Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

March 26, 1984

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: LaSalle County Station Units 1 and 2
Baseline Inspection Report ASME
Section XI Update, Part 2
NRC Docket Nos. 50-373 and 50-374

Reference (a): C. W. Schroeder letter to H. R. Denton
dated February 22, 1984.

Dear Mr. Denton:

Enclosed please find three (3) copies of the Second Half of the Unit 1 Baseline Inspection Report (ASME Section XI) revisions. This completes the package of changes for Unit 1, as transmitted by Reference (a).

Enclosed for your use are also one signed original and forty (40) copies of this letter.

If there are any other questions in this matter, please contact this office.

Very truly yours,

C W Schroeder 3/26/84

C. W. Schroeder
Nuclear Licensing Administrator

lm

cc: NRC Resident Inspector - LSCS

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ATTACHMENT
PSI REPORT UPDATE (9-84)

I(84-9)

VOLUME 3 - SECTION 5.0

	Remove	Insert
		Temporary tab labeled "5.4 Surface Thermometers" of information in section 5.3.
		Tab (supplied) 1 through 3 of temporary 5.4 tab.
		Temporary 5.4 index after 5.4 tab. ✓

VOLUME 3 - SECTION 5.4

	Remove	Insert
Tab 1	N/A	Surface thermometers log 7 pages ✓
Tab 2	N/A	Surface thermometers check instrument certification for S/N. 1859, 785774, 02255, 1640 5 pages.
Tab 3	N/A	Surface thermometer calibration check letters

VOLUME 3 - SECTION 6.3

	Remove	Insert
Tab 6.3	N/A	RIR-007 in numerical order ✓

VOLUME 4 - SECTION 8.5

	Remove	Insert
Tab 13	N/A	Letter placed after tab ✓

VOLUME 4 - SECTION 10.4

	Remove	Insert
Index	Old page 5 & 6	New pages 5 & 6 (tabs to 130)
Tab 1	Old Isometric IFW-1001	New Isometrics IFW-1001 Rev. D pages 1 & 2

	Remove	Insert
Tab 2	Old Isometric IFW-1002	New Isometric IFW-1002 Rev D Pages 1 & 2
Tab 3	Old Isometric IHP-1001	New Isometric IHP-1001 Rev E
Tab 4	Old Isometric IHP-1002	New Isometric IHP-1002 Rev E
Tab 5	Old Isometric IHP-1003	New Isometric IHP-1003 Rev E
Tab 6	Old Isometric IHP-1004	New Isometric IHP-1004 Rev E
Tab 7	Old Isometric IHP-1005	New Isometric IHP-1005 Rev E
Tab 8	Old Isometric IHP-1006	New Isometric IHP-1006 Rev E
Tab 9	Old Isometric IHP-1007	New Isometric IHP-1007 Rev E
Tab 10	Old Isometric IHP-1010	New Isometric IHP-1010 Rev E
Tab 11	Old Isometric IHP-1011	New Isometric IHP-1011 Rev D
Tab 12	Old Isometric IHP-1012	New Isometric IHP-1012 Rev D
Tab 15	Old Isometric ILP-1001	New Isometric ILP-1001 Rev E
Tab 16	Old Isometric ILP-1002	New Isometric ILP-1002 Rev E
Tab 17	Old Isometric ILP-1003	New Isometric ILP-1003 Rev E
Tab 18	Old Isometric ILP-1010	New Isometric ILP-1010 Rev E
Tab 19	Old Isometric ILP-1011	New Isometric ILP-1011 Rev E
Tab 20	Old Isometric ILP-1012	New Isometric ILP-1012 Rev E
Tab 21	Old Isometric ILP-1013	New Isometric ILP-1013 Rev E
Tab 22	Old Isometric ILP-1014	New Isometric ILP-1014 Rev E
Tab 23	Old Isometric IMS-1001	New Isometric IMS-1001 Rev E
Tab 24	Old Isometric IMS-1002	New Isometric IMS-1002 Rev D
Tab 25	Old Isometric IMS-1003	New Isometric IMS-1003 Rev D
Tab 26	Old Isometric IMS-1004	New Isometric IMS-1004 Rev E
Tab 27	Old Isometric IMS-1036	New Isometric IMS-1036 Rev E
Tab 28	Old Isometric ISM-1037	New Isometric IMS-1037 Rev E

	Remove	Insert
Tab 29	Old Isometric IMS-1038	New Isometric IMS-1038 Rev E
Tab 30	Old Isometric IMS-1039	New Isometric IMS-1039 Rev E
Tab 31	Old Isometric IMS-1040	New Isometric IMS-1040 Rev E
Tab 32	Old Isometric IMS-1041	New Isometric IMS-1041 Rev E
Tab 33	Old Isometric IMS-1042	New Isometric IMS-1042 Rev E
Tab 34	Old Isometric IMS-1043	New Isometric IMS-1043 Rev E
Tab 35	Old Isometric IMS-1044	New Isometric IMS-1044 Rev F
Tab 36	Old Isometric IMS-1045	New Isometric IMS-1045 Rev D
Tab 37	Old Isometric IMS-1051	New Isometric IMS-1051 Rev D
Tab 38	Old Isometric IMS-1052	New Isometric IMS-1052 Rev E
Tab 39	Old Isometric IMS-1053	New Isometric IMS-1053 Rev D
Tab 40	Old Isometric IMS-1054	New Isometric IMS-1054 Rev E
Tab 41	Old Isometric IMS-1055	New Isometric IMS-1055 Rev E
Tab 48	Old Isometric IRH-1001	New Isometric IRH-1001 Rev C
Tab 49	Old Isometric IRH-1002	New Isometric IRH-1002 Rev E
Tab 50	Old Isometric IRH-1003	New Isometric IRH-1003 Rev C
Tab 51	Old Isometric IRH-1004	New Isometric IRH-1004 Rev E
Tab 52	Old Isometric IRH-1005	New Isometric IRH-1005 Rev E
Tab 53	Old Isometric IRH-1006	New Isometric IRH-1006 Rev E
Tab 54	Old Isometric IRH-1007	New Isometric IRH-1007 Rev E
Tab 55	Old Isometric IRH-1008	New Isometric IRH-1008 Rev E
Tab 56	Old Isometric IRH-1009	New Isometric IRH-1009 Rev E
Tab 57	Old Isometric IRH-1010	New Isometric IRH-1010 Rev E
Tab 58	Old Isometric IRH-1011	New Isometric IRH-1011 Rev E
Tab 59	Old Isometric IRH-1012	New Isometric IRH-1012 Rev E
Tab 60	Old Isometric IRH-1013	New Isometric IRH-1013 Rev E

VOLUME 5 - SECTION 10.4

	Remove	Insert
Tab 61	Old Isometric IRH-1014	New Isometric IRH-1014 Rev E
Tab 62	Old Isometric IRH-1015	New Isometric IRH-1015 Rev E
Tab 63	Old Isometric IRH-1016	New Isometric IRH-1016 Rev E
Tab 64	Old Isometric IRH-1017	New Isometric IRH-1017 Rev E
Tab 65	Old Isometric IRH-1017	New Isometric IRH-1018 Rev E
Tab 66	Old Isometric IRH-1019	New Isometric IRH-1019 Rev E
Tab 67	Old Isometric IRH-1020	New Isometric IRH-1020 Rev E
Tab 68	Old Isometric IRH-1021	New Isometric IRH-1021 Rev E
Tab 69	Old Isometric IRH-1022	New Isometric IRH-1022 Rev E
Tab 70	Old Isometric IRH-1023	New Isometric IRH-1023 Rev E
Tab 71	Old Isometric IRH-1024	New Isometric IRH-1024 Rev E
Tab 72	Old Isometric IRH-1024	New Isometric IRH-1025 Rev E
Tab 73	Old Isometric IRH-1027	New Isometric IRH-1027 Rev E
Tab 74	Old Isometric IRH-1028	New Isometric IRH-1028 Rev E
Tab 75	Old Isometric IRH-1029	New Isometric IRH-1029 Rev E
Tab 76	Old Isometric IRH-1030	New Isometric IRH-1030 Rev E
Tab 77	Old Isometric IRH-1031	New Isometric IRH-1031 Rev E
Tab 78	Old Isometric IRH-1032	New Isometric IRH-1032 Rev E
Tab 79	Old Isometric IRH-1033	New Isometric IRH-1033 Rev E
Tab 80	Old Isometric IRH-1034	New Isometric IRH-1034 Rev E
Tab 81	Old Isometric IRH-1036	New Isometric IRH-1036 Rev E
Tab 82	Old Isometric IRH-1037	New Isometric IRH-1037 Rev E
Tab 83	Old Isometric IRH-1038	New Isometric IRH-1038 Rev E
Tab 84	Old Isometric IRH=1039	New Isometric IRH-1039 Rev E
Tab 85	Old Isometric IRH-1040	New Isometric IRH-1040 Rev E
Tab 86	Old Isometric IRH-1041	New Isometric IRH-1041 Rev E

	Remove	Insert
Tab 87	Old Isometric IRH-1042	New Isometric IRH-1042 Rev E
Tab 88	Old Isometric IRH-1043	New Isometric IRH-1043 Rev E
Tab 89	Old Isometric IRH-1044	New Isometric IRH-1044 Rev E
Tab 90	Old Isometric IRH-1045	New Isometric IRH-1045 Rev F
Tab 91	Old Isometric IRH-1046	New Isometric IRH-1046 Rev F
Tab 92	Old Isometric IRH-1047	New Isometric IRH-1047 Rev E
Tab 93	Old Isometric IRH-1048	New Isometric IRH-1048 Rev F
Tab 94	Old Isometric IRH-1077	New Isometric IRH-1077 Rev D
Tab 95	Old Isometric IRI-1001	New Isometric IRI-1001 Rev E
Tab 96	Old Isometric IRI-1002	New Isometric IRI-1002 Rev E
Tab 97	Old Isometric IRI-1003	New Isometric IRI-1003 Rev E
Tab 98	Old Isometric IRI-1004	New Isometric IRI-1004 Rev F
Tab 99	Old Isometric IRI-1005	New Isometric IRI-1005 Rev E
Tab 100	Old Isometric IRI-1006	New Isometric IRI-1006 Rev E
Tab 101	Old Isometric IRI-1013	New Isometric IRI-1013 Rev E
Tab 102	Old Isometric IRI-1014	New Isometric IRI-1014 Rev E
Tab 103	Old Isometric IRI-1015	New Isometric IRI-1015 Rev E
Tab 104	Old Isometric IRI-1016	New Isometric IRI-1016 Rev F
Tab 105	Old Isometric IRI-1017	New Isometric IRI-1017 Rev E
Tab 106	Old Isometric IRI-1018	New Isometric IRI-1018 Rev E
Tab 107	Old Isometric IRI-1019	New Isometric IRI-1019 Rev E
Tab 108	Old Isometric IRI-1019	New Isometric IRI-1020 Rev E
Tab 109	Old Isometric IRI-1022	New Isometric IRI-1022 Rev D
Tab 116	Old Isometric IRI-1029	New Isometric IRI-1029 Rev D
Tab 117	Old Isometric IRI-1030	New Isometric IRI-1030 Rev 0
Tab 118	Old Isometric IRI-1031	New Isometric IRI-1031 Rev 0

	Remove	Insert
Tab 119	Old Isometric IRI-1032	New Isometric IRI-1032 Rev 0
Tab 120	Old Isometric IRI-1033	New Isometric IRI-1033 Rev 0
Tab 121	Old Isometric IRR-1001	New Isometric IRR-1001 Rev E
Tab 122	Old Isometric IRR-1002	New Isometric IRR-1002 Rev F
Tab 123	Old Isometric IRR-1003	New Isometric IRR-1003 Rev E
Tab 124	Old Isometric IRR-1005	New Isometric IRR-1005 Rev D
Tab 125	Old Isometric IRR-1006	New Isometric IRR-1006 Rev E
Tab 126	Old Isometric IRR-1007	New Isometric IRR-1007 Rev E
Tab 127	Old Isometric IRR-1009	New Isometric IRR-1009 Rev D
Tab 128	Old Isometric IRR-1010	New Isometric IRR-1010 Rev E

VOLUME 13 - SECTION 12.2

	Remove	Insert
Tab 11	N/A	Hydro Data Sheets letter
Tab 12	N/A	Pneumatic Data Sheets letter
Tab 32	N/A	PSI Ref. MSV - 7 & 11 in numerical order

VOLUME 14 - SECTION 10.6

	Remove	Insert
Index	N/A	New description list page 1 of 1

J(84-10)

ATTACHMENT
PSI REPORT UPDATE (10-84)

VOLUME 14 - SECTION 13.0

Insert temporary tabs labeled as follows:

13.0 Project Documentation
13.1 Contract and Supporting Documents
13.2 Purchase Orders
13.3 Document Check List
13.4 Document Distribution List
13.5 Signature Log
13.6 Letters of Delegation
13.7 Correspondence
13.8 Audit Reports

	Remove	Insert	
Tab 13.2	N/A	Purchase Orders 391N0172-2 & 3 391N0173-4,16,20,23,25,31,32,35,39,44&49	
Tab 13.3	N/A	Document Check List	(2 pages)
Tab 13.4	N/A	Document Distribution List	
Tab 13.5	N/A	Signature Log	(5 pages)
Tab 13.6	N/A	Letters of Delegation	(9 pages)
Tab 13.8	N/A	Internal Audits for 1978 thru 1983	(6 reports)

1k(84-11)

ATTACHMENT
PSI REPORT UPDATE (11-84)

VOLUME 14 - SECTION 13.0

	Remove	Insert
Tab 13.1	N/A	New Tabs 1 thru 5 ✓

VOLUME 14 - SECTION 13.1

	Remove	Insert
Tab 1	N/A	Contract Proposal #21ON17034 (43 pages) ✓
Tab 2	N/A	Specification J-2976 & Addendum 1 (38 pages)
Tab 3	N/A	Exhibit C (28 pages)
Tab 4	N/A	Form 30-B Data & Drawing Transmitted (20 pages)
Tab 5	N/A	Erection Work Requirements (4 pages) ✓

L(84-12)

ATTACHMENT
PSI REPORT UPDATE (12-84)

VOLUME 14 - SECTION 10.6

Move tabs 1-9 and information from the front of Volume 14 to the back of Volume 13, after tab 37.

VOLUME 14 - SECTION 13.7

	Remove	Insert	
Tab 1	N/A	1976 Correspondence	(2 pages)
Tab 2	N/A	1977 Correspondence	(11 pages)
Tab 3	N/A	1978 Correspondence	(97 pages)
Tab 4	N/A	1979 Correspondence	(138 pages)
Tab 5	N/A	1980 Correspondence	(132 pages)
Tab 6	N/A	1981 Correspondence	(70 pages)
Tab 7	N/A	1982 Correspondence	(26 pages)
Tab 8	N/A	1983 Correspondence	(20 pages)
Tab 9	N/A	1984 Correspondence	(33 pages)

M(84-13)

ATTACHMENT
PSI REPORT UPDATE (13-84)

VOLUME 1 - SECTION 4.0

	Remove	Insert
Tab 4.1	N/A ✓	Personnel Certification Index (5 pages) ✓

VOLUME 2 - SECTION 4.2

	Remove	Insert
Tab 10	N/A	Qualification Procedure QC-3-380 Rev. 2 ✓

VOLUME 3 - SECTION 6.0

	Remove	Insert
Tab 6.1	N/A	Purchase Order 391N0172-5 and Material Certification 70437 ✓

VOLUME 4 - SECTION 10.2

	Remove	Insert
Tab 10	N/A	Jet Pump Beam Inspection letter (not) is the word needed in letter.

VOLUME 4 - SECTION 10.4

	Remove		Insert		
Tab 22	ILP-1014	Page 1	Completed ILP-1014	Rev. 2	Page 1 ✓
Tab 24	IMS-1002I	Page 1	Completed IMS-1002I	Rev. 0	Page 1 ✓
Tab 26	IMS-1004I	Page 1	Completed IMS-1004I	Rev. 0	Page 1 ✓
Tab 30	IMS-1039	Page 1	Completed IMS-1039	Rev. 6	Page 1 ✓
Tab 45	INB-1001V	Page 1	Completed INB-1001V	Rev. 0	Page 1 ✓
Tab 51	IRH-1004	Page 1	Completed IRH-1004	Rev. 4	Page 1 ✓
	IRH-1004	Page 3	Completed IRH-1004	Rev. 6	Page 3 ✓

ATTACHMENT
PSI REPORT UPDATE (13-84)

VOLUME 5 - SECTION 10.4

	Remove		Insert		
Tab 69	IRH-1022	Page 1	Completed IRH-1022	Rev. 1	Page 1 ✓
Tab 89	IRH-1044	Page 2	Completed IRH-1044	Rev. 3	Page 2 ✓
Tab 117	IRI-1030	Page 1	Completed IRI-1030	Rev. 0	Page 1 ✓

VOLUME 5 - SECTION 11.0

	Remove	Insert	
Tab 11.2	NCR Log	Updated NCR Log (5 pages)	✓

VOLUME 7 - SECTION 12.0

	Remove	Insert	
Tab 12.2	12.2 Index (8 pages)	Updated 12.2 Index	(Page 1 thru 7) ✓

VOLUME 12 - SECTION 12.2

	Remove	Insert	
Tab 10	N/A	LP Exam Data Sheet	EDS #99044 ✓
	N/A	UT Calibration Data Sheet	CDS #99045 ✓
	N/A	UT Exam Data Sheet	EDS #99046 ✓
	N/A	UT Calibration Data Sheet	CDS #99047 ✓
	N/A	UT Exam Data Sheet	EDS #99048 ✓
	N/A	UT Calibration Data Sheet	CDS #99049 ✓
	N/A	UT Exam Data Sheet	EDS #99050 ✓
	N/A	UT Calibration Data Sheet	CDS #99051 ✓
	N/A	UT Exam Data Sheet	EDS #99052 ✓
	N/A	UT Calibration Data Sheet	CDS #99053 ✓
	N/A	UT Exam Data Sheet	EDS #99054 ✓
	N/A	UT Calibration Data Sheet	CDS #99055 ✓
	N/A	UT Exam Data Sheet	EDS #99056 ✓

VOLUME 13 - SECTION 10.0

	Remove	Insert	
Tab 10.6	Temporary Index	Completed Index for Hangers & Supports	(6 Pages) ✓

ATTACHMENT
PSI REPORT UPDATE (13-84)

VOLUME 13 - SECTION 12.2

	Remove	Insert
Tab 22		
	N/A	PSI Reference RI-63A (2 pages) ✓
	N/A	PSI Reference RI-64 (2 pages) ✓
	N/A	PSI Reference RI-65 (2 pages) ✓
Tab 27		
	N/A	PSI Reference NB-2 (2 pages) ✓

VOLUME 14 - SECTION 10.6

	Remove	Insert
Tab 10		
	IRR-1007S Page 1	Signed IRR-1007S Rev. 0 Page 1 ✓
Tab 15		
	IRH-1032S Page 1	Corrected IRH-1032S Rev. 0 Page 1 ✓

VOLUME 14 - SECTION 13.0

	Remove	Insert
Tab 13.7		
	Temporary Index ✓	Typed Correspondence Index ✓

N(84-14)

ATTACHMENT
PSI REPORT UPDATE (14-84)

VOLUME 2 - SECTION 4.0

	Remove	Insert
Tab 4.2	Index 7/31/80	Index dated 2/1/84 ✓

VOLUME 3 - SECTION 5.0

	Remove	Insert
Tab 5.1	NDE Instruments	NDE Instruments dated 1/19/84 ✓

VOLUME 4 - SECTION 8.3

	Remove	Insert
Tab 2	Record Index 8.3.2 Page 1	Updated Record Index 8.3.2 ✓ Page 1

VOLUME 4 - SECTION 8.4

	Remove	Insert
Tab 1	Record Index 8.4.1 Page 1	Updated Record Index 8.4.1 Rev 2 ✓ Page 1
Tab 2	Record Index 8.4.2 Page 1	Updated Record Index 8.4.2 Rev 2 ✓ Page 1
Tab 3	Record Index 8.4.3 Page 1	Updated Record Index 8.4.3 Rev 2 ✓ Page 1
Tab 4	Record Index 8.4.4 Page 1	Updated Record Index 8.4.4 Rev 2 ✓ Page 1

VOLUME 4 - SECTION 8.5

	Remove	Insert
Tab 13		
	Record Index 8.5.13 Page 1	Updated Record Index 8.5.13 Rev 2 Page 1 ✓
	Record Index 8.5.13 Page 2	Updated Record Index 8.5.13 Rev 2 Page 2 ✓
	Record Index 8.5.13 Page 3	Updated Record Index 8.5.13 Rev 2 Page 3 ✓

VOLUME 4 - SECTION 10.2

	Remove	Insert
Tab 1 through Tab 17	N/A	Revision list (by Tab) behind the appropriate numbered Tab. ✓

VOLUME 4 - SECTION 10.3

	Remove	Insert
Tabs 1 through 8	N/A	Revision list (by Tab) behind the appropriate numbered Tab. ✓

VOLUME 4 - SECTION 10.4

	Remove	Insert
Index		
	Piping Components Page 5	Connected Piping Components Page 5 of 6 ✓
Tab 23		
	IMS-1001I Page 1	Completed IMS-1001I Rev 0 Page 1 ✓
Tabs 1 through 60	N/A	Revision list (by Tab) behind the appropriate numbered Tab ✓

VOLUME 5 - SECTION 10.4

Remove	Insert
Tabs 61 through 130 N/A	Revision list (by Tab) behind the appropriate numbered tab.

VOLUME 13 - SECTION 10.6

Remove	Insert
Tab 6 Exempt MS Pgs. 1-5 & 9-28	Signed Exempt MS Checklist Revision 1 Page 1-5 & 9-28

VOLUME 14 - SECTION 10.6

Remove	Insert
Tab 10 IRR-1003S Page 2	Corrected IRR-1003S Page 2 Rev 0

ATTACHMENT
PSI REPORT UPDATE (15-84)

O(84-15)

VOLUME 1 - SECTION 2.0

	Remove	Insert
Tab 2.0	Preamble	Revised Preamble

VOLUME 1 - SECTION 4.0

	Remove	Insert
Tab 4.1	Personnel Certification Pages 4 & 5	Corrected Personnel Certification Pages 4 & 5

VOLUME 2 - SECTION 4.1

	Remove	Insert
Tab 46	N/A	Training Letter dated 4/16/79

VOLUME 2 - SECTION 4.2

	Remove	Insert
Tab 3	N/A	ASBD-NDT 1101 Rev. 4 (26 pages)

Insert supplied tabs 9 thru 12 after tab 8

Tab 9	N/A	Qualification Procedure QC1.2.1 Rev. 0 (22 pages)
Tab 11	N/A	Qualification Procedure AP-QUA-277 Draft (27 pages)
Tab 12	N/A	Qualification Procedure QC-9-380 Rev. 1 (9 pages)

VOLUME 3 - SECTION 5.0

	Remove	Insert
Tab 5.4	Temporary Index	Typed Surface Thermometer Index

ATTACHMENT
PSI REPORT UPDATE (15-84)

VOLUME 4 - SECTION 10.4

	Remove	Insert
Tab 4	N/A	Weld Clarification Letter dated 2/2/84
Tab 25	IMS-1003I Page 1	Completed IMS-1003I Rev. 1 Page 1

VOLUME 5 - SECTION 11.1

	Remove	Insert
Tab 1	PT Reportable Indication List	Corrected PT Reportable Indication List (4 pages),
Tab 2	UT Reportable Indication List	Corrected UT Reportable Indication List (7 pages)

VOLUME 6 - SECTION 12.1

	Remove	Insert
Tab 7	N/A	Hydro Test Memo dated 7/13/81

VOLUME 13 - SECTION 12.2

Move tabs and information #11 thru #17 from the front of Volume 13 to back of Volume 12.

	Remove	Insert
Tab 27	N/A	PSI Reference NB-1 (1 page) ✓

VOLUME 13 - SECTION 10.6

	Remove	Insert
Tab 6	Exempt MS Unsigned pages 6, 7, 8 & 29 thru 57	Exempt MS Signed pages (Rev. 1) 6, 7, 8, and 29 thru 57

ATTACHMENT
PSI REPORT UPDATE (15-84)

VOLUME 14 - SECTION 13.0

	Remove	Insert
Tab 13.1	N/A	Project Contract Index
Tab 13.2	N/A	Purchase Order List
Tab 13.8	N/A	Internal Audit Index

P(84-16)

ATTACHMENT
PSI REPORT UPDATE (16-84)

VOLUME 4 - SECTION 10.4

	Remove	Insert
Tab 1	IFW-1001B Rev. 1	IFW-1001B Rev. 2 Page 1
Tab 10	IHP-1010 Rev. 2	IHP-1010 Rev. 3 Page 1
Tab 17	ILP-1003 Rev. 3 Page 1	ILP-1003 Rev. 4 Page 1
	ILP-1003 Rev. 2 Page 3	ILP-1003 Rev. 3 Page 3
	ILP-1003 Rev. 3 Page 4	ILP-1003 Rev. 4 Page 4
Tab 26	IMS-1004B Rev. 1	IMS-1004B Rev. 2 Page 1
Tab 35	N/A	IMS-1044 Rev. 0 Page 8
Tab 42	IMS-1014A Rev. 1	IMS-1014A Rev. 2 Page 1
Tab 55	IRH-1008 Rev. 1	IRH-1008 Rev. 2 Page 2

VOLUME 5 - SECTION 10.4

	Remove	Insert
Tab 61	IRH-1014 Rev. 1	IRH-1014 Rev. 2 Page 1
Tab 79	IRH-1033 Rev. 2 Page 2	IRH-1033 Rev. 3 Page 2
	IRH-1033 Rev. 2 Page 3	IRH-1033 Rev. 3 Page 3
Tab 80	IRH-1034 Rev. 2	IRH-1034 Rev. 3 Page 1
Tab 91	IRH-1046 Rev. 1	IRH-1046 Rev. 2 Page 4
Tab 96	IRI-1022 Rev. 1 Page 1	IRI-1002 Rev. 2 Page 1
	IRI-1002 Rev. 1 Page 2	IRI-1002 Rev. 2 Page 2
Tab 101	IRI-1013 Rev. 2	IRI-1013 Rev. 3 Page 1

ATTACHMENT
PSI REPORT UPDATE (16-84)

VOLUME 5 - SECTION 10.4 (continued)

	Remove	Insert
Tab 102		
	IRI-1014 Rev. 0	IRI-1014 Rev. 1 Page 1
Tab 109		
	IRI-1022 Rev. 2	IRI-1022 Rev. 4 Page 1
Tab 121		
	IRR-1001 Rev. 7 Page 1	IRR-1001 Rev. 8 Page 1
	IRR-1001 Rev. 7 Page 2	IRR-1001 Rev. 8 Page 2
	IRR-1001 Rev. 7 Page 3	IRR-1001 Rev. 8 Page 3
	IRR-1001 Rev. 8 Page 4	IRR-1001 Rev. 9 Page 4
	IRR-1001 Rev. 4 Page 5	IRR-1001 Rev. 5 Page 5
	IRR-1001 Rev. 5 Page 6	IRR-1001 Rev. 6 Page 6
	IRR-1001 Rev. 4 Page 7	IRR-1001 Rev. 5 Page 7
	IRR-1001 Rev. 4 Page 8	IRR-1001 Rev. 5 Page 8
	IRR-1001 Rev. 1 Page 9	IRR-1001 Rev. 2 Page 9
	IRR-1001 Rev. 2 Page 10	IRR-1001 Rev. 3 Page 10
	IRR-1001 Rev. 1 Page 11	IRR-1001 Rev. 2 Page 11
	IRR-1001 Rev. 2 Page 12	IRR-1001 Rev. 3 Page 12
Tab 124		
	IRR-1005 Rev. 6 Page 1	IRR-1001 Rev. 7 Page 1
	IRR-1005 Rev. 6 Page 2	IRR-1001 Rev. 7 Page 2
	IRR-1005 Rev. 6 Page 3	IRR-1001 Rev. 7 Page 3
	IRR-1005 Rev. 6 Page 4	IRR-1001 Rev. 7 Page 4
	IRR-1005 Rev. 4 Page 5	IRR-1001 Rev. 5 Page 5
	IRR-1005 Rev. 4 Page 6	IRR-1001 Rev. 5 Page 6
	IRR-1005 Rev. 4 Page 7	IRR-1001 Rev. 5 Page 7
	IRR-1005 Rev. 5 Page 8	IRR-1001 Rev. 6 Page 8
	IRR-1005 Rev. 1 Page 9	IRR-1001 Rev. 2 Page 9
	IRR-1005 Rev. 2 Page 10	IRR-1001 Rev. 3 Page 10
	IRR-1005 Rev. 1 Page 11	IRR-1001 Rev. 2 Page 11
	IRR-1005 Rev. 2 Page 12	N/A
Tab 128		
	IRR-1010 Rev. 3 Page 2	IRR-1010 Rev. 4 Page 2
	IRR-1010 Rev. 1 Page 3	IRR-1010 Rev. 2 Page 3

ATTACHMENT
PSI REPORT UPDATE (17-84)

Q(84-n)

VOLUMES 1 THRU 14

	Remove	Insert
Index	Vol 1-12 Old Index	All Volumes - Index Rev. 1 6 Pages

VOLUME 4 - SECTION 7.0

	Remove	Insert
Tab 7.2	N/A	Procedure Approvals dated Dec. 9, 1980 (2 Pages), July 24, 1981 and July 27, 1981

VOLUME 8 - SECTION 12.1

	Remove	Insert
Tab 7	CDS #63049	UT Cal. Sheet CDS #63049 stamped Info. Only
	EDS #63050	UT Data Sheet EDS #63050 stamped Info. Only
	CDS #63057	UT Cal. Sheet CDS #63057 stamped Info. Only
	EDS #63058	UT Data Sheet EDS #63058 stamped Info. Only
	CDS #63112	UT Cal. Sheet CDS #63112 stamped Info. Only
	EDS #63113	UT Data Sheet EDS #63113 stamped Info. Only

VOLUME 11 - SECTION 12.1

	Remove	Insert
Tab 10	CDS #91049	UT Cal. Sheet CDS #91049 stamped Info. Only
	EDS #91050	UT Data Sheet EDS #91050 stamped Info. Only
	CDS #91051	UT Cal. Sheet CDS #91051 stamped Info. Only
	EDS #91052	UT Data Sheet EDS #91052 stamped Info. Only
	CDS #94069	UT Cal. Sheet CDS #94069 stamped Info. Only
	EDS #94070	UT Data Sheet EDS #94070 stamped Info. Only
	Plot for #94070	UT Plot for EDS #94070 stamped Info. Only
	CDS #94071	UT Cal. Sheet CDS #94071 stamped Info. Only
	EDS #94072	UT Data Sheet EDS #94072 stamped Info. Only
	CDS #94073	UT Cal. Sheet CDS #94073 stamped Info. Only
	EDS #94074	UT Data Sheet EDS #94074 stamped Info. Only
	CDS #94118	UT Cal. Sheet CDS #94118 stamped Info. Only
	EDS #94119	UT Data Sheet EDS #94119 stamped Info. Only
	CDS #94122	UT Cal. Sheet CDS #94122 stamped Info. Only
	EDS #94123	UT Data Sheet EDS #94123 stamped Info. Only

ATTACHMENT
PSI REPORT UPDATE (17-84)

VOLUME 12 - SECTION 12.2

	Remove	Insert
Tab 15		
	PSI References FW 20 thru 25	N/A
Tab 16		
	N/A	PSI Reference HP-4, 3 & 20
	PSI References HP-39 thru 41	N/A
Tab 17		
	PSI References LP-29 thru 31	N/A

VOLUME 13 - SECTION 12.2

	Remove	Insert
Tab 21		
	PSI Reference RH-156	AI Reviewed PSI Reference RH-156
	PSI Reference RH-185 thru 203	N/A
Tab 22		
	PSI Reference RI-51 thru 53 & 56 thru 60	N/A
Tab 23		
	PSI Reference RR-6 thru 11	N/A
Tab 32		
	N/A	PSI Reference MSU-11

ATTACHMENT
PSI REPORT UPDATE (18-84)

R (84-18)

CALIBRATION STANDARDS BOOK

	Remove	Insert
Index	N/A	Index dated 2/13/84 4 pages

VOLUME 2 - SECTION 4.2

	Remove	Insert
Tab 4.2	Procedure Qualification Index 2/1/84	Procedure Qualification Index dated 2/10/84

VOLUME 3 - SECTION 5.1

	Remove	Insert
Tab 2	LDS #20001	Signed LDS #20001
	LDS #20052	Signed LDS #20052
	LDS #60048	Signed LDS #60048
	LDS #20192	Signed LDS #20192
	LDS #25033	Signed LDS #25033
	LDS #25103	Signed LDS #25103
	LDS #1083	Signed LDS #1083
	LDS #8002	Signed LDS #8002
	LDS #0016	Signed LDS #0016
	LDS #0026	Signed LDS #0026
	LDS #0028	Signed LDS #0028
	LDS #0040	Signed LDS #0040
	LDS #0051	Signed LDS #0051
	LDS #0059	Signed LDS #0059
	LDS #0065	Signed LDS #0065
	LDS #0070	Signed LDS #0070
	LDS #0074	Signed LDS #0074
	LDS #0079	Signed LDS #0079
	LDS #0080	Signed LDS #0080
	LDS #0084	Signed LDS #0084
	LDS #0085	Signed LDS #0085
	LDS #0089	Signed LDS #0089
	LDS #0092	Signed LDS #0092
Tab 3	LDS #0010	Signed LDS #0010
	LDS #20184	Signed LDS #20184
	LDS #10035	Signed LDS #10035
	LDS #10001	Signed LDS #10001
	LDS #0002	Signed LDS #0002
	LDS #8001	Signed LDS #8001

ATTACHMENT
PSI REPORT UPDATE (18-84)

VOLUME 3 - SECTION 5.1 (continued)

	Remove	Insert
Tab 3 (continued)		
	LDS #0017	Signed LDS #0017
	LDS #0027	Signed LDS #0027
	LDS #0038	Signed LDS #0038
	LDS #0050	Signed LDS #0050
	LDS #0055	Signed LDS #0055
	LDS #0061	Signed LDS #0061
	LDS #0066	Signed LDS #0066
	LDS #0068	Signed LDS #0068
	LDS #0072	Signed LDS #0072
	LDS #0075	Signed LDS #0075
	LDS #0078	Signed LDS #0078
	LDS #0081	Signed LDS #0081
	LDS #0083	Signed LDS #0083
	LDS #0086	Signed LDS #0086
	LDS #0090	Signed LDS #0090
	LDS #0093	Signed LDS #0093
Tab 4		
	LDS #63069	Signed LDS #63069
Tab 5		
	LDS #0004	Signed LDS #0004
	LDS #0007	Signed LDS #0007
	LDS #0014	Signed LDS #0014
	LDS #0021	Signed LDS #0021
	LDS #0034	Signed LDS #0034
	LDS #0036	Signed LDS #0036
	LDS #0045	Signed LDS #0045
	LDS #0047	Signed LDS #0047
	LDS #0057	Signed LDS #0057
Tab 6		
	LDS #20122	Signed LDS #20122
	LDS #70165	Signed LDS #70165
	LDS #60099	Signed LDS #60099
	LDS #63051	Signed LDS #63051
	LDS #63076	Signed LDS #63076
	LDS #0011	Signed LDS #0011
	LDS #0012	Signed LDS #0012
	LDS #0020	Signed LDS #0020
	LDS #0031	Signed LDS #0031
	LDS #0035	Signed LDS #0035
	LDS #0046	Signed LDS #0046
	LDS #0053	Signed LDS #0053
	LDS #0064	Signed LDS #0064
	LDS #0069	Signed LDS #0069
	LDS #0077	Signed LDS #0077
	LDS #0082	Signed LDS #0082

ATTACHMENT
PSI REPORT UPDATE (18-84)

VOLUME 3 - SECTION 5.1 (continued)

	Remove	Insert
Tab 7		
	LDS #25145	Signed LDS #25145
	LDS #28251	Signed LDS #28251
Tab 8		
	LDS #0006 (5/17/79)	Signed LDS #0006 (5/17/79)
	LDS #0015	Signed LDS #0015
	LDS #0023	Signed LDS #0023
	LDS #0006 (8/3/79)	Signed LDS #0006 (8/3/79)
Tab 9		
	LDS #0024	Signed LDS #0024
	LDS #0005	Signed LDS #0005
	LDS #0009	Signed LDS #0009
	LDS #0018	Signed LDS #0018
	LDS #0032	Signed LDS #0032
	LDS #0039	Signed LDS #0039
	LDS #0048	Signed LDS #0048
	LDS #0058	Signed LDS #0058
	LDS #0060	Signed LDS #0060
Tab 10		
	LDS #0008	Signed LDS #0008
	LDS #0013	Signed LDS #0013
	LDS #0003	Signed LDS #0003
	LDS #0019	Signed LDS #0019
Tab 11		
	LDS #60055	Signed LDS #60055
	LDS #20173	Signed LDS #20173
	LDS #90000	Signed LDS #90000
	LDS #10002	Signed LDS #10002
	LDS #85033	Signed LDS #85033
	LDS #0033	Signed LDS #0033
	LDS #0073	Signed LDS #0073
Tab 13		
	LDS # "Blank"	Signed LDS #3600A
Tab 14		
	LDS #0029	Signed LDS #0029
Tab 15		
	LDS #0030	Signed LDS #0030

ATTACHMENT
PSI REPORT UPDATE (18-84)

VOLUME 3 - SECTION 5.1 (continued)

	Remove	Insert
Tab 17		
	LDS #0037	Signed LDS #0037
	LDS #0049	Signed LDS #0049
	LDS #0054	Signed LDS #0054
	LDS #0062	Signed LDS #0062
	LDS #0071	Signed LDS #0071
	LDS #0076	Signed LDS #0076
	LDS #0087	Signed LDS #0087
Tab 18		
	LDS #0041	Signed LDS #0041
Tab 19		
	LDS #0042	Signed LDS #0042
	LDS #29000	signed LDS #29000
Tab 20		
	LDS #0052	Signed LDS #0052
Tab 22		
	LDS #0044	Signed LDS #0044
	LDS #0056	Signed LDS #0056
	LDS #0063	Signed LDS #0063
	LDS #0067	Signed LDS #0067
Tab 23		
	LDS #0088	Signed LDS #0088
Tab 24		
	LDS #0091	Signed LDS #0091

VOLUME 4 - SECTION 7.0

	Remove	Insert
Tab 7.2	Procedure Approved List	Corrected Procedure Approved List dated 2/13/84

VOLUME 4 - SECTION 10.0

	Remove	Insert
Tab 10.2	N/A	Letter dated 2/10/84, just before Index
Tab 10.3	N/A	Letter dated 2/10/84, just before Index
Tab 10.4	N/A	Letter dated 2/10/84, just before Index

ATTACHMENT
PSI REPORT UPDATE (18-84)

VOLUME 4 - SECTION 10.4

	Remove	Insert
Tab 23	IMS-1001I Rev. 0	IMS-1001I Rev. 1 Page 1
Tab 24	IMS-1002I Rev. 0	IMS-1002I Rev. 1 Page 1
Tab 26	IMS-1004I Rev. 0	IMS-1004I Rev. 1 Page 1
Tab 51	Revision Index Sheet IRH-1004 Rev. 4	Corrected Revision Index Sheet IRH-1004 Rev. 5 Page 1

VOLUME 5 - SECTION 11.3

	Remove	Insert
Tab 75	Remove Retracted Page	Revised Retracted Page
Tab 92	1-NCR-92 & Attachments	Signed 1-NCR-92 & Attachments (10 pages)

Insert Supplied Tabs Nos. 111 & 112

VOLUME 7 - SECTION 12.2

	Remove	Insert
Tab 3	Plot for EDS #25041	Signed Plot for EDS #25041
	Plot for EDS #25167	Signed Plot for EDS #25167
	Plot for EDS #25168A Weld IMS-1044-13	Signed Plot for EDS #25168A Weld IMS-1044-13
	Plot for EDS #25168A Weld IMS-1044-27	Signed Plot for EDS #25168A Weld IMS-1044-27
	Plot for EDS #25168B Weld IMS-1044-13,53	Signed Plot for EDS #25168B Weld IMS-1044-13,53
	Plot for EDS #25168B Weld IMS-1044-39	Signed Plot for EDS #25168B Weld IMS-1044-39

VOLUME 13

Insert Volume Cover Page

ATTACHMENT
PSI REPORT UPDATE (18-84)

VOLUME 14 - SECTION 13.0

	Remove	Insert
	N/A	Volume 14 Cover Page
Tab 13.6	N/A	Delegation of Duty Letter dated 2/9/83

VOLUME 14 - SECTION 13.7

	Remove	Insert
Tab 6	N/A	Correspondence (1981) 2 pages
Tab 7	N/A	1982 Correspondence 5 pages
Tab 8	N/A	1983 Correspondence 2 pages
Tab 9	N/A	1984 Correspondence 55 pages

ATTACHMENT
PSI REPORT UPDATE (19-84)

5/84-19

VOLUME 4 - SECTION 8.4

	Remove	Insert
* Tab 5	RR Records Index Rev. 1	RR Records Index Rev. 2 Page 1

VOLUME 4 - SECTION 8.5

	Remove	Insert
* Tab 1	DG Records Index Rev. 0	DG Records Index Rev. 1 Page 1 thru 8
* Tab 2	DO Records Index Rev. 0	DO Records Index Rev. 1 Page 1 thru 5
* Tab 3	ES Records Index Rev. 0	ES Records Index Rev. 1 Page 1
* Tab 4	FC Records Index Rev. 0	FC Records Index Rev. 1 Page 1 thru 9
* Tab 5	FW Records Index Rev. 1	FW Records Index Rev. 2 Page 1 thru 4
* Tab 6	HP Records Index Rev. 1	HP Records Index Rev. 2 Page 1 thru 8
* Tab 7	JPI Records Index Rev. 2	JPI Records Index Rev. 3 Page 1
* Tab 8	LC Records Index Rev. 0	LC Records Index Rev. 1 Page 1 thru 3
* Tab 9	LP Records Index Rev. 1	LP Records Index Rev. 2 Page 1 thru 4
* Tab 10	MS Records Index Rev. 1	MS Records Index Rev. 2 Page 1 thru 18
* Tab 11	NB Records Index Rev. 0	NB Records Index Rev. 1 Page 1 thru 6
* Tab 12	PC Records Index Rev. 0	PC Records Index Rev. 1 Page 1
* Tab 16	RH Records Index Rev. 1	RH Records Index Rev. 2 Page 1 thru 30

* These higher revisions were not contained in Set 006. If they are duplicates, please disregard.

ATTACHMENT
PSI REPORT UPDATE (19-84)

VOLUME 4 - SECTION 8.5 (continued)

	Remove	Insert
* Tab 17	RI Records Index Rev. 1	RI Records Index Rev. 2 Page 1 thru 9
* Tab 18	RR Records Index Rev. 1	RR Records Index Rev. 2 Page 1 thru 9
* Tab 19	RT Records Index Rev. 1	RT Records Index Rev. 2 Page 1
* Tab 20	SC Records Index Rev. 0	SC Records Index Rev. 1 Page 1 and 2
* Tab 21	VP Records Index Rev. 0	VP Records Index Rev. 1 Page 1
* Tab 22	VQ Records Index Rev. 0	VQ Records Index Rev. 1 Page 1 and 2
* Tab 23	WR Records Index Rev. 0	WR Records Index Rev. 1 Page 1

VOLUME 4 - SECTION 10.2

	Remove	Insert
Tab 10	Jet Pump Beam Letter, dated 1/24/84	Jet Pump Beam Letter Signature, dated 2/16/84

VOLUME 5 - SECTION 11.0

	Remove	Insert
Tab 11.2	Original NCR Log	NCR Log Rev. 1 5 Pages

VOLUME 5 - SECTION 11.3

	Remove	Insert
Tab 15	Page marked "Retracted"	Page marked "Nonexistant Listed in Error"

VOLUME 9 - SECTION 12.1

	Remove	Insert
Tab 8	Unsigned Plot for EDS #77142	Signed Plot for EDS #77142 (Page 4 of 4)

* These higher revisions were not contained in Set 006. If they are duplicates, please disregard.

I(84-9)

5.4 INDEX

Calibration Log	Tab 1
Calibration Instrument Certification	Tab 2
Comparison Calibration Letter	Tab 3

GENERAL ELECTRIC

INSTALLATION & SERVICE ENGINEERING DIVISION

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EXHIBIT I

INSTRUMENT SERIAL NUMBER	DATE ISSUED	DATE RETURNED	DATE CALIBRATED	DATE DUE CALIBRATION	NAME
T-11 CONTROL	NA	NA	1-24-83 by MEW	7-24-83	ME Williams
T-47	2-1-1983	7-12-83	1-24-83 by MEW	7-24-83	Salahuddin
T-48	4-18-1983		1-24-83 by MEW	7-24-83	Mark Sorensen
T-47	7-12-83		1-24-83 by MEW	7-24-83	OK Bryant
T-11 CONTROL	NA	NA	1-28-83	7-28-83	
T-47	7-12-83		1-28-83	7-28-83	* Scalon
T-48	7-27-83		1-24-83	7-24-83	C. Pinkston
T-49	8-15-83		8-12-83 SK	11-15-83	Franklin Tech

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SURFACE THERMOMETER LOG

INSTRUMENT #	DATE ISSUED	DATE RETURNED	DATE DUE CALIBRATION CHECK	DATE DUE CALIBRATION	NAME
T-11 CONTROL	NA	NA	NA	10/16/81	L D Wheatley
T-39 ASSIGNED TO TRAILER	4/16/81	7/20/81 NA	NA	10/16/81	L D Wheatley
T-41	6/8/81	6/15/81	NA	10/16/81	R L Hooper
T-47	6/15/81	10/15/81	NA	10/16/81	L D Wheatley
T-11 CONTROL	NA	NA	NA	4/29/82	Calibrated by Gordon Craigo 10/29/81 / NA
T-39	10-28-81	10-30-81	NA	4/28/82	Calibrated by Gordon Craigo 10/29/81 / Gordon Craigo BROKEN
T-47	10-30-81	10-30-81	NA	4/28/82	Calibrated by Gordon Craigo 10/29/81 / Gordon Craigo
T-48	11/2/81	4/27/82	NA	4/28/82	Calibrated by Gordon Craigo 10/29/81 / SF 11/2/81
T-11 CONTROL	NA	NA	NA	2/3/82	Calibrated by M E Williams 8/3/82 / NA
T-47	8-5-82	1-24-83	NA	2/3/82	Calibrated by M E Williams 8/3/82 / Scheduled through 2/5/83
T-48	NEVER ISSUED	NA	NA	2/3/82	Calibrated by M E Williams 8/3/82 / NA

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SURFACE THERMOMETER LOG

INSTRUMENT #	DATE ISSUED	DATE RETURNED	DATE DUE CALIBRATION CHECK	DATE DUE CALIBRATION	NAME
T-11 CONTROL	NA	NA	NA	4/15/81	L D Huntley
T-45	1/5/81	4/16/81	4/15/81	4/15/81	James Chang
T-41	1/5/81	4/16/81	4/15/81	4/15/81	Larry Broadbent
T-40	1/5/81	~~LOST~~ 1/26/81	4/15/81	4/15/81	Peter Schmitzer
T-44	1/5/81	NON FUNCT 1/26/81 DESTROYED EWW	4/15/81	4/15/81	CA Homler
T-39 ASSIGNED TO TRAILER	1/5/81	4/16/81	4/15/81	4/15/81	L D Huntley
T-46	1/27/81	2/27/81 NON-FUNCTIONAL DESTROYED EWW	4/15/81	4/15/81	~~L D Huntley~~ CA Homler
T-47	1/28/81	2/4/81	4/15/81	4/15/81	Steven C. Mortenson
T-48	1/28/81	2/4/81	4/15/81	4/15/81	Steven C. Mortenson
T-48	2/27/81	LOST/FOUND 3/16/81 HELD FOR RECALIBRATION EWW	4/15/81	4/15/81	CA Homler
T-47	3/16/81	4/16/81	4/15/81	4/15/81	CA Homler
T-11 CONTROL	NA	NA	10/16/81	10/16/81	L D Huntley
T-39 (Trailer)	4/16/81	~~4/16/81~~	10/16/81	10/16/81	L D Huntley
T-41	4/20/81	4/30/81	10/16/81	10/16/81	Larry Broadbent
T-45	4/20/81	LOST	10/16/81	10/16/81	CA Homler
T-47	4/20/81	5/21/81	10/16/81	10/16/81	[illegible]
T-48	4/22/81	5/21/81	10/16/81	10/16/81	CA Homler

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SURFACE THERMOMETER LOG

INSTRUMENT #	DATE ISSUED	DATE RETURNED	DATE DUE CALIBRATION CHECK	DATE DUE CALIBRATION	NAME
T-39	9-24-80	8-6-80	10/15/80	10/15/80	Mortenson
T-40	9-24-80	1/5/81	10/15/80	10/15/80	Schmitz & L.K.
T-42	9-24-80	NON FUNCTIONAL 10-13-80	10/15/80	10/15/80	A.L. Homler
T-41	9-24-80	1/5/81	10/15/80	10/15/80	L.A. Trudeau
T-44	10-13-80	~~LOST~~ 1/5/81	10/15/80	10/15/80	C.A. Homler
T-45 11/11/80	11/24/80	1/5/81	1/15/81	4/15/81	[illegible]
T-46	11/26/80	LOST	1/15/81	4/15/81	C.A. Homler
T-39	12/9/80	LOST	1/15/81	4/15/81	R. Rustin

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SURFACE THERMOMETER LOG

INSTRUMENT #	DATE ISSUED	DATE RETURNED	DATE DUE CALIBRATION CHECK	DATE DUE CALIBRATION	NAME
T-11 (Control)	NA	NA	NA	10/15/80	L. Wheatley
T-26	4/22/80	Destroyed	7/15/80	10/15/80	Lester Schmitgal
T-29	4/22/80	Destroyed	7/15/80	10/15/80	Robert Auston
T-32	4/22/80	Lost	7/15/80	10/15/80	Jon Volk
T-33	4/22/80	Destroyed	7/15/80	10/15/80	C A Homler
T-35	7/2/80	Remembered T-46	7/15/80	10/15/80	C A Homler Lester Schmitgal
T-34	5/5/80	5/9/80	7/15/80	10/15/80	Gilroy Jr.
T-34	6/9/80	8/26/80	7/15/80	10/15/80	Gilroy Jr.
T-35	6/11/80	6/27/80	7/15/80	10/15/80	Jon Volk
T-36	6/12/80	DESTROYED	7/15/80	10/15/80	Lester Schmitgal XXX
T-37	6/19/80	6/26/80	7/15/80	10/15/80	M Heath
T-38	6/19/80	6/26/80	7/15/80	10/15/80	D Halthaus
T-38	6/26/80	LOST	7/15/80	10/15/80	C A Homler

EXHIBIT I

INSTRUMENT #	DATE ISSUED	DATE RETURNED	DATE OF CAL. VERIFICATION	DATE DUE CAL. REVERIFICATION	NAME
T-24	1-30-80	Destroyed	1-30-80	7-30-80	Gustav Schmitzgal
T-25	2-4-80	Destroyed	2-4-80	8-4-80	Sam Volle Gustav Schmitzgal
T-26	4/22/80	Destroyed	7/15/80	10-15-80	
T-27	2-12-80	LOST	2-12-80	8-12-80	R S Rather (assigned to file post) Gustav Schmitzgal
T-28	4-10-80	NON FUNCTIONAL	4-15-80	4-15-80	
T-29	4-22-80	DESTROYED	7-15-80	10-15-80	Robert Austerix Robert Austerix
T-30	3-12-80	4/21/80	6/11/80	9/11/80	David Vogt.
T-31	3/11/80	3/18/80			
T-32	4/22/80	LOST	7/15/80	10/15/80	
T-33	4/22/80	LOST	7/15/80	10/15/80	Ea Komlin
T-34	2-26-80	4-15-80	2-26-80	8-26-80	Ea Komlin
~~T-35~~	~~4/22/80~~		~~7/15/80~~	~~10/15/80~~	VOID

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Surface Technology Lab ① of the Calibration Check
② Date Due Calibration

EXHIBIT I

INSTRUMENT #	DATE ISSUED	DATE RETURNED	DATE OF ① CAL. VERIFICATION	DATE OF ② CAL. REVEPIFICATION	NAME
T-13	10/15/79	1/12/80	10/15/79	4/15/80	Robert Reratin
T-14	10/15/79	1/17/80	10/15/79	4/15/80	
T-12	10/15/79	DESTROYED	10/15/79	4/15/80	R. S. Rather (assigned to trailer)
T-15	10/15/79	RACKED 2nd 1/31/80	10/15/79	4/15/80	
T-16	10/26/79	[illegible]	10/15/79	4/15/80	
T-17	10/27/79	1/25/80	10/27/79	4/27/80	L D Wheatley (Assigned to Big Boy)
T-18	11/2/79	LOST	11/2/79	5/2/80	
T-19	11/2/79	Destroyed	11/2/79	5/2/80	ca Gomler
T-20	11/7/79	LOST	11/7/79	5/7/80	
T-11	10/11/79	12-11-79	12/11/79	6/11/79	Roy May
T-21	1-4-80	LOST	1-4-80	7-4-80	Larry Cooled
T-22	1-4-80	1-30-80	1-4-80	7-4-80	Rick Crisp
T-14	1-17-80	1-30-80	~~4-15-80~~ 10-15-79	~~4-15-80~~ 4-15-80	
T-23	1-17-80	LOST	4-4-80 RER 1-17-80	7-17-80	
T-14	1-30-80	LOST	1-30-80	4-15-80	R S Rather (in trailer)
T-22	1-30-80	[illegible]	1-30-80	7-4-80	

GENERAL ELECTRIC
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Page 2 of 2

This instrument was used for calibration check of surface thermometers T-11, T-47, and T-48.

M E Williams
8-3-82

Certificate of Calibration

TO: General Electric Co. I&S&E
814 Commerece Dr.
Oak Brook, IL 60521

REF: Your Order No. Tom Mulligan Alnor Job No. R6207

This is to certify that the following Alnor Equipment

1- Alnor type 6670 Digicon I, S/N 1859 on referenced order numbers was calibrated in our laboratory before shipment 7/31/81, to an accuracy of plus or minus 1 Deg. C plus or minus 1 digit against our standard which is traceable to N.B.S. through test #220691 dated March 20, 1980.

ALNOR INSTRUMENT COMPANY

Kerry Winnan

DATE November 18, 1981
Mo. Day Year

Form 25D

7301 N. CALDWELL AVE., NILES, ILL. 60648 (312) 647-7866

CAL LAB
MOBILE INSTRUMENT CALIBRATION

Phone: 596-6382
Area code 312
ART GROTENHUIS

MOBILE CALIBRATION SERVICE
16949 PARKSIDE AVENUE / SOUTH HOLLAND, ILLINOIS 60473

Certificate of Calibration

Requested By: General Electric Company

8157 S. Cass Ave., Darian, Il. 60559

Manufacturer: Alnor

Description: Contact Pyrometer

Model: 4000A *Serial No.:* 785774

Identification: NSO #1

Date Calibrated: 8-12-82 *By:* A. Grotenhuis

Recalibration Date: 8-12-83

Traceable To The National Bureau of Standards

Through Code Numbers: 221260
Biddle Digital Temp Calibrator SN-83096

CORRECTION CHART ON BACK

CERT. OF CALIBRATION OF Surface Thermometers
T-11 Cal Date 7-28-83 Due 1-28-84
T-47 Cal Date 7-28-83 Due 1-28-84
T-48 CAL DATE 7-24-83 Due 1-24-84
Compared against pyrometer SNO NSOH1 on date marked above by Sylabundelwarabi
QC Sup

CORRECTION CHART

MTR.RDG.	0	100	200	300	400	500	600
STD.RDG.	1.6	100.4	201.7	302.3	402.5	500.5	601.4

1-24-83

To Whom It May Concern:

This calibrated instrument was used to calibrate surface thermometers T-11, T-47, and T-48 on 1-24-83.

M E Williams
QC Supervisor - LaSalle PSI/ISI

Certificate of Calibration

TO: GENERAL ELECTRIC COMPANY
8157 S. CASS AVENUE
DARIEN, IL 60559

REF: Your Order No. 442-285 Alnor Job No. R1453

This is to certify that the following Alnor Equipment

TYPE ~~6670 DIGICON~~ H Alloy

S.N. 02255

Was calibrated as a millivoltmeter against our Standard which is traceable to N.B.S. through Test #223375 and found to comply within the specified limits.

ALNOR INSTRUMENT COMPANY

R. J. Schmidt, Mgr. Quality Assurance

DATE 9 (Mo.) 7 (Day) 82 (Year)

Form 25D

7301 N. CALDWELL AVE., NILES, ILL. 60648 (312) 647-7866

CONTROL NO.	DESCRIPTION	CLASS
1141021	Digital Pyrometer	P-2
LOT NO.	SIZE OR RANGE	
4338	32 to 1800 ° F	6
P.O.	PROCEDURE	DATE
(41A)	Procedure Number 3401	9-3-81
	TRACEABILITY	
NBS	See Below	

NAME AND ADDRESS — SERVICE NO.

Reactor Controls, Inc. 1141
LaSalle County Station
Rt. 1
Grand Ridge, Mazon Road
Marseilles, ILL 61341

CR 01123 CERTIFIED

THAT THE DESCRIBED EQUIPMENT HAS BEEN PRESENTED FOR INSPECTION AND TEST AS SHOWN THAT THE INDICATED WORK HAS BEEN PERFORMED AND THAT THE STANDARDS USED IN OBTAINING DATA ARE CALIBRATED REGULARLY TRACEABLE TO THE NATIONAL BUREAU OF STANDARDS

GAGE LAB CORPORATION Quality Assurance CERTIFICATIONS

Gage Lab Corporation

AUTHORIZED SIGNATURE

P.O. # 10462-45

Equipment: Pyro Digital Pyrometer
Model 500 S/N 1640

STANDARD	OBSERVED READINGS IN DEGREES F AS RECEIVED	AFTER ADJUSTMENT
32	31	31
68	69	69
100	102	102
300	303	303
600	599	599
1200	1219	1219
1600	1626	1626
1800	1821	1821

Meets required accuracy ± 2% FS

Test Equipment Control Number	NBS Traceability	Last Cal. Date	C/F Mos.
000643	000645	11/3/80	12

Primary Standard Description	Control Number			
Std. Lab Thermometer	000645	183242	10/31/80	12

for check of surface thermometers T-11, T-39, T-47, T-48 on 10/28/81
per QC-003 Rev 1
Gordon Chaigo
10/28/81

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

April 16, 1981

To Whom It May Concern.

This is to document that in accordance with G.E. Procedure QC-003, the PTC Surface Thermometer 312F, control number T-11, was compared against a calibrated digital pryometer (Pyro Digital 500 Control #1141021). Several readings were taken and the control thermometer readings were within the $\pm 5^{0}$ F temperature limits as specified in Procedure QC-003.

L Q Whalley
Project QC Supervisor/Level III

Witnessed by S. A. Forton
Authorized Nuclear Inservice Inspector

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

October 21, 1980

To Whom It May Concern:

This is to document that in accordance with G.E. Procedure QC-003, the PTC Surface Thermometer 312F, control number T-11, was compared against a calibrated digital pyrometer (Pyro Digital 500 control # 1141021). Several readings were taken and the control thermometer readings were within the $\pm 5^{o}$ F temperature limits as specified in Procedure QC-003.

L W Wheatley
Project QC Supervisor/Level III

Witnessed by William J. Caldwell
Authorized Nuclear Inservice Inspector

July 21, 1980

Letter To File

This letter is to document that on July 16, 1980 in accordance with PQC Procedure QC-001, the following thermometers were compared against the control thermometer:

T-34
T-35
T-36

All thermometer readings were within the $5F^{o}$ tolerance.

L. W. Wheatley
Project QC Supervisor/Level III

LWW/imo

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

April 21, 1980

To Whom It May Concern:

This is to document that the PTC Surface Thermometer 312F, control number T-11 was compared against a calibrated digital pyrometer Pyro Digital 500, Serial Number P2, Control Number 1141021.

Several readings were taken and the surface thermometer readings were within the $\pm 5^{o}F$ temperature limits as specified in GE Procedure QC-003 Revision 1.

R W Whatley
Project QC Supervisor/Level III

Witnessed by William J. Caldwell
Authorized Nuclear Inservice Inspection

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

January 25, 1980

To Whom It May Concern:

This is to document that the PTC Surface Thermometer Model 312F, T-17, was compared against the control thermometer and found to be within the limits as specified by QC-003.

R.S. Rather

R.S. Rather

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

January 15, 1980

To Whom It May Concern:

This is to document that the PTC Surface Thermometers Model 312F (control numbers T-14 and T-15) were compared against the control thermometer and found to be within the limits as specified by QC-003.

Surface Thermometers T-12 and T-13 were either lost or found unacceptable and destroyed.

R. S. Rather

R.S. Rather

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND SERVICE ENGINEERING DIVISION

October 15, 1979

To Whom It May Concern:

This is to document that PTC Surface Thermometers, Model 312F, control numbers T-11 through T-16, were compared against a calibrated digital pyrometer, Raytek Raytemp Model 6670, serial number 01859.

Several readings were taken with each thermometer and the corresponding readings were within the temperature limits as specified in procedure QC-003 Revision 0.

L W Whatley
Project QC Supervisor

Witnessed by William J. Caldwell 10-15-79
Authorized Nuclear Inservice Inspector

Doc 332

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, IL. 60521

INSTALLATION AND SERVICE ENGINEERING DIVISION

April 26, 1979

To Whom It May Concern:

This is to document that the PTC Surface Thermometer Model 312F, control number T-1 was compared against a calibrated digital pyrometer, Digicon Model 6670, serial number 01859.

Several readings were taken and the surface thermometer readings were within the temperature limits as specified in procedure QC-003 Revision 0.

L W Whatley
Project QC Supervisor

Witnessed by J. Karpinski
Authorized Nuclear Inservice Inspector

RECEIVING INSPECTION REPORT

RIR No. RIR-007

FOY Items List No. NA

Line No. NA

PART NO. 1

Project LaSalle 1&2 PSI Project No. LCS-P0173-2 Purchase Order No. 391N0172-5

Description Glycerine Product Specification & Rev. NA

PART NO. 2 CHARACTERISTICS TO BE INSPECTED: Prepared by L Wheatley Date 4/10/80

1) Quantity
2) Certification
3) Markings
4) Chemical Analysis (PO 391N0172-5) LWW 8/12/81
5)
6)
7)
8)
9)
10)

PART NO. 3 RECEIVING INSPECTION

Markings Dow Glycerine USP 99.5%

Heat & Lot Or Serial No. DH03070 H041

Characteristics Inspected: A – Accepted R – Rejected

1)	55 gal	3)	A	5)		7)		9)	
2)	A	4)	A	6)		8)		10)	

Remarks: (List Characteristic No. and reason for rejection)

Nonconformities:

Is Component or Appurtenance Code-Stamped Yes ☐ No ☒ Inspected By LW Wheatley Date 4/10/80

PART NO. 4 RECEIVING VERIFICATION

	Yes	No	NA
Recorded markings meet the requirements of the Product Spec.	☐	☐	☒
Heat & lot numbers match the Material Certification	☒	☐	☐
Serial Numbers match the Data Reports (Code-stamped items only)	☐	☐	☒
Recorded characteristics meet the requirements of the Product Spec.	☐	☐	☒
Material Certifications and Test Reports meet the requirements of the Product Spec.	☐	☐	☒
Material Certifications and Test Reports accepted by QA/QC Supervisor (owner purchased items only)	☐	☐	☒
Date Reports acceptable (Code-stamped items only)	☐	☐	☒

Verified by LW Wheatley Date 4/10/80

Reviewed by AI WJ Caldwell Date 1-26-84

GENERAL ELECTRIC

APPARATUS AND ENGINEERING SERVICES • CENTRAL NUCLEAR PLANT SERVICES
GENERAL ELECTRIC COMPANY • 8157 SOUTH CASS AVENUE • DARIEN, ILLINOIS 60559 • (312) 789-5900

January 20, 1984

To Whom It May Concern:

The information on hydrostatic test, is referenced in block 14 "Records Access Code" of Preservice Inspection Records Index 8.5.13, pages 1, 2 and 3, is contained in Record Volume #2 by Reactor Controls Incorporated located on site in Quality Assurance records. Verification of the above mentions hydrostatic test records has been performed.

Brad M Dummer

Brad M. Dummer
Preservice Inspection Project
LaSalle County Station

BMD:pds

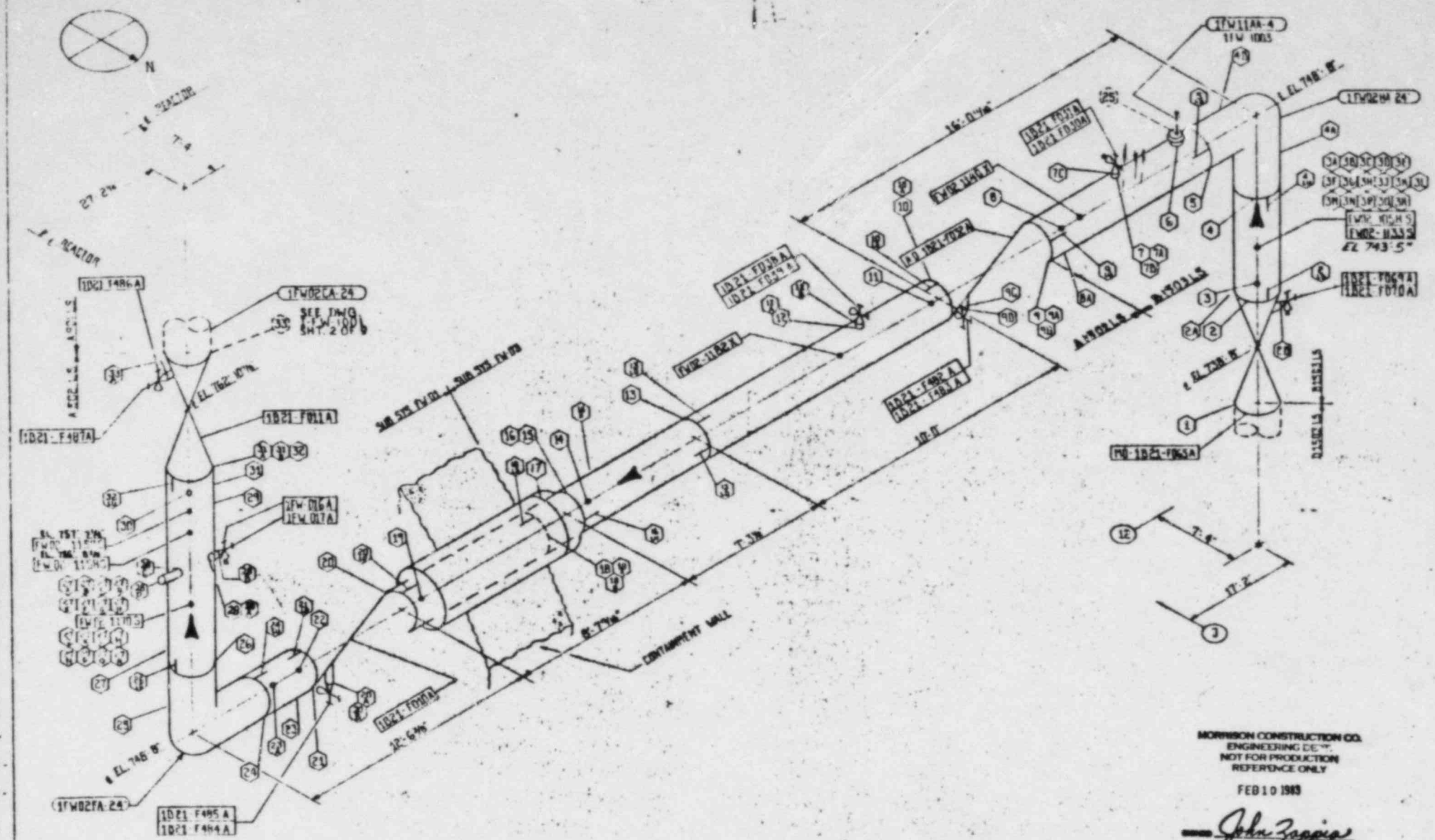
10.4 PIPING COMPONENTS

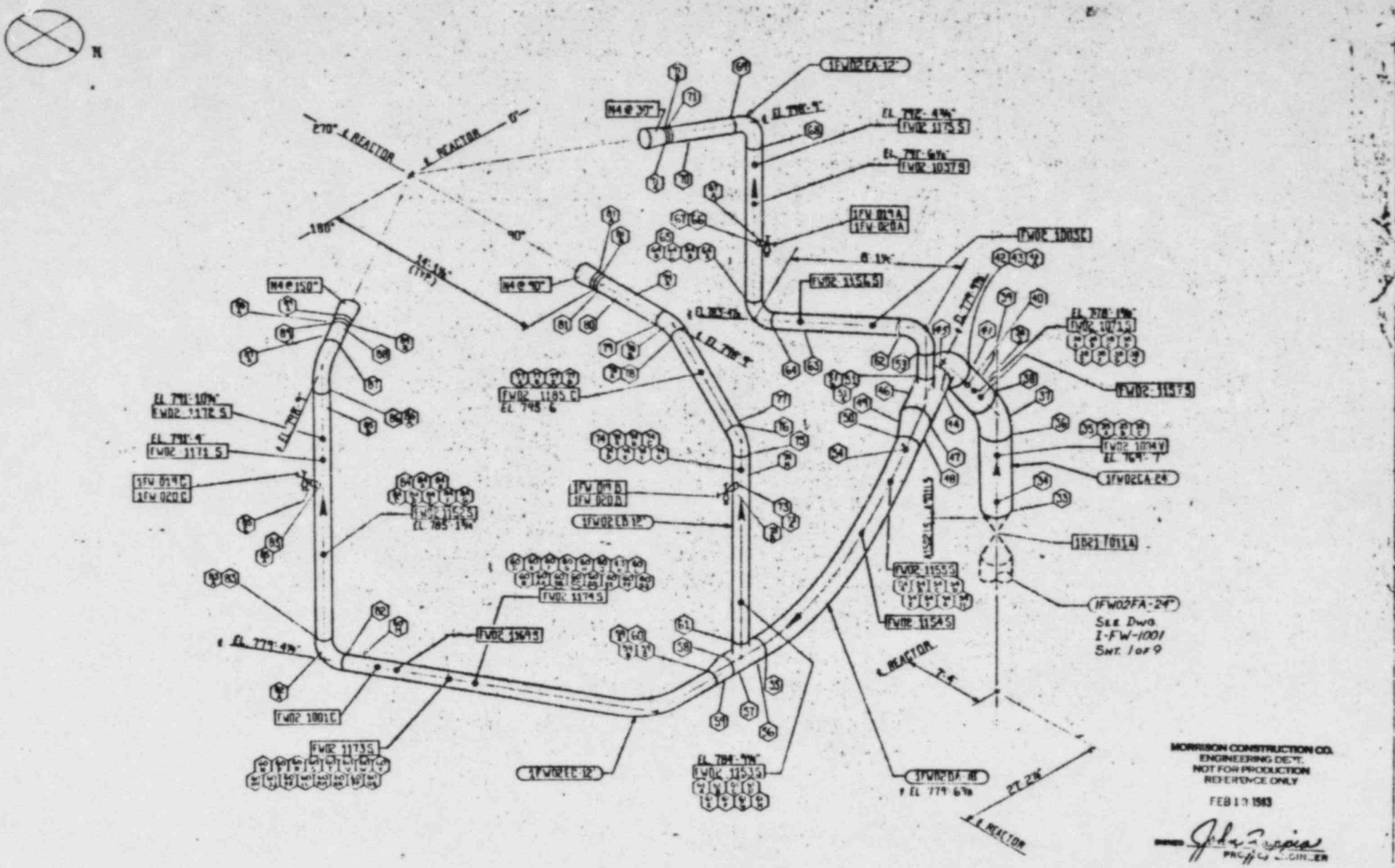
DESCRIPTION	TAB	INSPECTION CHECKLIST
10.4.9 RI-Reactor Core Isolation Coolant	101	IRI-1013
	102	IRI-1014
	103	IRI-1015
	104	IRI-1016
	105	IRI-1017
	106	IRI-1018
	107	IRI-1019
	108	IRI-1020
	109	IRI-1022
	110	IRI-1023
	111	IRI-1024
	112	IRI-1025
	113	IRI-1026
	114	IRI-1027
	115	IRI-1028
	116	IRI-1029
	117	IRI-1030
	118	IRI-1031
	119	IRI-1032
	120	IRI-1033
10.4.10 RR-Reactor Recirculation	121	IRI-1001
	122	IRR-1002
	123	IRR-1003
	124	IRR-1005

10.4 PIPING COMPONENTS

DESCRIPTION	TAB	INSPECTION CHECKLIST
	125	IRR-1006
	126	IRR-1007
	127	IRR-1009
	128	IRR-1010
10.4.11 RT-Reactor Water Clean up	129	IRT-1001
	130	IRT-1001A

1001 M-1 | SUB SYS FW 01 / FW 03





MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
FEB 10 1983

TRAVELER	LINE Nº
FW T 1	1FW02EA-24"
FW T 5	1FW02FA-12"
FW T 2	1FW02DA-16"
FW T 6	1FW02ED-12"
FW T 7	1FW02EC-12"

REVISIONS			
REV	Description	BY	Date
	PRELIMINARY		2/18/83
A	REL TO CLASS M&P 186		3/4/83
B	REL TO CLASS MC 2760		10/21/83
C			
	REL TO CLASS [illegible]		8/31/84
D	REVISED PER [illegible]		
	CLASS M CODE 501		11/12/84

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

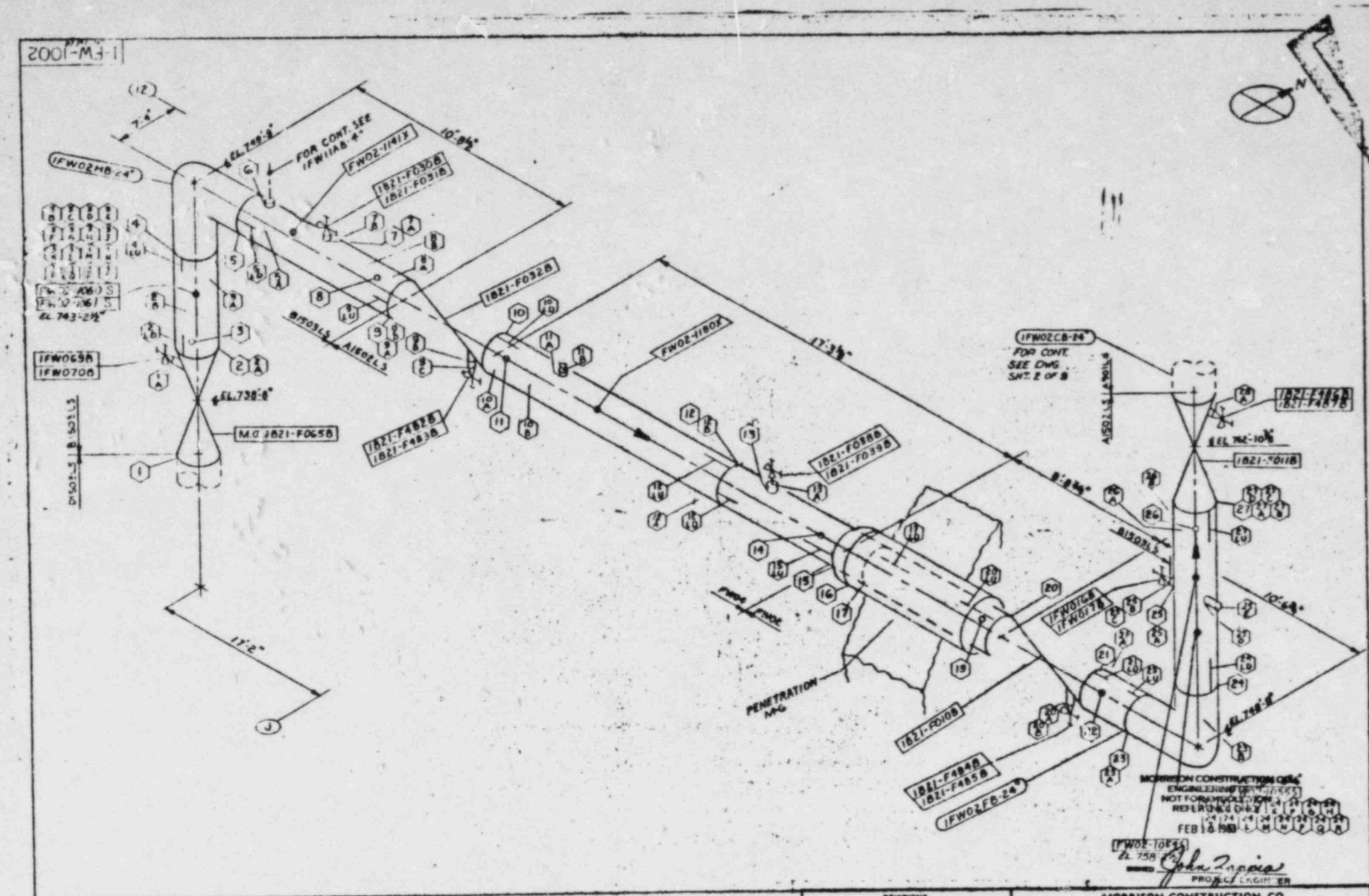
Job No. 3466 P.O. 984 900 307

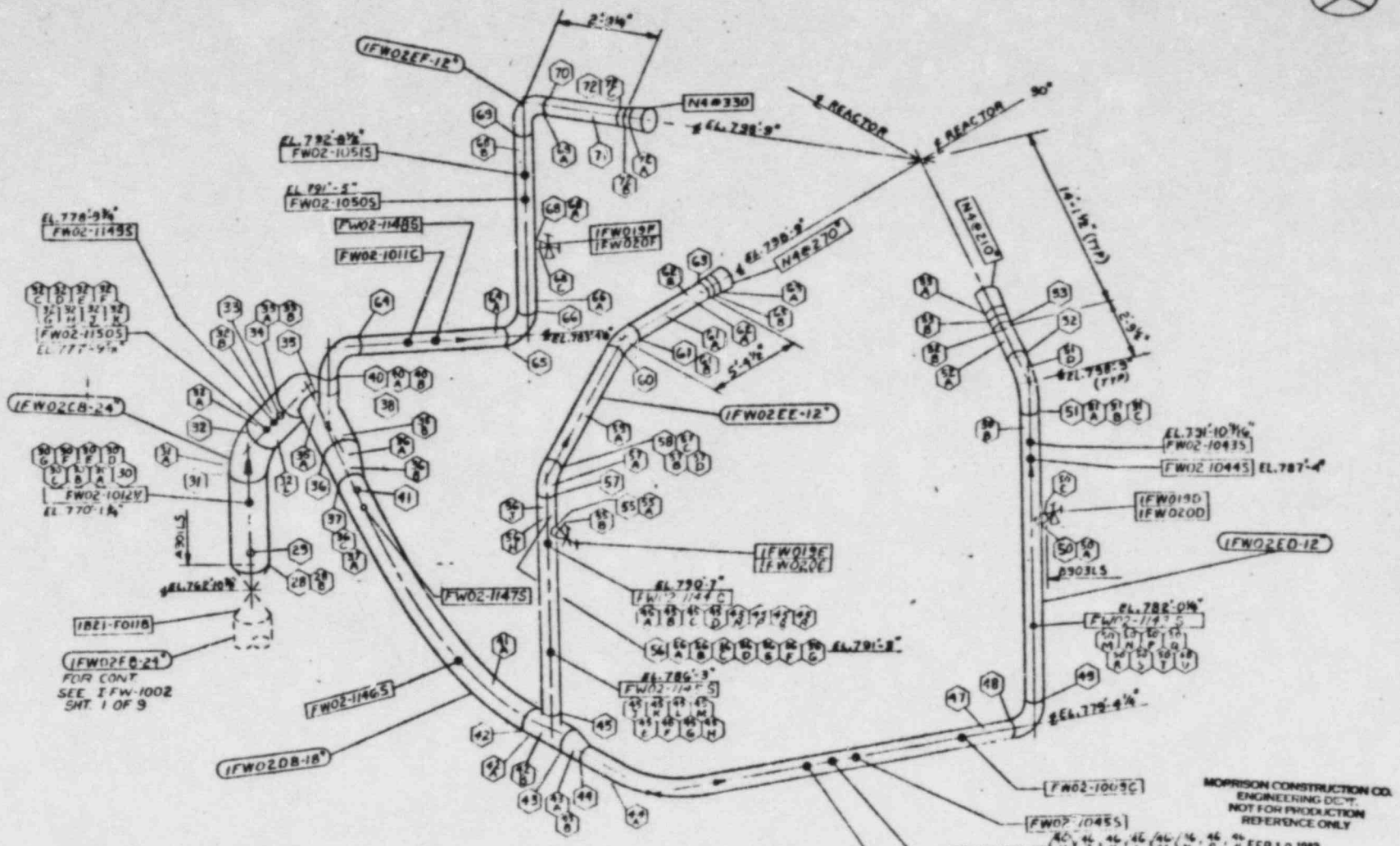
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
UNDERVILLE, ILLINOIS
FEEDWATER

REF Dwg No. M-501 Sh. 1 Rev. M

MCCO 1501-8

I-FW-1001


I-FW-1002
FOR CONT. SEE IFW11AB-4"
IFW02HB-24"
FW02-1141X
1821-F032B
1821-F031B
1821-F032B
FW02-1180X
IFW02CB-24"
FOR CONT. SEE DWG. SHT. 2 OF 8
1821-F048B
1821-F483B
1821-F088B
1821-F039B
1821-F011B
IFW06GB
IFW07GB
IFW02FB-24"
1821-F004B
1821-F485B
M.C. 1821-F065B
PENETRATION M-G
EL. 738'-8"
EL. 743'-2½"
EL. 752'-10⅝"
EL. 758'-2"
FEB 18 1983
SUB-SYSTEMS FW-02, FW-04
IFW02HB-24" TRV FW-T-106
IFW02FB-24" TRV FW-T-12
REVISIONS
PRELIMINARY
PRELIMINARY
PER MCCO SO2
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
FEEDWATER SYSTEM - SOUTH LOOP
I-FW-1002
SHEET 1 OF 10



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
FEB 10 1983
SIGNED John Zappia
PROJECT ENGINEER

SUB SYSTEM FW-02

1FW02CB-24"	TRV FW-T-3
1FW02EE-12"	TRV FW-T-3
1FW02EE-12"	TRV FW-T-10
1FW02ED-12"	TRV FW-T-8
1FW02DA-18"	TRV FW-T-4

REVISIONS

REV	Description	By	Date
C	PRELIMINARY		
B	PRELIMINARY		8-15-78
A	PRELIMINARY		9-9-82
D			8-10-82
			2-10-83

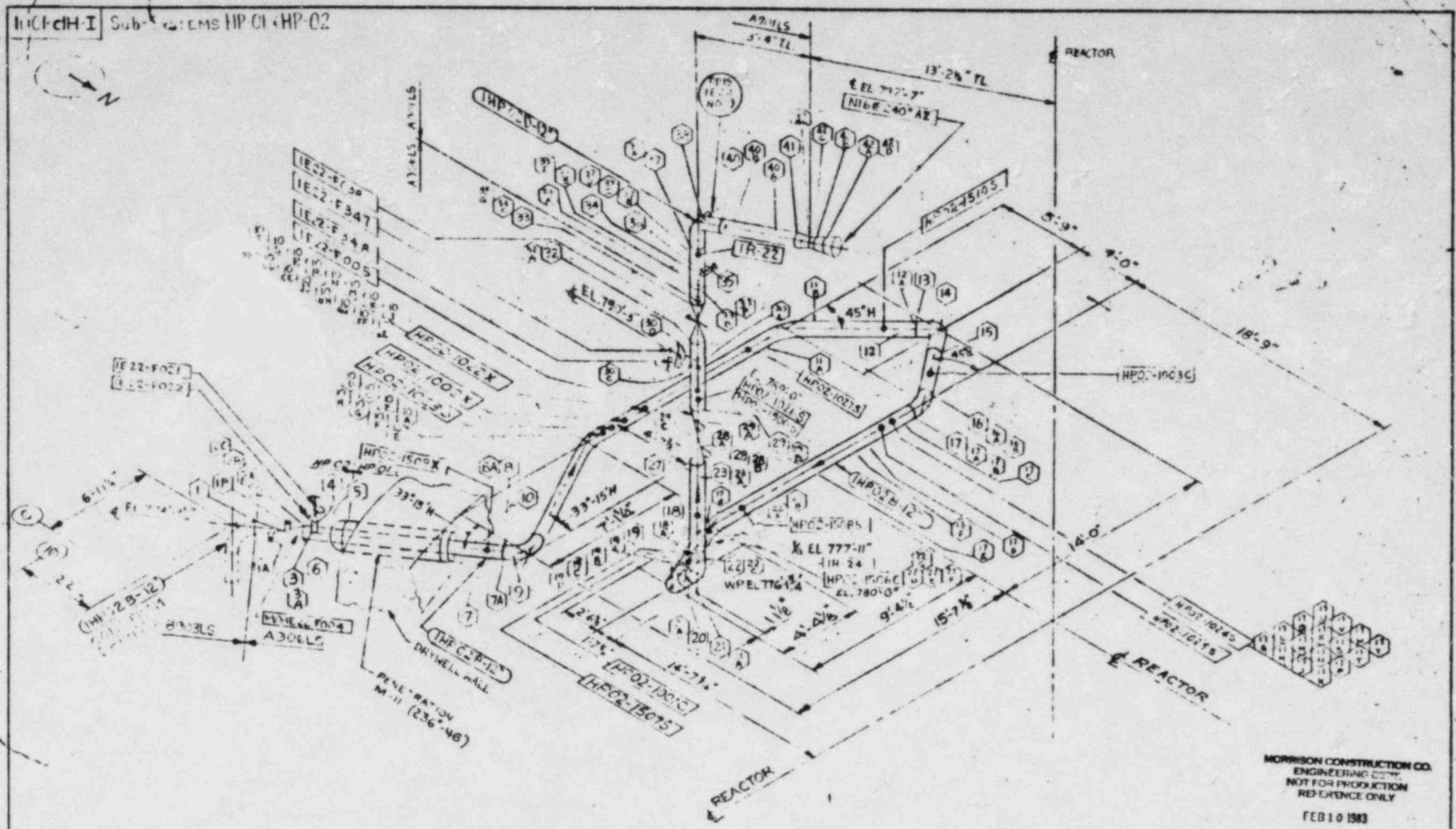
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2466 For 986 980 307
PWT BA 16 [illegible]
ET / P.C. # 758 [illegible]

COMMONWEALTH EDISON CO LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
F.W. WATER SYSTEM SOUTH LOOP

REF Dwg Rev
M521 M86 REV. D2 1/4

M-1 FW-1002 SHEET 1 OF 9


REACTOR
REACTOR
REACTOR
DRYWELL WALL
PENETRATION M-11 (236'-46")
AZIMUTH 5'-4" TL
AZIMUTH 13'-2 3/4" TL
EL 797'-7"
N166°-40' AZ
EL 797'-5"
45°H
33°-15"H
33°-15"H
EL 777'-11"
WP EL 776'-1 1/4
EL 780'-0"
5'-9"
4'-0"
18'-9"
14'-0"
15'-7 1/2"
9'-4 1/2"
4'-4 1/2"
14'-7 1/2"
6'-11 1/2"
2'-2"
AZIMUTHS
AZIMUTHS
AZIMUTHS
AZIMUTHS
IR-22
IR-24
IR-23
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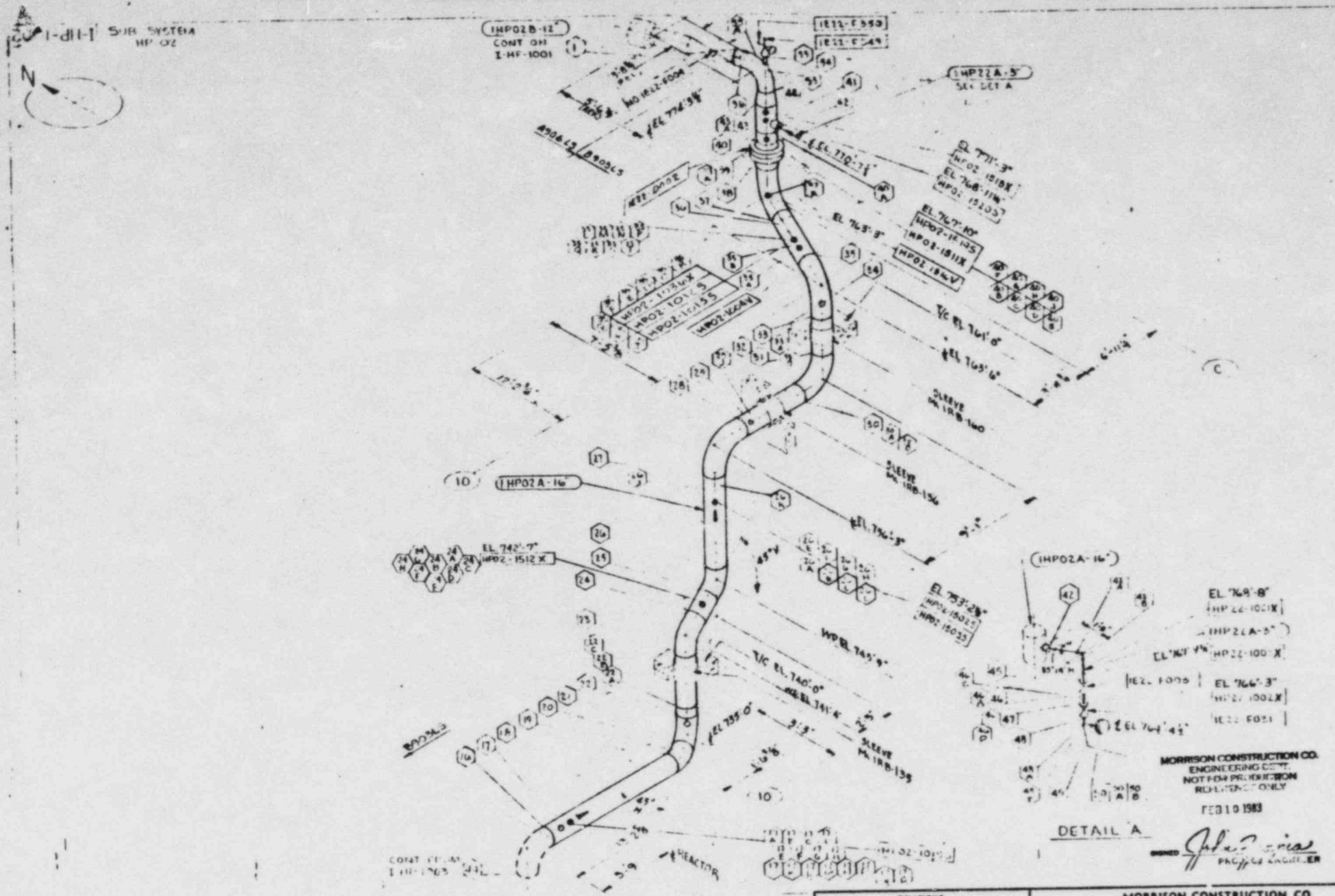
IR-64



LINE NO.	TRAVELLER NO.
IHP02A-16	HP-T-20
	HP-T-30

REVISIONS				
REV	Description	PR	CK	Date
C	PIPE WHIP RESTRAINT			2-14
A	SEE TRAVELLER HP-T-30			2-14
D	PIPE SUPPORT			4-26
E				

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

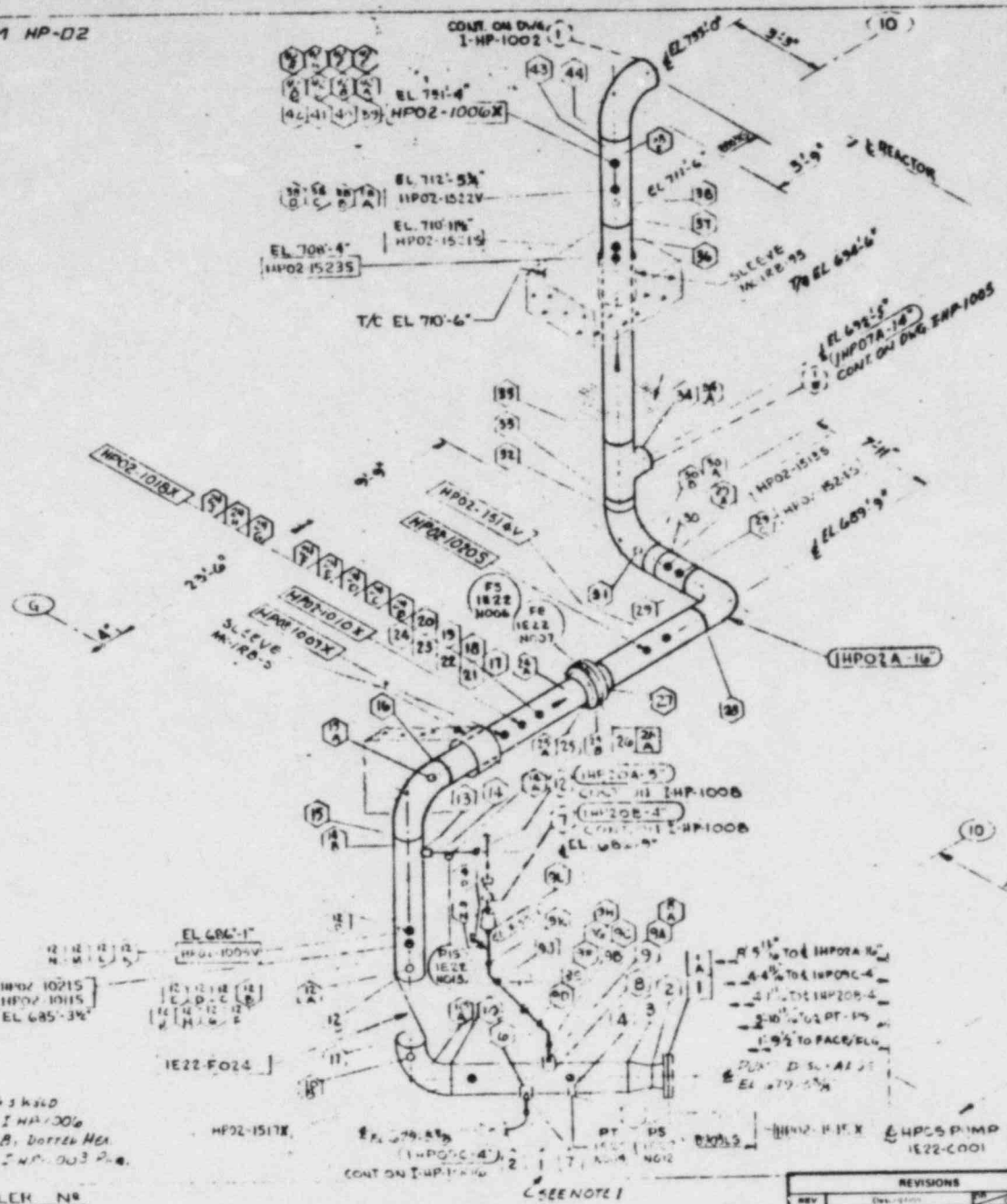
Job No. 2486 Fx 984 980 307
Drawn [illegible] Date 4-19-79
Traced [illegible] Date [illegible]
Checked [illegible] Date [illegible]
Approved [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
[illegible]
HIGH PRESSURE CORE SPRAY

REF Dwg Rev. M-52, F-FL-1, 1/8
As Built

MCC0150# I-HP-1002

SHEET 1
MCC0150-1-77



NOTE 1 DOSE EVALUATION FOR THIS HOLD UP IS BASED ON A POINT SOURCE LOCATED AT DOTTED HEX AS INDICATED ON DWG 1-HP-1003 PG.

LINE TO HPCI A Inj.

TRAVELLER NO HP T-20

MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
FEB 10 1983
PROJECT ENGINEER

REVISIONS			
REV	Description	By	Date
A	[illegible]	[illegible]	[illegible]

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

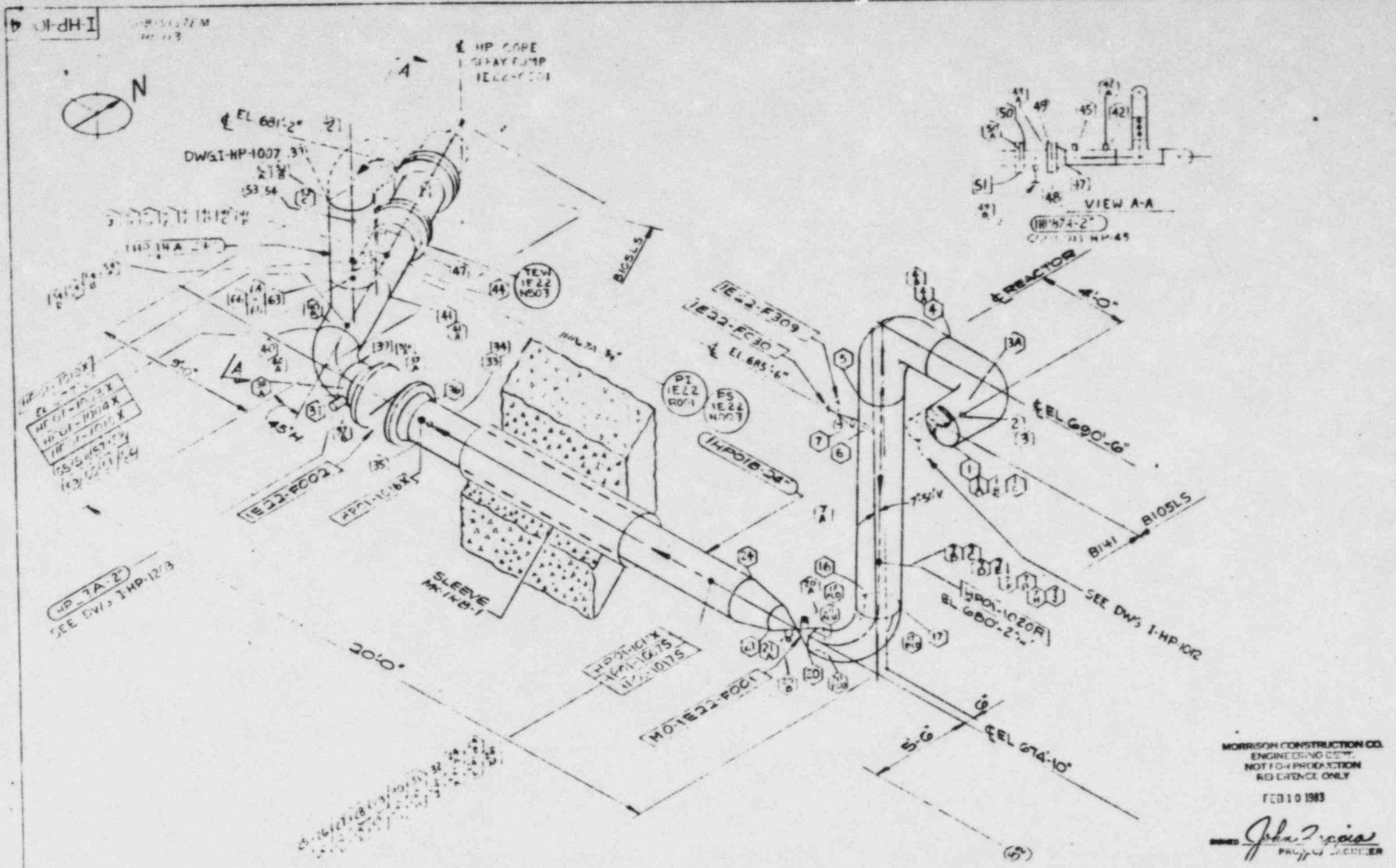
J.O. NO. 3466 Fa 984 900 307
ISI BASED ON ASME SEC XI
Drawn [illegible] Date [illegible]
Checked [illegible] Date [illegible]
APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
[illegible]
HIGH PRESSURE CORE SPRAY

REF Dwg. Rev. M-557
M-557 2/2, EE-[illegible]

MCC DRG. NO.

1-HP-1003



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
FEB 10 1983
SIGNED John Tropia
PROJECT ENGINEER

REVISIONS			
REV	Description	By	Date

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

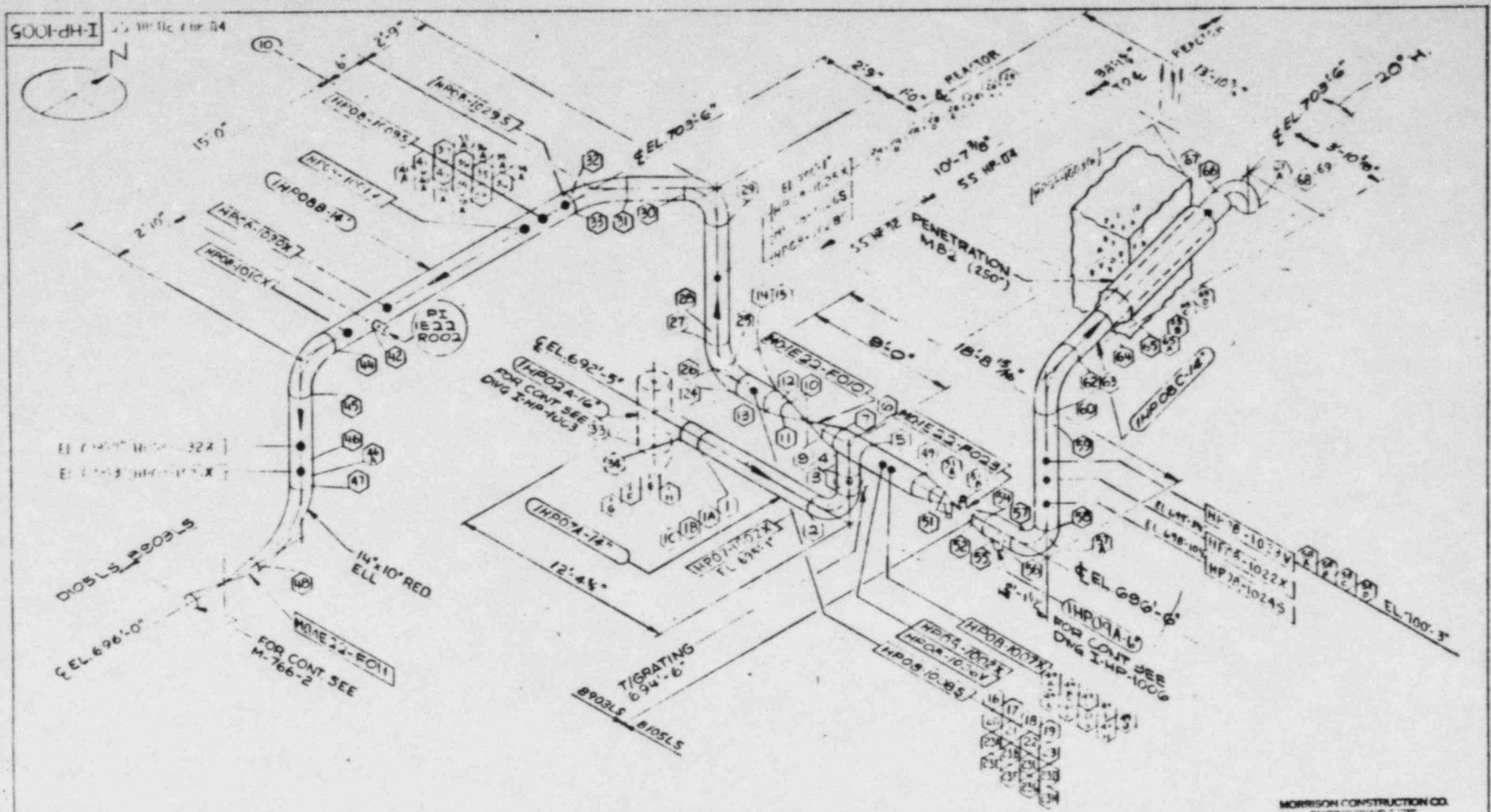
Job No. 2466 Fix 984 900 307
TSI ENGINEERING PROJECT #
MCCO 1-01-01-22 L

Drawn [illegible] Date
Checked Date
APPVD Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
HIGH PRESSURE CORE SPRAY

REF Dwg No. M-238 SH P, RP P, 2, 2 L

MCCO ISO # I-HP-1004


N
PENETRATION M84 (250°)
MOAE22-F010
MOAE22-F029
MOAE22-E011
FOR CONT SEE M-766-2
FOR CONT SEE DWG I-HP-1003
FOR CONT SEE DWG I-HP-1006
14"x10" RED ELL
T/GRATING 694'-6"
B903LS
B905LS
DIOSLS
EL 696'-0"
EL 692'-5"
EL 703'-6"
EL 709'-6"
EL 699'-6"
EL 700'-3"
12'-4¼"
18'-8 15/16"
8'-0"
10'-7 7/16"
55 HP-82
5'-1½"
3'-10 5/8"
20°
15'-0"
2'-9"
2'-11"
6"
PI IE22 R002
(IHP02A-16")
(IHP01A-14")
(IHP08B-14")
(IHP08C-14")
(IHP08A-10")
(IHP09-10")
(IHP10A-6")
IHBCA-1029S
IHBCA-1030X
IHBCA-1031X
IHBCA-1032X
IHBCA-1033X
IHBCA-1022X
IHBCA-1024S
IHBCA-1007X
IHBCA-1008X
IHBCA-1010V
IHP02A-1017S
IHP02A-1018S
IHP02A-1019S
IHP02A-1020S
IHP02A-1021S
IHP02A-1023S
IHP02A-1025S
IHP02A-1026S
IHP02A-1027S
IHP02A-1028S
IHP02A-1034S
IHP02A-1035S
IHP02A-1036S
IHP02A-1037S
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IHP02A-1042S
IHP02A-1043S
IHP02A-1044S
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IHP02A-1046S
IHP02A-1047S
IHP02A-1048S
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IHP02A-1061S
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IHP02A-1071S
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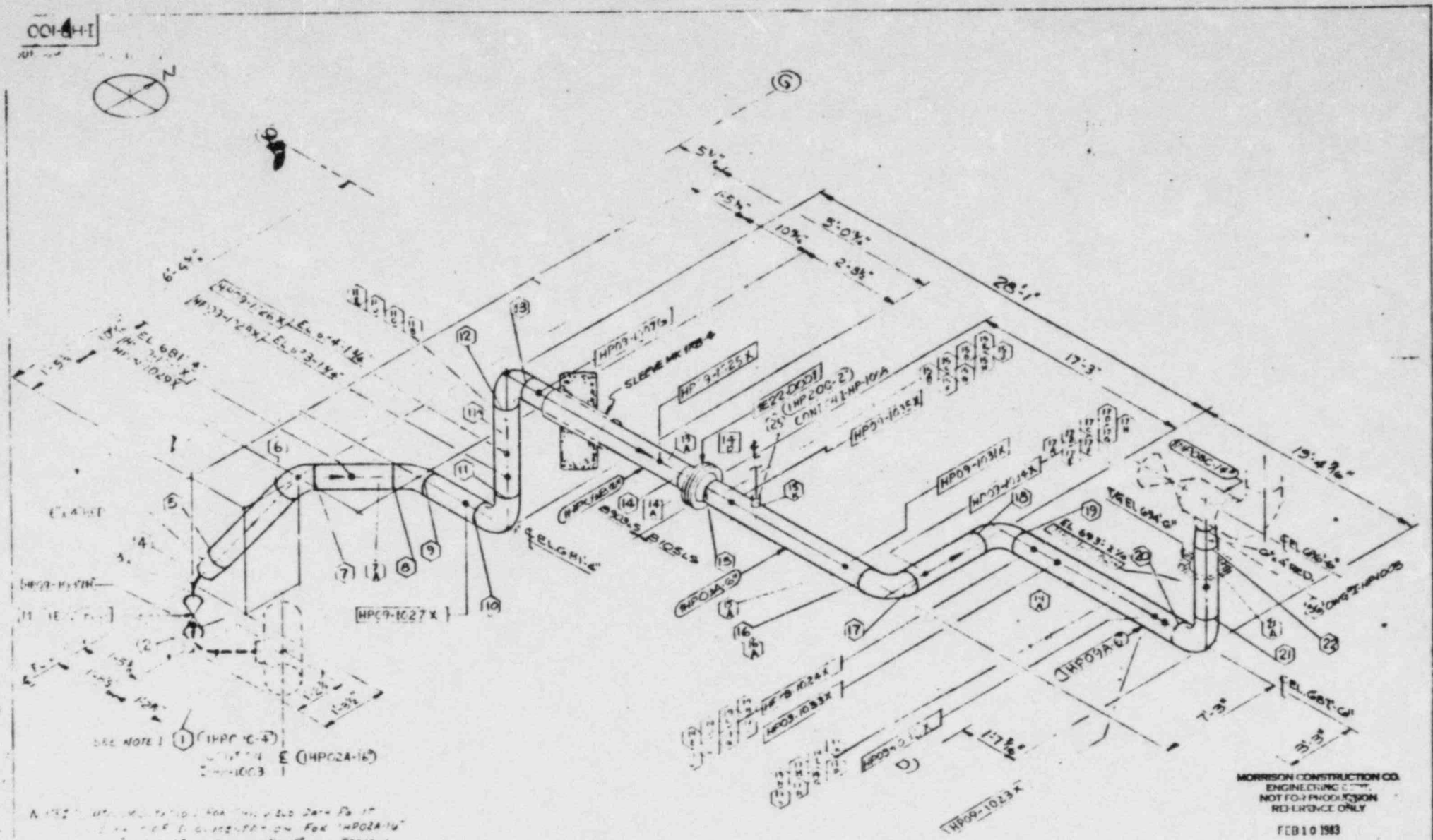
IHP02A-1073S


N
S
28'-1"
17'-3"
19'-4 9/16"
5'-0"
2'-3½"
6'-4"
1'-5"
10½"
EL 681'-4"
EL 680'-6"
EL 669'-3 1/4"
EL 668'-6"
EL 668'-0"
EL 667'-6"
SLEEVE MK 1103-4
HP09-1027X
HP09-1028X
HP09-1029X
HP09-1030X
HP09-1031X
HP09-1032X
HP09-1033X
HP09-1034X
HP09-1035X
HP09-1036X
HP09-1037X
HP09-1038X
HP09-1039X
HP09-1040X
HP09-1041X
HP09-1042X
HP09-1043X
HP09-1044X
HP09-1045X
HP09-1046X
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HP09-1048X
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HP09-1058X
HP09-1059X
HP09-1060X
HP09-1061X
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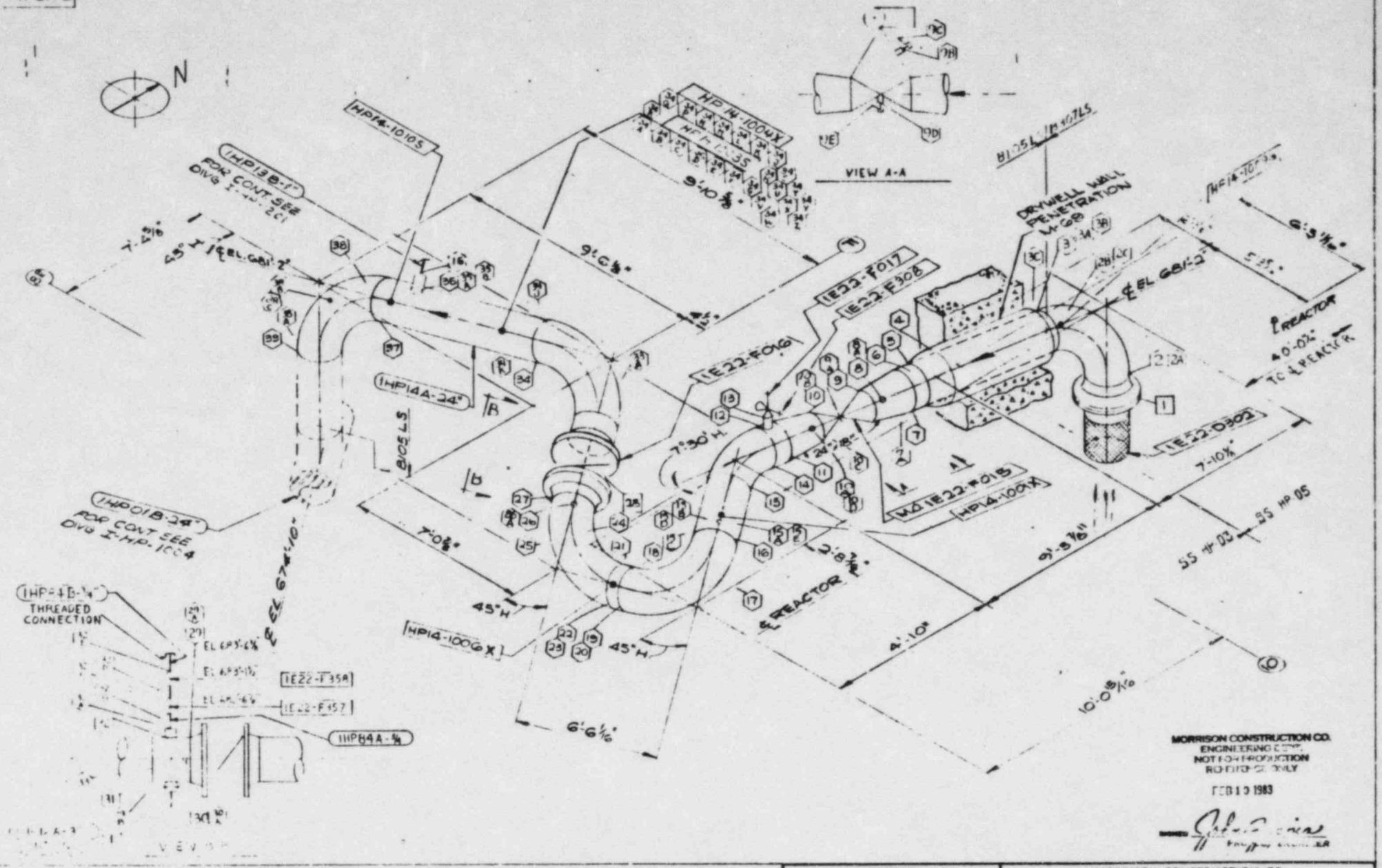
HP09-1063X
HP09-1064X
HP09-1065X
HP09-1066X

I-HP-1007 | SUB SYS: HP 03 / HP 05



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
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RECEIPT ONLY

FEB 10 1983

SIGNED

REVISIONS			
REV	Description	By	Date
NO	PRELIM		2-27-79
A			
	REVISED FOR [illegible]		

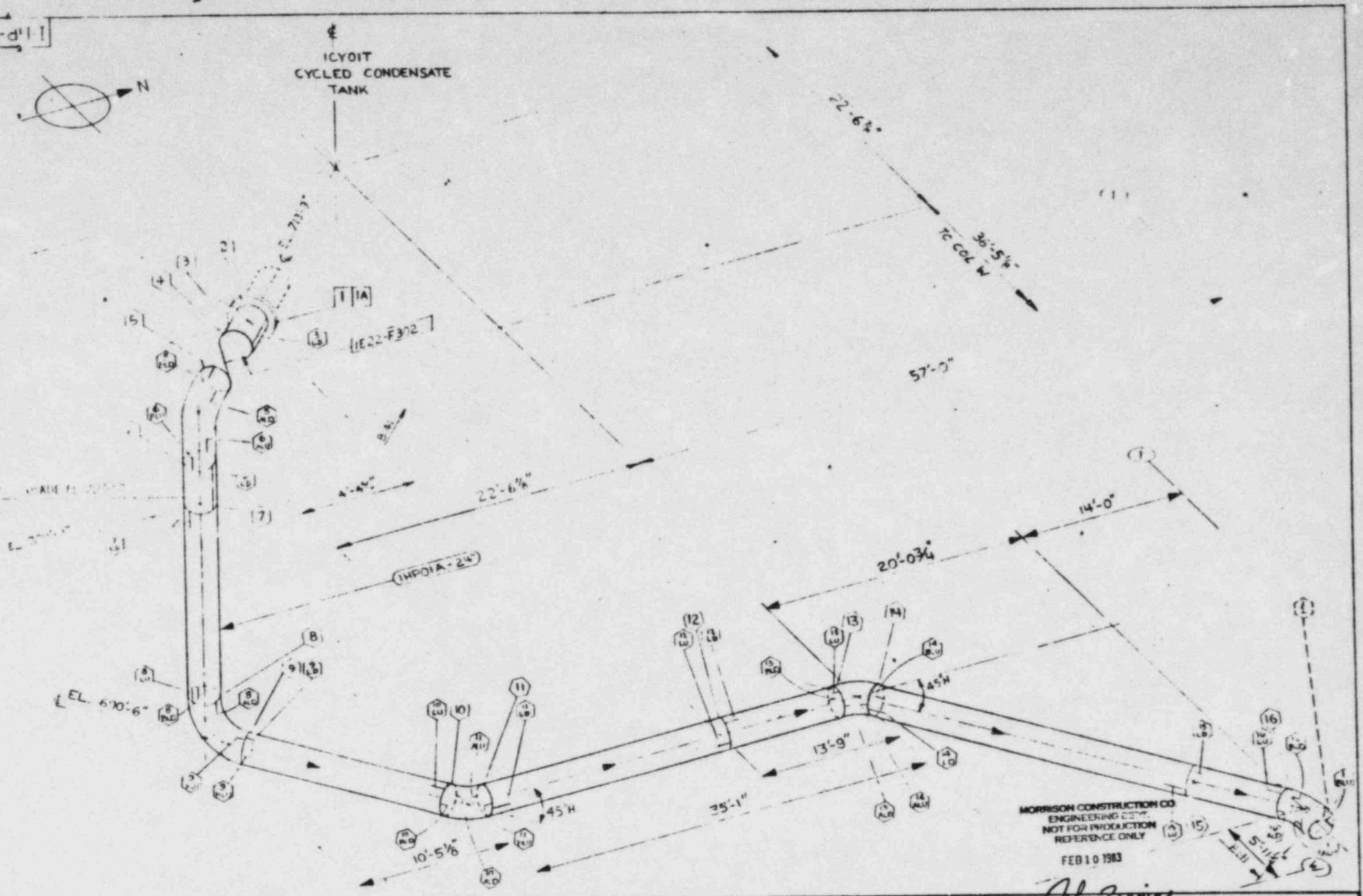
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No 3486 Pa 004 100 207 — Drawn — Date 10/31/79
FSI BASED ON ASME SECT XI E — Checked — Date —
MCC "I" E, OL-2&L — APPVD — Date —

COMMONWEALTH EDISON CO LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
HIGH PRESSURE CORE SPRAY

REF Dwg Rev —
M-858 SH 2, M-858 SH 2

MCC DWG NO
I-HP-1007



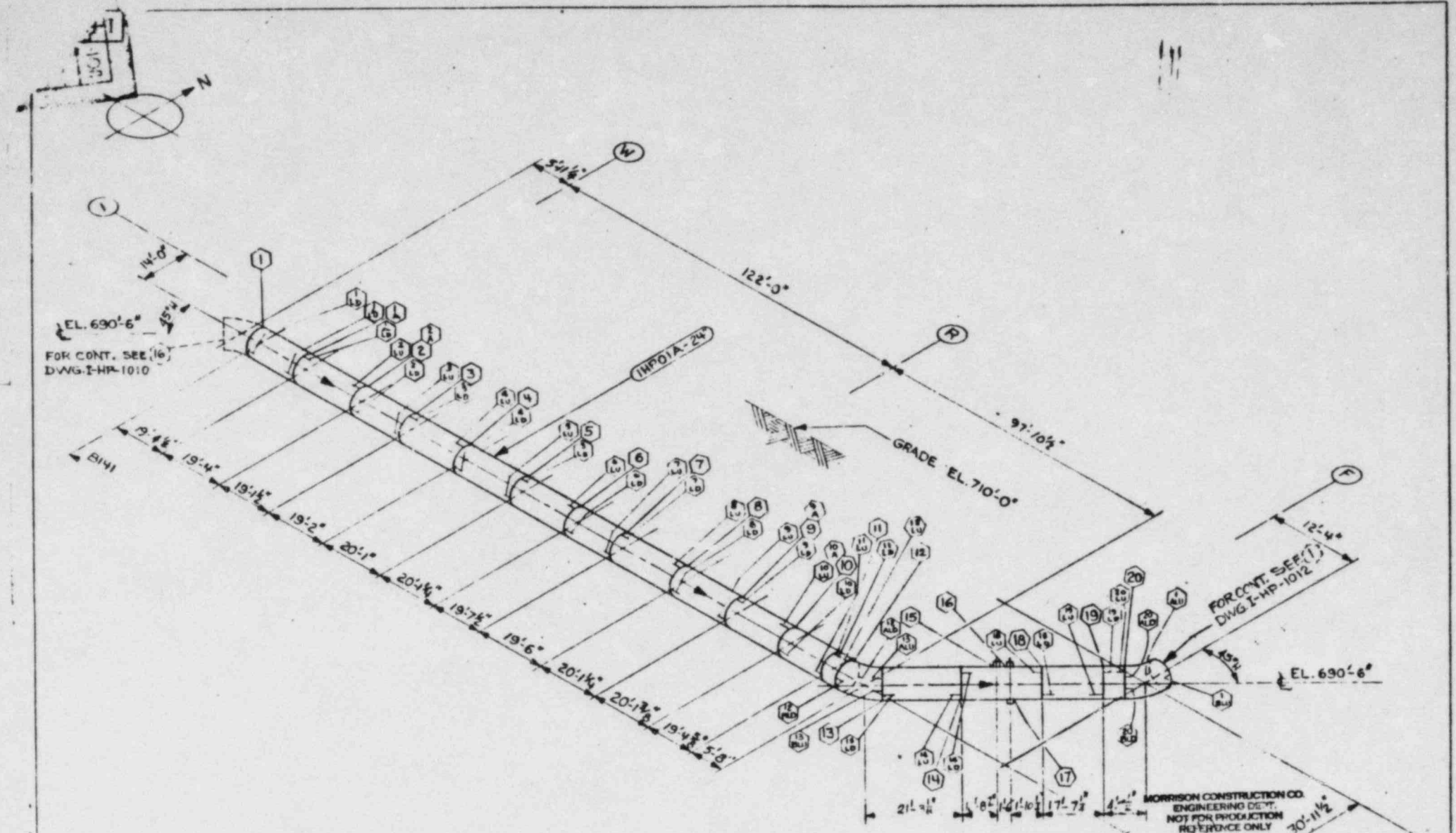
REVISIONS				
REV	Description	By	Ck	Date
3	PRELIM			

MORRISON CONSTRUCTION CO.
RAYMOND, INDIANA

Job No. 2466 Fa 984 980 307

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
IN SERVICE INSPECTION
HIGH PRESSURE CORE SPRAY

MCCO ISO # 1-HP-K10



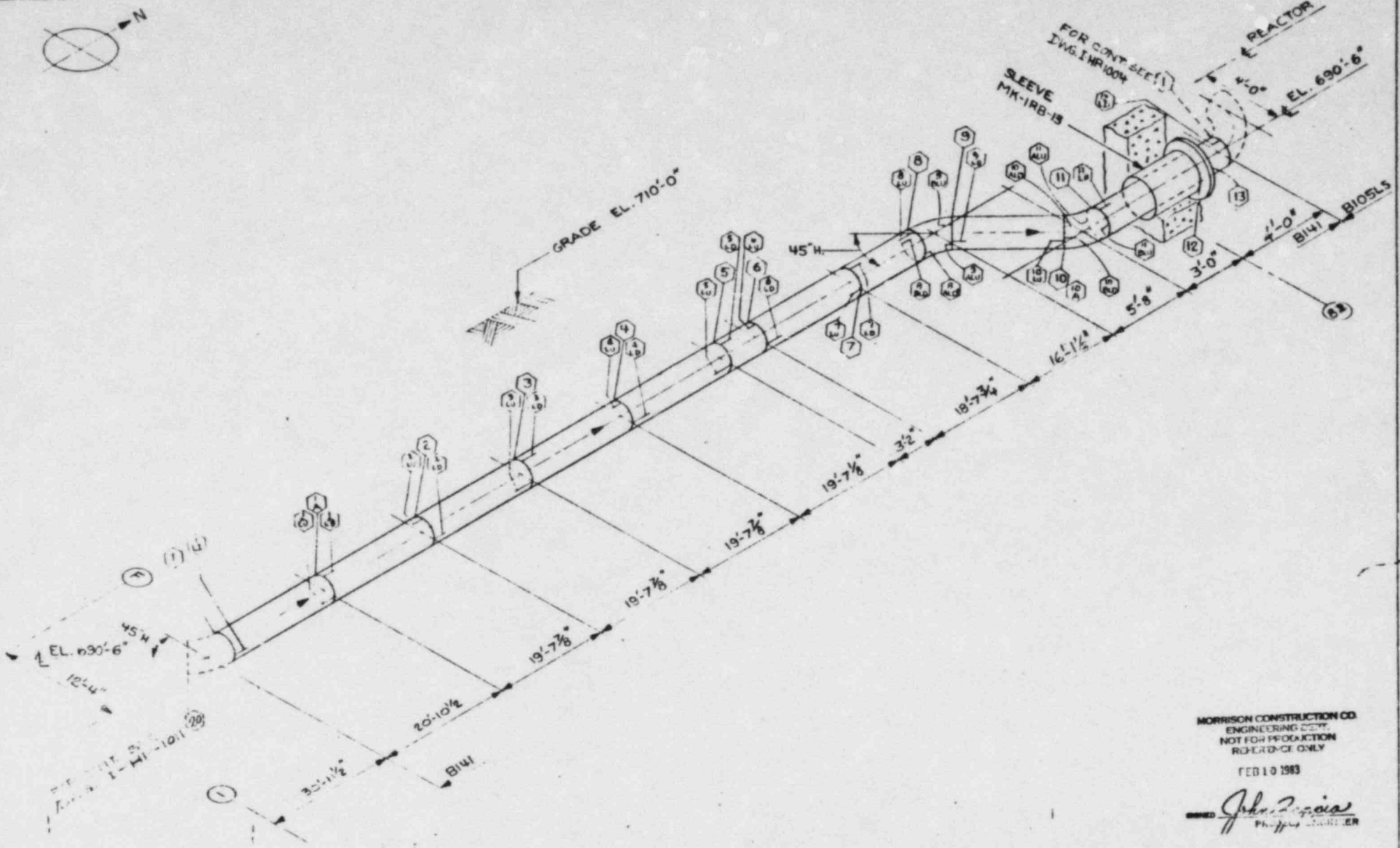
REVISIONS			
REV	Description	BY	Date
0	PRELIM		6 2 78
1	Rel. To Ltr. HP-C-183		

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3668 Pr 884 980 307 — Drawn RM — Date 2-17-78
Traced — Checked — Date —
Engineered BASED ON ASME SEC. III, CL. 2 — APPVD — Date —

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
HIGH PRESSURE CORE SPRAY

Ref. Dwg. Rev. M-32, M-33, M-34, M-35, M-36, M-37, M-38, M-39, M-40, M-41, M-42, M-43, M-44, M-45, M-46, M-47, M-48, M-49, M-50, M-51, M-52, M-53, M-54, M-55, M-56, M-57, M-58, M-59, M-60, M-61, M-62, M-63, M-64, M-65, M-66, M-67, M-68, M-69, M-70, M-71,



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
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SIGNED John Zapica
PROJECT ENGINEER

REVISIONS			
REV	Description	AR	Date
	...ELIM		6-2 78
	Rev. Per Cecil HDC 2...		...
	...		...
	Rev. Per CASCO HDC 259		...
	... WCO 537		...

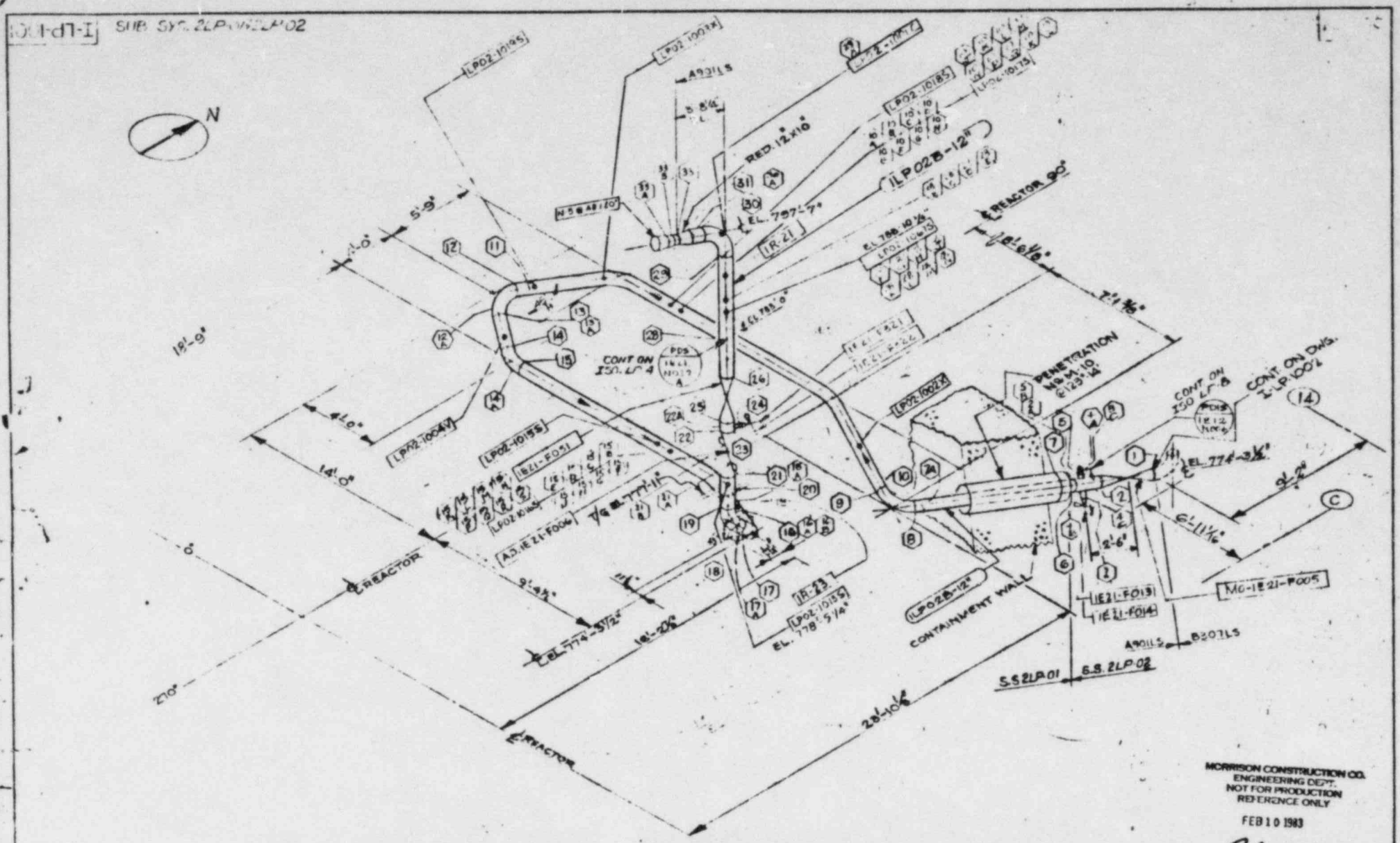
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Fx 984 980 207
Title BUILT-IN ASME SECTION
Drawn R.M. Date 2-20-78
Checked ... Date ...
APPVD ... Date ...

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
HIGH PRESSURE CORE SPRAY

REF Dwg Rev ... 2 3 ... W
HP S 12 ... 2 ... HP 2 ...

MCCO ISO # 1-HP-1012



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

FEB 10 1983

Signed John Zappia
PROJECT ENGINEER

REVISIONS			
REV	Description	PE	Date
	PRELIMINARY		

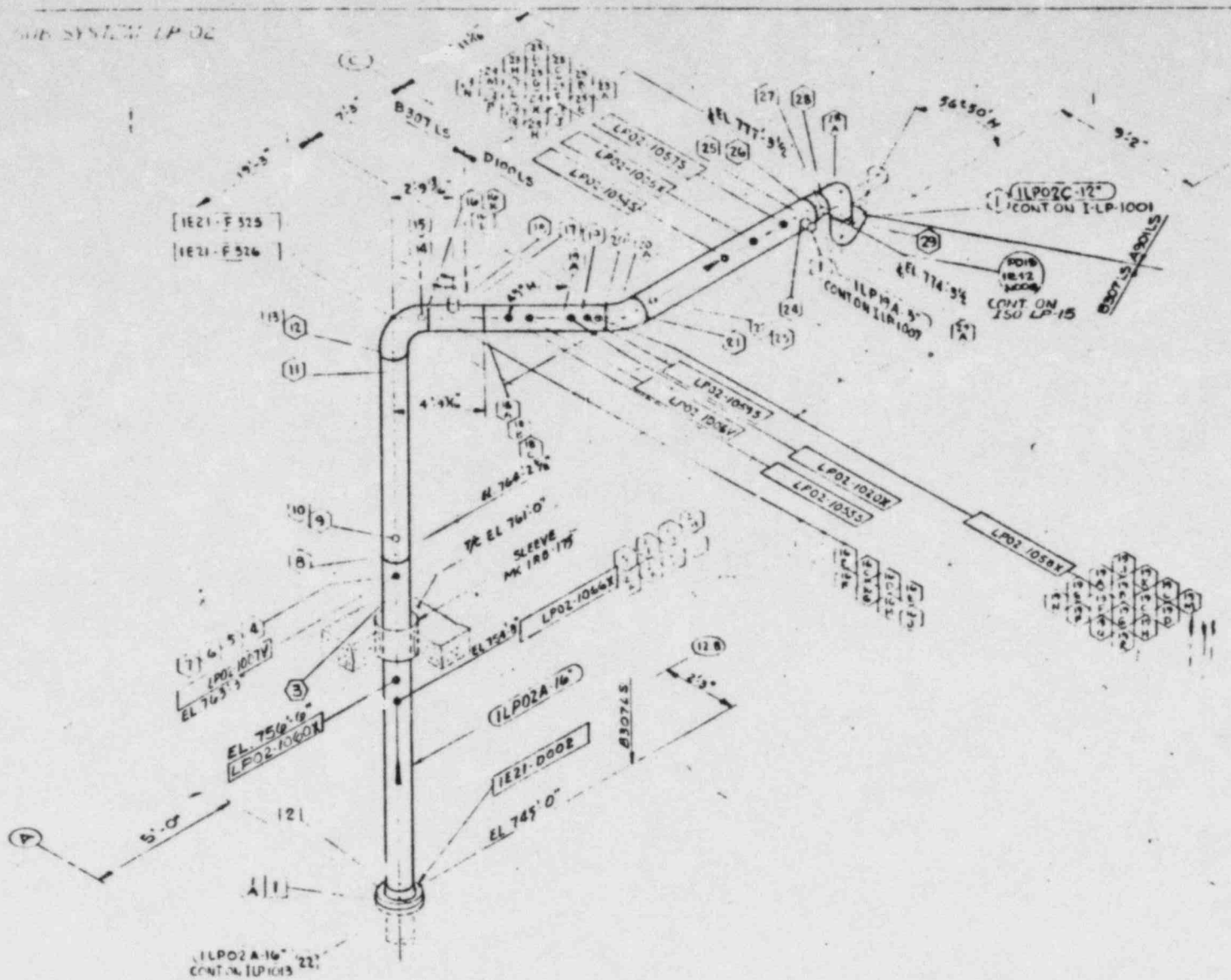
MORRISON CONSTRUCTION COMPANY
HAMMOND, INDIANA

SCALE NONE
DATE 8-1-77
DRAWN BY
CHECKED

LA SALLE COUNTY STATION — UNIT 1
INSERVICE INSPECTION
LOW PRESSURE CORE SPRAY NORTH LOOP

REF DWG M-94/5 J1837 1/A1, BE-8571/1

ISOMETRIC NO. I-LP-1001



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
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REFERENCE ONLY

FEB 10 1983

SIGNED John Zappia
PROJECT ENGINEER

TRAVELER 0-2 LINE NO. 1LP02A-16

REVISIONS				
REV	Description	By	Ck	Date
0	PRELIM.			9-14-82
4	Rev. To Cable MDC 170			10-29-82
8	Rev. To Cable MDC 218			11-16-82
C	Rev. To Cable MDC 218			12-1-82
D	Rev. To MCO*434			12-7-82
E	Rev. Orient per 7689			1-3-83

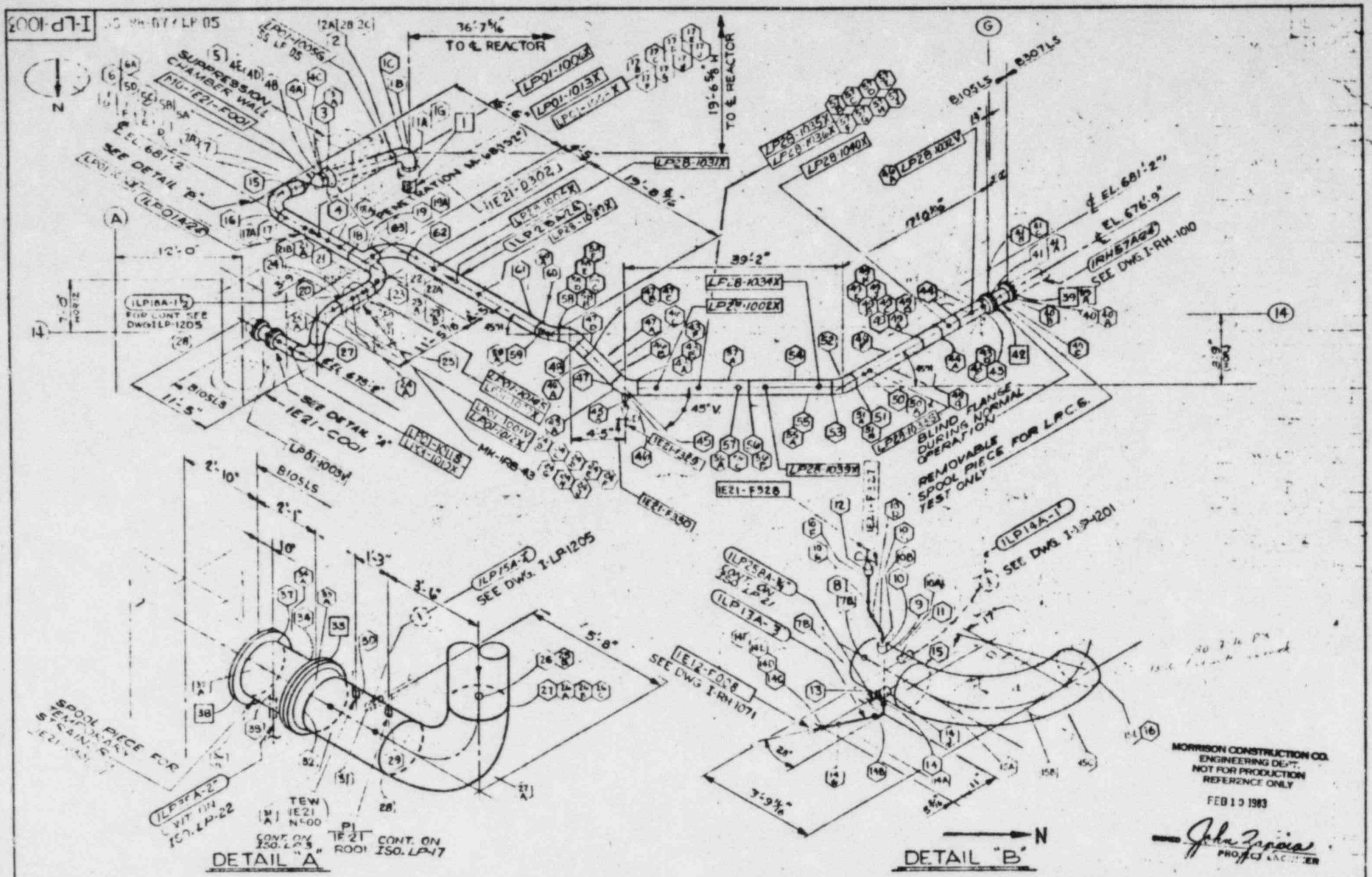
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Pa 984 980 307 | Drawn M.S. Date 4-12-82
ISI BASED ON ASME B & PVC XI 83 | Checked S.W. Date 5-12-82
MCCO*ISI-OL-21/M | APPVD J. Zappia Date 6-11-82

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
LOW PRESSURE CORE SPRAY

REF Dwg Rev M-241-R, M-241-AE
M-832-L, M-831-AD

MCCO ISO # I-LP-1002



LINE NO. IL-E12A-24" TF." LP.T-11
LINE NO. IL-P10A-24" TH" LP.T-1

REVISIONS			
NO.	DESCRIPTION	BY	DATE
	PRELIMINARY		

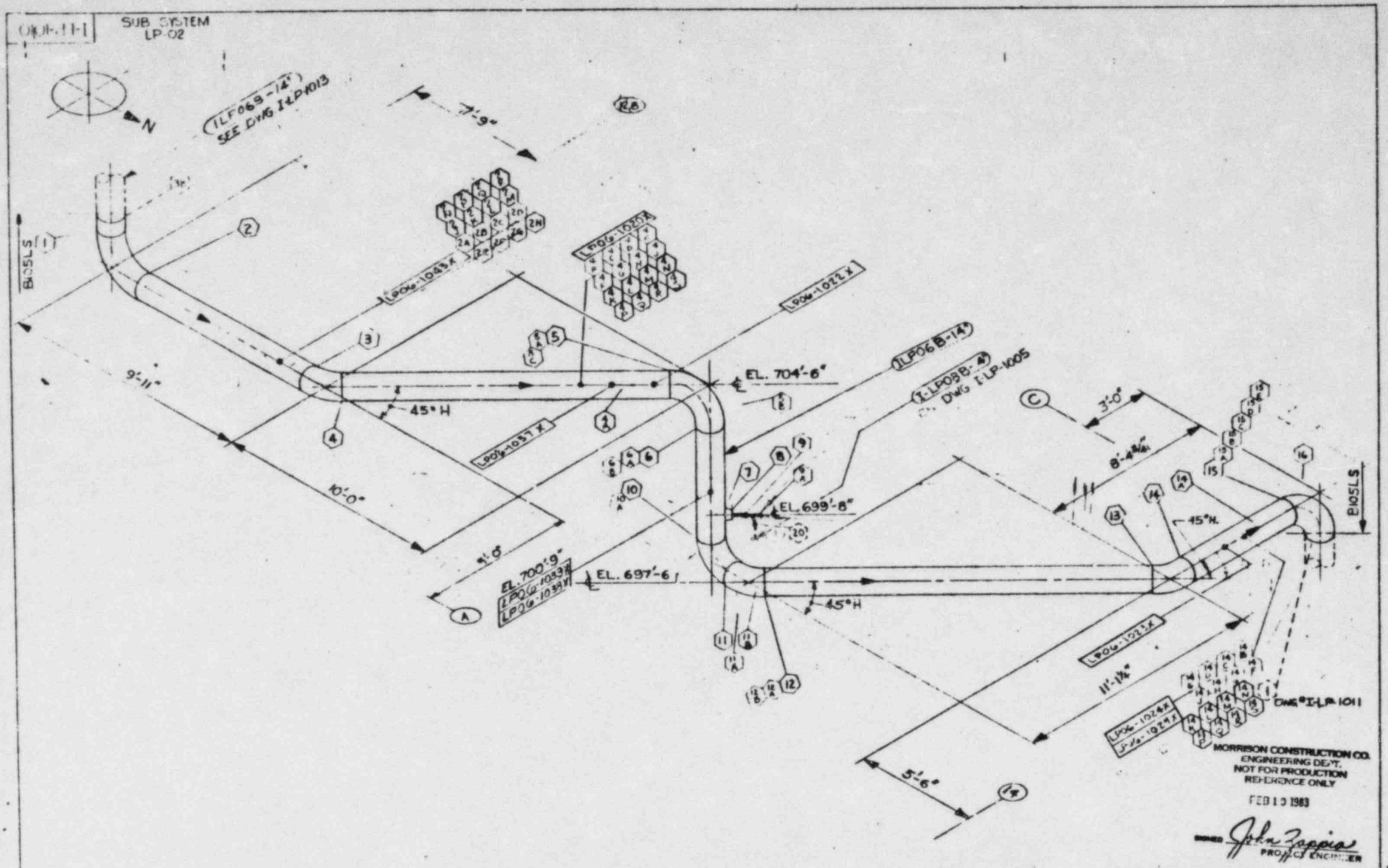
MORRISON CONSTRUCTION COMPANY
HAMMOND, INDIANA

SCALE NONE	1:1 BASED ON A 24"	DRAWN BY JEA
DATE 3-8-77	SECTION [illegible]	CHECKED [illegible]

LA SALLE COUNTY STATION UNIT 1
IN-SERVICE INSPECTION
LOW PRESSURE CORE SPRAY SYSTEM

REF. DWG. BE 857 1/2, M 857-19, M 94/14, M-57-3A

ISOMETRIC NO. I-LP-1003



LINE NO. 1LP06B-14"
TRAVELER - LP-05

REVISIONS				
REV	Description	PM	CS	Date
0	PRELIM.			6-18-78
A	Mod. to Class-MC-1110			8-30-78
B	Rel. to Class MC-1110			11-14-78
C	Mod. to Class MC-1110			8-1-80
D	Rel. to ISI-MC-1110			1-14-82
E	Mod. to Class MC-1110			12-3-82

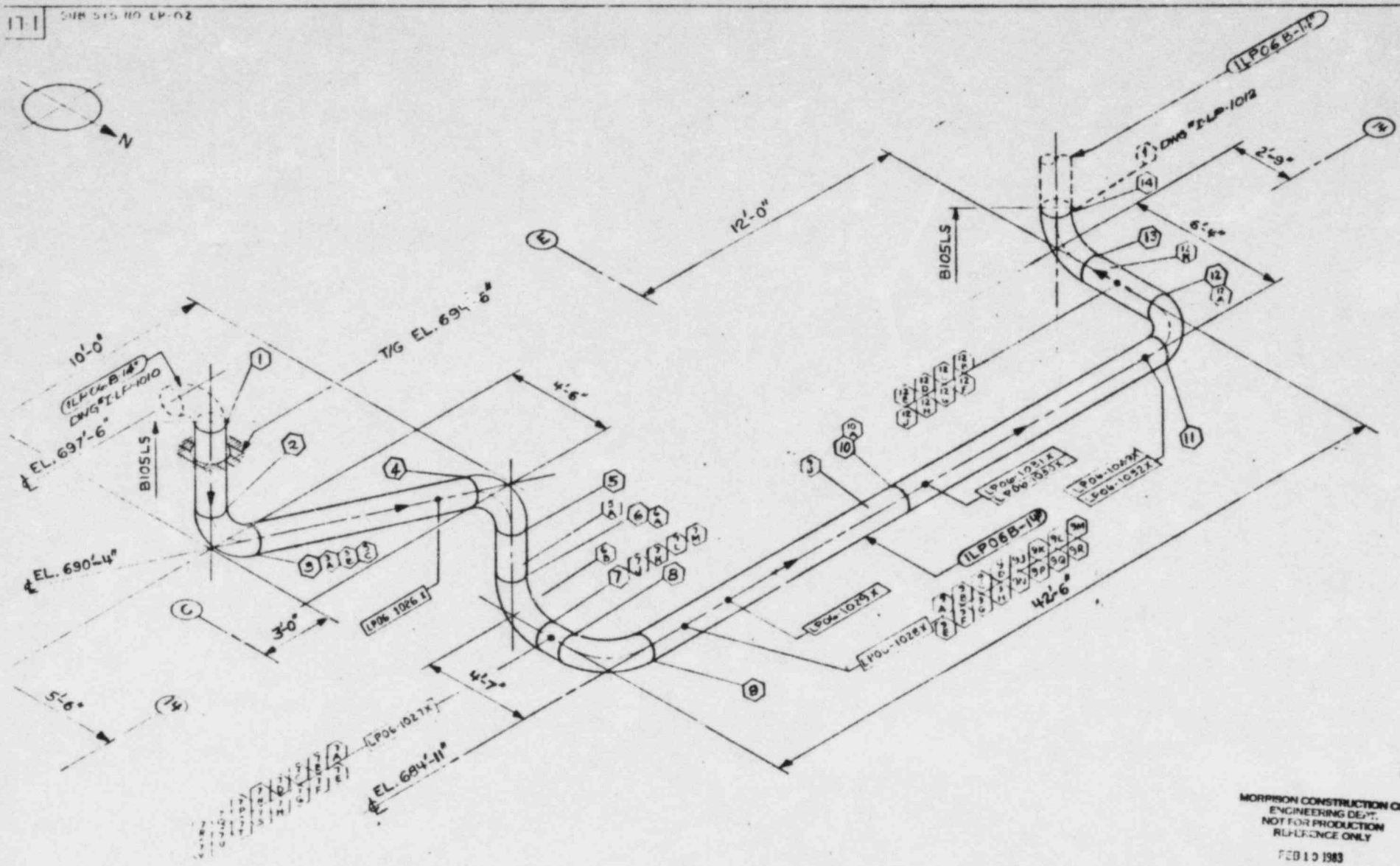
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2666 Pa 994 900 337	Drawn PM	Date 2-21-78
ISI BASED ON ASME SEC. XI	Checked JS	Date 8-14-78
MCCO NO. ISI-03-20M	APPVD [illegible]	Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
[illegible] LOW PRESSURE CORE SPRAY

REF. Dwg. No.	MCCO ISO #
M-94A, BE-ESK-4A1, M-ESK-4A1	I-LP-1010

17-1 SUB SYS NO LP-02



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
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REFERENCE ONLY

FEB 10 1983

SIGNED John Zappia
PROJECT ENGINEER

10 (1LP06B-14" TR NO LP-T5

REVISIONS			
REV	Description	BY	Date
"0"	PRELIM.		5-5-78
A	Rel. to Sheet No. 17		12-20-79
B	Rel. to Sheet No. 210		11-16-81
C	Rel. to Sheet No. 224		8-11-82
D	Rel. to Sheet No. 227		11-18-82
E	Revised per NCR 3232		11-3-82

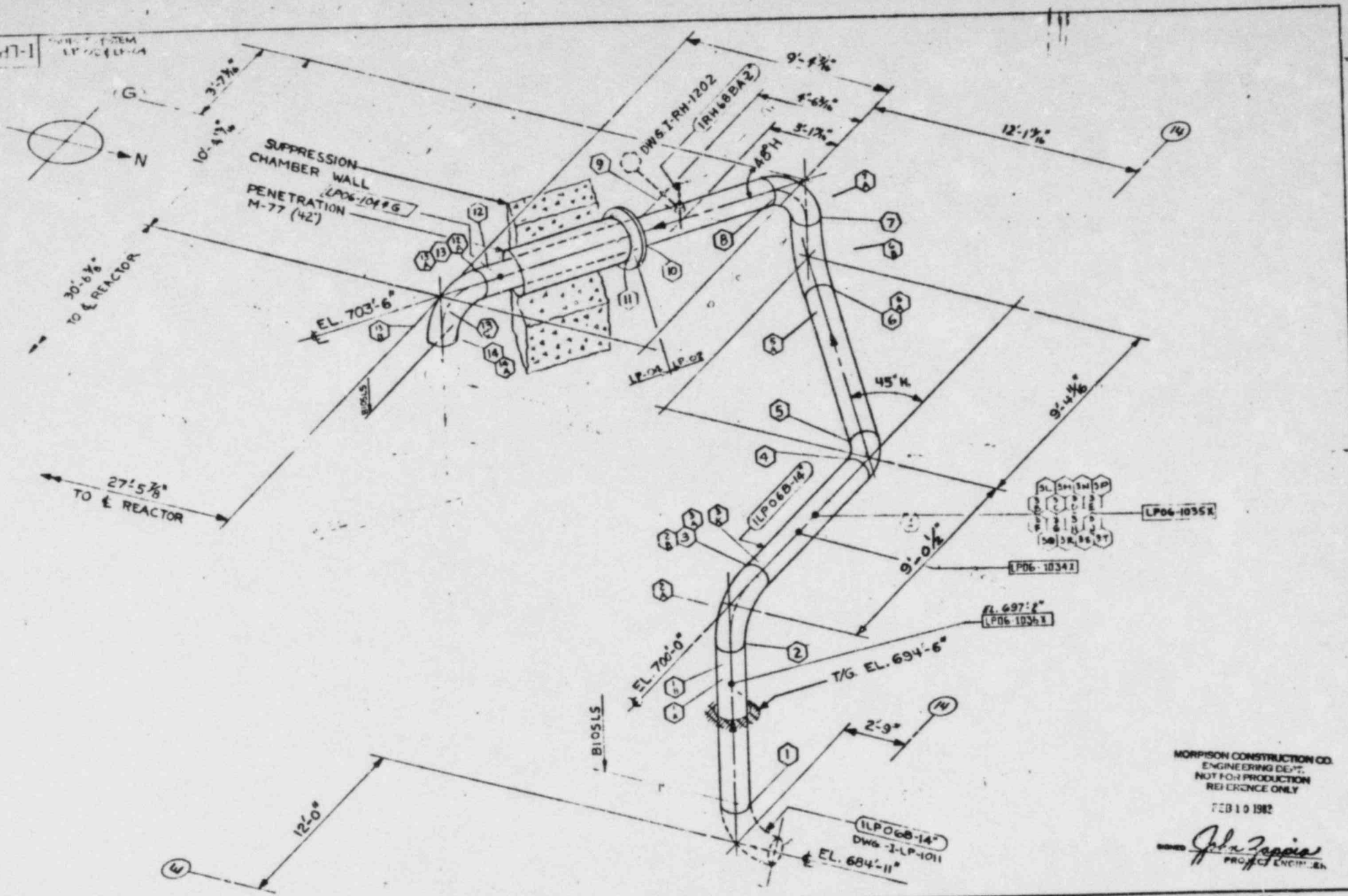
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Ex 986 980 307
BASED ON A-MF SECT. 2.4
MCCO NO. 1SI-QL-21M

Drawn FM Date 2-24-78
Checked TS Date 5-12-78
APPVD Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
IN-SERVICE INSPECTION
LOW PRESSURE CORE SPRAY

REF. Dwg. Rev. M-94/M-6F-827-4, M-827-5 K
MCCO ISO # I-LP-1011



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
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REFERENCE ONLY

FEB 10 1982

SIGNED John Zappia
PROJECT ENGINEER

LINE NO. ILP06B-14" TR* LP-T-5

REVISIONS				
REV	Description	Job	Eng	Date
C	PRELIM.			6-18-80
4	PER TQ'S E&O-80-G(20)			1-23-81
5	PER TQ'S E&O-80-218			11-16-81
6	PER TQ'S NRC 338			1-14-82
7	PER TQ'S NRC [illegible]			1-14-82
8	PER PRIME SPEC 2677			3-3-82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

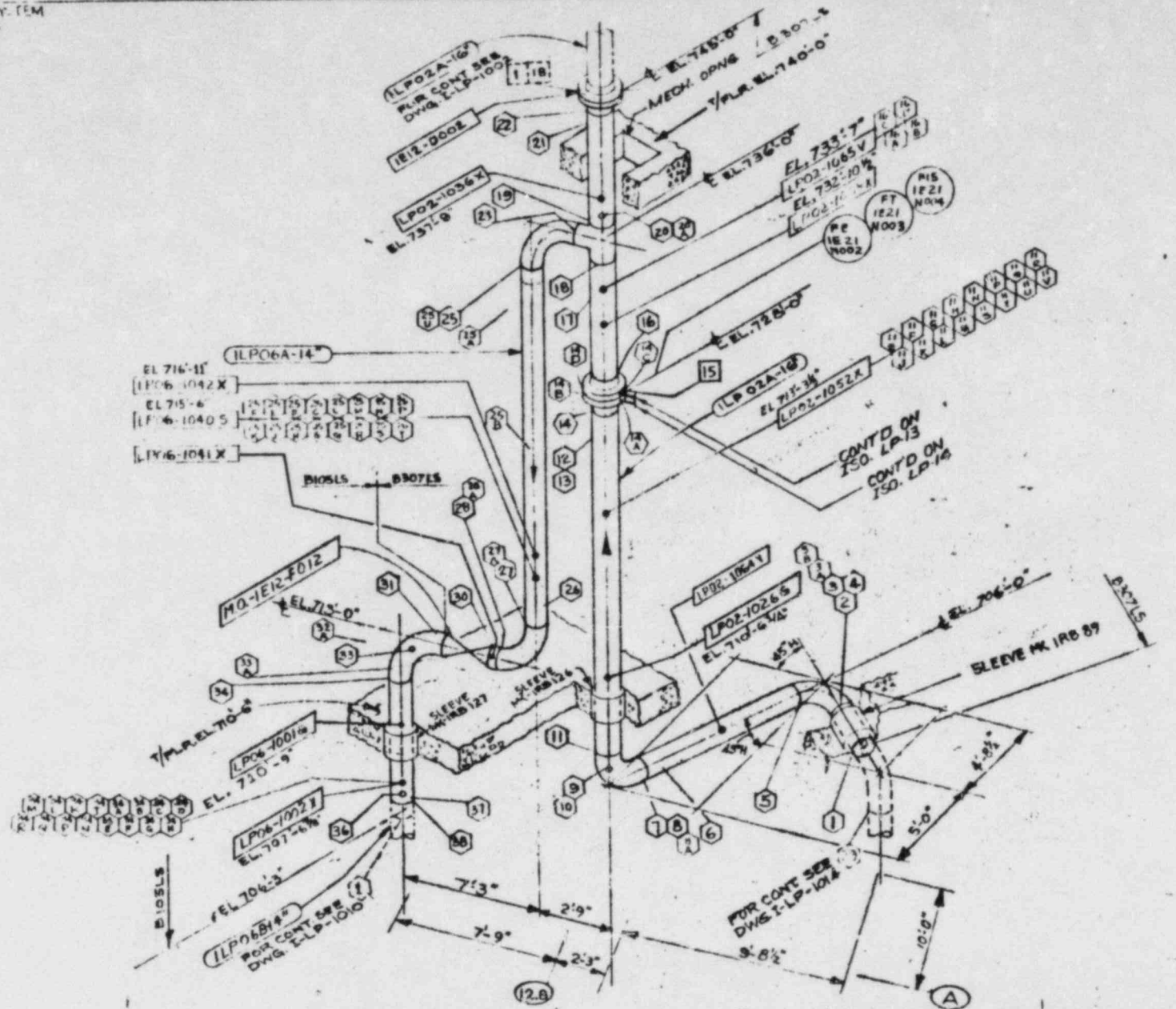
Job No. 2466 Pg 994 980 307
Drawn PM Date 2-27-
Checked JS Date
APPVD Date
PER BASELINE SCHEME SECT XI.4
MCCO NO. 1-01-2/M

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
LOW PRESSURE CORE SPRAY

REF Dwg. Nos. M-94-5 BE 557-4/1 M-557-4/M

MCCO 1980 # I-LP-1012

MCCO 1980 # I-LP-1012



N

SUBSYSTEM

I-LP-13

MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
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REFERENCE ONLY

FEB 10 1983

SIGNED John Zappia
PROJECT ENGINEER

TRAVELER N°	LINE N°
LP-T 2	LP02A 16"
LP-T 4	LP08A 14"
LP-T 5	LP06B 14"

REVISIONS			
REV	Description	By	Date
0	ISSUED FOR REVIEW		4-15-82
A	REV TO CODE ADD'D		7-7-82
B	REV TO CODE ADD'D		7-14-82
C	REVISED TO CODE ADD'D		8-4-82
D	REVISED TO CODE ADD'D		10-28-82
E	ISSUED FOR FINAL		12-3-82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

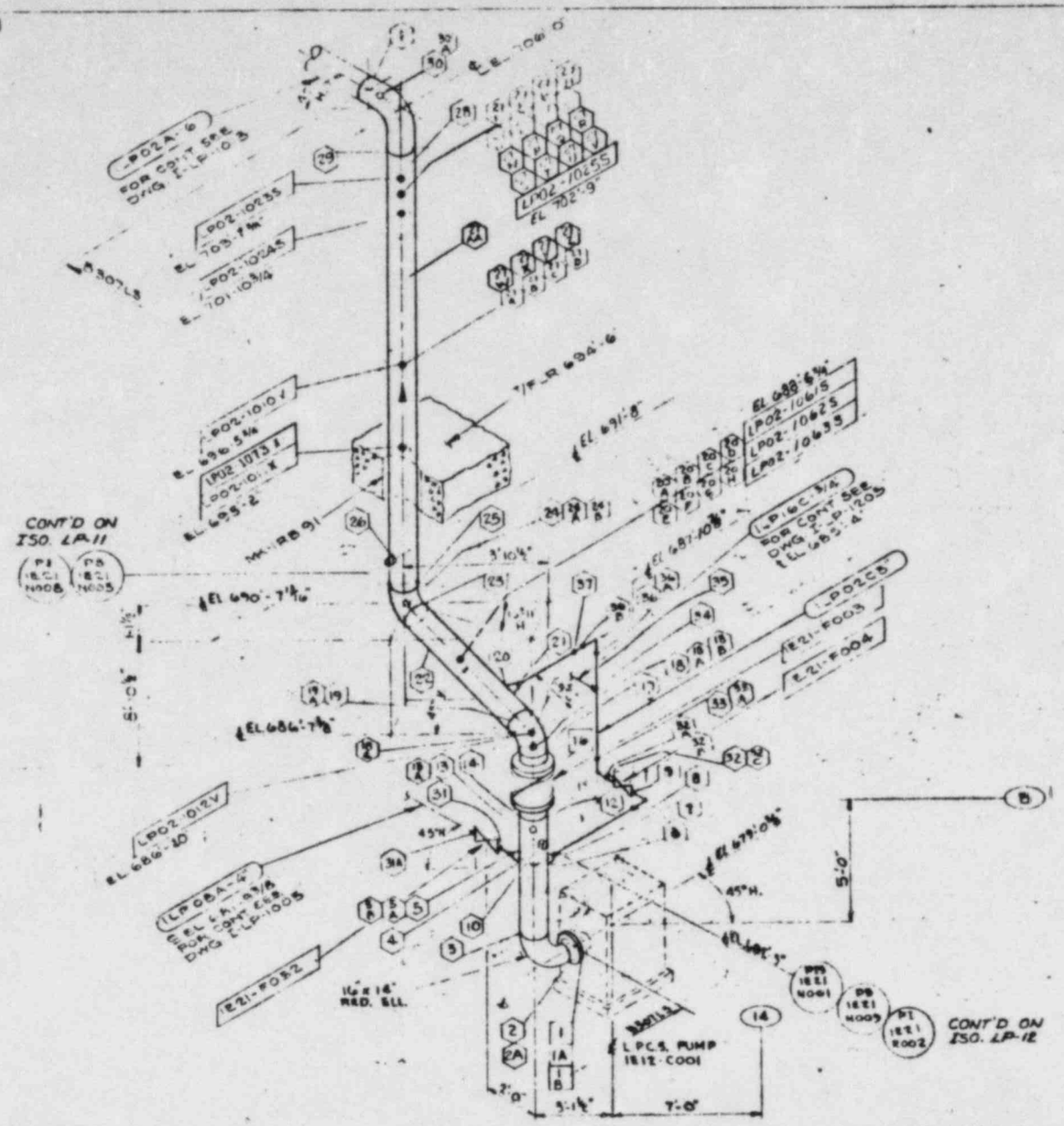
Job No. 3466 P.O. 904 900 307
TEST PER ASME SECT. XI
MCCO I.S.I. P.M.

Drawn [illegible] Date 2-20-82
Checked [illegible] Date 2-22-82
APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
LOW PRESSURE CORE SPRAY

REF Dwg. Rev.
M-1N-1LP-1S2 LINE 16" SH 532-0

MCCO ISO #
I-LP-1013



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

FEB 10 1983

SIGNED John Ingram
PROJ. ENGINEER

LINE NO. ILP02A-16"
TRAVELER LPT-2

REVISIONS				
REV	Description			Date
A	PRELIMINARY			6 9 78
B	PER TVA CRED MEETING			8 30 79
C	PER TVA COMMENTS 2-8-80			3-11-80
D	PER TVA COMMENTS 4-8-80			4-18-80
E	PER TVA COMMENTS 6-3-82			6-3-82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

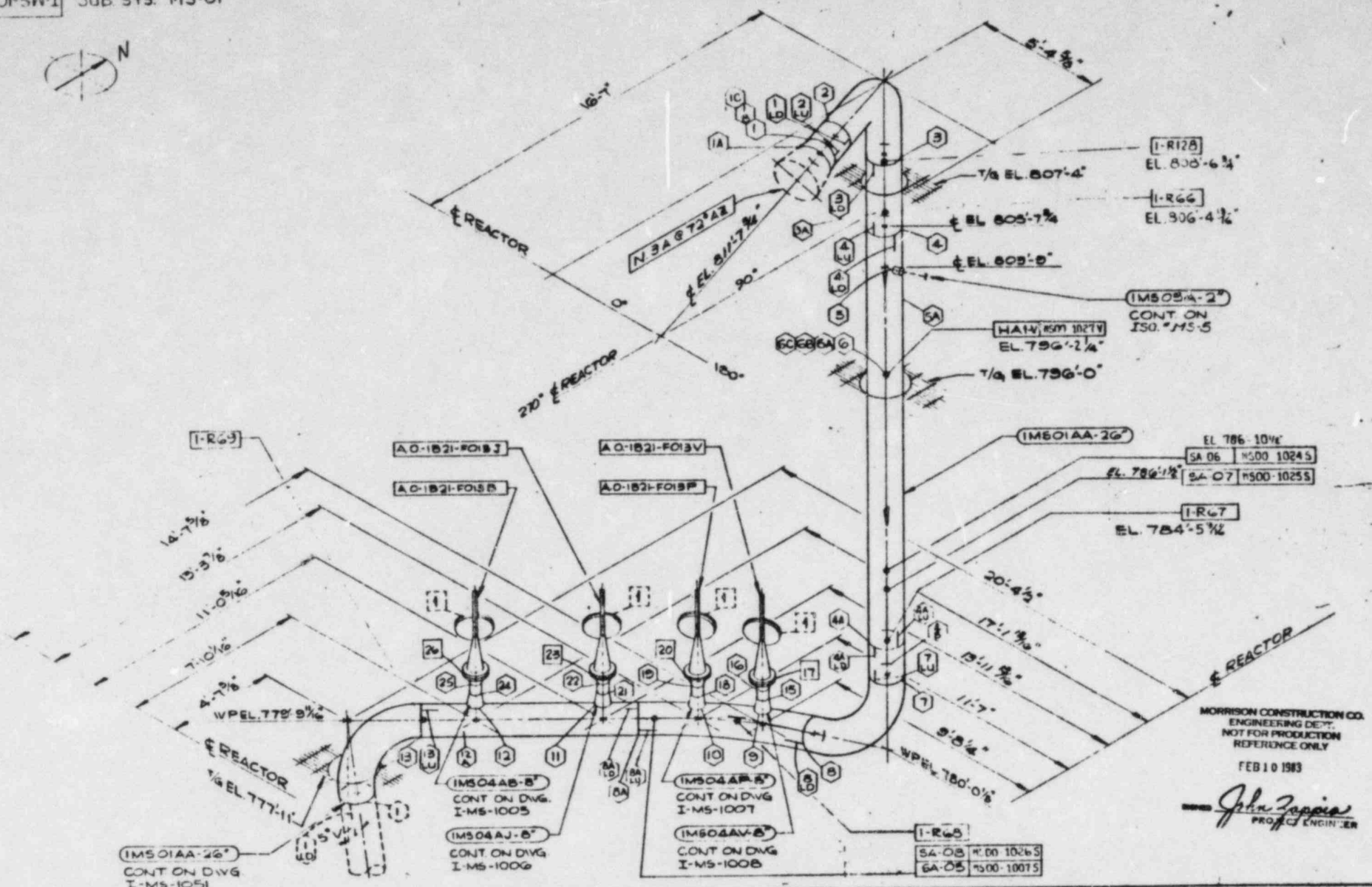
Job No. 3466 Pg 984 980 307	Drawn MRM Date 2-21-78
I.S.I. RATED ON ASME SECT. XI & MIL-STD-271 GL-2A/M	Checked R.J.P. Date 4-21-78
	APPVD [illegible] Date 2-21-78

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
ISO # PRESSURE CORE SPRAY SYS V

REF Dwg. No. Y-3-A-651 REV. 8 SH 1

MCCO ISO #
I-LP-1014

1001-SW-I SUB SYS. MS-01



MS-T-34
IMS04AB-8"
IMS04AJ-8"
IMS04AF-8"
IMS04AV-8"
MS-T-42

MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
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REFERENCE ONLY
FEB 10 1983
John Zappia
PROJECT ENGINEER

REV	Description	By	Date
I	REDRAWN		8-18-82
A	PER [illegible] & MR		
B	[illegible]		
C	[illegible]		
D	PER [illegible]		
E	[illegible]		

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2466 Pa 984 000 307
TSY BASED ON ASME SECT XI E
MCCQM I-3I-OL-1/D & 2/E

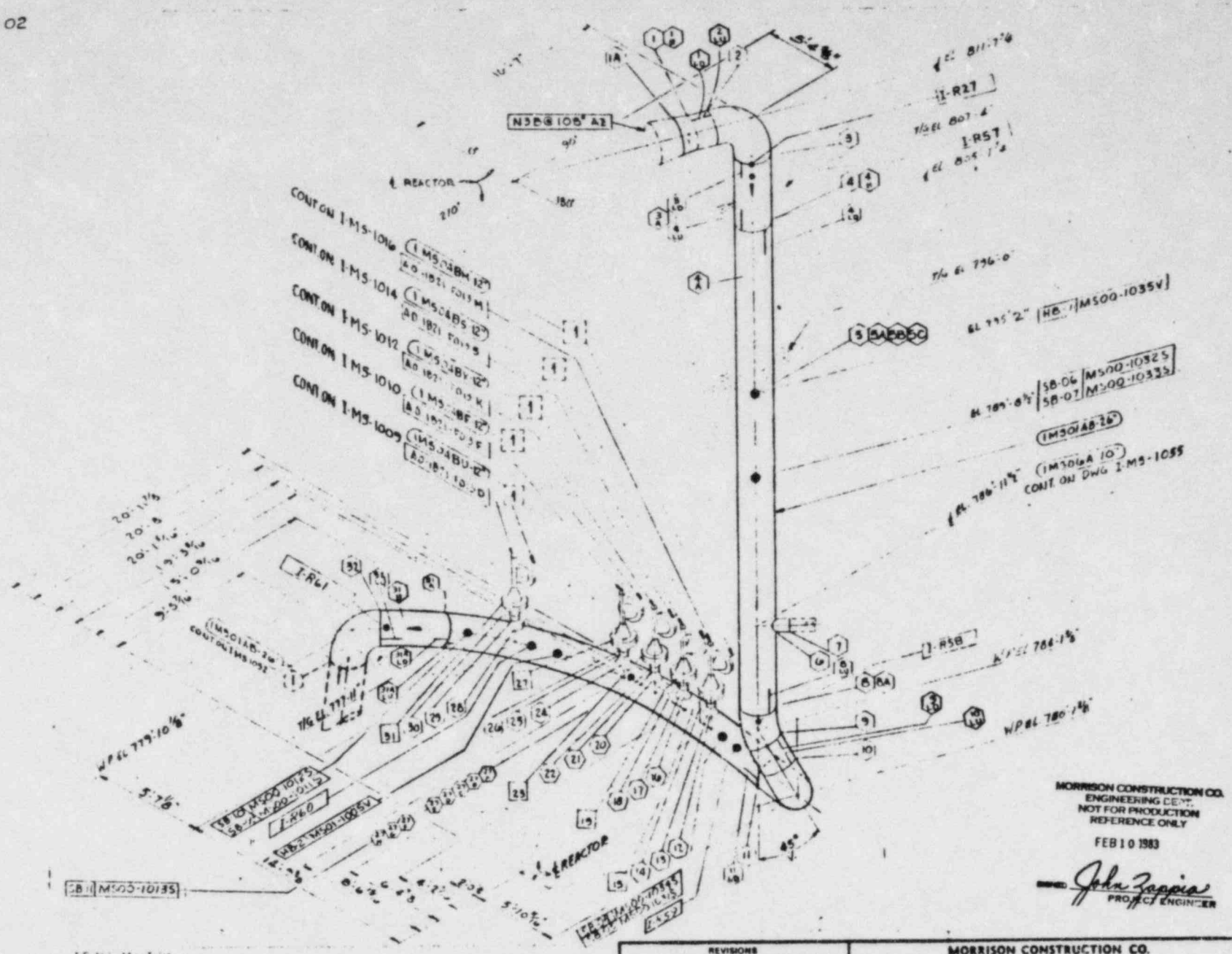
Drawn RLF Date 8-30-78
Checked [illegible] Date 4-4
Approved [illegible] Date 4-4-79

COMMONWEALTH EDISON CO. LASALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
MAIN STEAM

REF Dwg No. M-803-1/D, M-803-2E
M-802-1/J, M-803-1/S

MCCD ISO # I-MS-1001

MCCD 40 DN 1 877

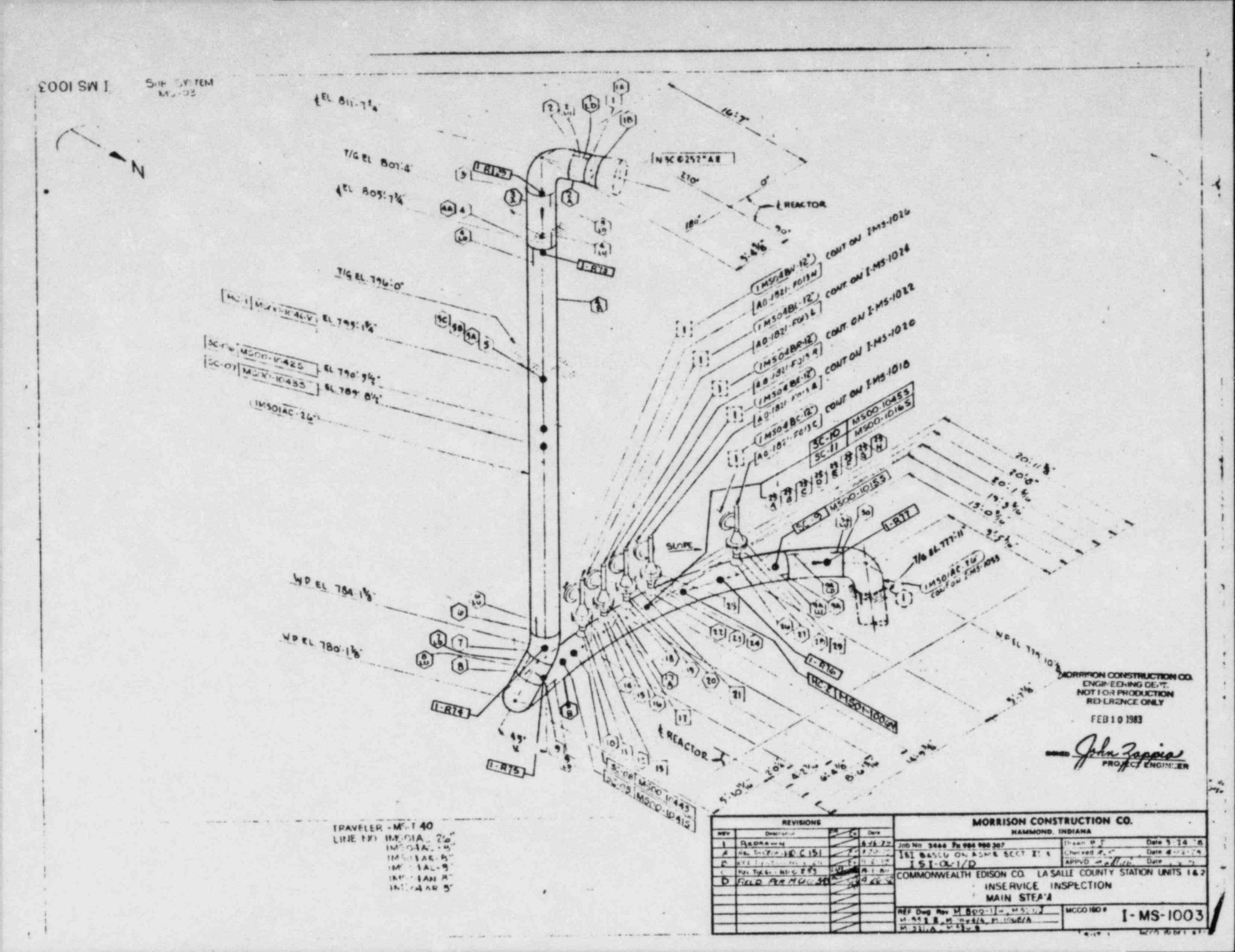


MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

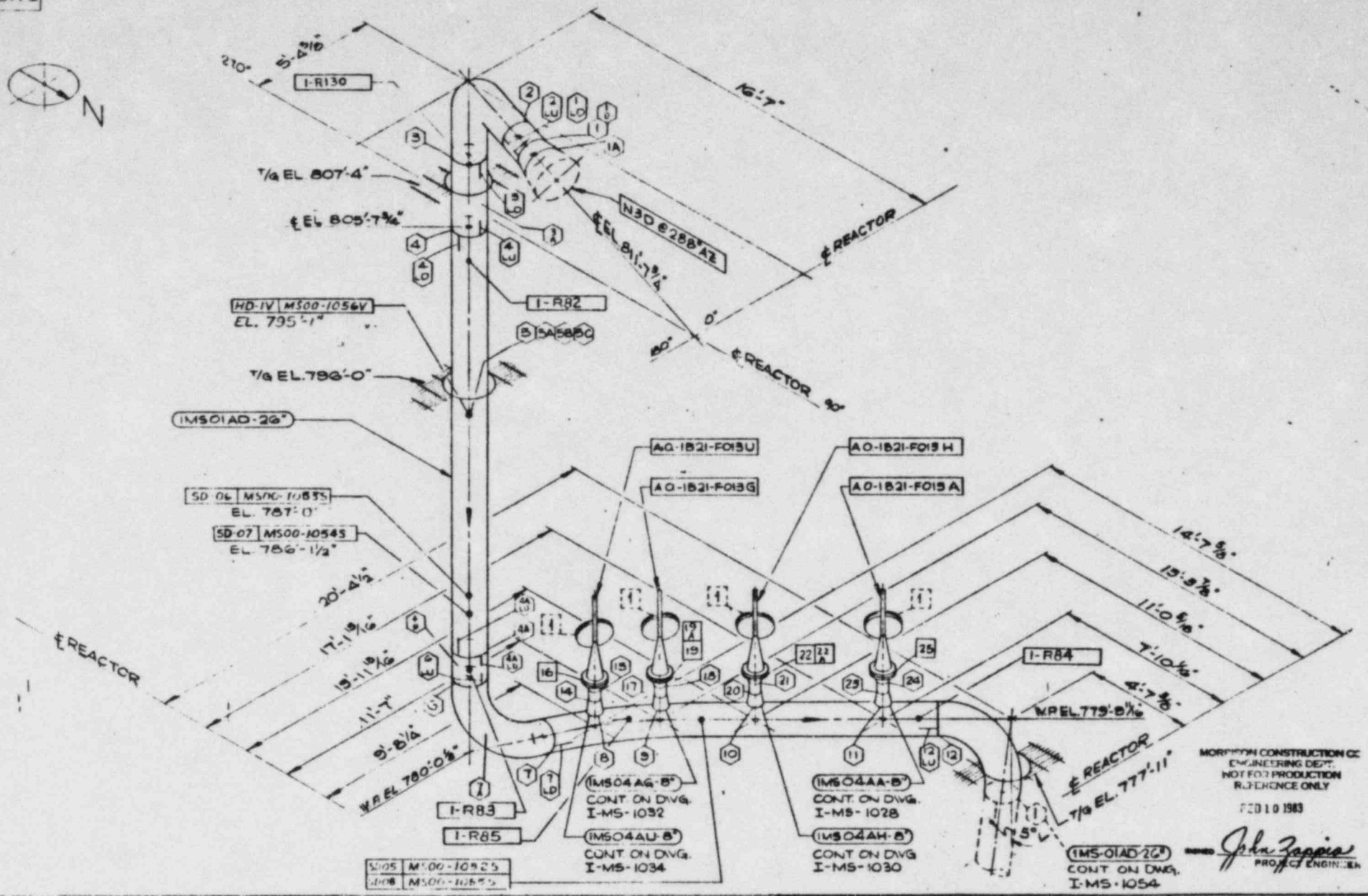
FEB 10 1983

PROJECT ENGINEER

REVISIONS				MORRISON CONSTRUCTION CO. HAMMOND, INDIANA	
REV	Description	By	Date		
	PRELIM. RELEASE			Job No. 3466 Pa 906 950 307	Drawn Date
A	PER TCRD # [illegible]		3-30-83	ISI BASED ON ASME SECT XI & TS 1-QL-1/D	Checked Date
B	[illegible]		[illegible]		APPVD Date
C	PER TCRD # 293		A 1 Apr	COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2	
D	PER PER MCRD #317		5-24-83	INSERVICE INSPECTION MAIN STEAM	
				REF Dwg Nos M-55-2, M-55-2B, M-55-2C	MCCO 1800 I-MS-1002


I MS 1003
N
EL 811-7¼"
T/G EL 801-4"
EL 805-7¼"
T/G EL 796-0"
EL 795-1⅝"
EL 790-9¼"
EL 789-8½"
I-MS01AC-26"
WP EL 784-1⅛"
WP EL 780-1⅛"
I-RH5
I-RH3
I-RH4
I-RH14
I-RH15
I-RH16
I-RH17
REACTOR
SLOPE
T/G EL 777-11
WP EL 774-10⅛"
I-MS04BW-12"
I-MS04BH-12"
I-MS04BR-12"
I-MS04BE-12"
I-MS04BC-12"
COMT ON I-MS-1026
COMT ON I-MS-1024
COMT ON I-MS-1022
COMT ON I-MS-1020
COMT ON I-MS-1018
SC-10
SC-11
MS00-10153
MS00-10155
SC-09
SC-08
MS00-10443
SC-03
MS00-10415
MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
FEB 10 1983
PROJECT ENGINEER
TRAVELER - MAT 40
LINE NO. I MS01A - 2½"
I MS01AC - 4"
I MS01AE - 8"
I MS01AF - 8"
I MS01AN - 8"
I MS01AR - 8"
REVISIONS
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA
ISI BASED ON ASME SECT XI
ISI-OL-1/D
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1&2
INSERVICE INSPECTION
MAIN STEAM
I-MS-1003

1001-SW-I SUB. SYS. MS-04



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
FEB 10 1983
SIGNED John Zappia
PROJECT ENGINEER

TH. [illegible] T41

MS T45

REVISIONS				
REV	Description	Job No.	Eng.	Date
	PRELIM FEDERAL			6 JUN 75
A	Rev. To Show MF's 152			8 NOV 79
B	[illegible]			3 [illegible] 79
C	[illegible]			5 [illegible]
D	[illegible]			7 [illegible] 82
E	[illegible]			22 FEB 82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2484 Pa 984 980 387 — Drawn RLE Date 5 Jul 78
ISI BASED ON ASME SECT XI — Checked [illegible] Date J[illegible] 79
ISI-OL-1/D — APPVD [illegible] Date [illegible]

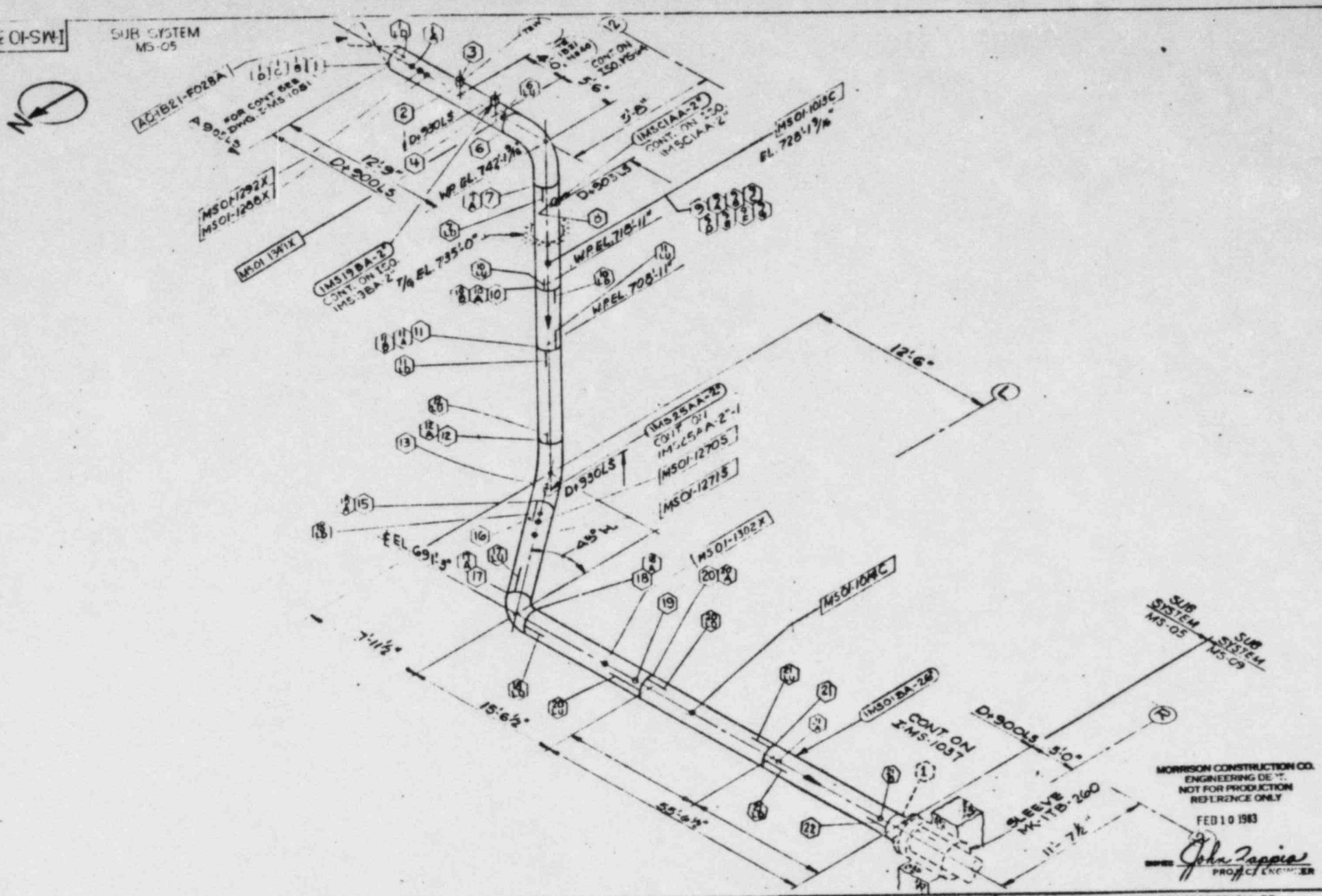
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2

INSERVICE INSPECTION
MAIN STEAM

REF Dwg. No. M-800 [illegible] — MCC01501 — I-MS-1004

I-MS-1036

SUB SYSTEM
MS-05



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

FEB 10 1983

SIGNED: John Tappia
PROJECT ENGINEER

LINE NO. IMS01BA-26"
TRAVELER MS-T-9

REVISIONS				
REV	Description	By	Ck	Date
0	PRELIMINARY			12/5/77
1	FINAL (PRELIMINARY)			4-16-79
A	Mfg. Tolerance Mod. IMS			2-20-79
B	EEL Tolerance Mod. 2.5			11-2-79
C	Mfg. Tolerance Mod. 2.5	DM		3-1-80
D	Field Rev. per RDS 043			4-17-82
E	Certified Isometric			1-28-83

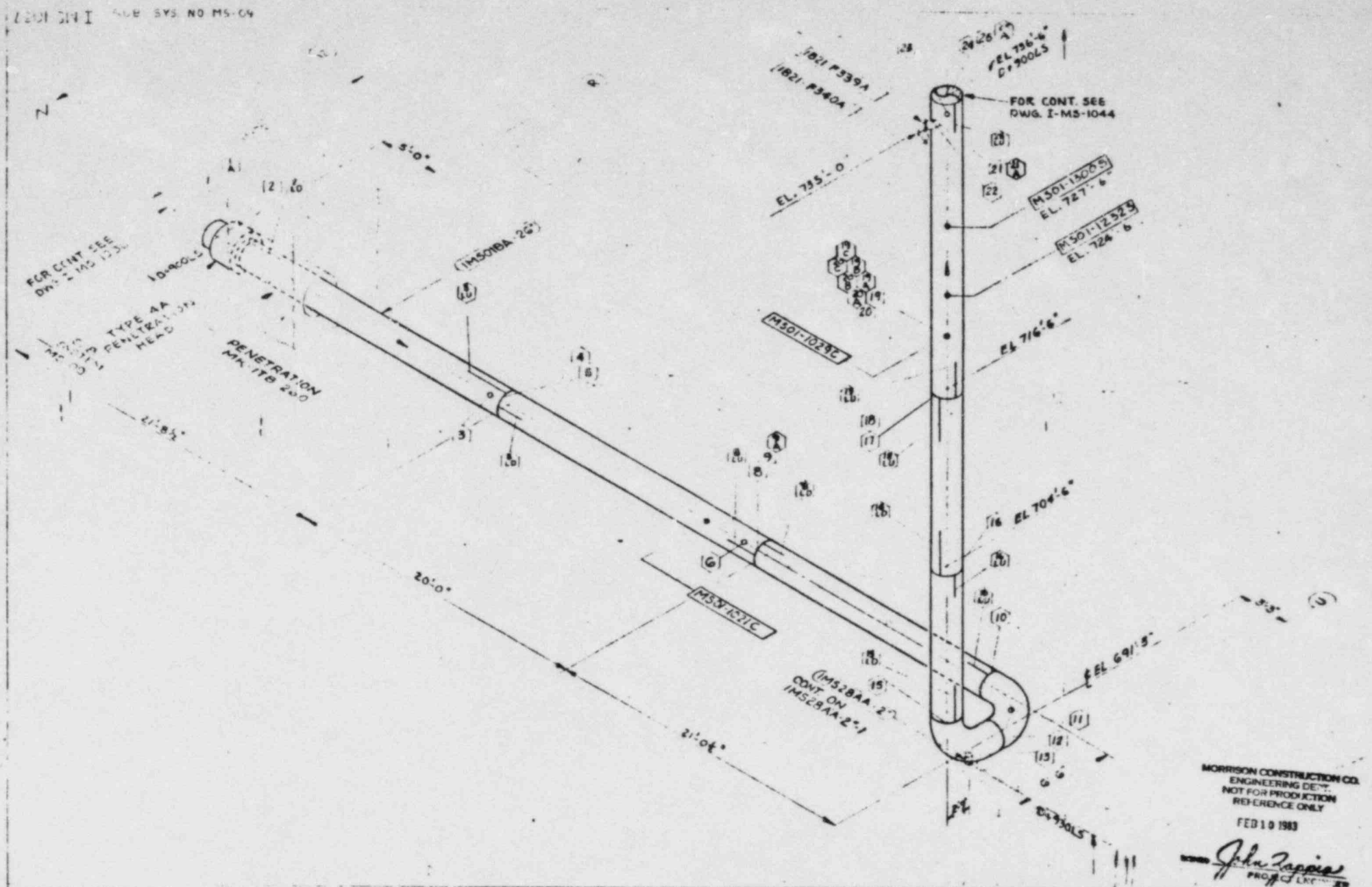
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 9406 Pn 906 900 307 — Drawn [illegible] Date 11-15-77
ISI BASED ON ASME SECT XI & MCCO ISI-OL-2.5 — Checked CDM Date 4-8-78
APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
MAIN STEAM

REF Dwg. Rev. MS2-1, MS06-1/2 & MS10-1/2 — MCCO ISO # I-MS-1036

SHEET 1



LINE NO. IMS01BA-26" TR NO. MS-T9

REVISIONS				
REV	Description	By	Ck	Date
Q	[illegible]			6-6-77
I	PRELIMINARY			8-16-78
A	PER TCRCO-MS-169	MCC		2-23-79
B	PER TCRCO-MS-212	[illegible]		11-2-79
C	PER TCRCO-MS-283	[illegible]		8-1-80
D	PER MDR [illegible]	[illegible]		4-27-82
E	AS-BUILT	[illegible]		1-29-82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2466 Pa 984 980 267
I S T BASED ON ASME SECT XI & MCCO ISI-OL-2/E

Drawn [illegible] Date 10-7-77
Checked CEM Date 12-7-78
APPVD [illegible] Date [illegible]

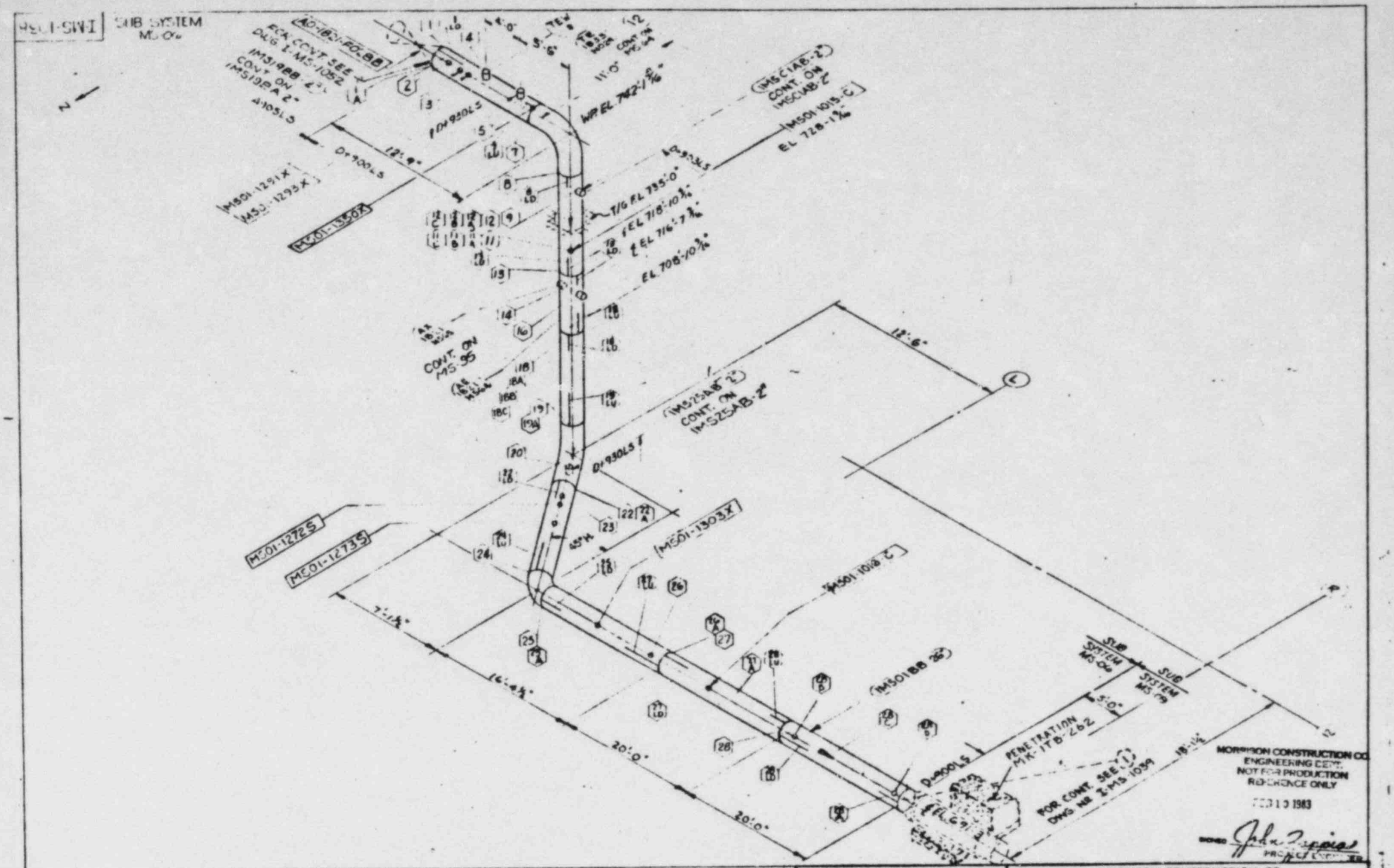
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
MAIN STEAM

REF Dwg Nos. BE-880 2/1
M-880 2/N M-[illegible] 2/N

MCCO IBO #

I-MS-1037

MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
FEB 19 1983
John Zappia
PROJECT ENGR.



LINE NO IMS01BB-28"
TRAVELER - MS-T-10

REVISIONS			
REV	Description	BY	Date
A			
B			
C			
D			
E			

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 9466 Pa 994 990 367
Design MRP Date 10/77
Checked JKM Date
APPVD Date

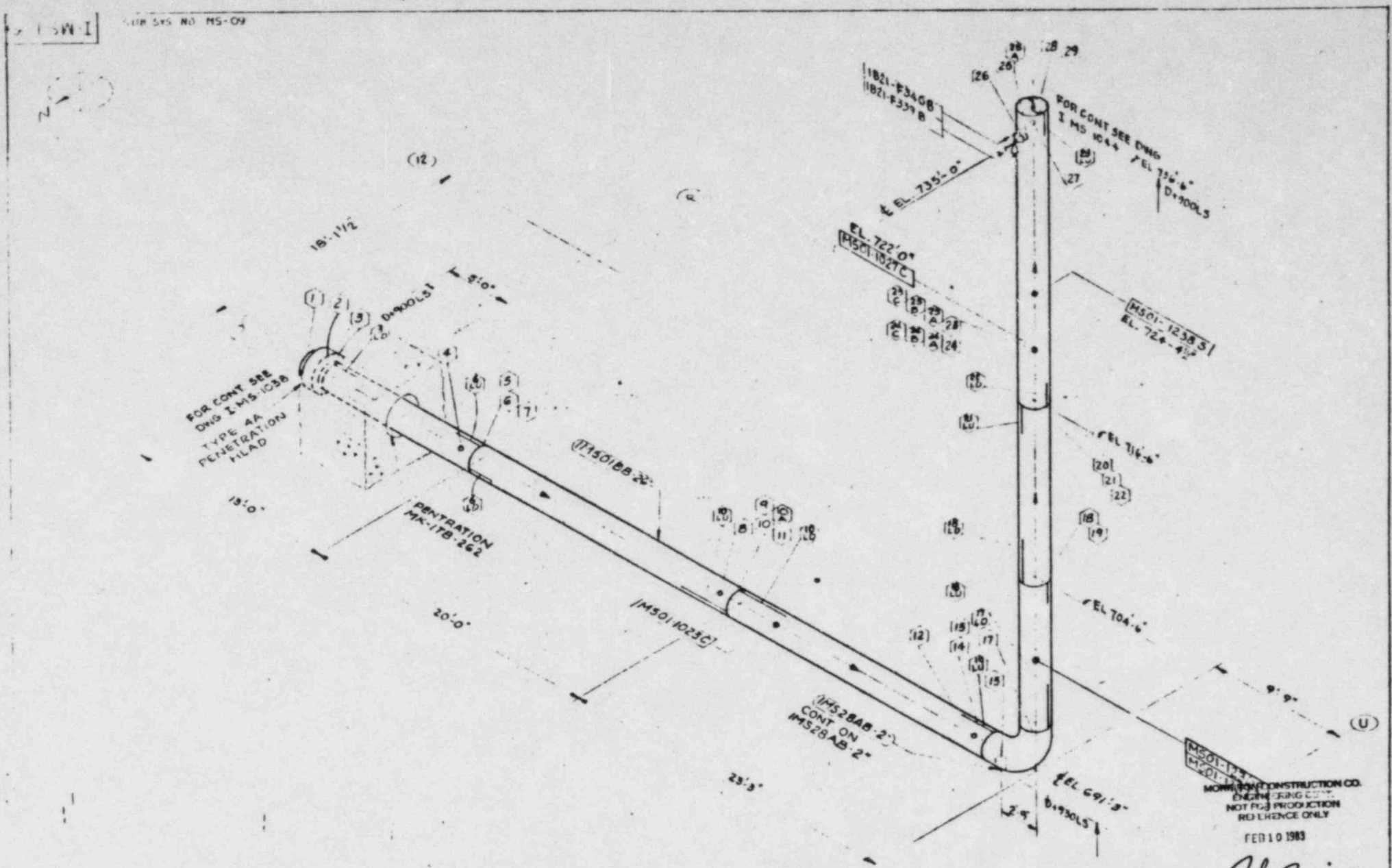
1ST BASED ON ASME SECT XI & [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
MAIN STEAM

REF Dwg Rev M-800-1NB

MCCO 150 B

I-MS-1038



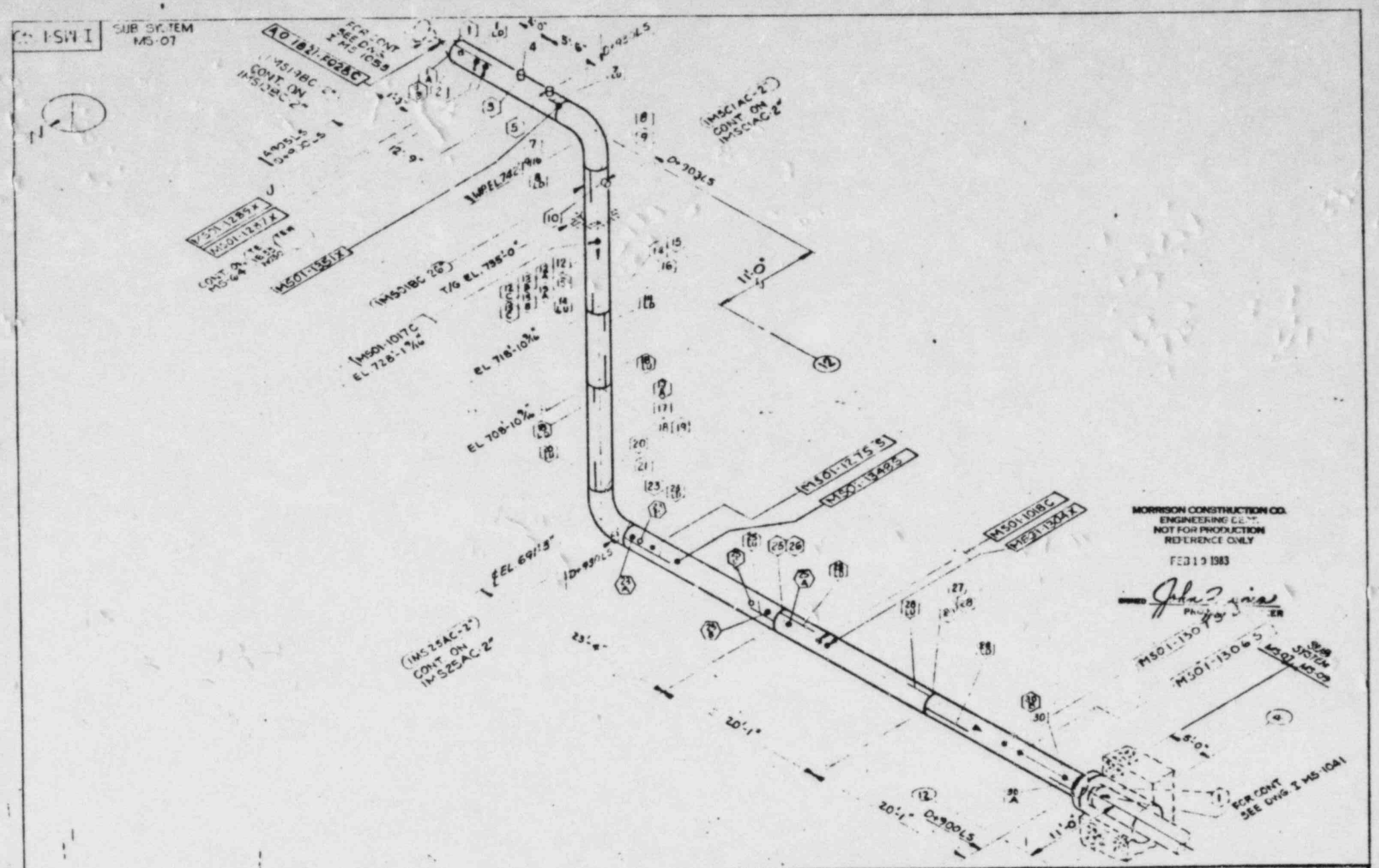
REVISIONS				
REV	Description	By	Ck	Date
0	PRELIMINARY			6-16-77
1	[illegible]			8-16-77
A	Rel To Chk - HDC150			3-30-79
B	Rel To Chk - HDC 152			11-8-79
C	Rel To Chk - HDC 231			9-1-81
D	FOR FINAL			4-28-82
E	ISI/ASME UPDATES			11-30-82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

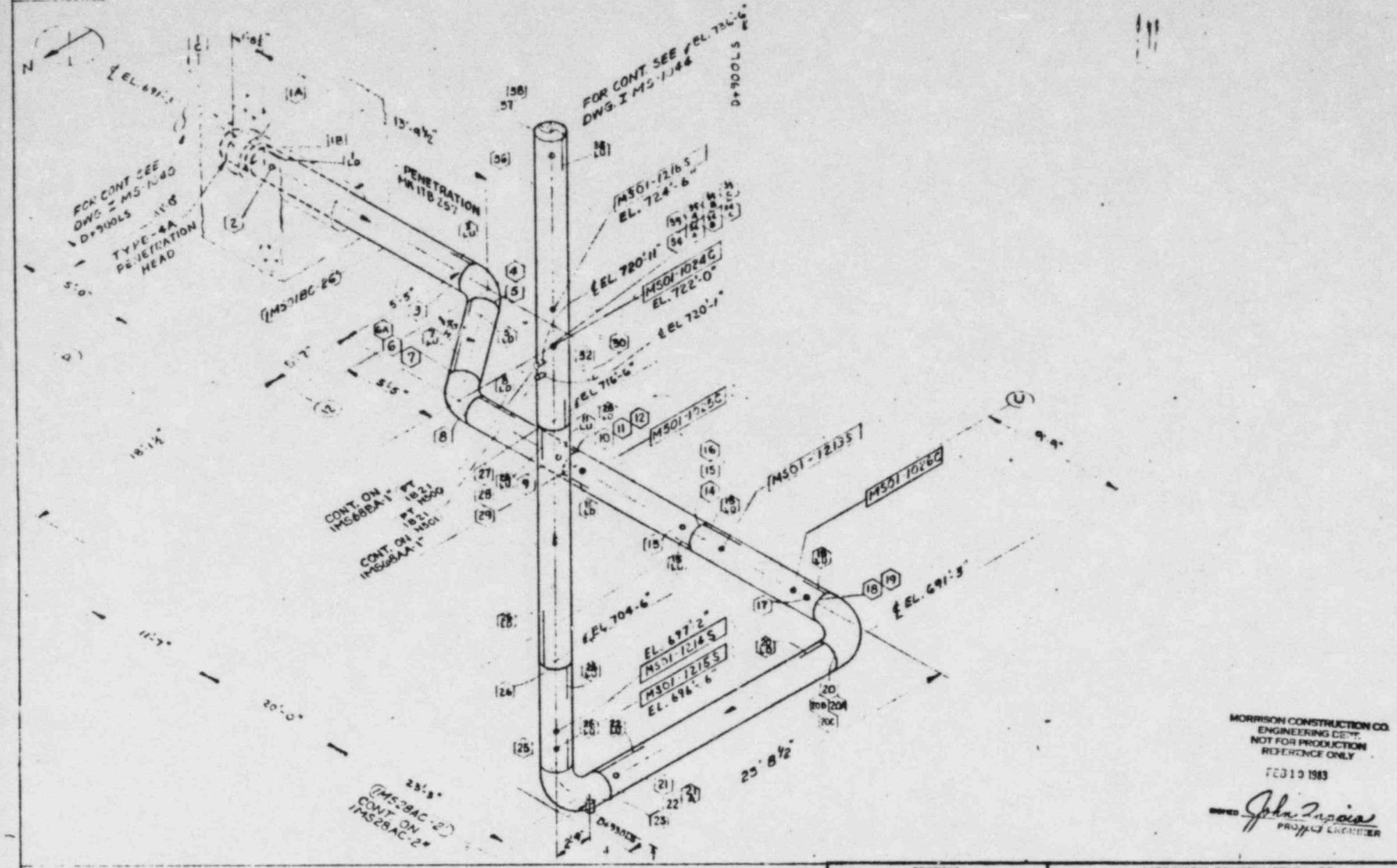
Job No 2466 Pc 004 000 207 — Drawn [illegible] Date 10-4-77
I.S.I. RATED ON ASME SECT XI & I.S.I.-ON-346 — Checked [illegible] Date [illegible]
APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
MAIN STEAM

REF Dwg No: M-80-2 [illegible] — MCCO ISO #: I-MS-1039


SUB SYSTEM MS-07
MORRISON CONSTRUCTION CO.
ENGINEERING COPY
NOT FOR PRODUCTION
REFERENCE ONLY
FEB 19 1983
M501-130 S
M501-1306 S
SUB SYSTEM MS-09
FOR CONT SEE DWG 2 MS-1041
LINE NO - IMS-01BC-26"
TRAVELER MS-111
REVISIONS
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA
TEST BASED ON A.S.M.E. SECT. XI &
MCCO ISI-QA-ZLE
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
MAIN STEAM
I-MS-1040

UNIT 1 SUB SYS. MS-09



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

FEB 10 1983

APPROVED John Tapia
PROJECT ENGINEER

IMS01BC-26" T-11

REVISIONS				
REV	Description	BY	CK	Date
0	PER LTR. [illegible]			6-18-79
1	Per Field Req't			6-18-79
A	Rel. to Sect. XI-C 1981			3-30-79
B	Rel. to Sect. XI-C 79			11-2-82
C	Rel. to Sect. XI-C 1983			3-1-83
D	Rel. to Sect. XI-C 1989			3-30-89
E	CLERICAL COMMENTS			3-10-89

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

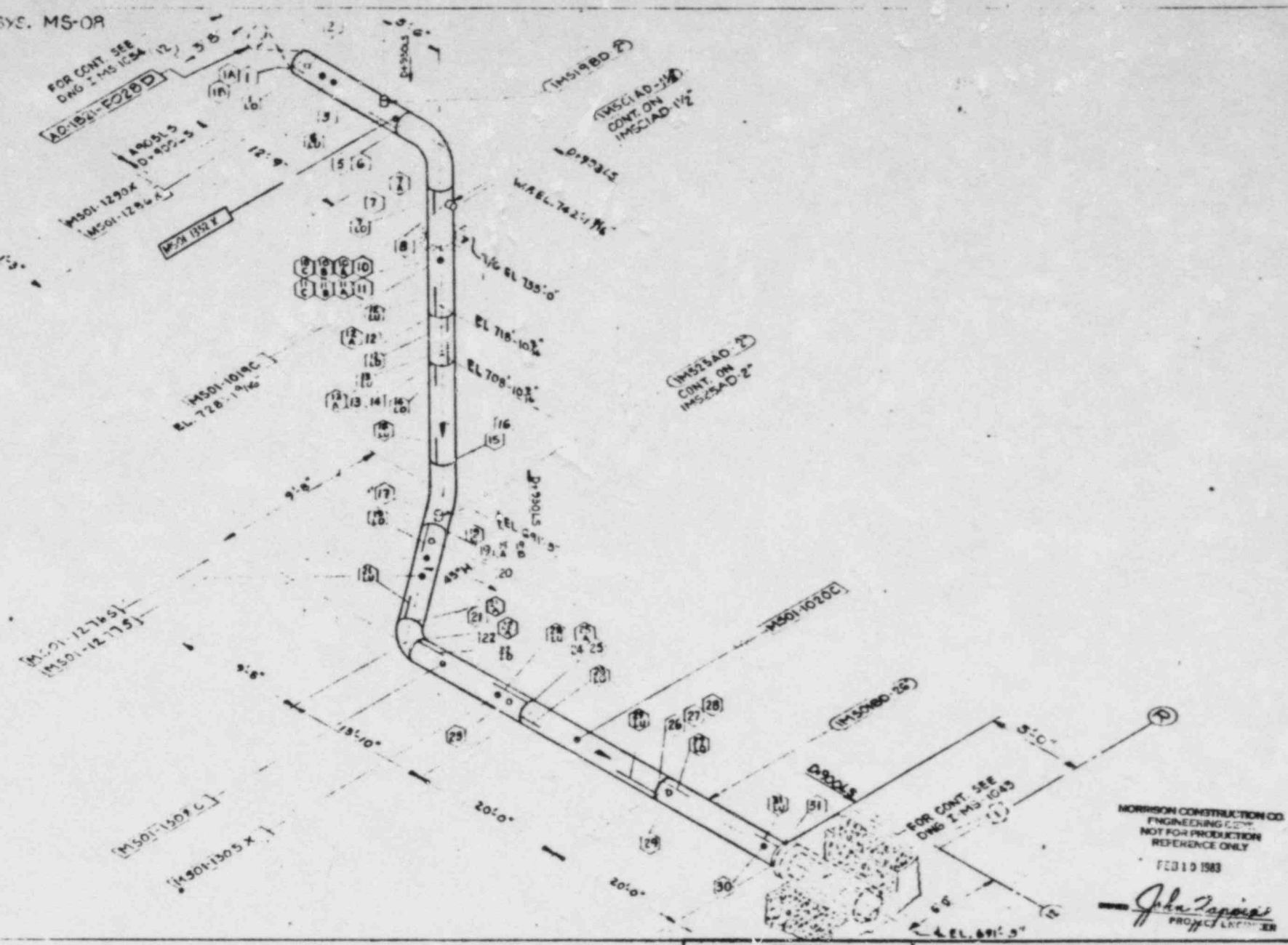
Job No. 3466 Pa 904 900 307 — Drawn MRM Date 10-8-79
I S I BASED ON ASME SECT XI & — Checked JWM Date 6-18-79
ANSI B31.1-0L-3/6 — APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
MAIN STEAM

REF Dwg. Rev. RF-800 20
M-800 2/K M-80 2/K

MCDD 1803 # I-MS-1041

I MS 1042 | SUB. SYS. MS-08



IMS01BD-26" T-12

REVISIONS			
REV	Description	By	Date
AA			
0			
1			
A			
B			
C			
D			
E			

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Rx 984 980 307
T.S.T. BASED ON ASME SECT XI &
MCCD 1-E-01, 2 rr

Drawn M.R.D. Date 10-12-78
Checked R.L.F. Date 12-19-78
APPVD [illegible] Date

COMMONWEALTH ED-SCH CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
MAIN STEAM

REF Dwg No. M-80-2(Q)
M-80-1(Q), BP 302-1(Q)

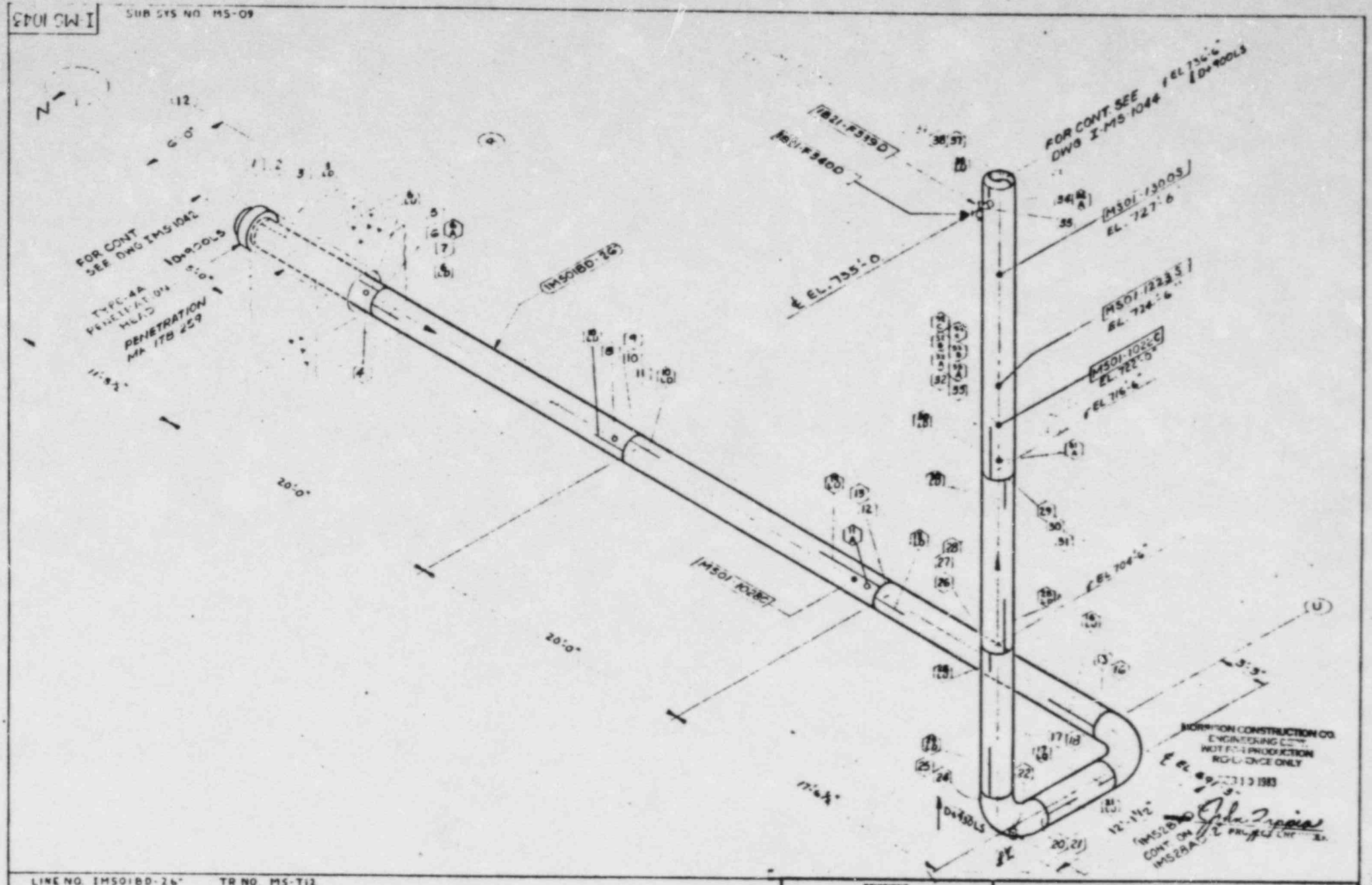
MCCD ISO #

I-MS-1042

MORRISON CONSTRUCTION CO.
ENGINEERING
NOT FOR PRODUCTION
REFERENCE ONLY
FEB 19 1983
PROJECT ENGINEER

I MS 1043

SUB SYS NO. MS-09



LINE NO. IMS01BD-26" TR NO. MS-T12

REVISIONS				
REV	Description	By	Ck'd	Date
Q	PRELIMINARY			10-6-77
I	PRELIMINARY			12-27-77
A	Rev. to CWLD 7-6-78			9-30-78
B	Rev. to TOLEDO NO. C-412			11-14-78
C	Rev. to CWLD NO. C-2933			4-4-80
D	ADDED PSW MODIFICATION			4-30-80
E	GENERAL CHANGES			6-21-84

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Pa 004 900 367
ASME SECT III CL 2
MCCD I S L - 01 3/4

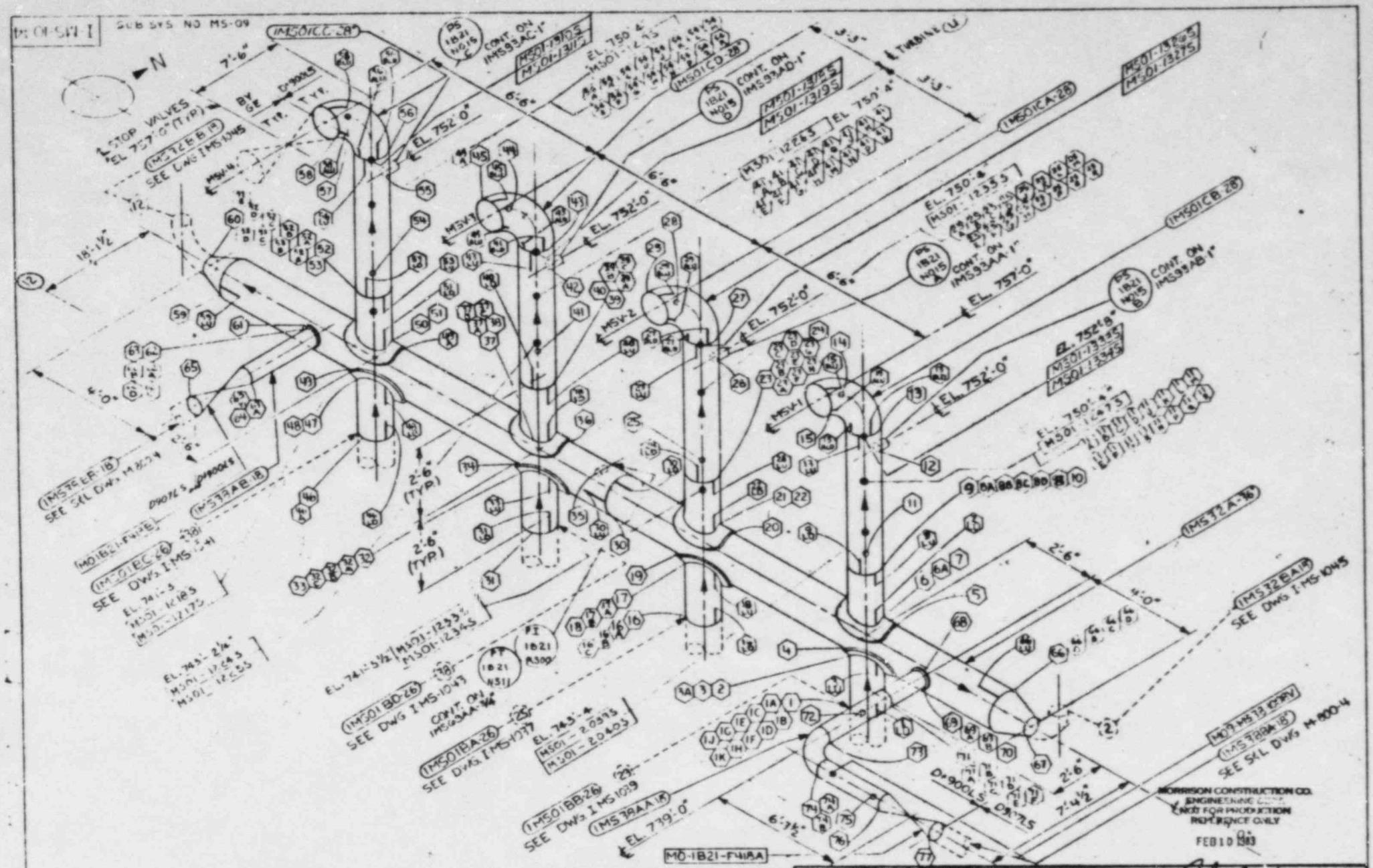
Drawn M R B Date 10-6-77
Checked J R M Date 6-14-78
APPVD Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
MAIN STEAM

REF Dwg Rev. for Piping Info
M-1 R-11 M-2 R-8

MCCD 180 6

I-MS-1043


UNIT 1
SUB SYS NO MS-09
N
IMS01CC-28"
IMS01CA-28"
IMS01CB-28"
IMS01CD-28"
IMS01CC-28"
IMS01BA-26"
IMS01BB-26"
IMS01BC-26"
IMS01EC-6"
IMS01EB-18"
IMS01EA-18"
IMS01FW-8"
IMS01FW-6"
IMS01FW-4"
IMS01FW-3"
IMS01FW-2½"
IMS01FW-2"
IMS01FW-1½"
IMS01FW-1"
IMS01FW-¾"
IMS01FW-½"
IMS01FW-¼"
IMS01FW-⅜"
IMS01FW-⅝"
IMS01FW-⅞"
IMS01FW-1⅛"
IMS01FW-1¼"
IMS01FW-1⅜"
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IMS01FW-1⅝"
IMS01FW-1¾"
IMS01FW-1⅞"
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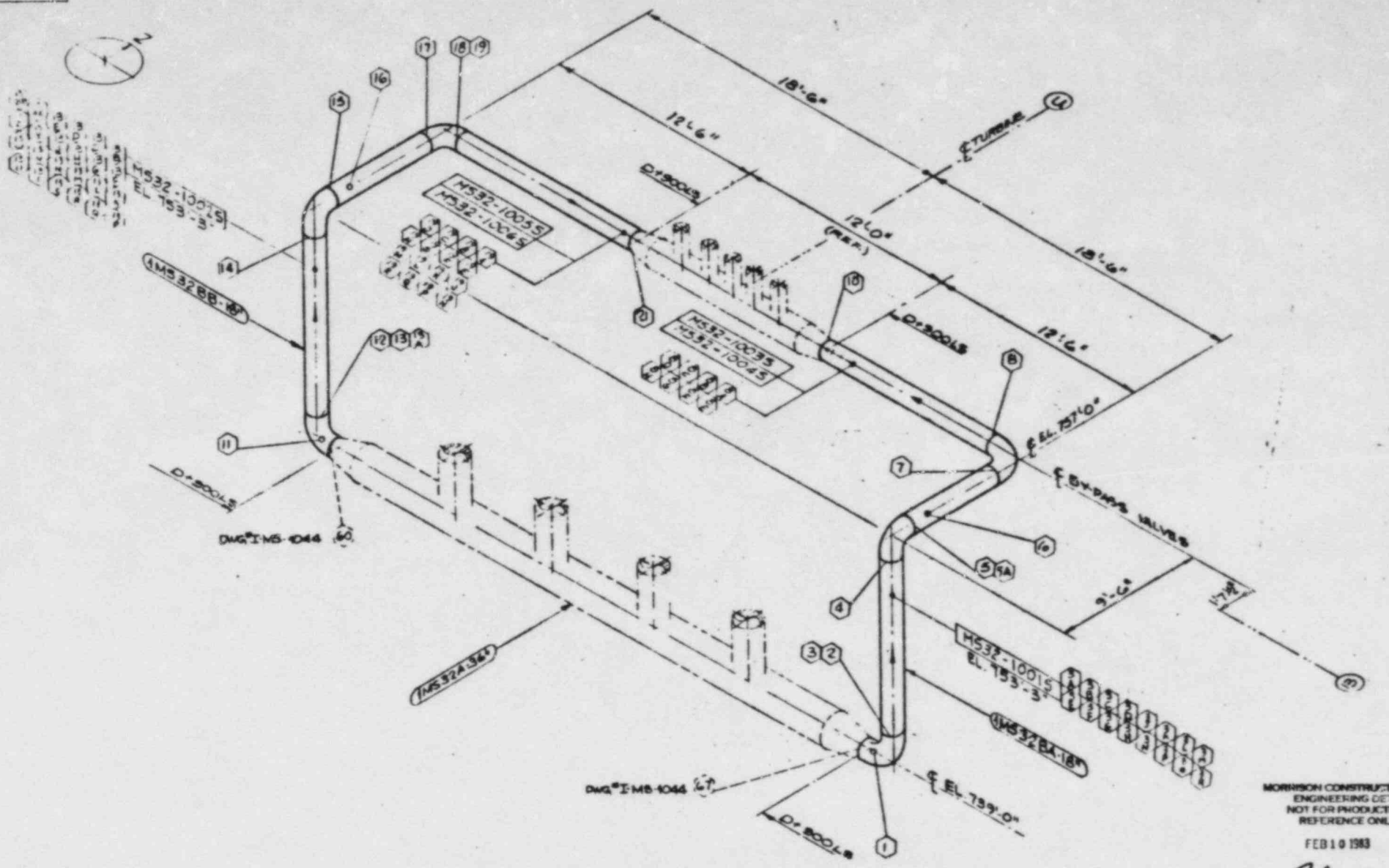
IMS01FW-4½"
IMS01FW-4⅝"
IMS01FW-4¾"
IMS01FW-4⅞"
IMS01FW-5⅛"
IMS01FW-5¼"
IMS01FW-5⅜"
IMS01FW-5½"
IMS01FW-5⅝"
IMS01FW-5¾"
IMS01FW-5⅞"

GI-01-SW-I SUB SYS. MS-03



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

FEB 10 1983

SIGNED John Zappia
PROJECT ENGINEER

1MS32BB-18" T-18
1MS32BA-18" T-17

REVISIONS				
REV	Description	BY	CK	Date
C	PRELIMINARY			7-18-78
A	Dwg. Rev. per MCC 152	RLF		8-30-78
B	ALL TRACED ON ASME SECT XI & MCCO # ISI-DW-P/G	TJ		11-6-78
C	ADD TRACED MDL 233	RLF		4-1-80
D	ADD TRACED MDL 297	RLF		5-2-82

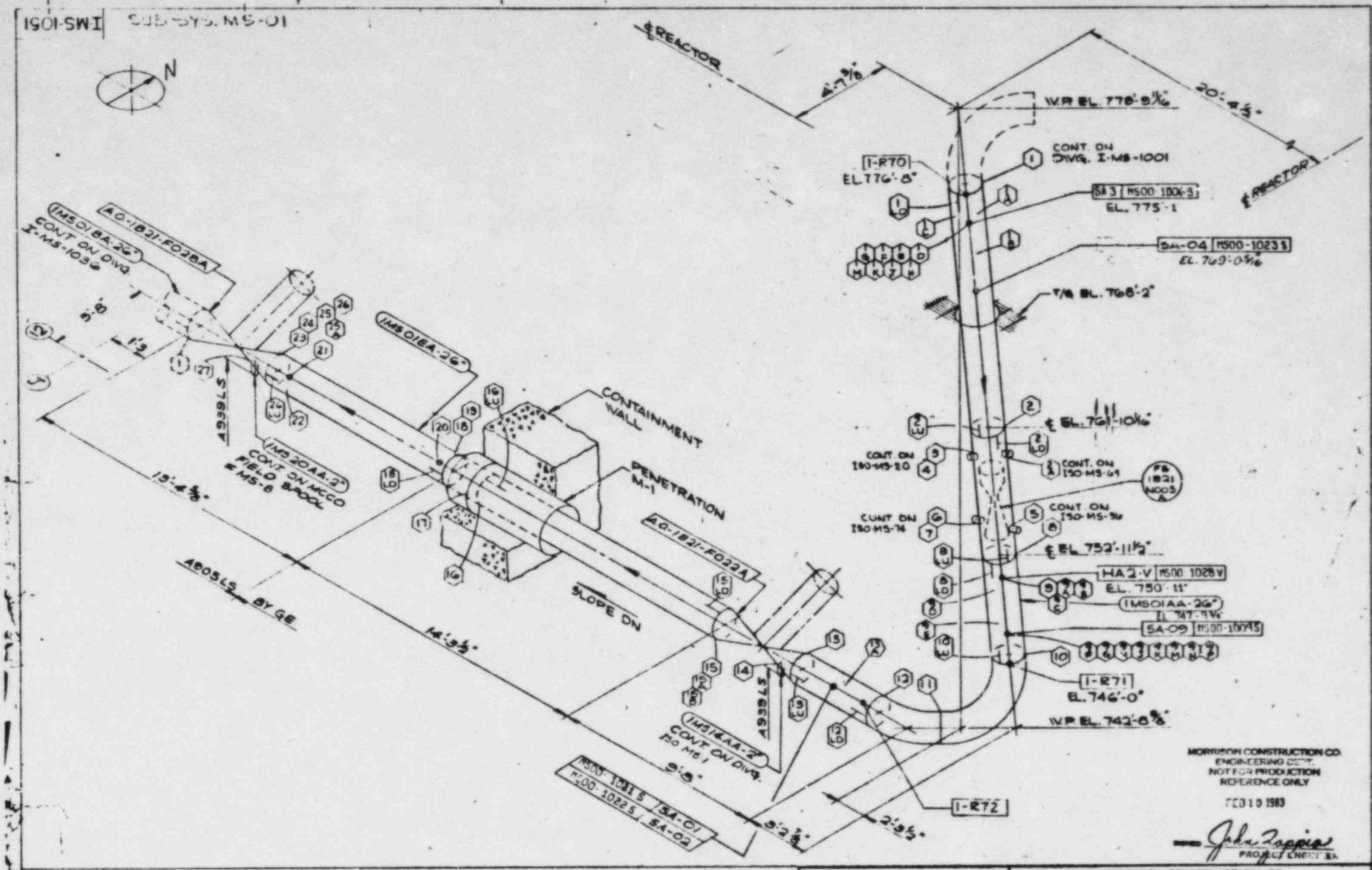
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 8466 Pg. 994 Dwg. 297
Drawn SUCHOCKI Date 26-APR-78
Checked RLF Date 5-1-78
Approved _____ Date _____

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
MAIN STEAM.

REF Dwg No. SK-800-312
M-802-312 M-885-312

MCCO ISO # I MS-1045



IMS01AA-2G T-38
IMS01EA-2G T5

REVISIONS			
REV	Description	By	Date
C			
A			
B			
C			
D			

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

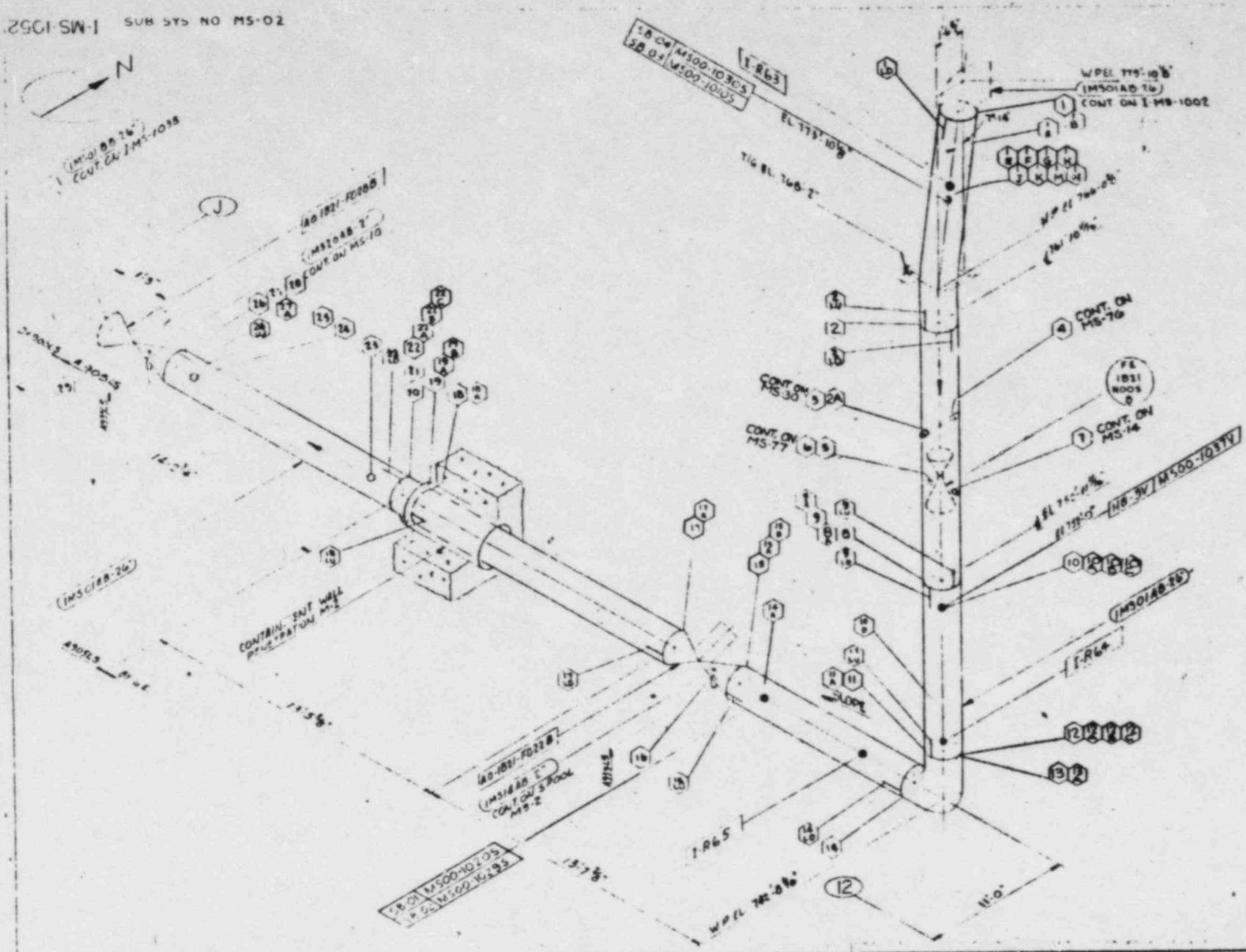
Job No. 8466 Pa 984 980 387
I & E BASED ON ACME SECT XI
MCCO FSI-OL-1/D & C/E
Drawn R L R Date 8-22-78
Checked [illegible] Date [illegible]
APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
MAIN STEAM

REF Dwg Nos. M-805-1/D, M-55-2/E, M-805-1/1, M-805-1/3

MCCO DWG NO. I-MS-1051

I-MS-1052 SUB SYS NO MS-02



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
FEB 10 1983
SIGNED John Trivisonno
PROJECT ENGINEER

LINE NO. IMS01AB-26" IMSWRB-26"

TR NO. MS-T39 MS-T6

REVISIONS			
REV	Description	By	Date
A	Rev Per CR 6560-MD-E-526		8-8-79
B	Rev Per CR 6560-MD-E-526		11-2-79
C	Rev Per CR 6560-MD-E-1557		8-1-80
D	Rev Per CR 6560-MD-E-1557		10-21-80
E	Revised Per MCR-5233		2-24-82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

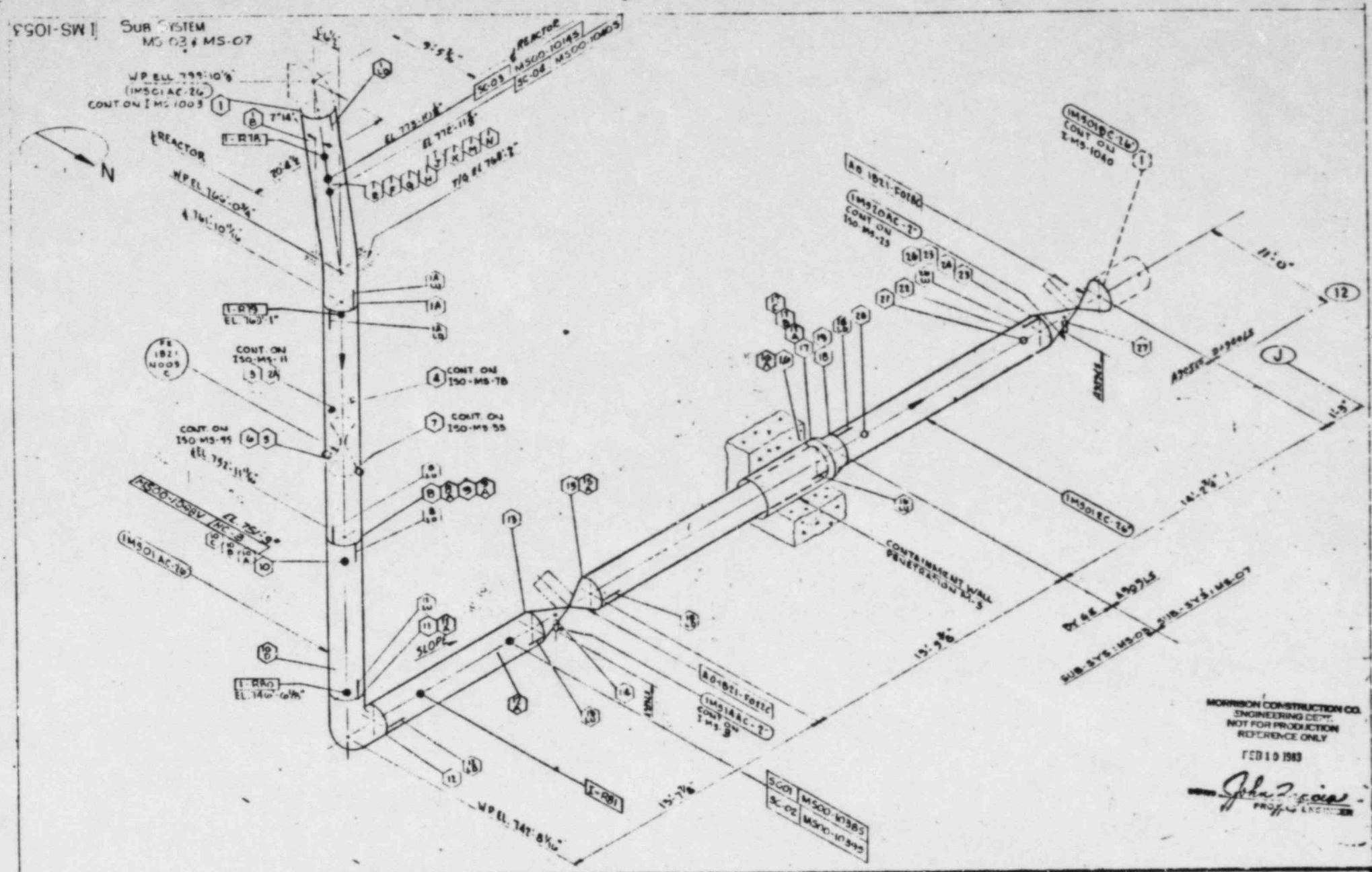
Job No. 3444 Pg 990 980 307
ISI BASED ON ASME SECT XI &
ISI-OL-1/D

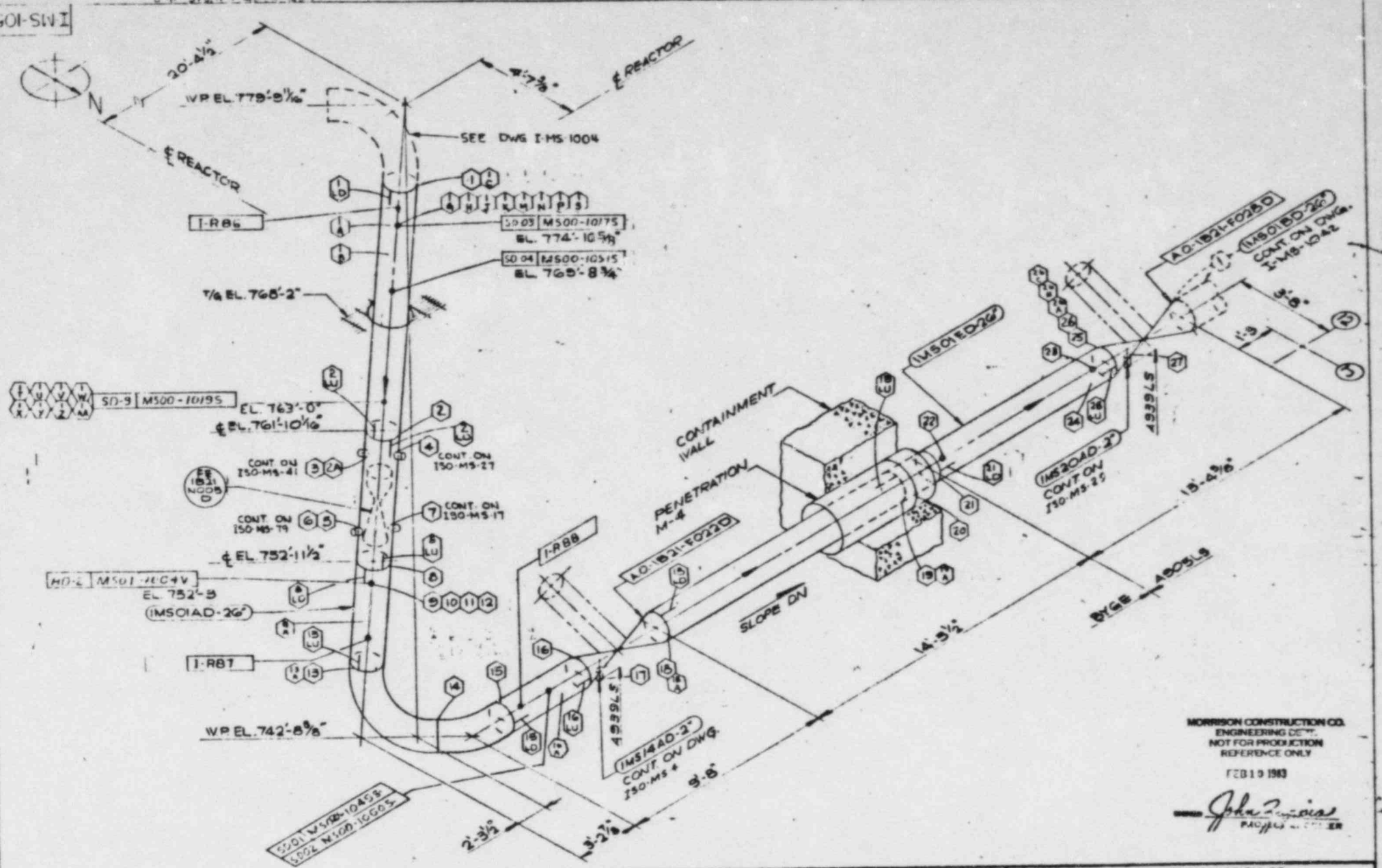
Drawn [illegible] Date 3-22-78
Checked [illegible] Date 4-1-78
Rev'd [illegible] Date 1-4-82

COMMONWEALTH EDISON CO. LASALLE COUNTY STATION UNITS 1&2
INSERVICE INSPECTION
MAIN STEAM

REF Dwg Nos M-55-1W, M-55-2W
M-892-1W, M-1955-3W

MCGD ISO # I-MS-1052


I-MS-1053
SUB SYSTEM MS-03 & MS-07
N
REACTOR
WP EL 799'-10⅜"
(IMS01AC-26")
CONT ON I MS-1003
EL 772'-11⅝"
EL 761'-10⅜"
WP EL 747'-8½"
CONT ON ISO-MS-11
CONT ON ISO-MS-78
CONT ON ISO-MS-55
CONT ON ISO-MS-99
EL 752'-11⅝"
SLOPE
CONTAINMENT WALL PENETRATION X-3
(IMS01EC-26")
(IMS01AC-26")
(IMS10AC-2")
CONT ON ISO-MS-23
(IMS01BC-26")
CONT ON I MS-1040
SC-03 MS00-10193
SC-04 MS00-10005
SC-01 MS00-10385
SC-02 MS10-10395
MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
FEB 10 1983
LINE No. IMS01AC-26"
TRAVELLER MS-T-1 MS-T-40
REVISIONS
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA
COMMONWEALTH EDISON CO. LASALLE COUNTY STATION UNITS 1&2
INSERVICE INSPECTION
MAIN STEAM
I-MS-1053



REVISIONS			
REV	Description	BY	Date
1	PRELIM. RELEASE		
A			
B			
C			
D			
E			

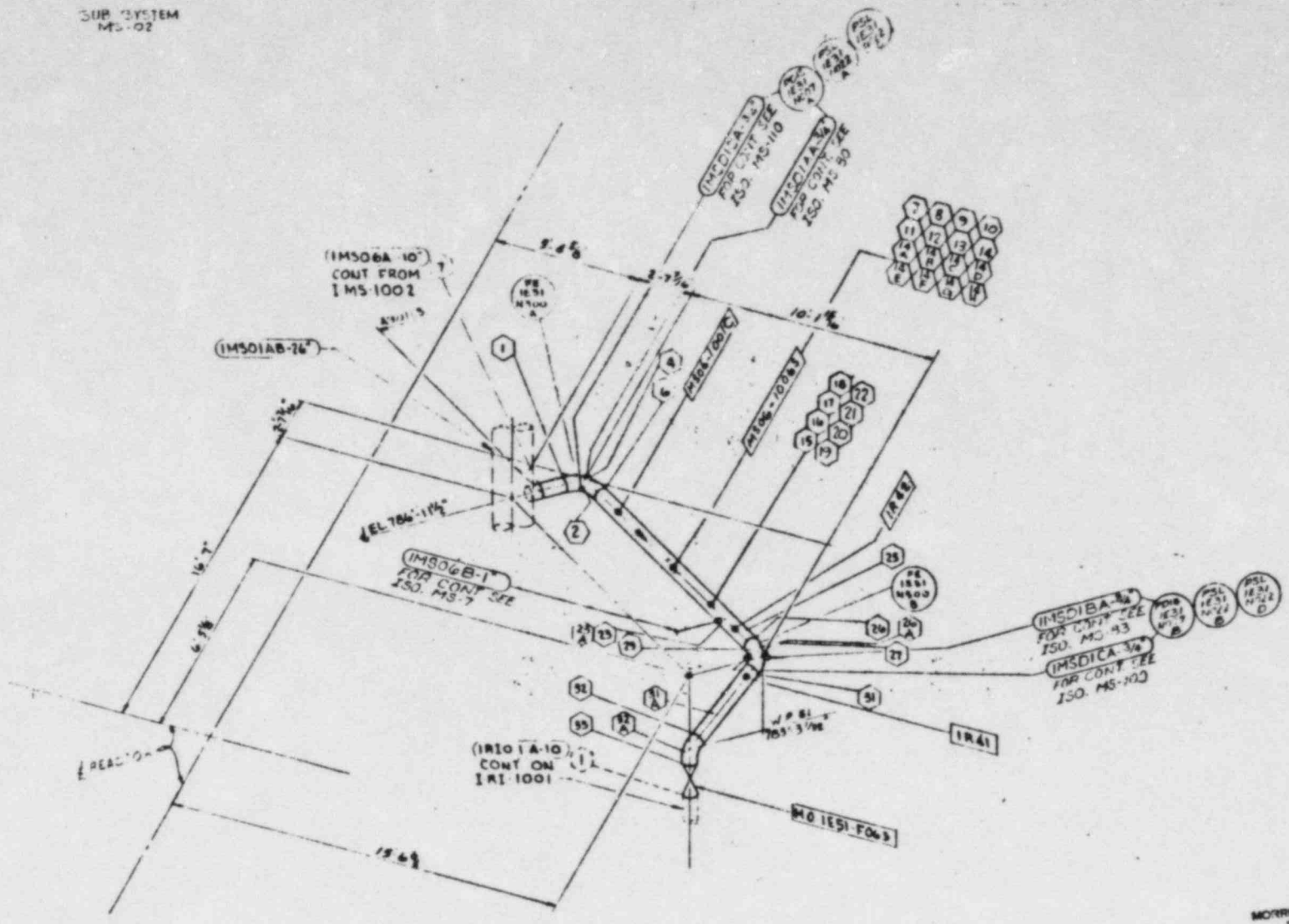
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

TSI BASED ON ASME SECT XI
ISI CY-1/D

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
MAIN STEAM

I-MS-1054

SUB SYSTEM
MS-02



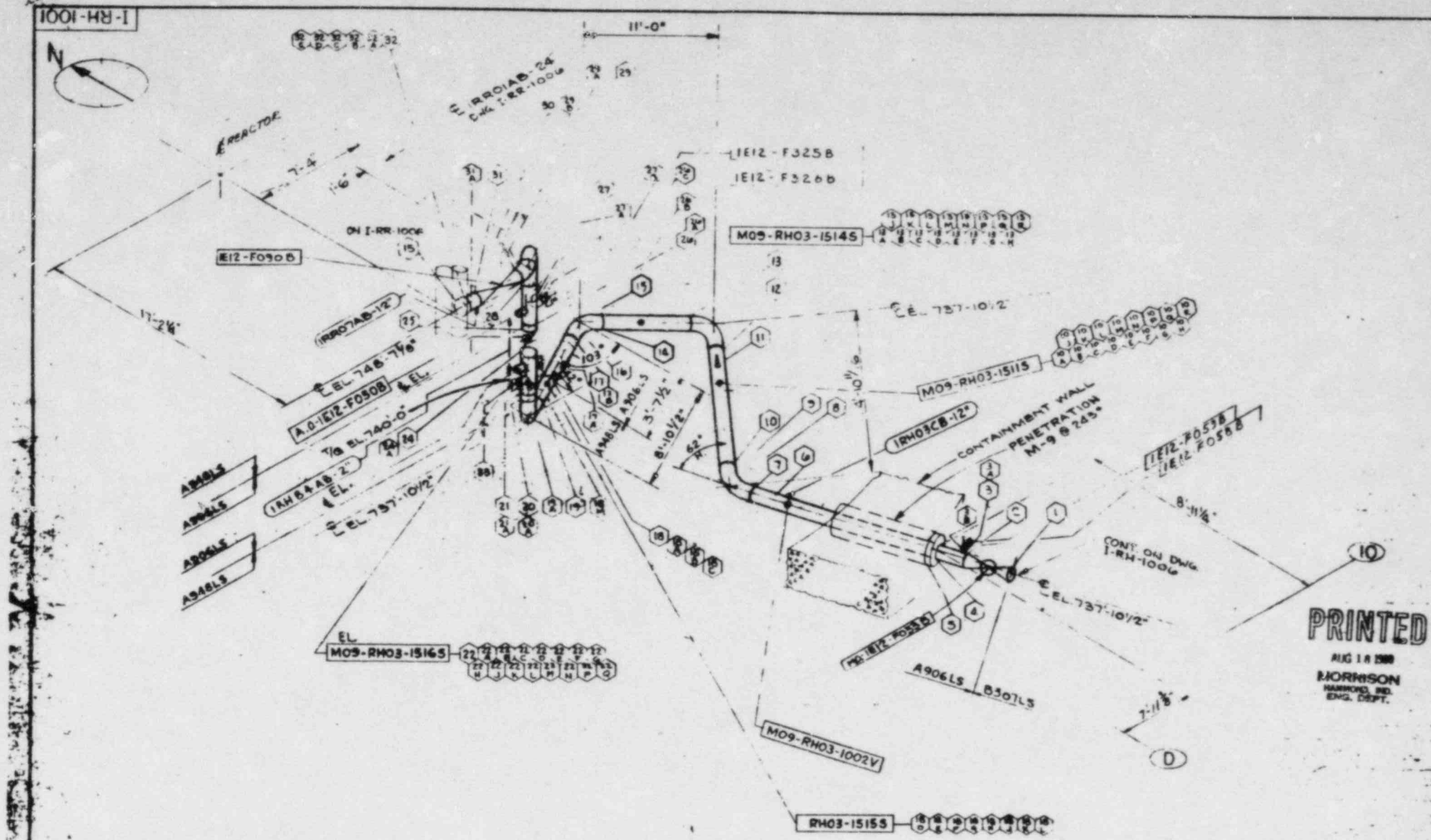
LINE NO 1MS01A-10"
TRAVELER # MS-T F56

MORRISON CONSTRUCTION CO.
FIELD ENG'G DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

8329 1583

SIGNED J. L. Zappia
M.C.C. ENGINEER

REVISIONS				MORRISON CONSTRUCTION CO. HAMMOND, INDIANA	
REV	Description	BY	Date		
G	Dwg. Rev.		4-12-83		
A	Rev. to Class 1 per ISI		1-30-73		
B	[illegible]		[illegible]		
C	Add Pipe Class 2 & 3		8-1-83		
D	Field Rev. per Mod. 5		2-7-84		
E	Revise per Mod. 5		2-17-83		
				Job No. 3416 Pg 984 980 307	Drawn B.F. Date 5-11-76
				ISI BASED ON ASME SECT XI	Checked M.L.S. Date 5-12-76
				MCCO# ISI-OL-1/D	Approved [illegible] Date [illegible]
				COMMONWEALTH EDISON CO. LASALLE COUNTY STATION UNITS 1&2	
				INSERVICE INSPECTION	
				MAIN STEAM	
				REF Dwg Rev M-802 L-M-52 J	MCCO ISO # I-MS-1055
				M-10 & 5, M-51 B, 11 [illegible]	



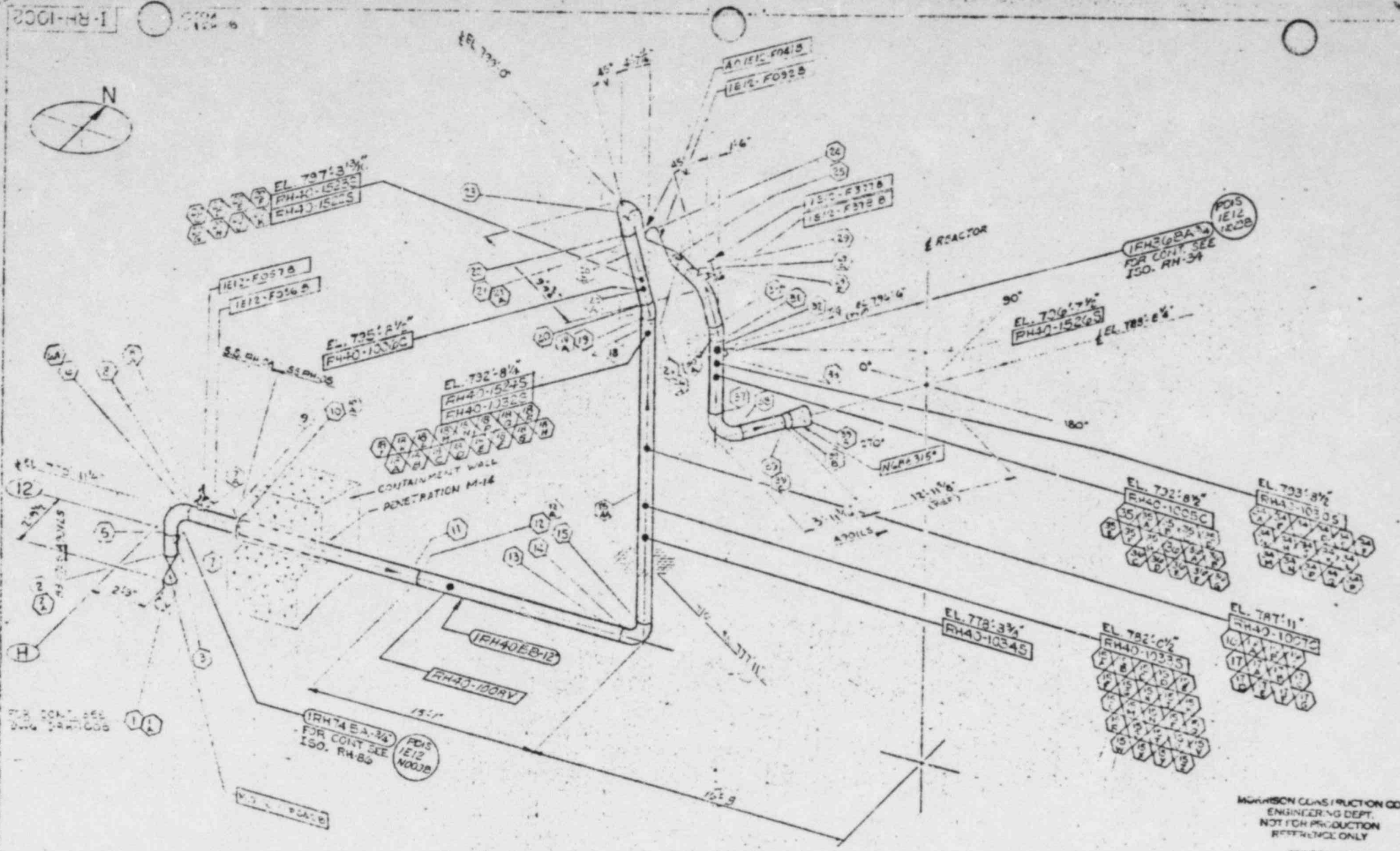
0			5-28
1			6-19-79
A			7-16-79
B			8-1-79
C			8-1-80

MORRISON CONSTRUCTION COMPANY
HAMMOND INDIANA

SCALE NONE | DRAWN
DATE 5-8 | CHECKED

LASALLE COUNTY STATION — UNIT
INSERVICE INSPECTION
RECIRCULATION FROM RR B-C

IRH-1001



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 20 1983

SIGNED John Zarcia
PROJECT ENGINEER

1RH40B3-12" T-93

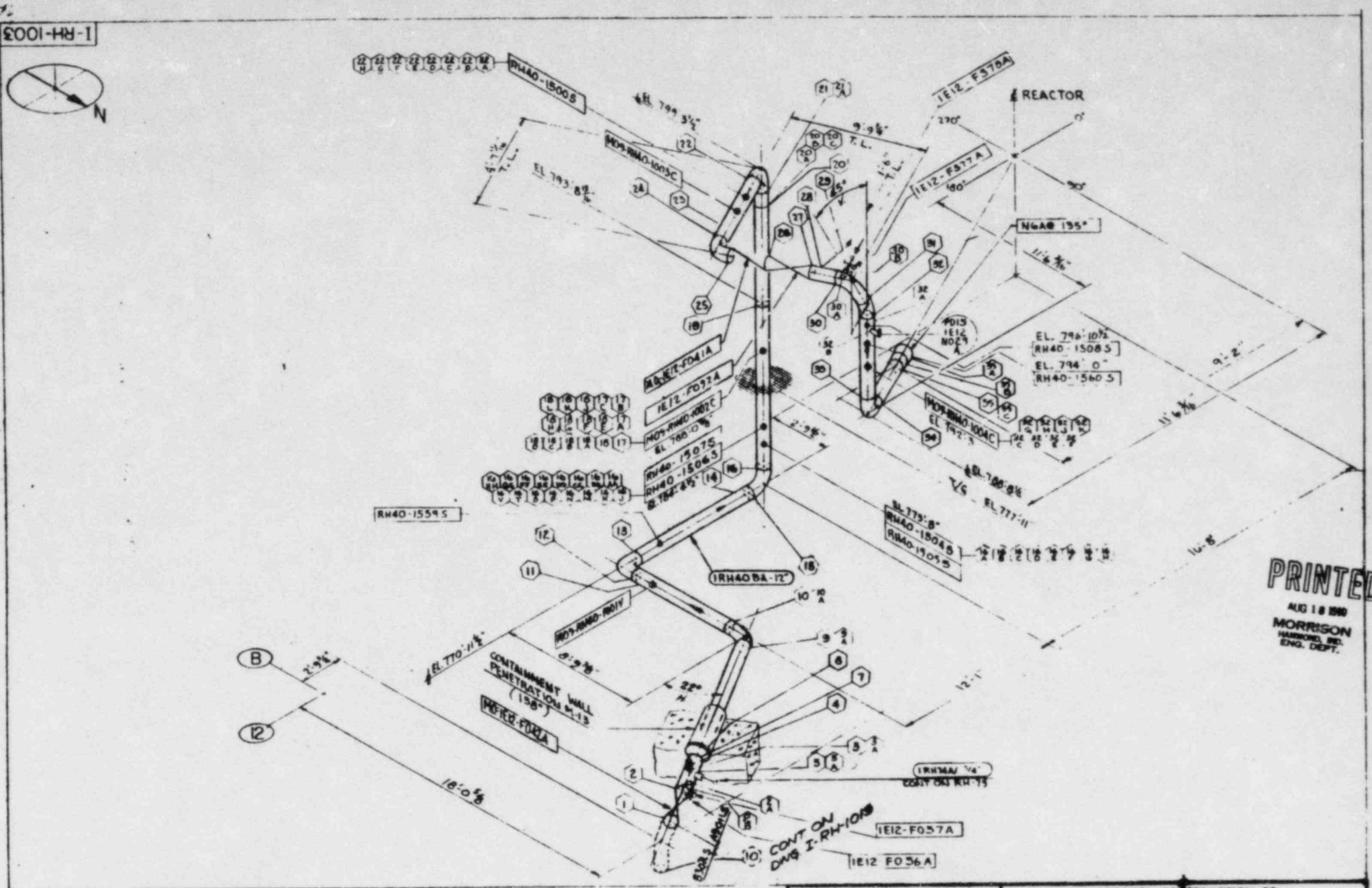
REVISIONS			
REV	Description	By	Date
1			

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2466 Fx 904 980 307

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL SOUTH-WEST LOOP

MCC01SO # I-RH-1002



REVISIONS			
REV	Description	By	Date
0	[illegible]		8/30/78
1	PER NRC		6/27/79
A	Rev To Conf HD-C-154		9/30/79
B	Rev To Conf HD-C-279		11-6-79
C	Rev Per QA Requirements		
—	Rev To Conf HD-C-279		8-1-80

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

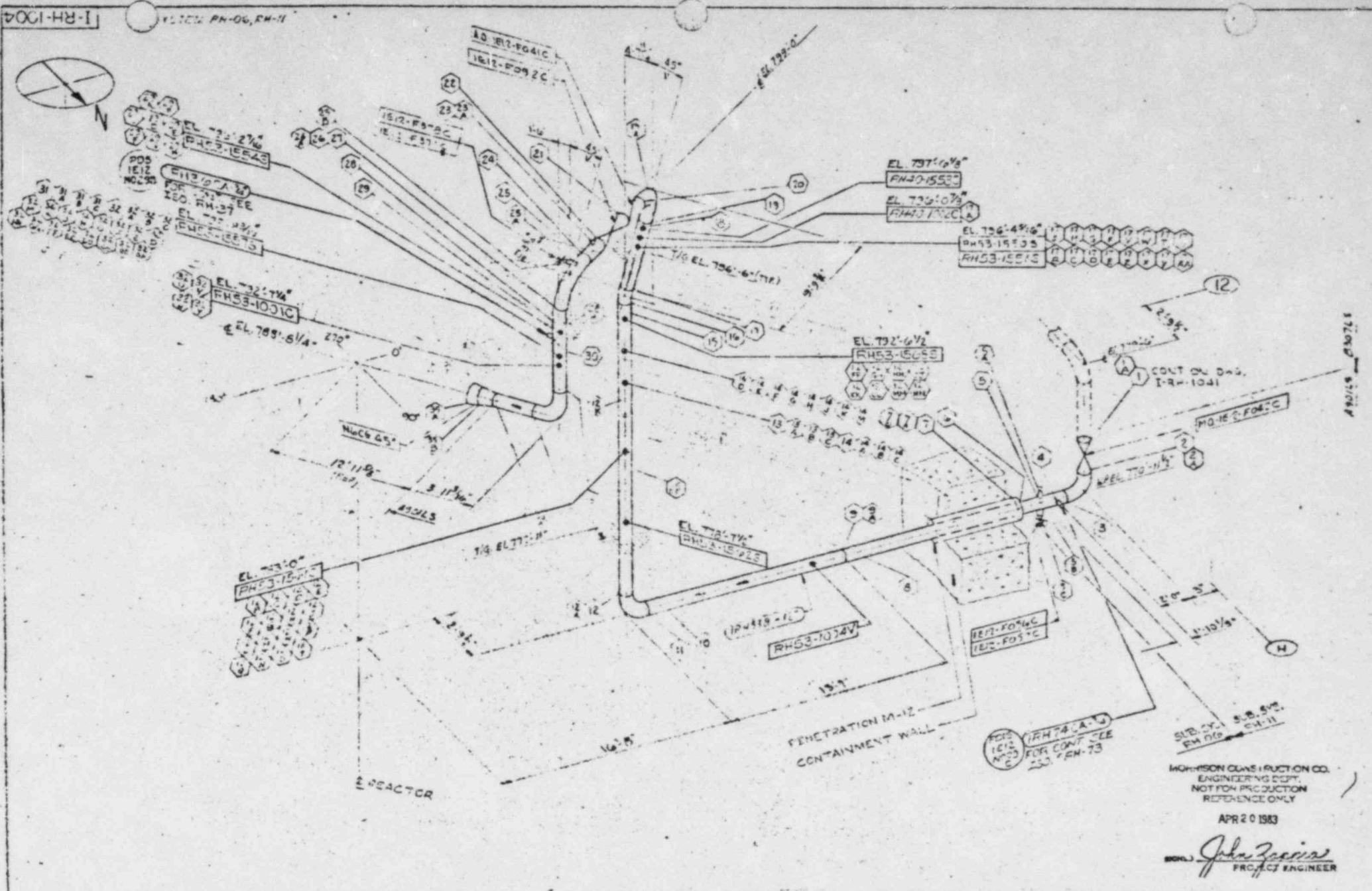
Job No. 3466 Pp 1001 1002 1007 — Drawn [illegible] Date 2-22-78
TRI BASED ON ASME SECT III C — Checked [illegible] Date 3-7-78
MCCO SPEC SS-OL-23/2 — APPVD [illegible] Date

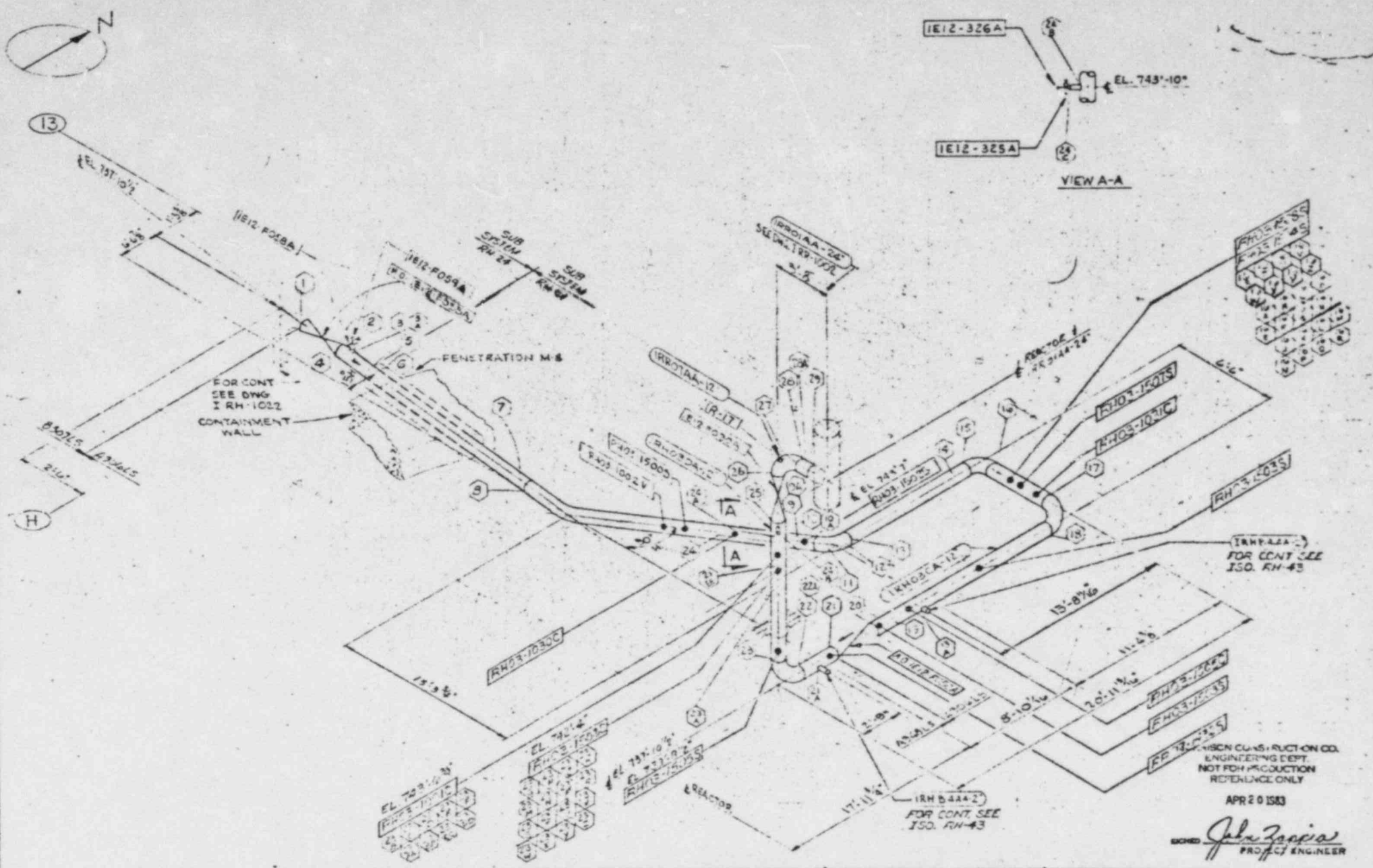
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL SYSTEM

REF Dwg Rev M-892 11/8, M-893 2/8, M-892 2/3, M-893 11/8, M-894 1/8

MCCO 1150 # I-RH-1003

MCCO 10 OF 1 827


I-RH-1004
FOR CONT. SEE FM-06, FM-11
EL. 797'-10 1/8"
RH53-155C
EL. 796'-10 7/8"
RH53-155B
EL. 796'-4 5/16"
RH53-155D
RH53-155C
T/G EL. 796'-6" (TYP.)
EL. 792'-6 1/2"
RH53-155E
EL. 789'-8 1/4"
EL. 788'-11 3/4"
RH53-103C
EL. 788'-7 1/4"
EL. 788'-3 3/4"
EL. 788'-0"
RH53-103B
EL. 787'-7 1/4"
RH53-155A
EL. 787'-2 7/16"
RH53-155AC
RH53-103A
RH53-103A
RH53-103A



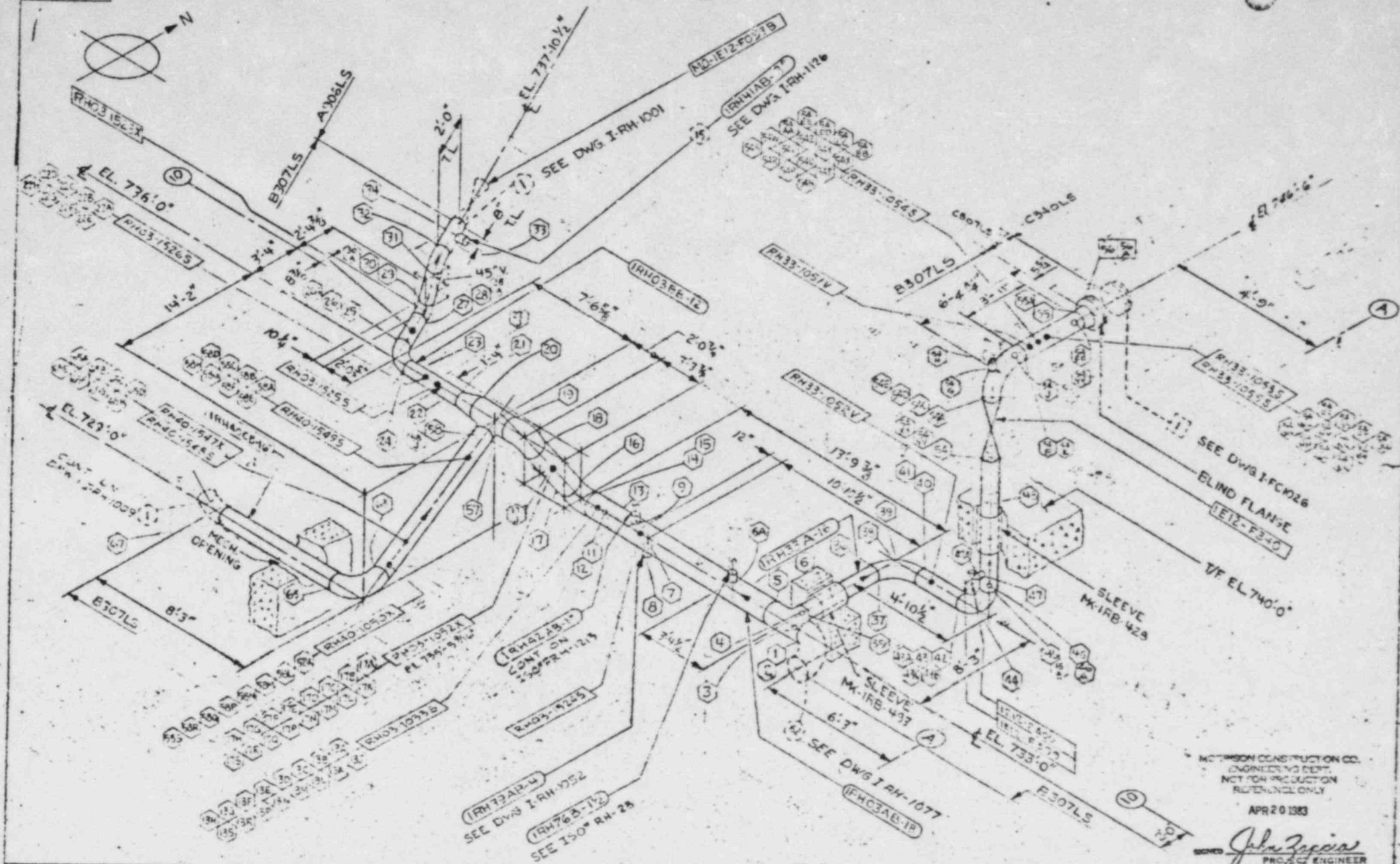
LINE NO. - IRH63DA-12"
TRAVELER - RH T-54, RH T-56

REVISIONS

MORRISON CONSTRUCTION COMPANY
HAVRE, MONTANA

LA SALLE ELECTRICAL UTILITIES
INDEPENDENCE SECTION

005



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
APR 20 1983

SIGNED John Zygiss
PROJECT ENGINEER

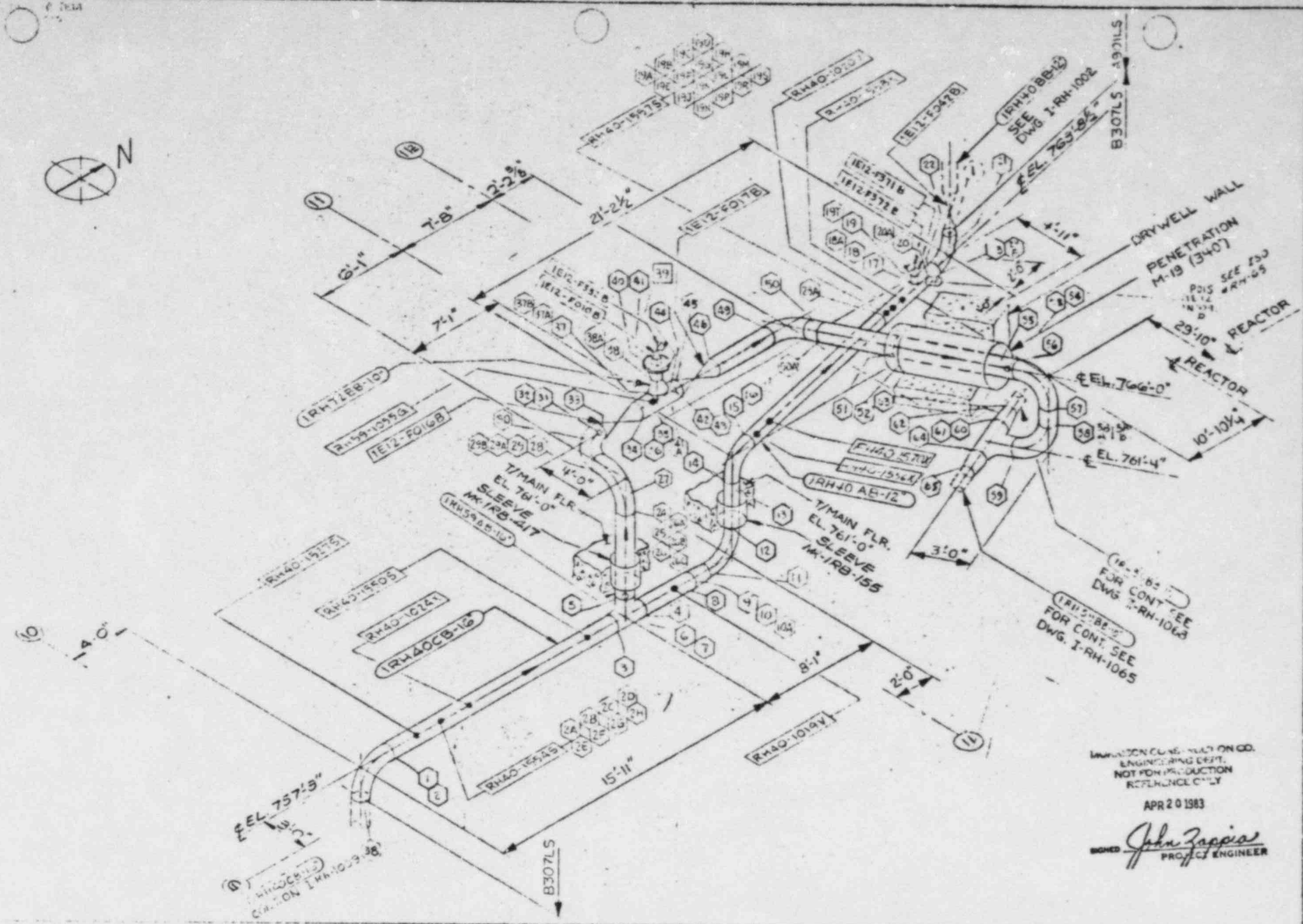
LINE* 1RH03AB-18" TRAVELER NO RH-T-91
LINE* 1RH03BS-12" TRAVELER NO RH-T-83
LINE* 1RH03AE-1B" TRAVELER NO RH-T-81
LINE* 1RH41AB-3" TRAVELER NO RH-T-100

REVISIONS			
REV.			DATE

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
NUCLEAR POWER INSPECTION
PERSONAL HEAT REMOVAL

EL. 735'-0"
HEAT EXCHANGER
1E12-B001B
EL. 712'-11½"
EL. 718'-0"
EL. 732'-0"
EL. 705'-6"
EL. 699'-4½"
EL. 695'-3"
EL. 693'-9¾"
EL. 684'-5⅛"
EL. 718'-4½"
EL. 712'-11½"
EL. 716'-7⅛"
EL. 708'-1½"
EL. 703'-3"
EL. 699'-4½"
EL. 695'-3"
EL. 693'-9¾"
EL. 684'-5⅛"
SEE 2HD 0-0178
SEE 2HD 0-0179
SEE 2HD 0-0180
SEE 2HD 0-0181
SEE 2HD 0-0182
SEE 2HD 0-0183
SEE 2HD 0-0184
SEE 2HD 0-0185
SEE 2HD 0-0186
SEE 2HD 0-0187
SEE 2HD 0-0188
SEE 2HD 0-0189
SEE 2HD 0-0190
SEE 2HD


N
B307LS
SEE DWG I-RH-1002
EL. 763'-6½"
DRYWELL WALL PENETRATION M-19 (340°)
REACTOR
29'-10"
10'-10½"
EL. 761'-4"
EL. 756'-0"
T/MAIN FLR. EL. 761'-0" SLEEVE MK-1RB-155
T/MAIN FLR EL 761'-0" SLEEVE MK-1RB-217
4'-0"
3'-0"
2'-0"
8'-1"
15'-11"
7'-8"
6'-1"
7'-1"
21'-2½"
2'-2⅝"
4'-11"
EL. 757'-3"
FOR CONT. SEE DWG. I-RH-1065
FOR CONT SEE DWG I-RH-1064
IRH40CB-16
IRH40AB-12
IRH40BB-13
IRH40BB-15
IRH40BB-16
IRH40AB-11
IRH40AB-10
IRH40AB-9
IRH40AB-8
IRH40AB-7
IRH40AB-6
IRH40AB-5
IRH40AB-4
IRH40AB-3
IRH40AB-2
IRH40AB-1
IRH40BB-14
IRH40BB-12
IRH40BB-11
IRH40BB-10
IRH40BB-9
IRH40BB-8
IRH40BB-7
IRH40BB-6
IRH40BB-5
IRH40BB-4
IRH40BB-3
IRH40BB-2
IRH40BB-1
IRH40AB-13
IRH40AB-14
IRH40AB-15
IRH40AB-16
IRH40AB-17
IRH40AB-18
IRH40AB-19
IRH40AB-20
IRH40AB-21
IRH40AB-22
IRH40AB-23
IRH40AB-24
IRH40AB-25
IRH40AB-26
IRH40AB-27
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IRH40AB-38
IRH40AB-39
IRH40AB-40
IRH40AB-41
IRH40AB-42
IRH40AB-43
IRH40AB-44
IRH40AB-45
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IRH40AB-47
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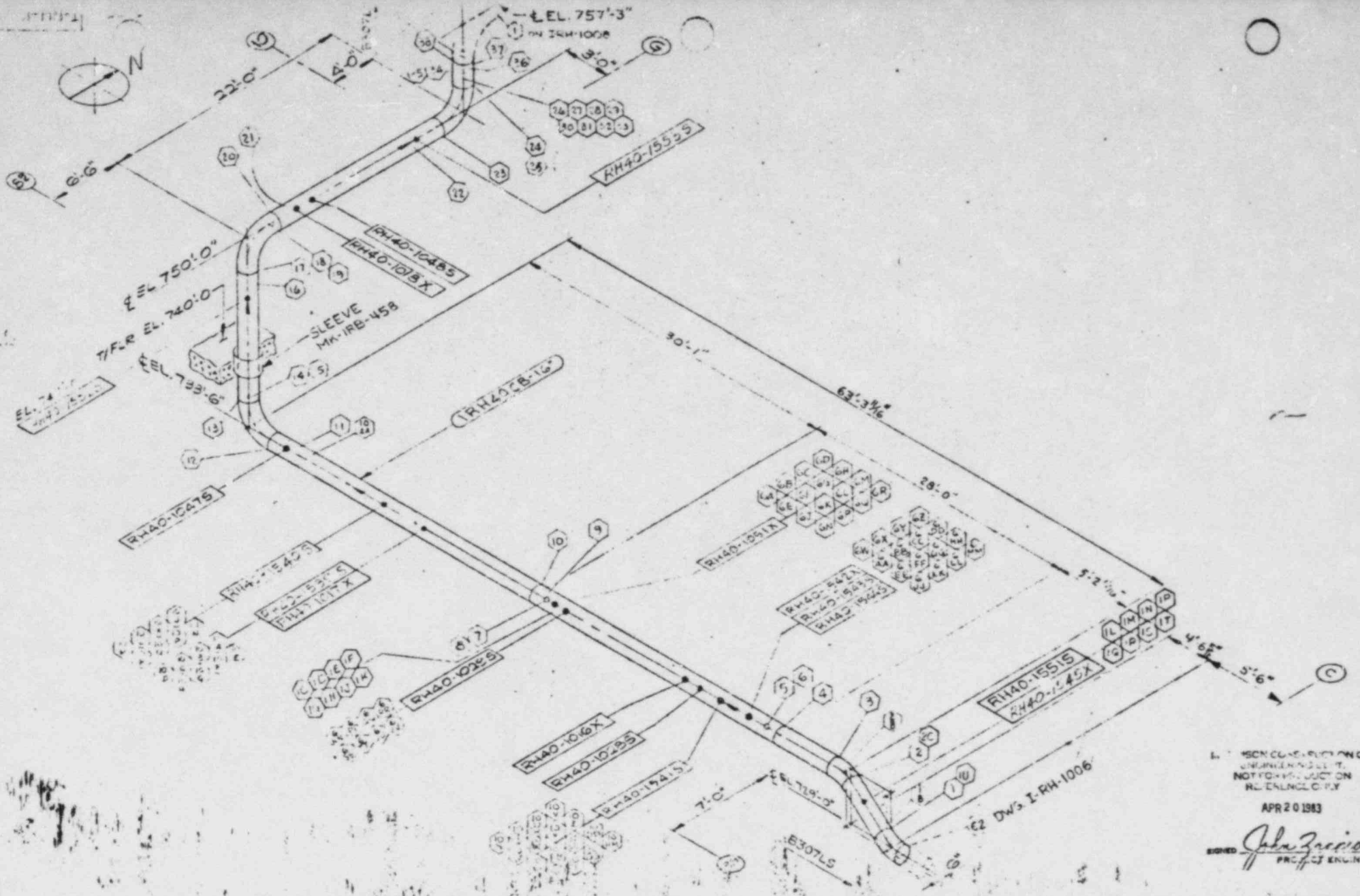
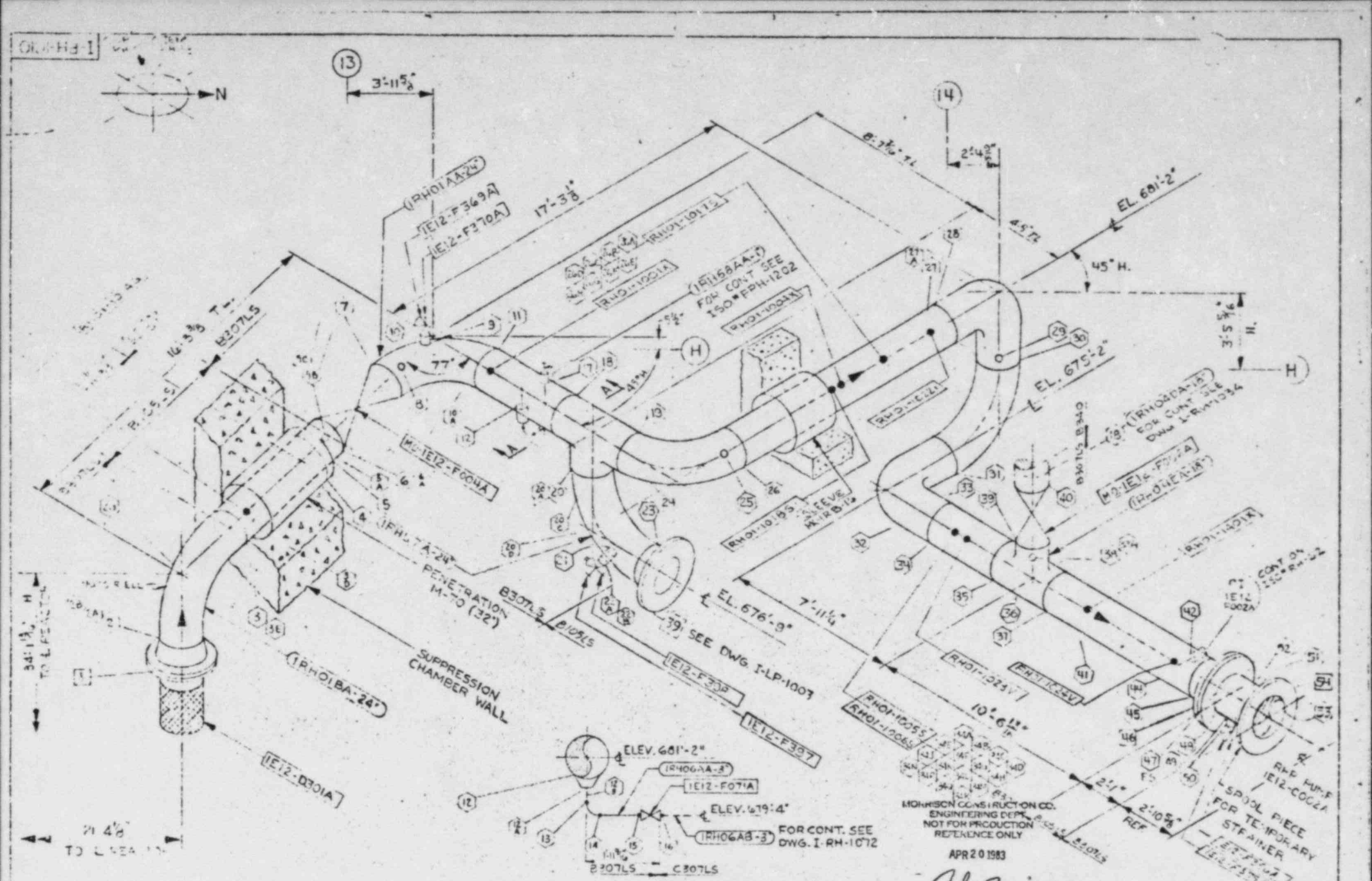
IRH40AB-49
IRH40AB-50
IRH40AB-51
IRH40AB-52


℄ EL. 757'-3"
ON I-RH-1008
N
22'-0"
4'-0"
9'-0"
6'-6"
RH40-15525
RH40-10485
RH40-10198X
℄ EL. 750'-0"
T/F-R EL. 740'-0"
SLEEVE
MA-IRB-458
℄ EL. 733'-6"
RH40-CB-16"
30'-1"
63'-3 1/16"
28'-0"
RH40-10476
RH40-10545
RH40-10551X
RH40-10545
RH40-10545X
RH40-10545
RH40-10545
RH40-10545X
RH40-10545
RH40-10545
RH40-10545X
RH40-10545


N
3'-11 5/8"
17'-3 1/8"
8'-7 1/2"
2'-4 3/8"
EL. 681'-2"
45° H.
EL. 675'-2"
3'-5 5/16" H.
EL. 676'-9"
7'-11 1/4"
10'-6 1/8"
2'-1"
2'-10 5/8" REF
SEE DWG. I-LP-1007
SUPPRESSION CHAMBER WALL
PENETRATION M-70 (32)
(1RH01BA-24")
(1E12-D301A)
(1RH01AA-24")
(1E12-F369A)
(1E12-F370A)
(1RH01-1011)
(1E11BBAA-1") FOR CONT SEE ISO-FPH-1202
(1RH01-1004)
(1RH01-1005)
(1RH01-1006)
(1RH01-1007)
(1RH01-1008)
(1RH01-1009)
(1RH01-1010)
(1RH01-1022)
(1RH01-1023)
(1RH01-1024)
(1RH01-1025)
(1RH01-1026)
(1E12-F004A)
(1E12-F006A)
(1E12-F007A)
(1E12-F008A)
(1E12-F009A)
(1E12-F010A)
(1E12-F011A)
(1E12-F012A)
(1E12-F013A)
(1E12-F014A)
(1E12-F015A)
(1E12-F016A)
(1E12-F017A)
(1E12-F018A)
(1E12-F019A)
(1E12-F020A)
(1E12-F021A)
(1E12-F022A)
(1E12-F023A)
(1E12-F024A)
(1E12-F025A)
(1E12-F026A)
(1E12-F027A)
(1E12-F028A)
(1E12-F029A)
(1E12-F030A)
(1E12-F031A)
(1E12-F032A)
(1E12-F033A)
(1E12-F034A)
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(1E12-F038A)
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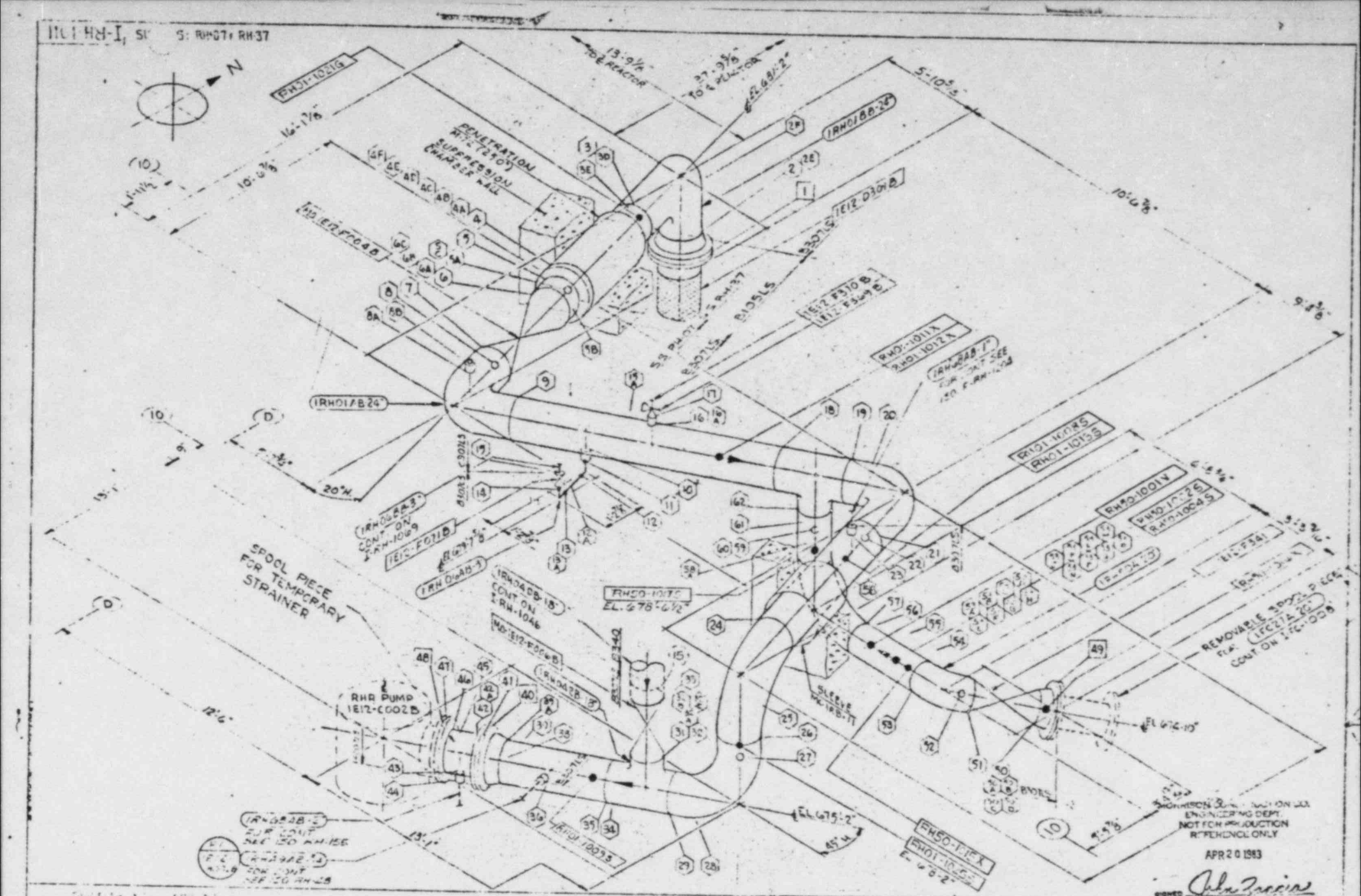
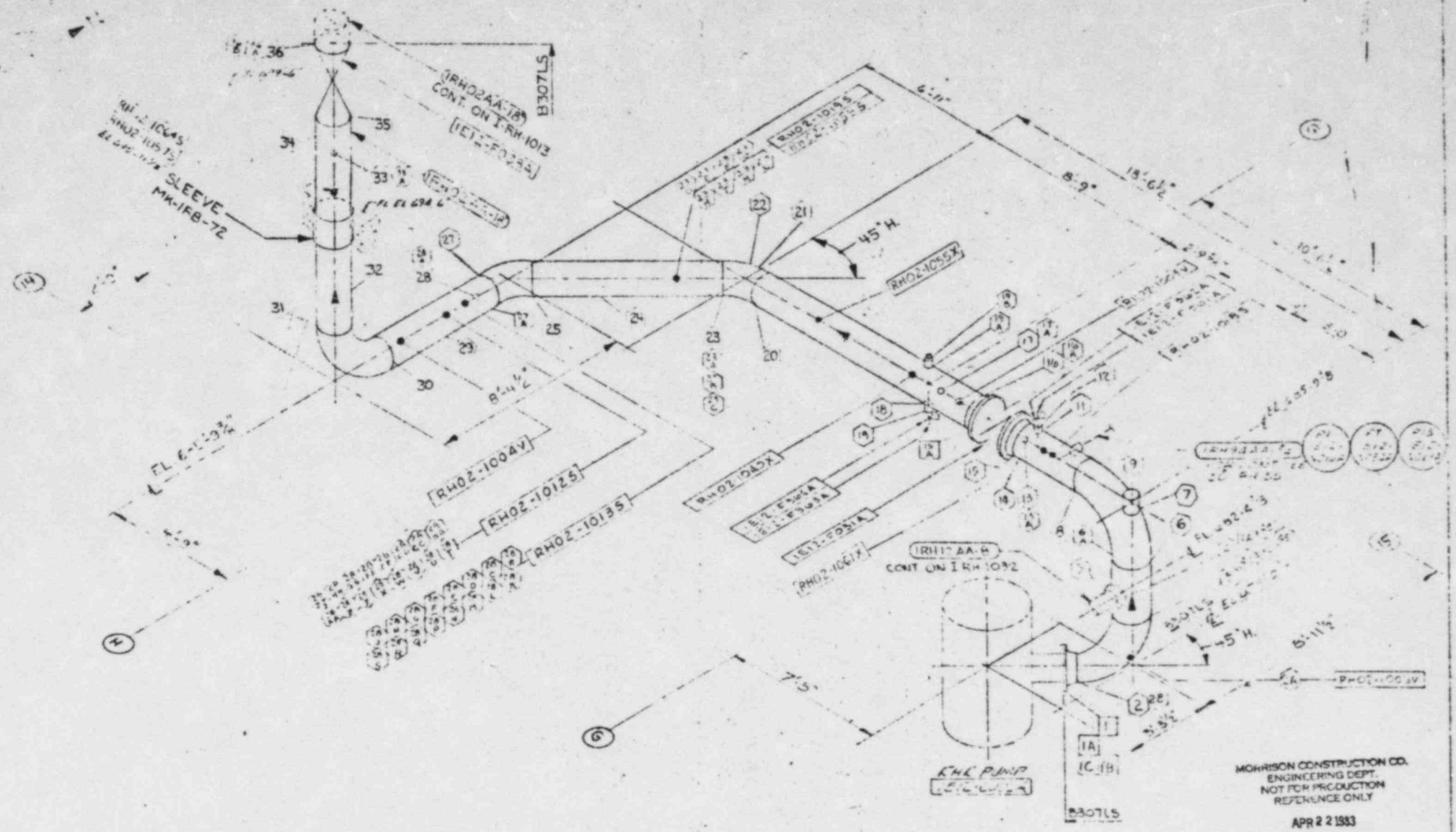
(1E12-F040A)
(1E12-F041A)
(1E12-F042A)
(1E12-F043A)
(1E12-F044A)
(1E12-F045A)


RHR-I, SI S: RH07, RH37
N
PENETRATION
SUPPRESSION
CHAMBER WALL
SPOOL PIECE
FOR TEMPORARY
STRAINER
RHR PUMP
1E12-C002B
SLEEVE
RHR-188-11
REMOVABLE SPOOL PIECE
FOR CLEANING
SEE ISO 1RH-1008
EL. 675'-2"
EL. 678'-6 1/2"
EL. 672'-10"
20"H.
65"H.
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
APR 20 1983

SYS. RH-24



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 2 2 1983

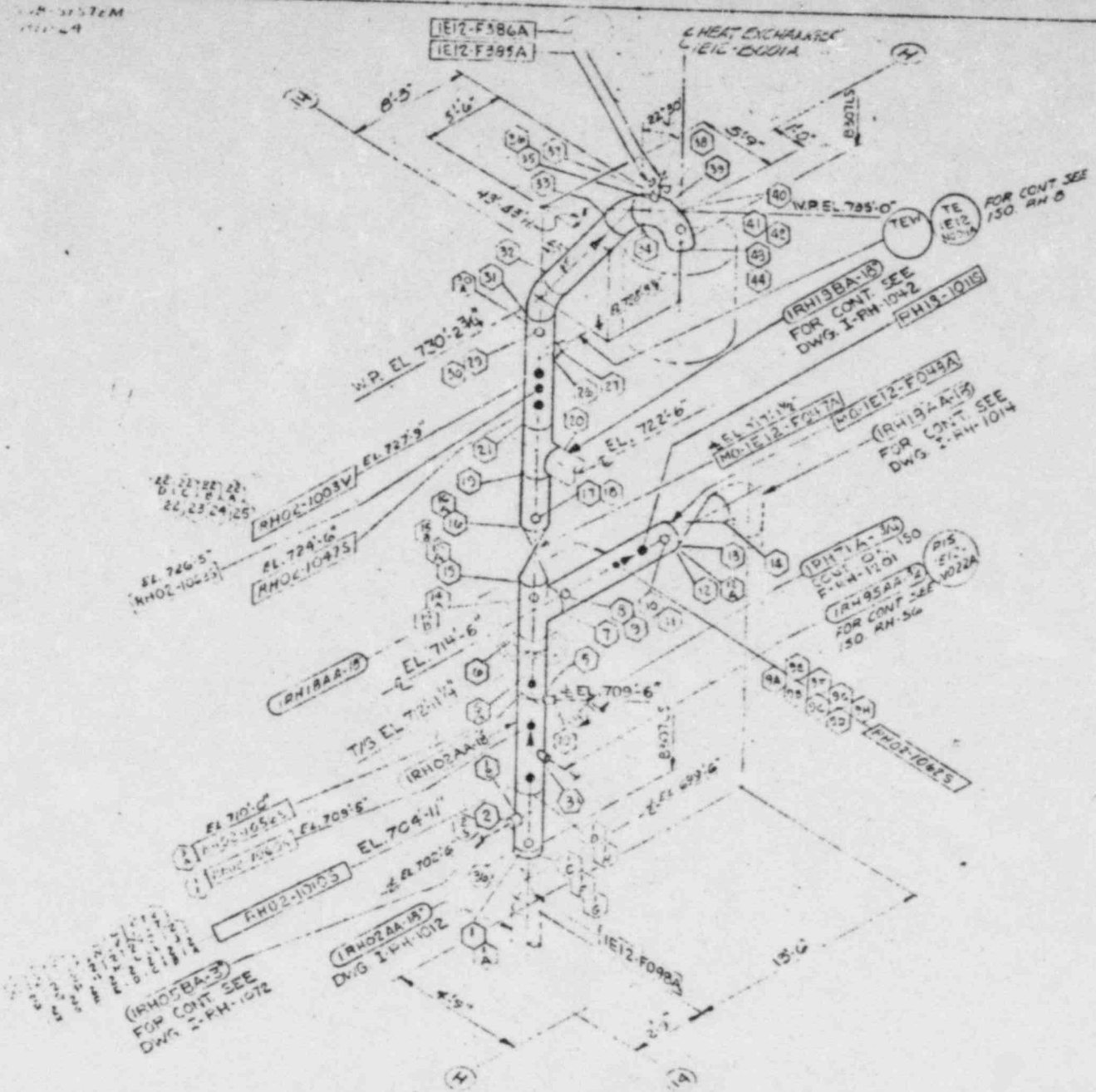
SIGNED John Zappia
PROJECT ENGINEER

LINE NO. 1"-RHR2AA-1B" TH.=.48

REVISIONS			
NO.	Description	By	Date

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
RESIDUAL HEAT REMOVAL PIPING



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 2 2 1983

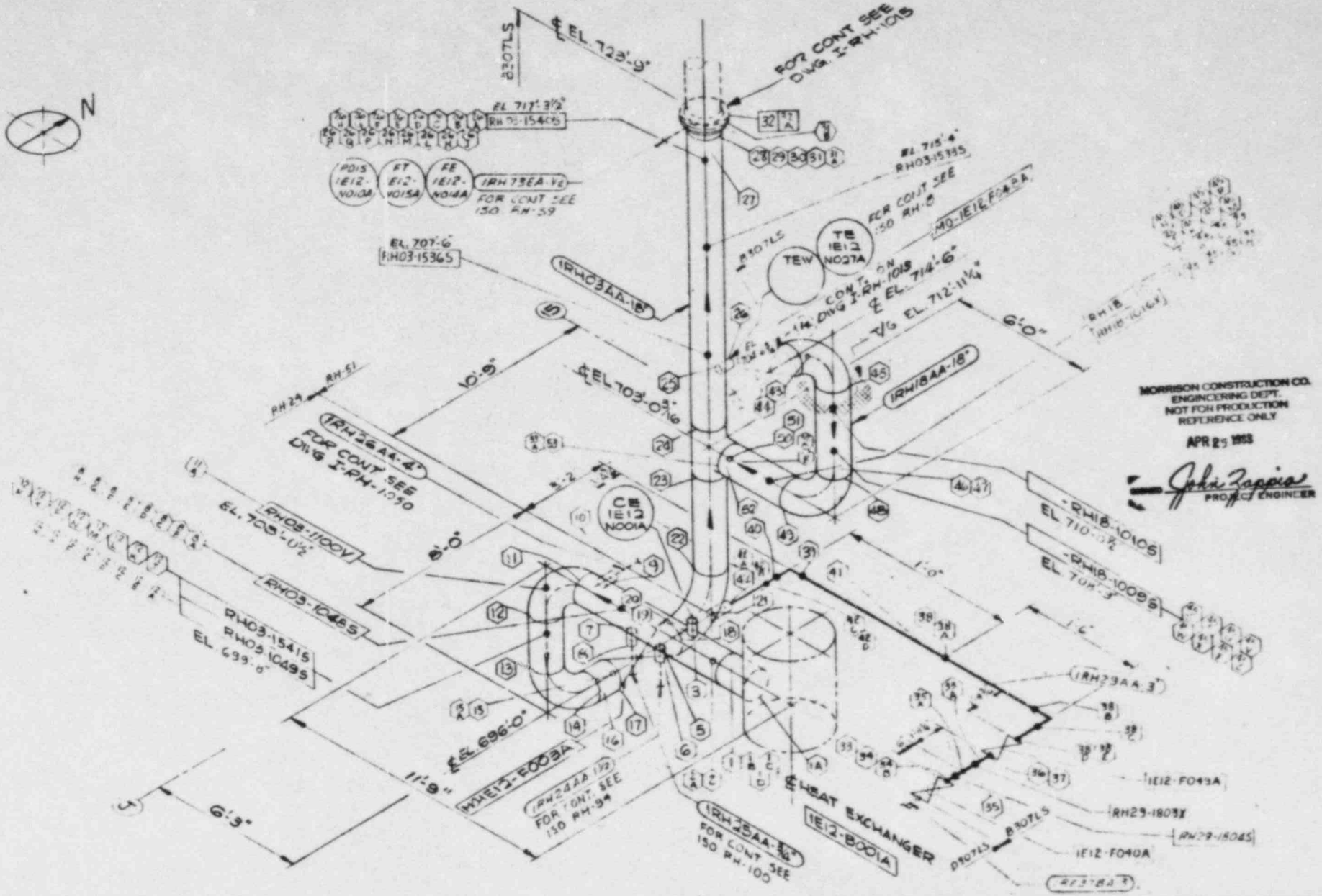
SIGNED John Zappia
PROJECT ENGINEER

REVISIONS			
REV			DATE

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2

I-RH-1014



LINE# 1RH03AA-18" TRAV RH-T-50
1RH23AA-3 TRAV RH-T-86
1RH18AA-18" TRAV RH-T-74

REVISIONS			
REV	Description	BY	Date
C	PER FIELD MARKUP		6/24/83
B	PER FIELD MARKUP		6/16/83
A	PER FIELD MARKUP		5/20/83
0	PER FIELD MARKUP		3/11/83
	PER FIELD MARKUP		2/25/83
D	PER FIELD MARKUP		2/8/83
C	PER FIELD MARKUP		1/26/83

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

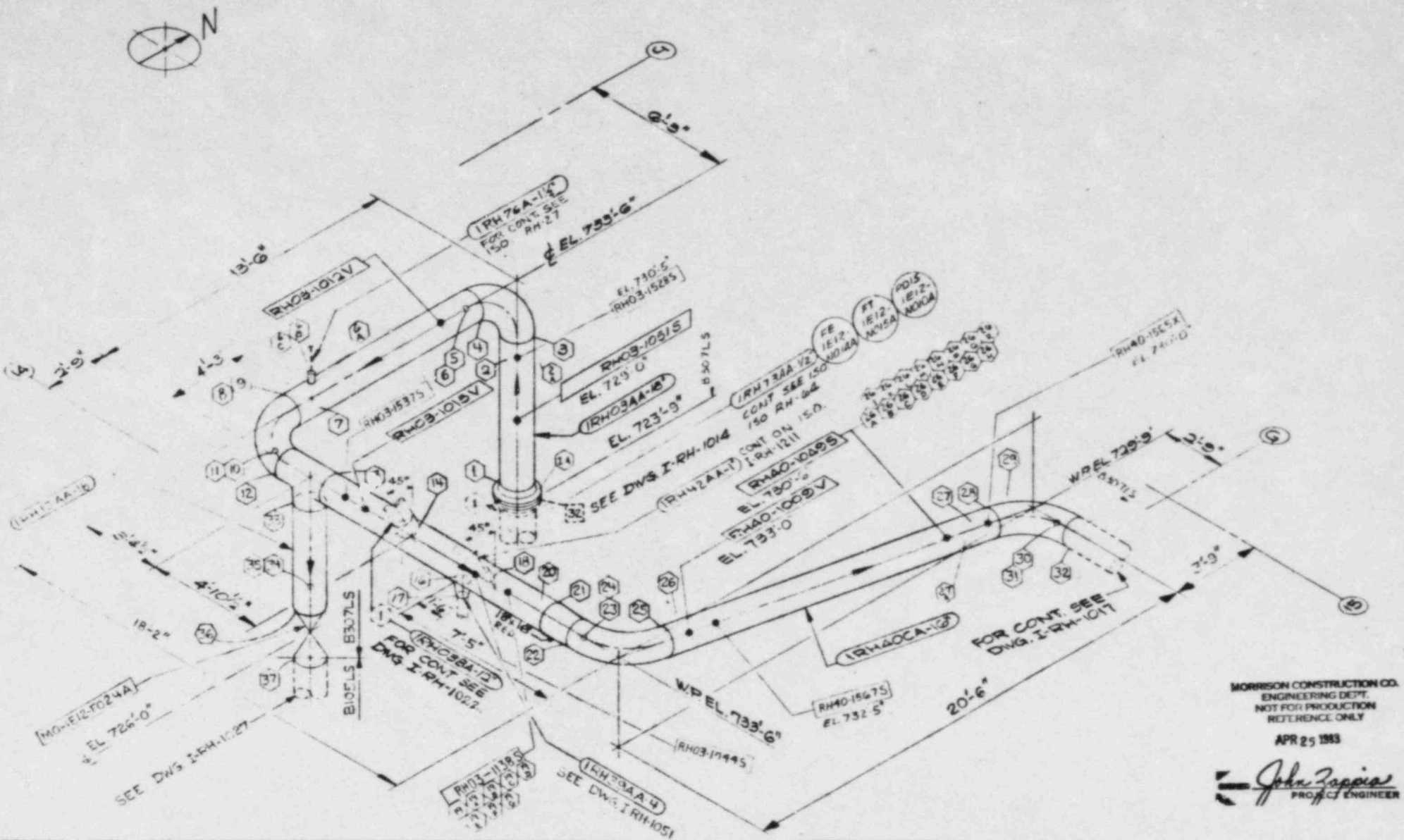
Job No. 3484 Pa 984 980 307
TSI BASED ON ASME SEC III C.
TSI CL 1&2

Drawn [illegible] Date 1/21/83
Checked [illegible] Date 2/2/83
APPVD Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

REF Dwg Rev
M 2 4 1 V 0 0 2 4 1 V 0 0 2 4 1 V 0 0

I-RH-1015



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 25 1983

John Zappia
PROJECT ENGINEER

REVISIONS				
REV	Description	By	Ck	Date
C	PIPING CHANGES			
1	WELDING ADDED			
A	REVISED PER ECO [illegible]			
B	[illegible]			
[illegible]	[illegible]			
D	REVISED PER [illegible]			
E	[illegible]			

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2466 Pr. 984 980 207
FSI BASED ON ASME SECT XI & NCCO W.I. SI-CL-03/L
Drawn R.L.F. Date 11/17/77
Checked [illegible] Date 5-21-79
APPVD Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

REF Dwg. Nos. M-30-1, M-830-1, M-830-3
MCCO ISO # I-RH-1015

PENETRATION M-71 (215')
SUPPRESSION CHAMBER WALL
RHR PUMP 1E12-C002C
SPOOL PIECE FOR TEMPORARY STRAINER
14" 150# BLIND FLANGE DURING NORMAL OPERATION
EL 691'-2"
EL 675'-0½"
EL 675'-2"
B107LS
B105LS
B105LS DIOLS
(1RH58A-24")
(1RH68A-1")
(1RH67A-1")
(1RH56B-18")
(1RH56A-18")
(1RH66A-2")
(1RH59A-24")
(1RH58A-12")
(1RH59A-14")
(1RH58A-10")
(1RH58B-10")
(1RH58B-8")
(1RH58B-6")
(1RH58B-4")
(1RH58B-3")
(1RH58B-2")
(1RH58B-1")
(1E12-F370C)
(1E12-F369C)
(1E12-F373C)
(1E12-F372C)
(1E12-F402)
(1E12-F403)
(1E12-F404)
(1E12-F405)
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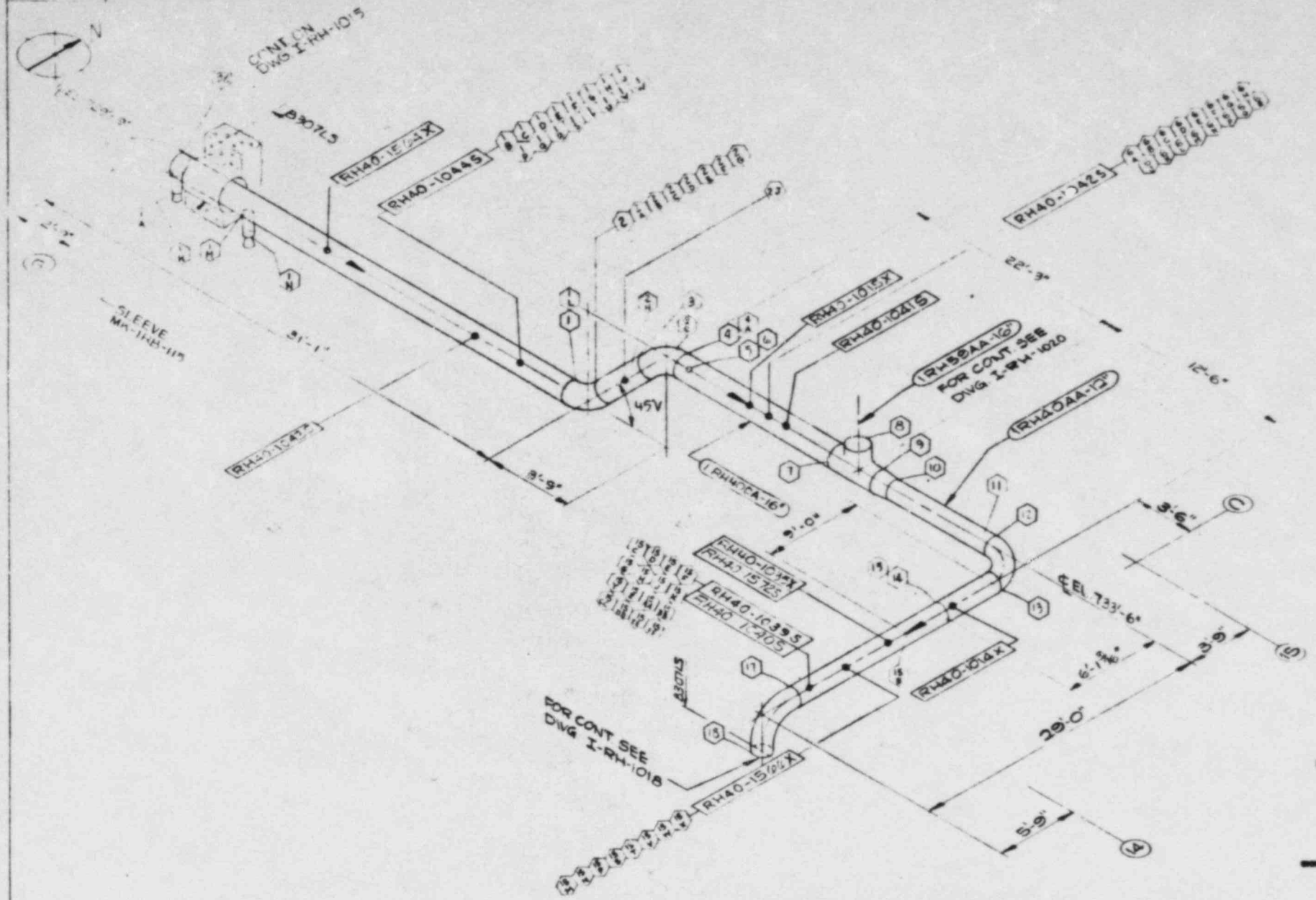
(1E12-F441)



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 25 1983

John Zappia
PROJECT ENGINEER

TRAVELER Nº	LINE Nº
RH T-95	(RH40AA-12
RH T-99	(RH40EA-16"

REVISIONS			
REV	Description	BY	Date
	PRELIM		12-16-78
A	PER TELECON-HOLC 154	RE	3-30-79
B	PER TELECON-HOLC 213		11-16-79
C	AS BUILT PER HOLC 239	RE	4-1-80
D	AS BUILT PER M.O. 5-A		4-3-80
E	AS BUILT PER M.O. 5-A		4-23-82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3486 Fx 994 990 307	Drawn R.L.F. Date 11-23-77
I&I BAGDON AVE SECT II	Checked D.J.F. Date 5-19-78
& MCCO "ISI-DL-15/A	APPVD Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2

INSERVICE INSPECTION

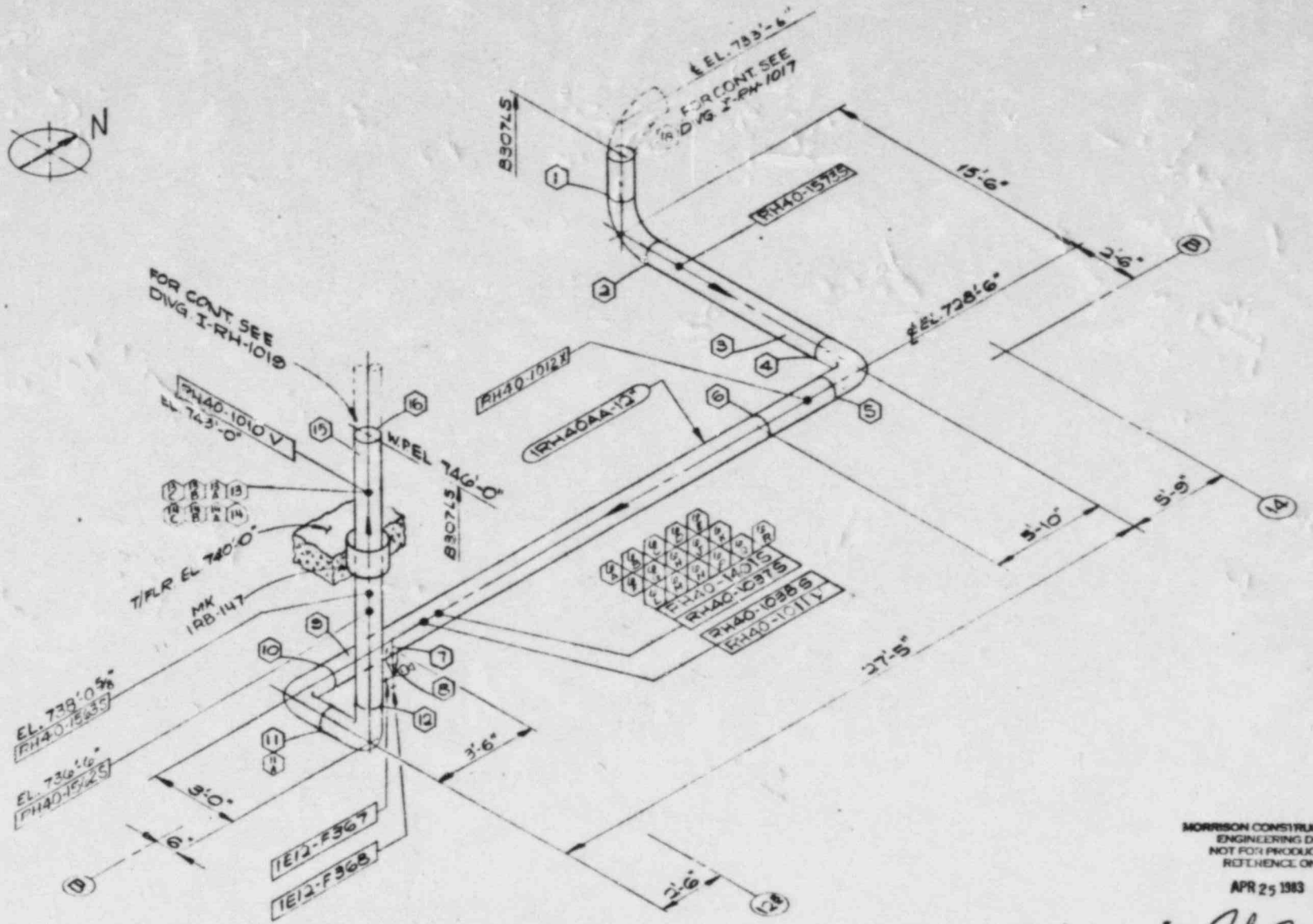
RESIDUAL HEAT REMOVAL PIPING

REF Dwg. No. M-1-2A-RF-2115-3
M-2-2A-RF-2115-3

MCCO ISO # I-RH-1017

SHEET 1

I-RH-1018



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 25 1983

(signed) John Zappia
PROJECT ENGINEER

REVISIONS				
REV	Description	By	Ck	Date
"0"	PRELIMINARY			6-4-78
A				3-30-79
B				11-16-79
C				4-8-80
D				7-14-82
E				4-25-83

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

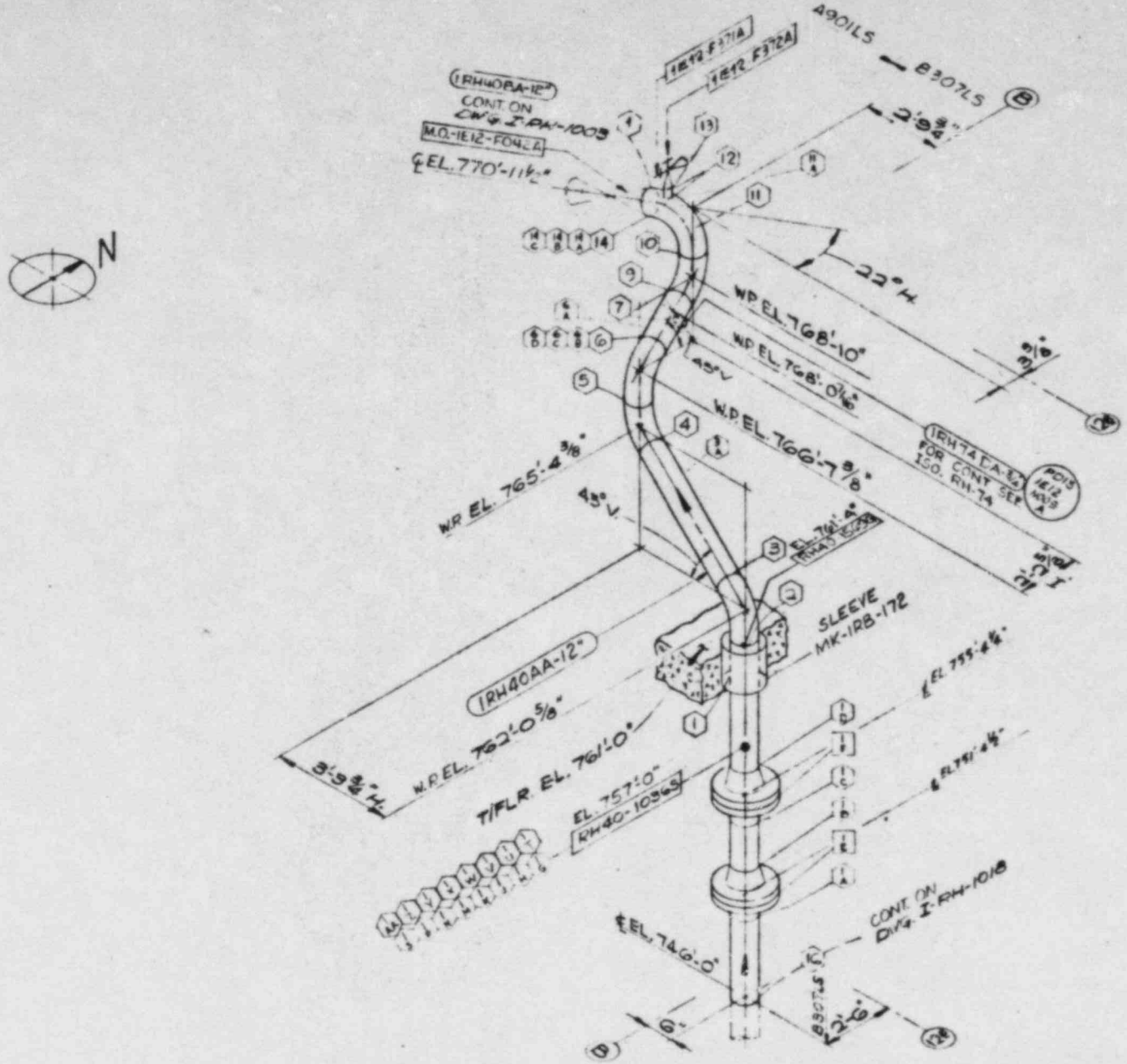
Job No 3466 Pa 984 980 307	Drawn R.L.F.	Date 11/30/77
TEST BASED ON ASME SECTION XI MCCO "IST-OL-2"	Checked T.M.	Date 4-7-78
	APPVD	Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

REF. Dwg. Rev.	MCCO ISO #
M-30-1U; M-595-1A, 5A, 5B, 6A	I-RH-1018

SHEET 1 MCCO ISO DWG # 877

I-RH-1019



LINE # - 1RH40AA-12"
TRAV. - RH T-095

REVISIONS			
REV.	Description	BY	Date
0	PRELIM		
A			
B			
C			
D			
E			

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 FB 984 980 307 — Drawn R.L.F. Date 12/1/77
ISI BASED ON ASME SECT XI IR — Checked — Date
MCCO ISI-OL-23/4 — APPVD — Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL

REF Dwg. Rev. BF A56-1 (R.N. 4) 11/76
M-Str-1 Rev. 2 BF A56-2 (R.N. BF A56-2) 3

MCCO ISO # I-RH-1019

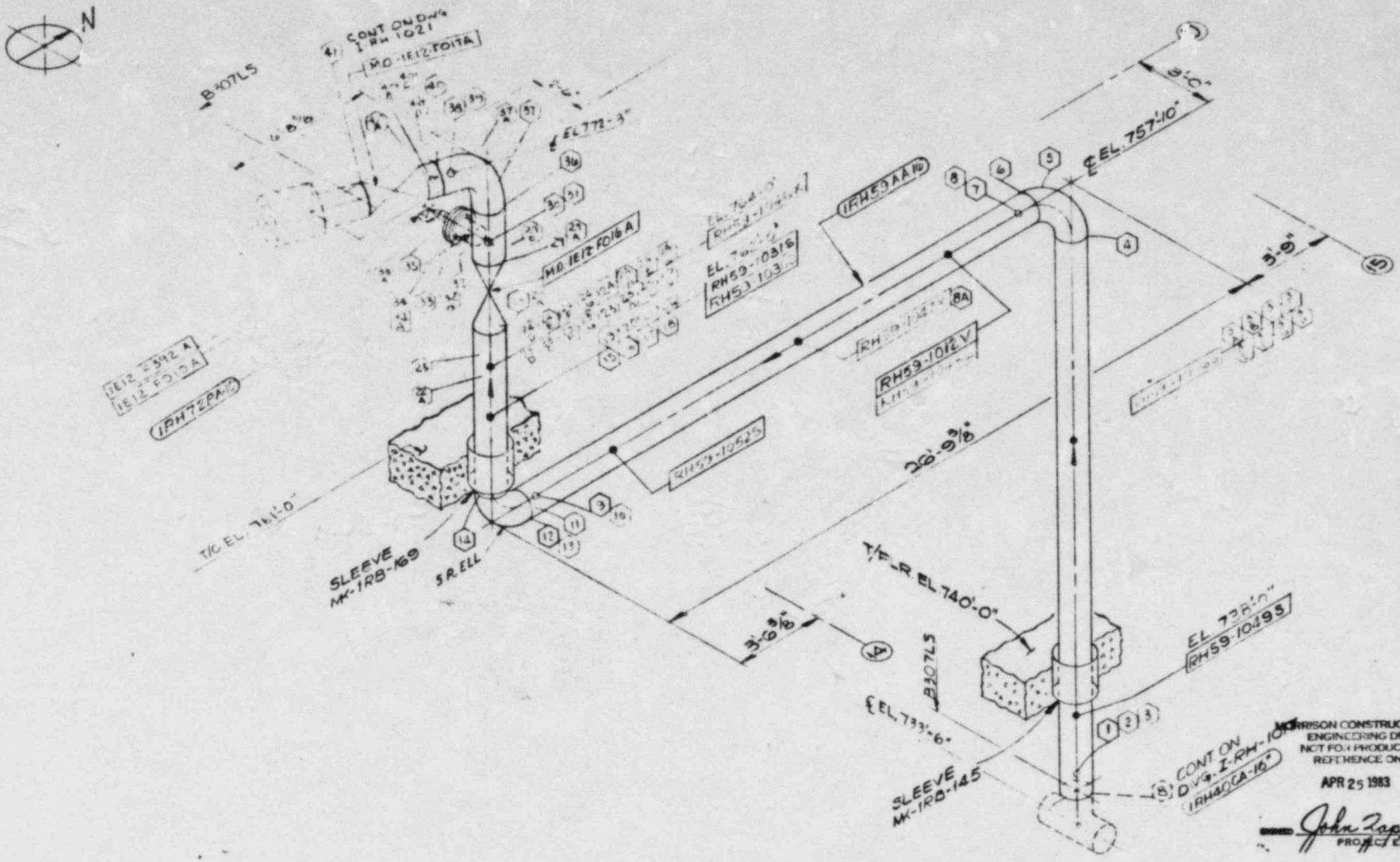
MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
APR 25 1983
John Zeppia
PROJECT ENGINEER

SHEET 1

MCCO ISO DF: 877

I-RH-1021

DWG. RH-24



1RH53AA-10" T-137
1RH72PA-10" T-477

REVISIONS				
REV	Description	By	Chk	Date
C	[illegible]			2-16-78
A	Rev. To Reflect HDC #44			5-30-79
B	Rev. To Reflect HDC #48			11-16-79
C	Rev Per M&EC0 Fragnet 6			[illegible]
[illegible]	Rev To Reflect HDC #51			9-1-80
D	Rev Per M&EC0 ST			11-26
E	Rev Per M&EC0 [illegible]			4-25-83

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

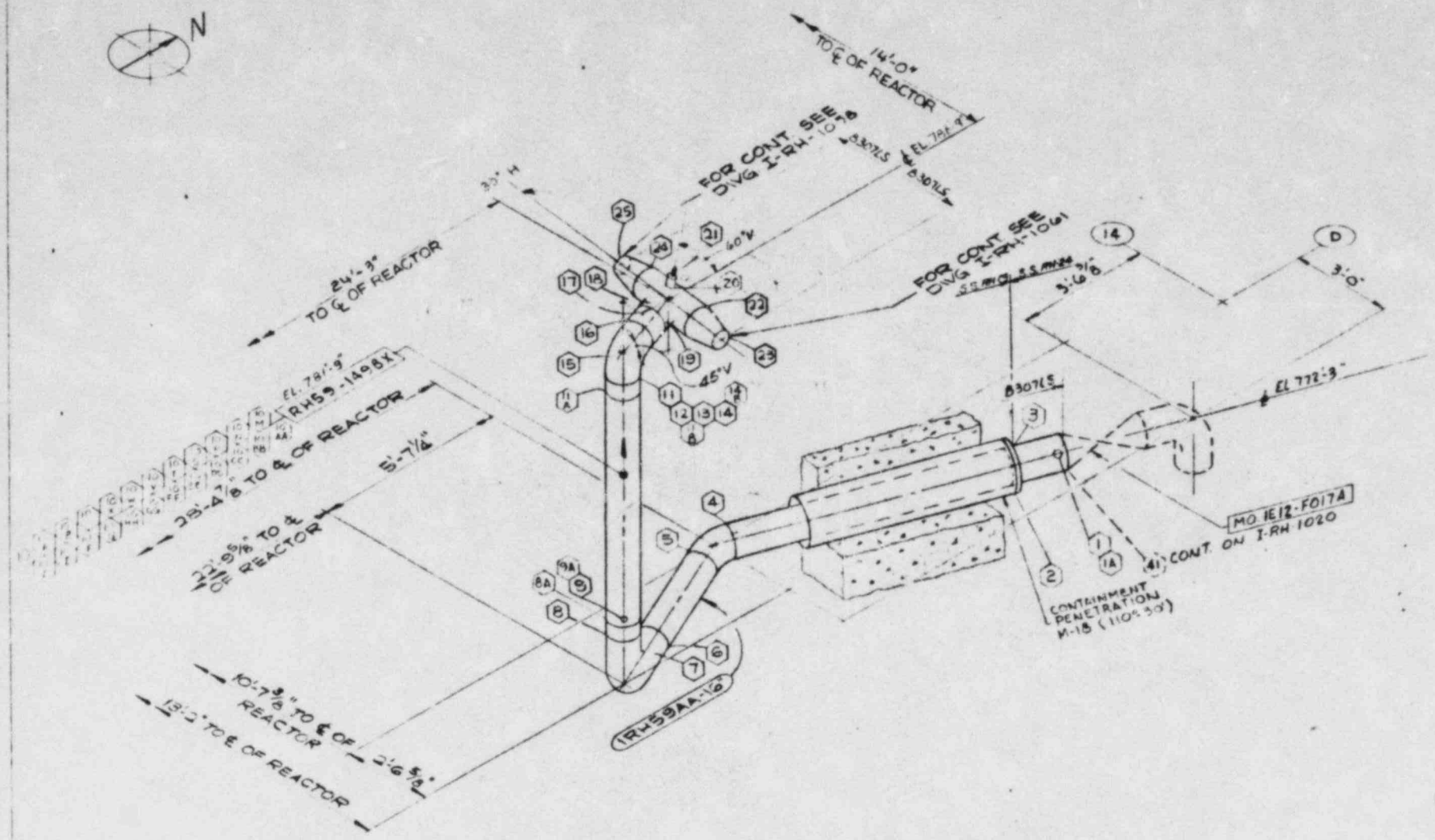
Job No: 3466 Fx 984 980 307	Drawn R L F.	Date 2/2/77
TSI BASED ON ASME SECT XI P.	Checked [illegible]	Date [illegible]
M&EC0 "ISI OL-2" &	APPVD [illegible]	Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

REF Dwg. Rev: M-29-1A ; M-559-2A & M-559-2/3
M&EC0 ISO # I-RH-1020

SHT. 1 M&EC0 FORM 1 877

I-RH-1 2



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 25 1983

SIGNED John Zappia
PROJECT ENGINEER

REVISIONS				
REV	Description	BY	CK	Date
C	ERASURE			
A	PER MECO MEMO 154			
B	PER MECO MEMO 209			
C	ISI PER ASME SEC XI			
D	PER MECO 512			
E	PER MECO MEMO 525			

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

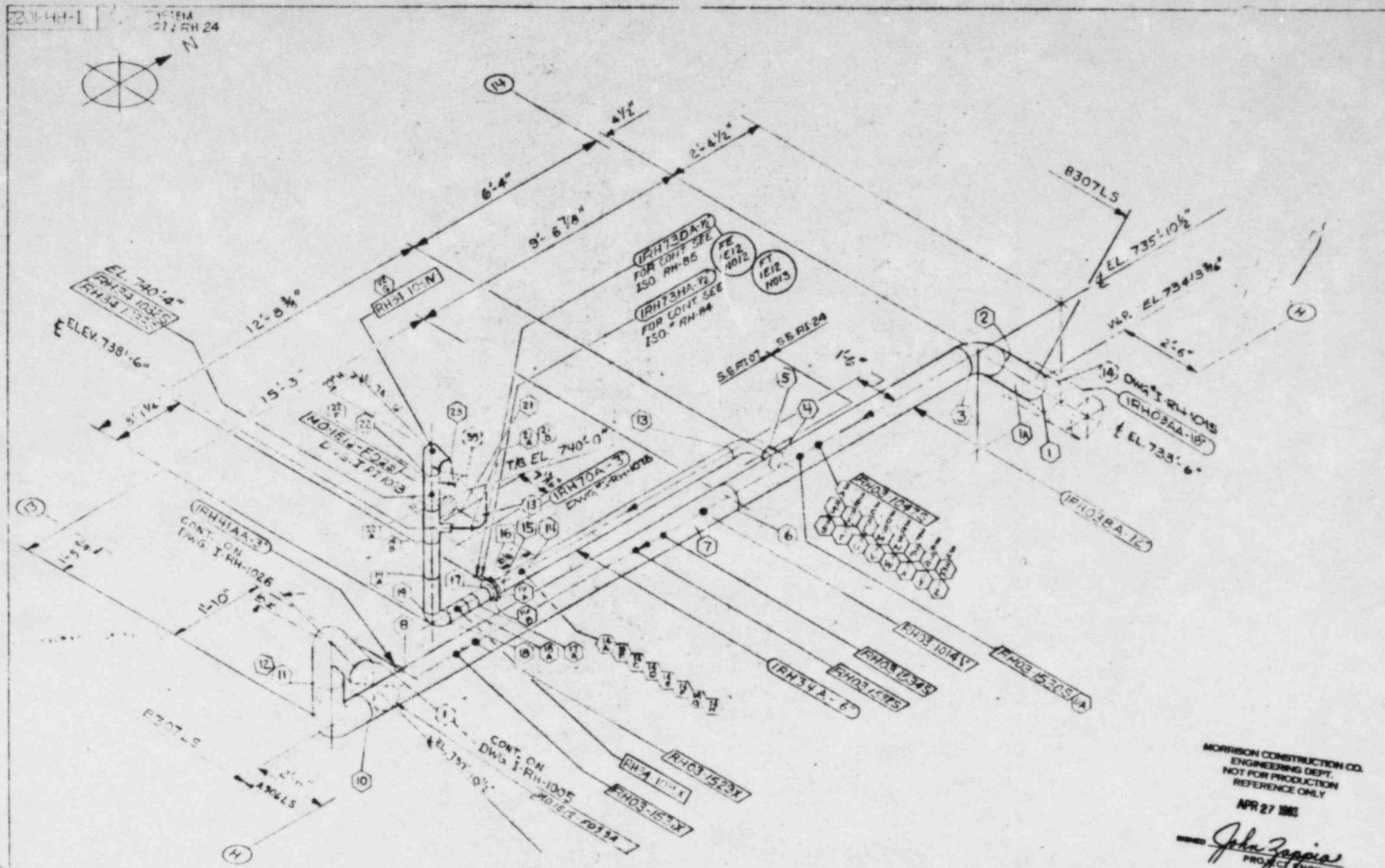
Job No 3466 Fa 984 980 307 — Drawn R.L.F. Date 12/5/77
ISI BASED ON ASME SECT XI & MECO 191-OL-2 3/4 — Checked R.L.F. Date 5-4-78
APPVD Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

REF Dwg Rev BF 830-A/2
M-26 W/M 535 W/M BF 830-A/3

MCCO ISO # I-RH-1021

SHT 1 MCCO ISO 1 877



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 27 1983

SIGNED John Zappia
PROJECT ENGINEER

LINE N 12HO2EA 12" "R" EHT-52
12HO3AA 6" "R" EHT 90

REVISIONS			
REV	Description		Date
0	DRAWN		6-15-82
A	Per T. CACO-HO C 154		8-23-82
B	Per T. CACO-HO C 237		11-16-82
C	Per T. CACO-HO C 274		2-14-83
D	Per T. CACO-HO C 274		4-1-83
E	Per T. CACO-HO C 274		4-26-83

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

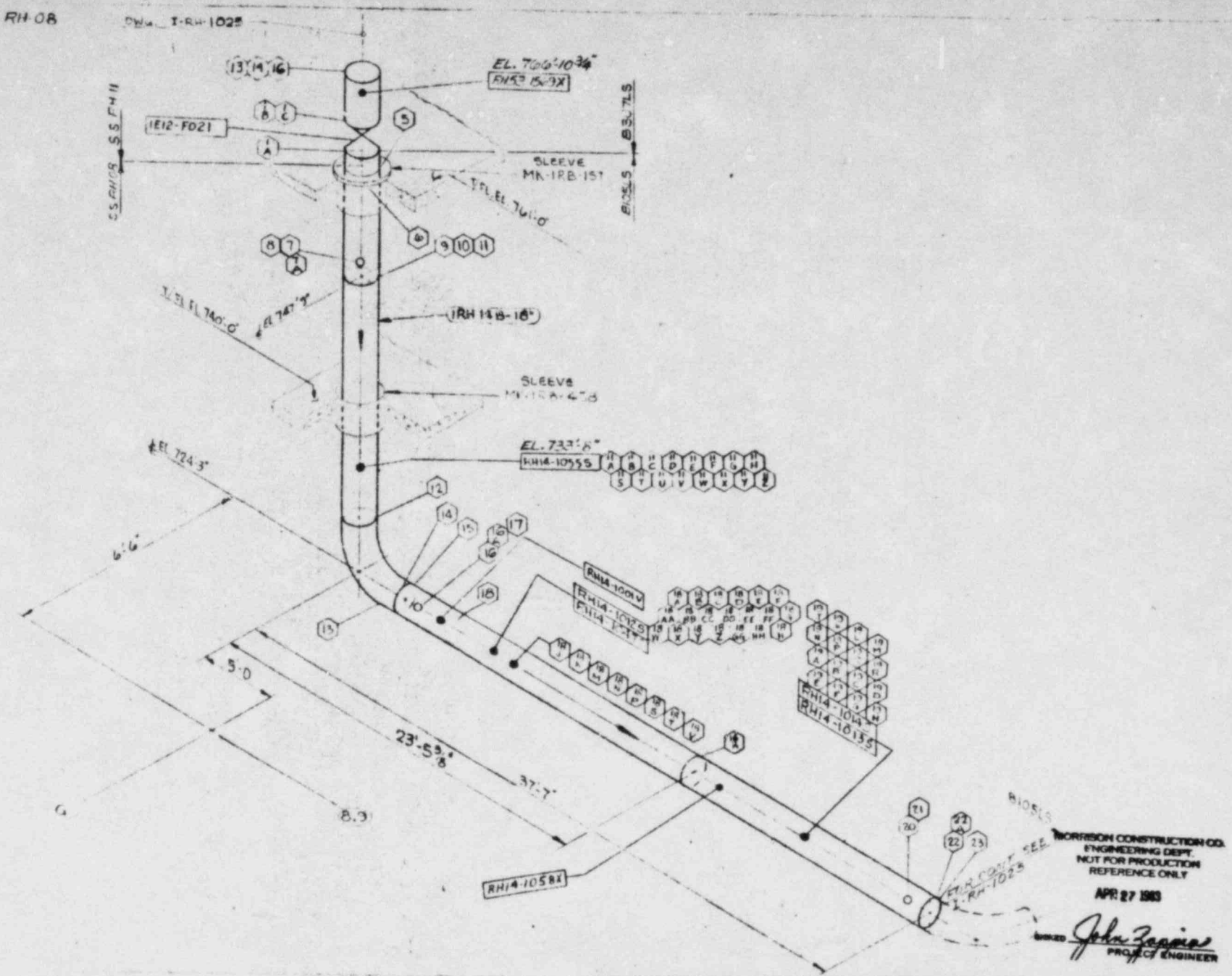
Job No. 3466 Pa 984 980 307 — Drawn — Date —
Checked — Date —
APPVD — Date —

COMMONWEALTH EDISON CO LA SALLE COUNTY STATION UNITS 1&2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL

REF Dwg. No. —
MCCO ISO # I-RH-1032

N
I-RH-1023
SEE SHT I-RH-1
FOR CONT. SEE I-RH-1024
MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
APR 27 1983
Project Engineer
REVISIONS
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA
COMMONWEALTH EDISON CO LA SALLE COUNTY STATION UNITS 1 & 2
PERSONAL HEAT PHASE
I-RH-1023

I-RH-1024 SUE SYS. RH-08



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
APR 27 1983

APPROVED John Zagrie
PROJECT ENGINEER

LINE N 10"-HAB-16" TO RH-T-71

REVISIONS				
REV	Description	By	Ck	Date

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

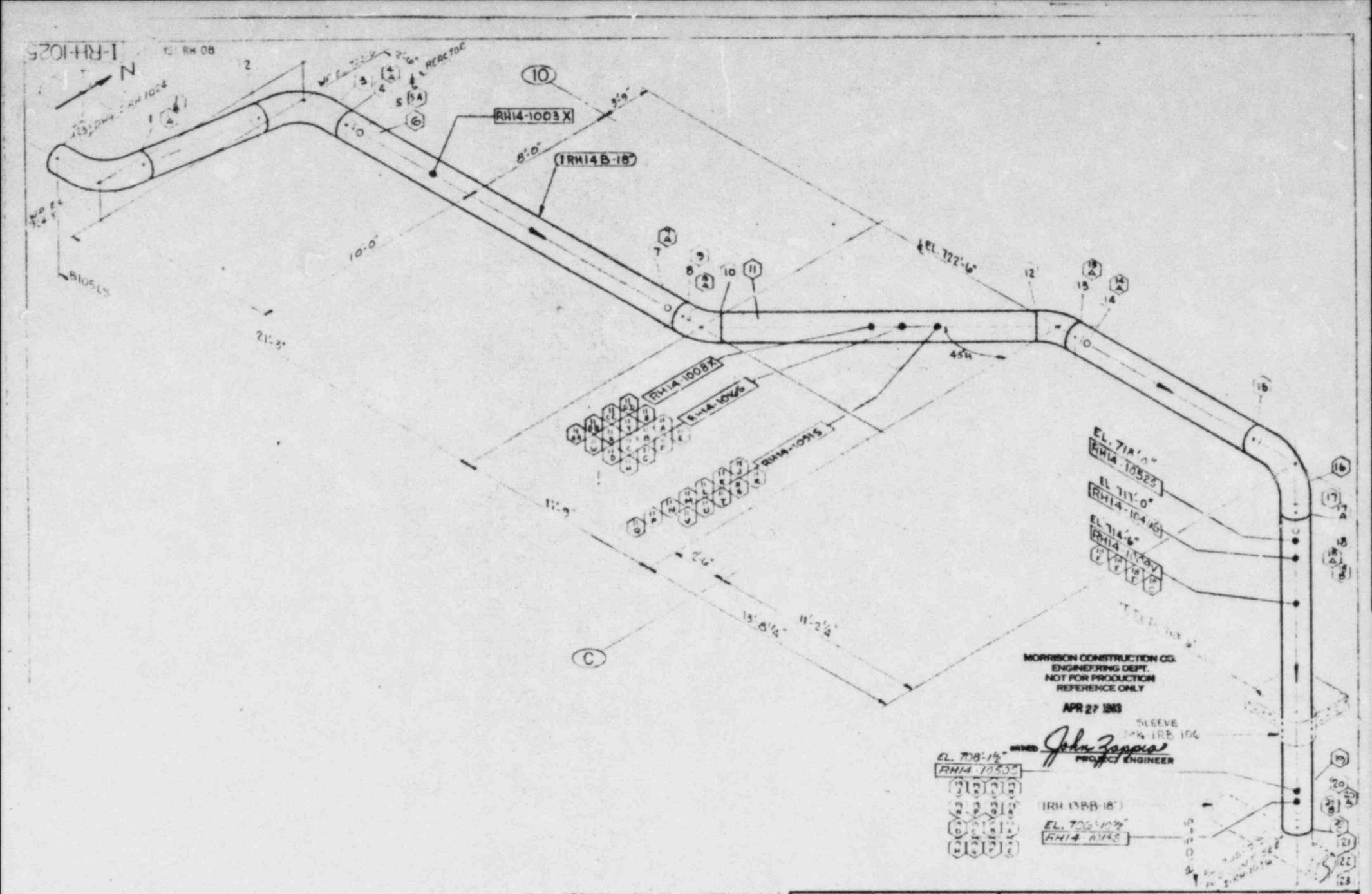
Job No. 3466 Fx 984 980 307

	Drawn	Date
	Checked	Date
	APPV'D	Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL

REF Dwg. Rev.

MCCO ISO #
I-RH-1024



TRAVELER NO. LINE NO.
SHEET 11 1RH14B-18"

REVISIONS				
REV	Description	DR	CK	Date
7	[illegible]			
6	Rev to Calc HD-C-158			2-24-83
5	Rev To Calc HD-C-[illegible]			11-15-82
4	Rev To Rev HD-C-[illegible]			9-1-82
3	Rev Per M.C.C. [illegible]			6-24-82
2	Rev Per M.C.C. [illegible]			4-[illegible]-82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

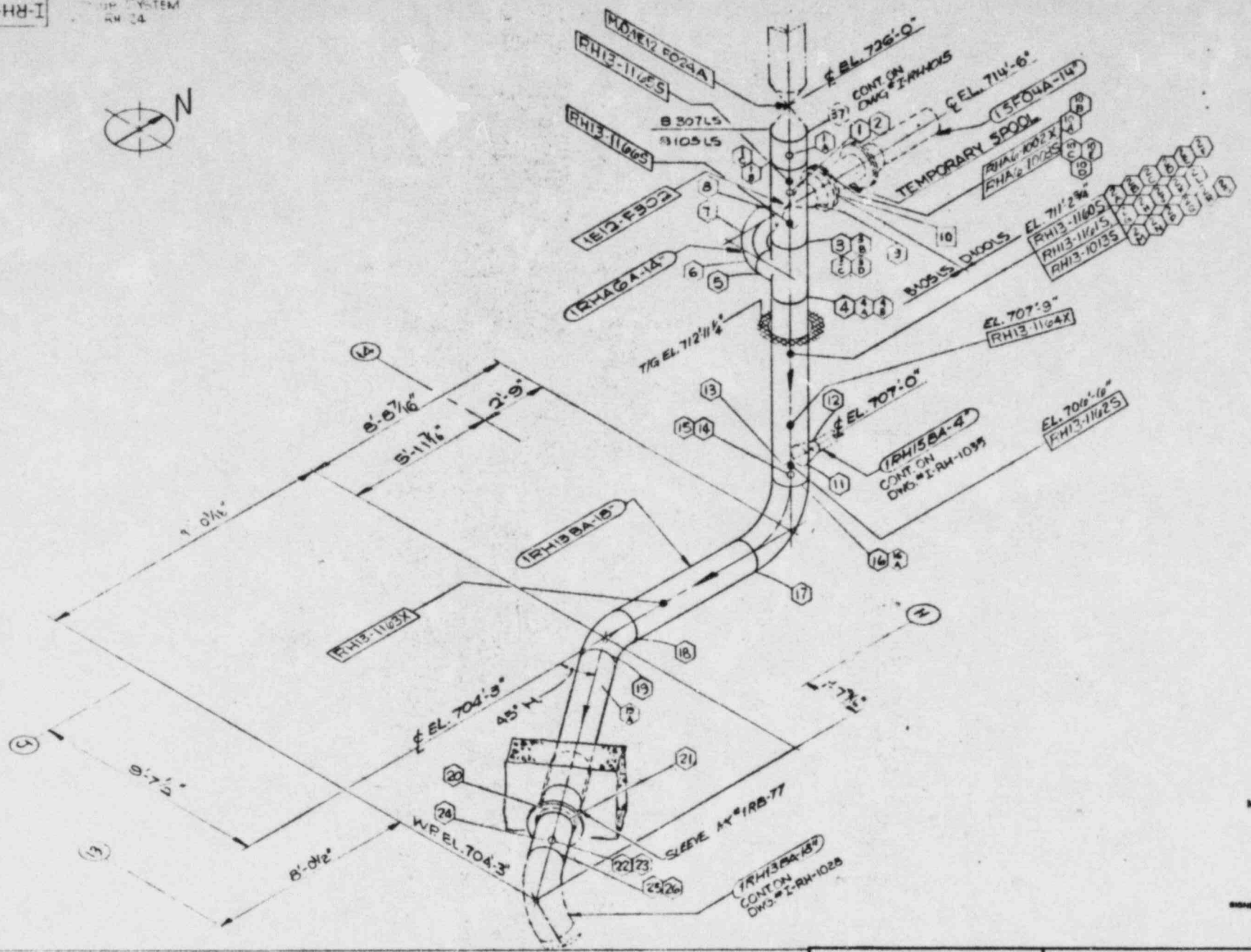
Job No. 3466 Pa 984 980 307 — Drawn [illegible] Date 12-3-77
TOS BASED ON A [illegible] — Checked R. [illegible] Date 2-3-78
WELD 2.5 - 0.5 - 4.3 P — APPVD [illegible] Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
IN-SERVICE INSPECTION
RESIDUAL HEAT REMOVAL

REF Dwg Rev 1: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26

MCC01SO #
I-RH-1025

I-RH-1027



TRAVELER - RH-I-68
LINE NO - 1RHA6A-14"
1RH13BA-18"

REVISIONS				
REV	Description	By	Ck	Date
*	PRELIMINARY			6/3/77
A/I	ISSUED FOR MCCO NO C-134			6/15/77
A	ISSUED FOR MCCO NO C-134			8-3-77
B	FOR TO CLIENT MCCO C-217			11-16-77
C	ADD TO CLIENT MCCO C-217	PBK		4-21-78
D	ISSUED FOR M CAL-577			6-16-78
E	ISSUED FOR M CAL-611			4-26-83

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3486 Fx 984 980 307
ISI BASED ON ASME SECT XI &
MCCO I-ISI-CA-23/L

Drawn R L F Date 2/7/77
Checked PBF Date 5-17-78
APPVD Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL

REF Dwg Rev
M-89 1/A, M-855-4/U

MCCO ISO # I-RH-1027

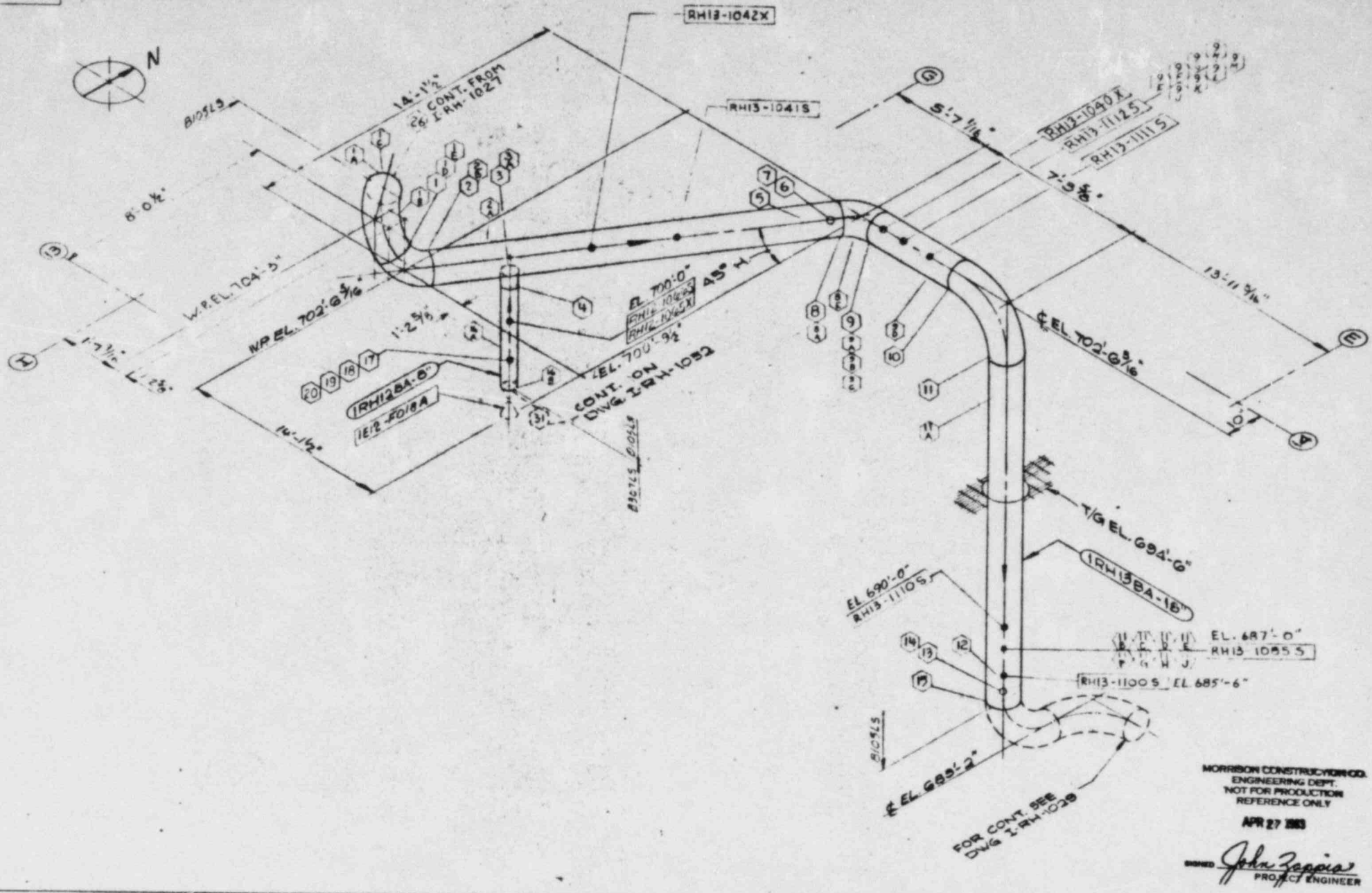
MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 27 1983

SIGNED John Zappia
PROJECT ENGINEER

I-RH-1028

SYSTEM RH 25



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 27 1983

SIGNED John Zappia
PROJECT ENGINEER

TRAVELER N°	LINE N°
RH T-65	1RH12BA-8"
RH T-69	1RH13BA-18"

REVISIONS				
REV	Description	By	Chk	Date
0	PRELIMINARY			2-4-77
1	PRELIMINARY			6-16-77
A	PER TECH REQ #2 C 154			9-30-79
B	PER TECH REQ #2 C 213			11-16-79
C	PER TECH REQ #2 C 259			9-1-80
D	PER FCR M-82-339			5-19-82
E	PER FCR M-82-[illegible]			9-20-82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

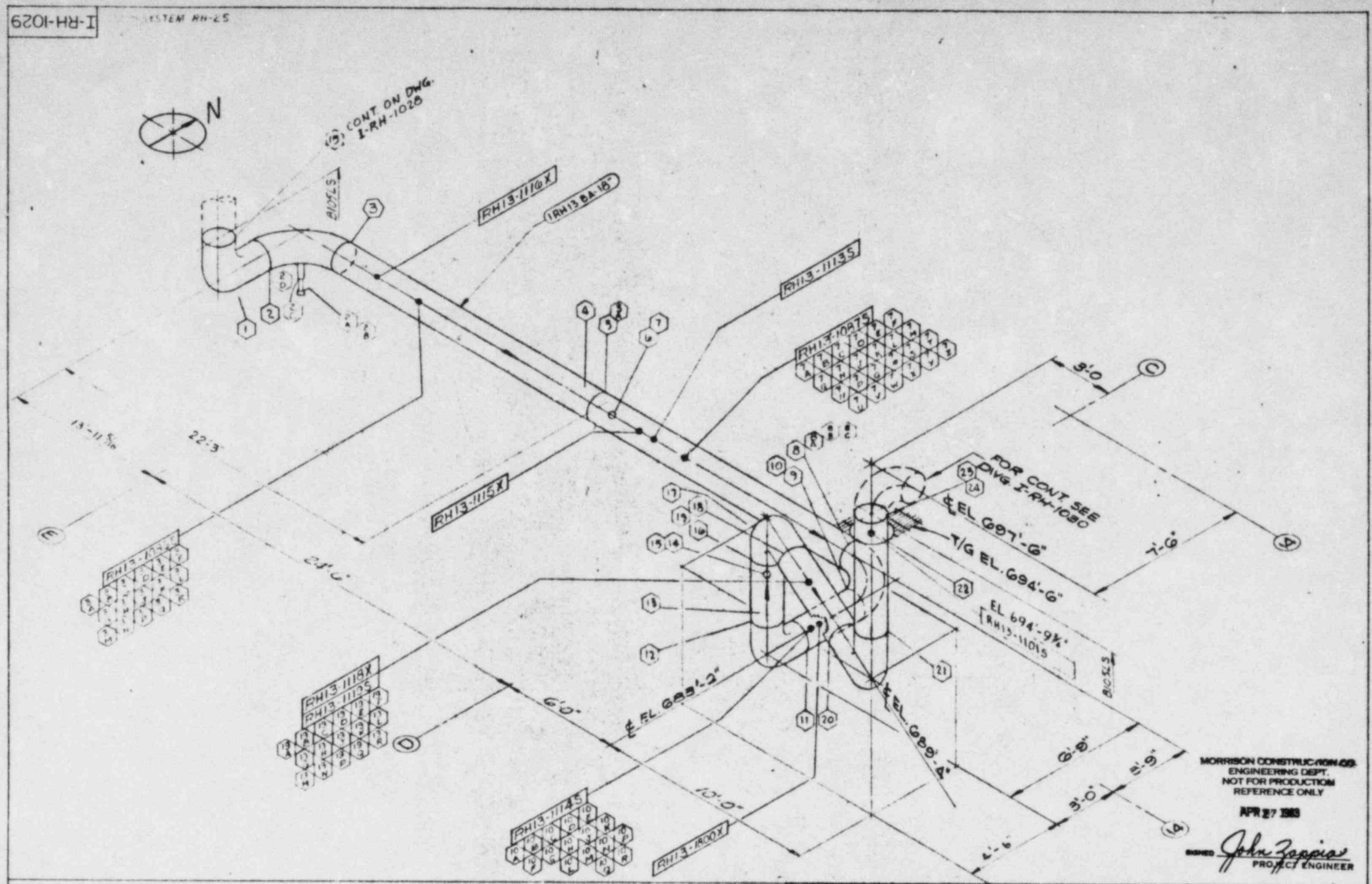
Job No. 2466 Pk 904 900 307
I SI BASED ON ASME SECT XI & MCG 0*[illegible]-QL-25/6
Drawn [illegible] Date 2/2/77
Checked [illegible] Date 2-17-78
APPVD [illegible] Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

REF Dwg Nos. M-86-1W, M-855-4W
MCCO ISO # I-RH-1028

I-RH-1029

SYSTEM RH-25



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
APR 27 1983
SIGNED John Zappia
PROJECT ENGINEER

LINE NO. 1RH13BA-18"
TRAVELLER NO. RH-T-69

REVISIONS			
REV	Description	TSR	Date
J	[illegible]		[illegible]
L	[illegible]		[illegible]
A	[illegible]		[illegible]
B	[illegible]		[illegible]
C	[illegible]		[illegible]
D	[illegible]		[illegible]
E	[illegible]		[illegible]

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Fx 984 990 307
TSI BASED ON ASME SECT XI &
MCCO "3-1-01 3/L

Drawn R. E. Date 12/15/77
Checked R.J.F Date 4-7-78
APPVD [illegible] Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

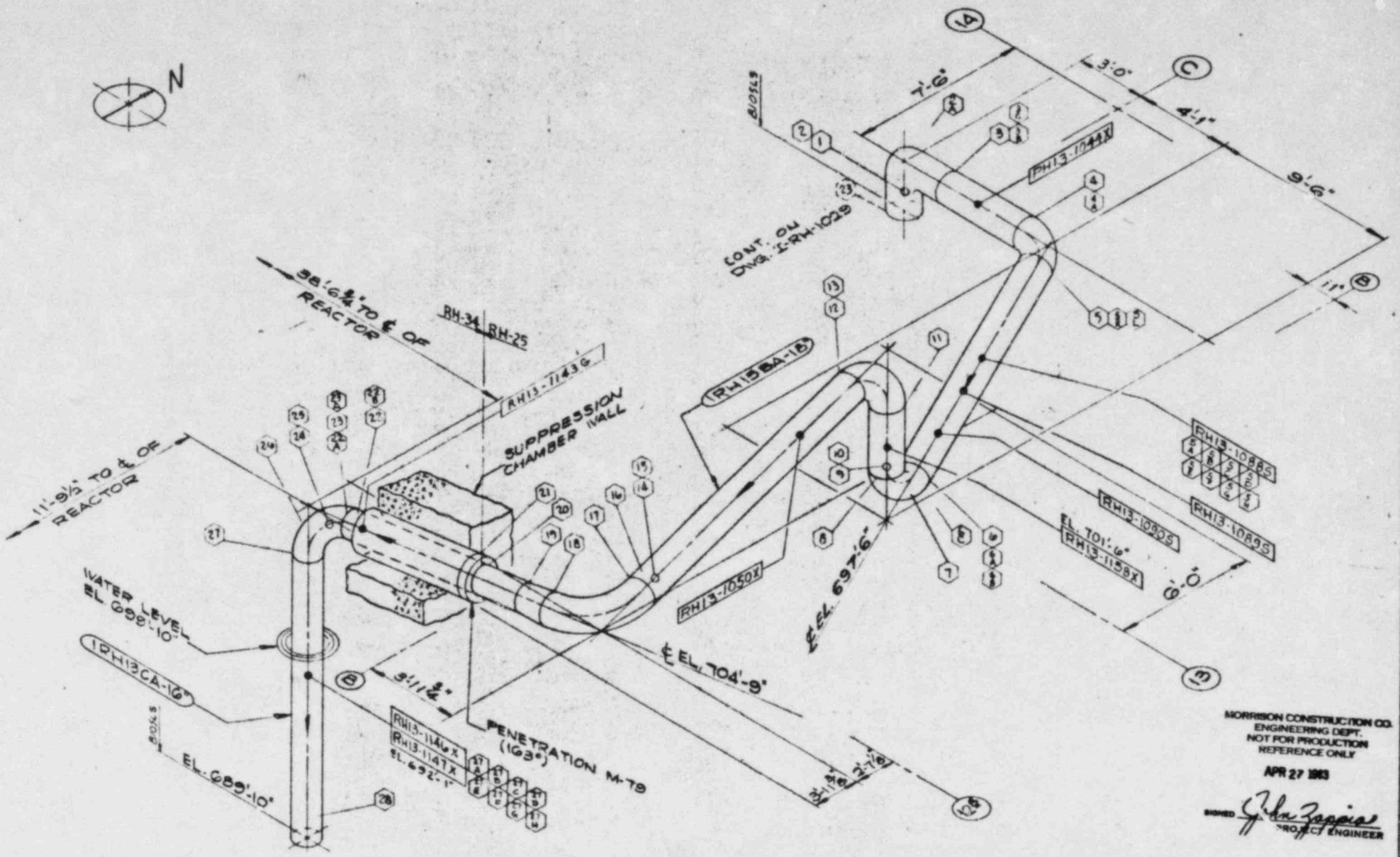
REF Dwg. Rev.
M-Dwg W 882 4/a 01 3-3-4/a

MCCO DWG #
I-RH-1029

MCCO CB OF I 877

I-RH-1030

9. SYS. NO. RH-25 & 34



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
APR 27 1983
SIGNED John Zappia
PROJECT ENGINEER

LINE NO. 1DRH13BA-14" TR" RH T-60
1DRH13CA-18" RH T-332

REVISIONS			
REV	Description	BY	Date
C	PRELIMINARY		
1	PRELIMINARY		
A	Rel To CSSD MDC 2134		
B	Rel To CSSD MDC 2134		
C	Rel To CSSD MDC 2134		
D	Rel'd For Micro SSD		
E	Issued For Ref. Dwg.		

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Px 984 980 307 — Drawn — Date 12/14/77
I.S.I. BASED ON ASME SECT XI 6 — Checked — Date
MCCO "ISI-OL-33/L" — APPVD — Date

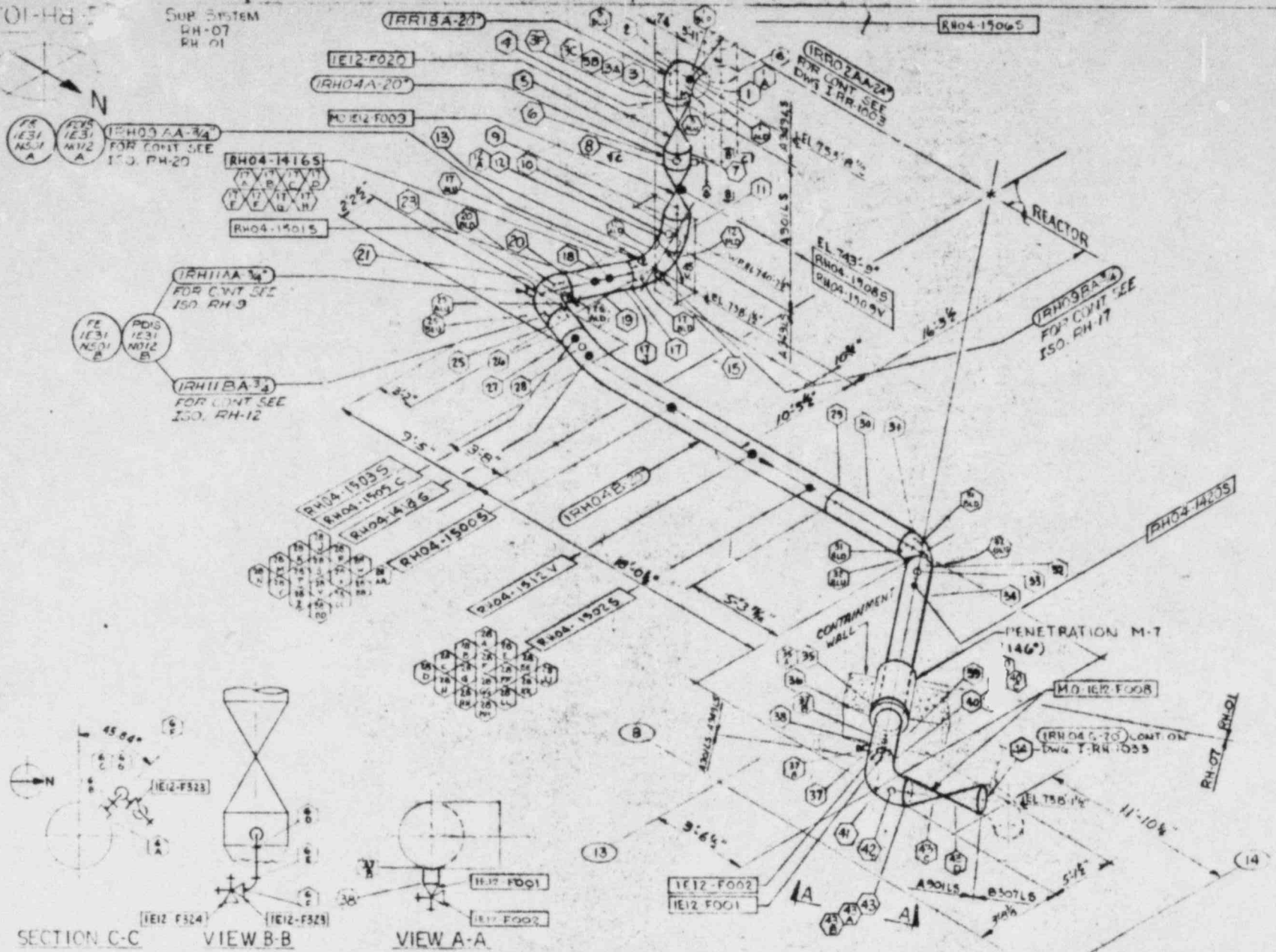
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

REF Dwg. Rev. M-99-W, M-855-4/W

MCCO ISO # I-RH-1030

I-RH-1031

SUB SYSTEM
RH-07
RH-01



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 27 1983

SIGNED John Zappior
PROJECT ENGINEER

TRAVELER - RH-T-59
LINE NO - 1RH04B-20"

REVISIONS			
REV	Description	Init	Date
C	[illegible]		5 JA 38
1	[illegible]		6-2-[illegible]
A	[illegible]		3-30-[illegible]
B	[illegible]		11-14-[illegible]
[illegible]	[illegible]		[illegible]
[illegible]	[illegible]		[illegible]
D	[illegible]		[illegible]
E	[illegible]		[illegible]

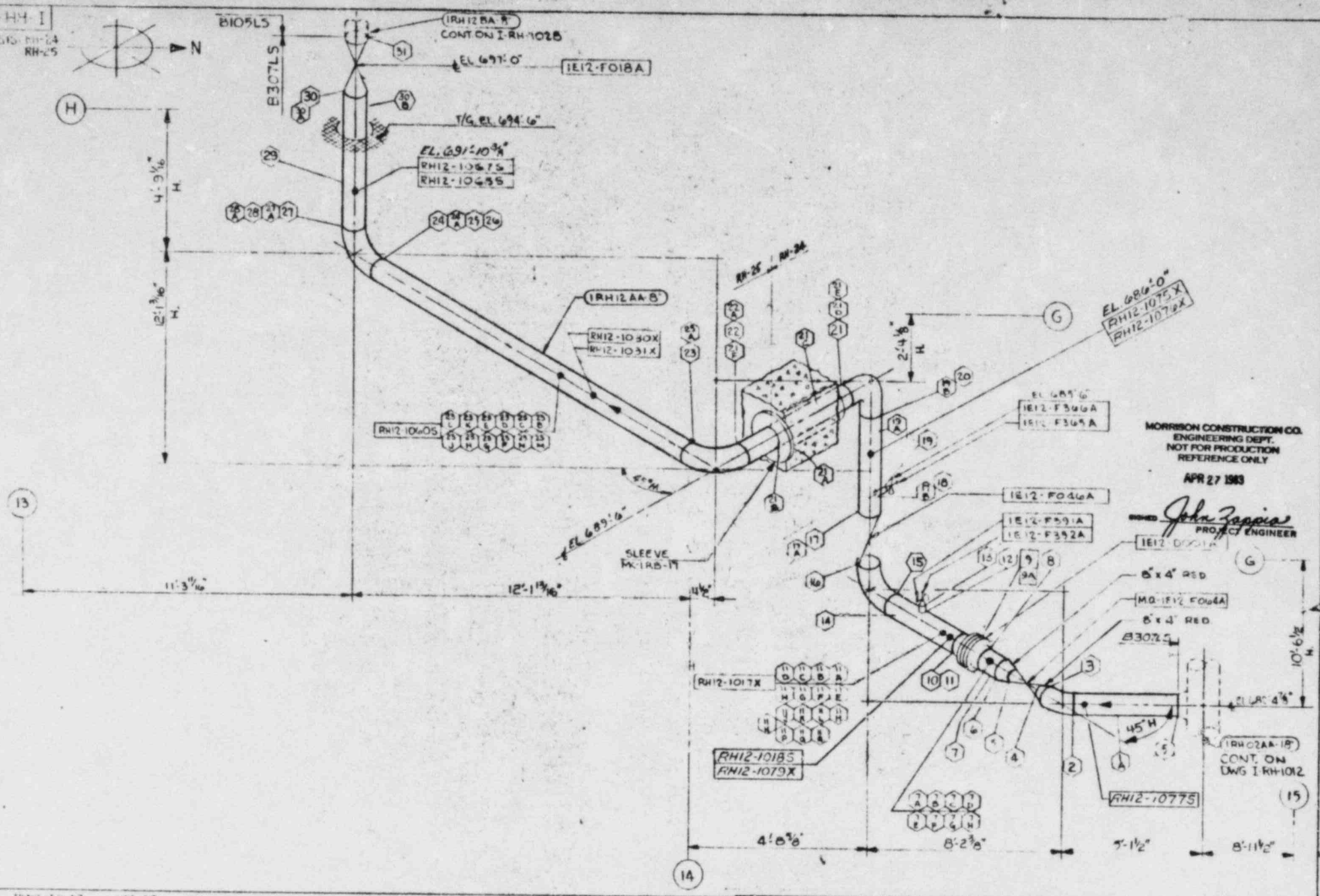
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No 3466 Ex 984 980 397 — Drawn [illegible] Date [illegible]
[illegible] — Checked [illegible] Date [illegible]
MCCO Dwg. [illegible] — APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1
NUCLEAR POWER STATION
RESIDUAL HEAT REMOVAL

REF Dwg Rev [illegible] — MCCO ISO #
[illegible]

I-RH-1031



TRAVELER N? RH-T 64 LINE N? 1RH12AA 8"

REVISIONS			
REV	Description	BY	Date
0	PRELIM		4-14-77 TP
A	Rev. To Cl. 60-HD 6150		8-30-77
B	Rev. To Cl. 60 HD CL 2 P		11-16-77
C	Rev. Per Gas Processing		
	Rev. To Cl. HD 6150 2 P		
D	Rev. Per MCCO-553		3-11-82
E			4-26-83

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No 3460 Pr 904 980 307
PAL / N A V
MCCO-ISI-CL-2 P I

Drawn RM Date 3-30-77
Checked BJP Date 4-7-76
APPVD Date

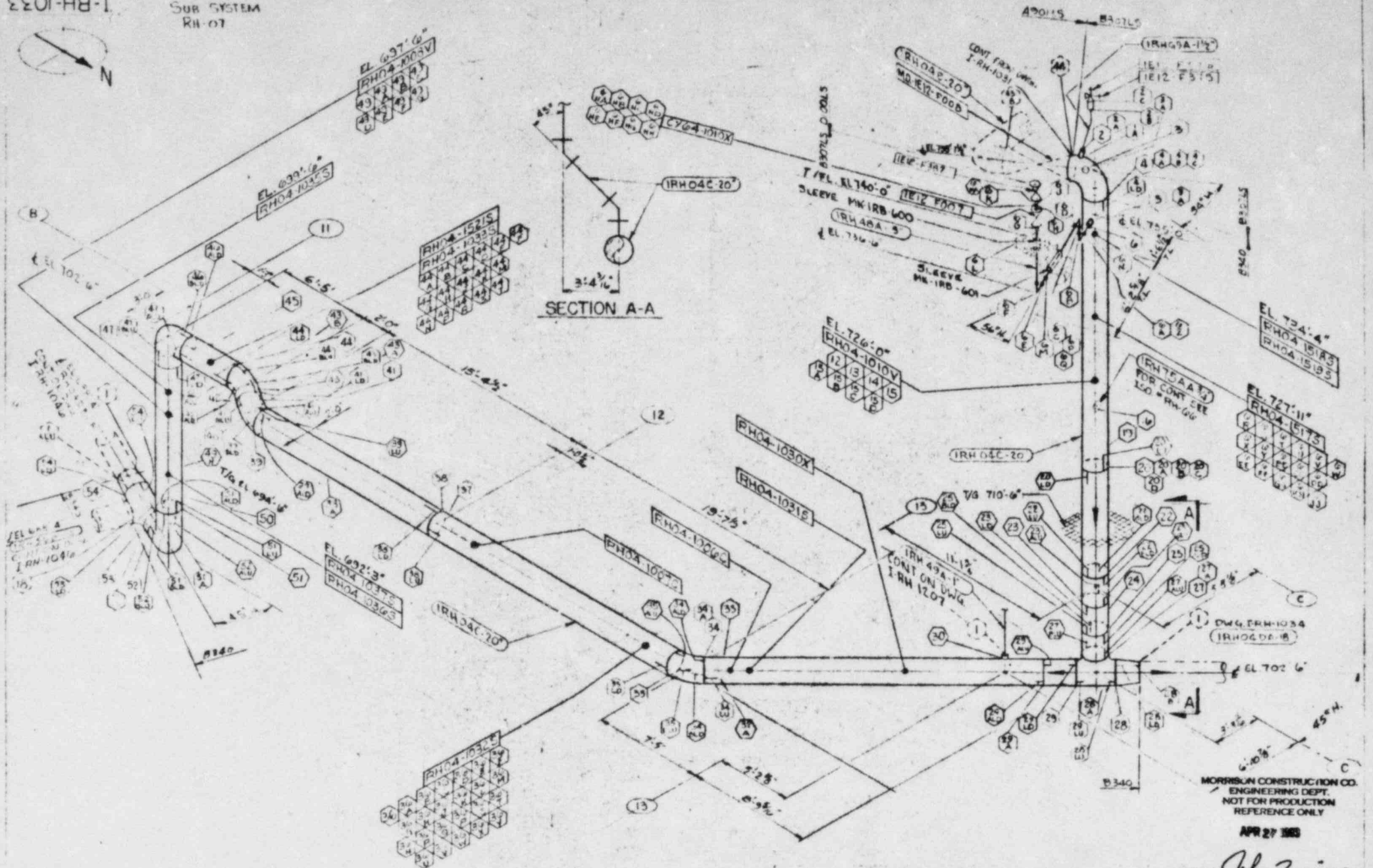
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

REF Dwg Req'd 1-RH-1012 B&S 1/2 M-1013 & V

MCCO ISO # 1-RH 1032

I-RH-1033

SUB SYSTEM
RH-07



TRAVELER - RH-T-60
LINE NO 1RH04C-20"
1RH48A-3"

REVISIONS				MORRISON CONSTRUCTION CO. HAMMOND, INDIANA	
REV	Description	BY	Date		
O	[illegible]	[illegible]	2-3-78		
A	Rev. To Class 1 per C.M.	WF	5-30-79		
B	Rev. To Class 1 per C.O.	WF	11-14-79		
C	Rev. Per C.O. Requirements	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]		
D	[illegible]	[illegible]	3-24-82		
E	[illegible]	[illegible]	4-26-83		
				Job No. 3464 Fe 084 060 307	Drawn [illegible] Date [illegible]
				ISI BASED ON ASME SECT XI & MCCO-I-I-04-45/N	Checked R.L.E Date 4-26-83
					APPVD [illegible] Date [illegible]
				COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2	
				INSERVICE INSPECTION	
				REGIONAL HEAT REMOVAL	
				REF Dwg Rev MCCO ISI DEAL 2 ASME XI	MCCO ISO # I-RH-1033

MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
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REFERENCE ONLY
APR 21 1983
Project Engineer
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA
COMMONWEALTH EDISON CO LA SALLE COUNTY STATION UNITS 1 & 2
REVISIONS
REACTOR
RHOA-1003
RHOA-1004
RHOA-1005
RHOA-1006
RHOA-1007
RHOA-1008
RHOA-1009
RHOA-1010
RHOA-1011
RHOA-1012
RHOA-1013
RHOA-1014
RHOA-1015
RHOA-1016
RHOA-1017
RHOA-1018
RHOA-1019
RHOA-1020
RHOA-1021
RHOA-1022
RHOA-1023
RHOA-1024
RHOA-1025
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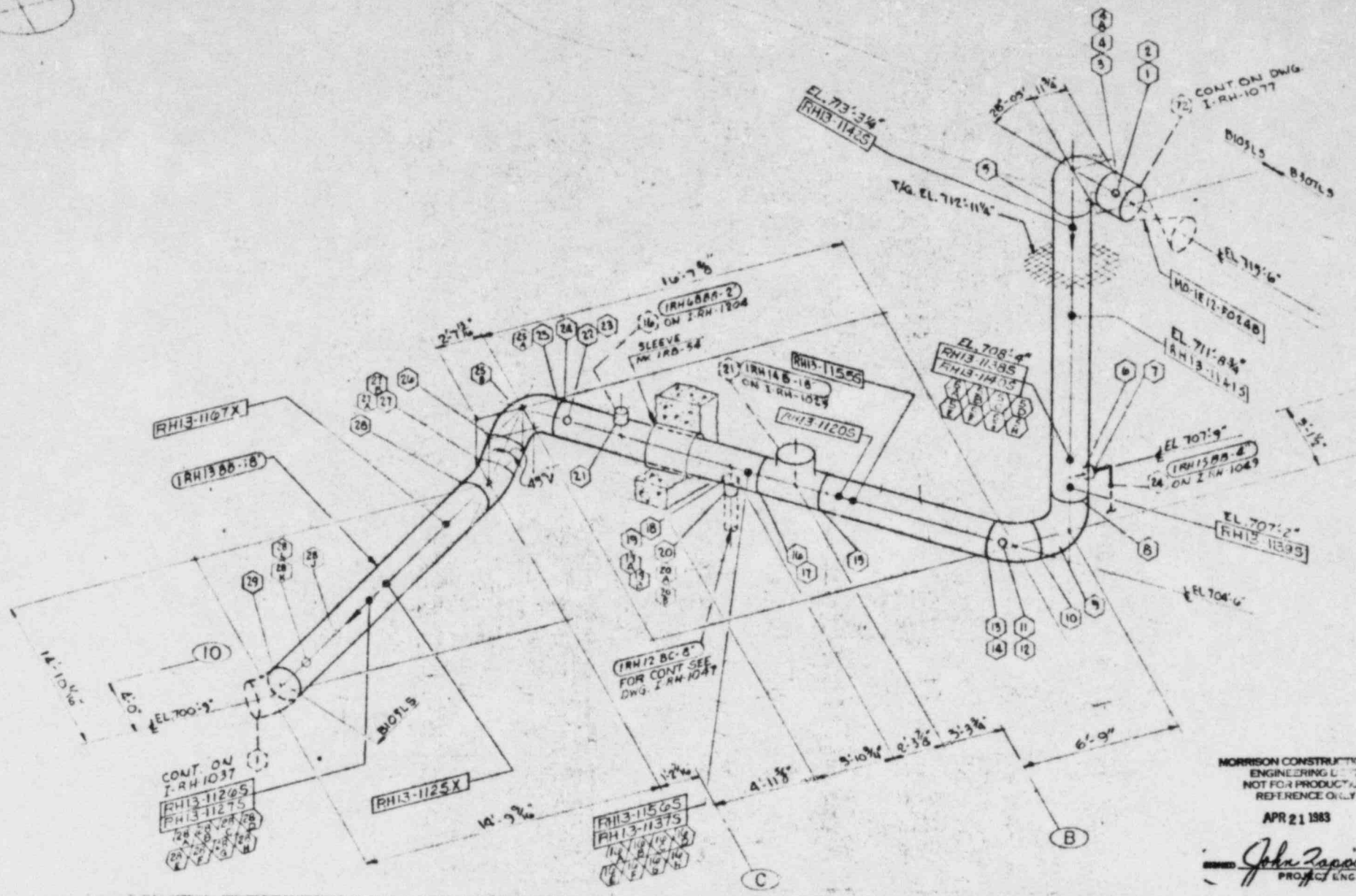
RHOA-1030
RHOA-1031
RHOA-1032
RHOA-1033
RHOA-1034
RHOA-1035
RHOA-1036
RHOA-1037
RHOA-1038
RHOA-1039
RHOA-1040
RHOA-1041
RHOA-1042

I-RH-1036

SUB. SYSTEM RH-08



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 21 1983

SIGNED John Zapoica
PROJECT ENGINEER

LINE NO. 1RH13BB-18" TR"RH-70

REVISIONS			
REV	Description		Date
C	PRELIM.		6-14-78
A	Rev. To Clear HG C158	RF	1-30-79
B	Rev. To Clear HG C 29		11-16-79
C	Rev. To Clear HG C 259	RF	3-27-80
D	PER FOR MATERIAL		5-27-82
E	PER W.O. 1-83-1-001		1-21-83

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2466 Fx 984 980 307
ISI BASED ON ASME SECT XI & MCCO-ISI-OL-24/P
Drawn B.J.F. Date 5-5-78
Checked R.L.F. Date 5-9-78
Approved [illegible] Date [illegible]

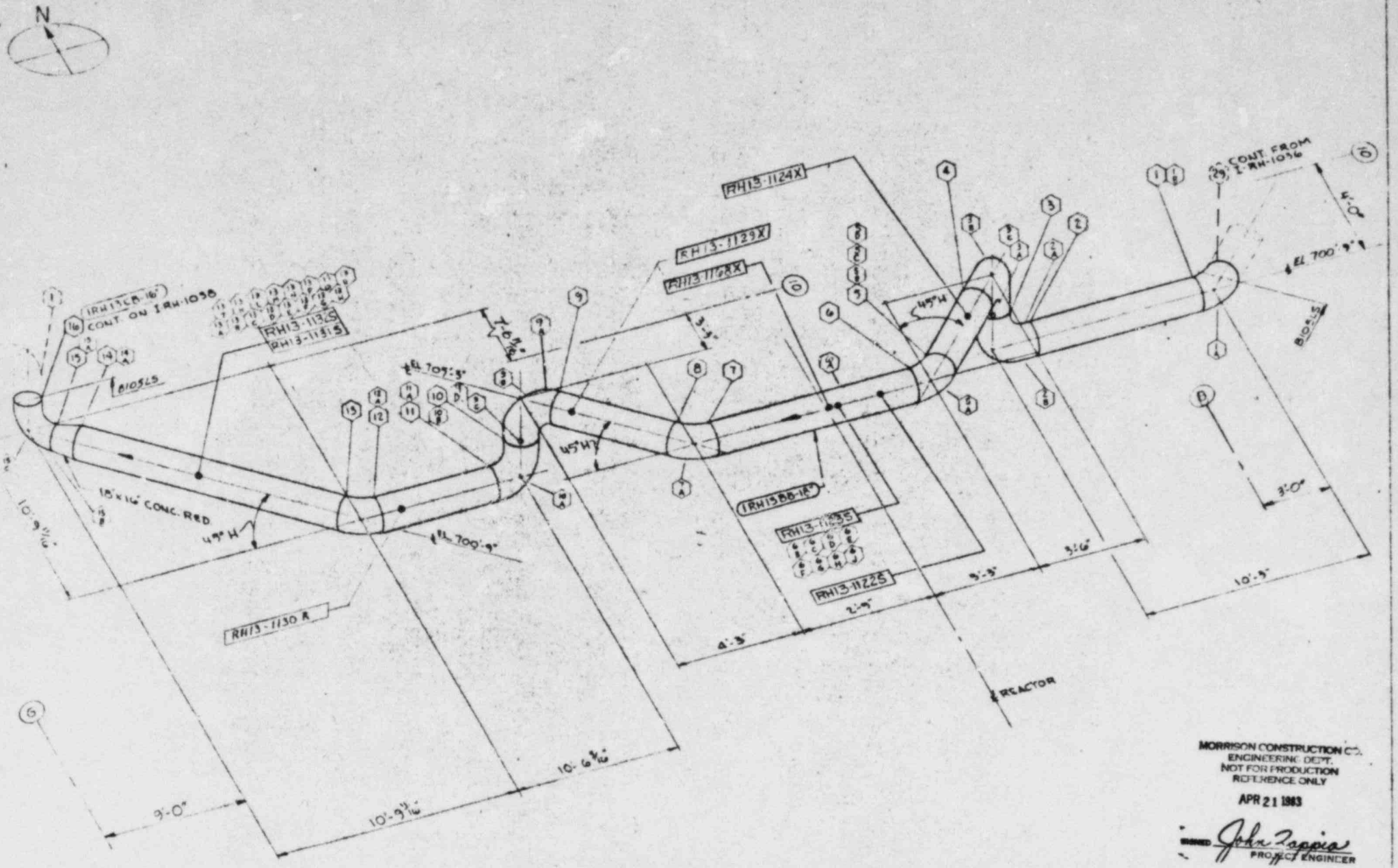
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL

REF Dwg Rev M-96 2/5
M-97-3/2, M-833 3/1

MCCO ISO # I-RH-1036

I-RH-1037

SYS. SYC. RH-08



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 21 1983

SIGNED John Zappia
PROJECT ENGINEER

LINE NO. (RH13BB-18"-TR.-RHT.-70

REVISIONS				
REV	Description			Date
A	Per Mtg.			4-26-78
B	Mat. Tr. Rpt. HDC 185			5-30-78
C	Mat. Tr. Rpt. HDC 218			6-16-78
D	Per E&R Mtg. 5/17/78			5-17-78
E	Add 12" Sch. 40 Pipe			9-20-78

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2466 Fx 984 980 307	Drawn MS JP	Date 9-6-78
TSI BASED ON ASME SECT XI	Checked RJE	Date 9-7-78
& MCCO "IST" CL. 1 & 2	APPVD [illegible]	Date

COMMONWEALTH EDISON CO LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL

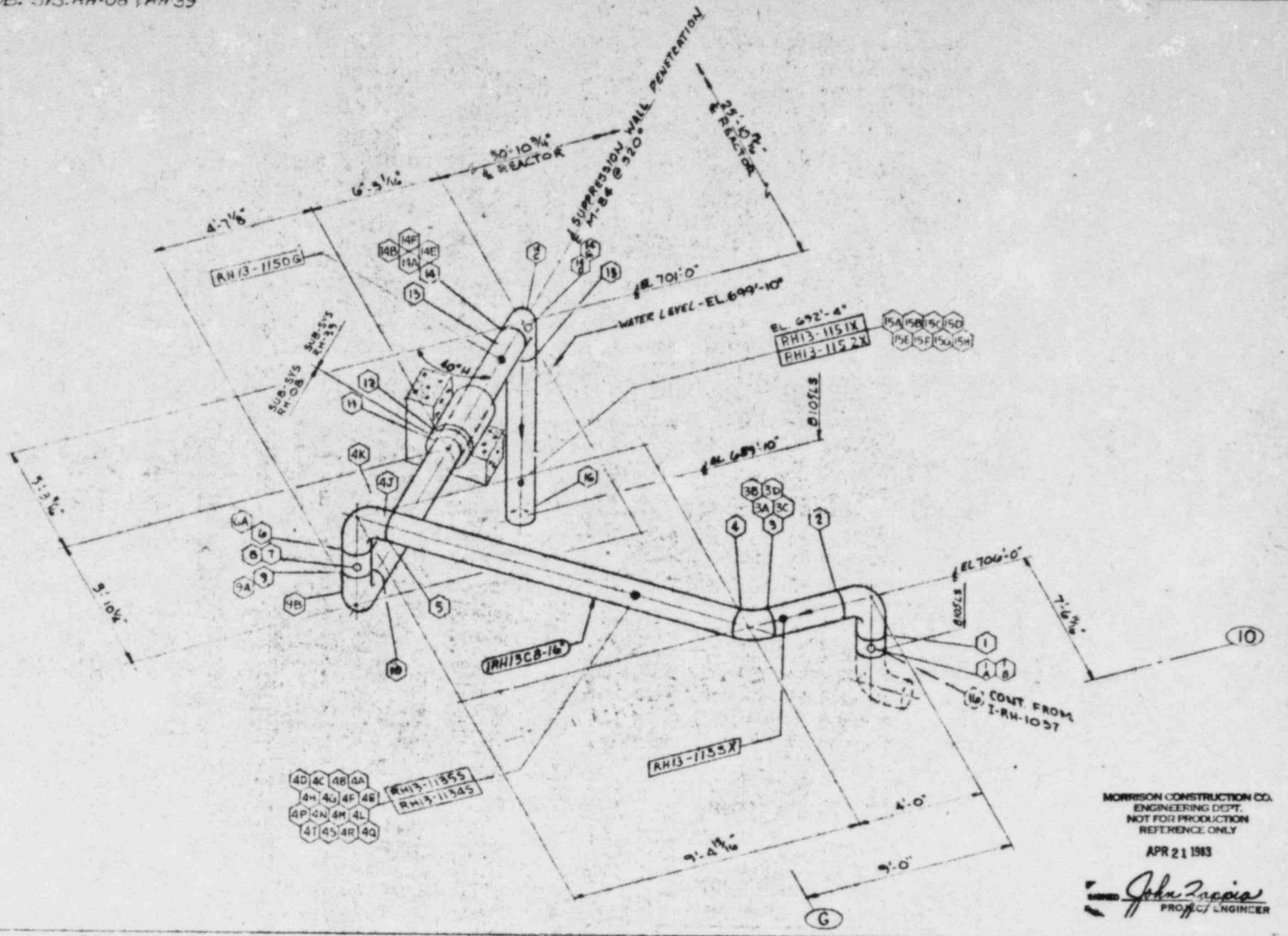
REF Dwg Rev. M-1-2-S-51-5121-A
SF-B37-N/O 11-B37-N/F

MCCO ISO # I-RH-1037

SHT 1 MCCO ISO # I-RH-1037

I-RH-1038

SUB. SYS. RH-08 (RH 39



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 21 1983

SIGNED John Zappia
PROJECT ENGINEER

LINE NO. RH13C8-16" FROM RH-1366

REVISIONS			
REV	Description		Date
'0'	PRELIM		
A			
B			
C			
D			
E			

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Fx 004 990 307

ISI BASED ON ASME SECT XI & MCCO ISI-OL-24/P

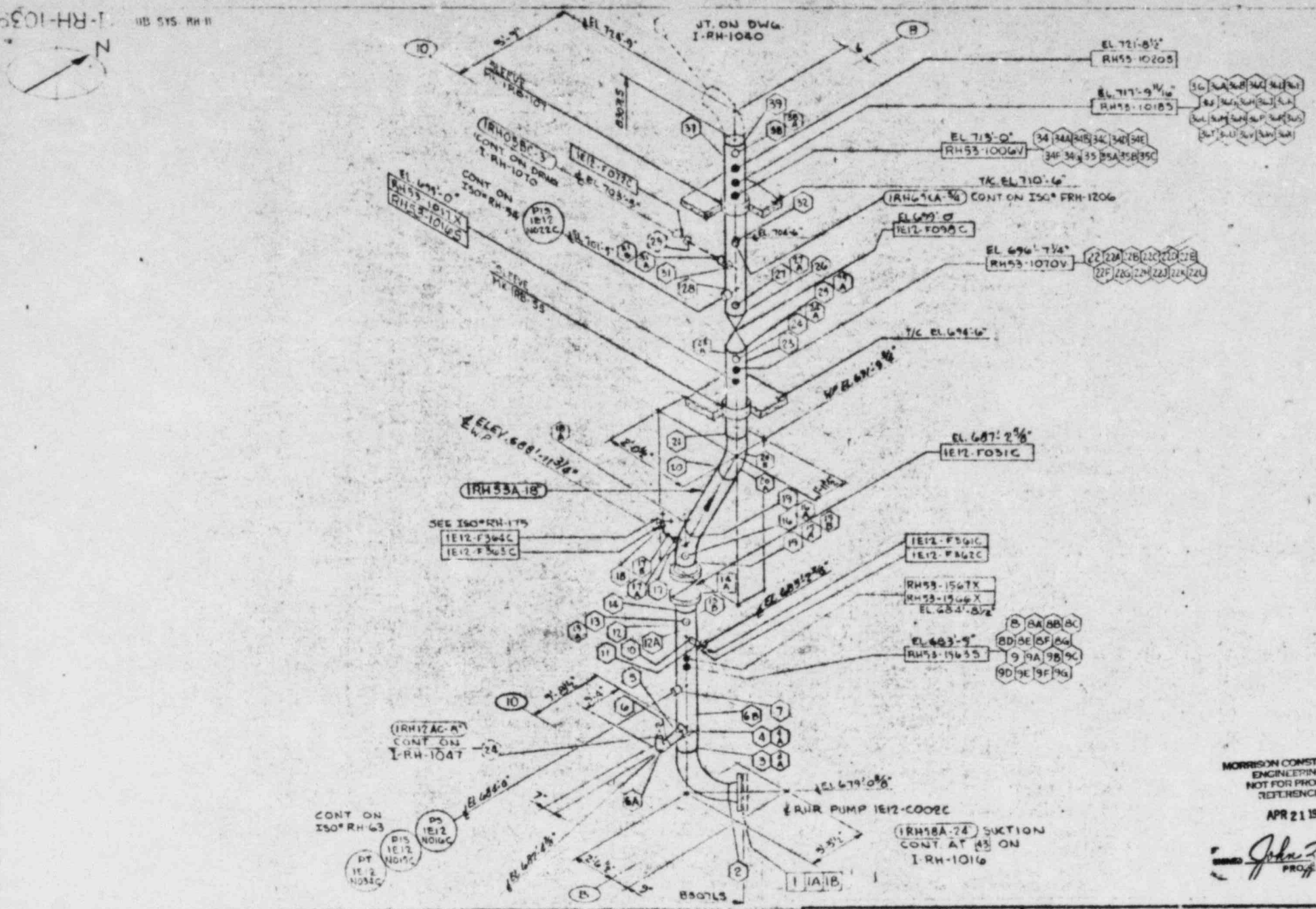
Drawn [illegible] Date 3-4-83
Checked [illegible] Date 5-9-83
APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL

REF Dwg Rev M-84-2/5, SF 833-14/Q
M-833-14/F

MCCO 1503

I-RH-1038



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 21 1983

Signed John Zappia
PROJECT ENGINEER

TRAVELLER Nº RH T 1104 LINE Nº 1RH53A 18"

REVISIONS			
REV	Description	ECN	Date
	[illegible]		[illegible]
A	[illegible]		[illegible]
B	[illegible]		[illegible]
C	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
D	[illegible]		[illegible]
E	[illegible]		[illegible]

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2466 Fx 984 930 307 — Drawn [illegible] Date 12-27-77
TEST RATED ON A [illegible] — Checked K.P. Date 6-6-78
[illegible] — APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL

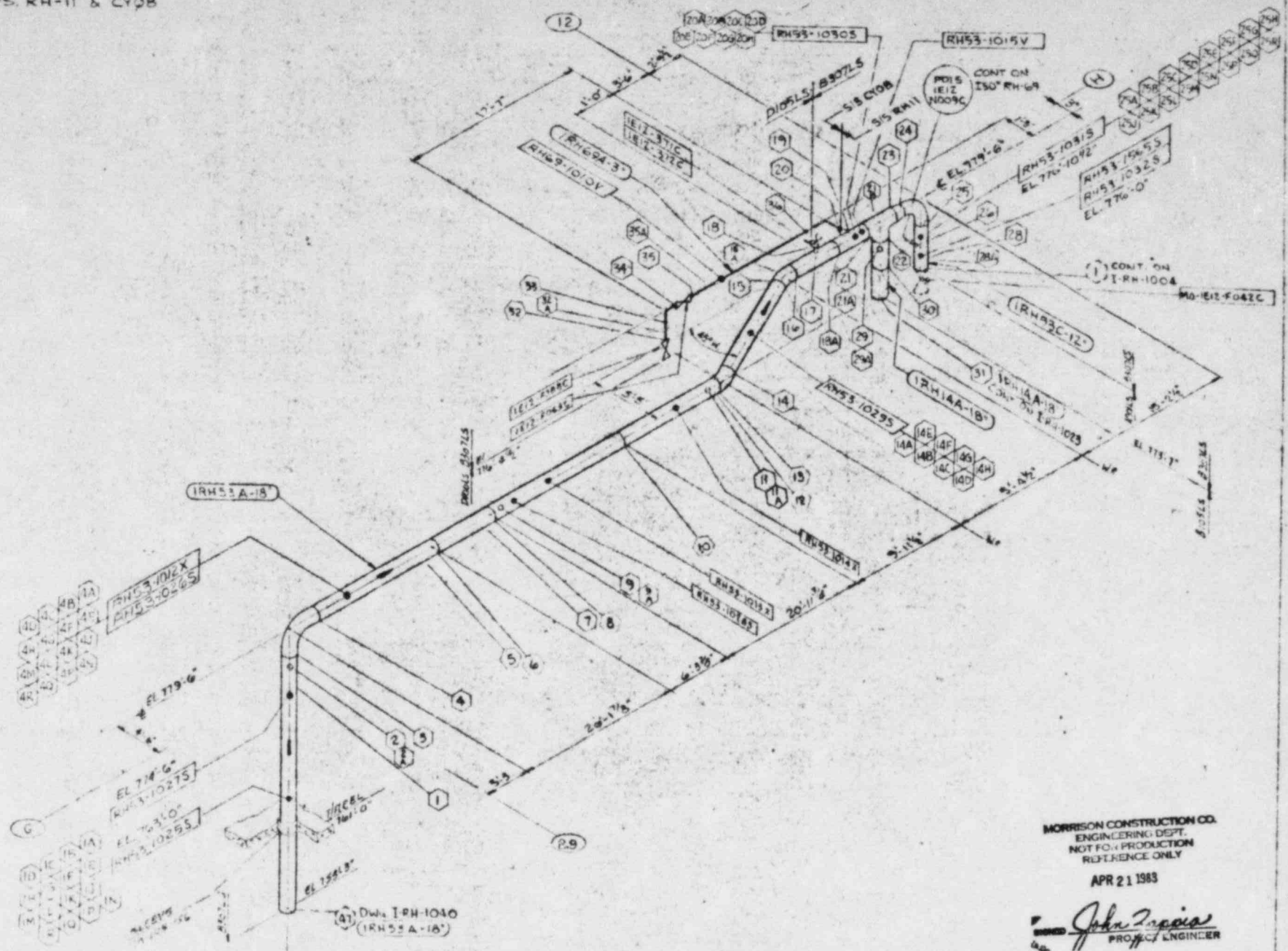
REF Dwg Rev M-2W-3T — MCC ISO # I-RH-1039

SHT 1 MCC ISO 1 of 1 8/79

I-RH-1040

EL. 733'-8"
EL. 743'-0
EL. 740'-0"
EL. 727'-0"
EL. 724'-3"
EL. 727'-0"
41.2"H
9'-6½"
34'-1"
19'-11"
21'-3"
8'-0"
5'-5"
11'-9"
18'-0"
45H
RH53-1024S
RH53-1024S
RH53-1024S
RH53-1027S
RH53-1007X
RH53-1063S
RH53-1064X
RH53-1027S
RH53-1008R
RH53-1021S
RH53-1063S
RH53-1007X
RH53A-18"
RH53A-18"
RH53A-18"

SUB SYS. RH-11 & CY08



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 21 1983

SIGNED John Tropea
PROJECT ENGINEER

1RH53A-18" T104
1RH14A-18" T470
1RH53C-12"

REVISIONS			
REV	Description	By	Date
	[illegible]		
A	[illegible]		
B	[illegible]		
C	[illegible]		
D	[illegible]		
E	[illegible]		

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

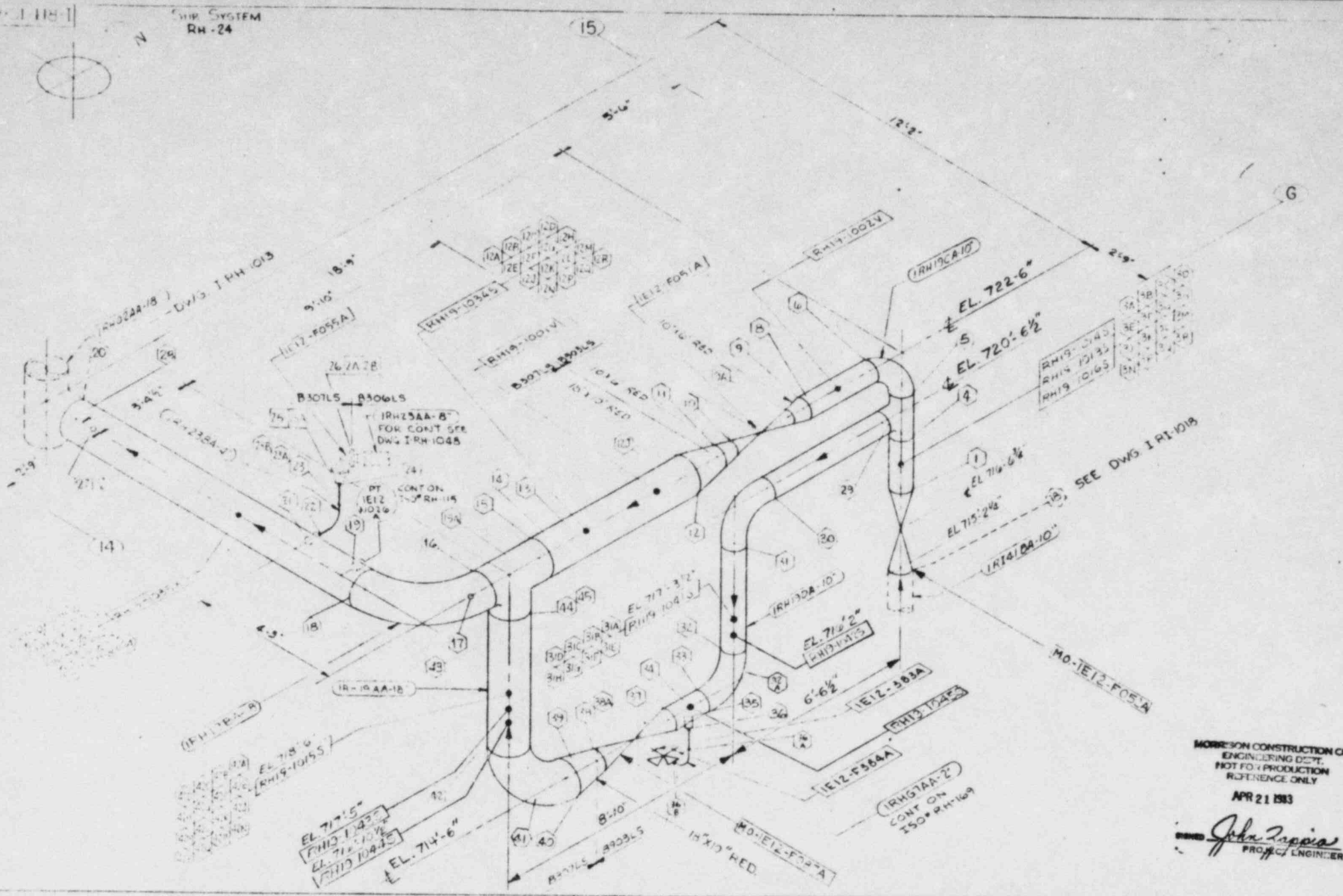
Job No. 2666 Fx 984 980 307
TSI PASS [illegible]
MCCO-ISE-D-[illegible]N

Drawn		Date
Checked		Date
APPVD		Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
IN-SERVICE INSPECTION
RESIDUAL HEAT REMOVAL

REF Dwg Rev [illegible]

MCCO ISO # I-RH-1041



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
APR 21 1983
SIGNED John Inspia
PROJECT ENGINEER

LINE NO 1RH19BA-12" TE" SH-T-77
1RH19DA-10" TE" RH-T-90
1RH19CA-10" TE" RH-T-78
1RH23BA-4"
1RH19AA-18"

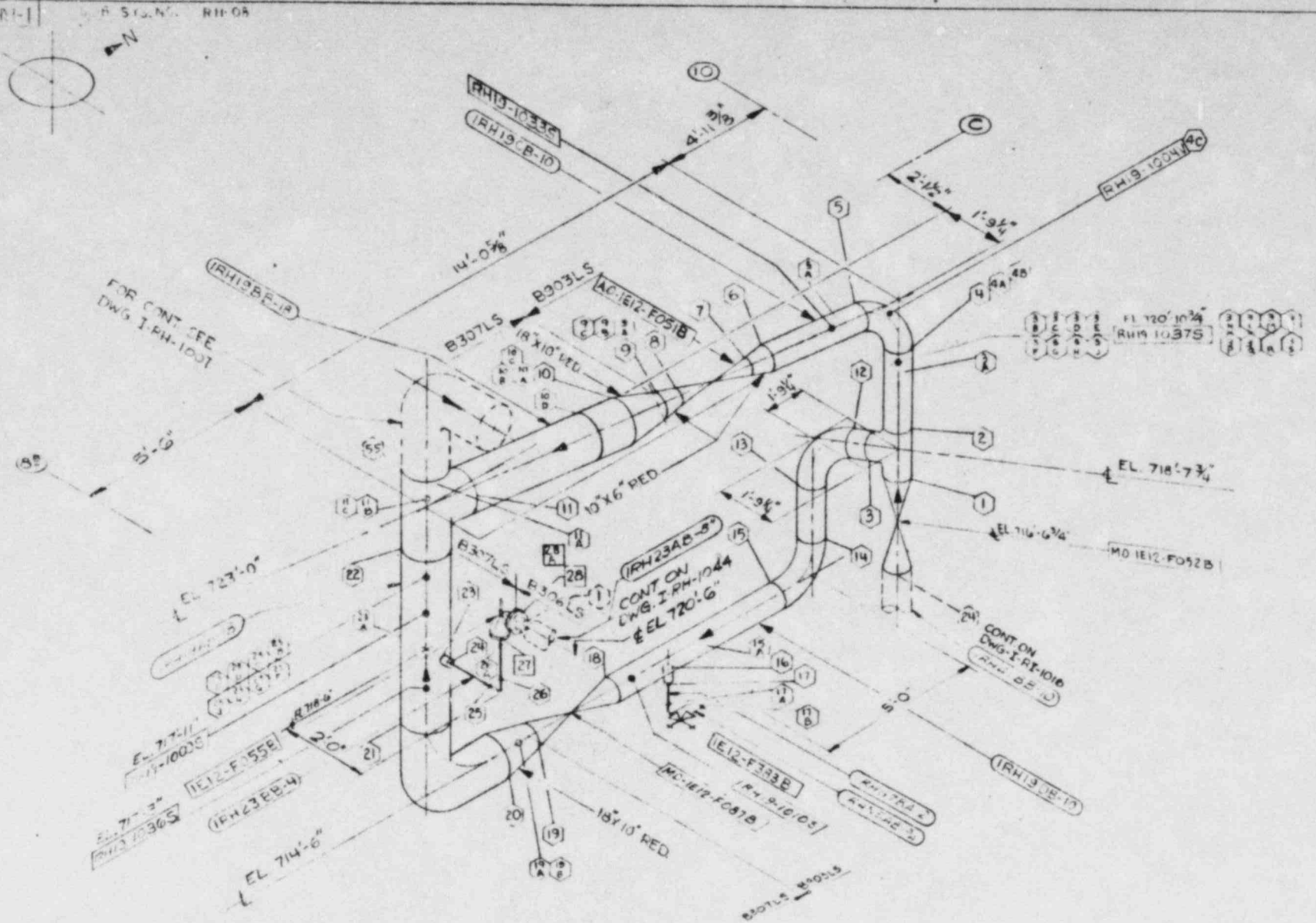
REVISIONS				
REV	Description	CR		Date
0	[illegible]			[illegible]
1	[illegible]			[illegible]
2	[illegible]			[illegible]
3	[illegible]			[illegible]
4	[illegible]			[illegible]
5	[illegible]			[illegible]

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Fx 984 910 307		Drawn PM	Date 12-21-77
ISOMETRIC ANAL SECTION PIPING		Checked [illegible]	Date 2-10-78
ISI CL-2&3		APPVD [illegible]	Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

REF Dwg. Rev.	MCCO ISO #
M-1[illegible]-W-81-852-1/3 M-239-1 A1	I-RH-1042



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 21 1983

SIGNED John Trapia
PROJECT ENGINEER

REVISIONS				
REV	Description	BY	CK	Date
	[illegible]			
A	[illegible]			
B	[illegible]			
C	[illegible]			
D	[illegible]			
E	[illegible]			

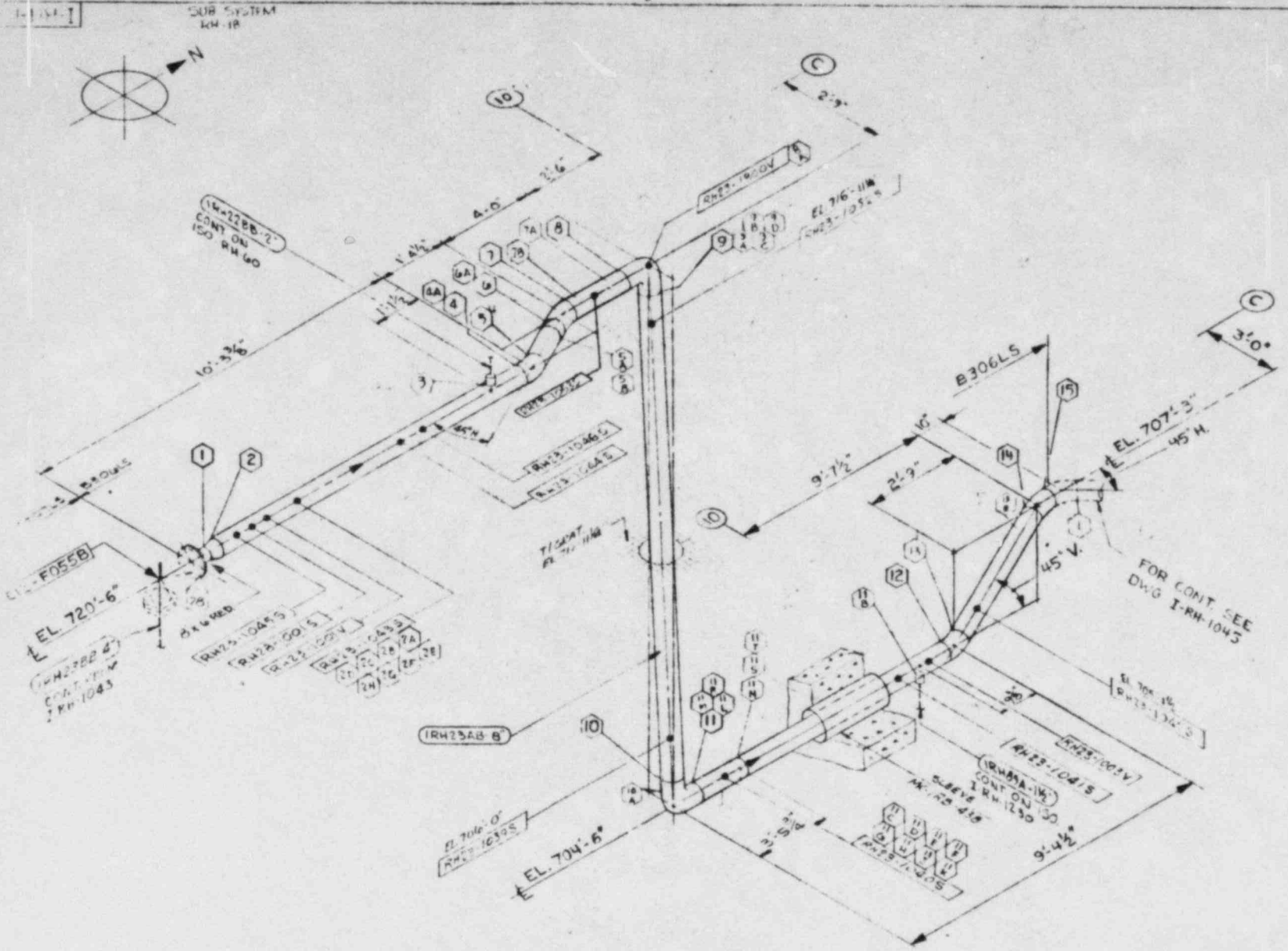
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3666 Fx 984 980 307
Drawn PM Date 12-[illegible]
Checked [illegible] Date [illegible]
APPVD Date

MCCO*ISI-DL-[illegible]/M

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

REF Dwg No. M-[illegible]
MCCO ISO # I-PH-[illegible]



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 21 1983

SIGNED John Zopias
PROJ. ENGINEER

LINE NO. - IRH23AB-8"
TRAVELER - RH T-83

REVISIONS				
REV	Description	By	Ck	Date
	DPE IN			4-4-75
A	PER MCC HR-C-157			1-30-77
B	PER TA CLOG HR-C-219			11-16-77
C	PER FIELD CHANGE			
	PER MCC HR-C-239			8-1-78
D	PER DPE M-1			5-10-82
E	PER DPE M-1			3-21-83

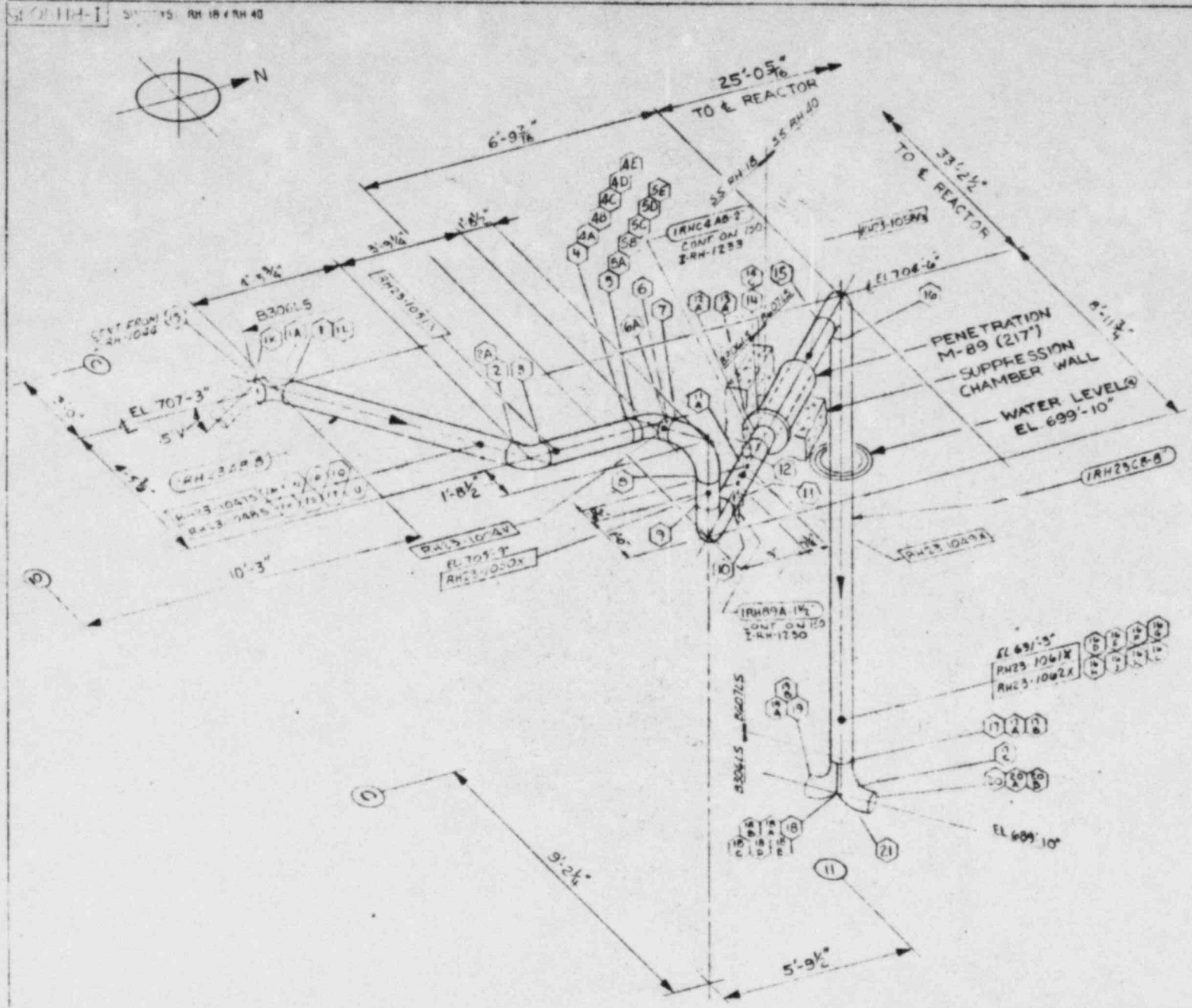
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Pa 984 980 307	Drawn F.M.	Date 12-27-77
ISOMETRIC ASM. SECTION 6	Checked E.L.E.	Date 8-22-78
MCCO 151-01-26/M	APPVD	Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

REF. Dwg. Rev. M-96 Sh 1B Rev 2 & M Eng 2.1a

MCCO 150 # I-RH-1C44



MORRISON CONSTRUCTION CO.
ENGINEERING COPY.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 21 1983

SIGNED John Zappia
PROJECT ENGINEER

REVISIONS				
REV	Description	BY	CO	Date
0	PRELIM			
A				
B				
C				
D				
E				
F				

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Pr 984 980 307

Drawn P.V. Date 11-29-

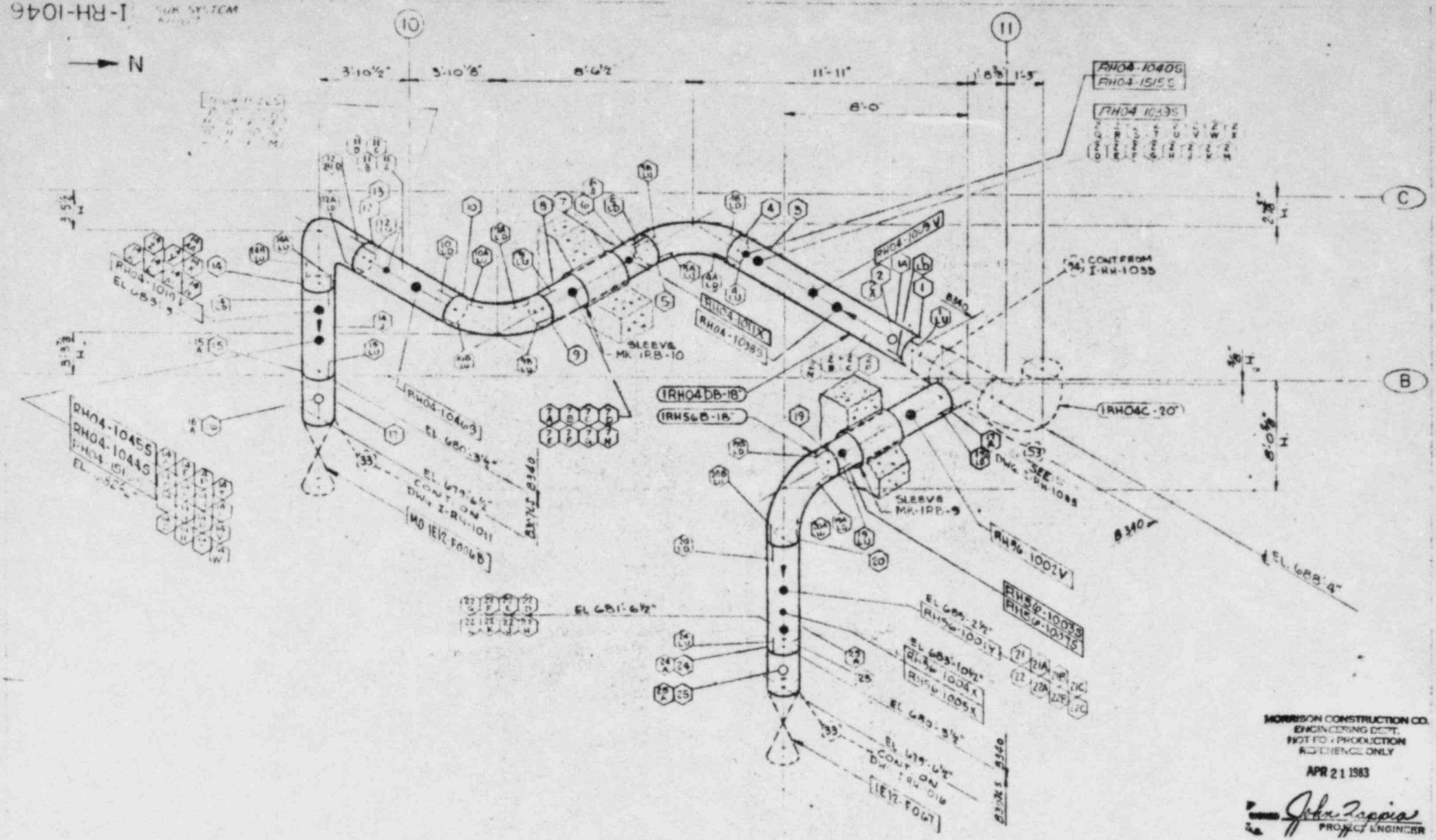
Checked S.F. Date 4-8-75

APPVD Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

MUCO ISO # 1-RH-1045

I-RH-1046



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
APR 21 1983

John Zappia
PROJECT ENGINEER

REVISIONS				
REV	Description	By	Chk	Date
A	[illegible]			
B	[illegible]			
C	[illegible]			
D	[illegible]			
E	[illegible]			
F	[illegible]			

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3444 Fx 984 980 307
TITLE PIPING ISOMETRIC SECT XI
& MCCO* 151-0L-29/N

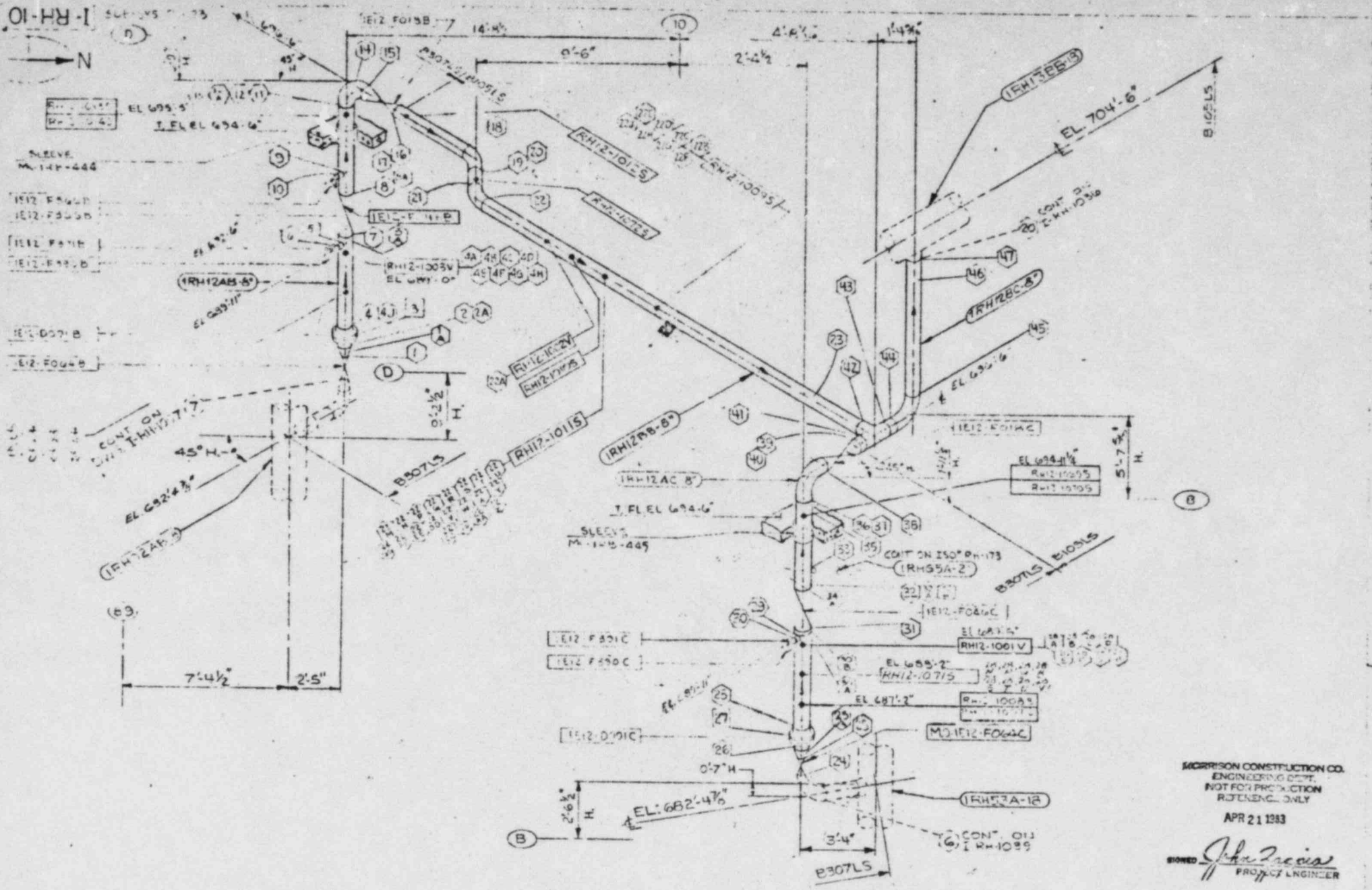
Drawn [illegible] Date [illegible]
Checked W. F. Date [illegible]
APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL

REF Dwg Rev M-[illegible]
M-[illegible]

MCCO ISO # I-RH-1046

SHT 1 MCCO 151 DR 1 #77



1RH 12 AB - 8"	T-67
1RH 12 AC - 8"	T-414
1RH 12 BB - 8"	T-66
1RH 12 BC - 8"	T-425
1RH 55A - 12"	T-104

REVISIONS			
REV	Description	BY	Date
0	[illegible]		
A	[illegible]		
B	[illegible]		
C	[illegible]		
D	[illegible]		

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

JOB NO. 3466 Fx 684 980 307

ISI BAS... QUADRANT SECTION

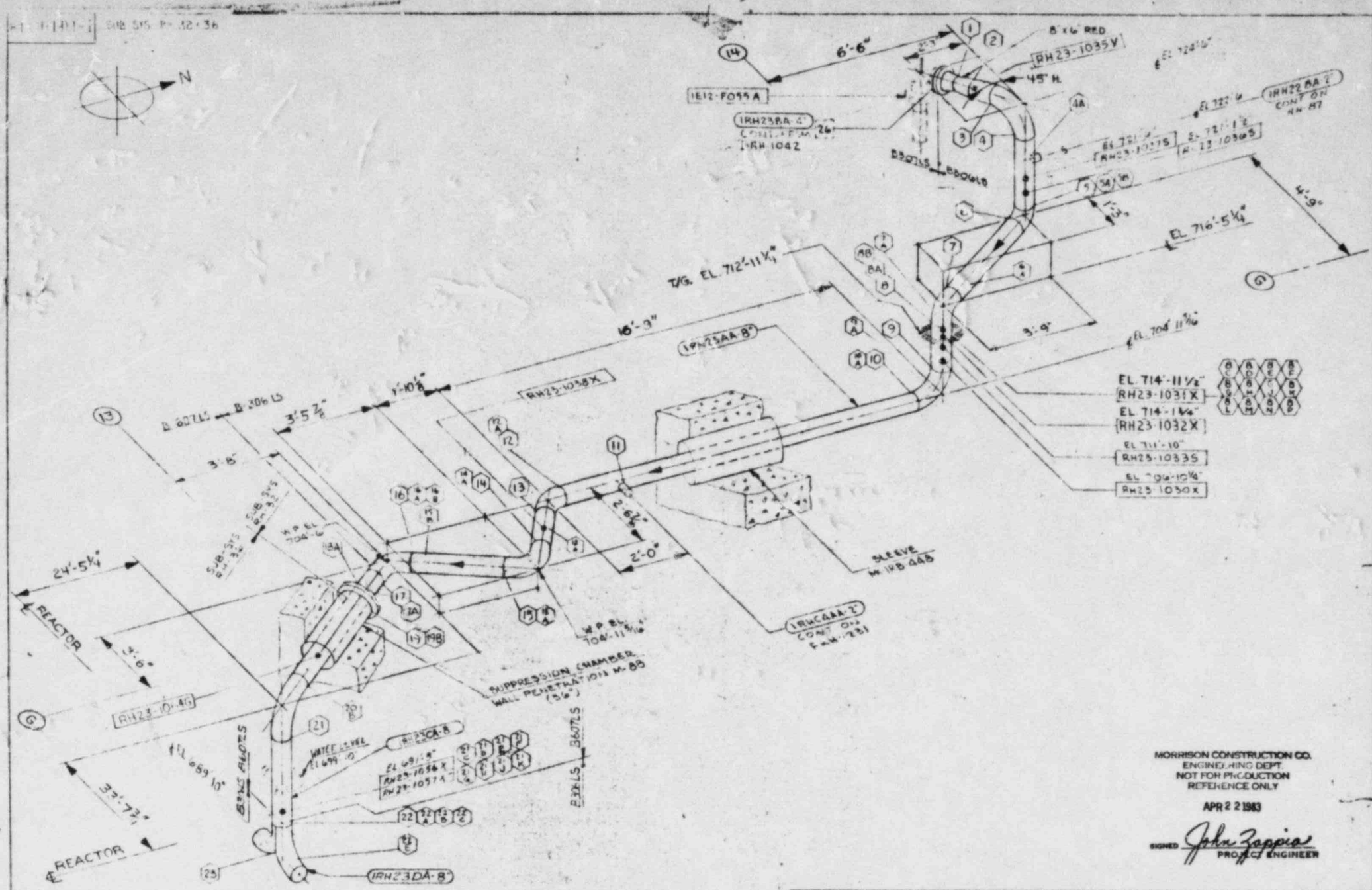
WELDING PROCEDURE SPECIFICATION

COMMONWEALTH EDISON CO. (LASALLE COUNTY STATION UNITS 1 & 2)

INSERVICE INSPECTION

RESIDUAL HEAT REMOVAL

I-RH-10



LINE NO 1RH23AA-8 TRAVELER RH-T-82
LINE NO 1RH23CA-8
LINE NO 1RH23DA-8

MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

APR 2 2 1983

SIGNED John Zappia
PROJECT ENGINEER

REVISIONS				
REV	Description	DR	CK	Date
C	PRELIM			4 Feb 83
A	Rev To Reflect MCC Comments			1 Mar 83
B	Rev To Reflect MCC Comments			11 Mar 83
	Preliminary Release			
	Add Reactor Centerline			4 Apr 83
D	Rev Per MCC Mark Up			-
	Issued			22 Apr 83
E	Rev Per MCC Mark Up			5 Jul 83
F	Rev Per MCC Mark Up			8 Aug 83

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2466 Pr. 984 980 307
Drawn R.E.P. Date 1-5-83
Checked J.P. Date 4-21-83
APPVD J.P.Z. Date 4-21-83

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
IN-SERVICE INSPECTION
RESIDUAL HEAT REMOVAL PIPING

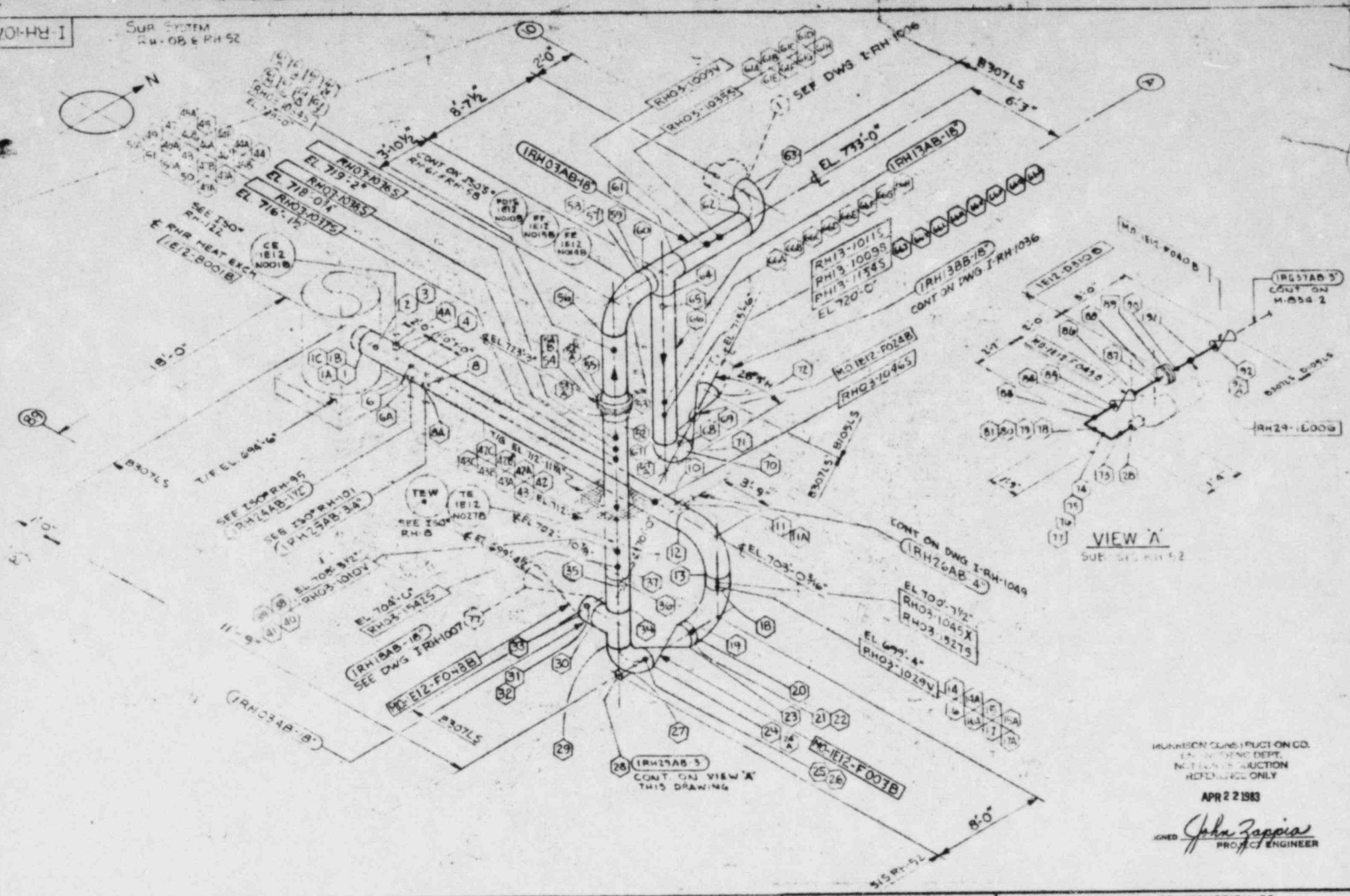
REF Dwg. Rev. MCCO ISO # I-RH-1048

SHEET-1

MCCO ISO DFT 877

I-RH-1077

SUB SYSTEM
RH-08 & RH-52



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR CONSTRUCTION
REFERENCE ONLY

APR 2 2 1983

SIGNED John Zappia
PROJECT ENGINEER

REVISIONS			
REV	Description	By	Date
0	PRELIM.		5-15-78
A	Rev. To Coord. MOS-1555		"
B	Rev. To Coord. MOS-2173		11-16-78
C	Rev. To Coord. MOS-2317		4-4-79
D	Rev. To Coord. MOS-2317		4-4-79

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

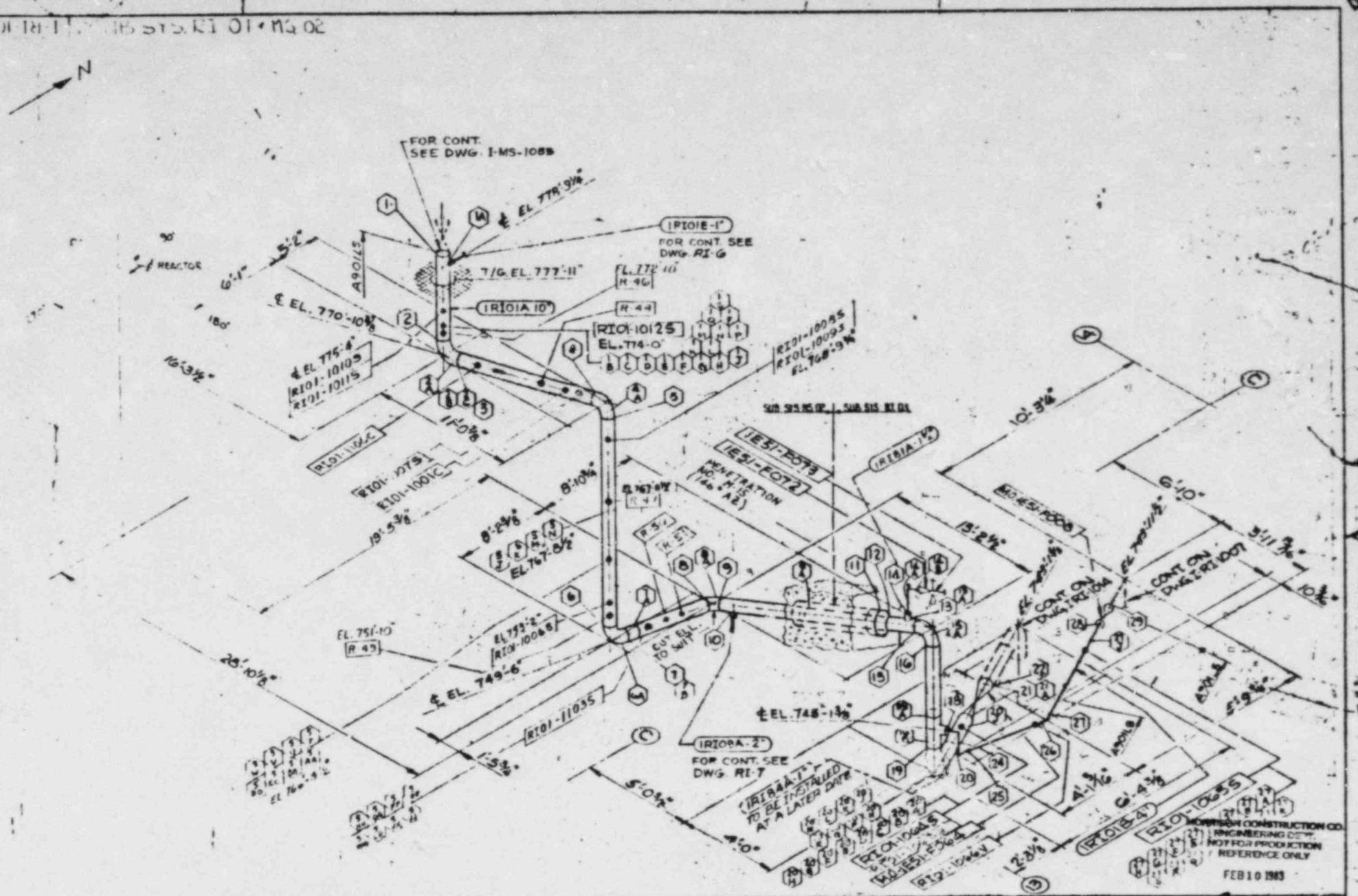
Job No. 2466 Fx 984 980 307	Drawn P.V.	Date 5-15-78
ISI BASED ON ASME SECT XI	Checked P.S.	Date
ISI-01-2nd M	APPVD	Date

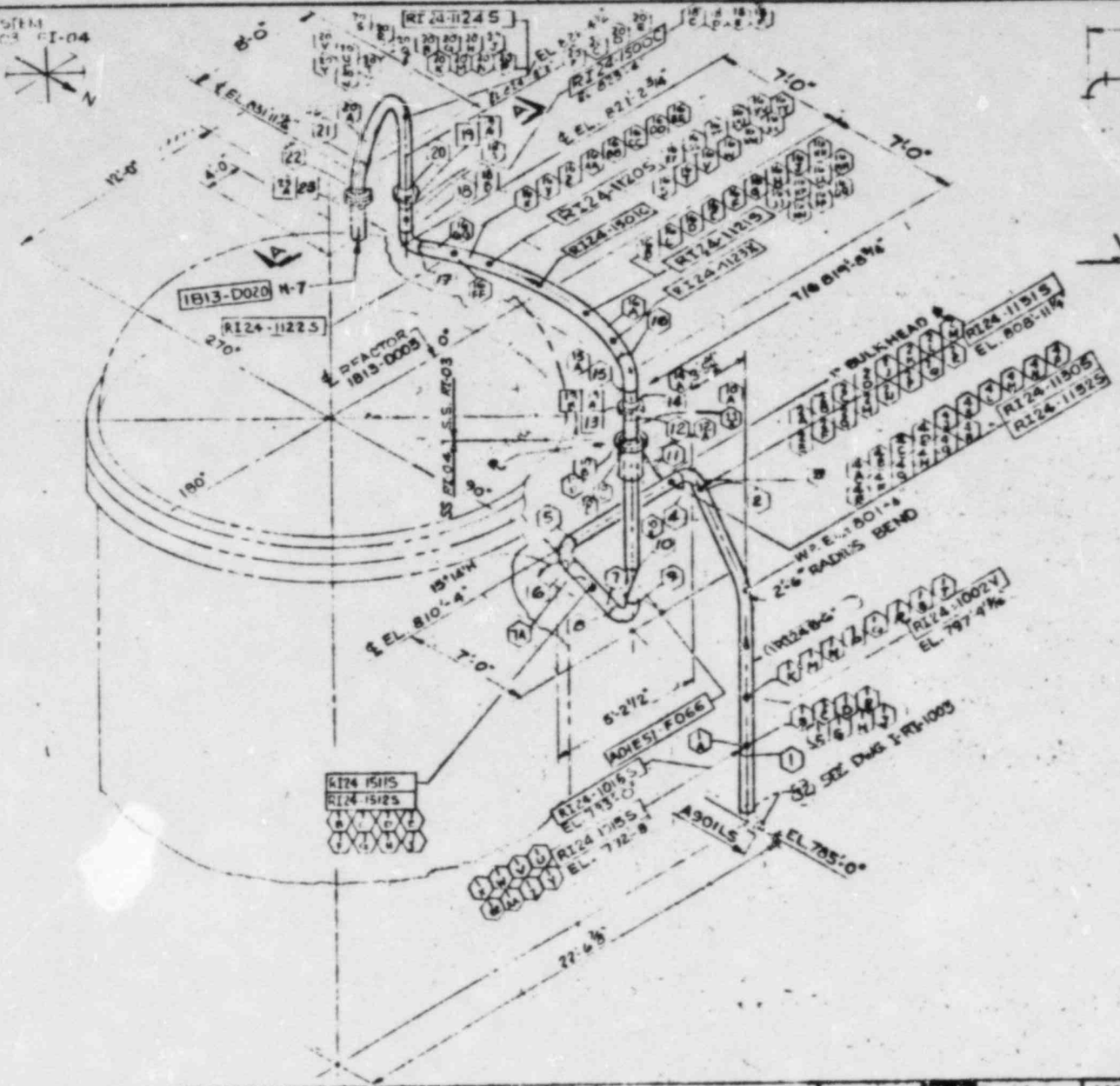
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
RESIDUAL HEAT REMOVAL

REF Dwg. Rev.	MCCO ISO #
M-96 2/W, 8E-B19-1"-M-119-2"-6	I-RH-1077

SHEET 1

MCCO ISO 1 8-77


N
FOR CONT. SEE DWG. I-MS-1088
℄ EL. 778'-9⅛"
(1P10IE-1")
FOR CONT. SEE DWG. RI-6
T/G EL. 777'-11"
EL. 772'-10"
R-46
(1R10IA 10")
R-44
RI01-10125
EL. 774'-0"
RI01-10085
RI01-10095
EL. 768'-9⅜"
℄ EL. 770'-10⅜"
℄ EL. 775'-4"
RI01-10103
RI01-10115
RI01-10072
RI01-10071C
RI01-10073
RI01-10074
EL. 767'-0½"
R-41
(1E51-E073)
(1E51-E072)
PENETRATION No. H-16 A&B)
(1R18A-1")
(1R10A-1")
MS-E51-1008
CONT ON DWG. RI-6A
CONT ON DWG. RI-6B
EL. 751'-10"
R-43
EL. 753'-2"
RI01-10065
℄ EL. 749'-6"
RI01-11035
CUT ELL TO SUIT
℄ EL. 748'-1⅜"
(1R10A-2")
FOR CONT. SEE DWG. RI-7
(1R18A-1") TO BE INSTALLED AT A LATER DATE
RI01-10055
RI01-10045
RI01-10065
(1P10IE-4")
MORRISON CONSTRUCTION CO. ENGINEERING COPY NOT FOR PRODUCTION REFERENCE ONLY
FEB 10 1983
REVISIONS
MORRISON CONSTRUCTION COMPANY
HAMMOND, INDIANA
SCALE NONE
DATE 2-28-77
LASALLE COUNTY STATION UNIT 1
REACTOR CORE ISOLATION COOLING SYSTEM
PIPING
DRAWING NO. 1-RI-1001



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

FEB 10 1983

John Zappia
PROJECT ENGINEER

LINE NO. IRI24B-6"
TRAVELER-RI-T-11

NO.	DESCRIPTION	BY	DATE
6	PRELIMINARY		
1			3-21-78
4			4-14-78
5			5-19-78
6			6-16-78
7			7-14-78

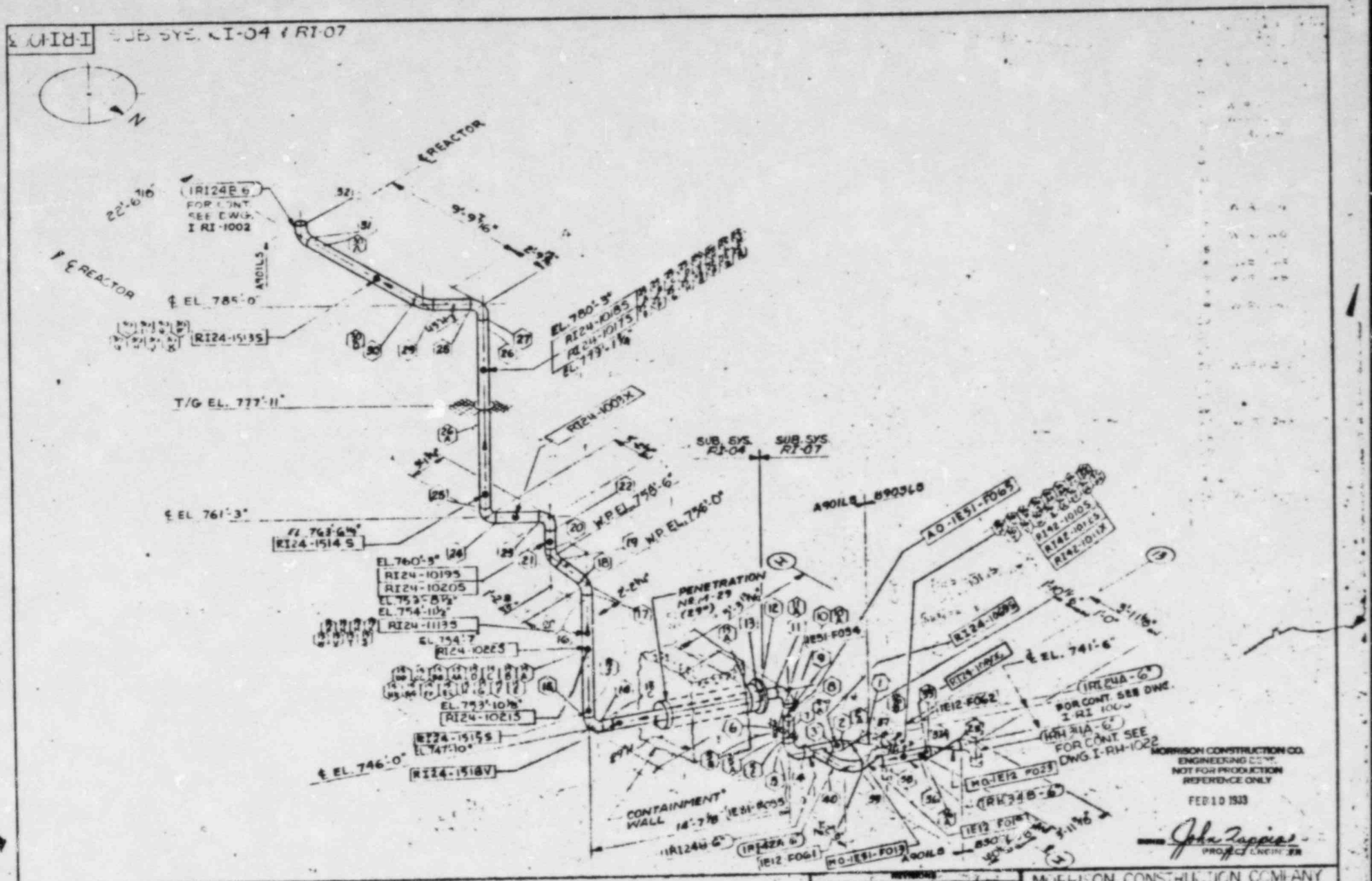
MORRISON CONSTRUCTION COMPANY
HAMMOND, INDIANA

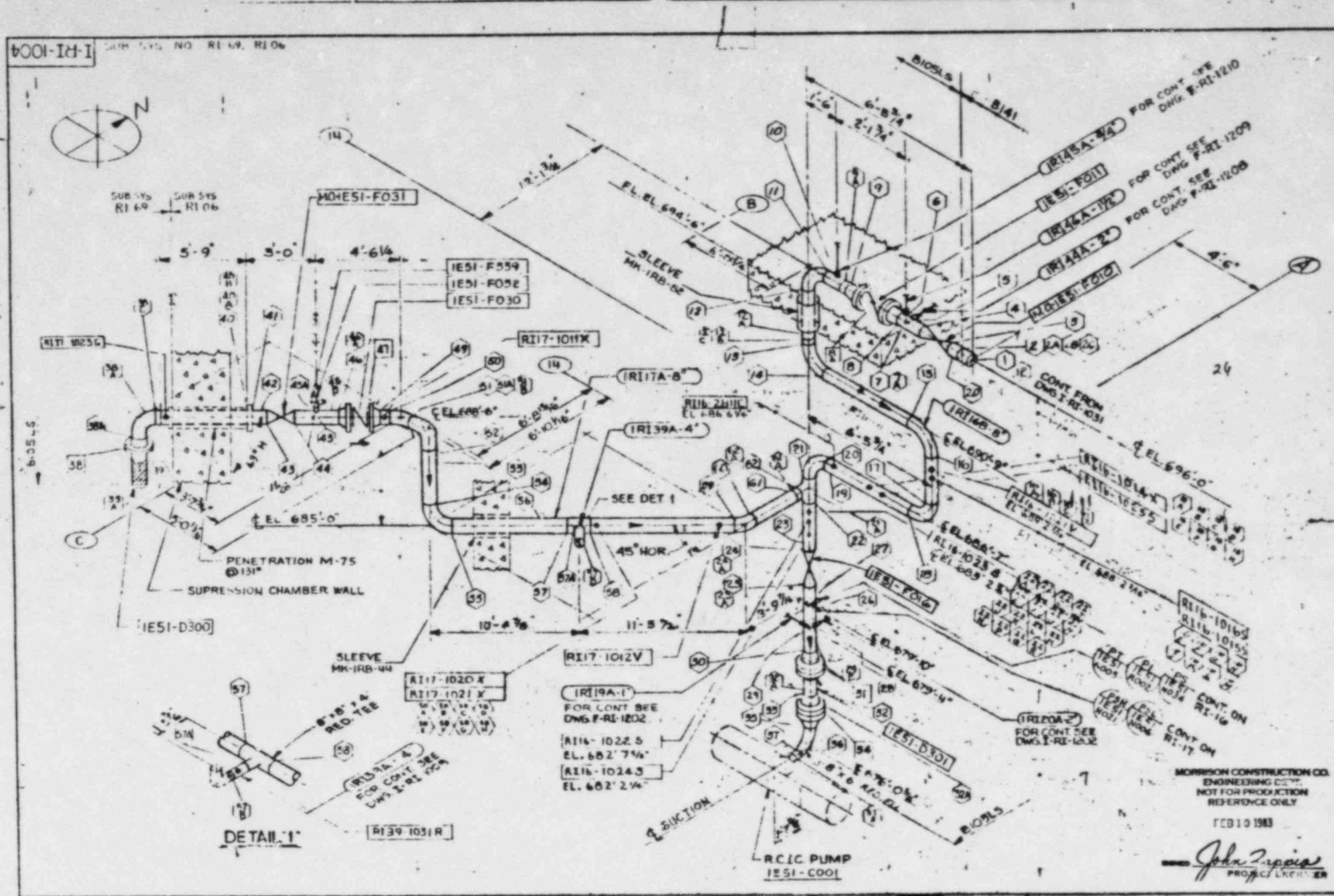
SCALE NONE | DRAWN BY J.R.H.
DATE 3-3-77 | CHECKED

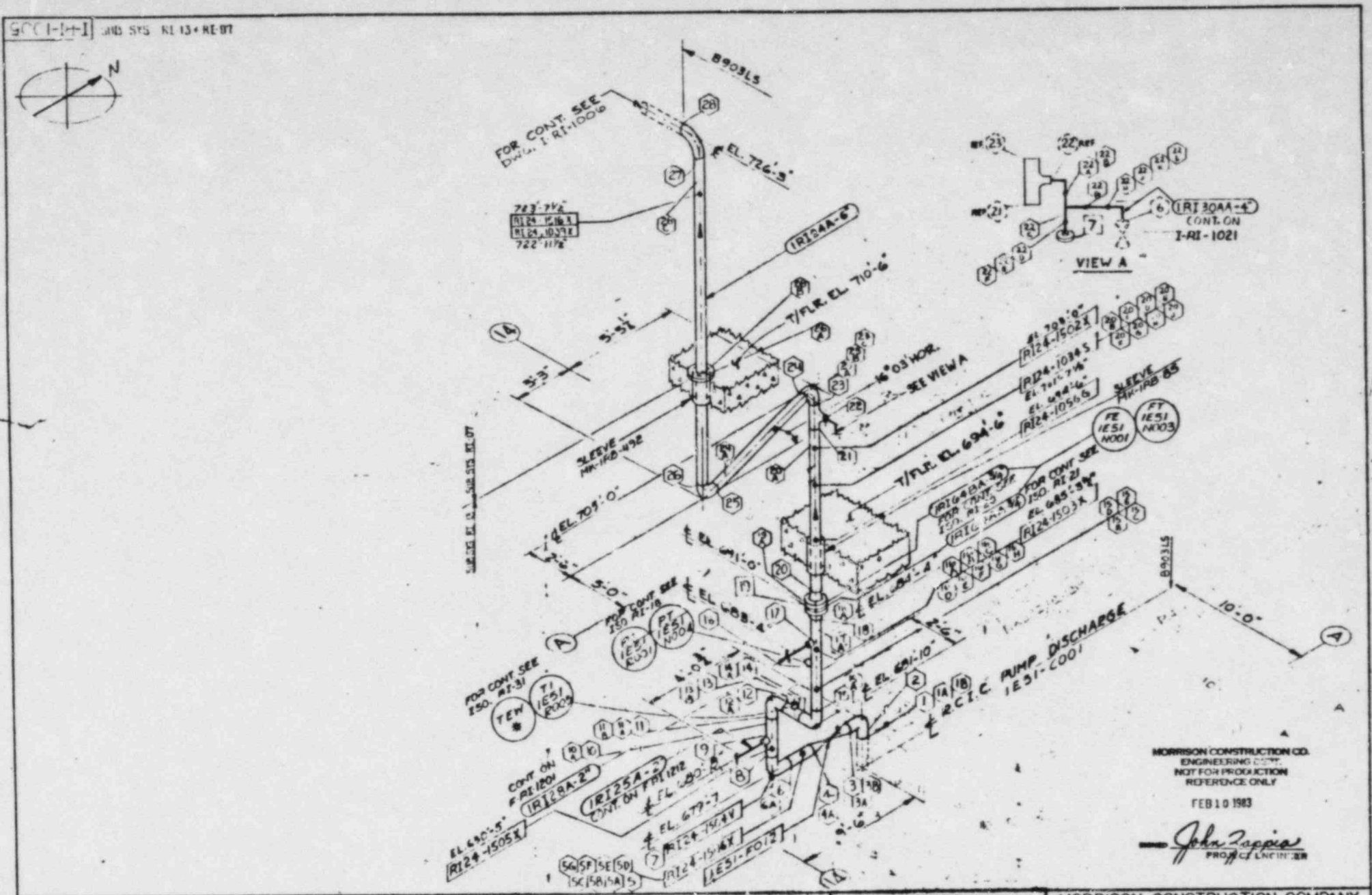
LA SALLE COUNTY STATION UNIT 1
IN-SERVICE INSPECTION
REACTOR COOLANT RECIRCULATION LOOP A

ISOMETRIC NO. I-RI-1002

SHEET-1


SUB SYS. RI-04 & RI-07
N
℄ REACTOR
IRI24E6
FOR CONT. SEE DWG. I RI-1002
℄ EL. 785'-0"
RI24-1513S
T/G EL. 777'-11"
RI24-1003X
SUB SYS RI-04
SUB SYS RI-07
℄ EL. 761'-3"
EL. 760'-3"
RI24-10195
RI24-10205
EL. 754'-10½"
RI24-11135
EL. 754'-7"
RI24-10225
EL. 753'-10⅜"
RI24-10215
RI24-1515S
EL. 747'-10"
℄ EL. 746'-0"
RI24-1518V
W.P. EL. 756'-6"
W.P. EL. 756'-0"
PENETRATION NO. 1-29 (E29)
CONTAINMENT WALL 14'-7⅜"
A901L8
AO-1E51-F065
RI42-10105
RI42-10115
RI42-10117
RI24-10095
℄ EL. 741'-6"
IRE24A-6"
FOR CONT. SEE DWG I-RI-1003
IRH34A-6"
FOR CONT. SEE DWG I-RH-1022
1E12-F062
1E12-F063
1E12-F061
1E12-F060
1E51-F054
1E51-F055
IRA24A-6"
IRA24A-6"
IRA24A-6"
IRE42A-6"
IRH34B-6"
IRH34A-6"
IRE24A-6"
IRE24A-6"
IRE24


1-RI-1004
SUB SYS NO RI 09, RI 06
N
SUB SYS RI 09
SUB SYS RI 06
MO-1E51-F031
1E51-F559
1E51-F058
1E51-F030
RI17-1011X
RI17-1012V
RI17-1020X
RI17-1021X
RI17A-8"
RI39A-4"
RI19A-1
FOR CONT SEE DWG 2-RI-1202
RI16-1022.5
EL. 682' 7⅛"
RI16-1024.3
EL. 682' 2¼"
RI39A-4"
FOR CONT SEE DWG 2-RI-1203
RI39 1031R
DETAIL "1"
8"x8"x4" RED. TEE
SLEEVE MK-1RB-44
SLEEVE MK-1RB-62
EL. 685'-0"
SEE DET 1
45° HOR.
PENETRATION M-75 @131°
SUPRESSION CHAMBER WALL
1E51-D300
EL. 694'-6"
EL. 696'-0"
EL. 677'-0"
EL. 677'-4"
EL. 688'-2⅛"
EL. 688'-2⅝"
EL. 686'-6¼"
EL. 688'-2⅛"
RI45A-¾"
RI46A-1½"
RI44A-2"
MO-1E51-F010
1E51-F011
RI16-1014.5
RI16-1015.5
RI16-1016.5
RI16-1015.5
RI16-1015.5
RI16-1015



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

FEB 10 1983

John Zappia
PROJECT ENGINEER

LINE NO	TRAVELLER
RI-94A-6	RLT 16
RE30AA-4"	RLT 283

REVISIONS			
NO.	DESCRIPTION	BY	DATE

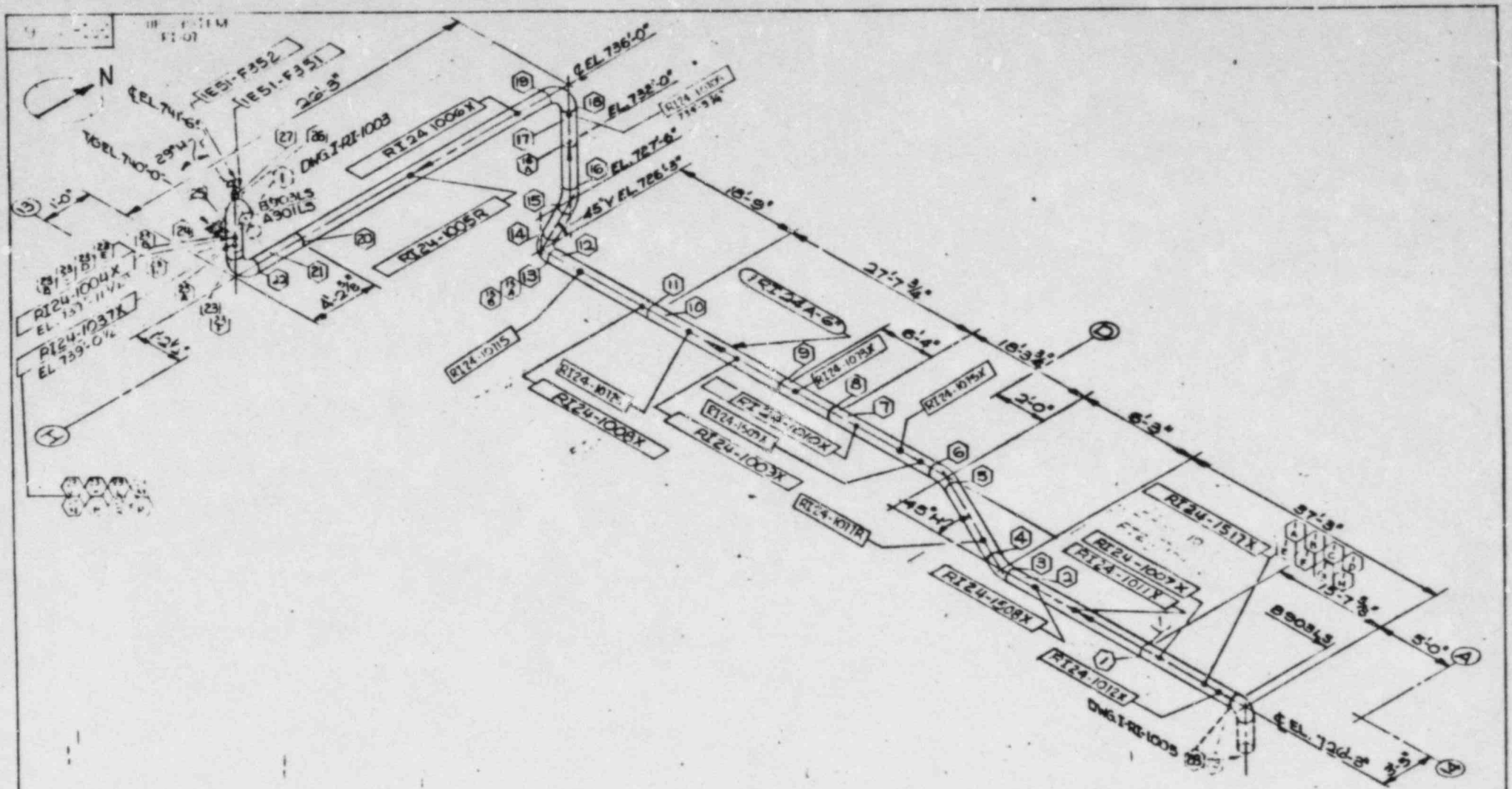
MORRISON CONSTRUCTION COMPANY
HAMMOND, INDIANA

SCALE NONE	DRAWN BY J.R.K.
DATE 4-17-77	

LA SALLE COUNTY STATION UNIT 1
INSERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT

JOB	REF. DWG. REV. BY PIPING	ISOMETRIC NO.
2466	M-101-2U M-944-1AN	I RI-1005

SHEET 1



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

FEB 10 1983

APPROVED John Tupica
PROJECT ENGINEER

LINE NO - 12"-RI24A-G"
TRAVELER RI-T No.

REVISIONS			
NO.	DESCRIPTION	BY	DATE
0	PRELIM		6-6-78
A	Rev. To Show MSC 165		8-30-78
B			
C			
D	PER PRM P-0551		
E			

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2446 Fa 904 900 307
Drawn [illegible] Date 5-25-77
Checked [illegible] Date [illegible]
APPVD [illegible] Date [illegible]

TSI BASED ON ASME SECT XI &
MCCO™ TSI-CR-5401

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2

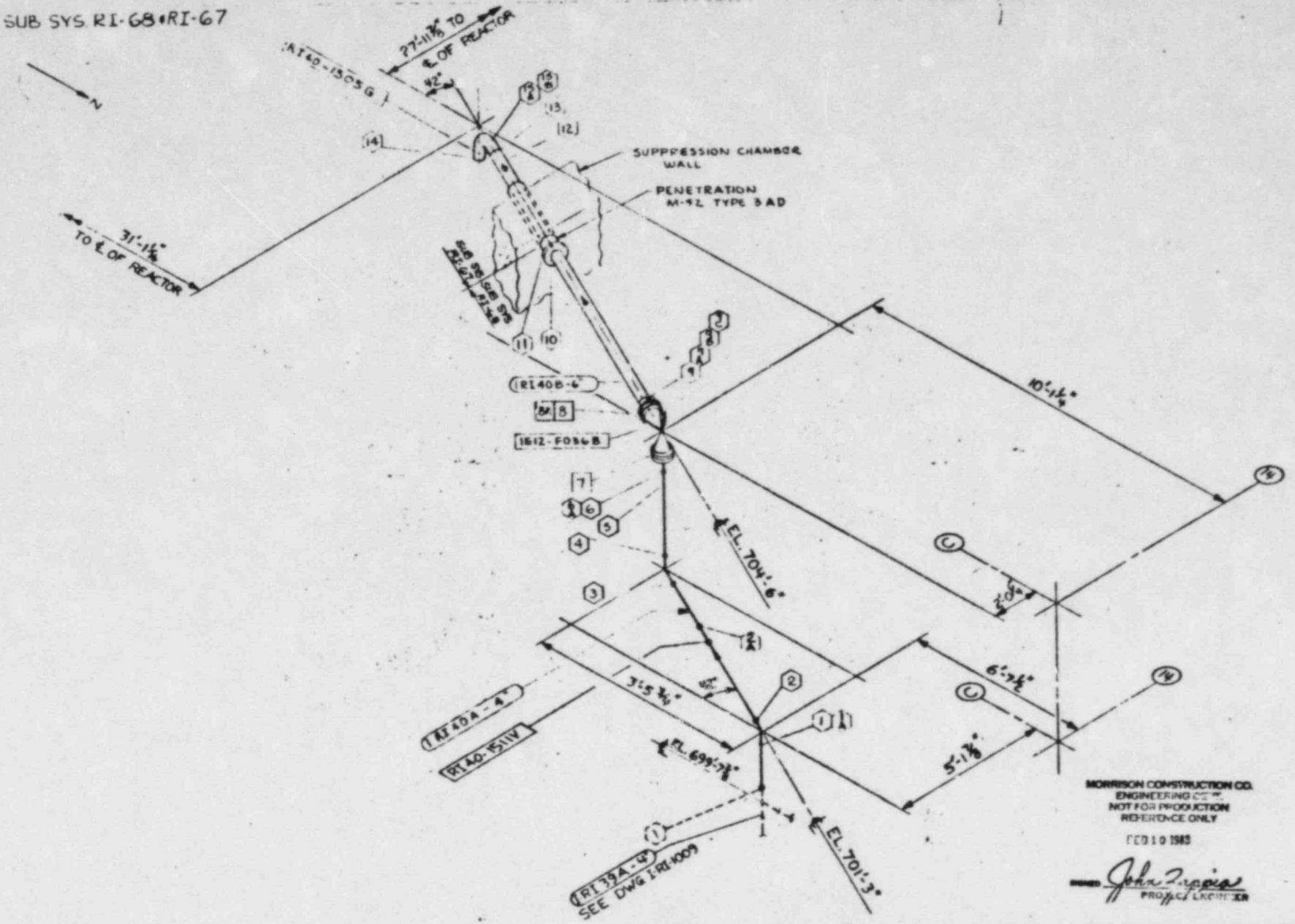
INSERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT

RFT Dwg. No. M-DRG-2204 Rev. 2/14
DP-Piping

MCCO ISO # I-RI-1006

SHEET 1

I-RI-1013 SUB SYS RI-68 & RI-67



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

FEB 10 1983

SIGNED John Tuppia
PROJECT ENGINEER

IRH40A-4" T-26
IRH40B-6" T-228

REVISIONS				
NO.	DESCRIPTION	BY	CK	DATE
	PER [illegible]			
A	PER TP CECO-MP-282			
B	PER TP CECO-MP-283			
C	PER TP CECO-MP-287			
D	PER PFR PER CECO-MP-292			
E	PER [illegible]			

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No 2466 Pr 984.980.207
Drawn CDM Date 10-18-77
Checked [illegible] Date 12-1-77
APPVD [illegible] Date [illegible]

ISI-OL-26/28

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT SYSTEM

REF Dwg Nos M-34-4 & M-844 Sh 1
Ex. 844-1/3

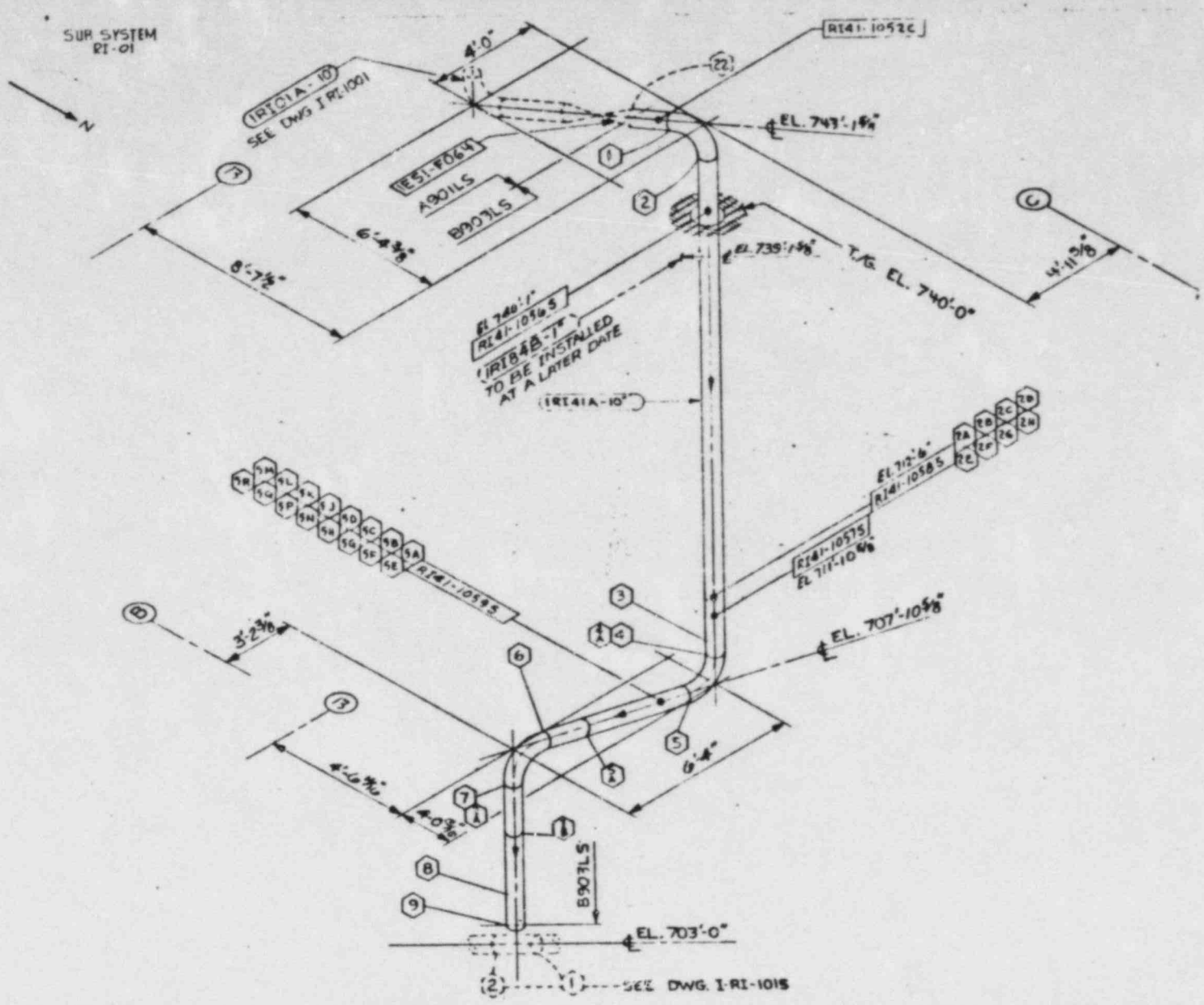
MCCO ISO # I-RI-1013

MCCO M-FM-1 8/77

SHEET 4

I-RI-K 14

SUB SYSTEM
RI-01



MORRISON CONSTRUCTION CO.
ENGINEERING
NOT FOR PRODUCTION
REFERENCE ONLY

FEB 10 1983

APPROVED John Zupica
PROJECT ENGINEER

LINE NO. 1RI41A 10"
TRAVELLER RI 1 23

REVISIONS				
REV	Description	By	Ck	Date
0	PRELIM.			6 Dec 78
A	Rev. Typ. Reac-MD-C Wlds			2-20-79
B	Rev. Tie Elev MD-C 317			11-9-79
C	Rev. Tie Elev MD-C 317			4-[illegible]
D	REVISED AS-BUILT			5-11-82
E	Revised as-built			6-[illegible]-84

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2466 Pp 984 988 987	Drawn C.D.M. Date 10-19-77
E.S.T. BASED ON ASME SECT XI	Checked [illegible] Date 12-6-77
PECO ESI-01-33M	APPVD [illegible] Date [illegible]

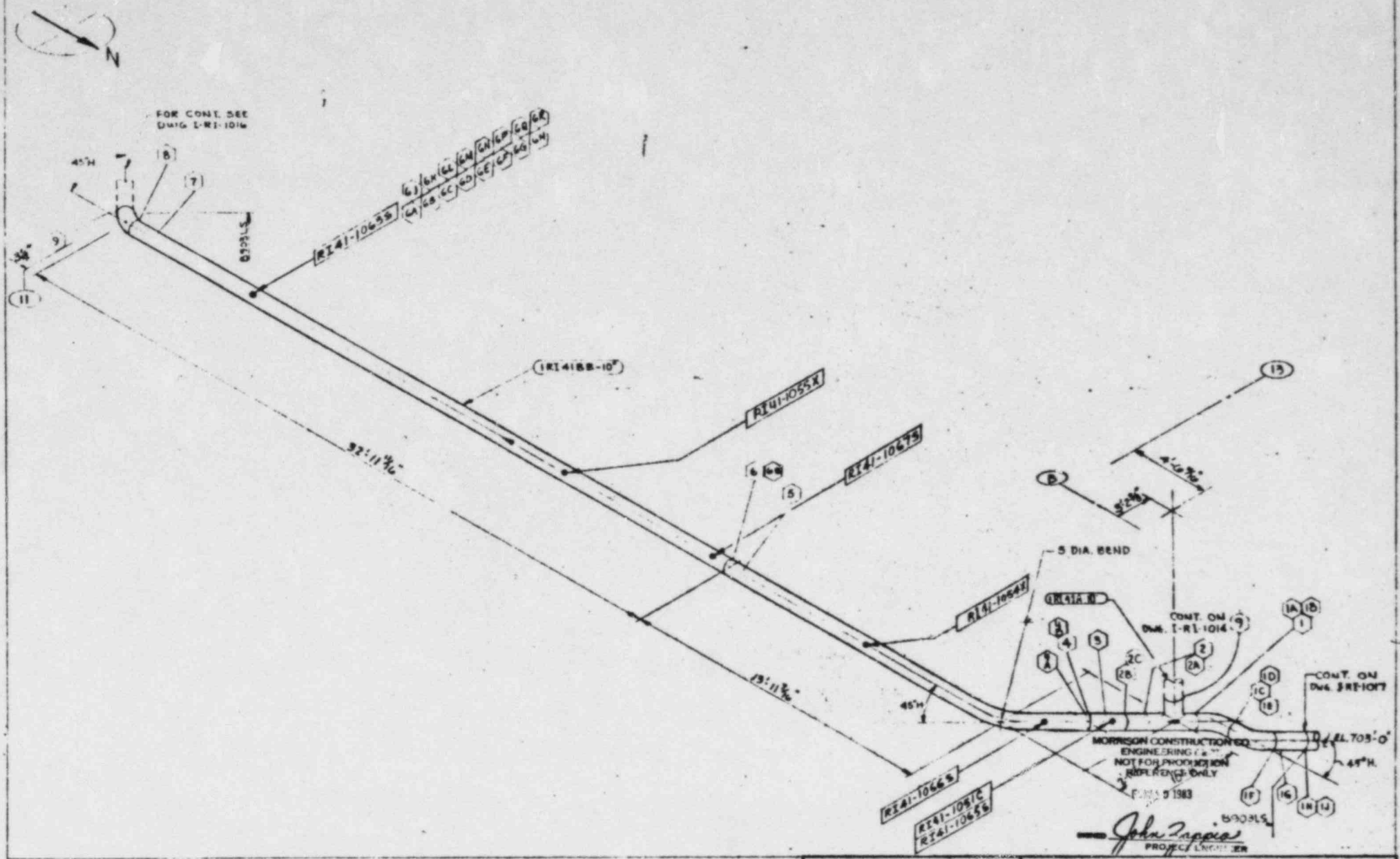
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
IN-SERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT SYSTEM

REF Dwg Rev M-RI-1, M 544 Sht 1
RF 544 L2

MCGO 1RI0 B

I-RI-1014

SIGI-[M-I] Sub Sys. RI-01



IRI41BA-10" T-24
IRI41BB-10" T-25

REVISIONS			
REV	Description	By	Date
0	Pipe Lng		2-14-78
A	Rev To CS59-HDC-186		5-30-79
B	Rev To Eco HDS 217		11-9-79
C	Rev To Eco HDS 237		5-7-80
D	Relfer to ECO 553		5-12-82
E	Rev IAW MCO 1597		2-8-84

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Pe 994 900 307
ISI P.A. - P. OF APPX. SECT XI & MCCO* 181-OL-26/M
Drawn C.T.M. Date 10-2-77
Checked A.F. Date 4-5-78
APPVD [illegible] Date 4-10-78

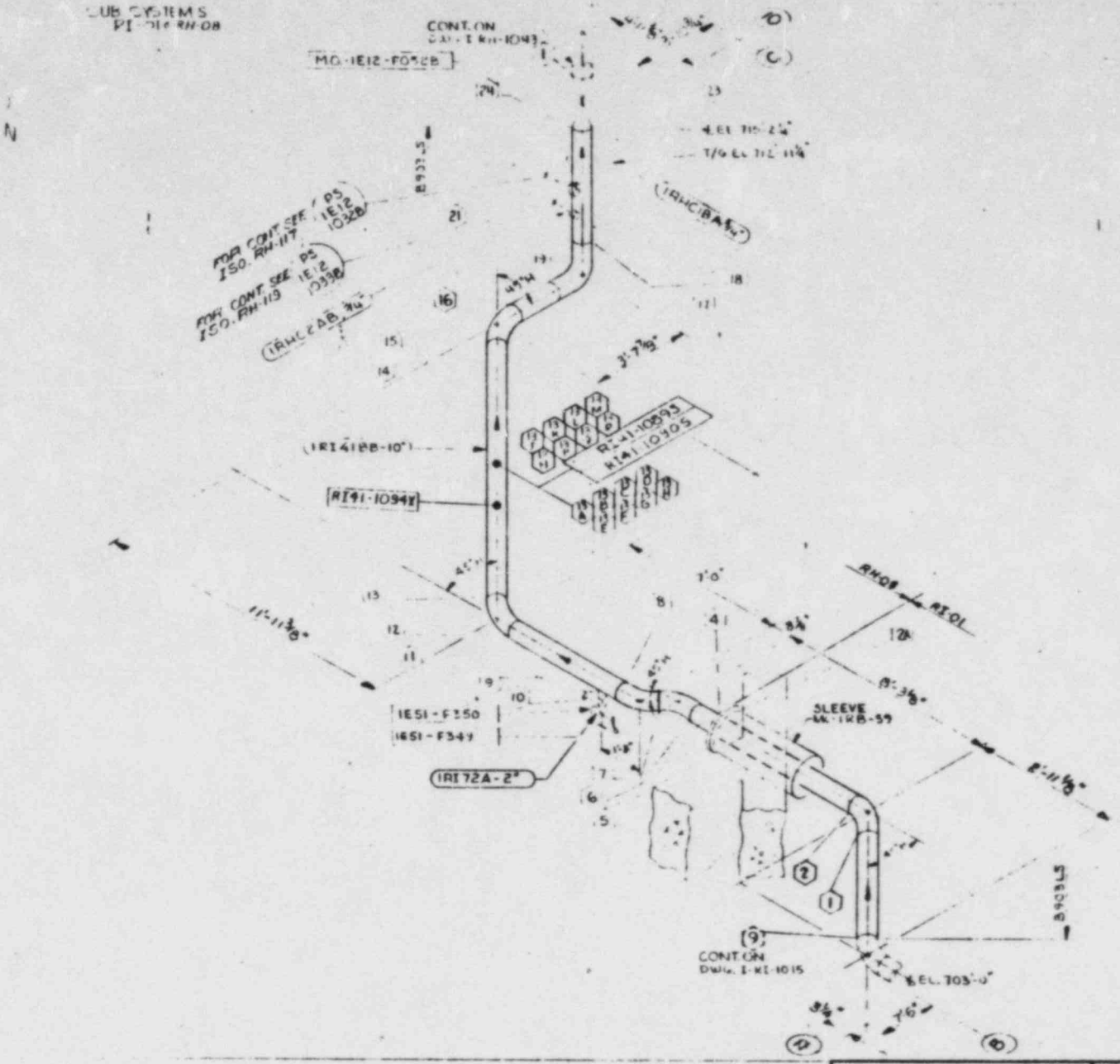
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT SYSTEM

REF Dwg. Rev. M-2W-1W, M-2S-1W & REF. S-19-12

MCCO 1503 B

T-DT-1015

SUB SYSTEMS
PI-01-RH-08



MORRISON CONSTRUCTION CO.
ENGINEERING COPY
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REFERENCE ONLY

FEB 10 1983

SIGNED John Tappia
PROJECT ENGINEER

LINE NO. 1RI41BB-10"
TRAVELER RI-125

REVISIONS				
REV	Description	By	Ck'd	Date
0	PRELIMINARY			
A				
B				
C				
D				
E				
F				

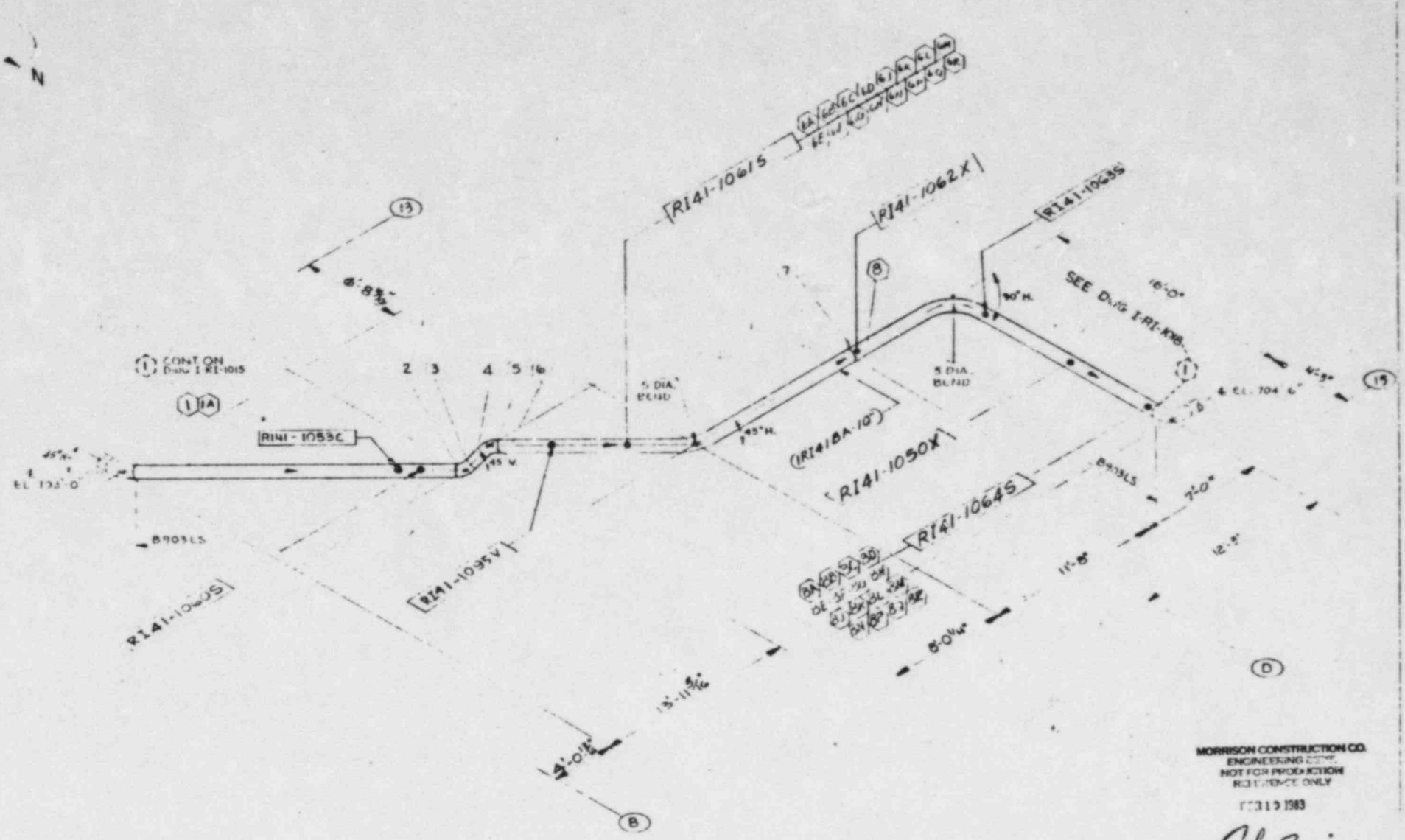
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Pa 984 980 307
TRAVELER NO. RI-125
MCCO*1SI-OL-26/M
Drawn GBM Date 10-24-77
Checked [illegible] Date 11-7-78
APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
IN SERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT SYSTEM

REF Dwg. No. M-1-1-W-14-2-1-2-RM
REF I-1-1-V-8

MCCO ISO #
I-RI-1016



MORRISON CONSTRUCTION CO.
ENGINEERING COPY
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DEC 19 1983

IRI41-A-10" T-24

REVISIONS				
REV	Description	BY	CK	Date
Q	PRELIMINARY			9-14-78
A	REV. TO CONF. NRC LTR			8-30-79
B	REV. TO CONF. NRC LTR			11-9-79
C	REV. TO CONF. NRC LTR			4-1-80
D	RELEASED LTR 563			6-14-82
E	REV. PER NRC LTR			12-22-82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

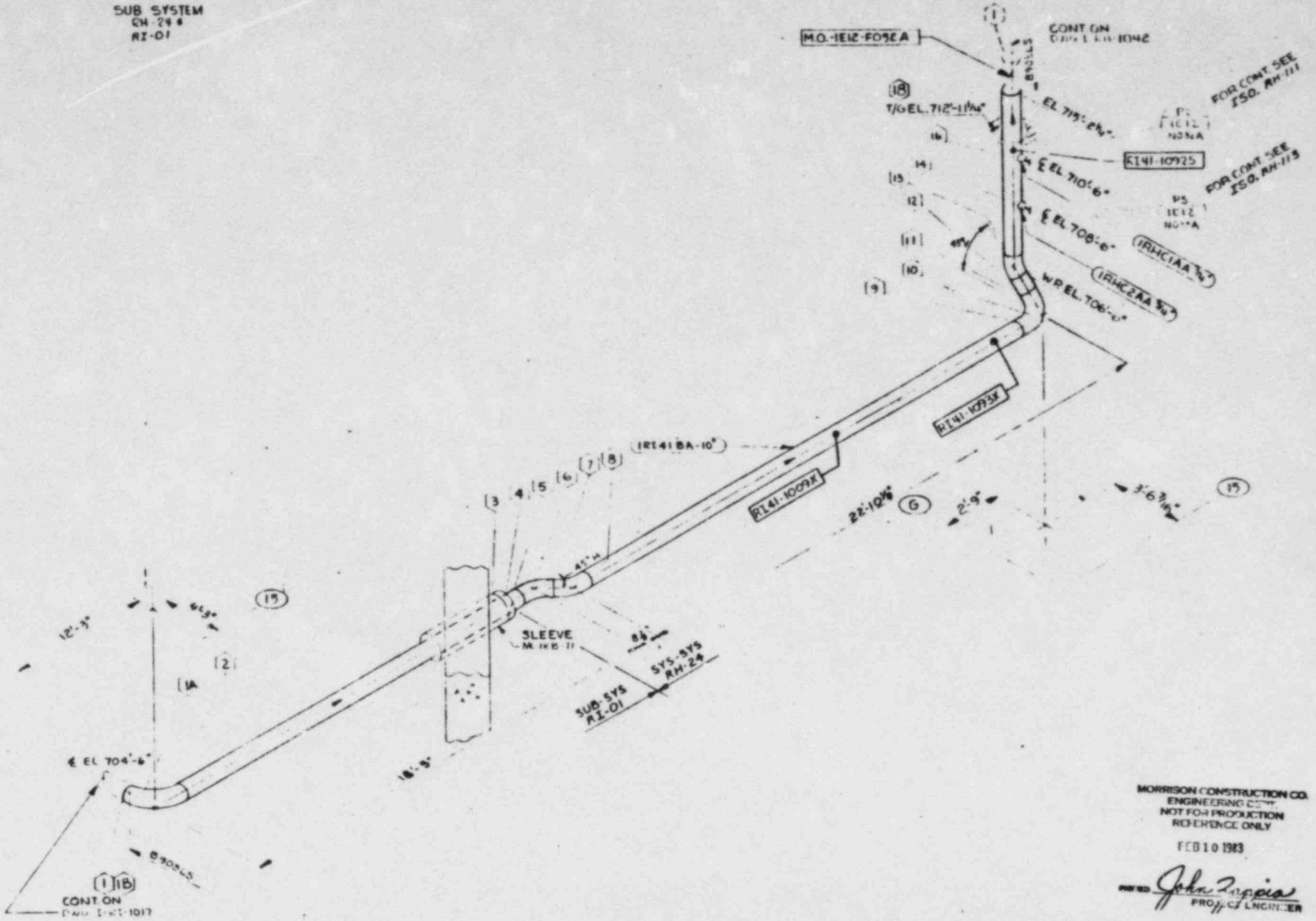
Job No 3466 Pa 904 980 307
TITLE UNIT 1 ISOMETRIC SHEET #1 & #2
MCCO 151-OL-26/M

Drawn CSM Date 10-20-77
Checked [illegible] Date [illegible]
APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT SYSTEM

REF Dwg Rev M-34-4, M-244-1 SH 1
E.E. 3 EL 42

MCCO ISO #
I-RI-1017



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
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REFERENCE ONLY

FEB 10 1983

APPROVED John Tappia
PROJECT ENGINEER

REVISIONS				
REV	Description	BY	CK	Date
A/A				
0	PRELIMINARY			10-16-78
A	REV. TO CHECK NO. 1545			1 Apr 79
B	REV. TO CHECK NO. 217			11 9 79
C	REV. TO CHECK NO. 287			8-1-80
D	REV. PER M-LECO REV. 8			5-18-82
E	REV. PER M-36-NV			2-8-83

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3666 Pg 994 996 997

Drawn C.C.K.S. Date 10 Jan 78

Traced N.A.L. Sheet 5 of 11 Rev. 6

Checked B.J.F. Date 6 / 10

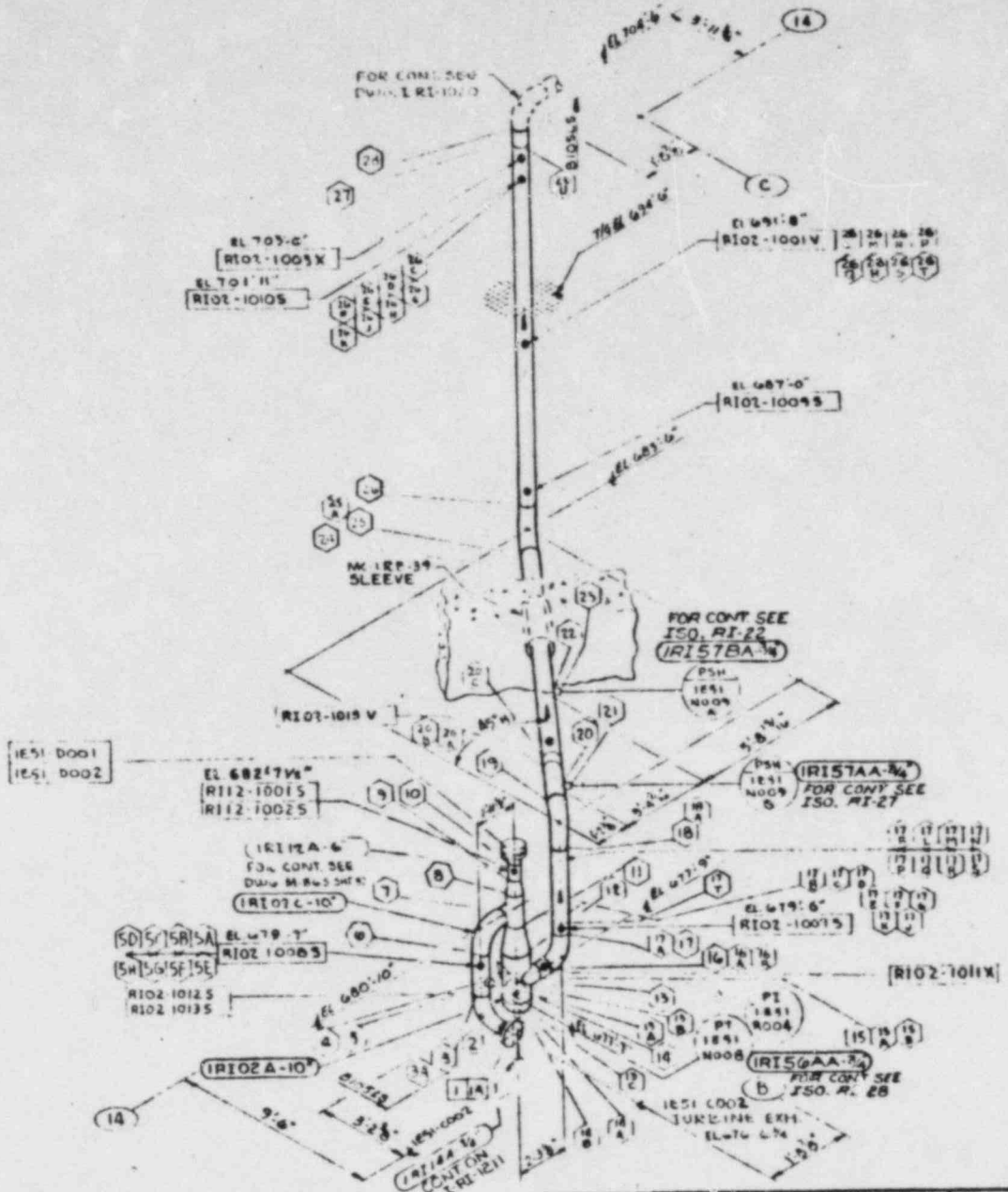
MCCO "ISI-OL-20/H" APPVD Date

COMMONWEALTH EDISON CO. - LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT SYSTEM

REF Dwg Rev M-41-4W, M-341-BY & P.E. 949-W1

MCCO ISO # I-RI-101R

SUB SYS NO RI-02



LINE NO IRI02A-10"
IRI12C-10"
IRI12A-6"

TR NO RI-T15

MORRISON CONSTRUCTION CO.
ENGINEERING COPY
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REFERENCE ONLY
FEB 10 1983
SIGNED John Zappia
PROJECT ENGINEER

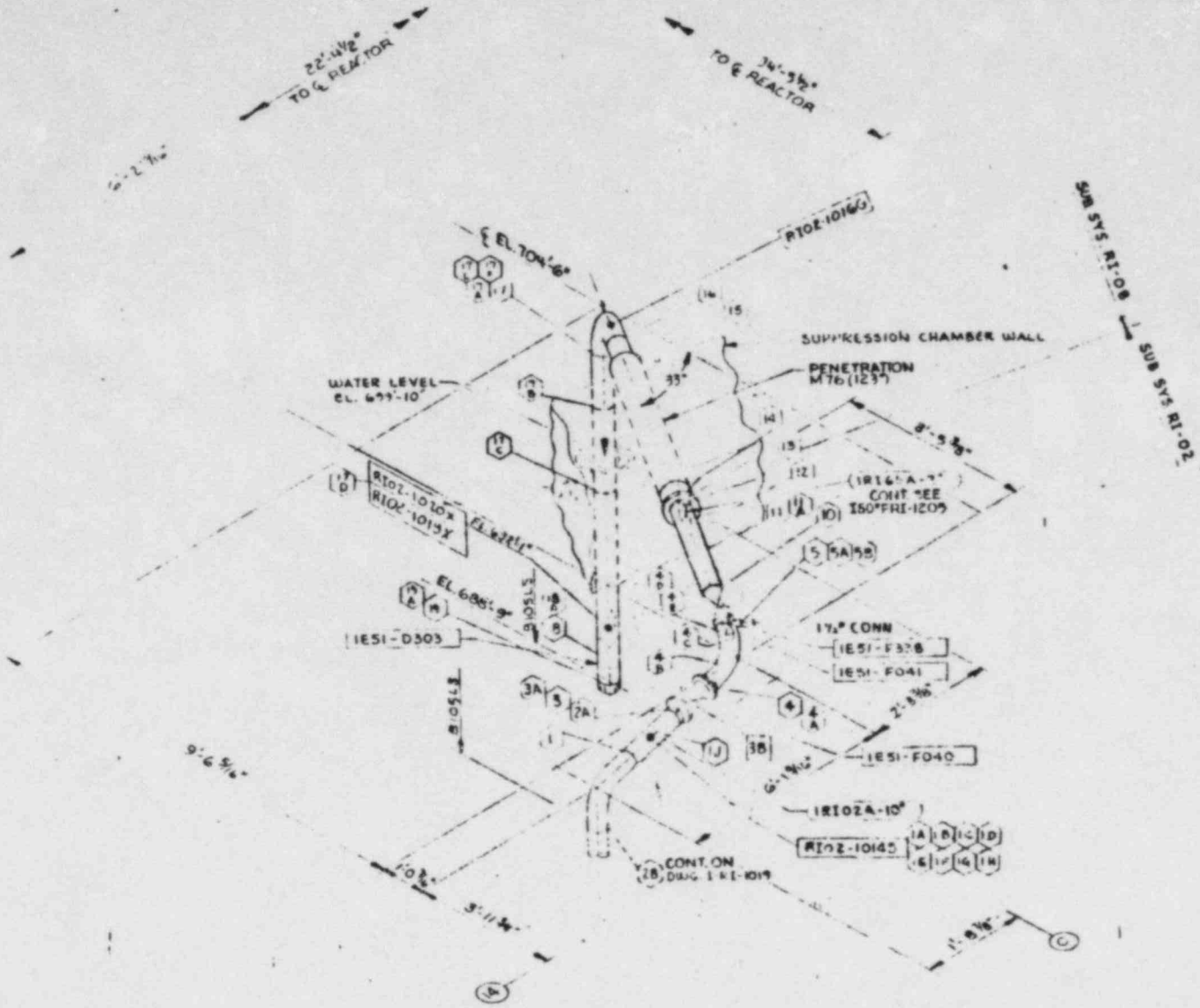
REVISIONS				
REV	Description	By	Ck	Date
0	PRELIM			6-6-78
A	REV TO CONF WITH AS-BUILT			3-30-82
B	REV TO CONF WITH AS-BUILT			1-9-84
C	REVISED PER FIELD MARKUPS			
—	REVISED PER AS-BUILT			5-7-85
D	REVISED PER FIELD MARKUPS			5-16-85
E	REVISED PER FIELD MARKUPS			2-6-87

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No 5666 Fa 004 000 307
Drawn C.D.M. Date 10-29-82
Checked [illegible] Date [illegible]
Approved [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
REACTOR CORE ISOLATION COOLANT
REF Dwg Rev 0 [illegible]
MCCO Dwg # I-RI-1019

SUB SYS RI-02 RI-08



MORRISON CONSTRUCTION CO.
ENGINEERING
NOT FOR PRODUCTION
REFERENCE ONLY

FEB 19 1983

SIGNED _____ PROJ. ENGR

REVISIONS				
REV	Description	BY	CK	Date
O	PRELIMINARY			6-16-78
A	REL. T. CCLM NO. 6			7-31-79
B	REL. T. CCLM NO. 8			11-3-80
C	REL. T. CCLM NO. 837			4-7-81
D	REL PER MCC-10566			5-19-82
E	PER MCC-10587			6-11-82

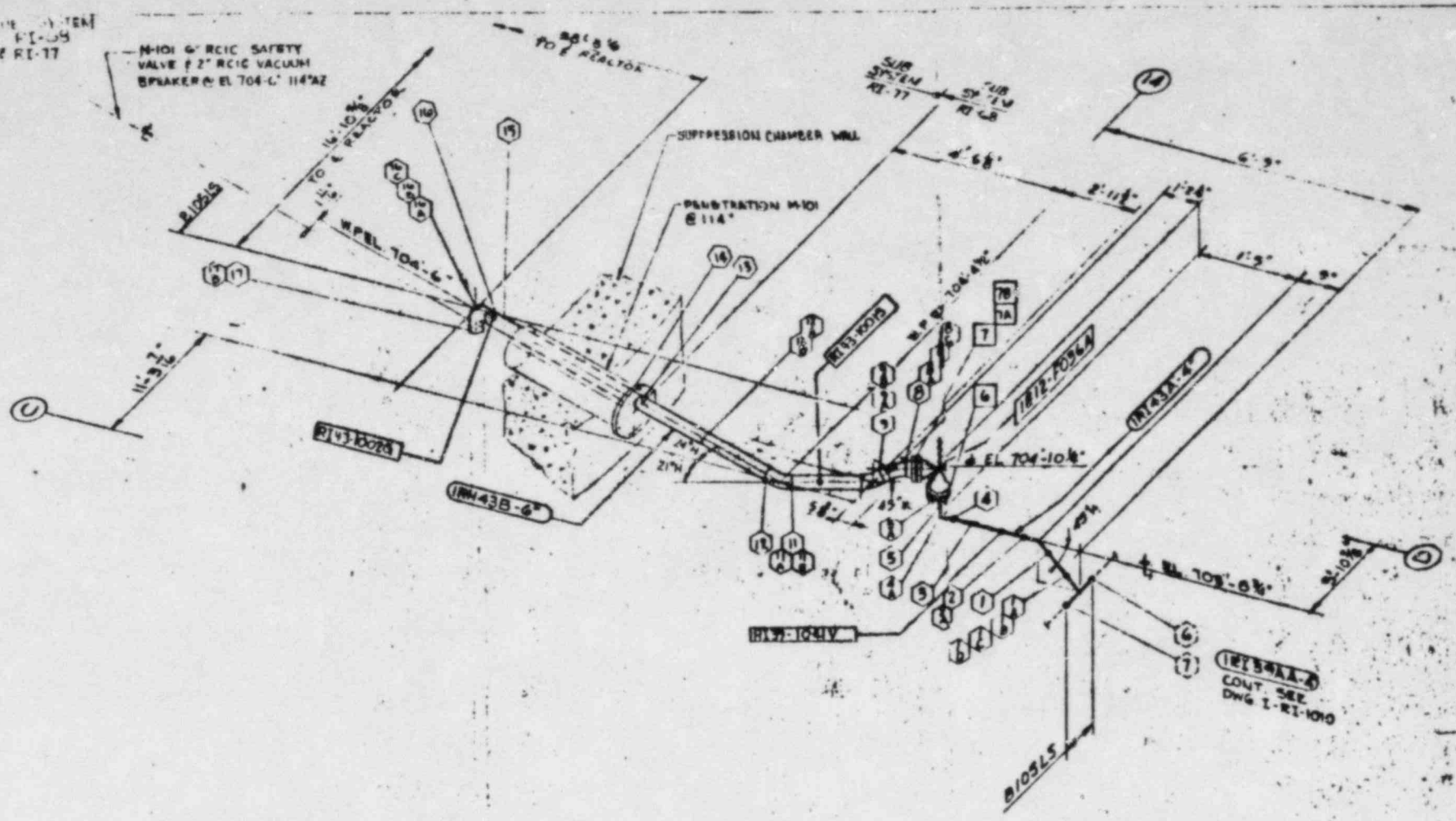
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 9466 Pc 964 900 307 — Drawn CLM — Date 11-1-77
I.I. BASED ON A.S.M.E. SEC. XI — Checked RJF — Date 6-78
MCC-10"SI-OL-9)/M — APPVD — Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT

REF Dwg Nos M 101 1Y, M 3 1 1 (SH 1 OF 2), E 1 2 4 3 1/2

MCC DRG NO. I-RI-1020



LINE NO 1RI43B-6" 1RI43A-4"
TRAVELER · RI.T 210, 219

REVISIONS			
REV	Description	By	Date
0	PRELIM.		6 6 78
A	REV TO CLEAR MPS 1988		8 29 78
B	REV TO CLEAR MPS 317		11 3 78
C	REV PIPE & PENETRATION		1 8 79
—	REV TO CLEAR MPS 337		4 1 80
D	FINAL REV PER MPS 1967		6 22 82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 Pg 204 thru 207
TEE BASED ON ASME SECT III
Drawn [illegible] Date 3-15-78
Checked [illegible] Date 6-6-78
APPD [illegible] Date 3 30 79
MCC 2 " 1-101-34/35

COMMONWEALTH EDISON CO. LASALLE COUNTY STATION UNITS 1 & 2

INSERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT PIPING

REF Dwg No. M-64, 5, 6, M-361, 2
M-311, M-312, 0

MCC01509

1-RI-1022

MORRISON CONSTRUCTION CO.
ENGINEERING CENTER
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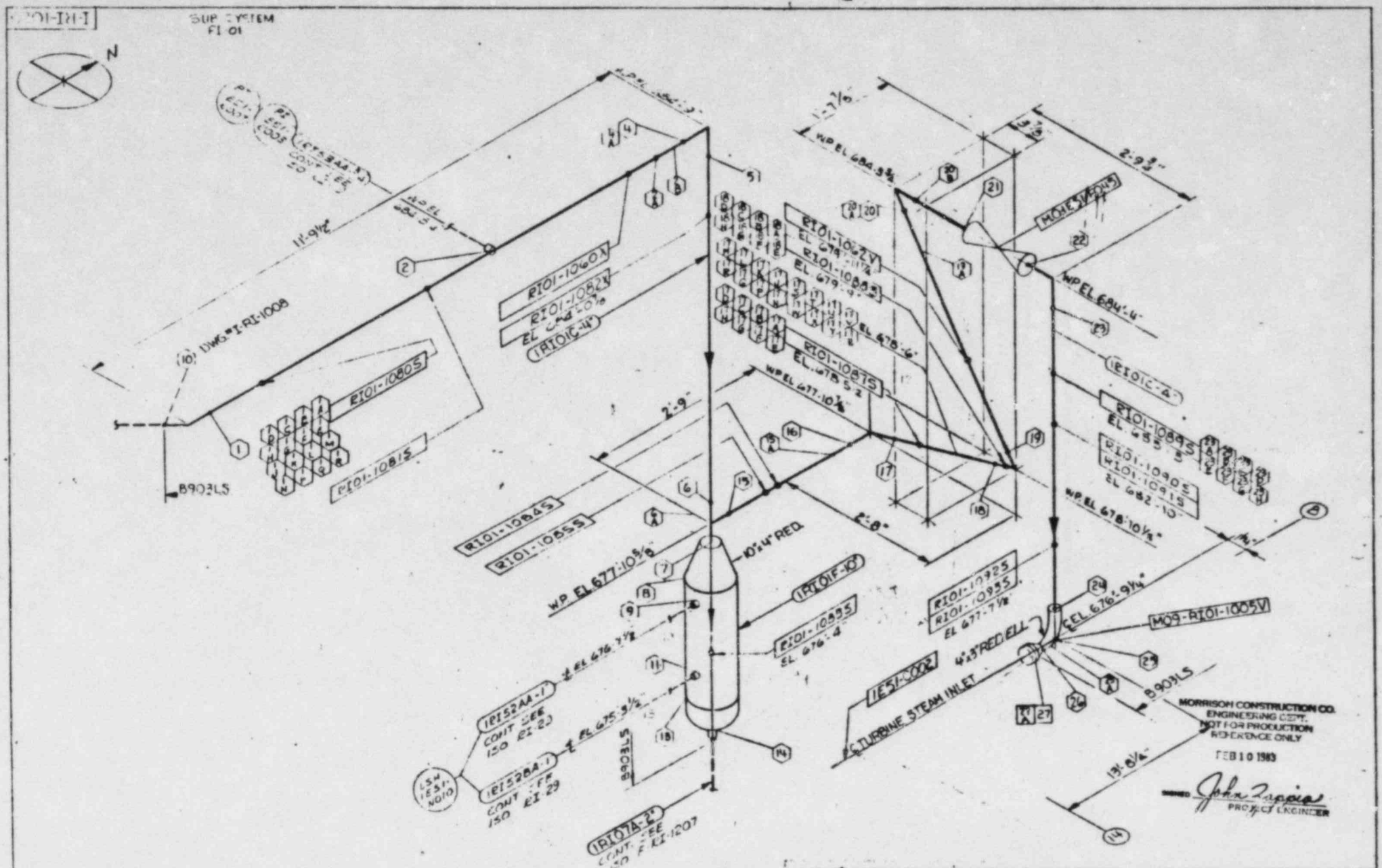
FEB 18 1983



LINE NO. 1RI01C-4"
TRAVELER RI-1-12

REVISIONS			
REV.	Description	By	Date
0	PRELIMINARY		7-8-82
A	Rev. to clean up & add		8-25-82
B	Add Tech Spec 4.0.5 (c)		11-9-82
C	Add Tech Spec 4.0.5		1-14-83
D	Corrected per ECR 2625		1-5-83

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 2466 Pc 904 900 307
ISI BASED ON ASME SECT. XI &
MCCO ISI-OL-4 VM

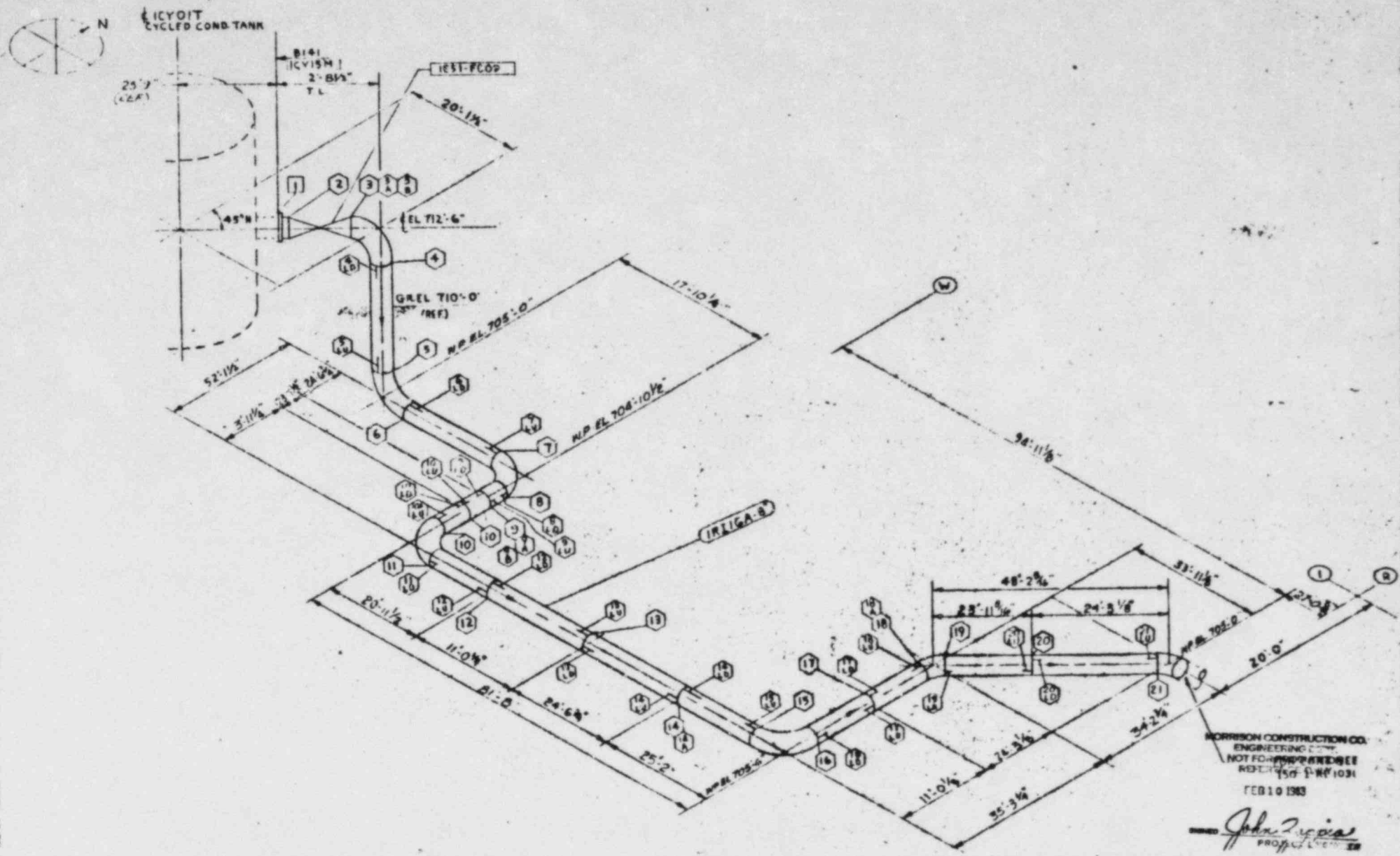
Drawn A.T.W. Date 6-22-82
Checked J.S. Date 12-15-82
APPVD [illegible] Date 1-24-83

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT

REF Dwg No. M-101 Sht. M-644-2 Rev.
BE-644-C12

MCCO ISO # I-RI-1029

1 RI-1030 SUB-SYS: N/A



LINE NO. IRIIGA-8"
TRAVELLER NO. FAB RI-T-1 ERECT RI-T-2

REVISIONS				
NO.	DESCRIPTION	BY	CK'D	DATE
0	Issued for Const.	[illegible]	[illegible]	4-5-83

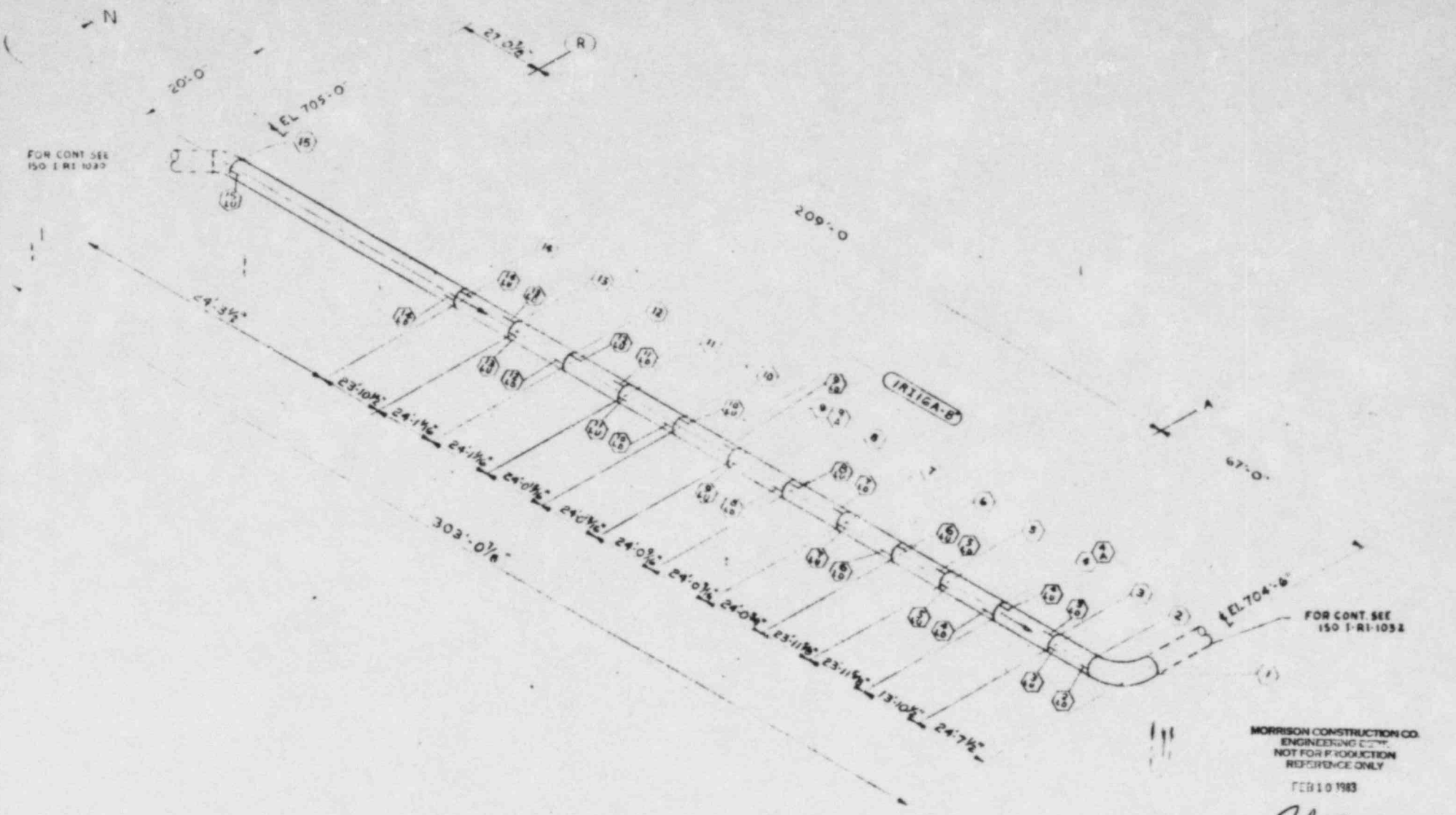
MORRISON CONSTRUCTION CO.
RAYMOND, INDIANA

Job No. 3686 Pg 904 980 307
PIT BASED C.S. & ASME SECT XI I
MCCO 141 RI-T/P

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT

REF Dwg No. M-1%/A A

1-RI-1030



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
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REFERENCE ONLY

FEB 10 1983

SIGNED John Tipcia
PROJECT ENGINEER

LINE NO. IRI16A-8"
TRAVELLER NO., FAB RI-T-1 ERECT RI-T-2

REVISIONS			
REV	Description	By	Date
0	Final Rel. Main Hdg	GS	1-6-83

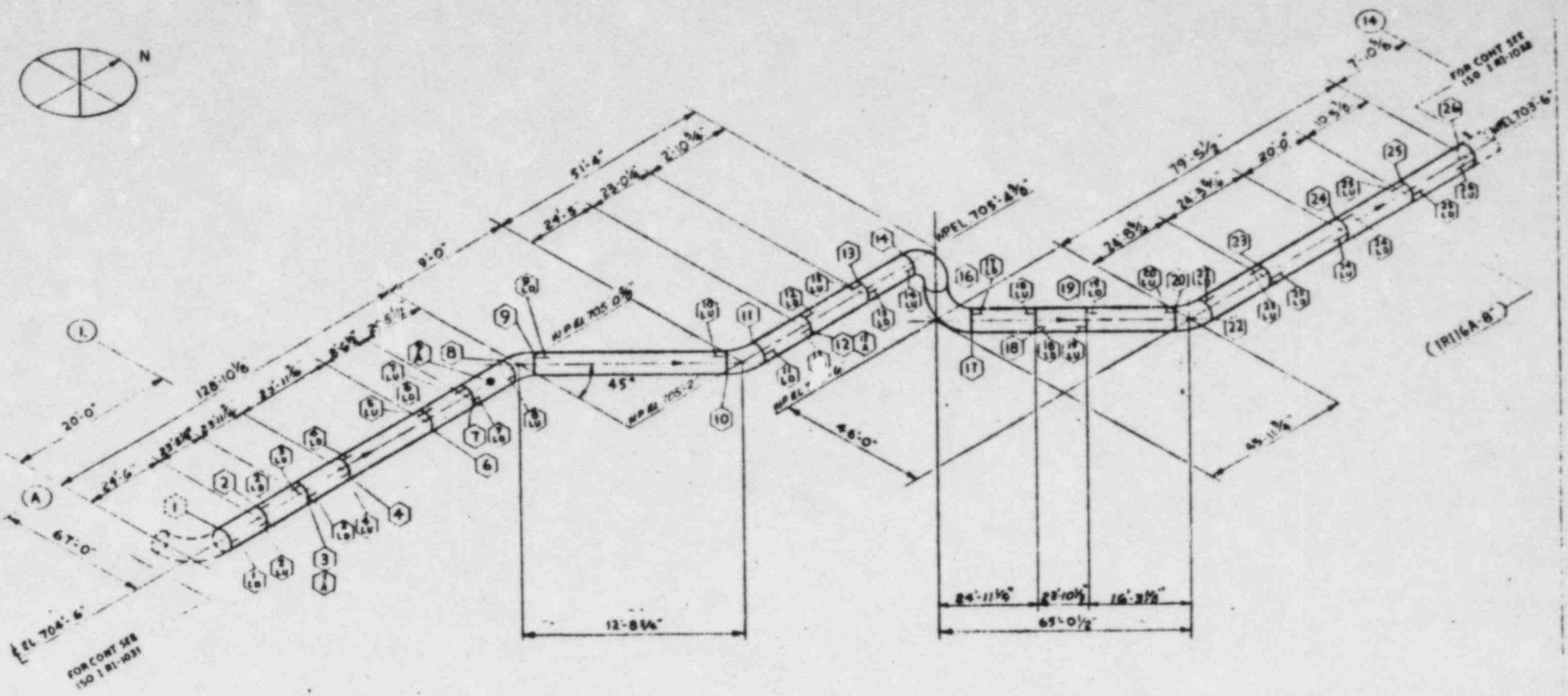
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3416 Ex 984 980 307 — Drawn C. Jackson Date 12-30-82
ISI BASED ON ASME SEC XI — Checked & Engineering Date 1-6-83
MCCO ISI-3.1-1 — Approved J. Tipcia Date 1-6-83

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
REACTOR CORE ISOLATION COOLANT

REF Dwg No. M-67/8 M-72/8 M-72/8 — MCCO ISO # I RI-1031

1-RI-1032 SUB-SYS N/A



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

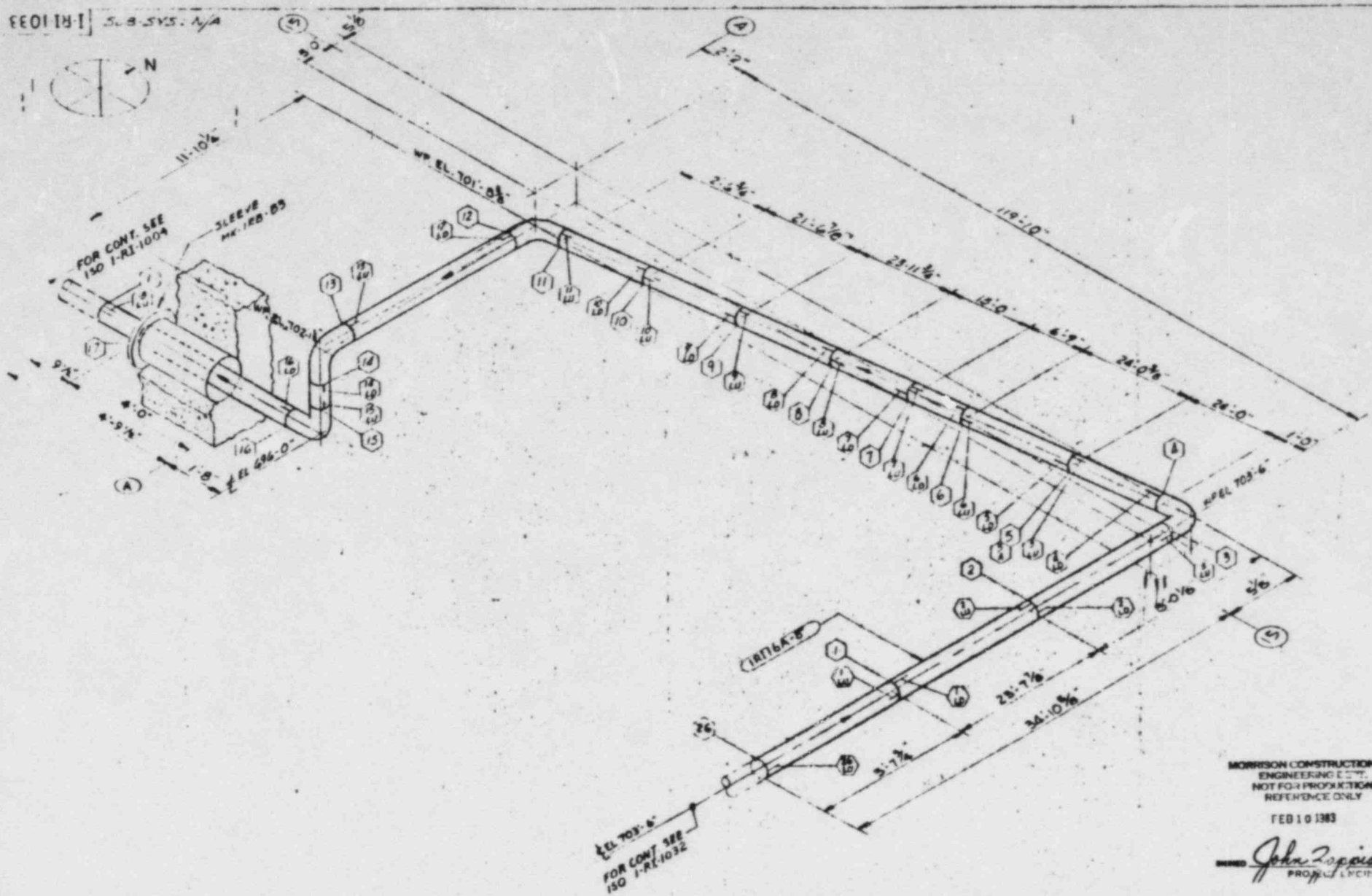
FEB 10 1983

SIGNED John Zappia
PROJECT ENGINEER

LINE NO 1R11GA-8"
TRAVELLER NO. FAB RI-T-1 ERECT RI-T-2

REVISIONS					MORRISON CONSTRUCTION CO. HAMMOND, INDIANA	
REV	Description	DR	CK	Date		
0	Issued for Fab & Erection			1-5-83		
					Job No. 3666 Eq 900 980 307	
					1ST BASE: IN ASME SECT XI MCCO ISI-2 T/P	
					COMMONWEALTH EDISON CO. LASALLE COUNTY STATION UNITS 1 & 2	
					INSERVICE INSPECTION REACTOR CORE ISOLATION COOLANT	
					REF Dwg Nos M 14/1.A	MCCO ISO 1-RI-1032

1-RI 1033 S.B.SYS. N/A



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
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REFERENCE ONLY

FEB 10 1983

signed John Zappia
PROJECT ENGINEER

LINE NO. 1RI16A-B"
TRAVELLER NO. FAB RI-T-1 ERECT RI-T2

REVISIONS			
REV	Description	By	Date
Q	Finish Pipe M-1A ISOS	[illegible]	1-5-83

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

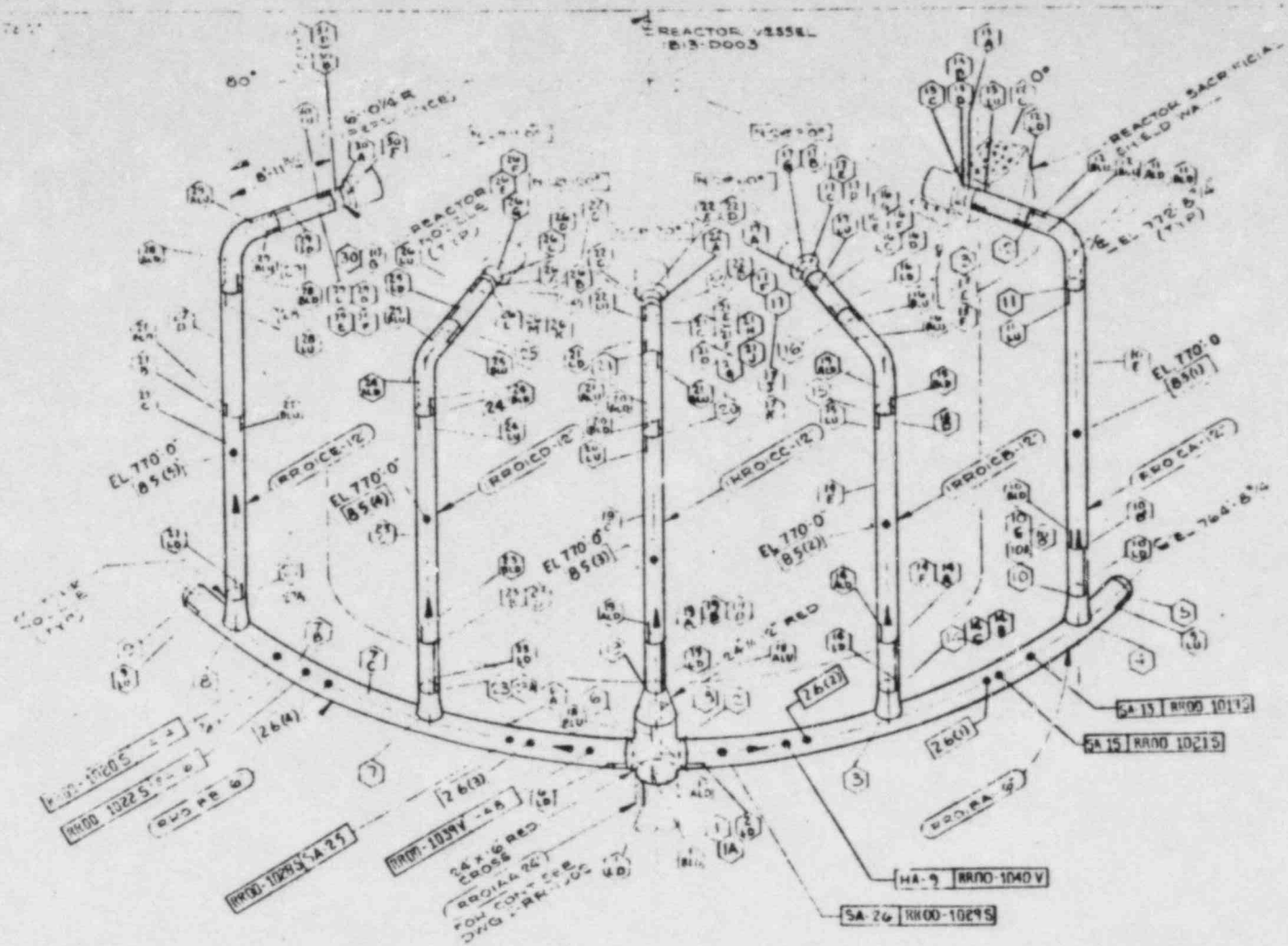
Job No. 2466 P.O. 984 980 307
I&I BASEL & ASME SECT XI &
MCCO I&I C-7/P

Drawn A.S. [illegible] Date 12-30-82
Checked [illegible] Date 1-6-83
APPVD [illegible] Date 1-6-83

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
INSERVICE INSPECTION
(REACTOR CORE ISOLATION COOLANT

REF Drwg No. M-1 52/2 M-1 56 4/4
M-79/14

MCCO ISO #
1-RI-1033



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
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RECORD COPY ONLY

FEB 10 1983

SIGNED John [illegible]
PROJECT ENGINEER

REVISIONS			
REV	Description	BY	Date
			3-30-76
A			
D			1-6-82
E			1-8-82

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466 PO 906 900 307

Checked [illegible] Date [illegible]

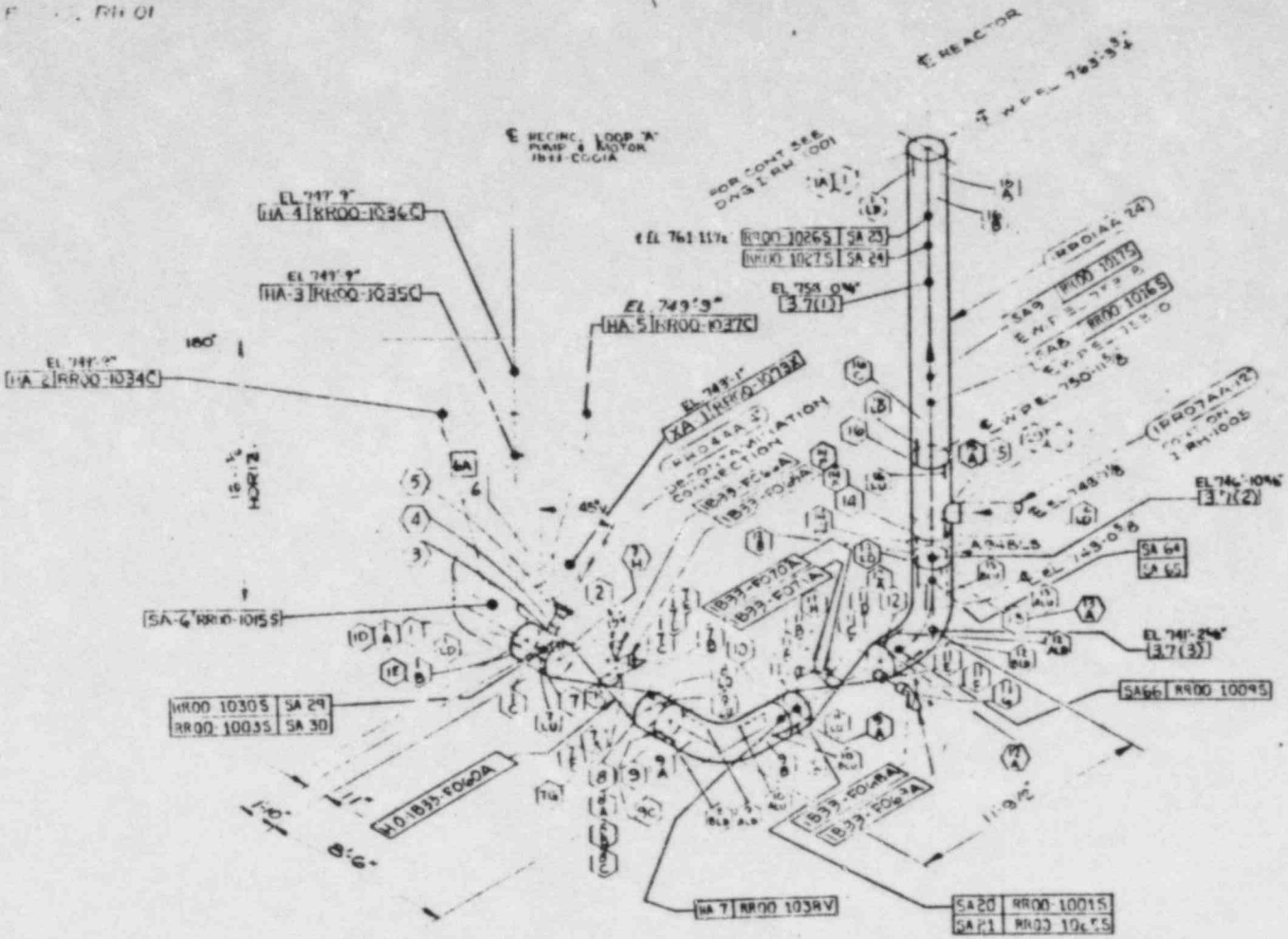
Checked [illegible] Date [illegible]

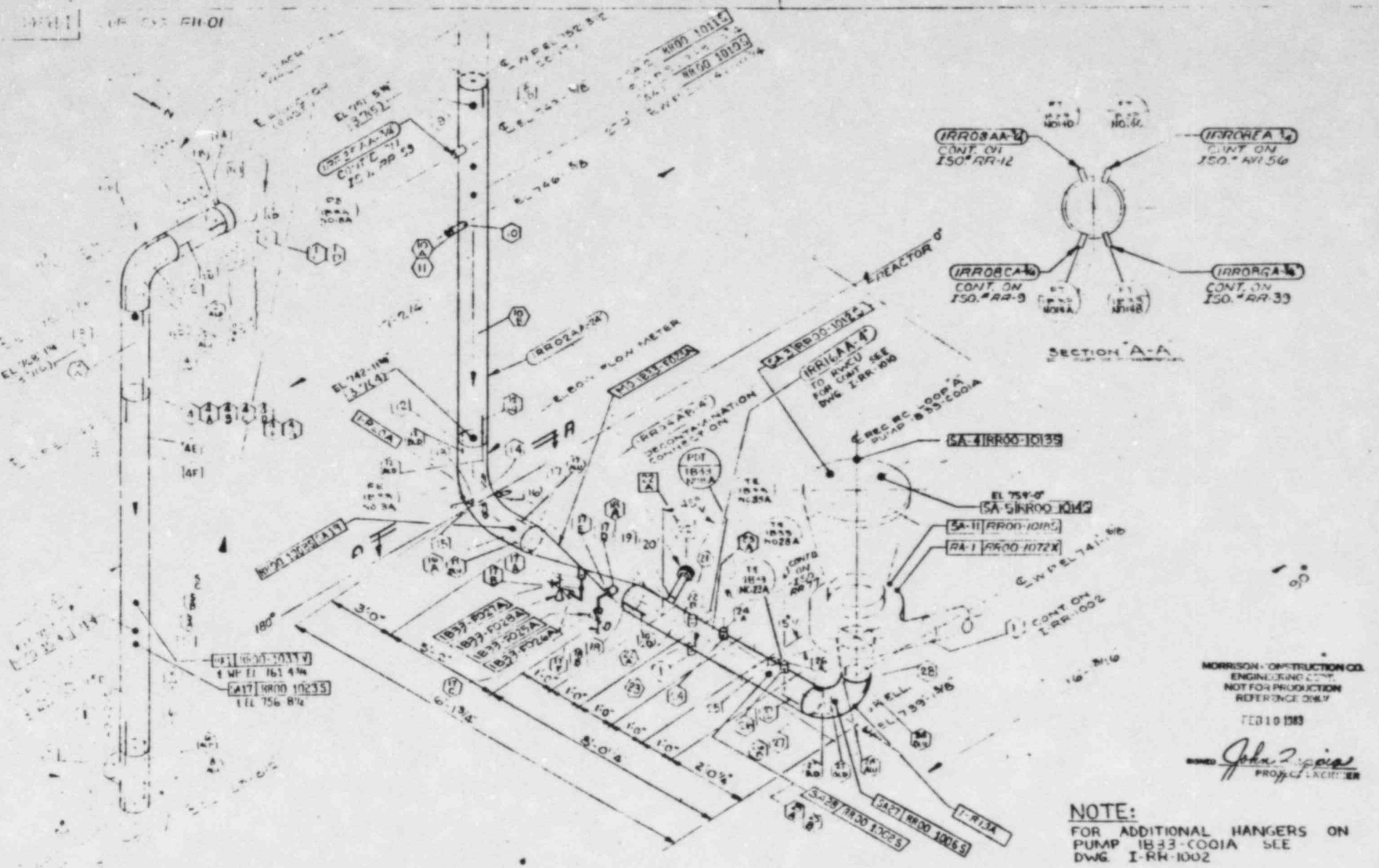
APPVD [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1
IN-SERVICE INSPECTION
REACTOR RECIRCULATION LOOP "A"

REF Dwg. Rev.

MCCO ISO #
I-RR-N-1


℄ REACTOR
℄ RECIRC. LOOP "A" PUMP & MOTOR 1B33-C001A
SEE CONT SEE DWG 1 RH-1001
EL 749'-9" HA-4 RR00-1036C
EL 749'-9" HA-3 RR00-1035C
EL 749'-9" HA-5 RR00-1037C
EL 749'-9" HA-2 RR00-1034C
EL 749'-9" HA-1 RR00-1033C
SA-6 RR00-1015S
RR00 1030S SA 29
RR00 1003S SA 30
SA 7 RR00 1038V
SA 20 RR00-1001S
SA 21 RR00 1002S
SA 64 SA 65
SA66 RR00 1009S
EL 761 11⅞
RR00-1026S SA 23
RR00 1027S SA 24
EL 758 0⅝
3.7(1)
EL 746'-10⅝
3.7(2)
EL 741'-2⅝
3.7(3)
℄ REACTOR
0°
180°
45°
HORIZ
1B33-F070A
1B33-F071A
1B33-F004A
1B33-F004B
1B33-F004C
1B33-F004D
1B33-F004A
1B33-F004A
1B33-F004A



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FEB 10 1983

SIGNED John J. Spiegel
PROJECT ENGINEER

NOTE:
FOR ADDITIONAL HANGERS ON PUMP 1B33-C001A SEE DWG. I-RR-1002

REVISIONS				
REV	Description	By	Ck	Date
C	[illegible]			[illegible]
B	[illegible]			[illegible]
A	[illegible]			[illegible]
	[illegible]			[illegible]
	[illegible]			[illegible]
D	[illegible]			[illegible]
E	[illegible]			[illegible]

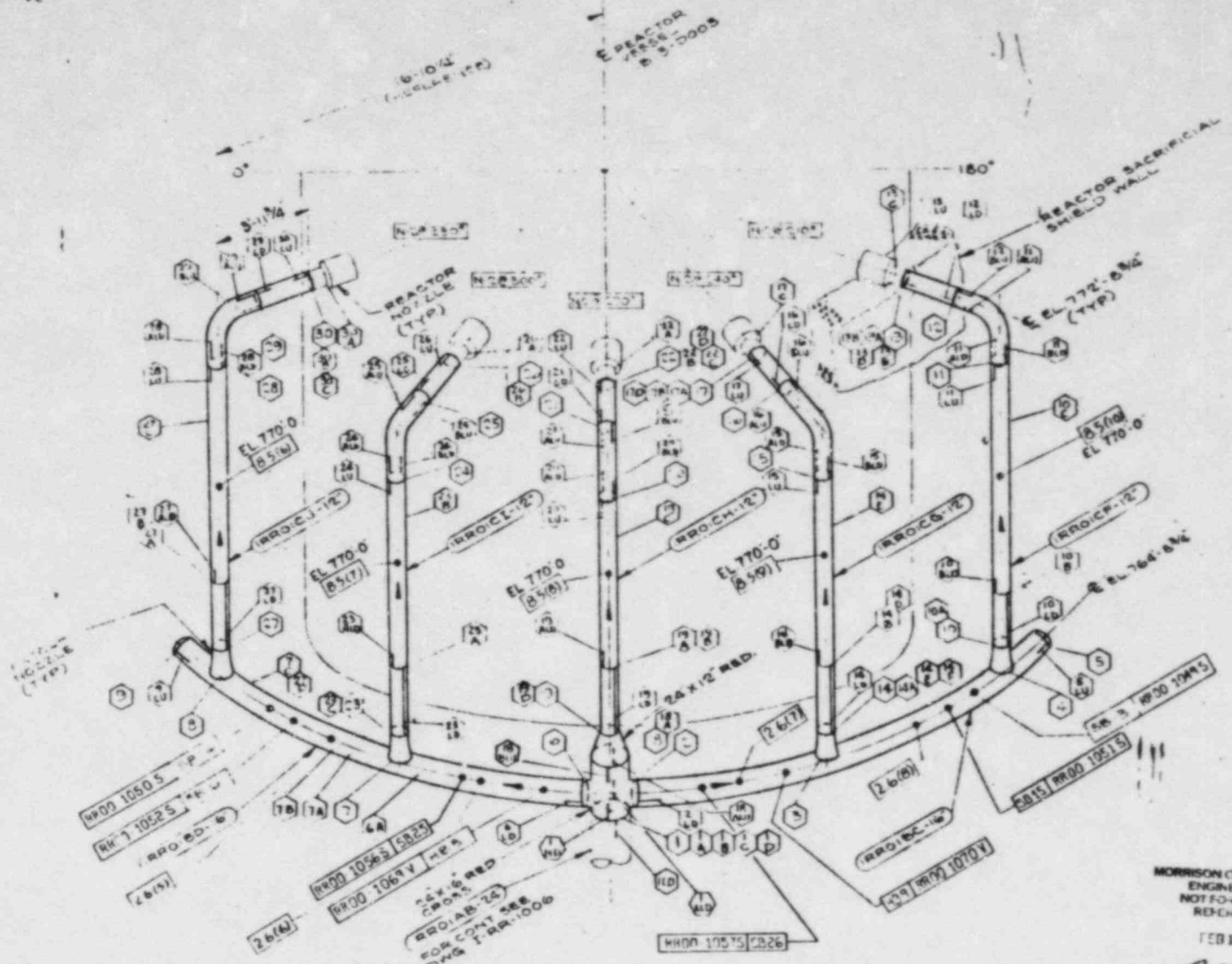
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3666 Pa 004 990 307 — Drawn — Date
Traced — Date
Approved — Date

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1
IN-SERVICE INSPECTION
REACTOR RECIRCULATION LOOP "A"

REF Dwg Nos. [illegible]

MCCO ISO # I-RR-1003



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REFERENCE ONLY
FEB 10 1983
SIGNED John Zigias
PROJECT ENGR

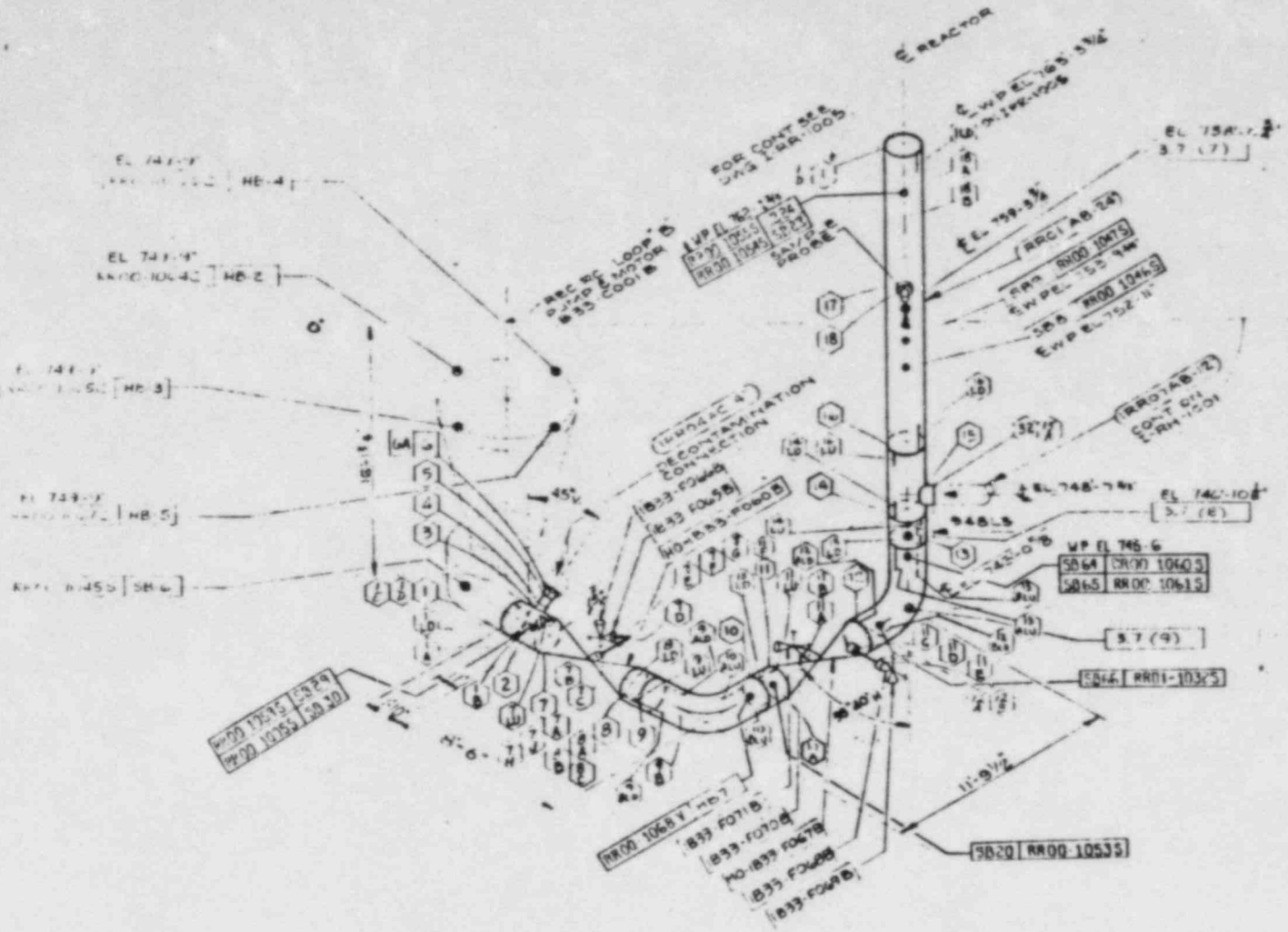
REVISIONS				
REV	Description	By	Ck	Date
0	PRELIMINARY			2 10 83
A	[illegible]			[illegible]
B	[illegible]			[illegible]
C	[illegible]			[illegible]
D	[illegible]			[illegible]
E	ADD [illegible]			[illegible]

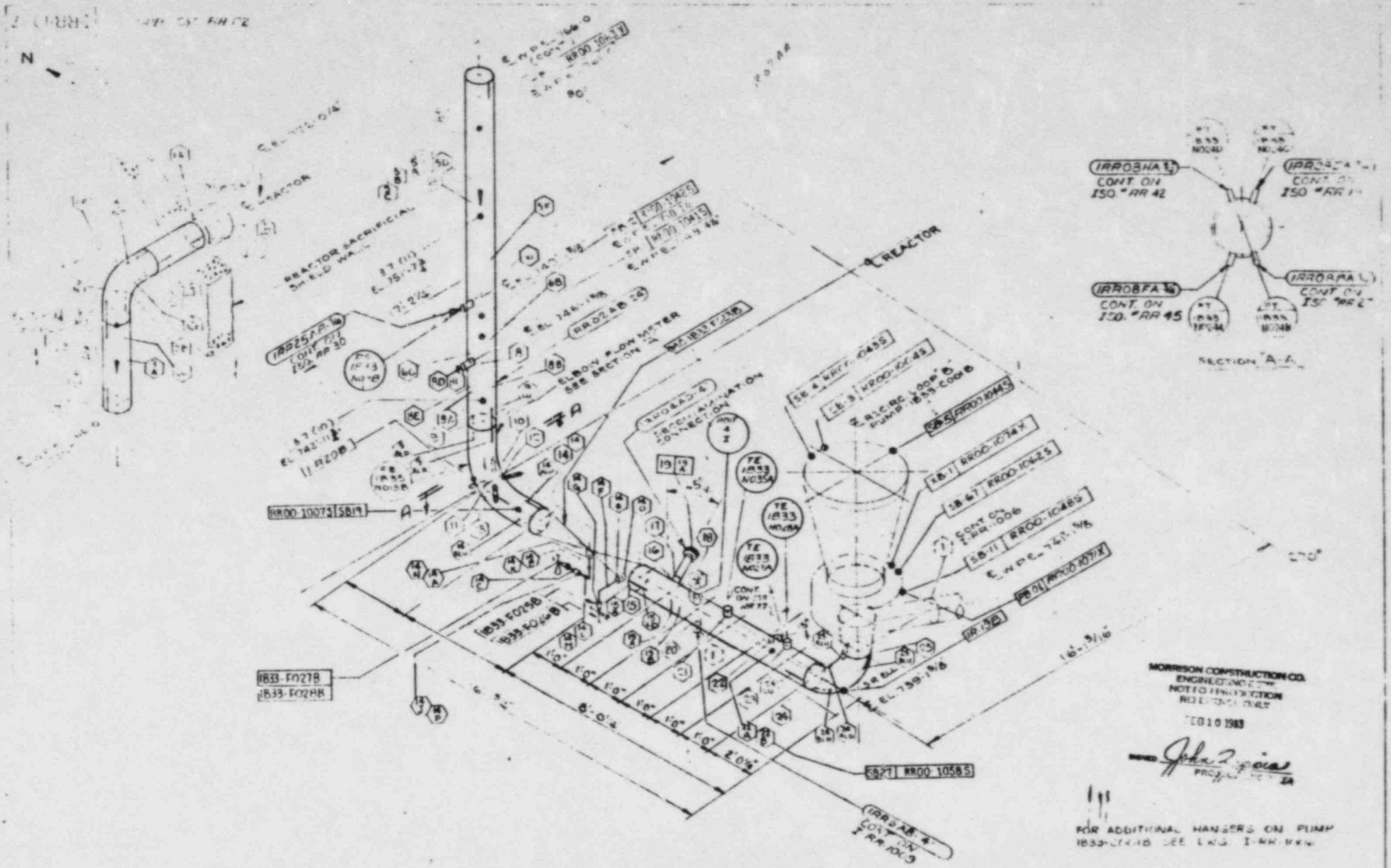
MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No 3486 Pa 984 980 307 — Drawn [illegible] — Date [illegible]
I.S.I. PIPING ON MAIN SECT 3B & — Checked [illegible] — Date [illegible]
NOZ ON RECIRC LOOP — APPVD [illegible] — Date [illegible]

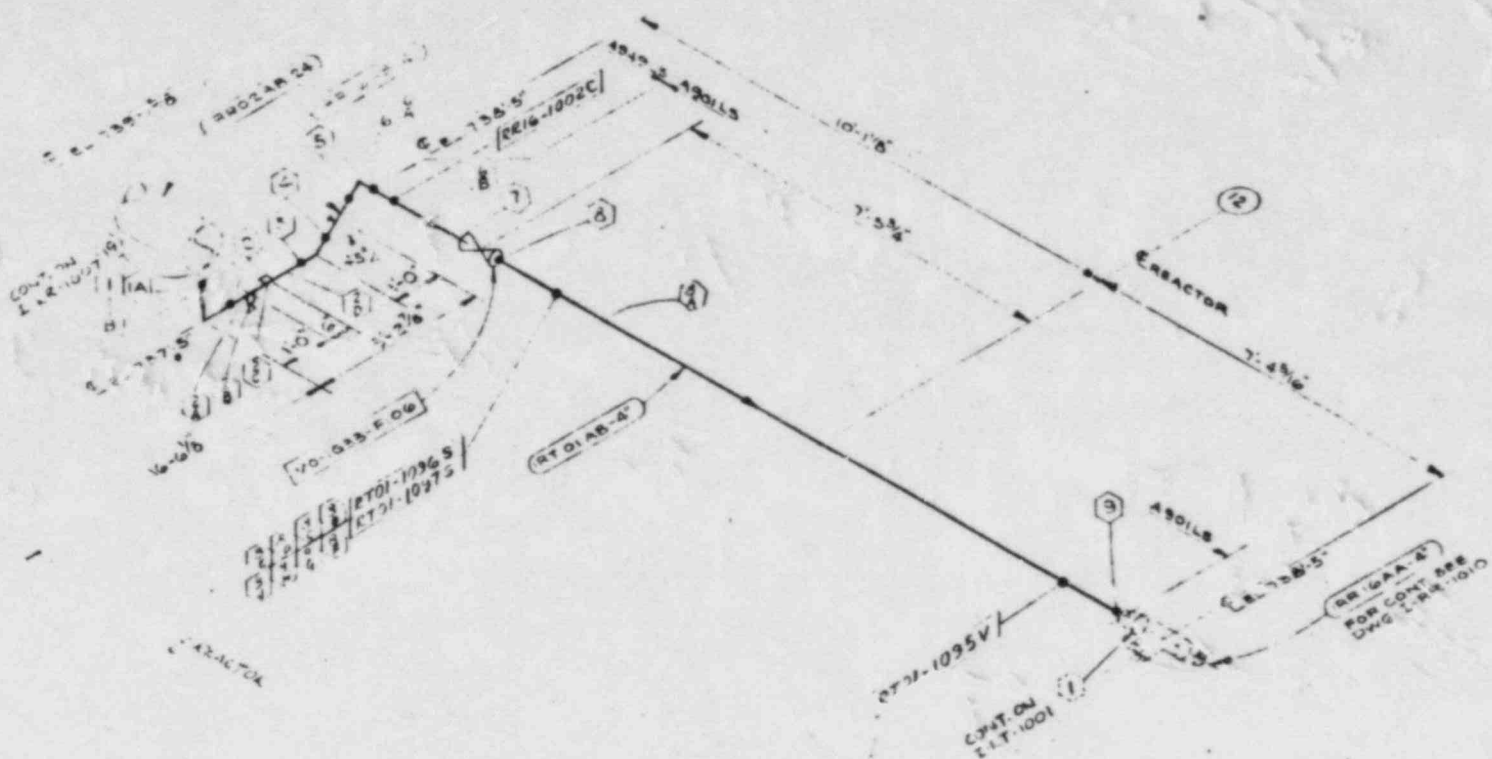
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1
INSERVICE INSPECTION
REACTOR RECIRCULATION LOOP "B"

REF Dwg No [illegible] — MCC DWG NO I-RR-1005


℄ REACTOR
180°
45°
40°
11'-9½"
SB20 RR00 10535
SB64 RR01 10405
SB65 RR00 10615
SB46 RR01-10375
3.7 (9)
3.7 (8)
3.7 (7)
WP EL 746-6
WP EL 752-3½
EL 748'-7½"
EL 746'-10½"
EL 752'-3½"
EL 752'-3"
EL 741'-9"
EL 741'-9"
EL 741'-9"
EL 741'-9"
HB-4
HB-2
HB-3
HB-5
SB-6
RRCI AB-24
RR00 10475
RR00 10465
(RR01)AB-12
CONT DIA
E-RR-1504
(RR00)AB-12
CONT DIA
E-RR-1503
(RR01)AB-12
CONT DIA
E-RR-1505
RR00 10685
B33-F070B
B33-F070A
NO-B33-F067B
B33-F068B
B33-F069B
RR00 10675
B33-F066B
B33-F066A
NO-B33-F065B
B33-F065A
RR00 10545
RR00 10555
RR00 10565
SB49
SB30
FOR CONT SEE
DWG I-RR-1005
WP EL 752-3½
RR00 10475
RR00 10465
SAME AS
PROBE
RRC RE LOOP "B"
PUMP & MOTOR
B33 COOL
(RR01)AB-12
CONT DIA
E-RR-1504
(RR00)AB-12
CONT DIA
E-RR-1503
(RR01)AB-12
CONT DIA
E-RR-1505
(RR00



REVISIONS				MORRISON CONSTRUCTION CO.	
REV	Description	By	Date	HAMMOND, INDIANA	
A				Job No. 3484 File 984.980.307	Date
B				T.R.I. BASED ON ACME SECT XI E	Date
C				APPVD TRI ON 17 IN	Date
D				COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1	
E				INSERVICE INSPECTION	
				REACTOR RECIRCULATION LOOP "B"	
				REF Dwg. Rev.	MCCO ISO # I-RR-1007



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY

FEB 10 1983

SIGNED John Zappia
PROJECT ENGINEER

REVISIONS			
REV	Description	BY	Date
0	PRELIMINARY		3 30 82
A	Was Incorrect Weld [illegible]	BS	4 30 82
B	Was Typo Was 814	BS	5 5 82
C	Was Wrong Weld Data	BS	5 11 82
D	Weld No. Was Wrong	BS	5 18 82

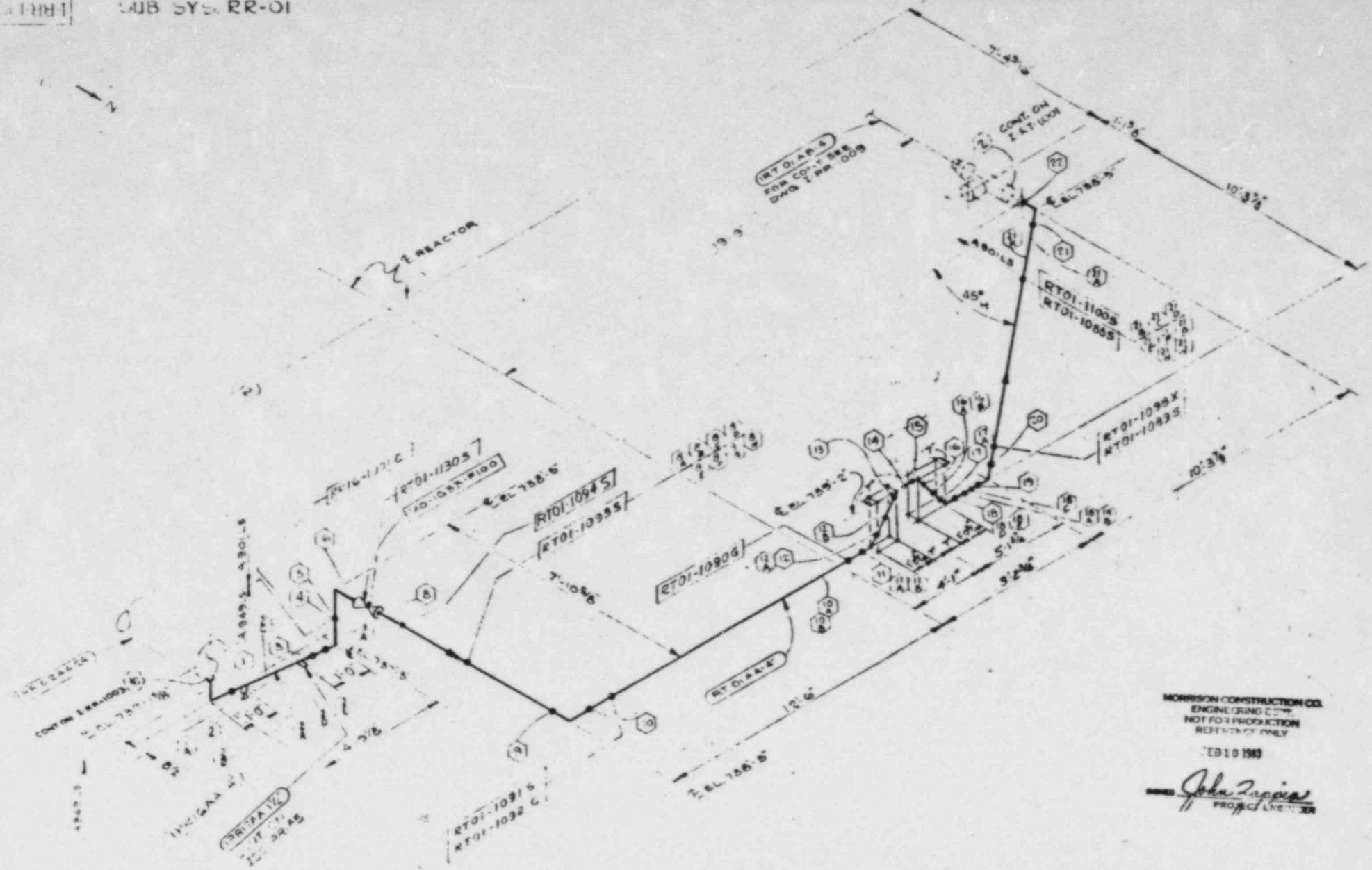
MORRISON CONSTRUCTION CO.
DIAMOND, INDIANA

Job No. 2466 Pg 997 998 307 | Drawn MRM | Date 2-4-82
Issued Per ISO Dwg. [illegible] | Checked BW | Date 2-5-82
Issued Per ISO Dwg. [illegible] | APPVD [illegible] | Date [illegible]

COMMONWEALTH EDISON CO LA SALLE COUNTY STATION UNIT 1
INSERVICE INSPECTION
REACTOR RECIRCULATION SYSTEM

REF Dwg Rev M-521-3
M-521-1 Sh 1 & M-521-2 Sh 1 | ISOMETRIC I-RR-1009

SUB SYS. RR-01



MORRISON CONSTRUCTION CO.
ENGINEERING DEPT.
NOT FOR PRODUCTION
REFERENCE ONLY
FEB 10 1983
SIGNED John Zapiec
PROJECT ENGINEER

REVISIONS			
REV	Description	By	Date
0	PER [illegible]		3-29-83
A	PER FCR 5860 AND 5877		5-27-83
B	[illegible]		[illegible]
C	[illegible]		[illegible]
D	[illegible]		[illegible]
E	[illegible]		[illegible]

MORRISON CONSTRUCTION CO.
HAMMOND, INDIANA

Job No. 3466, Pp 984 780 387 — Drawn [illegible] Date 2-9-83
ISI Part - Shop Weld Insp. Sect. XI — Checked [illegible] Date 2-17-83
Mfgr Dwg 178 & 15-8 & ERC Dwg 47/D — Approved [illegible] Date [illegible]

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1
INSERVICE INSPECTION
REACTOR RECIRCULATION SYSTEM

REF Dwg Nos. M-33, Sh. 6, Rev. 8 & M-842, Sh. 2, Rev. 8 — MCC ISO # 1-RR-1010

GENERAL ELECTRIC

APPARATUS AND ENGINEERING SERVICES • CENTRAL NUCLEAR PLANT SERVICES
GENERAL ELECTRIC COMPANY • 8157 SOUTH CASS AVENUE • DARIEN, ILLINOIS 60559 • (312) 789-5900

January 20, 1984

To Whom It May Concern:

The information on "Hydrostatic-Construction Data Sheets" (Tab 11), for LaSalle Unit 1, is maintained, on site, in Quality Assurance records by the Commonwealth Company.

Volume 4, Section 8.0, Preservice Inspection Records Index, lists applicable system hydrostatic tests numbers. Verification of original test data sheet has been performed.

Brad M Dummer

Brad M. Dummer
Preservice Inspection Project
LaSalle County Station

BMD:pds

Volume 13, Section 12.2.2

GENERAL ELECTRIC

APPARATUS AND ENGINEERING SERVICES • CENTRAL NUCLEAR PLANT SERVICES
GENERAL ELECTRIC COMPANY • 8157 SOUTH CASS AVENUE • DARIEN, ILLINOIS 60559 • (312) 789-5900

January 20, 1984

To Whom It May Concern:

The information on "Pneumatic-Construction Data Sheets" (Tab 12), for LaSalle Unit 1, is maintained, on site, in Quality Assurance records by the Commonwealth Company.

Volume 4, Section 8.0, Preservice Inspection Records Index, lists applicable system hydrostatic tests numbers. Verification of original test data sheet has been performed.

Brad M Dummer

Brad M. Dummer
Preservice Inspection Project
LaSalle County Station

BMD:pds

Volume 13, Section 12.2.3

G. E. - MOD.

CROSBY VALVE & GAGE COMPANY
43 KENDRICK STREET
WRENTHAM, MASSACHUSETTS 02093

ASME 3 & P9 CODE
SECTION III NUCLEAR

FACTORY NO. ___
CUSTOMER ___
HEAT NO. ___

Test No. MP 2559

MAGNETIC PARTICLE INSPECTION REPORT

Part Name Body Part No. N93183-33 Dwg. No. CW93174 Rev. C

Quantity 7 Material ASME SA105 Heat No. ___

Supp. 1 Rev. 5

QAI 3224 Rev. 3 Procedure No. MP 8415 Rev. 2 MPTS 22 Rev. 1

Equipment Data: Model KCH-36 Manufacturer Magnaflux Corp.

Particle Data: Type Red Dry EA Manufacturer Magnaflux Corp.

Inspector R Moran Level II Date 5/16/80

Method of Inspection	Current Amps	AC	DC	Wet	Dry	Residual	Continuous
Prods (6" Spacing)	600		✓		✓		✓

Part Serial No.	Description	Total Number Of Indications	Accepted	Rejected
0028 thru 0034	Top End Groove Dia. (Per MPTS-22 Rev. 1)	None	✓	

A-E-C
EHB
6-23-80

CROSBY
FINAL DOCUMENTATION
PART Body
CROSBY S/N N93183-33-0034
HEAT NO. I5527
VALVE S/N N63790-00-0110
TAG NO. MPL B21-F013
SUPPLIER S/N 0231e

REVIEWED & ACCEPTED
BY ACCEPTED 41 DATE MAY 20 1980

Revised 1/29/76

00049

PSI Ref. - MSV-7

G. E. - MOD.

CROSBY VALVE & GAGE COMPANY
43 KENDRICK STREET
WRENTHAM, MASSACHUSETTS 02093

ASME 3 & P9 CODE
SECTION III NUCLEAR

FACTORY NO. __
CUSTOMER ____
HEAT NO. ____

Test No. MP 3559

MAGNETIC PARTICLE INSPECTION REPORT

Part Name Body Part No. N93183-33 Dwg. No. CW93174 Rev. C

Quantity 7 Material ASME SA105 Heat No. L2030

Proc. I Rev. 5
PSI 3224 Rev. 3 Procedure No. MP 8415 Rev. 2 MPTS 22 Rev. 1

Equipment Data: Model KCH-36 Manufacturer Magnaflux Corp.

Particle Data: Type Red Dry Ed Manufacturer Magnaflux Corp.

Inspector R Mann Level II (NDT) Date 5/16/80

Method of Inspection	Current Amps	AC	DC	Wet	Dry	Residual	Continuous
Pads (6" Spacing)	600		✓		✓		✓

Part Serial No.	Description	Total Number Of Indications	Accepted	Rejected
0028 thru 0034	Top End Groove Dia. (Per MPTS-22 Rev-1)	None	✓	

G.E.
EHB
6-23-80

CROSBY
FINAL DOCUMENTATION
PART Body
CROSBY S/N N93183-33-00.31
HEAT NO. L2030
VALVE S/N N62790-00-0107
TAG NO. MPL # 321-P013
SUPPLIER S/N 0257

REVIEWED & ACCEPTED
BY ACCEPTED [illegible] MAY 20 1980 DATE

Revised 1/29/76

00048

PSI Ref.: MSV-11

10.6 HANGER & SUPPORT

Description

DG - Diesel Generator Cooling Water System

FC - Fuel Pool Cooling System

FW - Feedwater System

HP - High Pressure Core Spray System

LP - Low Pressure Core Spray System

MS - Main Steam System

PC - Primary Containment Vent & Purge System

RD - Control Rod Drive System

RI - Reactor Core Isolation Cooling System

RR - Reactor Recirculation System

VP - Primary Containment Chilled Water System

VQ - Primary Containment Vent and Purge System

WR - Reactor Building Closed Cooling Water System

NB - Nuclear Boiling System

RH - Residual Heat Removal System

VG - Standby Gas Treatment System

HG - Containment Combustible Gas System

I (84-10)

PURCHASE ORDER

(MATERIALS AND SUPPLIES)

MARK ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH

☐ FOR RESALE

☐ NOT FOR RESALE

GENERAL ELECTRIC

INSTALLATION & SERVICE ENGINEERING DIVISION

GE ORDER NUMBER	DATED	REQUIRED SHIPPING OR COMPLETION DATE	SHIP PREPAID VIA
391N0172-2	9-28-79	As Required	N/A

VENDOR

Morrison Construction Company
LaSalle County Nuclear Station
Rt., Box 217
Marseilles, IL 61341

SHIP TO

General Electric Company
LaSalle County Nuclear Station
Rt. 1, Box 240
Marseilles, IL 61341
ATT: S. Connelly

A. SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS ORDER.
B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
C. IF PURCHASE IS MADE F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED, ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.
D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A.
E. SEND 3 COPIES OF INVOICE TO ADDRESS SHOWN AT BOTTOM LEFT OF THIS FORM.

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT

Supply supervision, labor, tools, and materials as requested to support General Electric Baseline and Preservice Inspection program for Vessel Inspection amount to be charged not to exceed $12,000.00 without prior written approval. Contact Steve Connelly ext. 387, 388, 389.

SIGNED - FOR GENERAL ELECTRIC COMPANY

GE INTERNAL ACCOUNT NUMBER

VENDOR:

FORWARD ACKNOWLEDGMENT COPY (WITH PROMISED DELIVERY DATE) AND ALL INVOICES AND CORRESPONDENCE TO:

GENERAL ELECTRIC COMPANY
814 Commerce Drive, Suite 305
Oak Brook, IL 60521

FORM ISE-165 2-6-78 (10M)

1. ORIGINAL PURCHASE ORDER

PURCHASE ORDER

(MATERIALS AND SUPPLIES)

MARK ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH

☐ FOR RESALE
☐ NOT FOR RESALE

GENERAL ELECTRIC

INSTALLATION & SERVICE ENGINEERING DIVISION

GE ORDER NUMBER	DATED	REQUIRED SHIPPING OR COMPLETION DATE	SHIP PREPAID VIA
391N0172-3	3/20/80	ASAP	Best Way

VENDOR

Chem Central/Chicago
7050 West 71st Street
Chicago, IL 60608
ATT: Patricia

SHIP TO

General Electric Company
LaSalle County Nuclear Station
Route #1, Box 240
Marseilles, IL 61341
ATT: S. Conne.ly

A. SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS ORDER.
B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
C. IF PURCHASE IS MADE F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED, ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.
D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A.
E. SEND 3 COPIES OF INVOICE TO ADDRESS SHOWN AT BOTTOM LEFT OF THIS FORM.

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT
		CONFIRMING PHONE ORDER - PLEASE DO NOT DUPLICATE			
1.	55/gal. (570lbs)	Glycerine, Industral 99.5%	$.6725/lb		$383.33

MATERIAL CERTIFICATION MUST ACCOMPANY MATERIAL

SIGNED - FOR GENERAL ELECTRIC COMPANY

GE INTERNAL ACCOUNT NUMBER

VENDOR:

FORWARD ACKNOWLEDGMENT COPY (WITH PROMISED DELIVERY DATE) AND ALL INVOICES AND CORRESPONDENCE TO:

General Electric Company
1414 Commerce Drive, Suite 305
Oak Brook, IL 60521
ATT: R. Pauli

FORM ISE-165 2-6-78 (10M)

1. ORIGINAL PURCHASE ORDER

GENERAL ELECTRIC

INSTALLATION AND SERVICE ENGINEERING DIVISION

PURCHASE ORDER

VENDOR OR CONTRACTOR:
GENERAL SOLVENTS & CHEMICALS CO.
7050 West 71st. St.
Chicago, Ill. 60638
Atten: Joe Powers

GE INTERNAL ACCOUNT NUMBER (FSR): 391N0173-4
RESALE (for) X (not for)
REQUIRED SHIPPING OR COMPLETION DATE: 7-17-78
SHIP PREPAID VIA: Best Way

RENDER INVOICES IN TRIPLICATE AND MARK ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH:
GE P. O. NO. 391N0173-4
DATE 7-11-78
TERMS Net 30 Days

SHIP TO:
GENERAL ELECTRIC COMPANY
% COMMONWEALTH EDISON CO.
LASALLE COUNTY NUCLEAR STATION
7 MILES SOUTH
SENECA, ILLINOIS 61360
ATTEN: MR. LARRY WHEATLEY

FORWARD ACKNOWLEDGMENT COPY AND ALL INVOICES AND CORRESPONDENCE TO: (LEAVE BLANK IF SAME AS "SHIP TO")
GENERAL ELECTRIC CO.
814 COMMERCE DRIVE SUITE 305
OAK BROOK, ILLINOIS 60521
ATTEN: R. PAULA

MATERIAL AND/OR SUPPLIES CONFIRMING PHONE CALL - PLEASE DO NOT DUPLICATE

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT
1	10 Gals.	Glycerine Industrial 99.5%	$1.3475/Lb.		$142.74

CERTIFICATION REQUIRED PER MANUFACTURER'S PUBLISHED SPECIFICATIONS

NOTE: INVOICES INVALID WITHOUT CERTIFICATION AND SPECIFICATIONS

LABOR CLASSIFICATION	FIXED HOURLY RATE STRAIGHT TIME	PREMIUM TIME
	$	$

The Contractor shall furnish labor in the classifications and numbers as listed above to _____

and in accordance with applicable local union contracts and all safety rules and regulations in effect at the work location.

A. SUBJECT TO THE CONDITIONS ON THE FACE AND REVERSE SIDE OF THIS ORDER, AND ATTACHED SUPPLEMENTS, IF REQUIRED.
B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
C. IF PURCHASE IS MADE F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED, ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.
D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A., AND BE ACCOMPANIED BY TIME SHEETS APPROVED BY THE BUYER'S REPRESENTATIVE.

GENERAL ELECTRIC COMPANY
INSTALLATION AND SERVICE ENGINEERING DIVISION
BY _____
APPROVED BY _____
(AS REQUIRED BY DIVISION AND DEPARTMENT INSTRUCTIONS)

FORM ISE-166 6-1-77 (10M)

5. COPY OF PURCHASE ORDER

PURCHASE ORDER

(MATERIALS AND SUPPLIES)

MARK ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH

☐ FOR RESALE
☐ NOT FOR RESALE

GENERAL ELECTRIC
INSTALLATION & SERVICE ENGINEERING DIVISION

GE ORDER NUMBER	DATED	REQUIRED SHIPPING OR COMPLETION DATE	SHIP PREPAID VIA
391N0173-16	10-11-78	10-11-78	Best Way

VENDOR
CENTRAL SOLVENTS & CHEMICALS CO.
7050 WEST 71ST. ST.
CHICAGO, ILLINOIS 60638

ATTN: JOE POWERS
CONFIRMING PHONE CALL-DO NOT DUPLICATE

SHIP TO
GENERAL ELECTRIC COMPANY
COMMONWEALTH EDISON COMPANY
LASALLE COUNTY NUCLEAR STATION
7 MILES SOUTH
SENECA, ILLINOIS 61360
ATTN: JOHN DECKER

A. SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS ORDER.
B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
C. IF PURCHASE IS MADE F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED, ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.
D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A.
E. SEND 3 COPIES OF INVOICE TO ADDRESS SHOWN AT BOTTOM LEFT OF THIS FORM.

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT
1	10 Gals.	Glycerine Industrial 99.5	$1.3475/lb.		$142.84

CERTIFICATION REQUIRED PER MANUFACTURER'S PUBLISHED SPECIFICATIONS

NOTE: INVOICES INVALID WITHOUT CERTIFICATION AND SPECIFICATIONS

SIGNED - FOR GENERAL ELECTRIC COMPANY

GE INTERNAL ACCOUNT NUMBER

VENDOR:

FORWARD ACKNOWLEDGMENT COPY (WITH PROMISED DELIVERY DATE) AND ALL INVOICES AND CORRESPONDENCE TO:

GENERAL ELECTRIC COMPANY
814 COMMERCE DRIVE SUITE 305
OAK BROOK, ILLINOIS 60521
ATTN: R. PAULI

FORM ISE-165 6-30-77 (10M)

3. FILE COPY

GENERAL ELECTRIC
INSTALLATION AND SERVICE ENGINEERING DEPARTMENT

PURCHASE ORDER

VENDOR OR CONTRACTOR:
CENTRAL SOLVENTS
7050 West 71st. Street
Chicago, IL 60638
ATT: Joe Powers

GE INTERNAL ACCOUNT NUMBER (FSR): 391N0173820
RESALE (for) / (not for) X
REQUIRED SHIPPING OR COMPLETION DATE: 12-26-78
SHIP PREPAID VIA: Best Way

RENDER INVOICES IN TRIPLICATE AND MARK ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH:
GE P. O. NO. 391N0173-20
DATE 12-26-78
TERMS Net 30 Days

SHIP TO: GENERAL ELECTRIC COMPANY
LASALLE NUCLEAR POWER STATION
Route 1, Box 240
Marseilles, IL 61341

ATT: John Decker

FORWARD ACKNOWLEDGMENT COPY AND ALL INVOICES AND CORRESPONDENCE TO:
(LEAVE BLANK IF SAME AS "SHIP TO")
GENERAL ELCTRIC COMPANY
814 Commerce Dr., Suite 305
Oak Brook, IL 60521
ATT: R. Pauli

MATERIAL AND/OR SUPPLIES CONFIRMING PHONE ORDER - DO NOT DUPLICATE

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT
1	10 gals	Glycerine 99.9%	$1.34/lb		$142.84

CERTIFICATION REQUIRED PER MANUFACTURER'S PUBLISHED SPECIFICATIONS.

NUCLEAR PURC. APPROVAL
M. Jones 11/13/79

LABOR CLASSIFICATION — FIXED HOURLY RATE (REGIONAL)

	STRAIGHT TIME	PREMIUM TIME
	$	$

The Contractor shall furnish labor in the classifications and numbers as listed above to _____

and in accordance with applicable local union contracts and all safety rules and regulations in effect at the work location.

A. SUBJECT TO THE CONDITIONS ON THE FACE AND REVERSE SIDE OF THIS ORDER, AND ATTACHED SUPPLEMENTS, IF REQUIRED.
B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
C. IF PURCHASE IS MADE F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED, ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.
D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A., AND BE ACCOMPANIED BY TIME SHEETS APPROVED BY THE BUYER'S REPRESENTATIVE.

GENERAL ELECTRIC COMPANY
INSTALLATION AND SERVICE ENGINEERING DEPARTMENT
BY _____
APPROVED BY _____
(AS REQUIRED BY DEPARTMENT AND REGION INSTRUCTIONS)

FORM ISE-166 12-29-72 (7.5M)

3. COPY OF PURCHASE ORDER

GENERAL ELECTRIC
INSTALLATION AND SERVICE ENGINEERING DIVISION

PURCHASE ORDER

VENDOR OR CONTRACTOR:
McMaster - Carr Supply Company
600 County Line Road
Elmhurst, Illinois 60126

GE INTERNAL ACCOUNT NUMBER (FSR):

RESALE (for)_____ (not for)_____

REQUIRED SHIPPING OR COMPLETION DATE: asap

SHIP PREPAID VIA:

RENDER INVOICES IN TRIPLICATE AND MARK ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH:

GE P. O. NO. 391N0173-23

DATE 2/23/79

TERMS

SHIP TO: GENERAL ELECTRIC COMPANY
INSERVICE INSPECTION"
% COMMONWEALTH EDISON COMPANY
LASALLE COUNTY NUCLEAR STATION
7 MILES SOUTH
SENECA, ILLINOIS 61360

FORWARD ACKNOWLEDGMENT COPY AND ALL INVOICES AND CORRESPONDENCE TO:
(LEAVE BLANK IF SAME AS "SHIP TO")

GENERAL ELECTRIC COMPANY
814 Commerce Drive, Suite 305
Oak Brook, Illinois 60521
Attn: R. A. Pauli, Suite 305

MATERIAL AND/OR SUPPLIES — CONFIRMING ORDER - DO NOT DUPLICATE

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT
~~XXXXXX~~	6	Bi Metal Surface Thermometers @ $14.12 each No. 3932K11			

LABOR CLASSIFICATION

	FIXED HOURLY RATE STRAIGHT TIME	PREMIUM TIME
	$	$

The Contractor shall furnish labor in the classifications and numbers as listed above to_____

and in accordance with applicable local union contracts and all safety rules and regulations in effect at the work location.

A. SUBJECT TO THE CONDITIONS ON THE FACE AND REVERSE SIDE OF THIS ORDER, AND ATTACHED SUPPLEMENTS, IF REQUIRED.
B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
C. IF PURCHASE IS MADE F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED, ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.
D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A., AND BE ACCOMPANIED BY TIME SHEETS APPROVED BY THE BUYER'S REPRESENTATIVE

GENERAL ELECTRIC COMPANY
INSTALLATION AND SERVICE ENGINEERING DIVISION

BY_____

APPROVED BY_____

(AS REQUIRED BY DIVISION AND DEPARTMENT INSTRUCTIONS)

FORM ISE-166 6-1-77 (10M)

5. COPY OF PURCHASE ORDER

PURCHASE ORDER

(MATERIALS AND SUPPLIES)

MARK ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH

☐ FOR RESALE
☐ NOT FOR RESALE

GENERAL ELECTRIC

INSTALLATION & SERVICE ENGINEERING DIVISION

GE ORDER NUMBER	DATED	REQUIRED SHIPPING OR COMPLETION DATE	SHIP PREPAID VIA
391N0173-25	3-20-79	ASP	Best Way

VENDOR

CENTRAL Solvents & Chemicals Co.
7050 West 71st. St.
BEDFORD PK
IL 60638
ATT: Joe Powers

SHIP TO

General Electric Company
LaSalle County Nuclear Power Plant
Route 1, Box 240
Marseilles, IL 61341
ATT: S. Connelly

A. SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS ORDER.
B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
C. IF PURCHASE IS MADE F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED, ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.
D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A.
E. SEND 3 COPIES OF INVOICE TO ADDRESS SHOWN AT BOTTOM LEFT OF THIS FORM.

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT
		CONFIRMING PHONE ORDER - PLEASE DO NOT DUPLICATE			
1	20 Gals.	Glycerine Industrial 99.5%	$1.3475/Lb.		$285.68
		CERTIFICATE OF COMPLIANCE TO ASTM-D1257			

NUCLEAR QA
PURCHASE
APPROVAL

[signature] 3-26-79
REGION QA DATE

SIGNED - FOR GENERAL ELECTRIC COMPANY

[signature]

GE INTERNAL ACCOUNT NUMBER

391N0173-25

VENDOR:

FORWARD ACKNOWLEDGMENT COPY (WITH PROMISED DELIVERY DATE) AND ALL INVOICES AND CORRESPONDENCE TO:

General Electric Company
[illegible] Commerce Drive, Suite 305
Oak Brook, IL 60521
ATT: D. Pauli

FORM ISE-165 6-30-77 (10M)

3. FILE COPY

PURCHASE ORDER

~~(MATERIALS AND SUPPLIES)~~

MARK ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH

☒ FOR RESALE
☐ NOT FOR RESALE

GENERAL ELECTRIC

INSTALLATION & SERVICE ENGINEERING DIVISION

GE ORDER NUMBER	DATED	REQUIRED SHIPPING OR COMPLETION DATE	SHIP PREPAID VIA
391N0173-31	4-11-79	ASP	Best Way

VENDOR
McMaster-Carr Supply Company
P.O. Box 4355
Chicago, IL 60680
ATT: S. Flesch

SHIP TO
General Electric Company
LaSalle County Nuclear Power Plant
Route 1, Box 240
Marseilles, IL 61341
ATT: S. Connelly

A. SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS ORDER.
B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
C. IF PURCHASE IS MADE F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED, ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.
D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A.
E. SEND 3 COPIES OF INVOICE TO ADDRESS SHOWN AT BOTTOM LEFT OF THIS FORM.

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT
		CONFIRMING PHONE ORDER - PLEASE DO NOT DUPLICATE			
1	48	#1026T27 size "D" Batteries	.579		$27.36
2	10	#3982K11 Bi-Metal Surface Thermometers	$14.120		$141.20

SIGNED - FOR GENERAL ELECTRIC COMPANY

GE INTERNAL ACCOUNT NUMBER
391N0173-31

VENDOR:

FORWARD ACKNOWLEDGMENT COPY (WITH PROMISED DELIVERY DATE) AND ALL INVOICES AND CORRESPONDENCE TO:
General Electric Company
[illegible]4 Commerce Drive, Suite 305
Oak Brook, IL 60521
ATT: R. Paull

FORM ISE-165 6-30-77 (10M)

4. EXTRA COPY

GENERAL ELECTRIC
INSTALLATION AND SERVICE ENGINEERING DIVISION

PURCHASE ORDER

VENDOR OR CONTRACTOR:
Trans-Eastern Inspection Inc.
P. O. Box 534
Washington, PA 15301
Attn: Mr. Lynn Shepard

GE INTERNAL ACCOUNT NUMBER (FSR):

RESALE (for)____ (not for) X

REQUIRED SHIPPING OR COMPLETION DATE: approx. 6/1/79

SHIP PREPAID VIA: N/A

RENDER INVOICES IN TRIPLICATE AND MARK ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH:

GE P. O. NO. 391N0173-P932

DATE April 25, 1979

TERMS

SHIP TO:
General Electric Company
c/o LaSalle County Nuclear Station
Rte. 1, Box 240
Marseilles, IL 61341

FORWARD ACKNOWLEDGMENT COPY AND ALL INVOICES AND CORRESPONDENCE TO:
(LEAVE BLANK IF SAME AS "SHIP TO")

GENERAL ELECTRIC COMPANY
814 Commerce Drive, Suite 305
Oak Brook, IL 60521
Attn: N. R. Casey

MATERIAL AND/OR SUPPLIES

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT

1. Provide Nondestructive Examination Services at the LaSalle County Station, Seneca, IL, starting April 16, 1979. Personnel shall consist of three (3) Level II UT, PT and three (3) Level I UT with Level II PT Certifications.
2. All personnel shall be certified in accordance with SNT-TC-1A, June, 1975 edition.
3. Rate schedule as follows:

	ST	OT
Level II UT, PT	$28.50	$42.75
Level I UT, PT	24.00	36.00

4. Travel and Living

Travel and hotel accomodations shall be billed at cost as substantiated by receipts. A per diem of ($18.00/day) shall be paid per man for meals and other personal expenses.

NK 4/25/79

LABOR CLASSIFICATION	FIXED HOURLY RATE STRAIGHT TIME	PREMIUM TIME
	$	$

The Contractor shall furnish labor in the classifications and numbers as listed above to_____

and in accordance with applicable local union contracts and all safety rules and regulations in effect at the work location.

A. SUBJECT TO THE CONDITIONS ON THE FACE AND REVERSE SIDE OF THIS ORDER, AND ATTACHED SUPPLEMENTS, IF REQUIRED.
B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
C. IF PURCHASE IS MADE F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED, ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.
D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A., AND BE ACCOMPANIED BY TIME SHEETS APPROVED BY THE BUYER'S REPRESENTATIVE.

GENERAL ELECTRIC COMPANY
INSTALLATION AND SERVICE ENGINEERING DIVISION

BY _____

APPROVED BY N. R. Casey

(AS REQUIRED BY DIVISION AND DEPARTMENT INSTRUCTIONS)

FORM ISE-166 6-1-77 (10M)

3. COPY OF PURCHASE ORDER

GENERAL ELECTRIC
INSTALLATION AND SERVICE ENGINEERING DIVISION

PURCHASE ORDER

VENDOR OR CONTRACTOR:
NDT SERVICES, INC.
906 South Main Street
Plymouth, Michigan 48170
ATTN: R. L. Rodriguez

GE INTERNAL ACCOUNT NUMBER (FSR): 391N0173-35
RESALE (for)_____(not for)_____
REQUIRED SHIPPING OR COMPLETION DATE: approx. 6/1/79
SHIP PREPAID VIA: N/A

RENDER INVOICES IN TRIPLICATE AND MARK ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH:
GE P. O. NO. 391N0173-35
DATE April 16, 1979
TERMS_____

SHIP TO:
General Electric Company
c/o LaSalle County Station
Rte. 1, Box 240
Marseilles, IL 61341

FORWARD ACKNOWLEDGMENT COPY AND ALL INVOICES AND CORRESPONDENCE TO: (LEAVE BLANK IF SAME AS "SHIP TO")
General Electric Company
814 Commerce Drive, Suite 305
Oak Brook, IL 60521
ATTN: N. R. Casey

MATERIAL AND/OR SUPPLIES

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT
1.		Provide Nondestructive Examination Services at the LaSalle County Nuclear Station as requested for the Preservice Inspection Project. Initial personnel shall consist of three (3) Level II, UT, PT and three (3) Level I UT and preferably with Level II PT Certifications.			
2.		All personnel shall be certified in accordance with SNT-TC-1A, June, 1975 edition.			
3.		Provide UT instruments as requested with current certification papers at the rate of $250 per month, including thansducers, shoes, and leads as required.			
4.		Rate schedule as follows:			

NUCLEAR QA
PURCHASE
APPROVAL

LABOR CLASSIFICATION	FIXED HOURLY RATE STRAIGHT TIME	PREMIUM TIME
Level II UT, PT	$ 23.00	$ 34.50
Level I UT, PT	18.00	27.00

REGION QA 5-8-79

5. Travel and living expenses shall be billed at cost as substantiated by receipts. A per diem of $18.00 per day, and personal car mileage of $0.25/mile shall be paid. Personnel car mileage not to exceed normal air and ground transportation costs for reporting to the job and returning to the home office.

The Contractor shall furnish labor in the classifications and numbers as listed above to_____

and in accordance with applicable local union contracts and all safety rules and regulations in effect at the work location.

A. SUBJECT TO THE CONDITIONS ON THE FACE AND REVERSE SIDE OF THIS ORDER, AND ATTACHED SUPPLEMENTS, IF REQUIRED.
B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
C. IF PURCHASE IS MADE F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED, ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.
D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A., AND BE ACCOMPANIED BY TIME SHEETS APPROVED BY THE BUYER'S REPRESENTATIVE.

GENERAL ELECTRIC COMPANY
INSTALLATION AND SERVICE ENGINEERING DIVISION
BY_____
APPROVED BY_____
(AS REQUIRED BY DIVISION AND DEPARTMENT INSTRUCTIONS)

FORM ISE-166 6-1-77 (10M)

5. COPY OF PURCHASE ORDER

GENERAL ELECTRIC

INSTALLATION AND SERVICE ENGINEERING DIVISION

PURCHASE ORDER

VENDOR OR CONTRACTOR:
Omega Technical Corporation
120 East Ogden Avenue
Hinsdale, IL 60521

ATTN: George Kadar, Jr.

GE INTERNAL ACCOUNT NUMBER (FSR): 391N0173-39

RESALE (for)____ (not for) X

REQUIRED SHIPPING OR COMPLETION DATE:____

SHIP PREPAID VIA:____

RENDER INVOICES IN TRIPLICATE AND MARK ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH:

GE P. O. NO. 391N0173-39

DATE 6/27/79

TERMS____

SHIP TO:
General Electric Company
814 Commerce Drive
Oak Brook, IL 60521
ATTN: Jim Burner

FORWARD ACKNOWLEDGMENT COPY AND ALL INVOICES AND CORRESPONDENCE TO: (LEAVE BLANK IF SAME AS "SHIP TO")
General Electric Company
814 Commerce Drive
Oak Brook, IL 60521
ATTN: Jim Burner

MATERIAL AND/OR SUPPLIES

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT

PROVIDE TECHNICAL SERVICES AS REQUESTED TO SUPPORT INSERVICE INSPECTION SOFTWARE REQUIREMENTS FOR LaSALLE UNITS I AND II.

TECHNICAL SERVICES SHALL NOT EXCEED $2,000.00. NO OVERTIME SHALL BE AUTHORIZED WITHOUT SPECIFIC WRITTEN APPROVAL FROM THE GENERAL ELECTRIC COMPANY

LABOR CLASSIFICATION	FIXED HOURLY RATE STRAIGHT TIME	PREMIUM TIME
	$____	$____

The Contractor shall furnish labor in the classifications and numbers as listed above to____

and in accordance with applicable local union contracts and all safety rules and regulations in effect at the work location.

A. SUBJECT TO THE CONDITIONS ON THE FACE AND REVERSE SIDE OF THIS ORDER, AND ATTACHED SUPPLEMENTS, IF REQUIRED.
B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
C. IF PURCHASE IS MADE F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED, ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.
D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A., AND BE ACCOMPANIED BY TIME SHEETS APPROVED BY THE BUYER'S REPRESENTATIVE.

GENERAL ELECTRIC COMPANY
INSTALLATION AND SERVICE ENGINEERING DIVISION

BY____

APPROVED BY____

(AS REQUIRED BY DIVISION AND DEPARTMENT INSTRUCTIONS)

FORM ISE-166 6-1-71 (10M)

5. COPY OF PURCHASE ORDER

PURCHASE ORDER

(MATERIALS AND SUPPLIES)

☒ FOR RESALE
☐ NOT FOR RESALE

GENERAL ELECTRIC

INSTALLATION & SERVICE ENGINEERING DIVISION

MAIL ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH

GE ORDER NUMBER	DATED	REQUIRED SHIPPING OR COMPLETION DATE	SHIP PREPAID VIA
391N0173-41-2	5/29/80	ASAP	Best Way

VENDOR

Morrison Construction Company
Rte 1, Box 217
Marseilles, Illinois 61341
Attention: Jim Stewart

SHIP TO

N/A

A. SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS ORDER.
B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
C. IF PURCHASE IS F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED. ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.
D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A.
E. SEND 3 COPIES OF INVOICE TO ADDRESS SHOWN AT BOTTOM LEFT OF THIS FORM.

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT
1		SUPPLY ALL SUPERVISION, LABOR, TOOLS, MATERIALS, ETC., TO REMOVE SUPPORTS FROM MS LINES AND REINSTALL AFTER BASELINE/PRESERVICE INSPECTION IS COMPLETED AS DIRECTED BY GENERAL ELECTRIC AND COMMONWEALTH EDISON.			
		NOT TO EXCEED $2,000.00 WITHOUT PRIOR WRITTEN APPROVAL.			
		REFERENCE: MCCO WORK ORDER #FX 723 ESTABLISHED 5/29/80			

SIGNED - FOR GENERAL ELECTRIC COMPANY

J.R. Casey

GE INTERNAL ACCOUNT NUMBER

VENDOR:

FORWARD ACKNOWLEDGMENT COPY (WITH PROMISED DELIVERY DATE) AND ALL INVOICES AND CORRESPONDENCE TO:

General Electric Company
814 Commerce Drive, Suite 305
Oak Brook, Illinos 60521
Attention: Mr. R. Pauli

FORM ISE-165 [illegible] (10M)

1. ORIGINAL PURCHASE ORDER

PURCHASE ORDER

(MATERIALS AND SUPPLIES)

MARK ALL PACKAGES, DOCUMENTS AND CORRESPONDENCE WITH

☐ FOR RESALE

☒ NOT FOR RESALE

GENERAL ELECTRIC

INSTALLATION & SERVICE ENGINEERING DIVISION

GE ORDER NUMBER	DATED	REQUIRED SHIPPING OR COMPLETION DATE	SHIP PREPAID VIA
391N0173-49	7/30/80	4 days after receipt of material	Best Way

VENDOR

Omega Technical Corporation
120 East Ogden Avenue, Suite 202
Hinsdale, Illinois 60521
Attn: Mr. George Kadar

SHIP TO

General Electric Company
814 Commerce Drive, Suite 305
Oak Brook, Illinois 60521
Attn: Mr. R. Pauli

A. SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS ORDER.

B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.

C. IF PURCHASE IS MADE F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED, ADD TRANSPORTATION CHARGES TO INVOICE AND ATTACH RECEIPTED BILL.

D. EACH INVOICE MUST CONTAIN CERTIFICATION OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED INCLUDING SECTION 12A.

E. SEND 3 COPIES OF INVOICE TO ADDRESS SHOWN AT BOTTOM LEFT OF THIS FORM.

ITEM	QTY.	DESCRIPTION	UNIT PRICE	DISCOUNT	AMOUNT

SUPPLY COPYING AND COLLATING SERVICES FOR THE LA SALLE COUNTY STATION UNIT 1 PRESERVICE INSPECTION REPORT.

MATERIAL TO BE COPIED CONSISTS OF APPROXIMATELY 10,000 8½ x 11 ORIGINALS, OF WHICH 100 WILL REQUIRE DOUBLE-SIDED COPYING.

OMEGA TECHNICAL TO SUPPLY FIVE (5) COPIES EACH (20 LB. BOND PAPER), COLLATE, THREE-HOLE PUNCH AND ASSEMBLE INTO FINAL FORM USING BINDERS AND TABS FURNISHED BY GENERAL ELECTRIC COMPANY.

APPROXIMATE PRICE OF $2,990.00 BASED ON 50,000 COPIES AT $0.056 PER COPY.

FOR ADDITIONAL INFORMATION, PLEASE CONTACT MR. R. C. HOOPER (312) 986-3343

SIGNED - FOR GENERAL ELECTRIC COMPANY

GE INTERNAL ACCOUNT NUMBER
084-002-004

VENDOR:

FORWARD ACKNOWLEDGMENT COPY (WITH PROMISED DELIVERY DATE) AND ALL INVOICES AND CORRESPONDENCE TO:

General Electric Company
814 Commerce Drive, Suite 305
Oak Brook, Illinois 60521
Attn: Mr. R. Pauli

FORM ISE-165 9-1-79 (20M)

5 EXTRA COPY

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

October 26, 1979

TO: William Kozik
Manager Q.A.

SUBJECT: Documentation Check List

Dear Bill:

Enclosed is the proposed Documentation Check List for the LaSalle I and II Preservice Inspection. In accordance with subsection 17.2 of the Central Region Inservice Inspection Quality Assurance Manual please review and approve.

S.D. Connelly
NDE Supervisor

LASALLE PRESERVICE INSPECTION - UNIT I AND II

DOCUMENTATION CHECKLIST

CLASSIFICATION	TYPE OF RECORDS
1.0	CALIBRATION STANDARDS
2.0	NDE PERSONNEL QUALIFICATIONS
3.0	NDE PROCEDURES
4.0	NDE DATA SHEETS
5.0	REPORTABLE INDICATIONS
6.0	MATERIALS
7.0	DOCUMENTATION RECRODS
8.0	CORRESPONDENCE
9.0	DRAWINGS
10.0	AUDITS

APPROVAL: William Kozik 10/29/79

Manager Q.A. Date

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

May 25, 1979

Mr. Willian Kozik
Manager, QA
Central Region Engineering

SUBJECT: Document Distribution List For LaSalle Preservice Inspection.

Dear Bill,

Listed below is the Document Distribution List for the LaSalle Preservice Inspection. In accordance with paragraph 6.6 of the Central Region Inservice Inspection Quality Assurance Manual, please review and approve.

Document	NDE Super	UT Level II Examiner	UT Level I Examiner	PT Examiner
Manual NDE Procedures	X	X	X	X
QC-001	X			
QC-002	X	X	X	
QC-003	X			
Approved Personnel List	X			
Approved Calibration Standards	X			
Instrument Calibration Log	X			
Approved Transducer List	X			
Inspection Checklist	X			
Inspection Checklist Correlation	X			
Isometric Drawings	X	X	X	X

L W Wheatley — L.W. Wheatley, Project QC Supervisor

William Kozik — Approval of QA Manager

5/30/79 — Date

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND SERVICE ENGINEERING DIVISION

PRINTED NAME	INITIAL	SIGNATURE	DATE
JACOB L. BRIGGS	J.L.	Jacob L. Briggs	3/10/80
JAMES E. CRAIG		James E. Craig	3/11/80
IDA M. OLROYD	I.M.O.	Ida M. Olroyd	3/24/80
FLORENTINO F. ABRIGO, JR.	F.F.A.	Florentino F. Abrigo, Jr.	5-5-80
RAYMOND M FERRY	R.M.F.	Raymond M Ferry	5-26-80
MICHAEL D. PATCH	MDP	Michael D. Patch	5/23/80
David N. Bryant	DNB	David N. Bryant	5/27/80
FRANK W FIELD	F.W.F.	Frank W. Field	6-4-80
Lester E. Stauffer	L.E.S.	Lester E Stauffer	6-30-80
AL GREEN	A.G.	Al Green	8-6-80
R.E. TURPIN	REL	Robert E. Turpin	9-23-80
PAUL R DAUSE	PRD	Paul R Dause	12/16/80
R.E. TURPIN	RES	Robert E. Turpin	11/27/81
THANG M. LE	TML	Thang M Le	1/27/81
A.W. Clay	AC	A.W. Clay	1/27/81
DARRELL C FLYNN	DCF	Darrell C Flynn	9/23/82
JAMES E. OLIN	JEO	James E. Olin	1-24-83
Bobby L Newell	BLN	Bobby L Newell	2-8-83
MARK C. SODEMANN	MCS	Mark C. Sodemann	4-6-83
BRAD M DUMMER	BD	Brad M Dummer	7-26-83
Charles H. Pinkelton	CP	Charles H. Pinkelton	7/27/83
JOHN R STERCZYNSKI	JRS	John R Sterczynski	7/27/83
Michael R. Bonsi / MIKE E. GORDOS	M.R.B.	Michael R. Bonsi	8/16/83
Frank W. Field / FRANK W FIELD	F.W.F.	Frank W. Field	8/16/83
K. K. CHERIAN	KKC	Chairman MS	11-28-83
Michael E. Freese	M.E.F.	Michael E. Freese	12-12-83

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND SERVICE ENGINEERING DIVISION

PRINTED NAME	INITIAL	SIGNATURE	DATE
PHILIP J. LEIGH		Philip J. Leigh	10/25/79
THOMAS H. BRYAN	THB.	Thomas H. Bryan	10/25/79
Paul R Ramsey	PRR	Paul R. Ramsey	10/26/79
Roy G Bridges	RGB	Roy G. Bridges	10-26-79
Edward Bahe	EEB	Edward Bahe	11-2-79
EDWARD LAKE JR.			
CECIL A. HOMLER	cah	Cecil A. Homler	11-2-79
Wilbur M Mason	wmm	Wilbur M. Mason III	11/8/79
ROBERT V. CLARKE	RVC	Robert V. Clarke	11/13/79
[illegible]	[illegible]	[illegible]	[illegible]
DAVID L. CARLSON	DLC	David L. Carlson	11-14-79
Roy L. Hodge	RLH	Roy L. Hodge	11-30-79
RICK A. PIETZAK	R.A.P.	Rick A. Pietzak	1-3-80
LARRY M. FREDERICK	L.M.F.	Larry M. Frederick	1-3-80
Tom J. Dykes	T.J.D.	Thomas J. Dykes	1-3-80
Brian Shields	BS.	Brian Shields	1-4-80
ROBERT WOHLGEMUTH	RW	Robert Wohlgemuth	1-4-80
TOM DALY	TD	Tom S. Daly	1/7/80
ROD SWANSON	R.B.S.	Rod Swanson	1-7-80
TONY MONDRAGON	A.R.M.	[illegible]	2-8-80
JIM TRANCHINA	J.R.T.	[illegible]	2/27/80

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND SERVICE ENGINEERING DIVISION

PRINTED NAME	INITIAL	SIGNATURE	DATE
Louis J. Holcombe	LH	Louis J. Holcombe	5/14/79
STEPHEN M HERMAN	SMH	[illegible]	5/14/79
Jimmy T. Sheldon	JS	Jimmy T. Sheldon	5/14/79
Richard L Cram	RC	Richard L Cram	5/14/79
M.C. Mecklenburg	MCM	M.C. Mecklenburg	5/ /79
Charles Hill	CH	Charles Hill	6/ /79
ROBERT W. AUSTIN	R.W.A.	Robert W. Austin	6/25/79
SAM VOLK	S.V.	Sam Volk	9/4/79
JOHN CANAAN	JC	J. Canaan	9/11/79
PHIL GRAVES	PJG	Philip J. Graves	9/13/79
JEFF KLOPOTIC	JMK	Jeffrey M. Klopotic	9/13/79
MURRAY E. WILLIAMS	MEW	Murray E. Williams	9/13/79
George E Smith	GES	George E Smith	9/13/79
Jerry Story	JS	Jerry Story	9/24/79
JOSEPH J. ALBANESE	JJA	Joseph J. Albanese	9/27/79
David Voget	GE	David Voget	9/27/79
Roy May	RM	Roy May	9/27/79
Cody PENDERGRASS	CHP	Cody Pendergrass	10/1/79
ERNEST GALYEAN	EGG	Ernest Galyean	10/2/79
Carroll Morais	CFM	Carroll Morais	10/4/79
Barbara Judd	BJ	Barbara Judd	10/15/79
THANG LE	GE	Thang Le	10/15/79

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND SERVICE ENGINEERING DIVISION

PRINTED NAME	INITIAL	SIGNATURE	DATE
CHARLES E. MILLS	CEM	Charles E. Mills	3/21/79
Ronald S. Rother	RSR	Ronald S. Rother	3/26/79
DAVID E. HOLTHAUS	D.E.H.	David E. Holthaus	3-28-79
RALPH F. SCHMIDT	RS	Ralph Schmidt	3/29/79
Cheri I. Bonzo	CIB	Cheri I. Bonzo	3/29/29
Gary R. Webb	G.R.W.	Gary R. Webb	4/4/79
FRANK BERNARDO	FB	Frank Bernardo	4/4/79
LYNN McCLAIN	L.Mc	Lynn McClain	4/16/79
Romayne Palmer	RFP	Romayne F. Palmer	4/16/79
TERRY HOLCOMBE	TAH	Terry A Holcomb	4-16-79
TIM TELDER	T.G.T.	Tim Telder	4-20-79
LARRY FREDERICK	L.M.F.	Larry Frederick	4-20-79
Lester Schmitgal	L.K.S.	Lester Schmitgal	4-20-79
Roy McClain	R.L.M.	Roy L. McClain	4/20/79
DAVID W. FRAZIER	D.W.F.	David Frazier	4-20-79
JOHN M. CABE	JMC	John M. Cabe	4-20-79
BARRY KEN CUTRIGHT	BKC	Barry Ken Cutright	4-25-79
SALAHUDDIN RAZI	SR	Salahuddin Razi	4/25/79
John K. Amburgey	JKA	John K. Amburgey	4/25/79
STEVEN R. REEVES	SRR	Steven R. Reeves	4/25/79
RICHARD PIETRAK	R.P.	Richard Pietrak	5/1/79

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND SERVICE ENGINEERING DIVISION

PRINTED NAME	INITIAL	SIGNATURE	DATE
HARLAN KLOSTER	HK	Harlan K Kloster	2-22-79
MYLES HART	MPH	Myles Hart	2-22-79
RS Hooper	RSH	R S Hooper	2-22-79
JOHN DECKER	JD	John Decker	2-22-79
ROBERT CONWAY	RC	Robert Conway	2-22-79
PATRICK W. COX	PWC	Patrick W. Cox	2-22-79
THOMAS W. YURIK	TWY	Thomas W. Yurik	2-22-79
REBLACKINTON JR	REBJr	R E Blackinton Jr	2-22-79
LEN BELL	LB	Len Bell	2-22-79
L V Bowne	LVB	L V Bowne	2-22-79
D P TELLIER	DPT	Dennis P Tellier	2-22-79
STEVEN C. MORTENSON	SCM	Steven C. Mortenson	2-22-79
MIKE HEATH	M.H.	Michael Heath	2-22-79
✓ DON TUCKER	DT	Don Tucker	3/1/79
✓ DANIEL LITALIEN	DL	Daniel Litalien	3/1/79
✓ JOEL D. WOJCIK	JDW	Joel D Wojcik	3/1/79
✓ ANTHONY SARNO	A.S.	Anthony Sarno	3/1/79
FRED JOHNSTON	F.J	Fred Johnston	3/1/79
✓ B. J. WARCHUCK JR.	BJW	B J Warchuck Jr	3/5/79
LARRY W. RICHARDSON	LWR	Larry W Richardson	3/5/79
DENNIS M. PERCIVAL	DMP	Dennis M Percival	3/6/79
✓ N. WAYNE HANSEN	NWH	N Wayne Hansen	3/6/79
STEPHEN D. CONNELLY	SDC	Stephen D Connelly	3/6/79
L W Wheatley	LWW	Lawrence W Wheatley	3/16/79

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

February 4, 1981

SUBJECT: Delegation of Duties

To Whom It May Concern:

In accordance with paragraph 1.8.15 of the ISI QA Manual, I am delegating my duties of Project QC Supervisor to Murray E. Williams during my absence (February 6, 1981 to February 17, 1981).

L. W. Wheatley
Project QC Supervisor/Level III

LWW:imo

CC: W. Kozik
S. Connelly
Letterfile

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

November 6, 1979

To Whom It May Concern:

The purpose of this letter is to document that the duties of Project QC Supervisor were verbally delegated to M. Hart, M. Patch and D. Holthaus.

Although these indivivuals were delegated the duties as defined in paragraph 1.8.7 of the QA Manual, I retain all responsibility and authority for these duties.

L W Wheatley

L.W. Wheatley
Project QC Supervisor

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

September 9, 1979

To Whom It May Concern:

The purpose of this letter is to delegate duties of Project QC Supervisor to Ronald Rather during my absence. Mr. Rather has received training on the portions of the ISI QA Manual applicable to the LaSalle project and has previously occupied this position.

Although Mr. Rather has been delegated the duties as defined in paragraph 1.8.7 of the QA Manual, I will retain all responsibility and authority for these duties.

L W Wheatley

L.W. Wheatley
Project QC Supervisor

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

July 20, 1979

To Whom It May ıcern:

SUBJECT: QC Supervisor Sign-off

This letter is to document that Salahuddin Razi may sign-off NDE data sheets for the QC Supervisor. This is based upon his certification as a Level III in the NDE disciplines. This letter dates back to May 15, 1979 when verbal approval was given.

L.W. Wheatley
Project QC Supervisor

A-14-E

GENERAL ELECTRIC

DIAL COMM
8*383-3339
MAIL ADDRESS & DATE
814 Commerce Drive Suite 305
Oak Brook, Illinois 60521

INSTALLATION & SERVICE ENGINEERING BUSINESS DIVISION

COPIES

July 19, 1979

SUBJECT

DELEGATION OF DUTIES FOR ISI LASALLE PROJECT #LCS-P0173-1

N. Casey
L. Wheatley

The following ducies have been assigned to Project QC Supervisor for the above ISI Project.

1.8.3 g. Approving Procedures, Product Specifications and Instructions.

h. Reviewing and approving subcontractor's NDE, destructive testing and calibration.

1.8.4 b. Releasing for distribution, approved Region Procedures, Product Specifications and Instructions.

h. Establish and maintain the Region guage calibration program at Site for the ISI Project.

1.8.4 Reviewing and approving Site generated Purchase Orders.

1.8.5 Perform duties of NDE Specialist in which he qualifies as a Level III. Duties a through g.

This letter back dates the duties to July, 1978. We had verbal approval and this letter documents the duties assigned.

W. Kozik
Manager QA
Region Engineering

WK/mr

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

March 30, 1979

Mr. L. W. Wheatley
QC Supervisor
La Salle County Nuclear Station
Marseilles, Illinois 61341

SUBJECT: DELEGATION OF DUTIES-NDE SUPERVISOR

Dear Larry:

This letter is confirming our verbal discussion on March 5, 1979.

Mr. Steve Connelley will act as the NDE Supervisor beginning March 5, 1979. Mr. Connelley's responsibility and authority are for the daily work schedules, work lists, supervision of the NDE crews, and review of the examination data sheets.

If you have any questions, or comments, please don't hesitate to call.

Sincerely yours,

R.C. Hooper
PSI Site Project Supervisor
LaSalle County Nuclear Station
Marseilles, Illinois 61341

RCH/mr

ccs: W. Kozik, GE, Oak Brook
N. Casey, GE, Oak Brook
P. Storvick, GE, Oak Brook
R. Rather, GE, LaSalle
R. Lescinski, CECO, LaSalle
G. Groth, CECO, LaSalle
S. Connelley, GE, LaSalle

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

February 19, 1979

L.W. Wheatley
QC Supervisor
LaSalle County Nuclear Station
Marseilles, IL 61341

SUBJECT: Delegation of Duties - NDE Supervisor

Dear Larry,

This letter is confirming our verbal discussion on February 5, 1979

Mr. John Decker will be performing as an NDE Level II examiner beginning February 6, 1979. Mr. Ron Rather will act as NDE Supervisor beginning February 5, 1979.

R. Rather's responsibility and authority are only for the daily work schedules, work lists and supervision of the NDE crews.

I will retain responsibility and authority for the NDE Supervisor's review of Data Sheets.

If you have any questions or comments please don't hesitate to call.

Sincerely yours,

R.C. Hooper
Site Project Supervisor
LaSalle County Nuclear Station
Marseilles, IL 61341

cc W. Kozik GE, Oak Brook
N. Casey GE, Oak Brook
P. Storvick GE, Oak Brook
J. Decker GE, LaSalle
R. Lescinski CECo, LaSalle
J. Groth CECo, LaSalle
R. Rather GE, LaSalle

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

INSTALLATION AND
SERVICE ENGINEERING
DIVISION

September 11, 1978

SUBJECT: Delegation of Duties

To Whom It May Concern:

This letter is to delegate the following duties to Myles Hart in accordance with paragraph 1.8.14 of the Central Region Inservice Inspection Quality Assurance Manual:

(1) signing off NDE data sheets

(2) logging data sheet numbers on Inspection Check Lists

(3) issuing Non-Conformance Reports

Myles Hart has received appropriate training on these specific duties.

L W Wheatley

L. W. Wheatley
Project QC Supervisor

cc: Nate Casey
William Kozik
Myles Hart
John Decker

A-14-E

GENERAL ELECTRIC

INSTALLATION & SERVICE ENGINEERING BUSINESS DIVISION

DIAL COMM
8*383-3378

MAIL ADDRESS & DATE
814 Commerce Drive
Oak Brook, IL 60521

May 26, 1978

COPIES
L. Wheatley, GE/LaSall
W. Kozik, GE/Oak Brook
T. Mikulski, GE/Oak Br

SUBJECT Service Supervisor - LaSalle Preservice/
Inservice Inspection Project # LCS-P0173-1

R. C. Hooper
Site/Project Supervisor
Preservice Inspection LaSalle Site

In accordance with Subsection 1.8.15 of the Inservice Inspection Quality Assurance Manual, you are hereby delegated the duties of Service Supervisor, as defined in Subsection 1.8.11, for the LaSalle Units 1 and 2 Preservice/ Inservice Inspection Project.

The responsibilities of Service Supervisor shall be retained by me.

N. R. Casey, Service manager
Technical Support
Central Nuclear Service Operation

NRC:ck

A-14-R

GENERAL ELECTRIC

DOMESTIC APPARATUS AND ENGINEERING SERVICES OPERATIONS

• MAIL ADDRESS:
8157 S. Cass Ave
Darien, IL

• TELEPHONE:

July 14, 1983

Subject: CECO-LASALLE PRE-SERVICE INSPECTION PROJECT
INTERNAL AUDIT

Wm. Kozik
Mgr. Quality Assurance Programs
Central Service Dept.
Darien, IL

cc: D. Hess - Perry
T. Mikulski - Oak Brook
S. Razi - LaSalle
M. Williams

An Internal Audit was performed on CECO-LASALLE Preservice Inspection Project. (7-8-83) The following personnel were in attendance:

Pre-Audit Meeting:
M. E. Williams - Project QC Supervisor
T. N. Czaplicki - Lead Auditor

Exit Meeting:
M. E. Williams - Project QC Supervisor
T. N. Czaplicki - Lead Auditor

Objective:
Verify implementation following ISI Quality Assurance Manual Sections. (Rev. 3/8-5/81)

1.0 Organization
2.0 Quality Assurance Program
4.0 Procurement Document Control
5.0 Documents
6.0 Document Control
7.0 Control Purchased Material
8.0 Identification & Control of Materials
9.0 Control of Special Processes - Nondestructive Examination
10.0 Inspection
11.0 Test Control
12.0 Control of Measuring & Test Equipment
13.0 Handling, Storage & Shipping
14.0 Inspection, Test & Operating Status
15.0 Reportable Indications & Nonconformities
16.0 Corrective Action
17.0 Quality Assurance Records
18.0 Audits

Base:

Central Region ISI Quality Assurance Manual, Rev. 3 (8/05/81)

Plan:

Perform audit by reviewing randomly selected documents, applicable to the respective sections.

Documentary evidence presented may be applicable to more than one section.

Documentary evidence applicable for each section is reviewed and applicable comments are noted immediately following the documentation in question.

T. N. Czaplicki
Lead Auditor

Attachments: ISI Check List
Audit

TNC/pa