



**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

8404050303 840326  
PDR ADOCK 05000373  
G PDR

8349N

*Boo! Limited  
1/13 Diet*

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

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

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

VOLUME 5 - SECTION 10.4

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

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

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

VOLUME 13 - SECTION 12.2

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

VOLUME 14 - SECTION 10.6

	<u>Remove</u>	<u>Insert</u>
<u>Index</u>	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

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



K(84-11)

ATTACHMENT  
PSI REPORT UPDATE (11-84)

VOLUME 14 - SECTION 13.0

Tab 13.1      Remove  
N/A

Insert  
New Tabs 1 thru 5 ✓

VOLUME 14 - SECTION 13.1

Tab 1      Remove  
N/A

Insert  
Contract Proposal #210N17034      (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

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

ATTACHMENT  
PSI REPORT UPDATE (13-84)

*M(84-13)*

VOLUME 1 - SECTION 4.0

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

VOLUME 2 - SECTION 4.2

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

VOLUME 3 - SECTION 6.0

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

VOLUME 4 - SECTION 10.2

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

VOLUME 4 - SECTION 10.4

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

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

VOLUME 5 - SECTION 11.0

	<u>Remove</u>		<u>Insert</u>	
<u>Tab 11.2</u>	NCR Log		Updated NCR Log (5 pages)	✓

VOLUME 7 - SECTION 12.0

	<u>Remove</u>		<u>Insert</u>	
<u>Tab 12.2</u>	12.2 Index (8 pages)		Updated 12.2 Index (Page 1 thru 7)	✓

VOLUME 12 - SECTION 12.2

	<u>Remove</u>		<u>Insert</u>	
<u>Tab 10</u>	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

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

ATTACHMENT  
PSI REPORT UPDATE (13-84)

VOLUME 13 - SECTION 12.2

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

VOLUME 14 - SECTION 10.6

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

VOLUME 14 - SECTION 13.0

<u>Tab 13.7</u>	<u>Remove</u>	<u>Insert</u>
	Temporary Index ✓	Typed Correspondence Index ✓

ATTACHMENT  
PSI REPORT UPDATE (14-84)

Page 1 of 3

N(84-14)

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

	<u>Remove</u>	<u>Insert</u>
<u>Tab 13</u>	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

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

VOLUME 4 - SECTION 10.3

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

VOLUME 4 - SECTION 10.4

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

VOLUME 5 - SECTION 10.4

Remove

Tab 61 through 130  
N/A

Insert

Revision list (by Tab) behind the appropriate numbered tab. ✓

VOLUME 13 - SECTION 10.6

Remove

Tab 6  
Exempt MS Pgs. 1-5 &  
9-28

Insert

Signed Exempt MS Checklist Revision 1  
Page 1-5 & 9-28 ✓

VOLUME 14 - SECTION 10.6

Remove

Tab 10  
IRR-1003S Page 2

Insert

Corrected IRR-1003S Page 2  
Rev 0 ✓



ATTACHMENT  
PSI REPORT UPDATE (15-84)

0(84-15)

VOLUME 1 - SECTION 2.0

<u>Tab 2.0</u>	<u>Remove</u> Preamble	<u>Insert</u> Revised Preamble
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VOLUME 1 - SECTION 4.0

<u>Tab 4.1</u>	<u>Remove</u> Personnel Certification Pages 4 & 5	<u>Insert</u> Corrected Personnel Certification Pages 4 & 5
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VOLUME 2 - SECTION 4.1

<u>Tab 46</u>	<u>Remove</u> N/A	<u>Insert</u> Training Letter dated 4/16/79
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VOLUME 2 - SECTION 4.2

<u>Tab 3</u>	<u>Remove</u> N/A	<u>Insert</u> ASBD-NDT 1101 Rev. 4 (26 pages)
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Insert supplied tabs 9 thru 12 after tab 8

<u>Tab 9</u>	N/A	Qualification Procedure QC1.2.1 Rev. 0 (22 pages)
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<u>Tab 11</u>	N/A	Qualification Procedure AP-QUA-277 Draft (27 pages)
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<u>Tab 12</u>	N/A	Qualification Procedure QC-9-380 Rev. 1 (9 pages)
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VOLUME 3 - SECTION 5.0

<u>Tab 5.4</u>	<u>Remove</u> Temporary Index	<u>Insert</u> Typed Surface Thermometer Index
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ATTACHMENT  
PSI REPORT UPDATE (15-84)

VOLUME 4 - SECTION 10.4

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

VOLUME 5 - SECTION 11.1

<u>Remove</u>	<u>Insert</u>
<u>Tab 1</u> PT Reportable Indication List	Corrected PT Reportable Indication List <i>(4 pages)</i>
<u>Tab 2</u> UT Reportable Indication List	Corrected UT Reportable Indication List <i>(7 pages)</i>

VOLUME 6 - SECTION 12.1

<u>Remove</u>	<u>Insert</u>
<u>Tab 7</u> 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.

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

VOLUME 13 - SECTION 10.6

<u>Remove</u>	<u>Insert</u>
<u>Tab 6</u> 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

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

ATTACHMENT  
PSI REPORT UPDATE (16-84)

P(84-16)

VOLUME 4 - SECTION 10.4

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

VOLUME 5 - SECTION 10.4

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

ATTACHMENT  
PSI REPORT UPDATE (16-84)

VOLUME 5 - SECTION 10.4 (continued)

<u>Tab</u>	<u>Remove</u>	<u>Insert</u>
<u>Tab 102</u>	IRI-1014 Rev. 0	IRI-1014 Rev. 1 Page 1 ✓
<u>Tab 109</u>	IRI-1022 Rev. 2	IRI-1022 Rev. 4 Page 1 ✓
<u>Tab 121</u>	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 ✓
<u>Tab 124</u>	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
<u>Tab 128</u>	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

<u>Index</u>	<u>Remove</u> Vol 1-12 Old Index	✓	<u>Insert</u> All Volumes - Index Rev. 1 6 Pages
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VOLUME 4 - SECTION 7.0

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

VOLUME 8 - SECTION 12.1

<u>Tab 7</u>	<u>Remove</u> CDS #63049 EDS #63050 CDS #63057 EDS #63058 CDS #63112 EDS #63113	<u>Insert</u> UT Cal. Sheet CDS #63049 stamped Info. Only ✓ UT Data Sheet EDS #63050 stamped Info. Only ✓ UT Cal. Sheet CDS #63057 stamped Info. Only ✓ UT Data Sheet EDS #63058 stamped Info. Only ✓ UT Cal. Sheet CDS #63112 stamped Info. Only ✓ UT Data Sheet EDS #63113 stamped Info. Only ✓
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VOLUME 11 - SECTION 12.1

<u>Tab 10</u>	<u>Remove</u> CDS #91049 EDS #91050 CDS #91051 EDS #91052 CDS #94069 EDS #94070 Plot for #94070 CDS #94071 EDS #94072 CDS #94073 EDS #94074 CDS #94118 EDS #94119 CDS #94122 EDS #94123	<u>Insert</u> UT Cal. Sheet CDS #91049 stamped Info. Only ✓ UT Data Sheet EDS #91050 stamped Info. Only ✓ UT Cal. Sheet CDS #91051 stamped Info. Only ✓ UT Data Sheet EDS #91052 stamped Info. Only ✓ UT Cal. Sheet CDS #94069 stamped Info. Only ✓ UT Data Sheet EDS #94070 stamped Info. Only ✓ UT Plot for EDS #94070 stamped Info. Only ✓ UT Cal. Sheet CDS #94071 stamped Info. Only ✓ UT Data Sheet EDS #94072 stamped Info. Only ✓ UT Cal. Sheet CDS #94073 stamped Info. Only ✓ UT Data Sheet EDS #94074 stamped Info. Only ✓ UT Cal. Sheet CDS #94118 stamped Info. Only ✓ UT Data Sheet EDS #94119 stamped Info. Only ✓ UT Cal. Sheet CDS #94122 stamped Info. Only ✓ UT Data Sheet EDS #94123 stamped Info. Only ✓
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ATTACHMENT  
PSI REPORT UPDATE (17-84)

VOLUME 12 - SECTION 12.2

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

VOLUME 13 - SECTION 12.2

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

ATTACHMENT  
PSI REPORT UPDATE (18-84)

*R(84-18)*

CALIBRATION STANDARDS BOOK

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

VOLUME 2 - SECTION 4.2

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

VOLUME 3 - SECTION 5.1

<u>Tab 2</u>	<u>Remove</u>	<u>Insert</u>
	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

<u>Tab 3</u>	<u>Remove</u>	<u>Insert</u>
	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)

<u>Remove</u>	<u>Insert</u>
<u>Tab 3 (continued)</u>	
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
 <u>Tab 4</u>	
LDS #63069	Signed LDS #63069
 <u>Tab 5</u>	
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
 <u>Tab 6</u>	
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)

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

ATTACHMENT  
PSI REPORT UPDATE (18-84)

VOLUME 3 - SECTION 5.1 (continued)

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

VOLUME 4 - SECTION 7.0

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

VOLUME 4 - SECTION 10.0

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

ATTACHMENT  
PSI REPORT UPDATE (18-84)

VOLUME 4 - SECTION 10.4

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

VOLUME 5 - SECTION 11.3

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

Insert Supplied Tabs Nos. 111 & 112

VOLUME 7 - SECTION 12.2

<u>Remove</u>	<u>Insert</u>
<u>Tab 3</u> 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

N/A

Tab 13.6

N/A

Insert

Volume 14 Cover Page

Delegation of Duty Letter dated 2/9/83

VOLUME 14 - SECTION 13.7

Remove

Tab 6

N/A

Tab 7

N/A

Tab 8

N/A

Tab 9

N/A

Insert

Correspondence (1981) 2 pages

1982 Correspondence 5 pages

1983 Correspondence 2 pages

1984 Correspondence 55 pages

ATTACHMENT  
PSI REPORT UPDATE (19-84)

5(84-19)

VOLUME 4 - SECTION 8.4

	<u>Remove</u>	<u>Insert</u>
* <u>Tab 5</u>	RR Records Index Rev. 1	RR Records Index Rev. 2 Page 1

VOLUME 4 - SECTION 8.5

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

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

VOLUME 4 - SECTION 10.2

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

VOLUME 5 - SECTION 11.0

	<u>Remove</u>	<u>Insert</u>
<u>Tab 11.2</u>	Original NCR Log	NCR Log Rev. 1 5 Pages

VOLUME 5 - SECTION 11.3

	<u>Remove</u>	<u>Insert</u>
<u>Tab 15</u>	Page marked "Retracted"	Page marked "Nonexistant Listed in Error"

VOLUME 9 - SECTION 12.1

	<u>Remove</u>	<u>Insert</u>
<u>Tab 8</u>	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



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	RW Wheatley
T-39 ASSIGNED TO TRAILER	4/16/81	7/20/81 NA	NA	10/16/81	RW Wheatley
T-41	6/8/81	6/15/81	NA	10/16/81	RO Hooper
T-47	6/15/81	10/15/81	NA	10/16/81	RW Wheatley
T-11 CONTROL	NA	NA	NA	4/29/82	Calibrated by Gordon Craig / NA 10/29/81
T-39	10-28-81	10-30-81	NA	4/28/82	Calibrated by Gordon Craig / Gordon Chicago 10/29/81 BROKEN
T-47	10-30-81	10-30-81	NA	4/28/82	Calibrated by Gordon Craig / Gordon Chicago 10/29/81
T-48	11/2/81	4/27/82	NA	4/28/82	Calibrated by Gordon Craig / SP- 10/29/81 n/2/81
T-11 CONTROL	NA	NA	NA	2/3/82	Calibrated by M.E. Williams / NA 8/3/82
T-47	8-5-82	1-24-83	NA	2/3/82	Calibrated by M.E. Williams / Seidhardt 8/3/82 2/5/82
T-48	NEVER ISSUED	NA	NA	2/3/82	Calibrated by M.E. Williams / NA 8/3/82

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 W Heatley
T-45	1/5/81	4/16/81	4/15/81	4/15/81	James King
T-41	1/5/81	4/16/81	4/15/81	4/15/81	Lay Krenzel
T-40	1/5/81	1/26/81 LOST	4/15/81	4/15/81	John Schmidt
T-44	1/5/81	NON FUNCT 1/26/81 DESTROYED ESW	4/15/81	4/15/81	Ed Homler
T-39 ASSIGNED TO TRAILER	1/5/81	4/16/81	4/15/81	4/15/81	L W Heatley
T-46	1/27/81	2/27/81 NON-FUNCTIONAL DESTROYED ESW	4/15/81	4/15/81	Ed Homler
T-47	1/28/81	2/4/81	4/15/81	4/15/81	James C. Mortenson
T-48	1/28/81	2/4/81	4/15/81	4/15/81	James C. Mortenson
T-48	2/27/81	LOST/FOUND 5/16/81 HELD FOR RECALIBRATION ESW	4/15/81	4/15/81	Ed Homler
T-47	3/16/81	4/16/81	4/15/81	4/15/81	Ed Homler
T-11 CONTROL	NA	NA	10/16/81	10/16/81	L W Heatley
T-39 (Trailer)	4/16/81	<del>4/16/81</del>	10/16/81	10/16/81	L W Heatley
T-41	4/20/81	4/30/81	10/16/81	10/16/81	Lay Krenzel
T-45	4/20/81	LOST	10/16/81	10/16/81	Ed Homler
T-47	4/20/81	5/21/81	10/16/81	10/16/81	James King
T-48	4/22/81	5/21/81	10/16/81	10/16/81	Ed Homler

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	Morrison
T-40	9-24-80	1/5/81	10/15/80	10/15/80	Schmitz v. L.K.
T-42	9-24-80	NON FUNCTIONAL 10-13-80	10/15/80	10/15/80	Ed. Homler
T-41	9-24-80	1/5/81	10/15/80	10/15/80	L & Zwick
T-44	10-13-80	<del>1/5/81</del> 1/5/81	10/15/80	10/15/80	Ed. Homler
T-45	11/24/80	1/5/81	1/15/81	4/15/81	Ed. Homler
T-46	11/26/80	LOST	4/15/81	4/15/81	Ed. Homler
T-39	12/9/80	LOST	1/15/81	4/15/81	R. Austin

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. Whalley
T-26	4/22/80	Destroyed	7/15/80	10/15/80	<del>Robert</del> Schmitzgal
T-29	4/22/80	Destroyed	7/15/80	10/15/80	Robert Austin
T-32	4/22/80	Lost	7/15/80	10/15/80	<del>Robert</del>
T-33	4/22/80	Destroyed	7/15/80	10/15/80	La Nomla
T-35	7/2/80	Remembered T-4C	7/15/80	10/15/80	J. La Nomla <del>Robert</del> Schmitzgal
T-34	5/5/80	5/9/80	7/15/80	10/15/80	Chung J.
T-34	6/9/80	8/26/80	7/15/80	10/15/80	Chung J.
T-35	6/11/80	6/27/80	7/15/80	10/15/80	La Nomla
T-36	6/12/80	DESTROYED	7/15/80	10/15/80	<del>Robert</del> Schmitzgal XX
T-37	6/19/80	6/26/80	7/15/80	10/15/80	W. Frost
T-38	6/19/80	6/26/80	7/15/80	10/15/80	D. Halberstam
T-38	6/26/80	LOST	7/15/80	10/15/80	La Nomla

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	J. St. Schmitz
T-25	2-4-80	Destroyed	2-4-80	8-4-80	Sam Lohr
T-26	4/22/80	Destroyed	7/15/80	10-15-80	Best Schmitz
T-27	2-12-80	LOST	2-12-80	8-12-80	R. S. Rather
T-28	4-10-80	NOW FUNCTIONING	4-15-80	4-15-80	(Assigned to this party) Best Schmitz
T-29	4-22-80	DESTROYED	7-15-80	10-15-80	Robert Austin Robert Austin
T-30	3-12-80	4/21/80	6/11/80	9/11/80	David Vogel
T-31	3/11/80	3/18/80	7/15/80	10/15/80	Jack
T-32	4/22/80	LOST	7/15/80	10/15/80	CA Kamb
T-33	4/22/80	LOST	2-26-80	8-26-80	CA Kamb
T-34	2-26-80	4-15-80	7/15/80	10/15/80	V. O. L. V.
<del>T-35</del>	<del>4/22/80</del>				

✓  
 ✓

Source: T-123456789  
 Date: Due Calibration  
 Date: Due Calibration

EXHIBIT I

INSTRUMENT #	DATE ISSUED	DATE RETURNED	DATE OF CAL. VERIFICATION	DATE OF CAL. REVEPIFICATION	NAME
T-13	10/15/77	1/12/80	10/15/77	4/15/80	Robert Reuter
T-14	10/15/77	1/17/80	10/15/77	4/15/80	[Signature]
T-12	10/15/77	DESTROYED	10/15/77	4/15/80	R. S. Rother (assigned to function)
T-15	10/15/77	LOST	10/15/77	4/15/80	[Signature]
T-16	10/26/77	LOST	10/15/77	4/15/80	[Signature]
T-17	10/27/77	1/25/80	10/27/77	4/27/80	R. W. Whiting (Assigned to Blue Box)
T-18	11/2/77	LOST	11/2/77	5/2/80	[Signature]
T-19	11/2/77	DESTROYED	11/2/77	5/2/80	ca. [Signature]
T-20	11/7/77	LOST	11/7/77	5/7/80	[Signature]
T-11	12/11/77	12-11-79	12/11/77	6/11/79	Roy May
T-21	1-4-80	LOST	1-4-80	7-4-80	[Signature]
T-22	1-4-80	1-30-80	1-4-80	7-4-80	[Signature]
T-14	1-17-80	1-30-80	4-15-80 10-15-79	4-15-80	[Signature]
T-23	1-17-80	LOST	4-4-80 1-17-80 case	7-17-80	[Signature]
T-14	1-30-80	LOST	1-30-80	4-15-80	R. S. Rother
T-20	1-30-80	LOST	1-30-80	7-4-80	(in function) [Signature]



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

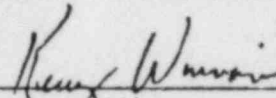
TO: General Electric Co. I&S&E  
814 Commerece Dr.  
Oak Brook, IL 60521

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



Phone: 596-6382  
Area code 312  
ART GROTENHUIS

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

Page 1 of 2

# 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 NSO#1 on date marked above by Sybil Grotenhuis  
QC-Sup

		<u>CORRECTION CHART</u>					
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.

*ME 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*  
R. J. Schmidt, Mgr. Quality Assurance

DATE 9 7 82  
Mo. Day Year

Form 25D

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

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

NBS See Below

NAME AND ADDRESS

SERVICE NO.

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

1141



P.O. # 10462-45

Equipment: Pyro Digital Pyrometer  
Model 500 S/N 1640

OBSERVED READINGS IN DEGREES F

STANDARD	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  $\pm 2\%$  FS

Test Equipment  
Control Number  
000643

NBS Traceability  
000645

Last Cal. C/F  
Date Mos.  
11/3/80 12

Primary Standard Control  
Description 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  
Borden Haigo per QC-003 Rev 1  
10/28/81

Gage Lab



BOX 115/75 • PHILA., PA. 19115 • (215) 355 5420

# GENERAL ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

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

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 pyrometer (Pyro Digital 500 Control #1141021). Several readings were taken and the control thermometer readings were within the  $\pm 5^{\circ}$  F temperature limits as specified in Procedure QC-003.

L. Q. Wheatley  
Project QC Supervisor/Level III

Witnessed by S. A. Felton  
Authorized Nuclear Inservice Inspector

# GENERAL ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

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

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  $\pm 5^{\circ}$  F temperature limits as specified in Procedure QC-003.

L. Q. 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<sup>0</sup> tolerance.

*L. W. Wheatley*  
L. W. Wheatley  
Project QC Supervisor/Level III

LWW/imo



# GENERAL ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

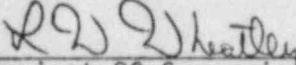
GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

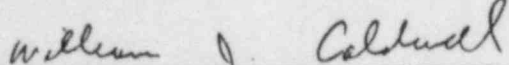
April 21, 1980

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  $\pm 5^{\circ}\text{F}$  temperature limits as specified in GE Procedure QC-003 Revision 1.

  
Project QC Supervisor/Level III

Witnessed by   
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**

**INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION**

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

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

AL  ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

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

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, Digicon 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 D Wheatley  
Project QC Supervisor

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

Doc 332

**GENERAL ELECTRIC**

**INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION**

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

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 Wheatley  
Project QC Supervisor

Witnessed by

J. Karipinski  
Authorized Nuclear Inservice Inspector



# RECEIVING INSPECTION REPORT

RIR No. RIR-007

For Items List No. NA

Line No. NA

## PART NO. 1

Project LaSalle 1/2 PSI Project No. LCS-PO173-2 Purchase Order No. 391N0172-8 <sup>3 2/24</sup> <sup>5/1/81</sup>

Description Glycerine Product Specification & Rev. NA

## PART NO. 2 CHARACTERISTICS TO BE INSPECTED:

Prepared by L Wheatley Date 4/10/80

- |   |           |
|---|-----------|
| 1) <u>Quantity</u>                                      | 6) _____  |
| 2) <u>Certification</u>                                 | 7) _____  |
| 3) <u>Markings</u>                                      | 8) _____  |
| 4) <u>Chemical Analysis (PO 391N0172-5) LWW 8/17/81</u> | 9) _____  |
| 5) _____  | 10) _____ |

## PART NO. 3 RECEIVING INSPECTION

Markings Dow Glycerine USP 99.5%

Heat & Lot Or Serial No. DN03070 HC41

Characteristics Inspected:		A - Accepted	R - Rejected	
1) <u>55 gal</u>	3) <u>A</u>	5) _____	7) _____	9) _____
2) <u>A</u>	4) <u>A</u>	6) _____	8) _____	10) _____

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

Nonconformities:

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

## PART NO. 4 RECEIVING VERIFICATION

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

Verified by LWW 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

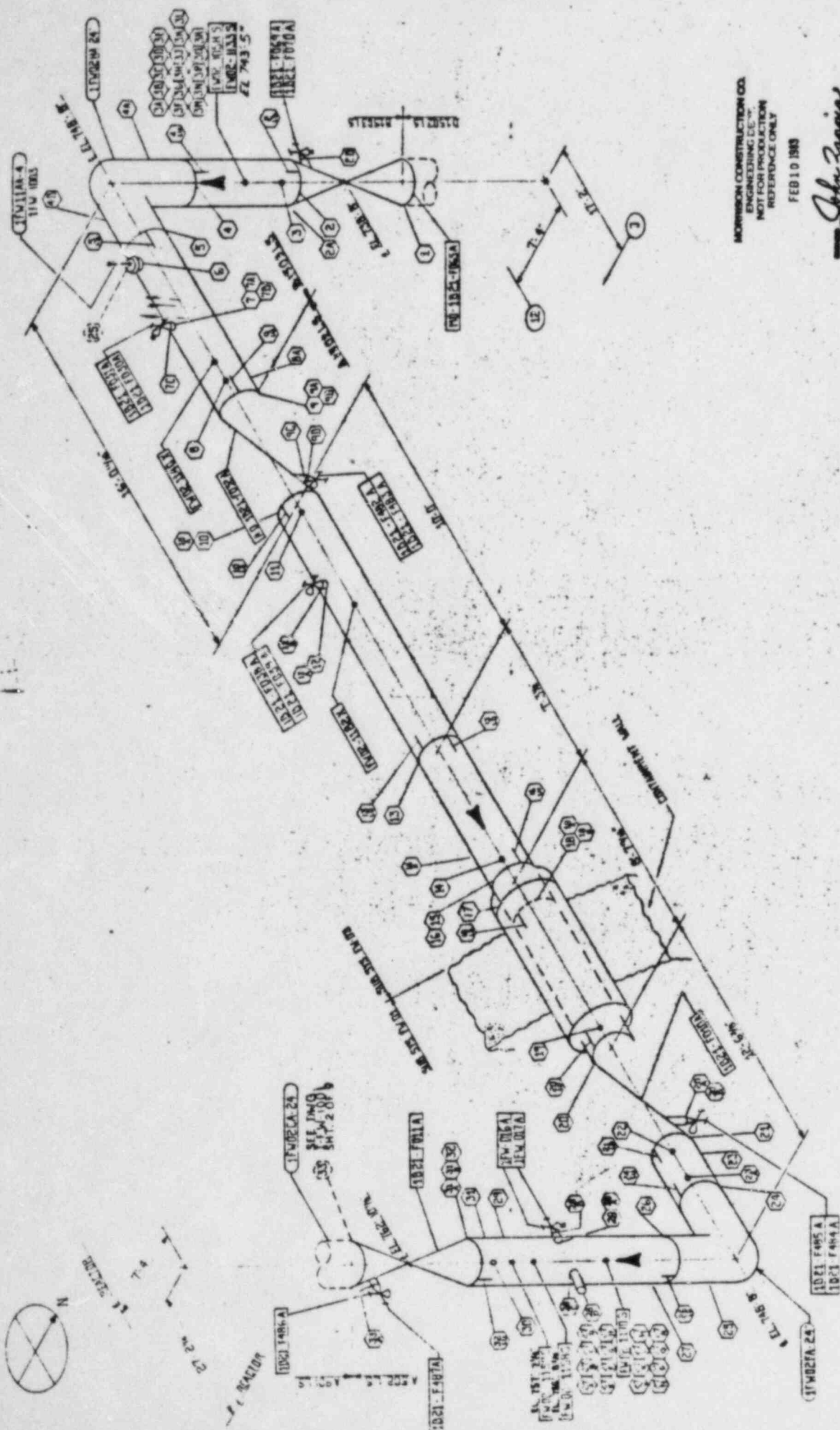
<u>DESCRIPTION</u>	<u>TAB</u>	<u>INSPECTION CHECKLIST</u>
10.4.9 RI-Reactor Core Isolation Coolant	101	IRI-1013
	102	IRI-1014
	103	IRI-1015
	104	IRI-1016
	105	IRI-1017
	106	IRI-1018
	107	IRI-1019
	108	IRI-1020
	109	IRI-1022
	110	IRI-1023
	111	IRI-1024
	112	IRI-1025
	113	IRI-1026
	114	IRI-1027
	115	IRI-1028
	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

<u>DESCRIPTION</u>	<u>TAB</u>	<u>INSPECTION CHECKLIST</u>
	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.J. 1  
 APR 515 PM 01/17/03



MORRISON CONSTRUCTION CO.  
 ENGINEERING DEPARTMENT  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 FEB 10 1983  
*John Zepke*  
 PROJECT ENGINEER

REVISIONS		DATE		BY		CHECKED	
NO.	DESCRIPTION	DATE	BY	DATE	BY	DATE	BY
1	ISSUED FOR PERMITS	1/15/83	JZ				
2	REVISED PER COMMENTS	1/20/83	JZ				
3	REVISED PER COMMENTS	1/25/83	JZ				
4	REVISED PER COMMENTS	2/10/83	JZ				
5	REVISED PER COMMENTS	2/15/83	JZ				
6	REVISED PER COMMENTS	2/20/83	JZ				
7	REVISED PER COMMENTS	2/25/83	JZ				
8	REVISED PER COMMENTS	3/1/83	JZ				
9	REVISED PER COMMENTS	3/5/83	JZ				
10	REVISED PER COMMENTS	3/10/83	JZ				
11	REVISED PER COMMENTS	3/15/83	JZ				
12	REVISED PER COMMENTS	3/20/83	JZ				
13	REVISED PER COMMENTS	3/25/83	JZ				
14	REVISED PER COMMENTS	4/1/83	JZ				
15	REVISED PER COMMENTS	4/5/83	JZ				
16	REVISED PER COMMENTS	4/10/83	JZ				
17	REVISED PER COMMENTS	4/15/83	JZ				
18	REVISED PER COMMENTS	4/20/83	JZ				
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21	REVISED PER COMMENTS	5/5/83	JZ				
22	REVISED PER COMMENTS	5/10/83	JZ				
23	REVISED PER COMMENTS	5/15/83	JZ				
24	REVISED PER COMMENTS	5/20/83	JZ				
25	REVISED PER COMMENTS	5/25/83	JZ				
26	REVISED PER COMMENTS	6/1/83	JZ				
27	REVISED PER COMMENTS	6/5/83	JZ				
28	REVISED PER COMMENTS	6/10/83	JZ				
29	REVISED PER COMMENTS	6/15/83	JZ				
30	REVISED PER COMMENTS	6/20/83	JZ				
31	REVISED PER COMMENTS	6/25/83	JZ				
32	REVISED PER COMMENTS	7/1/83	JZ				
33	REVISED PER COMMENTS	7/5/83	JZ				
34	REVISED PER COMMENTS	7/10/83	JZ				

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INGARVILLE, INDIANAPOLIS  
 FIELDWORK

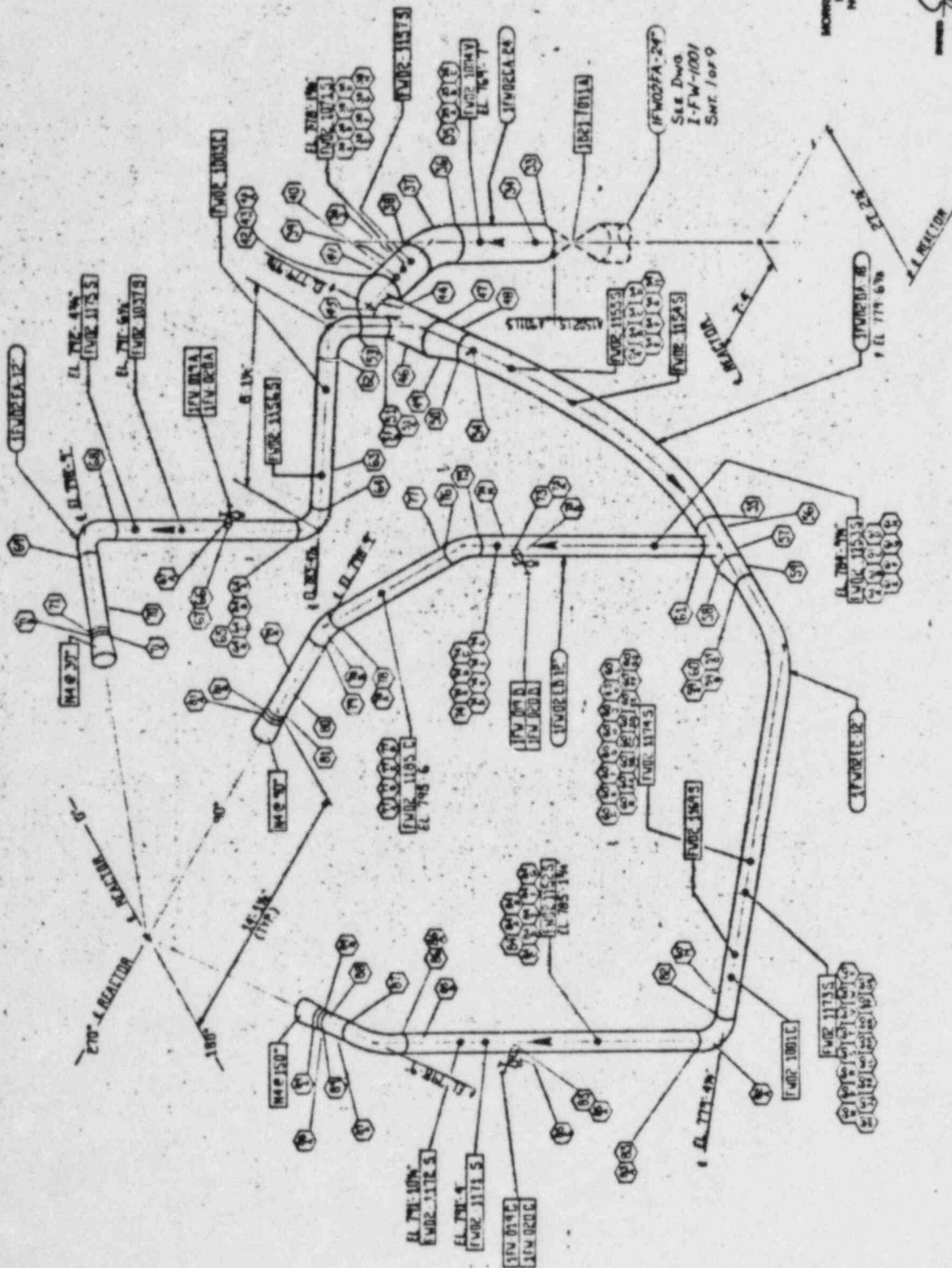
PROJECT NO. 1001 M.J. 1  
 DATE: FEB 10 1983

SCALE: AS SHOWN

DATE: FEB 10 1983

PROJECT ENGINEER: *John Zepke*

6-2 1001 11-1 500 595 PM 10 17V403



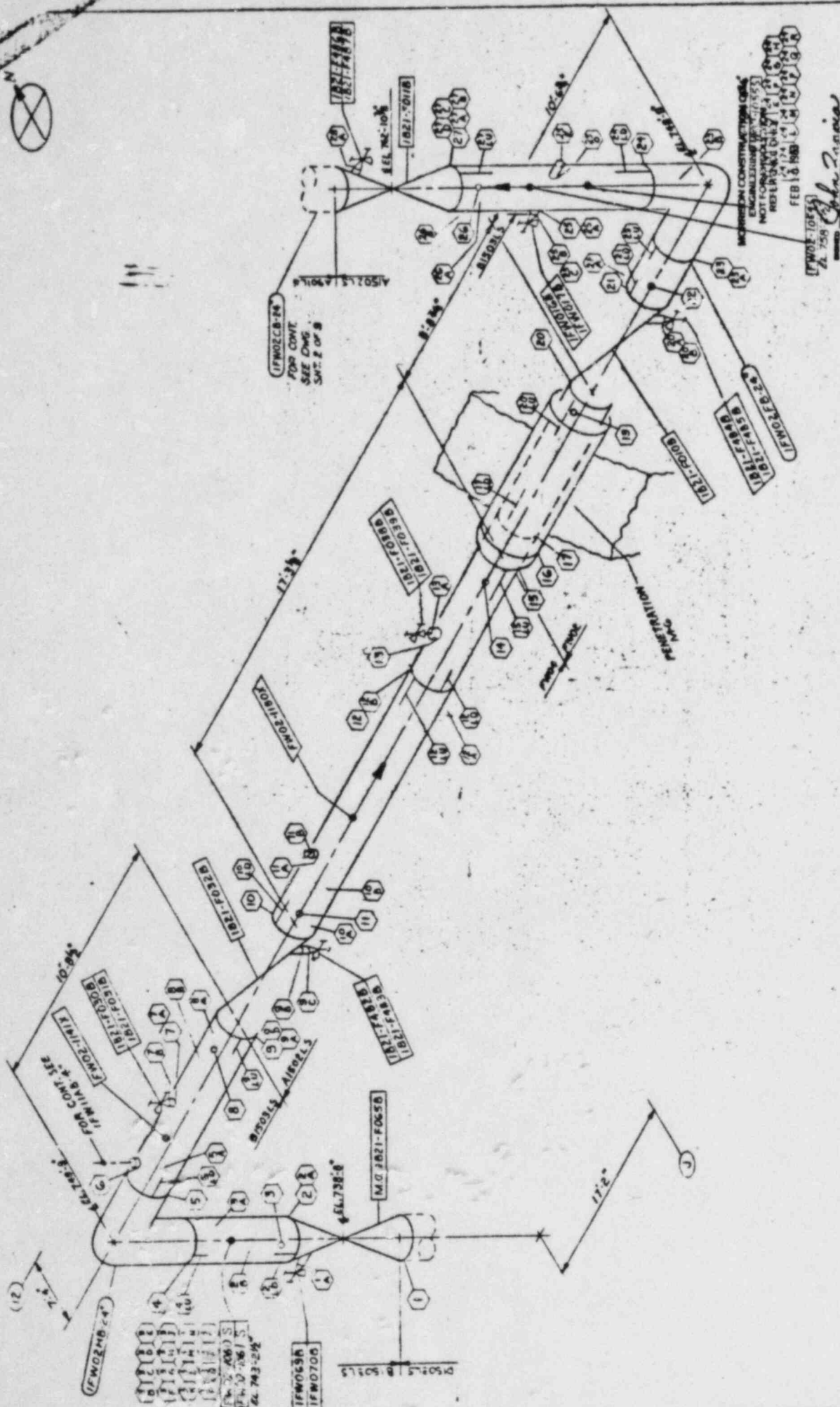
MORRISON CONSTRUCTION CO.  
 ENGINEERING DEPT.  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 FEB 13 1983

REV	DATE	DESCRIPTION	BY	CHK
1	11/15/82	ISSUED FOR CONSTRUCTION	JM	JM
2	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
3	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
4	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
5	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
6	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
7	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
8	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
9	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
10	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
11	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
12	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
13	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
14	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
15	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
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17	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
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52	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
53	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
54	11/15/82	REVISED FOR CONSTRUCTION	JM	JM
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100	11/15/82	REVISED FOR CONSTRUCTION	JM	JM

LINE NO	REVISION	DATE	BY	CHK
11M07EA 24				
11M07FA 12				
11M07GA 15				
11M07EB 12				
11M07EC 12				

MORRISON CONSTRUCTION CO.  
 HARRAMOND, INDIANA  
 JOB NO. 5848  
 PROJECT NO. 11-1  
 DATE: 11/15/82  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 PROJECT LOCATION: LA SALLE COUNTY STATION UNITS 1 & 2  
 SHEET NO. 11M07EA 24  
 TOTAL SHEETS: 11M07EA 24, 11M07FA 12, 11M07GA 15, 11M07EB 12, 11M07EC 12  
 SCALE: AS SHOWN  
 DRAWN BY: JM  
 CHECKED BY: JM  
 APPROVED BY: JM  
 DATE: 11/15/82

1-FW-1002

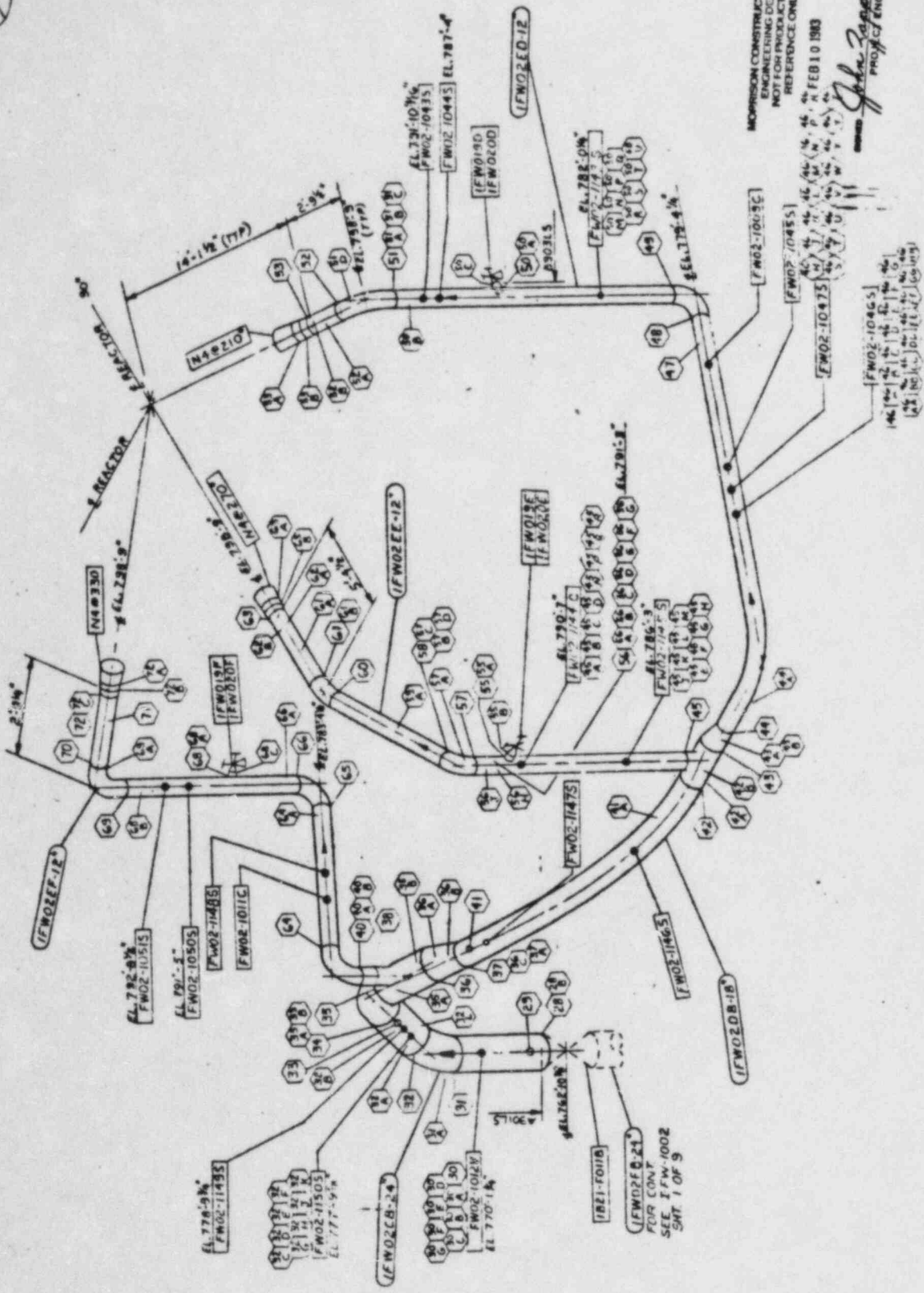


MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA  
 PROJECT: LA SALLE  
 DRAWN: J. J. [Signature]  
 CHECKED: [Signature]  
 DATE: [Signature]  
 APPROVED: [Signature]  
 DATE: [Signature]

NO.	DATE	REVISIONS
0		PRELIMINARY
1		PRELIMINARY
2		ALL WORK TO BE DONE BY CONTRACTOR
3		ALL TO BE DONE BY CONTRACTOR
4		REVISIONS TO PRELIMINARY
5		REVISIONS TO PRELIMINARY
6		REVISIONS TO PRELIMINARY
7		REVISIONS TO PRELIMINARY
8		REVISIONS TO PRELIMINARY
9		REVISIONS TO PRELIMINARY
10		REVISIONS TO PRELIMINARY

SUB-SYSTEMS FW-02 FW-04  
 IFW02NB-2' TRV FW-T-106  
 IFW02FB-2' TRV FW-T-112

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTION  
 FEGWATER SYSTEM - SOUTH LOOP  
 REF. DWG. NO. M-3716  
 I-FW-1002 SHEET 1 OF 10



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

REVISIONS		DATE	BY	APP'D	DESCRIPTION
1	PRELIMINARY	12-12-82	JZ		
2	PRELIMINARY	12-12-82	JZ		
3	FOR CONSTRUCTION	12-12-82	JZ		
4	FOR CONSTRUCTION	12-12-82	JZ		
5	FOR CONSTRUCTION	12-12-82	JZ		
6	FOR CONSTRUCTION	12-12-82	JZ		
7	FOR CONSTRUCTION	12-12-82	JZ		
8	FOR CONSTRUCTION	12-12-82	JZ		
9	FOR CONSTRUCTION	12-12-82	JZ		
10	FOR CONSTRUCTION	12-12-82	JZ		

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

PROJECT: LASALLE COUNTY STATION UNIT 1 & 2  
 SYSTEM: WATER SYSTEM SOUTH LOOP

DATE: FEB 10 1983

PROJECT ENGINEER: *John Zappala*

SCALE: AS SHOWN

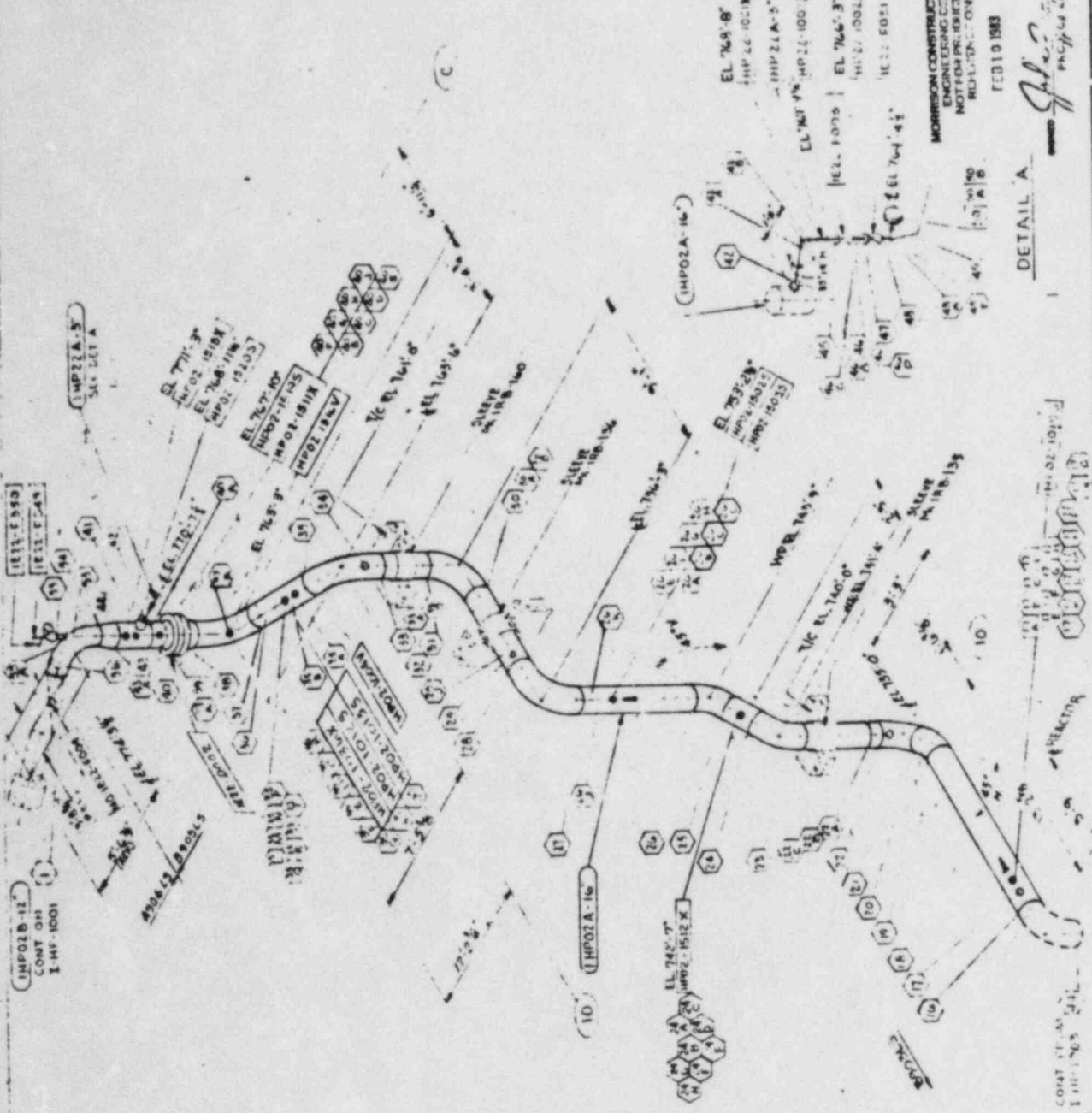
PROJECT NO: FW-1002

SHEET NO: 11

SUB SYSTEM FW-02  
 FW-02B-24 TRV FW-T-3  
 FW-02E-12 TRV FW-T-3  
 FW-02EE-12 TRV FW-T-10  
 FW-02EE-12 TRV FW-T-10  
 FW-02EE-12 TRV FW-T-10



1-HP-1001  
5-HP SYSTEM  
MP 02



MORRISON CONSTRUCTION CO.  
ENGINEERING CO.  
NOT FOR PRELIMINARY  
REVISION ONLY  
FEB 10 1983

DETAIL A

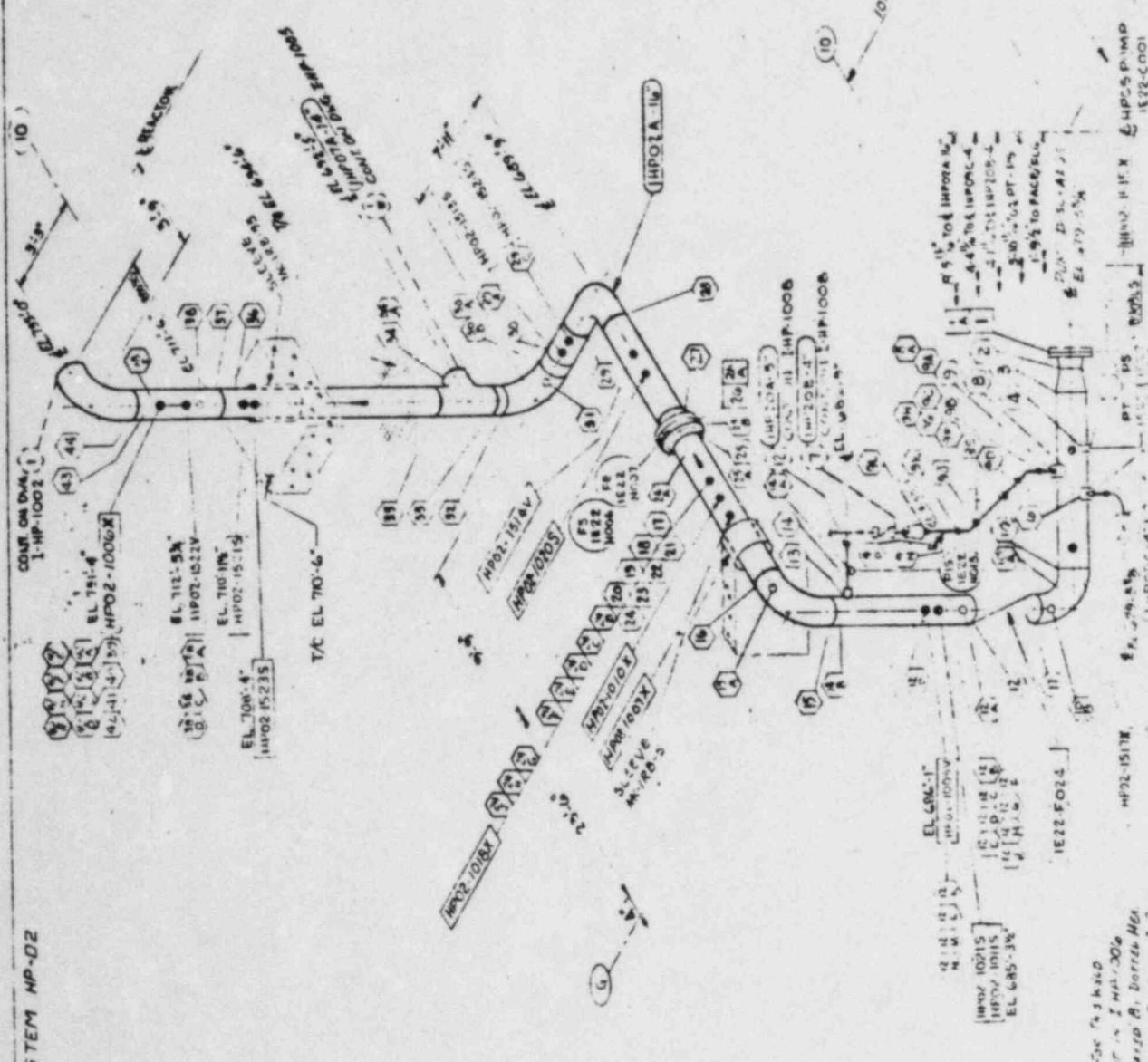
REVISIONS		MORRISON CONSTRUCTION CO. HAMMOND, INDIANA	
NO.	DATE	BY	CHKD.
1	11-15-82	J. J. MORRISON	J. J. MORRISON
2	11-15-82	J. J. MORRISON	J. J. MORRISON
3	11-15-82	J. J. MORRISON	J. J. MORRISON
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6	11-15-82	J. J. MORRISON	J. J. MORRISON
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8	11-15-82	J. J. MORRISON	J. J. MORRISON
9	11-15-82	J. J. MORRISON	J. J. MORRISON
10	11-15-82	J. J. MORRISON	J. J. MORRISON

DATE OF ISSUE: 11-15-82  
DATE OF REVISION: 11-15-82  
COMMONWEALTH OF INDIANA  
LA SALLE COUNTY STATION UNITS 1 & 2  
MORRISON CONSTRUCTION CO.  
1111 S. W. 11th St.  
Hammond, Indiana 46320  
MORRISON  
AL 5.2.2.11

1-HP-1001  
5-HP SYSTEM  
MP 02

1-HP-1002  
5-HP SYSTEM  
MP 03

1-HP-1002  
5-HP SYSTEM  
MP 03



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

*John Zepko*  
 PROJECT ENGINEER

REVISIONS		NO.	DATE	BY	CHKD.
1	AS SHOWN	1	1/28/83	JZ	JZ
2	REVISED ON 2/1/83	2	2/1/83	JZ	JZ
3	REVISED ON 2/1/83	3	2/1/83	JZ	JZ
4	REVISED ON 2/1/83	4	2/1/83	JZ	JZ
5	REVISED ON 2/1/83	5	2/1/83	JZ	JZ
6	REVISED ON 2/1/83	6	2/1/83	JZ	JZ

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

Job No. 8444 Pa 888 888 887  
 151 EAST ON 42<sup>ND</sup> ST  
 LA SALLE, ILL. 62401

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INST. NO. 1000  
 HIGH PRESSURE COBE S-DRAW

DATE: 02/10/83  
 DRAWN BY: JZ  
 CHECKED BY: JZ

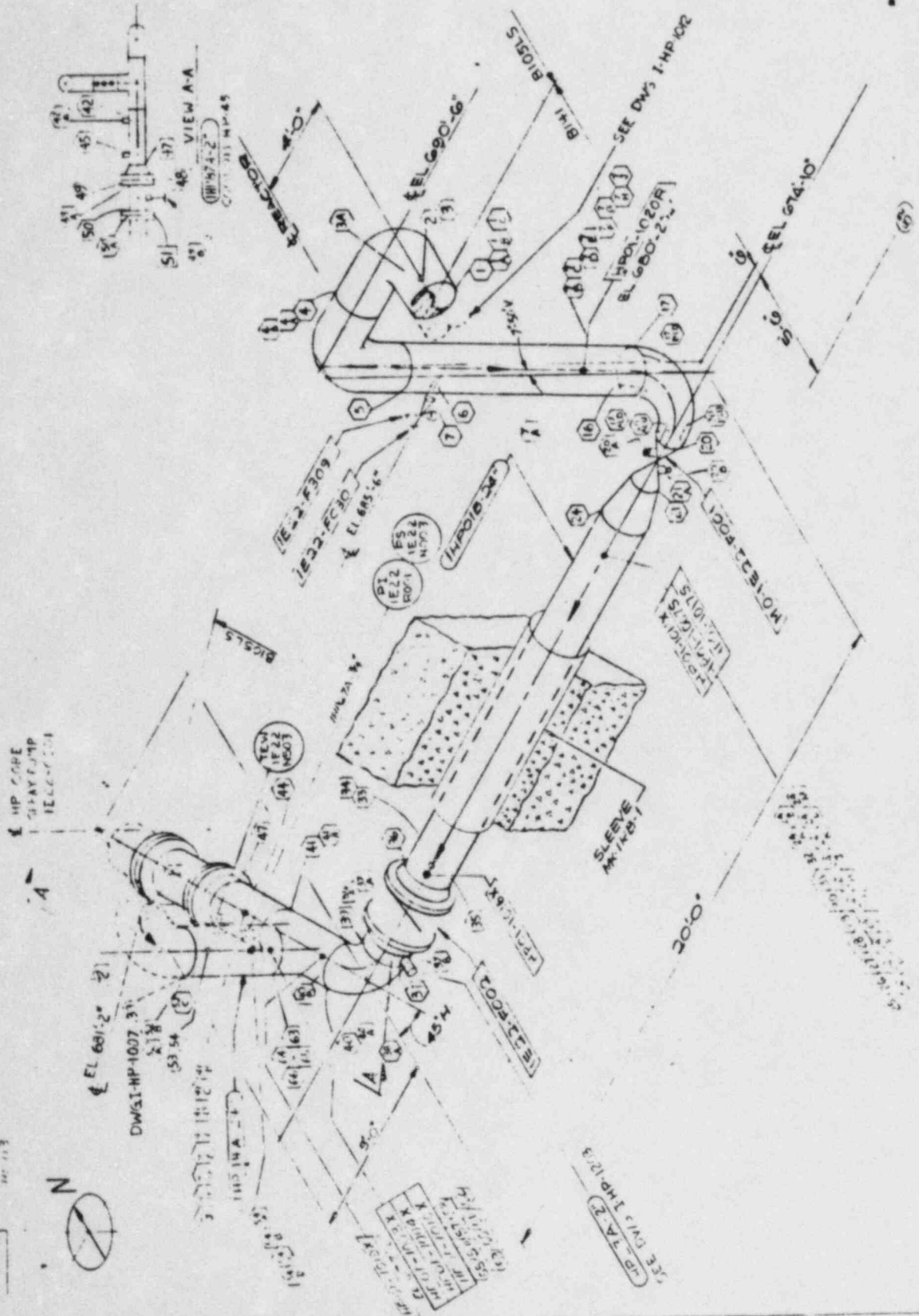
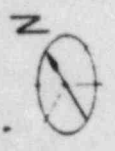
PROJECT: I-HP-1003

SEE NOTE 1

1-HP-1003  
 111 T-20



I-HP-1004



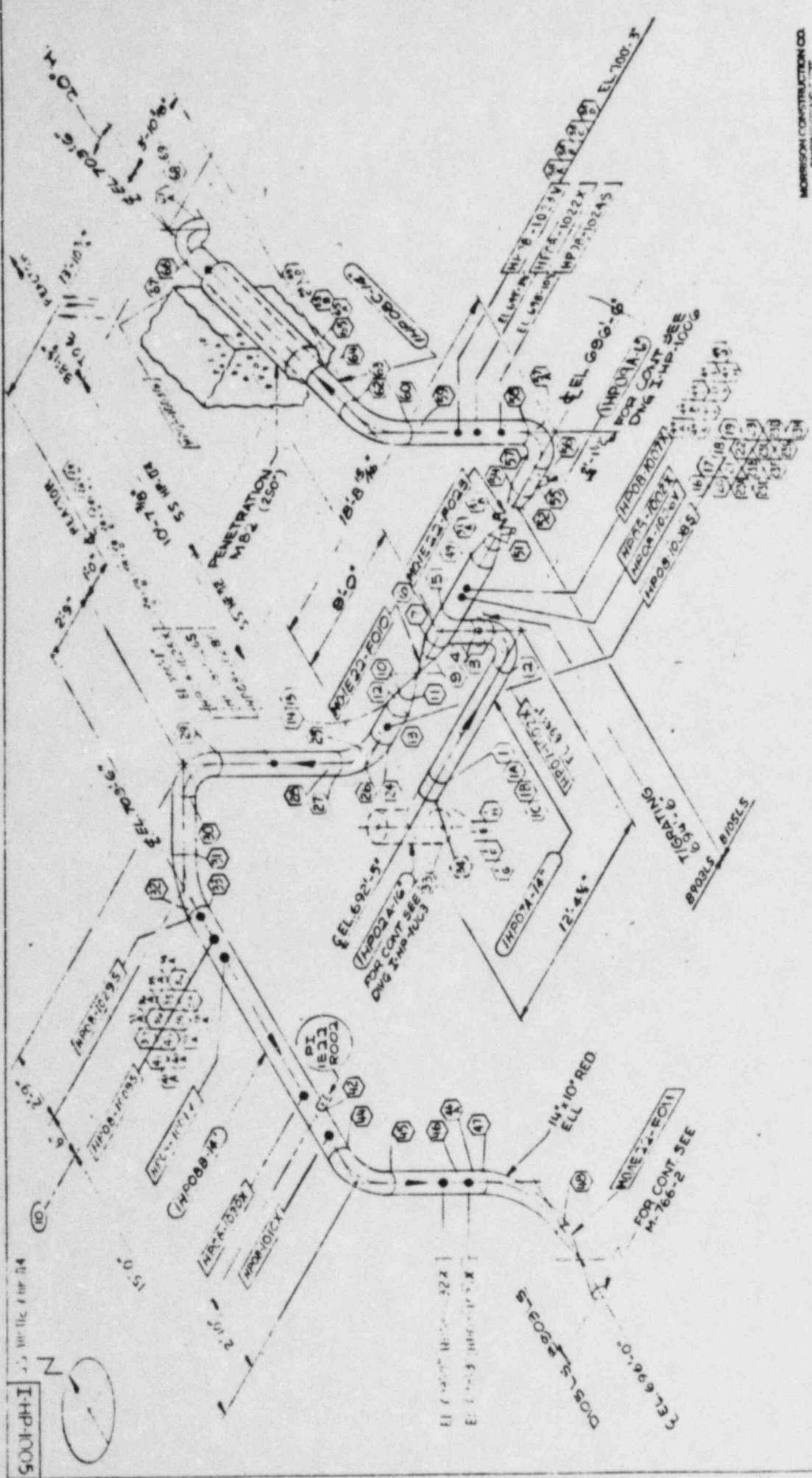
REVISIONS

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64	REVISED TO SHOW ELECTRICAL	2/10/83
65	REVISED TO SHOW ELECTRICAL	2/10/83

MORRISON CONSTRUCTION CO.  
 ENGINEERING DEPT.  
 NOT FOR PRODUCTION  
 NO CHANGE ONLY  
 FEB 10 1983  
*John J. Morris*  
 PROJECT ENGINEER

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA  
 JOB No. 3444  
 EST. BASED ON THE SPECIFICATIONS  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTOR  
 MICHAEL J. PETERSON  
 REF. DWG. No. I-HP-1004  
 U.S. Pat. No. 2,148,878

SOUL-DH-I  
 1/2" = 10' H.C. & H.P.



MORRISON CONSTRUCTION CO.  
 ENGINEERING  
 NOT FOR PRODUCTION  
 HORIZONTAL ONLY  
 FEB 10 1983  
 John Morrison  
 PROJECT ENGINEER

REVISIONS		DATE	BY
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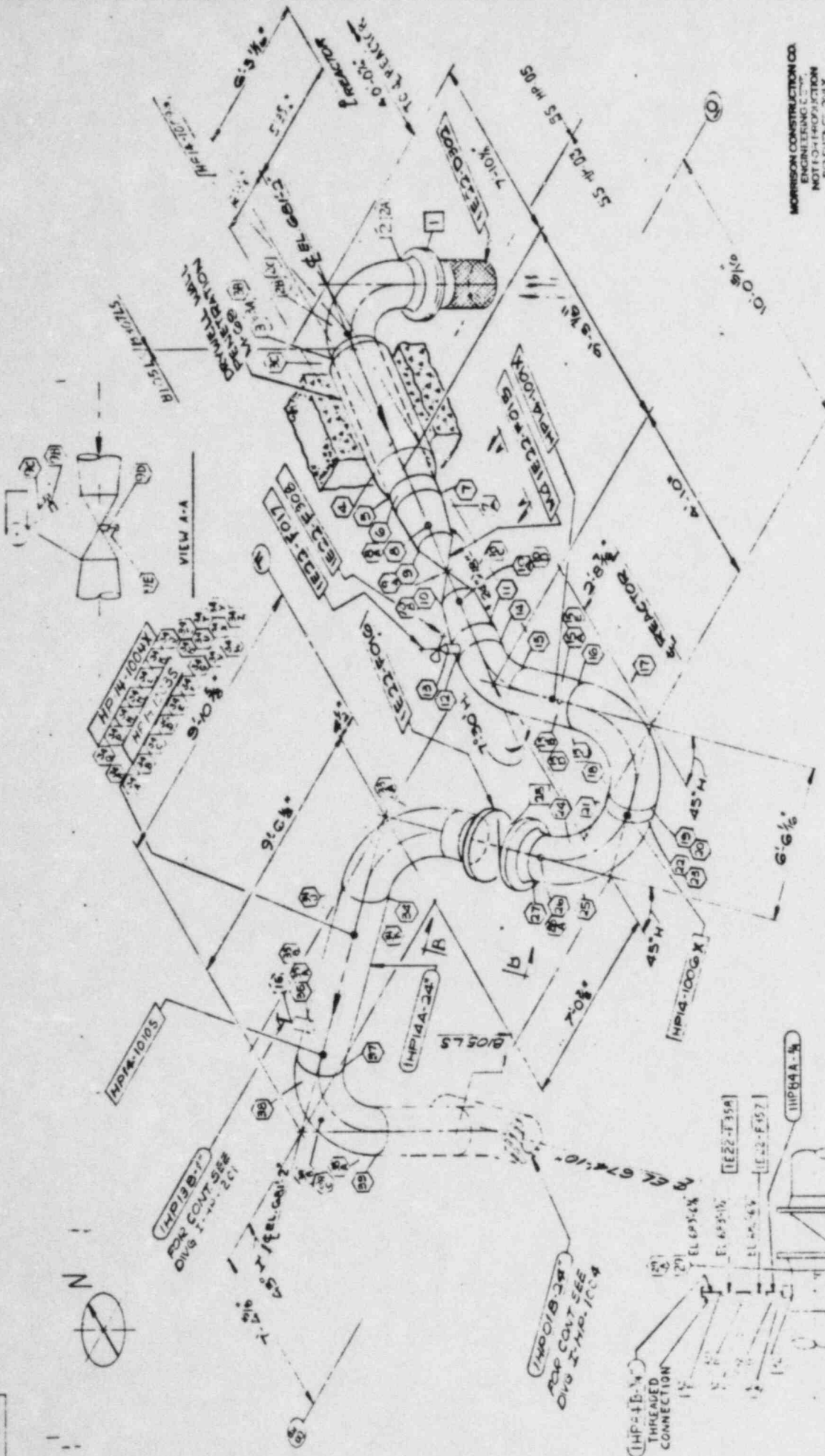
MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

PROJECT NO. 3448  
 SHEET NO. 14 F  
 DATE 12/14/82  
 DRAWN BY J.M.F.  
 CHECKED BY J.M.F.  
 APPROVED BY J.M.F.

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSPECTION  
 HIGH PRESSURE CONF. N-TRAY  
 WOODRIDGE, ILL.  
 PROJECT NO. I-HP-1005



HP-1007 SUB STS: HP 03, HP 05



MORRISON CONSTRUCTION CO.  
ENGINEERING CO.  
NOT FOR PROJECTION  
REVISED JULY

REVISIONS

NO.	REVISED	DATE	BY	CHKD.
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50		11/23/83		

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

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

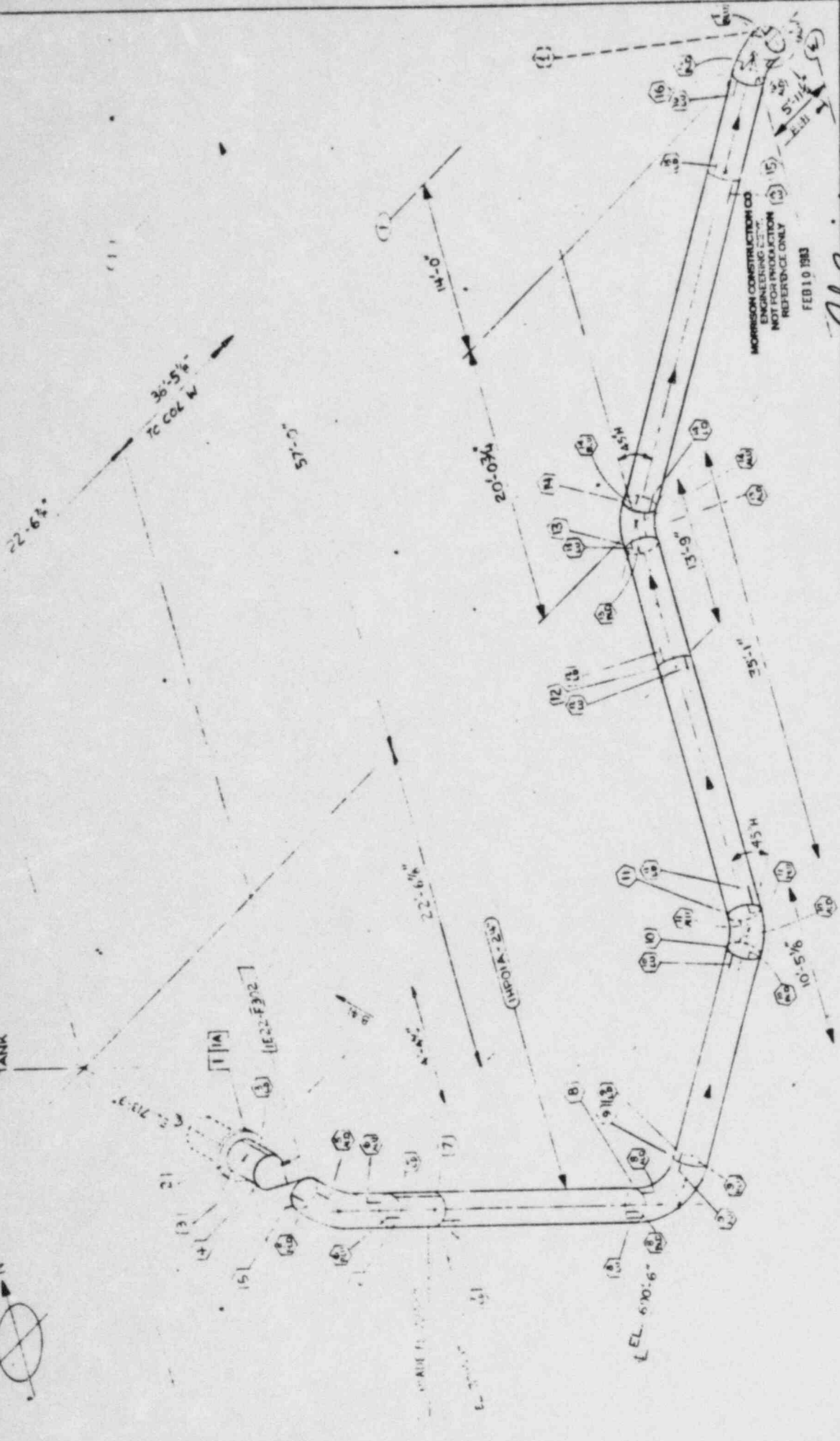
REF. DWG. NO. HP-1007  
REVISED JULY 1983

HP-1007

11)1-d'11



ICYOIT  
CYCLED CONDENSATE  
TANK



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

REVISIONS		DATE	
NO.	DESCRIPTION	BY	DATE
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MORRISON CONSTRUCTION CO.  
INDIANA

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1&2  
LA SALLE, ILLINOIS  
HIGH PRESSURE COOLING SYSTEM

DATE: FEB 10 1983

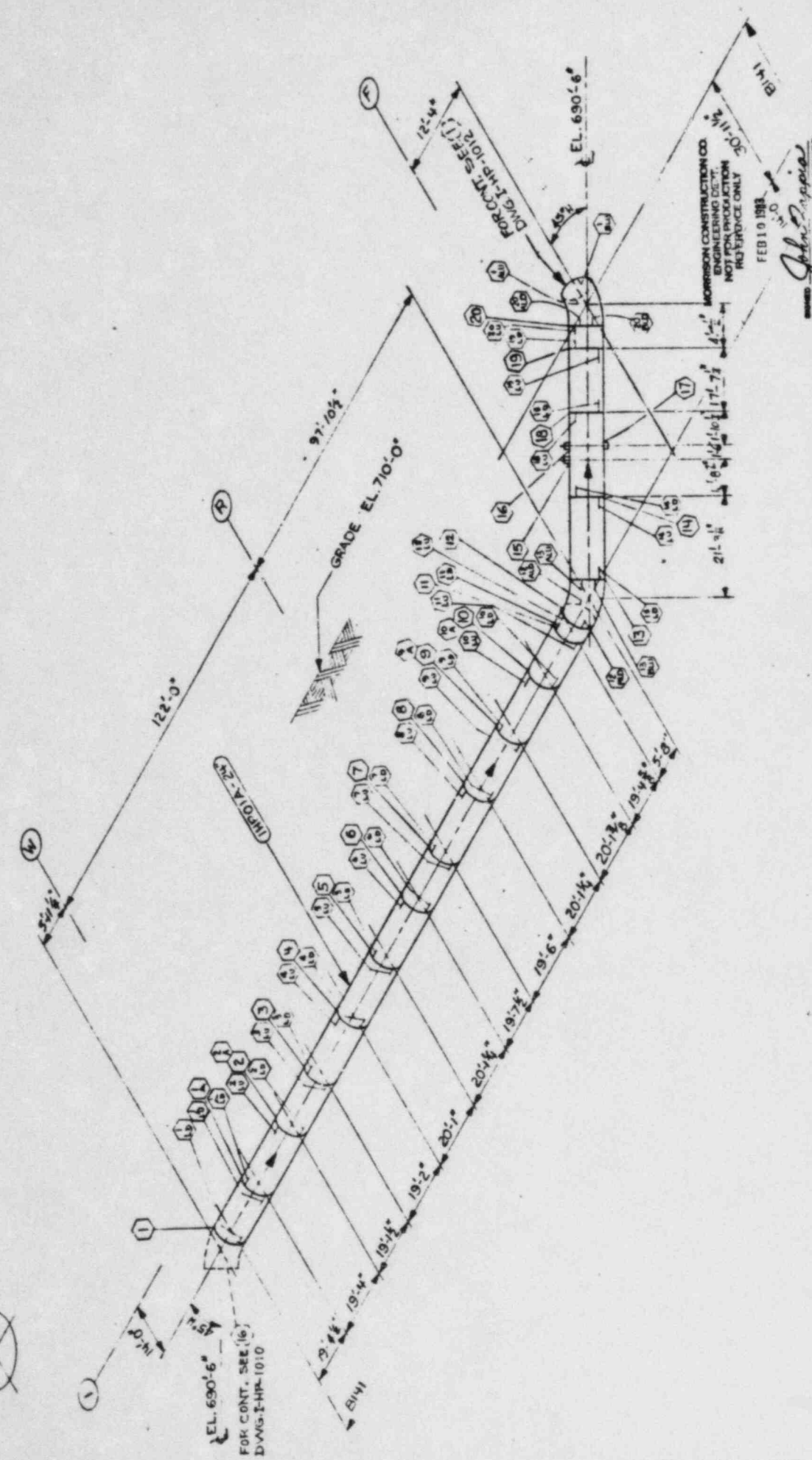
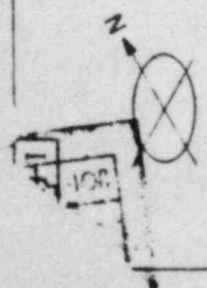
PROJECT NO. 3446

DATE: FEB 10 1983

PROJECT: LA SALLE COUNTY STATION UNITS 1&2

PROJECT: HIGH PRESSURE COOLING SYSTEM

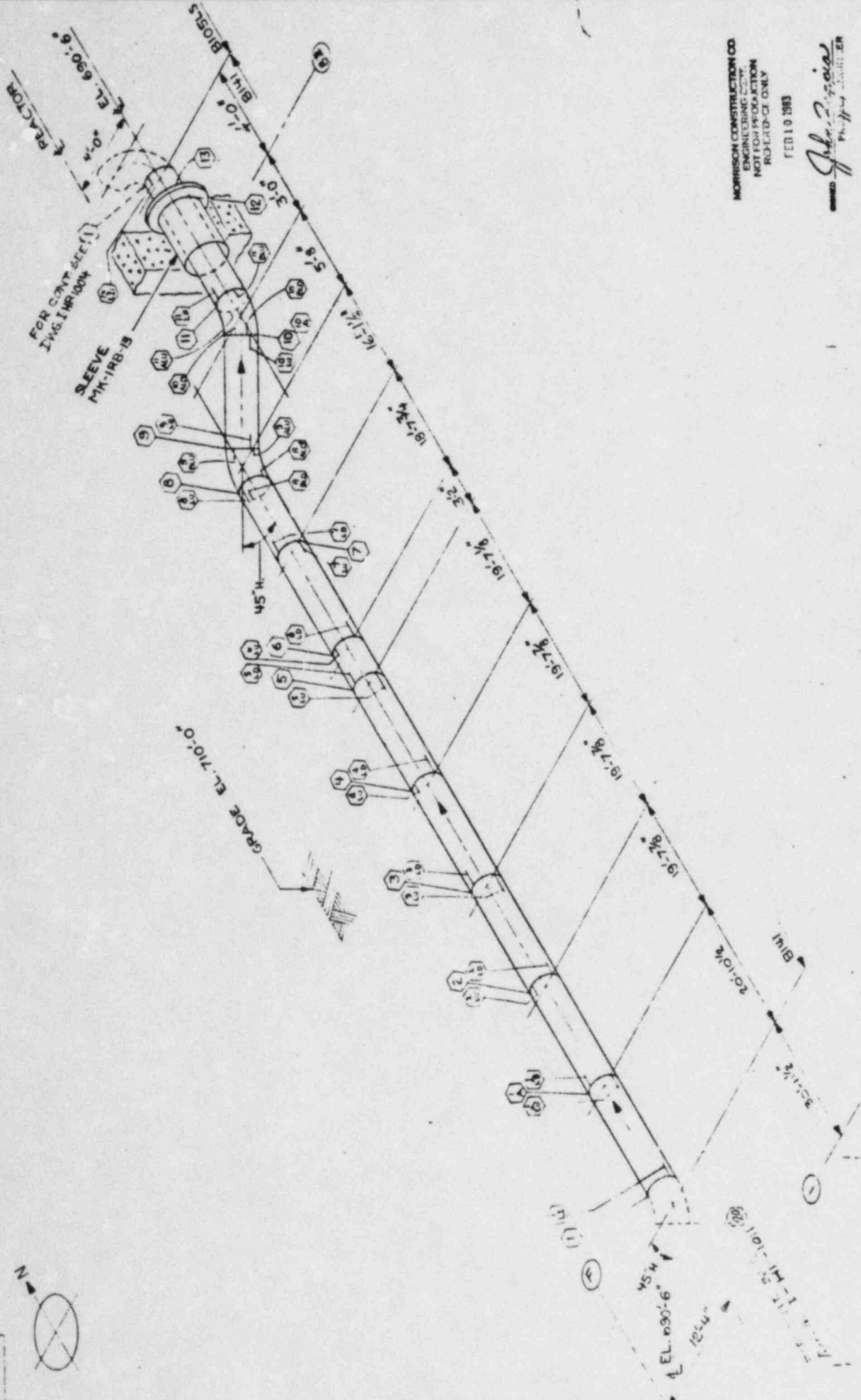
PROJECT: I-HP-K10



REV	DATE	DESCRIPTION
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20	6-2-70	REVISED TO SHOW HP CORE

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA  
 FEB 10 1983  
 JOHN MORRISON  
 ENGINEERING DESIGN  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 JOB NO. 1448  
 DRAWING NO. 1-HP-1011  
 DATE 2-17-78  
 CHECKED BY  
 APPROVED BY  
 BASED ON AS-ME SECT X-6  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSULATED IN-SECTION  
 HIGH PRESSURE CORE SHAFT  
 REF. DWG. NO. 1-HP-1010  
 M.C.C. 100-100  
 M.C.C. 100-100

1-HP-1012



MORRISON CONSTRUCTION CO.  
ENGINEERING DIVISION  
NOTED FOR PRODUCTION  
REVISIONS ONLY

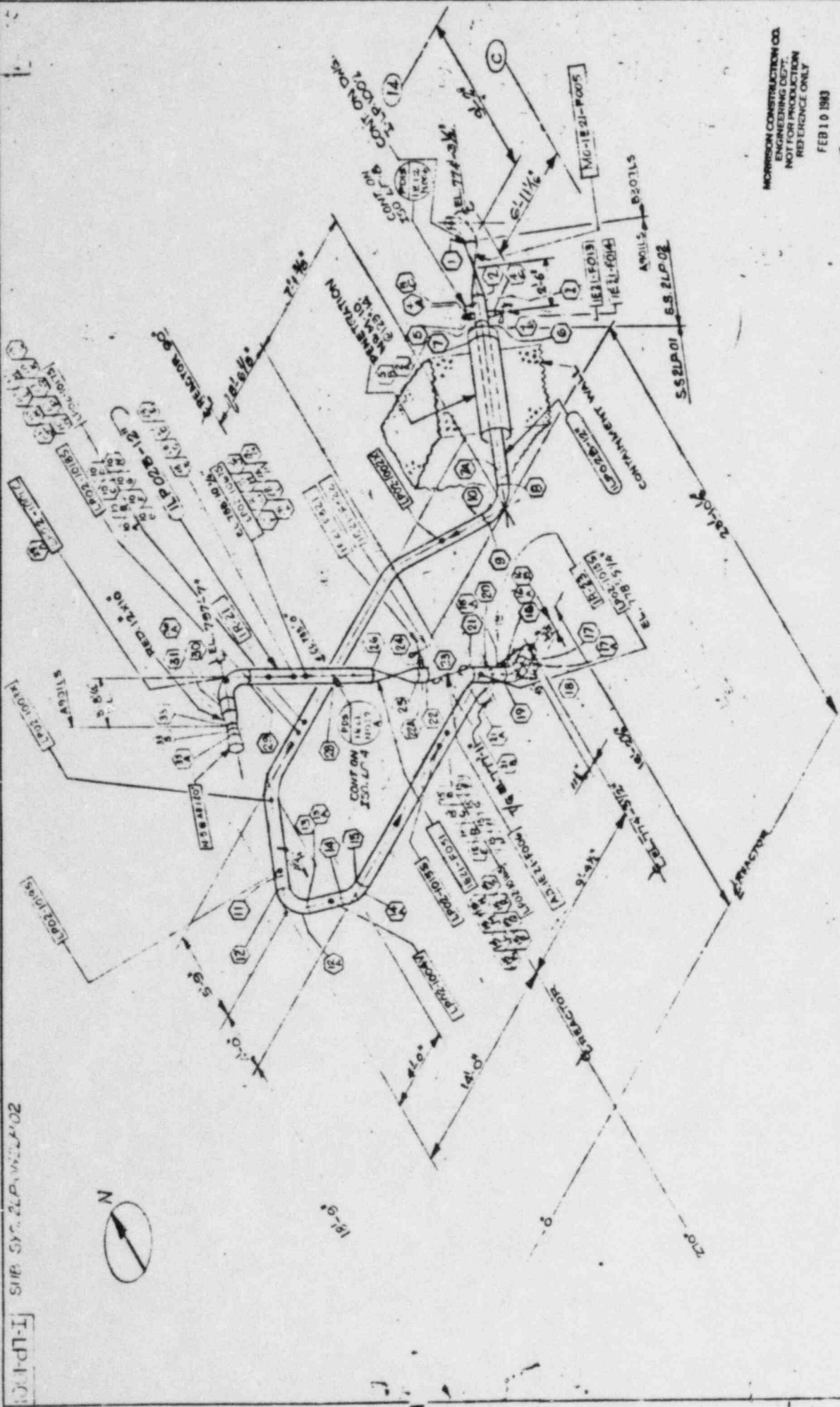
FEB 10 1983

*John J. Spica*  
REGISTERED PROFESSIONAL ENGINEER

REVISIONS		MORRISON CONSTRUCTION CO. MILWAUKEE, INDIANA	
REV.	DESCRIPTION	DATE	BY
1	AS SHOWN	6-2-78	JMS
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COMMONWEALTH OF INDIANA  
LA SALLE COUNTY STATION UNITS 1 & 2  
HIGH PIPES-LIKE CONH : PRAY  
MCCOY 150 8  
1-HP-1012

T-1LP-1001  
SIB SYC 2LP.VN.CF02



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

*John Zappala*  
REGISTERED ENGINEER

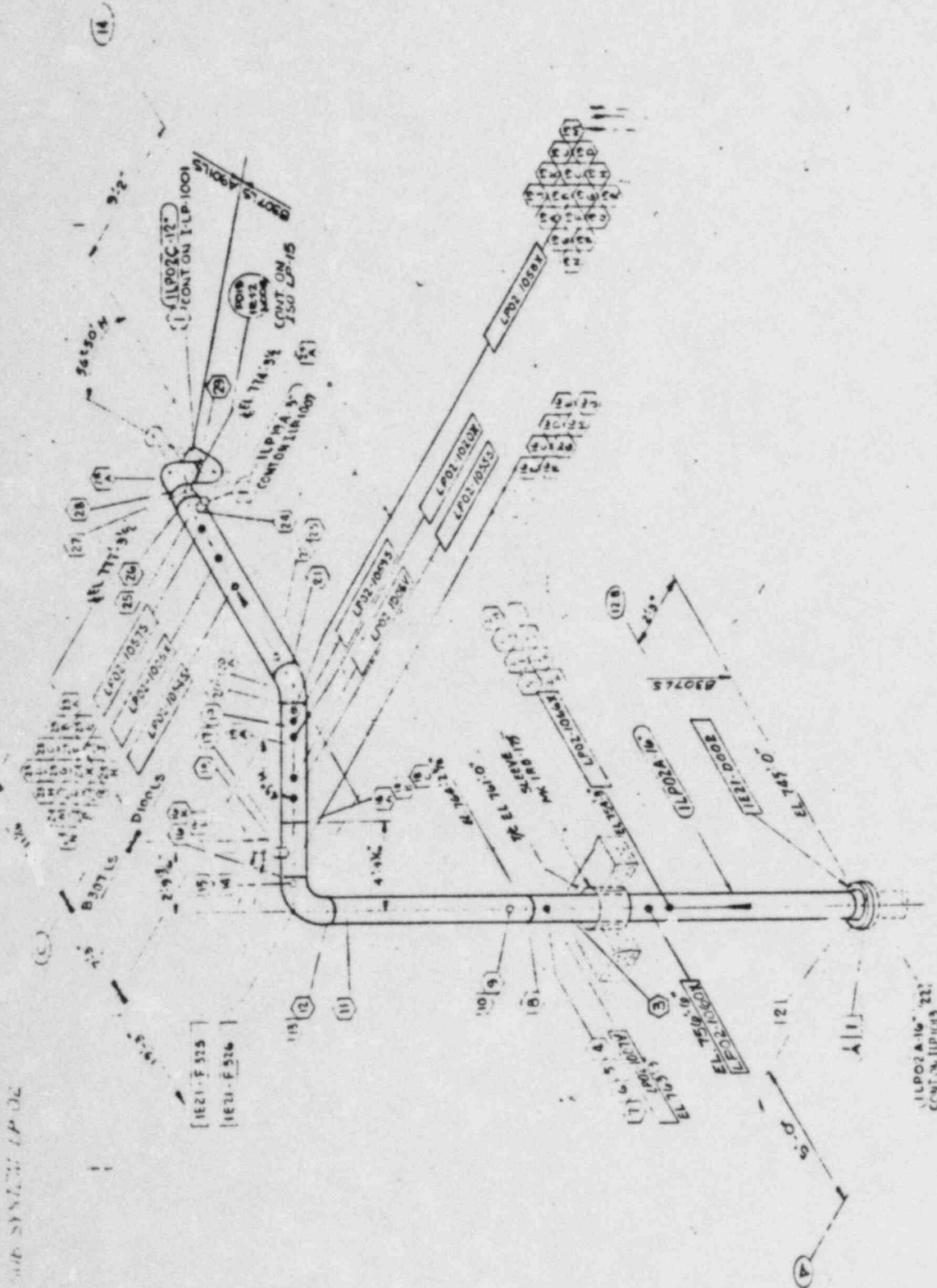
MORRISON CONSTRUCTION COMPANY  
HARTFORD, INDIANA  
SCALE NOTE: DRAWING IS TO BE USED AS A REFERENCE ONLY  
DATE: 11-27-77  
LA SAGE CONSULTANTS  
LOW PRESSURE CORE TRAY NORTH LOOP  
REF: DNG 14-94/5, 11-87/14, 87-237/1, T-1LP-1001

REVISIONS	
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11-27-77  
DRAWING NO. 2473



3001-71 I-LP-1002



MORRISON CONSTRUCTION CO.  
 ENGINEERING DEPT.  
 NOT FOR CONSTRUCTION  
 REVISIONS ONLY  
 FEB 13 1983

*John J. Morrison*  
 PROJECT ENGINEER

TRAILER  
 UP 2

LINE NO  
 11742316

REV	DATE	DESCRIPTION
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MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

JOB No. 3444 P. 004 2ND SHP  
 151 BALSLEY CIRCLE, S.E. 4TH FL.  
 HAMMOND, IN 46324  
 APPROV. 2/1/83

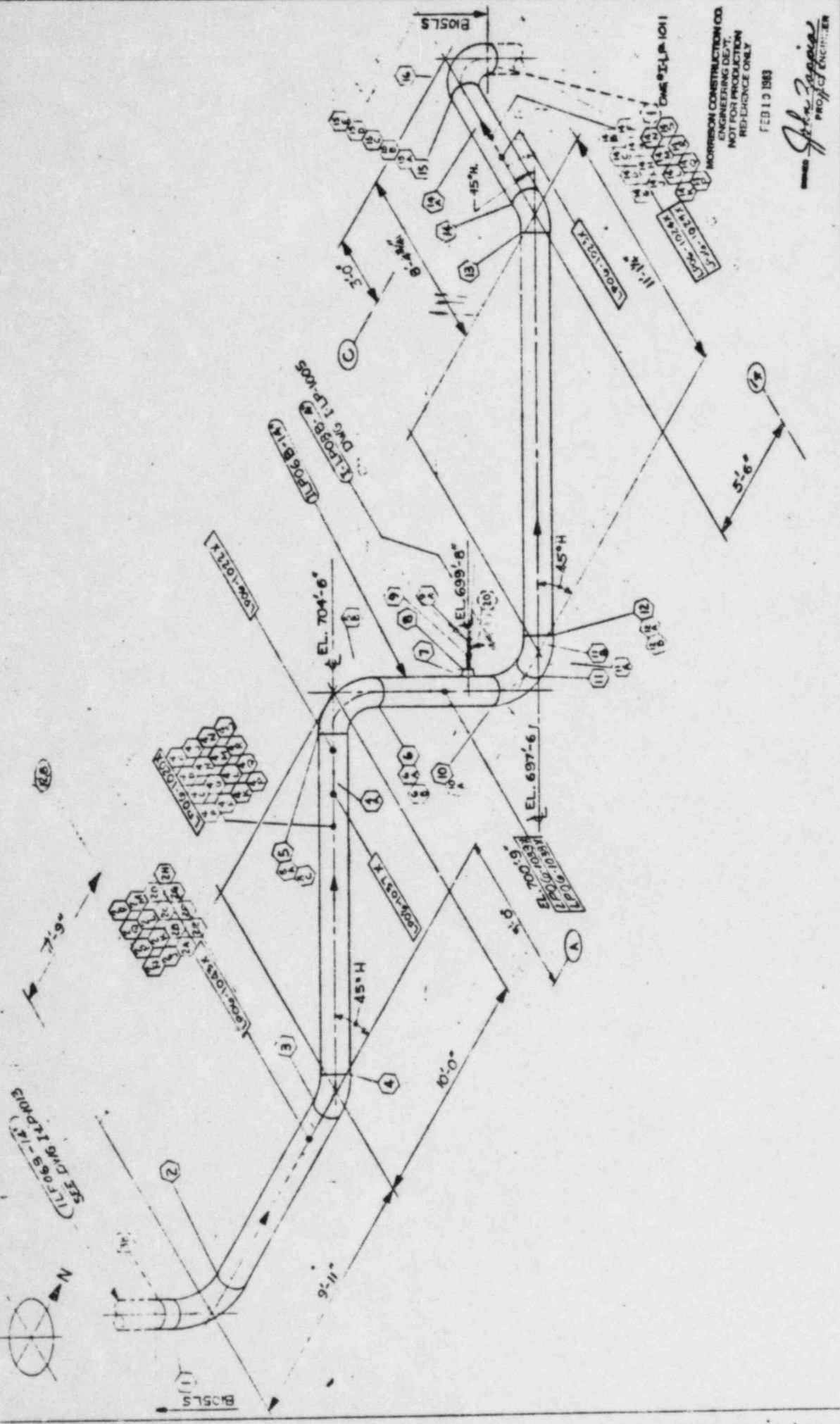
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 DATE 4-1-83

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

PROJECT NO. 11742316  
 SHEET NO. 11742316-1

1-LP-1002





Sub-System LP-02



SEE DWG T.P. 1003 (LP02-1)

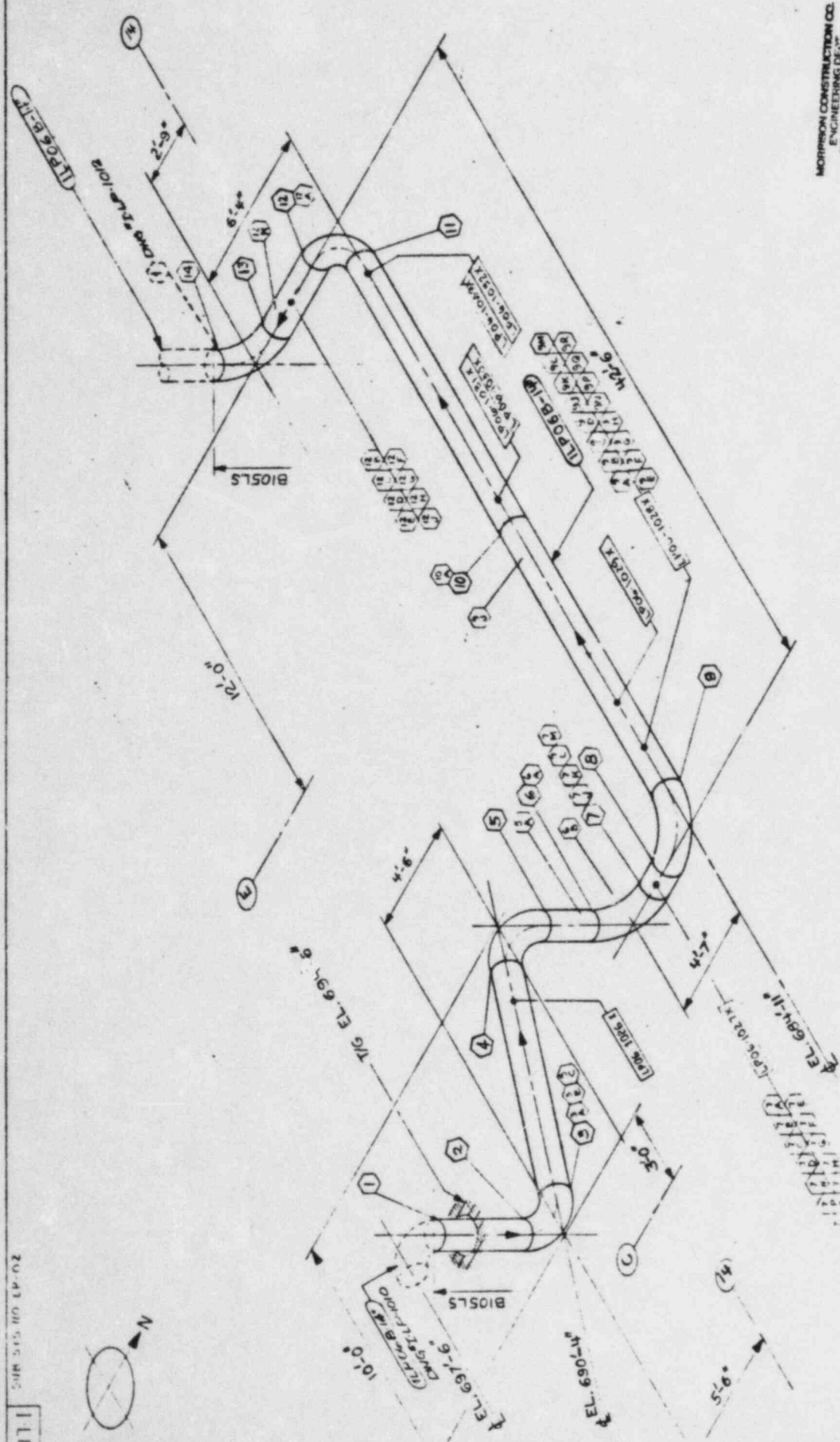
MORRISON CONSTRUCTION CO.  
 ENGINEERING DEPT.  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 FEB 13 1983  
 J. L. Joppa  
 Professional Engineer

LINE NO. ILP02B14  
 TRAVELER LP-05

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

Job No. 3444	In. 900 x 300	Date 2-2-77
EST. BASIN ON ASHME SEC. 21	Checked J.S.	Date 3-2-77
ME. CO. NO. 18-28-274	Approved J.L.J.	Date 3-2-77
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2		
INSPECTION SERVICE		
L. J. Egan PRESSURE TREATMENT		
REF. Dwg. No. I-LP-101	Scale 1/8" = 1'-0"	Project No. I-LP-1010

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MORRISON CONSTRUCTION CO.  
ENGINEERING DEPT.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
FEB 13 1983

*John J. Morrison*  
PROJECT ENGINEER

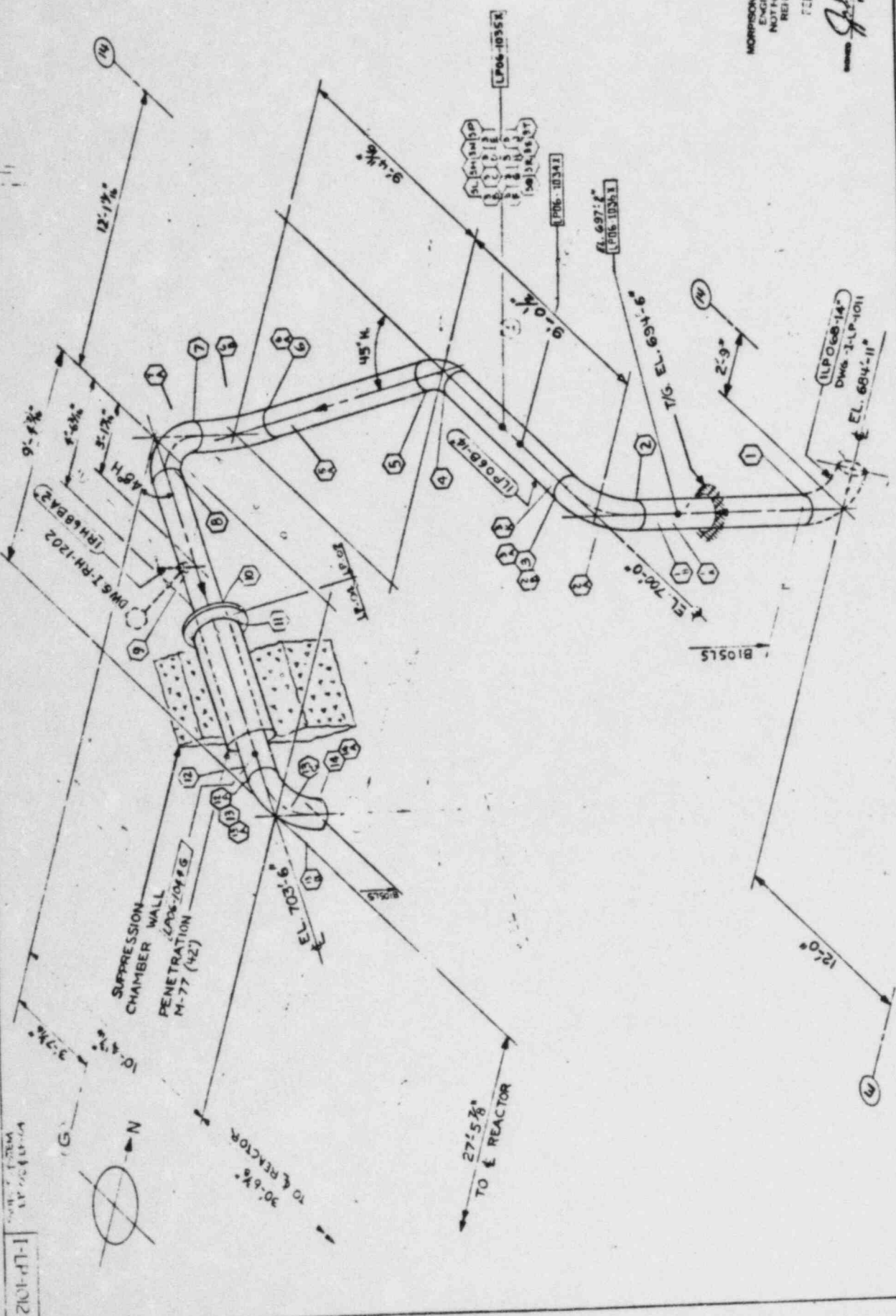
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20-A-100 LP-02  
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10 LP04B-14 TR NO LP-15

I-LP-101



MORRISON CONSTRUCTION CO.  
 ENGINEERING DEPT.  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 FEB 10 1982

*J. L. Zappala*  
 PROJECT ENGINEER

2101-11-1

LINE NO. 1LPO6B-14" TR° LP-T-5

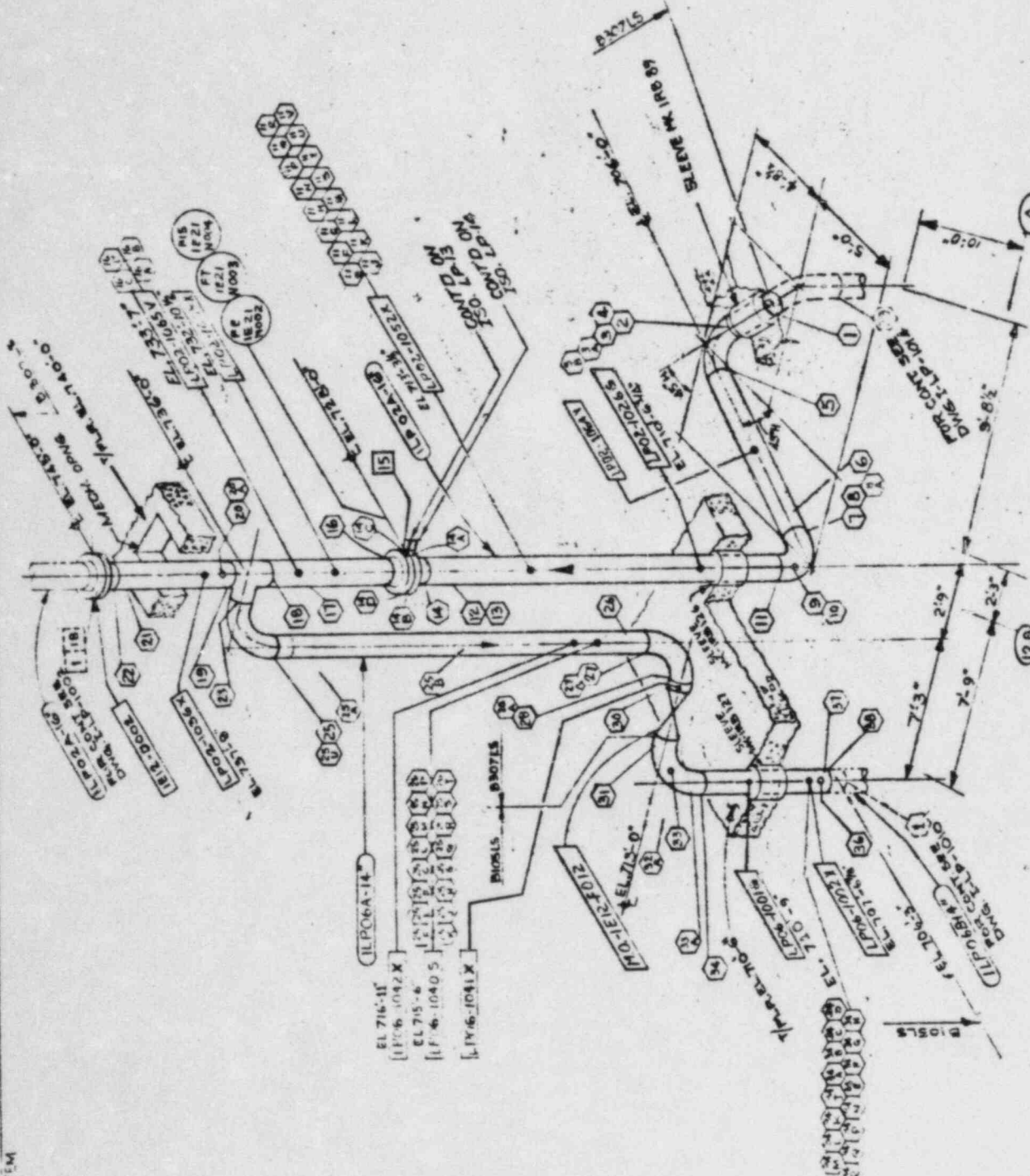
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MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

JOB NO. 8888 TR 040 888 887  
 DRAWING NO. 14-101  
 COMMONWEALTH EDISON CO. PROJECT  
 COMMONWEALTH EDISON CO. PROJECT  
 INC. LA SALLE COUNTY STATION UNITS 1 & 2  
 J. LA SALLE COUNTY STATION UNITS 1 & 2  
 LOW PRESSURE STEAM SPRAY

DATE 11-18-81  
 DRAWN BY J. L. ZAPPALA  
 CHECKED BY J. L. ZAPPALA  
 APPROVED BY J. L. ZAPPALA

PROJECT NO. 1-LP-1012  
 WCCO NO. 8888 TR 040 888 887



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

REVISIONS		DATE	
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MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

JOB NO. 9999  
 PROJECT: LA SALLE COUNTY STATION UNITS 1 & 2  
 DRAWING: CORE SPRAY  
 DATE: 2-20-83

DESIGNED BY: JZ  
 CHECKED BY: JZ  
 APPROVED BY: JZ

LA SALLE COUNTY STATION UNITS 1 & 2  
 IN SERVICE INSPECTION  
 LOW PRESSURE CORE SPRAY

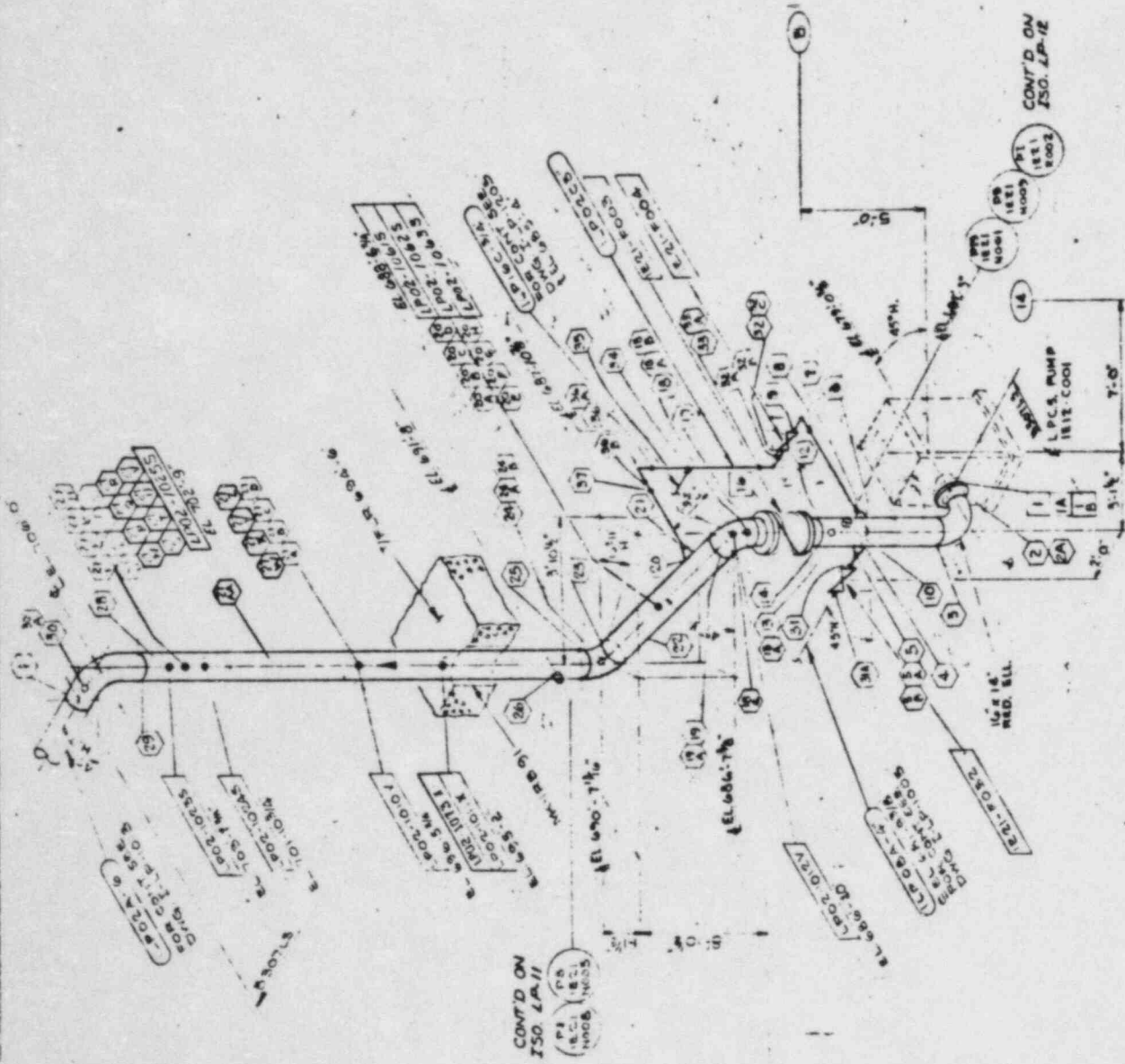
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 DATE: 2-20-83

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LP-2	LP02A-17
LP-3	LP02A-18
LP-4	LP02A-19
LP-5	LP02A-20

1-LP-1013

5114-471  
SUB SYSTEM  
LP-02

I-LP-1014



MORRISON CONSTRUCTION CO.  
ENGINEERING DEPT.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
FEB 13 1983  
*John J. Morrison*  
PROJECT MANAGER

REVISONS		DATE		BY		REASON	
1	ISSUED	2/13/83	JJM				
2	REVISION						
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18	REVISION						
19	REVISION						
20	REVISION						

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

PROJECT NO. 1811-000000  
DATE 2/13/83  
DRAWN BY JJM  
CHECKED BY JJM  
APPROVED BY JJM  
DATE 2/13/83

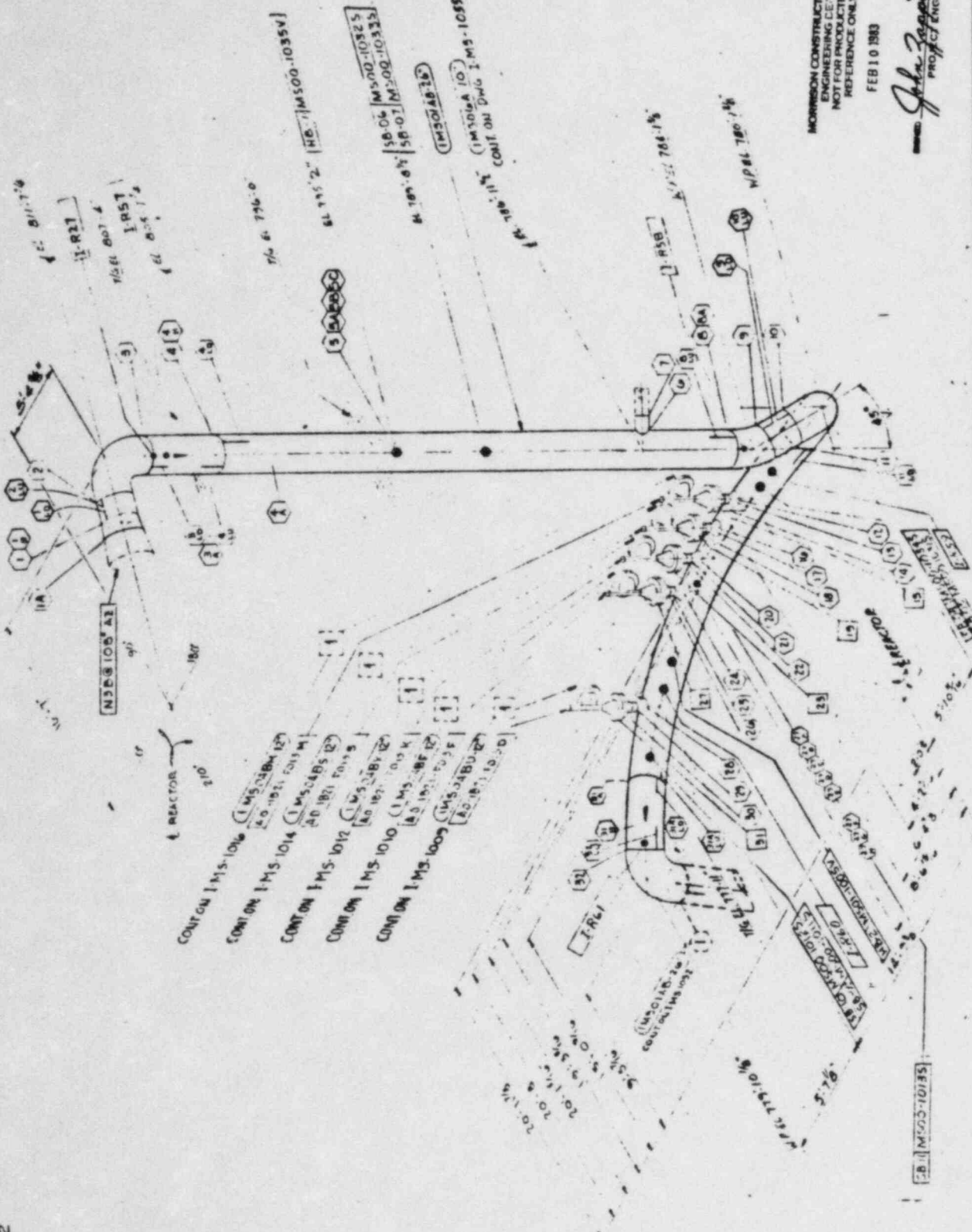
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 182  
INSERVICE INSPECTION  
FOR PRESSURE CORE SPRAY 275 V

PROJECT NO. 1811-000000  
DRAWING NO. I-LP-1014

LINE NO. 1811-000000  
TRAVELER LPT-2







*John Zappia*  
PROJECT ENGINEER

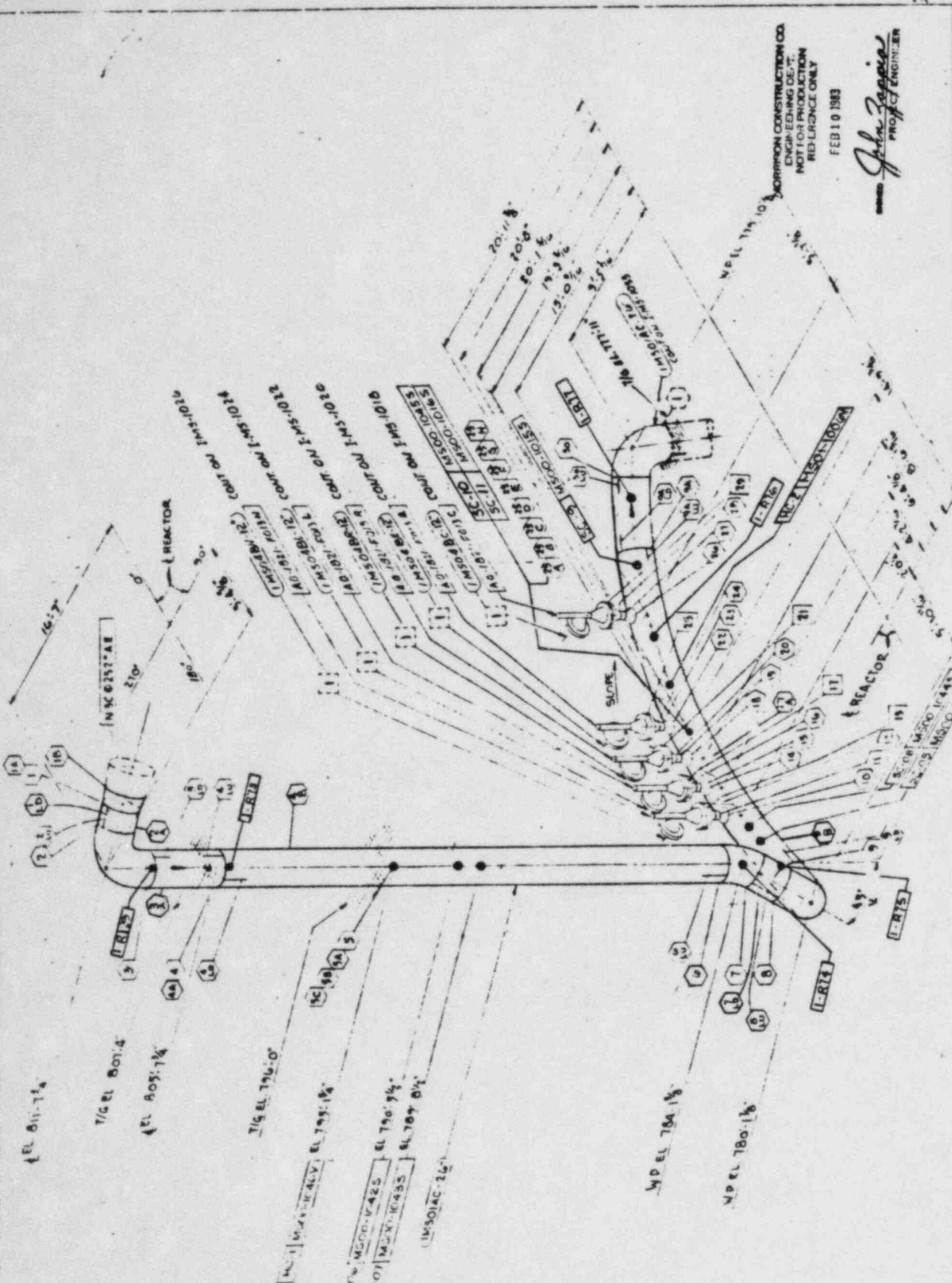
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1-MS-1002  
MS-143

M. J. ...  
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1-MS-1002  
MS-143

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S-4  
MAY 55

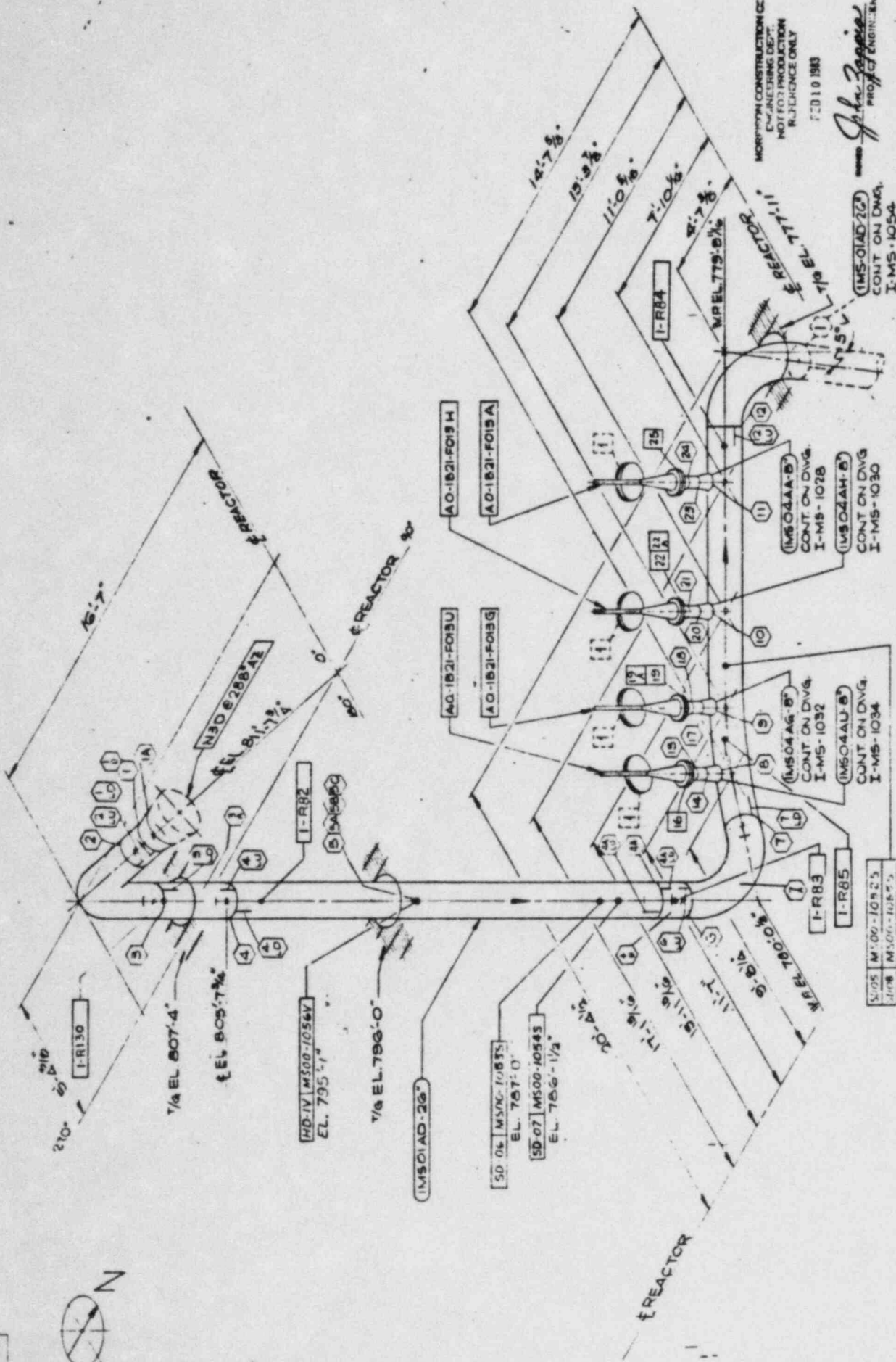


MORRISON CONSTRUCTION CO.  
ENGINEERING DEPT.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
FEB 10 1983  
*John Zappa*  
PROJECT ENGINEER

REVISIONS		MORRISON CONSTRUCTION CO. HAMMOND, INDIANA	
REV	DESCRIPTION	DATE	BY
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2	REACTOR I	7-17-72	JZ
3	REACTOR II	7-17-72	JZ
4	REACTOR III	7-17-72	JZ
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14	REACTOR XIII	7-17-72	JZ
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18	REACTOR XVII	7-17-72	JZ
19	REACTOR XVIII	7-17-72	JZ
20	REACTOR XIX	7-17-72	JZ
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23	REACTOR XXII	7-17-72	JZ
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101	REACTOR XL XXX XXX	7-17-72	JZ

TRAVELER - M-T 40  
LINE 187  
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1/4" DIA. 20'  
1/4" DIA. 20'  
1/4" DIA. 20'  
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COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1&2  
INSERVICE INSPECTION  
MAIN STEAM  
MCCO 1809  
I-MS-1003



MORRISON CONSTRUCTION CO.  
ENGINEERING DEPT.  
REFERENCE ONLY  
7-11-1983

*John Zappia*  
PROF. ENGINEER

REVISIONS		DATE	
NO.	DESCRIPTION	BY	DATE
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MS T45

MS T45

MORRISON CONSTRUCTION CO.  
HALLAMORE, INDIANA

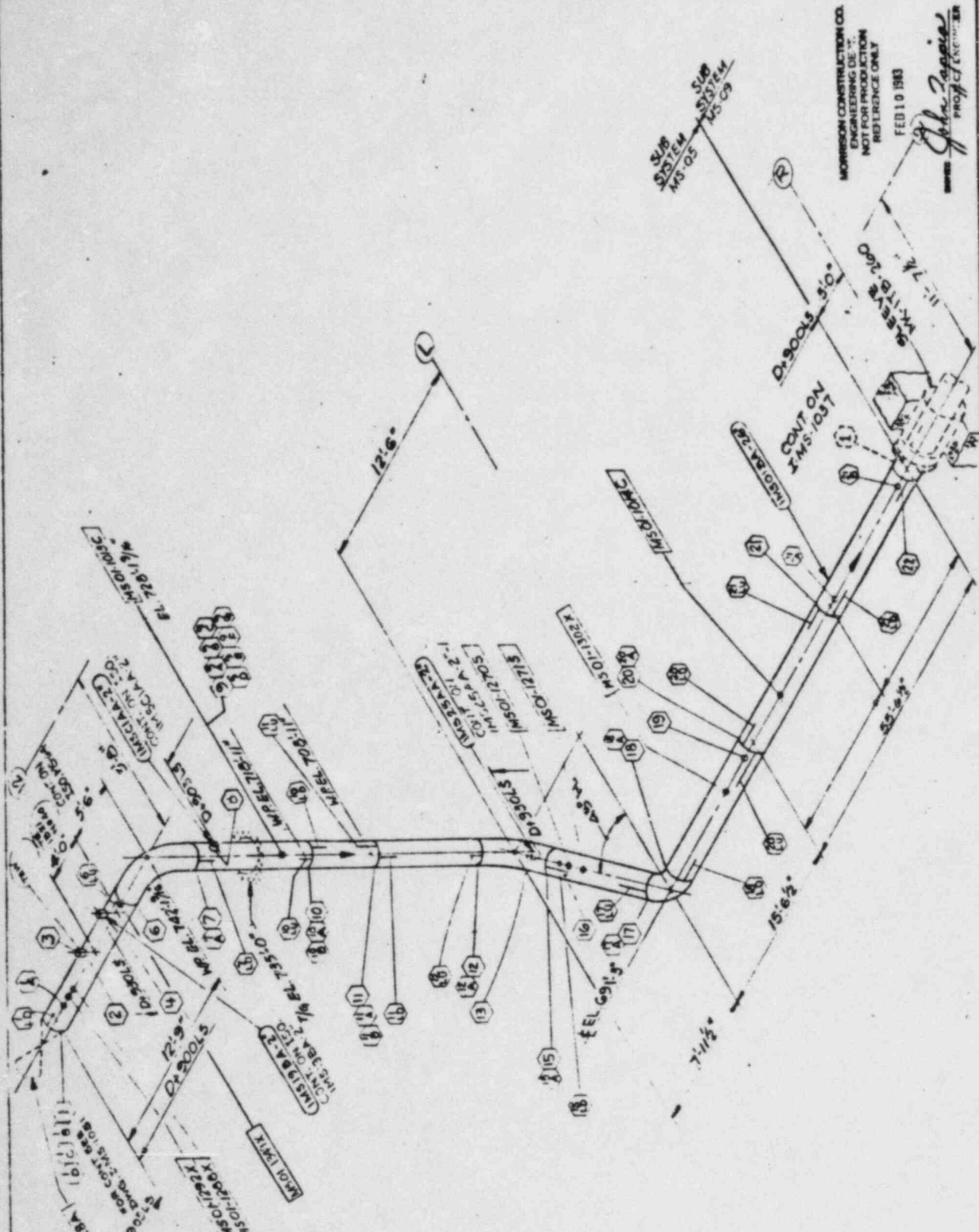
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DATE 8/24/78  
DESIGNED BY J. ZAPPIA  
CHECKED BY J. ZAPPIA  
DATE 8/24/78  
APPROVED BY J. ZAPPIA  
DATE 8/24/78

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

REF. DWG. NO. U-33-101-27-E  
M-800-17-11-10-78

I-MS-1004

93 OF SW  
SUB SYSTEM  
MS-05



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

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

DATE	DESCRIPTION
10/20/82	ISSUED FOR PERMITS
11/10/82	ISSUED FOR PRODUCTION
12/15/82	ISSUED FOR PRODUCTION
01/15/83	ISSUED FOR PRODUCTION
02/10/83	ISSUED FOR PRODUCTION
03/10/83	ISSUED FOR PRODUCTION
04/10/83	ISSUED FOR PRODUCTION
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12/10/83	ISSUED FOR PRODUCTION

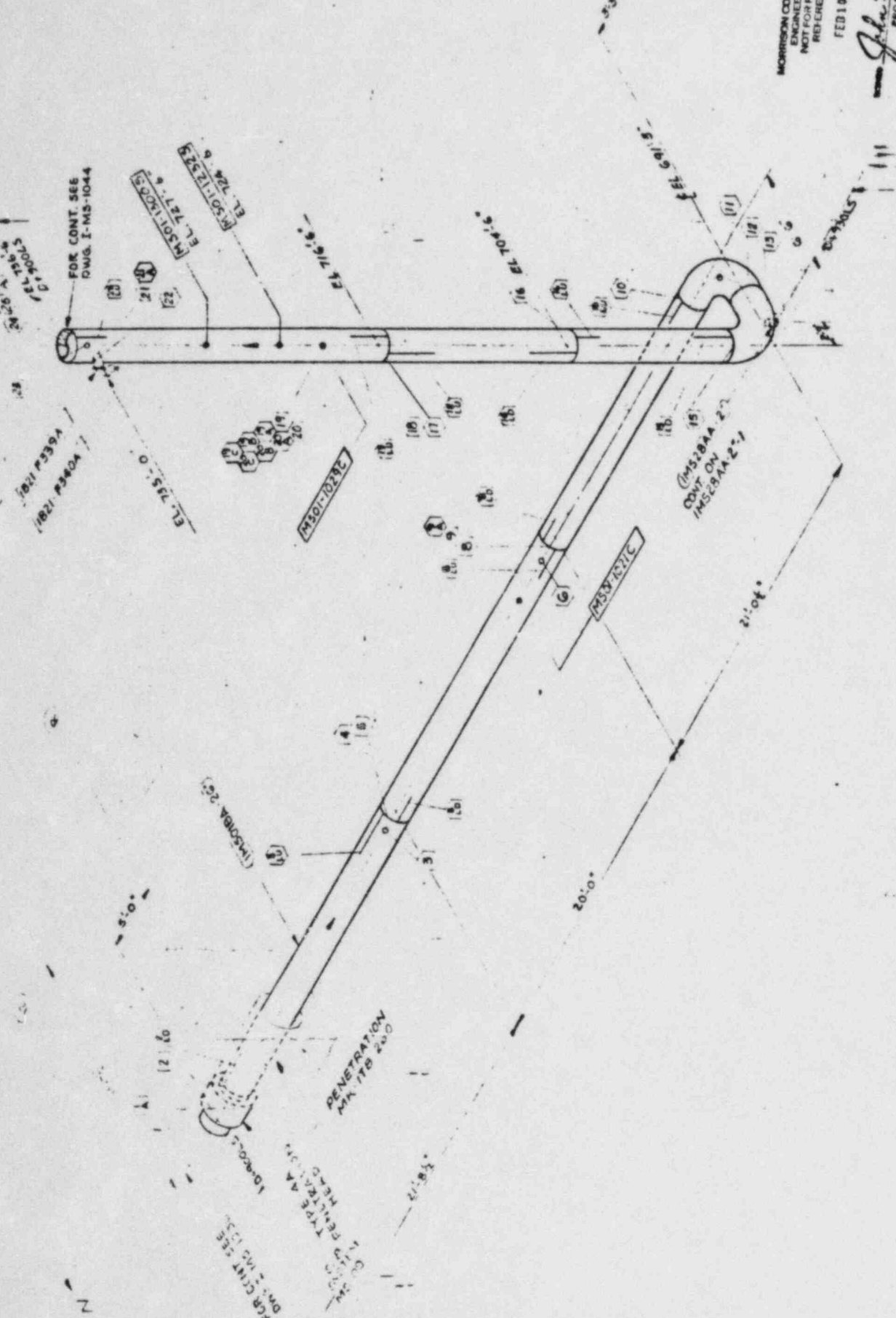
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1&2  
INSERVICE INSPECTION  
MAIN STEAM

PROJECT NO. I-MS-1036

LINE NO. INGOIBA 26  
TRAVELER MS-T-9

2021 I-MS-1037

FOR SYS NO MS-04



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

*John Zappia*  
PROJ. ENG.

MORRISON CONSTRUCTION CO.  
MARIANNA, INDIANA

Job No. 3444 For use only for  
I-MS-1037 ON A-2/E SECT XI  
MCCO-151-OL-2/E

Checked: C. Chen Date: 11.16.82  
Approved: [Signature] Date: [ ]

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

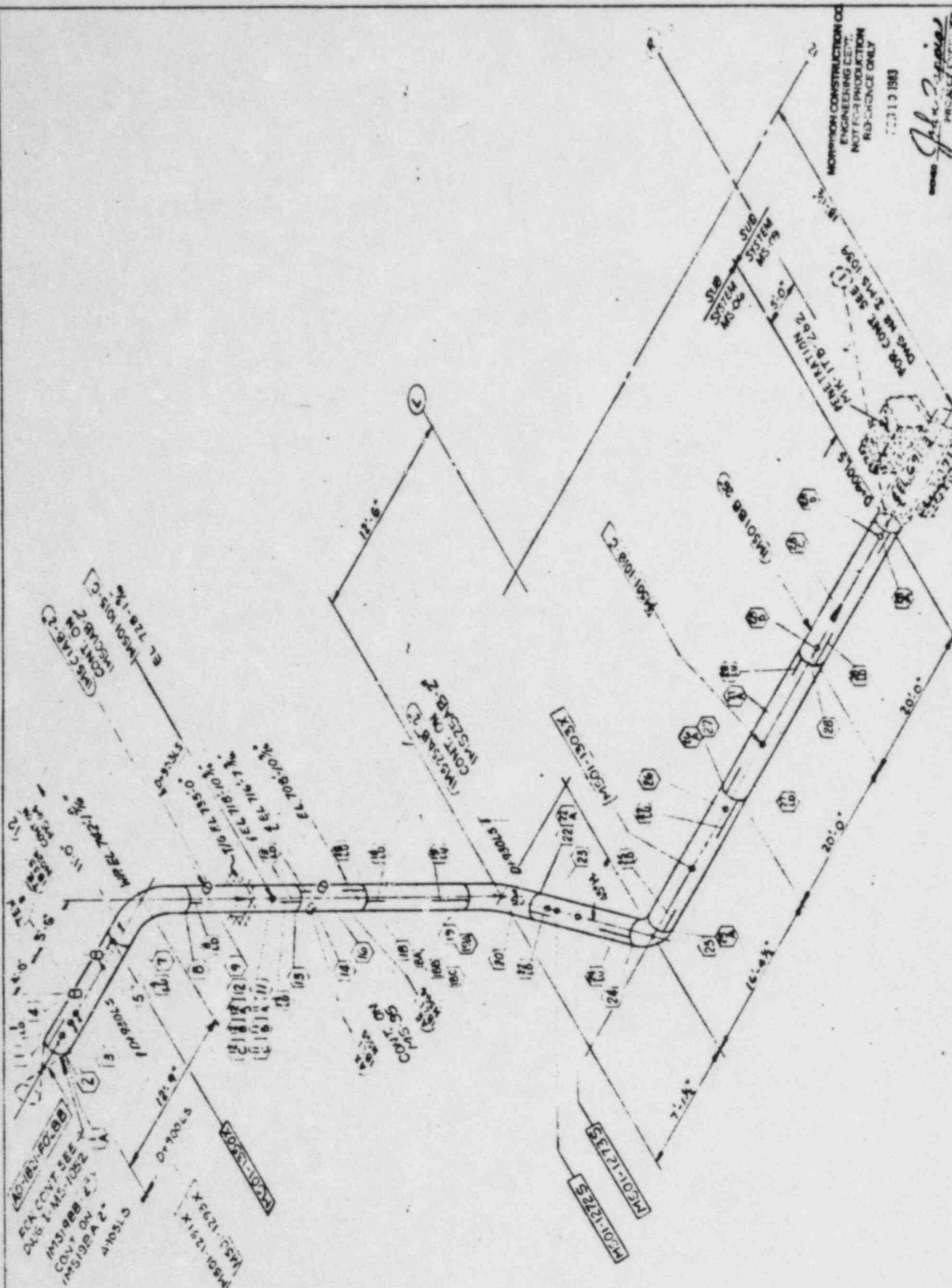
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M. S. O. 211 H. 11.17.82

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23	11-16-82	FOR CONT. SEE DWG. I-MS-1044

LINE NO. IMS018A-2L TR NO MS-79

I-MS-1037

MS-1-5141 SUB SYSTEM M.C.O.



MORRISON CONSTRUCTION CO.  
 ENGINEERING DEPT.  
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 RED-LINE ONLY  
 APR 11 1988

FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 002

FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 003

FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 004

FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 005

FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 006

FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 007

FOR CONSTRUCTION OF  
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FOR CONSTRUCTION OF  
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FOR CONSTRUCTION OF  
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FOR CONSTRUCTION OF  
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FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 018

FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 019

FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 020

REV.	DESCRIPTION	DATE
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2	REVISION	4/11/88
3	REVISION	4/11/88
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18	REVISION	4/11/88
19	REVISION	4/11/88
20	REVISION	4/11/88

REVISIONS

DATE

DESCRIPTION

1 4/11/88 ISSUED FOR CONSTRUCTION

2 4/11/88 REVISION

3 4/11/88 REVISION

4 4/11/88 REVISION

5 4/11/88 REVISION

6 4/11/88 REVISION

7 4/11/88 REVISION

8 4/11/88 REVISION

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14 4/11/88 REVISION

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16 4/11/88 REVISION

17 4/11/88 REVISION

18 4/11/88 REVISION

19 4/11/88 REVISION

20 4/11/88 REVISION

LINE NO. MSC-1298-26  
 TRAVELER - MS-1-10

MORRISON CONSTRUCTION CO.  
 ENGINEERING DEPT.  
 NOT FOR PRODUCTION  
 RED-LINE ONLY  
 APR 11 1988

FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 002

FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 003

FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 004

FOR CONSTRUCTION OF  
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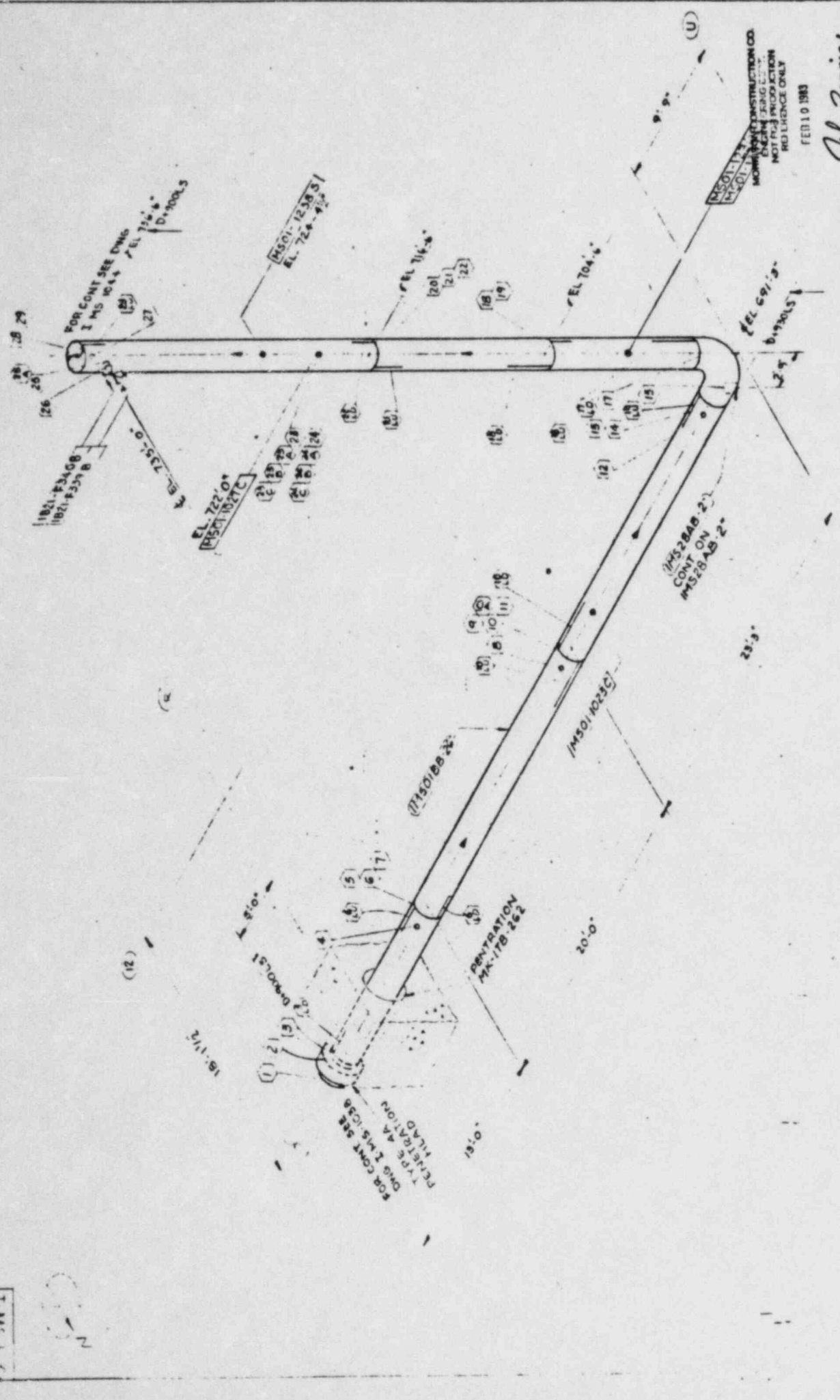
FOR CONSTRUCTION OF  
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FOR CONSTRUCTION OF  
 SUB SYSTEM  
 NO. 020

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

REF. DES. NO. 113  
 H. 600-108  
 I-MS-1038

1-MS-1039



MORRISON CONSTRUCTION CO.  
 ENGINEERING  
 NOT FOR PRODUCTION  
 RED LINC ONLY  
 FEB 10 1983

John Zappala  
 MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

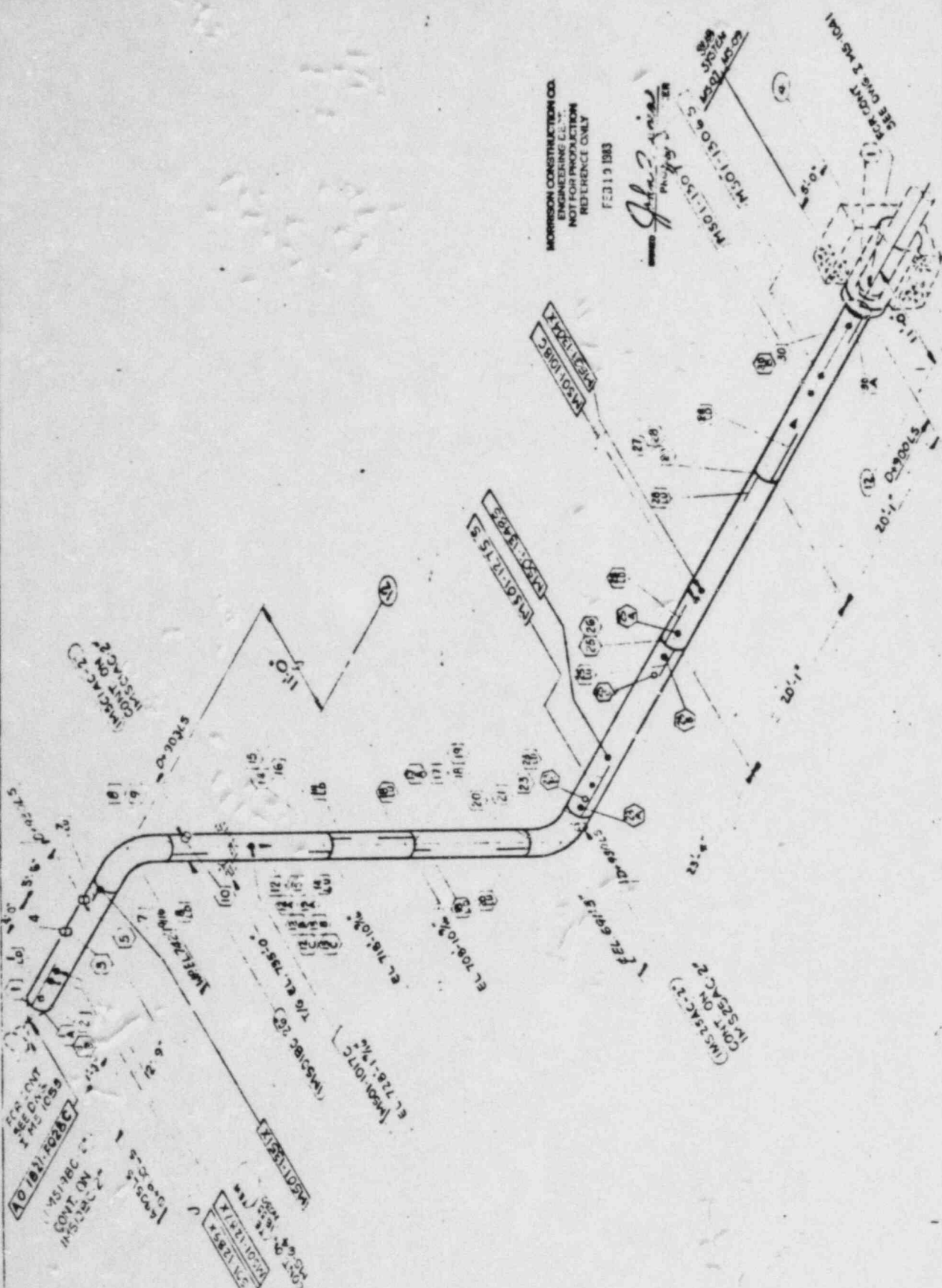
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26	11-17-82	FOR CONT SEE DWG 1 MS 1039
27	11-17-82	FOR CONT SEE DWG 1 MS 1039

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25	11-17-82	FOR CONT SEE DWG 1 MS 1039
26	11-17-82	FOR CONT SEE DWG 1 MS 1039
27	11-17-82	FOR CONT SEE DWG 1 MS 1039

1-MS-1039

C-1-S-14 I  
SUIR SYSTEM  
MS-07



MORRISON CONSTRUCTION CO.  
ENGINEERING E.L.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
FEB 13 1983  
*John S. Morrison*

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

JOB NO. 10000  
DATE 1/27/83  
JOB SET ON A. DE. SECT. XI &  
VICED. 1017-1017E  
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
INSERVICE INSPECTION  
MAIN STEAM

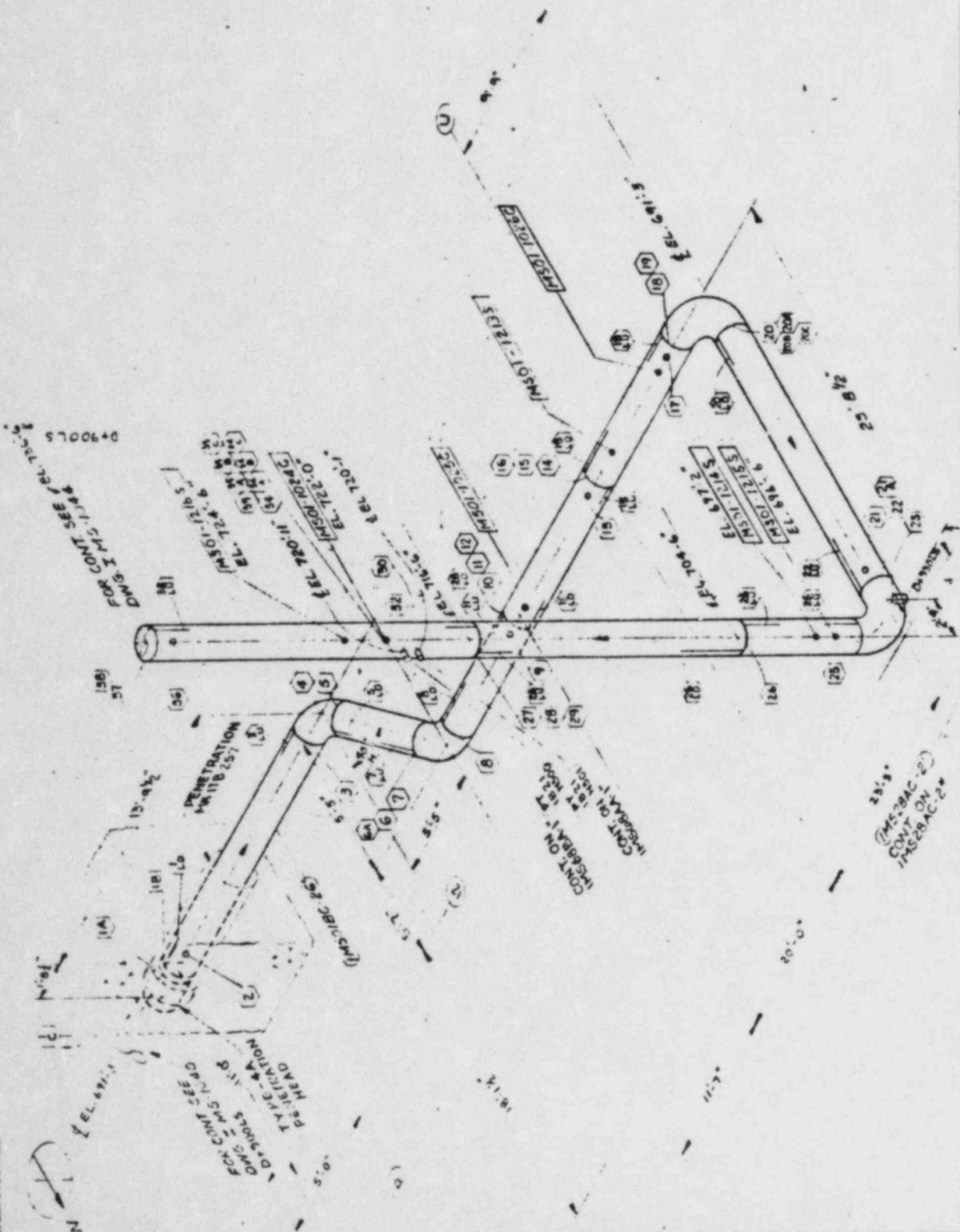
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1017-1017E

MS-07-1017  
I-MS-1040

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4	ADD INST-1017C	1/27/83
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6	ADD INST-1017E	1/27/83
7	ADD INST-1017F	1/27/83
8	ADD INST-1017G	1/27/83
9	ADD INST-1017H	1/27/83
10	ADD INST-1017I	1/27/83
11	ADD INST-1017J	1/27/83
12	ADD INST-1017K	1/27/83
13	ADD INST-1017L	1/27/83
14	ADD INST-1017M	1/27/83
15	ADD INST-1017N	1/27/83
16	ADD INST-1017O	1/27/83
17	ADD INST-1017P	1/27/83
18	ADD INST-1017Q	1/27/83
19	ADD INST-1017R	1/27/83
20	ADD INST-1017S	1/27/83
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23	ADD INST-1017V	1/27/83
24	ADD INST-1017W	1/27/83
25	ADD INST-1017X	1/27/83
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27	ADD INST-1017Z	1/27/83

LINE NO. IMP. OIRC-26  
TRAVELER NO. 111





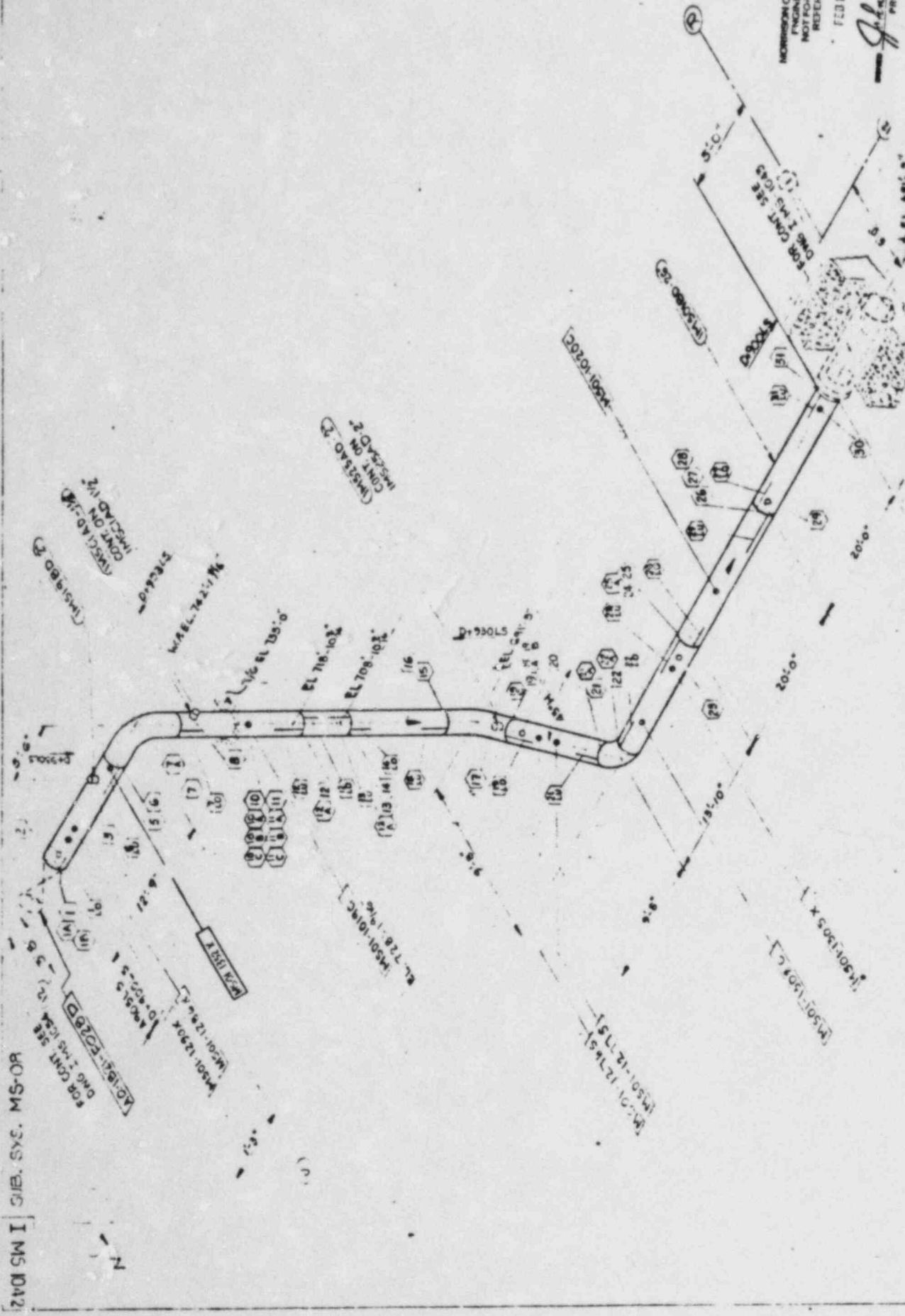
MORRISON CONSTRUCTION CO.  
ENGINEERING  
NOT FOR PRODUCTION  
REFERENCE ONLY  
FEB 13 1983

JOHN Z. ...  
PROJECT ENGINEER

REVISIONS	
NO.	DESCRIPTION
1	REVISED ON STATE SEC II
2	REVISED ON STATE SEC II
3	REVISED ON STATE SEC II
4	REVISED ON STATE SEC II
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30	REVISED ON STATE SEC II

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA  
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1&2  
INSERVICE INSPECTION  
MAIN STEAM  
I-MS-1041  
MS-09BAC 26 T-11

2401 SW I SUB. SEC. M5-OR



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

*John J. Morrison*  
PROJECT ENGINEER

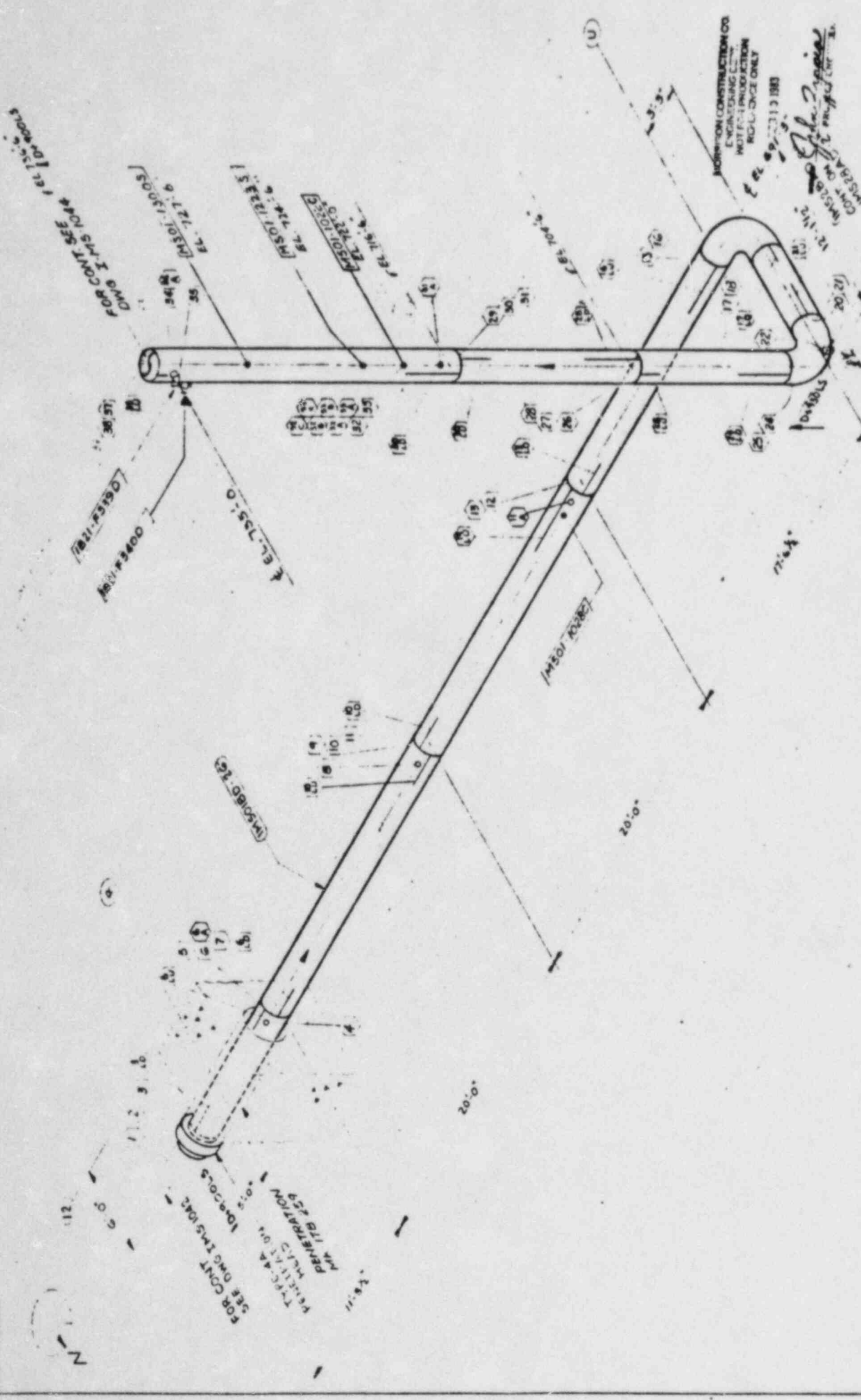
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10	AS SHOWN	11-14-82

MORRISON CONSTRUCTION CO.  
INDIANAPOLIS, INDIANA

PROJECT NO. 1244  
DRAWN BY: J. J. MORRISON  
CHECKED BY: J. J. MORRISON  
DATE: 11-14-82  
APPROVED BY: J. J. MORRISON  
DATE: 11-14-82

LA SALLE COUNTY STATION UNITS 1 & 2  
INSERVICE REFLECTION  
MAIN STEAM

MORRISON I-MS-1042



REVISIONS	NO.	DESCRIPTION	DATE
	1	PRELIMINARY	6/14/36
	2	FOR PRODUCTION	6/14/36

LINE NO. 1MS01B0-26 TR NO. MS-712

PROJECT	NO.	DATE	BY
	1	6/14/36	J. L.

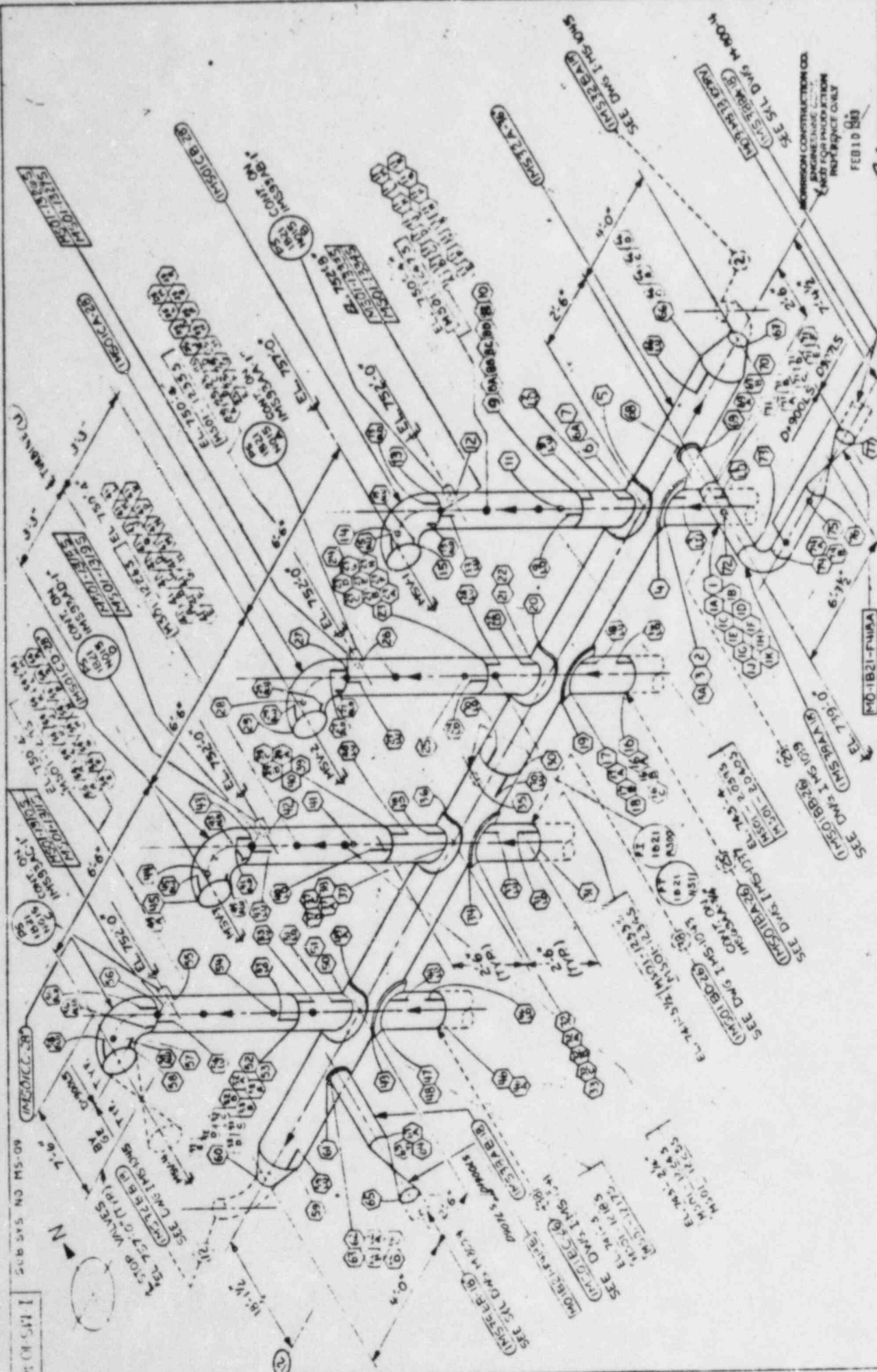
PROJECT: 1MS01B0-26 TR NO. MS-712

MORRISON CONSTRUCTION CO. INDIANAPOLIS, INDIANA	DATE	6/14/36
	CHECKED BY	J. L.
	APPROVED BY	J. L.
	DATE	6/14/36

MORRISON CONSTRUCTION CO.  
ENGINEERING COMPANY  
MOT FOR PRODUCTION  
RIG-L. CYCLE ONLY

INSURANCE INSPECTION  
MAIN STEAM

IMS-1043



MSO-SH I

SUB SYS NO MS-09

TOP VIEWS BY DWGS

(MSOIC 2B)  
EL. 757.0 (TIP)  
SEE DWG TMS-04

(MSOIC 2C)  
EL. 757.0 (TIP)  
SEE DWG TMS-04

(MSOIC 2D)  
EL. 757.0 (TIP)  
SEE DWG TMS-04

(MSOIC 2A)  
EL. 757.0 (TIP)  
SEE DWG TMS-04

(MSOIC 2E)  
EL. 757.0 (TIP)  
SEE DWG TMS-04

(MSOIC 2F)  
EL. 757.0 (TIP)  
SEE DWG TMS-04

TRND MS-T10

IMS 32A 30"

IMS 32B 28"

IMS 32C 28"

IMS 32D 28"

IMS 32E 28"

IMS 32F 28"

IMS 32G 28"

IMS 32H 18"

IMS 32I 18"

REVISIONS

NO	DATE	REVISION
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LINE NO IMS 32A 30"

IMS 32B 28"

IMS 32C 28"

IMS 32D 28"

IMS 32E 28"

IMS 32F 28"

IMS 32G 28"

IMS 32H 18"

IMS 32I 18"

MORRISON CONSTRUCTION CO.  
ELECTRICAL DIVISION  
INSPECTION ONLY  
FEB 10 1980

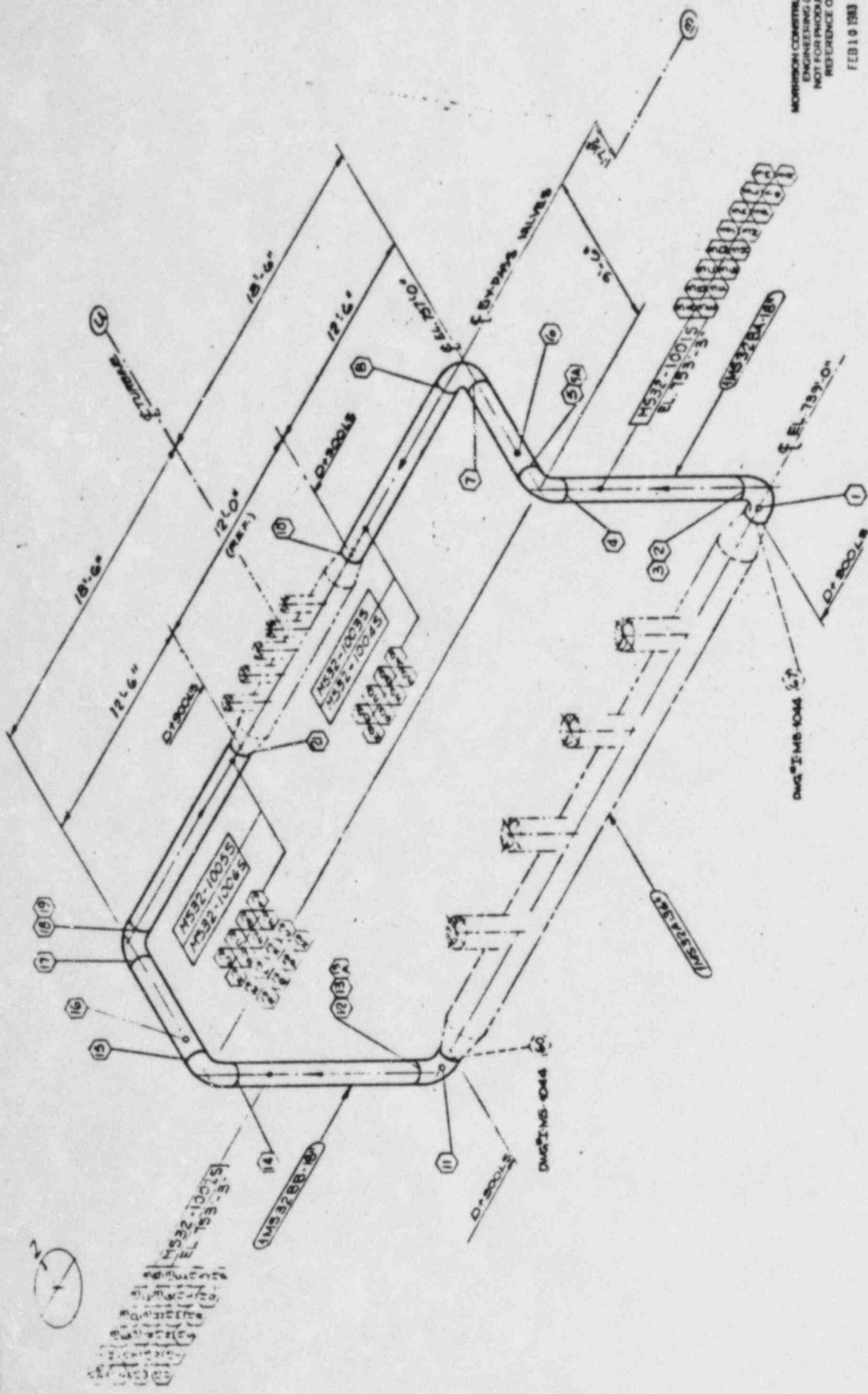
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1&2  
INSPECTION DIVISION  
MAIN STATION

PROJECT NO. 88-88  
SHEET NO. 37 OF 37  
DATE: 1-13-80

MO-1B21-F100A  
EL. 779.0  
SEE DWG TMS-04  
(MSOIC 2B)  
MSOIC 2002  
EL. 753.4  
SEE DWG TMS-04  
(MSOIC 2C)  
MSOIC 2003  
EL. 753.4  
SEE DWG TMS-04  
(MSOIC 2D)  
MSOIC 2004  
EL. 753.4  
SEE DWG TMS-04  
(MSOIC 2E)  
MSOIC 2005  
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SEE DWG TMS-04  
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MSOIC 2006  
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SEE DWG TMS-04  
(MSOIC 2G)  
MSOIC 2007  
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SEE DWG TMS-04  
(MSOIC 2H)  
MSOIC 2008  
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SEE DWG TMS-04  
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SEE DWG TMS-04  
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MSOIC 2011  
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SEE DWG TMS-04  
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MSOIC 2016  
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SEE DWG TMS-04  
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SEE DWG TMS-04  
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MSOIC 2020  
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SEE DWG TMS-04  
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MSOIC 2021  
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SEE DWG TMS-04  
(MSOIC 2V)  
MSOIC 2022  
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SEE DWG TMS-04  
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MSOIC 2025  
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SEE DWG TMS-04  
(MSOIC 2Z)  
MSOIC 2026  
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SEE DWG TMS-04  
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MSOIC 2027  
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(MSOIC 2B)  
MSOIC 2028  
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(MSOIC 2C)  
MSOIC 2029  
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SEE DWG TMS-04  
(MSOIC 2D)  
MSOIC 2030  
EL. 753.4  
SEE DWG TMS-04

I-MS-1044

ST-01 SWI SUB SYS. M-03



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

FEB 10 1983

*John Zappala*  
PROJECT ENGINEER

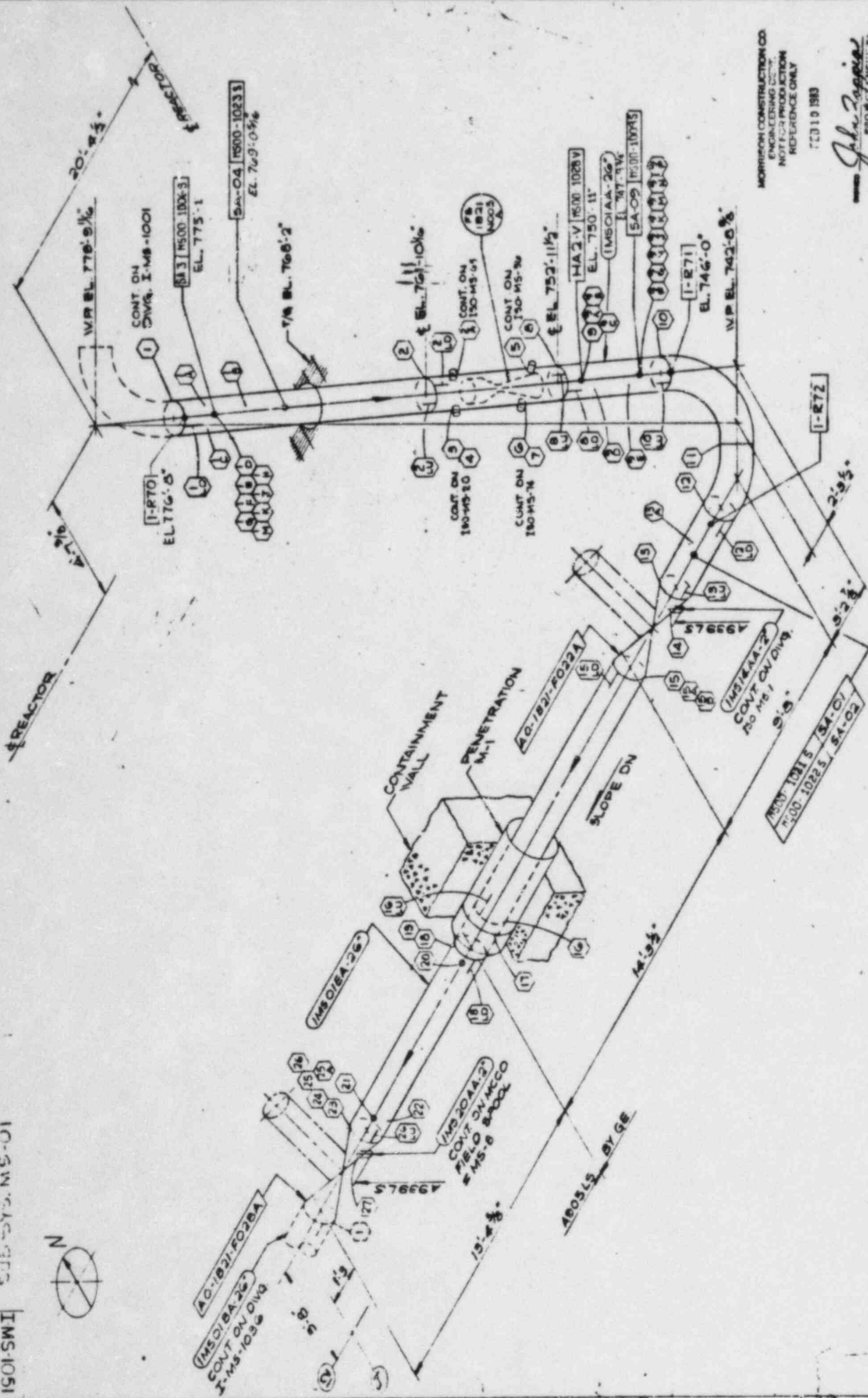
MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

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INC 322B-15 T-15  
IMS 322B-15 T-17

COMMONWEALTH OF INDIANA  
LA SALLE COUNTY STATION UNITS 1 & 2  
INSERVICE INSPECTION  
MAIN STEAM  
MCCOY-213  
M-870-213  
TMS-1045

1501-SWI SUB-SYS. MS-01



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

*John Zappala*  
 PROJECT ENGINEER

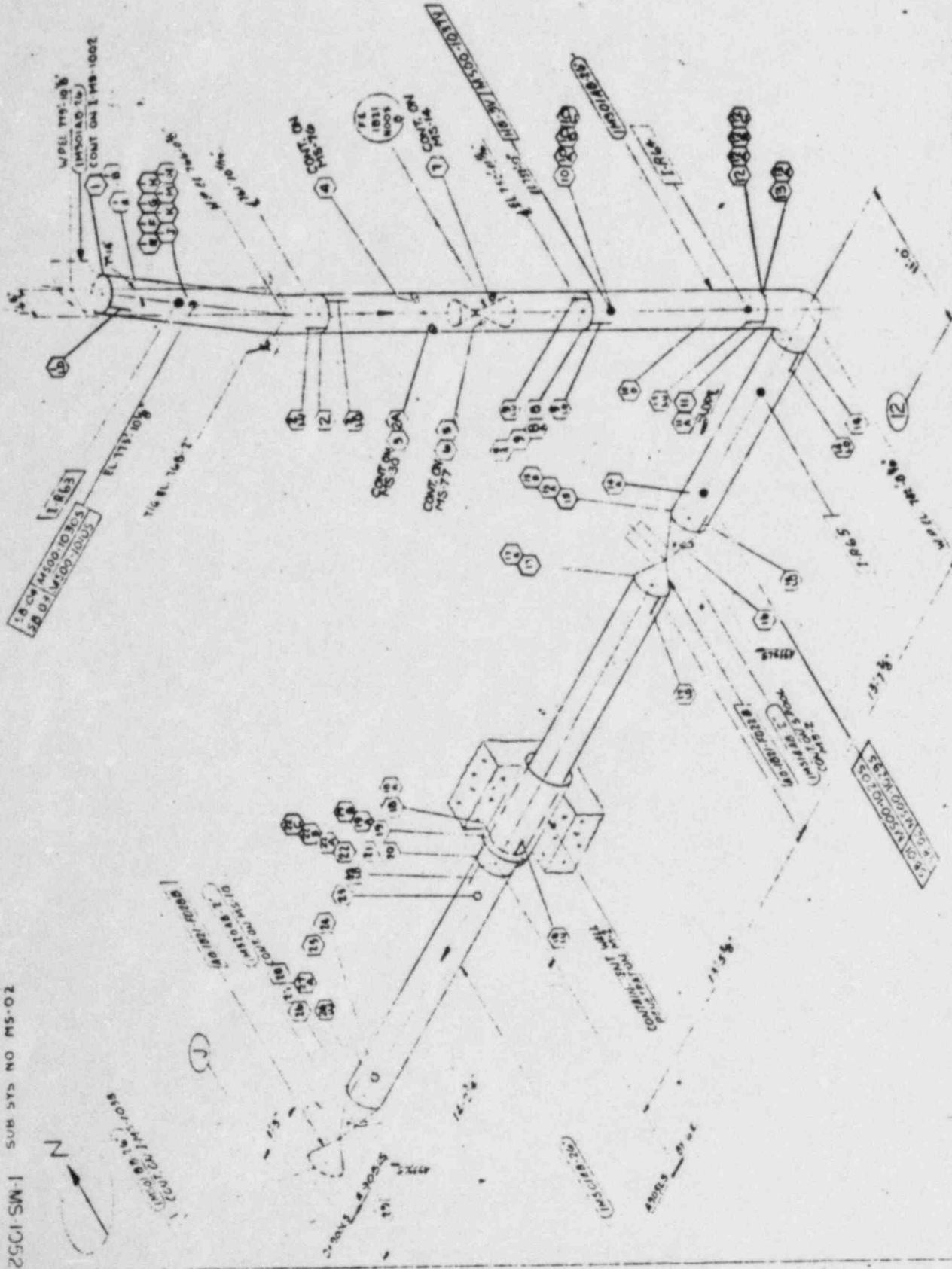
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JOB NO.	DATE	BY	CHKD.
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1501-SWI	11/24/83	JZ	JZ
1501-SWI	11/28/83	JZ	JZ
1501-SWI	11/30/83	JZ	JZ
1501-SWI	12/3/83	JZ	JZ
1501-SWI	12/7/83	JZ	JZ
1501-SWI	12/10/83	JZ	JZ
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1501-SWI	12/17/83	JZ	JZ
1501-SWI	12/21/83	JZ	JZ
1501-SWI	12/24/83	JZ	JZ
1501-SWI	12/28/83	JZ	JZ
1501-SWI	12/31/83	JZ	JZ

1501-SWI SUB-SYS. MS-01  
 INSURANCE 26 T-34  
 INSURANCE 26 T-5  
 MORRISON CONSTRUCTION CO.  
 HALLAMOND, INDIANA  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTION  
 MAIN STEAM  
 REF. NO. 1501-SWI-MS-01-2/E  
 1501-SWI-MS-01-2/E

T-MS-1051

2501-SW-1 SUB SYS NO MS-02



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

*John J. ...*  
Project Engineer

REVISIONS		DATE	BY	DESCRIPTION
1	PRELIMINARY	8-2-79	...	...
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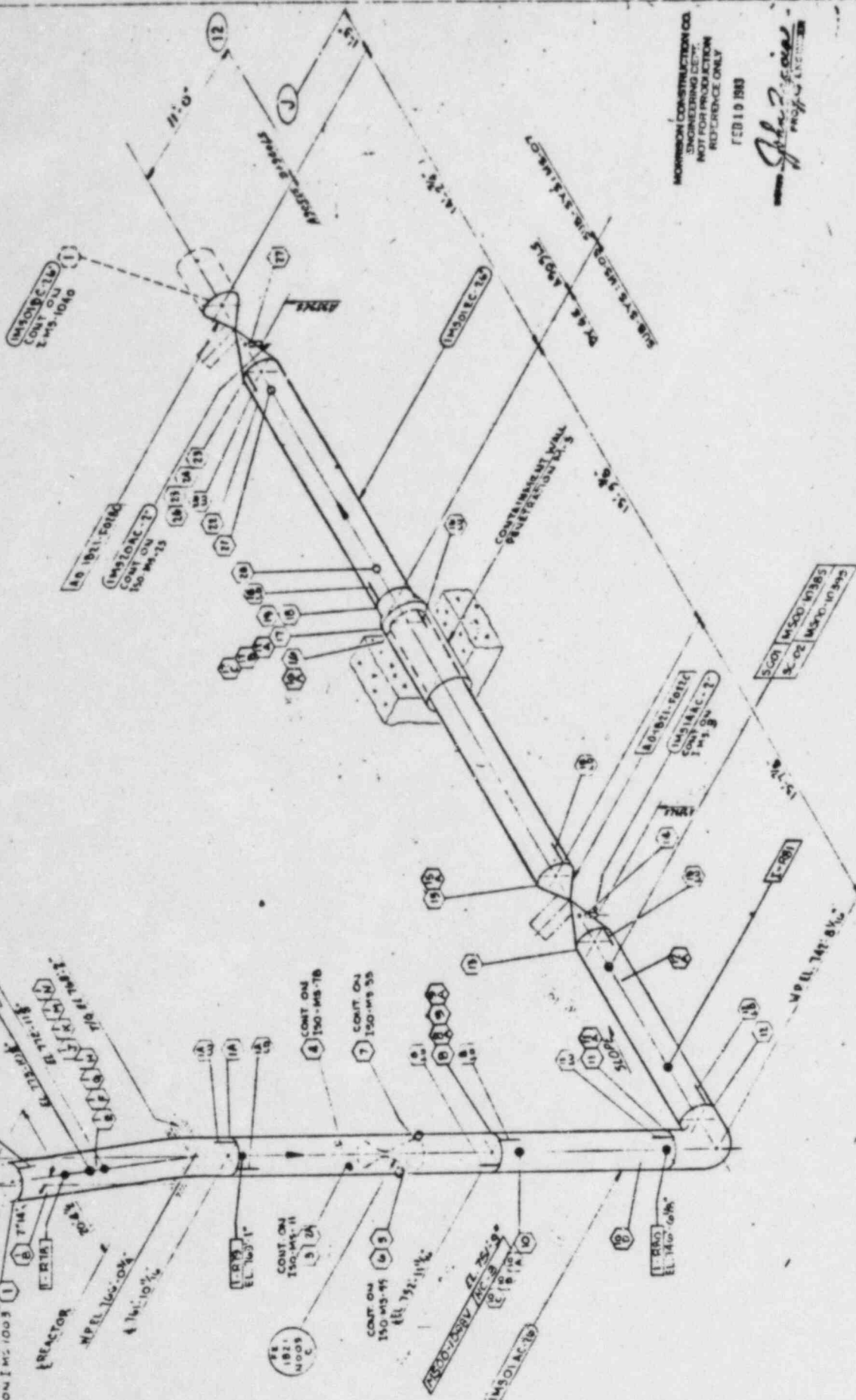
MORRISON CONSTRUCTION CO. HARRISBURG, INDIANA		DATE 3-2-83
JOB NO. 2444	PROJECT NO. 2444	DATE 3-2-83
DESIGNER: J. J. ...	CHECKED: ...	DATE 4-1-83
PROJECT: ...	SCALE: ...	DATE 4-1-83
151-01-1/D	COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1&2	DATE 4-1-83
INSERVICE INSPECTION		DATE 4-1-83
MAIN STEAM		DATE 4-1-83
REF. DES. NO. 151-01-1/D	PROJECT NO. 2444	DATE 4-1-83
SCALE: 1/4" = 1'-0"	PROJECT: ...	DATE 4-1-83

LINE NO INSO1AB-26  
INSO1AB-26  
TR NO MS-T39  
MS-T6

I-MS-1052

1-MS-1053 SUR SYSTEM  
MG 03 # MS-07

MP EL 795.10'  
(IMSOLAC-26)  
CONT ON I MS 1003



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

FEB 10 1983

*John F. ...*  
Professional Engineer

REVISIONS		DATE	
NO.	DESCRIPTION	BY	DATE
A	REVISED PER 1003	J.F.	11-1-82
B	REVISED PER 1003	J.F.	11-1-82
C	REVISED PER 1003	J.F.	11-1-82
D	REVISED PER 1003	J.F.	11-1-82

DRAWN BY: J.F.  
 CHECKED BY: J.F.  
 APPROVED BY: J.F.  
 DATE: 11-1-82  
 PROJECT: 1003  
 SHEET: 1003-1  
 TOTAL SHEETS: 1003-1

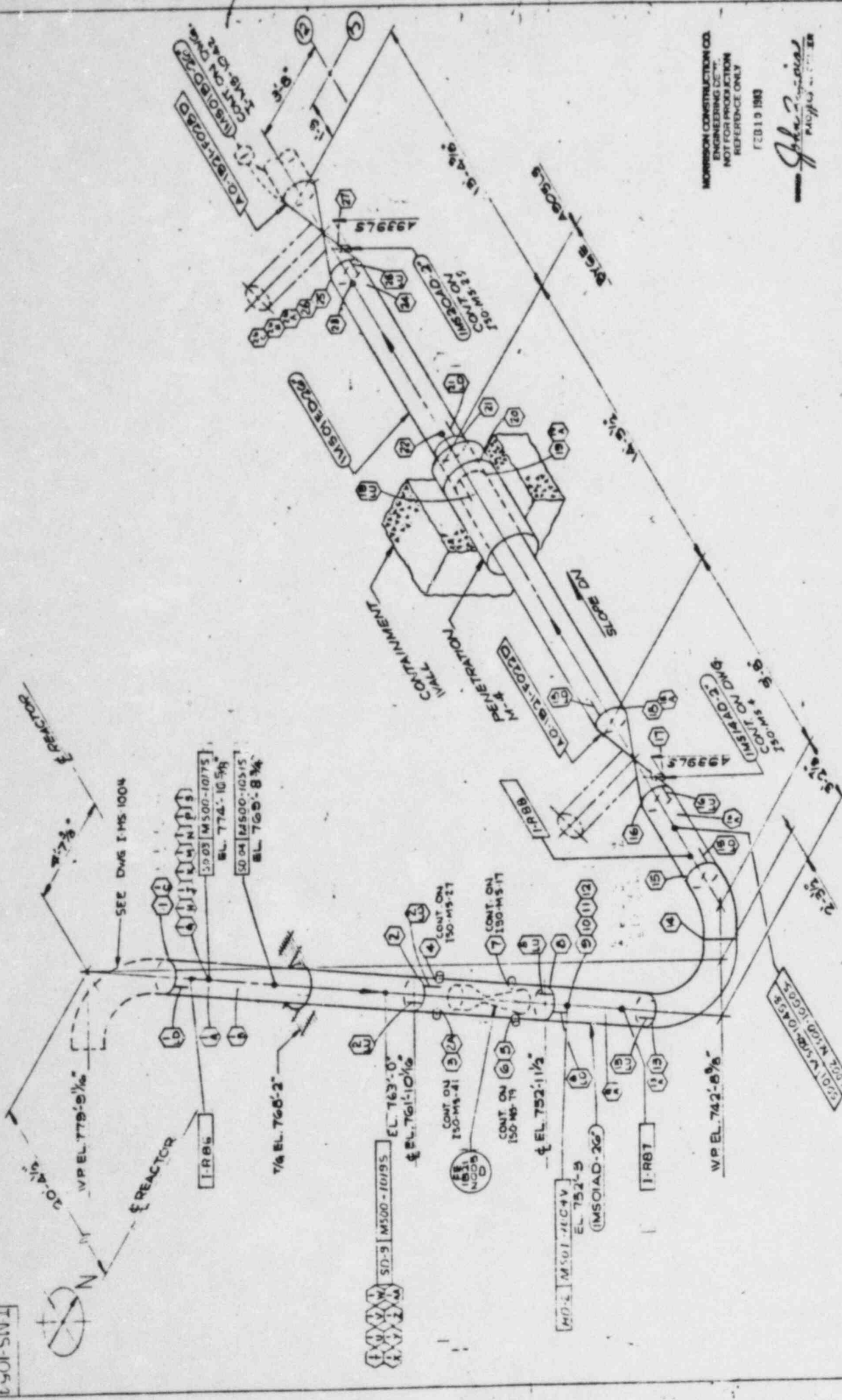
MORRISON CONSTRUCTION CO.  
INDIANAPOLIS, INDIANA

JOB NO. 1003  
 DRAWING NO. 1003-1  
 SHEET NO. 1003-1  
 PROJECT: 1003  
 SHEET: 1003-1  
 TOTAL SHEETS: 1003-1

COMMONWEALTH OF INDIANA  
 DEPARTMENT OF COMMERCE  
 DIVISION OF CONSTRUCTION  
 INSERVICE INSPECTION  
 MAIN OFFICE  
 1-MS-1053



1501-SWI



MORRISON CONSTRUCTION CO.  
ENGINEERING DIV.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
FEB 19 1983  
*John ...*

REVISIONS	
NO.	DESCRIPTION
1	PRELIMINARY
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DATE: 2-17-83

MORRISON CONSTRUCTION CO.  
MARIETTA, INDIANA

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

DATE: 2-17-83  
BY: ...

I-MS-1054  
SHEET 1

TR NC MS 741 MS 74

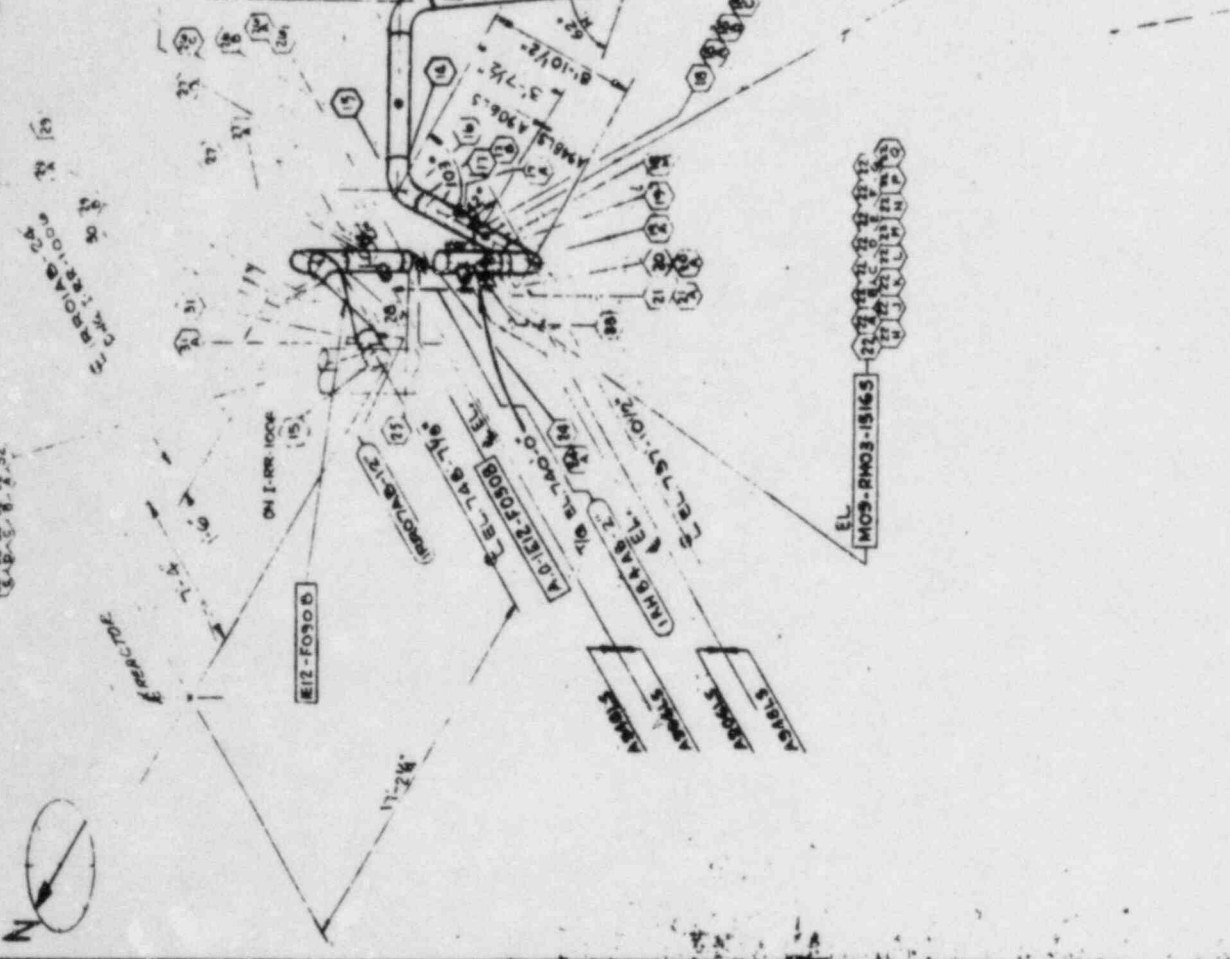
IM 112 26



1-RH-1001



11'-0"



PRINTED

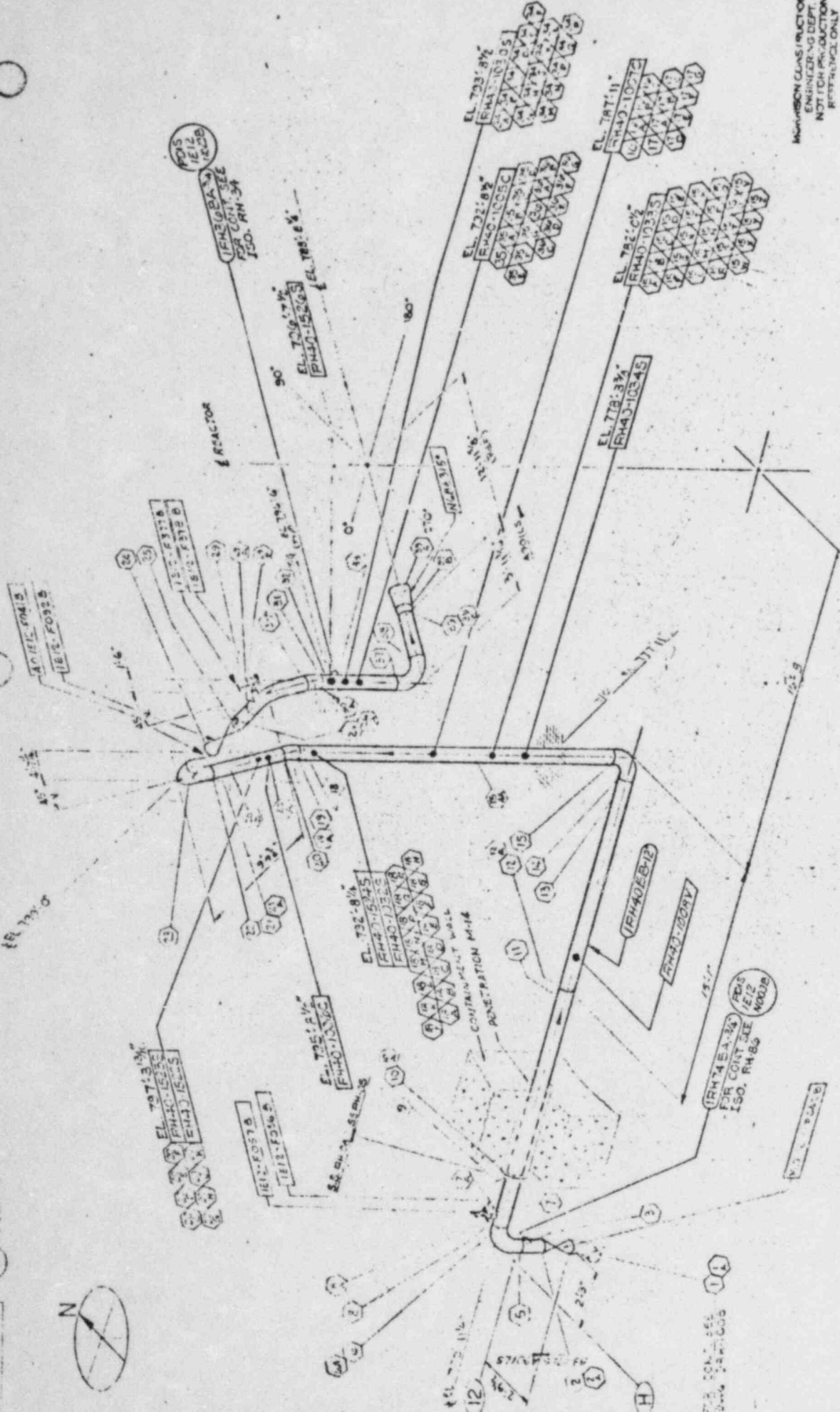
AUG 14 1988  
MORRISON  
MORRISON  
EDUC. DEPT.

MORRISON CONSTRUCTION COMPANY  
21 LAMAR RD. INDIANA

SCALE: NONE  
JOB NO. 2400  
DATE: 8-14-88  
L.A. SA. UNIT: 1000  
INSERV: 1000  
SEC. 1000

TRH-1001

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMITS	8-14-88	...
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APR 20 1963

*John J. Morrison*  
PROJECT ENGINEER

1-RH-1002 T-08

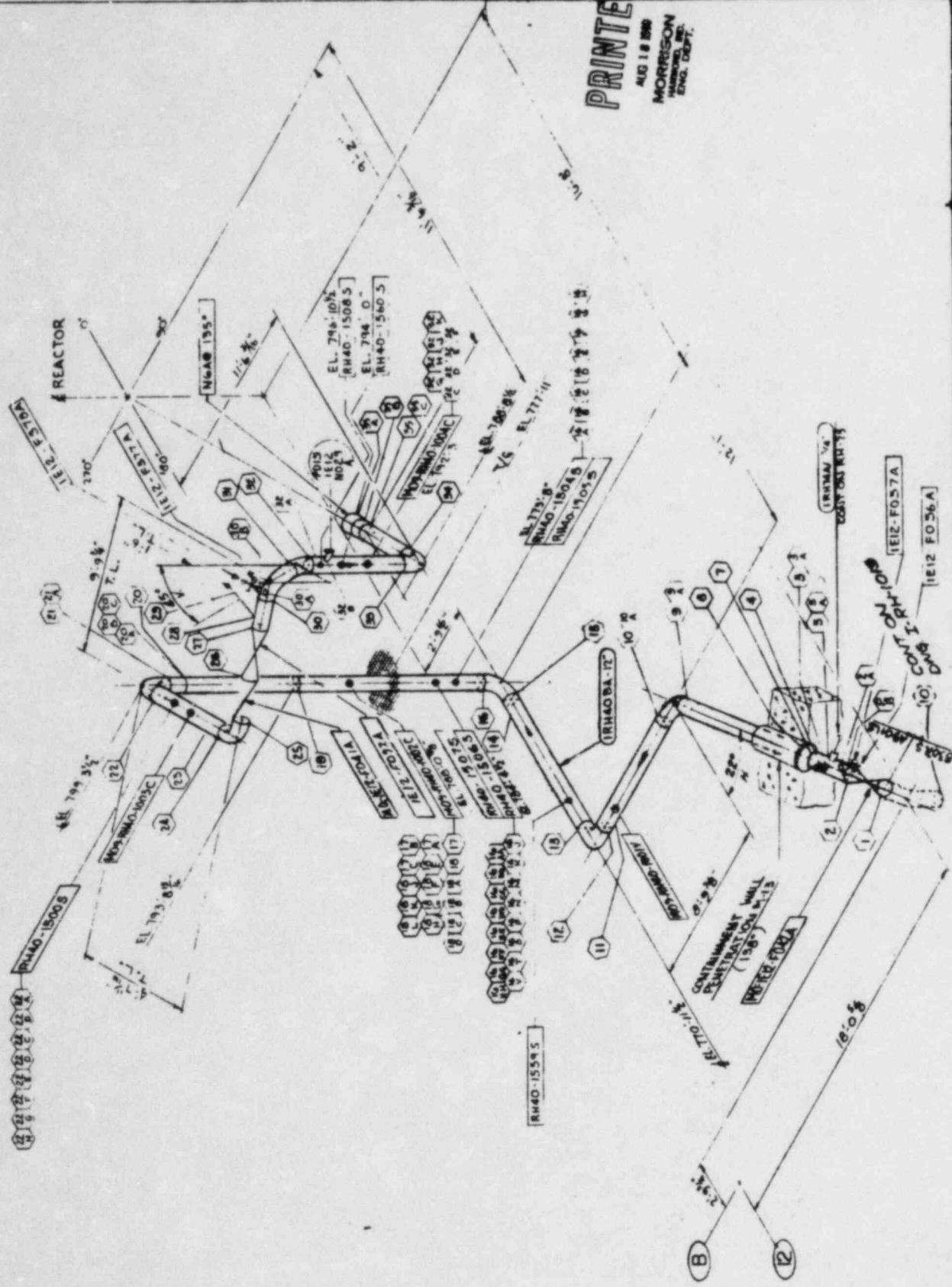
REVISIONS

NO.	DATE	DESCRIPTION
1	11-15-62	ISSUED FOR CONSTRUCTION
2	1-15-63	REVISED TO SHOW CHANGES
3	2-15-63	REVISED TO SHOW CHANGES
4	3-15-63	REVISED TO SHOW CHANGES
5	4-15-63	REVISED TO SHOW CHANGES

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

JOB NO. 2448	EX. 940-207	DATE	11-15-62
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1		SCALE	AS SHOWN
RESIDUAL HEAT REMOVAL SYSTEM - WEST LOOP		PROJECT	1-RH-1002
REF. Dwg. No. _____		DATE	11-15-62
		SCALE	AS SHOWN
		PROJECT	1-RH-1002

**PRINTED**  
 AUG 18 1988  
 MORRISON  
 ENGINEERING, INC.  
 ENGR. DEPT.



REVISIONS		DATE	
NO.	DESCRIPTION	BY	DATE
1	ISSUED FOR CONSTRUCTION	WJL	8/18/88
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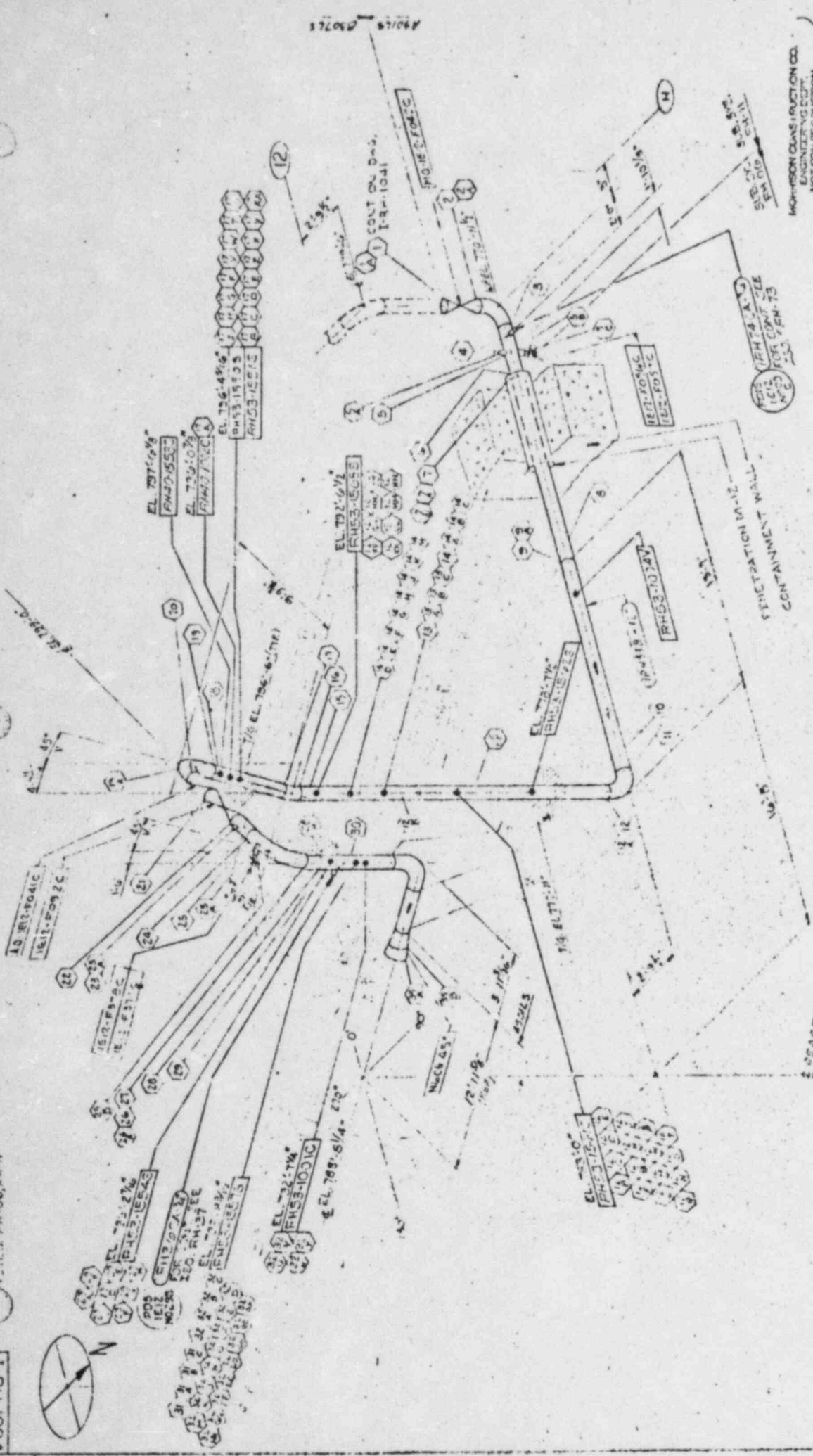
**MORRISON CONSTRUCTION CO.**  
 MORRISON CONSTRUCTION CO.  
 100 No. 2444 W. 100th St. Des Moines, IA 50312  
 TEL: 515-281-1111 FAX: 515-281-1112  
 COMMUNICATIONS: 515-281-1113  
 REF: Des Moines, IA 50312  
 REF: Des Moines, IA 50312

**LA SALLE COUNTY STATION UNIT 1**  
 IN-SERVICE INSPECTION  
 RESIDUAL HEAT REMOVAL SYSTEM

DATE: 8/18/88  
 DRAWN: WJL  
 CHECKED: WJL  
 APPROVED: WJL

PROJECT NO: 1003  
 SHEET NO: 1003-1

I-RH-1003



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

APR 20 1953

*John Special*  
PROJECT ENGINEER

1A-153B-12' - RHT-105

REVISIONS

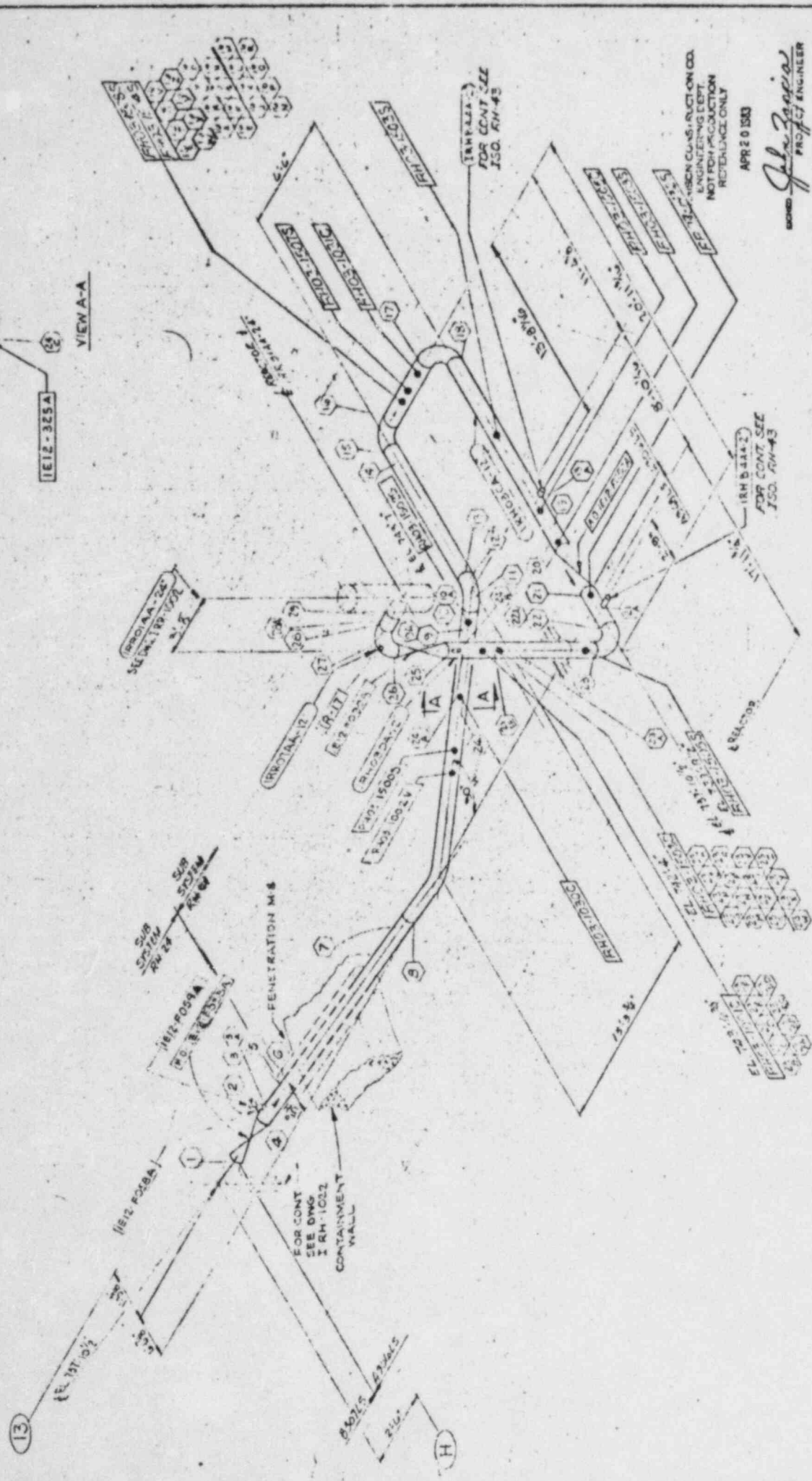
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MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

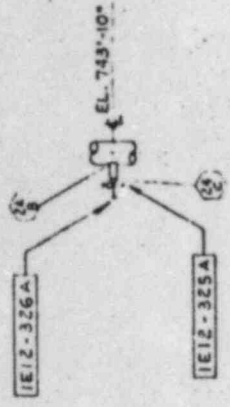
2770 N. 24th St. Hammond, Ind. 46324  
COMMONWEALTH ENGINEERING CO. LASSALLE COUNTY STATION #1  
INSPECTION DEPARTMENT  
PERMIT # AT 46-1004

1-11-1004

SECTION  
50-01



VIEW A-A



CONSTRUCTION CO.  
ENGINEERING DEPARTMENT  
NOT FOR PROJECTION  
REFERENCE ONLY  
APR 20 1950

*John Zappala*  
PROJECT ENGINEER

REVISIONS

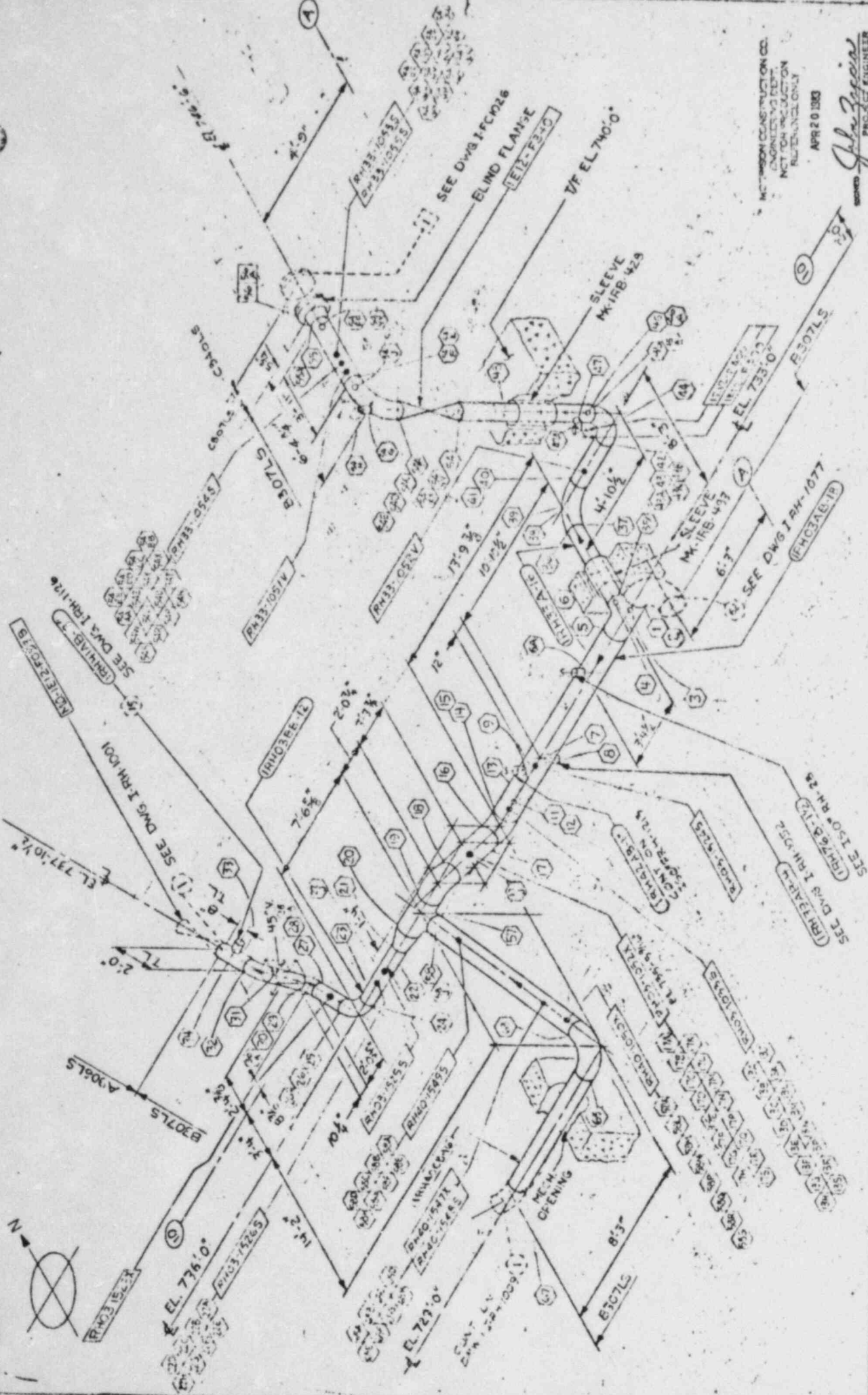
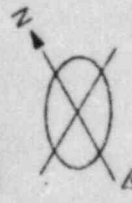
NO.	DATE	DESCRIPTION

LINE NO. - 10010A-12  
TRAVELED - CH T 54, RHT 56

MORRISON CONSTRUCTION COMPANY  
NEW YORK, N.Y.  
LA SAL  
DATE  
PROJECT  
DWG NO. 10010A-12  
DATE  
PROJECT

025

9001-HS-1, SYC. F1102



MORRISON CONSTRUCTION CO.  
 ENGINEERING DIVISION  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 APR 20 1953

*John J. Morrison*  
 SENIOR PROJECT ENGINEER

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

COMMONWEALTH ENGINEERING CO. LA SALLE COUNTY STATION CIVIL ENGINEER

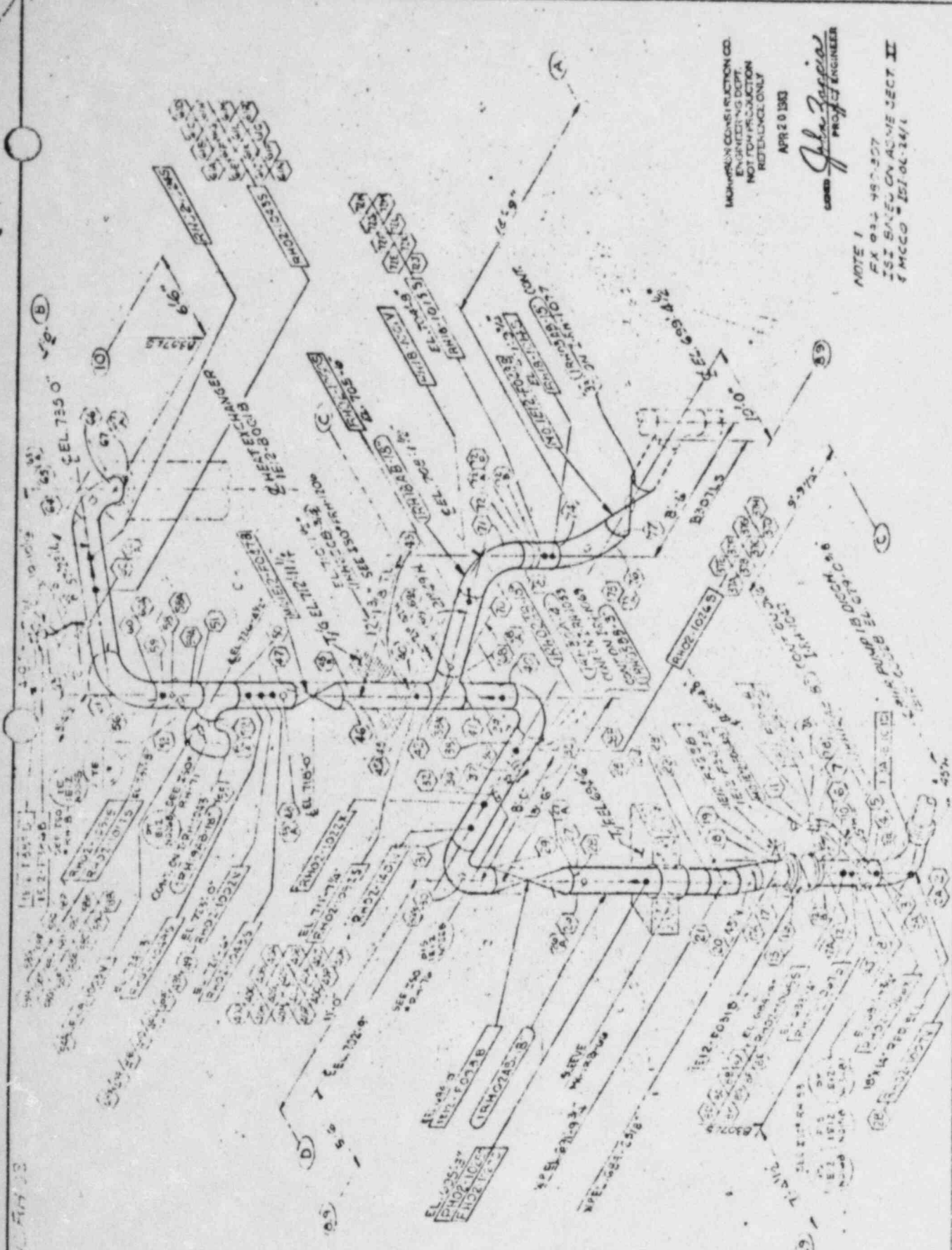
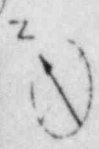
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LINE	TRAVELER NO
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LINE 49	TRAVELER NO PH-799
LINE 50	TRAVELER NO PH-800





MADRISON CONSTRUCTION CO.  
 ENGINEER'S OFFICE  
 NOT FOR PRODUCTION  
 REFERENCE ONLY

APR 20 1983

*John Zappia*  
 CHIEF ENGINEER

NOTE 1  
 EX 932 487-307  
 ISZ BASED ON AS ME SECT II  
 FMCCO 151 00-241

REVISIONS

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LA SALLE COUNTY ENGINEER  
 ROBERT W. HENNING  
 1501 WEST 10TH STREET  
 MARIETTA, MISSOURI 64454  
 W 811 2-8 40 40-2 1-10-2 1-10-2 1-10-2

ADRIANSON CONSTRUCTION COMPANY  
 MARIETTA, MISSOURI

SCALE: 1" = 10'-0"

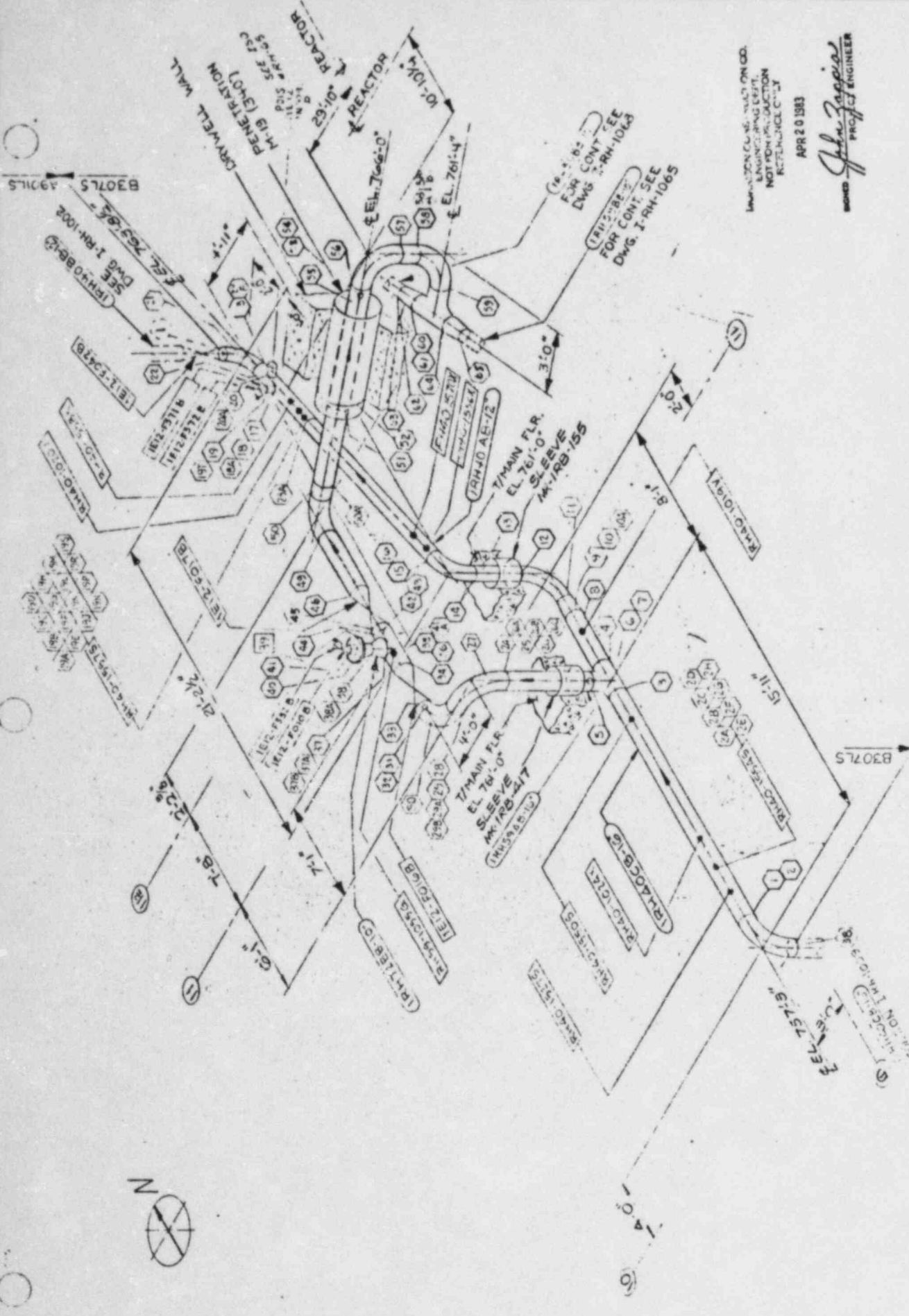
DATE: 2-5-77 SEE NOTE 1

PROJECT: LA SALLE COUNTY ENGINEER ROBERT W. HENNING UNIT 1  
 1501 WEST 10TH STREET  
 MARIETTA, MISSOURI 64454  
 W 811 2-8 40 40-2 1-10-2 1-10-2 1-10-2

REVISIONS

NO.	DATE	DESCRIPTION
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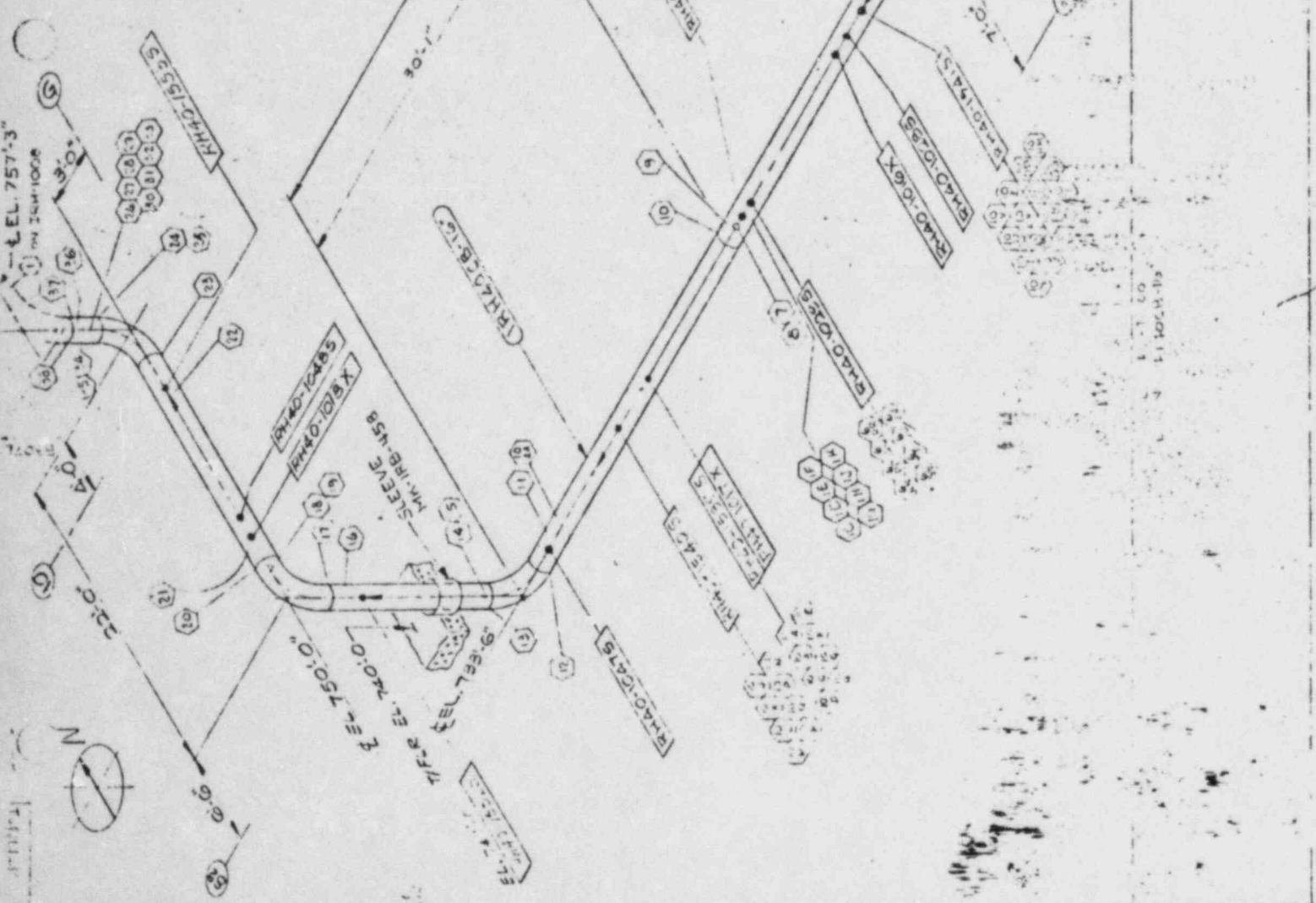
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTION  
 RESIDUAL HEAT REMOVAL PIPING

APR 20 1983  
 MORRISON CONSTRUCTION CO.  
 PROJECT ENGINEER

REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR CONSTRUCTION
2	REVISED FOR CONSTRUCTION
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100	REVISED FOR CONSTRUCTION

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA  
 JOB NO. 3448 FX 884 980 307  
 DATE 11/8/77  
 ISSUED ON ASME SECT. I  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTION  
 RESIDUAL HEAT REMOVAL PIPING  
 I-RH-1005

- LINE NO 1R400B-11
- TRAVELER NO RH-T-96
- LINE NO 1R400B-12
- TRAVELER NO RH-T-100
- LINE NO 1R400B-13
- TRAVELER NO RH-T-201
- LINE NO 1R400B-14
- TRAVELER NO RH-T-478



1. DESIGN BY: [unreadable] CO.  
 2. DRAWN BY: [unreadable]  
 3. CHECKED BY: [unreadable]  
 4. APPROVED BY: [unreadable]

APR 20 1983

*John Ziegler*  
 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	DESCRIPTION
1		PRELIMINARY
2		REVISED
3		REVISED
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10		REVISED

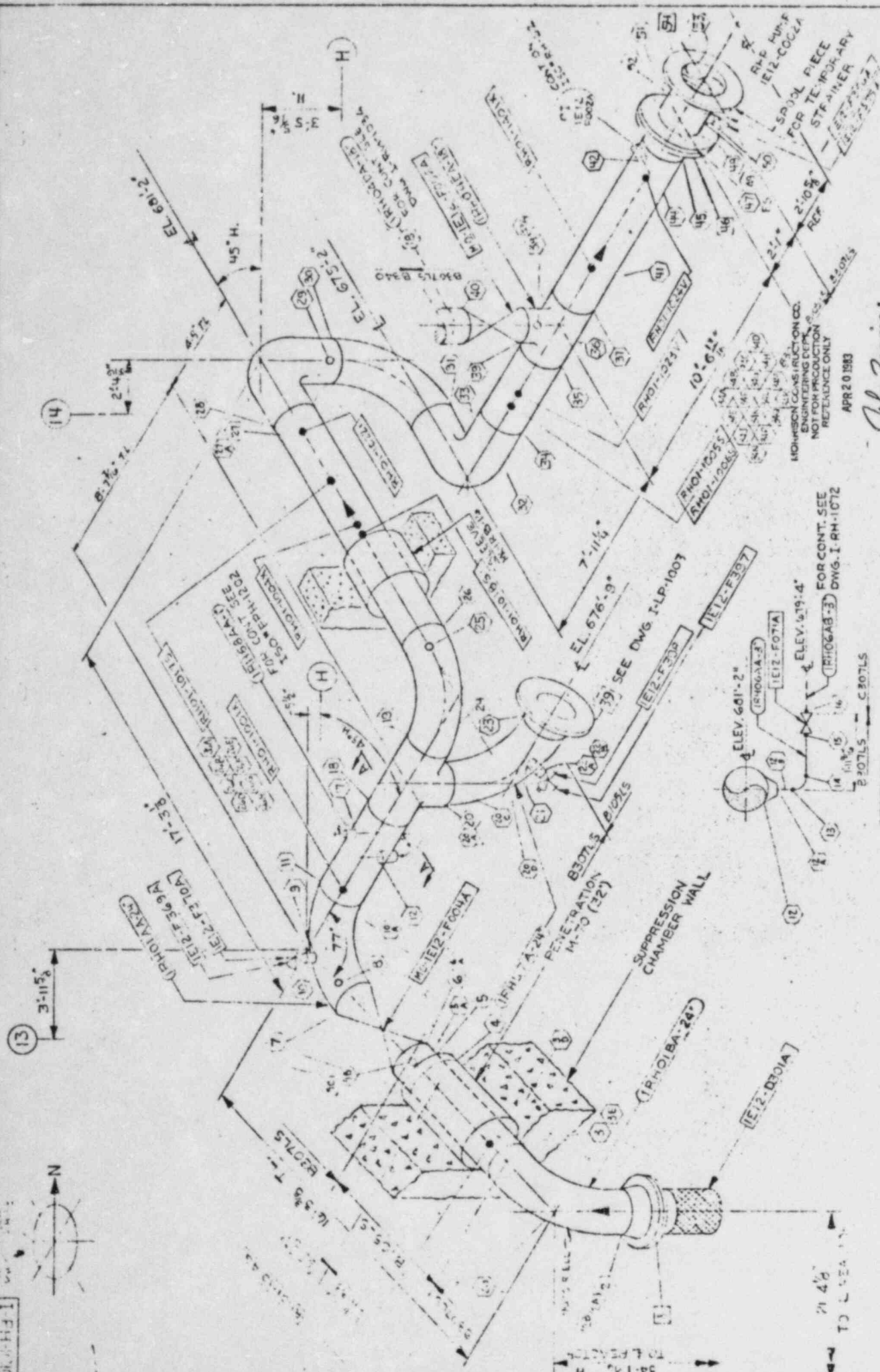
NICERSON CONSTRUCTION CO.  
 HEADQUARTERS: [unreadable]  
 COMMONWEALTH REGIONAL OFFICE: [unreadable]  
 INSURANCE: [unreadable]  
 RESIDENTIAL: [unreadable]

NO.	DATE	DESCRIPTION
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3		REVISED
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I-RH-1009



1 FH 700



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

SECTION A-A

REVISONS

NO.	DESCRIPTION	DATE
1	AS SHOWN	4/20/83
2	FOR CONT. SEE DWG. I-AM-1072	
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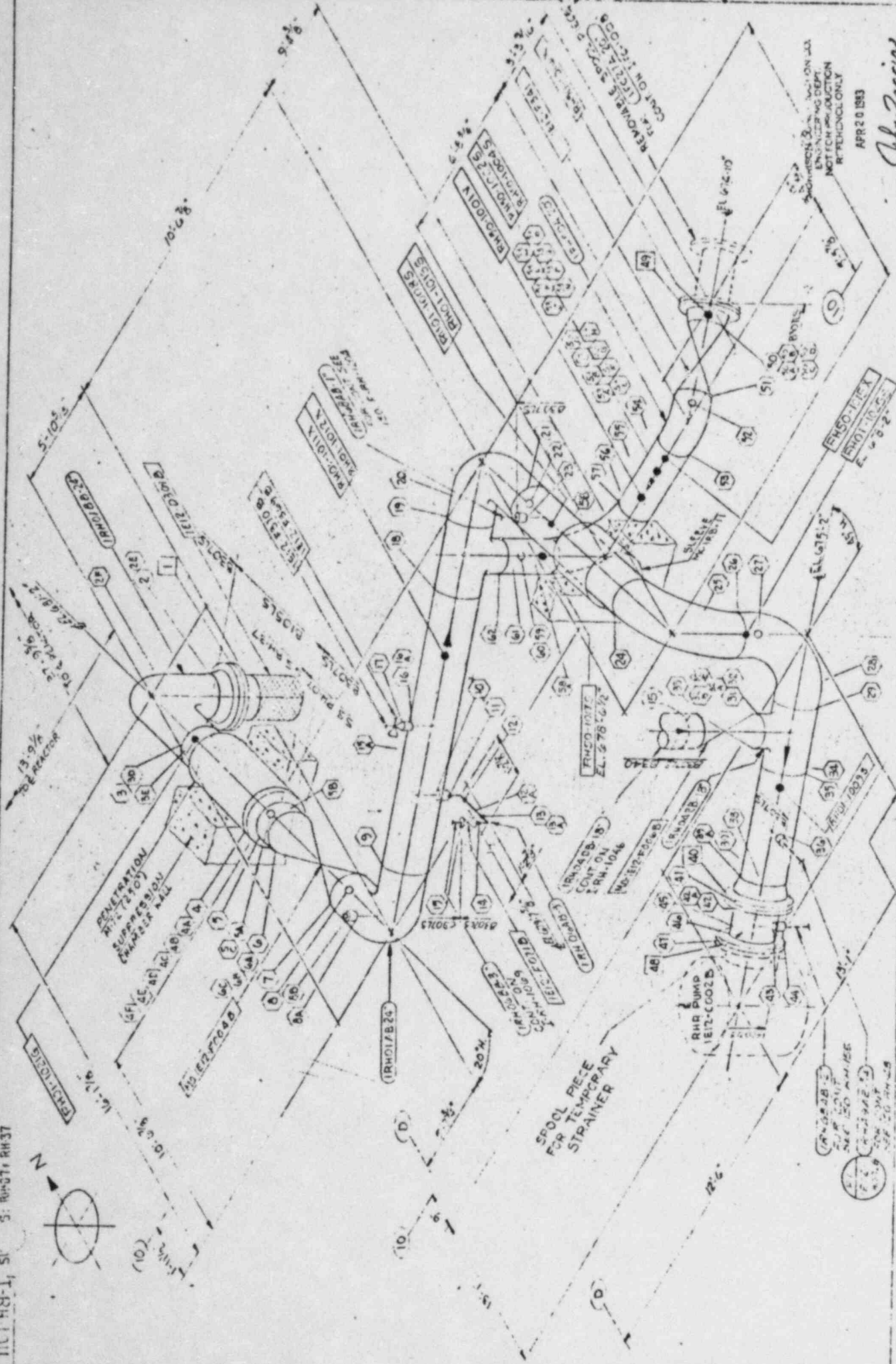
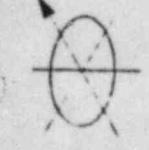
SECTION A-A

TRAVELER NO RHT-24  
 TRAVELER NO RHT-46  
 TRAVELER NO RHT-18  
 TRAVELER NO RHT-24  
 TRAVELER NO RHT-361

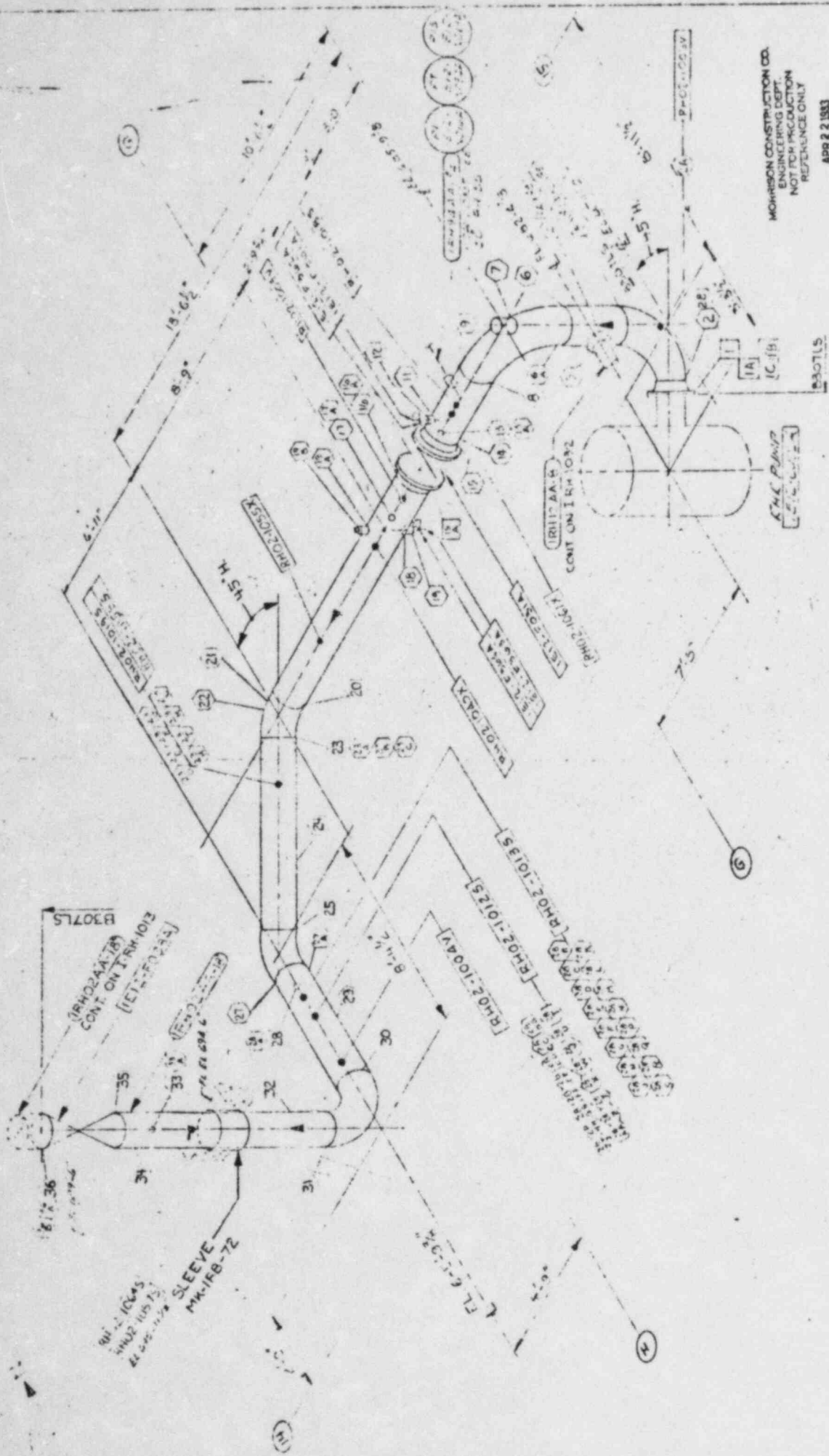
MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INCLIFF REACTION  
 REGIONAL HEAT PLANT

111 RH I, S1 S: RHO74 RH37



SYN. KH-24



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

APR 2 1983

*John J. Joppa*  
PROJECT ENGINEER

REVISIONS		DATE	
NO.	DESCRIPTION	BY	DATE
1	ISSUED FOR FABRICATION	J.J.	4-1-83
2	REVISION	J.J.	4-1-83
3	REVISION	J.J.	4-1-83
4	REVISION	J.J.	4-1-83
5	REVISION	J.J.	4-1-83
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33	REVISION	J.J.	4-1-83
34	REVISION	J.J.	4-1-83
35	REVISION	J.J.	4-1-83

LINE #1 P-HC2AA-1B TH-48

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

COMMONWEALTH EDISON CO. LA SALLE COUNTY SIREON UNITS #A  
RICKVILLE, INDIANA  
FISCAL YEAR 1982-1983

PROJECT NO. 1111

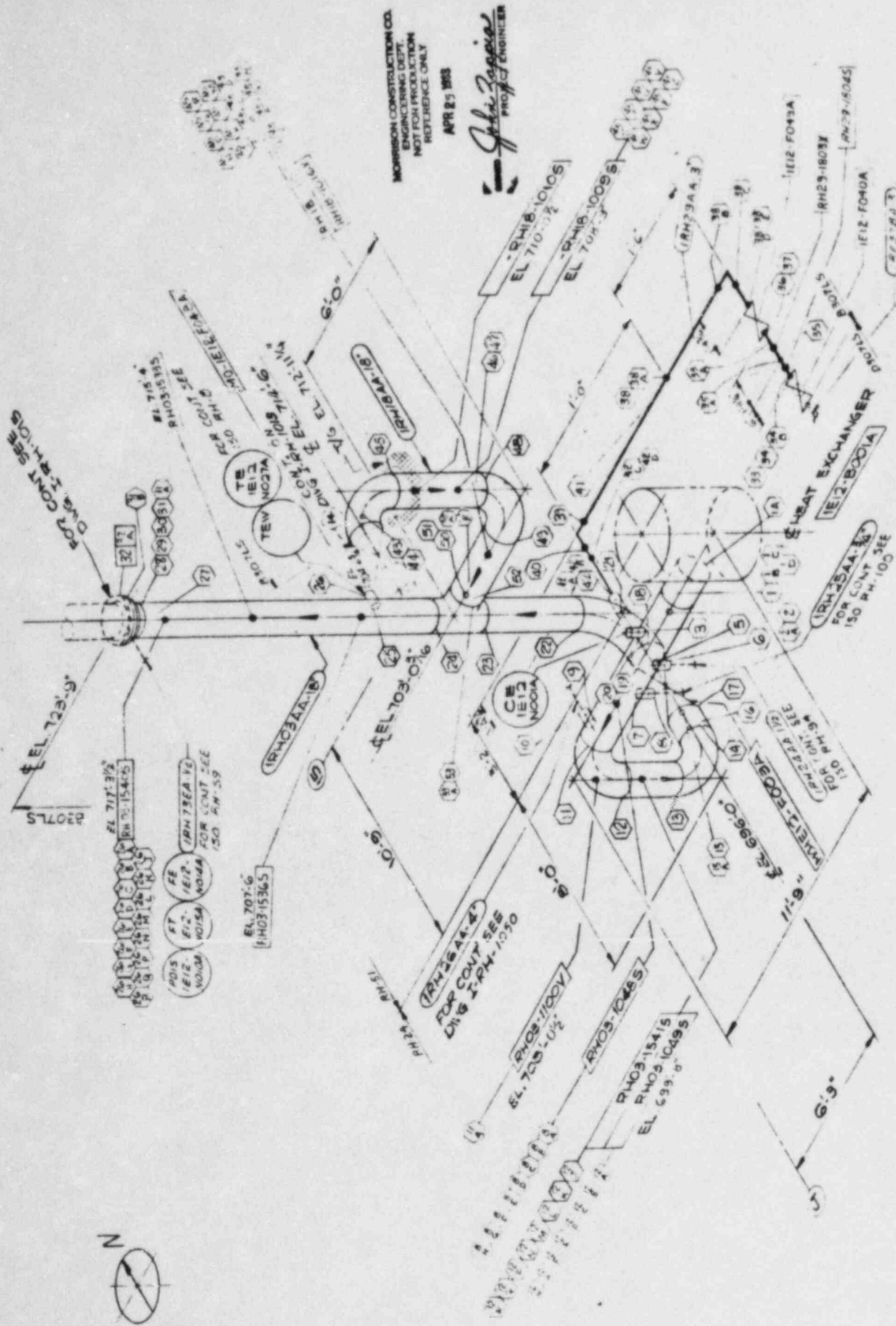
DATE: 4-1-83

BY: J.J.

CHECKED: J.J.

APPROVED: J.J.





MORRISON CONSTRUCTION CO.  
 ENGINEERING DEPT.  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 APR 25 1953  
*John Joseph*  
 PROJECT ENGINEER

REVISIONS		DATE	
NO.	DESCRIPTION	BY	DATE
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MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

JOB NO. 3444 IN 640 8837  
 DATE 4.21.53  
 DRAWN BY J.E. [unclear]  
 CHECKED BY J.E. [unclear]  
 APPROVED BY J.E. [unclear]

DESIGNED BY J.E. [unclear]  
 ENGINEERED BY J.E. [unclear]

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

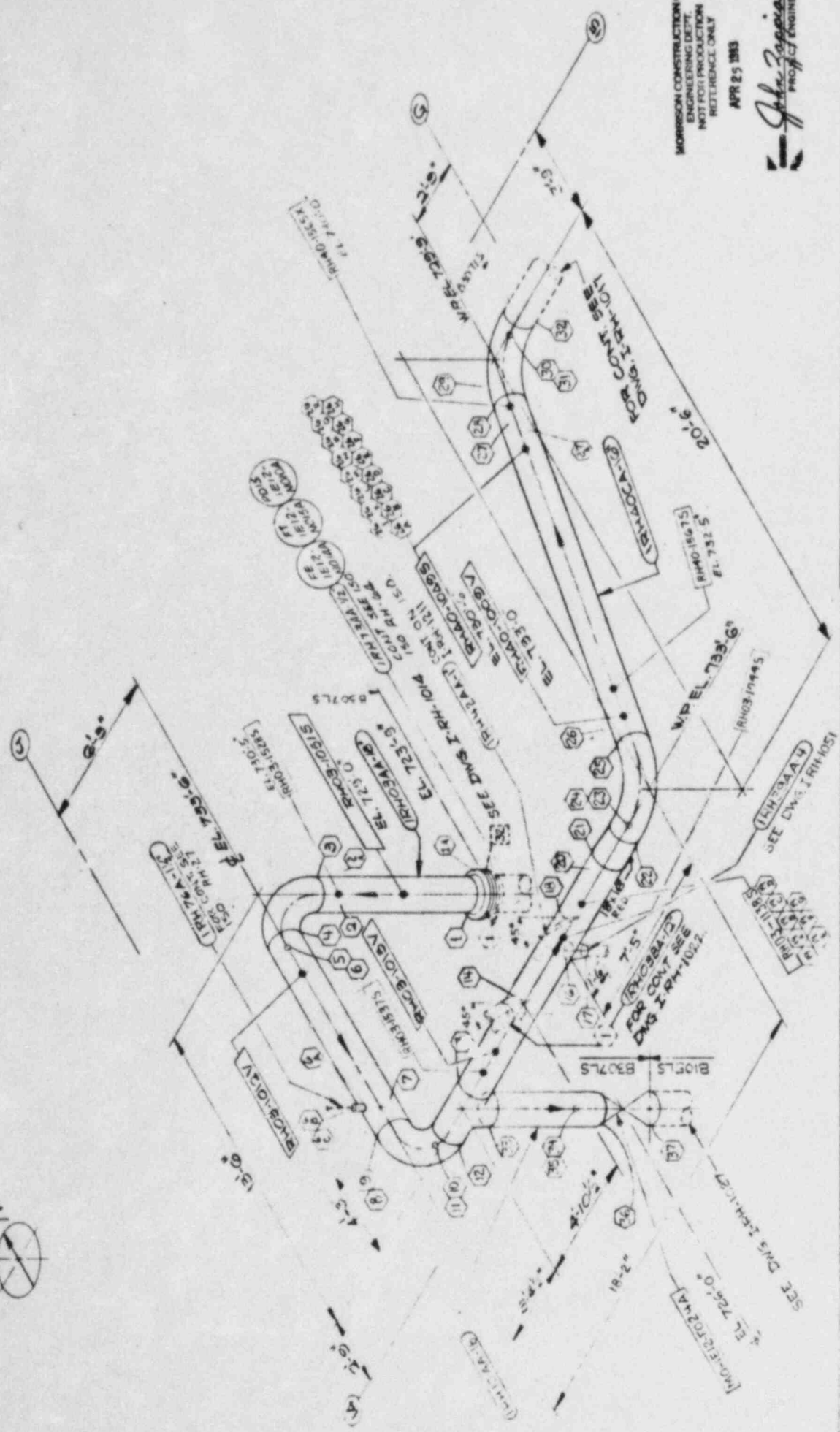
REF DWG No. [unclear]  
 M. S. N. N. 8. 25. 4. 6. 2. 2. 4. 1.

W. C. O. 10. 10. 1. 8. 7. 7.

I-RH-1014

LINE # RHO3AA-18 TRAY RHT-50  
 RHO3AA-3 TRAY RHT-86  
 RHO3AA-18 TRAY RHT-74





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

REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR CONSTRUCTION
2	REVISION
3	REVISION
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5	REVISION
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7	REVISION
8	REVISION
9	REVISION
10	REVISION

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

Job No. 3448  
 Project No. 3448  
 Date 11/17/77

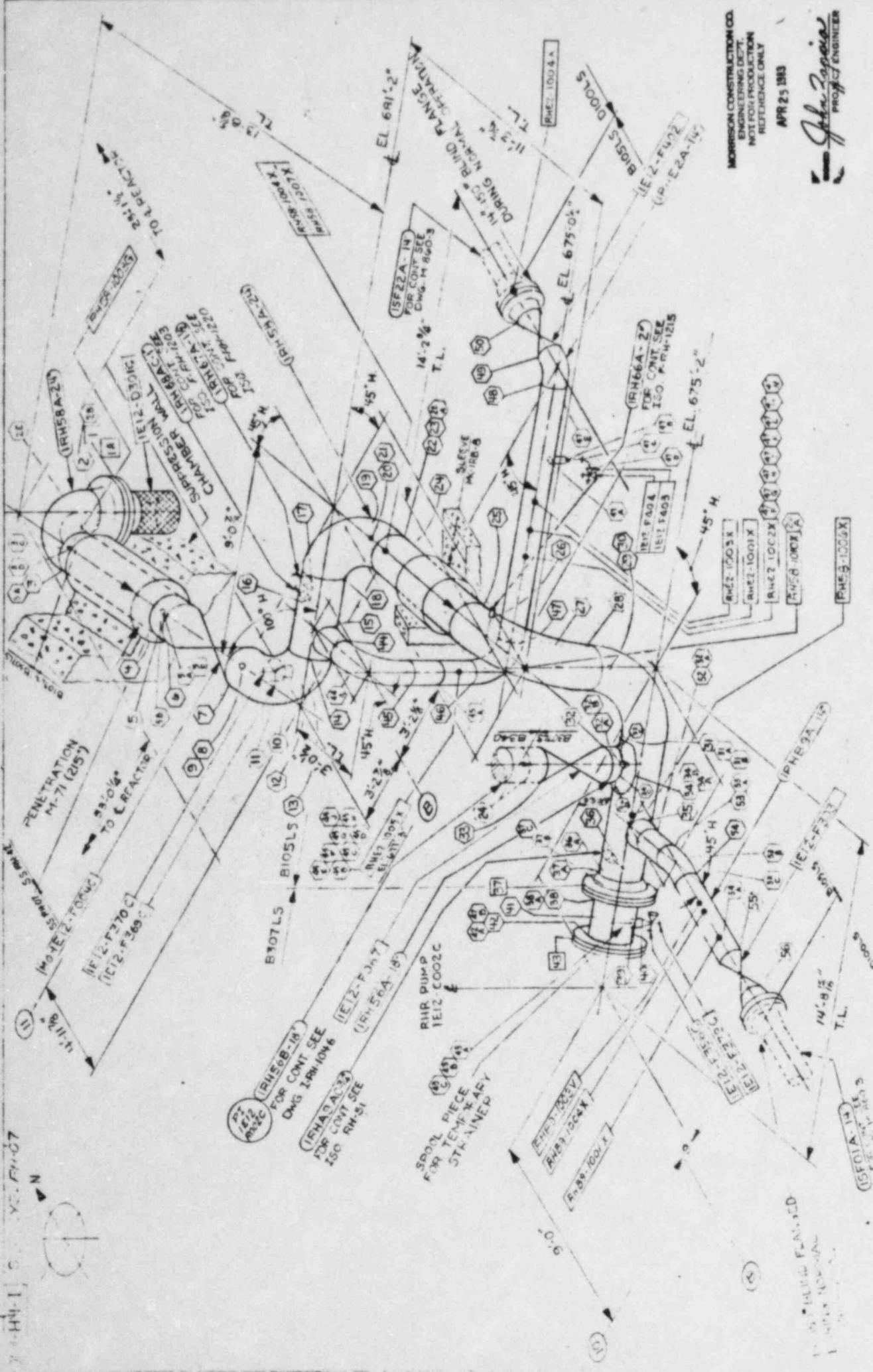
Drawn: R.E.  
 Checked: J.B.  
 Date 5-21-75

APPROVED: [Signature]  
 Date

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

REF. DWG. No. M-20-124, M-20-125, M-20-126, M-20-127, M-20-128, M-20-129, M-20-130, M-20-131, M-20-132, M-20-133, M-20-134, M-20-135, M-20-136, M-20-137, M-20-138, M-20-139, M-20-140, M-20-141, M-20-142, M-20-143, M-20-144, M-20-145, M-20-146, M-20-147, M-20-148, M-20-149, M-20-150, M-20-151, M-20-152, M-20-153, M-20-154, M-20-155, M-20-156, M-20-157, M-20-158, M-20-159, M-20-160, M-20-161, M-20-162, M-20-163, M-20-164, M-20-165, M-20-166, M-20-167, M-20-168, M-20-169, M-20-170, M-20-171, M-20-172, M-20-173, M-20-174, M-20-175, M-20-176, M-20-177, M-20-178, M-20-179, M-20-180, M-20-181, M-20-182, M-20-183, M-20-184, M-20-185, M-20-186, M-20-187, M-20-188, M-20-189, M-20-190, M-20-191, M-20-192, M-20-193, M-20-194, M-20-195, M-20-196, M-20-197, M-20-198, M-20-199, M-20-200

Y.C. 11-07

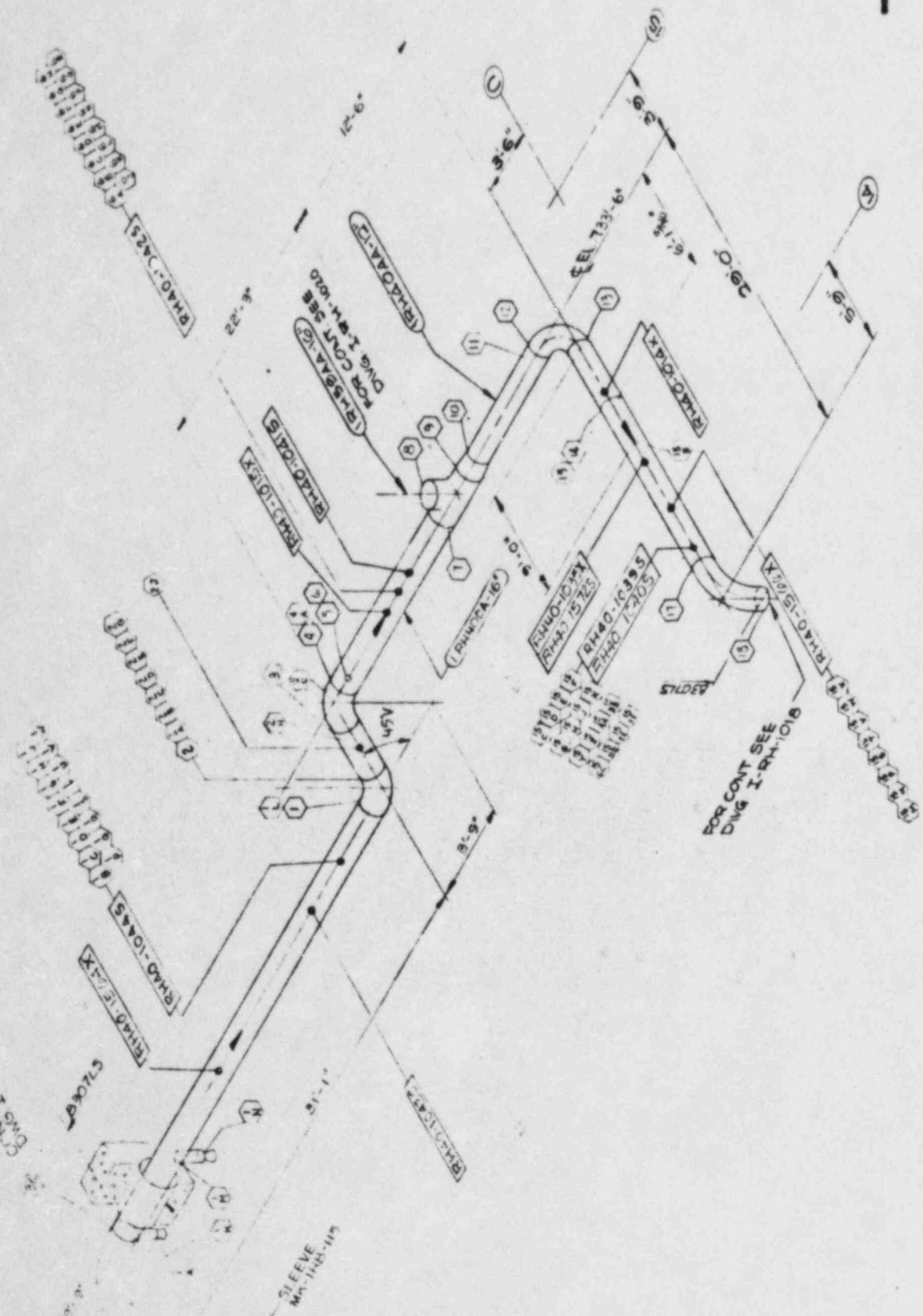


MORRISON CONSTRUCTION CO.  
ENGINEERING DEPT.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
APR 25 1983  
*John Zappia*  
PROJECT ENGINEER

REVISIONS		NO.	DATE	DESCRIPTION
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JOB NO. 2444, P. 2444-207  
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 PROJECT: COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 DRAWING NO.: 11-10000-1  
 SHEET NO.: 11-10000-1  
 DATE: APR 25 1983  
 PROJECT ENGINEER: John Zappia  
 MORRISON CONSTRUCTION CO.  
 HANAMOH, INDIANA  
 MORRISON CONSTRUCTION CO.  
 HANAMOH, INDIANA  
 JOB NO. 2444, P. 2444-207  
 DRAWING TITLE: STATION UNIT 1 & 2  
 PROJECT: COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 DRAWING NO.: 11-10000-1  
 SHEET NO.: 11-10000-1  
 DATE: APR 25 1983  
 PROJECT ENGINEER: John Zappia  
 MORRISON CONSTRUCTION CO.  
 HANAMOH, INDIANA

DATE: 4/25/83



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

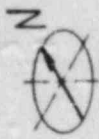
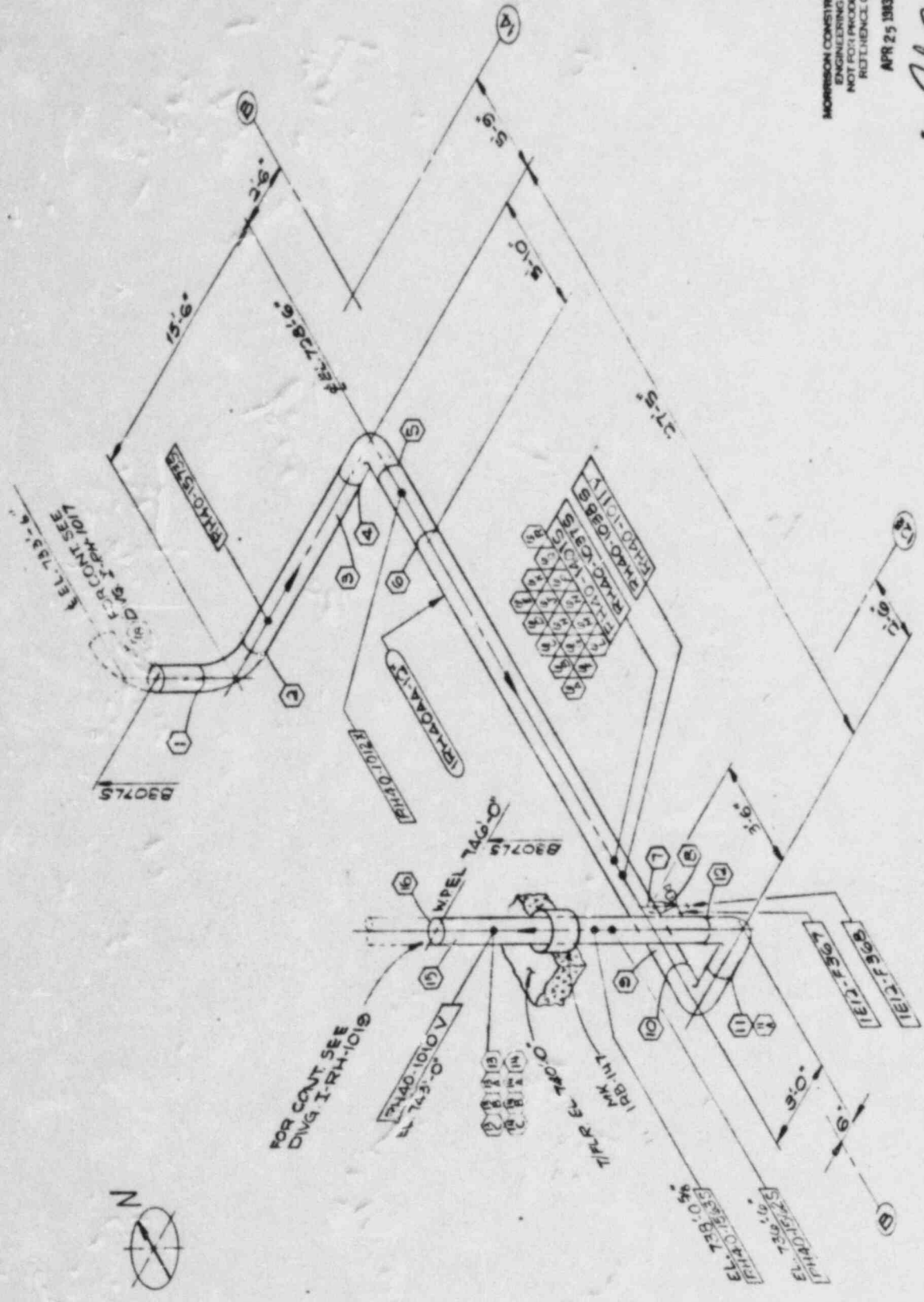
APR 25 1983

*John Zappala*  
PROJECT ENGINEER

MORRISON CONSTRUCTION CO. HAMMOND, INDIANA	
DRAWN BY: [Signature]	DATE: 11/25/77
CHECKED BY: [Signature]	DATE: 5/7/78
JOB NO. 2444 P. 004 000 007	
181 BURGON AVENUE SECT 2	
INDIANAPOLIS, INDIANA	
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2	
INSERVICE INSPECTION	
RESIDUAL HEAT REMOVAL PIPING	
REF DWG NO. I-RH-1010	MCCO 1007
MCCO 1007	I-RH-1017

REV.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION	11/25/77
2	REVISED PER COMMENTS	5/7/78
3	REVISED PER COMMENTS	11/25/77
4	REVISED PER COMMENTS	5/7/78
5	REVISED PER COMMENTS	11/25/77
6	REVISED PER COMMENTS	5/7/78

TRAVELER NO.	LINE NO.
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NO. 7-19	101401A-16



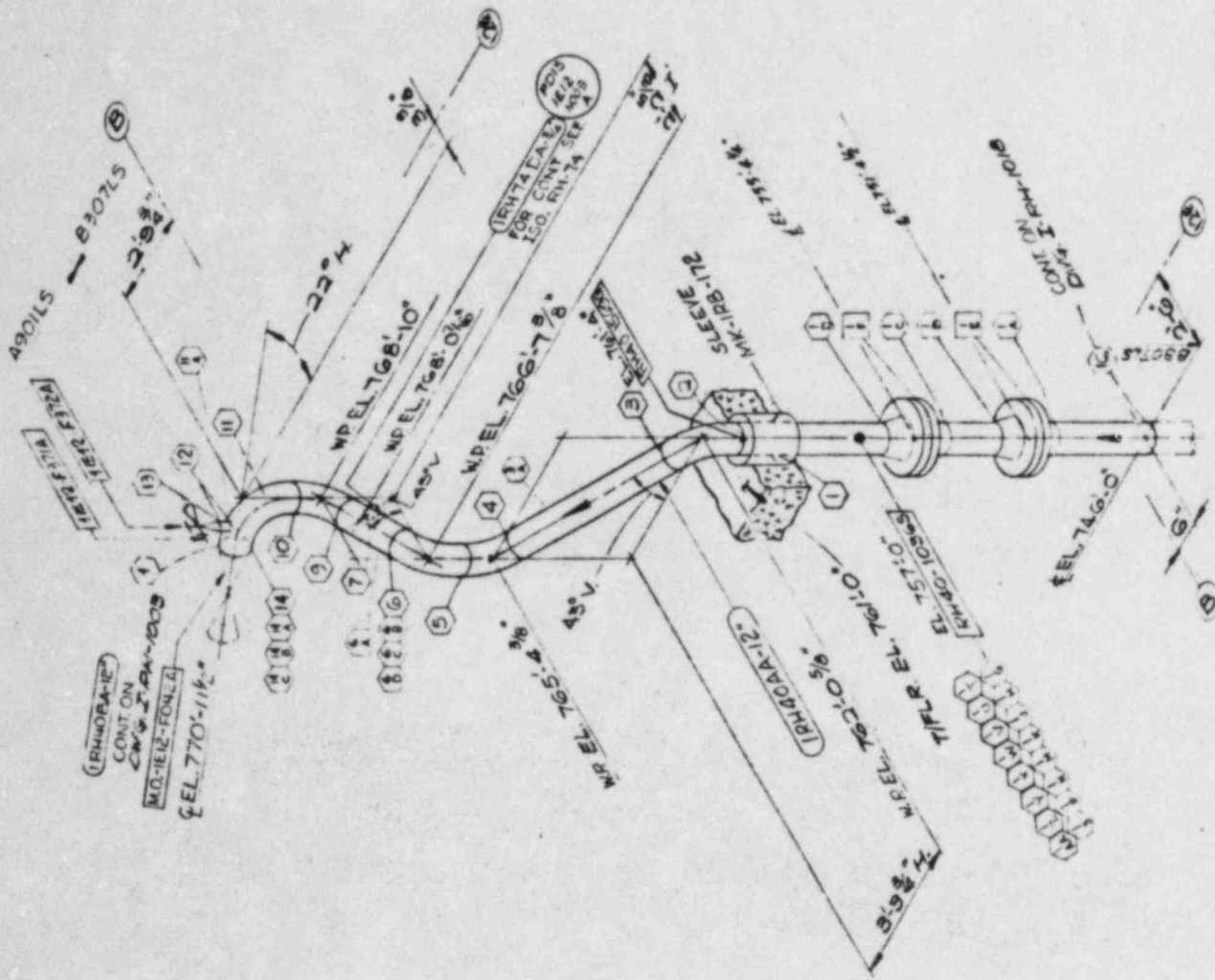
MORRISON CONSTRUCTION CO.  
 ENGINEERING DEPT.  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 APR 25 1983

*John Zappia*  
 PROJECT ENGINEER

REVISES		DATE
01	PRELIMINARY	4/25/83
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20		4/25/83

JOB NO 3444 PL 994 980 307  
 DRAWN B L F  
 CHECKED M A W  
 APP'D M C C  
 M C C O N S T R U C T I O N  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTION  
 RESIDUAL HEAT REMOVAL PIPING  
 REF 014  
 M C C O N S T R U C T I O N  
 I-RH-1018

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA  
 PROJECT NO. 35  
 SHEET 1



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

REVISIONS		DATE	
NO.	DESCRIPTION	BY	DATE
0	PRELIM		5/2/78
1	REV. TO L.S. 10/12/78		10/12/78
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15	REV. TO L.S. 10/12/78		10/12/78

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

PROJ. NO. 3444 IN 884 880 207  
 DRAWN BY J.F.  
 CHECKED BY J.F.  
 APPROVED BY J.F.  
 DATE 12/1/77

LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTION  
 RESUAL HEAT REPAIRAL

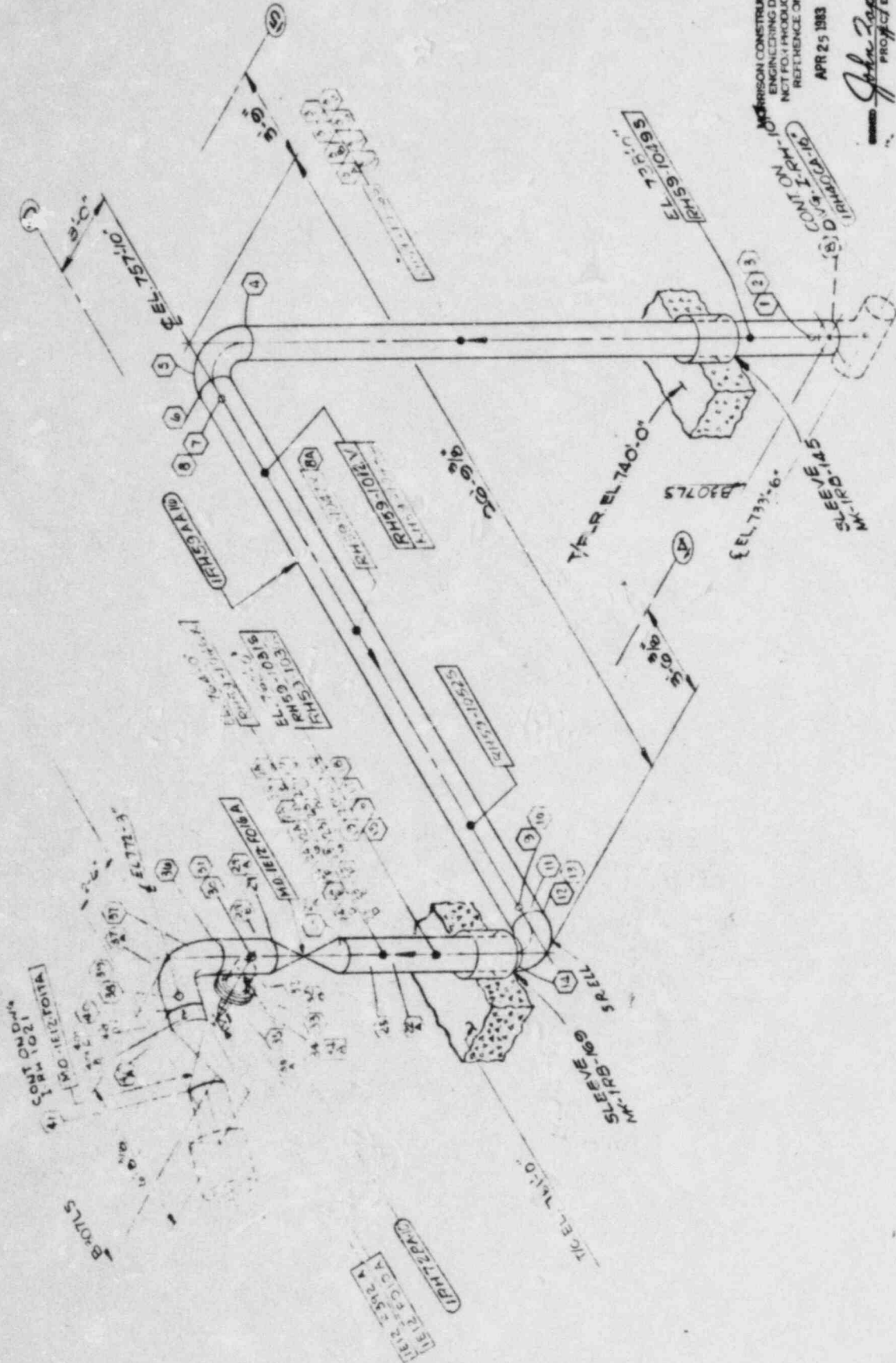
REF. DEP. NO. 87-111-111  
 U.S. GEOLOGICAL SURVEY  
 W.C.O. 1508

I-RH-1019

PLATE 1

I-RH-1020

SYD. R-H-24



JHEGATAK-S, T-127  
JHEGATAK-D, T-477

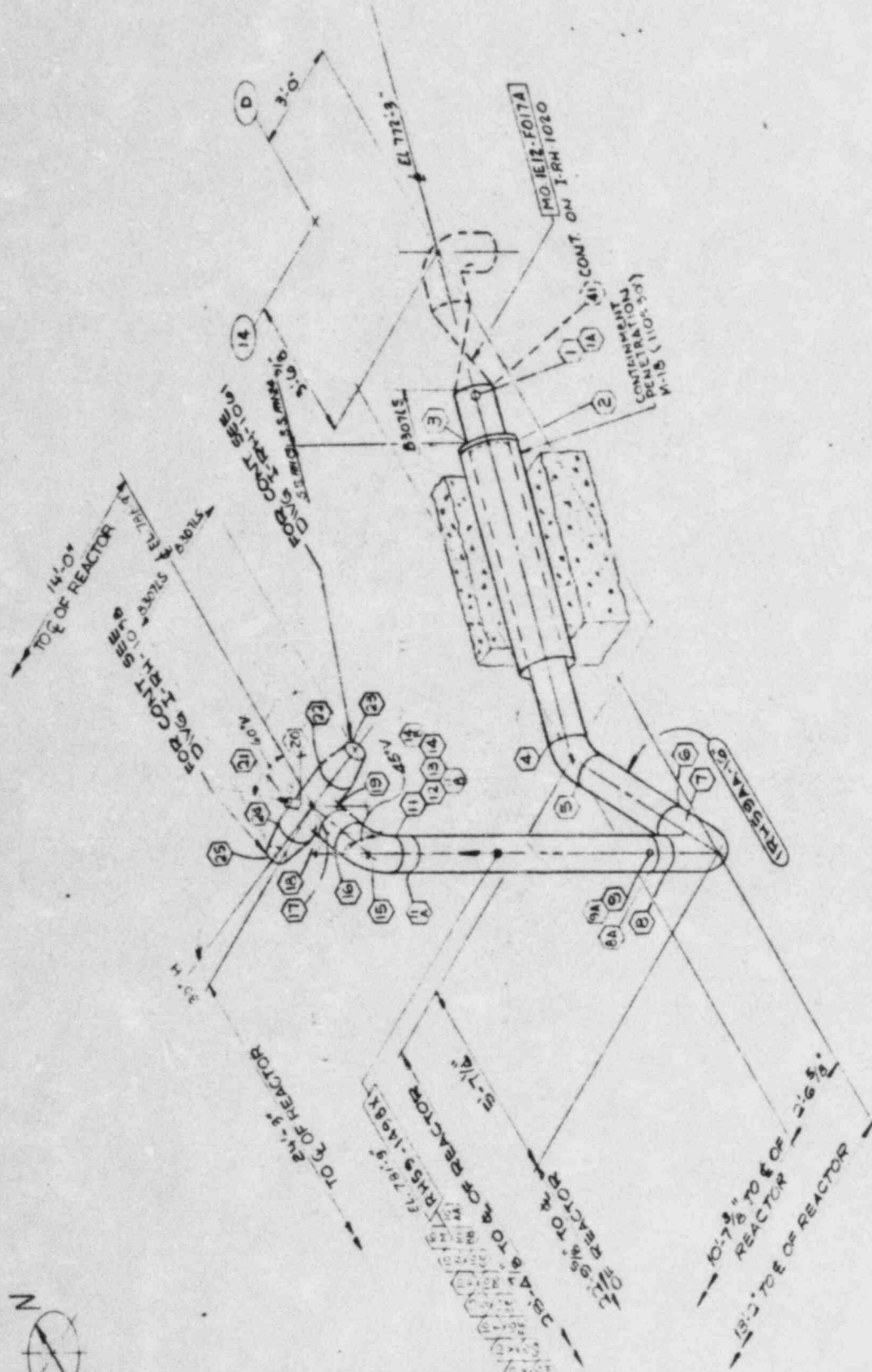
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100	REVISED	11/16/78

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA  
 DRAWN: RLF Date: 11/16/77  
 CHECKED: J.P.P. Date: 11/16/77  
 APPROVED: J.P.P. Date: 11/16/77  
 PROJECT NO. 3448  
 JOB NO. 3448  
 TEST BASED ON ASME SECT III  
 M.C.O. = 151.04-2.2.4  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTION  
 RESIDUAL HEAT REMOVAL PIPING  
 REF. DATE: 11/16/77  
 M.C.O. 151.04-2.2.4  
 I-RH-1020

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

7-1-RH-I

Y. 2-11-55, R124



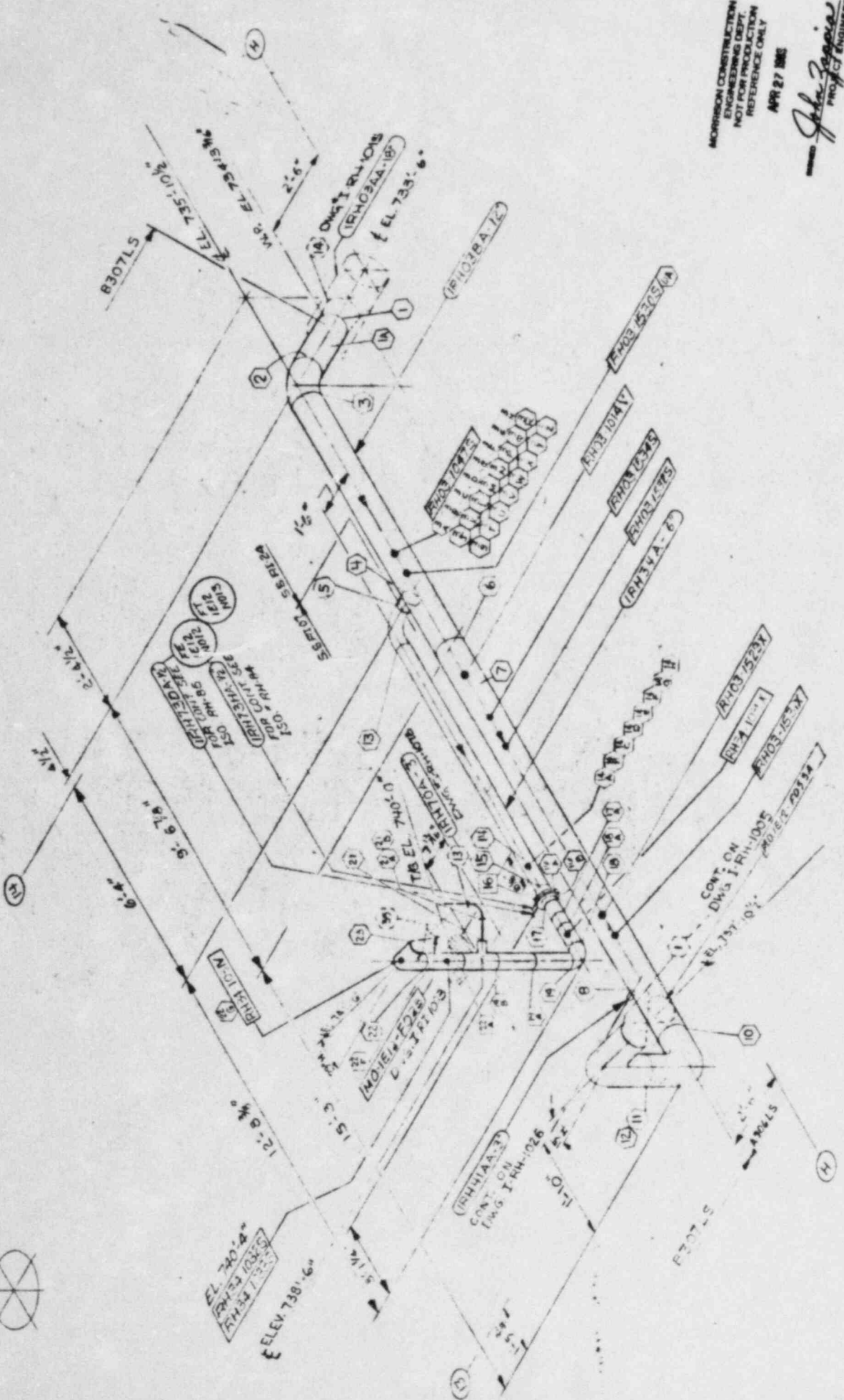
MORRISON CONSTRUCTION CO.  
ENGINEERING DEPT.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
APR 25 1988

*John J. Caprio*  
PROJECT ENGINEER

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MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA  
JOB NO. 3488 IN 884 980 207  
DATE 12/15/77  
DRAWN BY J. J. CAPRIO  
CHECKED BY J. J. CAPRIO  
APPROVED BY J. J. CAPRIO  
COMMONWEALTH EDISON CO. LASALLE COUNTY STATION UNITS 1 & 2  
INSERVICE INSPECTION  
RESIDUAL HEAT REMOVAL PIPING  
REF. DRAWING NO. 1-RH-1020  
M.C.O. 150-1-13  
I-RH-1021  
M.C.O. 150-1-13

SYSTEM 571 RH 24



MORRISON CONSTRUCTION CO.  
ENGINEERING DEPT.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
APR 27 1962

*John J. ...*  
PROJECT ENGINEER

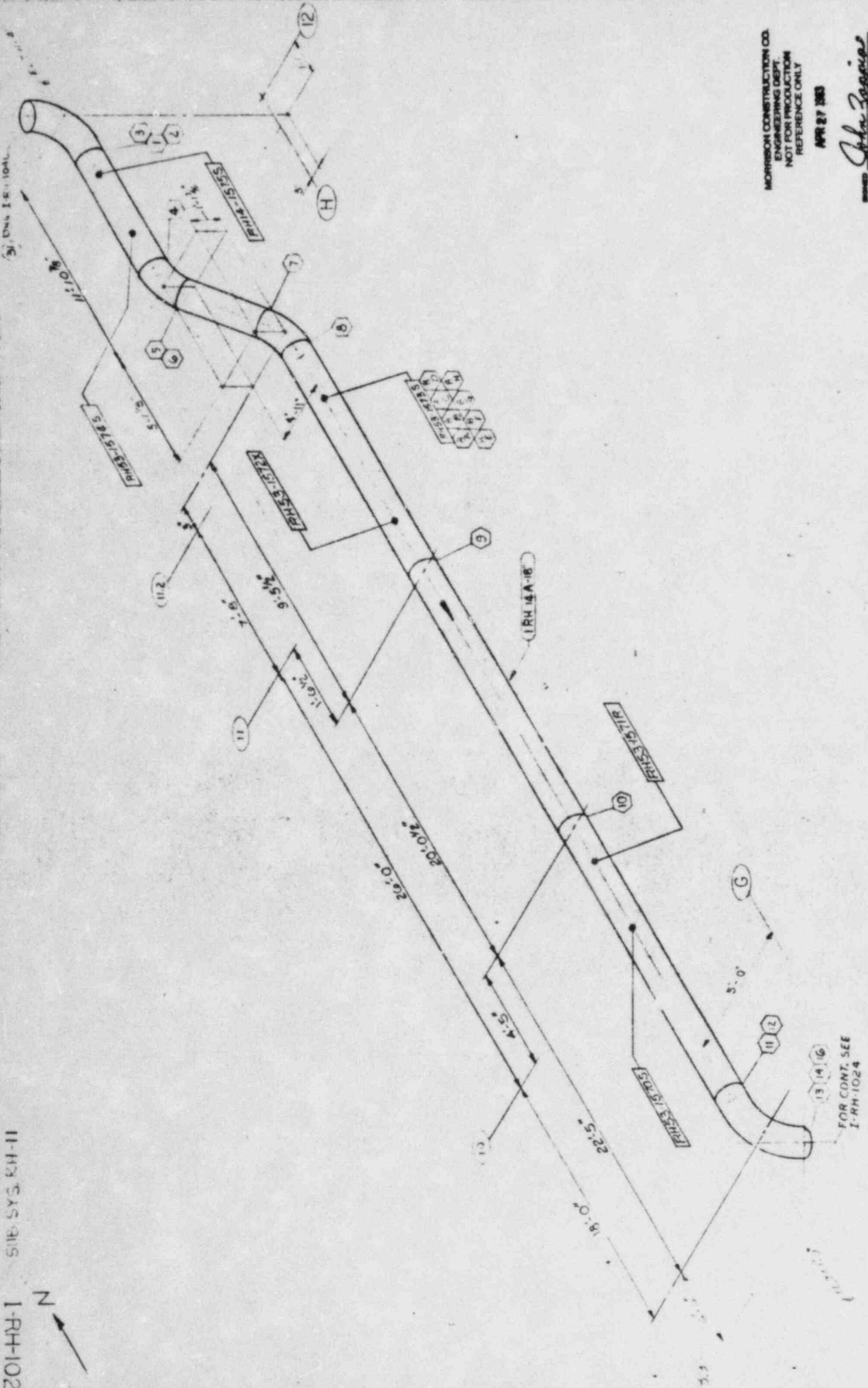
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C	REVISION	4/27/62
D	REVISION	4/27/62
E	REVISION	4/27/62

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

208 No. 3445 W. 9th St. P.O. Box 37  
Commonwealth Edison Co. La Salle County Station Units 1 & 2  
INSPECTION  
RESIDUAL HEAT REMOVAL

LINE N 103024 L<sup>2</sup> TR # RH T-52  
103024 L<sup>2</sup> TR # RH T-52





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

APR 27 1963

*John Zappala*  
 PROFESSIONAL ENGINEER

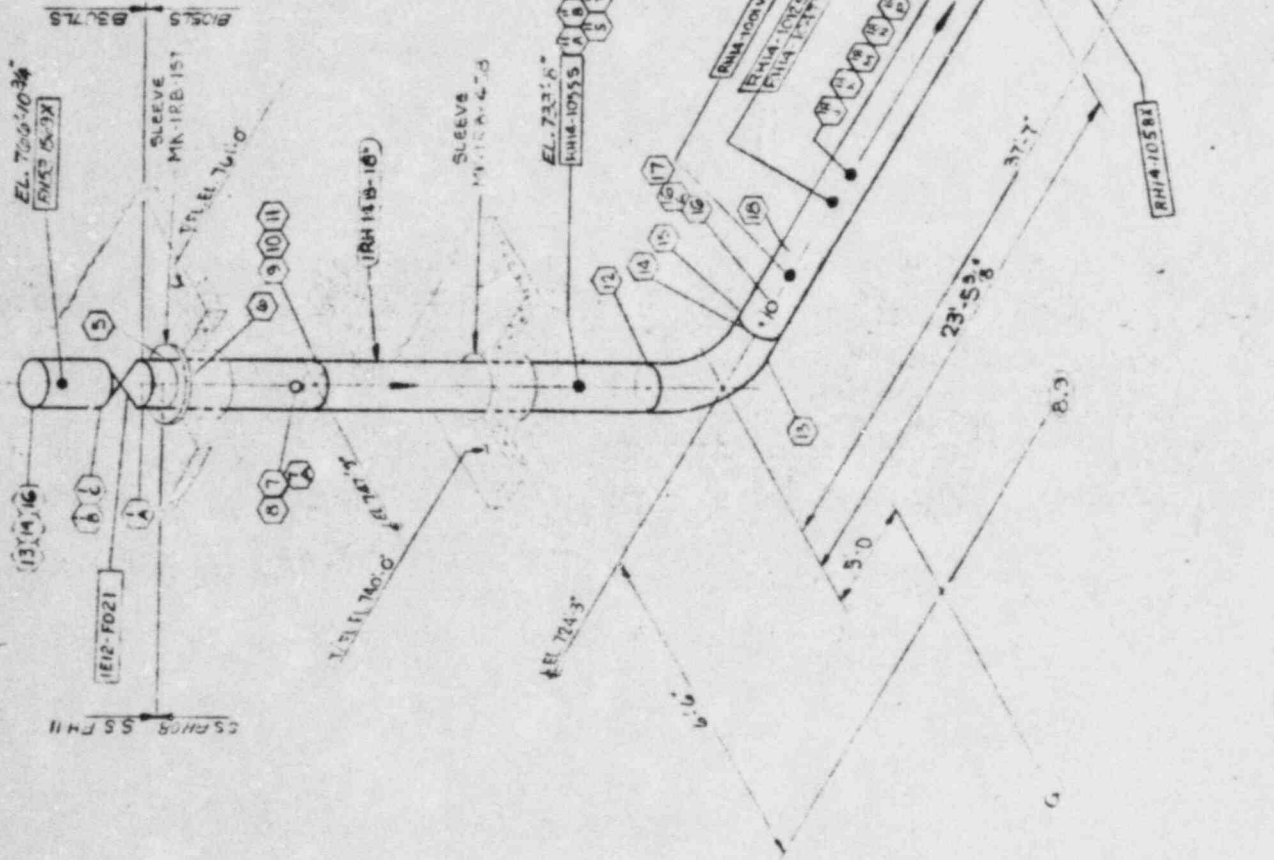
MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA

JOB NO. 3444	EX. 984 980 307	DATE	
CHECKED BY	DATE	DATE	DATE
APPROVED BY			
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2			
PE SIOGAL HEAT R. 15.741			
REF. DES. NO.	11-H3 5AS GAS	DATE	
DATE			

REV.	DESCRIPTION	BY	DATE
A	ISSUED FOR CONSTRUCTION	JZ	4/27/63
B	REVISIONS		
C	REVISIONS		
D	REVISIONS		
E	REVISIONS		
F	REVISIONS		
G	REVISIONS		

FOR CONT. SEE  
 I-RH-1024

11-H3 5AS GAS I-RH-1023



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

*John Ziegler*  
 PROJECT ENGINEER

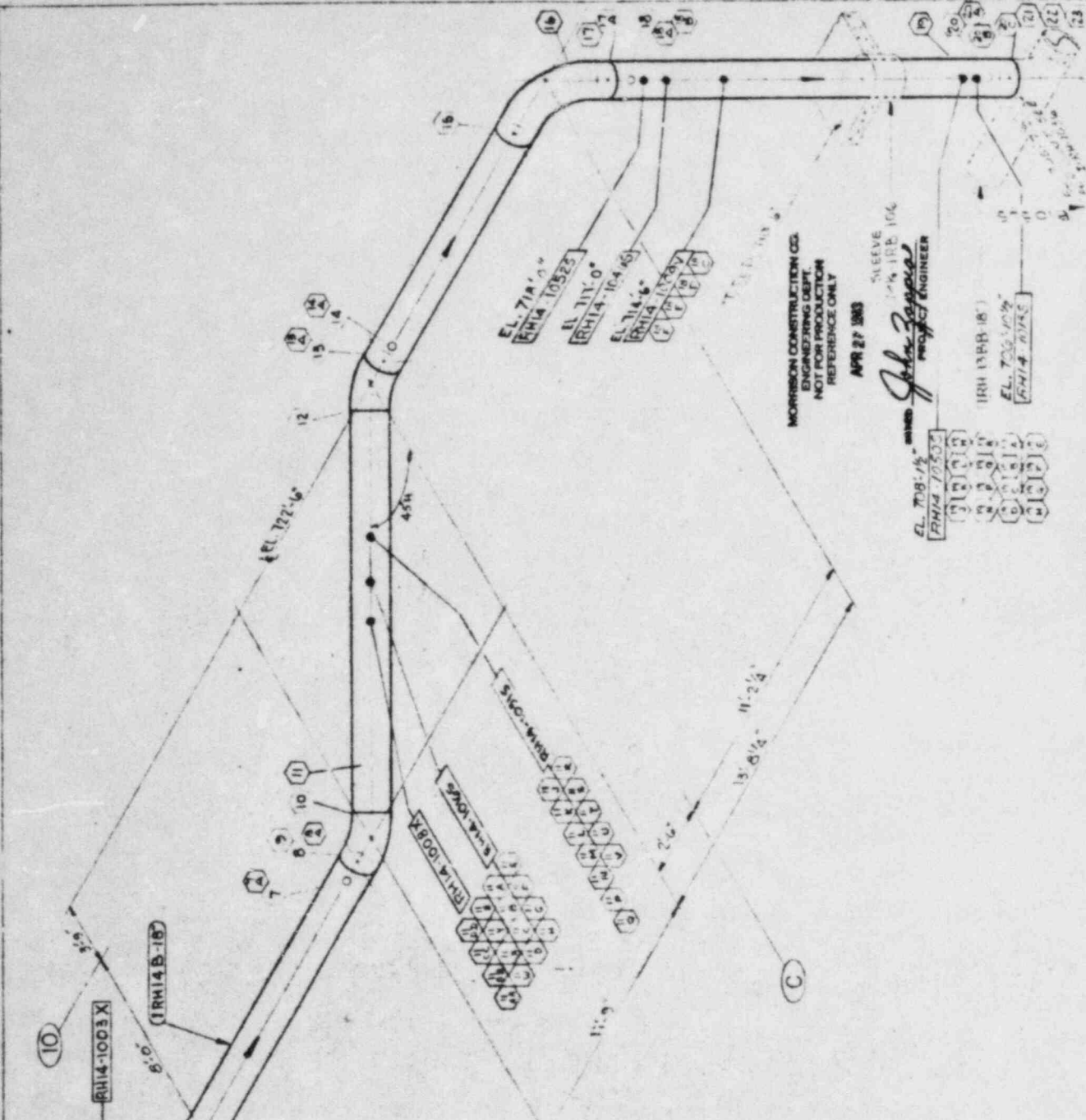
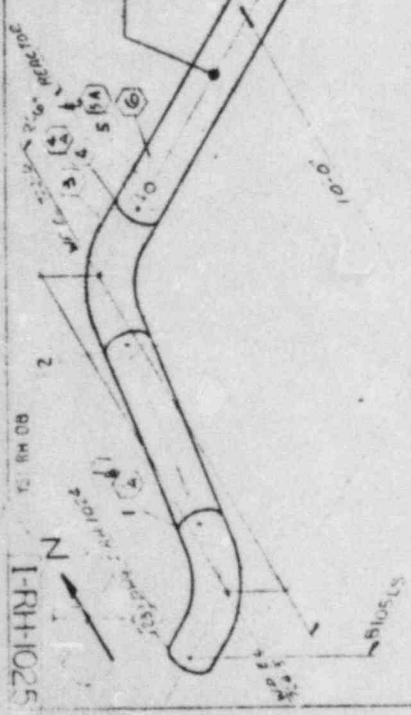
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MORRISON CONSTRUCTION CO. HAMMOND, INDIANA		Drawn by: [ ]	Date: [ ]
Job No: 3446	Project No: 983307	Checked by: [ ]	Date: [ ]
Client: COMMONWEALTH EDISON CO.	Location: LA SALLE COUNTY STATION UNITS 1 & 2	App'd: [ ]	Date: [ ]
RESIDENTIAL FEAT. REVISION		MCCO 150 #	
Ref. Draw: [ ]	Rev. [ ]	[ ]	

SEE N. END OF SHEET 1-RH-1024

1-RH-1025



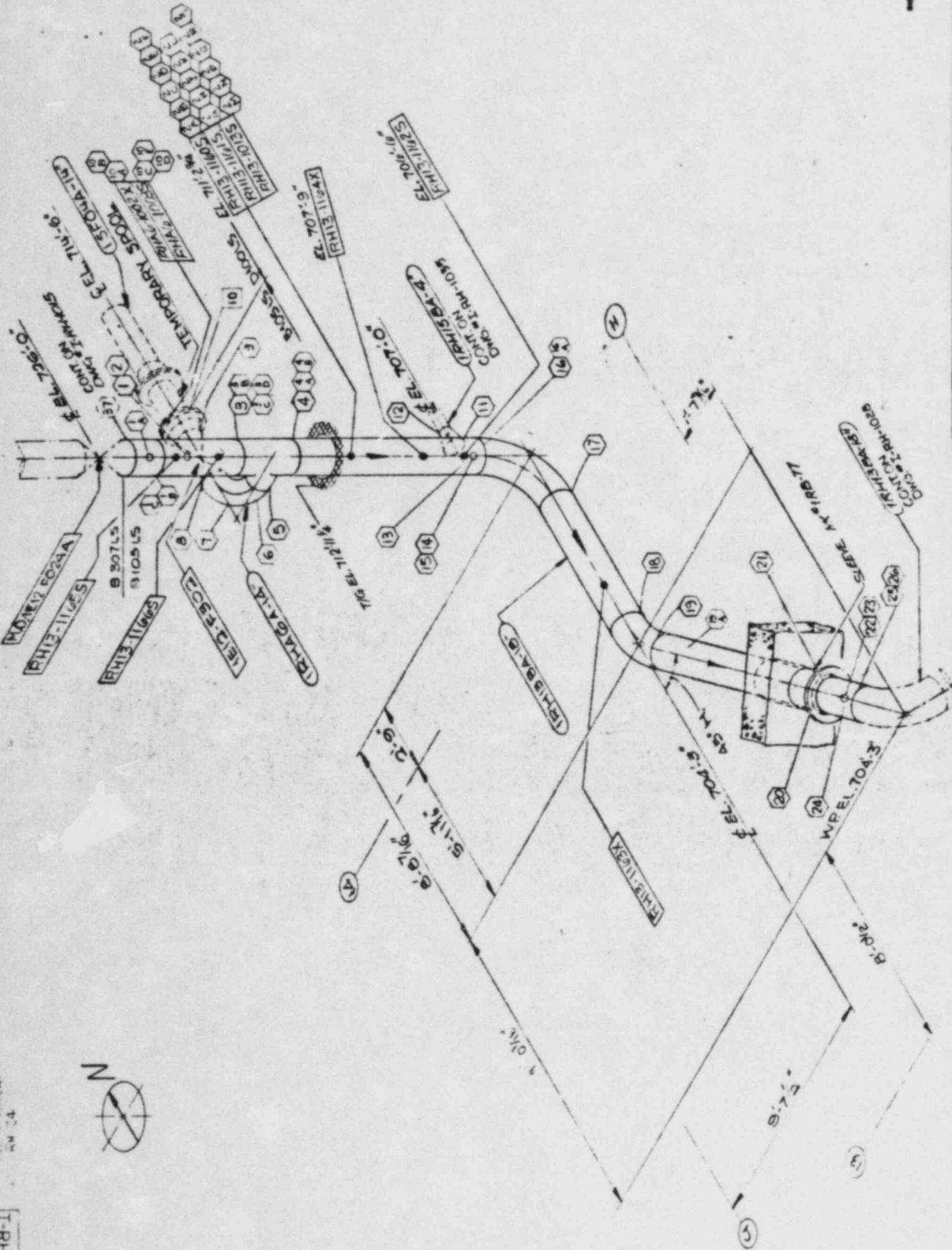
MORRISON CONSTRUCTION CO.  
ENGINEERING DEPT.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
APR 27 1983  
SLEEVE  
1 1/2" IRB 104  
PROJECT ENGINEER  
John Zappala



REVISIONS		MORRISON CONSTRUCTION CO. HAMMOND, INDIANA	
REV	Description	Drawn	Date
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81	FOR CONSTRUCTION	J. Z.	4/27/83
82	FOR CONSTRUCTION	J. Z.	4/27/83
83	FOR CONSTRUCTION	J. Z.	4/27/83
84	FOR CONSTRUCTION	J. Z.	4/27/83
85	FOR CONSTRUCTION	J. Z.	4/27/83
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88	FOR CONSTRUCTION	J. Z.	4/27/83
89	FOR CONSTRUCTION	J. Z.	4/27/83
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98	FOR CONSTRUCTION	J. Z.	4/27/83
99	FOR CONSTRUCTION	J. Z.	4/27/83
100	FOR CONSTRUCTION	J. Z.	4/27/83

DATE 08  
08/18

1-RH-1025



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

APR 27 1963

*John Zappia*  
PROJECT ENGINEER

REV	DESCRIPTION	DATE
1	REVISED PER CHANGES	4/27/63
2	REVISED PER CHANGES	4/27/63
3	REVISED PER CHANGES	4/27/63
4	REVISED PER CHANGES	4/27/63
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29	REVISED PER CHANGES	4/27/63
30	REVISED PER CHANGES	4/27/63

REVISED PER CHANGES

DATE	DESCRIPTION	BY
4/27/63	REVISED PER CHANGES	...
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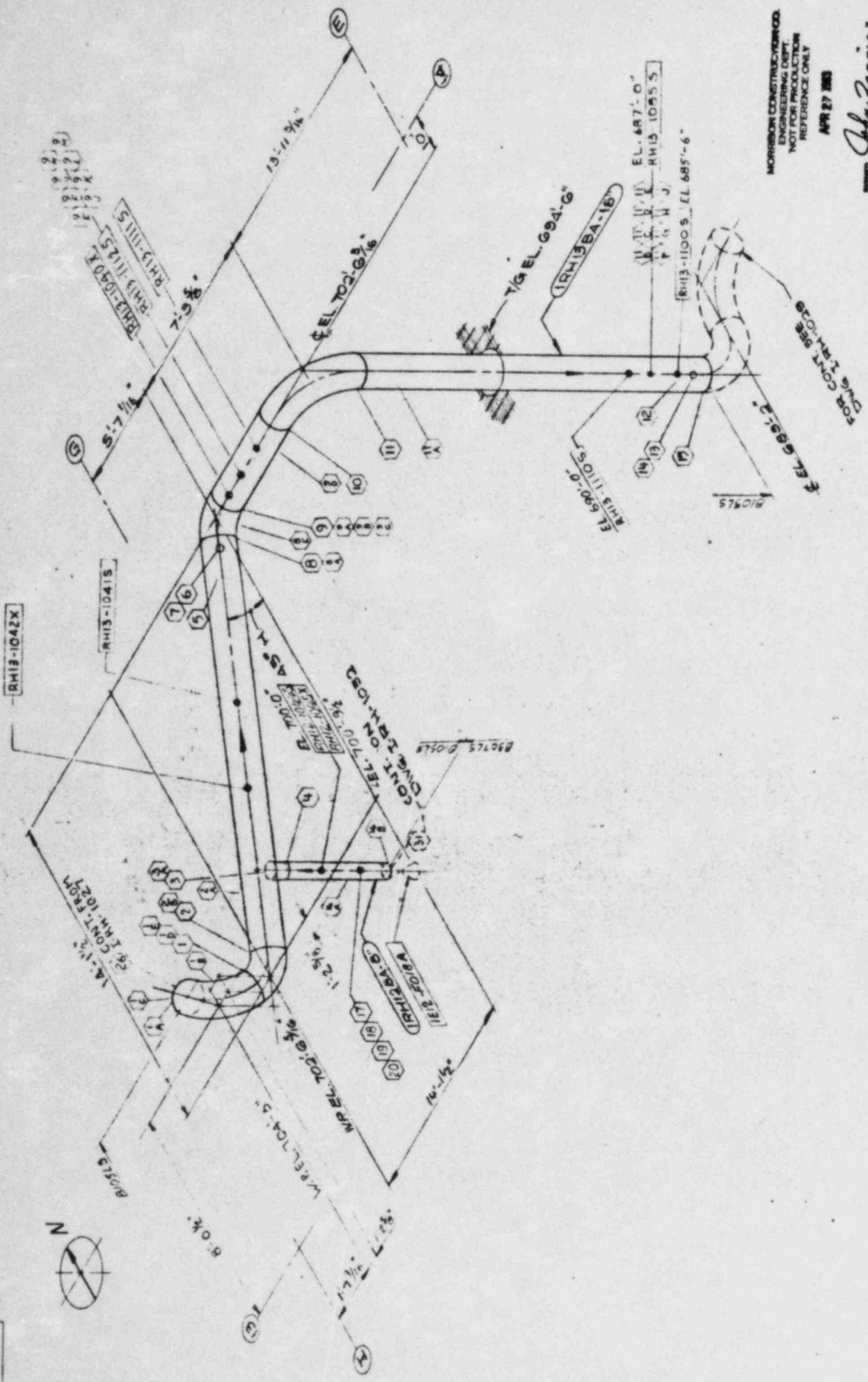
TRAVELER - RH-1 (G)  
LINE NO - IRIHGA-14"  
IPHIERA-15"

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

JOB NO. 3446  
DATE 4/27/63  
PROJECT ENGINEER  
DATE 4/27/63

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 152  
INSERVICE INSPECTION  
RESIDUAL HEAT REMOVAL

REF. DATE  
MORRISON CO. I-RH-1027



TRAVELER 67  
 RH T. 65  
 RH T. 67

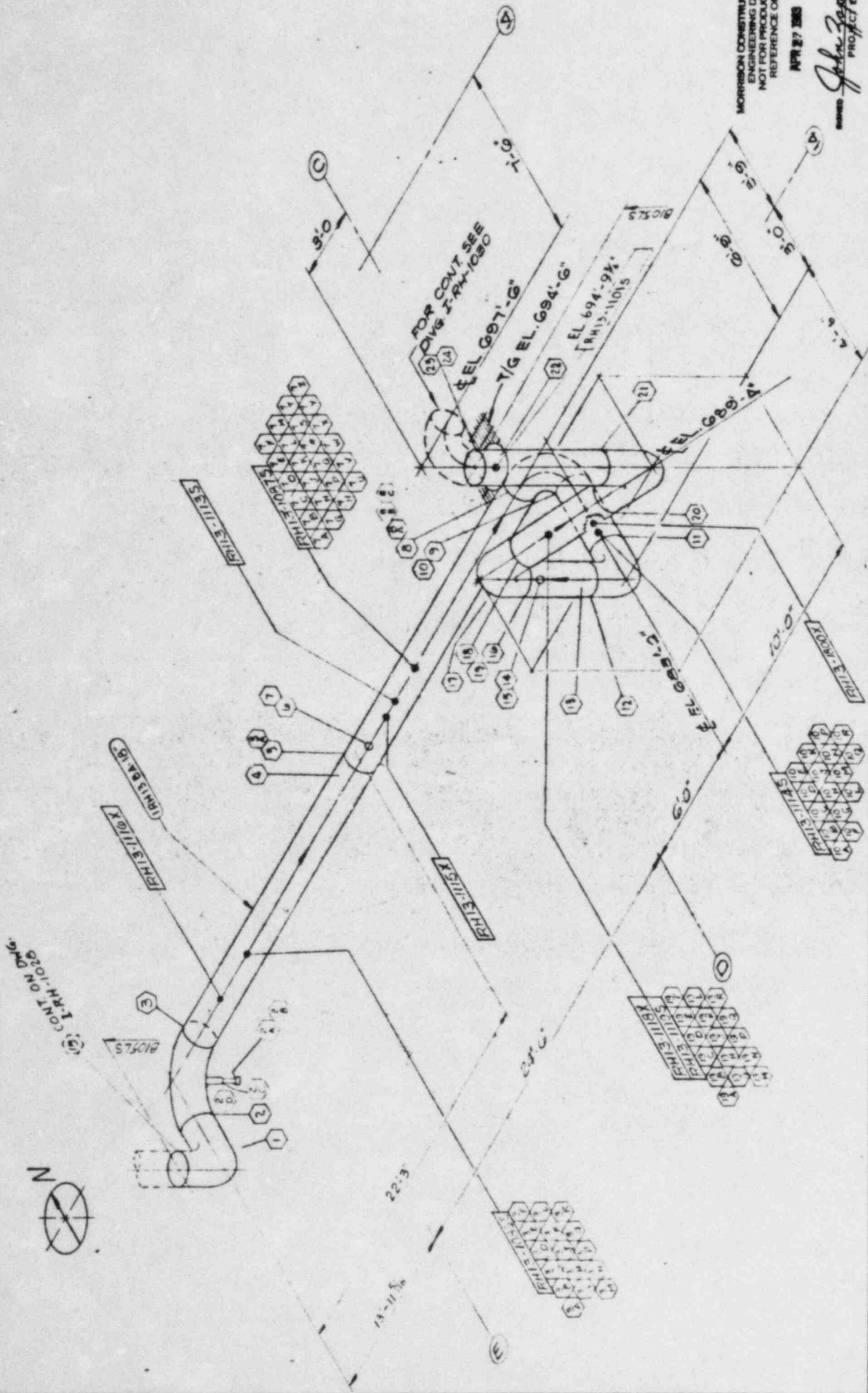
LOW 3V  
 RHIG DA 8  
 RHIG DA 10

REV	DATE	REVISIONS
1	12/21/57	AS SHOWN
2	1/15/58	REVISION
3	2/10/58	REVISION
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24	11/10/59	REVISION
25	12/10/59	REVISION

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA  
 JOB NO. 2444 PL. 884 880 207  
 I.S.I. BASED ON ASME SECT. 8  
 M.P.C. 0-151-OL-23/1  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTION  
 RESIDUAL HEAT REMOVAL PIPING  
 REF. DES. BY M. 96-114, M. 95-214  
 M.C.C. 180-8

MORRISON CONSTRUCTION CO.  
 ENGINEERING DEPT.  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 APR 27 1958  
 JOHN J. ZAPPALÀ  
 PROJECT ENGINEER

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA  
 JOB NO. 2444 PL. 884 880 207  
 I.S.I. BASED ON ASME SECT. 8  
 M.P.C. 0-151-OL-23/1  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTION  
 RESIDUAL HEAT REMOVAL PIPING  
 REF. DES. BY M. 96-114, M. 95-214  
 M.C.C. 180-8  
 I-RH-1028



MORRISON CONSTRUCTION CO.  
ENGINEERING DEPT.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
APR 27 1969

*John Zappia*  
PROJECT ENGINEER

REV	DATE	DESCRIPTION
1	12/15/67	FOR CONT SEE DWG I-RH-1029
2	1/10/68	FOR CONT SEE DWG I-RH-1029
3	1/10/68	FOR CONT SEE DWG I-RH-1029
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LINE No. IRH18A-18  
TRAVELLER No. RH-T-69

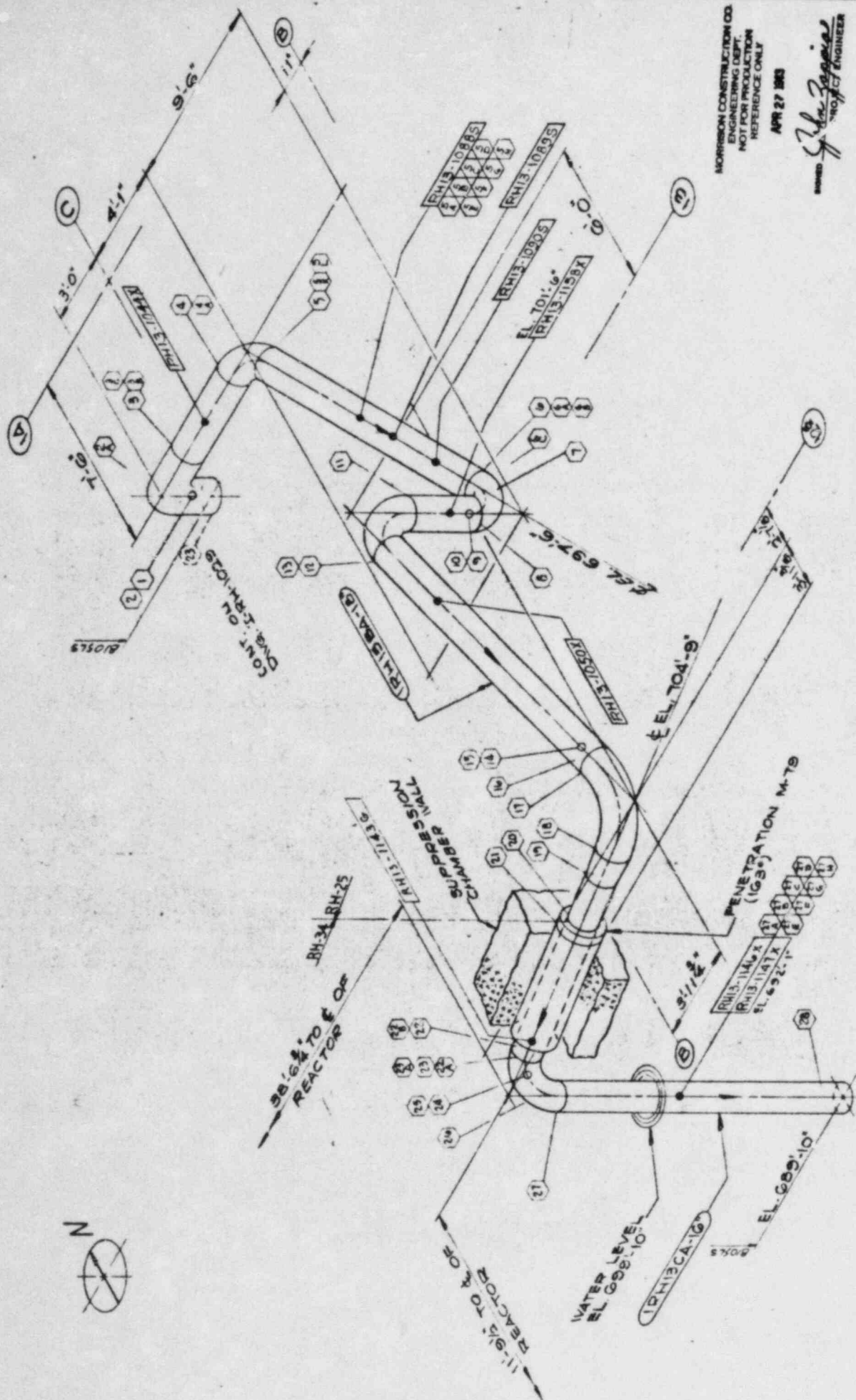
MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

Job No. 2484  
Date 12/15/67  
Checked P.J.  
Approved P.J.  
MCCO 131-01-131/L

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

REF. DWG. No. M-2484-18-1  
MCCO 180-1  
I-RH-1029

I-RH-1030 9. SYS. NO. RH-25434



MORRISON CONSTRUCTION CO.  
ENGINEERING DEPT.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
APR 27 1963  
SEAL OF THE REGISTERED PROFESSIONAL ENGINEER

LINE NO. 15H13BA-12 TR. RH-T-103  
15H13CA-18 RH-T-032

REV.	DESCRIPTION	DATE
A	REVISION	4/27/63
B	REVISION	5/1/63
C	REVISION	5/1/63
D	REVISION	5/1/63
E	REVISION	5/1/63
F	REVISION	5/1/63

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

JOB NO. 3444 PL. 04 900 307  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 DATE: 4-27-63  
 DESIGNED BY: [Signature]  
 DATE: 4-27-63  
 APPROVED BY: [Signature]  
 DATE: 4-27-63

U.S.T. BASED ON AREA SECT. 316  
 S.L.C.D. - 1510N-1324  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTION  
 RESIDUAL HEAT REMOVAL PIPING

SEE DRAWING NO. 15H13CA-18  
 M.C.C.O. 1507

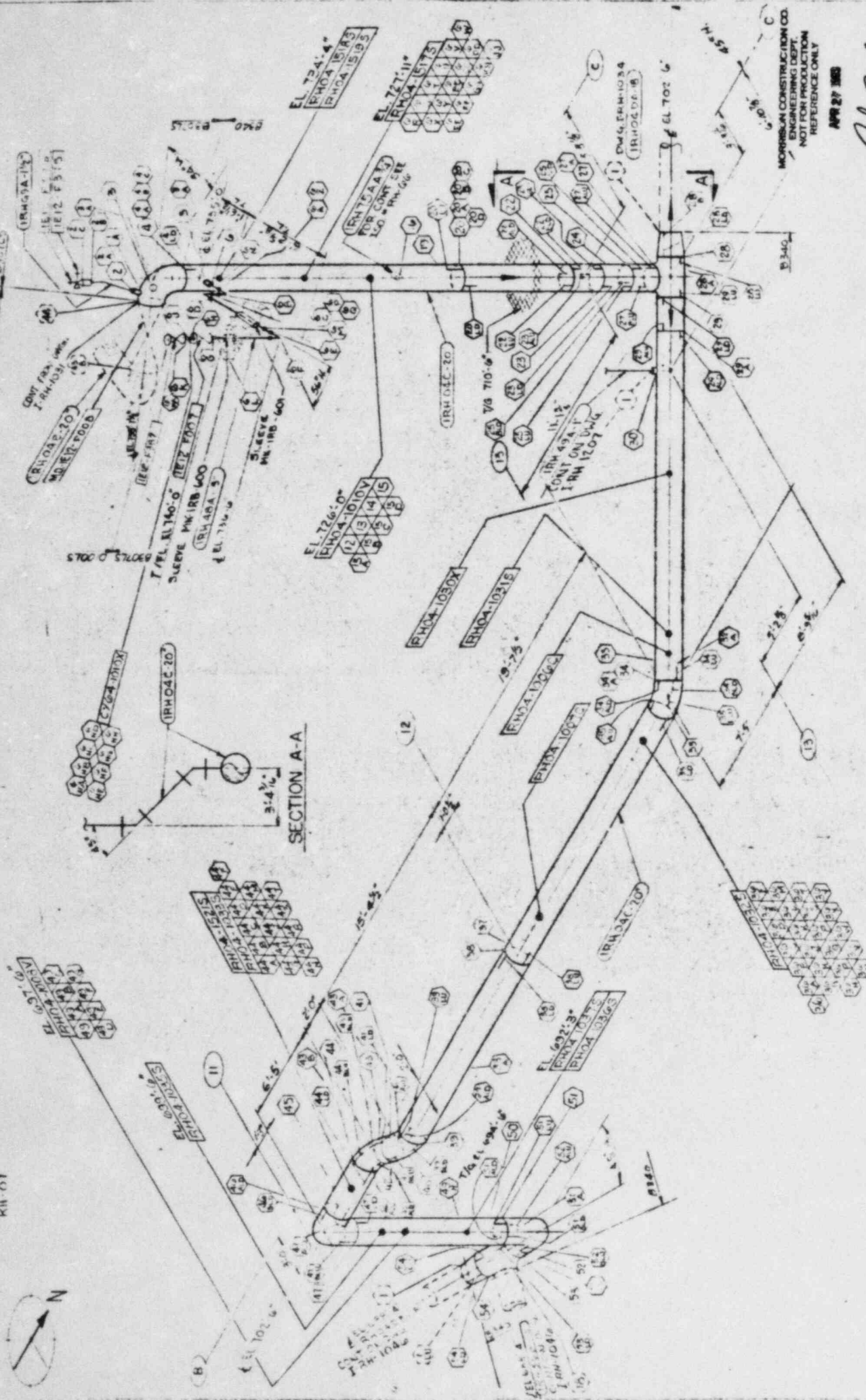
I-RH-1030







SUB SYSTEM  
RH-01  
I-RH-1033



APR 27 1953

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

MORRISON CONSTRUCTION CO.  
MAMMOUTH, INDIANA

NO.	DATE	REVISIONS
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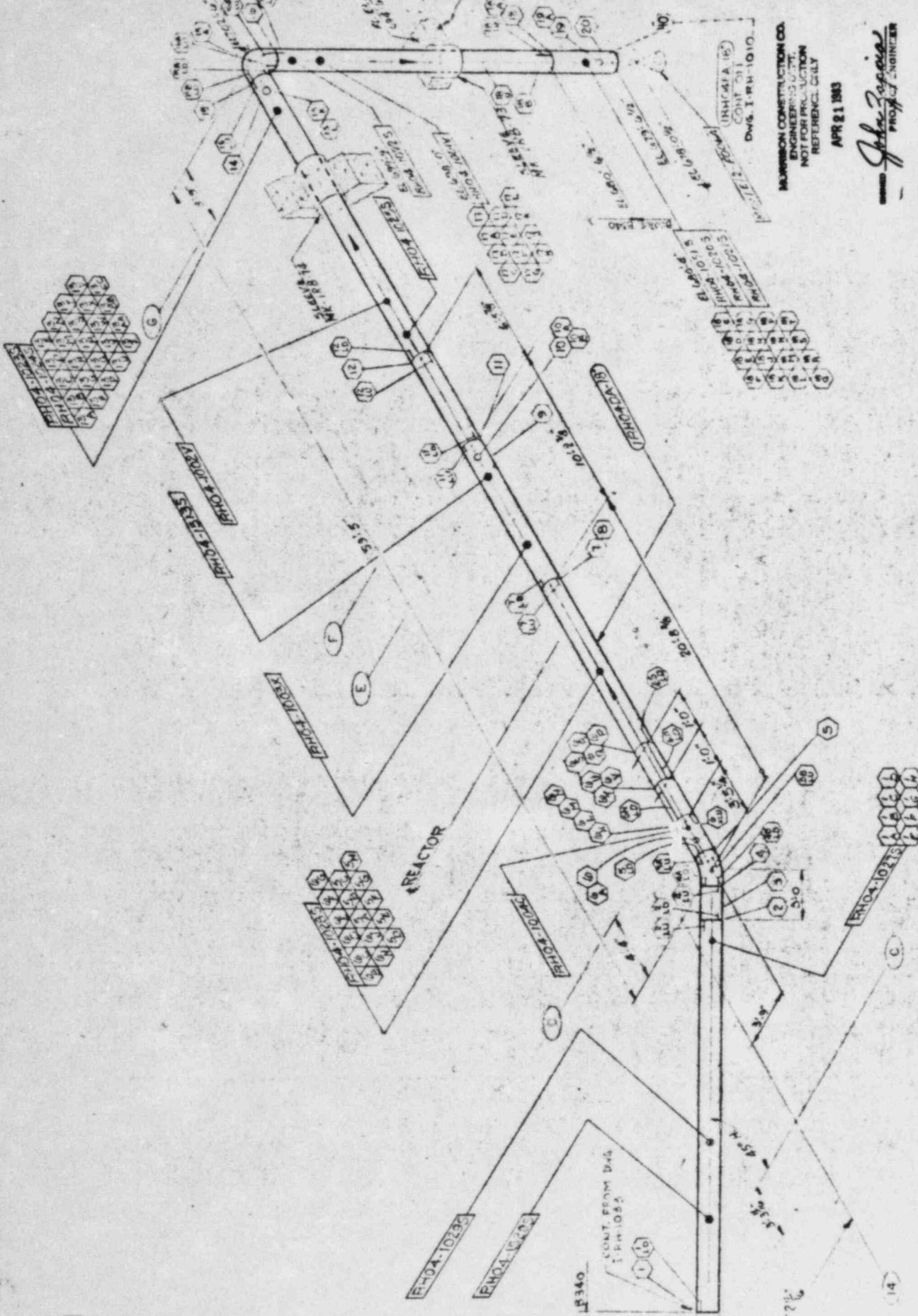
TRAVELER - RH-T-100  
LINE NO RH04C-20  
RH04A-5

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

MORRISON CONSTRUCTION CO.  
MAMMOUTH, INDIANA

JOB NO 3444 P. 844 845 847  
CHECKED BY A. W. BOSTON  
MCCOY - I. E. O. - 5/2/N  
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
INSPECTION  
H. STUBBS - H. STUBBS  
REF. DWG. No. 1033-1, 1033-2, 1033-3, 1033-4, 1033-5, 1033-6, 1033-7, 1033-8, 1033-9, 1033-10, 1033-11, 1033-12, 1033-13, 1033-14, 1033-15, 1033-16, 1033-17, 1033-18, 1033-19, 1033-20, 1033-21, 1033-22, 1033-23, 1033-24, 1033-25, 1033-26, 1033-27, 1033-28, 1033-29, 1033-30, 1033-31, 1033-32, 1033-33, 1033-34, 1033-35, 1033-36, 1033-37, 1033-38, 1033-39, 1033-40, 1033-41, 1033-42, 1033-43, 1033-44, 1033-45, 1033-46, 1033-47, 1033-48, 1033-49, 1033-50, 1033-51, 1033-52, 1033-53, 1033-54, 1033-55, 1033-56, 1033-57, 1033-58, 1033-59, 1033-60, 1033-61, 1033-62, 1033-63, 1033-64, 1033-65, 1033-66, 1033-67, 1033-68, 1033-69, 1033-70, 1033-71, 1033-72, 1033-73, 1033-74, 1033-75, 1033-76, 1033-77, 1033-78, 1033-79, 1033-80, 1033-81, 1033-82, 1033-83, 1033-84, 1033-85, 1033-86, 1033-87, 1033-88, 1033-89, 1033-90, 1033-91, 1033-92, 1033-93, 1033-94, 1033-95, 1033-96, 1033-97, 1033-98, 1033-99, 1033-100

I-RH-1033



CONTRACT NO. 1-110-1010  
 DATE APRIL 1963  
 SHEET NO. 1 OF 1

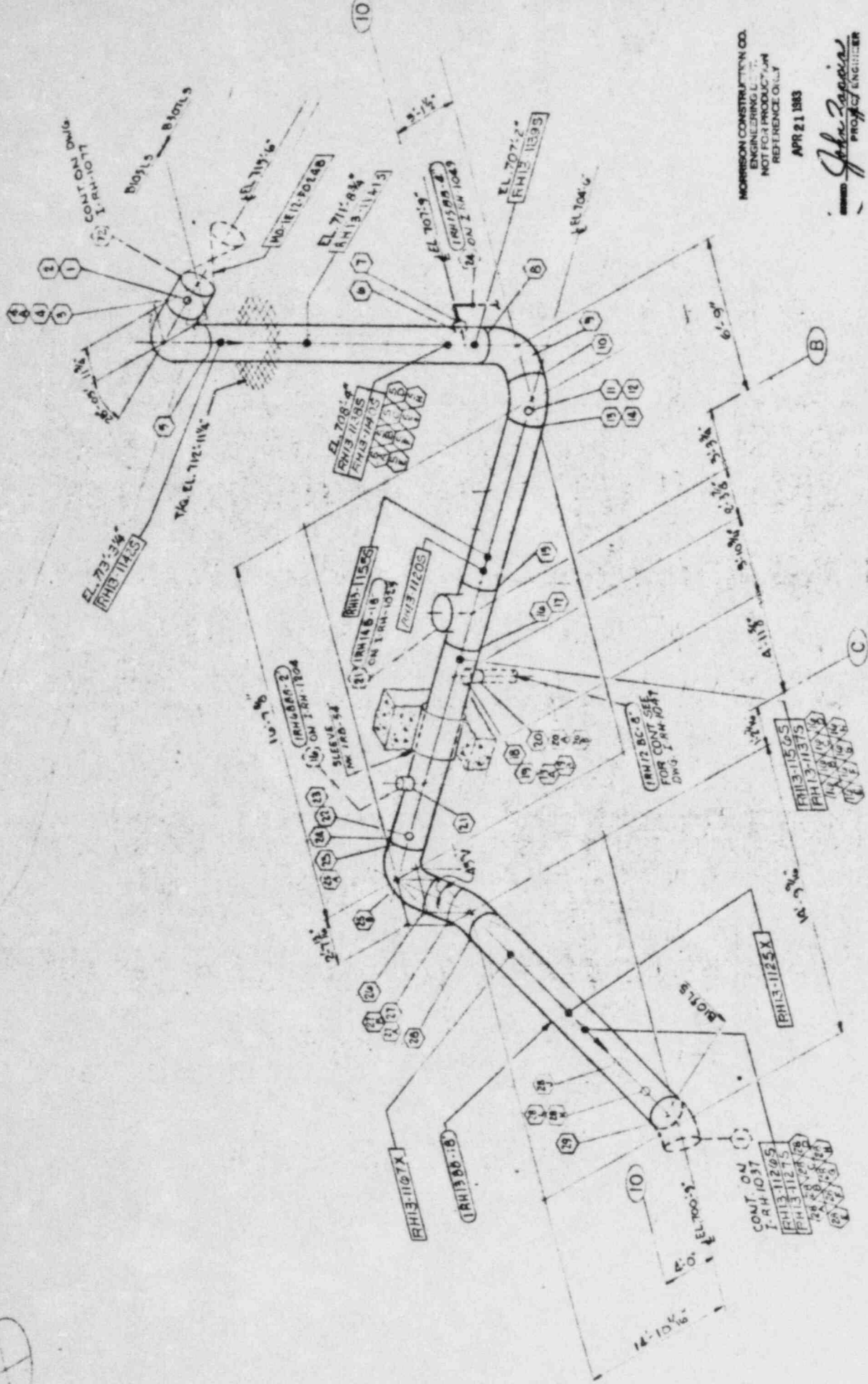
**MORRISON CONSTRUCTION CO.**  
 ENGINEERING DEPT.  
 NOT FOR PRODUCTION  
 REFERENCE ONLY

APR 21 1963

**John Zappa**  
 PROJECT ENGINEER

<b>MORRISON CONSTRUCTION CO.</b> HAMMOND, INDIANA		DATE: 1-11-63
JOB NO. 3488	PLAN NO. 107	DATE: 2-20-74
REV. NO. 1	REV. DESCRIPTION	DATE
A	REVISIONS	
B	...	
C	...	
D	...	
E	...	
F	...	
<b>COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 &amp; 2</b> PROJECT NO. 1-110-1010		REF. PROJ. PLAN NO. 107
REF. PROJ. PLAN NO. 107	DATE: 1-11-63	REV. NO. 1
DATE: 2-20-74	DATE: 1-11-63	DATE: 1-11-63
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LINE NO. 1000  
 DRAWING NO. 197-10  
 SHEET NO. 1 OF 1

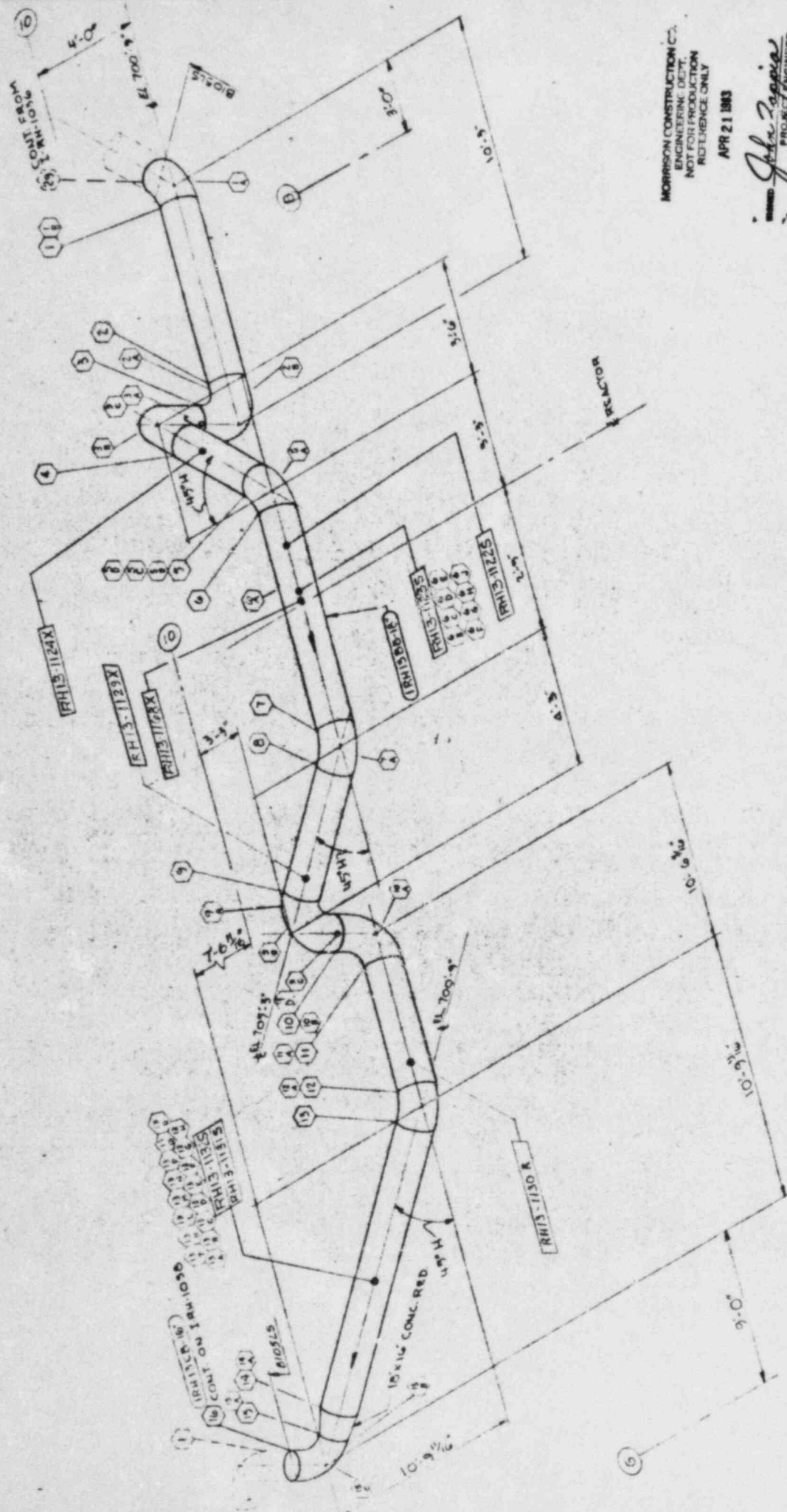


MORRISON CONSTRUCTION CO.  
 ENGINEERING L.L.C.  
 NOT FOR PRODUCT USE  
 REFERENCE ONLY  
 APR 21 1983  
*John Zappia*  
 PROJECT ENGINEER

REVISIONS		DATE	BY	CHKD BY
0	PRELIM	6-10-78		
1	REVISED ON 10-2-78	10-2-78		
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LINE NO. 174132E IS T.A. 5M.70

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA  
 JOB NO. 3444 FA 984 980 307  
 DATE: 6-30-78  
 T.S. DRAWN ON A.S.M.E. SHEET NO. 6  
 CHECKED BY: [Signature]  
 DATE: 7-7-78  
 M.C.C.O. = 131-04-14/P  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTION  
 RESIDUAL HEAT REMOVAL  
 REF. DWG. NO. 1-3-31-2, 6  
 2, 6, 30-2/4, 31, 6, 33 3/4  
 M.C.C.O. 160 #  
 I-RH-1036



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

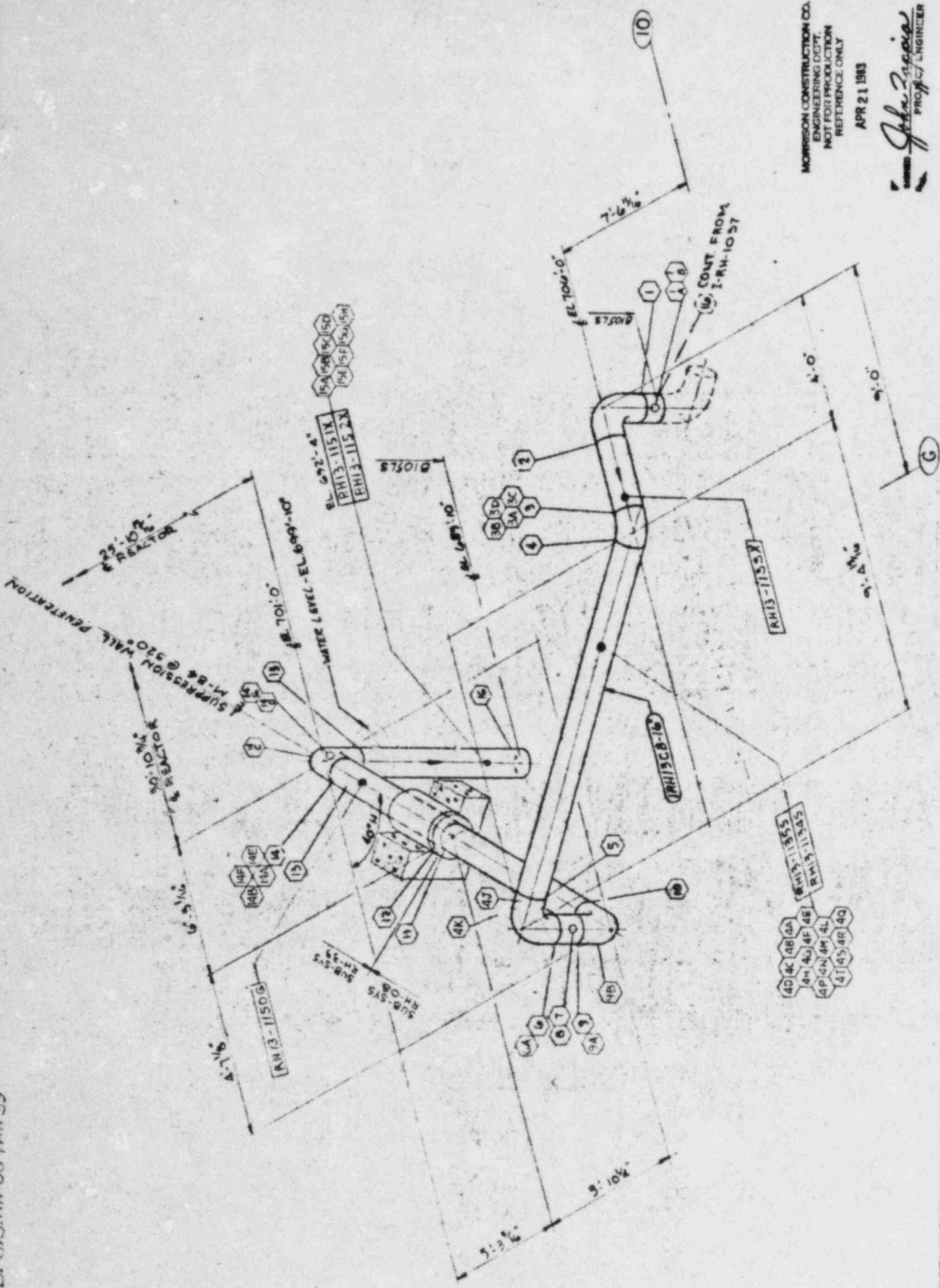
APR 21 1963

*John Zappia*  
 PROJECT ENGINEER

MORRISON CONSTRUCTION CO. HAMMOND, INDIANA	
Job No. 2444	Ft. 654 980 207
Drawn By	DATE 4-1-63
Checked By	DATE 4-1-63
Scale	AS SHOWN
Project	COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2
Sheet	INSERVICE INSPECTION RESIDUAL HEAT REMOVAL
Project Engineer	<i>John Zappia</i>
Client	COMMONWEALTH EDISON CO.
Sheet No.	1-RH-1037

REV.	DESCRIPTION	DATE
1	Issue for construction	4-1-63
2	Revised for construction	4-1-63
3	Revised for construction	4-1-63
4	Revised for construction	4-1-63
5	Revised for construction	4-1-63
6	Revised for construction	4-1-63
7	Revised for construction	4-1-63
8	Revised for construction	4-1-63
9	Revised for construction	4-1-63
10	Revised for construction	4-1-63
11	Revised for construction	4-1-63
12	Revised for construction	4-1-63
13	Revised for construction	4-1-63
14	Revised for construction	4-1-63
15	Revised for construction	4-1-63
16	Revised for construction	4-1-63
17	Revised for construction	4-1-63
18	Revised for construction	4-1-63
19	Revised for construction	4-1-63

LINE NO. 1012 FEB 19 11 1963 PHT 70



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

REV. REVISIONS

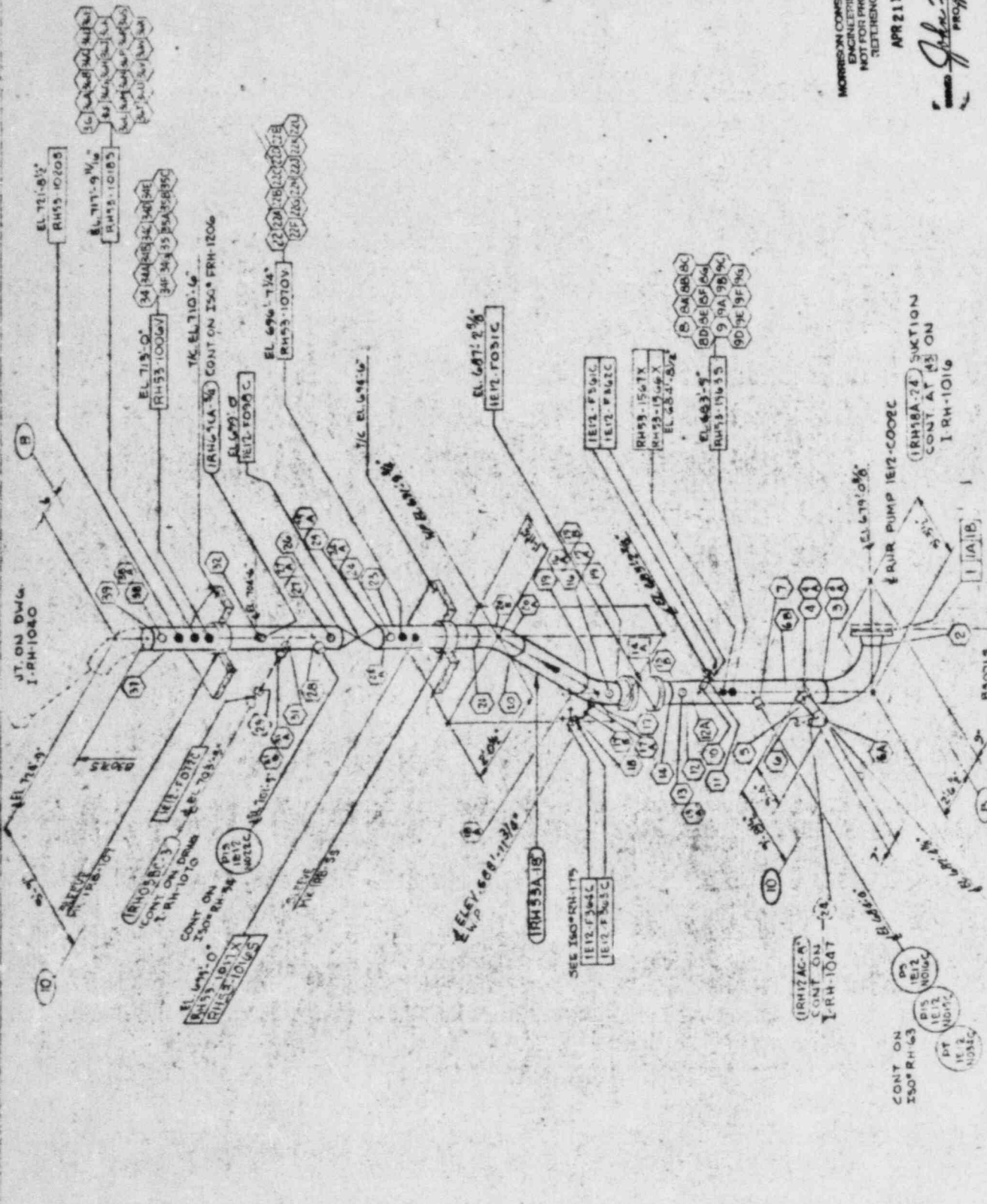
NO.	DESCRIPTION	BY	DATE
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1	REVISED		
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MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA  
 JOB NO. 3488 IN 684 890 307  
 DRAWN BY  
 CHECKED BY  
 APPROVED BY  
 TITLE  
 DATE  
 SHEET NO.  
 TOTAL SHEETS

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE INSPECTION  
 RE SIDUAL HEAT REMOVAL  
 REF. SPEC. NO. 14.38-2.15. RE 833.46.0. MCCO 150. M.833.14.1.F

I-RH-1038

LINE NO. 11551679 T-S-RH-399



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

REVISIONS		DATE	BY	CHKD
1	AS SHOWN	4/21/83	JZ	JZ
2	ADD 1/2\"/>			

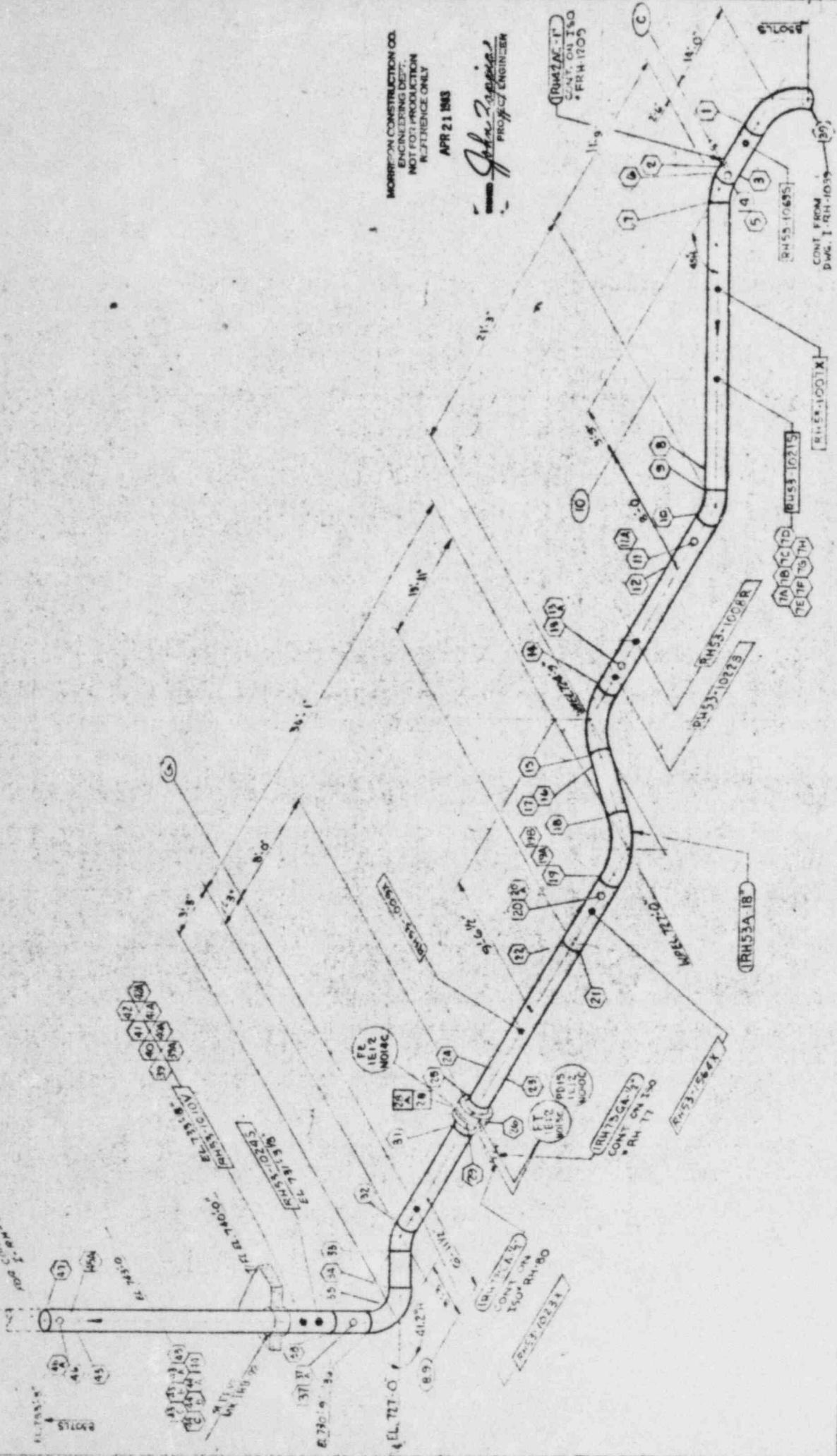
MORRISON CONSTRUCTION CO. HAMMOND, INDIANA		DATE: 11-11-82
JOB NO. 3486	PL 888 888 307	CHECKED: JZ
DATE: 4-21-83	DATE: 4-21-83	DATE: 4-21-83
APPROVED: JZ	DATE: 4-21-83	DATE: 4-21-83

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

REF: Eng. No. PL 888 888 307  
 11-20-83

TRAILER # LINE #  
 R/T 1014 I-RH-53A B



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

*John Joseph*  
PROJECT ENGINEER

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

LINE NO. 1040A-16  
DRAFTED PRT-10A

REV.	DESCRIPTION	DATE
A	REVISION 1040A-16	10/1/82
B	REVISION 1040A-16	10/1/82
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D	REVISION 1040A-16	10/1/82
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I-RH-1040

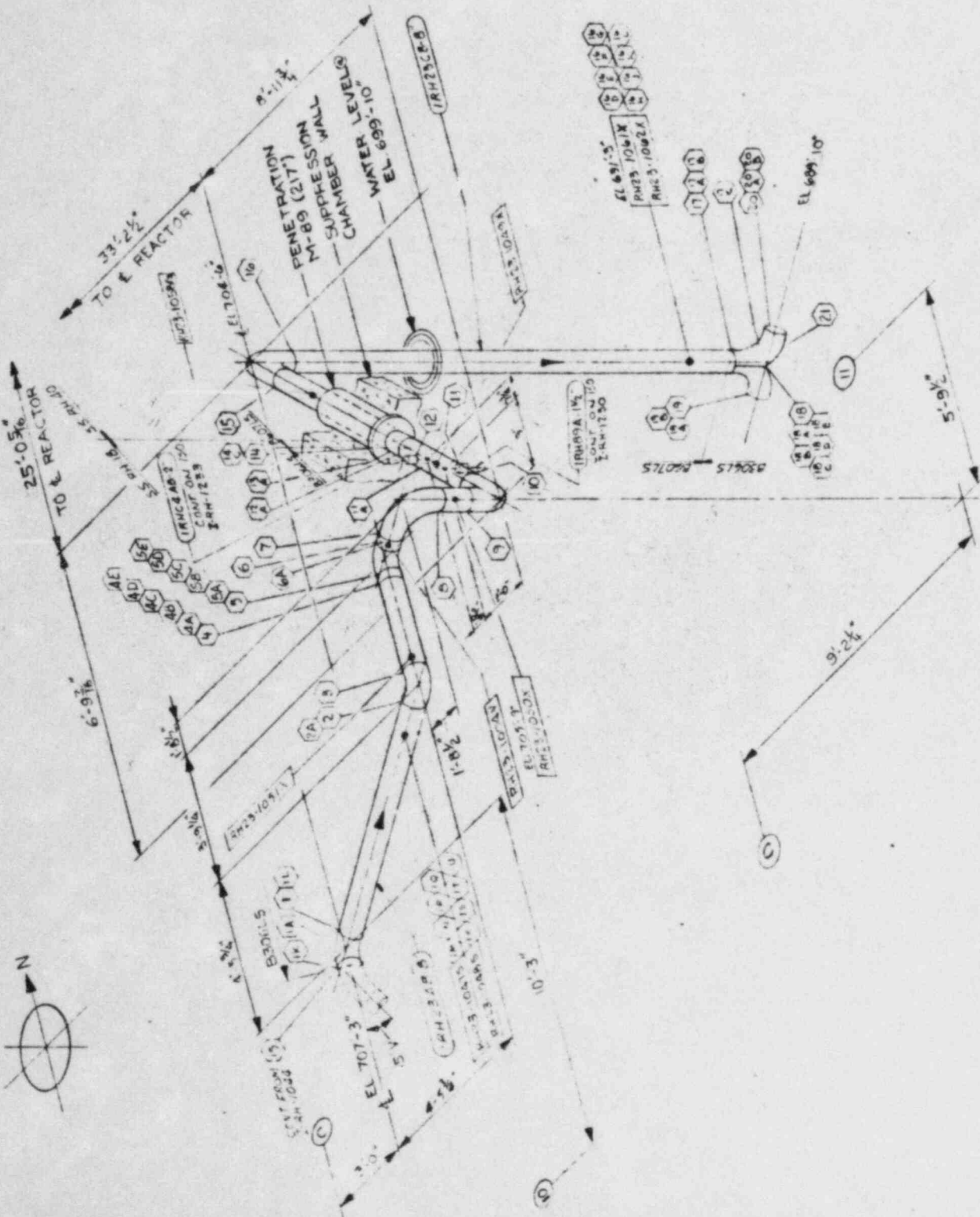












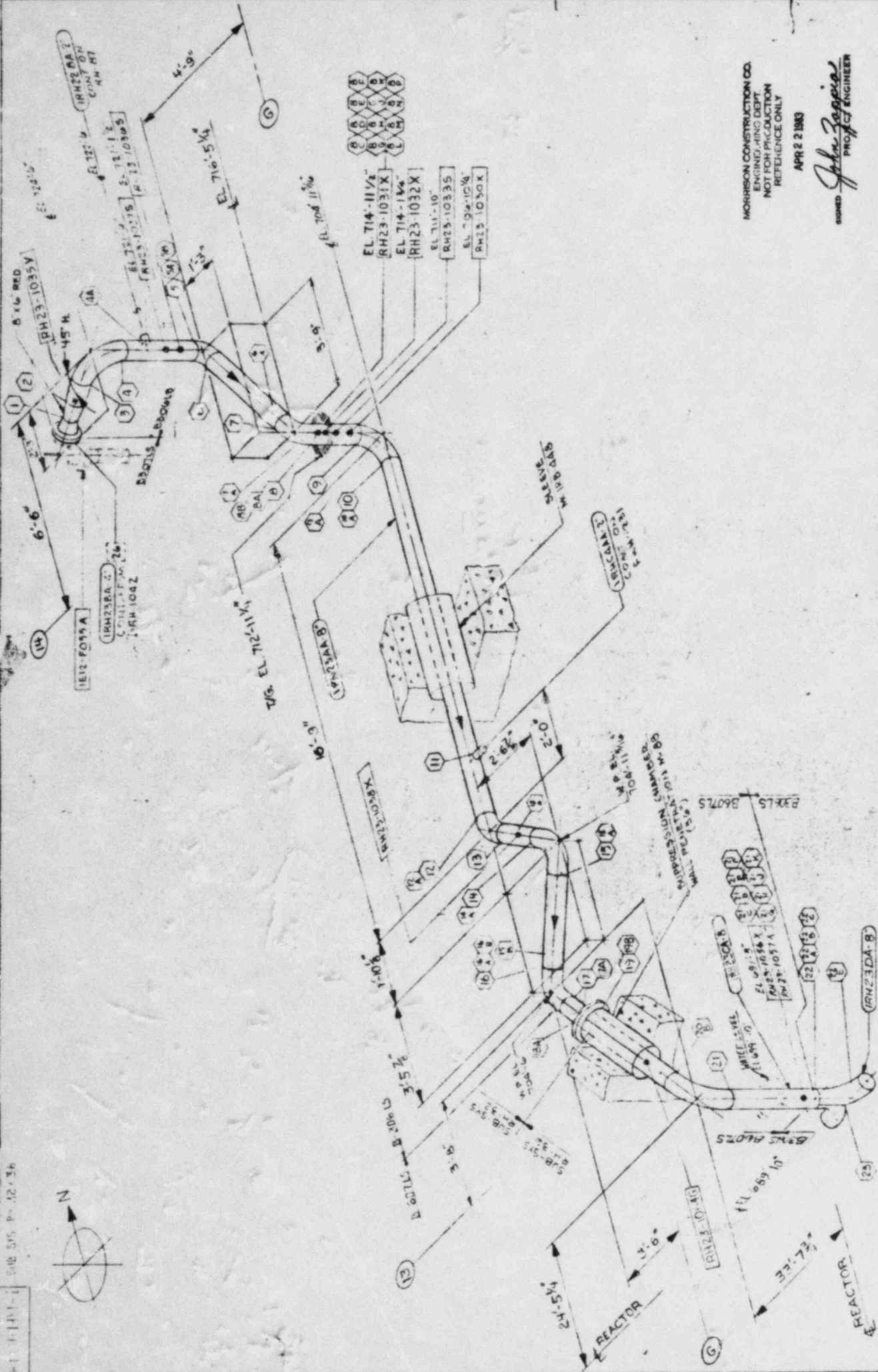
MORRISON CONSTRUCTION CO.  
 ENGINEER  
 NOT FOR PRODUCTION  
 RETURN TO OFFICE ONLY  
 APR 21 1963  
*John Z. Morris*  
 PROJECT ENGINEER

REVISIONS		MORRISON CONSTRUCTION CO. HAMMOND, INDIANA	
NO.	DATE	BY	CHKD.
1	PRELIM		
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PROJECT NO. 30118  
 DRAWING NO. 30118-1040  
 SHEET NO. 1 OF 1  
 PROJECT ENGINEER: *John Z. Morris*  
 DATE: APR 21 1963  
 DRAWN BY: [Blank]  
 CHECKED BY: [Blank]  
 APPROVED BY: [Blank]  
 COMMONWEALTH OF INDIANA  
 COMMUNITY DEVELOPMENT DEPARTMENT  
 DIVISION OF REACTOR SAFETY  
 PROJECT NO. 30118  
 DRAWING NO. 30118-1040  
 SHEET NO. 1 OF 1  
 PROJECT ENGINEER: [Blank]  
 DATE: [Blank]







MORRISON CONSTRUCTION CO.  
ENGINEERING DEPT.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
APR 2 1983

SIGNED *John Zappala*  
PROJECT ENGINEER

REVISIONS		DATE	BY	CHK	APP'D
1	ISSUED	11/16/77	JZ		
2	REVISED	11/16/77	JZ		
3	REVISED	11/16/77	JZ		
4	REVISED	11/16/77	JZ		
5	REVISED	11/16/77	JZ		
6	REVISED	11/16/77	JZ		
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25	REVISED	11/16/77	JZ		

MORRISON CONSTRUCTION CO.  
MADISON, INDIANA

JOB NO. 2448, PL. 984 980 307  
DRAWN BY: JZ  
CHECKED BY: JZ  
APPROVED BY: JZ  
DATE: 11/16/77

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
IN PLACE INSPECTION  
REF. DES. NO. 1-RH-1048  
V. 2, P. 11

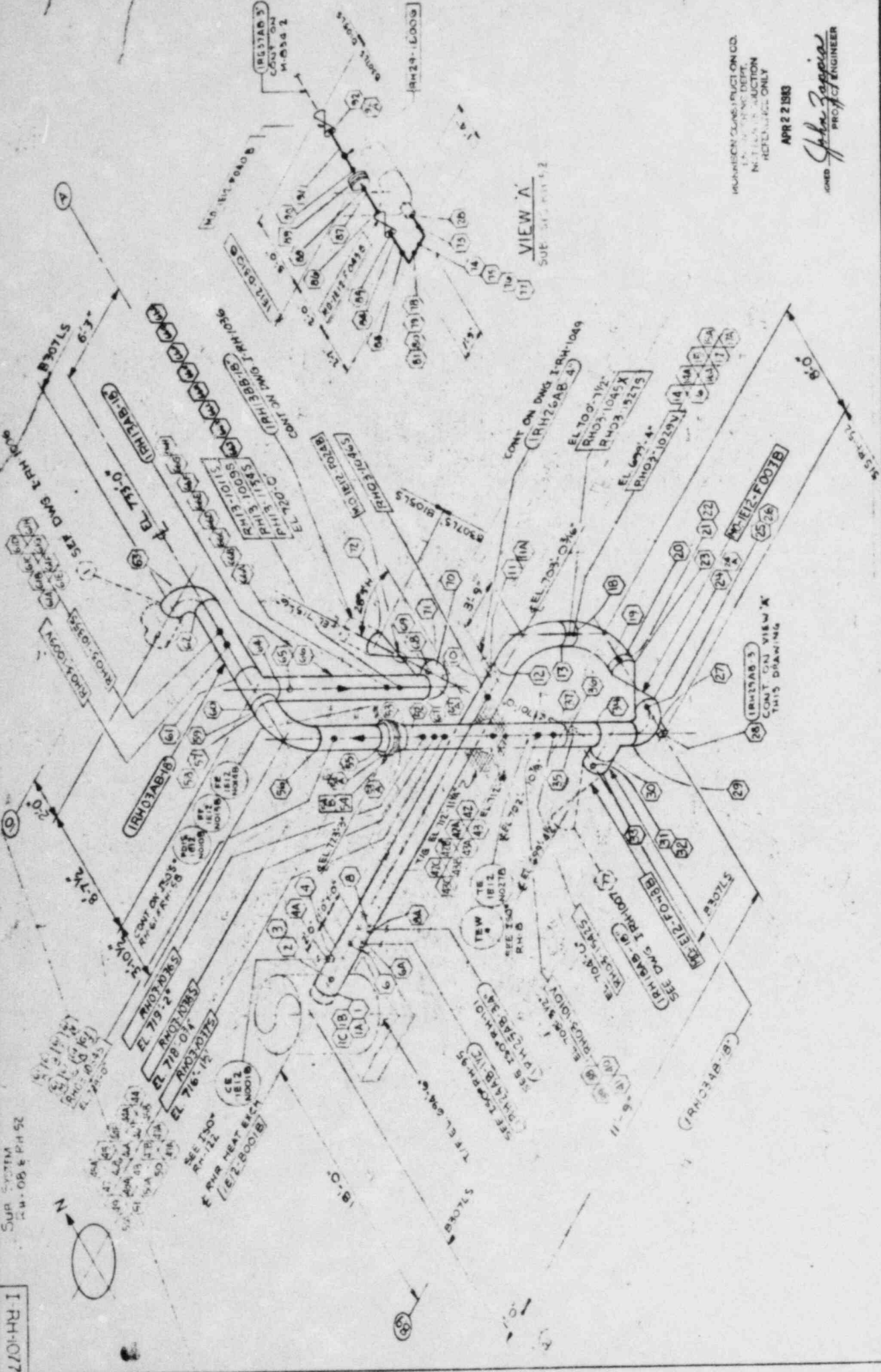
LINE NO 1RH23AA-8 TRAVELER RH-T-82  
LINE NO 1RH23CA-8  
LINE NO 1RH23DA-8

1-RH-1048  
MCCO 151-C-25/H  
MCCO 1507

SHEET-1



25 H-08 & P-15  
I-RH-1077



VIEW A  
SUE 1/2\"/>

INSURANCE COMPANY INSURANCE CO.  
U.S. FIDELITY & SECURITY CO.  
MORTGAGE INVESTMENT  
REFERENCE ONLY

APR 2 1983

*John Zappala*  
PROJECT ENGINEER

REV	DESCRIPTION	DATE
0	PRELIM	11-15-82
1	REVISED	11-15-82
2	REVISED	11-15-82
3	REVISED	11-15-82
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99	REVISED	11-15-82
100	REVISED	11-15-82

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

JOB NO. 2444, P. 884 880 307  
DATE: 4-16-78

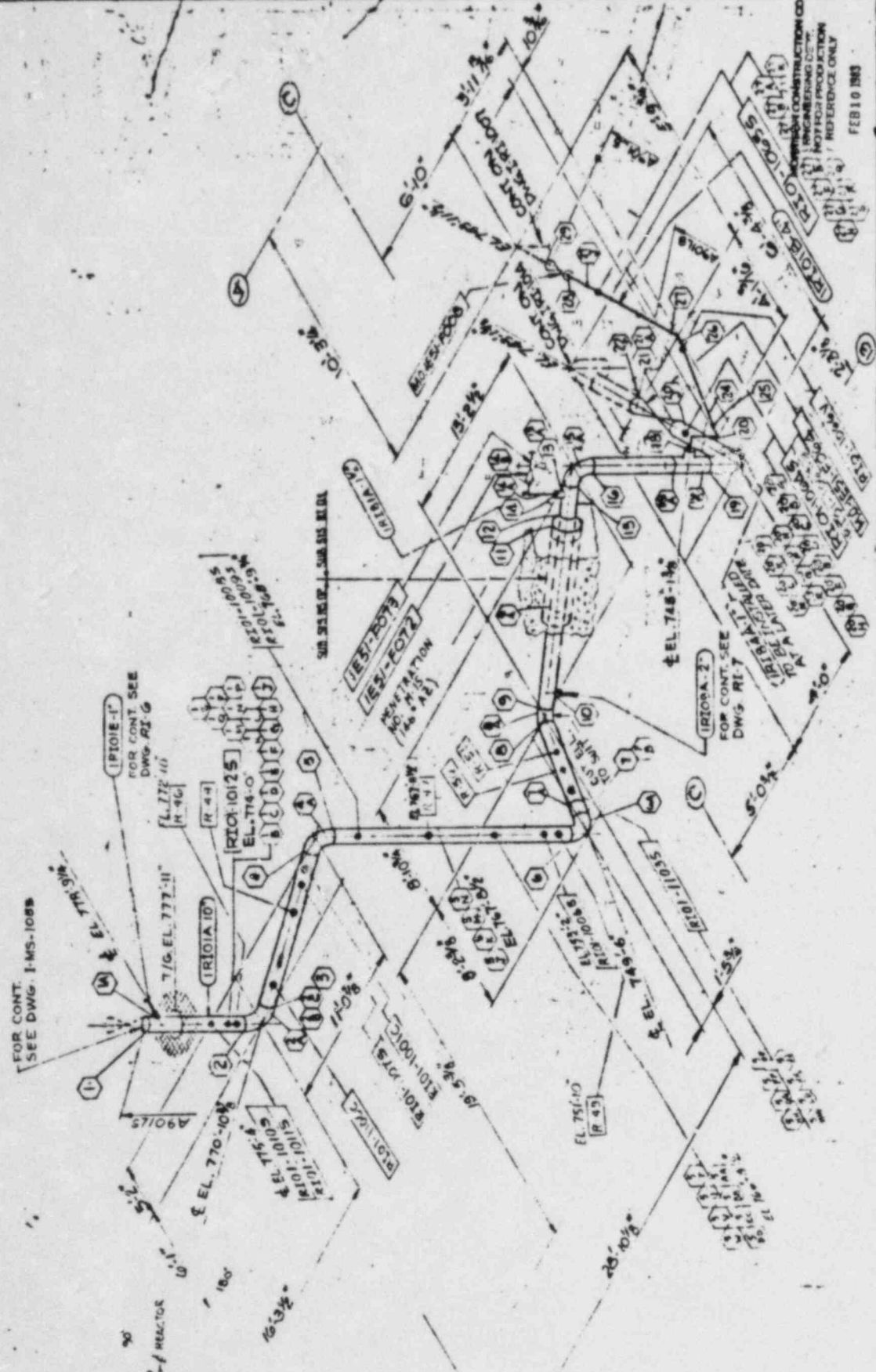
DESIGNED BY: J. ZAPPALA  
CHECKED BY: J. ZAPPALA  
DATE: 4-16-78

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

SEE DWG. NO. I-RH-1077, SHEET 1 OF 2  
MORRISON CO. PROJECT ENGINEER

SHEET 1  
I-RH-1077

R0018117 15515 RT 011413.02

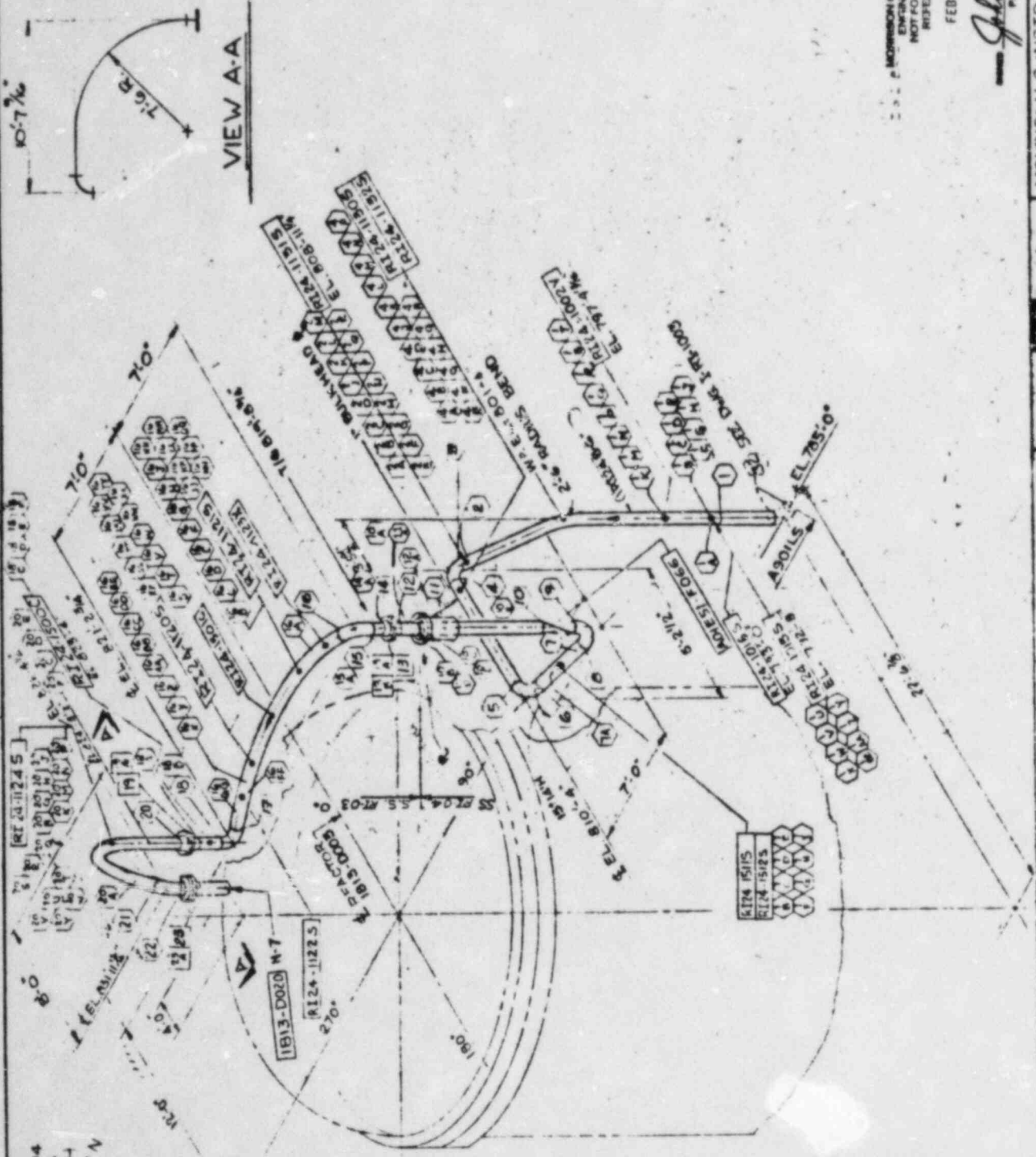


REVISIONS

NO.	DATE	DESCRIPTION
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MORRISON CO. ELECTRICAL ENGINEERING  
 HAWAIIAN ISLANDS  
 1001 KALANANĀʻŪHOU BLVD. SUITE 1110  
 HONOLULU, HAWAII 96813  
 TEL. 808-941-4600  
 FAX 808-941-4601  
 MAILING ADDRESS  
 BOX 900, MAUNALOA, HI 96961  
 TEL. 808-268-7700  
 FAX 808-268-7701  
 PROJECT NO. 101143  
 DRAWING NO. 101143-02  
 DATE 2-20-77  
 UNIT 1  
 REACTOR CORE INSTALLATION PLAN  
 FEB 10 1983  
 REF: DRAWING NO. 101143-01  
 BY: 604-113  
 OF: 604-4-2  
 I-R-1001

2 CURT-I  
 REVISION SYSTEM  
 REVISION NO. 01-04



LINE NO. 101248-G  
 TRAVELER-11-11

MORRISON CONSTRUCTION CO.  
 ENGINEERING  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 FEB 10 1963

*John Zappala*  
 PROJECT ENGINEER

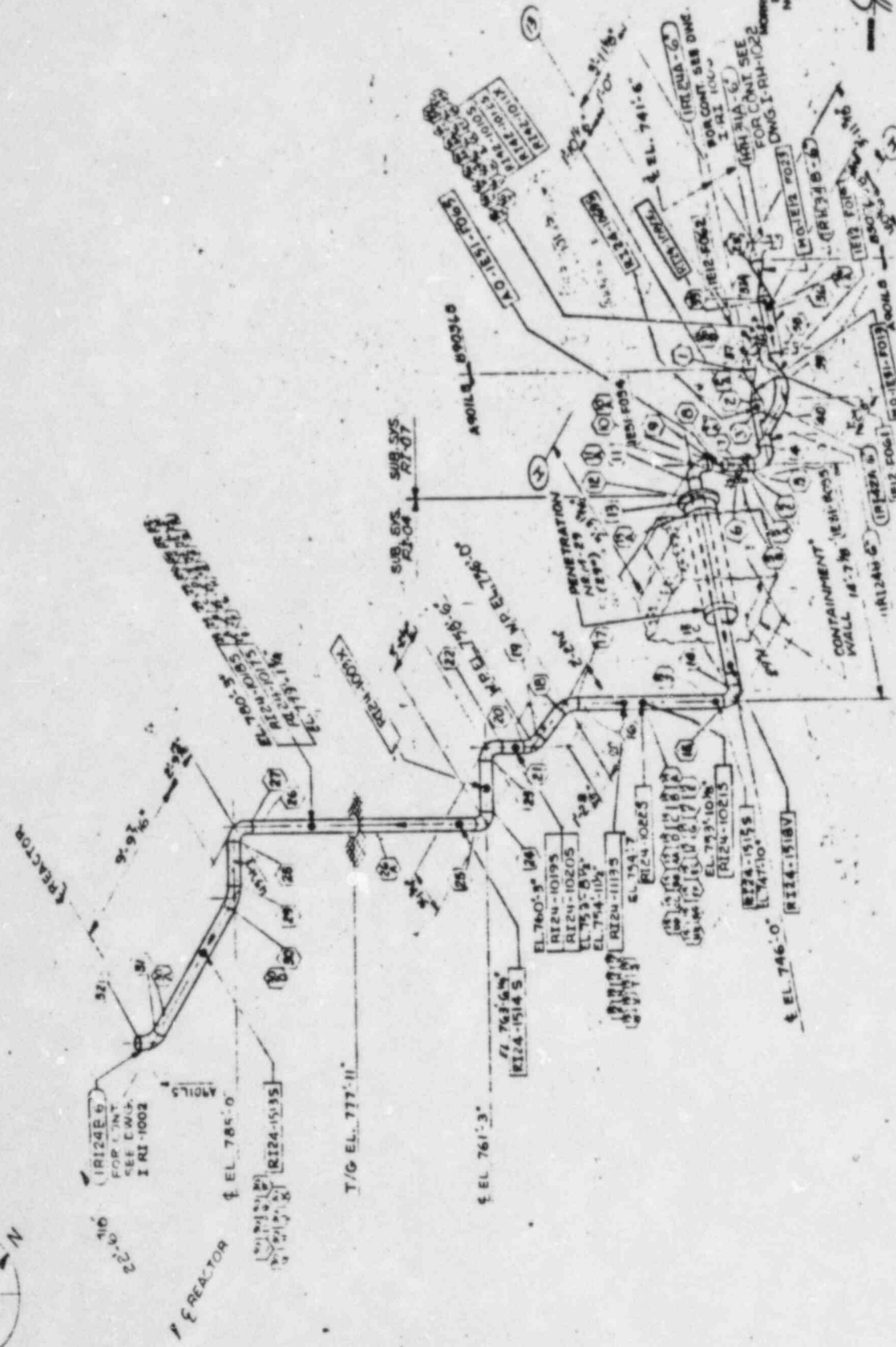
MOHRISCH CIVIL ENGINEERING COMPANY  
 HAMMOND, INDIANA  
 DRAWN BY: ZFB  
 CHECKED BY: ZFB  
 DATE: 2-3-77  
 PROJECT NO.: 101248-G  
 SHEET NO.: 11-11  
 CONTRACTOR: MOHRISCH CIVIL ENGINEERING COMPANY  
 PROJECT: TRAVELER-11-11  
 SCALE: AS SHOWN

NO.	DESCRIPTION	DATE	BY	CHECKED
1	ISSUED FOR CONSTRUCTION	2-3-77	ZFB	ZFB
2	REVISION			
3	REVISION			
4	REVISION			
5	REVISION			
6	REVISION			
7	REVISION			
8	REVISION			
9	REVISION			
10	REVISION			

CURT-I

RI-1002

IRI-107 SUB SYS. I-04 (RI-07)



MURKINSON CONSTRUCTION COMPANY  
HARRISBURG, INDIANA  
PROJECT NO. 1002  
DATE 3-2-53  
LA SALETTE UNIT 1  
REACTOR SYSTEM  
REFERENCE DRAWINGS  
M 105 110-11 104-11 AC BF 844-112 1-11-1002

NO.	DESCRIPTION	DATE	BY	CHECKED
1	PRELIMINARY	1/15/53	J. H. MURKINSON	J. H. MURKINSON
2	FOR CONSTRUCTION	3/2/53	J. H. MURKINSON	J. H. MURKINSON
3	FOR CONSTRUCTION	3/2/53	J. H. MURKINSON	J. H. MURKINSON
4	FOR CONSTRUCTION	3/2/53	J. H. MURKINSON	J. H. MURKINSON
5	FOR CONSTRUCTION	3/2/53	J. H. MURKINSON	J. H. MURKINSON
6	FOR CONSTRUCTION	3/2/53	J. H. MURKINSON	J. H. MURKINSON
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9	FOR CONSTRUCTION	3/2/53	J. H. MURKINSON	J. H. MURKINSON
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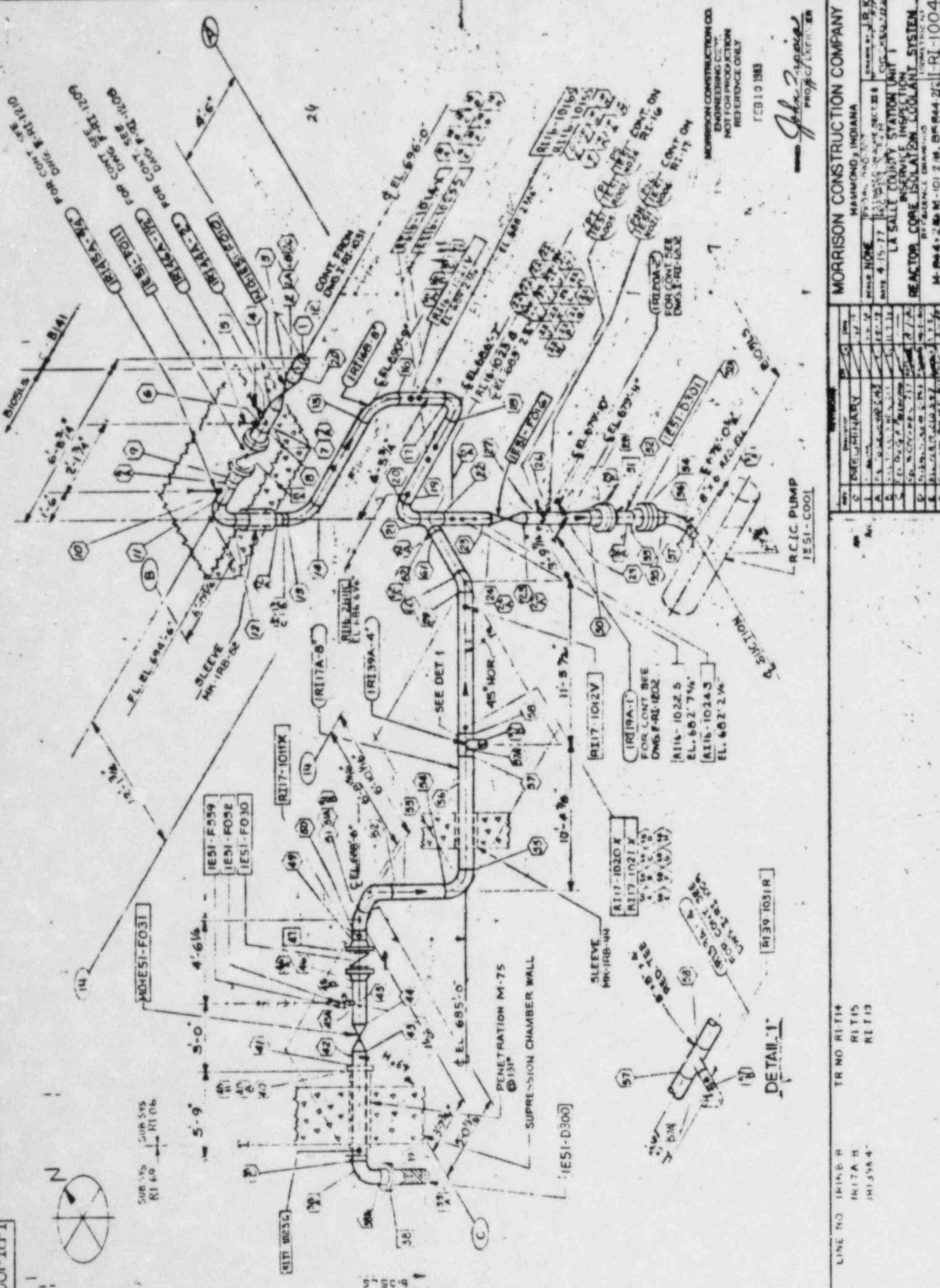
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IRI-107 SUB SYS. I-04 (RI-07)  
IRI-107 SUB SYS. I-04 (RI-07)

I-RI-1004

SUB SYS RI 69 RI 06



SUB SYS RI 69 RI 06



**MORRISON CONSTRUCTION COMPANY**  
 HAMMOND, INDIANA

PROJECT NO. 44-15-77  
 DATE 4-15-77

DESIGNER: J. B. K.  
 CHECKED: J. B. K.  
 APPROVED: J. B. K.

**LA SALLE COUNTY STATION UNIT 1**  
**REACTOR CORE ISOLATION COOLANT SYSTEM**

BY: J. B. K.  
 DATE: 4-15-77  
 PROJECT: 44-15-77

NO.	DESCRIPTION	DATE	BY
1	DESIGN	4-15-77	J. B. K.
2	CHECK	4-15-77	J. B. K.
3	APPROVE	4-15-77	J. B. K.
4	REVISION	4-15-77	J. B. K.
5	REVISION	4-15-77	J. B. K.
6	REVISION	4-15-77	J. B. K.
7	REVISION	4-15-77	J. B. K.
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10	REVISION	4-15-77	J. B. K.

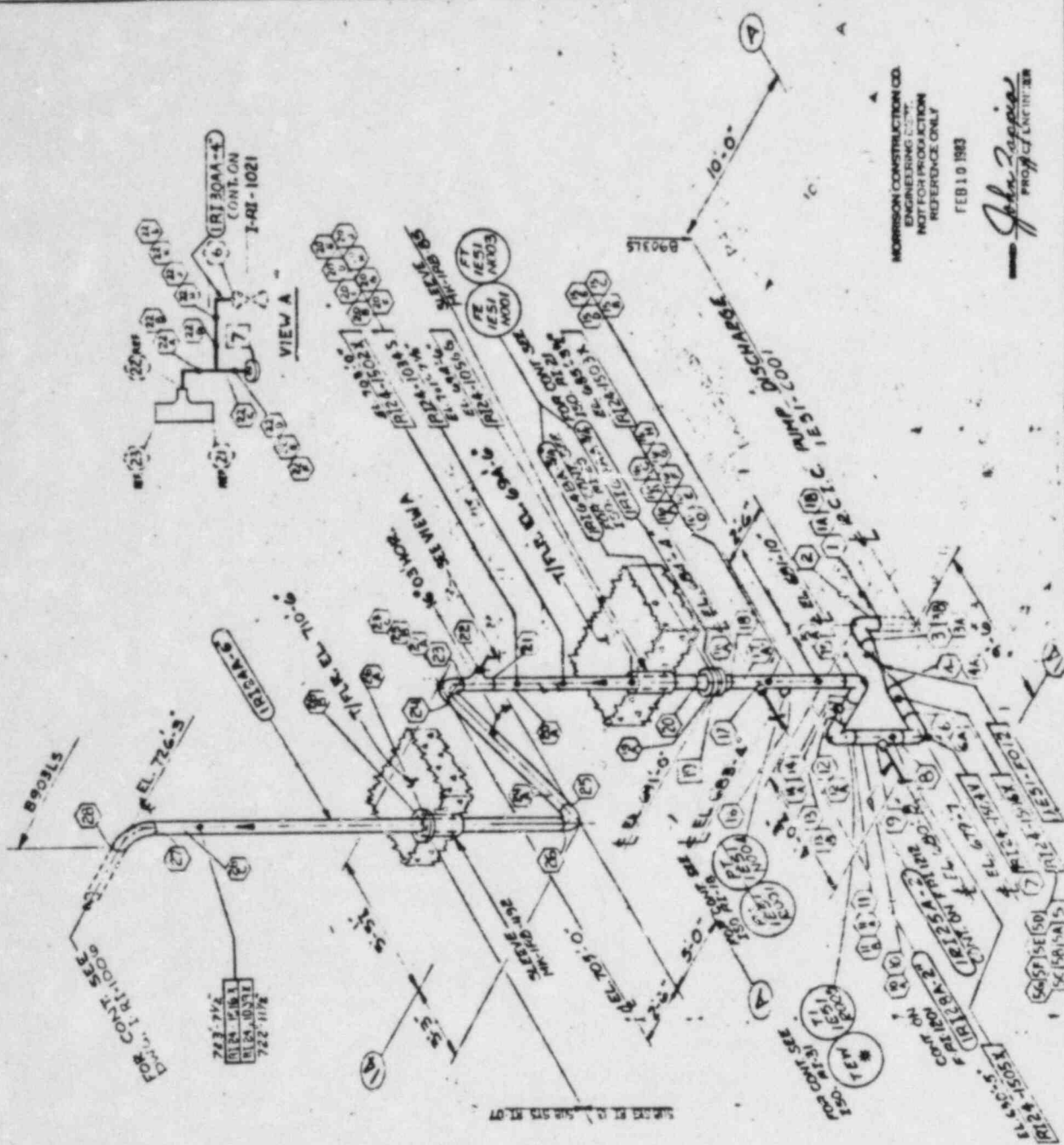
LINE NO. 1418-B  
 TR NO. RI14  
 RI15  
 RI13

1418A-B  
 1418A-4

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

FEB 10 1983

*John J. K...  
 PROJECT ENGINEER*



MORRISON CONSTRUCTION CO.  
ENGINEERING DIV.  
NOT FOR PRODUCTION  
REFERENCE ONLY  
FEB 10 1963

*John Zappia*  
PROJECT ENGINEER

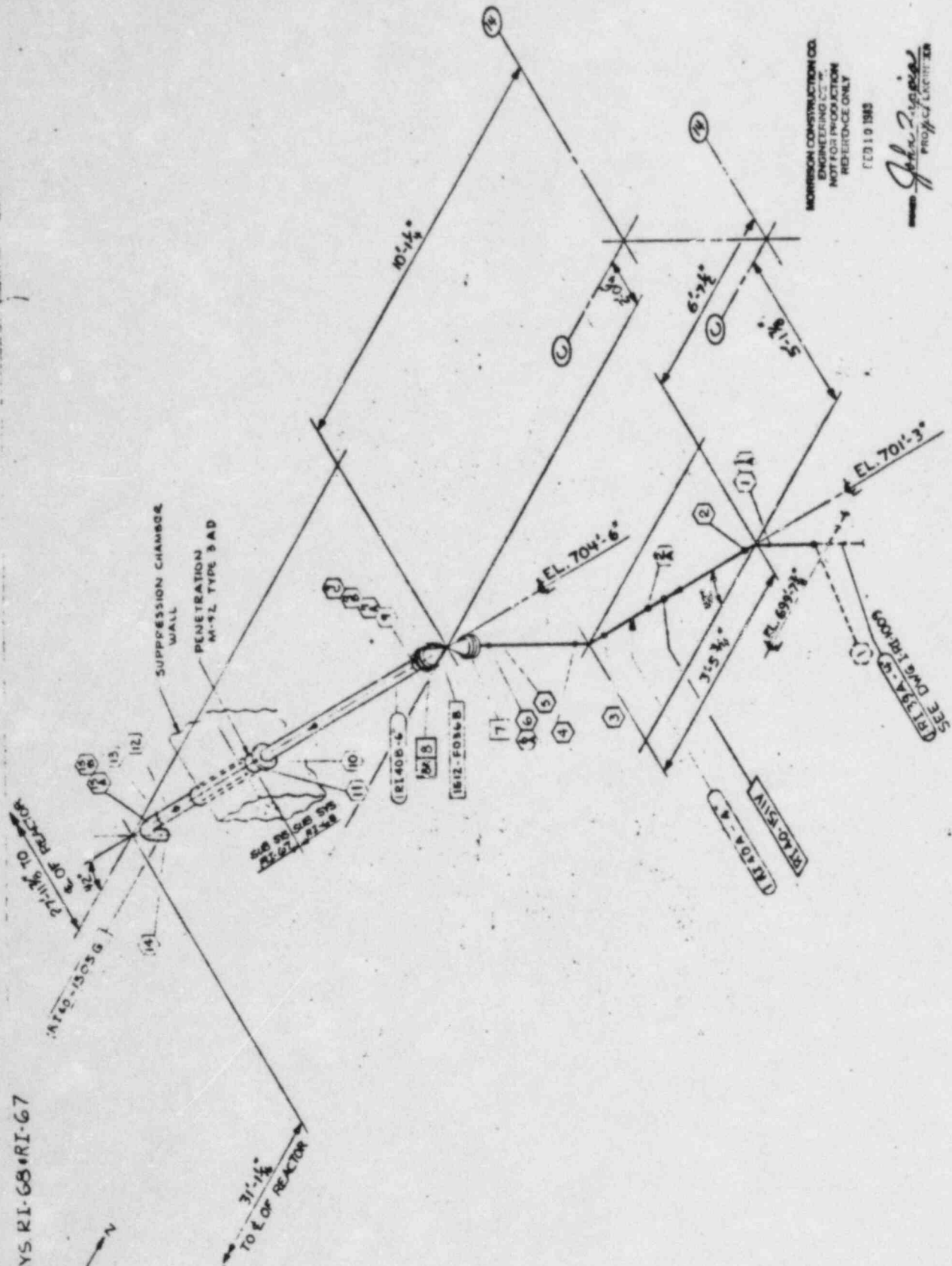
MORRISON CONSTRUCTION COMPANY  
HAMMOND, INDIANA  
NAME: NONE  
DATE: 4-17-77  
LA SALLE COUNTY STATION UNIT  
INSURANCE INSPECTION  
REACTOR CORE INSULATION LAYDOWN  
REF: Draw No. 2466  
PROJECT: RI 13-RE BT  
SHEET: RI 13-RE BT

NO.	DATE	REVISIONS
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TYPE NO: RI 13-RE BT  
REVISED: RI 13-RE BT  
DATE: 4-17-77  
PROJECT: LA SALLE COUNTY STATION UNIT  
SHEET: RI 13-RE BT



RI-67-RI-1 SUB SYS RI-68-RI-67



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

*John J. ...*  
 PROJECT ARCHITECT

MORRISON CONSTRUCTION CO.  
 MARKHAM, INDIANA

NO.	DESCRIPTION	DATE
A	REVISED FOR 10-18-77	10-18-77
B	REVISED FOR 11-17-77	11-17-77
C	REVISED FOR 11-3-77	11-3-77
D	REVISED FOR 11-11-77	11-11-77
E	REVISED FOR 11-11-77	11-11-77
F	REVISED FOR 11-11-77	11-11-77

DESIGNED BY: J. J. ...  
 DRAWN BY: ...  
 CHECKED BY: ...  
 APPROVED BY: ...

COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2  
 INSERVICE IN 1977  
 REACTOR COOLANT LOOP SYSTEM

REF DWG No. RI-68-RI-67  
 RI-68-RI-67  
 RI-68-RI-67

IRH40A-4' T-26  
 IRH40B-6' T-228

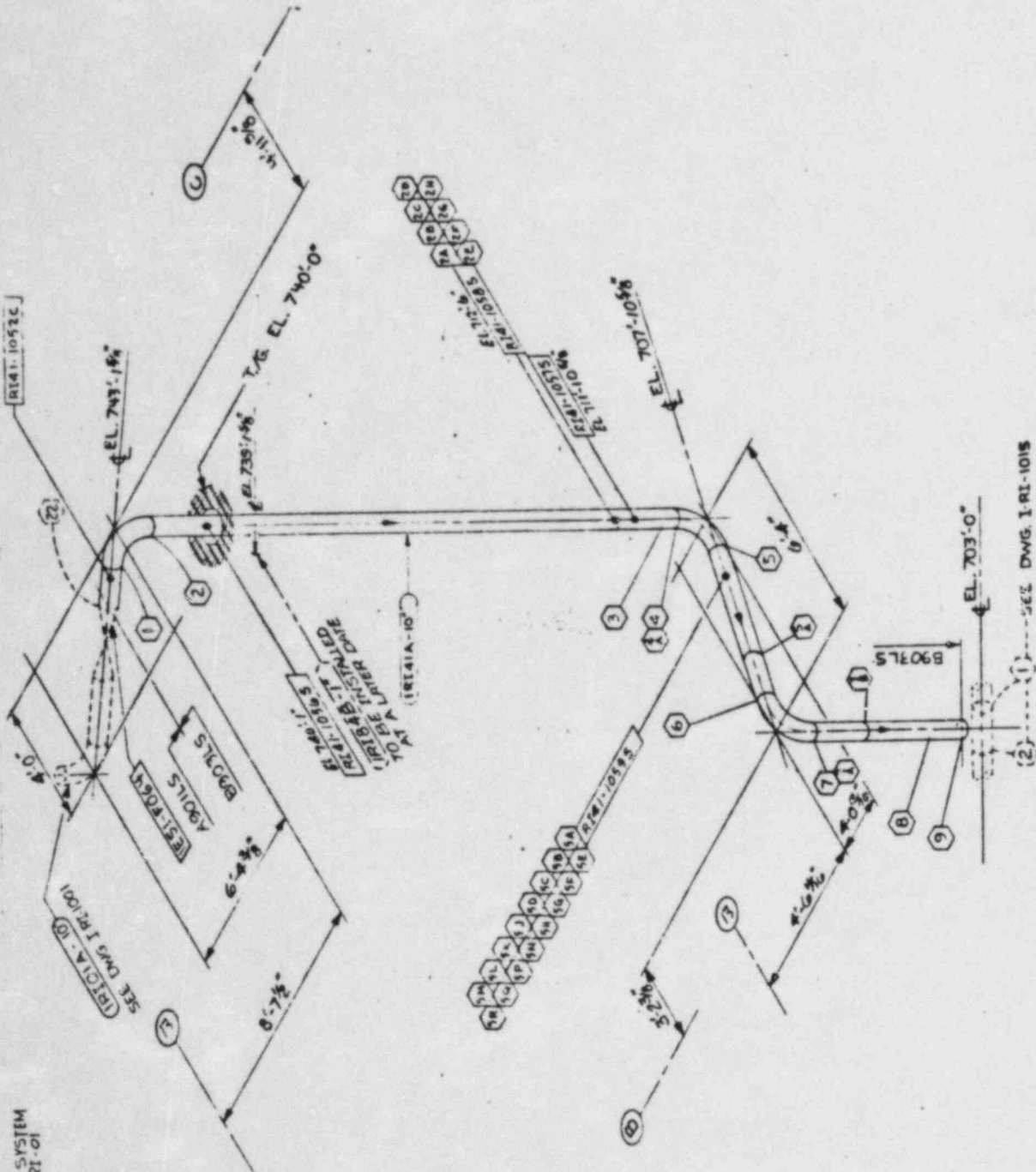
SHEET 4



I-RI-1014

SUP. SYSTEM

RI 141-10535



MORRISON CONSTRUCTION CO.  
ENGINEERING  
NOT FOR PRODUCTION  
REFERENCE ONLY  
7-23-59

LINE NO. B1614-10  
TRAVELLER RI-15

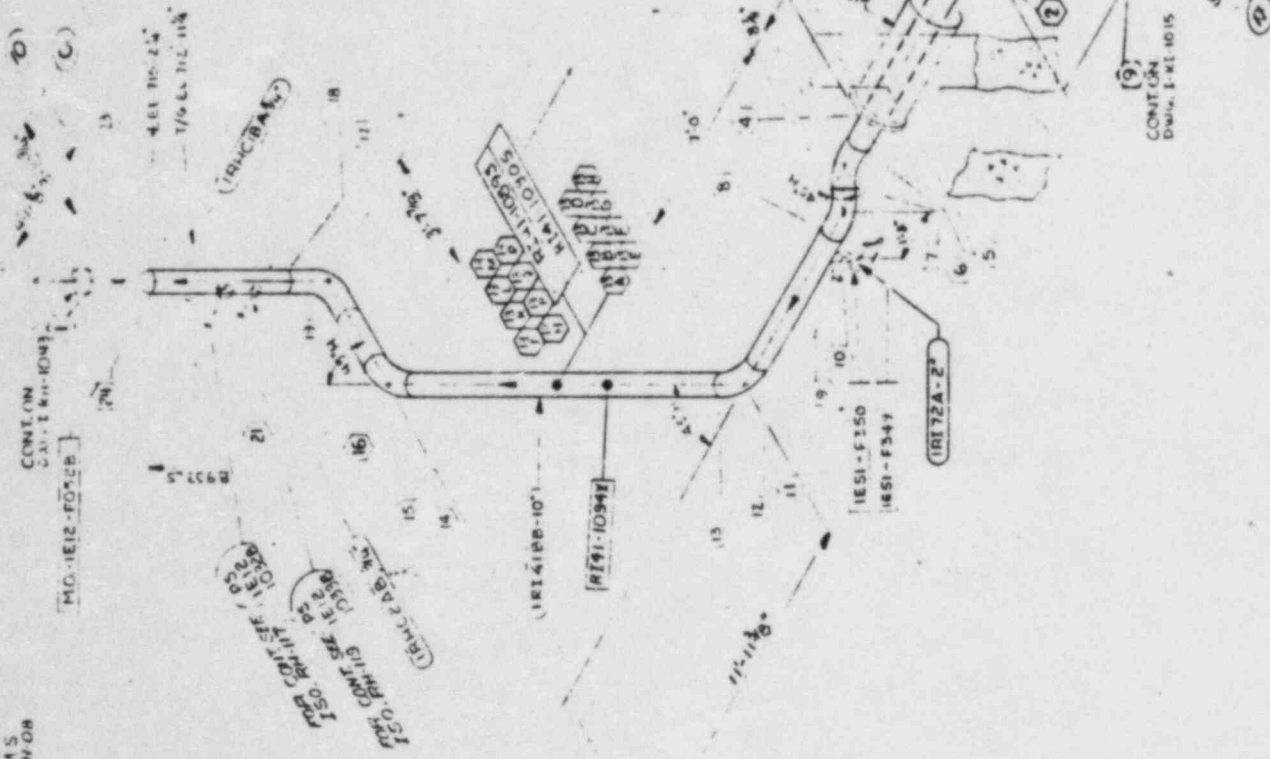
SEE DWG. I-RI-1015

NO.	DESCRIPTION	DATE
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16	REVISED	3-15-60
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18	REVISED	5-15-60
19	REVISED	6-15-60
20	REVISED	7-15-60

MORRISON CONSTRUCTION CO.  
BALAMOND, INDIANA  
PROJECT NO. 10535  
DATE 12-18-58  
DRAWN: C. D. H.  
CHECKED: J. J. H.  
APPROVED: J. J. H.  
DATE 7-23-59  
PROJECT: COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 182  
IN-SERVICE INSPECTION  
REACTOR CORE ISOLATION COOLANT SYSTEM  
PROJECT NO. I-RI-1014  
MCCO 1809  
RI 141-10535



UB ITEMS  
PI-101-08



MORRISON CONSTRUCTION CO.  
ENGINEERING  
NOT FOR PRODUCTION  
REFERENCE ONLY  
7-21-10 1983

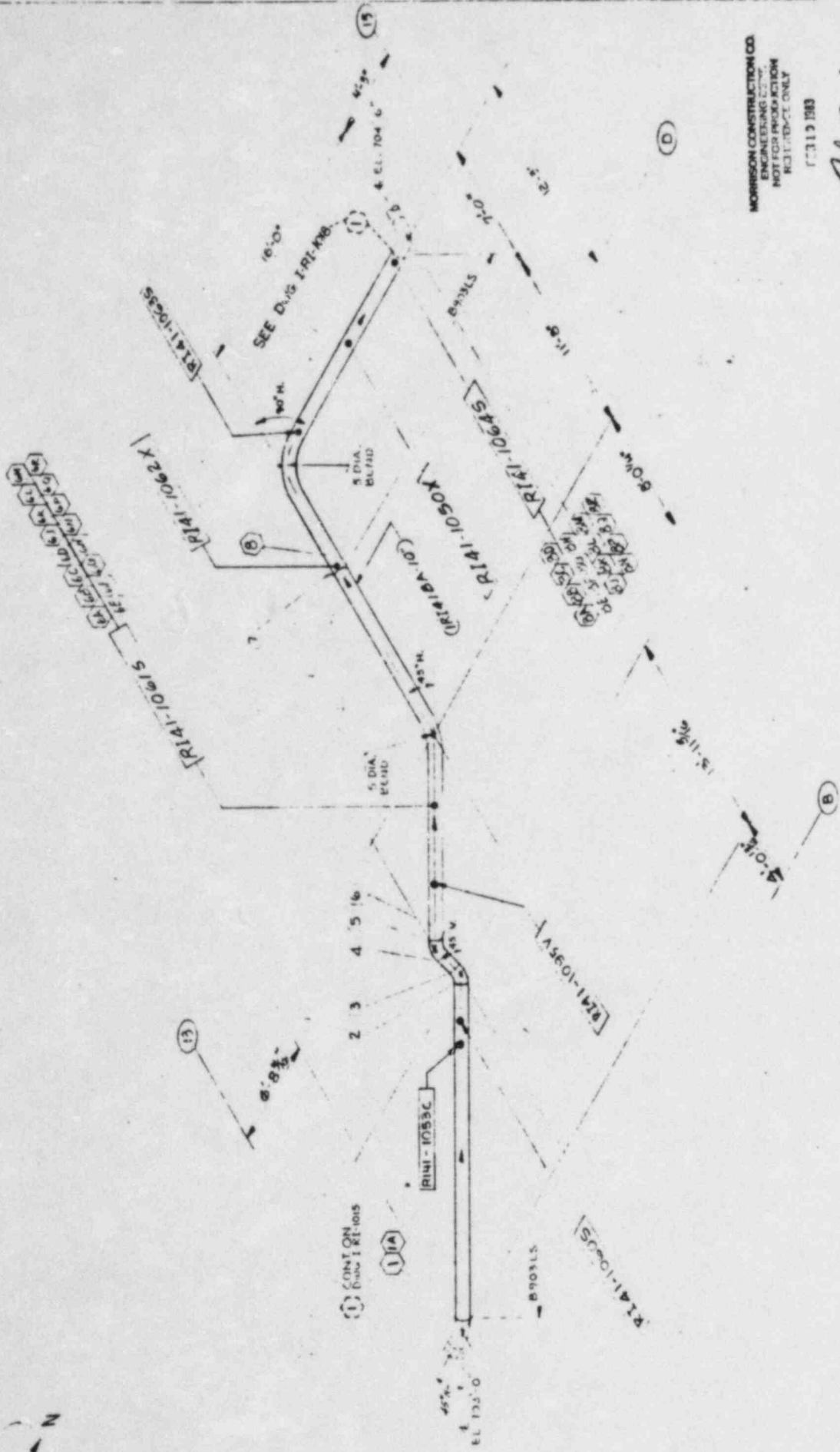
DRIGNED *John Zappala*  
PROJECT ENGINEER

REVISIONS		DATE		BY		CHECKED		DATE	
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LINE NO. IRI418B-10  
TAG/ELER RI 125

MORRISON CONSTRUCTION CO.  
HARRISBURG, INDIANA  
JOB NO. 1448  
DATE 10/28/83  
CHECKED BY JZ  
DATE 7/21/83  
APPROVED BY JZ  
DATE 7/21/83  
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1&2  
RISH RIVER IMPELLOR  
REACTOR CORE ISOLATION COLLANT SYSTEM  
REF. DWG. NO. IRI-1015  
MCCO-151-01-2.00/14  
I-RI-1016

PROJECT: REACTOR



MORRISON CONSTRUCTION CO.  
ENGINEERING DIVISION  
NOT FOR CONSTRUCTION  
REVISIONS ONLY

11/13/83

*John Morrison*  
P.E.

RI-11-A-10 T-24

REVISIONS		DATE	
NO.	DESCRIPTION	BY	DATE
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MORRISON CONSTRUCTION CO.  
HARRISBURG, INDIANA

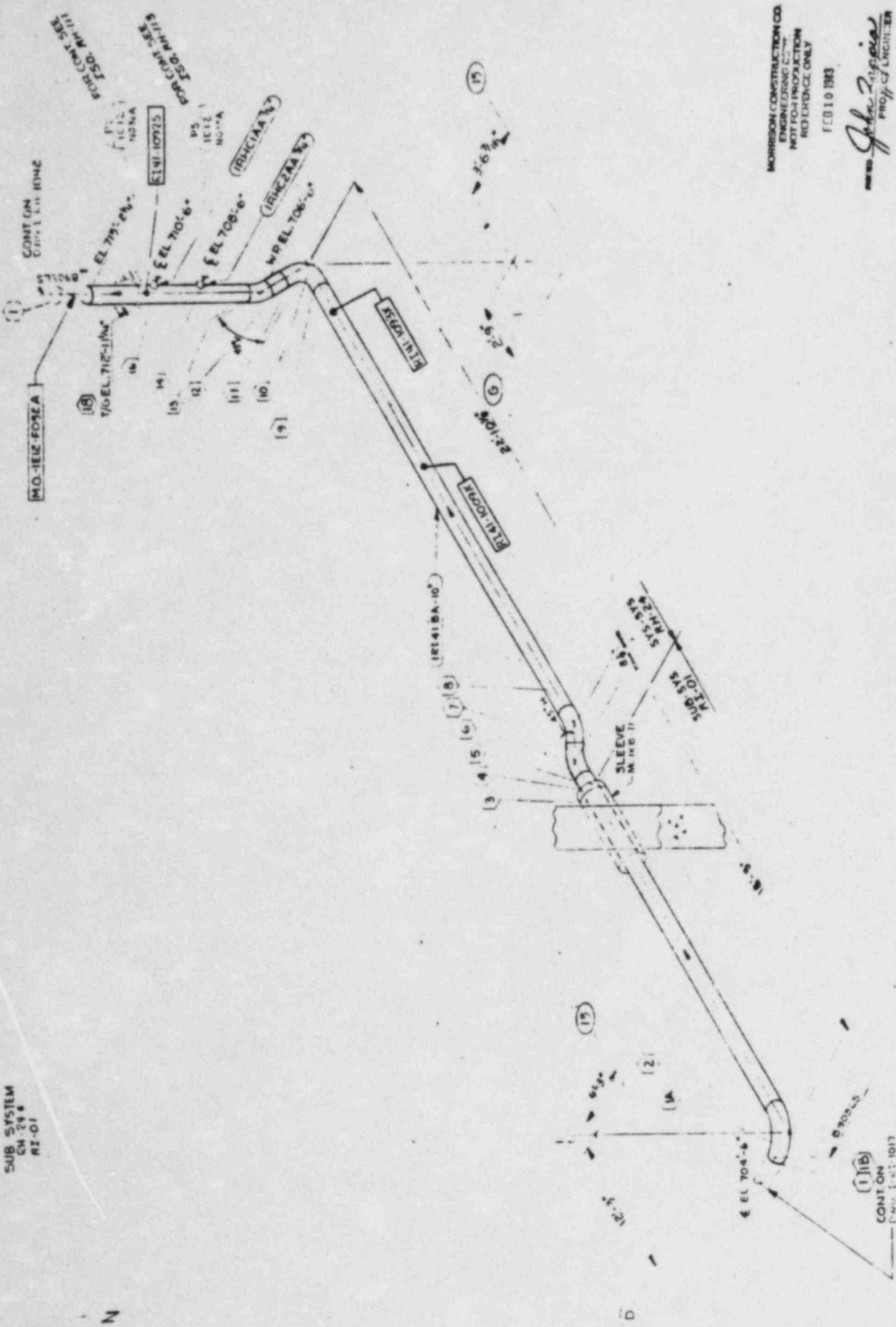
JOB NO. 2444 PROJECT NO. 207  
 DRAWN BY: J.M. MORRISON  
 CHECKED BY: J.M. MORRISON  
 DATE: 11/13/83

COMMONWEALTH OF INDIANA  
 ENGINEER  
 JOHN MORRISON  
 LICENSE NO. 11111

PROJECT: REACTOR CORE ISOLATION COOLANT SYSTEM  
 SHEET NO. 11-RI-1017

101-191

SUB SYSTEM  
CN 294  
RZ-01



MORRISON CONSTRUCTION CO.  
ENGINEERING DEPARTMENT  
NOT FOR PRODUCTION  
REFERENCE ONLY

FEB 10 1963

*John Z. ...*  
PROJECT ENGINEER

REV	DESCRIPTION	BY	CHK	DATE
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A	REV. TO ...			
B	REV. TO ...			
C	REV. TO ...			
D	REV. TO ...			
E	REV. TO ...			

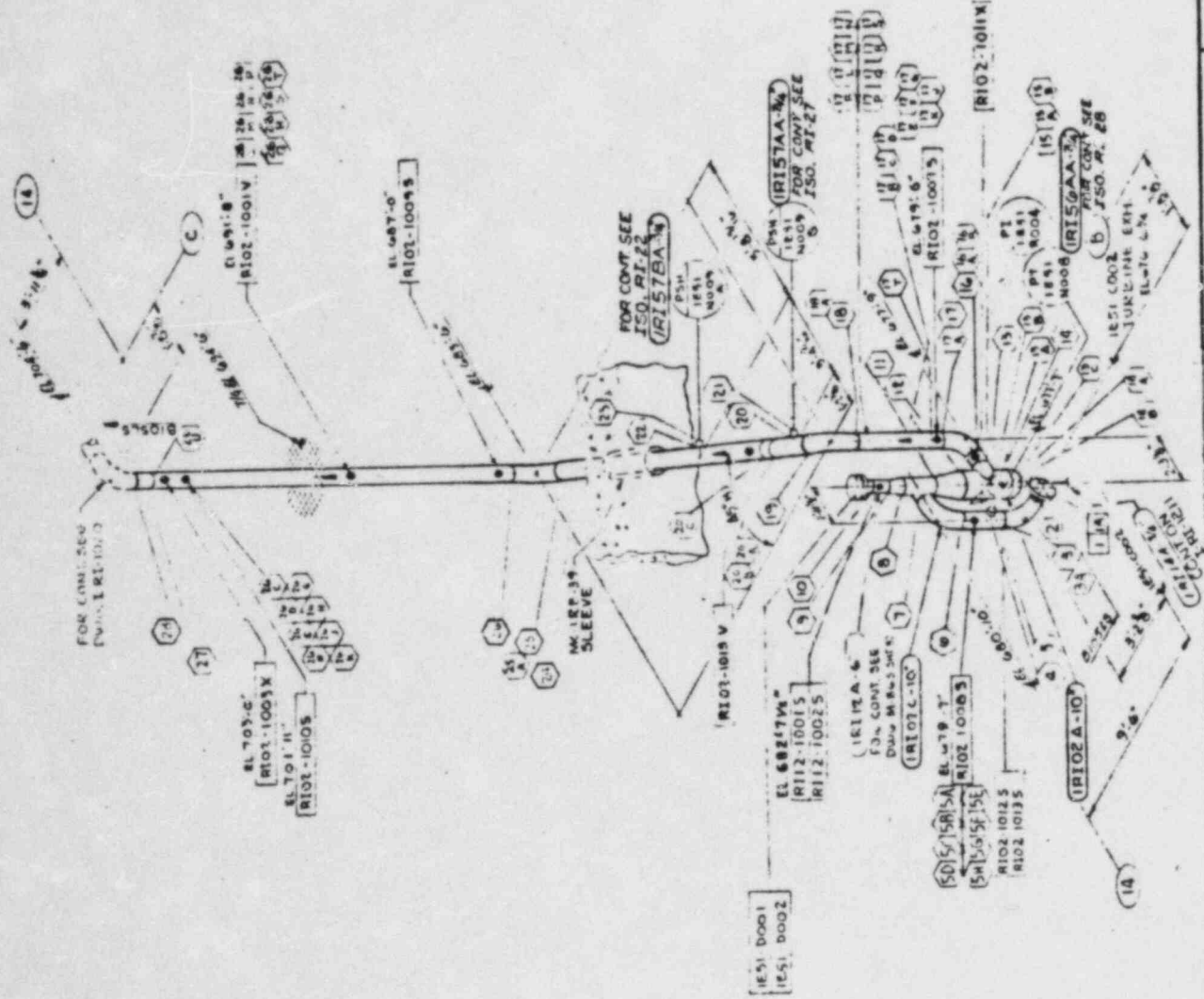
PROJECT NO. 2888	DATE 10-24-61	DESIGNER C.C.M.	DATE 10-24-61
DESIGNER C.C.M.	DATE 10-24-61	CHECKED B.J.F.	DATE 10-24-61
PROJECT NAME	COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1&2	PROJECT NO.	101-191-10
PROJECT NAME	INSERVICE IN 1957	PROJECT NO.	101-191-10
PROJECT NAME	REACTOR CORE ISO-A1FN COOLANT SYSTEM	PROJECT NO.	101-191-10
PROJECT NAME	REACTOR CORE ISO-A1FN COOLANT SYSTEM	PROJECT NO.	101-191-10

MORRISON CONSTRUCTION CO.  
MARIETTA, INDIANA

LINE NO. 101-191-10  
TRAVELLER-AL-124

1-1-101

4 Fd 14-1



LINE NO

IRI02A-10  
IRI 157A C  
IRI 157A G

TR NO

IRI-115

REVISIONS

REV	Description	Date
1	ISSUED FOR CONSTRUCTION	3-20-42
2	FOR REVISION OF P. 157-1000	4-1-42
3	FOR REVISION OF P. 157-1001	4-1-42
4	FOR REVISION OF P. 157-1002	4-1-42
5	FOR REVISION OF P. 157-1003	4-1-42
6	FOR REVISION OF P. 157-1004	4-1-42
7	FOR REVISION OF P. 157-1005	4-1-42
8	FOR REVISION OF P. 157-1006	4-1-42
9	FOR REVISION OF P. 157-1007	4-1-42
10	FOR REVISION OF P. 157-1008	4-1-42
11	FOR REVISION OF P. 157-1009	4-1-42
12	FOR REVISION OF P. 157-1010	4-1-42

MORRISON CONSTRUCTION CO.  
ENGINEERING SECTION  
NOT FOR PRODUCTION  
REFERENCE ONLY  
FEB 10 1942

John Zappia  
Principal Engineer

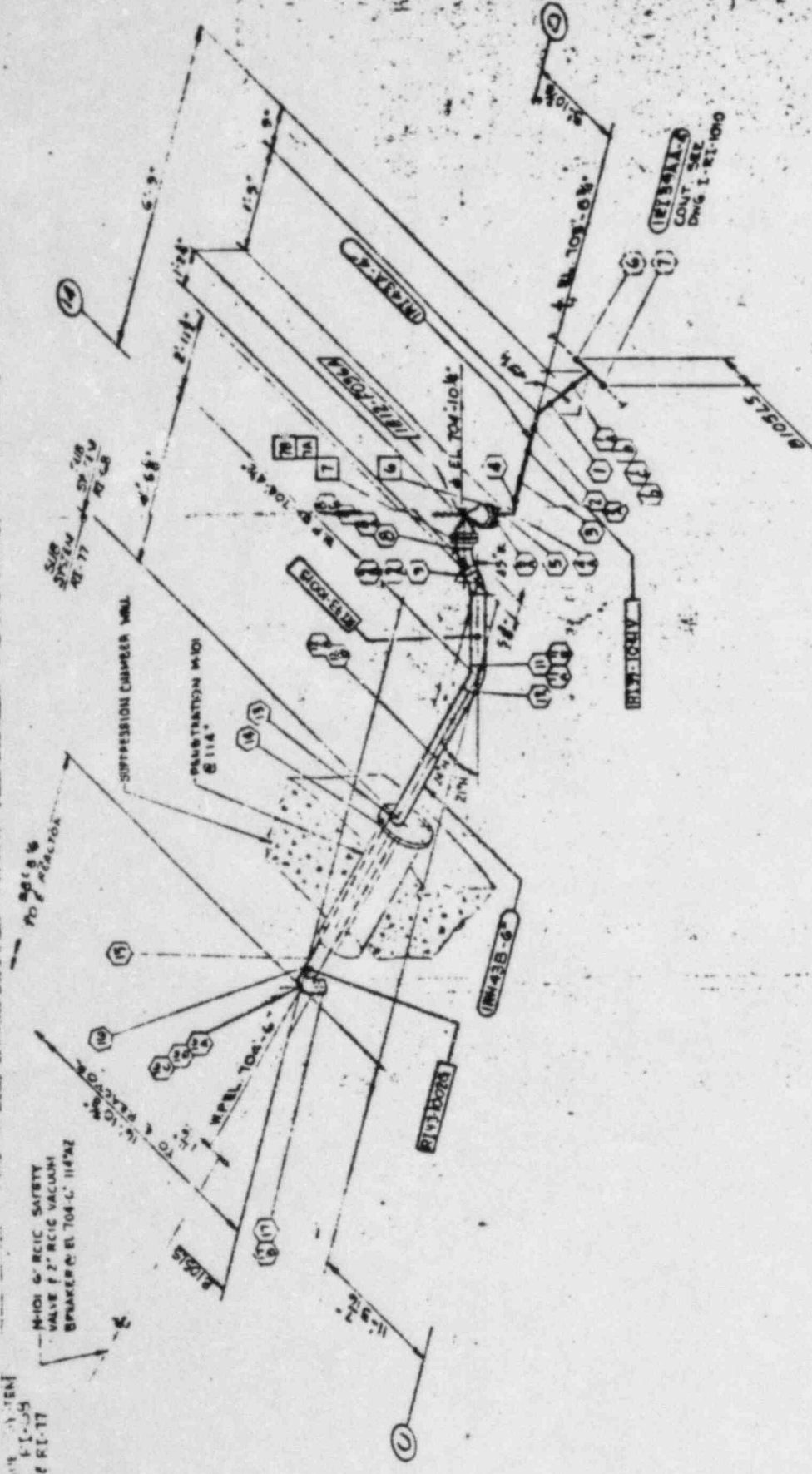
MORRISON CONSTRUCTION CO. HAMMOND, INDIANA		Job No. 3444	Draw No. 20
EST. NO. 1012	Scale 1/4" = 1'-0"	Date 3-20-42	Date 3-20-42
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1 & 2		REACTOR CORE (SEE P. 157-1000)	
REF. DES. BY J. ZAPPIA		W.C. MOORE	
E.L. DILLON		I-11-1019	



REVISED  
 1-1-58  
 1-RI-1022



HIGH PRESSURE SAFETY  
 VALVE 2" RCIC VACUUM  
 BREAKER @ EL. 704'-0" 114742



1-RI-1022  
 COUL. SER.  
 DWG. 1-RI-1022

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

REV. 8/1/57

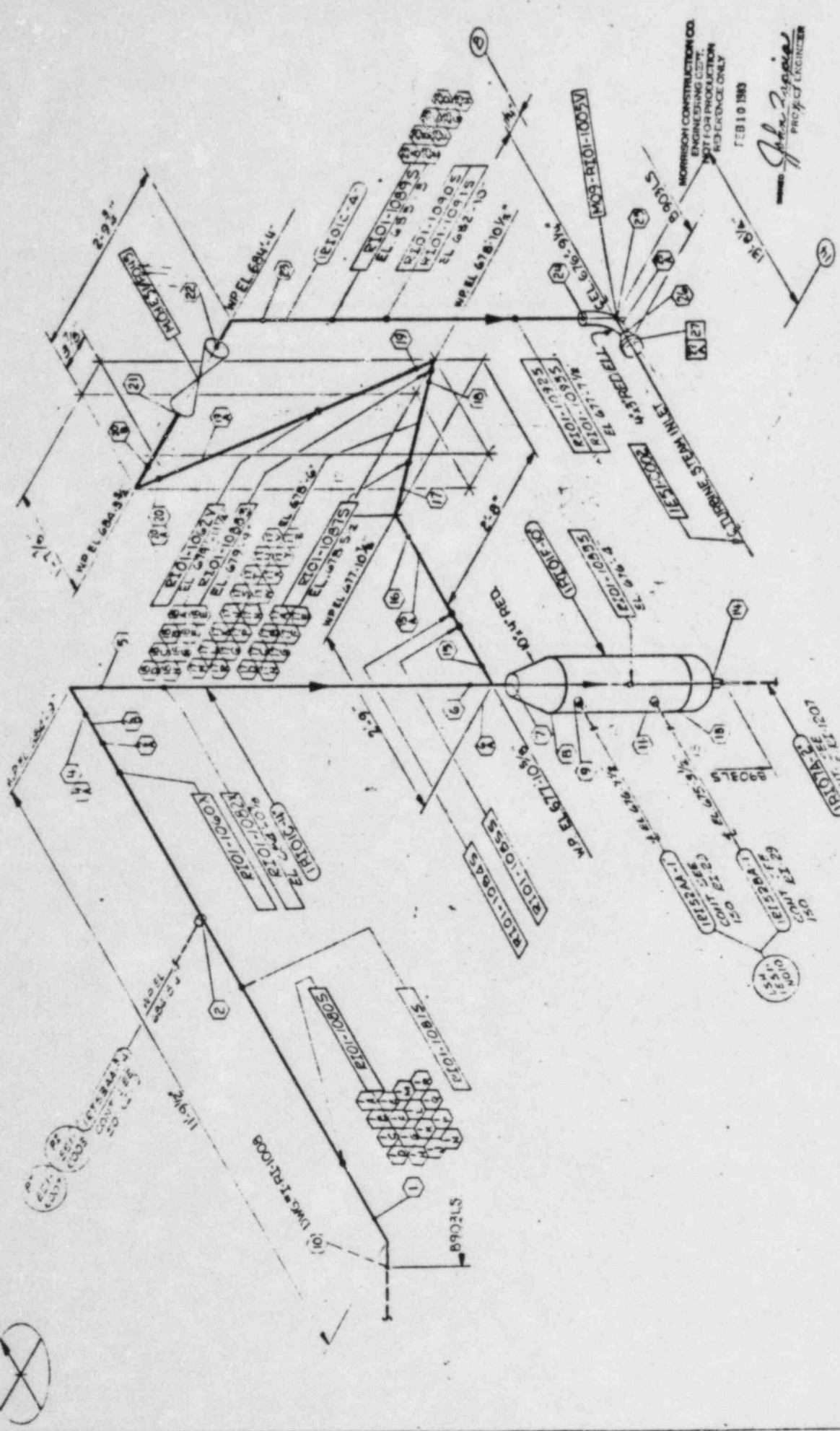
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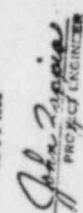
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LINE NO 101438-G, 101438-A  
 TRAVELER-RI-T 210, 2M

1-RI-1022





MORRISON CONSTRUCTION CO.  
 ENGINEERING DEPT.  
 DESIGN PRODUCTION  
 REFERENCE ONLY  
 FEB 10 1983  
  
 PROJECT ENGINEER

**MORRISON CONSTRUCTION CO.**  
HAMMOND, INDIANA

DATE	BY	DESCRIPTION
01/27/82	JG	PRELIMINARY
02/11/82	JG	REVISION
02/11/82	JG	REVISION
02/11/82	JG	REVISION

131 BASED ON PLANS FOR  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1&2  
 INSERVICE INSPECTION  
 REFRACTOR CORE ISOLATION COOLANT  
 REF No. H101-1029

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	1/27/82	JG	PRELIMINARY
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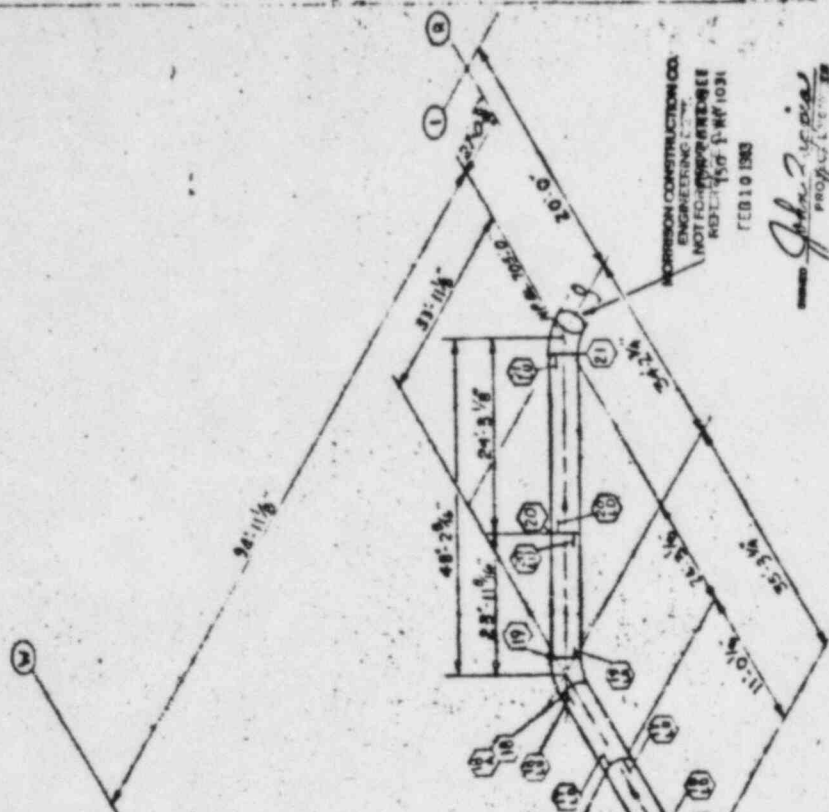
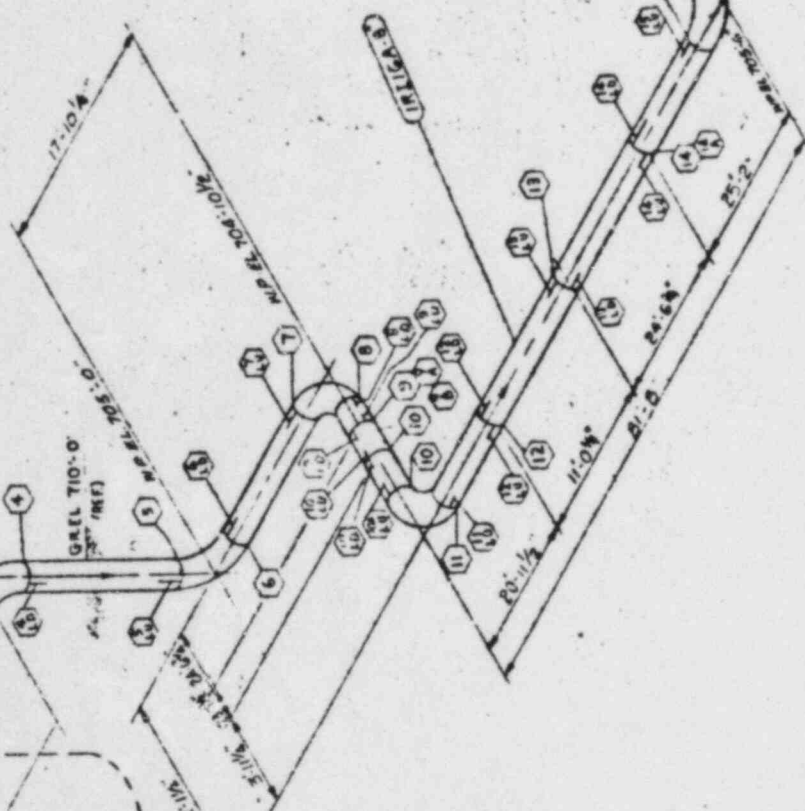
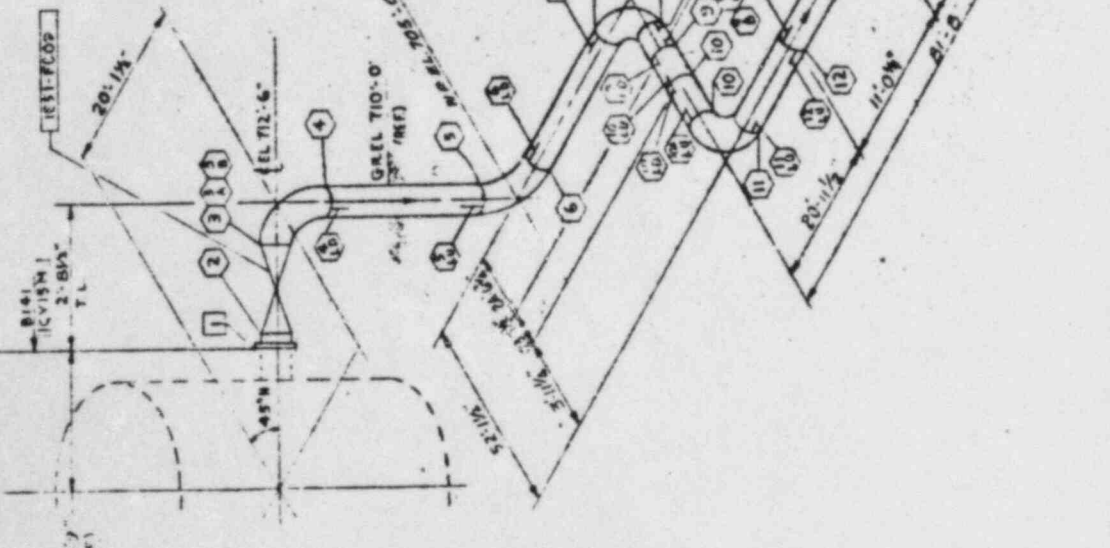
SUP SYSTEM  
 FT of  
 TRAVELER PI 1-12  
 I-RI-1029



0E01-1R11 SUR SYS. N/A



1 CYCLOTT  
CYCLED COND TANK



MORRISON CONSTRUCTION CO.  
ENGINEERING  
NOT FOR CONSTRUCTION  
REF: 1501 P-MW 1031  
FEB 10 1963

*John Z. ...*  
Professional Engineer

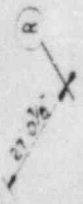
MORRISON CONSTRUCTION CO. INDIANAPOLIS, INDIANA	
PROJECT NO. 2444	DATE: 11/27/62
PROJECT: REACTOR CORE ISOLATION COOLANT	SCALE: AS SHOWN
DESIGNED BY: J. Z. ...	CHECKED BY: J. Z. ...
COMMONWEALTH OF INDIANA STATE DEPARTMENT OF PUBLIC SAFETY DIVISION OF ENGINEERING REGISTERED PROFESSIONAL ENGINEER NO. 12468	
DATE: FEB 10 1963	PROJECT: REACTOR CORE ISOLATION COOLANT
PROJECT NO. 2444	DATE: 11/27/62
PROJECT: REACTOR CORE ISOLATION COOLANT	SCALE: AS SHOWN
DESIGNED BY: J. Z. ...	CHECKED BY: J. Z. ...
COMMONWEALTH OF INDIANA STATE DEPARTMENT OF PUBLIC SAFETY DIVISION OF ENGINEERING REGISTERED PROFESSIONAL ENGINEER NO. 12468	

LINE NO. 1R11A-6  
TRAVELLER NO. FAB 1R1-1 ERECT 1R1-2

1-R1-1030

1801-131

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FOR CONT SEE 150 E RI 1033  
ECL 705-0

FOR CONT SEE 150 E RI 1033

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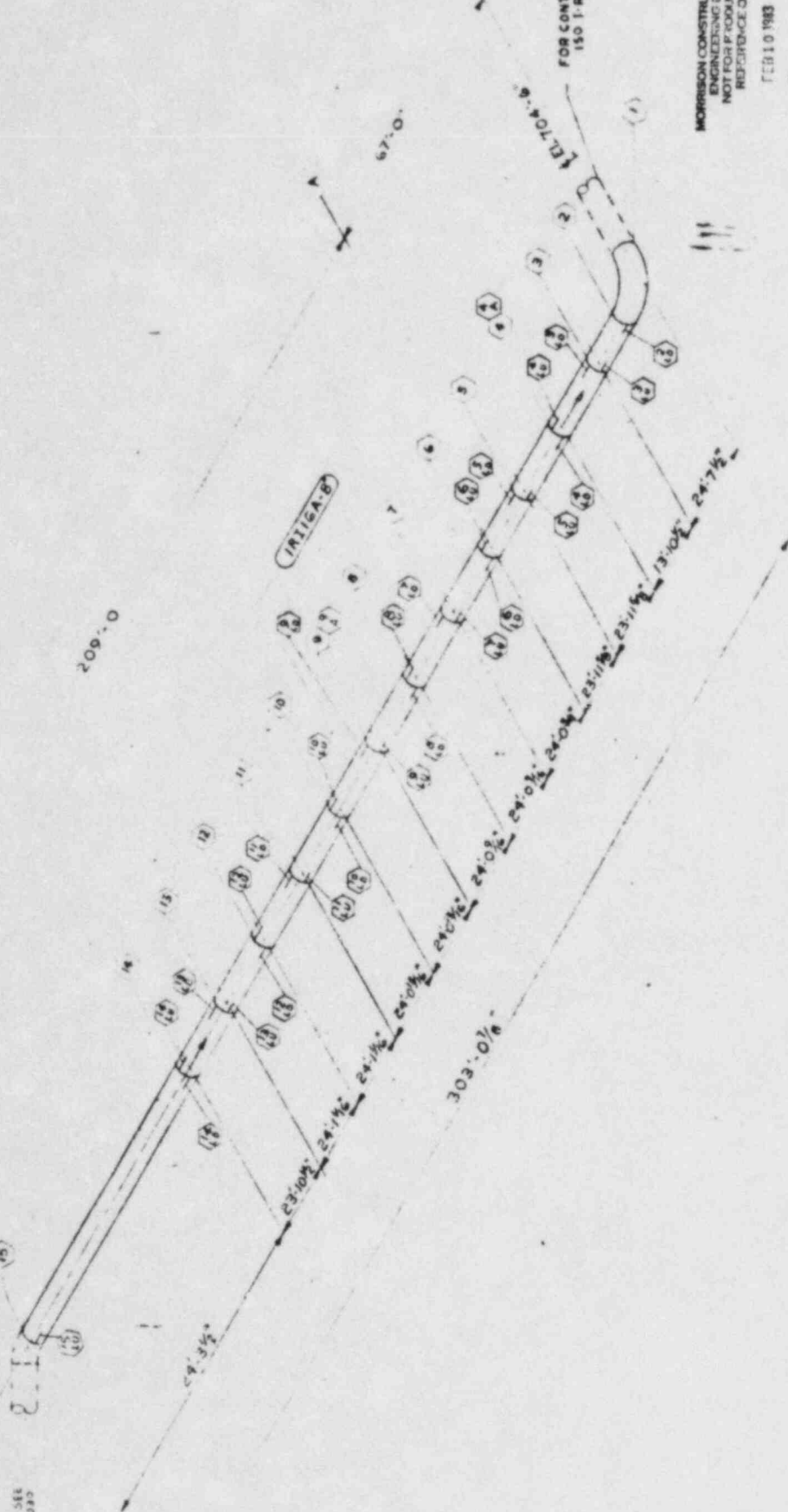
IRIIGA-B

FOR CONT SEE 150 I-RI-1032

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

FEB 10 1983

*John C. ...*  
PROJECT ARCHITECT



LINE NO. IRIIGA-B  
TRAVELLER NO. FAB RI-1 ERECT RI-2

REVISIONS		
REV	DATE	DESCRIPTION
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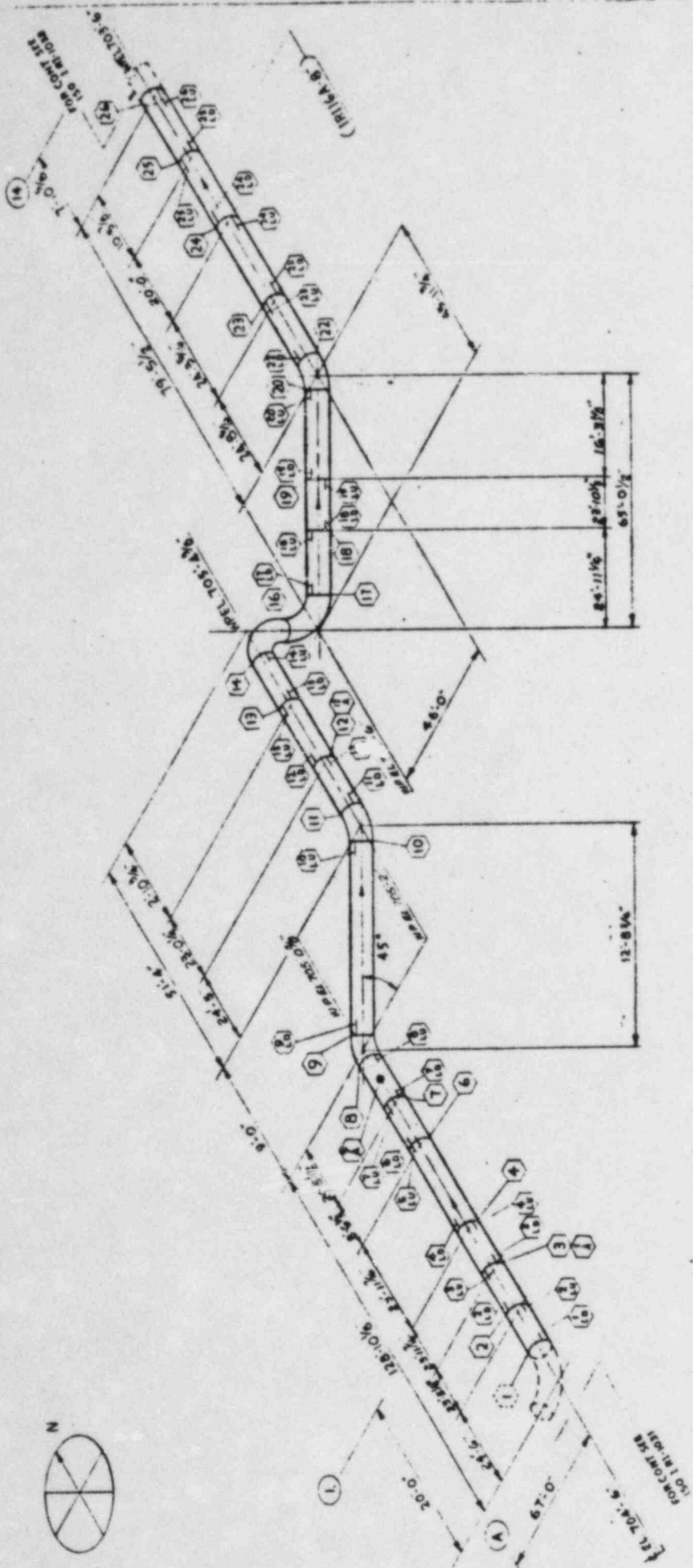
**MORRISON CONSTRUCTION CO.**  
HAMMOND, INDIANA

710 NO. 24TH ST. W. HAMMOND, IN.  
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PROJECT NO. 150 E RI 1033

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

REF. DRAWING: 150 E RI 1032  
PROJECT NO. IRI-1031

1-RI-1032



MORRISON CONSTRUCTION CO.  
ENGINEERING  
NOT FOR PRODUCTION  
REFERENCE ONLY

FEB 10 1983

*John Zupica*  
PROJECT ENGINEER

REVISIONS	
NO.	DATE
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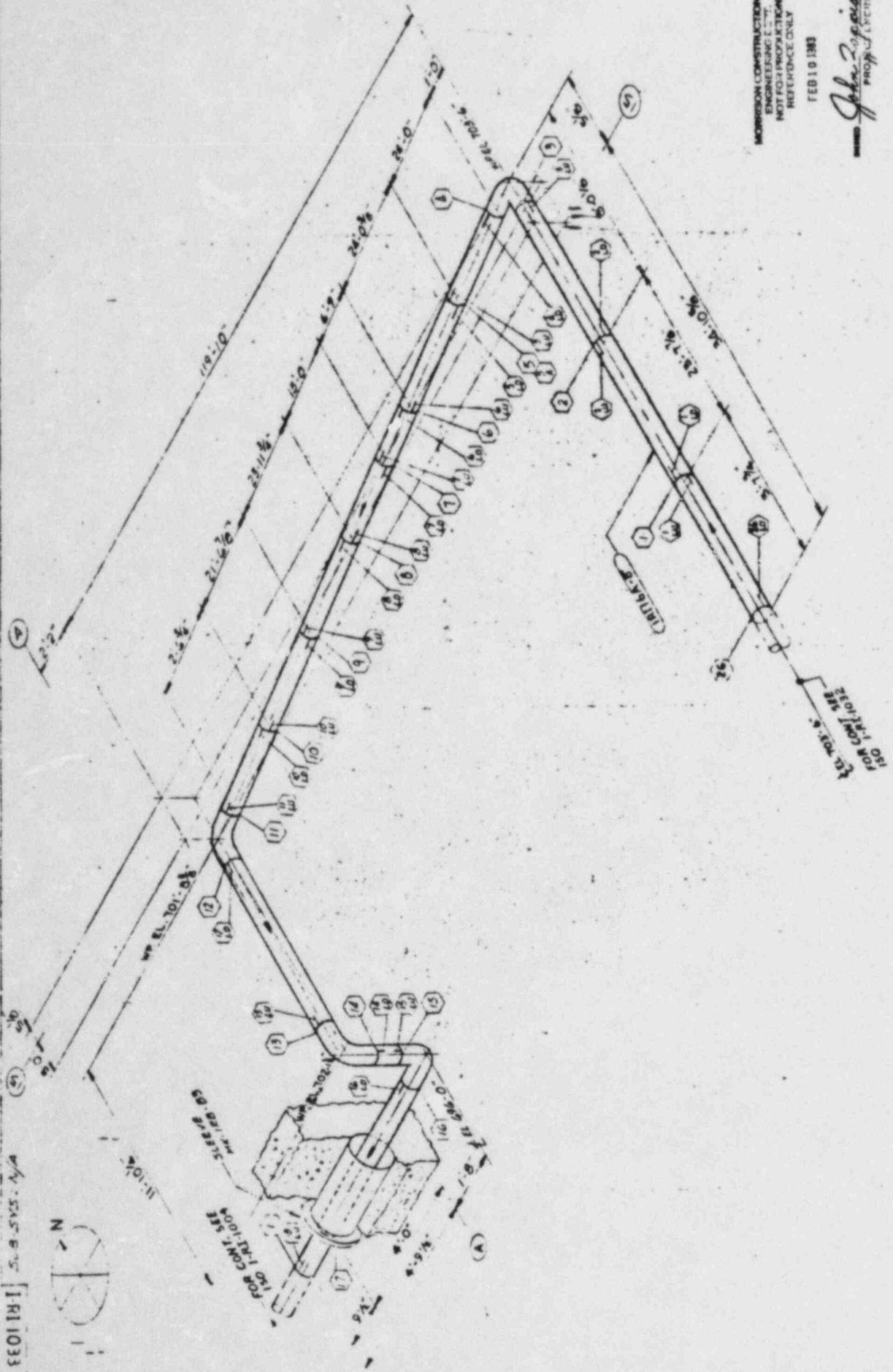
MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA

JOB NO. 3444 8484 880307  
DATE 1-2-82  
LIST BASE: 7N ASME SECT II  
MCCO 18.1-20-1/P  
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNITS 1&2

INSERVICE INSPECTION  
TRAVELLER NO. RT-1 ERCT RT-2  
M T/A/A

PROJECT NO. 1-RI-1032

11-10-62



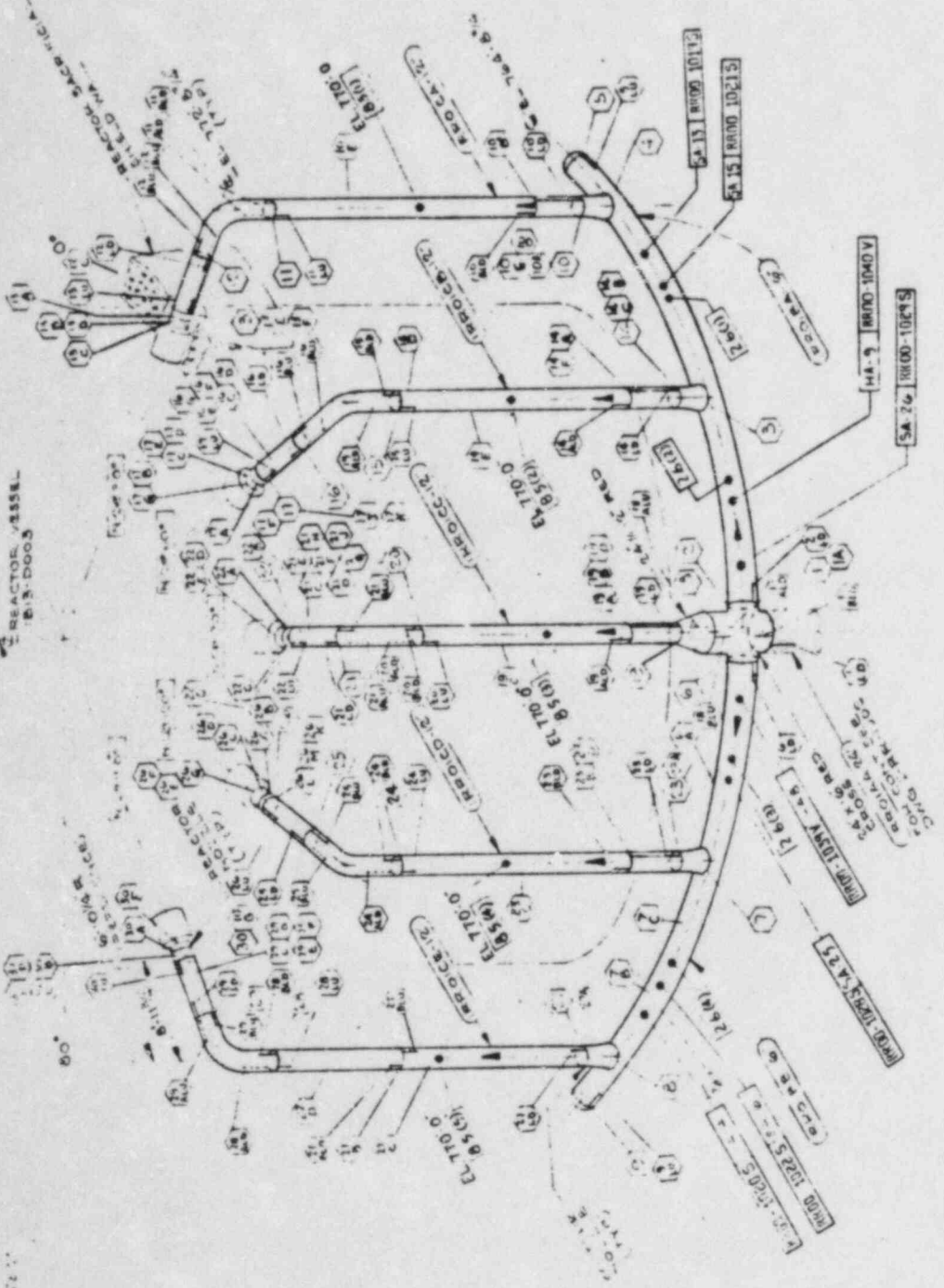
MORRISON CONSTRUCTION CO.  
ENGINEERING & ARCHITECTURE  
NOT FOR PRODUCTION  
REFERENCE ONLY

FEB 10 1963

*John Z. ...*  
PROJECT ARCHITECT

MORRISON CONSTRUCTION CO. HAMMOND, INDIANA		Drawn: A. S. ...
Job No. 3444	Rev. 100 207	Checked: ...
Est. Name: M. A. ...	Project No. 21	Approved: ...
MCCO 213	Scale: 1/8" = 1'-0"	Sheet No. 1 of 1
COMMONWEALTH EDISON CO. LA SALLE COUNTY NUCLEAR UNIT 18.		INSERVICE INSPECTION COOLANT
Site No. 1132/E	Rev. 1/4/64	MCCO 1017
PROJECT NO. 1132/E		1-R-1033

LINE NO. 1R1GA-8  
TRAVELLER NO. PAS RE-TJ ERECT R772



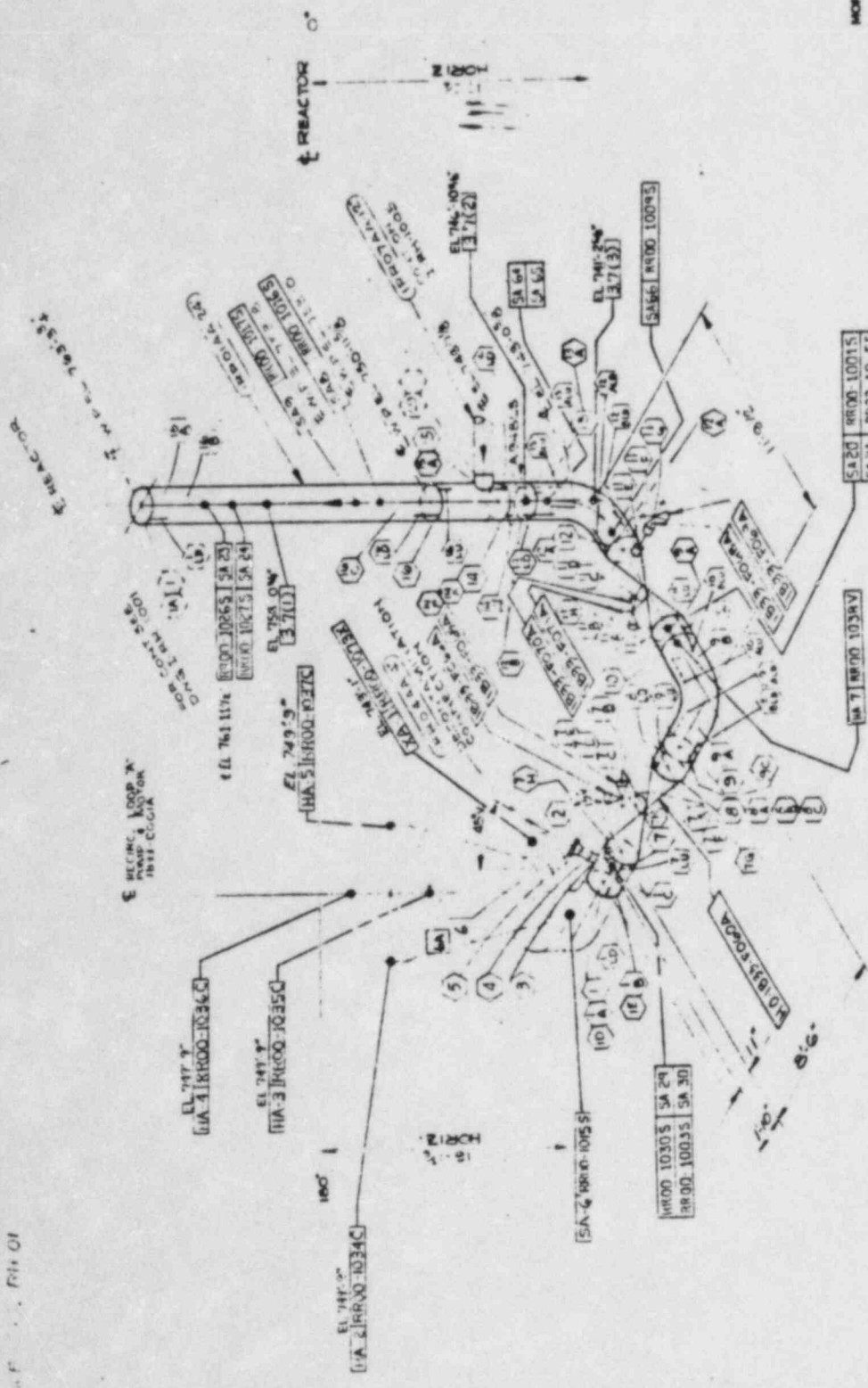
MORRISON CONSTRUCTION CO.  
 ENGINEERING CO.  
 NOT FOR PRODUCTION  
 REVISION ONLY  
 FEB 10 1988

*John J. Morrison*  
 PROJECT ENGINEER

REVISIONS		DATE	
REV.	DESCRIPTION	BY	DATE
1	AS SHOWN	JJM	2/10/88
2	REVISIONS	JJM	2/10/88
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JOB NO. 2444 PLS SEE 400 SET  
 DRAWN BY JJM  
 CHECKED BY JJM  
 APPROVED BY JJM  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1  
 IN-FRACE INSPECTION  
 REACTOR RECIRCULATION LOOP "A"  
 REF. DES. NO. 1000-1049  
 MORRISON ENGINEERING CO. 1000-1049

11-11-83



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

7:010 1983

*John Caspary*  
PROJECT ENGINEER

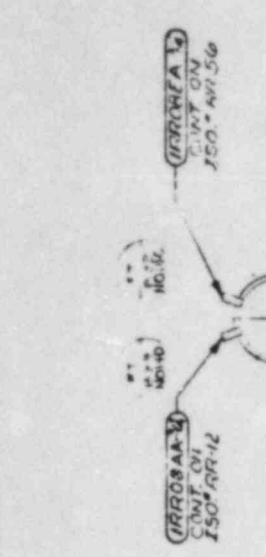
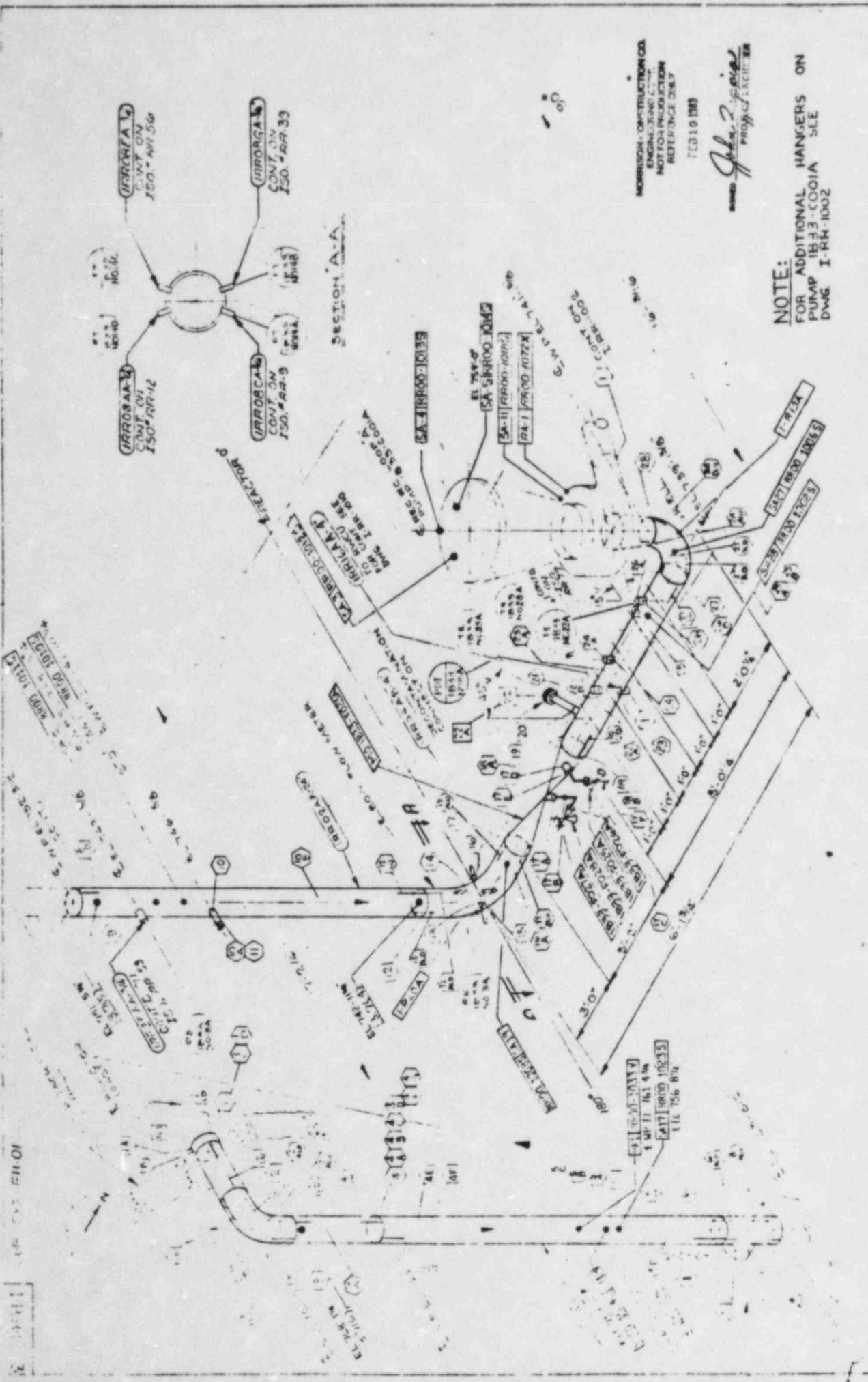
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NO.	DESCRIPTION	BY	DATE
1	ISSUED FOR CONSTRUCTION	J.C.	11/11/83
2	REVISIONS TO PUMP 10335	J.C.	11/11/83
3	REVISIONS TO PUMP 10335	J.C.	11/11/83
4	REVISIONS TO PUMP 10335	J.C.	11/11/83
5	REVISIONS TO PUMP 10335	J.C.	11/11/83
6	REVISIONS TO PUMP 10335	J.C.	11/11/83
7	REVISIONS TO PUMP 10335	J.C.	11/11/83

**MORRISON CONSTRUCTION CO.**  
BIRMINGHAM, ALABAMA

PROJECT: COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1  
REACTOR RECIRCULATION LOOP A

PROJECT NO. I-AR-1002



MORRISON CONSTRUCTION CO.  
 ENGINEERING  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 FEB 10 1983  
 JOHN Z. [Signature]  
 PROJECT ENGINEER

**NOTE:**  
 FOR ADDITIONAL HANGERS ON  
 PUMP IB-3-C001A SEE  
 DWG. I-RR-1002

REVISIONS		DATE	
1	ISSUED FOR CONSTRUCTION	2/10/83	JZ
2	REVISED FOR [unclear]		
3	REVISED FOR [unclear]		
4	REVISED FOR [unclear]		
5	REVISED FOR [unclear]		
6	REVISED FOR [unclear]		
7	REVISED FOR [unclear]		
8	REVISED FOR [unclear]		
9	REVISED FOR [unclear]		
10	REVISED FOR [unclear]		
11	REVISED FOR [unclear]		
12	REVISED FOR [unclear]		
13	REVISED FOR [unclear]		
14	REVISED FOR [unclear]		
15	REVISED FOR [unclear]		
16	REVISED FOR [unclear]		
17	REVISED FOR [unclear]		
18	REVISED FOR [unclear]		
19	REVISED FOR [unclear]		
20	REVISED FOR [unclear]		
21	REVISED FOR [unclear]		
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23	REVISED FOR [unclear]		
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25	REVISED FOR [unclear]		
26	REVISED FOR [unclear]		
27	REVISED FOR [unclear]		
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31	REVISED FOR [unclear]		
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33	REVISED FOR [unclear]		
34	REVISED FOR [unclear]		
35	REVISED FOR [unclear]		
36	REVISED FOR [unclear]		
37	REVISED FOR [unclear]		
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39	REVISED FOR [unclear]		
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41	REVISED FOR [unclear]		
42	REVISED FOR [unclear]		
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68	REVISED FOR [unclear]		
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93	REVISED FOR [unclear]		
94	REVISED FOR [unclear]		
95	REVISED FOR [unclear]		
96	REVISED FOR [unclear]		
97	REVISED FOR [unclear]		
98	REVISED FOR [unclear]		
99	REVISED FOR [unclear]		
100	REVISED FOR [unclear]		

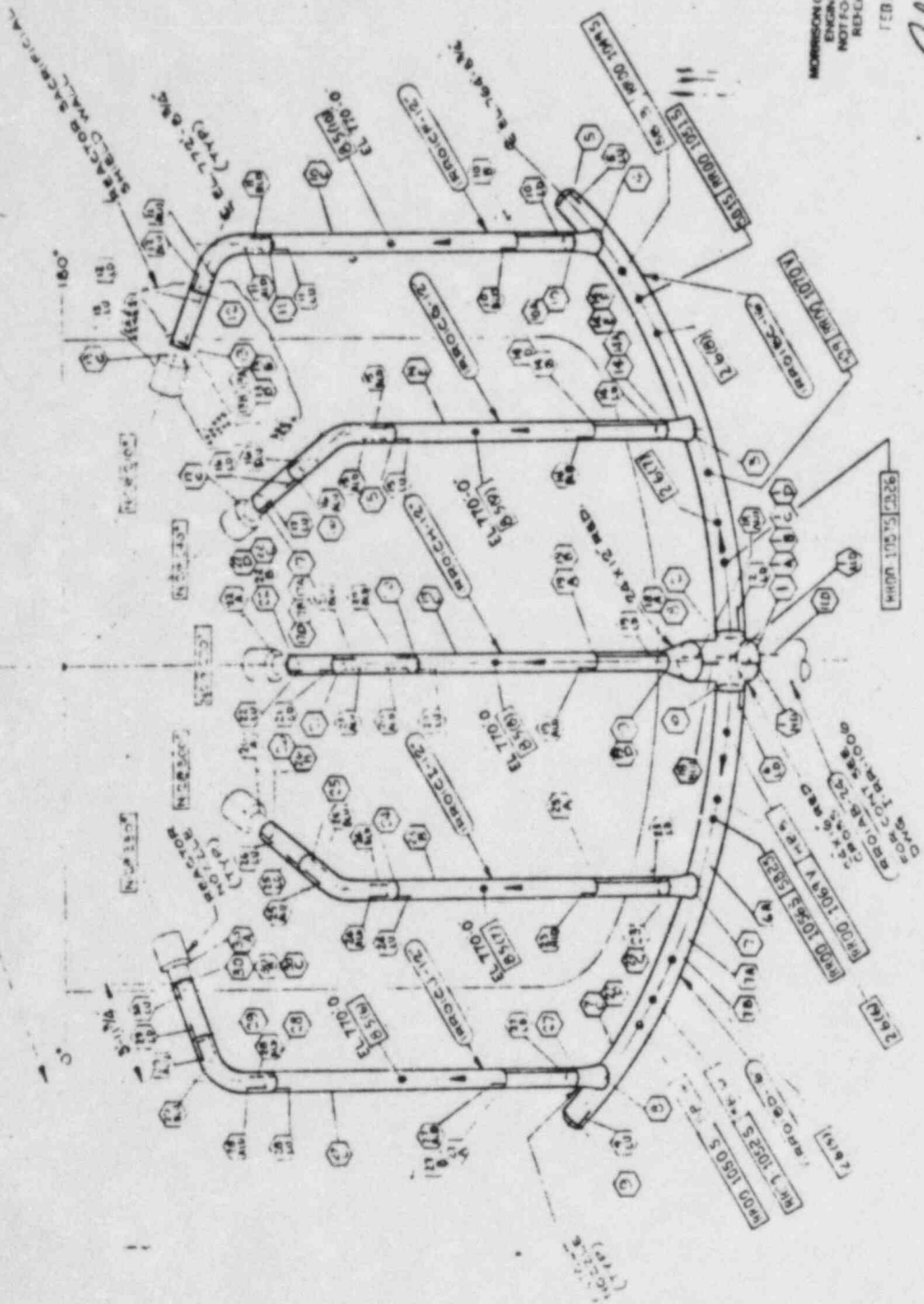
MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA  
 JOB NO. 3848 IN 001 001 007  
 DATE: 2/10/83  
 DRAWN BY: JZ  
 CHECKED BY: [unclear]  
 APPROVED BY: [unclear]  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1  
 REACTOR RECIRCULATION LOOP A  
 REF. DWG. NO. I-RR-1002

I-RR-1003



EXTRACTOR  
GOODS

EXTRACTOR  
GOODS



MORRISON CONSTRUCTION CO.  
ENGINEERING  
INDUSTRIAL DIVISION  
REFERENCE ONLY

FEB 10 1964

*John P. Morrison*  
PROJECT ENGINEER

REV.	DESCRIPTION	BY	DATE
1	PRELIMINARY	JPM	11/17/63
2	FOR CONSTRUCTION	JPM	1/20/64
3	REVISED FOR CONSTRUCTION	JPM	2/10/64
4	FOR CONSTRUCTION	JPM	2/10/64
5	FOR CONSTRUCTION	JPM	2/10/64
6	FOR CONSTRUCTION	JPM	2/10/64
7	FOR CONSTRUCTION	JPM	2/10/64
8	FOR CONSTRUCTION	JPM	2/10/64
9	FOR CONSTRUCTION	JPM	2/10/64
10	FOR CONSTRUCTION	JPM	2/10/64

REV.	DESCRIPTION	BY	DATE
1	FOR CONSTRUCTION	JPM	1/20/64
2	FOR CONSTRUCTION	JPM	1/20/64
3	FOR CONSTRUCTION	JPM	1/20/64
4	FOR CONSTRUCTION	JPM	1/20/64
5	FOR CONSTRUCTION	JPM	1/20/64
6	FOR CONSTRUCTION	JPM	1/20/64
7	FOR CONSTRUCTION	JPM	1/20/64
8	FOR CONSTRUCTION	JPM	1/20/64
9	FOR CONSTRUCTION	JPM	1/20/64
10	FOR CONSTRUCTION	JPM	1/20/64

20-4-B

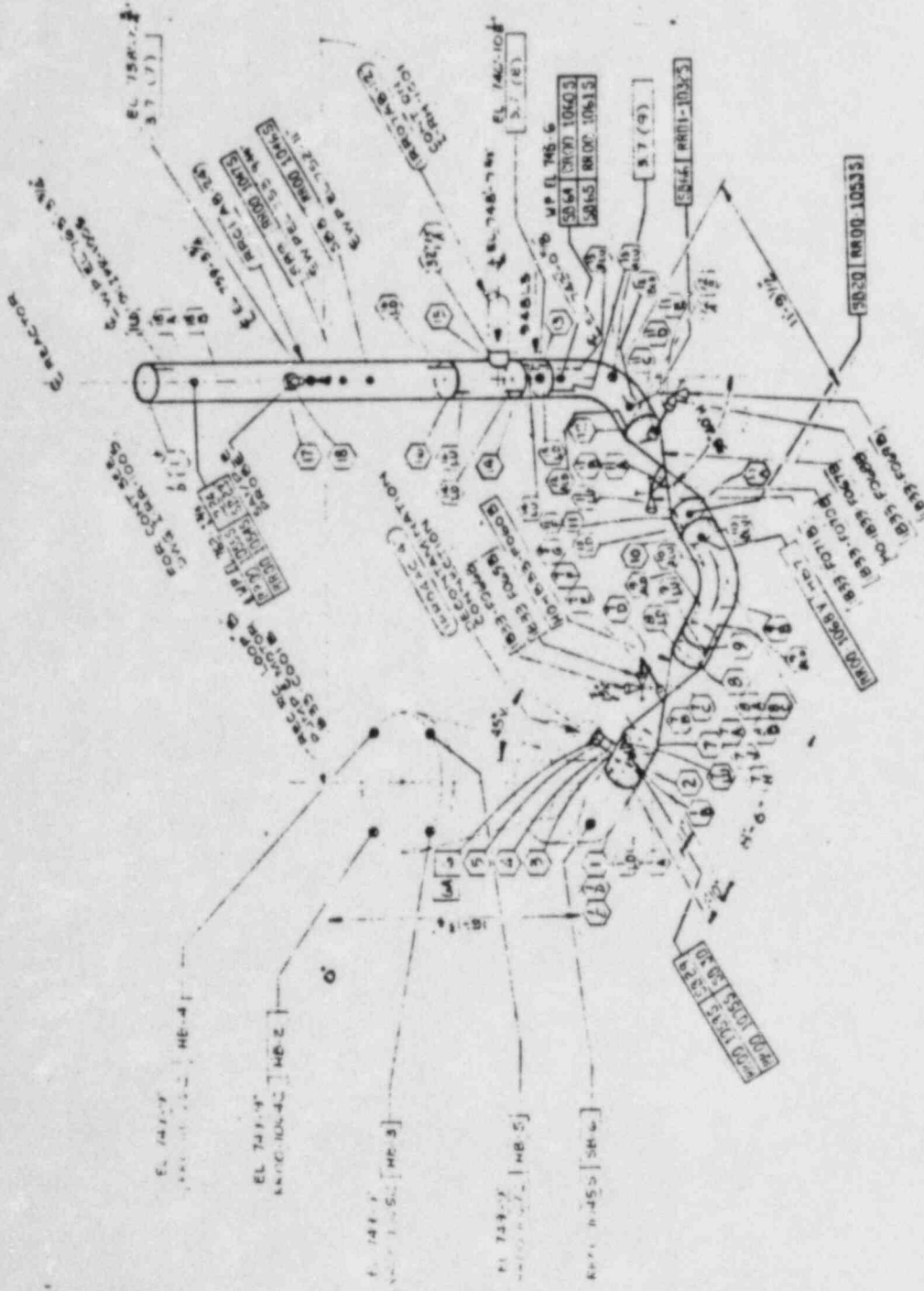
[RR-1005]

1-RR-1005

MORRISON CONSTRUCTION CO.  
HAMMOND, INDIANA  
JOB NO. 3444  
153 WEST 4TH ST. & 1ST N. ST.  
HAMMOND, INDIANA 46320  
COM. ON WEALTH EDISON CO. LA SALLE COUNTY STATION UNIT #1  
INSERVICE INSPECTION  
REACTOR RECIRCULATION LOOP "B"

MO-CO-1005

1-RR-1005



MORRISON CONSTRUCTION CO.  
 ENGINEERING DIV.  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 FEB 10 1960  
*John P. [Signature]*  
 PROJECT ENGINEER

FOR ADDITIONAL DRAWINGS OF PUMP  
 1853 LOOP SEE DWG. 1-RR-1001

REV	DESCRIPTION	DATE
A	DESIGN	11/15/58
B	REVISED	11/15/58
C	REVISED	11/15/58
D	REVISED	11/15/58
E	REVISED	11/15/58
F	REVISED	11/15/58

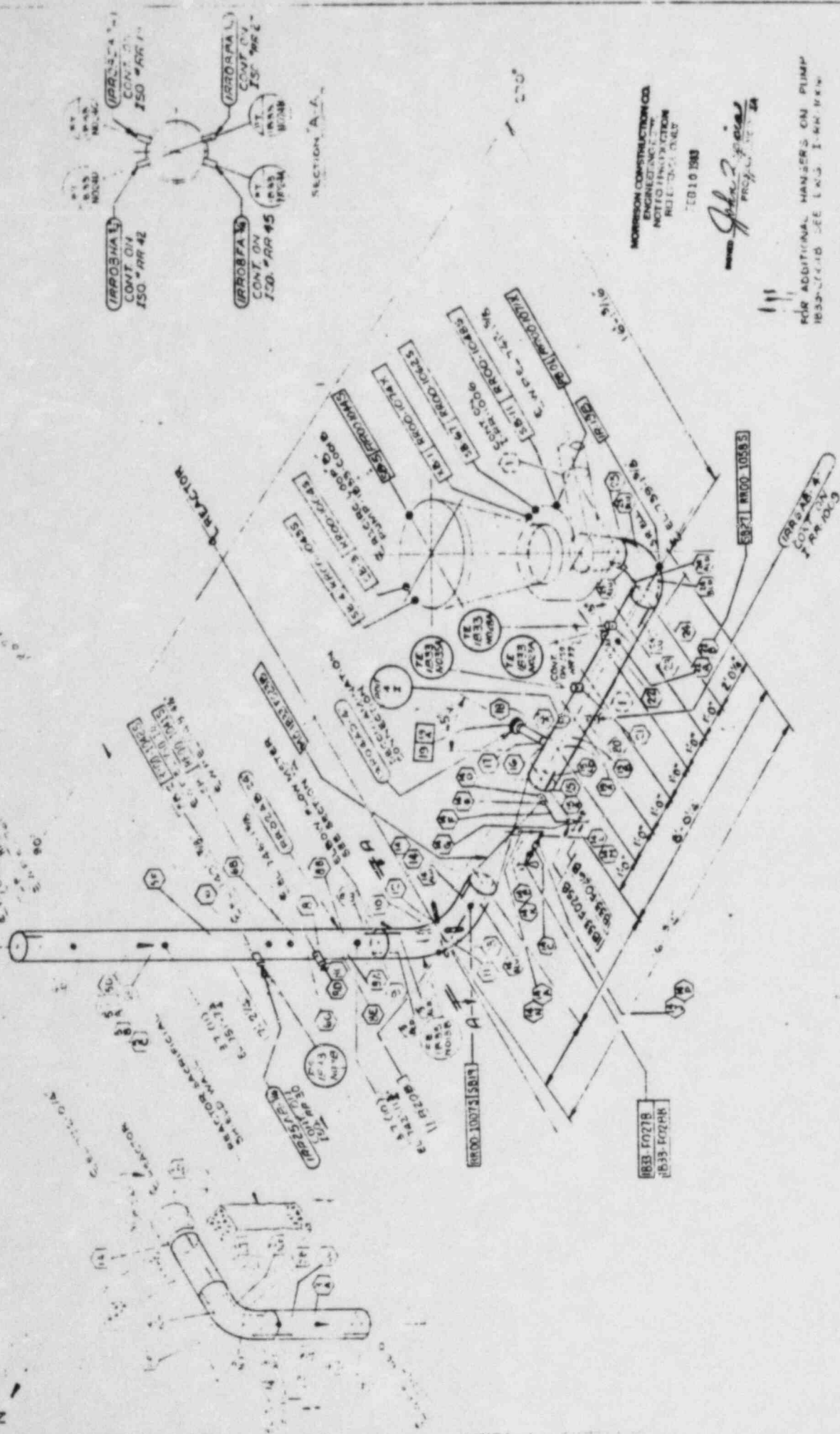
  

MORRISON CONSTRUCTION CO. HAMMOND, INDIANA	
JOB NO. 3444, R-500-1000	DRAWING NO. 1853
1. S. T. PASTERNAK, PROJECT ENGINEER	CHECKED BY:
W. C. BROWN, SUPERVISOR	DATE:
COMMONWEALTH EDISON CO. LASALLE COUNTY STATION UNIT 1	
IN-SERVICE INSPECTION UNIT 1	
REACTOR RECIRCULATION LOOP 'B'	

SCALE: 1" = 60' (VERTICAL), 2" = 120' (HORIZONTAL)

2 CURB SIDE OF HWY 72

N



SECTION A-A

MORRISON CONSTRUCTION CO.  
 ENGINEERING  
 NOTED FINISH LOCATION  
 PROJECT ONLY

1010 1988

*John P. ...*  
 PROJECT ENGINEER

FOR ADDITIONAL HANDERS ON PUMP  
 1833-10218 SEE ENCL. I-RR-1007

REVISIONS		DATE	
NO.	DESCRIPTION	BY	DATE
1	ISSUED FOR PERMIT	J.P.	10/10/88
2	REVISED FOR COMMENTS	J.P.	10/10/88
3	REVISED FOR COMMENTS	J.P.	10/10/88
4	REVISED FOR COMMENTS	J.P.	10/10/88
5	REVISED FOR COMMENTS	J.P.	10/10/88
6	REVISED FOR COMMENTS	J.P.	10/10/88
7	REVISED FOR COMMENTS	J.P.	10/10/88
8	REVISED FOR COMMENTS	J.P.	10/10/88
9	REVISED FOR COMMENTS	J.P.	10/10/88
10	REVISED FOR COMMENTS	J.P.	10/10/88

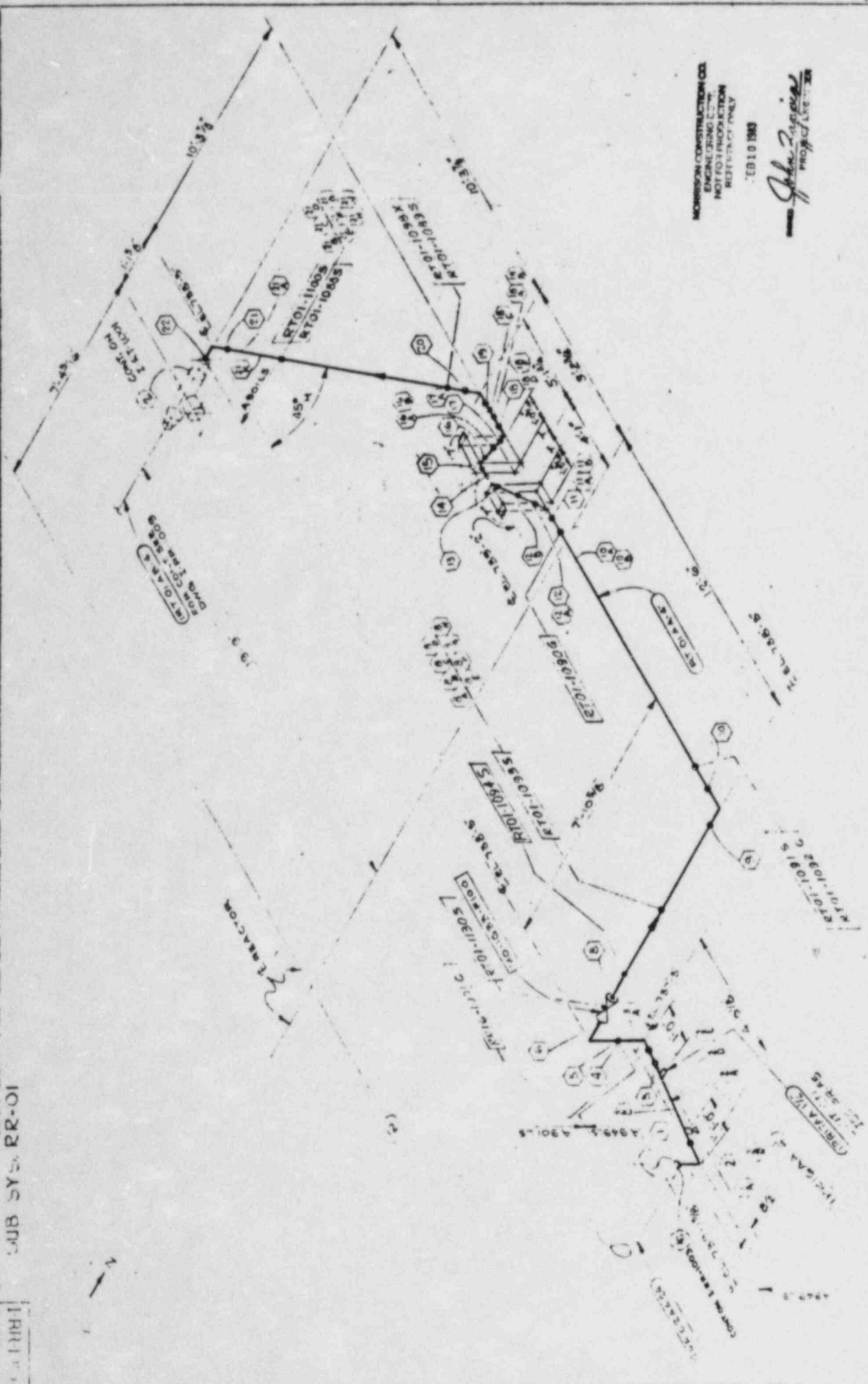
MORRISON CONSTRUCTION CO. HAMMOND, INDIANA		PROJECT NO. 1833-10218	DATE 10/10/88
1833-10218	1833-10218	1833-10218	1833-10218
COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1		INSURANCE INSPECTION	REACTOR RECIRCULATION LOOP B
REF. DRAWING NO. 1833-10218-1007	PROJECT NO. 1833-10218	DATE 10/10/88	PROJECT ENGINEER

1833-10218-1007



LAUB SY RR-01

FRRI



REVISIONS		DATE	
NO.	DESCRIPTION	BY	DATE
1	PRELIMINARY	J. ZIEGLER	10/10/83
2	REVISED PER COMMENTS	J. ZIEGLER	10/15/83
3	REVISED PER COMMENTS	J. ZIEGLER	10/20/83
4	REVISED PER COMMENTS	J. ZIEGLER	10/25/83
5	REVISED PER COMMENTS	J. ZIEGLER	10/30/83
6	REVISED PER COMMENTS	J. ZIEGLER	11/05/83
7	REVISED PER COMMENTS	J. ZIEGLER	11/10/83
8	REVISED PER COMMENTS	J. ZIEGLER	11/15/83
9	REVISED PER COMMENTS	J. ZIEGLER	11/20/83
10	REVISED PER COMMENTS	J. ZIEGLER	11/25/83
11	REVISED PER COMMENTS	J. ZIEGLER	12/01/83
12	REVISED PER COMMENTS	J. ZIEGLER	12/05/83
13	REVISED PER COMMENTS	J. ZIEGLER	12/10/83
14	REVISED PER COMMENTS	J. ZIEGLER	12/15/83
15	REVISED PER COMMENTS	J. ZIEGLER	12/20/83
16	REVISED PER COMMENTS	J. ZIEGLER	12/25/83
17	REVISED PER COMMENTS	J. ZIEGLER	1/01/84
18	REVISED PER COMMENTS	J. ZIEGLER	1/05/84
19	REVISED PER COMMENTS	J. ZIEGLER	1/10/84
20	REVISED PER COMMENTS	J. ZIEGLER	1/15/84
21	REVISED PER COMMENTS	J. ZIEGLER	1/20/84
22	REVISED PER COMMENTS	J. ZIEGLER	1/25/84
23	REVISED PER COMMENTS	J. ZIEGLER	1/30/84
24	REVISED PER COMMENTS	J. ZIEGLER	2/01/84
25	REVISED PER COMMENTS	J. ZIEGLER	2/05/84
26	REVISED PER COMMENTS	J. ZIEGLER	2/10/84
27	REVISED PER COMMENTS	J. ZIEGLER	2/15/84
28	REVISED PER COMMENTS	J. ZIEGLER	2/20/84
29	REVISED PER COMMENTS	J. ZIEGLER	2/25/84
30	REVISED PER COMMENTS	J. ZIEGLER	2/28/84

MORRISON CONSTRUCTION CO.  
 HAMMOND, INDIANA  
 ENGINEERING  
 NOT FOR PRODUCTION  
 REFERENCE ONLY  
 EB10 1983  
 John Ziegler  
 PROJECT ENGINEER

JOB NO. 3333-70-001-001  
 DRAWING NO. 10-1100-01  
 SHEET NO. 1 OF 1  
 COMMONWEALTH EDISON CO. LA SALLE COUNTY STATION UNIT 1  
 INSERVICE INSPECTION  
 REACTOR RECIRCULATION SYSTEM

REVISED PER COMMENTS  
 J. ZIEGLER  
 10/10/83  
 10/15/83  
 10/20/83  
 10/25/83  
 10/30/83  
 11/05/83  
 11/10/83  
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 2/20/84  
 2/25/84  
 2/28/84

T-50  
 T-520  
 T-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 & PV-CODE  
SECTION III NUCLEAR

Test No. MP 3559

FACTORY NO. \_\_\_\_\_  
CUSTOMER \_\_\_\_\_  
HEAT NO. \_\_\_\_\_

MAGNETIC PARTICLE INSPECTION REPORT

Part Name Body Part No. 193183-33 Dwg. No. CN93174 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 SA Manufacturer Magnaflux Corp.

Inspector R Moran Level II Date 5/16/80

Method of Inspection	Current Amps	AC	DC	Wet	Dry	Residual	Continuous
<u>Prods (6" Spacing)</u>	<u>600</u>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

Part Serial No.	Description	Total Number Of Indications	Accepted	Rejected
<u>0028 thru 0034</u>	<u>Top End Groove Dia. (Per MPTS-22 Rev. 1)</u>	<u>None</u>	<input checked="" type="checkbox"/>	

*Handwritten:* EFB  
EHB  
6-23-80

CROSBY  
FINAL DOCUMENTATION  
PART Body  
CROSBY S/N 193183-33-0034  
HEAT NO. 15527  
VALVE S/N 163790-00-0110  
TAG NO. mpl 821-F013  
SUPPLIER S/N 0231a

REVIEWED & ACCEPTED  
MAY 20 1980  
BY [Signature] DATE

Revised 1/29/76

00049

PSI Ref. - MSV-7



# G. E. - MOD.

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

ASME B & P CODE  
SECTION III NUCLEAR

Test No. MP 3559

### MAGNETIC PARTICLE INSPECTION REPORT

FACTORY NO. \_\_\_\_\_  
CUSTOMER \_\_\_\_\_  
HEAT NO. \_\_\_\_\_

Part Name Body Part No. 1931F3-33 Dwg. No. CA93174 Rev. E

Quantity 7 Material ASME SA165 Heat No. L2030

Spec. I Rev. 5 Procedure No. MP 0415 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 Moore Level II Date 5/16/80

Method of Inspection	Current Amps	AC	DC	Wet	Dry	Residual	Continuous
<u>Prods (6" Spacing)</u>	<u>600</u>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

Part Serial No.	Description	Total Number Of Indications	Accepted	Rejected
<u>0028 thru 0034</u>	<u>Top End Groove Dia. (Per MPTS-22 Rev. 1)</u>	<u>None</u>	<input checked="" type="checkbox"/>	

Q.E.F.  
EHB  
6-23-80

CROSBY  
FINAL DOCUMENTATION  
PART Body  
CROSBY S/N 1931F3-23-0031  
HEAT NO. L2030  
VALVE S/N N167790-00-01 07  
TAG NO. MPL # 821-P013  
SUPPLIER S/N 0257

REVIEWED & ACCEPTED  
MAY 20 1980  
BY [Signature] DATE

Revised 1/29/76

00048

PSI Ref. : MSV-11

VI  
VII  
III  
IV  
V

## 10.6 HANGER &amp; 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

J(84-10)

# PURCHASE ORDER

# GENERAL ELECTRIC

(MATERIALS AND SUPPLIES)

FOR RESALE  
 NOT FOR RESALE

INSTALLATION & SERVICE  
ENGINEERING DIVISION

MARK ALL PACKAGES DOCUMENTS  
AND CORRESPONDENCE WITH

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

V  
E  
N  
D  
O  
R

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

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

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

V  
E  
N  
D  
O  
R

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

S  
H  
I  
P  
T  
O

General Electric Company  
LaSalle County Nuclear Station  
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.	55/gal. (570lbs)	Glycerine, Industrial 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  
14 Commerce Drive, Suite 305  
Oak Brook, IL 60521  
ATT: R. Pauli

**GENERAL ELECTRIC**

INSTALLATION AND SERVICE  
ENGINEERING DIVISION

**PURCHASE ORDER**

VENDOR OR CONTRACTOR:

GENERAL SOLVENTS & CHEMICALS CO.

7050 West 71st. St.

Chicago, Ill. 60638

Attn: Joe Powers

GE INTERNAL ACCOUNT NUMBER (FSR):

391H0173-4

RESALE (for)  (not for)

REQUIRED SHIPPING OR

COMPLETION DATE: 7-17-78

SHIP PREPAID VIA: Best Way

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

GE P. O. NO. 391H0173-4

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)

# PURCHASE ORDER

(MATERIALS AND SUPPLIES)

FOR RESALE  
NOT FOR RESALE

## GENERAL ELECTRIC

INSTALLATION & SERVICE  
ENGINEERING DIVISION

MARK ALL PACKAGES, DOCUMENTS  
AND CORRESPONDENCE WITH

GE ORDER NUMBER 391N0173-16	DATED 10-11-78	REQUIRED SHIPPING OR COMPLETION DATE 10-11-78	SHIP PREPAID VIA Best Way
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V  
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CENTRAL SOLVENTS & CHEMICALS CO.  
7050 WEST 71ST. ST.  
CHICAGO, ILLINOIS 60638

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

CONFIRMING PHONE CALL-DO NOT DUPLICATE

- 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.		\$142.85

*Handwritten:* 15.00  
*Handwritten:* 145.85

CERTIFICATION REQUIRED PER MANUFACTURER'S PUBLISHED SPECIFICATIONS

NOTE: INVOICES INVALID WITHOUT CERTIFICATION AND SPECIFICATIONS

*Handwritten:* 10-13-78  
*Handwritten:* Received  
*Handwritten:* 10/17/78  
*Handwritten:* #4526

SIGNED - FOR GENERAL ELECTRIC COMPANY  
*Signature*

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

**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)

REQUIRED SHIPPING OR  
COMPLETION DATE: 12-26-78

SHIP PREPAID VIA: Best Way

RENDER INVOICES IN TRIPPLICATE 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 ELECTRIC 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.

LABOR CLASSIFICATION

NUCLEAR  
PURCH.  
APPROV.  
*M. J. [Signature]* 11/21/79

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 DEPARTMENT  
BY: *[Signature]*  
APPROVED BY: *[Signature]*  
(AS REQUIRED BY DEPARTMENT  
AND REGION INSTRUCTIONS)



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. 39LN0173-23  
 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
<del>XXXXXX</del>	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.

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- 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)

# PURCHASE ORDER

FOR RESALE  
 NOT FOR RESALE

## GENERAL ELECTRIC

(MATERIALS AND SUPPLIES)

INSTALLATION & SERVICE  
ENGINEERING DIVISION

MARK ALL PACKAGES, DOCUMENTS  
AND CORRESPONDENCE WITH

GE ORDER NUMBER 39110173-25	DATED 3-20-79	REQUIRED SHIPPING OR COMPLETION DATE ASP	SHIP PREPAID VIA Best Way
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**VENDOR**  
**GENERAL Solvents & Chemicals Co.**  
 7050 West 71st. St.  
 BEDFORD PK  
 CHICAGO IL 60638  
 ATT: Joe Powers

**SUPPLIER**  
 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.		\$285.63

CERTIFICATE OF COMPLIANCE TO ASTM-D1257

**NUCLEAR QA  
PURCHASE  
APPROVAL**

*MF* 3-26-79  
REGION QA DATE

SIGNED - FOR GENERAL ELECTRIC COMPANY  
*[Signature]*

GE INTERNAL ACCOUNT NUMBER  
39110173-25

**VENDOR:**  
 FORWARD ACKNOWLEDGMENT COPY (WITH PROMISED DELIVERY DATE) AND ALL INVOICES AND CORRESPONDENCE TO:  
 General Electric Company  
 14 Commerce Drive, Suite 305  
 Oak Brook, IL 60521  
 ATT: R. Pauli

# PURCHASE ORDER

(MATERIALS AND SUPPLIES)

FOR RESALE  
 NOT FOR RESALE

## GENERAL ELECTRIC

INSTALLATION & SERVICE  
ENGINEERING DIVISION

MARK ALL PACKAGES, DOCUMENTS  
AND CORRESPONDENCE WITH

GE ORDER NUMBER 391N0173-31	DATED 4-11-79	REQUIRED SHIPPING OR COMPLETION DATE ASP	SHIP FREIGHT VIA Best Way
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McMaster-Carr Supply Company  
P.O. Box 4355  
Chicago, IL 60680  
ATT: S. Flesch

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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
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CONFIRMING PHONE ORDER - PLEASE DO NOT DUPLICATE

1	43	#1026T27 size "B" Batteries	.570		\$27.36
2	10	#3962K11 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  
4 Commerce Drive, Suite 305  
Oak Brook, IL 60521  
ATT: R. Paul

INSTALLATION AND SERVICE  
ENGINEERING DIVISION

**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 TRIPPLICATE AND  
MARK ALL PACKAGES, DOCUMENTS AND  
CORRESPONDENCE WITH:

GE P. O. NO. 391N0173-P432

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: H. 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
Travel and Living		

Travel and hotel accommodations 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.

**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 *H. R. Casey*  
(AS REQUIRED BY DIVISION  
AND DEPARTMENT INSTRUCTIONS)

**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 TRIPPLICATE 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 transducers, shoes, and leads as required.

Rate schedule as follows:

**NUCLEAR QA  
PURCHASE  
APPROVAL**

LABOR CLASSIFICATION

Level II UT, PT

Level I UT, PT

FIXED HOURLY RATE	
STRAIGHT TIME	PREMIUM TIME
23.00	34.50
18.00	27.00

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)

**GENERAL ELECTRIC**

INSTALLATION AND SERVICE  
ENGINEERING DIVISION

# PURCHASE ORDER

cc: S. P. J. [unclear]  
[unclear]  
[unclear]  
[unclear]

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)

REQUIRED SHIPPING OR  
COMPLETION DATE:

SHIP PREPAID VIA:

RENDER INVOICES IN TRIPPLICATE 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
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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)

# PURCHASE ORDER

(MATERIALS AND SUPPLIES)

FOR RESALE  
 NOT FOR RESALE

## GENERAL ELECTRIC

INSTALLATION & SERVICE  
ENGINEERING DIVISION

GE ORDER NUMBER 391N0173-41	DATED 5/29/80	REQUIRED SHIPPING OR COMPLETION DATE ASAP	SHIP PREPAID VIA Best Way
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Morrison Construction Company  
Rte 1, Box 217  
Marseilles, Illinois 61341  
Attention: Jim Stewart

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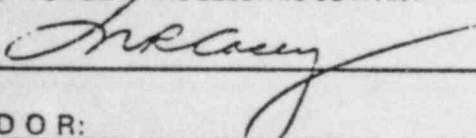
- A. SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS ORDER.
- B. FURNISH THE ITEMS SPECIFIED. NO CHANGE OR UNAUTHORIZED SUBSTITUTION WILL BE PERMITTED WITHOUT WRITTEN CONSENT.
- C. IF PURCHASE IS FOR F.O.B. YOUR PLANT AND TRANSPORTATION CHARGES ARE NOT ALLOWED. ADD TRANSPORTATION CHARGES TO INVOICE 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



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  
Attention: Mr. R. Pauli

# PURCHASE ORDER

*For La Salle*

## GENERAL ELECTRIC

(MATERIALS AND SUPPLIES)

FOR RESALE  
 NOT FOR RESALE

INSTALLATION & SERVICE  
ENGINEERING DIVISION

MARK ALL PACKAGES, DOCUMENTS  
AND CORRESPONDENCE WITH

GE ORDER NUMBER 39110173-49	DATED 7/30/80	REQUIRED SHIPPING OR COMPLETION DATE 4 days after receipt of material	SHIP PREPAID VIA Best Way
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Omega Technical Corporation  
120 East Ogden Avenue, Suite 202  
Hinsdale, Illinois 60521  
Attn: Mr. George Kadar

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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  
*[Signature]*

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



**GENERAL**  **ELECTRIC**

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

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

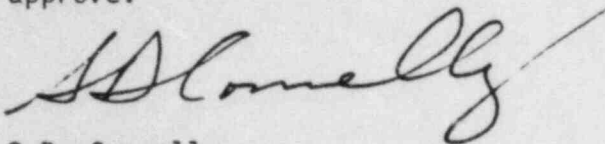
October 26, 1979

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 RECORDS
8.0	CORRESPONDENCE
9.0	DRAWINGS
10.0	AUDITS

APPROVAL: William Kozicki 10/29/79  
Manager Q.A. Date

# GENERAL ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

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

May 25, 1979

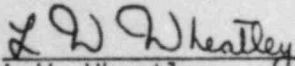
Mr. William Kozik  
Manager, QA  
Central Region Engineering

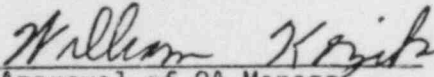
SUBJECT: Document Distribution List For LaSalle Preservice Inspection.

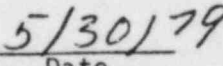
Dear Bill,

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.

<u>Document</u>	<u>NDE Super</u>	<u>UT Level II Examiner</u>	<u>UT Level I Examiner</u>	<u>PT Examiner</u>
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  
Project QC Supervisor

  
Approval of QA Manager

  
Date

# GENERAL ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

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

PRINTED NAME	INITIAL	SIGNATURE	DATE
JACOB L. BRIGGS	J.S.	Jacob L. Briggs	3/10/80
JAMES E. CRAIG	J.E.C.	James E. Craig	3/11/80
IDA M. OLKOYO	I.M.O.	Ida M. Olkoyo	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. PATRICH	M.D.P.	Michael D. Patrich	5/23/80
DAVID N. BRYANT	D.N.B.	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
RE. TURPIN	RE.T.	Robert E. Turpin	9-23-80
PAUL R. DHAUSE	P.R.D.	Paul R. Dause	12/16/80
RE. TURPIN	RE.T.	Robert E. Turpin	1/27/81
THANG M. LE	T.M.L.	Thang M. Le	1/27/81
A.W. CLAY	A.W.C.	A.W. Clay	1/27/81
DARRELL C. FLYNN	D.C.F.	Darrell C. Flynn	9/23/82
JAMES E. OLIN	J.E.O.	James E. Olin	1-24-83
BOBBY L. NEWELL	B.L.N.	Bobby L. Newell	2-8-83
MARK C. SODEMANN	M.C.S.	Mark C. Sodemann	4-6-83
BRAD M. DUMMER	B.M.D.	Brad M. Dummer	7-26-83
CHARLES H. PINKELTON	C.H.P.	Charles H. Pinkelton	7/27/83
JOHN R. STERCZYNSKI	J.R.S.	John R. Sterczynski	7/27/83
MICHAEL R. PONNI (MIRE. GOROS)	M.R.P.	Michael R. Panni	8/16/83
FRANK W. FIELD (FRANK W. FIELD)	F.W.F.	Frank W. Field	8/16/83
K.K. CHERIAN	K.K.C.	Ch. an M	11-28-83
MICHAEL E. FREESE	M.E.F.	Michael E. Freese	12-12-83

# GENERAL ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING

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

DIVISION

PRINTED NAME

INITIAL

SIGNATURE

DATE

PHILIP J. LEIGH

J.H.B.

*Philip Leigh*

10/25/79

THOMAS H. BRYAN

*Thomas H. Bryan*

10/25/79

PAUL R. RAMSEY

P.R.R.

*Paul R. Ramsey*

10/26/79

ROY H. BRIDGES

R.H.B.

*Roy H. Bridges*

10-26-79

~~EDWARD L. LAKE JR.~~

~~E.L.L.~~

~~*Edward Lake Jr.*~~

~~11-2-79~~

EDWARD L. LAKE JR.

CECIL A. HOMLER

cah

*Cecil Homler*

11-2-79

WILBUR M. MASON

wm

*Wilbur Mason*

11/8/79

ROBERT V. CLARKE

R.V.C.

*Robert Clarke*

11/13/79

~~DAVID L. CARLSON~~

~~D.L.C.~~

~~*David Carlson*~~

~~11-14-79~~

DAVID L. CARLSON

ROY L. HODGE

R.L.H.

*Roy L. Hodge*

11-14-79

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

B.S.

*Brian Shields*

1-4-80

ROBERT WOHLGEMUTH

R.W.

*Robert Wohlgemuth*

1-4-80

TOM DALY

T.D.

*Tom Daly*

1/7/80

ROD SWANSON

R.S.

*Rod Swanson*

1-7-80

TONY MONDRAGON

A.R.M.

*Tony Mondragon*

2-8-80

JIM TRANCHINA

J.R.T.

*Jim Tranchina*

2/27/80

# GENERAL ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

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

PRINTED NAME	INITIAL	SIGNATURE	DATE
Louis J. Holcombe	LH	Louis J. Holcombe	5/14/79
STEPHEN M HERMAN	SMH	<del>Stephen M Herman</del>	5/14/79
Jimmy T. Sheldon	JS	Jimmy T. Sheldon	5/14/79
Richard L Cram	RC	Richard L Cram	5/14/79
McL. Neckelburg	MLN	McL. Neckelburg	5/14/79
<del>Charles Hill</del> CHARLES HILL	CH	Charles Hill	6/11/79
ROBERT W. AUSTIN	R.W.A.	Robert W. Austin	6/25/79
SAM VOLK	S.V.	Sam Volk	9/4/79
JOHN CANAAN	J.C.	John Canaan	9/11/79
PHIL GRAVES	P.G.	Phil Graves	9/13/79
JEFF KLOPOTIC	J.K.	Jeffrey M. Klopotic	9/13/79
MURRAY E. WILLIAMS	M.E.W.	Murray E. Williams	9/13/79
GEORGE E SMITH	G.E.S.	George E Smith	9/13/79
Jerry Story	J.S.	Jerry Story	9/24/79
JOSEPH J. ALBANESE	J.A.	Joseph J. Albanese	9/27/79
Daniel Voget	GE	Dino Voget	9/27/79
Roy May	<del>RM</del> RM	Roy May	9/27/79
Cody PENDERGRASS	C.P.	Cody Pendergrass	10/1/79
ERNEST GALYAN	E.G.	Ernest Galyan	10/2/79
Carroll Morais	C.M.	Carroll Morais	10/4/79
Barbara Sudd	B.S.	Barbara Sudd	10/15/79
THANG LE	T.L.	Thang Le	10/15/79

# GENERAL ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

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

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	DEH	David E. Holthaus	3-28-79
RALPH F. SCHMIDT	RS	Ralph Schmidt	3/29/79
Cheri I. Bonzo	CSB	Cheri I. Bonzo	3/29/79
Gary R. Webb	G.R.W.	Gary R. Webb	4/4/79
FRANK BERNARDO	FB	Frank Bernardo	4/4/79
LYNN McCLAIN	L.M.C.	Lynn McClain	4/16/79
Romayne Palmer	RTP	Romayne 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 Schmittigal	L.K.S.	Lester Schmittigal	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. CASE	J.M.C.	John M. Case	4-20-79
BARRY Kim CONTRANT	B.K.C.	Barry Kim Contrant	4-25-79
SALAHUDDIN RAZI	S.R.	Salahuddin Razi	4/25/79
John K. Amburgey	J.K.A.	John K. Amburgey	4/25/79
STEVEN R. REEVES	S.R.R.	Steven R. Reeves	4/25/79
RICHARD PIETZAK	R.P.	Richard Pietzak	5/1/79

# GENERAL ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

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

PRINTED NAME	INITIAL	SIGNATURE	DATE
HARLAN KLOSTER	HK	Harlan Kloster	2-22-79
MYLES HART	MPH	Myles Hart	2-22-79
RS Hooper	RH	RS Hooper	2-22-79
JOHN DECKER	JH	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. YURK	TYW	Thomas W. Yurk	2-22-79
REBLACKINTON JR	REB	Reblackinton Jr	2-22-79
LEN BELL	LB	Len Bell	2-22-79
LV BOWNE	LVB	LV Bowne	2-22-79
DP TELLIER	DPT	Donna Tellier	2-22-79
STEVEN C. MORTENSON	SM	Steven C. Mortenson	2-22-79
MIKE HEATH	MH	Michael Heath	2-22-79
✓ DON TUCKER	DT	Don Tucker	3/1/79
✓ DANIEL LITLER	DL	Daniel Litler	3/1/79
✓ JOEL D. WOJCIK	JW	Joel Wojcik	3/1/79
✓ ANTHONY SARNO	AS	Anthony Sarno	3/1/79
Fred Johnston	FJ	Fred Johnston	3/1/79
✓ B. J. WARCHUCK JR.	BWJ	B. J. Warchuck Jr	3/5/79
Larry W. Richardson	LWR	Larry W. Richardson	3/5/79
DENNIS M. PERCIUAL	DMP	Dennis M. Perciual	3/6/79
✓ N. WAYNE HANSON	NWH	N. Wayne Hanson	3/6/79
STEPHEN D. CONNELLY	SDC	Stephen D. Connelly	3/6/79
L W Wheatley	LWW	Lawrence W. Wheatley	3/6/79



GENERAL ELECTRIC

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

*Savvy*  
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*  
L. W. Wheatley  
Project QC Supervisor/Level III

LWW:imo

CC: W. Kozik  
S. Connelly  
Letterfile

# GENERAL ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION ✓

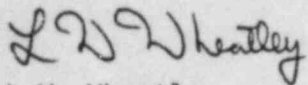
GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

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 individuals 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  
Project QC Supervisor

# GENERAL ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

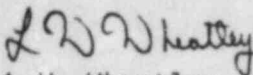
GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

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  
Project QC Supervisor

GENERAL  ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

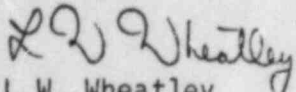
GENERAL ELECTRIC COMPANY, 814 COMMERCE DR., OAK BROOK, ILL. 60521

July 20, 1979

To Whom It May Concern:

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

GENERAL  ELECTRIC



INSTALLATION & SERVICE  
ENGINEERING BUSINESS  
DIVISION

COPIES

DIAL COMM

8\*383-3339

MAIL ADDRESS & DATE

814 Commerce Drive Suite 305  
Oak Brook, Illinois 60521

July 19, 1979

SUBJECT

DELEGATION OF DUTIES FOR ISI LASALLE PROJECT #LCS-P0173-1

---

N. Casey  
L. Wheatley

The following duties 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.

*H. Kozik*

H. Kozik  
Manager QA  
Region Engineering

WK/mr

# GENERAL ELECTRIC

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

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

March 30, 1979

Mr. L. W. Wheatley  
QC Supervisor  
La Salle County Nuclear Station  
Marseilles, Illinois 61341

SUBJECT: DELEGATION OF DUTIES-NDE SUPERVISOR

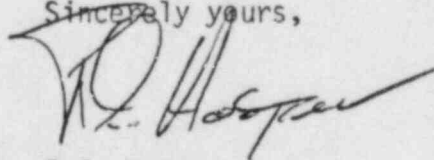
Dear Larry:

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

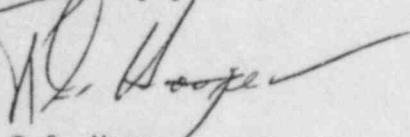
Mr. John Decker will be performing as an NDE Level II examiner beginning February 6, 1979. Mr. Ron Rather will act as NDE Supervisor beginning February 5, 1979.

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

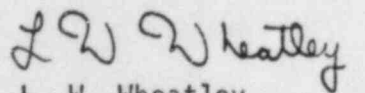
SUBJECT: Delegation of Duties

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  
Project QC Supervisor

cc: Nate Casey  
William Kozik  
Myles Hart  
John Decker



**GENERAL  ELECTRIC**

DIAL COMM  
8\*383-3378

MAIL ADDRESS & DATE  
814 Commerce Drive  
Oak Brook, IL 60521

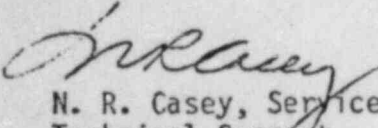
May 26, 1978

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



INSTALLATION & SERVICE  
ENGINEERING BUSINESS  
DIVISION

COPIES

✓ L. Wheatley, GE/LaSalle  
W. Kozik, GE/Oak Brook  
T. Mikulski, GE/Oak Brook


**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

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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