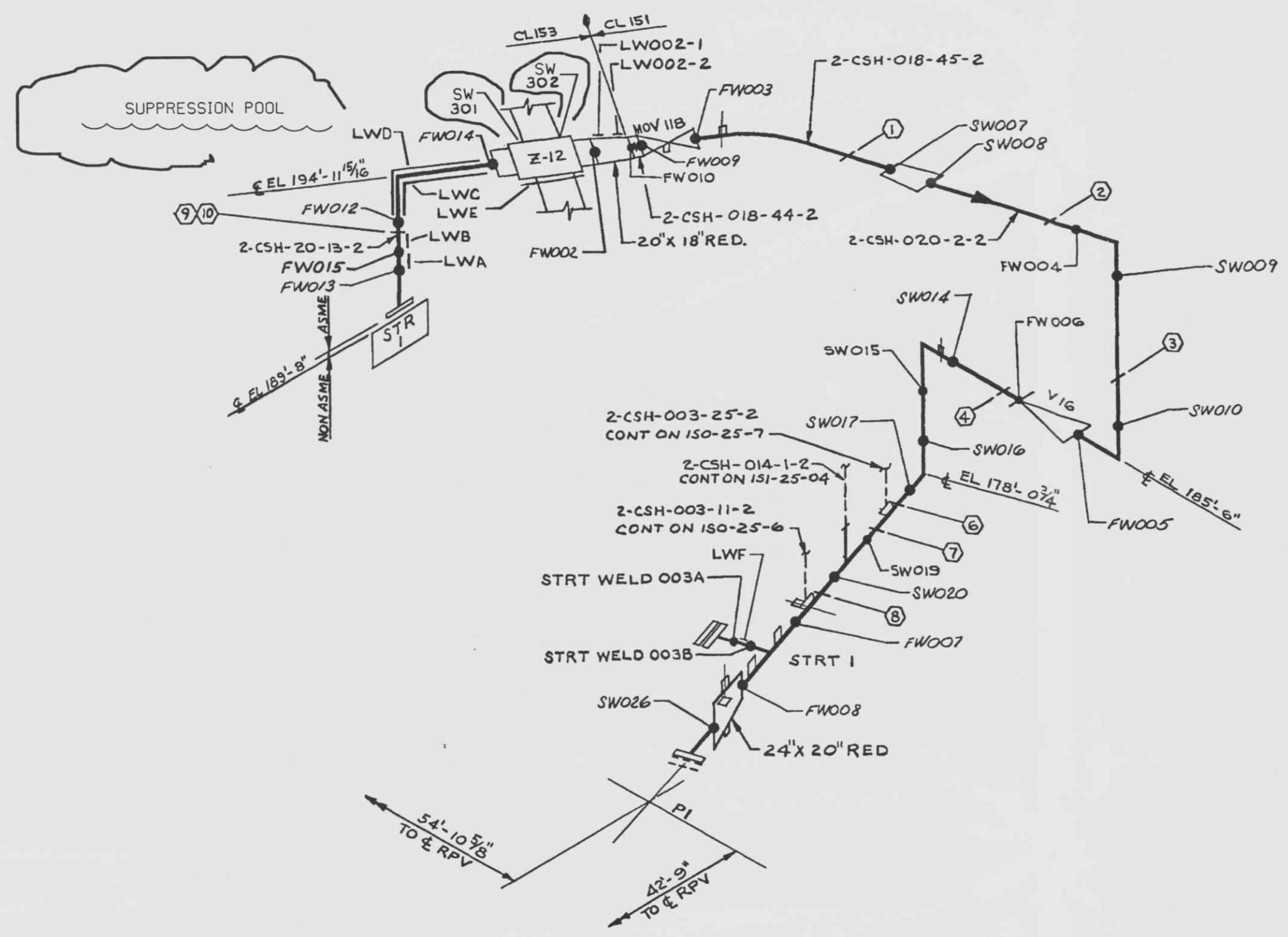
MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	4	6-24-97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PAN UPDATE			FJD		MI	AA																
															5	2-10-98	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE			MI	KSB	AL			

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.



TAMERAN



NO.	PIPE SUPPORT	BZ NO.
1	2CSH-PSSH025A2	BZ-78AG
2	2CSH-PSR029A2	BZ-78AM
3	2CSH-PSST207A2	BZ-78HW
4	2CSH-PSSH027A2	BZ-78AJ
5		
6	2CSH-PSST067A2	BZ-78BZ
7	2CSH-PSSP066A2	BZ-78BY
8	2CSH-PSSH026A2	BZ-78AH
9	2CSH-PSR316A2	BZ-78JG
10	2CSH-PSR317A2	BZ-78JG
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
2. ALL WELDS PRECEDED BY 2CSH-25-05
3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2CSH* UNLESS SHOWN OTHERWISE.

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 25-05-Y

DOCUMENT USER:
CONSULT APPLICABLE
DOCUMENT CONTROL
SYSTEM TO OBTAIN
LATEST DOCUMENT
INFORMATION

APERTURE CARD

9808130044-09

CLASS 2

NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

SCALE NONE DRAWING NO ISI-25-05

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	4	10-2-95	REVISED PER NMP2-ISI-002 REV.4, CH-005																						
														3	12-18-92	REVISED PER ISI PLAN UPDATE REDRAWN ON CADD									

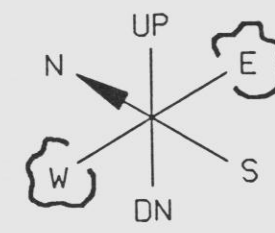
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

ORIGINAL

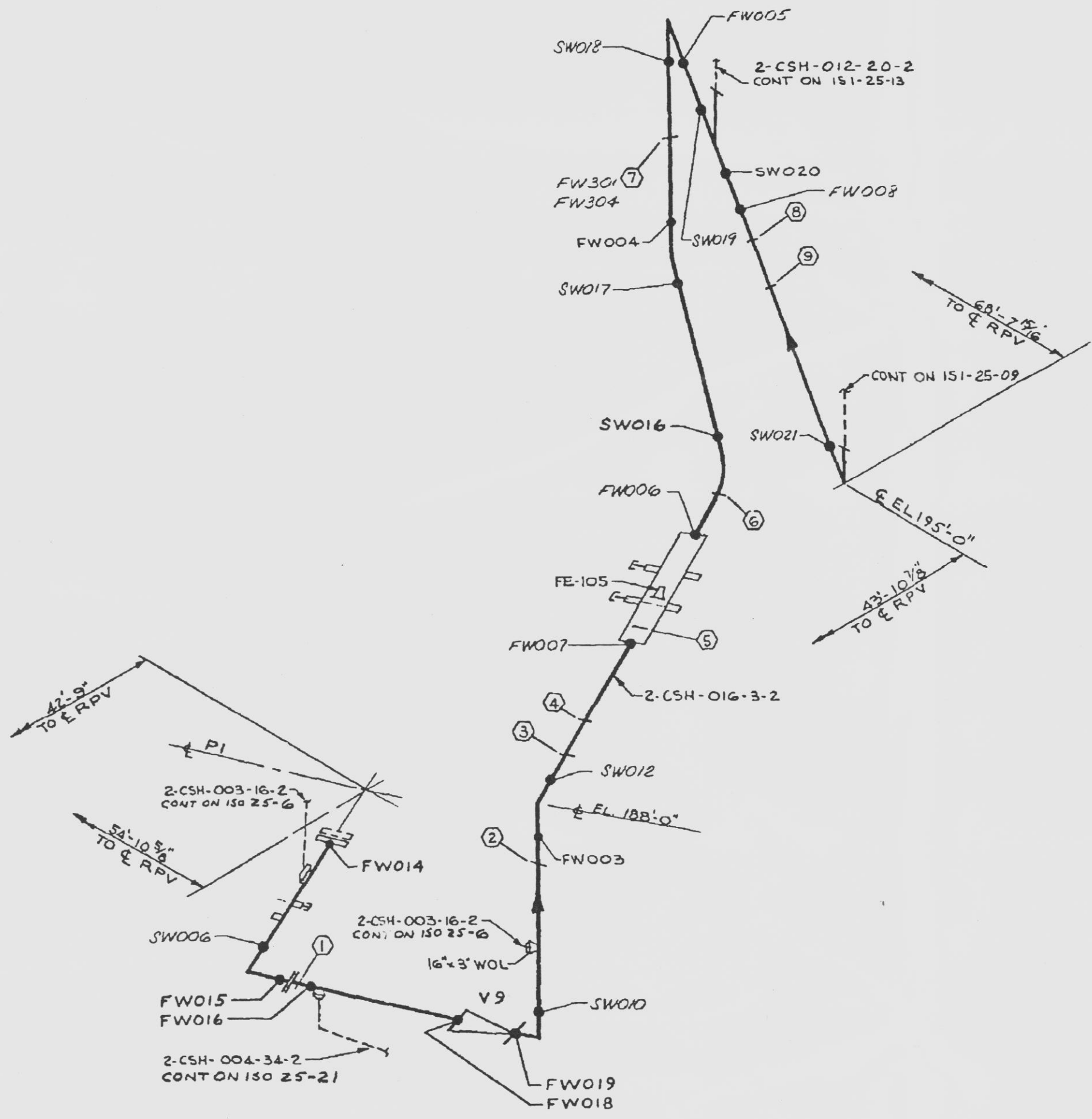


THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

A B C D



NO.	PIPE SUPPORT	BZ NO.
1	2CSH-PSST018A2	BZ-78Z
2	2CSH-PSST063A2	BZ-78BV
3	2CSH-PSST064A2	BZ-78BW
4	2CSH-PSSH017A2	BZ-78Y
5	2CSH-PSSP065A2	BZ-78BX
6	2CSH-PSR019A2	BZ-78AA
7	2CSH-PSA215A2	BZ-78JE
8	2CSH-PSST198A2	BZ-78HM
9	2CSH-PSST197A2	BZ-78HL
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
2. ALL WELDS PRECEDED BY 2CSH-25-08
3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2CSH* UNLESS SHOWN OTHERWISE.

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 25-8-0

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

9808130044-10

D

APERTURE CARD

CLASS 2

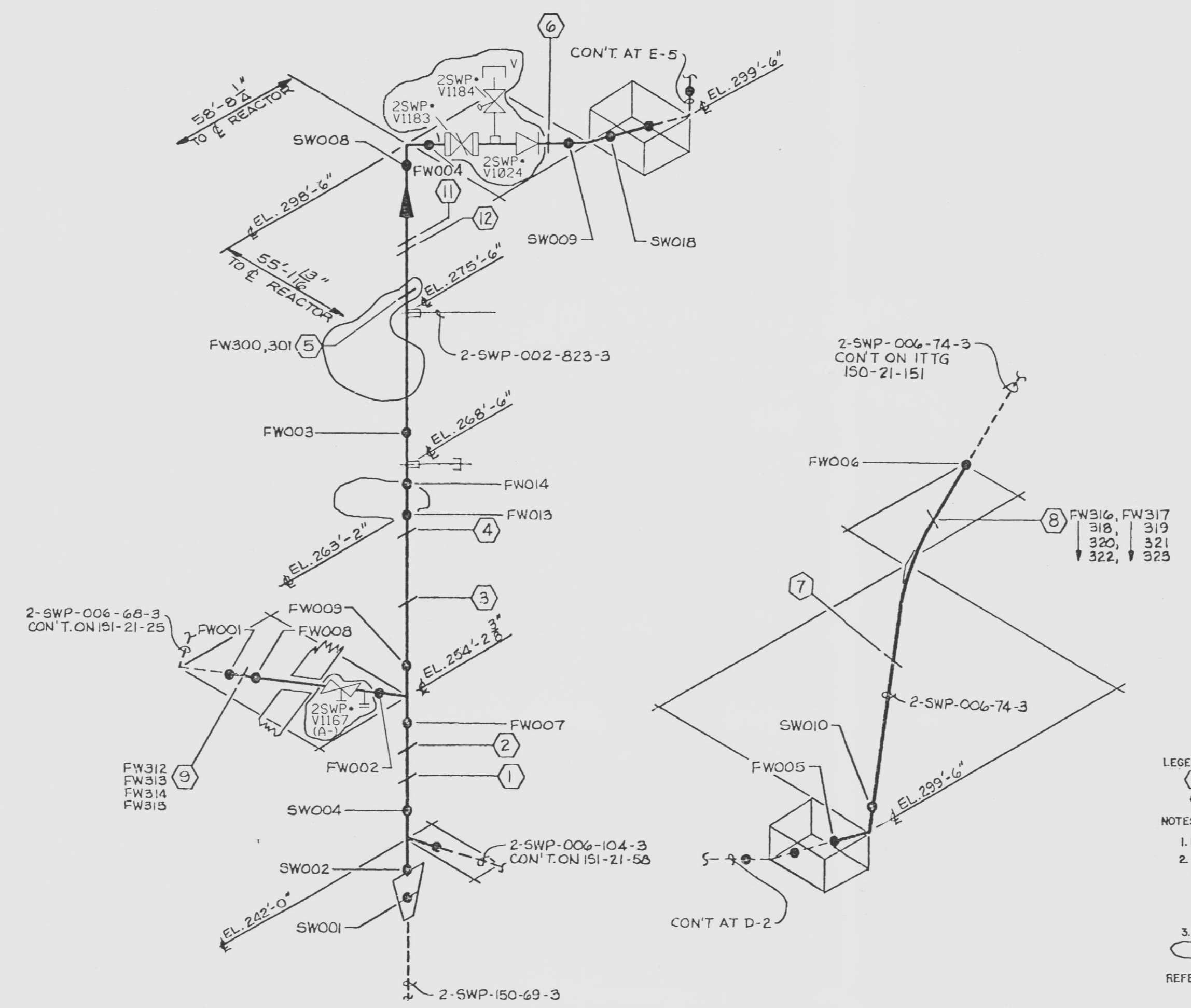
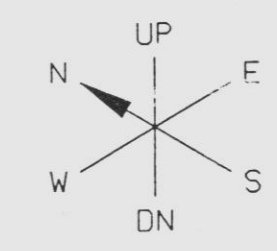
ORIGINAL

	NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
	ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING
SCALE: 1"=10'	DRAWING NO: ISI-25-08

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	
4	01/14/97	REVISED PER SECOND 10 YEAR INTERVAL											3	11-7-95	REDRAWN ON CADD REFERENCE EDC 2510143A										

△ A B C D △
C B A 0 A B C



NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSST643A3	BZ-19VB
2	2SWP-PSST644A3	BZ-19VC
3	2SWP-PSST645A3	BZ-19VD
4	2SWP-PSST646A3	BZ-19VE
5	2SWP-PSA1084A3	BZ-19YF
6	2SWP-PSR991A3	BZ-19WD
7	2SWP-PSR995A3	BZ-19WH
8	2SWP-PSR999A3	BZ-19WJ
9	2SWP-PSA1134A3	BZ-108KN
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11	2SWP-PSST1657A3	BZ-19ADM
12	2SWP-PSST1658A3	BZ-19ADM
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1.
 2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 3. ALL WELDS PRECEDED BY 2SWP-21-57

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-57-T
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP*

9808130044 ORIGINAL
 -11 CLASS 3

APERTURE CARD

NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

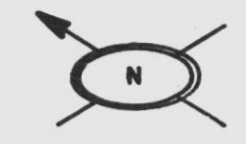
SCALE: NONE DRAWING NO: ISI-21-57

MF	REV	DATE	DESCRIPTION OF REVISION	W.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	W.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	02/24/97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, INC EDCS 2M10734A, 2M10693B ISSUED FOR COMPUTER DATA BASE			FJD																			

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

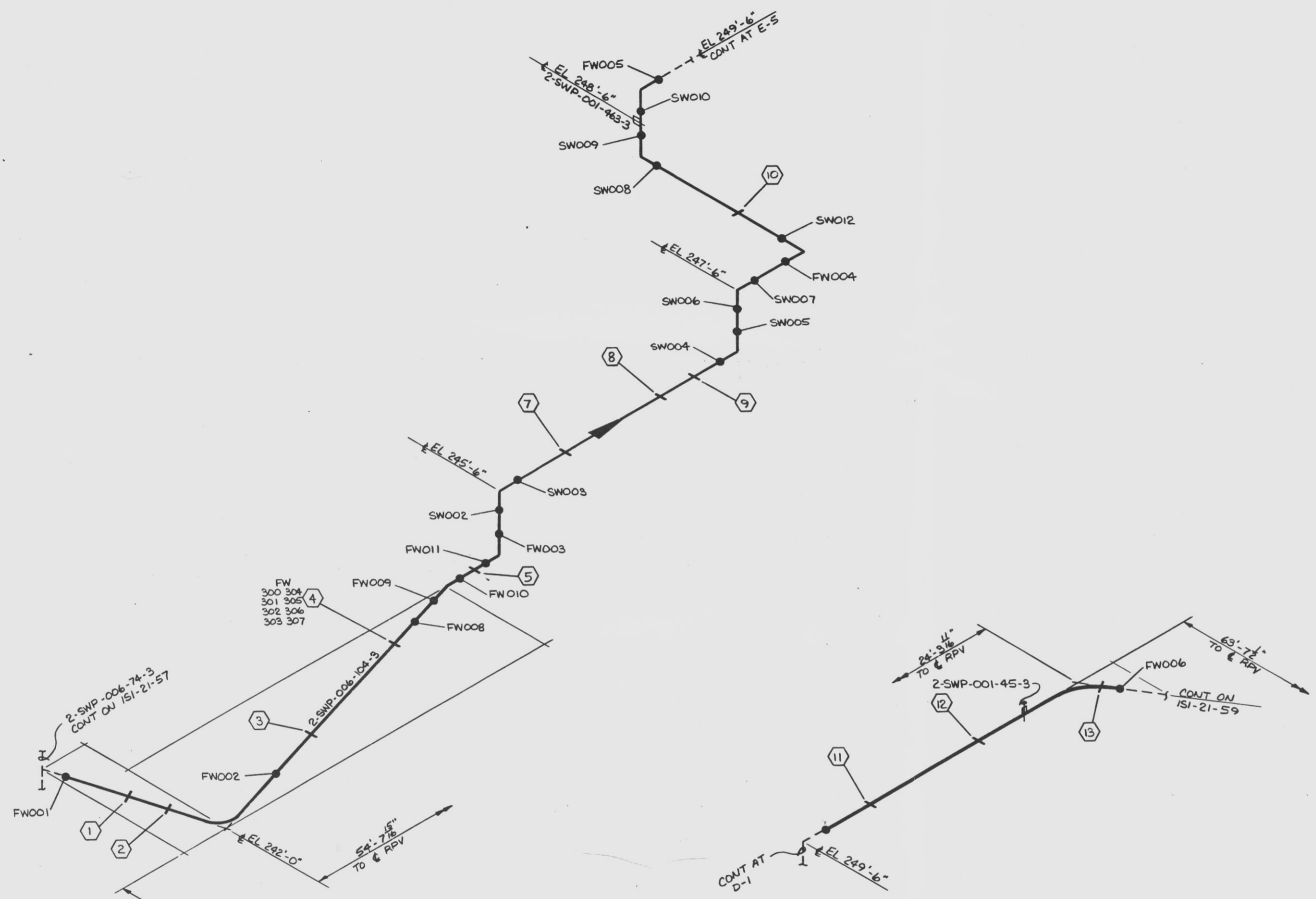
THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

85-12-1SI



QUAD-NW FL EL 240'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSST 490A3	BZ-19 PT
2	PSST 536	RJ
3	PSR 485	PN
4	PSR 491	PU
5	PSR 627	UJ
6		
7	PSR 532	RE
8	PSST 527	RB
9	PSST 564	SK
10	PSR 525	RA
11	PSR 510	QM
12	PSR 506	QJ
13	PSST 517	QT
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:
- SCALE: NONE
 - THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 - ALL WELDS PRECEDED BY 21-58-SWP-
 - ALL SUPPORTS PRECEDED BY 2SWP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-58-K
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

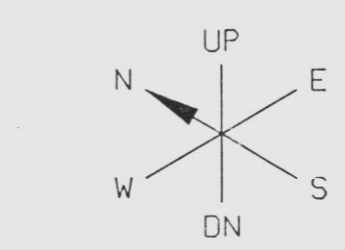
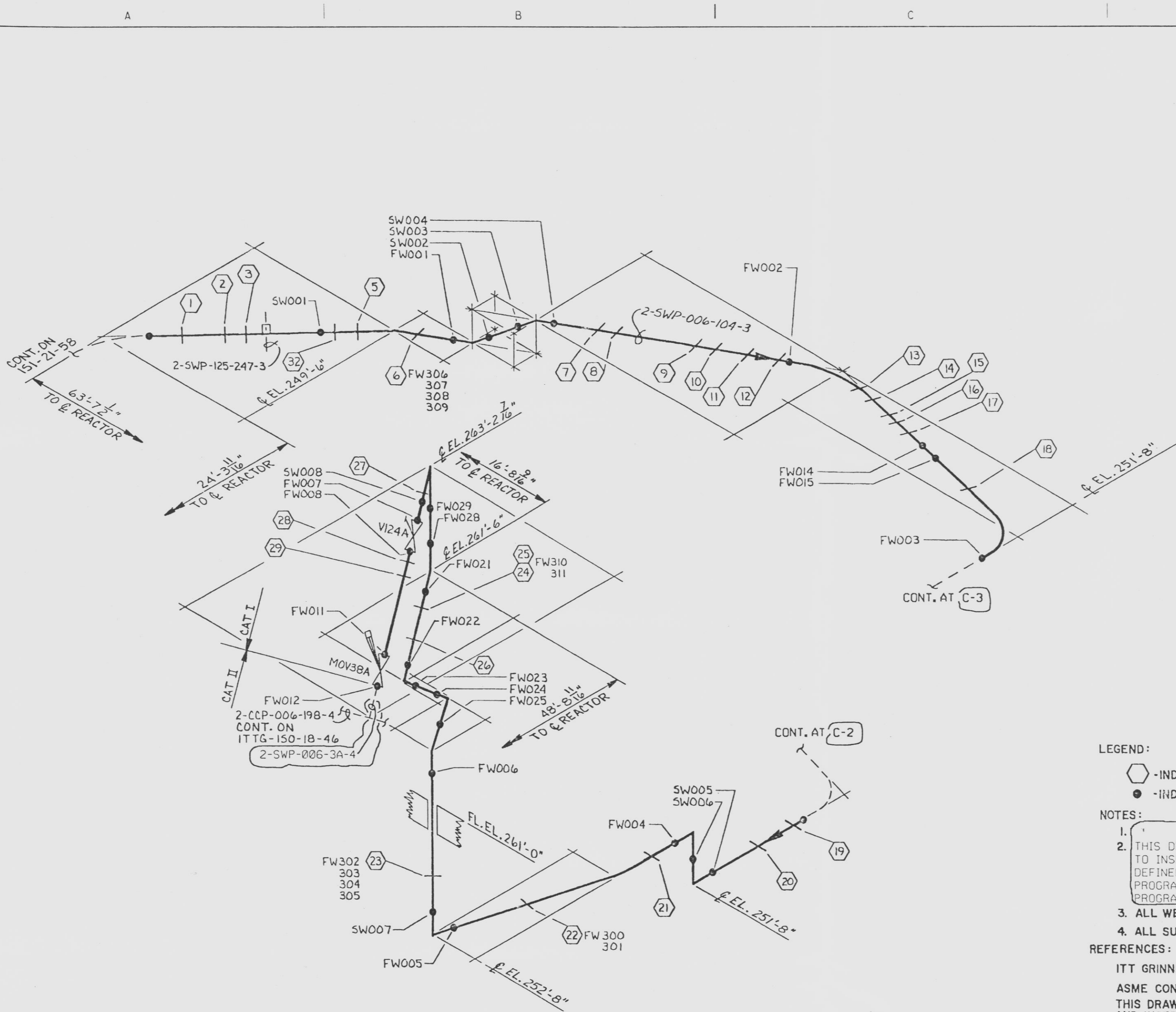
CLASS 3

APERTURE CARD

REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	MP DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CR.	APP.	NO.	MP DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CR.	APP.	APPROVED	ACCOUNT NUMBER	CLASS	ORIGINAL ISSUE DATE	FILE INDEX	DRAWING NUMBER	SHEET NUMBER
															317.30-0991-190000-5014	NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM	2-9-88		ISI-21-58	

9808130044-12

D



QUAD-NE FL EL 240'0", 261'0"

NO.	PIPE SUPPORT	BZ NO.
1	PSST511A3	BZ-19QN
2	PSST503A3	BZ-190G
3	PSST483A3	BZ-19PL
4		
5	PSST479A3	BZ-19PG
6	PSR477A3	BZ-19PE
7	PSST469A3	BZ-19NZ
8	PSST470A3	BZ-19NZ
9	PSST468A3	BZ-19NY
10	PSST467A3	BZ-19NY
11	PSST463A3	BZ-19NV
12	PSST462A3	BZ-19NU
13	PSST459A3	BZ-19NR
14	PSSP458A3	BZ-19NQ
15	PSST487A3	BZ-19PQ
16	PSR488A3	BZ-19PR
17	PSST494A3	BZ-19PX
18	PSR499A3	BZ-190C
19	PSR540A3	BZ-190L
20	PSST501A3	BZ-190E
21	PSST507A3	BZ-190K
22	PSR523A3	BZ-190Z
23	PSA512A3	BZ-190P
24	PSST5635A3	BZ-19UR
25	PSST5636A3	BZ-19UR
26	PSST637A3	BZ-19US
27	PSST634A3	BZ-19UQ
28	PSST630A3	BZ-19UL
29	PSSH562A3	BZ-19SH
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32	PSST482A3	BZ-19PJ
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LEGEND:

- -INDICATES PIPE SUPPORT
- -INDICATES A CIRCUMFERENTIAL WELD

NOTES:

- 1.
2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
3. ALL WELDS PRECEDED BY 2SWP-21-59
4. ALL SUPPORTS PRECEDED BY 2SWP-

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-59-W
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP*

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

APERTURE CARD ORIGINAL

9808130044-13
 CLASS 3

NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

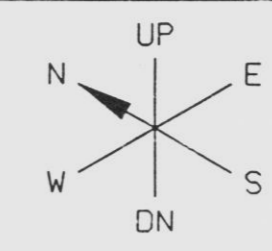
ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-21-59

WF	REV	DATE	DESCRIPTION OF REVISION	W.D.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	6-24-97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE REFERENCE EDC 2510105A	FJD		MJB	MI					

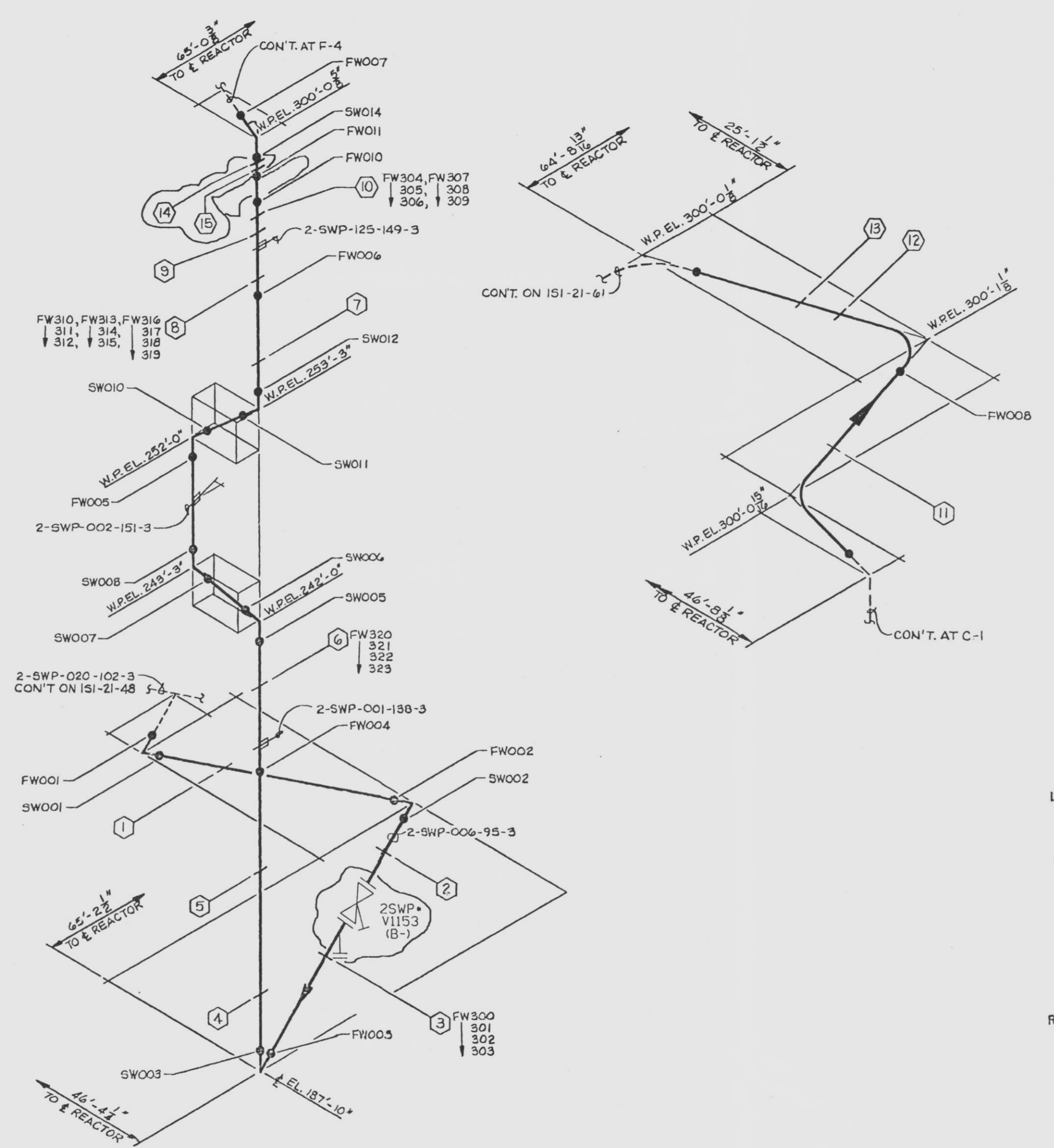
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

TAMERAN



QUAD-SW FL. EL. 175'-0", 198'-0",
215'-0", 240'-0", 261'-0" & 289'-0"

NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSST819A3	BZ-19EJ
2	2SWP-PSST820A3	BZ-19EK
3	2SWP-PSA559A3	BZ-19SE
4	2SWP-PSR653A3	BZ-19VH
5	2SWP-PSR663A3	BZ-19VQ
6	2SWP-PSR970A3	BZ-19VX
7	2SWP-PSR972A3	BZ-19VY
8	2SWP-PSRH076A3	BZ-19ZM
9	2SWP-PSR1016A3	BZ-19WT
10	2SWP-PSSP1075A3	BZ-19WT
11	2SWP-PSR1025A3	BZ-19WZ
12	2SWP-PSST1032A3	BZ-19XD
13	2SWP-PSST1034A3	BZ-19XE
14	2SWP-PSST1669A3	BZ-19ADS
15	2SWP-PSST1665A3	BZ-19ADS
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1.
 2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 3. ALL WELDS PRECEDED BY 2SWP-21-60
 4. ALL SUPPORTS PRECEDED BY 2-SWP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-60-L
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP*

ORIGINAL
 CLASS 3
 9808130044-14
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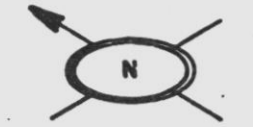
APERTURE CARD

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

WF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	WF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	6-24-97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, EDCS 2M10695B, 2M10783C ISSUED FOR COMPUTER DATA BASE																						

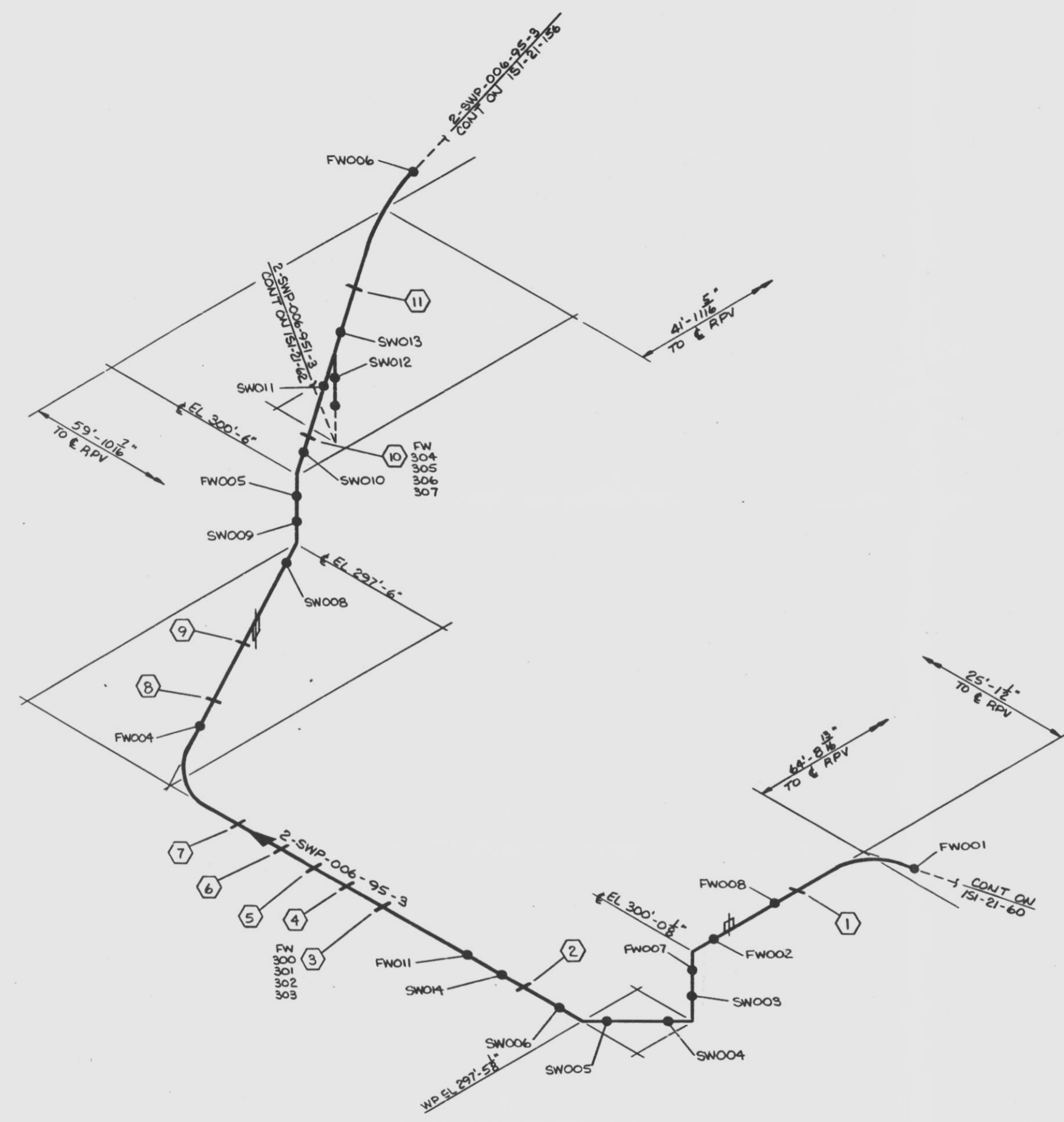
NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.
 ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING
 SCALE NONE DRAWING NO ISI-21-60

19-12-1S1



QUAD-NW FL EL 289'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSR 1056A3	BZ-19 XG
2	PSR 1071	YA
3	PSR 1066	YX
4	PSST 976	VZ
5	PSST 974	VZ
6	PSST 981	WC
7	PSST 982	WC
8	PSR 986	WE
9	PSR 987	WF
10	PSR 990	WG
11	PSR 993	WH
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LEGEND:

- - INDICATES PIPE SUPPORT
- - INDICATES A CIRCUMFERENTIAL WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 21-61-SWP-
4. ALL SUPPORTS PRECEDED BY 2SWP-

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-61-K
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

APERTURE CARD

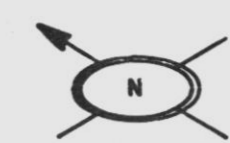
CLASS 3

DES. <i>[Signature]</i>	APPROVED 2-9-88	NM NIAGARA MOHAWK ACCOUNT NUMBER 317.30-0991-190000-5014	NINE-MILE POINT UNIT 2	ORIGINAL ISSUE DATE 2-9-88
DR. CDC	APPROVED 2-9-88		WELD AND COMPONENT	FILE INDEX
CK. RJB	APPROVED 2-9-88		IDENTIFICATION DIAGRAM	DRAWING NUMBER ISI-21-61
APPROVED				SHEET NUMBER

9808130044-15
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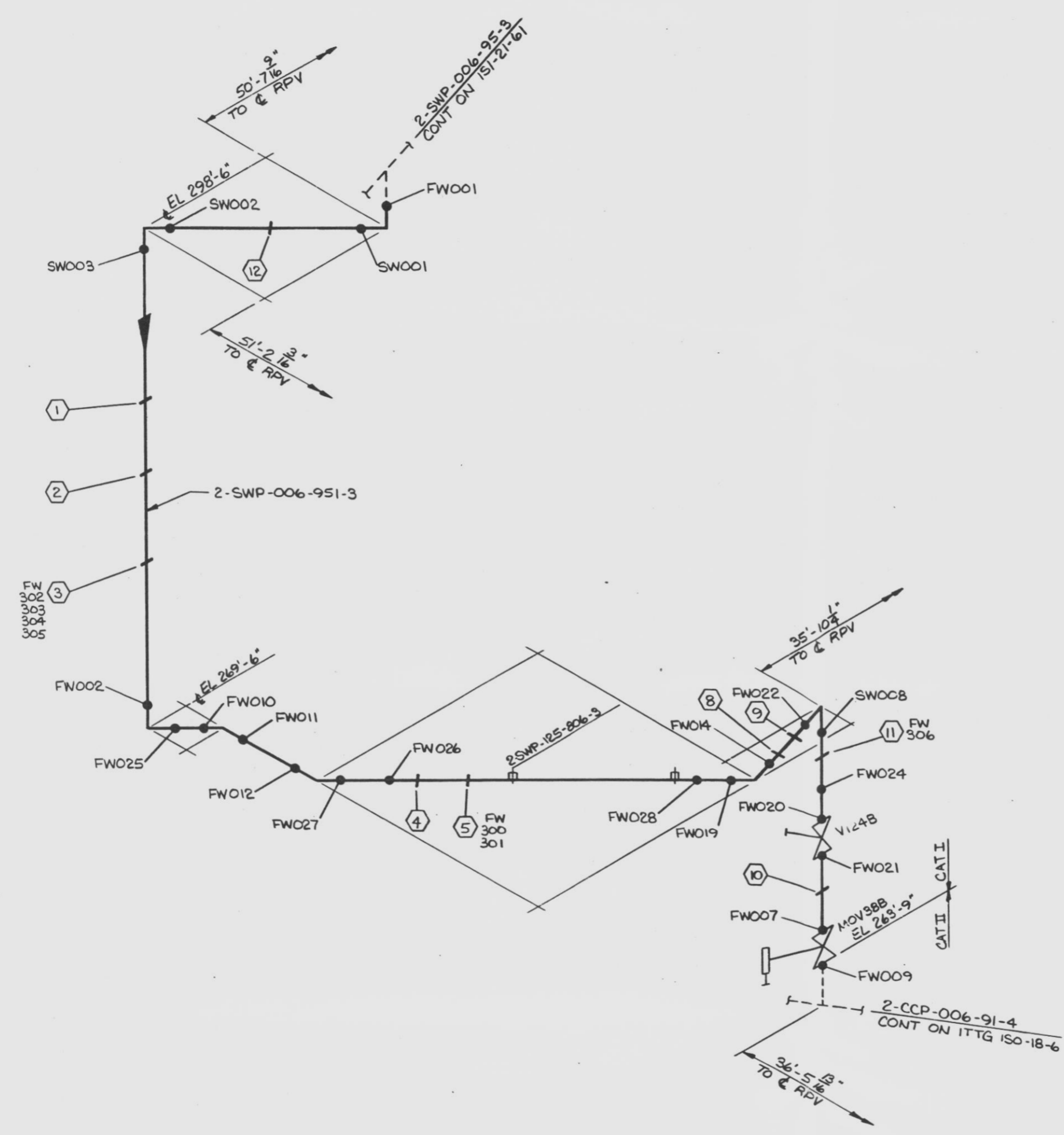
A B C D E F G H

IS1-21-62



QUAD-NW FL EL 261'-0"
AND 289'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSST1031A3	BZ-19 XC
2	PSST1030	XC
3	PSA 1152	AA-F
4	PSST1153	AA-G
5	PSST1151	AA-E
6		
7		
8	PSSP1147	AA-B
9	PSSH1148	AA-C
10	PSSP1170	AA-S
11	PSST1155	AA-J
12	PSR 984	WD
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 21-62-SWP-
 4. ALL SUPPORTS PRECEDED BY 2SWP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-62-AA
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP*

APERTURE CARD

CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO. MF DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CL.	APP.	NO. MF DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CL.	APP.	APPROVED	ACCOUNT NUMBER	FILE INDEX	DRAWING NUMBER	SHEET NUMBER
													317.30-0991-190000-5014	NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM	IS1-21-62	

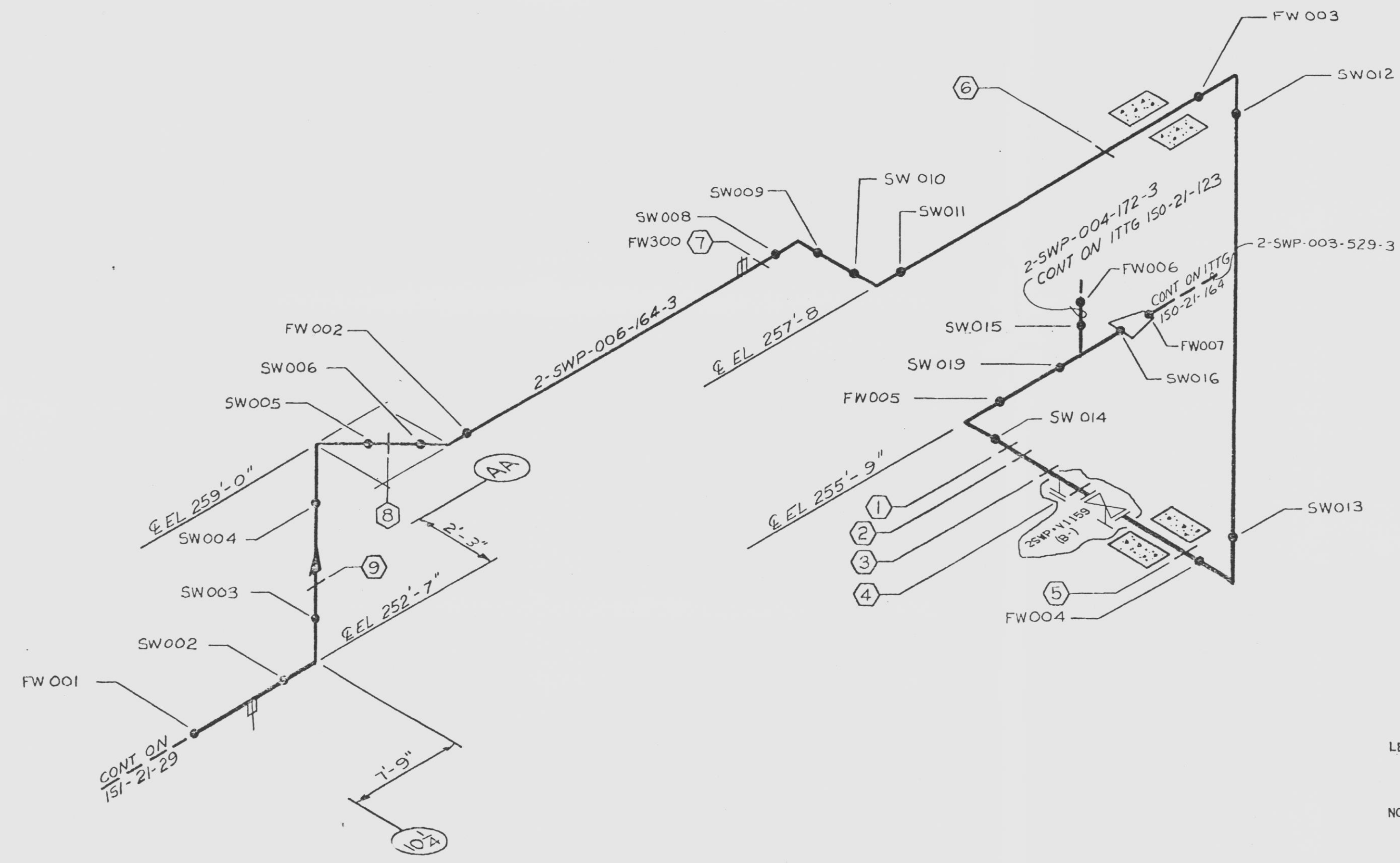
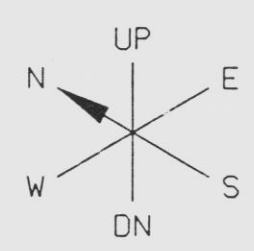


980813 0044-16

D

A B C D E F G H

A B C D



NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSST127B3	BZ-581G152
2	2SWP-PSST126B3	BZ-581G151
3	2SWP-PSST124B3	BZ-581G149
4	2SWP-PSST125B3	BZ-581G150
5	2SWR-PSST782B3	BZ-581G148
6	2SWR-PSR781B3	BZ-581G147
7	2SWR-PSR780B3	BZ-581G146
8	2SWR-PSST779B3	BZ-581G145
9	2SWR-PSR778B3	BZ-581G144
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LEGEND:
 -INDICATES PIPE SUPPORT
 -INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1.
 2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 3. ALL WELDS PRECEDED BY 2SWP-21-121

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-121-K
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP*

9808130044-17

APERTURE ORIGINAL CARD

CLASS 3

N I V NIAGARA
 N I M CHAWK
 NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.

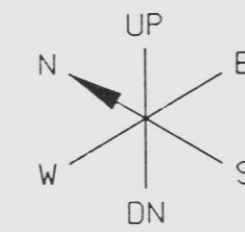
ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING

SCALE NONE DRAWING NO ISI-21-121

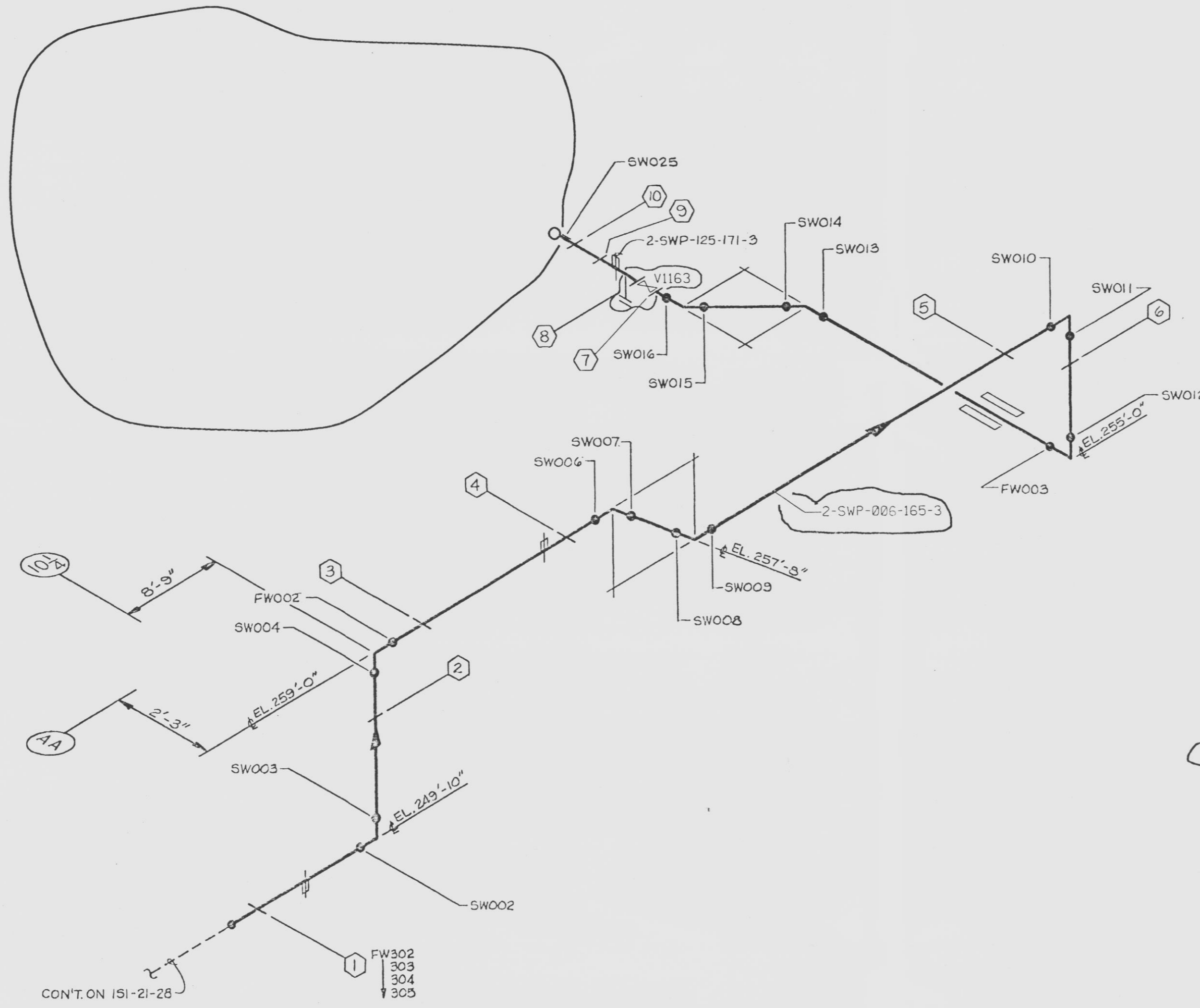
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

NO.	REV.	DATE	DESCRIPTION OF REVISION	V.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV.	DATE	DESCRIPTION OF REVISION	V.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
1			REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, INC LDC NO. 2M106788 ISSUED FOR COMPUTER DATA BASE																						

△ △ △ △ △ △ △ △ △ △
 C B A 0 A B C
 TAMERAN



NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSA1463A3	BZ-581J
2	2SWO-PSR760B3	BZ-581G024
3	2SWO-PSR759B3	BZ-581G023
4	2SWR-PSR754B3	BZ-581G008
5	2SWO-PSR758B3	BZ-581G022
6	2SWO-PSST757B3	BZ-581G021
7	2SWO-PSST068B3	BZ-581G019
8	2SWO-PSST069B3	BZ-581G020
9	2SWO-PSST067B3	BZ-581G18
10	2SWO-PSST066B3	BZ-581G017
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- LEGEND:**
- - INDICATES PIPE SUPPORT
 - - INDICATES A CIRCUMFERENTIAL WELD
 - - INDICATES EXEMPT WELD (REF. IWD-1220.1)

- NOTES:**
- THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPIC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 - ALL WELDS PRECEDED BY 2SWP-21-134

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-134-X
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP*
 9808130044-18

CLASS 3

ORIGINAL

APERTURE CARD

NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

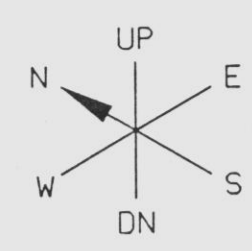
SCALE NONE DRAWING NO. ISI-21-134

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

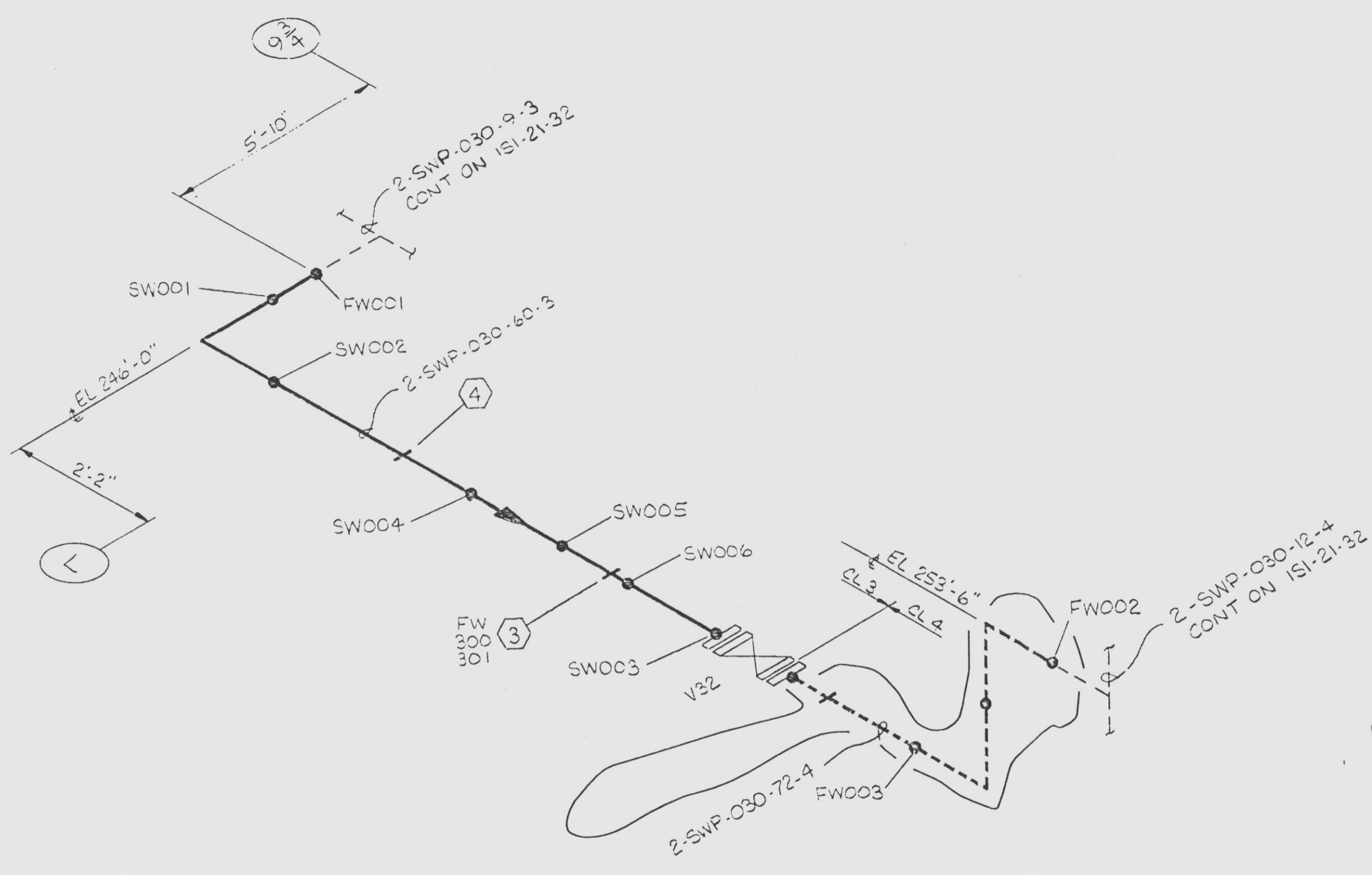
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

NO.	REV.	DATE	DESCRIPTION OF REVISION	M.O.	DPT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
1	1	12/1/87	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, INC EDC 2M16997A ISSUED FOR COMPUTER DATA BASE REMOVED 4" DIA. PIPING PER IWD-1220.1									

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NO.	PIPE SUPPORT	BZ NO.
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3	2SWP-PSR662A3	BZ-108J0
4	2SWP-PSR650A3	BZ-108JM
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- -INDICATES PIPE SUPPORT
- ⊗ -INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2SWP-21-146
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP* UNLESS SHOWN OTHERWISE.

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-146-K

9808130044-19

ORIGINAL CLASS 3 **D**

APERTURE GARD

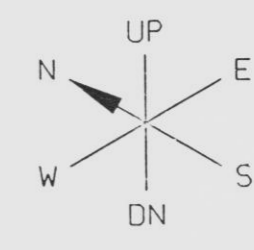
NY NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
 ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING
 SCALE: NONE DRAWING NO: ISI-21-146

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	6-24-97	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE																						

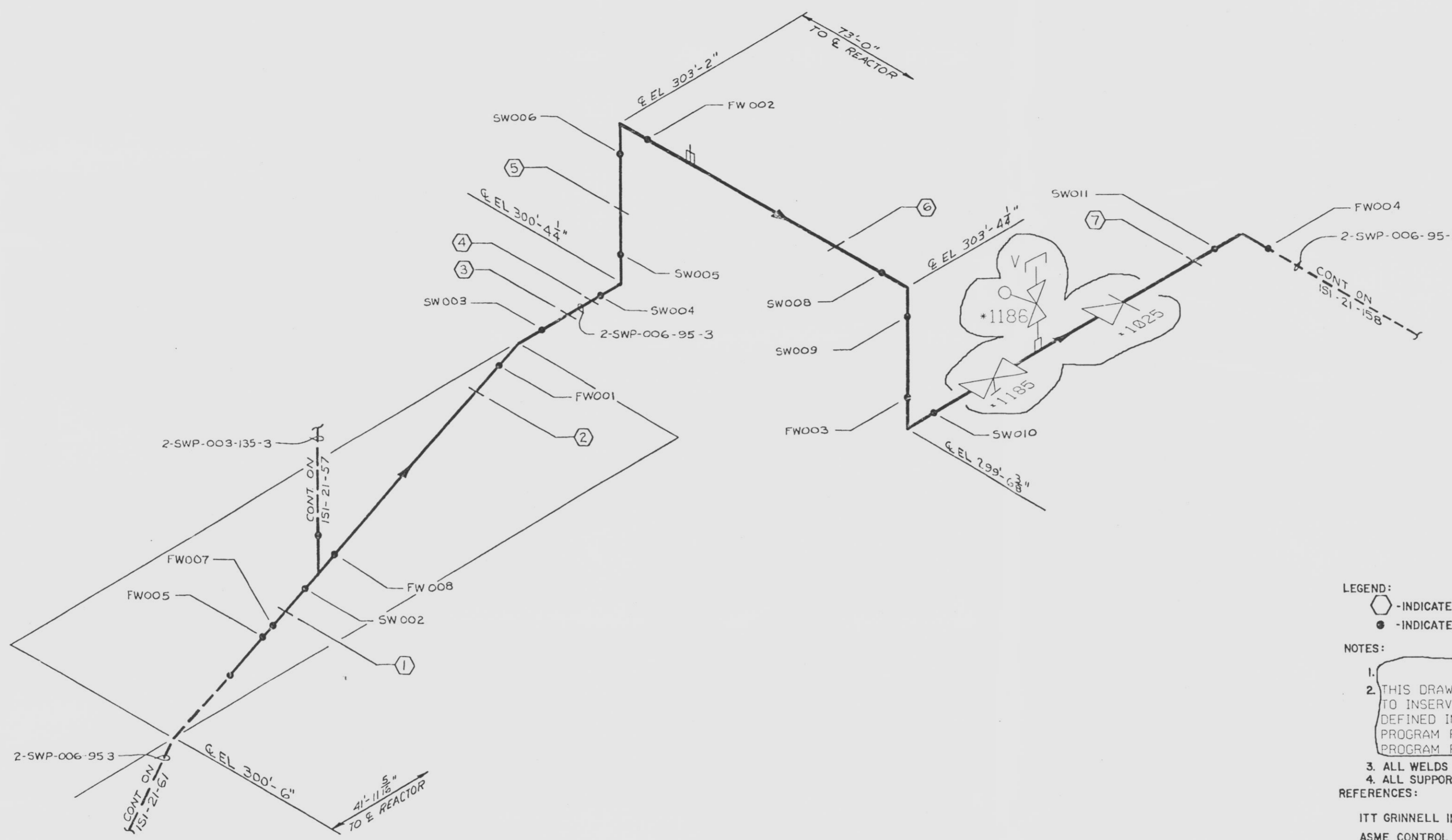
△ A B A B A C B C

TAMERAN



QUAD-NW FL EL 289'-0

NO.	PIPE SUPPORT	BZ NO.
1	PSR97A3	BZ-19WJ
2	PSR1002A3	BZ-19WL
3	PSR1012A3	BZ-19WR
4	PSR1013A3	BZ-19WR
5	PSR1093A3	BZ-19YN
6	PSR1044A3	BZ-19XJ
7	PSR1045A3	BZ-19XK
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:
- 1.
 2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 3. ALL WELDS PRECEDED BY 2SWP-21-156
 4. ALL SUPPORTS PRECEDED BY 2SWP

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-156-R
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY (2SWP)

9808130044-20
 CLASS 3

ORIGINAL

APERTURE CARD

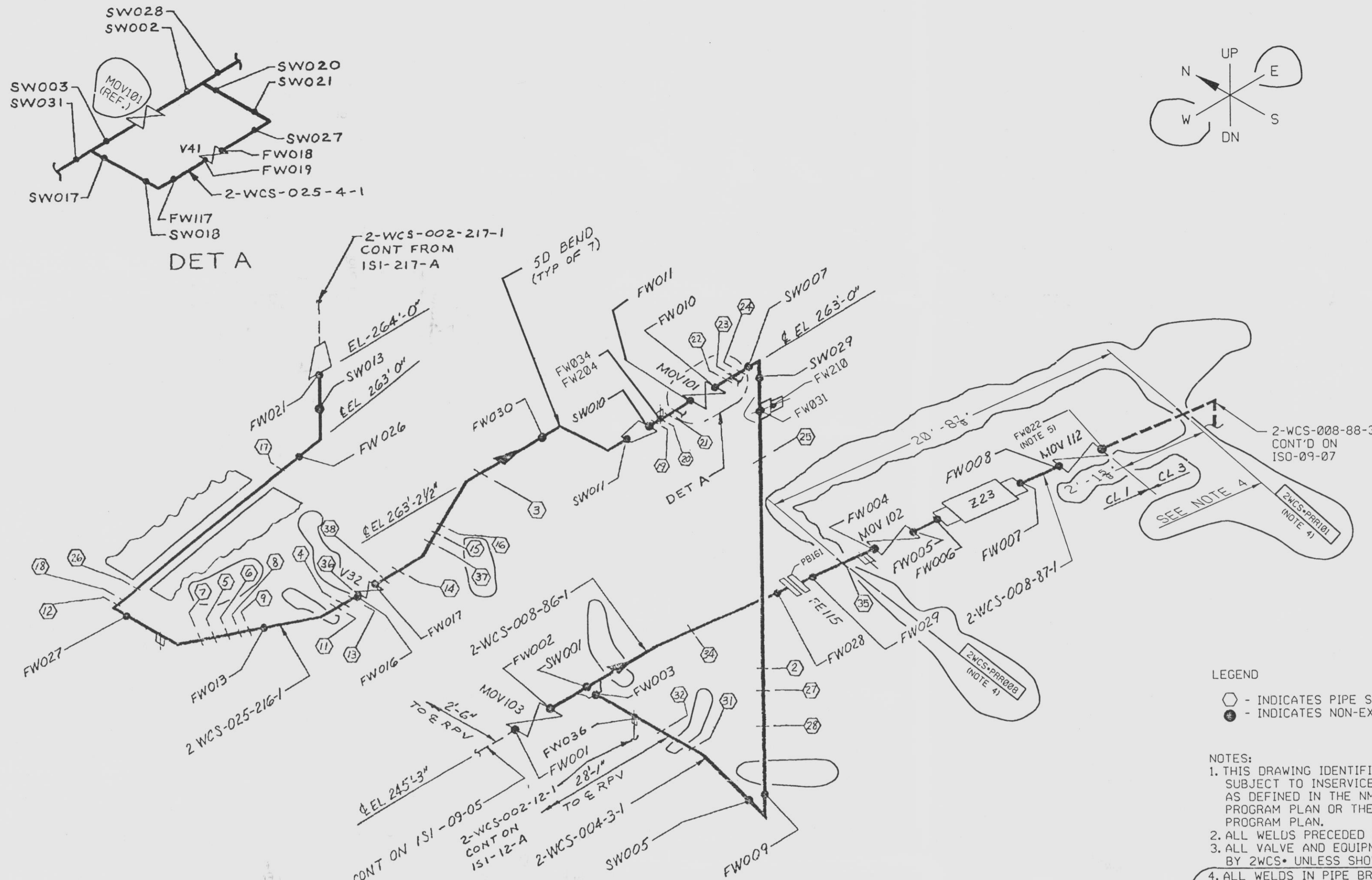
NIAGARA MOHAWK
 NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-21-156

NO.	REV.	DATE	DESCRIPTION OF REVISION	W.D.	DPT.	DES.	CHKD.	ENG.	ISI	ELEC.	MECH.	STR.
1			REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, INC EDC 2M10783C ISSUED FOR COMPUTER DATA BASE									

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES



NO.	PIPE SUPPORT	BZ NO.
1		
2	2WCS-PSS1593A1	BZ-74FZ
3	2WCS-PSSP565A1	BZ-74EV
4	2WCS-PSS1574A1	BZ-74FE
5	2WCS-PSSP580A1	BZ-74FL
6	2WCS-PSSP581A1	BZ-74FN
7	2WCS-PSSH561A1	BZ-74ER
8	2WCS-PSS1582A1	BZ-74FM
9	2WCS-PSSP583A1	BZ-74FP
10		
11	2WCS-PSS1585A1	BZ-74FR
12	2WCS-PSSP579A1	BZ-74FK
13	2WCS-PSS1575A1	BZ-74FF
14	2WCS-PSS1586A1	BZ-74FS
15	2WCS-PSS1587A1	BZ-74FT
16	2WCS-PSR588A1	BZ-74FU
17	2WCS-PSR634A1	BZ-74HS
18	2WCS-PSSH566A1	BZ-74EW
19	2WCS-PSSP573A1	BZ-74FD
20	2WCS-PSSH590A1	BZ-74FW
21	2WCS-PSS1589A1	BZ-74FV
22	2WCS-PSSP591A1	BZ-74FX
23	2WCS-PSSH572A1	BZ-74FC
24	2WCS-PSSP592A1	BZ-74FY
25	2WCS-PSSP567A1	BZ-74EX
26	2WCS-PSR635A1	BZ-74HT
27	2WCS-PSSP594A1	BZ-74GA
28	2WCS-PSS1595A1	BZ-74GB
29		
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31	2WCS-PSSP597A1	BZ-74GD
32	2WCS-PSS1598A1	BZ-74GE
33		
34	2WCS-PSR571A1	BZ-74FB
35	2WCS-PSR661A1	BZ-74JV
36	2WCS-PSS1116A1	BZ-74ABJ
37	2WCS-PSSP1121A1	BZ-74ABN
38	2WCS-PSS1862A1	BZ-74SE
39		

LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2WCS-09-06
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2WCS UNLESS SHOWN OTHERWISE.
 4. ALL WELDS IN PIPE BREAK EXCLUSION REGION (BETWEEN PIPE RUPTURE RESTRAINTS 2WCS-PRR008 AND 2WCS-PRR101) REQUIRE VOLUMETRIC EXAMINATION.
 5. NSR CLASS 3 WELD LOCATED WITHIN BREAK EXCLUSION BOUNDARY REQUIRING AUGMENTED EXAMINATION.

APERTURE CARD

REFERENCES: 9808130044-21
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 09-6-AN

CLASS 1 AND CLASS 3 NSR AUGMENTED

ORIGINAL

NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
 ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

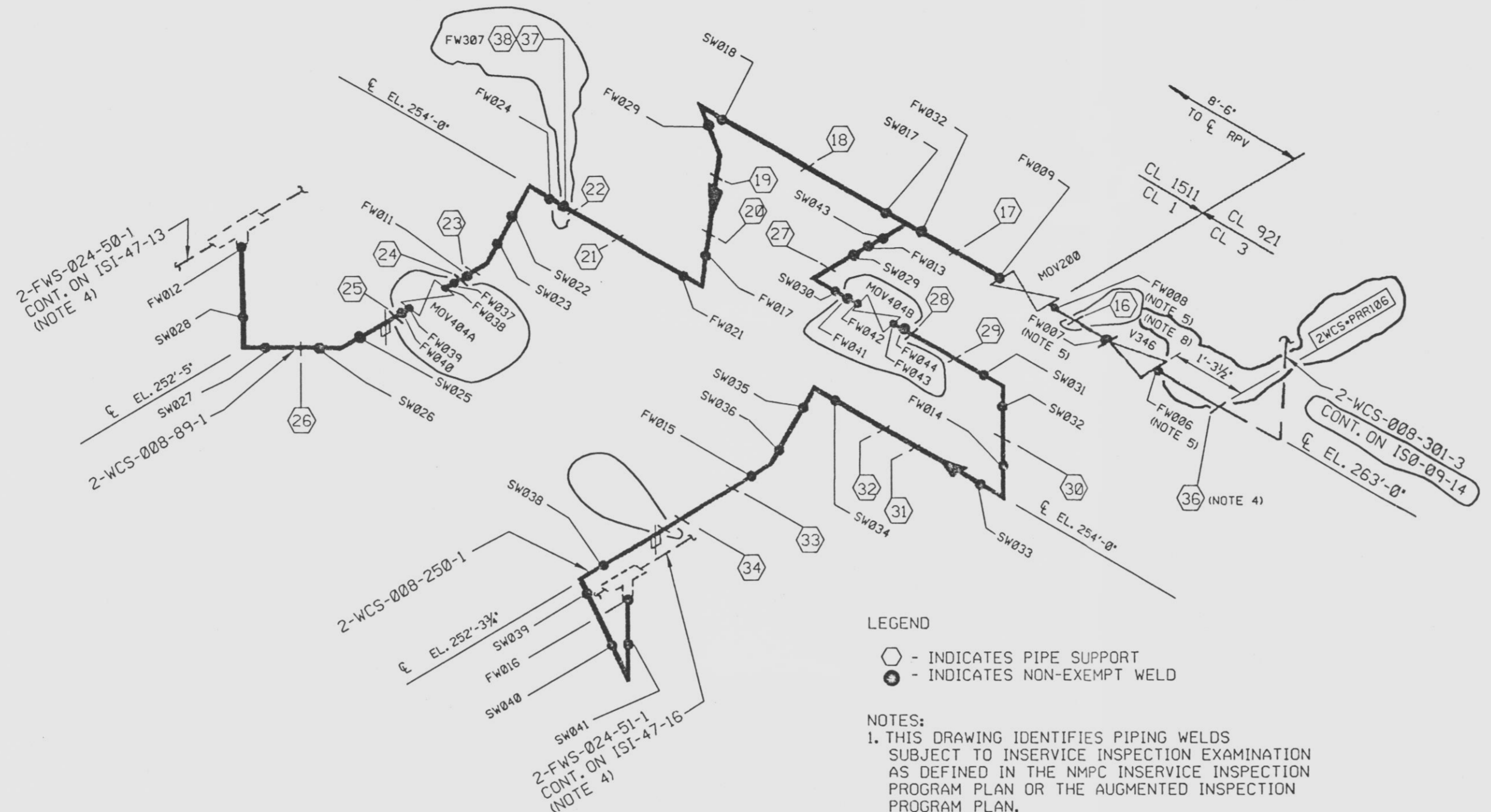
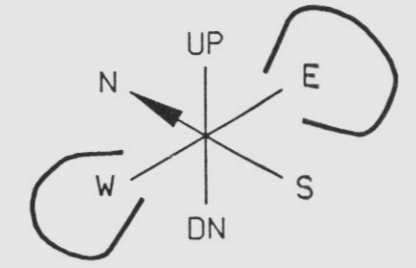
MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	
	4	11-2-92	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE REFERENCE EDCS 2S10444, 2S10531, 2S10439, 2S10443, 2S10442 & 2S10445	MI-KSB			RMK						3	11-2-92	REVISED PER ISI PLAN UPDATE REDRAWN ON CADD											

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES



THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

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16	2WCS-PSSH708A3	BZ-74LU
17	2WCS-PSSP707A1	BZ-74LT
18	2WCS-PSSP712A1	BZ-74LX
19	2WCS-PSSP713A1	BZ-74LY
20	2WCS-PSSP714A1	BZ-74LZ
21	2WCS-PSSP715A1	BZ-74MA
22	2WCS-PSSH716A1	BZ-74MB
23	2WCS-PSSP720A1	BZ-74MF
24	2WCS-PSSP719A1	BZ-74ME
25	2WCS-PSSH721A1	BZ-74MG
26	2WCS-PSSP722A1	BZ-74MH
27	2WCS-PSSP705A1	BZ-74LR
28	2WCS-PSSP704A1	BZ-74LQ
29	2WCS-PSST703A1	BZ-74LP
30	2WCS-PSSP701A1	BZ-74LM
31	2WCS-PSSP699A1	BZ-74LK
32	2WCS-PSSH698A1	BZ-74LJ
33	2WCS-PSSP697A1	BZ-74LH
34	2WCS-PSSH696A1	BZ-74LG
35		
36	2WCS-PSR709A3	BZ-74LV
37	2WCS-PSSP1130A1	BZ-74ABU
38	2WCS-PSSP1131A1	BZ-74ABU

LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2WCS-09-14
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2WCS* UNLESS SHOWN OTHERWISE.
 4. BREAK EXCLUSION BOUNDARY EXTENDS THROUGH LEWS LINES 2-FWS-024-50-1 AND 2-FWS-025-51-1 TO PIPE RUPTURE RESTRAINT NO. 2WCS+PRR106. PIPE SUPPORT NO. 16 IS VOLUNTARILY EXAMINED BY NMPC TO FURTHER ASSURE THE INTEGRITY OF THE BREAK EXCLUSION REGION, PURSUANT TO NMPC MEMOS SM2-590-0249, 0280 & 0300.
 5. NSR CLASS 3 WELDS LOCATED WITHIN THE BREAK EXCLUSION BOUNDARY THAT REQUIRE AUGMENTED EXAMINATION.
 6. FW037 INSTALLED BY CBI SERVICES, INC. UNDER NAME CWA-28058-1-FW-01
 FW038 INSTALLED BY CBI SERVICES, INC. UNDER NAME CWA-28058-1-FW-02
 FW039 INSTALLED BY CBI SERVICES, INC. UNDER NAME CWA-28058-1-FW-03
 FW040 INSTALLED BY CBI SERVICES, INC. UNDER NAME CWA-28058-1-FW-04
 7. FW041 INSTALLED BY CBI SERVICES, INC. UNDER NAME CWA-28058-2-FW-01
 FW042 INSTALLED BY CBI SERVICES, INC. UNDER NAME CWA-28058-2-FW-02
 FW043 INSTALLED BY CBI SERVICES, INC. UNDER NAME CWA-28058-2-FW-03
 FW044 INSTALLED BY CBI SERVICES, INC. UNDER NAME CWA-28058-2-FW-04
 8. SUPPORT NO. 36 APPEARS FOR INFORMATION ONLY AND IS NOT REQUIRED TO BE EXAMINED EITHER BY MANDATE OR COMMITMENT.

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING
 ISOMETRIC 09-14-AL
 12177-EV-72R-2

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

ORIGINAL
 9809130044-22
 CLASS 1 AND CLASS 3 NSR AUGMENTED

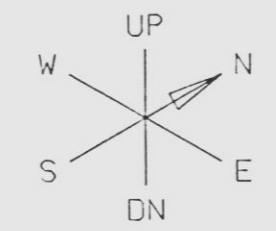
NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
 ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	
4	7-8-17	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE INCORPORATES EDCS 2M10348A AND 2S10484D REFERENCE EDC 2S10482											3	11-2-92	REVISED PER ISI PLAN UPDATE REDRAWN ON CADD										

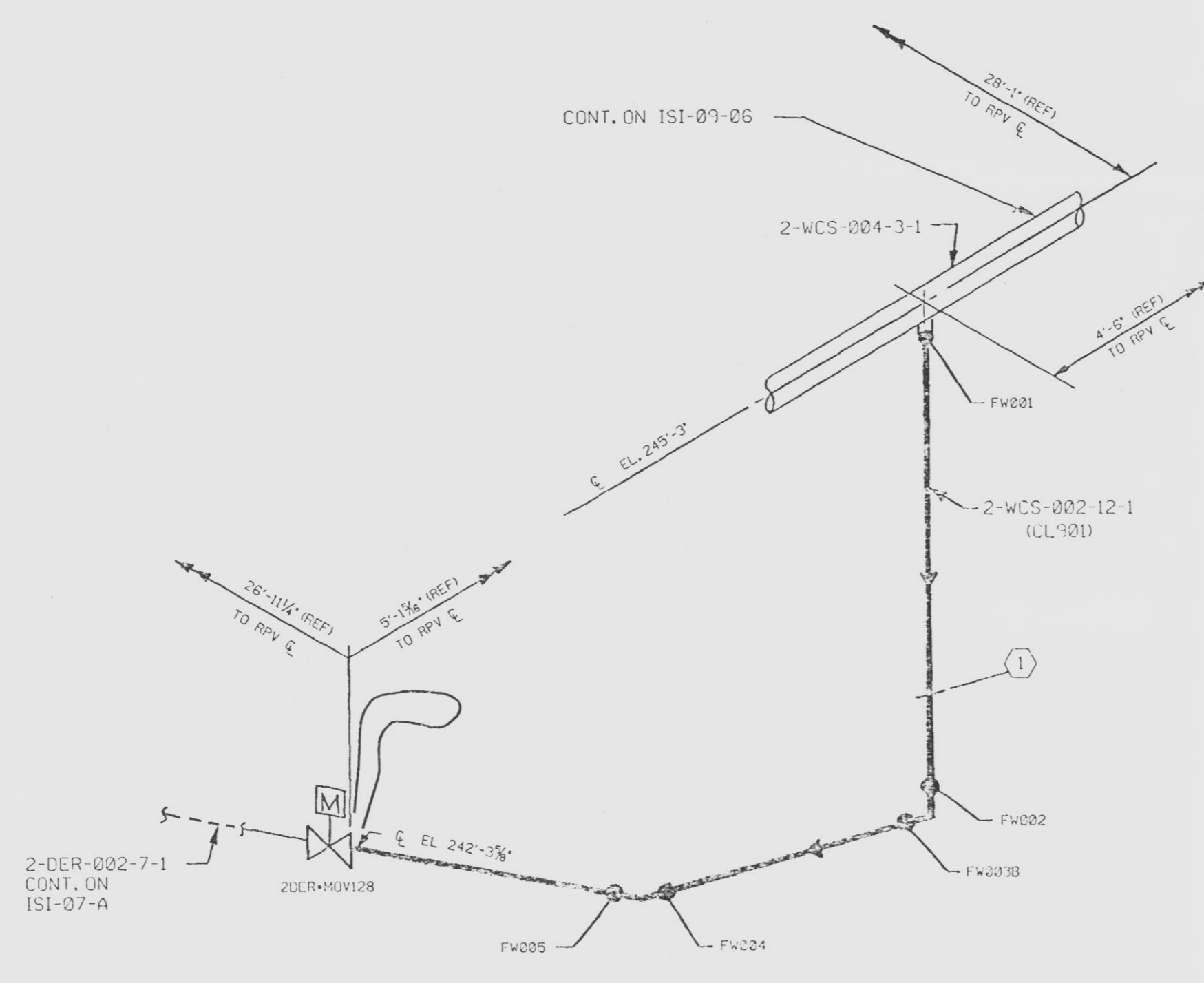
SCALE	DRAWING NO
NONE	ISI-09-14



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NO.	PIPE SUPPORT	BZ NO.
1	2WCS-PSSP928A1	BZ-74UX
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
2. ALL WELDS PRECEDED BY 2WCS-012A
3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2WCS UNLESS SHOWN OTHERWISE.

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A

ORIGINAL
9808130044-23

CLASS 1 **D**

APERTURE CARD

NY NIACARA
N.M. MOHAWK

NINE MILE POINT
NUCLEAR STATION - UNIT 2
SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT
IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-12-A

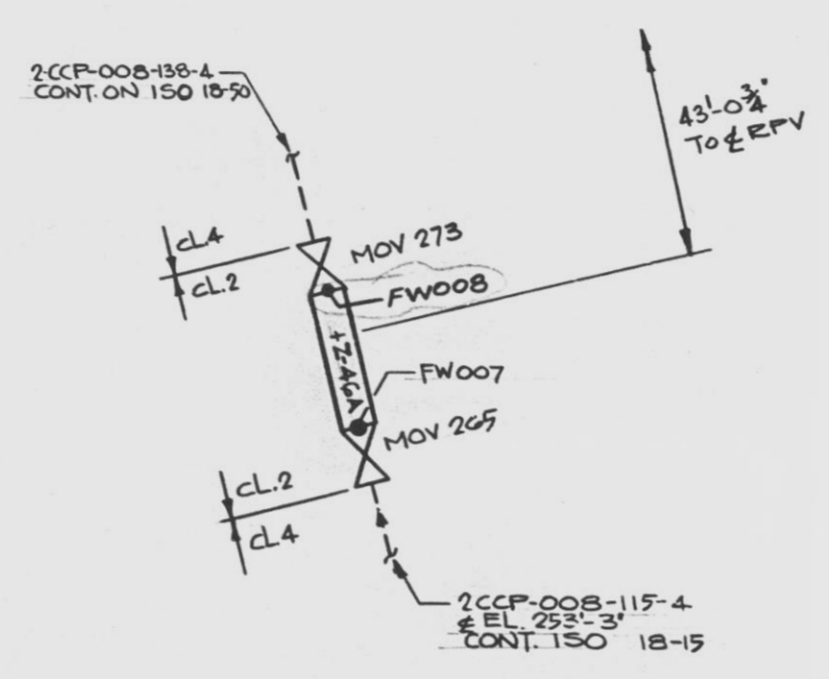
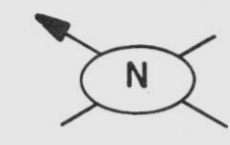
REV	DATE	DESCRIPTION	BY	CHKD	APP'D
3	11-2-92	REVISED PER ISI PLAN UPDATE RECRAWN ON CARD	MAV	MI	KUP
4	6-24-97	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE REFERENCE 2-DER-7-CDA	RMK	MI	DL

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

△ A B A 0 A B C

TAMERAN

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.



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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 18-15-CCP
4. ALL SUPPORTS PRECEDED BY 2CCP

REFERENCES:

- ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 18-15-M
- ASME CONTROL DWG N/A

APERTURE CARD

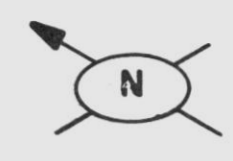
9808130044 - 24 **D**

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
ALL VALVES AND EQUIPMENT NUMBERS PRECEDED BY 2CCP*

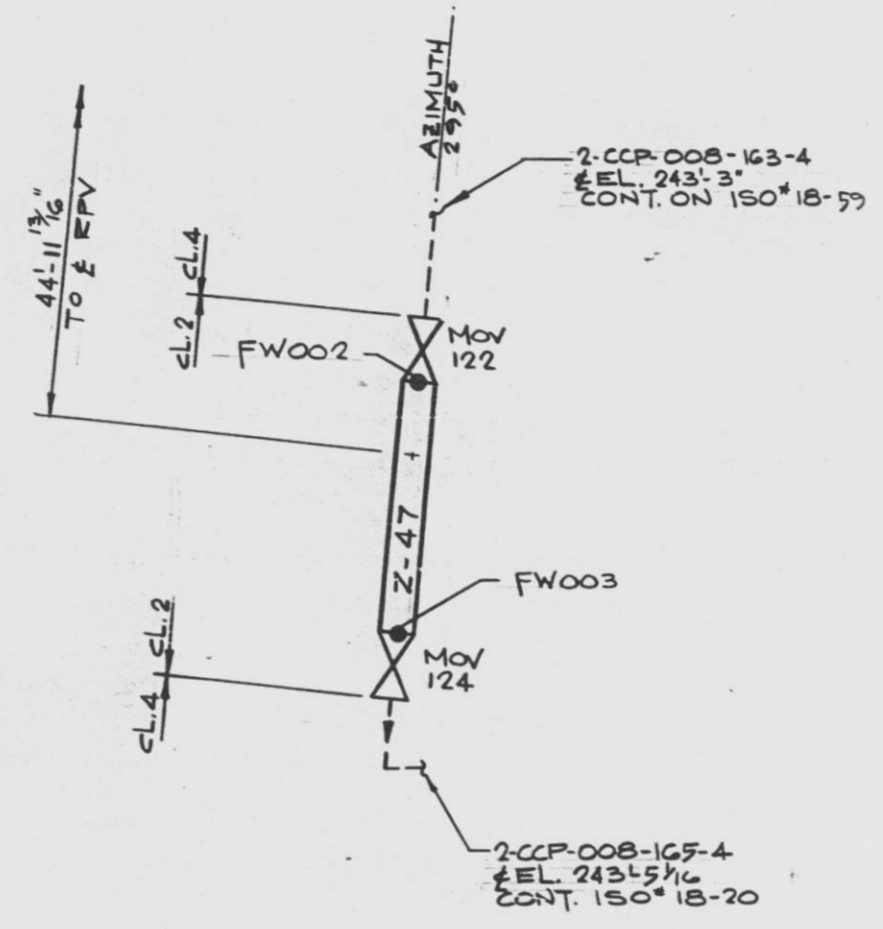
NO	DATE	REVISION	BY	CHKD	APPR
1	7/2/85	REVISED PER PSI PLAN UPDATE	me	SKH	TD
0	7/1/85	SWEC RELEASED FOR PRESERVICE INSPECTION	me	SKH	TD

NMP2
WELD & COMPONENT
IDENTIFICATION DIAGRAM
NINE MILE POINT NUCLEAR STATION - UNIT 2
NIAGARA MOHAWK POWER CORPORATION

CLASS 2
DWG NO ISI-18-15
 DRAWN BY J.P. GEORGE
 CHKD BY J. DAVID



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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 18-20-CCP
 4. ALL SUPPORTS PRECEDED BY 2CCP

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING
 ISOMETRIC 18-20-N
 ASME CONTROL DWG N/A

9808130044 - 25 **D**

APERTURE
CARD

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVES AND EQUIPMENT NUMBERS PRECEDED BY 2CCP*

NO	DATE	REVISION	BY	CHKD	APPR
1	7/23/85	REVISED PER PSI PLAN UPDATE	W. S. H.	J. D.	
0	7/4/85	SWEC RELEASED FOR PRESERVICE INSPECTION	W. S. H.	J. D.	

**NMP2
 WELD & COMPONENT
 IDENTIFICATION DIAGRAM**

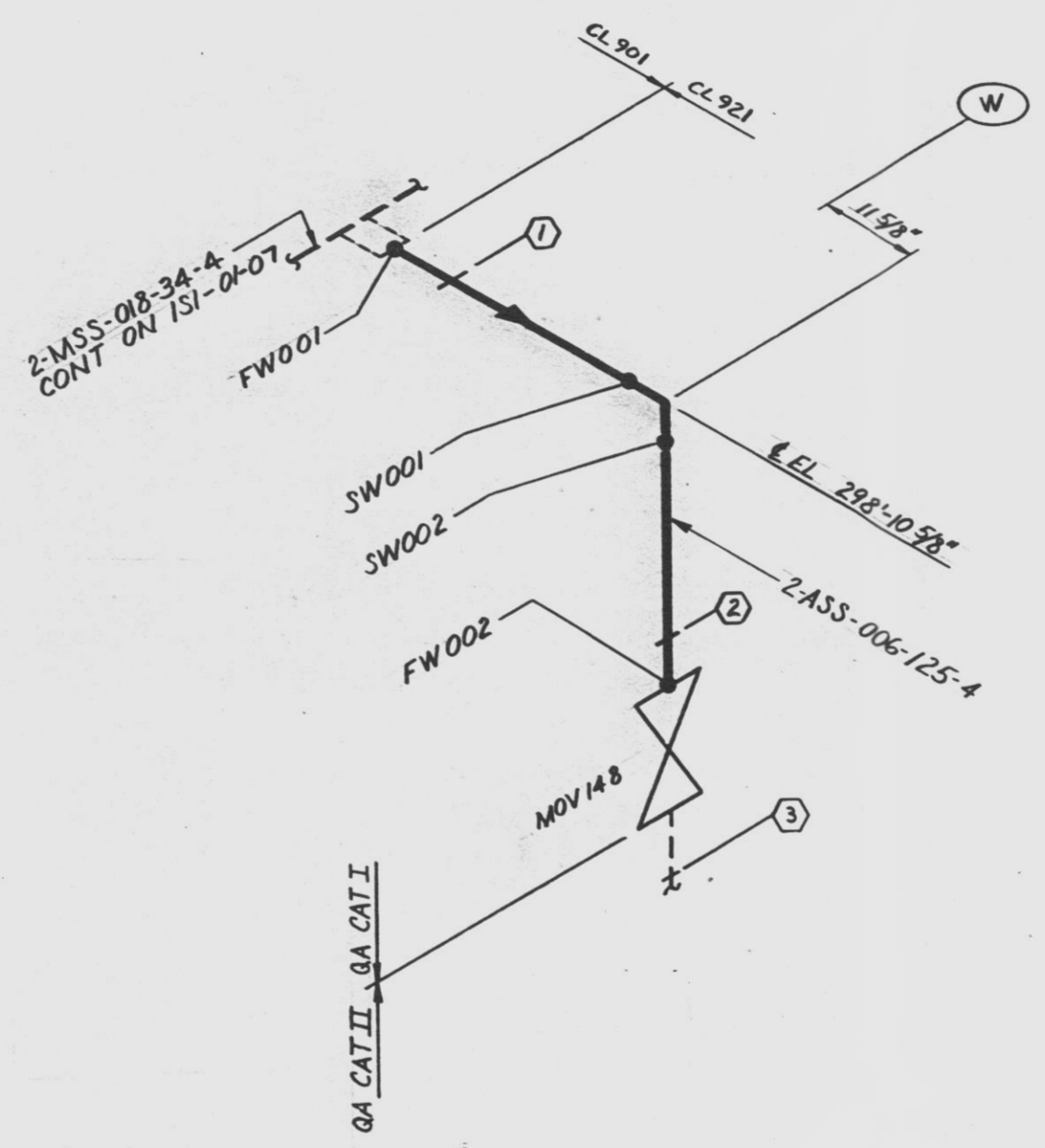
NINE MILE POINT NUCLEAR STATION - UNIT 2
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 2
 DWG NO ISI-18-20**

DRAWN BY S. GEORGE
 CHKD BY J. DAVID



NO.	PIPE SUPPORT	BZ NO.
1	ZASS PSSP132 B4	BZ-156-104
2	ZASS PSSP133 B4	BZ-156-105
3	ZASS PSSP134 B4	BZ-156-106
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 20-01-ASS
 4. ALL SUPPORTS PRECEDED BY ZASS

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 20-01-Q
 ASME CONTROL DWG 14A

9808130044-26

APERTURE CARD

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY ZASS*

NO	DATE	REVISION	BY	CHKD	APPR
2	7/22/06	REVISED PER IWF-CR-59	W	AS	MS/AS
1	7/23/05	REVISED PER PSI PLAN UPDATE	AS	SLK	TD
0	7/23/05	SWEC RELEASED FOR PRESERVICE INSPECTION	AS	SLK	TD

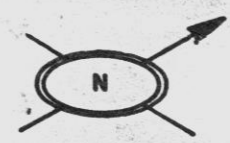
NMP2
 WELD & COMPONENT
 IDENTIFICATION DIAGRAM
 NINE MILE POINT NUCLEAR STATION - UNIT 2
 NIAGARA MOHAWK POWER CORPORATION

CLASS 2
 DWG NO ISI-20-01

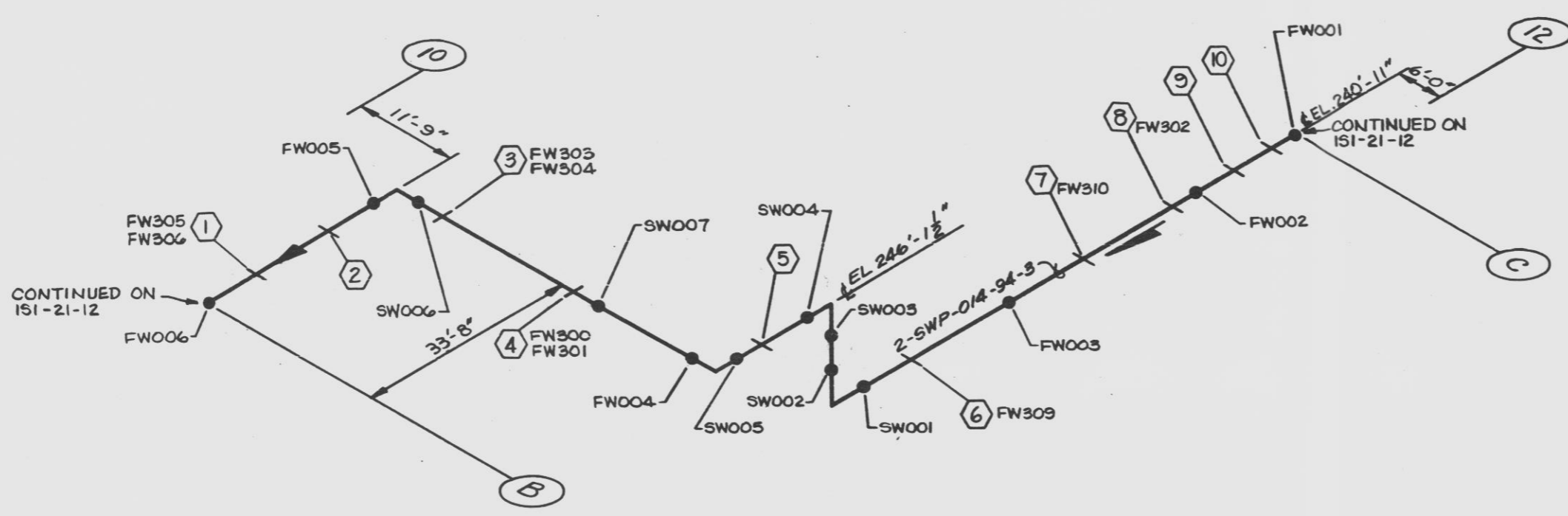
DRAWN BY SANSELMO
 CHKD BY J. DAVID

A | B | C | D | E | F | G | H

ISI-21-2



NO.	PIPE SUPPORT	BZ NO.
1	PSR135A3	BZ-108BH
2	PSR141A3	BZ-108BJ
3	PSR143A3	BZ-108BL
4	PSR149A3	BZ-108BM
5	PSR165A3	BZ-108BS
6	PSR182A3	BZ-108CA
7	PSR197A3	BZ-108CB
8	PSR205A3	BZ-108CC
9	PSR241A3	BZ-108CB
10	PSR298A3	BZ-108CB
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:
- SCALE: NONE
 - THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 - ALL WELDS PRECEDED BY 2I-2-SWP
 - ALL SUPPORTS PRECEDED BY 2SWP

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 2I-2-J
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

APERTURE CARD

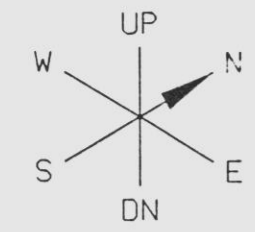
CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO. MP	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO. MP	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	APPROVED	ACCOUNT NUMBER	317.30-0991-190000-5014	NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM TUNNEL PIPING	ORIGINAL ISSUE DATE 2-9-88	FILE INDEX	DRAWING NUMBER ISI-21-2	SHEET NUMBER

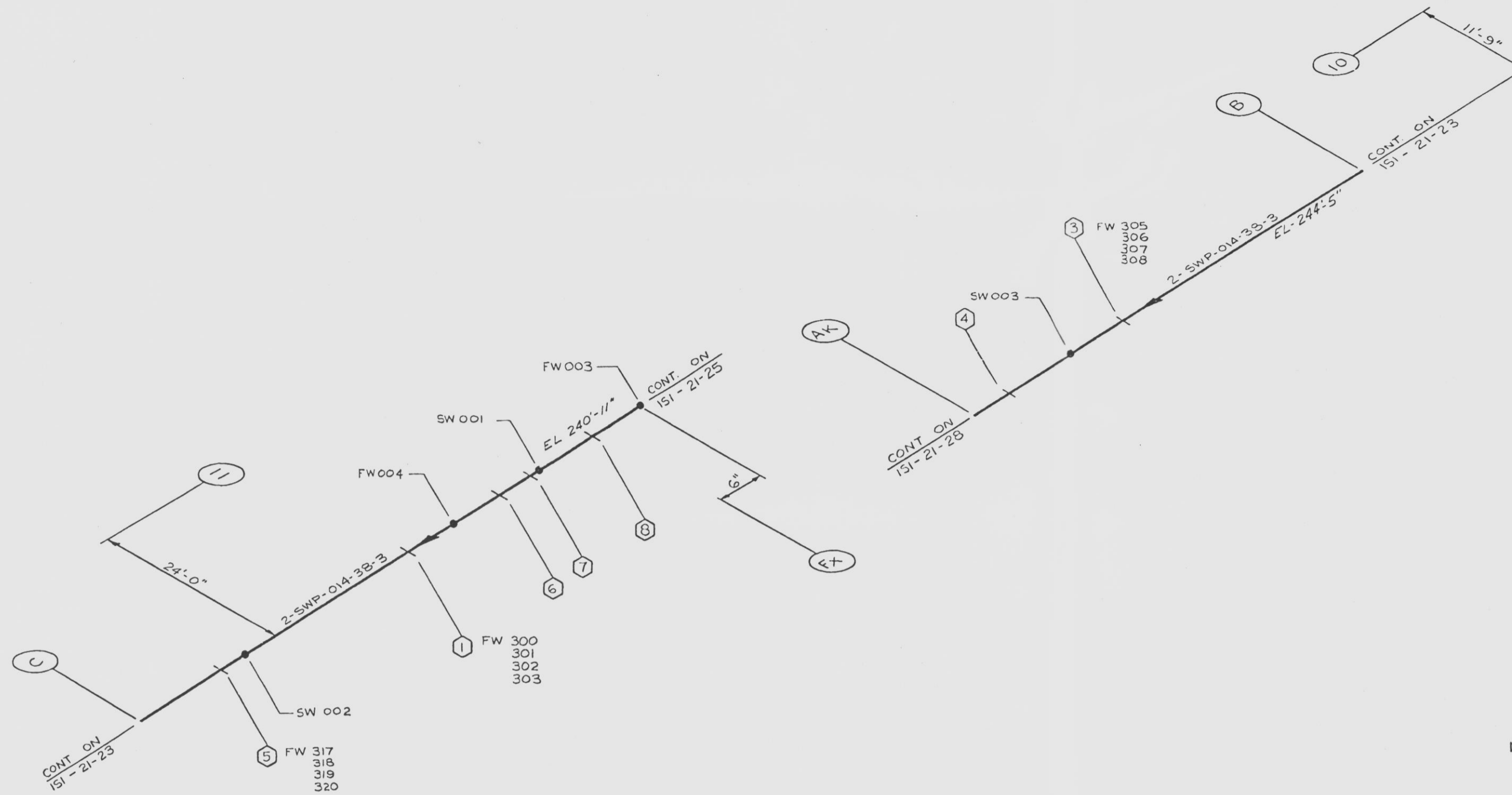
A | B | C | D | E | F | G | H

9808130044-27





NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSR111A3	BZ-108KE
2	VOID	VOID
3	2SWD-PSR002B3	BZ-108TQ-707
4	2SWD-PSR193A3	BZ-108KG
5	2SWP-PSA118A3	BZ-108TT
6	2SWP-PSST1426A3	BZ-108UX
7	2SWP-PSST1425A3	BZ-108UX
8	2SWP-PSR1255A3	BZ-1085SW
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LEGEND:

- - INDICATES PIPE SUPPORT
- - INDICATES A CIRCUMFERENTIAL WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 25WP-21-11

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-11-K
ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

9806130044 - 78

CLASS 3

APERTURE CARD

ORIGINAL

	NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
	ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING
SCALE: NONE	DRAWING NO: ISI-21-11

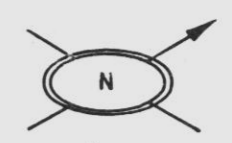
MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	2	9/11/97	ENGINEERING ENHANCEMENT REVISED NOTE 3																						

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

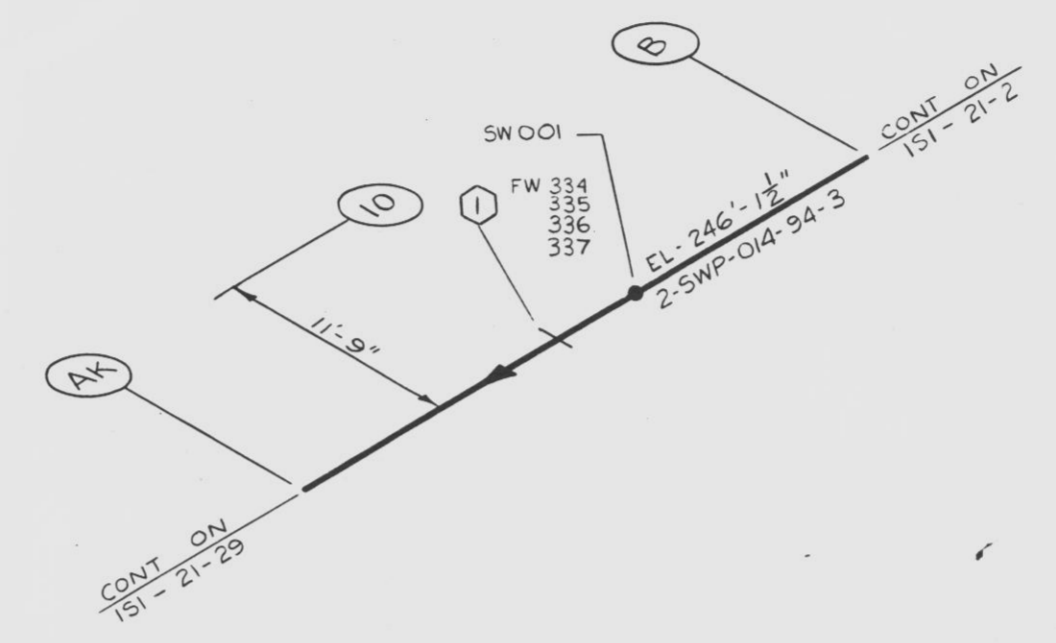
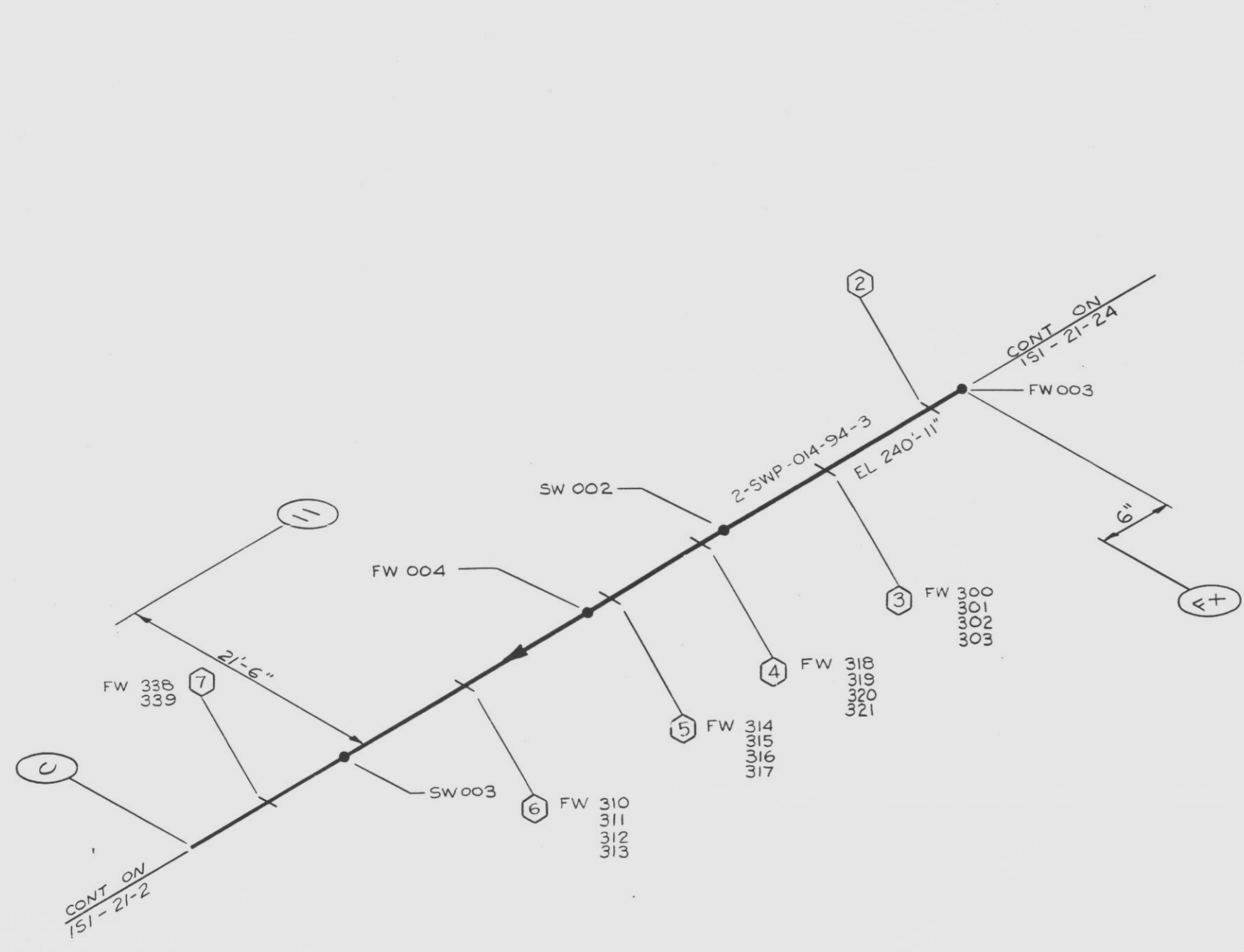


A B C D E F G H

DRAWING NUMBER
ISI-21-12
SHEET NUMBER



NO.	PIPE SUPPORT	BZ NO.
1	2 SWP-PSR 001 B 3	BZ-1081Q-705
2	2 SWP-PSR 116 A 3	BZ-108KR
3	2 SWP-PSR 115 B 3	BZ-108TP468
4	2 SWP-PSR 114 A 3	BZ-108KF
5	2 SWP-PSR 113 B 3	BZ-108TP-449
6	2 SWP-PSR 112 A 3	BZ-108KF
7	2 SWP-PSA 117 A 3	BZ-108TE
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LEGEND:
 - INDICATES PIPE SUPPORT
 - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 21-12-SWP

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-12-J
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

APERTURE CARD

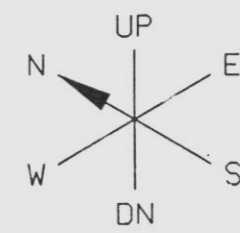
CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	DES.	APPROVED	ACCOUNT NUMBER	317.30-0991-190000-5014	NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM	ORIGINAL ISSUE DATE	FILE INDEX	DRAWING NUMBER ISI-21-12	SHEET NUMBER
														DR. KSB	APPROVED 6-22-94							
														CK. BAL	APPROVED							

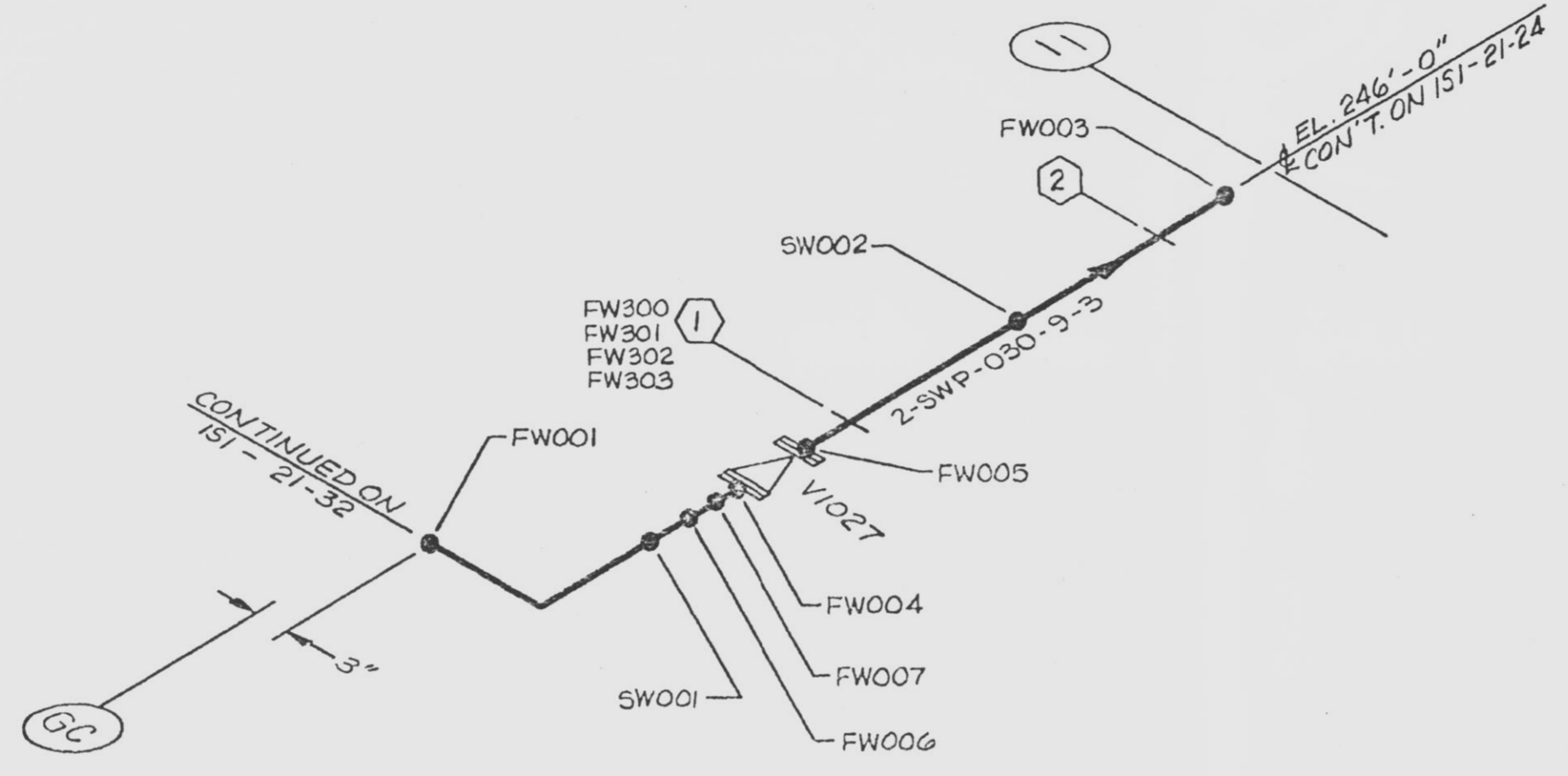
9808130044-29

D

A B C D E F G H



NO.	PIPE SUPPORT	BZ NO.
1	PSR1180A3	BZ-1080A-1
2	PSR1245A3	BZ-108SM
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN
 3. ALL WELDS PRECEDED BY 25WP-21-13
 4. ALL SUPPORTS PRECEDED BY 25WP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-13-N
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 25WP*

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

ORIGINAL

APERTURE CARD

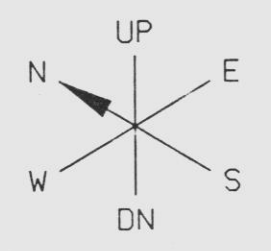
9008130044-30
 CLASS 3

	NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
	ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING
SCALE: NONE	DRAWING NO: ISI-21-13

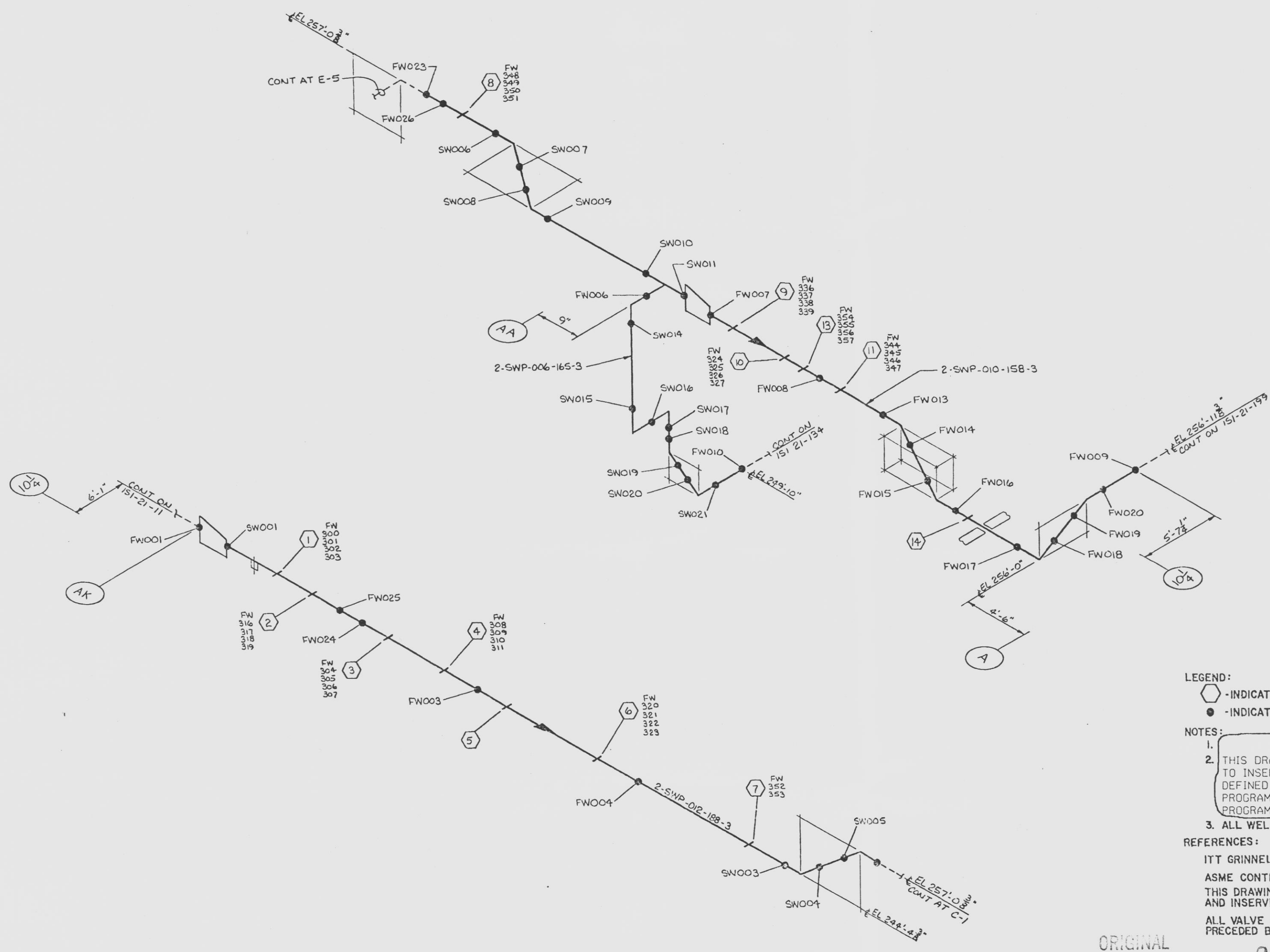
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	6-24-97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE ISSUED FOR COMPUTER DATA BASE																						

A B C D



NO.	PIPE SUPPORT	BZ NO.
1	2SWQ-PSR005B3	BZ-108T0726
2	2SWQ-PSR009B3	BZ-108T0741
3	2SWQ-PSR013B3	BZ-108T0755
4	2SWQ-PSR017B3	BZ-108T0769
5	2SWQ-PSR021A3	BZ-108JZ
6	2SWQ-PSR025B3	BZ-108T0796
7	2SWQ-PSR029A3	BZ-108KD
8	2SWQ-PSR033A3	BZ-108JY
9	2SWQ-PSR037B3	BZ-108T0831
10	2SWQ-PSR041B3	BZ-108T0841
11	2SWQ-PSR045B3	BZ-108T0849
12		
13	2SWQ-PSS11490A3	BZ-108VC
14	2SWQ-PSR1430A3	BZ-108VA
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1.
 2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 3. ALL WELDS PRECEDED BY 2SWP-21-28

REFERENCES:
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-28-Y
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

ORIGINAL

9808130044 - 31
 CLASS 3

D

APERTURE CARD

NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

SCALE NONE DRAWING NO ISI-21-28

MF	REV	DATE	DESCRIPTION OF REVISION	V.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	V.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

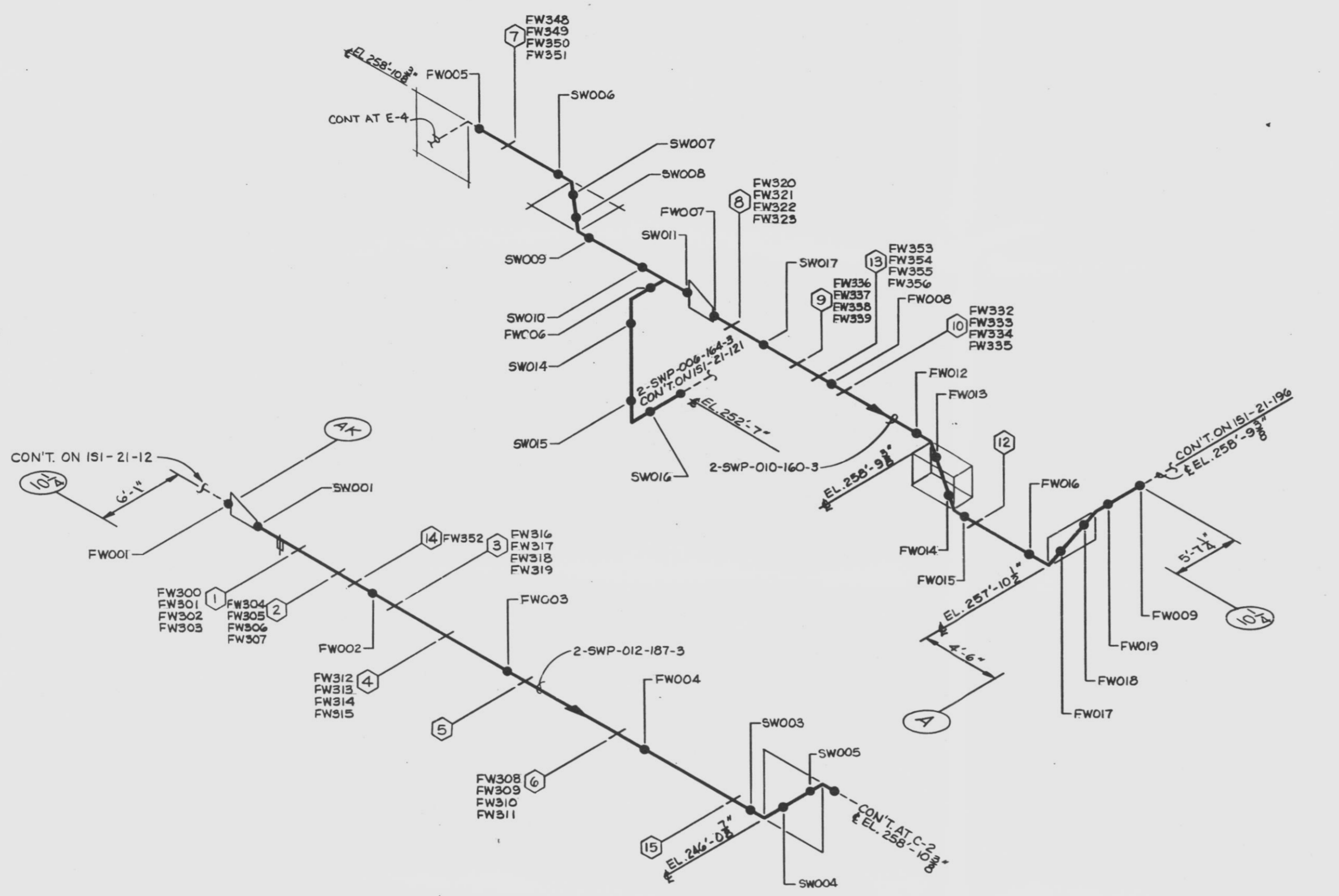
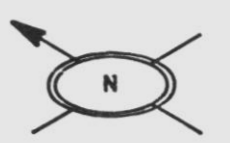
1
 12-97
 REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE ISSUED FOR COMPUTER DATA BASE

FJD MI

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62-12-ISI
 13304
 0114150



NO.	PIPE SUPPORT	BZ NO.
1	2SWQ-PSR004B3	02-1067Q-725
2	008B3	-1067Q-74C
3	012B3	-1067Q-754
4	016B3	-1067Q-768
5	020A3	-1067Q-782
6	024B3	-1067Q-795
7	032A3	-1067Q-809
8	036B3	-1067Q-823
9	040B3	-1067Q-837
10	044B3	-1067Q-851
11		
12	2SWP-PSR1429A3	-1067VA
13	PS5P1489A3	-1067VC
14	PS5P1595A3	-1067VD
15	2SWQ-PSR028A3	-1067KD
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 21-29-SWP

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-29-P
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

												NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM TUNNEL PIPING		CLASS 3 ORIGINAL ISSUE DATE 2-9-88 FILE INDEX DRAWING NUMBER ISI-21-29 SHEET NUMBER	
DES.	DR. TSA	CK. RJB	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION	DESCRIPTION OF ISSUE OR REVISION

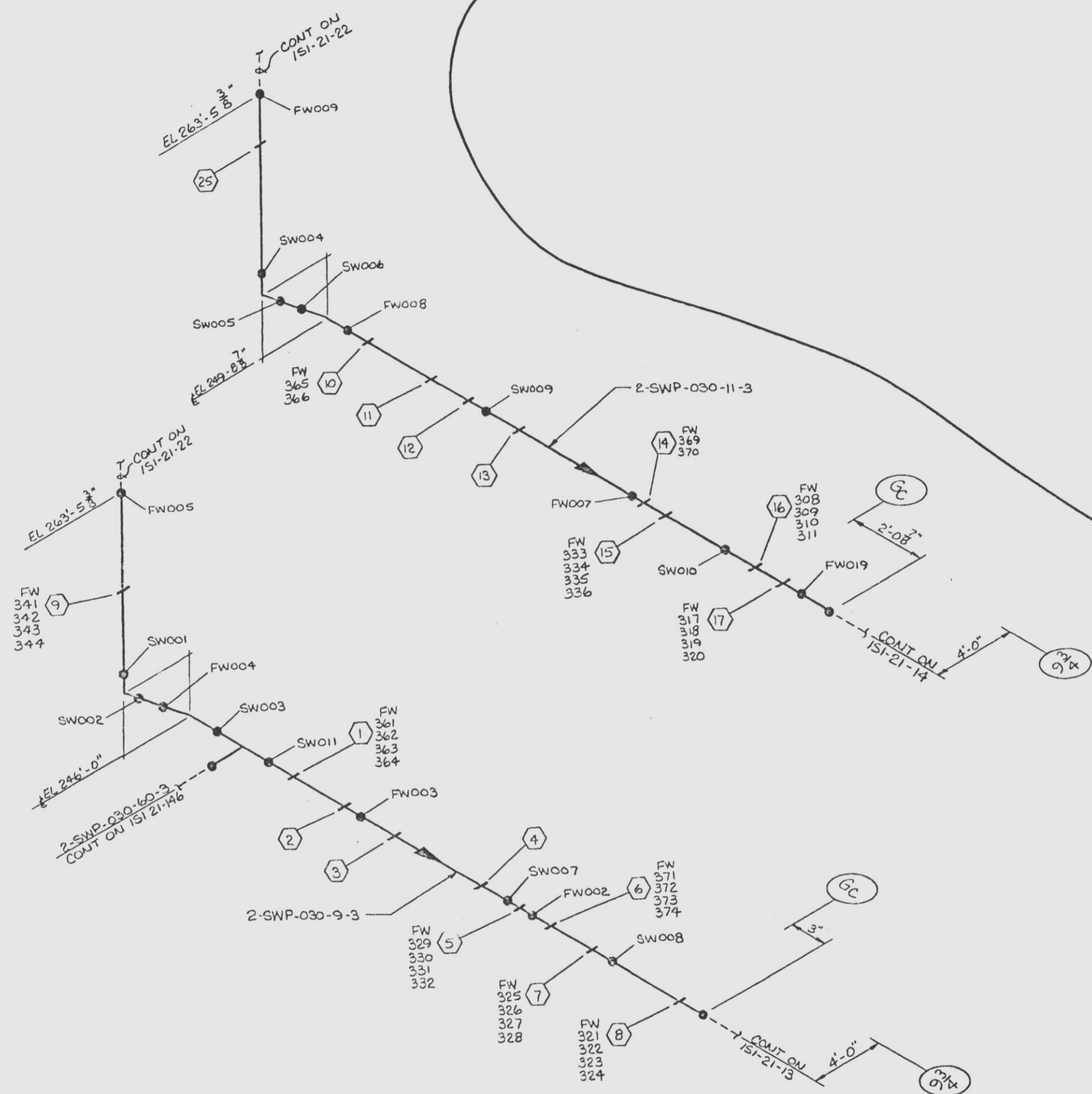
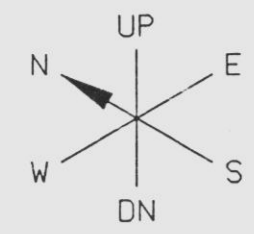
9809130044 -32

APERTURE CARD

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A B C D E F G H

A B C D



NO.	PIPE SUPPORT	BZ NO.
1	PSA1130A3	BZ-108SB
2	PSR1223A3	BZ-108RB
3	PSR1244A3	BZ-108SL
4	PSR1239A3	BZ-108SF
5	PSR1251A3	BZ-108SQ
6	PSR1258A3	BZ-108SZ
7	PSR1249A3	BZ-108SN
8	PSR1242A3	BZ-108SH
9	PSSH975A3	BZ-108JS
10	PSA1131A3	BZ-108KJ
11	PSR1243A3	BZ-108SL
12	PSR1238A3	BZ-108SF
13	PSR1250A3	BZ-108SQ
14	PSSP1260A3	BZ-108SZ
15	PSR1259A3	BZ-108SZ
16	PSR1248A3	BZ-108SN
17	PSR1241A3	BZ-108SH
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1.
 2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 3. ALL WELDS PRECEDED BY 2SWP-21-32
 4. ALL SUPPORTS PRECEDED BY 2SWP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 2SWP-21-32
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

9808130044 - 33

D

ORIGINAL

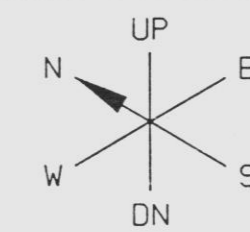
CLASS 3

APERTURE CARD

NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.
 ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING

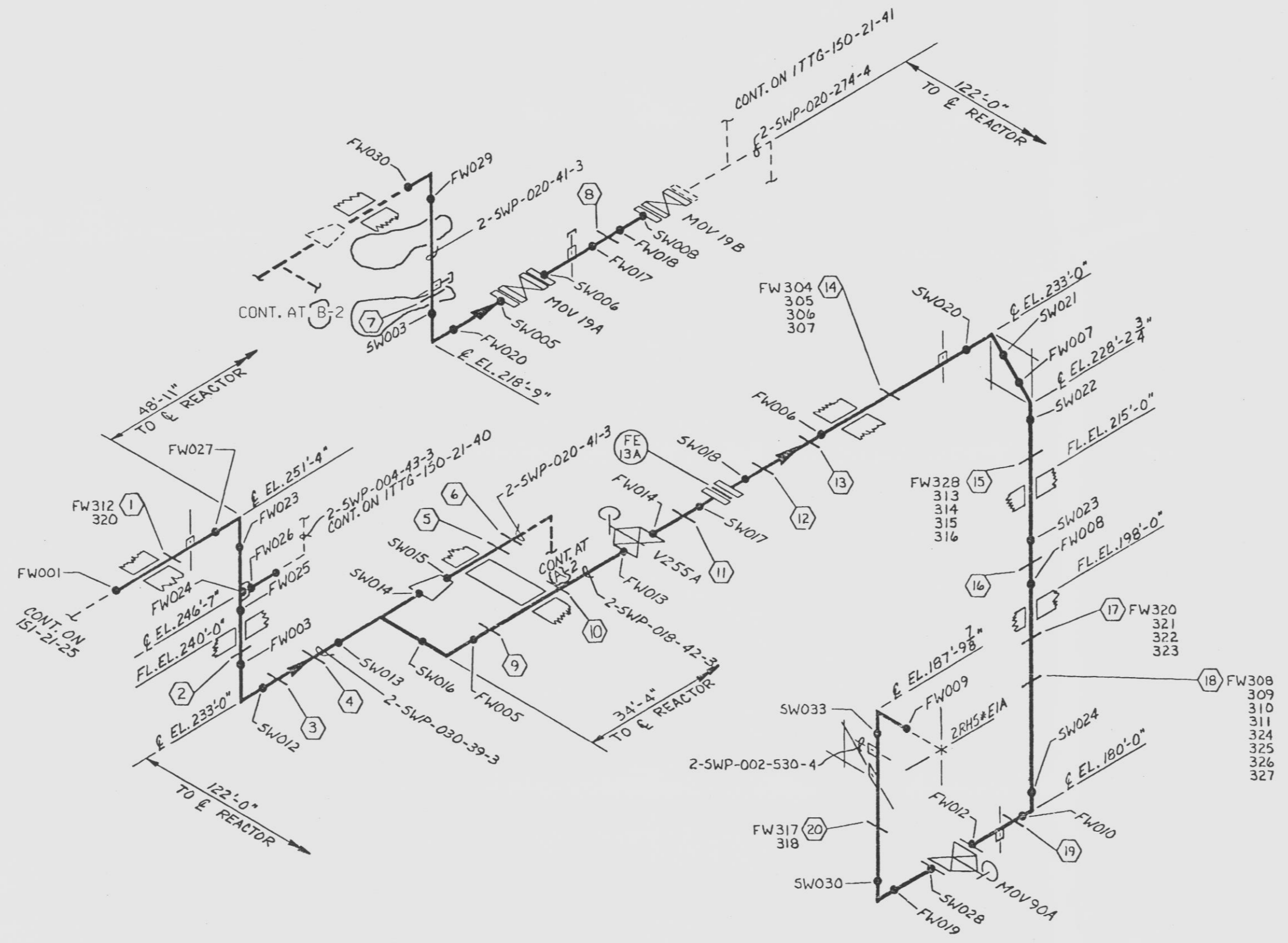
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	1	6-24-97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE ISSUED FOR COMPUTER DATA BASE																						

△ A B C D △
 C B A 0 A B C



QUAD-NW, FL EL 175'-0"
198'-0", 215'-0", AND 240'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSA872A3	BZ-19GN
2	PSR1368A3	BZ-19ABF
3	PSST877A3	BZ-19GS
4	PSST876A3	BZ-19GR
5	PSST878A3	BZ-19GT
6	PSST879A3	BZ-19GU
7	PSST880A3	BZ-19GV
8	PSR881A3	BZ-19GW
9	PSST883A3	BZ-19GY
10	PSST884A3	BZ-19GZ
11	PSST885A3	BZ-19HA
12	PSST886A3	BZ-19HB
13	PSST887A3	BZ-19HC
14	PSR888A3	BZ-19HD
15	PSR889A3	BZ-19HE
16	PSR890A3	BZ-19HF
17	PSR891A3	BZ-19HG
18	PSSH892A3	BZ-19HH
19	PSST893A3	BZ-19HJ
20	PSSH949A3	BZ-19TA
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1.
 2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 3. ALL WELDS PRECEDED BY (2SWP-21-39)
 4. ALL SUPPORTS PRECEDED BY 2-SWP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-39-AK
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP* UNLESS OTHERWISE NOTED

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

9808130044 - 34
 CLASS 3

APERTURE CARD

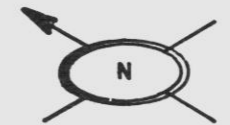
	NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
	ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING
SCALE: NONE	DRAWING NO: ISI-21-39

WF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	6/24/97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE ISSUED FOR COMPUTER DATA BASE																						

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

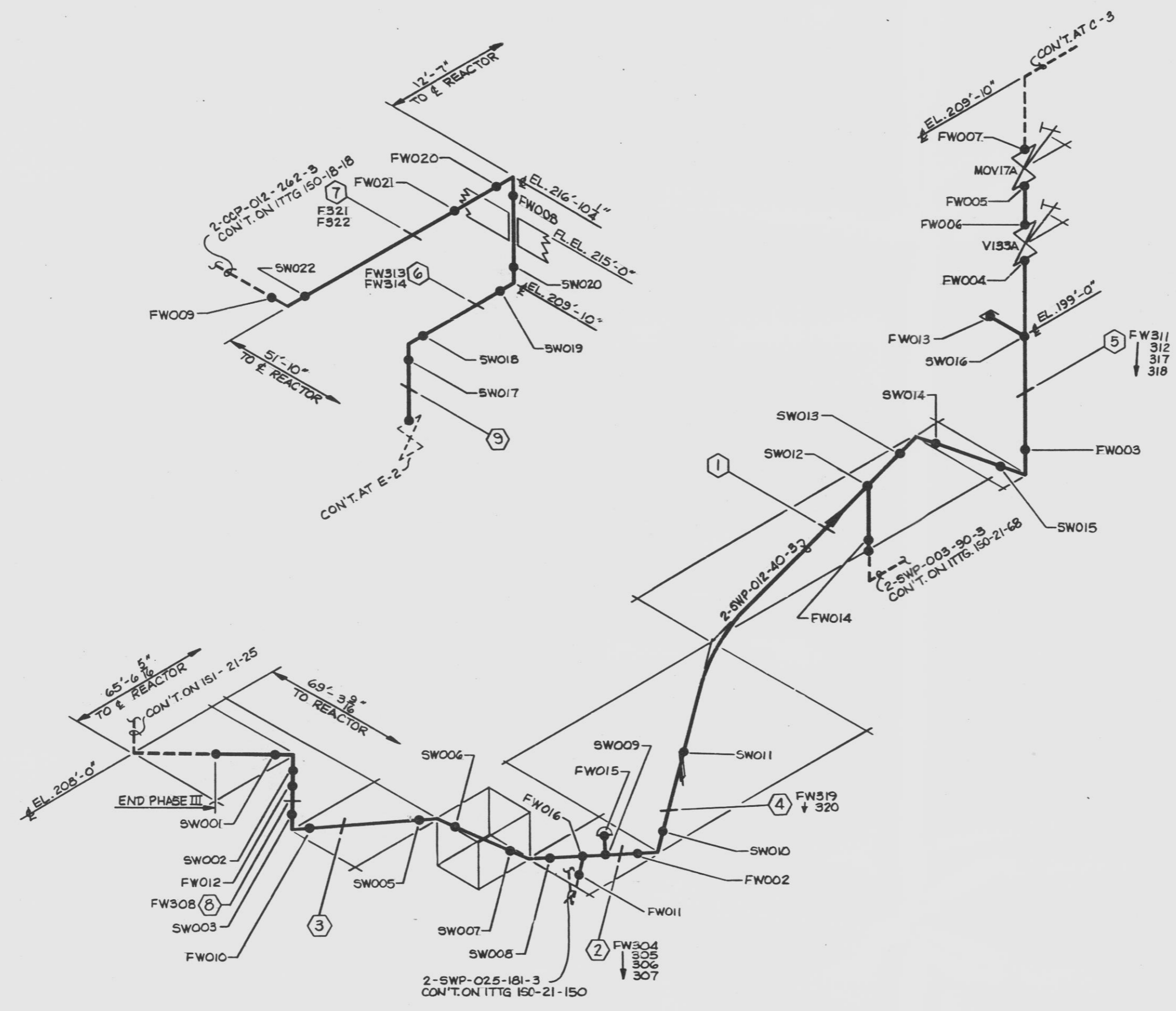
TAMERAN

DRAWING NUMBER
ISI-21-47



QUAD-NW FL.EL.198'-0" ± 215'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSR845A3	B2-19FL
2	PSR851A3	-19FR
3	PSR245A3	-19JP
4	PSR246A3	-19JQ
5	PSA314A3	-19UE
6	PSR475A3	-19PC
7	PSR474A3	-19PB
8	PSA844A3	-19GE
9	PSR476A3	-19PD
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 21-47-SWP
 4. ALL SUPPORTS PRECEDED BY 2-SWP

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY 21-47AF
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 25WP*

APERTURE CARD

CLASS 3

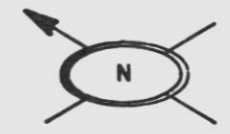
REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CHK.	APP.	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CHK.	APP.	APPROVED	ACCOUNT NUMBER	317.30-0991-190000-5014	NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM	ORIGINAL ISSUE DATE	2-9-88	FILE INDEX	DRAWING NUMBER	ISI-21-47	SHEET NUMBER

9808130044 - 35

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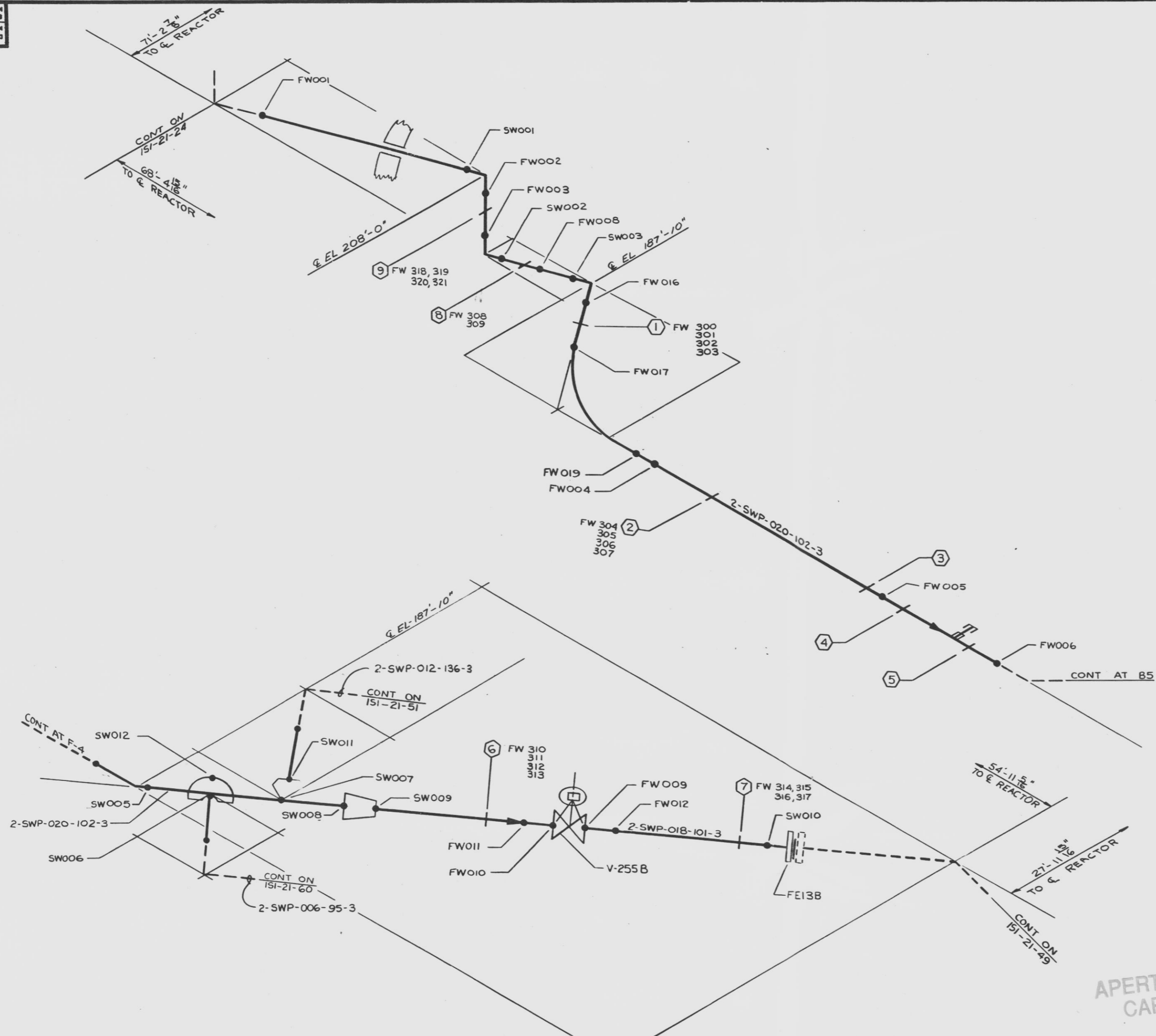
A B C D E F G H

8b-12-ISI
DRAWING NUMBER



QUAD-NW FL. EL. 175'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSR 809 A3	BZ-19 DY
2	PSR 810	DZ
3	PSST 811	EA
4	PSST 812	EB
5	PSST 813	EC
6	PSR 814	ED
7	PSR 815	EE
8	PSR 808	DX
9	PSA 1001	WK
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 21-48-SWP
 4. ALL SUPPORTS PRECEDED BY 2-SWP

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-48-X
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP *

APERTURE CARD

CLASS 3

REFERENCE DESCRIPTION DRAWING NUMBER NO. MP DATE DESCRIPTION OF ISSUE OR REVISION DR. CK. APP. NO. MP DATE DESCRIPTION OF ISSUE OR REVISION DR. CK. APP.										DES. <i>[Signature]</i> DR. KSB RJB CK. <i>[Signature]</i> APPROVED				NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM		ORIGINAL ISSUE DATE 2-9-88 FILE INDEX DRAWING NUMBER ISI-21-48 SHEET NUMBER	
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9808130044 - 36

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A B C D E F G H

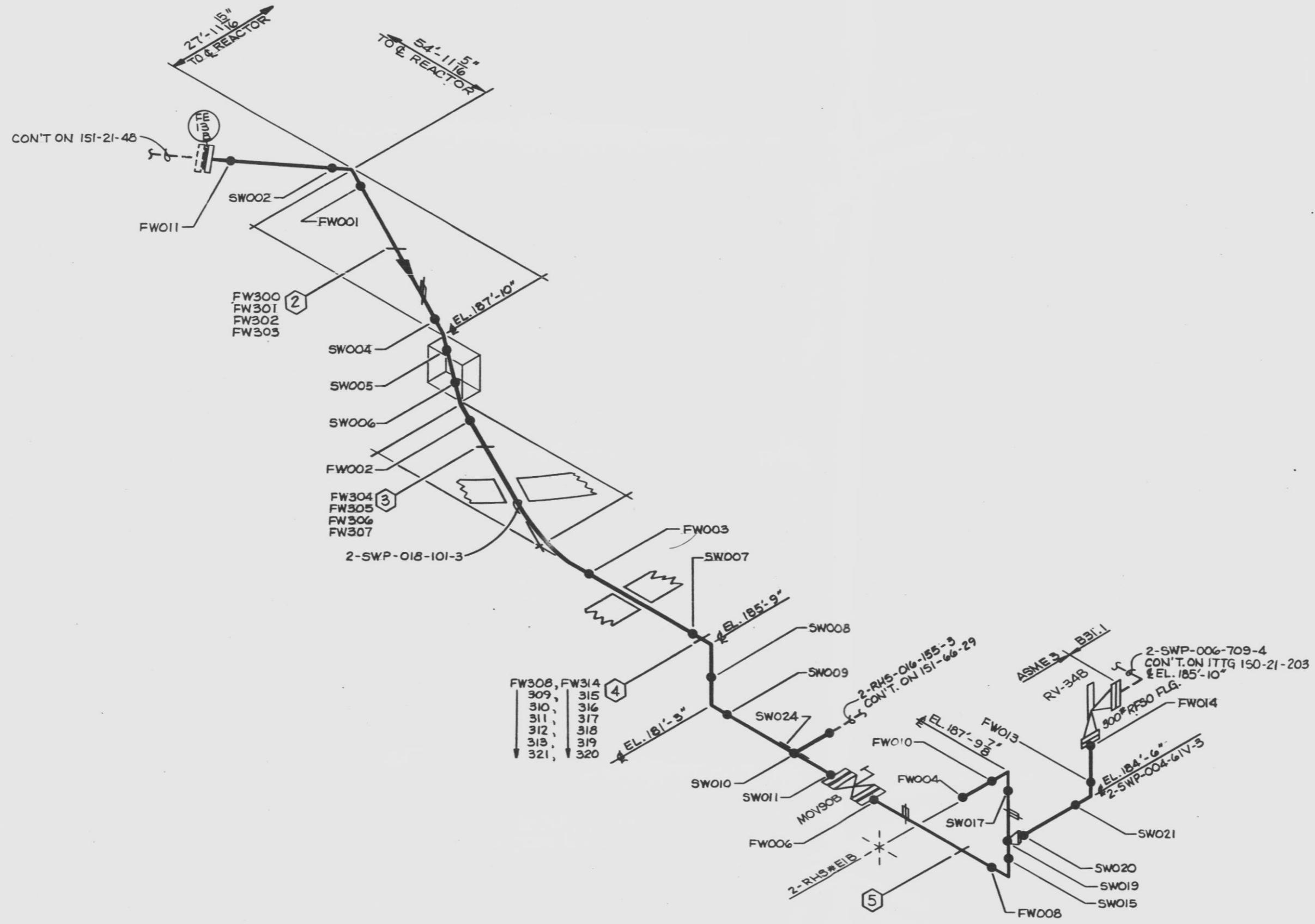
A | B | C | D | E | F | G | H

67-12-1SI
DRAWING NUMBER



QUAD-SW FL. EL. 175'-0"

NO.	PIPE SUPPORT	BZ NO.
1		
2	PSRB16A3	BZ-19EF
3	PSRB17A3	-19EG
4	PSA818A3	-19EH
5	PSSH874A3	-19GP
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:
- SCALE: NONE
 - THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 - ALL WELDS PRECEDED BY 21-49-SWP
 - ALL SUPPORTS PRECEDED BY 2-SWP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-49-X
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP* UNLESS OTHERWISE NOTED

APERTURE CARD

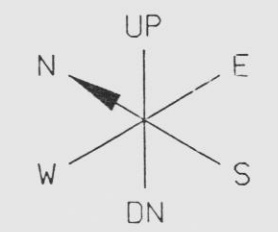
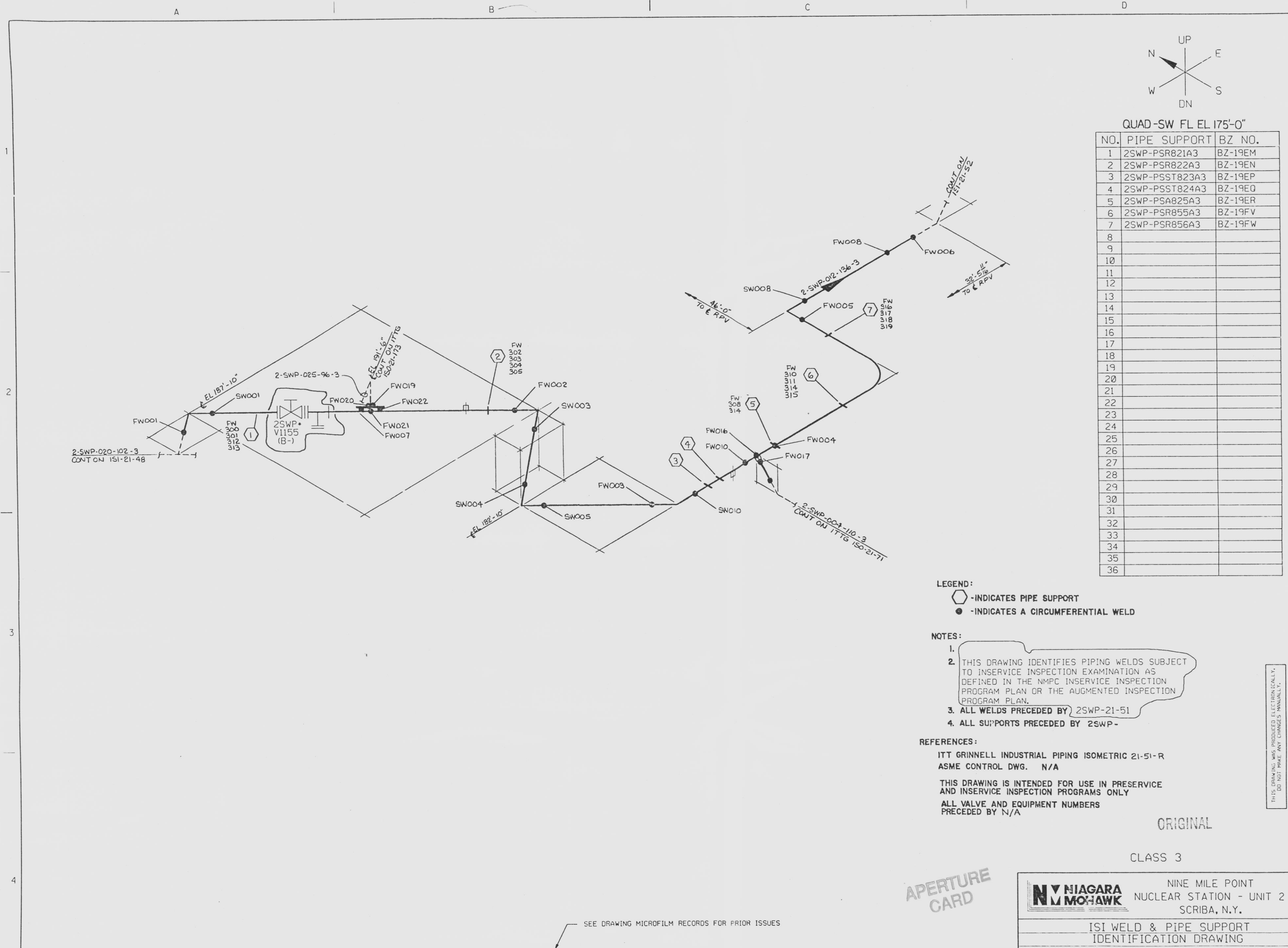
CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	MP	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CL.	APP.	NO.	MP	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CL.	APP.	APPROVED	ACCOUNT NUMBER	317.30-0991-190000-5014	NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM	ORIGINAL ISSUE DATE	2-9-88	FILE INDEX	DRAWING NUMBER	ISI-21-49	SHEET NUMBER

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QUAD-SW FL EL 175'-0"

NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSR821A3	BZ-19EM
2	2SWP-PSR822A3	BZ-19EN
3	2SWP-PSST823A3	BZ-19EP
4	2SWP-PSST824A3	BZ-19EQ
5	2SWP-PSA825A3	BZ-19ER
6	2SWP-PSR855A3	BZ-19FV
7	2SWP-PSR856A3	BZ-19FW
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1.
 2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 3. ALL WELDS PRECEDED BY 2SWP-21-51
 4. ALL SUPPORTS PRECEDED BY 2SWP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-51-R
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

THIS DRAWING WAS PROVIDED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

ORIGINAL

CLASS 3

APERTURE CARD

NIAGARA MOHAWK
 NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.

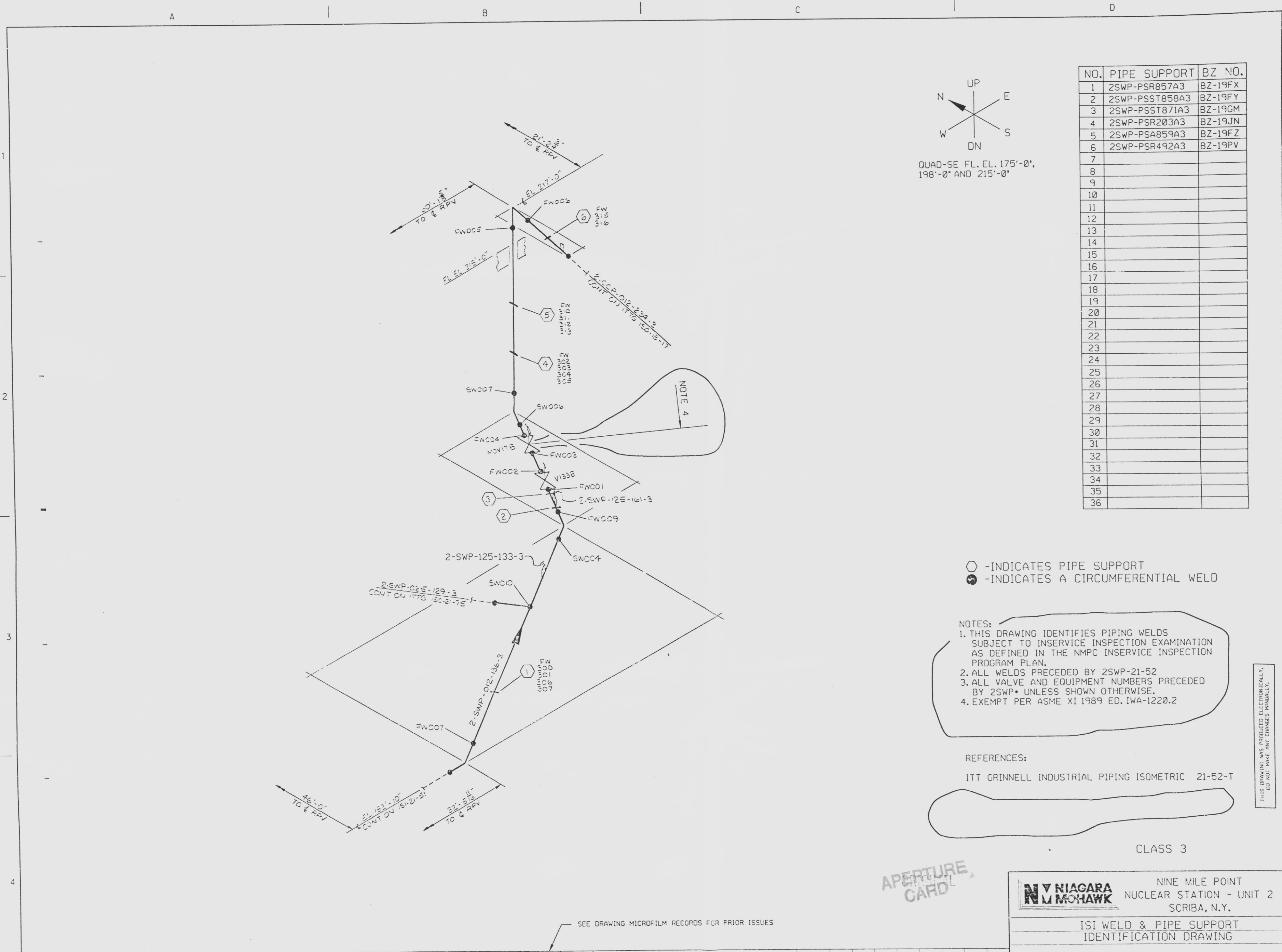
ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-21-51

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

WF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	WF	REV	DATE	DESCRIPTION OF REVISION	V.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	6-14-97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, INC EDC 2M10696B ISSUED FOR COMPUTER DATA BASE																						

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UP
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QUAD-SE FL. EL. 175'-0",
 198'-0" AND 215'-0"

NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSR857A3	BZ-19FX
2	2SWP-PSST858A3	BZ-19FY
3	2SWP-PSST871A3	BZ-19GM
4	2SWP-PSR203A3	BZ-19JN
5	2SWP-PSA859A3	BZ-19FZ
6	2SWP-PSR492A3	BZ-19PV
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○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2SWP-21-52
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP UNLESS SHOWN OTHERWISE.
 4. EXEMPT PER ASME XI 1989 ED. IWA-1220.2

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-52-T

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

CLASS 3

APERTURE CARD

NY NIAGARA
MOHAWK

NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.

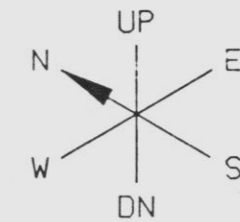
ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-21-52

MP	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MP	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	
														1	4-1A-17	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE										

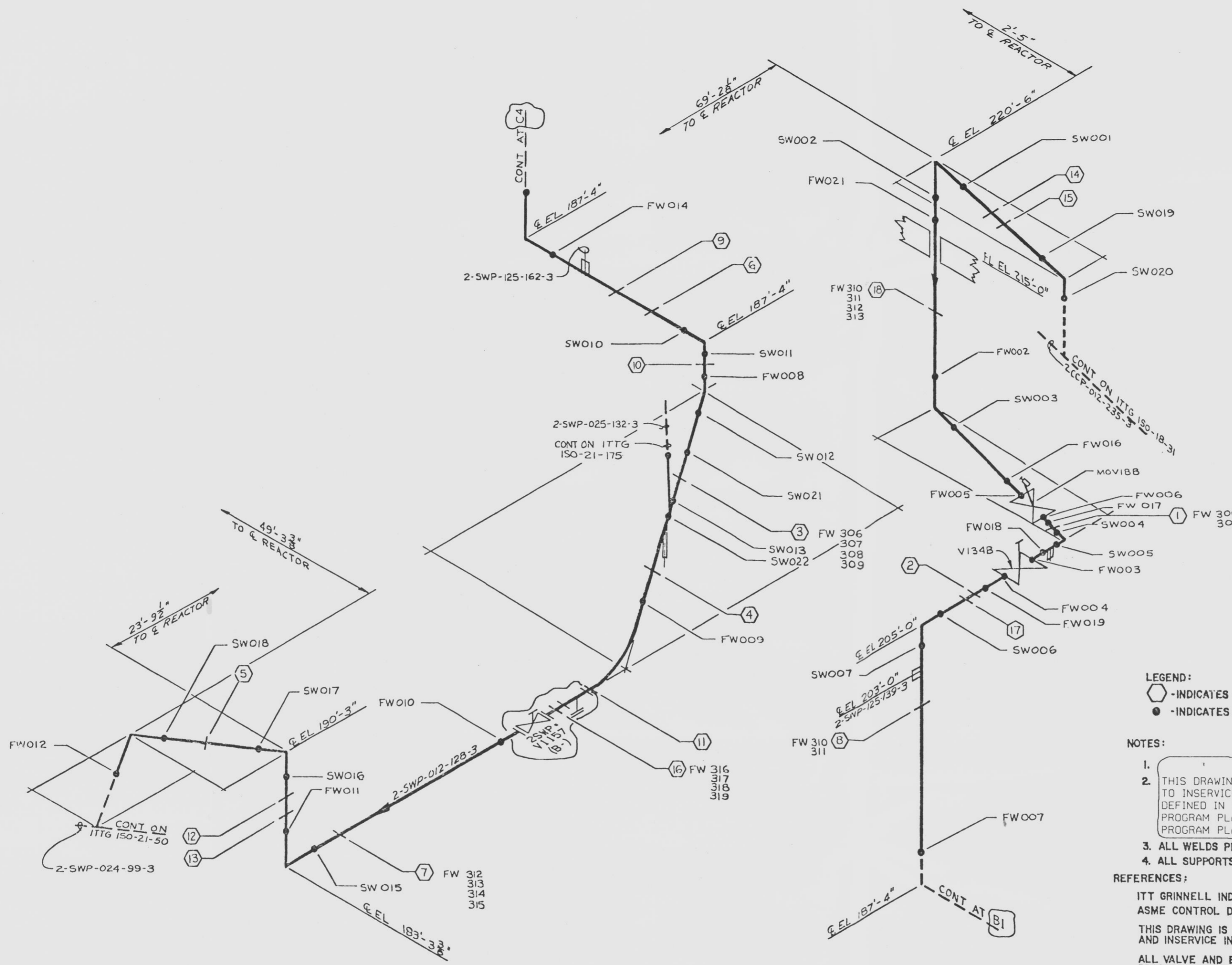
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

TOWERAN
 9808130044-39
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QUAD-SE FL EL 175'-0", 1'

NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSR833A3	BZ-19EY
2	2SWP-PSST834A3	BZ-19EZ
3	2SWP-PSR839A3	BZ-19FE
4	2SWP-PSST840A3	BZ-19FF
5	2SWP-PSST852A3	BZ-19FS
6	2SWP-PSST837A3	BZ-19FC
7	2SWP-PSR865A3	BZ-19GF
8	2SWP-PSR835A3	BZ-19FA
9	2SWP-PSR836A3	BZ-19FB
10	2SWP-PSST838A3	BZ-19FD
11	2SWP-PSR841A3	BZ-19FG
12	2SWP-PSST407A3	BZ-19ME
13	2SWP-PSST408A3	BZ-19ME
14	2SWP-PSR404A3	BZ-19MD
15	2SWP-PSSH451A3	BZ-19NM
16	2SWP-PSA842A3	BZ-19FH
17	2SWP-PSST901A3	BZ-19EZ
18	2SWP-PSA832A3	BZ-19EX
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1.
 2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 3. ALL WELDS PRECEDED BY 2SWP-21-53
 4. ALL SUPPORTS PRECEDED BY 2 SWP

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-53-X
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2 SWP *

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

ORIGINAL

CLASS 3

NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-21-53

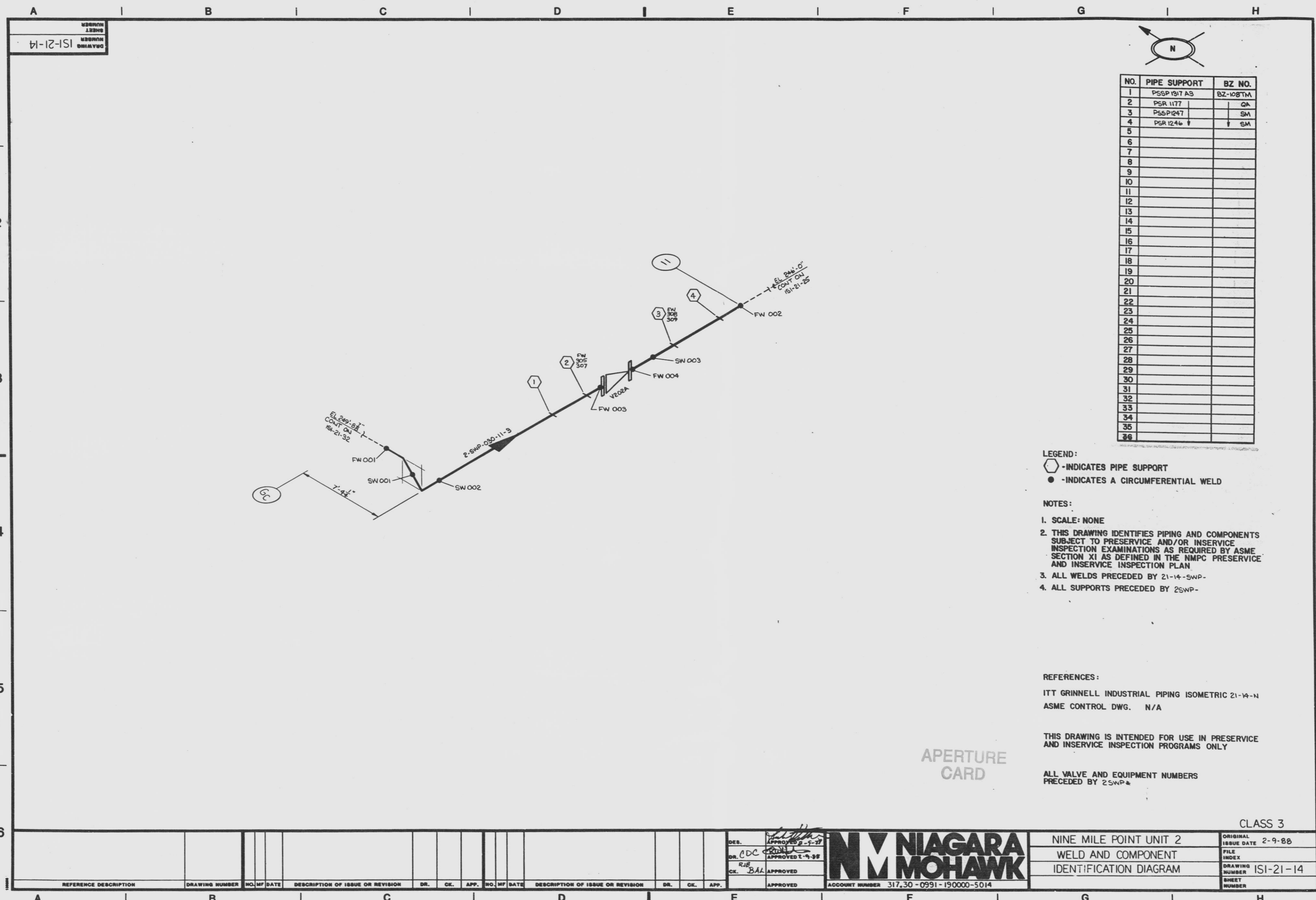
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	6-24-97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE. I-C EDC 2M10696B ISSUED FOR COMPUTER DATA BASE																						

9808130044-40

D

TAMERAN



NO.	PIPE SUPPORT	BZ NO.
1	PSR 1177 AS	BZ-108TM
2	PSR 1177	GA
3	PSR 1246	SM
4	PSR 1246	SM
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPIC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 21-14-SWP-
 4. ALL SUPPORTS PRECEDED BY 2SWP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-14-N
 ASME CONTROL DWG. N/A

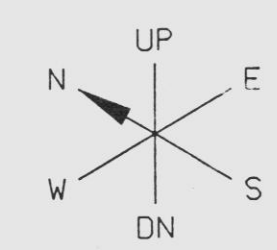
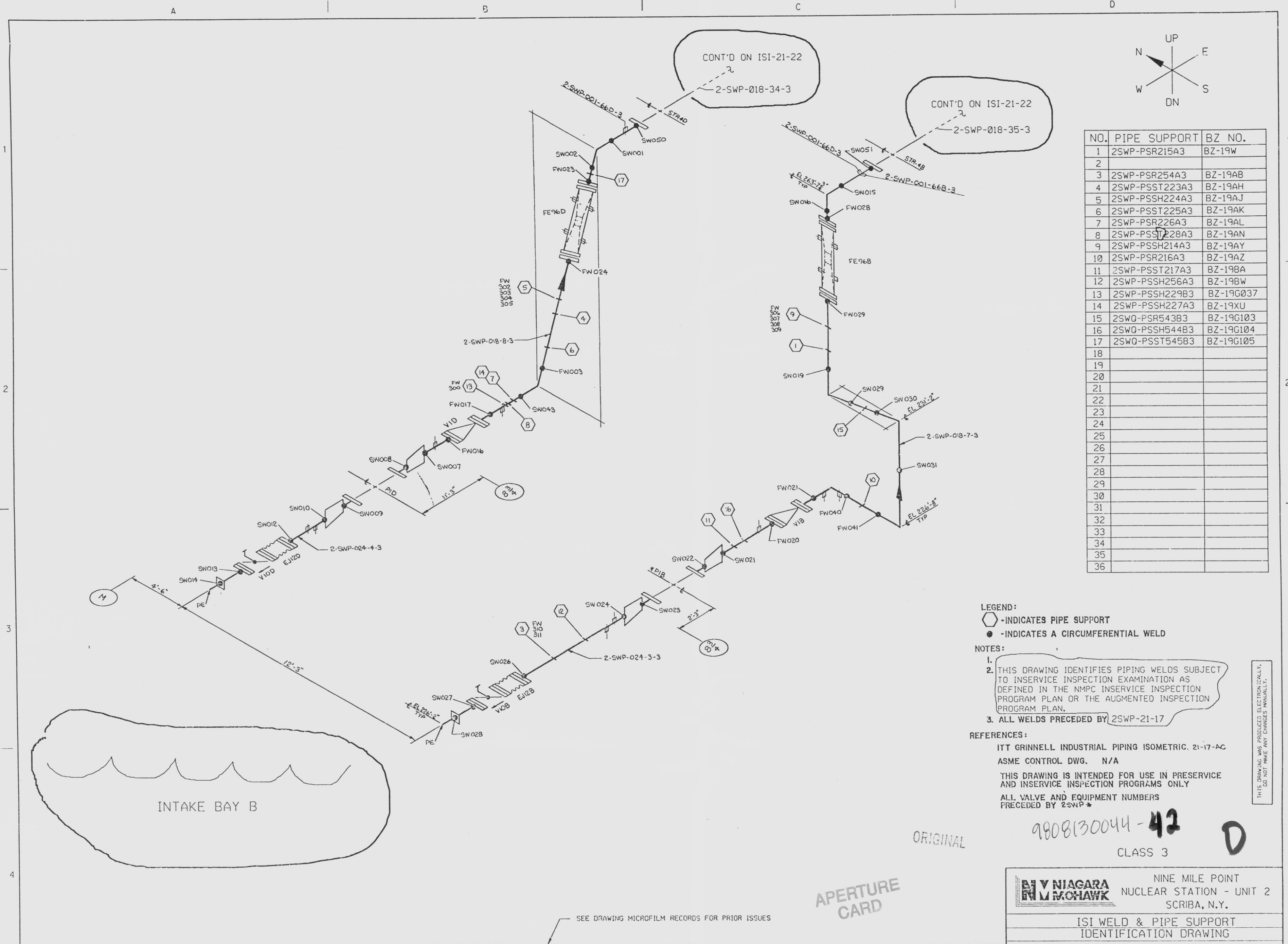
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP*

APERTURE CARD

REFERENCE DESCRIPTION										DRAWING NUMBER										NO. MF DATE										DESCRIPTION OF ISSUE OR REVISION										DR. CK. APP. NO. MF DATE										DESCRIPTION OF ISSUE OR REVISION										DR. CK. APP.										APPROVED										ACCOUNT NUMBER 317.30-0991-190000-5014										CLASS 3										NINE MILE POINT UNIT 2										ORIGINAL ISSUE DATE 2-9-88										FILE INDEX										DRAWING NUMBER ISI-21-14										SHEET NUMBER									
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50-410
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 7/31/98
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NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSR215A3	BZ-19W
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3	2SWP-PSR254A3	BZ-19AB
4	2SWP-PSST223A3	BZ-19AH
5	2SWP-PSSH224A3	BZ-19AJ
6	2SWP-PSST225A3	BZ-19AK
7	2SWP-PSR226A3	BZ-19AL
8	2SWP-PSST228A3	BZ-19AN
9	2SWP-PSSH214A3	BZ-19AY
10	2SWP-PSR216A3	BZ-19AZ
11	2SWP-PSST217A3	BZ-19BA
12	2SWP-PSSH256A3	BZ-19BW
13	2SWP-PSSH229B3	BZ-19G037
14	2SWP-PSSH227A3	BZ-19XU
15	2SWP-PSR543B3	BZ-19G103
16	2SWP-PSSH544B3	BZ-19G104
17	2SWP-PSST545B3	BZ-19G105
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2SWP-21-17

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC. 21-17-AC
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP *

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

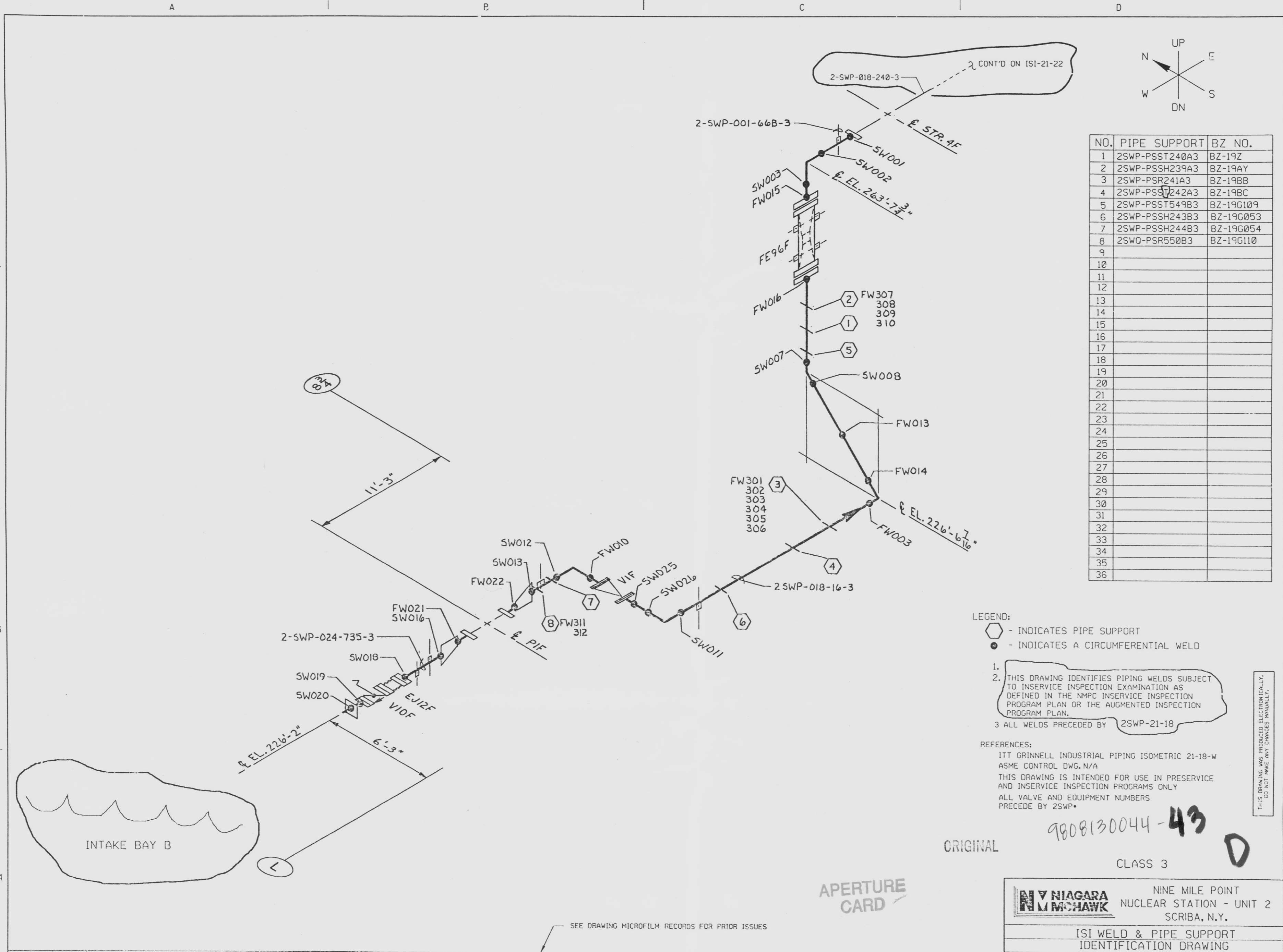
ORIGINAL 9808130044-42 CLASS 3 D

APERTURE CARD

	NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
	ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING
SCALE NONE	DRAWING NO ISI-21-17

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	10-24-91	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE INCORPORATED EDC. NO. 2510620A ISSUED FOR COMPUTER DATA BASE																						

△ A △ I △ A △ 0 △ A △ B △ C
 C B A 0 A B C
 TAMERAN



NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSS240A3	BZ-19Z
2	2SWP-PSSH239A3	BZ-19AY
3	2SWP-PSR241A3	BZ-19BB
4	2SWP-PSS242A3	BZ-19BC
5	2SWP-PSS243A3	BZ-19C
6	2SWP-PSSH243B3	BZ-19G053
7	2SWP-PSSH244B3	BZ-19G054
8	2SWP-PSR550B3	BZ-19G110
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

1.
 2. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 3 ALL WELDS PRECEDED BY 2SWP-21-18

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-18-W
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDE BY 2SWP.

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

9808130044-43
 CLASS 3
 ORIGINAL

NIAGARA
MCHAWK

NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-21-18

VF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	6-24-97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, INC. EDC. NO. 2510589A ISSUED FOR COMPUTER DATA BASE																						

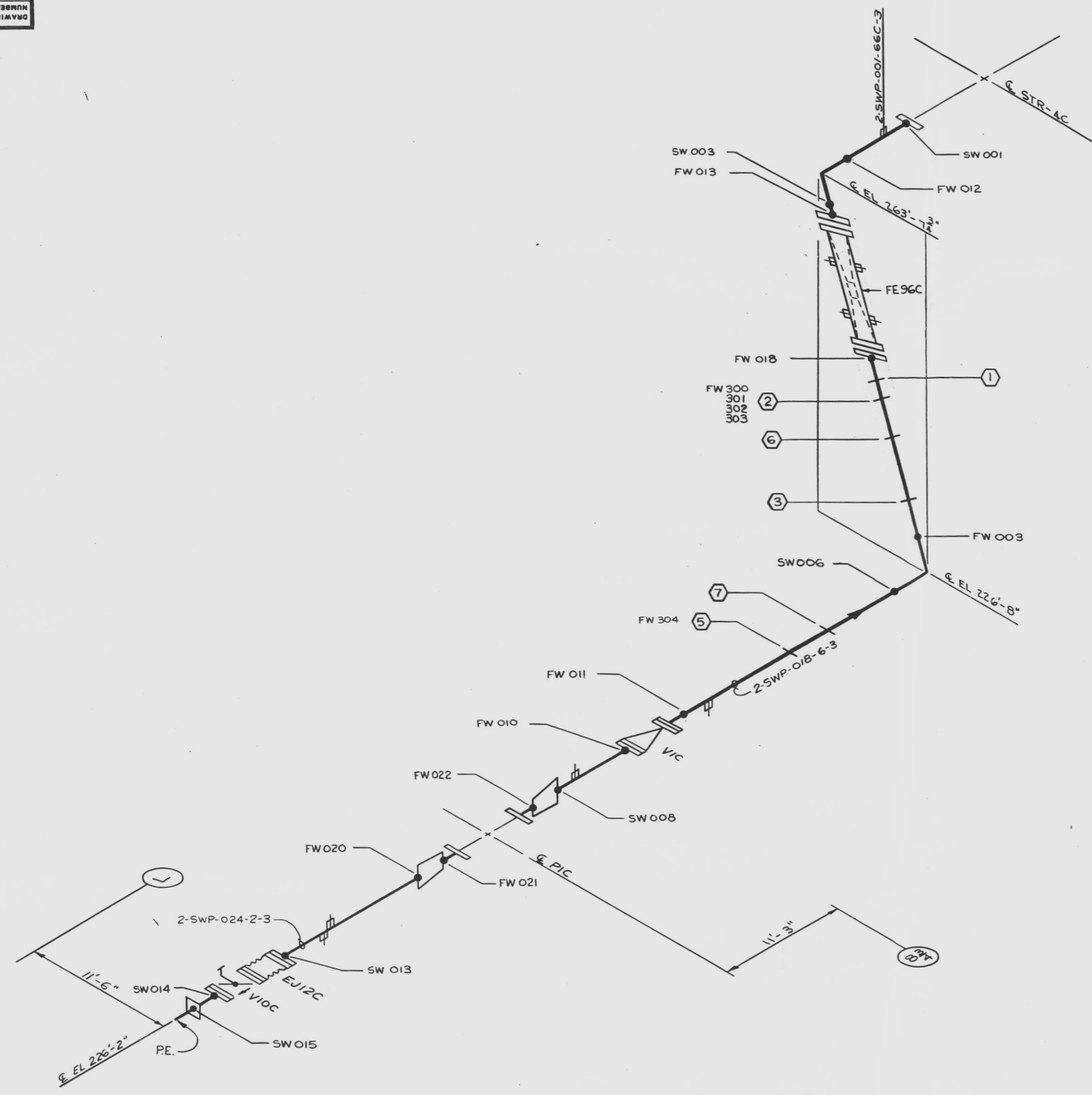
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

A | B | C | D | E | F | G | H

61-12-151
DRAWING NUMBER



NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSR 218A3	BZ-19AC
2	2SWP-P55H219A3	BZ-19AD
3	2SWP-P55T220A3	BZ-19AE
4		
5	2SWP-P55H222B3	BZ-19G035
6	2SWQ-P55P538B3	BZ-19G098
7	2SWQ-P55P539B3	BZ-19G099
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 21-19-SWP

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-19-S
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 25WP*

APERTURE CARD

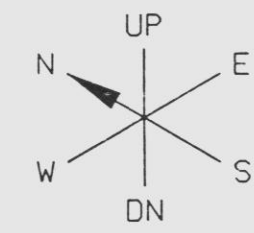
CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO. MP DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO. MP DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	APPROVED	ACCOUNT NUMBER	NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM	ORIGINAL ISSUE DATE	FILE INDEX	DRAWING NUMBER	SHEET NUMBER
													31730-099H90000-5014		2-9-88		61-21-19	

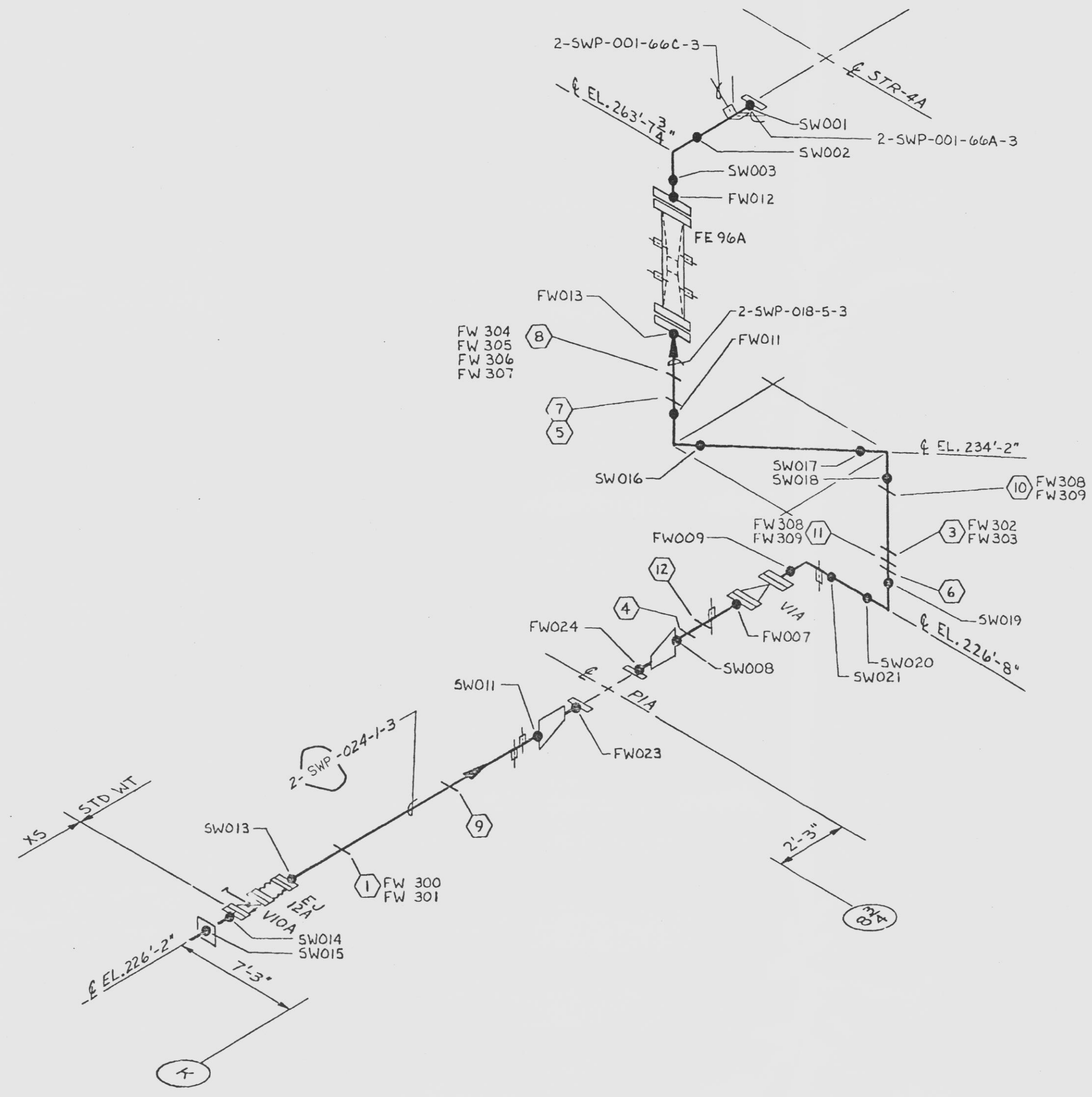
A | B | C | D | E | F | G | H

9808130044-44

D



NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSR253A3	BZ-19AA
2		
3	2SWP-PSSH208A3	BZ-19BY
4	2SWP-PSST207A3	BZ-19BZ
5	2SWP-PSST1636A3	BZ-19CC
6	2SWP-PSST211A3	BZ-19CB
7	2SWP-PSST212A3	BZ-19CC
8	2SWP-PSSH257A3	BZ-19CD
9	2SWP-PSSH255A3	BZ-19BV
10	2SWQ-PSST540B3	BZ-19G100
11	2SWP-PSST541B3	BZ-19G101
12	2SWP-PSSH542B3	BZ-19G102
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LEGEND:
 - INDICATES PIPE SUPPORT
 - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2SWP-21-20

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-20-Z
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP*

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

9808130044-45

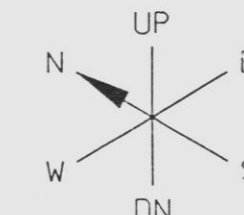
CLASS 3

ORIGINAL
 APERTURE CARD

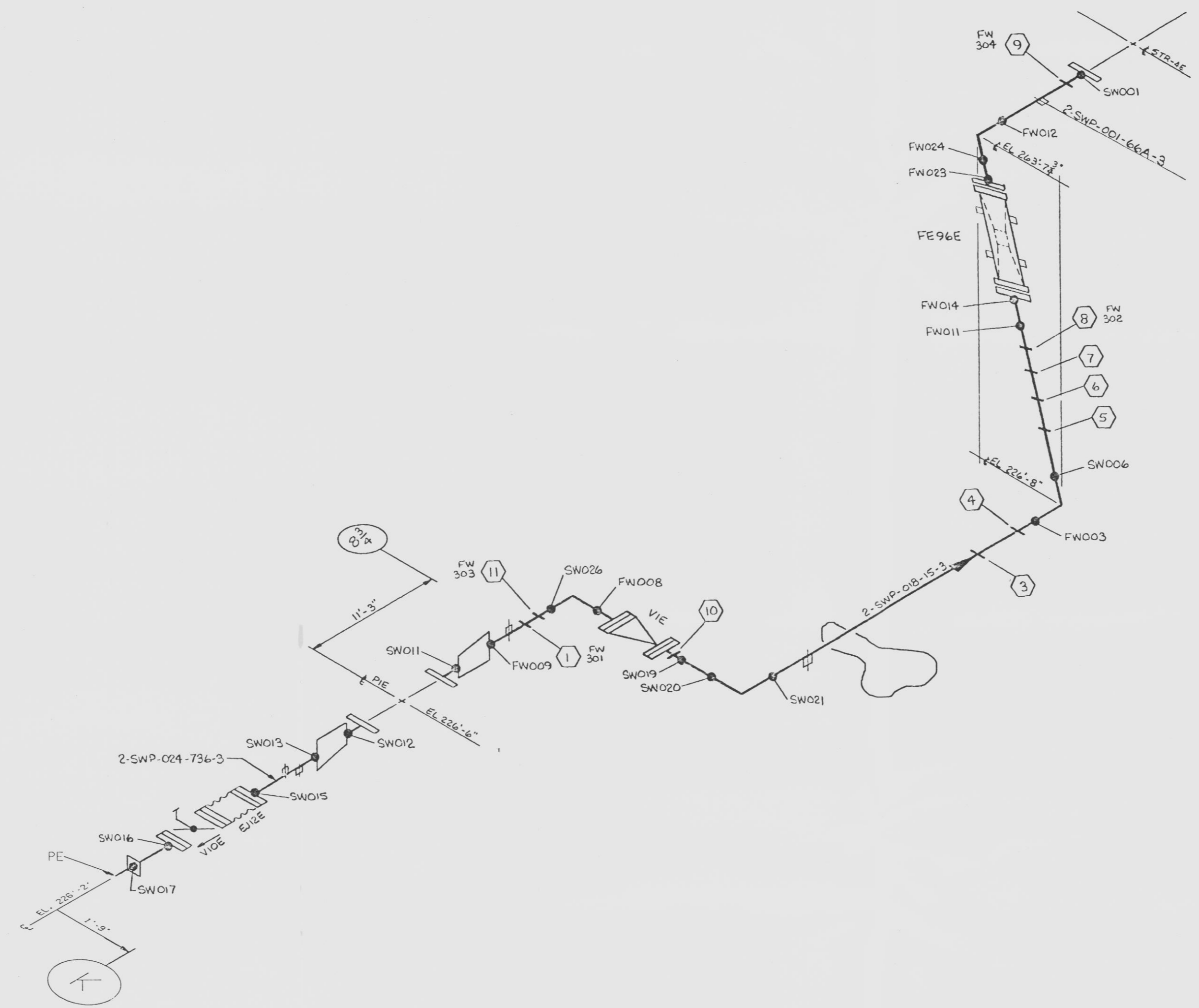
	NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
	ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING
SCALE: NONE	DRAWING NO: ISI-21-20

NO.	REV.	DATE	DESCRIPTION OF REVISION	V.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	6-24-97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, REF EDC. NO. 2510113A ISSUED FOR COMPUTER DATA BASE																						

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES



NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSSH237B3	BZ-19G039
2		
3	2SWP-PSSP235A3	BZ-19AV
4	2SWP-PSR234A3	BZ-19AU
5	2SWP-PSST234A3	BZ-19AT
6	2SWP-PSSP233A3	BZ-19AS
7	2SWP-PSSP232A3	BZ-19AR
8	2SWP-PSSP231A3	BZ-19AQ
9	2SWP-PSSH546B3	BZ-19G106
10	2SWP-PSSP547B3	BZ-19G107
11	2SWP-PSSP548B3	BZ-19G108
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY (2SWP-21-21)

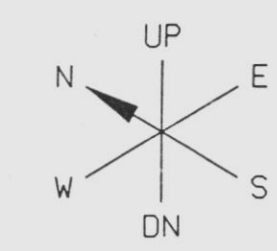
REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-21-A4
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP*
 2008130044-46
 CLASS 3

ORIGINAL
 APERTURE
 CARD

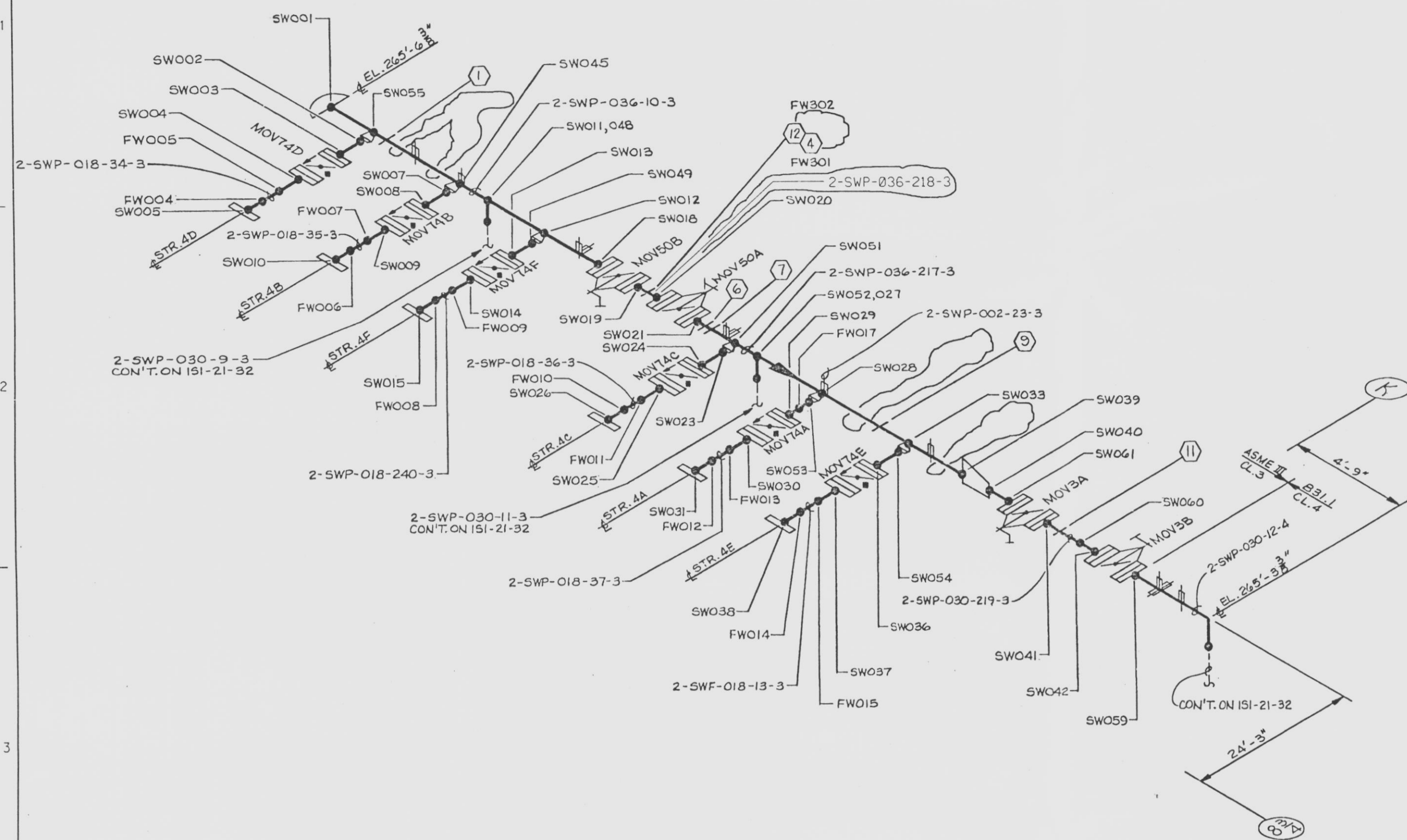
NIAGARA MOHAWK
 NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.
 ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING
 SCALE: NONE
 DRAWING NO: ISI-21-21

MP	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MP	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	6/21/97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE INC EDC 2510673A, REF. EDC 2510153A ISSUED FOR COMPUTER DATA BASE																						

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES



NO.	PIPE SUPPORT	BZ NO.
1	PSSH258A3	BZ-19CE
2		
3		
4	PSS01038A3	BZ-19CJ
5		
6	PSS01263A3	BZ-19CK
7	PSSH265A3	BZ-19CM
8		
9	PSSH1052A3	BZ-19XN
10		
11	PSSH267A3	BZ-19CP
12	PSS01036A3	BZ-19XG
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 21-22-SWP-
 4. ALL SUPPORTS PRECEDED BY 25WP-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-22-V
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 25WP*
 9608130044-47
 CLASS 3

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

ORIGINAL
 APERTURE CARD

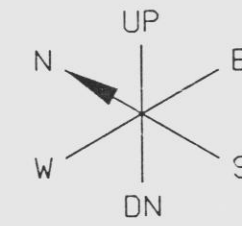
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	6-24-97	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE INC EDC NO. 2510600 AND 2510601 ISSUED FOR COMPUTER DATA BASE																						

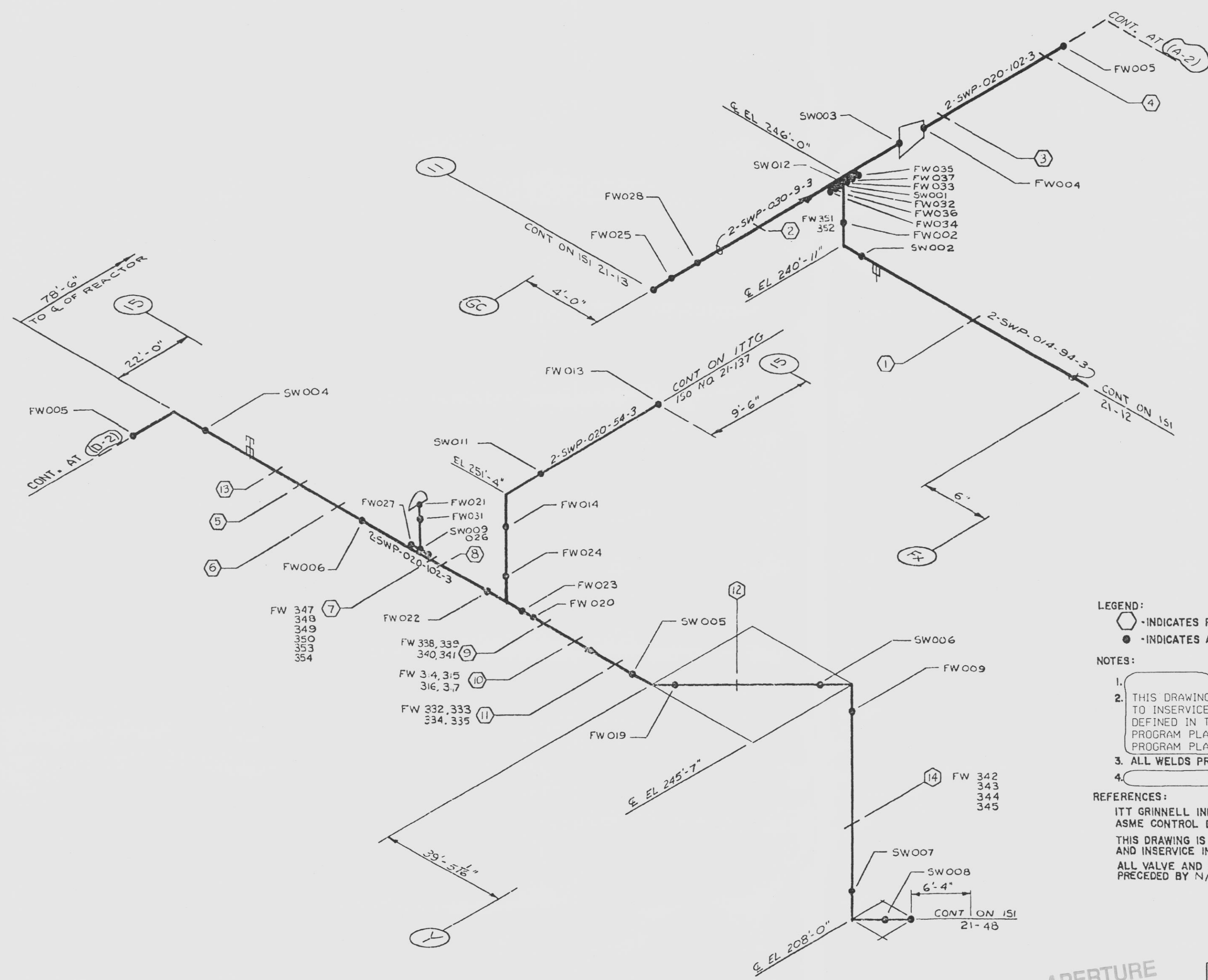
NY NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-21-22



NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSR122A3	BZ-108MF
2	2SWP-PSR123A3	BZ-108PT
3	2SWP-PSR120A3	BZ-108PU
4	2SWP-PSR1167A3	BZ-108PL
5	2SWP-PSR098A3	BZ-108PQ
6	2SWP-PSR107A3	BZ-108NP
7	2SWP-PSA100A3	BZ-108TA
8	2SWP-PSR189A3	BZ-108PP
9	2SWP-PSR102B3	BZ-108TP-774
10	2SWP-PSR105B3	BZ-108TP-829
11	2SWP-PSR106B3	BZ-108TP-830
12	2SWP-PSR1168A3	BZ-108PV
13	2SWP-PSR1224A3	BZ-108RC
14	2SWP-PSR806B3	BZ-108TR-151
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2SWP-21-24
 3. ALL WELDS PRECEDED BY 2SWP-21-24
 4.

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-24-AC
 ASME CONTROL DWG. N/A
 THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

980613 0044-49 ORIGINAL
 CLASS 3

APERTURE CARD

NIAGARA MOHAWK
 NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.

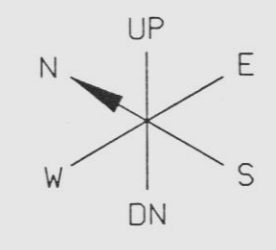
ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-21-24

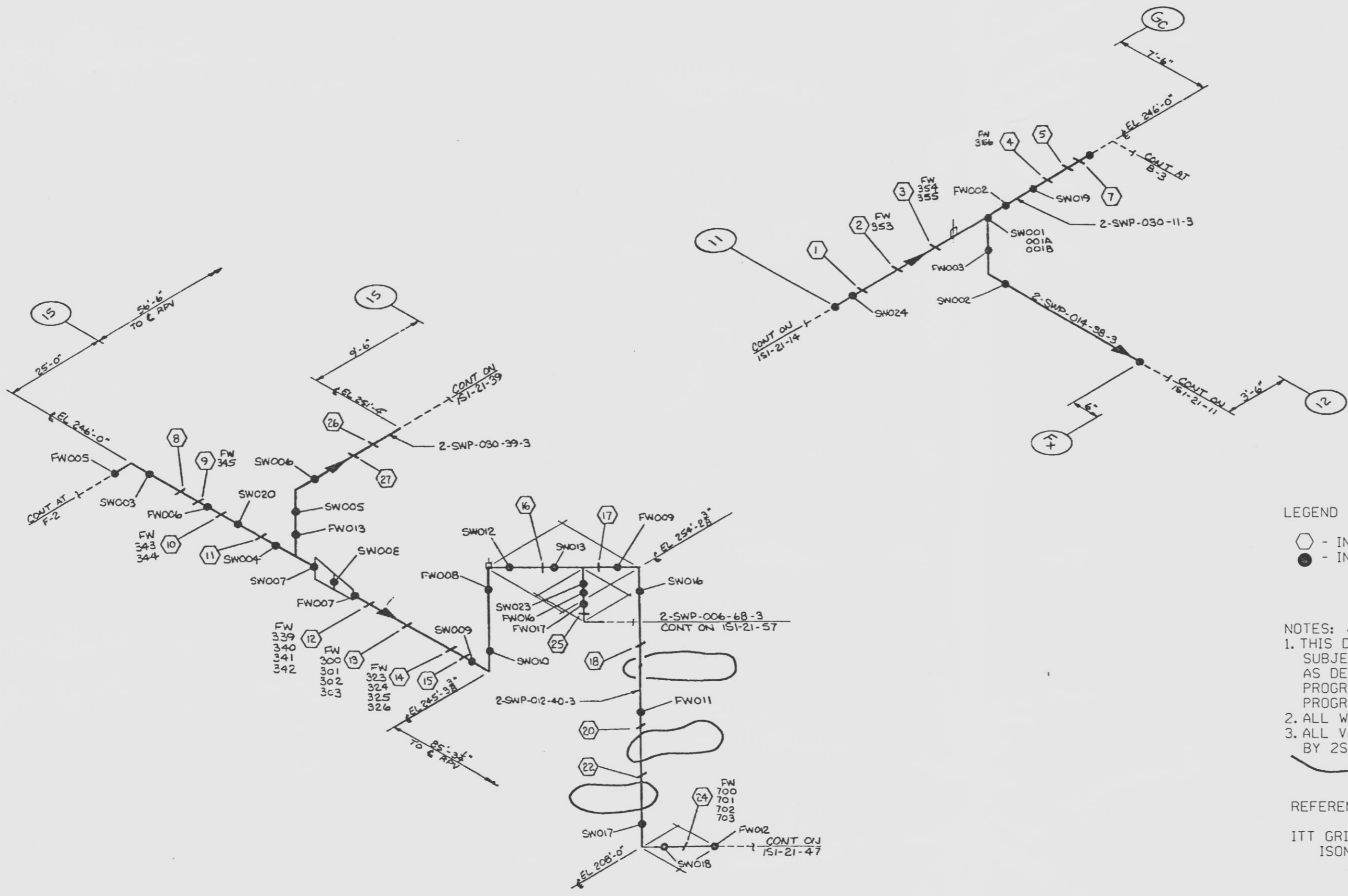
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	V.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
														1	24/91	REVISE PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE	FJD		MI						

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NO.	PIPE SUPPORT	BZ NO.
1	2SWP-PSSP1316A3	BZ-108TL
2	2SWP-PSRI24A3	BZ-108PT
3	2SWP-PSSP1171A3	BZ-108PT
4	2SWP-PSRI19A3	BZ-108PU
5	2SWP-PSSP1252A3	BZ-108SR
6		
7	2SWP-PSRI25A3	BZ-108PL
8	2SWP-PSSP1257A3	BZ-108SY
9	2SWP-PSR099A3	BZ-108PO
10	2SWP-PSSP1169A3	BZ-108PO
11	2SWP-PSRI01A3	BZ-108TB
12	2SWP-PSR793B3	BZ-108TP775
13	2SWP-PSRI04B3	BZ-108TP826
14	2SWP-PSRI07B3	BZ-108TP831
15	2SWQ-PSST524B3	BZ-108TR136
16	2SWP-PSRI176A3	BZ-108NL
17	2SWP-PSSP1254A3	BZ-108SV
18	2SWQ-PSST525B3	BZ-108TR137
19		
20	2SWQ-PSST526B3	BZ-108TR138
21		
22	2SWQ-PSST527B3	BZ-108TR139
23		
24	2SWQ-PSR528B3	BZ-108TR140
25	2SWQ-PSST530B3	BZ-108TR142
26	2SWP-PSST1367A3	BZ-108TU
27	2SWP-PSST1369A3	BZ-108TU
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2SWP-21-25
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SWP* UNLESS SHOWN OTHERWISE.

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 21-25-X

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

ORIGINAL
 9809130044-50
 CLASS 2 **D**

APERTURE CARD

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	
														1	24/97	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE										

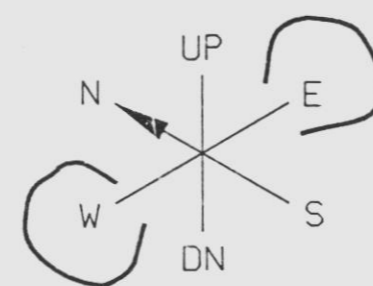
NIAGARA MCHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING TUNNEL PIPING

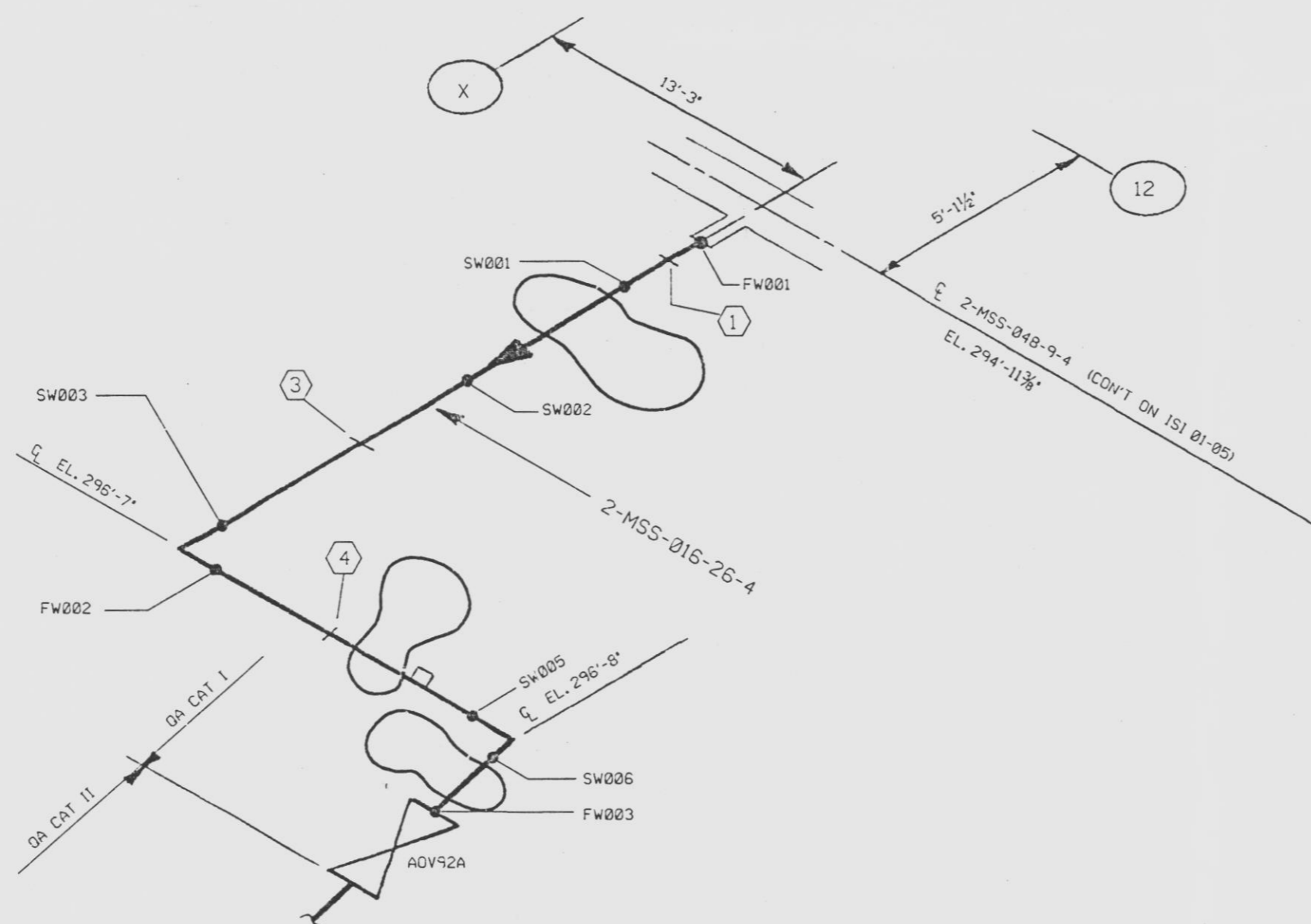
SCALE: NONE DRAWING NO: ISI-21-25

△ C B A 0 A B C

TAMERAN



NO.	PIPE SUPPORT	BZ NO.
1	2MSS-PSSP073A4	BZ-2AS
2		
3	2MSS-PSSH216A4	BZ-2CC
4	2MSS-PSSH508A4	BZ-2GD
5		
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
2. ALL WELDS PRECEDED BY 2MSS-01-03
3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS UNLESS SHOWN OTHERWISE.

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-3-P

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

ASME XI CLASS 2
(FOR INSERVICE INSPECTION ONLY)

ORIGINAL

APERTURE CARD

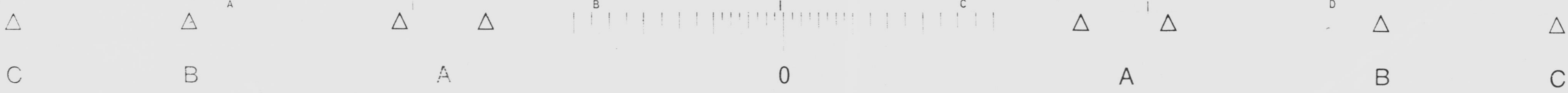
NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
ISI WELD & COMPONENT IDENTIFICATION DIAGRAM

D
50-410
9808130044-51
7/31/98

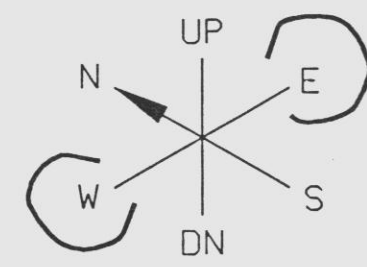
REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	
4	6-24-97	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, ENGINEERING ENHANCEMENT REFERENCE EDC 2512585 & 2512586											3	11-2-92	REVISED PER ISI PLAN UPDATE REDRAWN ON CADD									

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

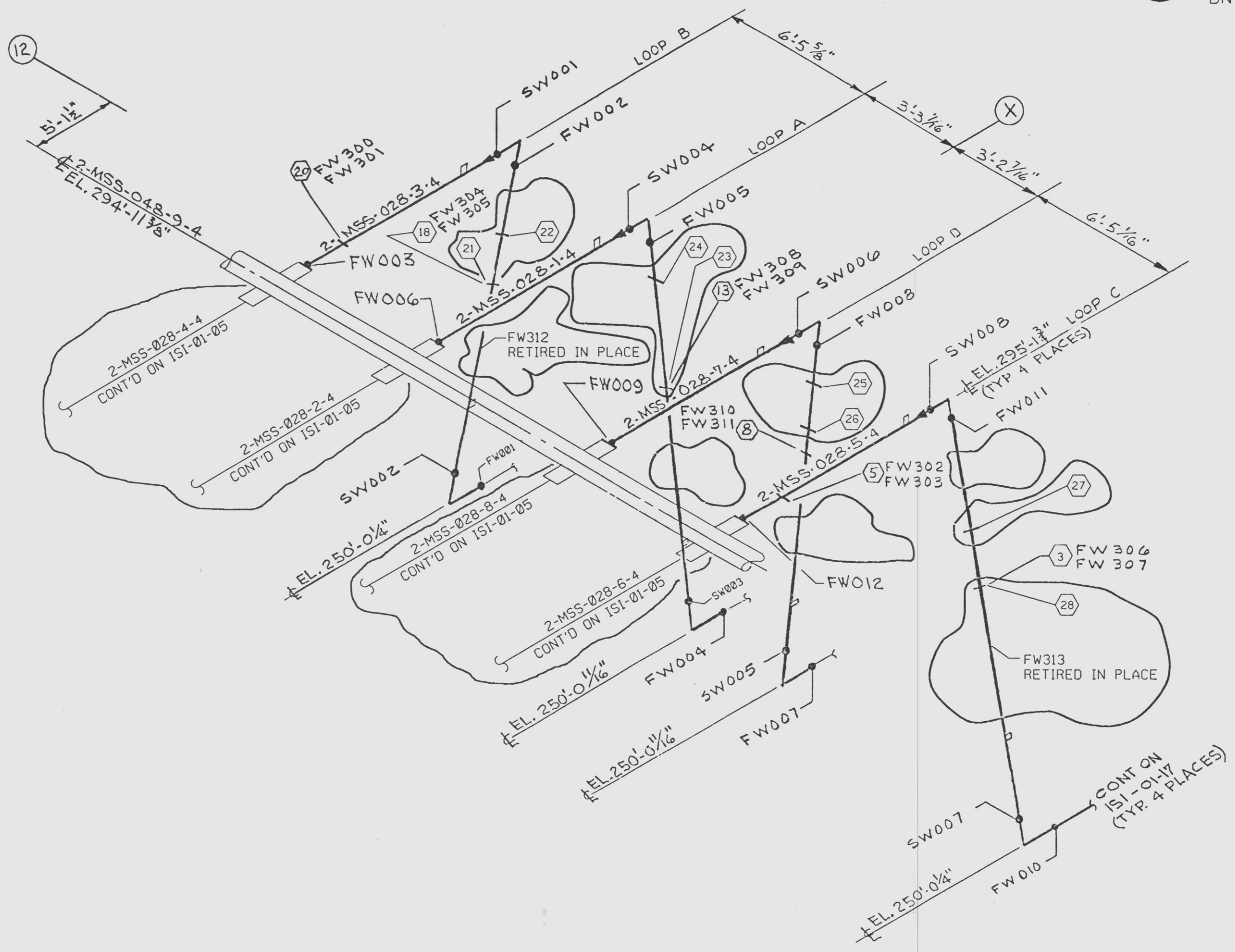
SCALE: NONE DRAWING NO: ISI-01-03



A B C D



NO.	PIPE SUPPORT	BZ NO.
1		
2		
3	2MSS-PSSH219A4	BZ-2CE
4		
5	2MSS-PSSH075A4	BZ-2BS
6		
7		
8	2MSS-PSSH220A4	BZ-2CE
9		
10		
11		
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13	2MSS-PSSH221A4	BZ-2CE
14		
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16		
17		
18	2MSS-PSSH218A4	BZ-2CE
19		
20	2MSS-PSSH074A4	BZ-2AT
21	2MSS-PSST570A4	BZ-2JM
22	2MSS-PSST571A4	BZ-2JM
23	2MSS-PSST572A4	BZ-2JN
24	2MSS-PSST573A4	BZ-2JN
25	2MSS-PSST574A4	BZ-2JP
26	2MSS-PSST575A4	BZ-2JP
27	2MSS-PSST576A4	BZ-2JO
28	2MSS-PSST577A4	BZ-2JO
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2MSS-01-04
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS, UNLESS SHOWN OTHERWISE.

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING
 ISOMETRIC 01-4-L
 ASME CONTROL DWG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ASME XI CLASS 2
 (FOR INSERVICE INSPECTION ONLY)

NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
 ISI WELD & COMPONENT IDENTIFICATION DIAGRAM
 MSS LOOP A,B,C,D

SCALE NONE DRAWING NO ISI-01-04

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	2	6-24-97	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, ENGINEERING ENHANCEMENT REFERENCE EDC 2S10554A, 10555A, 10556B, & 10559A																						

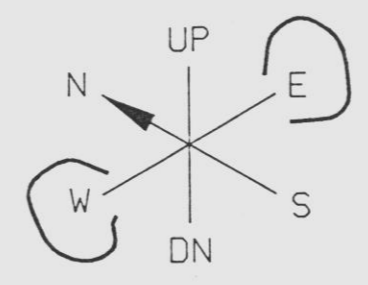
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

APERTURE CARD ORIGINAL

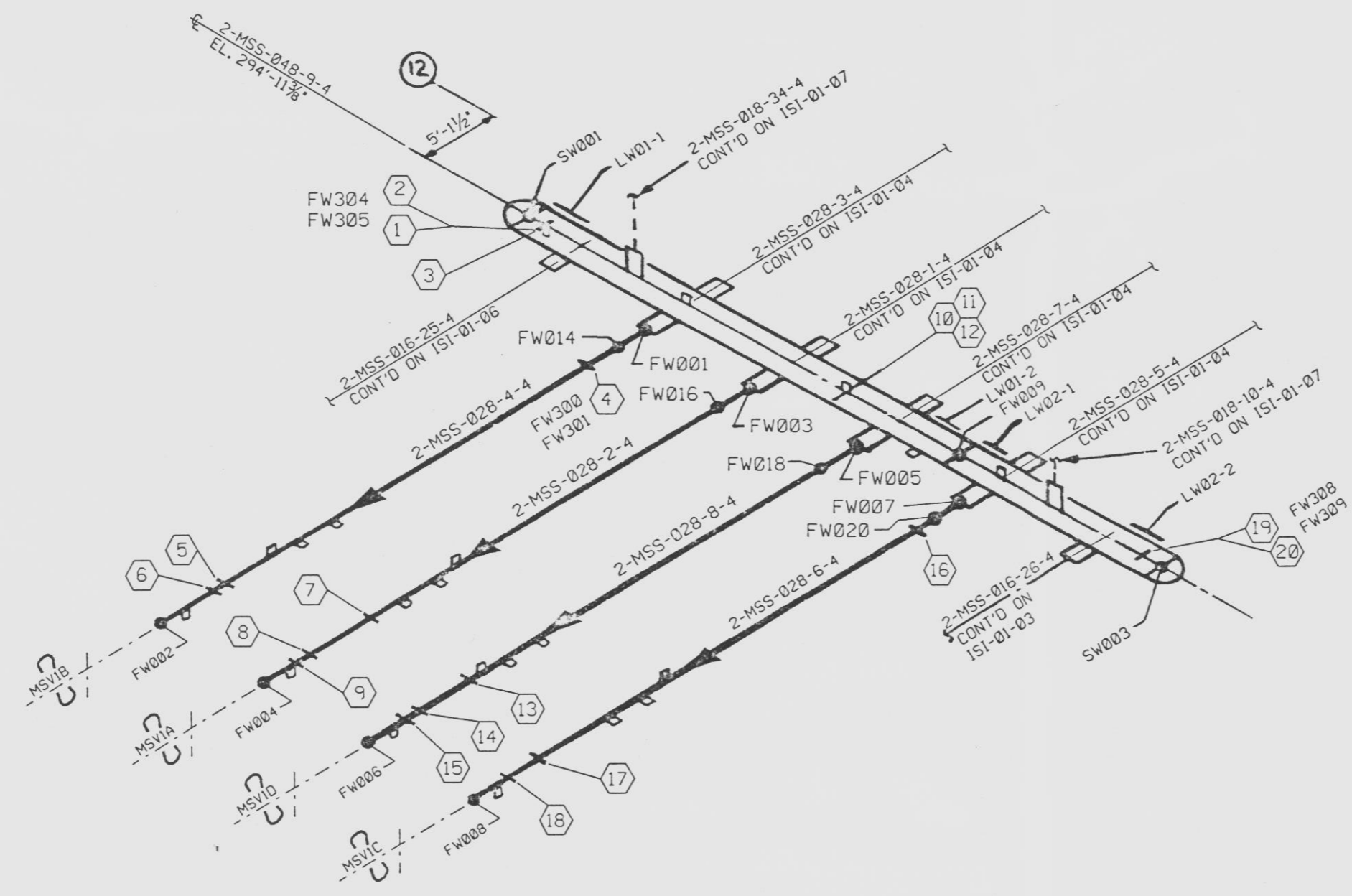


9808130044-52
 D

A B C D



NO.	PIPE SUPPORT	BZ NO.
1	2MSS-PSSP378A4	BZ-2AR
2	2MSS-PSSP071A4	BZ-2AR
3	2MSS-PSR070A4	BZ-2AR
4	2MSS-PSSH005A4	BZ-2AJ
5	2MSS-PSSP052A4	BZ-2CS
6	2MSS-PSSP051A4	BZ-2CS
7	2MSS-PSSH003A4	BZ-2K
8	2MSS-PSSP054A4	BZ-2CQ
9	2MSS-PSSP053A4	BZ-2CQ
10	2MSS-PSSP069A4	BZ-2AQ
11	2MSS-PSSP068A4	BZ-2AQ
12	2MSS-PSR067A4	BZ-2AQ
13	2MSS-PSSH004A4	BZ-2L
14	2MSS-PSSP056A4	BZ-2AH
15	2MSS-PSSP055A4	BZ-2AH
16	2MSS-PSSH006A4	BZ-2AK
17	2MSS-PSSP058A4	BZ-2CR
18	2MSS-PSSP057A4	BZ-2CR
19	2MSS-PSR072A4	BZ-2AS
20	2MSS-PSSP379A4	BZ-2AS
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
2. ALL WELDS PRECEDED BY 2MSS-01-05
3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS UNLESS SHOWN OTHERWISE.

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING
ISOMETRIC 01-5-M
ASME CONTROL DWG N/A

THIS DRAWING IS INTENDED FOR USE IN
PRESERVICE AND INSERVICE INSPECTION
PROGRAMS ONLY

ASME XI CLASS 2 ORIGINAL
(FOR INSERVICE INSPECTION ONLY)

NIAGARA MOHAWK

NINE MILE POINT
NUCLEAR STATION - UNIT 2
SCRIBA, N.Y.

ISI WELD & COMPONENT
IDENTIFICATION DIAGRAM
MSS LOOP A,B,C,D

SCALE: NONE DRAWING NO: ISI-01-05

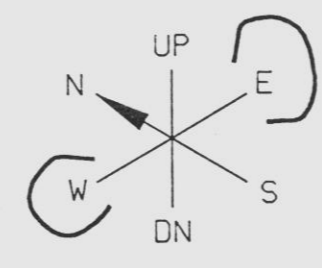
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

WF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	WF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	3	6-24-97	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, ENGINEERING ENHANCEMENT										KSB	MI											

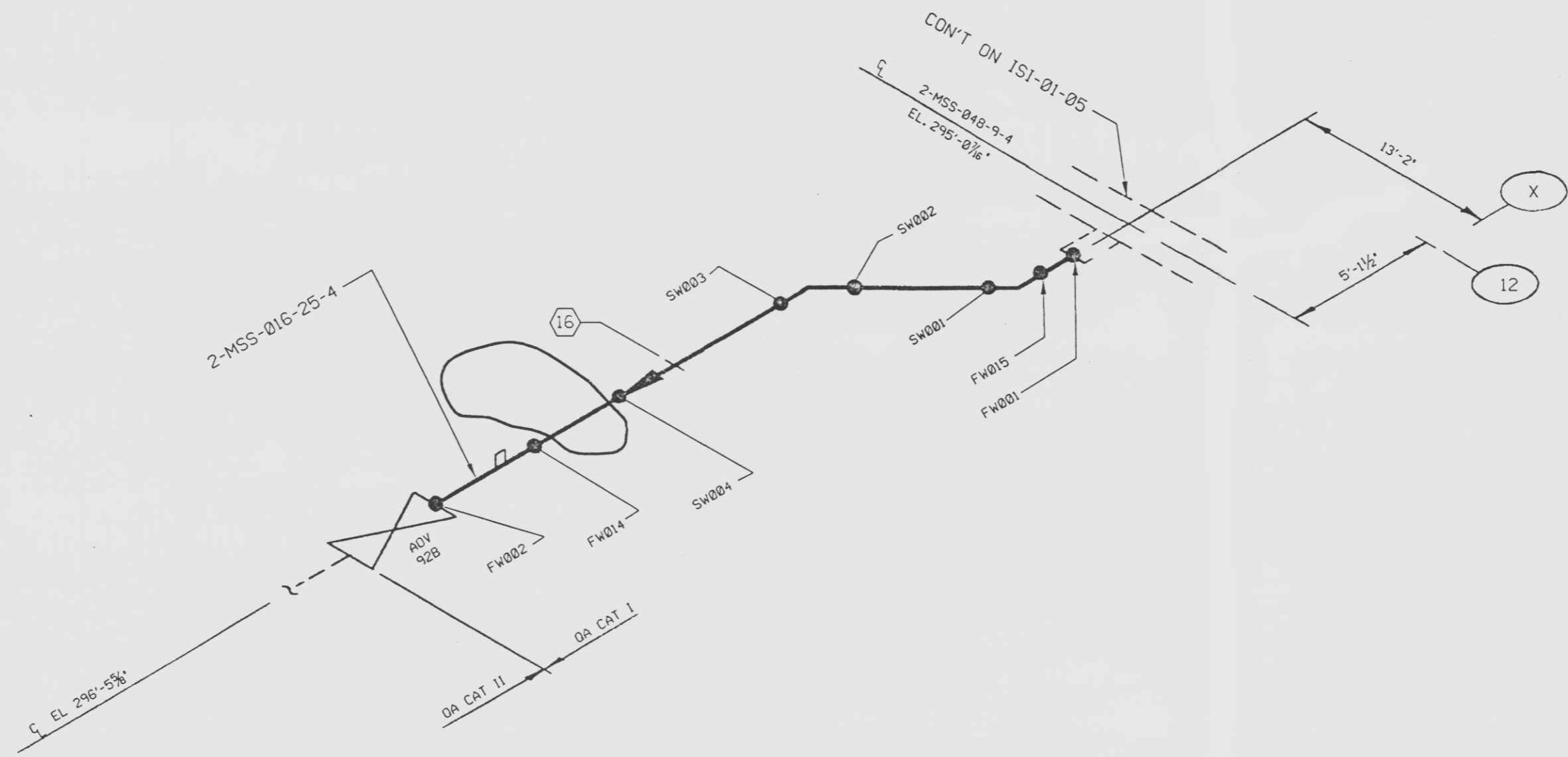
9808130044-53



A B C D



NO.	PIPE SUPPORT	BZ NO.
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
2. ALL WELDS PRECEDED BY 2MSS-01-06
3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS UNLESS SHOWN OTHERWISE.

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-6-T

THIS DRAWING WAS PRODUCED ELECTRONICALLY. IT DOES NOT HAVE ANY CHANGES MANUALLY.

ORIGINAL

ASME XI CLASS 2
(FOR INSERVICE INSPECTION ONLY)

APERTURE CARD

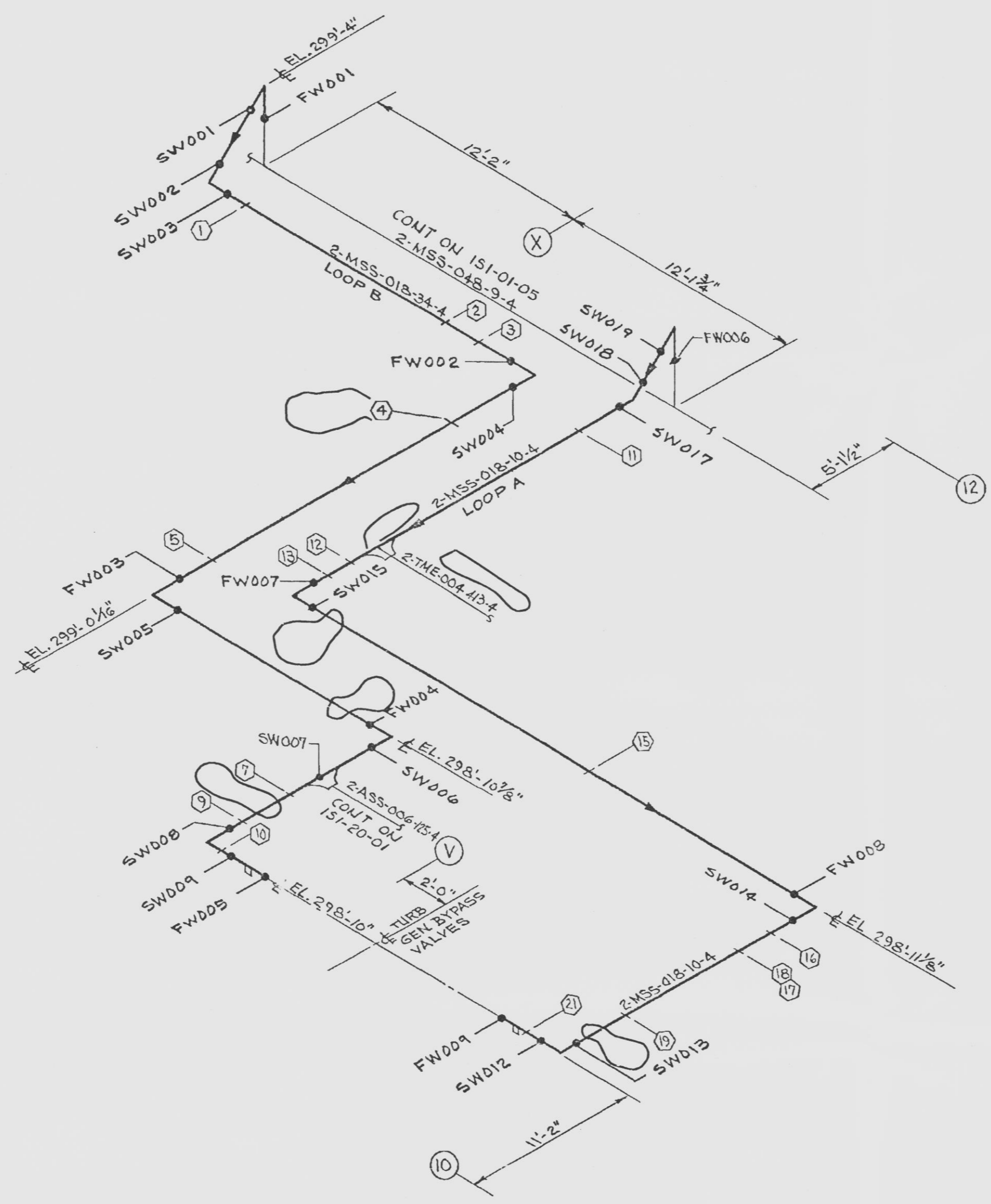
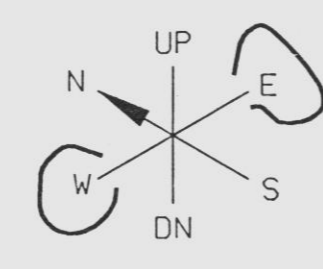
	NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
	ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING
SCALE: NONE	DRAWING NO: ISI-01-06

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	4	6-24-97	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, ENGINEERING ENHANCEMENT REFERENCE EDC 2S10502				KSB	MI						3	11-2-92	REVISED PER ISI PLAN UPDATE REDRAWN ON CADD					MAV	MI	KJP	SL	JMH



A B C D



NO.	PIPE SUPPORT	BZ NO.
1	2MSS-PSSH107A4	BZ-12EG
2	2MSS-PSSP141A4	BZ-12H
3	2MSS-PSSP143A4	BZ-12K
4	2MSS-PSSH154A4	BZ-12W
5	2MSS-PSSH106A4	BZ-12FF
6		
7	2MSS-PSSP148A4	BZ-12U
8		
9	2MSS-PSSP147A4	BZ-12P
10	2MSS-PSSP144A4	BZ-12L
11	2MSS-PSSH101A4	BZ-12EA
12	2MSS-PSSP142A4	BZ-12J
13	2MSS-PSSH102A4	BZ-12EB
14		
15	2MSS-PSSH103A4	BZ-12EC
16	2MSS-PSSP150A4	BZ-12S
17	2MSS-PSSP426A4	BZ-12U
18	2MSS-PSSP152A4	BZ-12U
19	2MSS-PSSP151A4	BZ-12T
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21	2MSS-PSSP145A4	BZ-12M
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
2. ALL WELDS PRECEDED BY 2MSS-01-07
3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS UNLESS SHOWN OTHERWISE.

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-7-H

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

ASME XI CLASS 2
(FOR INSERVICE INSPECTION ONLY)

NIAGARA MCHAWK	NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
	ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING
SCALE NONE	DRAWING NO. ISI-01-07

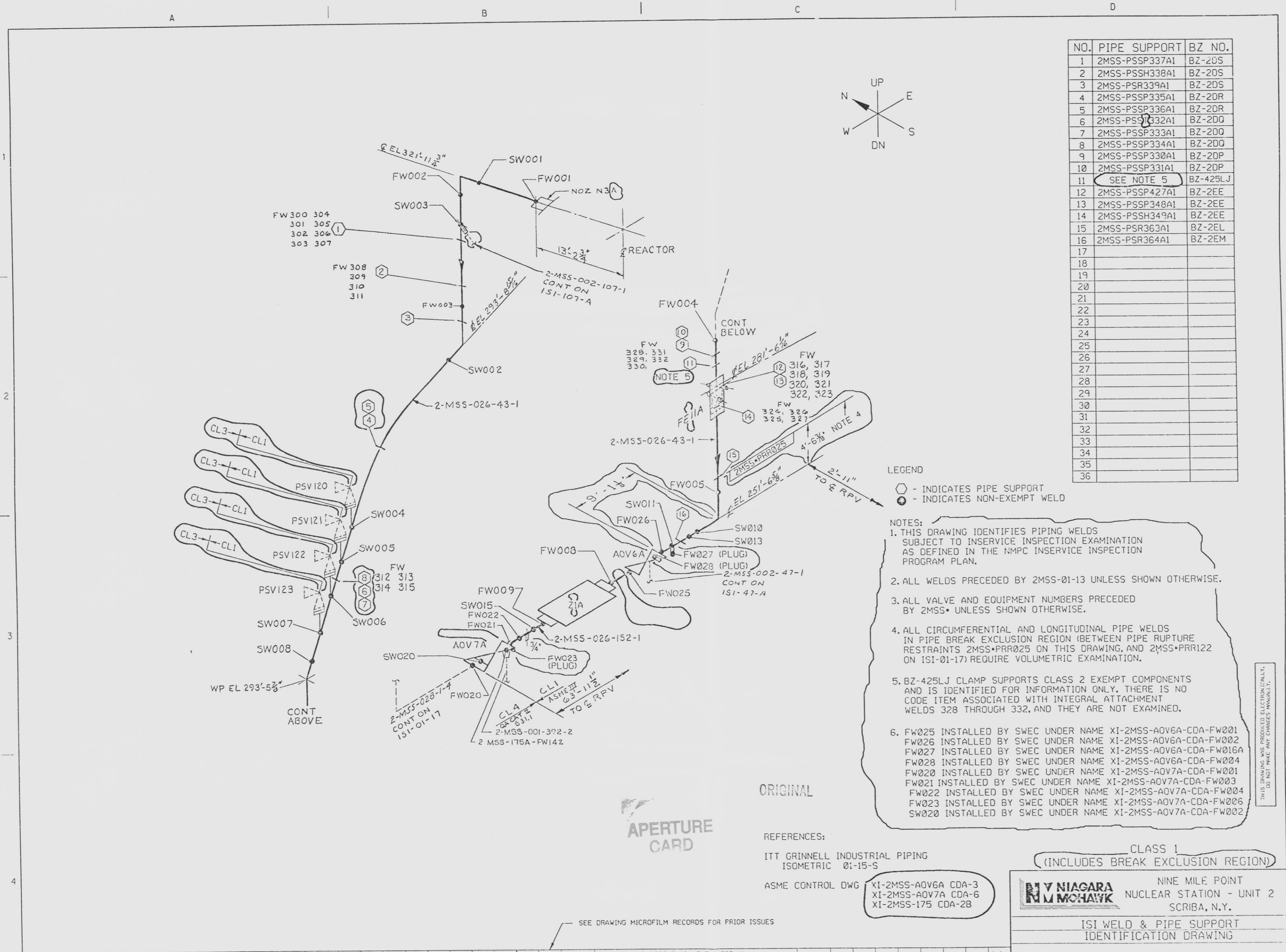
REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
3	10-24-97	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, INCORPORATES EDC 2510595A REFERENCE EDC 2510589, 591 & 592, DER 2-94-0900 REM'D FW305 INTEG ATT < 3/4" DESIGN THK			KSB																			
2	11-2-92	REVISED PER ISI PLAN UPDATE REDRAWN ON CADD																						

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

APERTURE CARD

TAMERAN

ORIGINAL
9808130044
-55
D



NO.	PIPE SUPPORT	BZ NO.
1	2MSS-PSSP337A1	BZ-2DS
2	2MSS-PSSH338A1	BZ-2DS
3	2MSS-PSR339A1	BZ-2DS
4	2MSS-PSSP335A1	BZ-2DR
5	2MSS-PSSP336A1	BZ-2DR
6	2MSS-PSSP332A1	BZ-2DO
7	2MSS-PSSP333A1	BZ-2DO
8	2MSS-PSSP334A1	BZ-2DO
9	2MSS-PSSP330A1	BZ-2DP
10	2MSS-PSSP331A1	BZ-2DP
11	SEE NOTE 5	BZ-425LJ
12	2MSS-PSSP427A1	BZ-2EE
13	2MSS-PSSP348A1	BZ-2EE
14	2MSS-PSSH349A1	BZ-2EE
15	2MSS-PSR363A1	BZ-2EL
16	2MSS-PSR364A1	BZ-2EM
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPIC INSERVICE INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2MSS-01-13 UNLESS SHOWN OTHERWISE.
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS- UNLESS SHOWN OTHERWISE.
 4. ALL CIRCUMFERENTIAL AND LONGITUDINAL PIPE WELDS IN PIPE BREAK EXCLUSION REGION (BETWEEN PIPE RUPTURE RESTRAINTS 2MSS-PRR025 ON THIS DRAWING, AND 2MSS-PRR122 ON ISI-01-17) REQUIRE VOLUMETRIC EXAMINATION.
 5. BZ-425LJ CLAMP SUPPORTS CLASS 2 EXEMPT COMPONENTS AND IS IDENTIFIED FOR INFORMATION ONLY. THERE IS NO CODE ITEM ASSOCIATED WITH INTEGRAL ATTACHMENT WELDS 328 THROUGH 332, AND THEY ARE NOT EXAMINED.
 6. FW025 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6A-CDA-FW001
 FW026 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6A-CDA-FW002
 FW027 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6A-CDA-FW016A
 FW028 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6A-CDA-FW004
 FW020 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7A-CDA-FW001
 FW021 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7A-CDA-FW003
 FW022 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7A-CDA-FW004
 FW023 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7A-CDA-FW006
 SW020 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7A-CDA-FW002

ORIGINAL

APERTURE CARD

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-15-S
 ASME CONTROL DWG XI-2MSS-AOV6A CDA-3
 XI-2MSS-AOV7A CDA-6
 XI-2MSS-175 CDA-2B

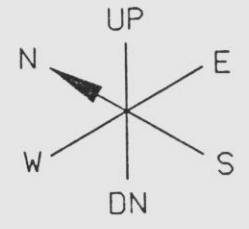
CLASS 1
 (INCLUDES BREAK EXCLUSION REGION)
 NIAGARA MOHAWK
 NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.
 ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING

NO.	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	WF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
4	1-1-17		REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE INCORPORATES ISICR 2-91-ISI-010 & 2-92-ISI-011 REFERENCE EDC 2510422B																						

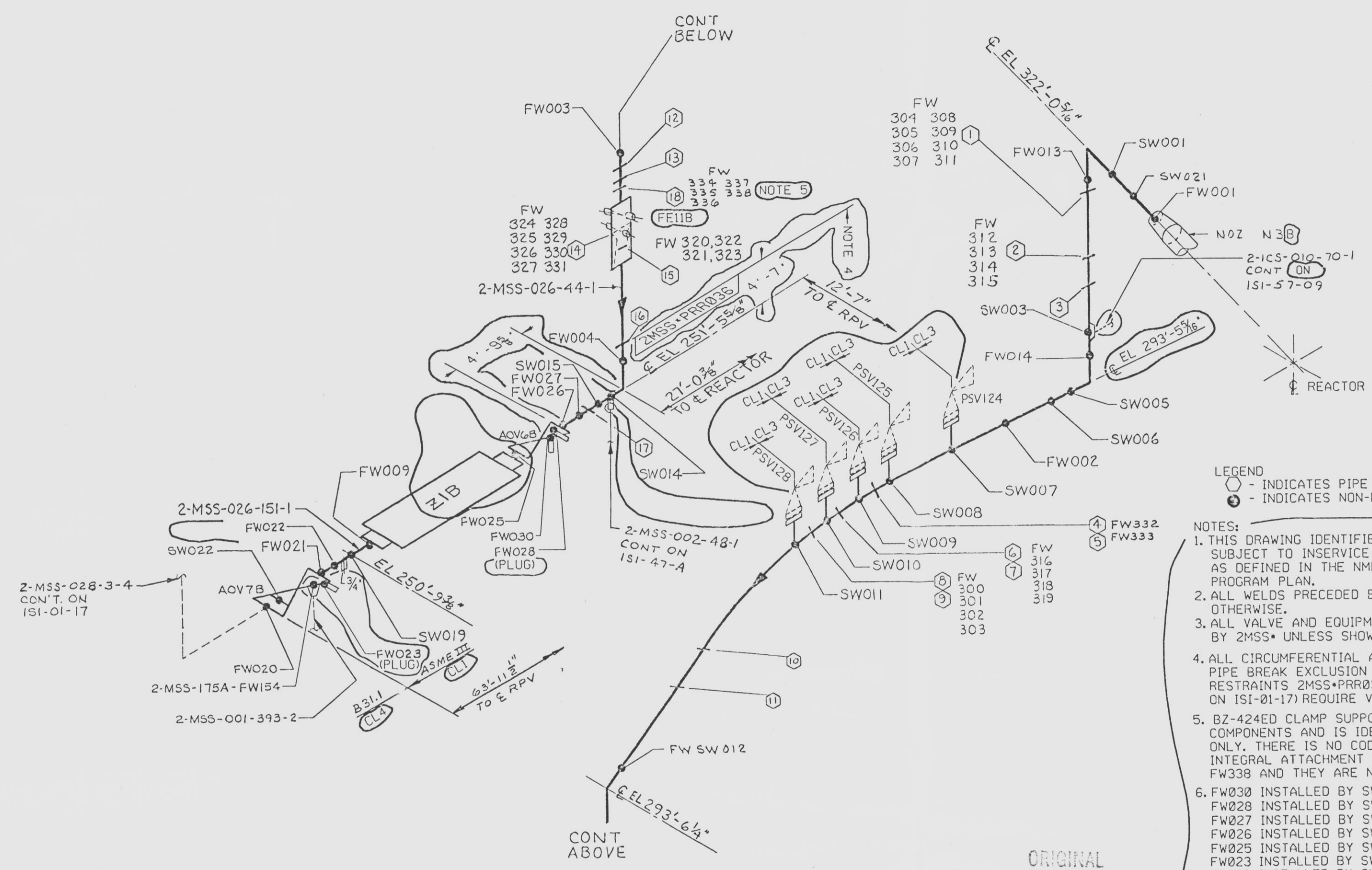
SCALE: NONE
 DRAWING NO: ISI-01-13

9808130044-56

A B C D



NO.	PIPE SUPPORT	BZ NO.
1	2MSS-PSSP080A1	BZ-2DT
2	2MSS-PSSH081A1	BZ-2DU
3	2MSS-PSR342A1	BZ-2DW
4	2MSS-PSSH341A1	BZ-2DX
5	2MSS-PSSH352A1	BZ-2DX
6	2MSS-PSSP353A1	BZ-2DY
7	2MSS-PSSP342A1	BZ-2DY
8	2MSS-PSSP343A1	BZ-2DZ
9	2MSS-PSSP354A1	BZ-2DZ
10	2MSS-PSSP344A1	BZ-2EA
11	2MSS-PSSP345A1	BZ-2EB
12	2MSS-PSSP355A1	BZ-2EF
13	2MSS-PSSP346A1	BZ-2EC
14	2MSS-PSSP082A1	BZ-2DV
15	2MSS-PSSH347A1	BZ-2ED
16	2MSS-PSR365A1	BZ-2EN
17	2MSS-PSR366A1	BZ-2EP
18	SEE NOTE 5	BZ-424ED
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ⊙ - INDICATES NON-EXEMPT WELD

- NOTES:
1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2MSS-01-14 UNLESS SHOWN OTHERWISE.
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS UNLESS SHOWN OTHERWISE.
 4. ALL CIRCUMFERENTIAL AND LONGITUDINAL PIPE WELDS IN PIPE BREAK EXCLUSION REGION (BETWEEN PIPE RUPTURE RESTRAINTS 2MSS-PRR036 ON THIS DRAWING, AND 2MSS-PRR132 ON ISI-01-17) REQUIRE VOLUMETRIC EXAMINATION.
 5. BZ-424ED CLAMP SUPPORTS CLASS 2 EXEMPT COMPONENTS AND IS IDENTIFIED FOR INFORMATION ONLY. THERE IS NO CODE ITEM ASSOCIATED WITH INTEGRAL ATTACHMENT WELDS NO. FW334 THROUGH FW338 AND THEY ARE NOT EXAMINED.
 6. FW030 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6B-CDA-FW006
 FW028 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6B-CDA-FW004
 FW027 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6B-CDA-FW003
 FW026 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6B-CDA-FW002
 FW025 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6B-CDA-FW001
 FW023 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7B-CDA-FW006
 FW022 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7B-CDA-FW004
 FW021 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7B-CDA-FW003
 SW022 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7B-CDA-FW002
 FW020 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7B-CDA-FW001

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-14-W
 ASME CONTROL DWG XI-2MSS-AOV6B CDA-4
 XI-2MSS-AOV7B CDA-6
 XI-2MSS-175 CDA-28

APERTURE CARD

CLASS 1
 (INCLUDES BREAK EXCLUSION REGION)

NY NIAGARA
NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING
 MSS LOOP B

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

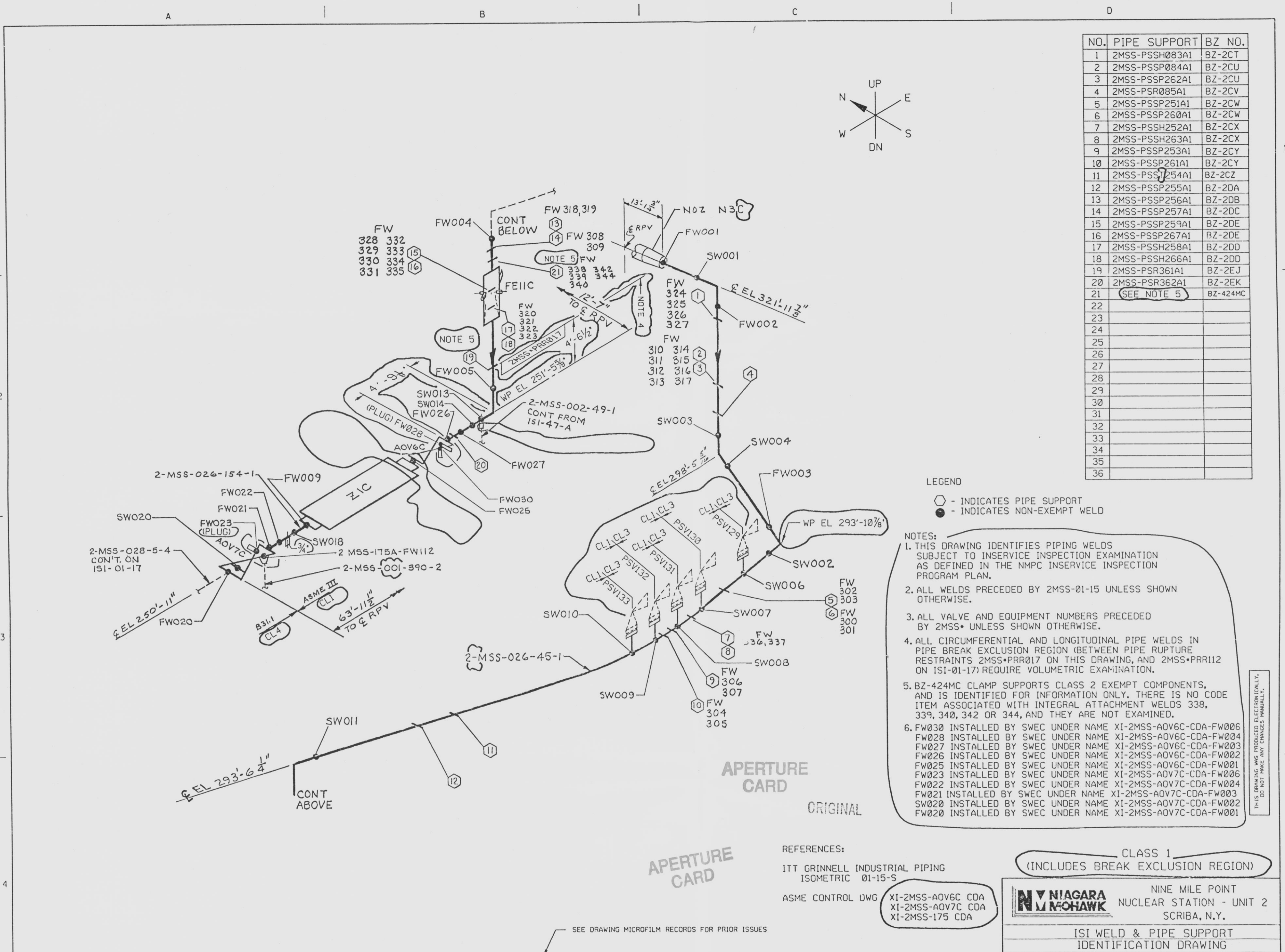
NO.	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
4	1	7-1-97	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE INCORPORATES ISICR 2-91-151-010 & 2-92-151-011																					

SCALE: NONE DRAWING NO: ISI-01-14

9808130044-57

△ A △ I △ B △ C △ D △

C B A 0 A B C



NO.	PIPE SUPPORT	BZ NO.
1	2MSS-PSSH083A1	BZ-2CT
2	2MSS-PSSP084A1	BZ-2CU
3	2MSS-PSSP262A1	BZ-2CV
4	2MSS-PSR085A1	BZ-2CW
5	2MSS-PSSP251A1	BZ-2CX
6	2MSS-PSSP260A1	BZ-2CY
7	2MSS-PSSH252A1	BZ-2DA
8	2MSS-PSSH263A1	BZ-2DB
9	2MSS-PSSP253A1	BZ-2DC
10	2MSS-PSSP261A1	BZ-2DE
11	2MSS-PSSP254A1	BZ-2DF
12	2MSS-PSSP255A1	BZ-2DA
13	2MSS-PSSP256A1	BZ-2DB
14	2MSS-PSSP257A1	BZ-2DC
15	2MSS-PSSP259A1	BZ-2DE
16	2MSS-PSSP267A1	BZ-2DF
17	2MSS-PSSH258A1	BZ-2DD
18	2MSS-PSSH266A1	BZ-2DD
19	2MSS-PSR361A1	BZ-2EJ
20	2MSS-PSR362A1	BZ-2EK
21	SEE NOTE 5	BZ-424MC
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2MSS-01-15 UNLESS SHOWN OTHERWISE.
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS* UNLESS SHOWN OTHERWISE.
 4. ALL CIRCUMFERENTIAL AND LONGITUDINAL PIPE WELDS IN PIPE BREAK EXCLUSION REGION (BETWEEN PIPE RUPTURE RESTRAINTS 2MSS+PRR017 ON THIS DRAWING, AND 2MSS+PRR12 ON ISI-01-17) REQUIRE VOLUMETRIC EXAMINATION.
 5. BZ-424MC CLAMP SUPPORTS CLASS 2 EXEMPT COMPONENTS, AND IS IDENTIFIED FOR INFORMATION ONLY. THERE IS NO CODE ITEM ASSOCIATED WITH INTEGRAL ATTACHMENT WELDS 338, 339, 340, 342 OR 344, AND THEY ARE NOT EXAMINED.
 6. FW030 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6C-CDA-FW006
 FW028 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6C-CDA-FW004
 FW027 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6C-CDA-FW003
 FW026 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6C-CDA-FW002
 FW025 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6C-CDA-FW001
 FW023 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7C-CDA-FW006
 FW022 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7C-CDA-FW004
 FW021 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7C-CDA-FW003
 SW020 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7C-CDA-FW002
 FW020 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7C-CDA-FW001

APERTURE CARD ORIGINAL

REFERENCES:
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-15-S
 ASME CONTROL DWG XI-2MSS-AOV6C CDA XI-2MSS-AOV7C CDA XI-2MSS-175 CDA

CLASS 1 (INCLUDES BREAK EXCLUSION REGION)
 NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING
 MSS LOOP C
 SCALE NONE DRAWING NO ISI-01-15

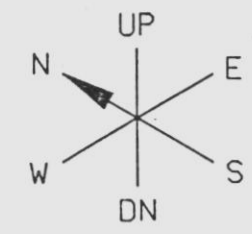
WF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	4	7-1-97	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE (REF EDC 25105394) INCORPORATES ISICR 2-91-ISI-010 & 2-92-ISI-011																					

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

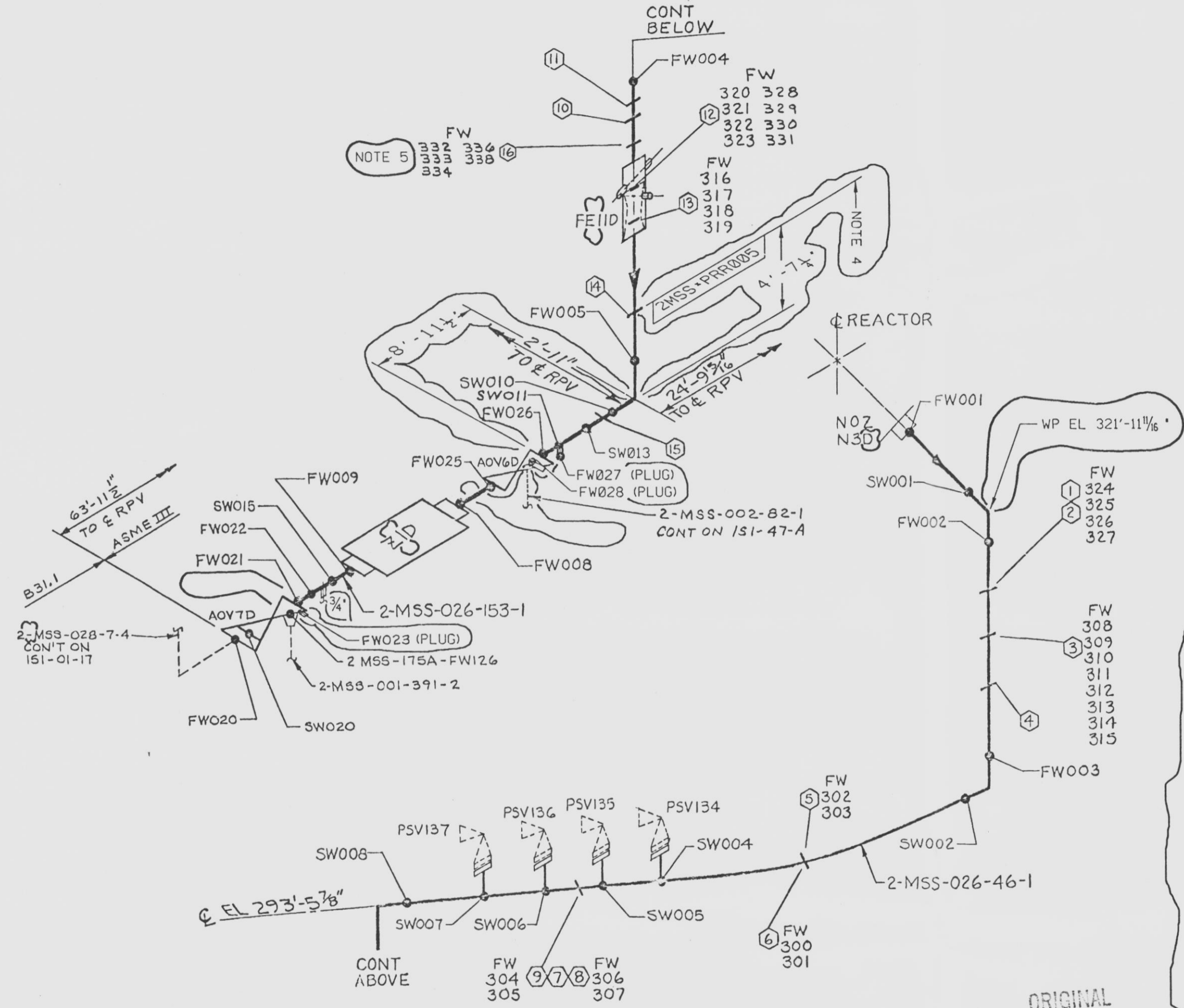
TAMERAN

9808130044-58

A | B | C | D



NO.	PIPE SUPPORT	BZ NO.
1	2MSS-PSSH308A1	BZ-2DF
2	2MSS-PSSH318A1	BZ-2DF
3	2MSS-PSSP309A1	BZ-2DG
4	2MSS-PSR310A1	BZ-2DH
5	2MSS-PSSP311A1	BZ-2DJ
6	2MSS-PSSP312A1	BZ-2DJ
7	2MSS-PSSP313A1	BZ-2DK
8	2MSS-PSSP314A1	BZ-2DK
9	2MSS-PSSP315A1	BZ-2DK
10	2MSS-PSSP316A1	BZ-2DL
11	2MSS-PSSP320A1	BZ-2DL
12	2MSS-PSSP317A1	BZ-2EE
13	2MSS-PSSH319A1	BZ-2EE
14	2MSS-PSR359A1	BZ-2EG
15	2MSS-PSR360A1	BZ-2EH
16	(SEE NOTE 5)	BZ-425LK
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2MSS-01-16 UNLESS SHOWN OTHERWISE.
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS- UNLESS SHOWN OTHERWISE.
 4. ALL CIRCUMFERENTIAL AND LONGITUDINAL PIPEWELDS IN PIPE BREAK EXCLUSION REGION (BETWEEN PIPE RUPTURE RESTRAINTS 2MSS-PRR005 ON THIS DRAWING, AND 2MSS-PRR102 ON ISI-01-17) REQUIRE VOLUMETRIC EXAMINATION.
 5. BZ-425LK CLAMP SUPPORTS CLASS 2 EXEMPT COMPONENTS AND IS IDENTIFIED FOR INFORMATION ONLY. THERE IS NO CODE ITEM ASSOCIATED WITH INTEGRAL ATTACHMENT WELDS 332, 333, 334, 336 AND 338, AND THEY ARE NOT EXAMINED.
 6. FW025 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6D-CDA-FW001
 FW026 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6D-CDA-FW002
 FW027 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6D-CDA-FW003
 FW028 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV6D-CDA-FW004
 FW020 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7D-CDA-FW001
 FW021 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7D-CDA-FW003
 FW022 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7D-CDA-FW004
 FW023 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7D-CDA-FW006
 SW020 INSTALLED BY SWEC UNDER NAME XI-2MSS-AOV7D-CDA-FW002

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

ORIGINAL

APERTURE CARD

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-16-W
 ASME CONTROL DWG N/A

CLASS 1
 (INCLUDES BREAK EXCLUSION REGION)

NIAGARA MOHAWK
 NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING
 MSS LOOP D

SCALE NONE DRAWING NO ISI-01-16

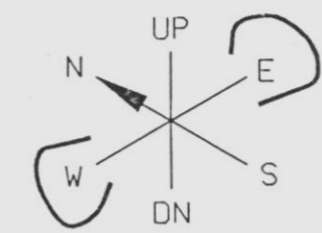
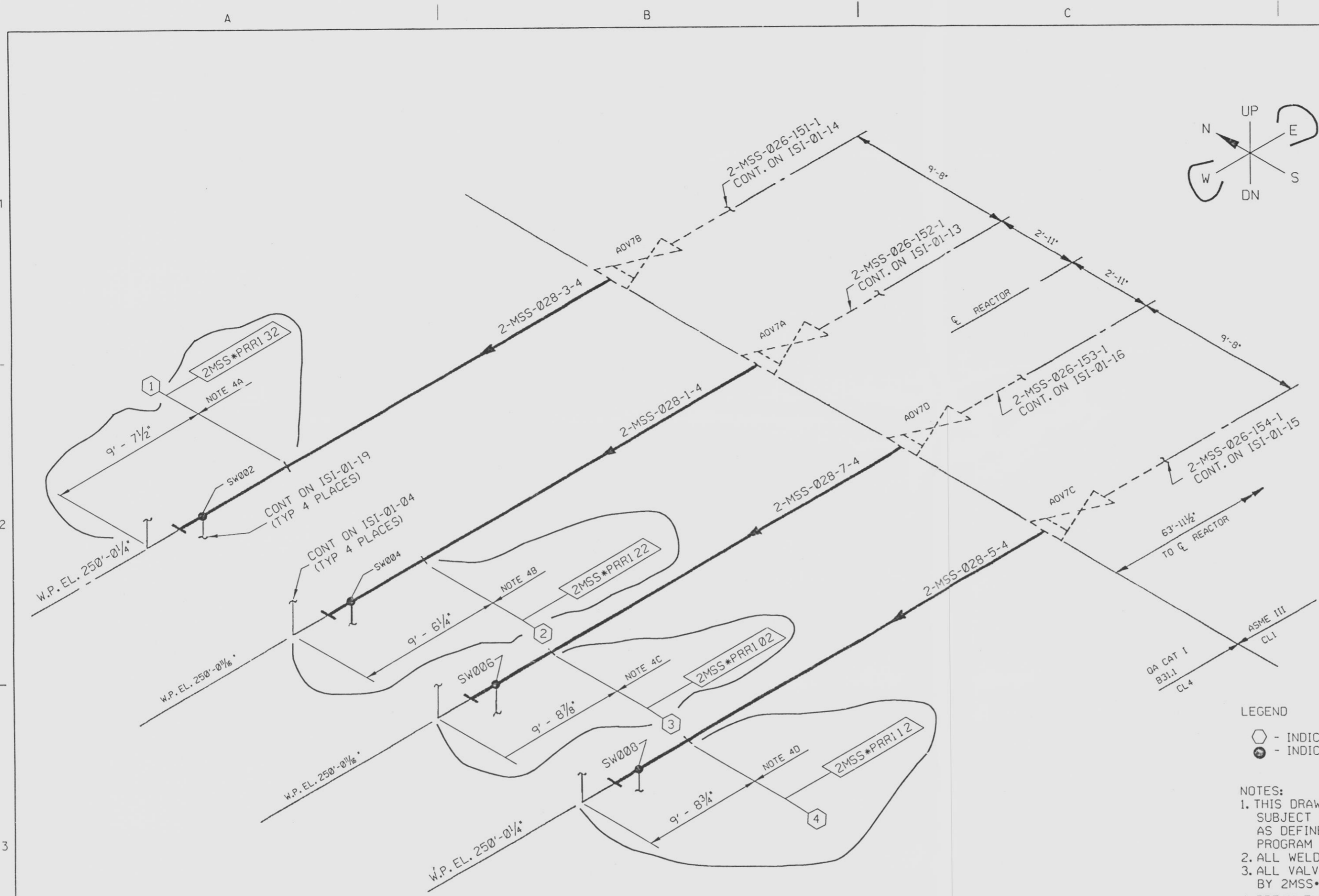
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	4	7-1-97	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE (REF EDC 2S10448A) INCORPORATES ISICR 2-91-ISI-010 & 2-92-ISI-011 REFERENCE E&DCR M10270H																					

△ A B A 0 A B C

TAMERAN

9808130044-59



NO.	PIPE SUPPORT	BZ NO.
1	2MSS-PSR368A4	BZ-2ER
2	2MSS-PSR369A4	BZ-2GH
3	2MSS-PSR370A4	BZ-2GJ
4	2MSS-PSR371A4	BZ-2GK
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN.
2. ALL WELDS PRECEDED BY 2MSS-01-17
3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS* UNLESS SHOWN OTHERWISE.
4. BREAK EXCLUSION BOUNDARIES ARE LOCATED AS FOLLOWS; BETWEEN:
 - A) 2MSS*PRR132 (PIPE SUPPORT NO. 1, THIS DRAWING) AND 2MSS*PRR036 (PIPE SUPPORT NO. 16, ISI-01-14)
 - B) 2MSS*PRR122 (PIPE SUPPORT NO. 2, THIS DRAWING) AND 2MSS*PRR025 (PIPE SUPPORT NO. 15, ISI-01-13)
 - C) 2MSS*PRR102 (PIPE SUPPORT NO. 3, THIS DRAWING) AND 2MSS*PRR005 (PIPE SUPPORT NO. 14, ISI-01-16)
 - D) 2MSS*PRR112 (PIPE SUPPORT NO. 4, THIS DRAWING) AND 2MSS*PRR017 (PIPE SUPPORT NO. 19, ISI-01-15)

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-17-M

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

APERTURE CARD

APERTURE CARD

ORIGINAL

ASME XI
CLASS 2 & BREAK EXCLUSION REGION

NIAGARA
MC HAWK
NINE MILE POINT
NUCLEAR STATION - UNIT 2
SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT
IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-01-17

50-410
9808130044
7/31/98 -60

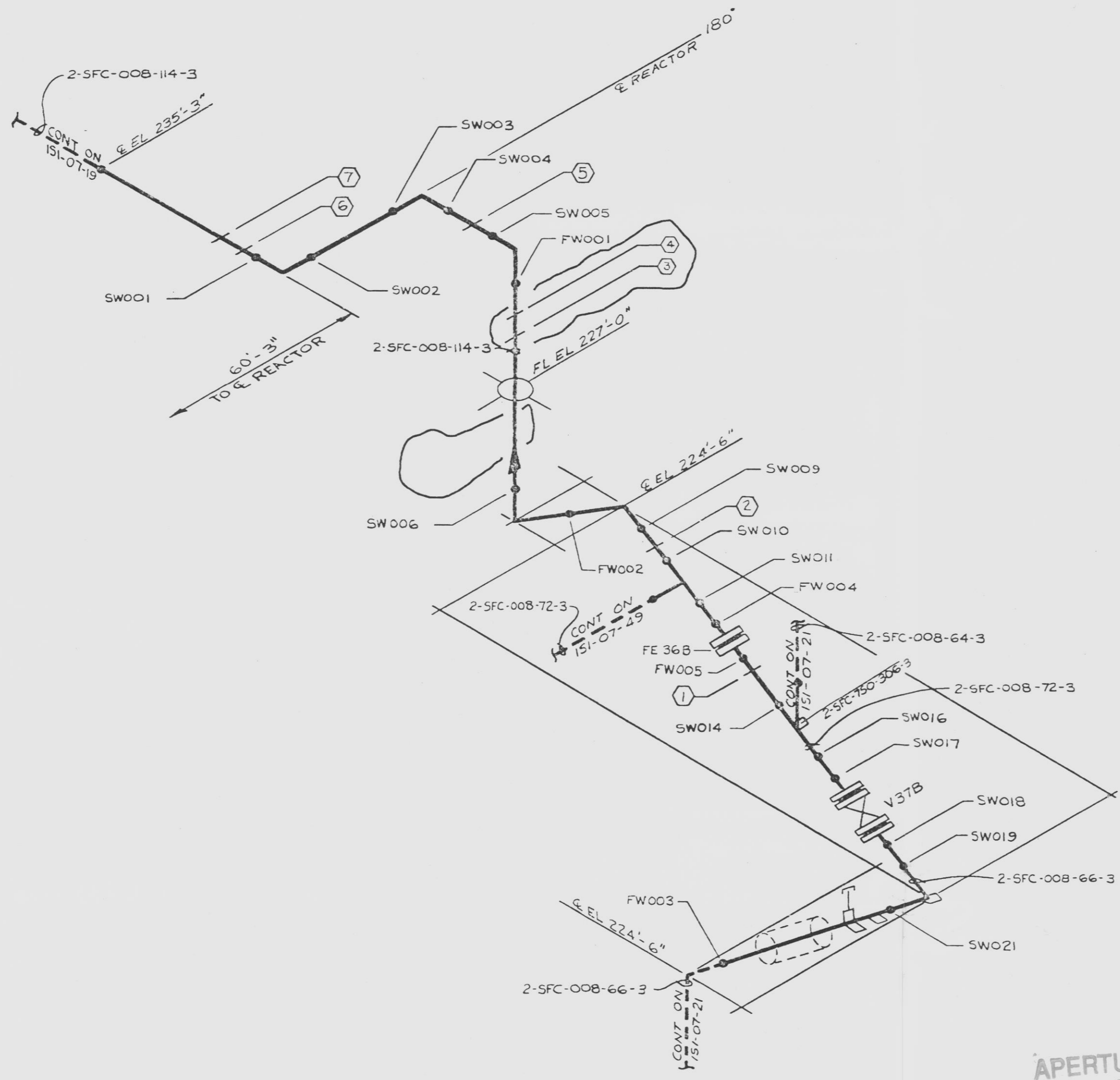
REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MP	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	
4	11-2-92	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, ENGINEERING ENHANCEMENT	RMK		MI								3	11-2-92	REVISED PER ISI PLAN UPDATE REDRAWN ON CADD	MAV									

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

A B C D



NO.	PIPE SUPPORT	BZ NO.
1	PSR259A3	BZ-77DM
2	PSR258A3	BZ-77DL
3	PSST534A3	BZ-77NT
4	PSST533A3	BZ-77NT
5	PSST720A3	BZ-77VR
6	PSST236A3	BZ-77CR
7	PSR251A3	BZ-77U
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:
- SCALE: NONE
 - THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPIC PRESERVICE AND INSERVICE INSPECTION PLAN
 - ALL WELDS PRECEDED BY 2SFC-07-20
 - ALL SUPPORTS PRECEDED BY 2SFC

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-20-J
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SFC

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

APERTURE CARD

CLASS 3 ORIGINAL

NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD AND COMPONENT IDENTIFICATION DIAGRAM

SCALE: NONE DRAWING NO: ISI-07-20

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

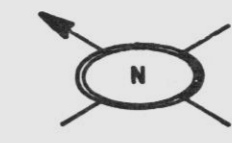
REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR
1	6-24-87	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE INCORPORATES NEW BORDER, REDRAWN ON CADD								

△ C B A 0 A B C

TAMERAN

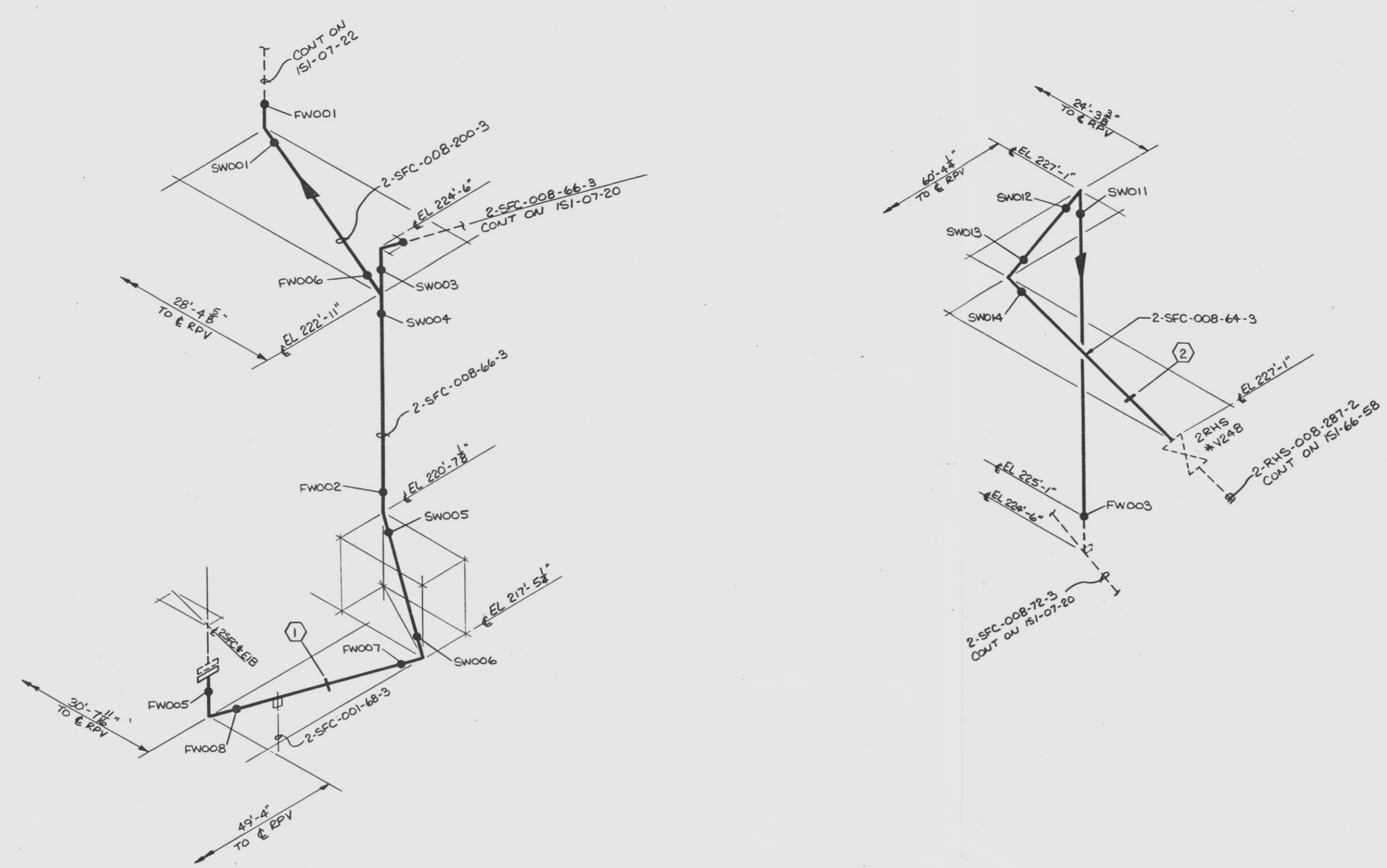
9808130044-61

12-20-151
 12-20-151



QUAD-SE FL EL 215'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PESH241A3	BZ-77C.W
2	PER235A3	BZ-77C.Q
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 07-21-SFC-
 4. ALL SUPPORTS PRECEDED BY 2SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-21-J
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

APERTURE CARD

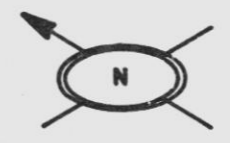
CLASS 3

REFERENCE DESCRIPTION										DRAWING NUMBER										NO. MF DATE										DESCRIPTION OF ISSUE OR REVISION										DR. CK. APP.										NO. MF DATE										DESCRIPTION OF ISSUE OR REVISION										DR. CK. APP.										APPROVED										ACCOUNT NUMBER 317.30-0991-190000-5014										NINE MILE POINT UNIT 2										WELD AND COMPONENT IDENTIFICATION DIAGRAM										ORIGINAL ISSUE DATE 2-9-88										FILE INDEX										DRAWING NUMBER 151-07-21										SHEET NUMBER																																																																																																													
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980813 0044-62

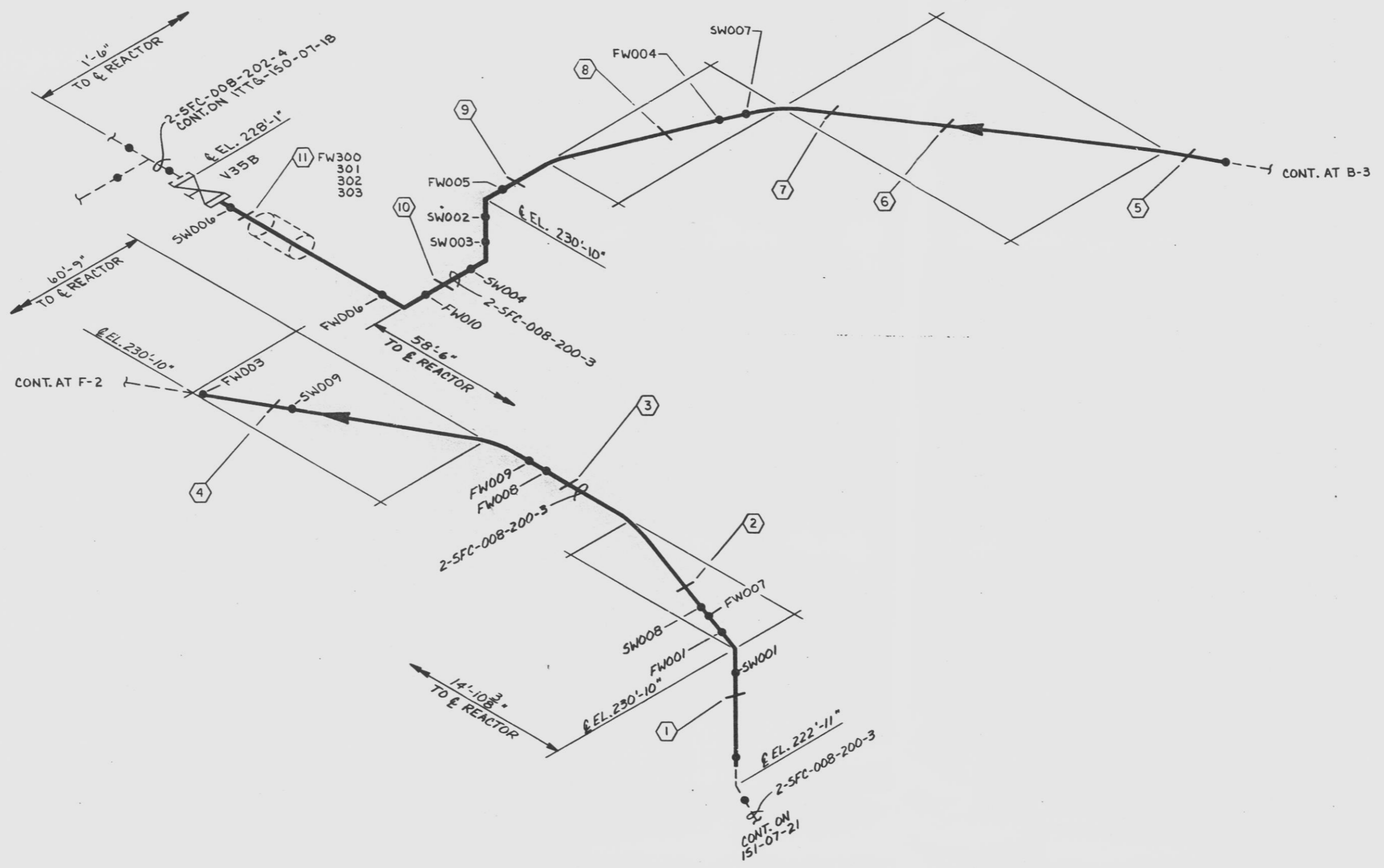
A | B | C | D | E | F | G | H

72-07-22
 15000
 15000



QUAD-NE FL EL 215'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSR 255 A3	BZ-77 DH
2	PSST 254	DG
3	PSR 250	U
4	249	S
5	248	R
6	244	CZ
7	247	P
8	246	M
9	240	CV
10	PSST 239	CU
11	PSA 238	CT
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:
- SCALE: NONE
 - THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 - ALL WELDS PRECEDED BY 07-22-SFC
 - ALL SUPPORTS PRECEDED BY 25FC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-22-J
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 25FC#

APERTURE CARD

CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.

DES. APPROVED 2-9-88
 DR. KAJ APPROVED 8-9-88
 CK. PAL APPROVED

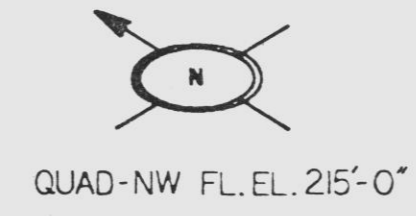


NINE MILE POINT UNIT 2
 WELD AND COMPONENT
 IDENTIFICATION DIAGRAM

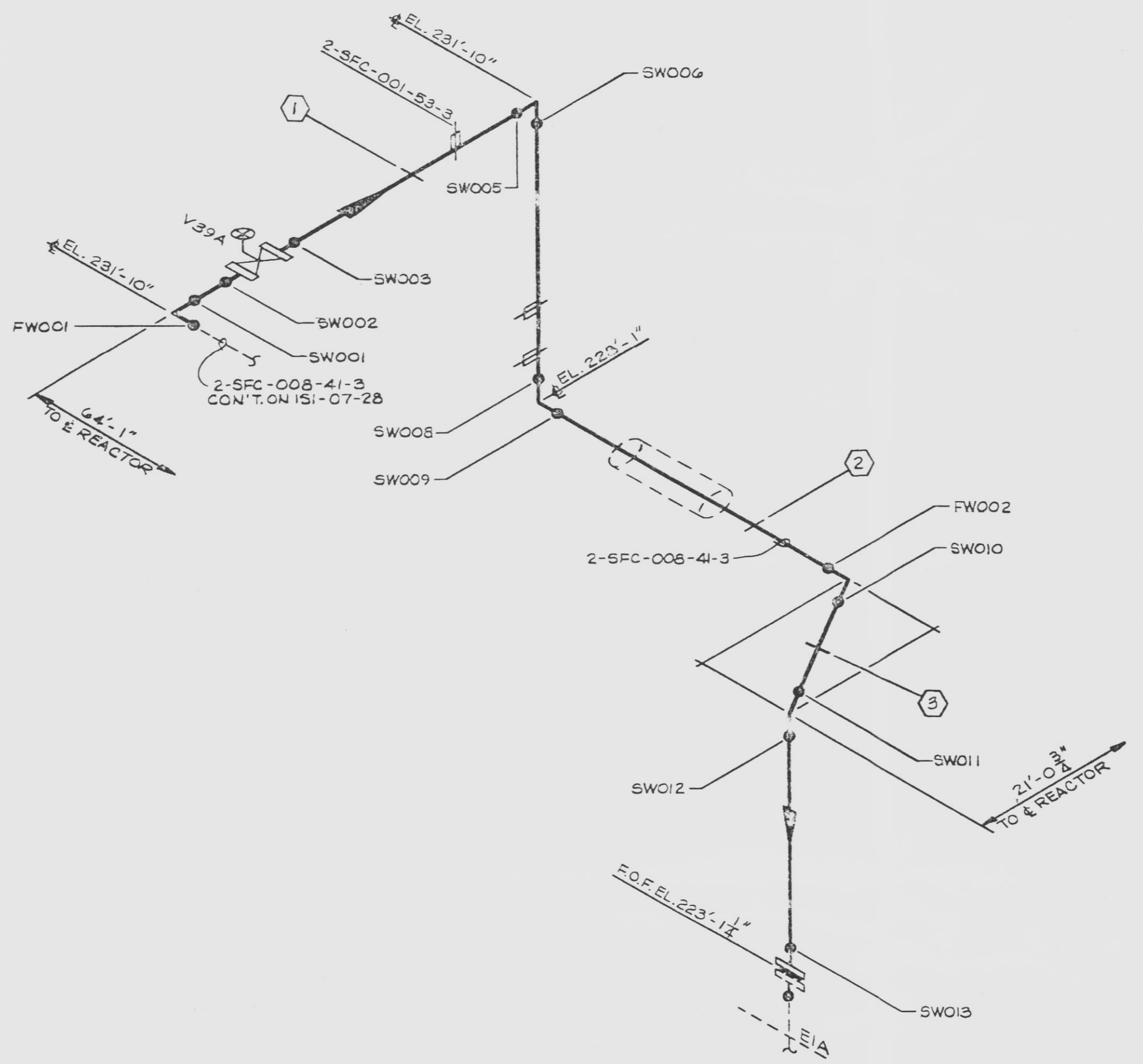
ORIGINAL ISSUE DATE 2-9-88
 FILE INDEX
 DRAWING NUMBER ISI-07-22
 SHEET NUMBER

ACCOUNT NUMBER 31730-0991-190000-5014

D
 9808130044-63



NO.	PIPE SUPPORT	BZ NO.
1	PSST213A3	BZ-77BT
2	PSST217A3	BZ-77BX
3	PSSH211A3	BZ-77BR
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:**
- SCALE: NONE
 - THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 - ALL WELDS PRECEDED BY 2SFC-07-27
 - ALL SUPPORTS PRECEDED BY 2SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-27-G
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SFC*

APERTURE CARD

CLASS 3



NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.

ISI WELD AND COMPONENT
 IDENTIFICATION DIAGRAM

SCALE: NONE DRAWING NO: ISI-07-27

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

NO.	REV.	DATE	DESCRIPTION OF REVISION	M.D.	DFT	DES	CHKD	ENG	ELEC	MECH	STR
1	6-14-97		REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, REF. EDC 2510098A INCORPORATES NEW BORDER, REDRAWN ON CADD								

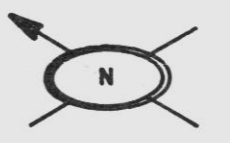
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TAMERAN

D 9808130044-6A

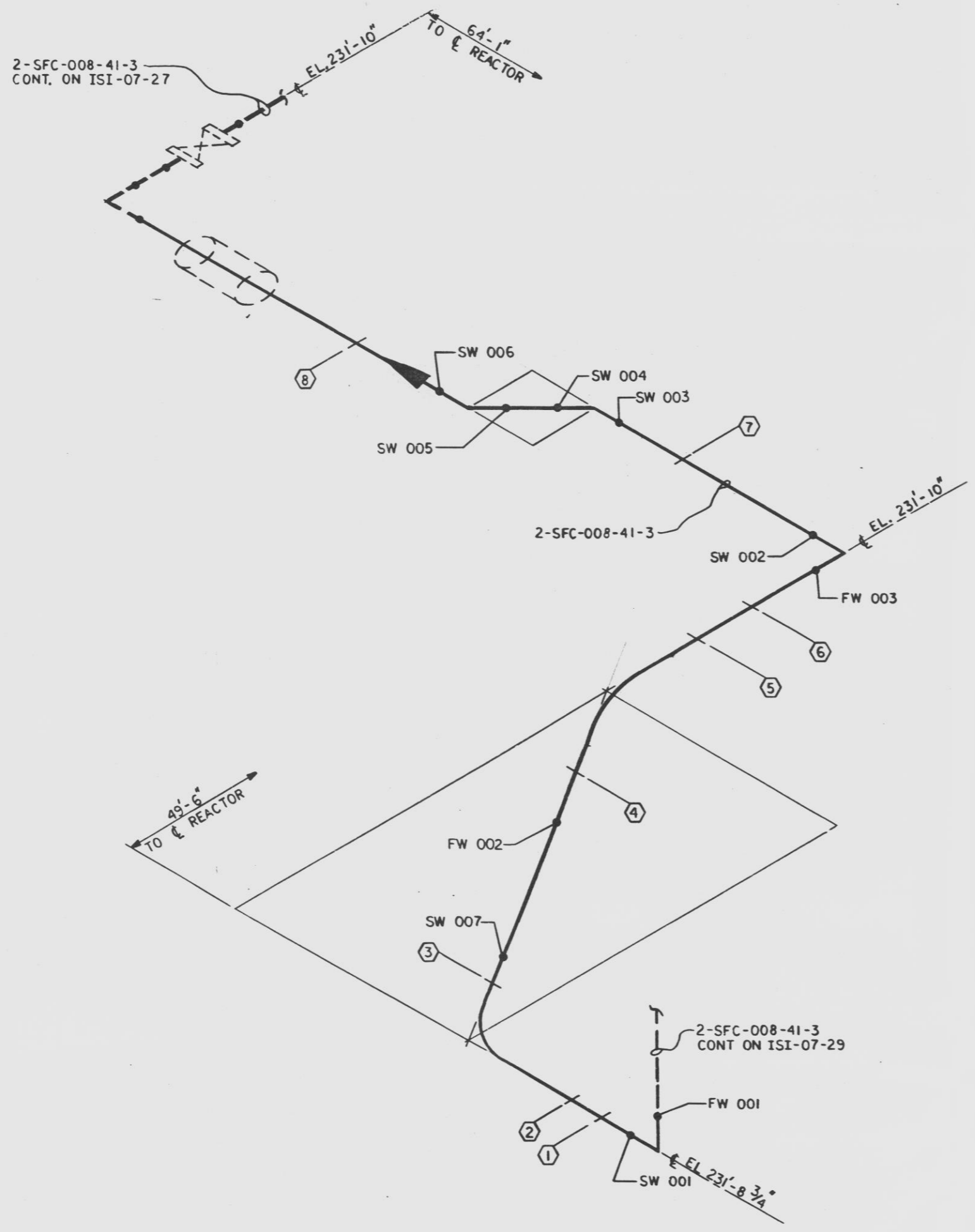
A | B | C | D | E | F | G | H

82-70-ISI
DRAWING NUMBER



QUAD-NW FLEL. 215'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSST226 A3	BZ-77 CF
2	PSST225	CE
3	PSST224	CD
4	PSST223	CC
5	PSR222	CB
6	PSR221	CA
7	PSR219	BY
8	PSR214	BU
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:
- SCALE: NONE
 - THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 - ALL WELDS PRECEDED BY 07-28-SFC-
 - ALL SUPPORTS PRECEDED BY 2 SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-28-F
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

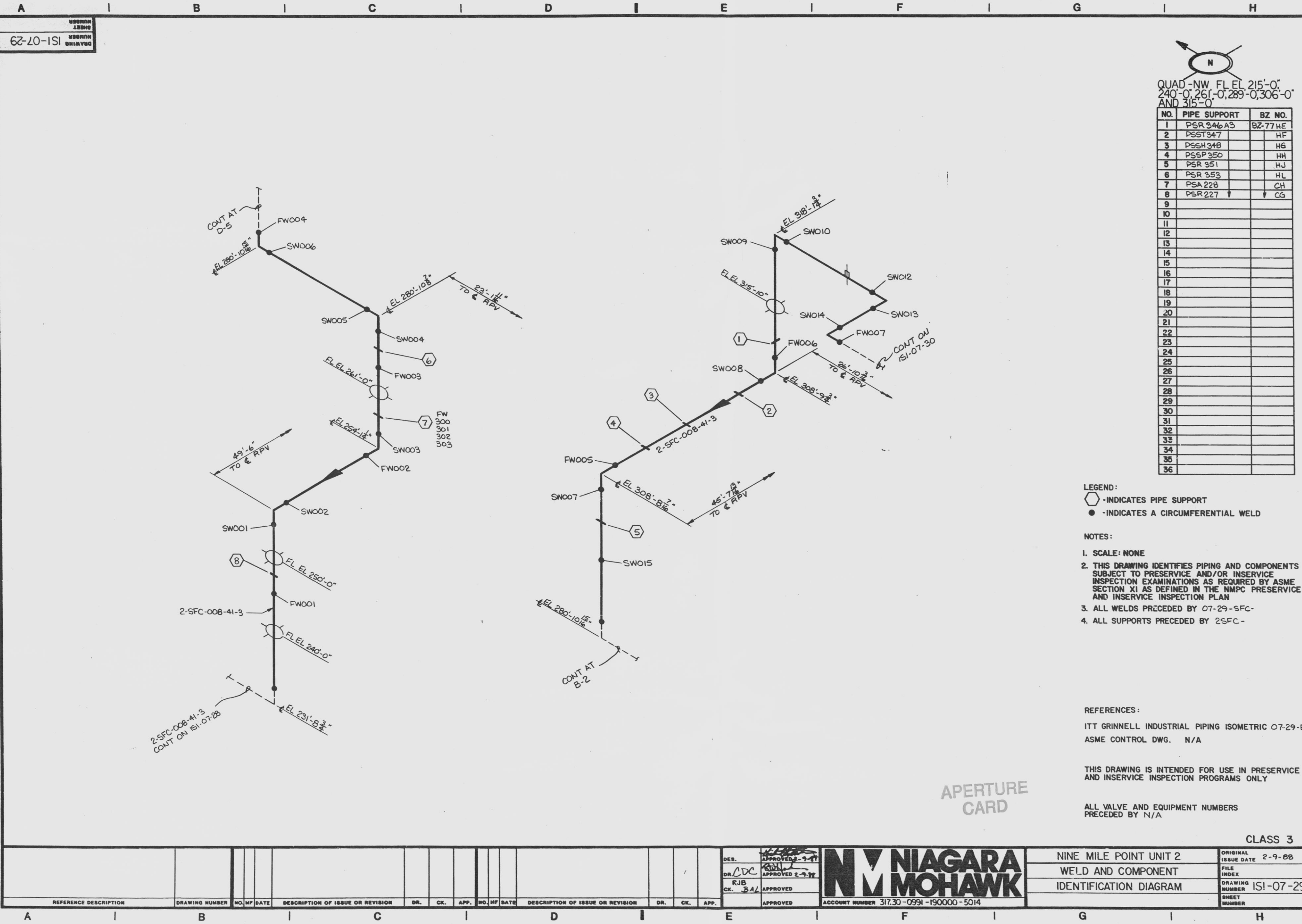
APERTURE CARD

CLASS 3

										DES. <i>[Signature]</i> DR. DEC R. JB CK. BAL		NM NIAGARA MOHAWK ACCOUNT NUMBER 317.30-0991-190000-5014		NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM		ORIGINAL ISSUE DATE 2-9-88 FILE INDEX DRAWING NUMBER ISI-07-28 SHEET NUMBER	
REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	MF	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO.	MF	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	APPROVED	

D
 9808130044-65

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62-20-1SI

QUAD - NW FL EL 215'-0",
240'-0", 261'-0", 289'-0", 306'-0"
AND 315'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSR 346AS	BZ-77HE
2	PSR 347	HF
3	PSR 348	HG
4	PSR 350	HH
5	PSR 351	HJ
6	PSR 353	HL
7	PSA 228	CH
8	PSR 227	CG
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- LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD
- NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 07-29-SFC-
 4. ALL SUPPORTS PRECEDED BY 2SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-29-E
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

APERTURE CARD

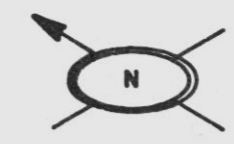
CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	DESIGNER	DATE	DESCRIPTION	ACCOUNT NUMBER	CLASS	ORIGINAL ISSUE DATE	FILE INDEX	DRAWING NUMBER	SHEET NUMBER
																	317.30-0991-190000-5014	NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM	2-9-88		ISI-07-29	

D
9808130044-66

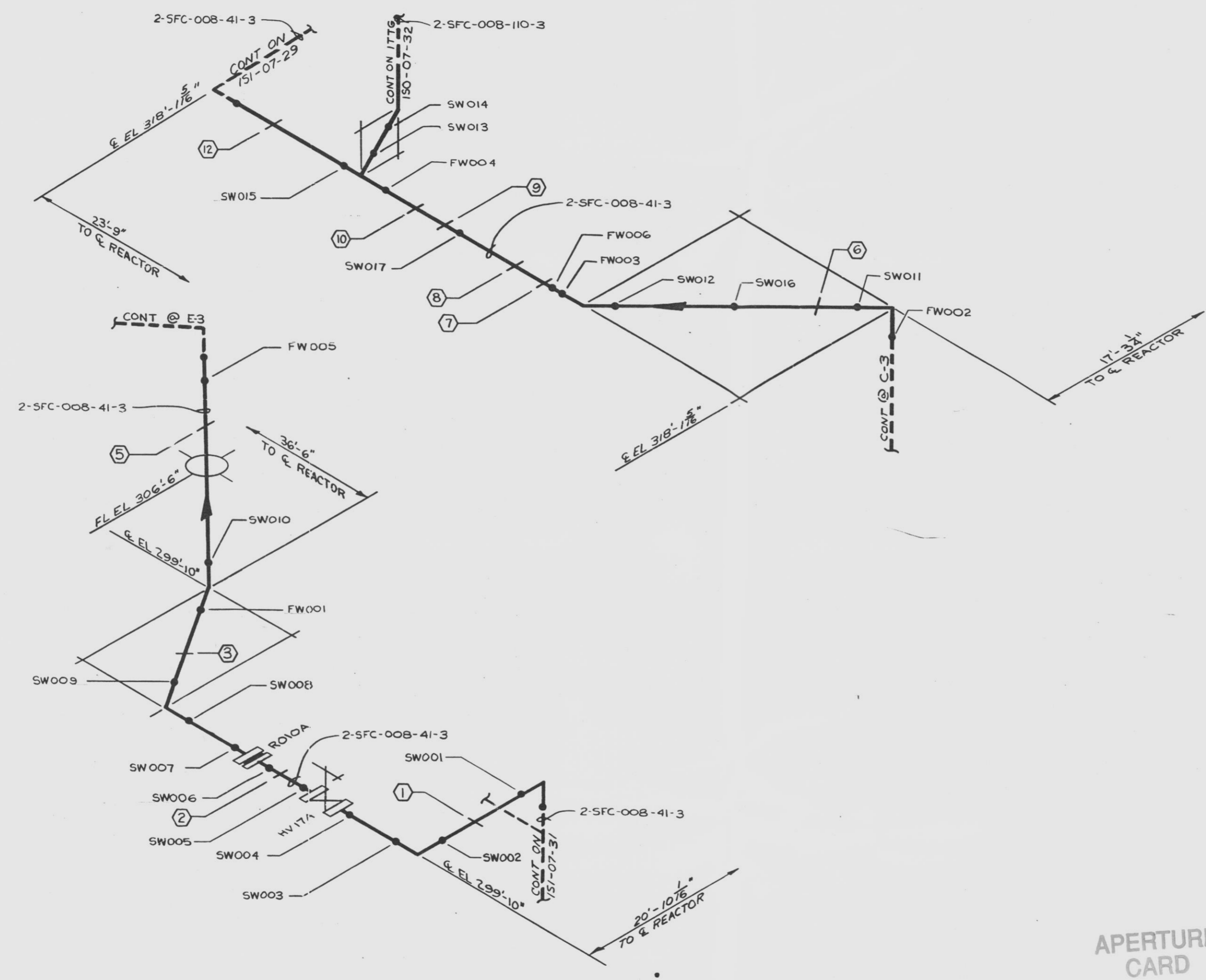
A B C D E F G H

02-20-ISI
 150000
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QUAD-NW,SW 289'-306'-315'

NO.	PIPE SUPPORT	BZ NO.
1	PSST-352-A3	BZ-77-HK
2	PSST-328-	-GL
3	PSST-329-	GM
4		
5	PSST-330-A3	BZ-77-GN
6	PSST-332-	GQ
7	PSST-335-	GT
8	PSR-336-	GU
9	PSST-338-	GW
10	PSST-343-	HB
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12	PSR-345-A3	BZ-77-HD
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LEGEND:

- - INDICATES PIPE SUPPORT
- - INDICATES A CIRCUMFERENTIAL WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 07-30-SFC
4. ALL SUPPORTS PRECEDED BY 2 SFC

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-30-H
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2 SFC *

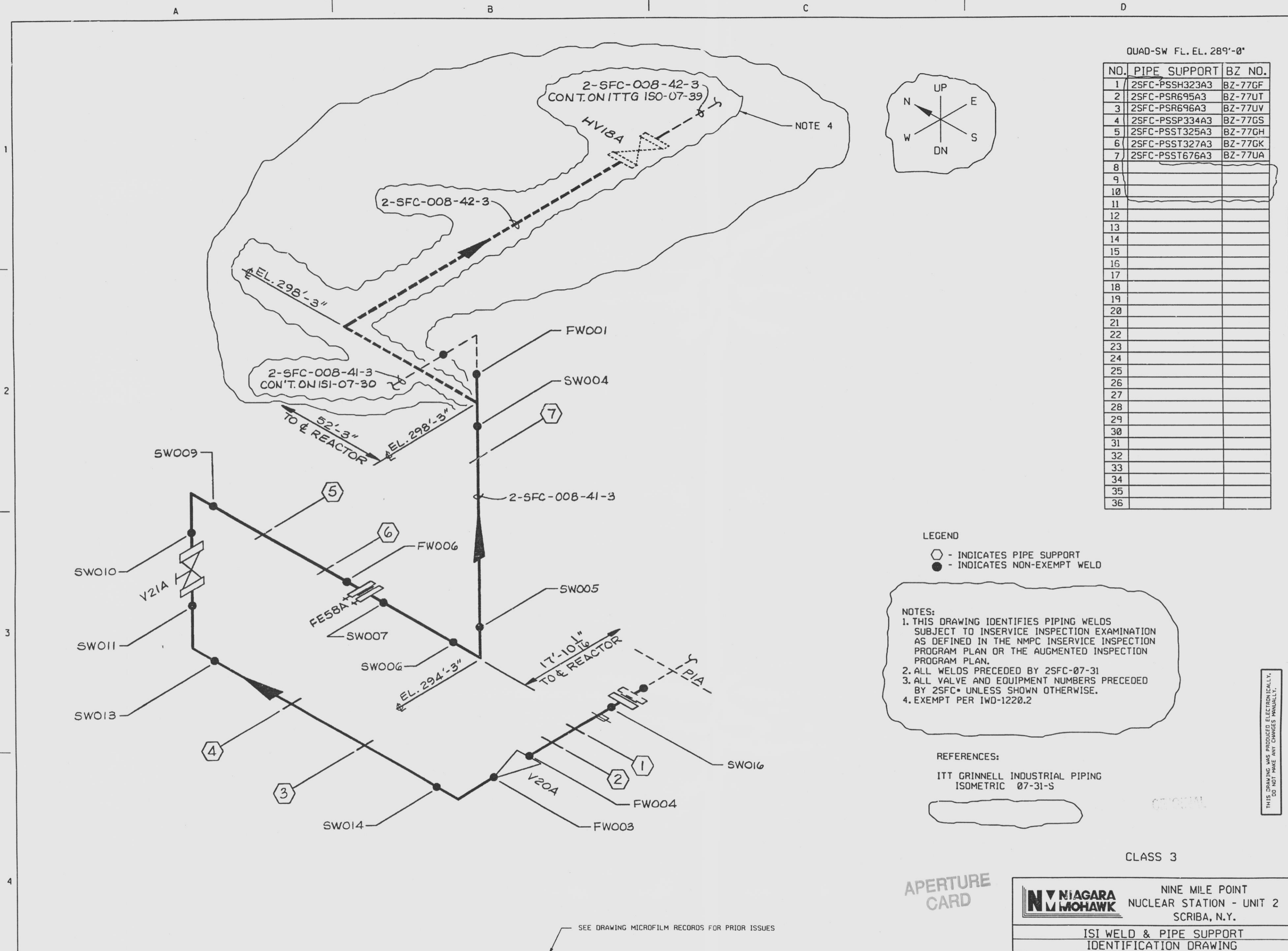
APERTURE CARD

CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	DES.	APPROVED	ACCOUNT NUMBER	CLASS	ORIGINAL ISSUE DATE	FILE INDEX	DRAWING NUMBER	SHEET NUMBER
														DES. APPROVED 2-9-88		317.30-0991-190000-5014	NINE MILE POINT UNIT 2	2-9-88		ISI-07-30	



D
 9808 130044-67



MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	2-10-98	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, ENGINEERING ENHANCEMENT REDRAWN ON CAD																						

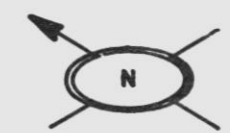
NIAGARA MOHAWK
 NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING

SCALE: NONE
 DRAWING NO: ISI-07-31

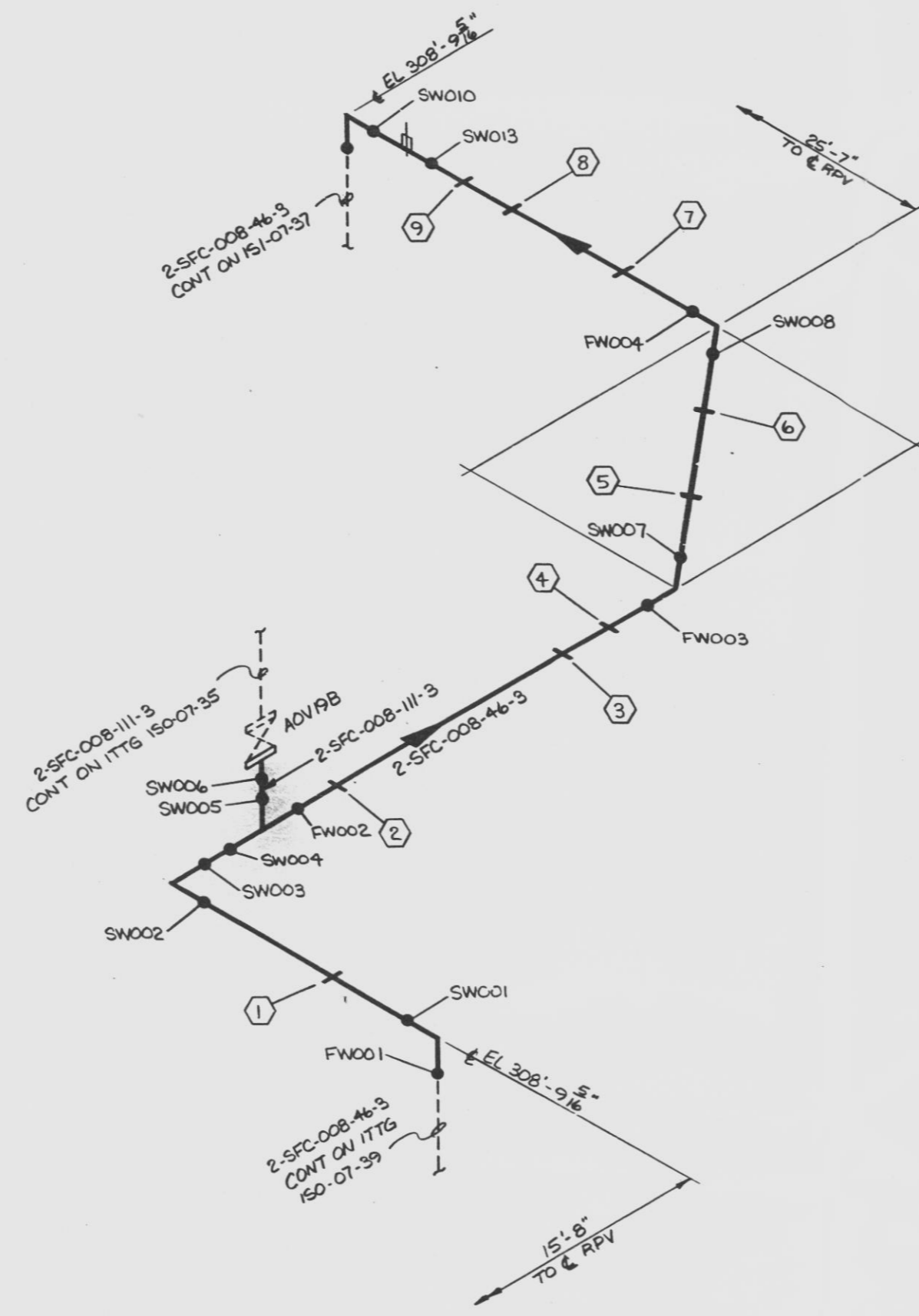
A B C D E F G H

9E-20-ISI



QUAD-SE FL EL 306'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSST406A3	BZ-77KF
2	PSR 408	KH
3	PSST409	KJ
4	PSR 410	KK
5	PSST412	KL
6	PSR 414	KM
7	PSR 417	KN
8	PSR 418	KP
9	PSR 419	KQ
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 07-36-SFC-
 4. ALL SUPPORTS PRECEDED BY 2SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-36-J
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SFC*

APERTURE CARD

CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO./MF DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO./MF DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	APPROVED	ACCOUNT NUMBER 317.30-0991-190000-5014	NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM	ORIGINAL ISSUE DATE 2-9-88	FILE INDEX	DRAWING NUMBER ISI-07-36	SHEET NUMBER

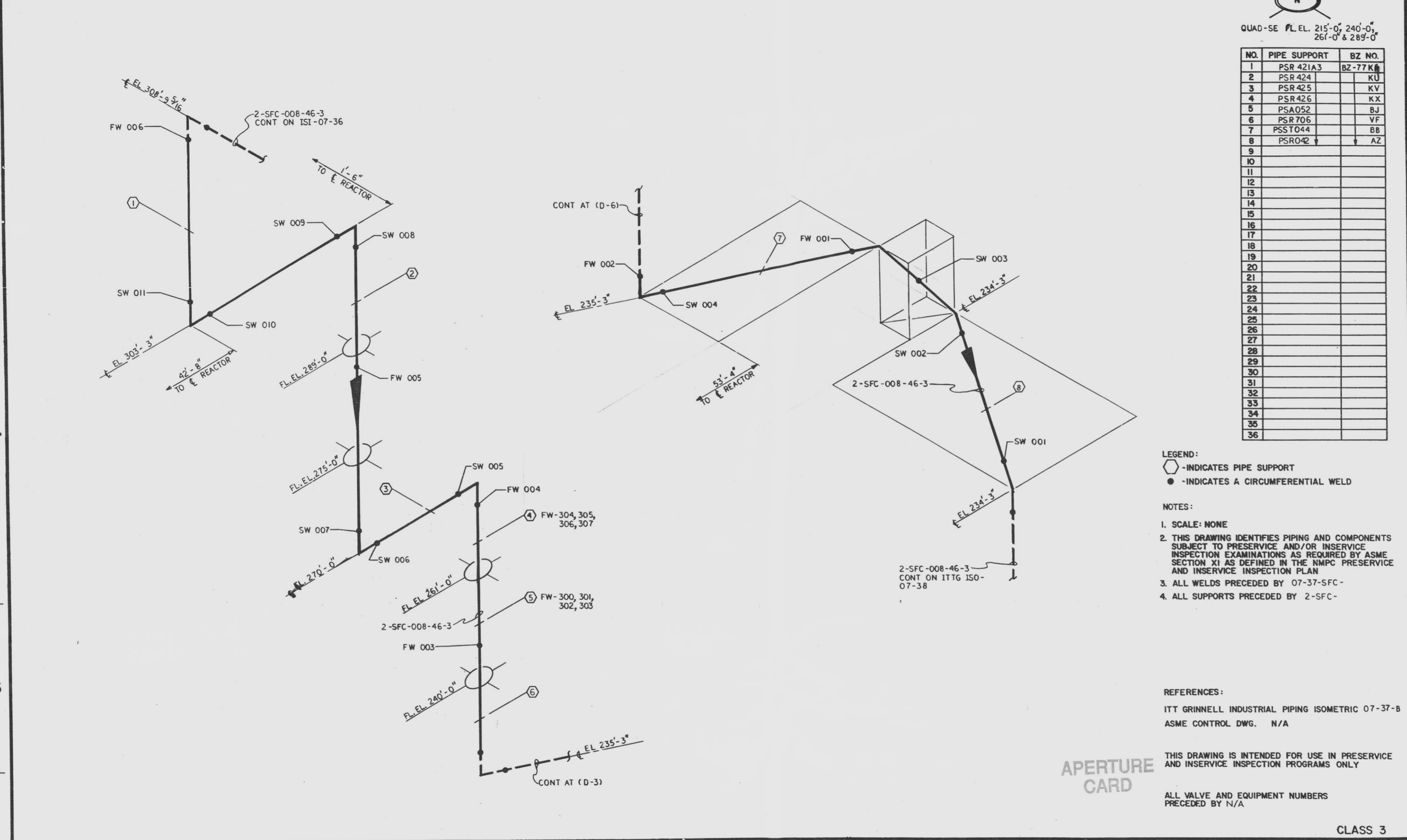


D
9808130044-69

A B C D E F G H

A I B I C I D I E I F I G I H

2E-20-ISI
DRAWING



QUAD-SE PL. EL. 215'-0", 240'-0",
261'-0" & 289'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSR 421A3	BZ-77K
2	PSR 424	KU
3	PSR 425	KV
4	PSR 426	KX
5	PSA052	BJ
6	PSR 706	VF
7	PSST044	BB
8	PSR042	AZ
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 07-37-SFC -
 4. ALL SUPPORTS PRECEDED BY 2-SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-37-B
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	APPROVED	ACCOUNT NUMBER	317.30-0991-190000-5014	NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM	ORIGINAL ISSUE DATE	2-9-88	FILE INDEX	DRAWING NUMBER	ISI-07-37	SHEET NUMBER

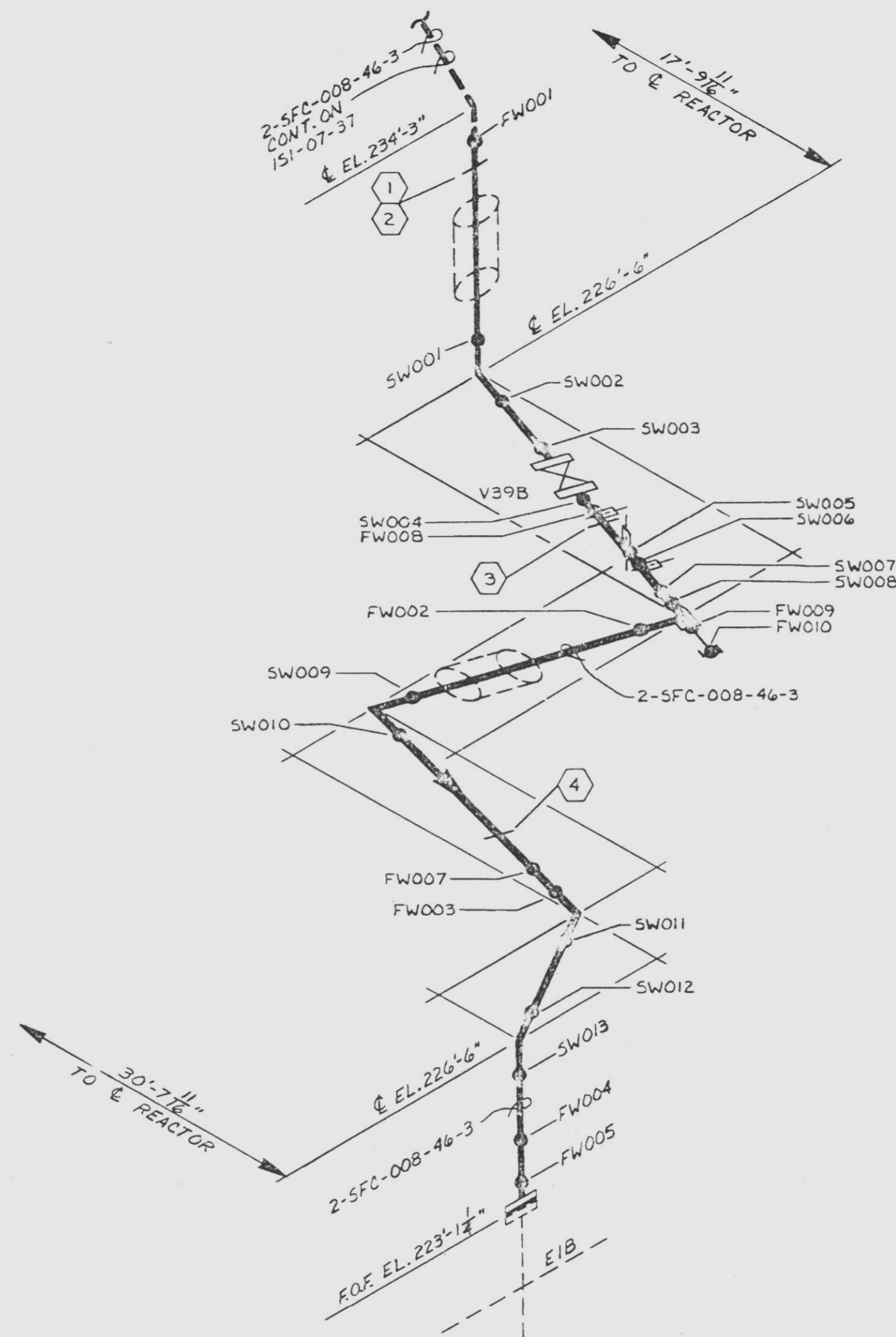
APERTURE CARD

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9808130044-70

A I B I C I D I E I F I G I H



NO.	PIPE SUPPORT	BZ NO.
1	PSST038A3	BZ-77AW
2	PSST039A3	BZ-77AW
3	PSSH033A3	BZ-77AR
4	PSST029A3	BZ-77AM
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:
- SCALE: NONE
 - THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 - ALL WELDS PRECEDED BY 2SFC-07-38
 - ALL SUPPORTS PRECEDED BY 2 SFC

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-38-M
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2 SFC

ORIGINAL
 CLASS 3

APERTURE CARD

	NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.
	ISI WELD AND COMPONENT IDENTIFICATION DIAGRAM
SCALE: NONE	DRAWING NO: ISI-07-38

NO.	REV.	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR
1	6-28-97		REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, REF. EDC 2510132A INCORPORATES NEW BORDER, REDRAWN ON CADD								

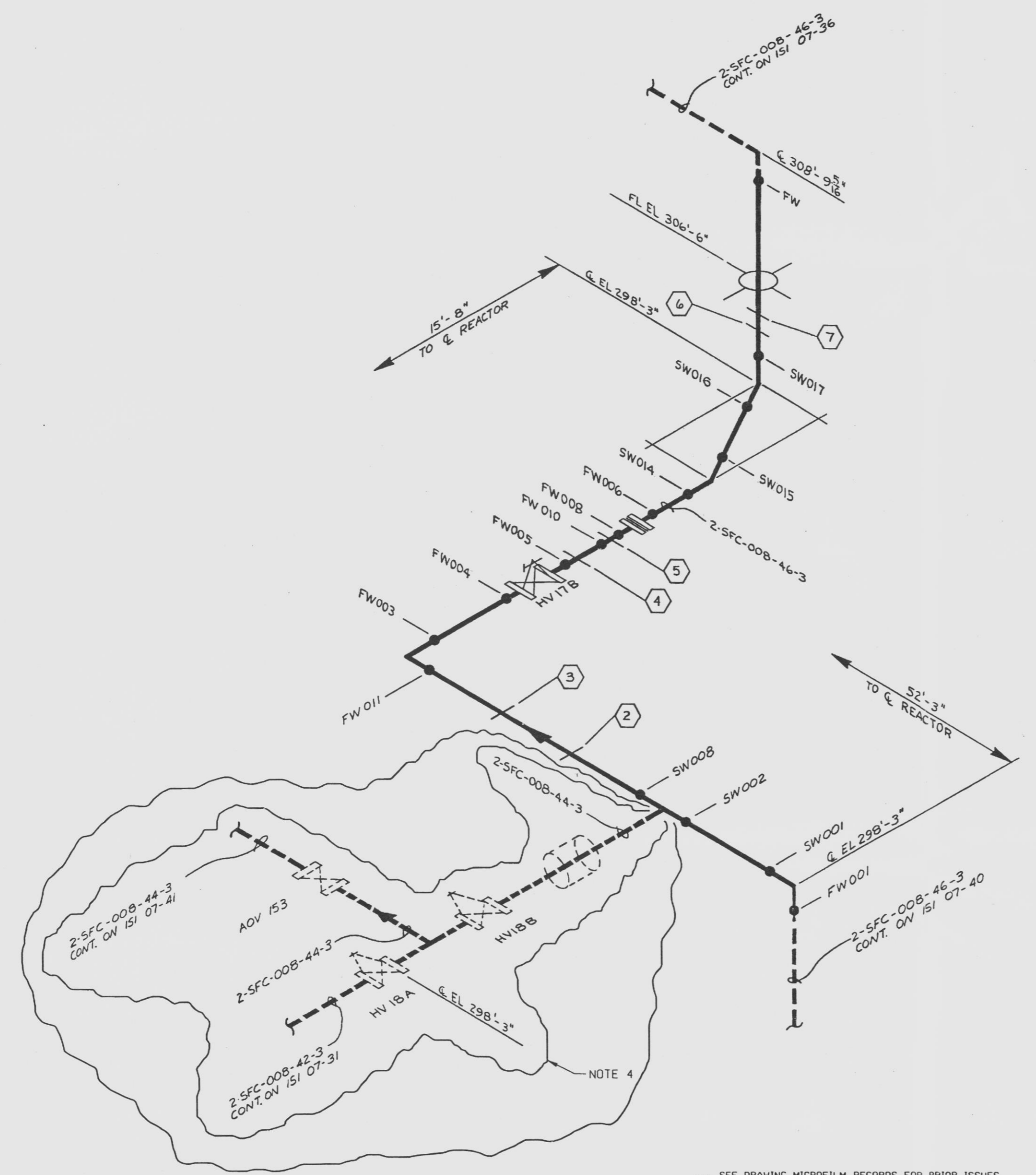
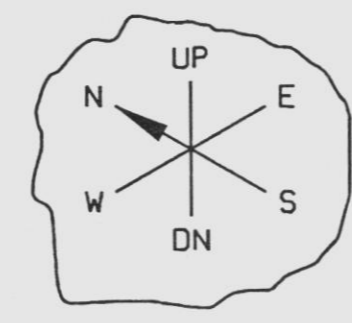


TAMERAN

A | B | C | D

QUAD-SE & SW FL. EL. 289' & 306'

NO.	PIPE SUPPORT	BZ NO.
1		
2	2SFC-PSR716A3	BZ-77KB
3	2SFC-PSST403A3	BZ-77KC
4	2SFC-PSST404A3	BZ-77KD
5	2SFC-PSST405A3	BZ-77KE
6	2SFC-PSST518A3	BZ-77NC
7	2SFC-PSST511A3	BZ-77MW
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2SFC-07-39
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SFC* UNLESS SHOWN OTHERWISE.
 4. EXEMPT PER IWD-1220.2

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-31-J

ORIGINAL

CLASS 3

APERTURE CARD

NIAGARA MOHAWK
 NINE MILE POINT NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-07-39

THIS DRAWING WAS PRODUCED ELECTRONICALLY. SEE THE DRAWING FOR DIMENSIONS AND TOLERANCES.

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	2-10-98	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, ENGINEERING ENHANCEMENT REDRAWN ON CADD																						

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES



TAMERAN

9808130044-72

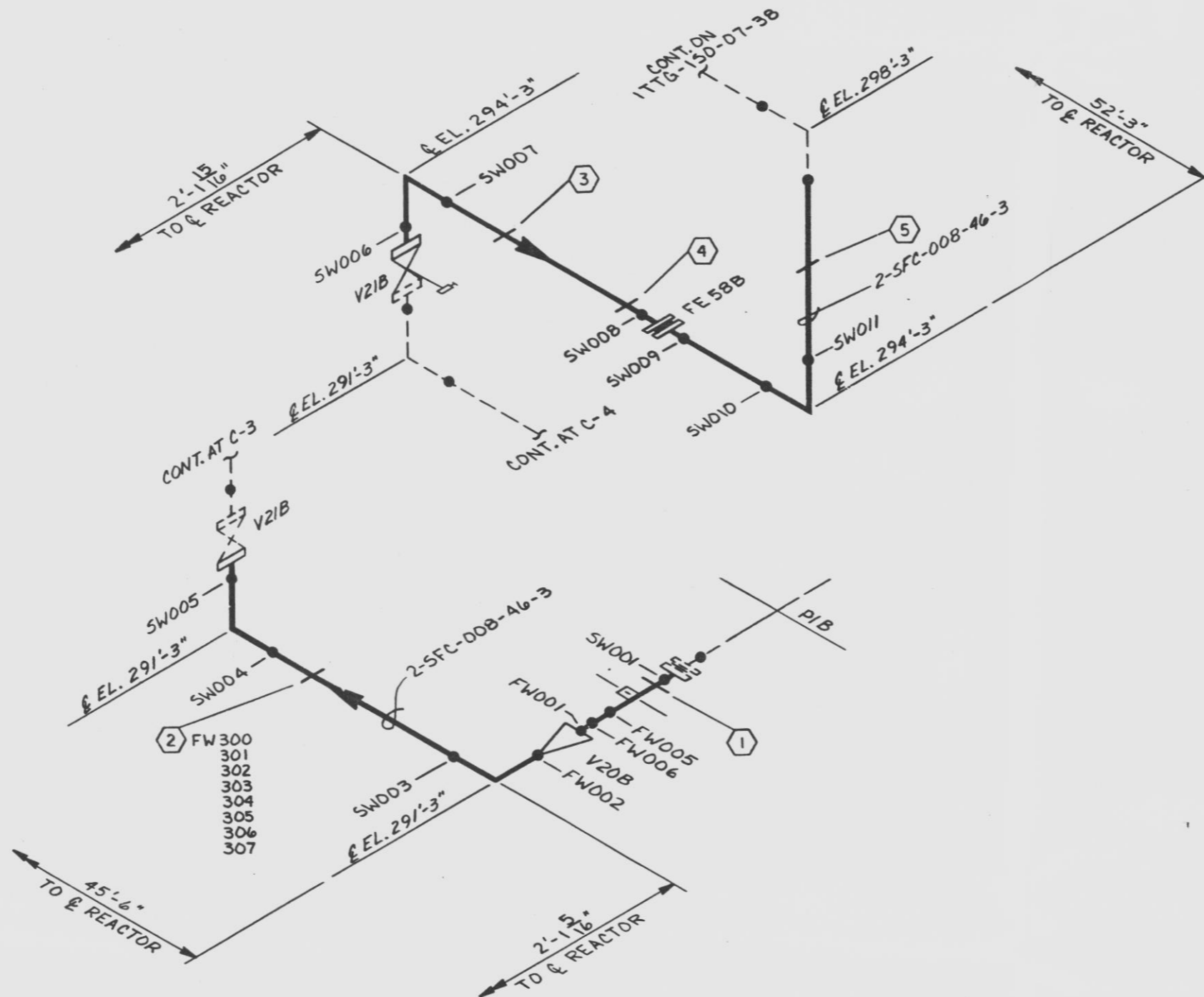
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A | B | C | D | E | F | G | H

07-07-ISI
DRAWING NUMBER
REVISION SHEET



NO.	PIPE SUPPORT	BZ NO.
1	P55H 396 A3	BZ-77 JW
2	PSR 713	VL
3	399	JY
4	400	JZ
5	P55T 401	KA
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 07-40-SFC-
 4. ALL SUPPORTS PRECEDED BY 2-SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-40-J
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

APERTURE CARD ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2-SFC*

CLASS 3

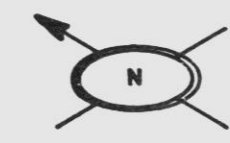
DES. APPROVED 1-9-88		NINE MILE POINT UNIT 2	ORIGINAL ISSUE DATE 2-9-88
DR. KAJ APPROVED 1-9-88		WELD AND COMPONENT	FILE INDEX
CK. BAI APPROVED		IDENTIFICATION DIAGRAM	DRAWING NUMBER ISI-07-40
APPROVED	ACCOUNT NUMBER 317.30-0991-190000-5014		SHEET NUMBER

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9808130044-73
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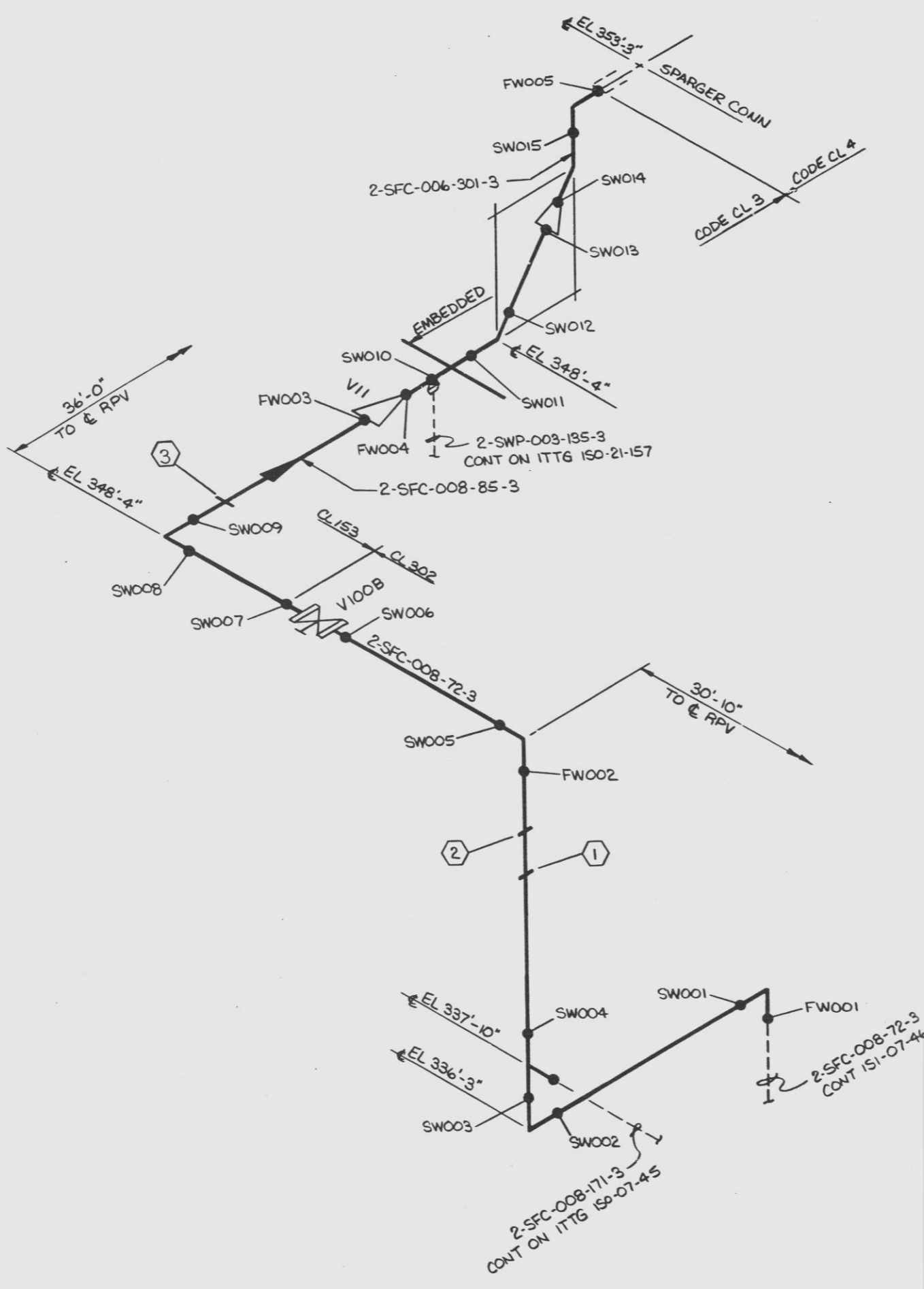
A B C D E F G H

1
DRAWING NUMBER
ISI-07-44



QUAD-NW FL EL 328'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSST 505 A3	BZ-77MQ
2	PSST 504	MQ
3	PSR 507	MS
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LEGEND:

- - INDICATES PIPE SUPPORT
- - INDICATES A CIRCUMFERENTIAL WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 07-44-SFC-
4. ALL SUPPORTS PRECEDED BY 2SFC

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-44-G
ASME CONTROL DWG. N/A

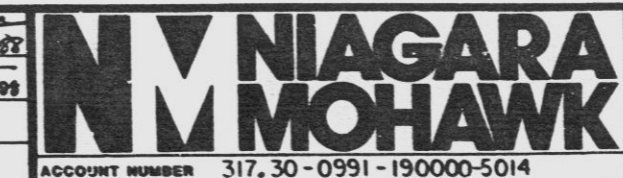
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SFC*

APERTURE CARD

CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO. MY DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO. MY DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	DES.	APPROVED 2-9-88	NINE MILE POINT UNIT 2	ORIGINAL ISSUE DATE 2-9-86
													APPROVED 1-9-88	WELD AND COMPONENT	FILE INDEX
													APPROVED	IDENTIFICATION DIAGRAM	DRAWING NUMBER ISI-07-44
													APPROVED	SHEET NUMBER	



ACCOUNT NUMBER 317.30-0991-190000-5014

9808130044-74

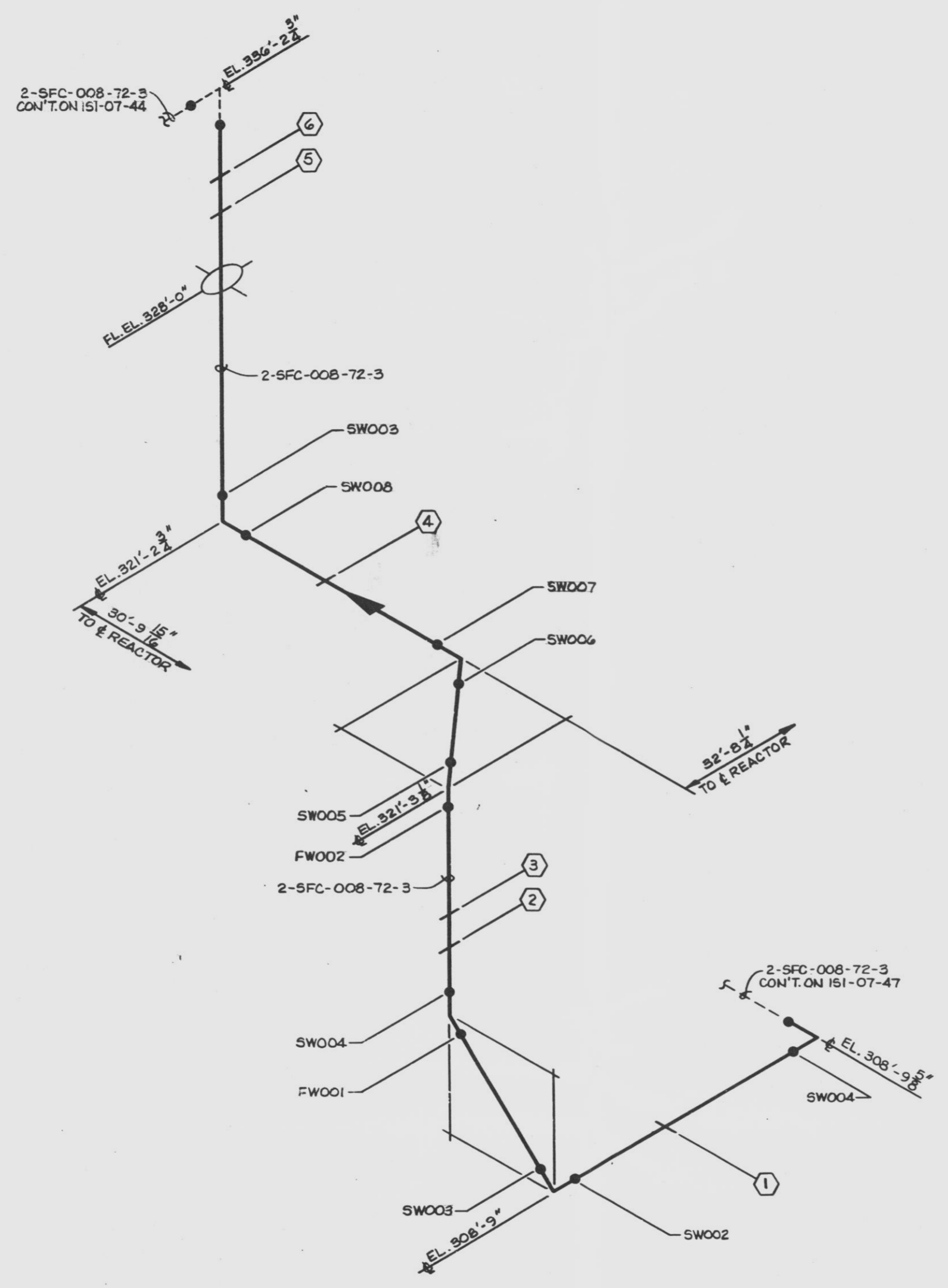
D

A B C D E F G H

97-20-151
DRAWING NUMBER

QUAD-NW FL.EL. 306'-0"
315'-0"; 328'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSR493A3	BZ-77MG
2	PSST494A3	MH
3	PSST495A3	MH
4	PSST496A3	MJ
5	PSST497A3	MK
6	PSST498A3	MK
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 07-46-SFC
 4. ALL SUPPORTS PRECEDED BY 2-SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-46-D
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

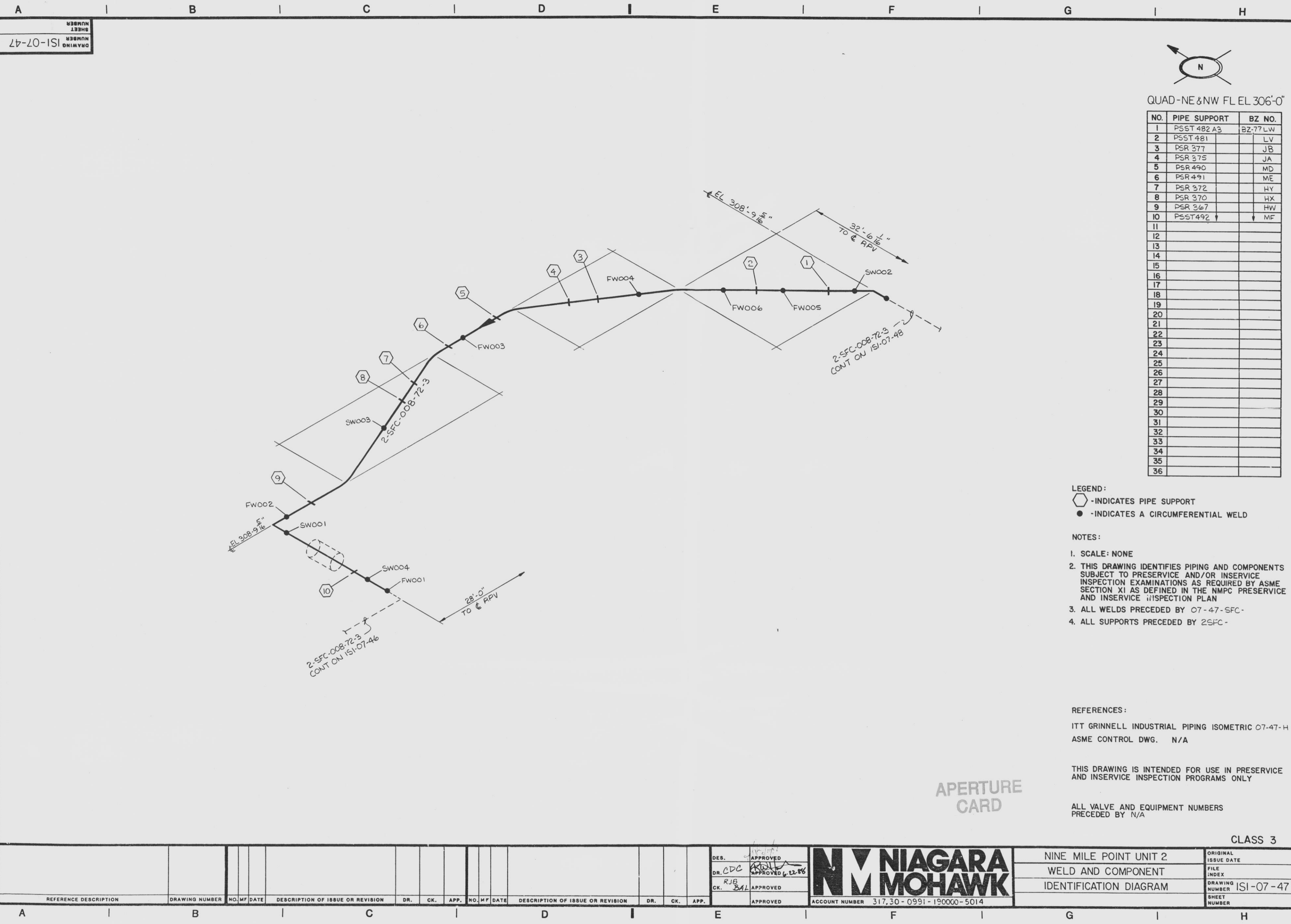
ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

APERTURE CARD

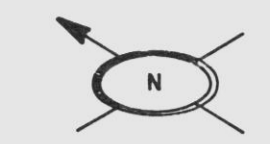
CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	MF	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO.	MF	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	APPROVED	ACCOUNT NUMBER	317.30-0991-190000-5014	NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM	ORIGINAL ISSUE DATE	2-9-88	FILE INDEX	DRAWING NUMBER	ISI-07-46	SHEET NUMBER

9808130044-75
D



DRAWING NUMBER
ISI-07-47



QUAD-NE & NW FL EL 306'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSST 482 A3	BZ-77LW
2	PSST 481	LV
3	PSR 377	JB
4	PSR 375	JA
5	PSR 490	MD
6	PSR 491	ME
7	PSR 372	HY
8	PSR 370	HX
9	PSR 367	HW
10	PSST492	MF
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- LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD
- NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 07-47-SFC-
 4. ALL SUPPORTS PRECEDED BY 2SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-47-H
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

APERTURE CARD

CLASS 3

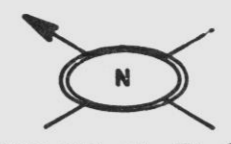
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9808130044-76
 D

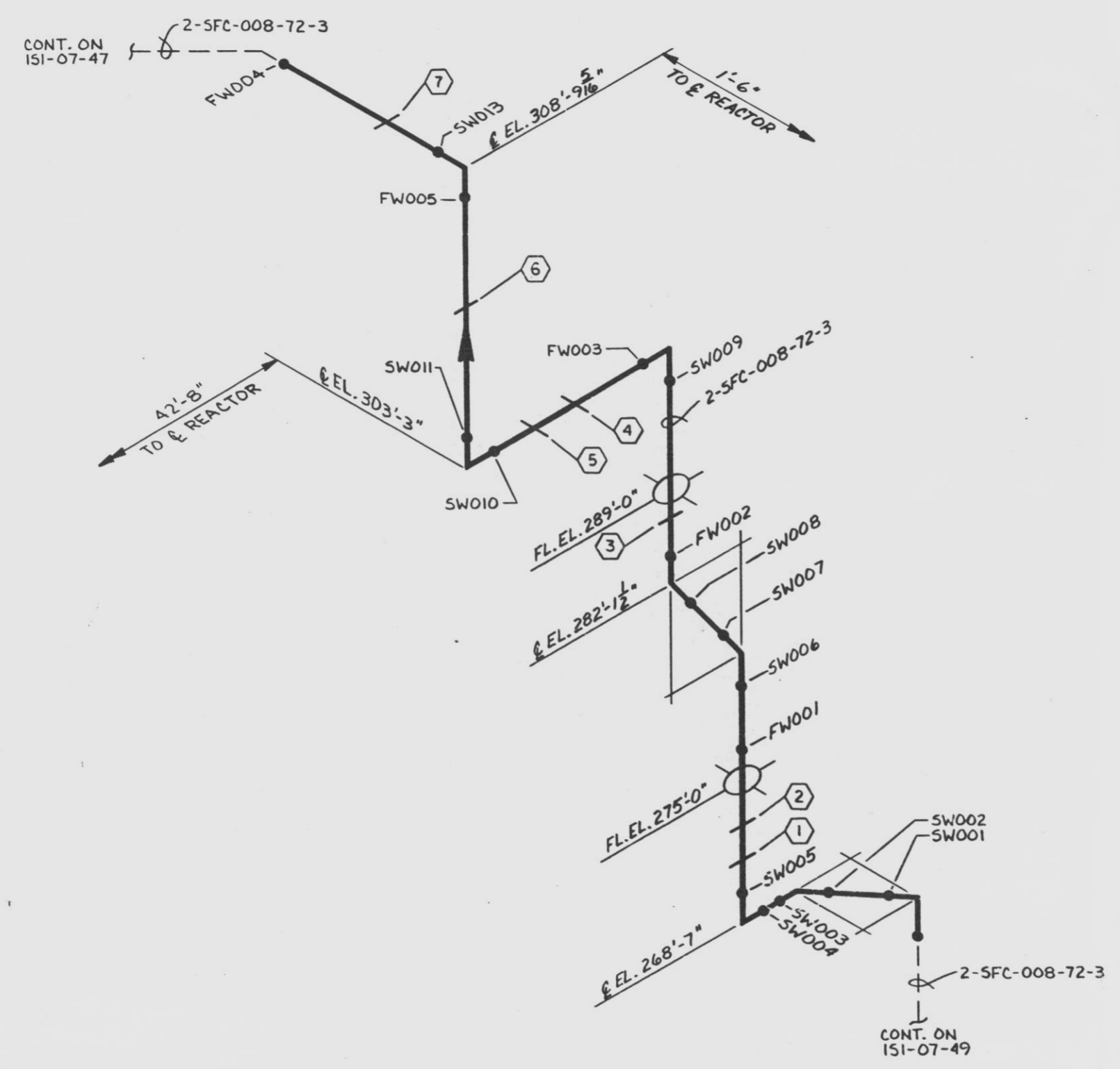
A B C D E F G H

87-07-48
DRAWING NUMBER
SUBJECT



QUAD-NE FL EL 261'-0", 275'-0",
289'-0", AND 306'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSST 488 A3	BZ-77 MC
2	PSST 489	MC
3	PSR 487	MB
4	PSSH 508	MT
5	PSSP 486	MA
6	PSR 485	LZ
7	PSSH 484	LY
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LEGEND:

- - INDICATES PIPE SUPPORT
- - INDICATES A CIRCUMFERENTIAL WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 07-48-SFC-
4. ALL SUPPORTS PRECEDED BY 2-SFC-

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-48-C
ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

APERTURE
CARD

CLASS 3

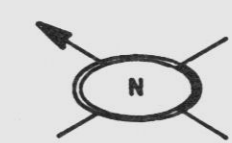
DES. KAJ APPROVED 2-9-88										NINE MILE POINT UNIT 2		ORIGINAL ISSUE DATE 2-9-88	
DR. RJB APPROVED										WELD AND COMPONENT		FILE INDEX	
CK. BML APPROVED										IDENTIFICATION DIAGRAM		DRAWING NUMBER ISI-07-48	
ACCOUNT NUMBER 317.30-0991-190000-5014										SHEET NUMBER			

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9808/30044-77

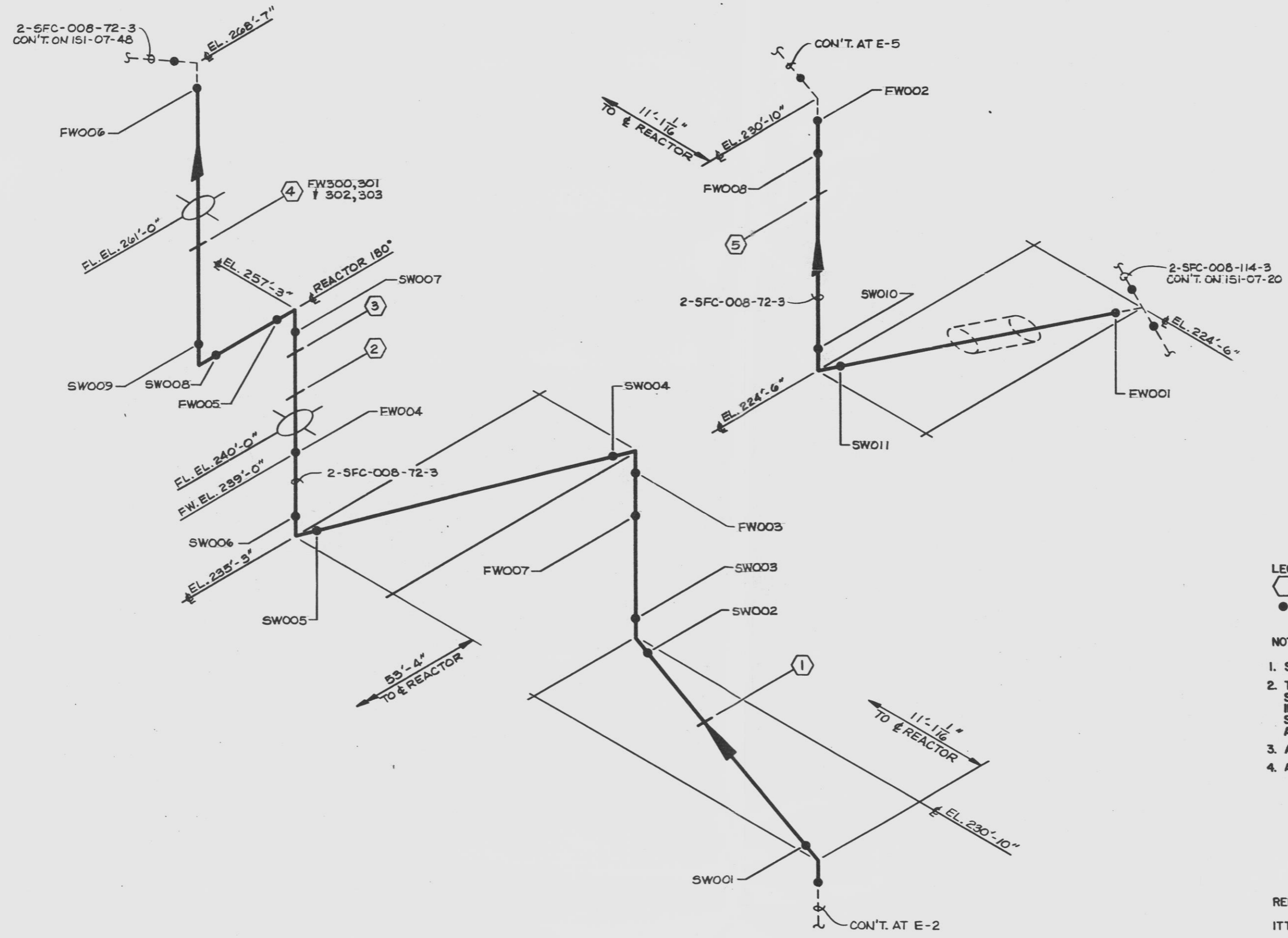
D

67-20-1SI



QUAD-SE FL. EL. 215'-0", 240'-0", 261'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSST261A3	BZ-77DP
2	PSST264A3	DR
3	PSST263A3	DR
4	PSA245A3	DA
5	PSR260A3	DN
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:
- SCALE: NONE
 - THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPIC PRESERVICE AND INSERVICE INSPECTION PLAN
 - ALL WELDS PRECEDED BY 07-49-SFC
 - ALL SUPPORTS PRECEDED BY 2SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-49-K
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

APERTURE CARD

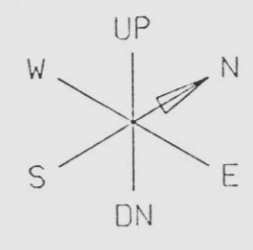
CLASS 3

DES. APPROVED 2-9-88		NINE MILE POINT UNIT 2	ORIGINAL ISSUE DATE 2-9-88
DR. TSA APPROVED 2-9-88		WELD AND COMPONENT	FILE INDEX
CK. RJB APPROVED		IDENTIFICATION DIAGRAM	DRAWING NUMBER ISI-07-49
APPROVED		ACCOUNT NUMBER 317.30-0991-190000-5014	SHEET NUMBER

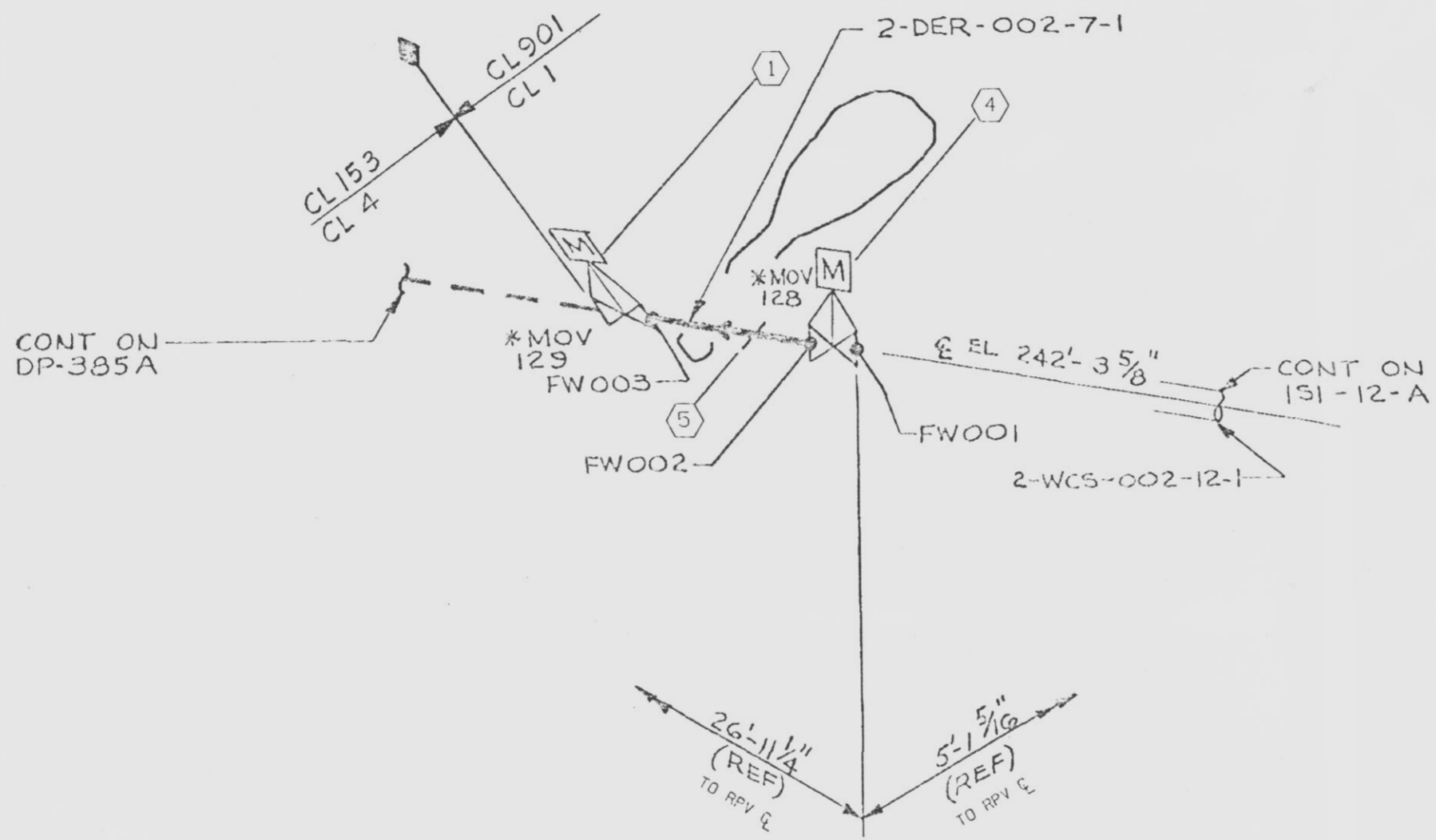
980813 0044-78

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A B C D



NO.	PIPE SUPPORT	BZ NO.
1	2DER-PSSP1433A1	BZ-85CP
2		
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4	2DER-PSSP1434A1	BZ-85CQ
5	2DER-PSSH1437A1	BZ-85CT
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LEGEND

- - INDICATES PIPE SUPPORT
- ⊙ - INDICATES NON-EXEMPT WELD

NOTES:

- THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
- ALL WELDS PRECEDED BY 2DER-07A
- ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2DER• UNLESS SHOWN OTHERWISE.

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A

ORIGINAL

CLASS 1

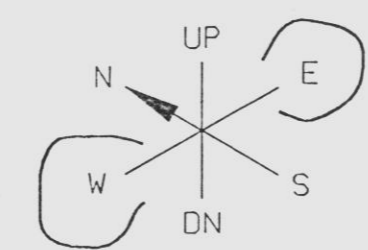
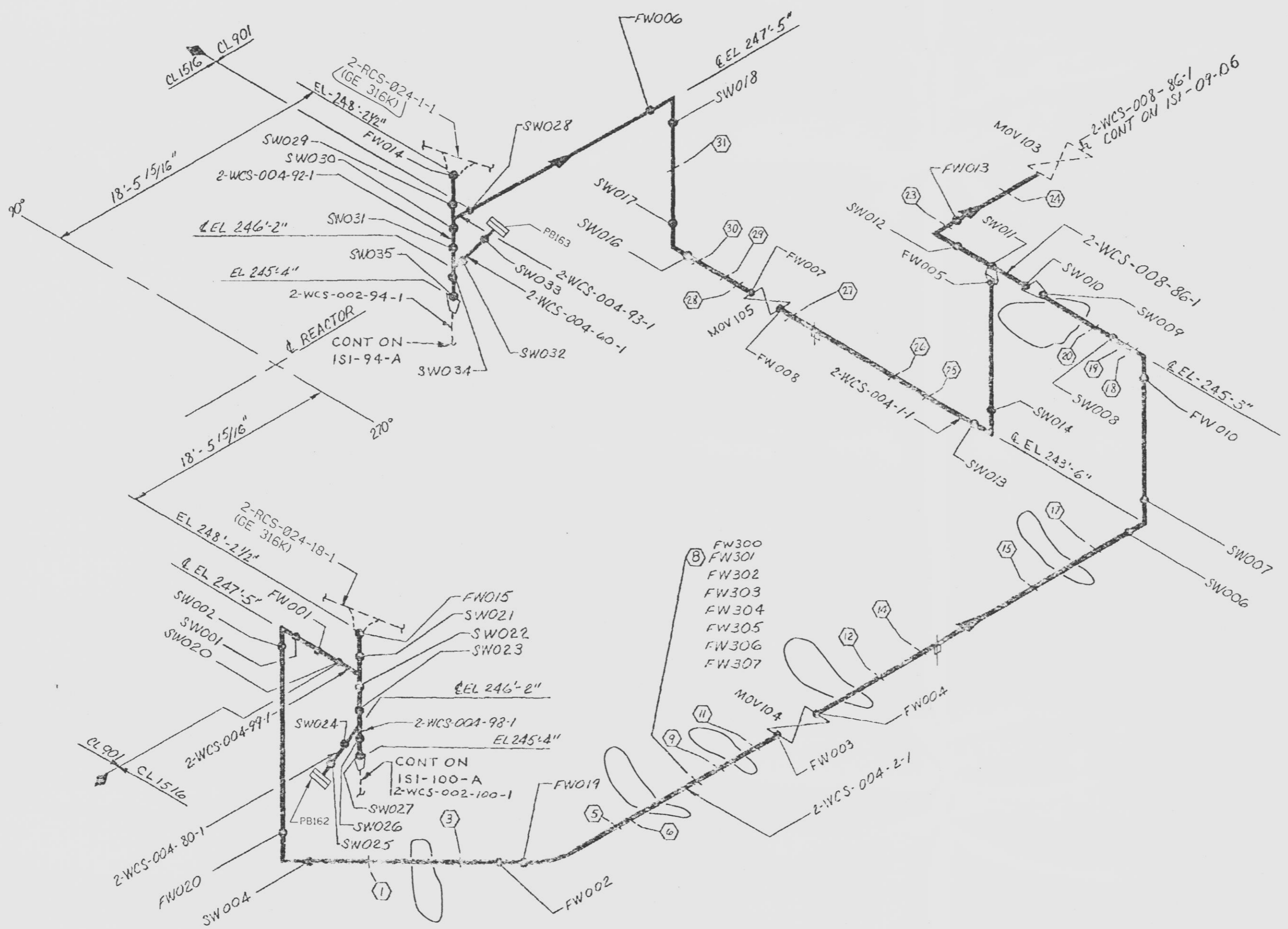
APERTURE CARD

NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.
 ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING
 SCALE: NONE DRAWING NO: ISI-07-A

NO.	REV.	DATE	DESCRIPTION OF REVISION	W.D.	DFT	DRS	CHKD	ENG	ISI	PIPE	MECH	STR	MR	REV	DATE	DESCRIPTION OF REVISION	W.D.	DFT	DRS	CHKD	ENG	ISI	PIPE	MECH	STR
3	6-24-97		REVISED FOR 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE REFERENCE CDC 2510433																						
2	11-2-92		REVISED FOR ISI PLAN UPDATE REDRAWN ON CAD																						

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

98083004-79
D



NO.	PIPE SUPPORT	BZ NO.
1	2WCS-PSS1626A1	BZ-74HJ
2		
3	2WCS-PSSH625A1	BZ-74HH
4		
5	2WCS-PSSP623A1	BZ-74HF
6	2WCS-PSSP622A1	BZ-74HE
7		
8	2WCS-PSS1569A1	BZ-74EZ
9	2WCS-PSS1620A1	BZ-74HC
10		
11	2WCS-PSSP618A1	BZ-74HA
12	2WCS-PSSP617A1	BZ-74GZ
13		
14	2WCS-PSS1615A1	BZ-74GX
15	2WCS-PSSP614A1	BZ-74GW
16		
17	2WCS-PSS1612A1	BZ-74GU
18	2WCS-PSS1611A1	BZ-74GT
19	2WCS-PSS1570A1	BZ-74FA
20	2WCS-PSSH610A1	BZ-74GS
21		
22		
23	2WCS-PSR660A1	BZ-74JU
24	2WCS-PSSP562A1	BZ-74ES
25	2WCS-PSSP601A1	BZ-74GH
26	2WCS-PSSH602A1	BZ-74GJ
27	2WCS-PSS1603A1	BZ-74GK
28	2WCS-PSSP604A1	BZ-74GL
29	2WCS-PSSH605A1	BZ-74GM
30	2WCS-PSSP606A1	BZ-74GN
31	2WCS-PSSP607A1	BZ-74GP
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

- THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
- ALL WELDS PRECEDED BY 2WCS-09-05
- ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2WCS UNLESS SHOWN OTHERWISE.

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 09-5-Z

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

APERTURE CARD

CLASS 1

N I M C H A W K NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

NO.	REV.	DATE	DESCRIPTION OF REVISION	W.D.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	W.D.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	
4		12-24-92	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE REFERENCE EDCS 2S10439, 2S10440, 2S10442, 2S10443, 2S10445 & 2S10446	MI											11-2-92	REVISED PER ISI PLAN UPDATE REDRAWN ON CADD										

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

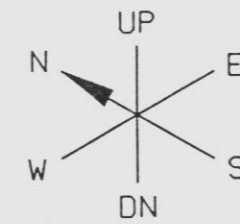
SCALE NONE DRAWING NO ISI-09-05

9808130044-80

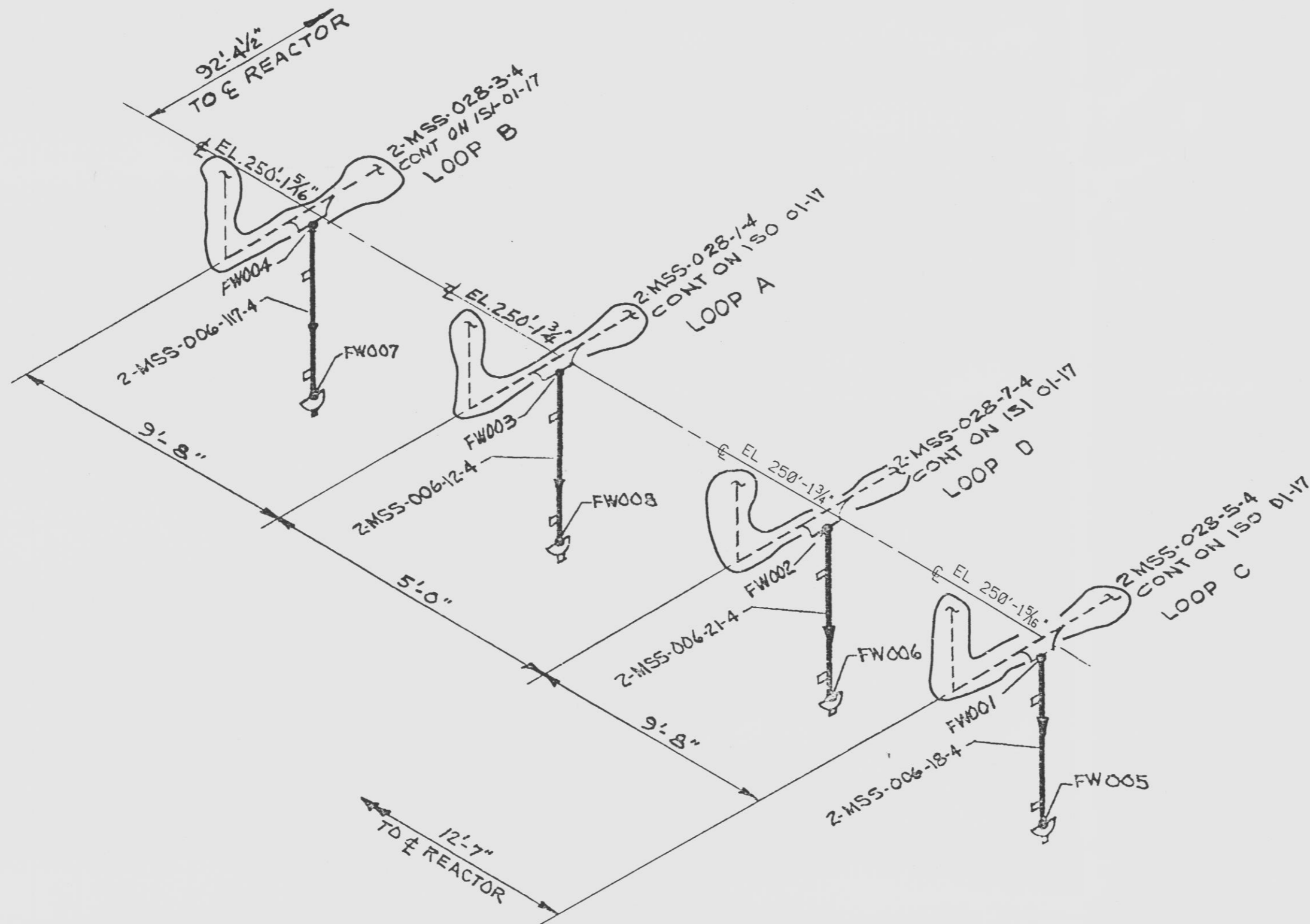
ORIGINAL

TAMERAIN

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NO.	PIPE SUPPORT	BZ NO.
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
2. ALL WELDS PRECEDED BY 2MSS-01-19.
3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS* UNLESS SHOWN OTHERWISE.
4. NO SUPPORTS PROVIDED.

REFERENCES:

- ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-19-E
- ASME CONTROL DWG N/A

ORIGINAL

ASME XI CLASS 2

N I NIAGARA
N I MC HAWK

NINE MILE POINT
NUCLEAR STATION - UNIT 2
SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT
IDENTIFICATION DRAWING
MSS LOOP A, B, C, D DRAINS

SCALE NONE DRAWING NO ISI-01-19

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

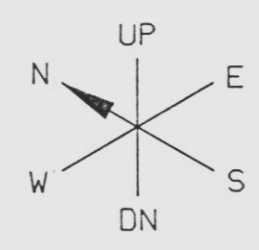
MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	2	6-24-47	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE																					

△ A B A 0 A B C

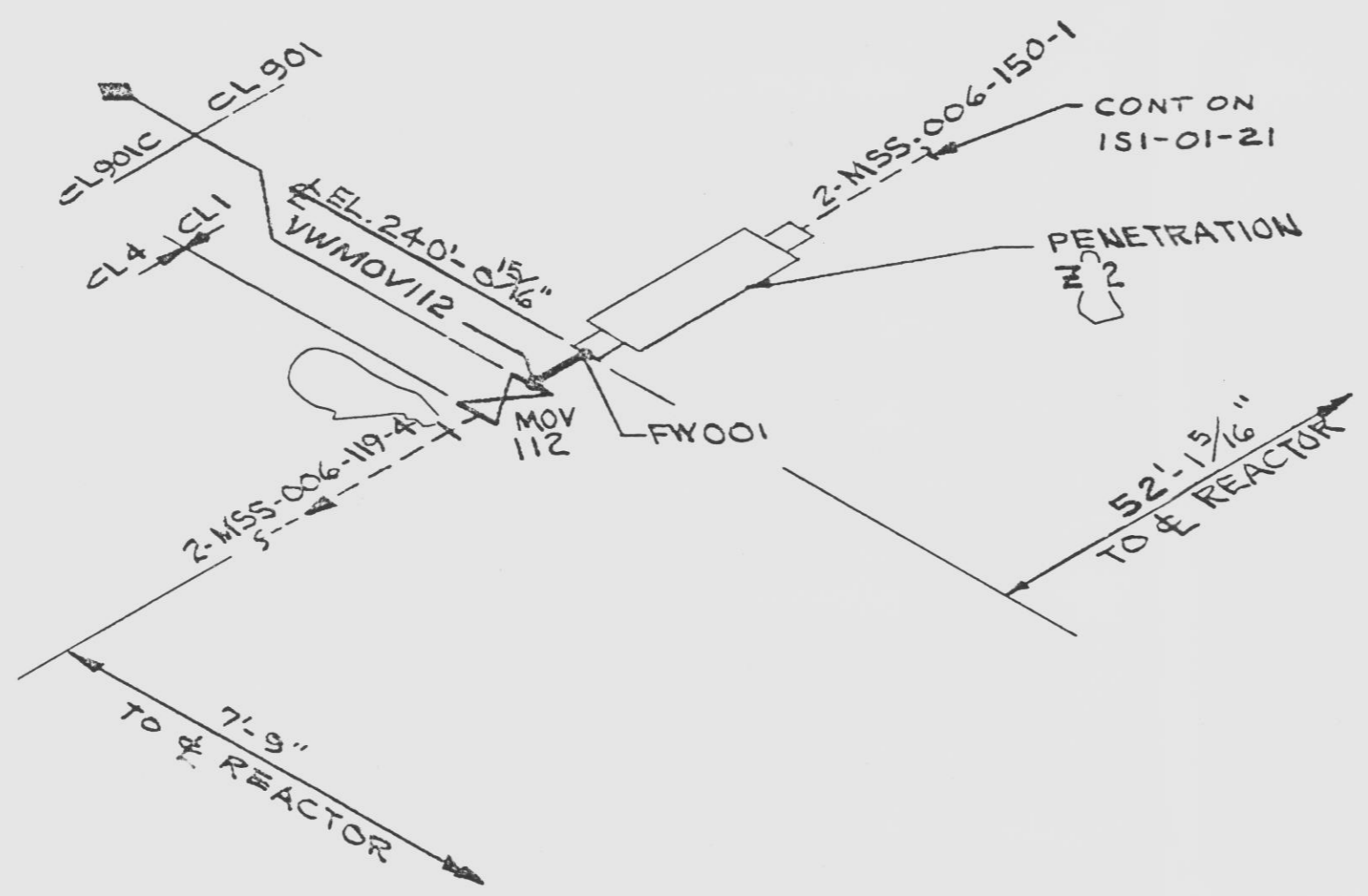
TAMERAN

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

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NO.	PIPE SUPPORT	BZ NO.
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2MSS-01-20.
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS* UNLESS SHOWN OTHERWISE.
 4. NO SUPPORTS PROVIDED ON CLASS 1 PORTION OF PIPING SYSTEM.

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-20-N
 ASME CONTROL DWG N/A

ORIGINAL

CLASS 1

NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

MSS DRAIN HEADER

SCALE NONE DRAWING NO ISI-01-20

APERTURE CARD

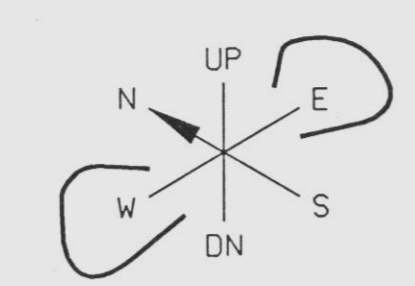
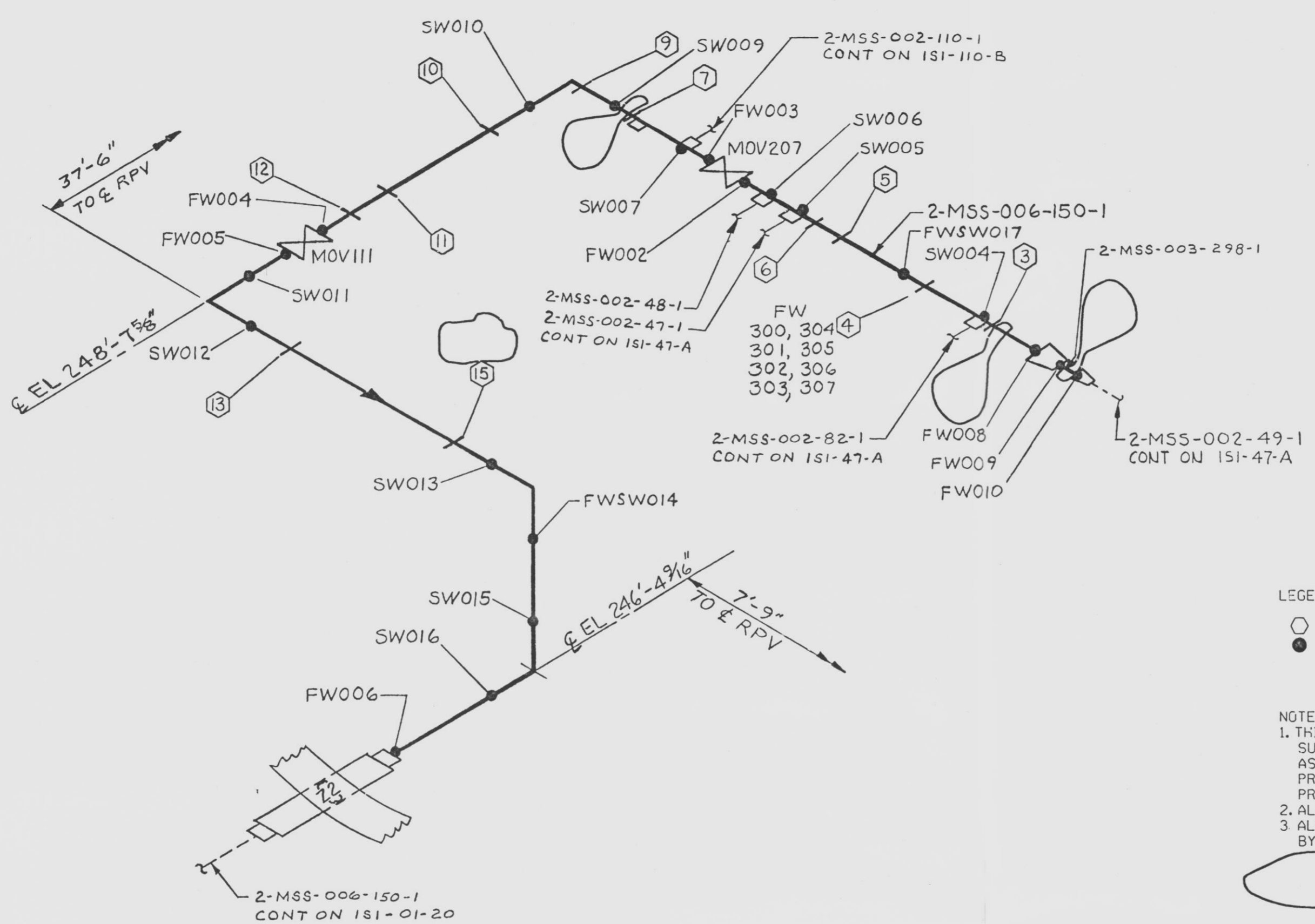
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	2	6-24-97	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE; REMOVED 2MSS-PSR38544 FROM PROGRAM PLAN & THIS DRAWING																						

980813044-82
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TAMERAIN

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.



NO.	PIPE SUPPORT	BZ NO.
1		
2		
3	2MSS-PSR279A1	BZ-139W
4	2MSS-PSST328A1	BZ-139BH
5	2MSS-PSSP264A1	BZ-139H
6	2MSS-PSR278A1	BZ-139BK
7	2MSS-PSR277A1	BZ-139U
8		
9	2MSS-PSSP284A1	BZ-139AC
10	2MSS-PSST272A1	BZ-139P
11	2MSS-PSSP283A1	BZ-139AB
12	2MSS-PSR290A1	BZ-139AG
13	2MSS-PSST273A1	BZ-139Q
14		
15	2MSS-PSST274A1	BZ-139R
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2MSS-01-21.
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS UNLESS SHOWN OTHERWISE.

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-21-K
 ASME CONTROL DWG N/A

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

APERTURE CARD

CLASS 1

NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING
 MSS DRAIN HEADER

SCALE: NONE DRAWING NO: ISI-01-21

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	3	2-24-97	REVISED PER SECOND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, ENGINEERING ENHANCEMENT REFERENCE EDC 2510180																					

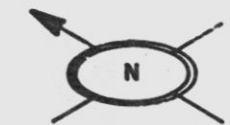
SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

9808130044-83 ORIGINAL

TAMERAN

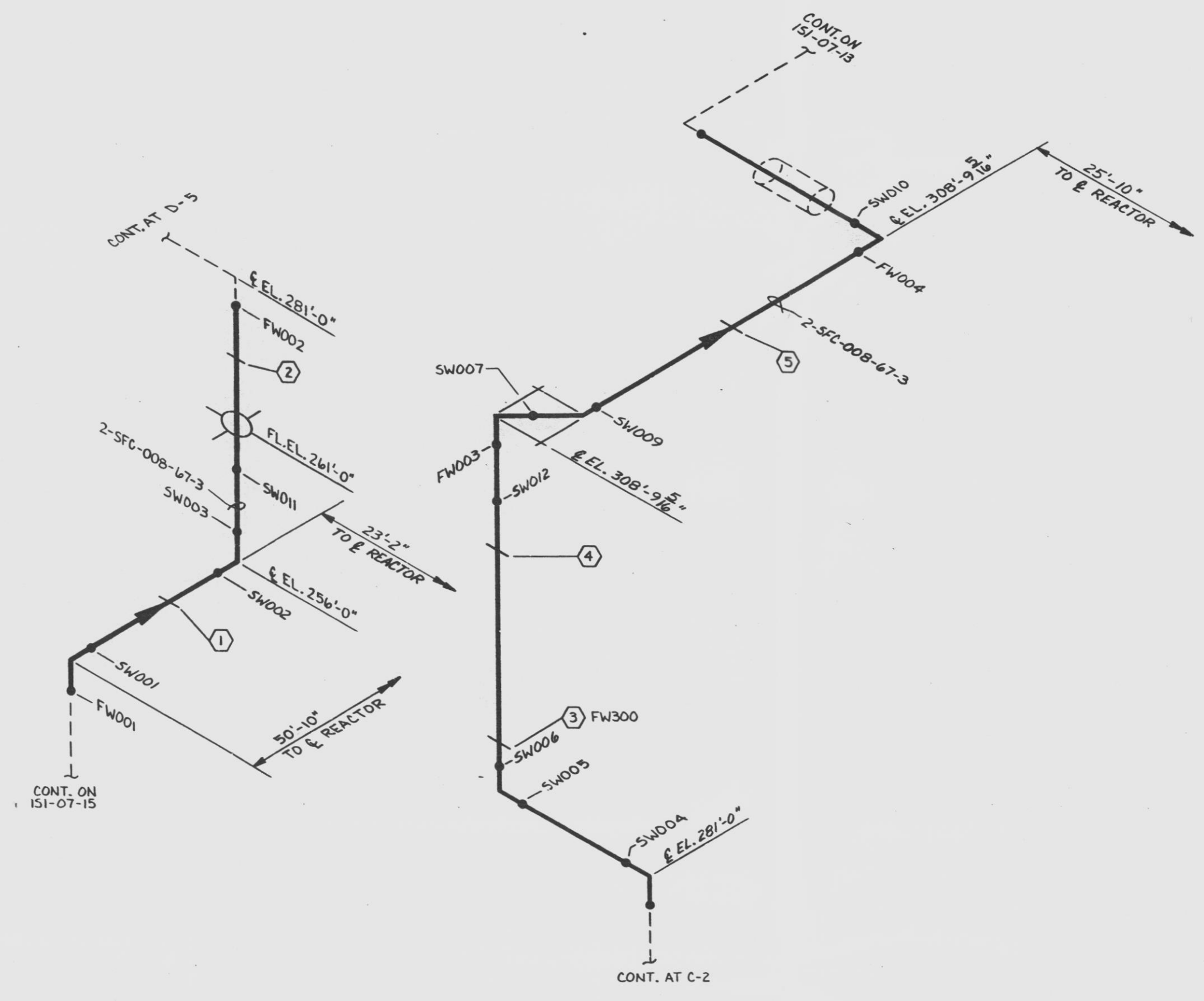
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151-07-14
DRAWING NUMBER
151-07-14



QUAD-NW FL. EL. 240'-0", 261'-0",
289'-0", AND 306'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSR 215 A3	BZ-77 BV
2	PSR 057	BP
3	PSA 058	BQ
4	PSR 359	HR
5	PSR 363	HU
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LEGEND:

- - INDICATES PIPE SUPPORT
- - INDICATES A CIRCUMFERENTIAL WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 07-14-SFC-
4. ALL SUPPORTS PRECEDED BY 2SFC-

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-14-H
ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

APERTURE CARD

CLASS 3

										DER. APPROVED 2-7-88 DR. KAJ APPROVED 1-9-88 CK. BAL APPROVED		NIAGARA MOHAWK ACCOUNT NUMBER 317.30-0991-190000-5014		NINE MILE POINT UNIT 2 WELD AND COMPONENT IDENTIFICATION DIAGRAM		ORIGINAL ISSUE DATE 2-9-88 FILE INDEX DRAWING NUMBER 151-07-14 SHEET NUMBER								
REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	MF	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO.	MF	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	APPROVED	ACCOUNT NUMBER	UNIT	COMPONENT	IDENTIFICATION DIAGRAM	ORIGINAL ISSUE DATE	FILE INDEX	DRAWING NUMBER	SHEET NUMBER

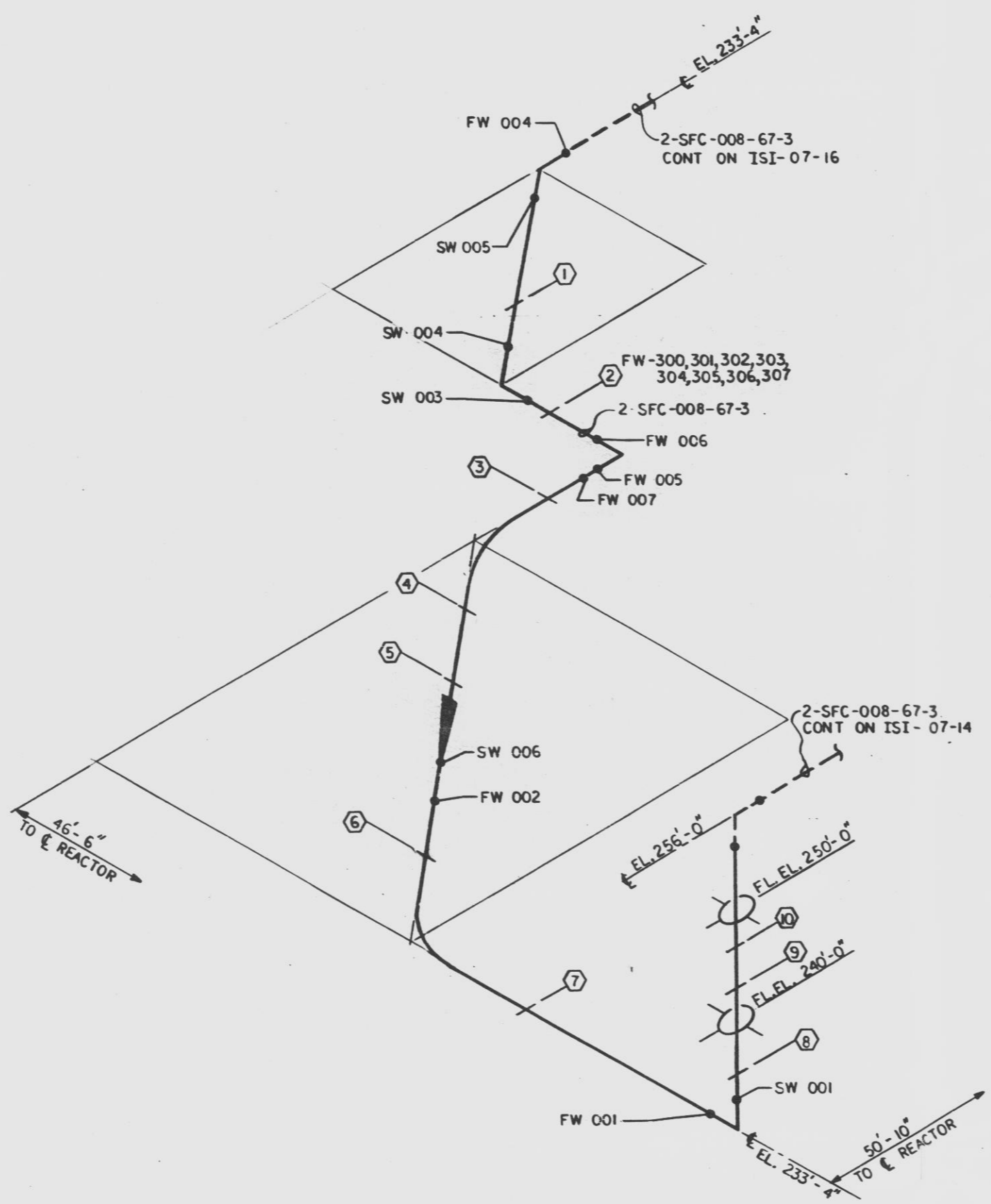
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9808130044-86
D

SI-20-ISI

QUAD-NW F.L. EL. 215'-0" & 240'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSST031A3	BZ-77AP
2	PSR027A3	BZ-77AK
3	PSR026A3	BZ-77AJ
4	PSST025A3	BZ-77AH
5	ST024A3	BZ-77AG
6	ST023A3	BZ-77AF
7	ST021A3	BZ-77AD
8	ST022A3	BZ-77AE
9	ST055A3	BZ-77BM
10	ST056A3	BZ-77BN
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:

- SCALE: NONE
- THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
- ALL WELDS PRECEDED BY 07-15-SFC-
- ALL SUPPORTS PRECEDED BY 2SFC-

REFERENCES:

ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-15-J
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

APERTURE CARD

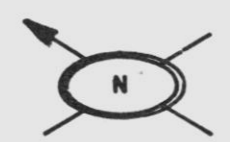
CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	MP	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO.	MP	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	APPROVED	ACCOUNT NUMBER 317.30-0991-190000-5014	NINE MILE POINT UNIT 2	ORIGINAL ISSUE DATE 2-9-88
																		WELD AND COMPONENT IDENTIFICATION DIAGRAM	FILE INDEX
																			DRAWING NUMBER ISI-07-15
																			SHEET NUMBER

9808130044-87
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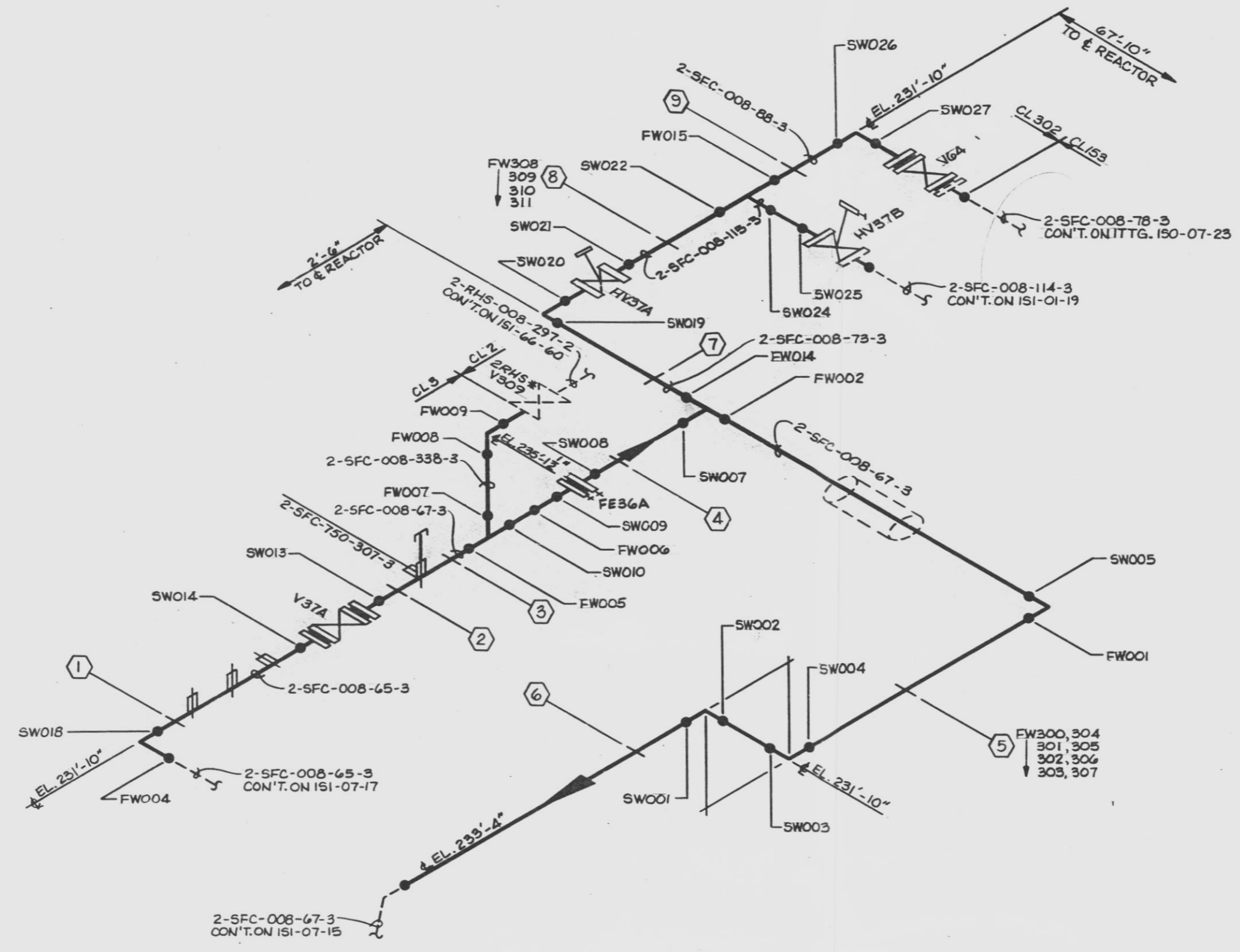
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91-20-ISI



QUAD-NW & NE FLEL.215'-0"

NO.	PIPE SUPPRT	BZ NO.
1	PSST037A3	8Z-77AV
2	PSST043A3	-77BA
3	PSST047A3	-77BE
4	PSRO41A3	-77AY
5	PSRO36A3	-77AU
6	PSST034A3	-77AS
7	PSST220A3	-77BZ
8	PSA216A3	-77BW
9	PSST001A3	-77H
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

NOTES:
 1. SCALE: NONE
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 3. ALL WELDS PRECEDED BY 07-16-SFC-
 4. ALL SUPPORTS PRECEDED BY 2-SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-16-R
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SFC* UNLESS OTHERWISE NOTED

APERTURE CARD

CLASS 3

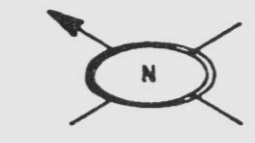
DES. APPROVED 2-9-88												NINE MILE POINT UNIT 2		ORIGINAL ISSUE DATE 2-9-88		
DR. TSA APPROVED 2-9-88												WELD AND COMPONENT		FILE INDEX		
CR. BAL APPROVED										ACCOUNT NUMBER 317.30-0991-190000-5014		IDENTIFICATION DIAGRAM		DRAWING NUMBER ISI-07-16		
REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	MP	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO.	MP	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	SHEET NUMBER

980 8130044-88

①

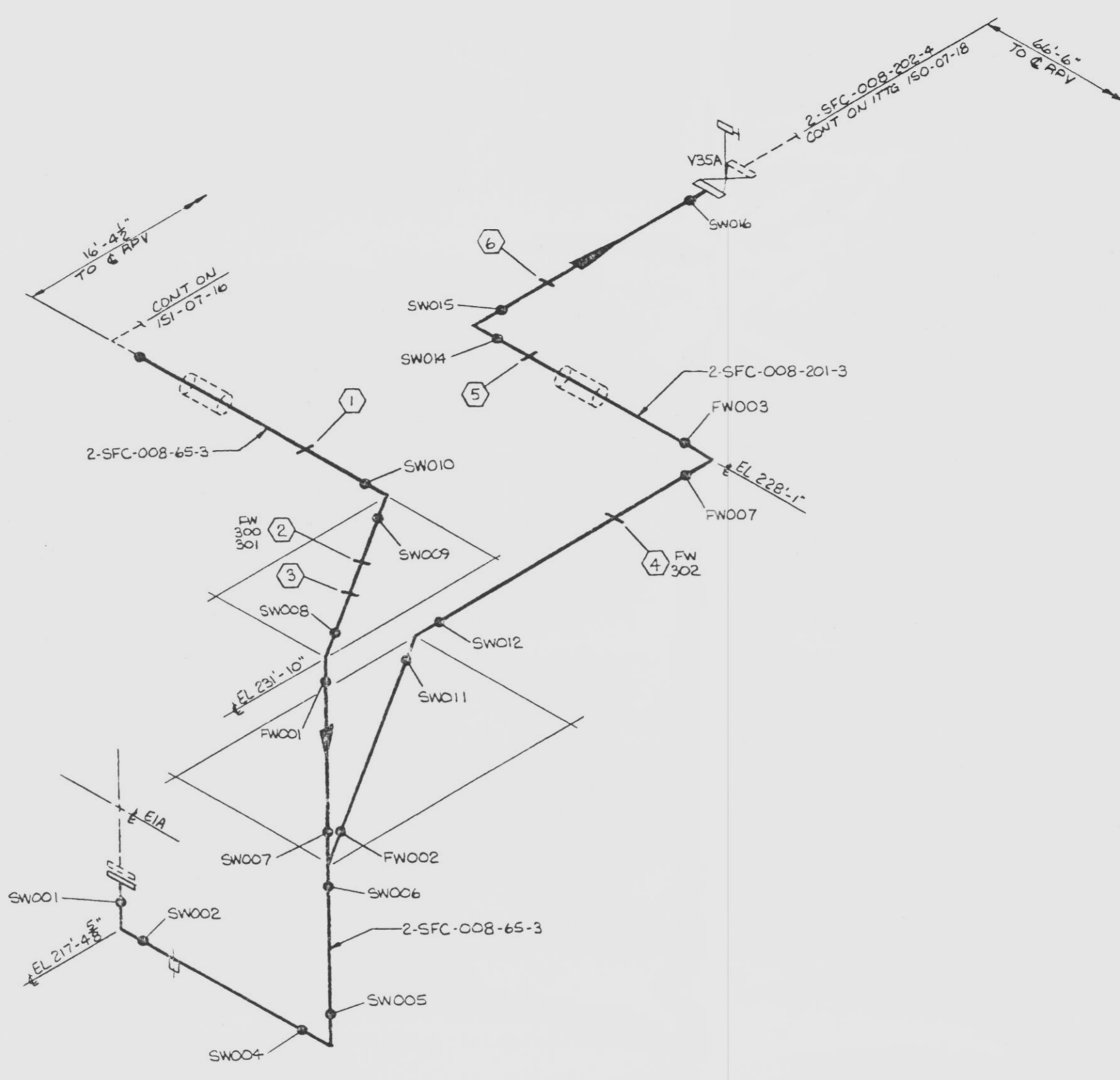
A B C D E F G H

A B C D



QUAD-NW FLEL 215'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSST032A3	BZ-77AQ
2	PSST030A3	BZ-77AN
3	PSSH028A3	BZ-77AL
4	PSA212A3	BZ-77BS
5	PSR267A3	BZ-77DY
6	PSR268A3	BZ-77DZ
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:
- SCALE: NONE
 - THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
 - ALL WELDS PRECEDED BY 2SFC-07-17
 - ALL SUPPORTS PRECEDED BY 2SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-17-K
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SFC* ORIGINAL CLASS 3

NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD AND COMPONENT IDENTIFICATION DIAGRAM

SCALE: NONE DRAWING NO: ISI-07-17

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR
	1	6/24/97	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE, REFERENCE EDC 2S10141A INCORPORATES NEW BORDER, REDRAWN ON CADD																					

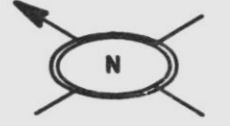
APERTURE CARD

9808130044-89

TAMERAN

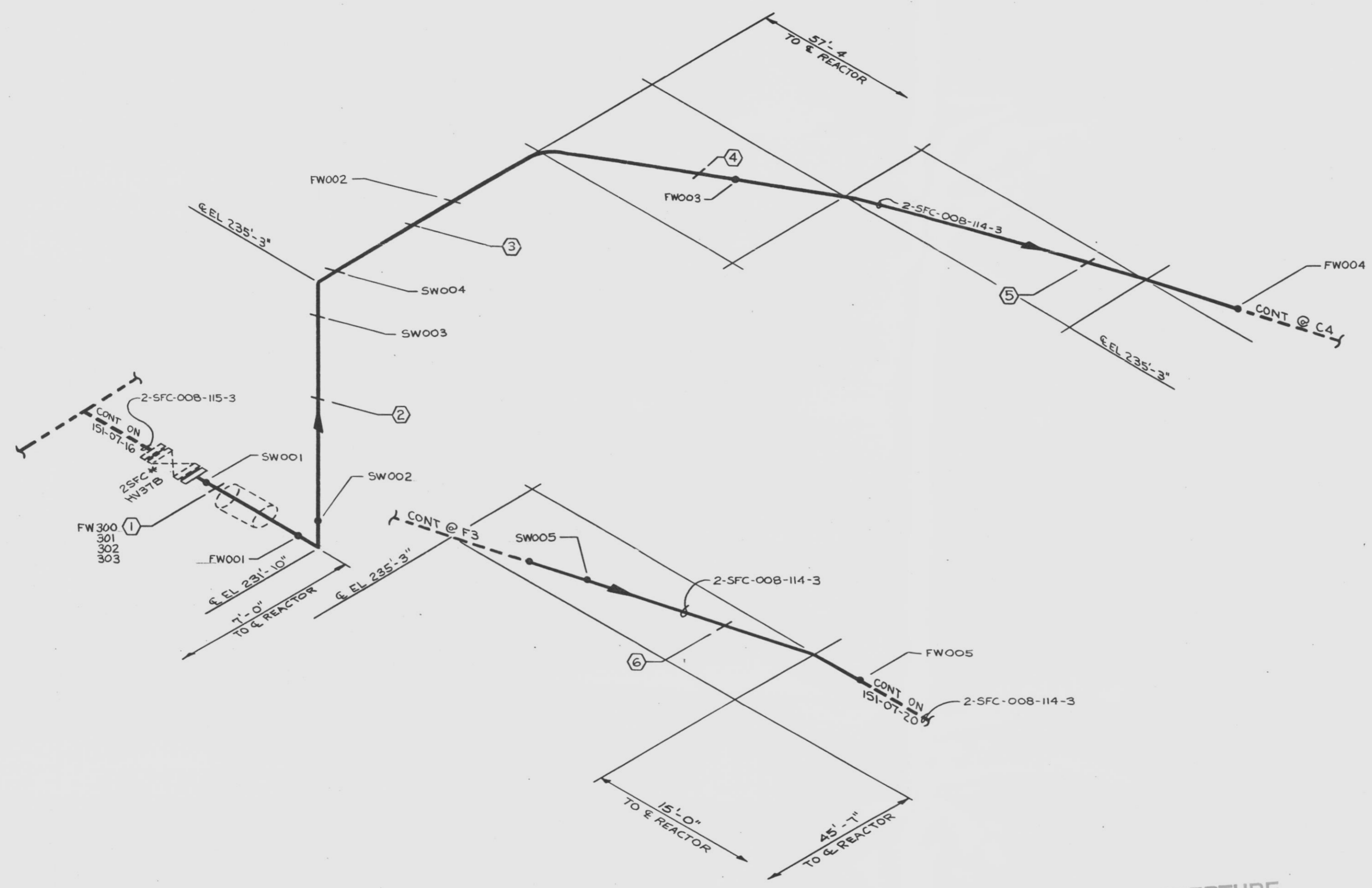
A | B | C | D | E | F | G | H

61-20-ISI
 NIAGARA MOHAWK
 DRAWING



QUAD-NE FL.EL. 215'-0"

NO.	PIPE SUPPORT	BZ NO.
1	PSA - 035 - A3	BZ-77-AT
2	PSST - 719 -	VQ
3	PSST - 230 -	CK
4	PSR - 231 -	CL
5	PSR - 233 -	CN
6	PSR - 234 -	CP
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LEGEND:
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES A CIRCUMFERENTIAL WELD

- NOTES:
- SCALE: NONE
 - THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN.
 - ALL WELDS PRECEDED BY 07-19-SFC-
 - ALL SUPPORTS PRECEDED BY 2 SFC-

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 07-19-G
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY N/A

APERTURE CARD

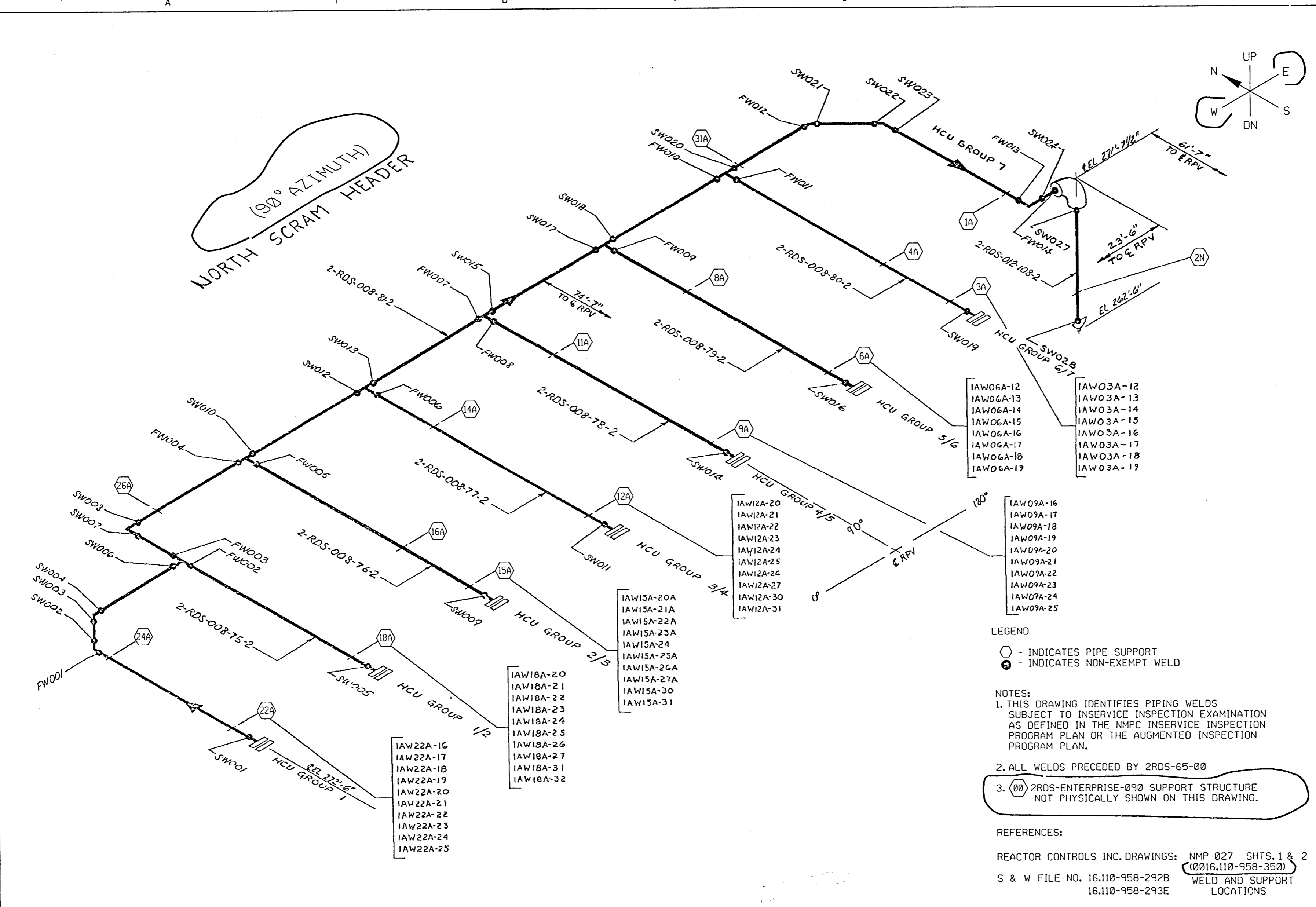
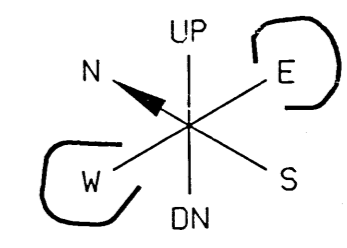
CLASS 3

REFERENCE DESCRIPTION	DRAWING NUMBER	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	NO.	DATE	DESCRIPTION OF ISSUE OR REVISION	DR.	CK.	APP.	DES.	APPROVED	ACCOUNT NUMBER	CLASS	ORIGINAL ISSUE DATE	FILE INDEX	DRAWING NUMBER	SHEET NUMBER
														DES. APPROVED 2-9-88		317.30-0991-190000-5014	NINE MILE POINT UNIT 2	2-9-88		61-20-ISI	
														DR. KSB APPROVED 2-9-88			WELD AND COMPONENT				
														CK. BAL APPROVED			IDENTIFICATION DIAGRAM				

980830044-90

D

A | B | C | D | E | F | G | H



- IAW06A-12
- IAW06A-13
- IAW06A-14
- IAW06A-15
- IAW06A-16
- IAW06A-17
- IAW06A-18
- IAW06A-19

- IAW03A-12
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- IAW15A-20A
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- IAW22A-24
- IAW22A-25

LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPIC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.

2. ALL WELDS PRECEDED BY 2RDS-65-00
 3. (00) 2RDS-ENTERPRISE-090 SUPPORT STRUCTURE NOT PHYSICALLY SHOWN ON THIS DRAWING.

REFERENCES:
 REACTOR CONTROLS INC. DRAWINGS: NMP-027 SHTS. 1 & 2 (0016.110-958-350)
 S & W FILE NO. 16.110-958-292B WELD AND SUPPORT LOCATIONS
 16.110-958-293E

CLASS 2

ORIGINAL

NIAGARA
N M CHAWK
 NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.

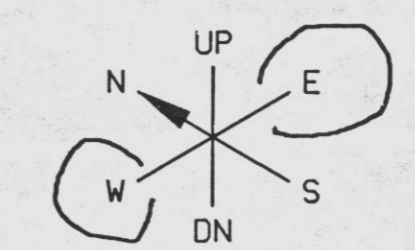
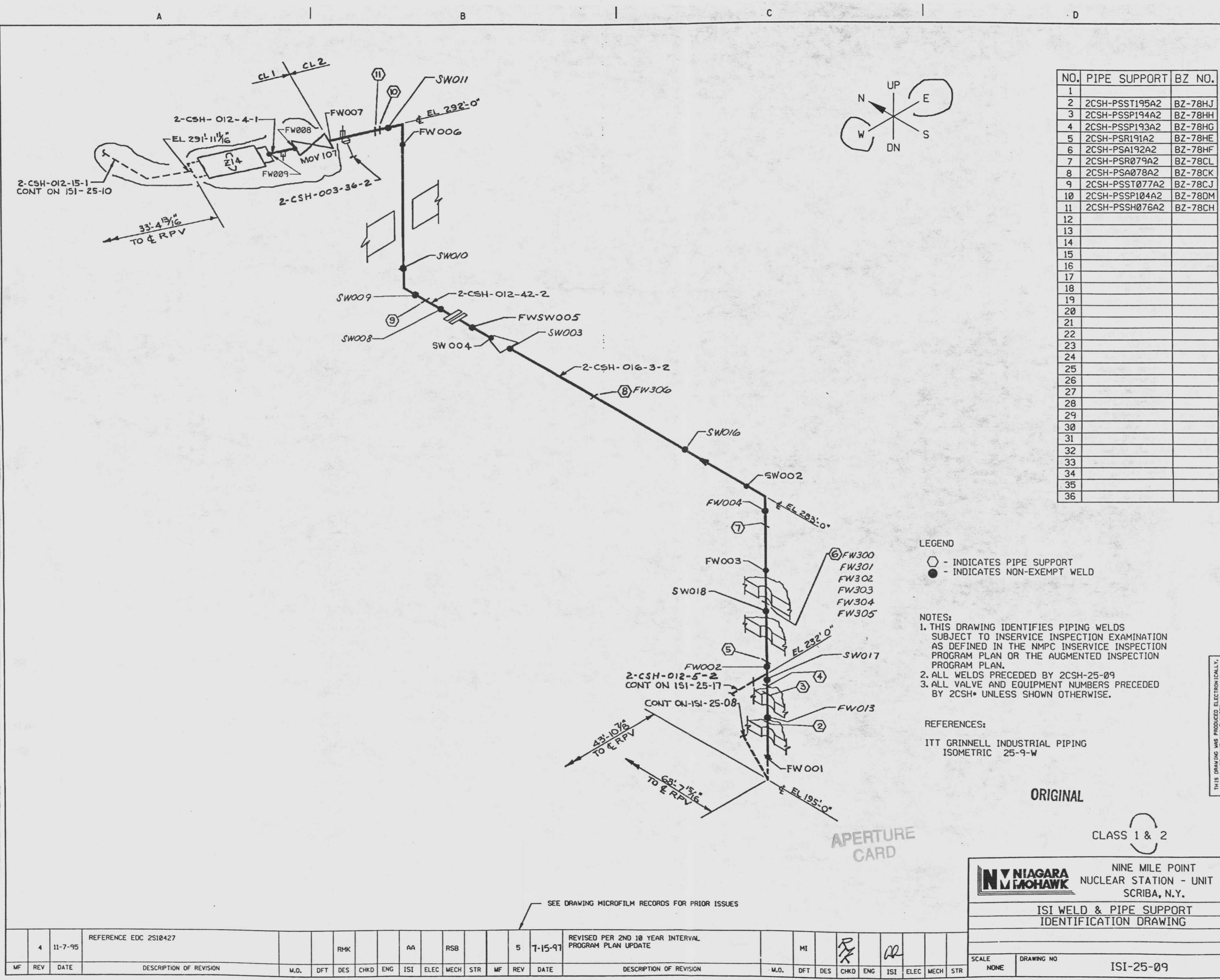
ISI WELD & PIPE SUPPORT
 IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-65-00-1

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

REV	DATE	DESCRIPTION OF REVISION	M.D.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.D.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	
4	6-24-97	REVISED PER 2ND 10 YEAR PROGRAM PLAN UPDATE ENGINEERING ENHANCEMENT											3	11-2-92	REVISED PER ISI PLAN UPDATE REDRAWN ON CADD										

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 7/31/98



NO.	PIPE SUPPORT	BZ NO.
1		
2	2CSH-PSST195A2	BZ-78HJ
3	2CSH-PSSP194A2	BZ-78HH
4	2CSH-PSSP193A2	BZ-78HG
5	2CSH-PSR191A2	BZ-78HE
6	2CSH-PSA192A2	BZ-78HF
7	2CSH-PSR079A2	BZ-78CL
8	2CSH-PSA078A2	BZ-78CK
9	2CSH-PSST077A2	BZ-78CJ
10	2CSH-PSSP104A2	BZ-78DM
11	2CSH-PSSH076A2	BZ-78CH
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LEGEND
 ○ - INDICATES PIPE SUPPORT
 ● - INDICATES NON-EXEMPT WELD

NOTES:
 1. THIS DRAWING IDENTIFIES PIPING WELDS SUBJECT TO INSERVICE INSPECTION EXAMINATION AS DEFINED IN THE NMPC INSERVICE INSPECTION PROGRAM PLAN OR THE AUGMENTED INSPECTION PROGRAM PLAN.
 2. ALL WELDS PRECEDED BY 2CSH-25-09
 3. ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2CSH* UNLESS SHOWN OTHERWISE.

REFERENCES:
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 25-9-W

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

ORIGINAL

CLASS 1 & 2

APERTURE CARD

NIAGARA MOHAWK NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

ISI WELD & PIPE SUPPORT IDENTIFICATION DRAWING

SCALE: NONE DRAWING NO: ISI-25-09

50-440
 9808130044
 7/31/98

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ISI	ELEC	MECH	STR	
	4	11-7-95	REFERENCE EDC 2510427																							
															5	7-15-97	REVISED PER 2ND 10 YEAR INTERVAL PROGRAM PLAN UPDATE									

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

