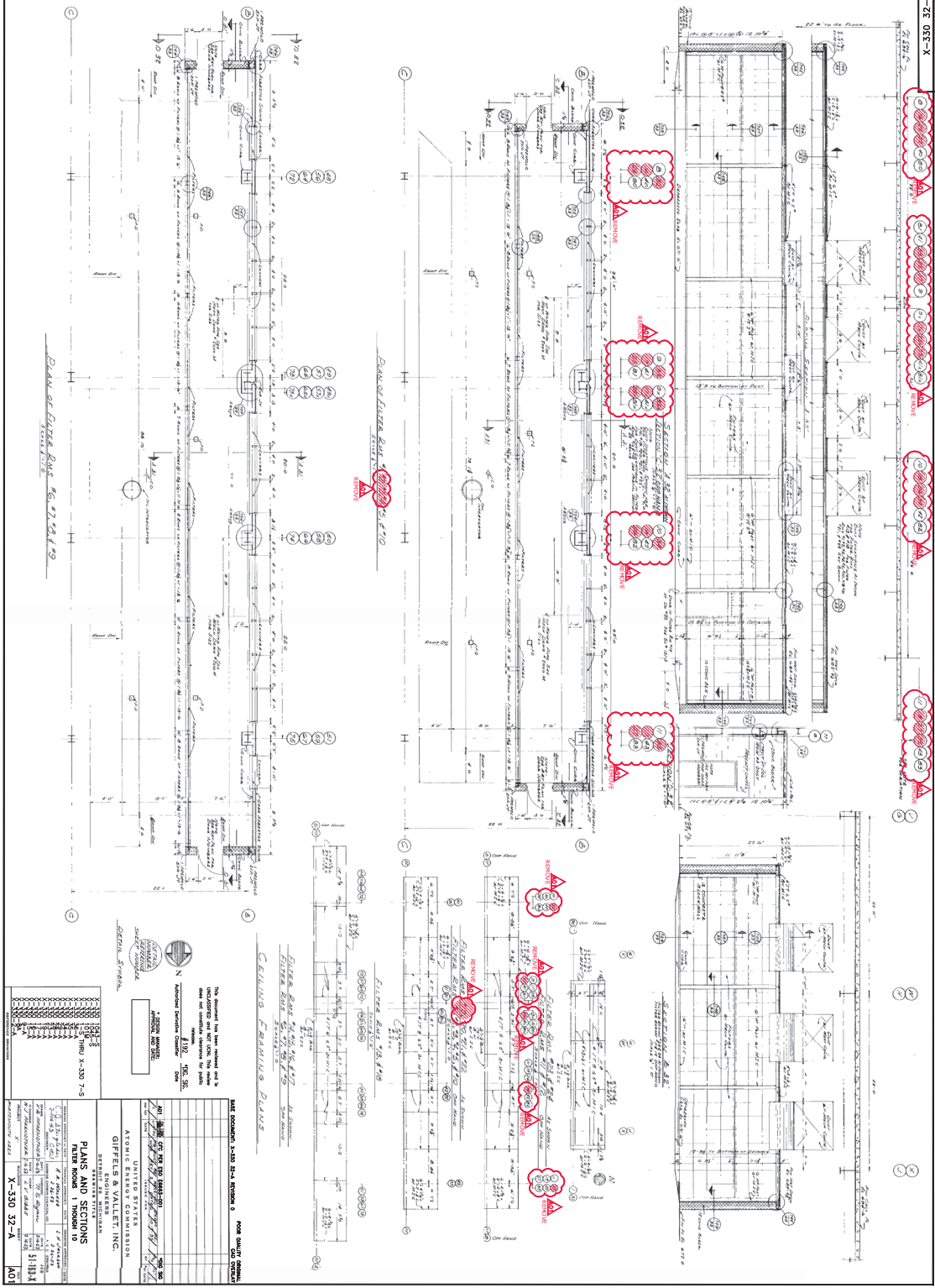
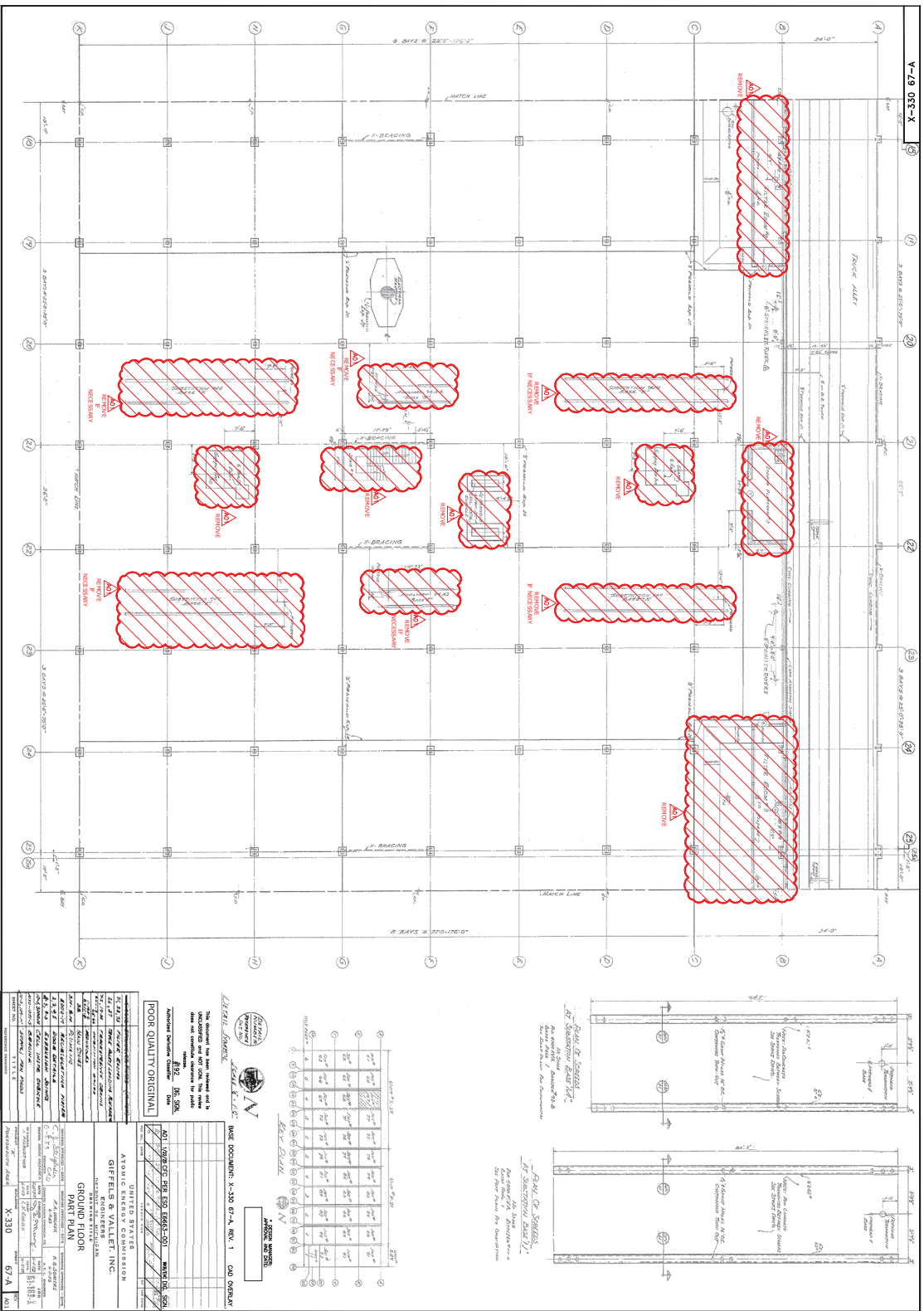


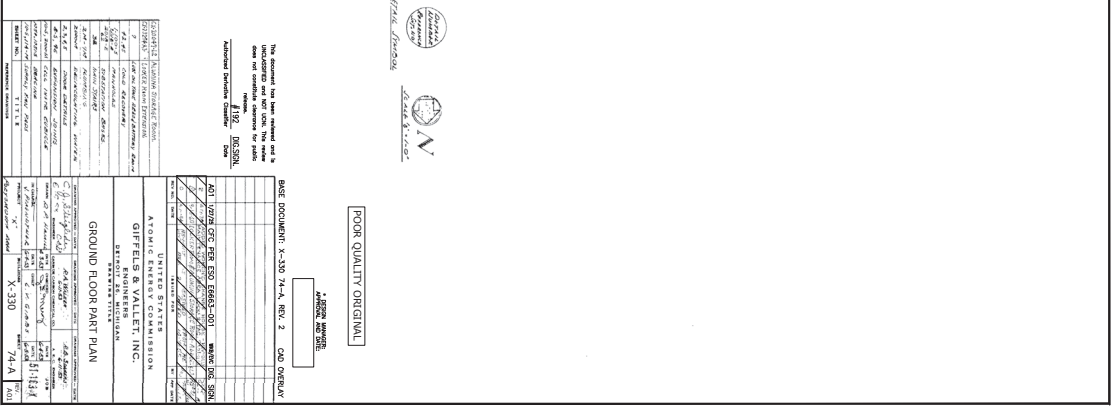


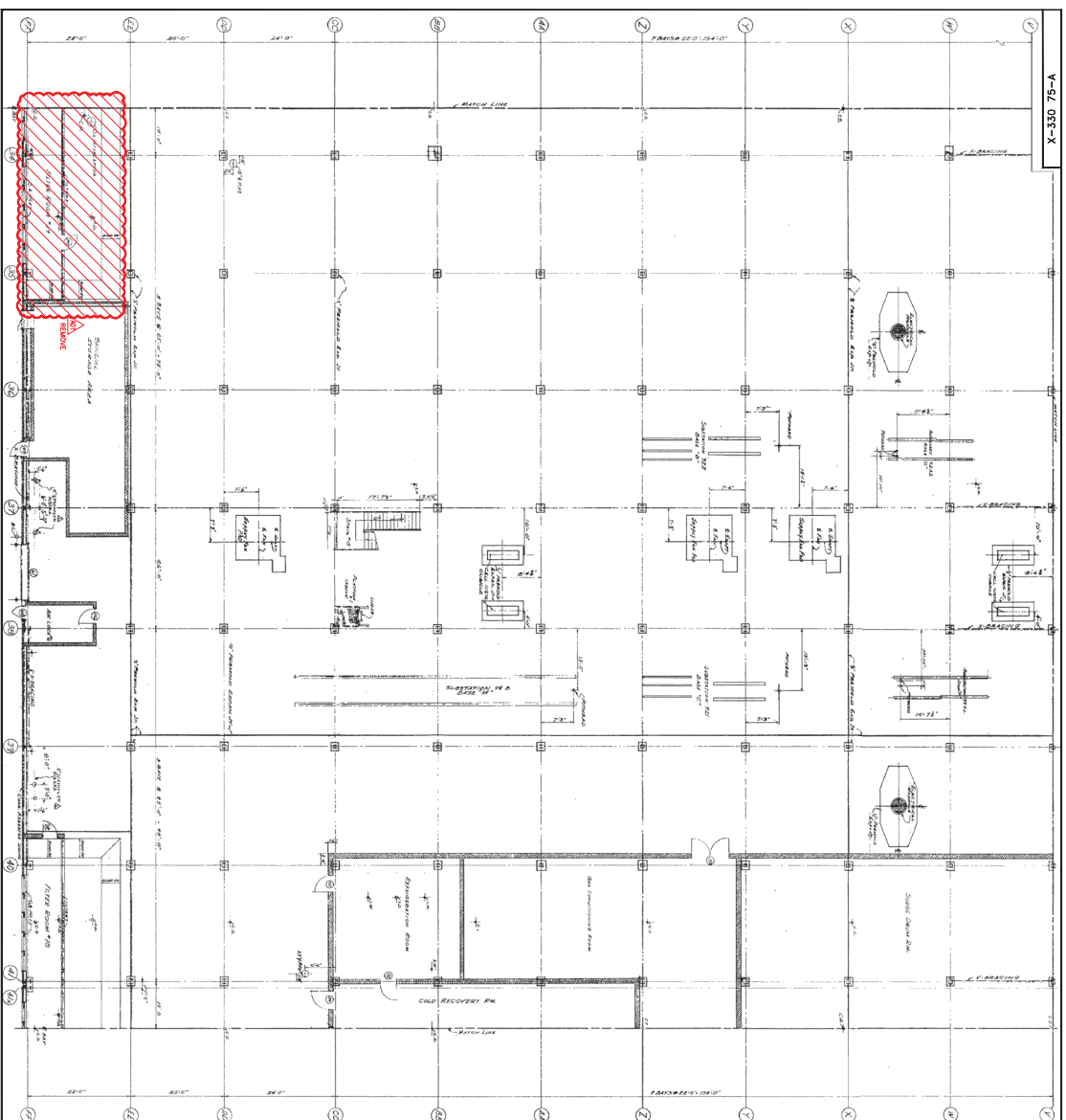




POOR QUALITY ORIGINAL

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POOR QUALITY ORIGINAL

* DESIGN WORKSHEET
APPROVAL AND DATE

BASE DOCUMENT: X-330 75-A, REV. 2 CAD OVERLAY

This document has been reviewed and is UNCLASSIFIED and NOT UCLM. This review does not constitute clearance for public release.

#192 DG. SGM

Authorized Derivative Classifier Date

[illegible]

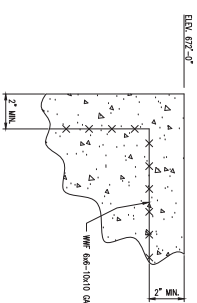
GIFFELS & VALLET, INC.
ENGINEERS



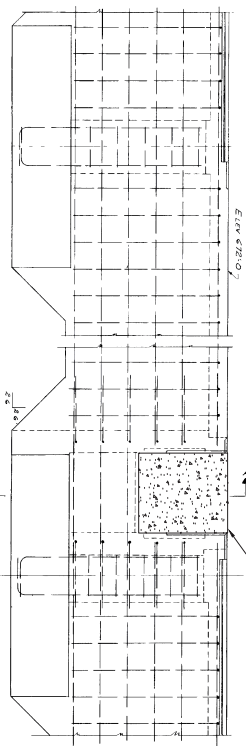
NAME: CHIEFS ASSOCIATES, INC. ADDRESS: 1000 SOUTH CENTRAL CITY: HOUSTON, TEXAS 77019 PHONE: 713-556-1111	
DATE: 02-02-80 BY: WJH	REVISION:
1. CHIEFS ASSOCIATES, INC. 2. APPROVED TITLE I 3. APPROVED TITLE II 4. APPROVED TITLE III 5. APPROVED TITLE IV 6. APPROVED TITLE V 7. APPROVED TITLE VI 8. APPROVED TITLE VII 9. APPROVED TITLE VIII 10. APPROVED TITLE IX 11. APPROVED TITLE X 12. APPROVED TITLE XI 13. APPROVED TITLE XII 14. APPROVED TITLE XIII 15. APPROVED TITLE XIV 16. APPROVED TITLE XV 17. APPROVED TITLE XVI 18. APPROVED TITLE XVII 19. APPROVED TITLE XVIII 20. APPROVED TITLE XIX 21. APPROVED TITLE XX 22. APPROVED TITLE XXI 23. APPROVED TITLE XXII 24. APPROVED TITLE XXIII 25. APPROVED TITLE XXIV 26. APPROVED TITLE XXV 27. APPROVED TITLE XXVI 28. APPROVED TITLE XXVII 29. APPROVED TITLE XXVIII 30. APPROVED TITLE XXIX 31. APPROVED TITLE XXX 32. APPROVED TITLE XXXI 33. APPROVED TITLE XXXII 34. APPROVED TITLE XXXIII 35. APPROVED TITLE XXXIV 36. APPROVED TITLE XXXV 37. APPROVED TITLE XXXVI 38. APPROVED TITLE XXXVII 39. APPROVED TITLE XXXVIII 40. APPROVED TITLE XXXIX 41. APPROVED TITLE XL 42. APPROVED TITLE XLI 43. APPROVED TITLE XLII 44. APPROVED TITLE XLIII 45. APPROVED TITLE XLIV 46. APPROVED TITLE XLV 47. APPROVED TITLE XLVI 48. APPROVED TITLE XLVII 49. APPROVED TITLE XLVIII 50. APPROVED TITLE XLIX 51. APPROVED TITLE L 52. APPROVED TITLE LI 53. APPROVED TITLE LII 54. APPROVED TITLE LIII 55. APPROVED TITLE LIV 56. APPROVED TITLE LV 57. APPROVED TITLE LVI 58. APPROVED TITLE LVII 59. APPROVED TITLE LVIII 60. APPROVED TITLE LIX 61. APPROVED TITLE LX 62. APPROVED TITLE LXI 63. APPROVED TITLE LXII 64. APPROVED TITLE LXIII 65. APPROVED TITLE LXIV 66. APPROVED TITLE LXV 67. APPROVED TITLE LXVI 68. APPROVED TITLE LXVII 69. APPROVED TITLE LXVIII 70. APPROVED TITLE LXIX 71. APPROVED TITLE LXX 72. APPROVED TITLE LXXI 73. APPROVED TITLE LXXII 74. APPROVED TITLE LXXIII 75. APPROVED TITLE LXXIV 76. APPROVED TITLE LXXV 77. APPROVED TITLE LXXVI 78. APPROVED TITLE LXXVII 79. APPROVED TITLE LXXVIII 80. APPROVED TITLE LXXIX 81. APPROVED TITLE LXXX 82. APPROVED TITLE LXXXI 83. APPROVED TITLE LXXXII 84. APPROVED TITLE LXXXIII 85. APPROVED TITLE LXXXIV 86. APPROVED TITLE LXXXV 87. APPROVED TITLE LXXXVI 88. APPROVED TITLE LXXXVII 89. APPROVED TITLE LXXXVIII 90. APPROVED TITLE LXXXIX 91. APPROVED TITLE LXXXX 92. APPROVED TITLE LXXXXI 93. APPROVED TITLE LXXXXII 94. APPROVED TITLE LXXXXIII 95. APPROVED TITLE LXXXXIV 96. APPROVED TITLE LXXXXV 97. APPROVED TITLE LXXXXVI 98. APPROVED TITLE LXXXXVII 99. APPROVED TITLE LXXXXVIII 100. APPROVED TITLE LXXXXIX 101. APPROVED TITLE LXXXXX 102. APPROVED TITLE LXXXXXI 103. APPROVED TITLE LXXXXXII 104. APPROVED TITLE LXXXXXIII 105. APPROVED TITLE LXXXXXIV 106. APPROVED TITLE LXXXXXV 107. APPROVED TITLE LXXXXXVI 108. APPROVED TITLE LXXXXXVII 109. APPROVED TITLE LXXXXXVIII 110. APPROVED TITLE LXXXXXIX 111. APPROVED TITLE LXXXXXX 112. APPROVED TITLE LXXXXXXI 113. APPROVED TITLE LXXXXXXII 114. APPROVED TITLE LXXXXXXIII 115. APPROVED TITLE LXXXXXXIV 116. APPROVED TITLE LXXXXXXV 117. APPROVED TITLE LXXXXXXVI 118. APPROVED TITLE LXXXXXXVII 119. APPROVED TITLE LXXXXXXVIII 120. APPROVED TITLE LXXXXXXIX 121. APPROVED TITLE LXXXXXXX 122. APPROVED TITLE LXXXXXXXI 123. APPROVED TITLE LXXXXXXII 124. APPROVED TITLE LXXXXXXIII 125. APPROVED TITLE LXXXXXXIV 126. APPROVED TITLE LXXXXXXV 127. APPROVED TITLE LXXXXXXVI 128. APPROVED TITLE LXXXXXXVII 129. APPROVED TITLE LXXXXXXVIII 130. APPROVED TITLE LXXXXXXIX 131. APPROVED TITLE LXXXXXXX 132. APPROVED TITLE LXXXXXXXI 133. APPROVED TITLE LXXXXXXII 134. APPROVED TITLE LXXXXXXIII 135. APPROVED TITLE LXXXXXXIV 136. APPROVED TITLE LXXXXXXV 137. APPROVED TITLE LXXXXXXVI 138. APPROVED TITLE LXXXXXXVII 139. APPROVED TITLE LXXXXXXVIII 140. APPROVED TITLE LXXXXXXIX 141. APPROVED TITLE LXXXXXXX 142. APPROVED TITLE LXXXXXXXI 143. APPROVED TITLE LXXXXXXII 144. APPROVED TITLE LXXXXXXIII 145. APPROVED TITLE LXXXXXXIV 146. APPROVED TITLE LXXXXXXV 147. APPROVED TITLE LXXXXXXVI 148. APPROVED TITLE LXXXXXXVII 149. APPROVED TITLE LXXXXXXVIII 150. APPROVED TITLE LXXXXXXIX 151. APPROVED TITLE LXXXXXXX 152. APPROVED TITLE LXXXXXXXI 153. APPROVED TITLE LXXXXXXII 154. APPROVED TITLE LXXXXXXIII 155. APPROVED TITLE LXXXXXXIV 156. APPROVED TITLE LXXXXXXV 157. APPROVED TITLE LXXXXXXVI 158. APPROVED TITLE LXXXXXXVII 159. APPROVED TITLE LXXXXXXVIII 160. APPROVED TITLE LXXXXXXIX 161. APPROVED TITLE LXXXXXXX 162. APPROVED TITLE LXXXXXXXI 163. APPROVED TITLE LXXXXXXII 164. APPROVED TITLE LXXXXXXIII 165. APPROVED TITLE LXXXXXXIV 166. APPROVED TITLE LXXXXXXV 167. APPROVED TITLE LXXXXXXVI 168. APPROVED TITLE LXXXXXXVII 169. APPROVED TITLE LXXXXXXVIII 170. APPROVED TITLE LXXXXXXIX 171. APPROVED TITLE LXXXXXXX 172. APPROVED TITLE LXXXXXXXI 173. APPROVED TITLE LXXXXXXII 174. APPROVED TITLE LXXXXXXIII 175. APPROVED TITLE LXXXXXXIV 176. APPROVED TITLE LXXXXXXV 177. APPROVED TITLE LXXXXXXVI 178. APPROVED TITLE LXXXXXXVII 179. APPROVED TITLE LXXXXXXVIII 180. APPROVED TITLE LXXXXXXIX 181. APPROVED TITLE LXXXXXXX 182. APPROVED TITLE LXXXXXXXI 183. APPROVED TITLE LXXXXXXII 184. APPROVED TITLE LXXXXXXIII 18	



PLAN AT LOADING PLATFORM

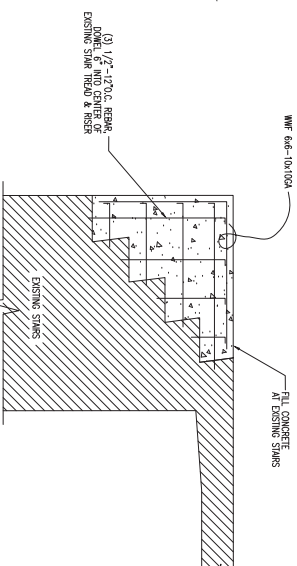


TYPICAL CONCRETE REINFORCEMENT
ELEVATION VIEW



SECTION C-55

(GRADE WALL DETAILS AT TRUCK ALLEY LOADING PLATFORM)

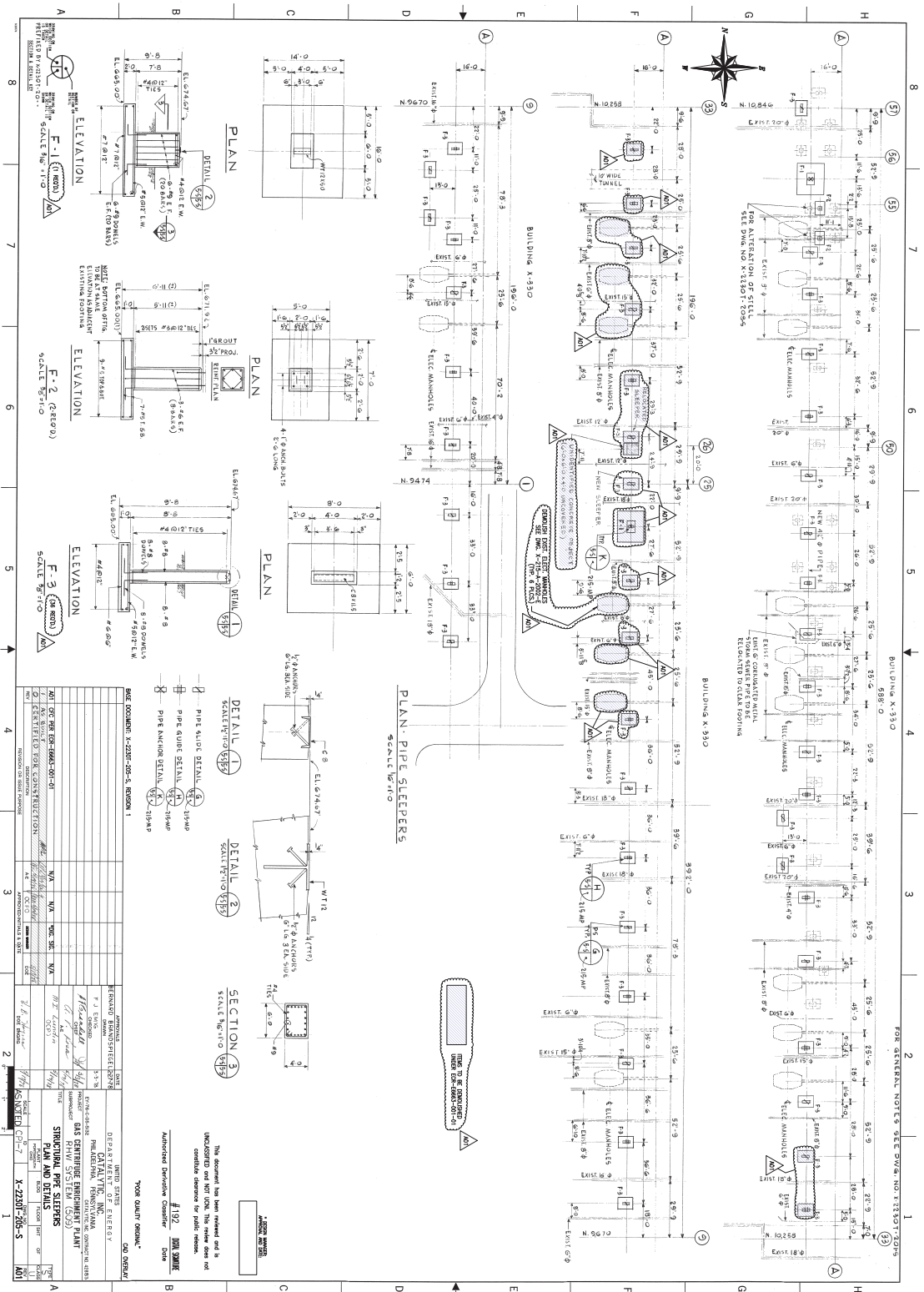


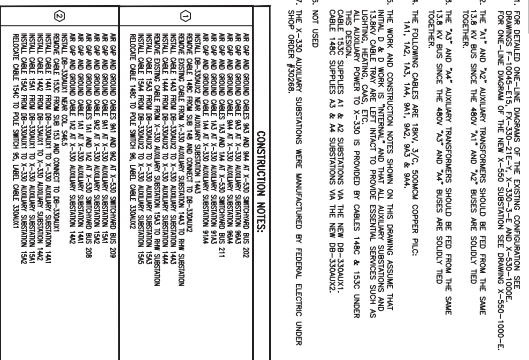
SECTION A-A
SCALE: N.T.S.

DEMOLITION NOTES:

- [illegible]

[illegible]







GROUND FLOOR PLAN

REVIEWED FOR CLASSIFICATION
CLASSIFICATION: UNCLASSIFIED
DATE: 4/10/79
BY: SP-6 JMS/STP

Small text at bottom right:

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-19-2008 BY [signature]
AUTHORITY: [signature] AUC 6073
REVIEW DATE: 3/7/2008

APPROVED FOR RELEASE
DATE 11-19-80
BY SP-8
11/19/80

[illegible]

REPORT OF _____

PROJECT NO. 4857

PPG-13 EN140



KEY PLAN

2. $2\pi \times 10^{-10}$ m

[illegible]

GLASSARY POWER AND THE ACCIDENTAL

[illegible]

Figure 1: Schematic diagram of the experimental setup. A subject is seated at a table, viewing a video screen. A video camera is positioned above the screen. A horizontal line is drawn on the screen, with a vertical line intersecting it. The horizontal line is labeled '2.00 m' and the vertical line is labeled '0.50 m'. The distance from the subject's eye to the screen is labeled '0.50 m'. The distance from the video camera to the screen is labeled '0.50 m'. The distance from the subject's eye to the video camera is labeled '1.00 m'.

ANSWER: 1.27000×10^{-10} m

☐ **CONFECTION: WHITE**

☒ **ALLIGATOR MOUNT COMPOUND (FOR A LITTLE MORE)**

NAME _____
ADDRESS _____
CITY _____
STATE _____
ZIP _____
PHONE _____

2020-2021-2022

2020-2021-2022

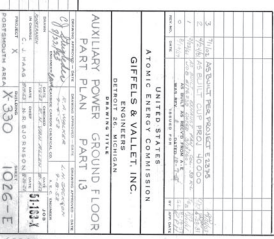
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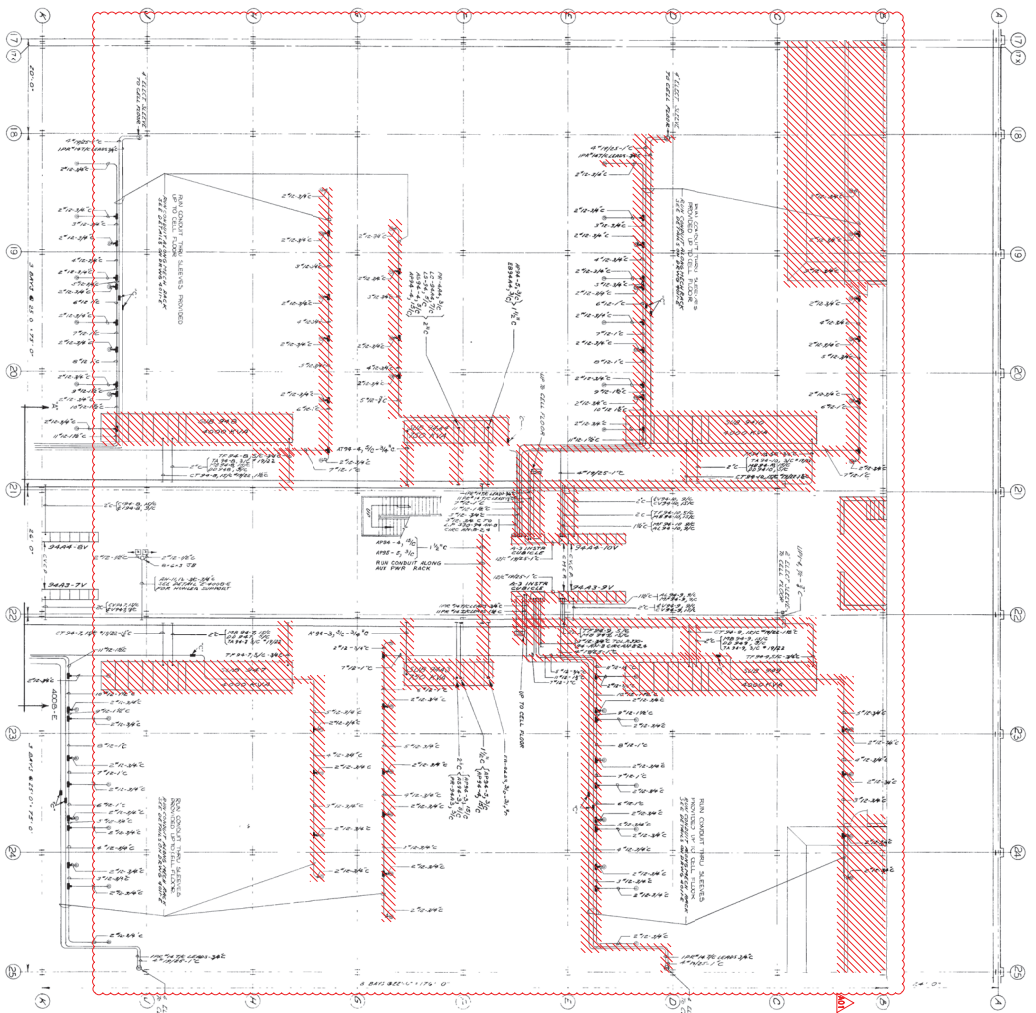
BOOKS RECEIVED
1990-1991

PROBABLY THE BEST
ALTERNATIVE SOURCE FOR

SYMBOLIS







REMOVE ALL EXISTING STRUCTURE, REMOVE AND RECONSTRUCT
WEST OF COLUMN LINE 11

NOTE:
1. ALL EXISTING STRUCTURE TO BE REMOVED AND RECONSTRUCTED
2. ALL EXISTING STRUCTURE TO BE REMOVED AND RECONSTRUCTED

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This document has been reviewed and is
UNCLASSIFIED and NOT FOR PUBLIC RELEASE
does not contain information for public
release

192 1000000

MAINTENANCE DIVISION

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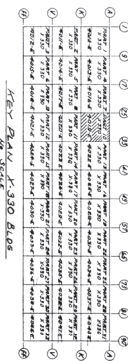
CONSTRUCTION DIVISION

CONSTRUCTION DIVISION

CONSTRUCTION DIVISION

CONSTRUCTION DIVISION

CONSTRUCTION DIVISION



NOTE:
ALL CABLES ENTERING CABLE TROUSERS AND "J" BOX CONNECTIONS
W/IN THE CABLES MUST BE IDENTIFIED IMMEDIATELY ON THE DRAWING.

KEY PLAN X-330 BLDG
40 SCALE

This document has been reviewed and is UNCLASSIFIED and NOT UCL. This review does not constitute clearance for public release.

Aufbruchzeit	Durchlaufzeit	Chargenzeit	#192	IGFA SENIOR
				Probe

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NOTE
ALL CABLES ENTERING CABLE TRUNK ARE #13/25 CONDUCTOR
WIRE UNLESS OTHERWISE SHOWN ON THE DRAWING.

KEY PLAN X-330 BLDG
NORTH ARROW

This document has been reviewed and is UNCLASSIFIED and NOT UCNL. This review does not constitute clearance for public

II. 1. 2. 3.	Date
Authorized Derivative Classifier	Date

POOR QUALITY ORIGINAL

DOCUMENT: X-370-4022-E, REVISION: 0 CAD OVERLAY

[illegible][illegible][illegible]

1	PER ESO E665-001	002, 90
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DATE	NAME	ADDRESS	CITY	STATE

ATOMIC ENERGY COMMISSION
CHINESE NATIONALITY INC.

OFFICE & ADDRESS
ADMINISTRATIVE
DEPARTMENT

CONTROL AND INSTRUMENTATION

GROUND FLOOR PLAN PART 13

R. J. STEIGLEDER
8-1-53
GRADUATE ENGINEER
GENERAL ELECTRIC COMPANY

R. A. WALKER
8-18-53
ENGINEER
GENERAL ELECTRIC COMPANY

R. B. SOMERS
8-19-53
A. S. E. ENGINEER
GENERAL ELECTRIC COMPANY

DATE	12-1-80	DATE RECEIVED	1-2-81	DATE	1-2-81
I.S.	1-4-81	T. MOMENEE			51-163-X
DATE	1-4-81	DATE	1-2-81		

1. WORKETTER	Page 4	M.R. BOBINSON	Page 4
2. ABOUT X ₂	Page 4	Y-330-4022-F	AM1

CRIMMOUTH AREA	X-200-4022-L	AD1
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DESIGN MANAGER: APPROVAL AND DATE:

ATTORNEY: **STERNBERG & VALLETT, INC.**
 200 WEST 10TH STREET
 NEW YORK, N.Y. 10011
 TEL. (212) 361-1000

CONTRACT NO. **100-1072-2** PROJECT NO. **100-1072-2**

CONTRACT DATE **11-18-53** PROJECT DATE **11-18-53**

CONTRACT VALUE **\$1,183,500.00** PROJECT VALUE **\$1,183,500.00**

CONTRACT TYPE **GENERAL CONTRACT** PROJECT TYPE **GENERAL CONTRACT**

CONTRACT LOCATION **NEW YORK, N.Y.** PROJECT LOCATION **NEW YORK, N.Y.**

CONTRACT DESCRIPTION **RECONSTRUCTION OF 100-1072-2** PROJECT DESCRIPTION **RECONSTRUCTION OF 100-1072-2**

CONTRACT OWNER **U.S. ARMY** PROJECT OWNER **U.S. ARMY**

CONTRACT ADDRESS **100-1072-2** PROJECT ADDRESS **100-1072-2**

CONTRACT CITY **NEW YORK** PROJECT CITY **NEW YORK**

CONTRACT STATE **N.Y.** PROJECT STATE **N.Y.**

CONTRACT COUNTRY **U.S.A.** PROJECT COUNTRY **U.S.A.**

CONTRACT ZIP **10011** PROJECT ZIP **10011**

CONTRACT PHONE **212-361-1000** PROJECT PHONE **212-361-1000**

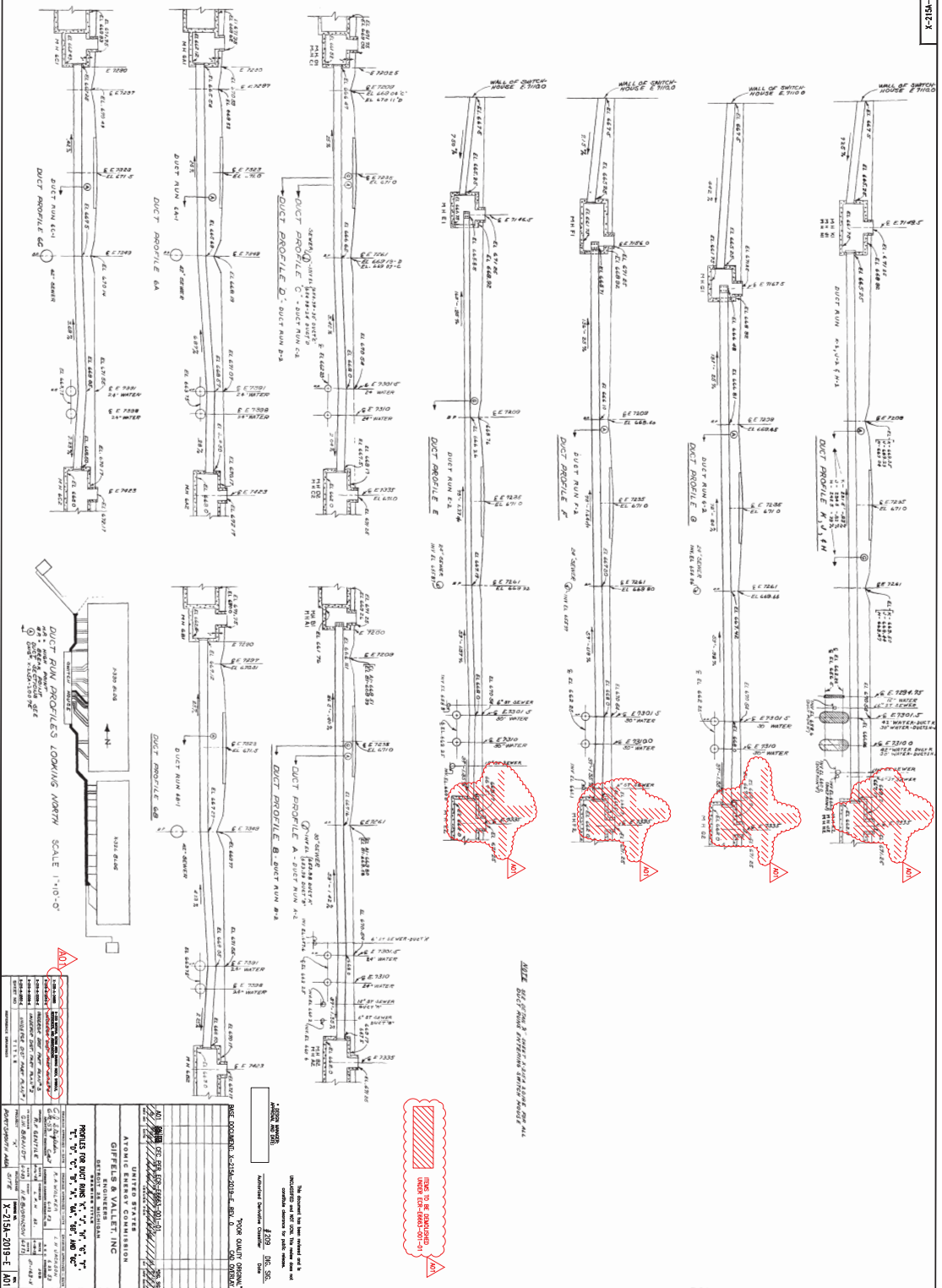
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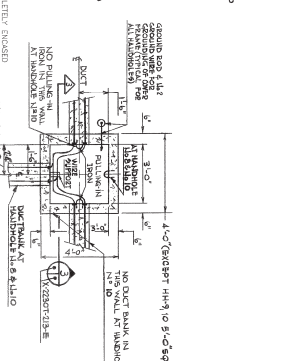
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CONTRACT WEBSITE PROJECT WEBSITE

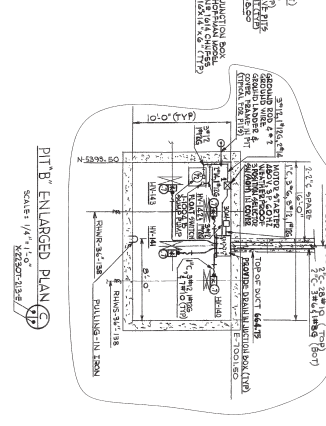
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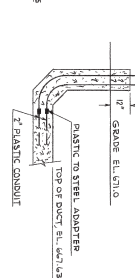
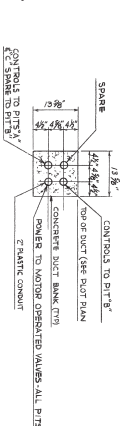


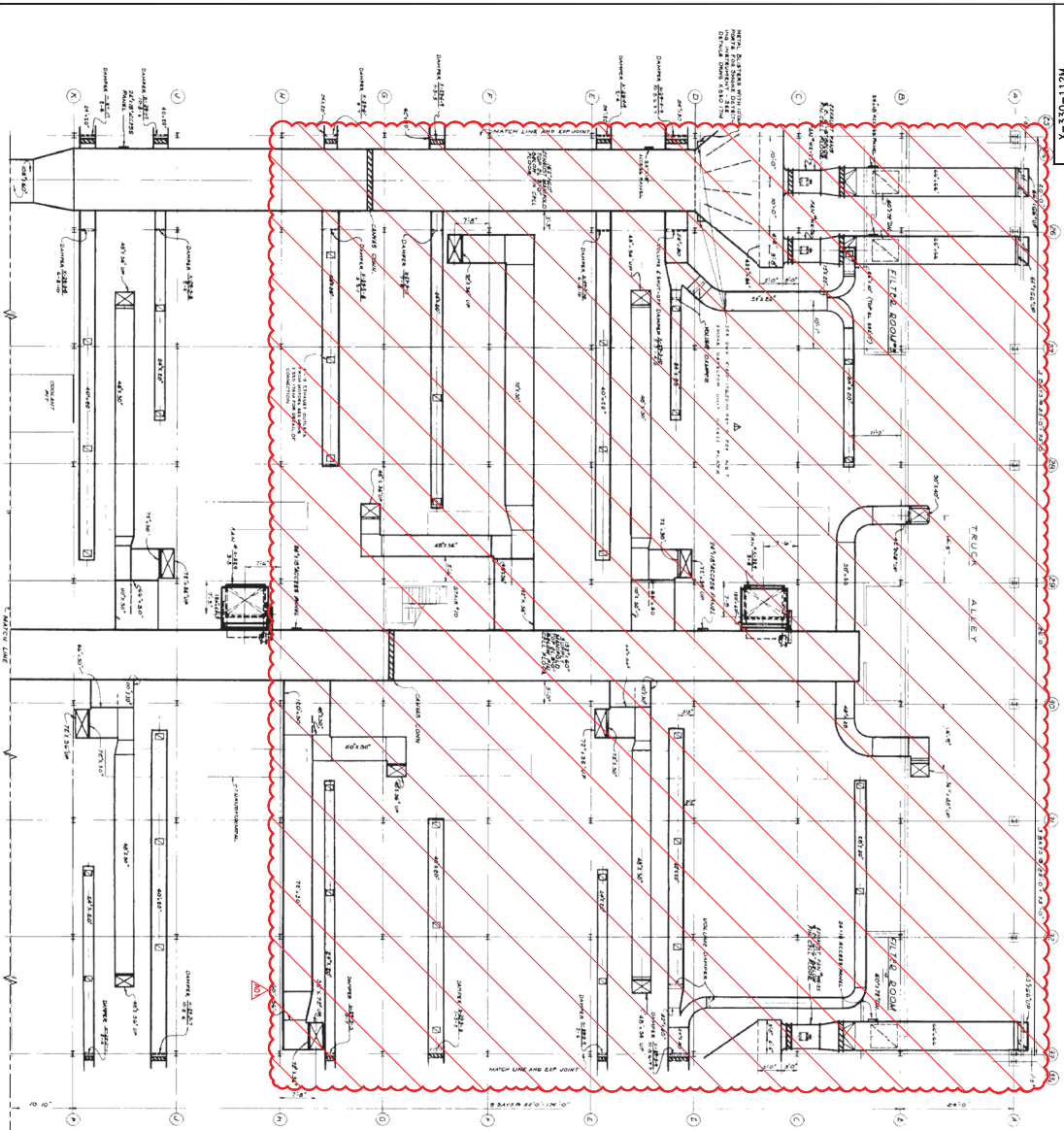


1. CONDUIT SHALL BE SUPPORTED ON PIPE OR BRACKET. CONDUIT SHALL BE SUPPORTED BY BRACKET EVERY 10 FEET AS REQUIRED BY NEC.
2. FOR ADDITIONAL TOLERANCES SEE DWG NO. X-30-201-6.
3. DUCT MAY BE CORROSION AND ROAD DAMAGE TO BE REINFORCED & SHALL BE RIGID STEEL CONDUIT FOR A MINIMUM OF 4" ON BOTH SIDES OF ROAD.
4. TOP OF DUCT/ROAD ELEMENTS ARE TO BE VERIFIED AGAINST DESIGN ELEVATIONS IN FIELD.
5. FOR VALVE PIT DETAILS & LOCATION OF FILL/BLIND SEE STRUCTURAL DWGS X-30-206-4 & X-30-201-2.
6. DUCT SHALL HAVE MINIMUM COVERAGE OF 2'.



-
- NOTE: To be successful, you must be at least 18 years old and have a valid driver's license. For more information, call 1-800-888-0010.

[illegible]



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REVISION NOTE

1. ALL ROOMS AND AREAS WITHIN ROOM 1 AND 17-20 TO BE REMOVED AND REPLACED WITH EXISTING ROOMS.
2. FLOOR ROOM 2, 3, AND 4 TO BE REMOVED AND FLOOR IN.
3. REMOVAL TO BE REMOVED UNDER SPECIFICATION 40.

SCALE: 1/8" = 1'-0"

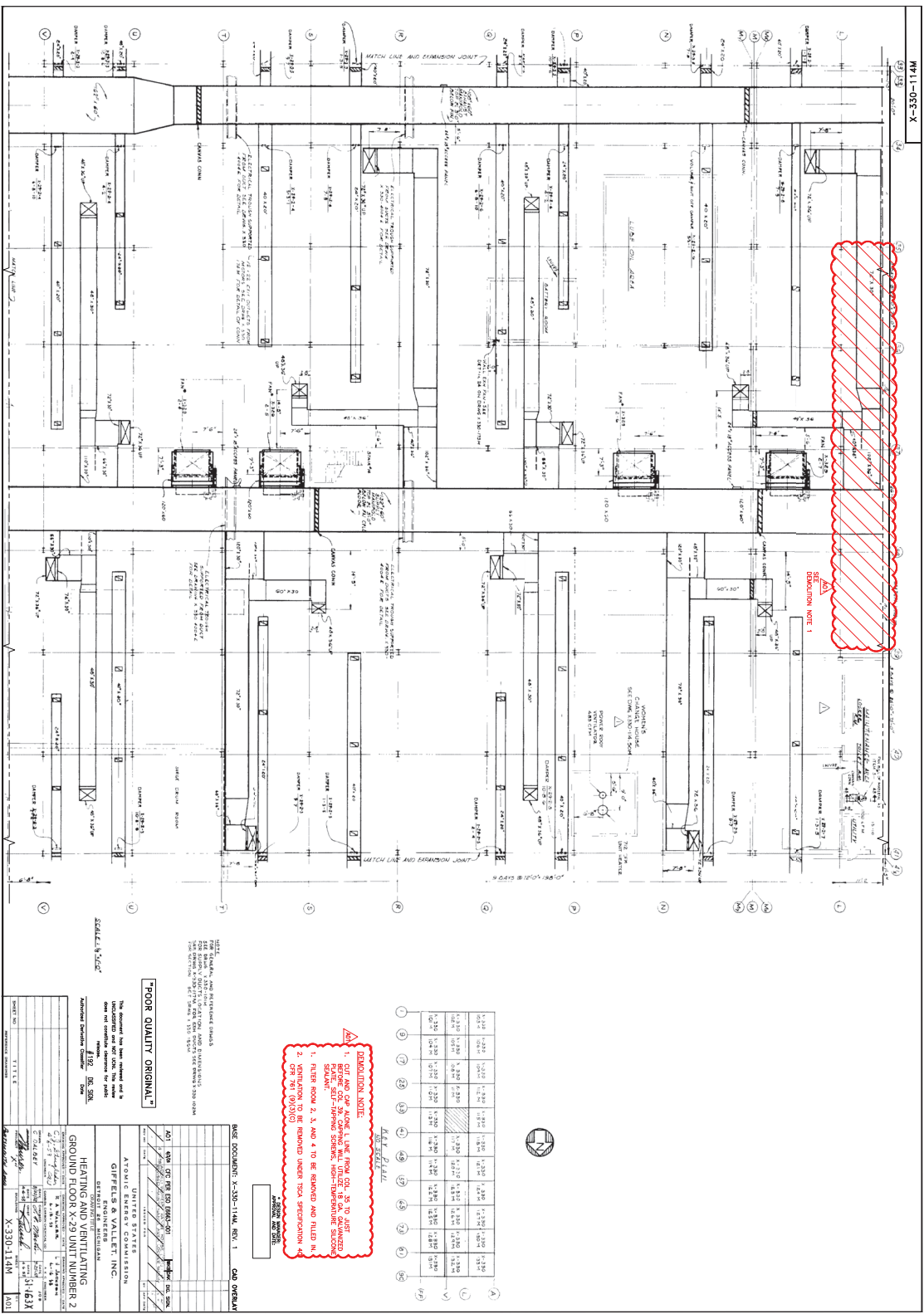
DATE: 10/1/2011

POOR QUALITY ORIGINAL

THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION OF ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.

NO.	DATE	DESCRIPTION	BY	CHKD.
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3	10/1/2011	REVISION 3	J. J. J.	J. J. J.
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99	10/1/2011	REVISION 99	J. J. J.	J. J. J.
100	10/1/2011	REVISION 100	J. J. J.	J. J. J.

HEATING AND VENTILATING
GROUND FLOOR X-29 UNIT NUMBER 3
X-330-112M





DEMOLITION NOTICE

1. ALL VENTILATION DUCT WITHIN GRID A-H AND 17-38 TO BE REMOVED AND CAPPED. CAPPING WILL UTILIZE 18 GA. GALVANIZED PLATE, SELF-DIPPING SCREWS, HIGH-TEMPERATURE SILICONE SEALANT.
2. FILTER ROOM 2, 3, AND 4 TO BE REMOVED AND FILED IN.
3. VENTILATION TO BE REMOVED UNDER TSCA SPECIFICATION 40 CFR 761.6(b)(3)(C)

NOTE
FOR GENERAL NOTES AND REFERENCE DRAGS
SEE DRAWG. X-330-101M
FOR DOCT LOCATION AND DIMENSIONS FOR
SUPPLY DUCTS SEE DRAWG. X-330-110M FOR
WELL DUCTS SEE DRAWG. X-330-120M

"POOR QUALITY ORIGINAL"

This document has been reviewed and is UNCLASSIFIED and NOT UCON. This review does not constitute clearance for public release.

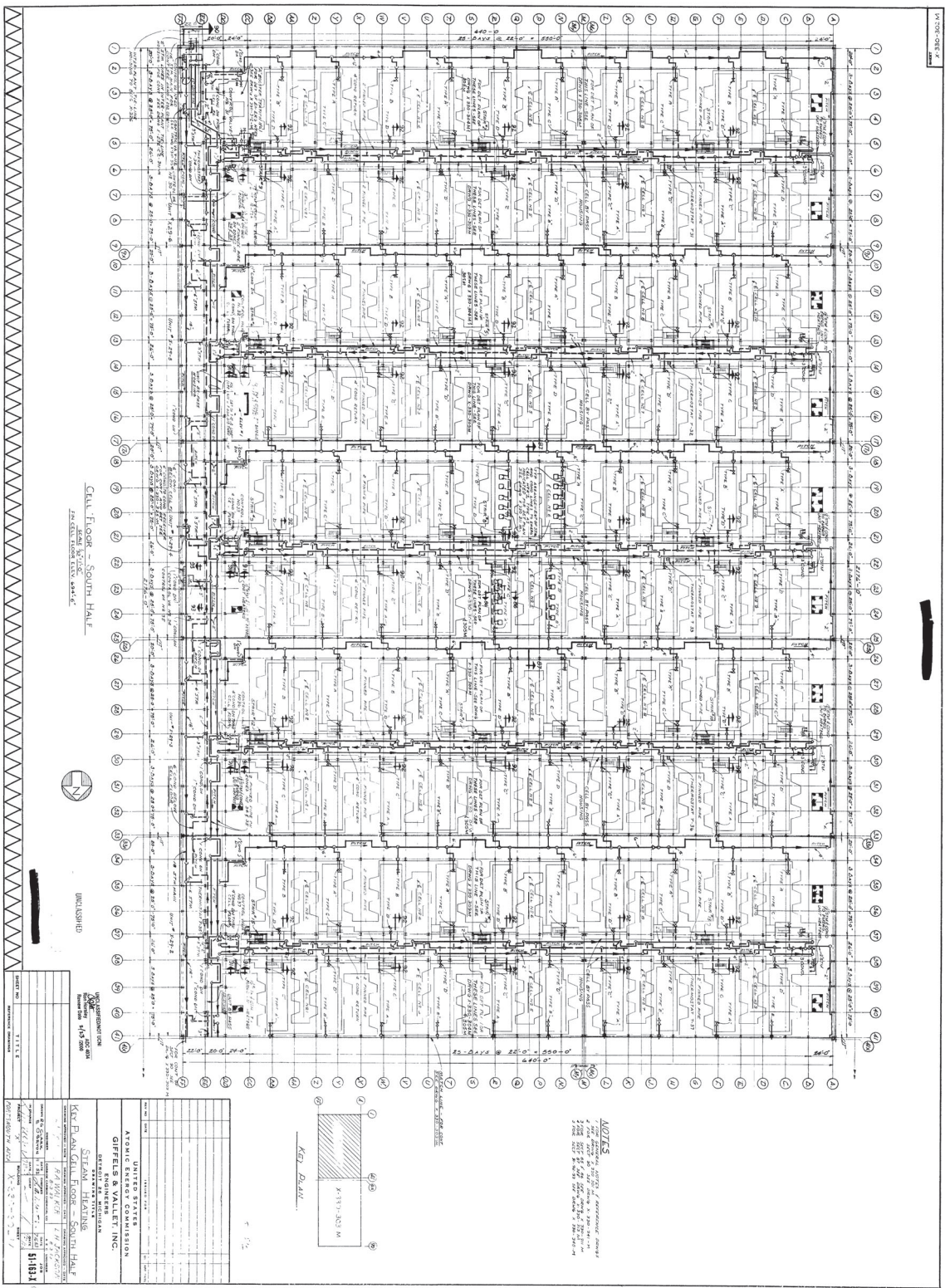
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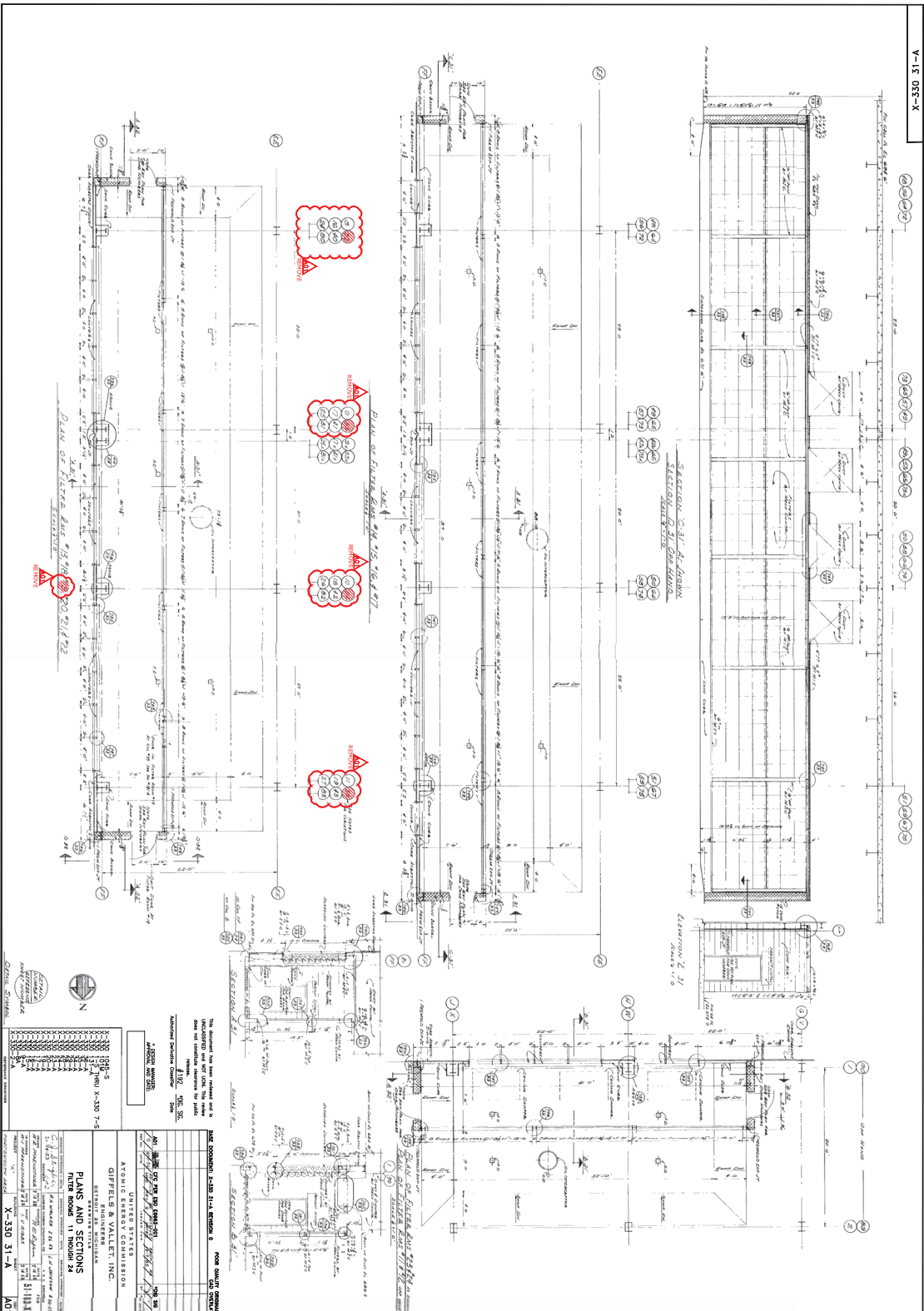
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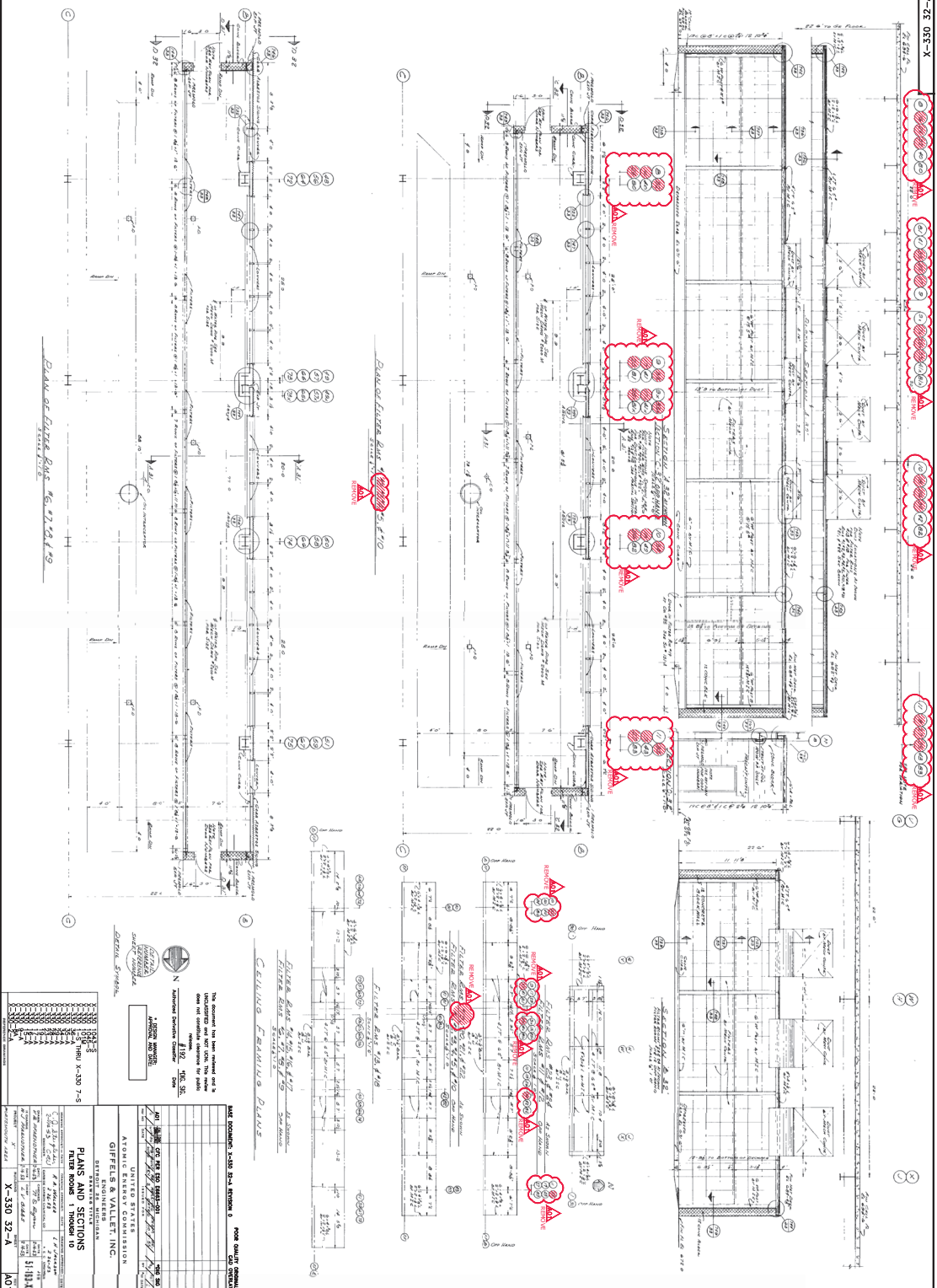
ATOMIC ENERGY COMMISSION
GIFFELS & VALLET, INC.
ENGINEERS
DETROIT 26, MICHIGAN
DRAWING TITLE
HEATING AND VENTILATING

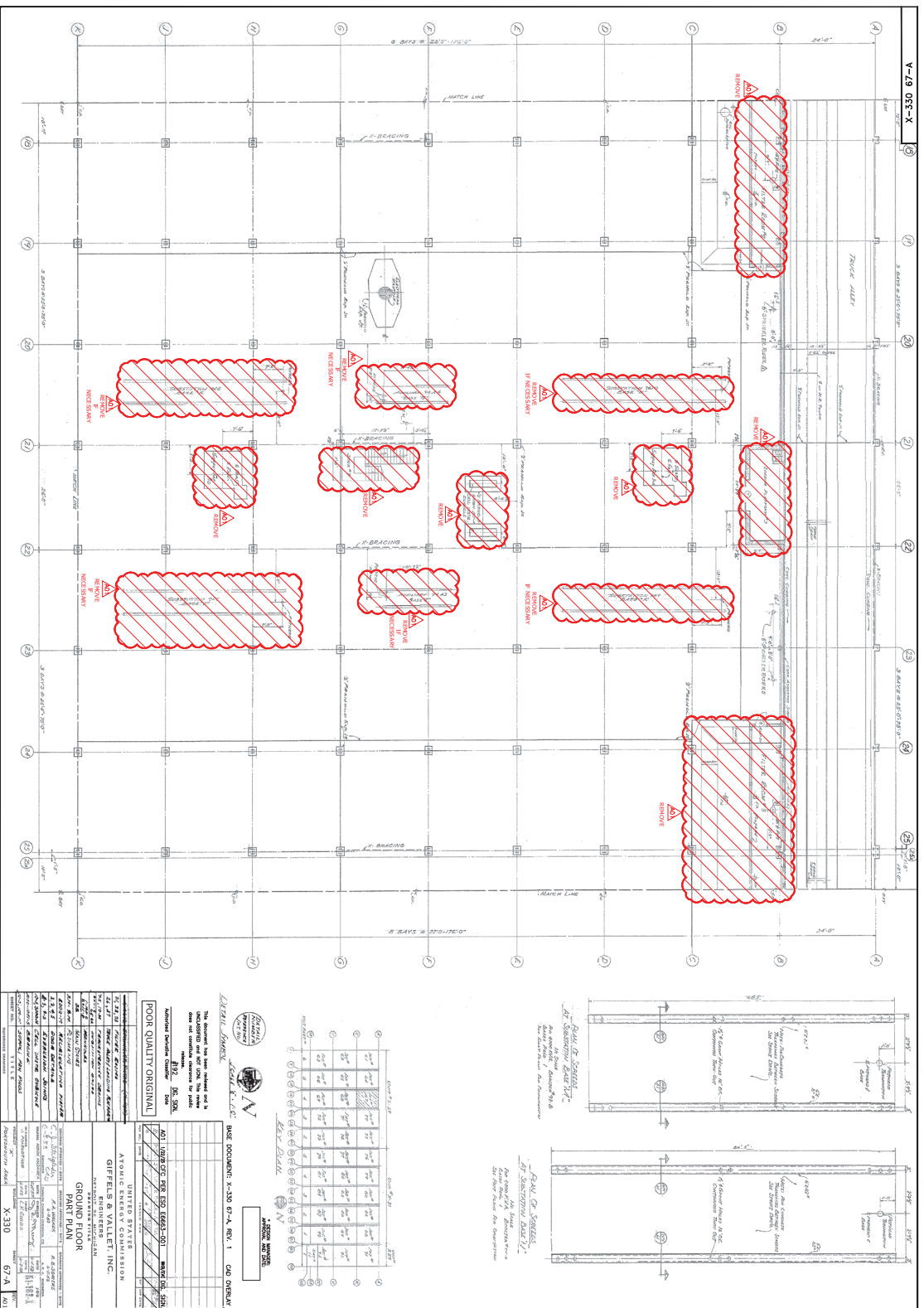
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GROUND FLOOR X-29 UNIT NUMBER 2

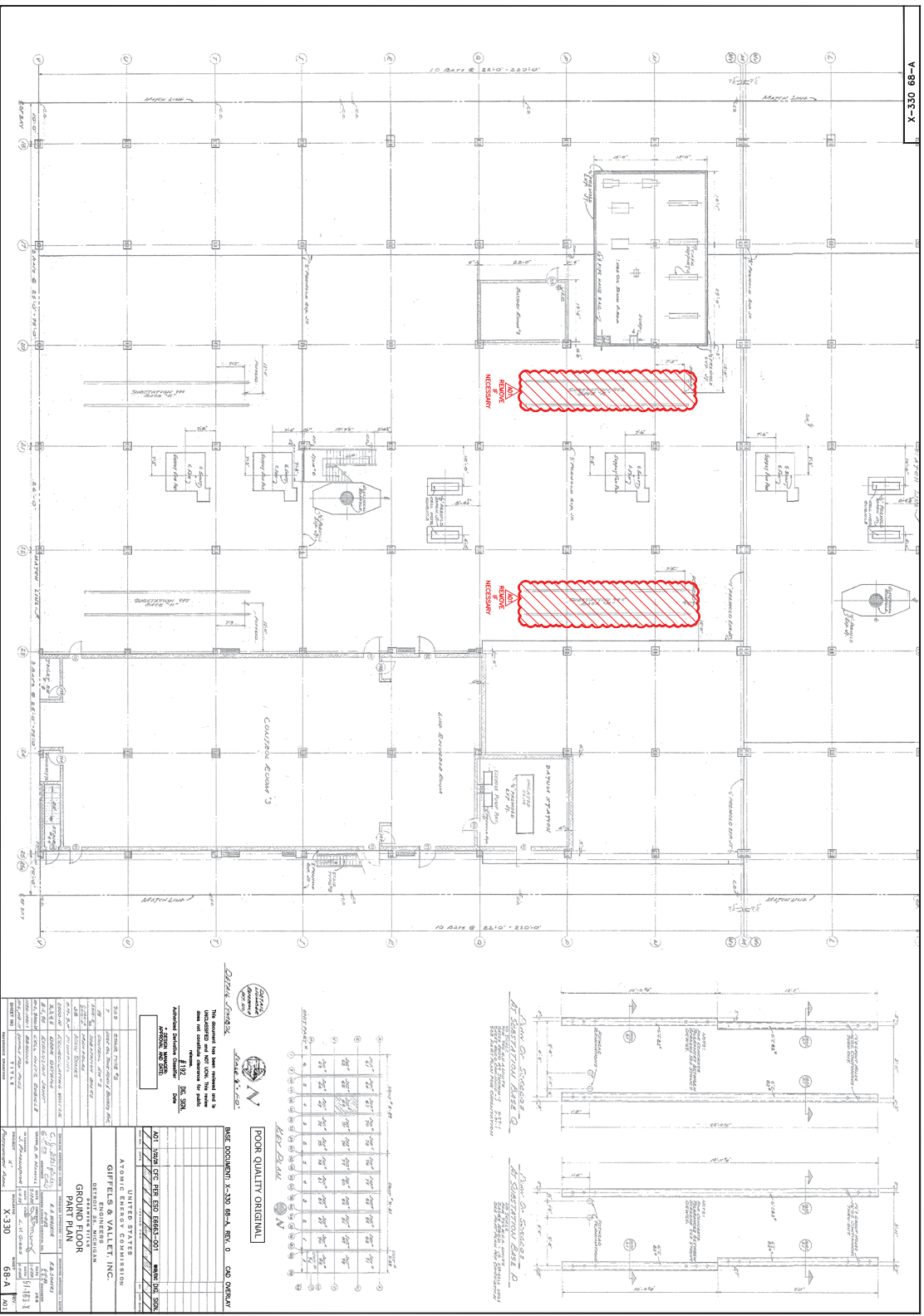
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REMARKS	4163X	REMARKS	4163X	REMARKS	4163X
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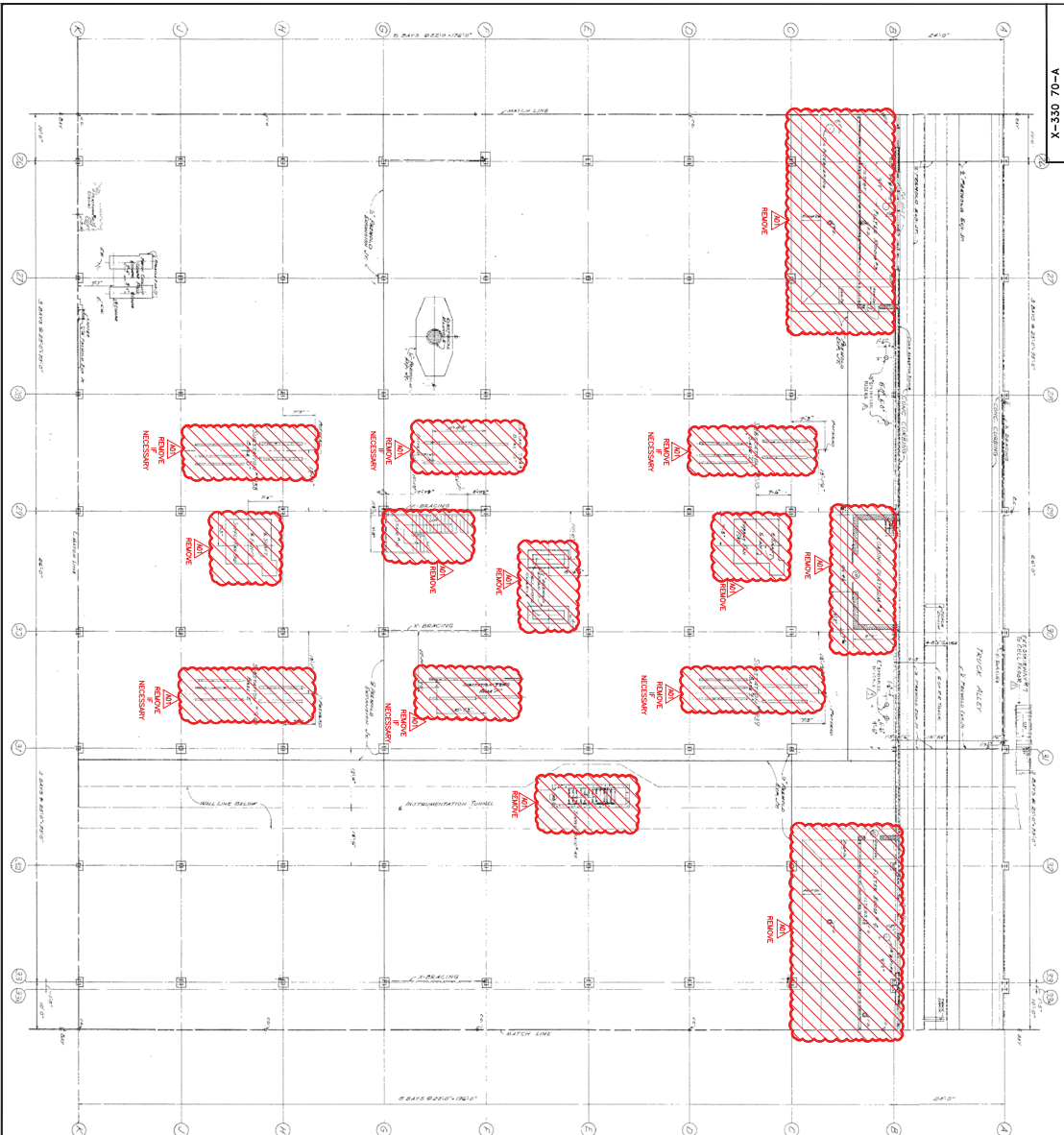








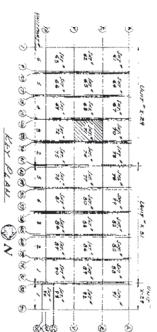
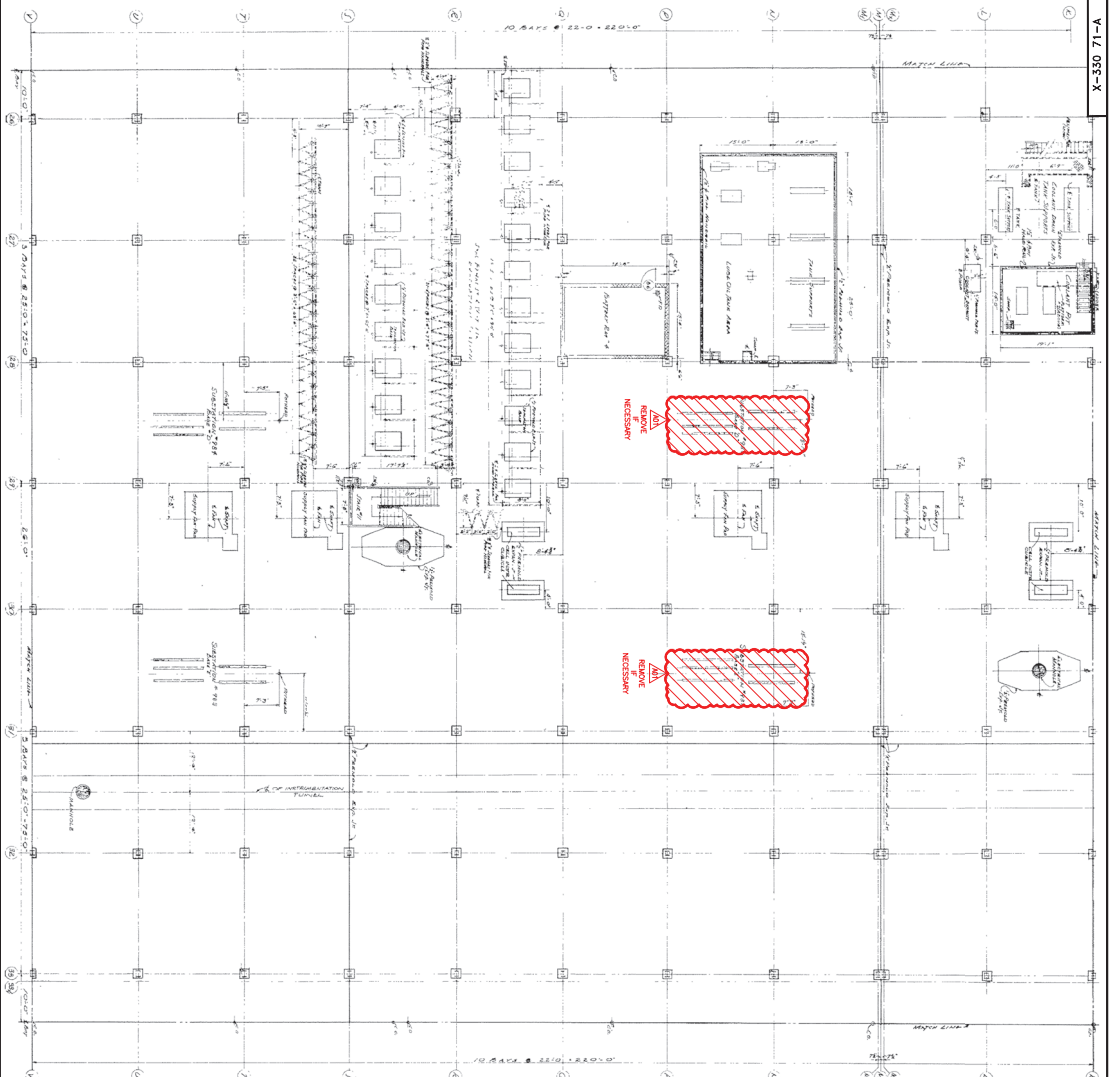




POOR QUALITY ORIGINAL

DATE DOCUMENT X-330 70-A REV. 1 000 ONLY

PROJECT NO. X-330 70-A	DATE OF ISSUE 11/1/70
PROJECT NAME GIPFELS & VALLEY INC.	DATE OF ISSUE 11/1/70
PROJECT LOCATION GIPFELS & VALLEY INC.	DATE OF ISSUE 11/1/70
PROJECT DESCRIPTION GIPFELS & VALLEY INC.	DATE OF ISSUE 11/1/70
PROJECT OWNER GIPFELS & VALLEY INC.	DATE OF ISSUE 11/1/70
PROJECT ARCHITECT GIPFELS & VALLEY INC.	DATE OF ISSUE 11/1/70
PROJECT ENGINEER GIPFELS & VALLEY INC.	DATE OF ISSUE 11/1/70
PROJECT CONTRACTOR GIPFELS & VALLEY INC.	DATE OF ISSUE 11/1/70
PROJECT SUBMITTER GIPFELS & VALLEY INC.	DATE OF ISSUE 11/1/70
PROJECT REVIEWER GIPFELS & VALLEY INC.	DATE OF ISSUE 11/1/70
PROJECT APPROVER GIPFELS & VALLEY INC.	DATE OF ISSUE 11/1/70
PROJECT DATE 11/1/70	DATE OF ISSUE 11/1/70






POOR QUALITY ORIGINAL

BASE DOCUMENT: X-330 71-A, REV. 0 CAD OVERLAY

• PERSONAL MANAGER
AND THE
TECHNOLOGY

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#192 DR. SCOTT
 Authorized Derivative Classifier Date

[illegible]

GIFFELS & VALLET, INC.

GROUND FLOOR
PART PLAN

[illegible]

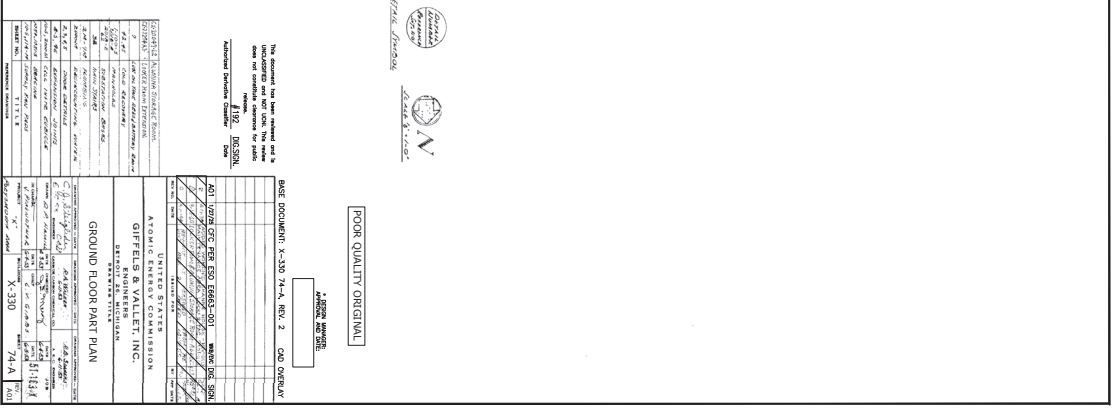
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Petersburg Area							

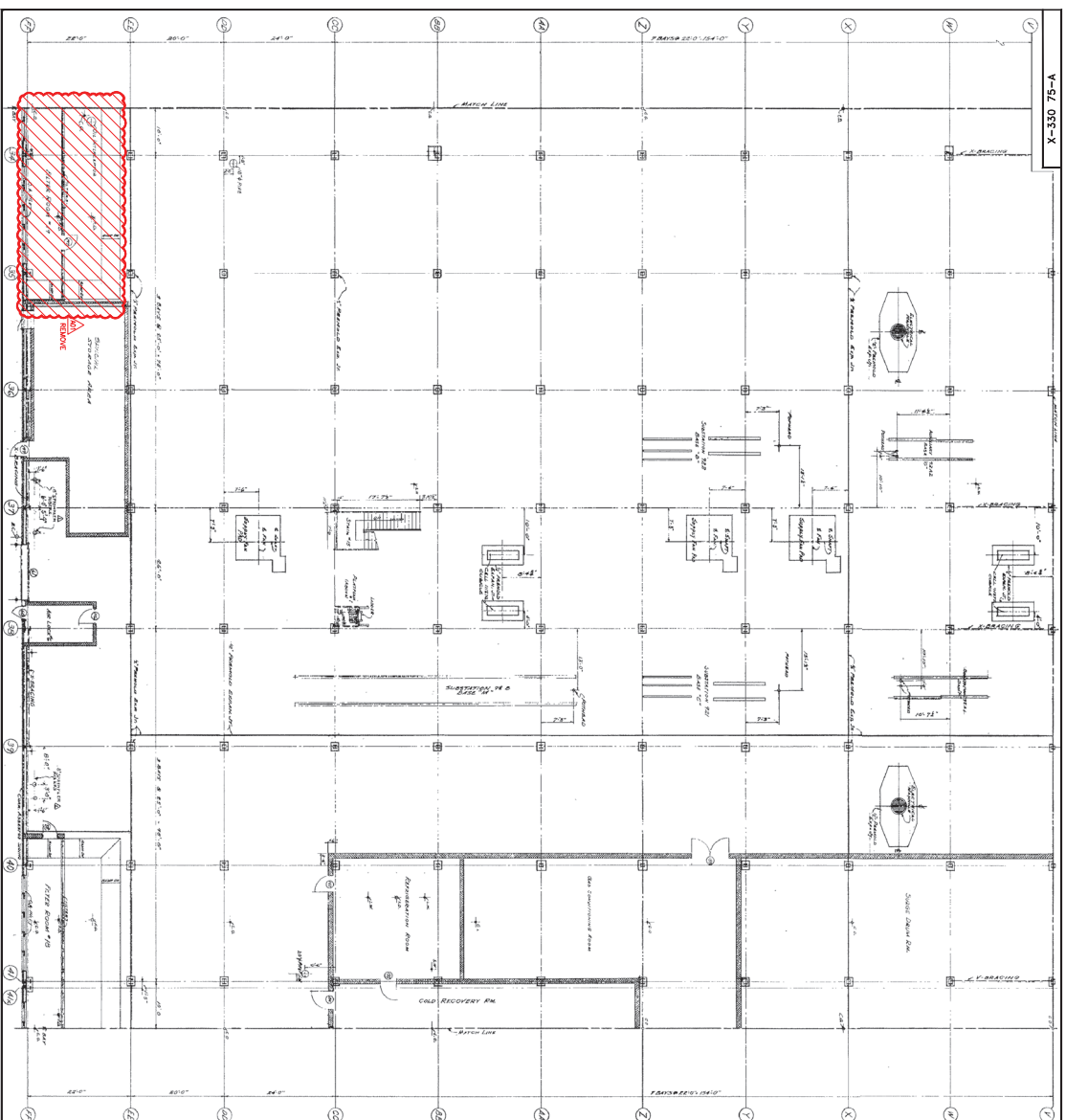


POOR QUALITY ORIGINAL

BRIDGE DOCUMENT ID: A-200-73-296, REV. 1	Q&A OVERVIEW
Q1: What is the purpose of this document?	A1: This document provides a summary of the project's goals and objectives.
Q2: How was the project organized?	A2: The project was organized into three main phases: planning, execution, and closure.
Q3: What were the key challenges faced during the project?	A3: The key challenges included budget constraints, resource allocation, and communication.
Q4: How were these challenges addressed?	A4: These challenges were addressed through careful planning, effective communication, and flexible resource management.
Q5: What were the final results of the project?	A5: The project was completed successfully, meeting all the goals and objectives.

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DETAIL SYMBOL

Scale 8" = 1'

POOR QUALITY ORIGINAL

* PERSON NUMBER:
ADDRESS AND DATE:

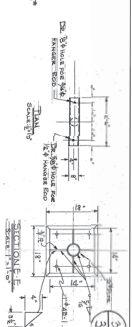
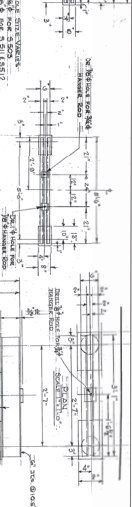
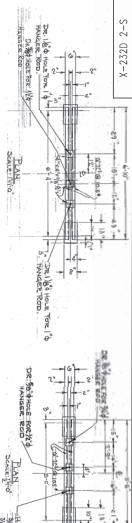
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#192 DIS. S/NL

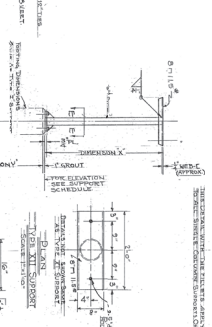
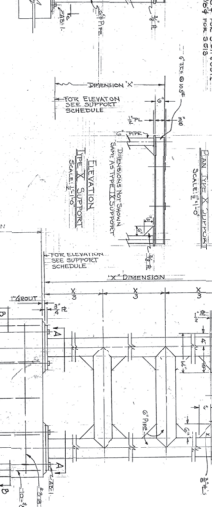
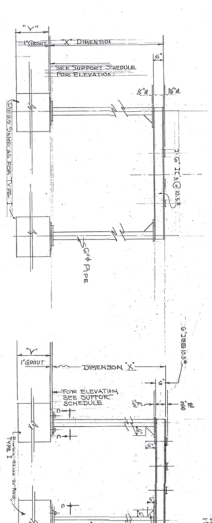
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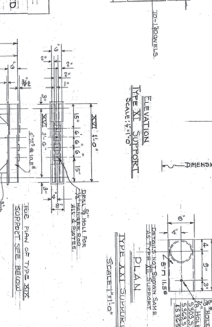
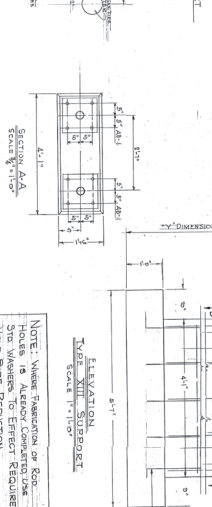
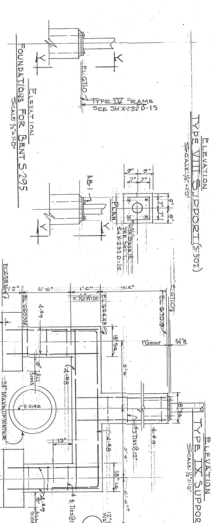
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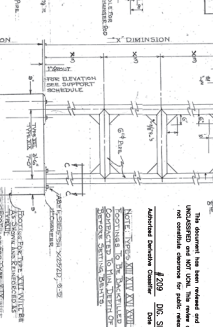
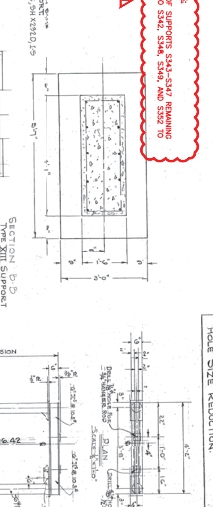
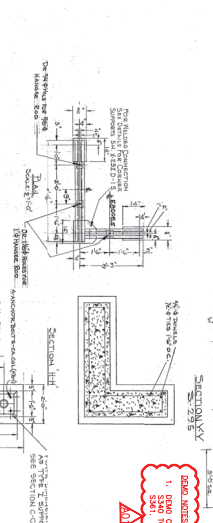
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1	STEEL PLATE 1/2" THICK	10	SQ. FT.	1.50
2	STEEL PLATE 1/4" THICK	20	SQ. FT.	0.75
3	STEEL PLATE 1/8" THICK	30	SQ. FT.	0.38
4	STEEL PLATE 1/4" THICK	40	SQ. FT.	0.75
5	STEEL PLATE 1/8" THICK	50	SQ. FT.	0.38
6	STEEL PLATE 1/4" THICK	60	SQ. FT.	0.75
7	STEEL PLATE 1/8" THICK	70	SQ. FT.	0.38
8	STEEL PLATE 1/4" THICK	80	SQ. FT.	0.75
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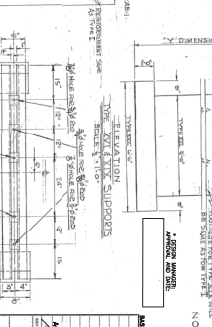
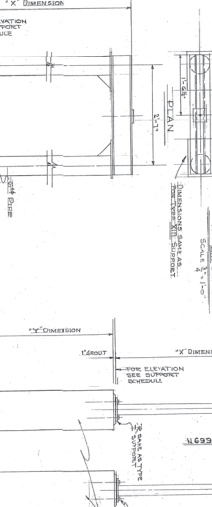
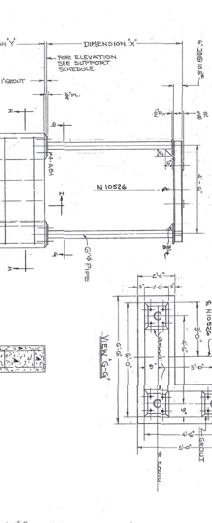
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13	STEEL PLATE 1/8" THICK	130	SQ. FT.	0.38
14	STEEL PLATE 1/4" THICK	140	SQ. FT.	0.75
15	STEEL PLATE 1/8" THICK	150	SQ. FT.	0.38
16	STEEL PLATE 1/4" THICK	160	SQ. FT.	0.75
17	STEEL PLATE 1/8" THICK	170	SQ. FT.	0.38
18	STEEL PLATE 1/4" THICK	180	SQ. FT.	0.75
19	STEEL PLATE 1/8" THICK	190	SQ. FT.	0.38
20	STEEL PLATE 1/4" THICK	200	SQ. FT.	0.75



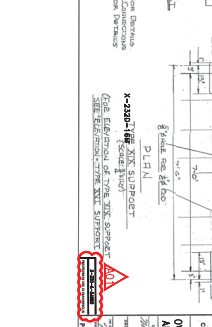
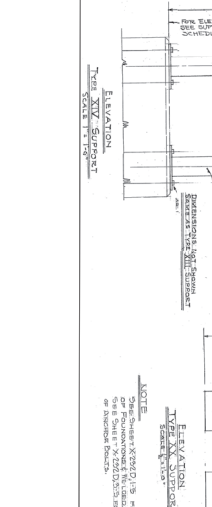
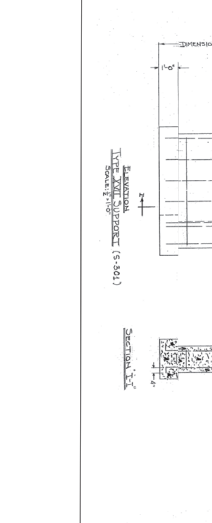
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23	STEEL PLATE 1/8" THICK	230	SQ. FT.	0.38
24	STEEL PLATE 1/4" THICK	240	SQ. FT.	0.75
25	STEEL PLATE 1/8" THICK	250	SQ. FT.	0.38
26	STEEL PLATE 1/4" THICK	260	SQ. FT.	0.75
27	STEEL PLATE 1/8" THICK	270	SQ. FT.	0.38
28	STEEL PLATE 1/4" THICK	280	SQ. FT.	0.75
29	STEEL PLATE 1/8" THICK	290	SQ. FT.	0.38
30	STEEL PLATE 1/4" THICK	300	SQ. FT.	0.75



ITEM	DESCRIPTION	QTY	UNIT	PRICE
31	STEEL PLATE 1/2" THICK	310	SQ. FT.	1.50
32	STEEL PLATE 1/4" THICK	320	SQ. FT.	0.75
33	STEEL PLATE 1/8" THICK	330	SQ. FT.	0.38
34	STEEL PLATE 1/4" THICK	340	SQ. FT.	0.75
35	STEEL PLATE 1/8" THICK	350	SQ. FT.	0.38
36	STEEL PLATE 1/4" THICK	360	SQ. FT.	0.75
37	STEEL PLATE 1/8" THICK	370	SQ. FT.	0.38
38	STEEL PLATE 1/4" THICK	380	SQ. FT.	0.75
39	STEEL PLATE 1/8" THICK	390	SQ. FT.	0.38
40	STEEL PLATE 1/4" THICK	400	SQ. FT.	0.75



ITEM	DESCRIPTION	QTY	UNIT	PRICE
41	STEEL PLATE 1/2" THICK	410	SQ. FT.	1.50
42	STEEL PLATE 1/4" THICK	420	SQ. FT.	0.75
43	STEEL PLATE 1/8" THICK	430	SQ. FT.	0.38
44	STEEL PLATE 1/4" THICK	440	SQ. FT.	0.75
45	STEEL PLATE 1/8" THICK	450	SQ. FT.	0.38
46	STEEL PLATE 1/4" THICK	460	SQ. FT.	0.75
47	STEEL PLATE 1/8" THICK	470	SQ. FT.	0.38
48	STEEL PLATE 1/4" THICK	480	SQ. FT.	0.75
49	STEEL PLATE 1/8" THICK	490	SQ. FT.	0.38
50	STEEL PLATE 1/4" THICK	500	SQ. FT.	0.75



ITEM	DESCRIPTION	QTY	UNIT	PRICE
51	STEEL PLATE 1/2" THICK	510	SQ. FT.	1.50
52	STEEL PLATE 1/4" THICK	520	SQ. FT.	0.75
53	STEEL PLATE 1/8" THICK	530	SQ. FT.	0.38
54	STEEL PLATE 1/4" THICK	540	SQ. FT.	0.75
55	STEEL PLATE 1/8" THICK	550	SQ. FT.	0.38
56	STEEL PLATE 1/4" THICK	560	SQ. FT.	0.75
57	STEEL PLATE 1/8" THICK	570	SQ. FT.	0.38
58	STEEL PLATE 1/4" THICK	580	SQ. FT.	0.75
59	STEEL PLATE 1/8" THICK	590	SQ. FT.	0.38
60	STEEL PLATE 1/4" THICK	600	SQ. FT.	0.75



ITEM	DESCRIPTION	QTY	UNIT	PRICE
61	STEEL PLATE 1/2" THICK	610	SQ. FT.	1.50
62	STEEL PLATE 1/4" THICK	620	SQ. FT.	0.75
63	STEEL PLATE 1/8" THICK	630	SQ. FT.	0.38
64	STEEL PLATE 1/4" THICK	640	SQ. FT.	0.75
65	STEEL PLATE 1/8" THICK	650	SQ. FT.	0.38
66	STEEL PLATE 1/4" THICK	660	SQ. FT.	0.75
67	STEEL PLATE 1/8" THICK	670	SQ. FT.	0.38
68	STEEL PLATE 1/4" THICK	680	SQ. FT.	0.75
69	STEEL PLATE 1/8" THICK	690	SQ. FT.	0.38
70	STEEL PLATE 1/4" THICK	700	SQ. FT.	0.75



ITEM	DESCRIPTION	QTY	UNIT	PRICE
71	STEEL PLATE 1/2" THICK	710	SQ. FT.	1.50
72	STEEL PLATE 1/4" THICK	720	SQ. FT.	0.75
73	STEEL PLATE 1/8" THICK	730	SQ. FT.	0.38
74	STEEL PLATE 1/4" THICK	740	SQ. FT.	0.75
75	STEEL PLATE 1/8" THICK	750	SQ. FT.	0.38
76	STEEL PLATE 1/4" THICK	760	SQ. FT.	0.75
77	STEEL PLATE 1/8" THICK	770	SQ. FT.	0.38
78	STEEL PLATE 1/4" THICK	780	SQ. FT.	0.75
79	STEEL PLATE 1/8" THICK	790	SQ. FT.	0.38
80	STEEL PLATE 1/4" THICK	800	SQ. FT.	0.75

SEE NOTES
SUPPORT AND BENT
SCALE TO S42, S44, S46, AND S52 TO
S54

NOTE: MAKE FABRICATOR OF BENT
3/16" WIDEN TO EFFECT REQUIRED
HOLE SIZE REDUCTION

NOTES:
1. THE FABRICATOR OF THE BENT SHALL
BE RESPONSIBLE FOR THE BENT
BEING FABRICATED TO THE
REQUIREMENTS OF THE
DESIGNER.

ITEM	DESCRIPTION	QTY	UNIT	PRICE
81	STEEL PLATE 1/2" THICK	810	SQ. FT.	1.50
82	STEEL PLATE 1/4" THICK	820	SQ. FT.	0.75
83	STEEL PLATE 1/8" THICK	830	SQ. FT.	0.38
84	STEEL PLATE 1/4" THICK	840	SQ. FT.	0.75
85	STEEL PLATE 1/8" THICK	850	SQ. FT.	0.38
86	STEEL PLATE 1/4" THICK	860	SQ. FT.	0.75
87	STEEL PLATE 1/8" THICK	870	SQ. FT.	0.38
88	STEEL PLATE 1/4" THICK	880	SQ. FT.	0.75
89	STEEL PLATE 1/8" THICK	890	SQ. FT.	0.38
90	STEEL PLATE 1/4" THICK	900	SQ. FT.	0.75

SEE ELEVATION OF TYPE 'X' SUPPORT
FOR DIMENSIONS AND MATERIAL SPECIFICATIONS

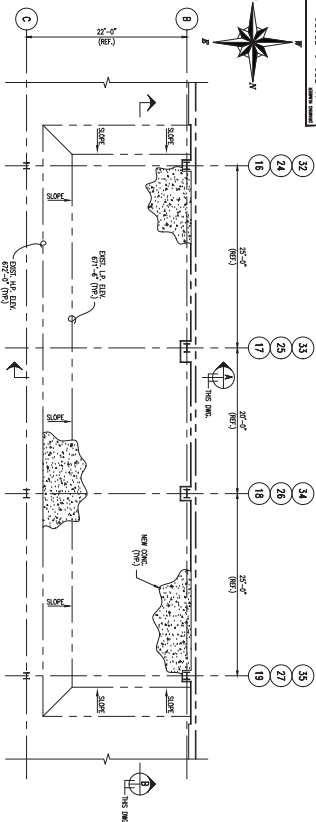
SEE ELEVATION OF TYPE 'X' SUPPORT
FOR DIMENSIONS AND MATERIAL SPECIFICATIONS

SEE ELEVATION OF TYPE 'X' SUPPORT
FOR DIMENSIONS AND MATERIAL SPECIFICATIONS

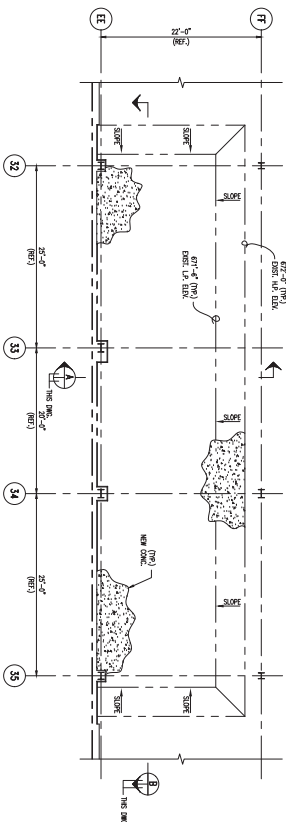
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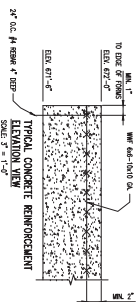
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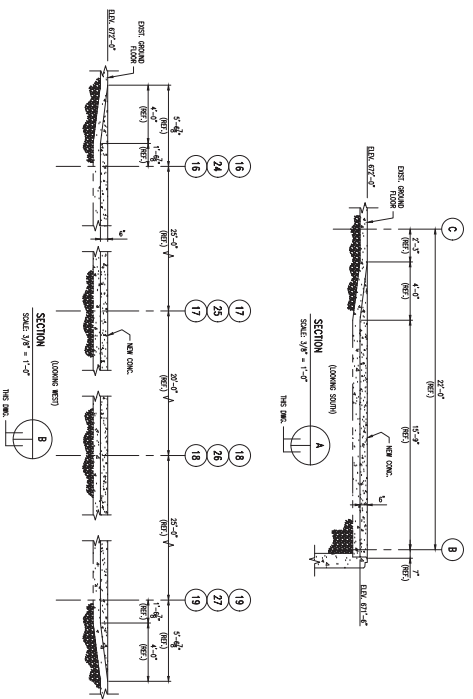
NEW CONCRETE FILL AT
DEAERATED FILTER ROOM NO. 2, 3, 4
SCALE: 3/8" = 1'-0"



DEAERATED FILTER ROOM NO. 19
NEW CONCRETE FILL AT
SCALE: 3/8" = 1'-0"



REVISIONS		REVISION DESCRIPTION	
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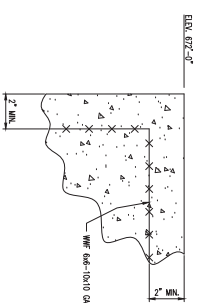


SECTION (LOOKING WEST)
SCALE: 3/8" = 1'-0"

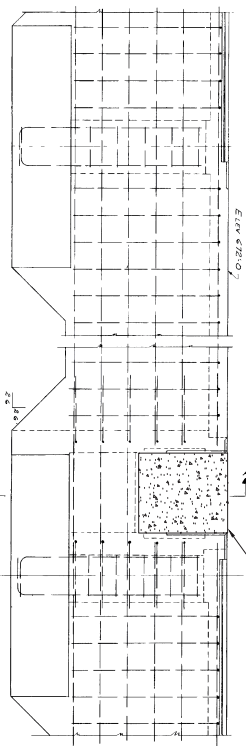
- NOTES:
1. EXISTING FILTER ROOM STRUCTURE, FLOOR, AND CEILING ARE TO BE REINFORCED BY CONCRETE FILL IN AREAS.
 2. EXISTING STRUCTURE OF THE DEAERATED FILTER ROOMS TO BE REINFORCED BY CONCRETE FILL IN AREAS.
 3. NEW CONCRETE FILL TO BE PLACED IN THE AREAS BETWEEN THE EXISTING FILTER ROOM WALLS AND THE NEW CONCRETE FILL.
 4. NEW CONCRETE FILL TO BE PLACED IN THE AREAS BETWEEN THE EXISTING FILTER ROOM WALLS AND THE NEW CONCRETE FILL.
 5. NEW CONCRETE FILL TO BE PLACED IN THE AREAS BETWEEN THE EXISTING FILTER ROOM WALLS AND THE NEW CONCRETE FILL.
 6. NEW CONCRETE FILL TO BE PLACED IN THE AREAS BETWEEN THE EXISTING FILTER ROOM WALLS AND THE NEW CONCRETE FILL.
 7. NEW CONCRETE FILL TO BE PLACED IN THE AREAS BETWEEN THE EXISTING FILTER ROOM WALLS AND THE NEW CONCRETE FILL.
 8. NEW CONCRETE FILL TO BE PLACED IN THE AREAS BETWEEN THE EXISTING FILTER ROOM WALLS AND THE NEW CONCRETE FILL.
 9. NEW CONCRETE FILL TO BE PLACED IN THE AREAS BETWEEN THE EXISTING FILTER ROOM WALLS AND THE NEW CONCRETE FILL.
 10. NEW CONCRETE FILL TO BE PLACED IN THE AREAS BETWEEN THE EXISTING FILTER ROOM WALLS AND THE NEW CONCRETE FILL.



PLAN AT LOADING PLATFORM

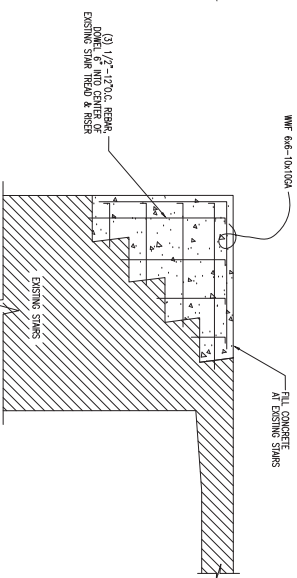


TYPICAL CONCRETE REINFORCEMENT
ELEVATION VIEW



SECTION C-55

(GRADE WALL DETAILS AT TRUCK ALLEY LOADING PLATFORM)

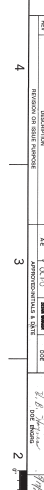
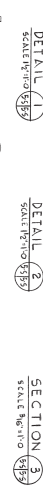
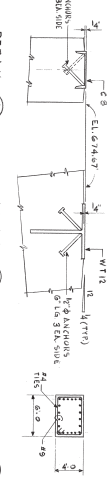
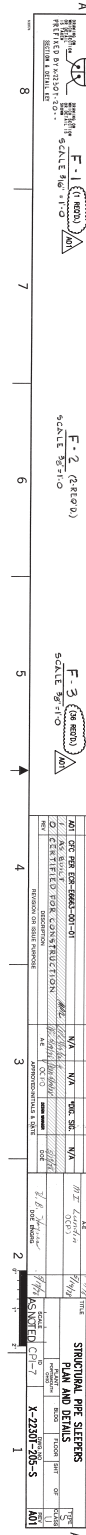
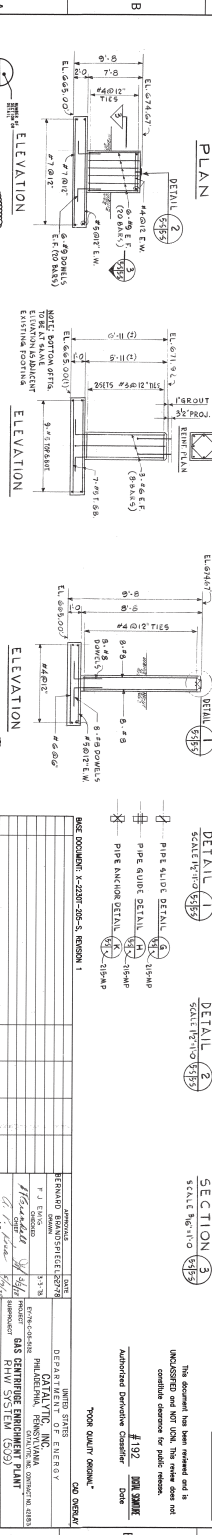
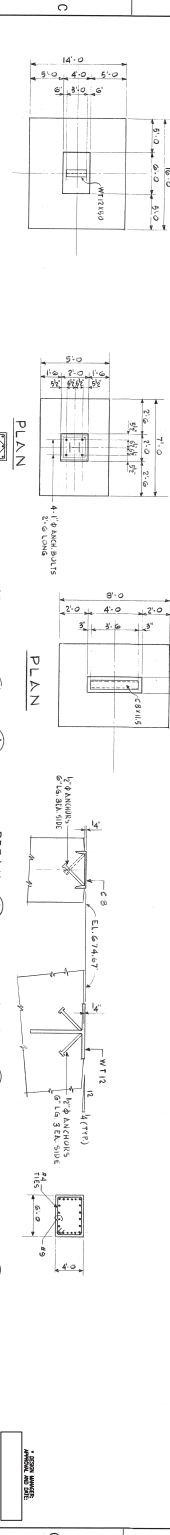
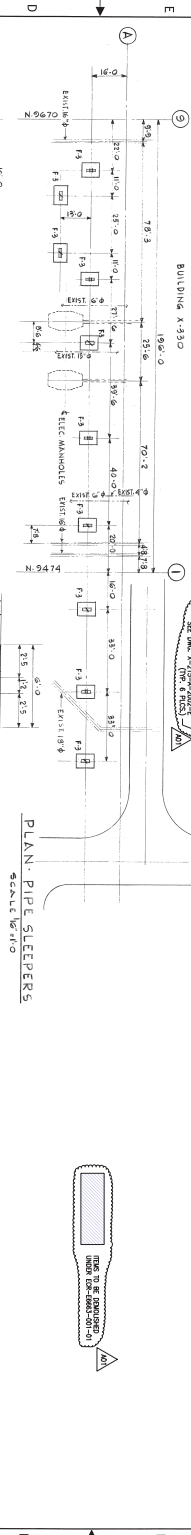
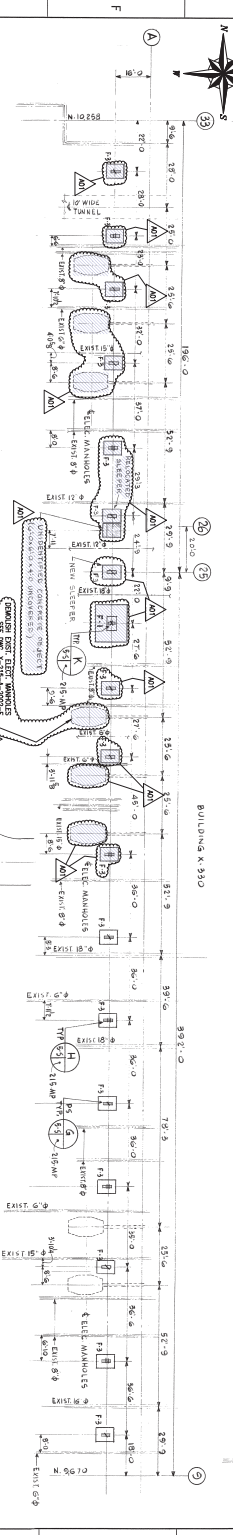
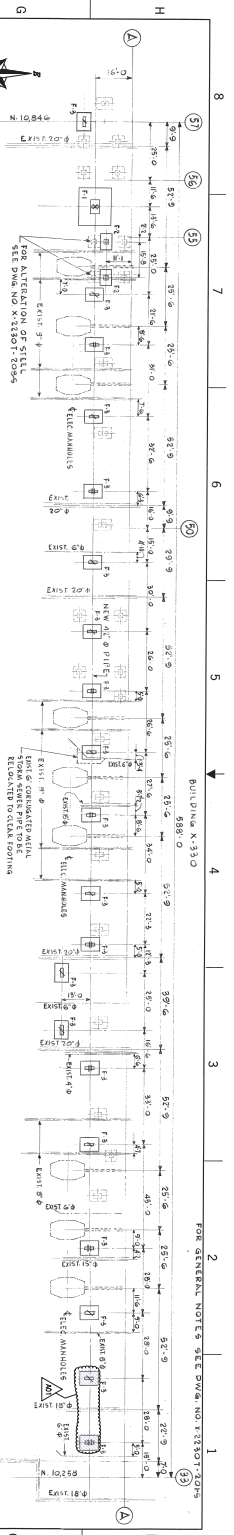


SECTION A-A
SCALE: N.T.S.

DEMOLITION NOTES:

- [illegible]

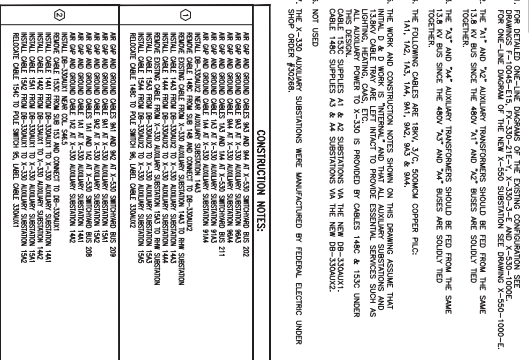
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18	REVISION			
19	REVISION			
20	REVISION			

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UNITED STATES DEPARTMENT OF ENERGY
 OFFICE OF ENERGY EFFICIENCY AND RENEWABLE SOURCES
 BUILDING SYSTEMS DIVISION
 101





GROUND FLOOR PLAN

REVIEWED FOR CLASSIFICATION
CLASSIFICATION: UNCLASSIFIED
DATE: 4/10/79
BY: SP-6 JMS/STP

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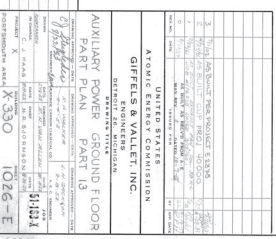
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-19-2008 BY SP-6 BTJ/KRM

APPROVED FOR RELEASE
DATE 11-19-80
BY SP-8
11/19/80

[illegible]

X-330-1001-F





[illegible]

NOTE
1 THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR EXISTING
CABLES AND CABLES TROUGH SYSTEMS. PROTECTION SHALL
BE THE CONTRACTOR'S RESPONSIBILITY AND IT IS RECOMMENDED
THAT THE CONTRACTOR BE ADVISED BY THE
OWNER OF ANY EXISTING CABLES AND CABLE TROUGH SYSTEMS
BEFORE THE CONTRACTOR BEGINS WORK. SEE DWG. X 380-1113-6

REMOVE ALL EXISTING ELECTRICAL WIRING AND COMPONENTS

[illegible]

KEY PLAN X-330 Bldg

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Authorized Derivative Classifier	Date
1122	2008, 2009

SC/ML
88-110-

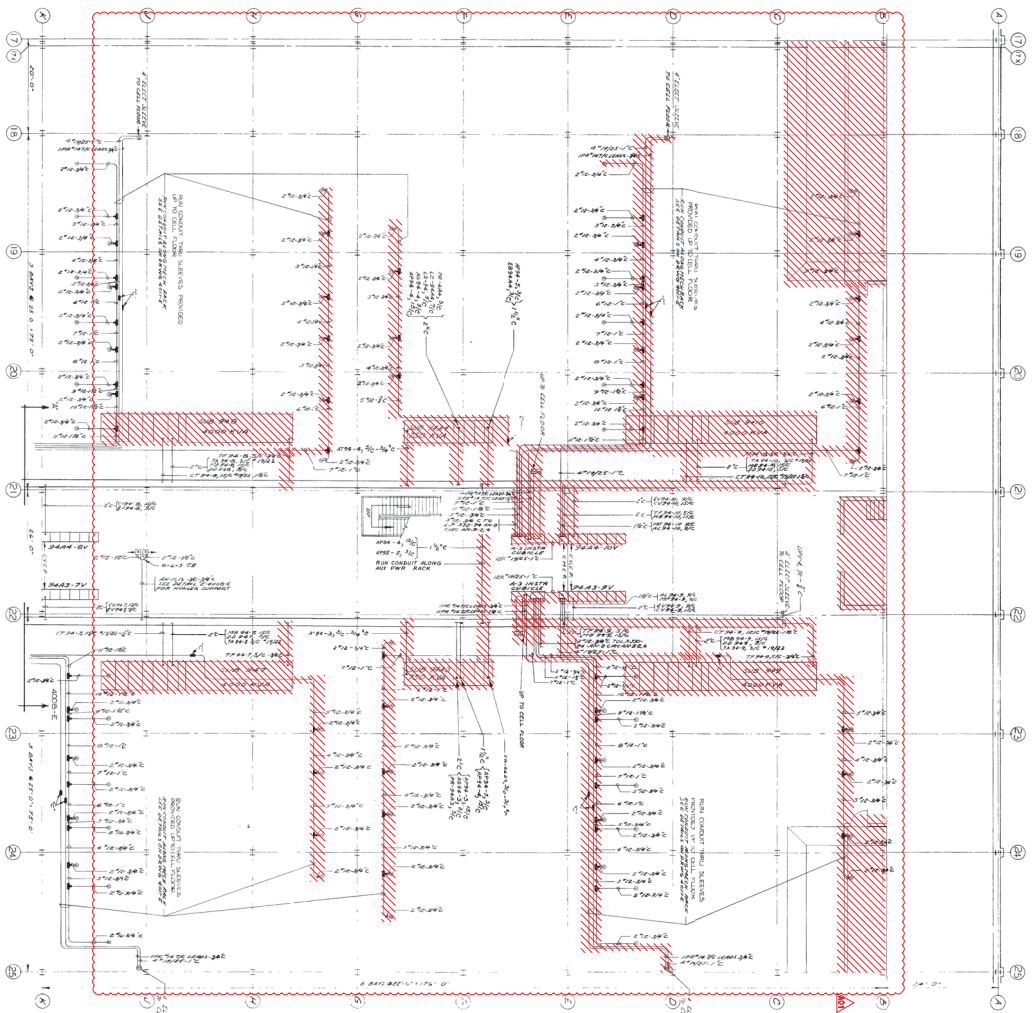
- **DESIGN MANAGER:**

FOR THE RECORD: 1990-1991

1561

X-330 1025-1	NOV POWER WIND T1 PWR PLANT
X-330 1000-2	CONE LINE WINDING DIA. WRT 25-3

[illegible][illegible]



REMOVE ALL EXISTING STRUCTURAL MEMBERS AND RECONSTRUCT
WEST OF COLUMN LINE 11

NOTE:
STRUCTURAL WALLS TO BE REMOVED AND RECONSTRUCTED

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20



1/8" = 1'-0" SCALE

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does not contain information for public
release

192 1000000

ARCHITECTURAL SERVICES COMPANY

FOR QUALITY DESIGN

AND DOCUMENT, L.S. AND L. BROWN, JR.

AND OVERLAY

ARCHITECTURAL SERVICES COMPANY

FOR QUALITY DESIGN

AND DOCUMENT, L.S. AND L. BROWN, JR.

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ARCHITECTURAL SERVICES COMPANY

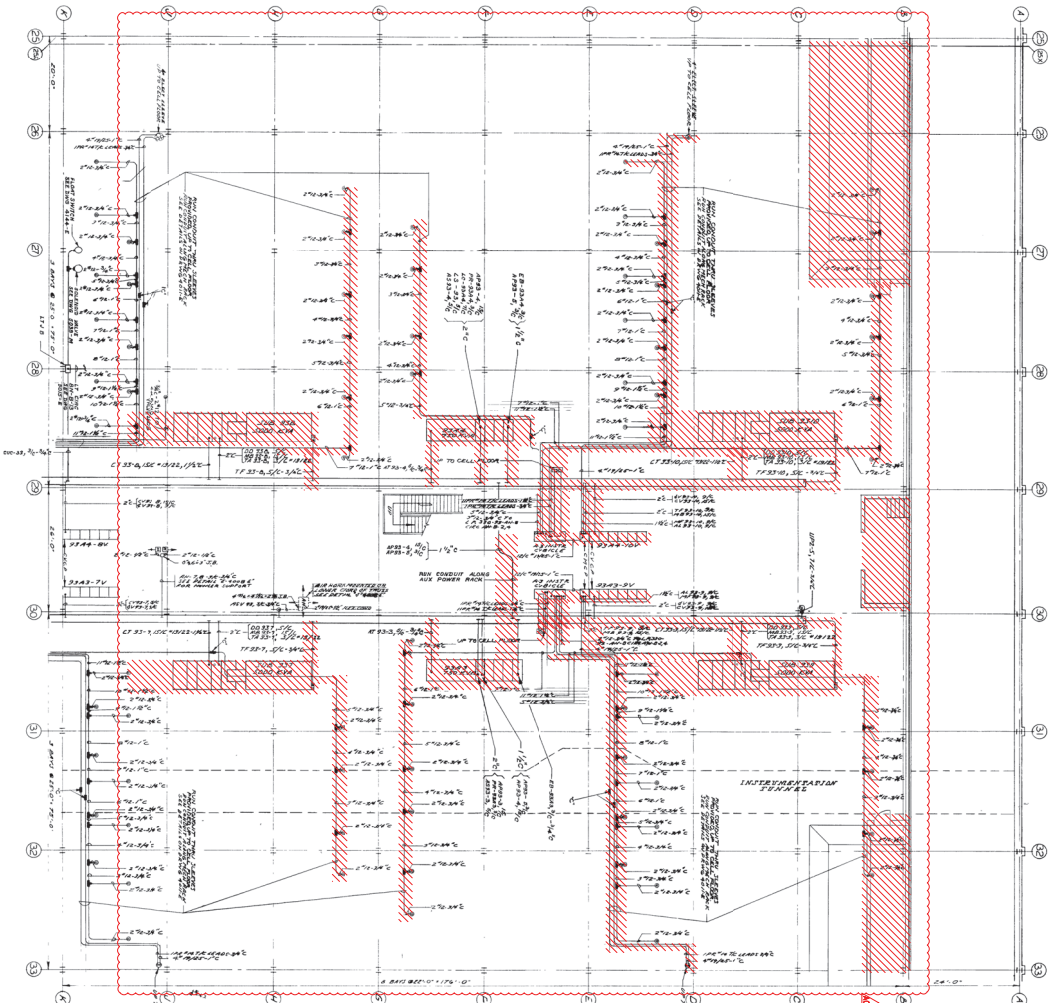
FOR QUALITY DESIGN

AND DOCUMENT, L.S. AND L. BROWN, JR.

AND OVERLAY

ARCHITECTURAL SERVICES COMPANY

FOR QUALITY DESIGN



REMOVE ALL EXISTING STRUCTURAL MEMBERS AND RECONSTRUCT
WEST OF COLUMN LINE 11

NOTES:
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
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PROJECT INFORMATION	
PROJECT NAME	CONDO AND RESTAURATION
PROJECT ADDRESS	GROUND FLOOR PLAN PART 10
ARCHITECT	APRIL & VALLEY, INC.
DATE	11-15-24
BY	R. VAN ALLEN
CHECKED BY	R. VAN ALLEN
APPROVED BY	R. VAN ALLEN
PROJECT NUMBER	X-330-4019-E
PROJECT AREA	ADT



NOTE
ALL CABLES ENTERING CABLE TRUSS ARE #12/25 CONDUCTOR
WIRE UNLESS OTHERWISE SHOWN ON THE DRAWING.

HEY PLAN X-330 BIDS

NO SCALE



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release.

_____ Authorized Derivative Classifier	_____ Date
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POOR QUALITY ORIGINAL

PAGE DOCUMENT: X-350-4022-E REVISION: 0 CAD OVERLAY

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[illegible]

A01	QUANTITY CPC PER ESO E6665-001		DIC 94

DATE	TIME	LOCATION	REMARKS
10/10/10	10:00	10000	10000

**UNITED STATES
ATOMIC ENERGY COMMISSION**

DIFFEL & VALLEY, INC.
ENGINEERS

PROPERTY AND MATERIALS

CONTROL AND INSULATION
GROUND FLOOR PLAN PART 13

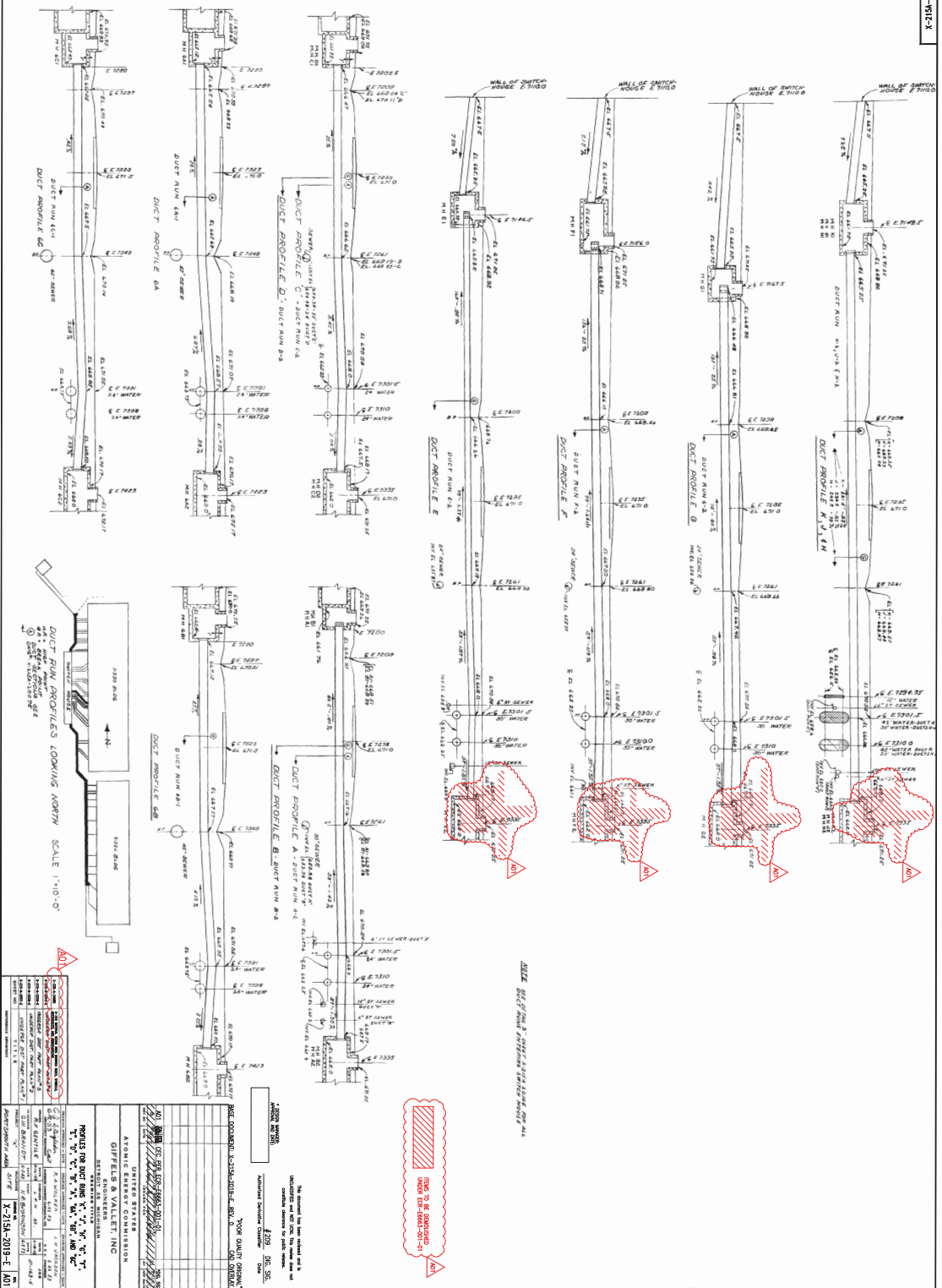
C.J. STENGLEDER R-1-53	R.A. WALKER R-18-53	R.B. SOMERS R-18-53
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DATE MOVED IN OR BORN	DATE OF DEPARTURE (OR DEPARTURE DATE)	DATE OF DEPARTURE
1944	1944	1944
R.G.S.	T. MOWENEE	SI-167-Y

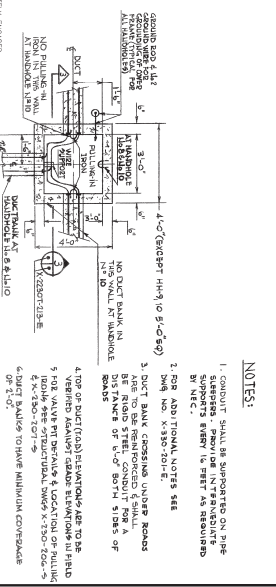
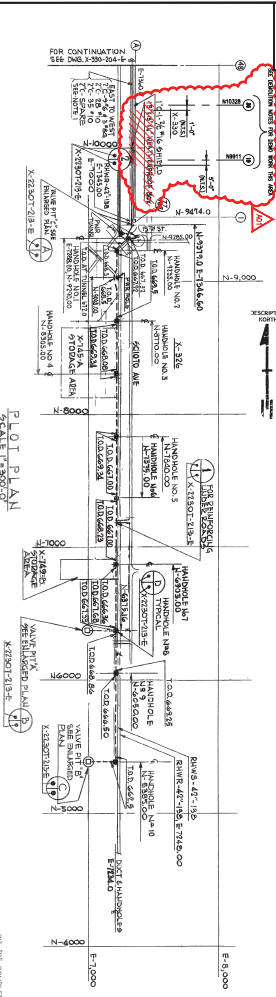
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PORTSMOUTH AREA	X-330-4022-E	A01
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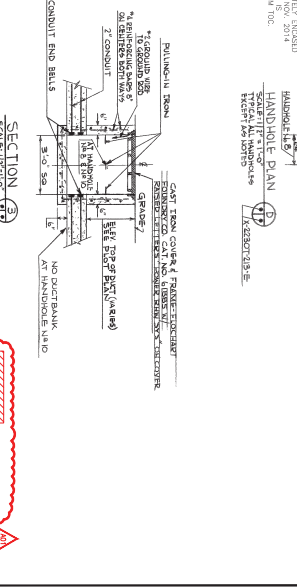
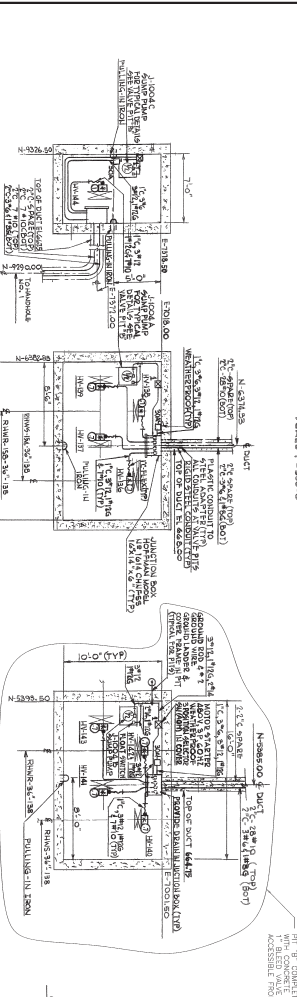


1-11-42272-1



NOTES:

1. CONDUIT SHALL BE SUPPORTED ON PIPE SUPPORTS. PROVIDE AN INDEPENDENT BRACE FOR EACH END OF CONDUIT BY N.E.C.
2. SEE ADDITIONAL NOTES 548
3. SEE ADDITIONAL NOTES 548
4. TOP OF DUCT (TOD) ELEVATIONS ARE TO BE VERIFIED AGAINST GRADE ELEVATIONS IN FIELD
5. FOR WAVE PIT BANKS & LOCATIONS OF TAILING PIT BANKS, SEE ADDITIONAL NOTES 548 & 549
6. DUCT BANKS TO HAVE MINIMUM COVERS OF 2'-0".



PIT C ENLARGED PLAN

SCALE: 1/4" = 1'-0"

PIT A ENLARGED PLAN

SCALE: 1/4" = 1'-0"

PIT B ENLARGED PLAN

SCALE: 1/4" = 1'-0"

PIT C ENLARGED PLAN

SCALE: 1/4" = 1'-0"

PIT A ENLARGED PLAN

SCALE: 1/4" = 1'-0"

PIT B ENLARGED PLAN

SCALE: 1/4" = 1'-0"

SECTION

SCALE: 1/4" = 1'-0"

SECTION

SCALE: 1/4" = 1'-0"

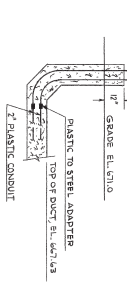
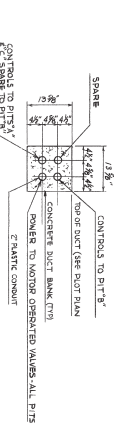
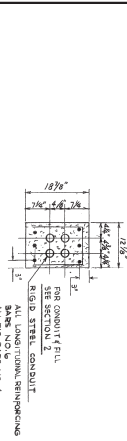
SECTION

SCALE: 1/4" = 1'-0"

SECTION

SCALE: 1/4" = 1'-0"

- REVISION NOTES**
1. FROM TO ANY CORRECTION - VERIFY ALL DIMS. HAVE BEEN
 2. ALL CONDUIT SPANNING LOCATED WITHIN THE MARKED DRAINAGE AREA ARE TO BE REMOVED AND 4'-0" DIA.
 3. ADDING THE CONDUIT BANK WHERE DUCT BANKS EXIST IS CORRECTED



SECTION

SCALE: 1/4" = 1'-0"

SECTION

SCALE: 1/4" = 1'-0"

SECTION

SCALE: 1/4" = 1'-0"

SECTION

SCALE: 1/4" = 1'-0"

SECTION

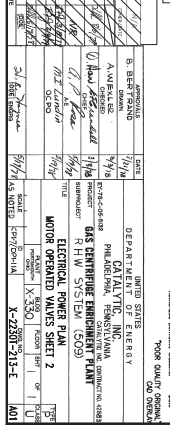
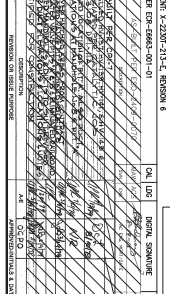
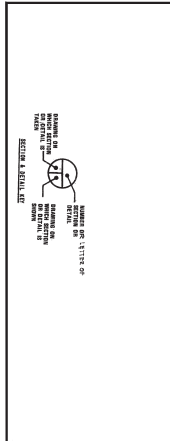
SCALE: 1/4" = 1'-0"

SECTION

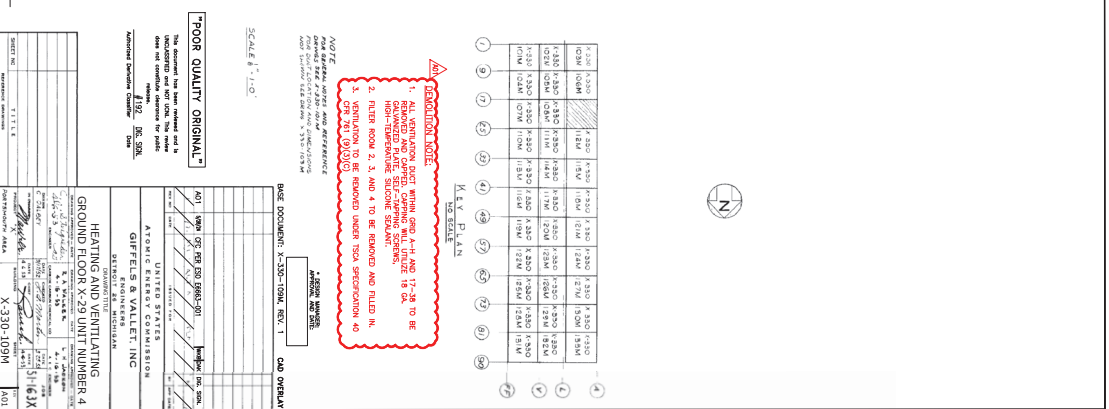
SCALE: 1/4" = 1'-0"

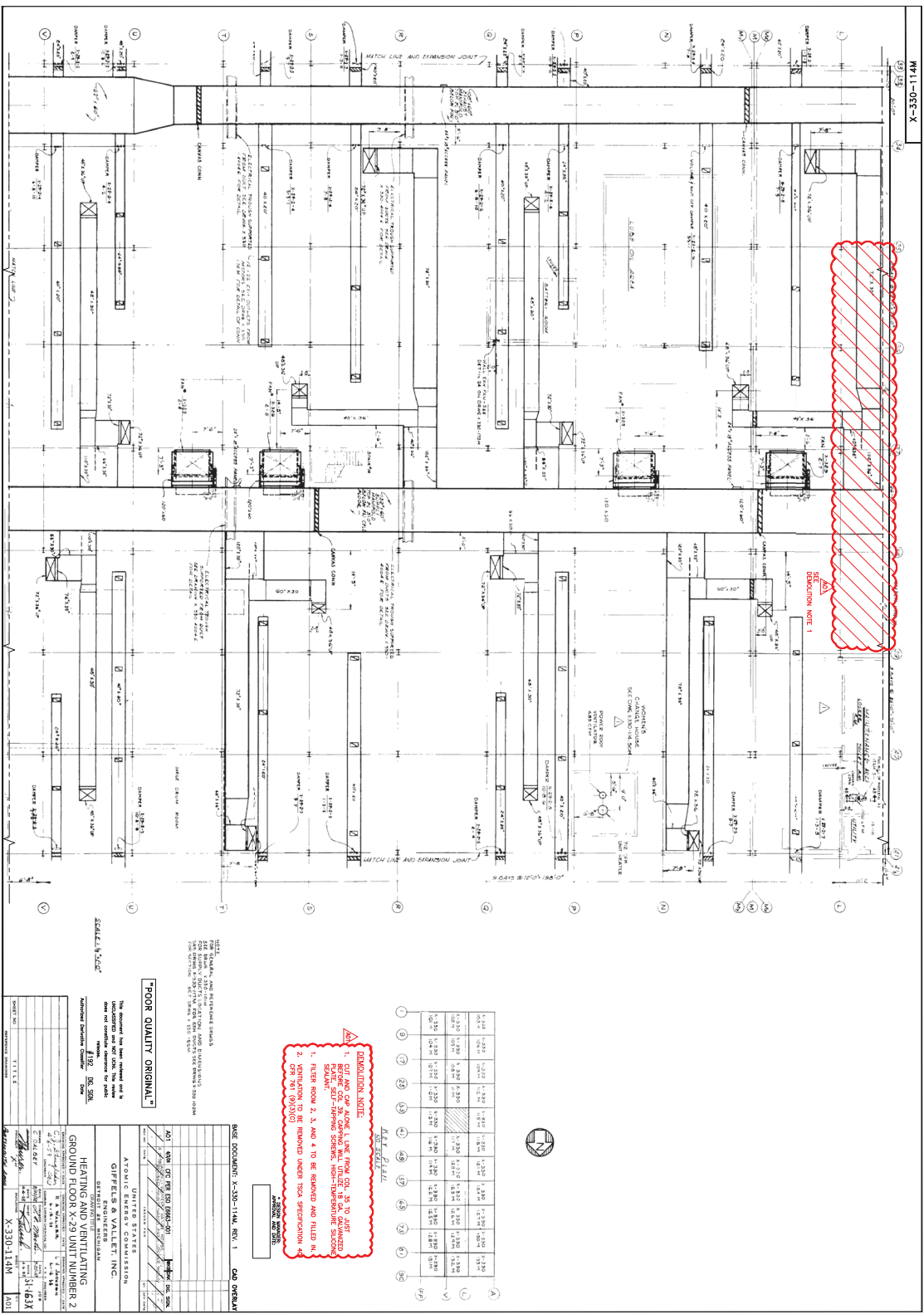
SECTION

SCALE: 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"







DEMOLITION NOT

1. ALL VENTILATION DUCT WITHIN GRID A-H AND 17-38 TO BE REMOVED AND CAPPED. CAPPING WILL UTILIZE 18 GA. GALVANIZED PLATE, SELF-DIPPING SCREWS, HIGH-TEMPERATURE SILICONE SEALANT.
2. FILTER ROOM 2, 3, AND 4 TO BE REMOVED AND FILED IN.
3. VENTILATION TO BE REMOVED UNDER TSCA SPECIFICATION 40 CFR 761.6(a)(3)(C)

NOTE
FOR GENERAL NOTES AND REFERENCE DRAGS
SEE DRAWG. X-330-101M
FOR DOCT LOCATION AND DIMENSIONS FOR
SUPPLY DUCTS SEE DRAWG. X-330-110M FOR
WELL DUCTS SEE DRAWG. X-330-120M

"POOR QUALITY ORIGINAL"

This document has been reviewed and is UNCLASSIFIED and NOT UCL. This release does not constitute clearance for public release.

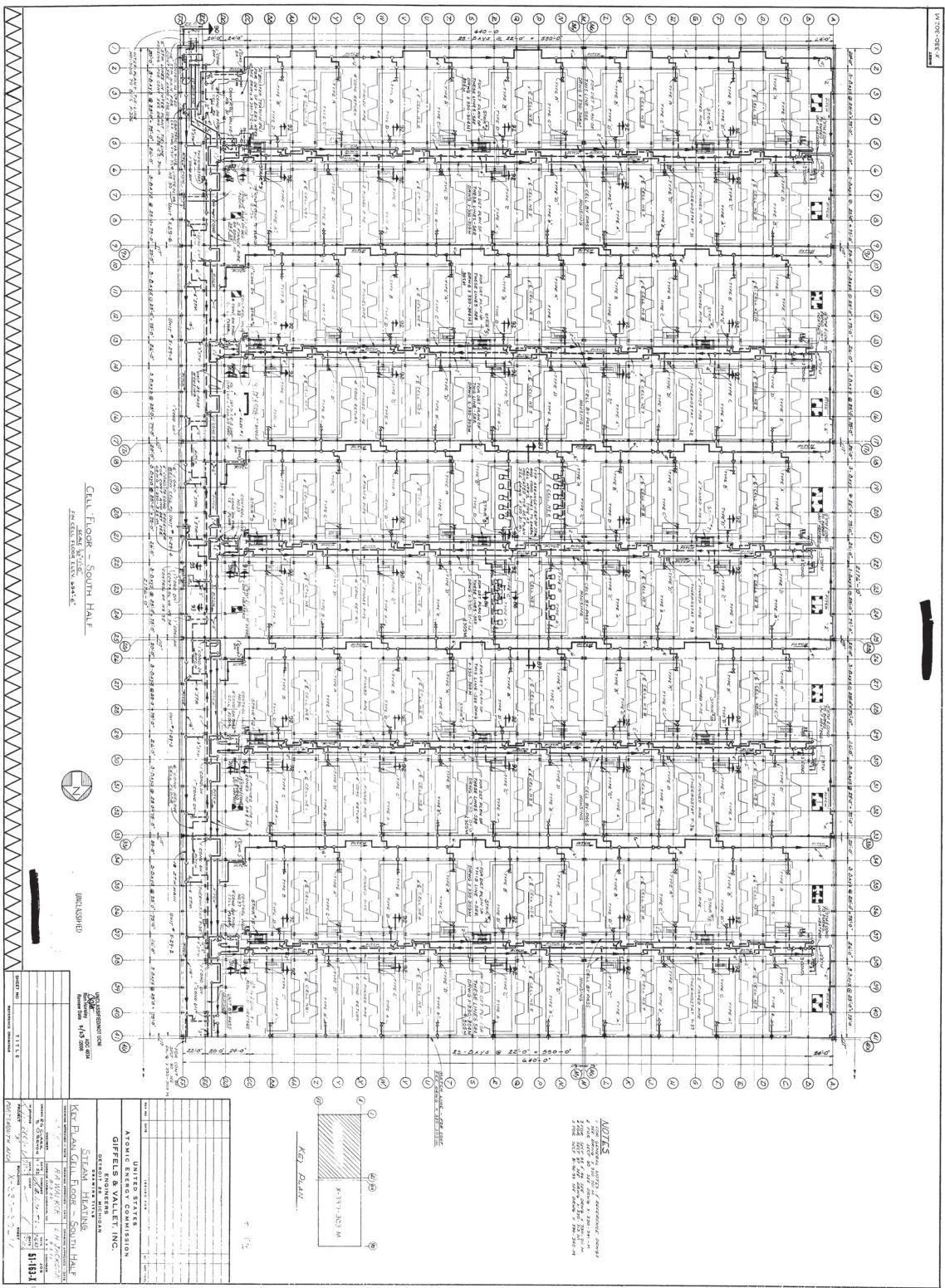
#192 DEC 500

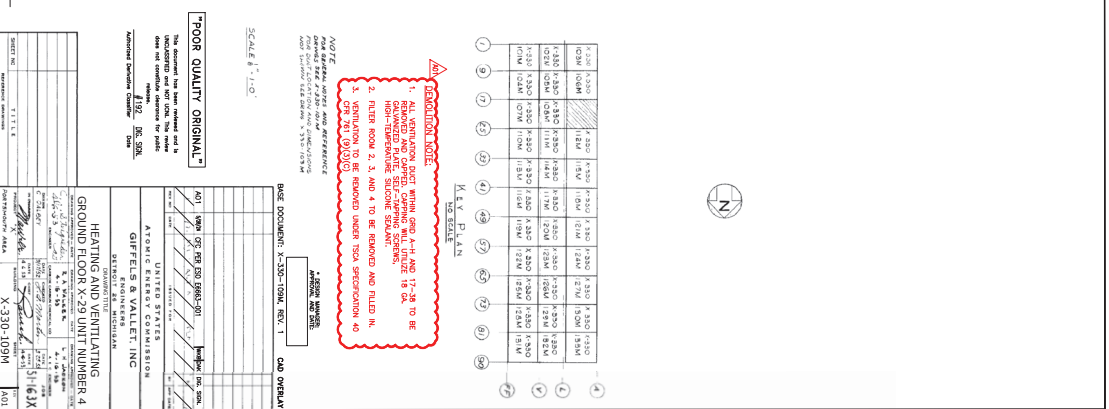
Authorized Derivative Classifier Date

ATOMIC ENERGY COMMISSION
GIFFELS & VALLET, INC.
ENGINEERS
DETROIT 26, MICHIGAN
CONTRACT TITLE
HEATING AND VENTILATING

UNIVERSITY OF CALIFORNIA
HEATING AND VENTILATING
GROUND FLOOR X-29 UNIT NUMBER 2

DATE	4/15/78	DATE	4/15/78	DATE	4/15/78
TIME	11:00 AM	TIME	11:00 AM	TIME	11:00 AM
LOCATION	4150	LOCATION	4150	LOCATION	4150
OFFICER	4150	OFFICER	4150	OFFICER	4150
REPORT	4150	REPORT	4150	REPORT	4150
REMARKS	4150	REMARKS	4150	REMARKS	4150
DATE	4/15/78	DATE	4/15/78	DATE	4/15/78
TIME	11:00 AM	TIME	11:00 AM	TIME	11:00 AM
LOCATION	4150	LOCATION	4150	LOCATION	4150
OFFICER	4150	OFFICER	4150	OFFICER	4150
REPORT	4150	REPORT	4150	REPORT	4150
REMARKS	4150	REMARKS	4150	REMARKS	4150







DEMOLITION NOTE:

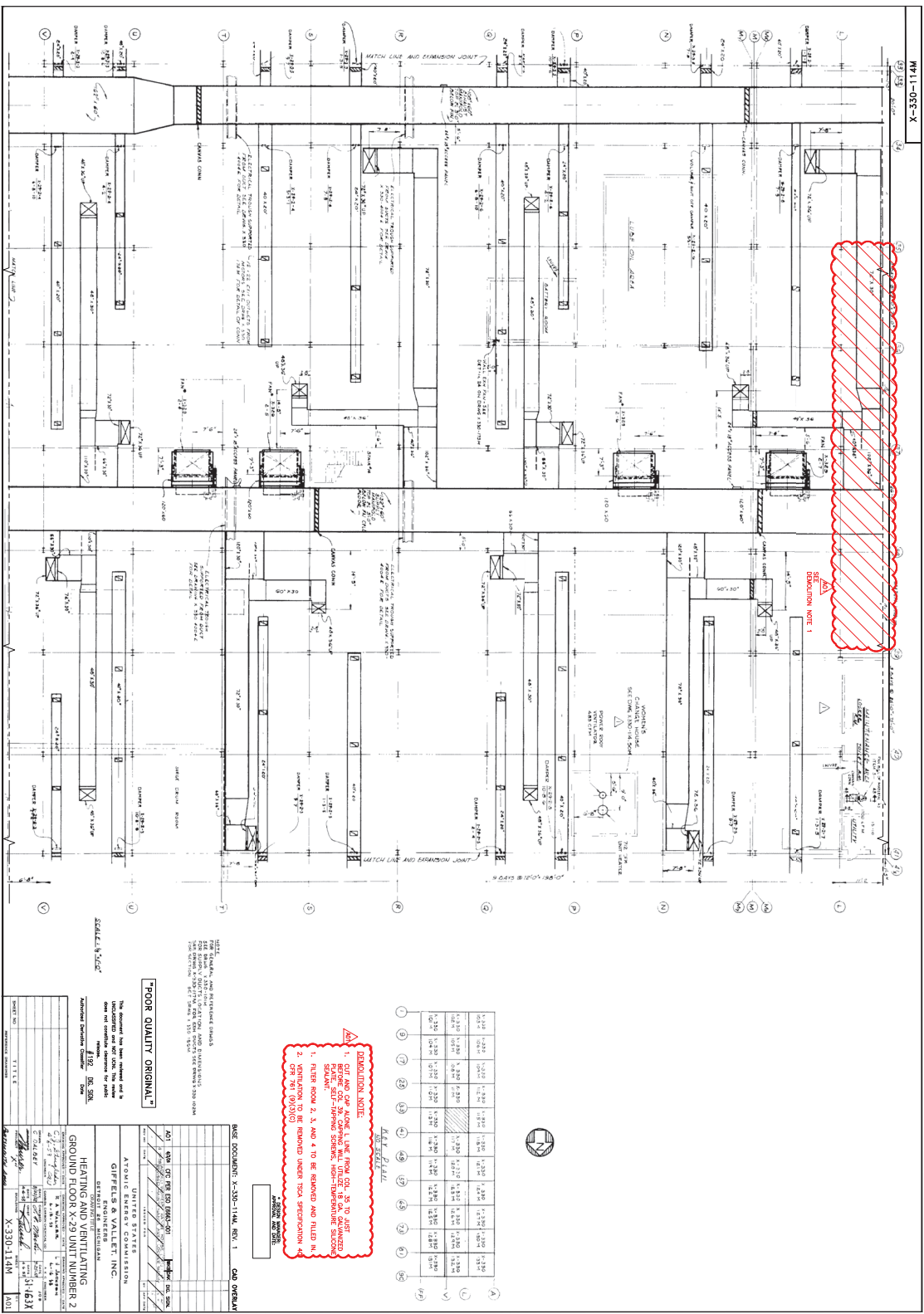
- ## SPECIFICATION 40

- **DESIGN MANAGER**

BASE DOCUMENT: X-330-112M, REV. 1 CAD OVERLAY

GIFFELS & VALLET, INC.
ENGINEERS

[illegible]





**NOT
DEMOLITION NOT**

1. ALL VENTILATION DUCT WITHIN GRID A-H AND 17-38 TO BE REMOVED AND CAPPED. CAPPING WILL UTILIZE 18 GA. GALVANIZED PLATE, SELF-TAPPING SCREWS, HIGH-TEMPERATURE SILICONE SEALANT.
2. FILTER ROOM 2, 3, AND 4 TO BE REMOVED AND TILED IN.
3. VENTILATION TO BE REMOVED UNDER TSCA SPECIFICATION 40 CFR 261 (9)(3)(i)

NOTE
FOR GENERAL NOTES AND REFERENCE DRAGS
SEE DRAWG. X-330-101M
FOR DOCT LOCATION AND DIMENSIONS FOR
SUPPLY DUCTS SEE DRAWG. X-330-110M FOR
WELL DUCTS SEE DRAWG. X-330-120M

"POOR QUALITY ORIGINAL"

This document has been reviewed and is UNCLASSIFIED and NOT UCON. This review does not constitute clearance for public release.

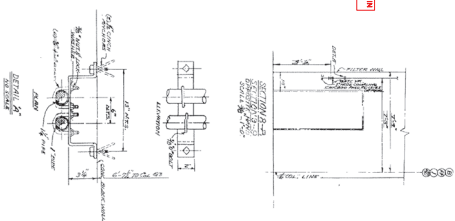
#192 DC, SIO

Authorized Derivative Classifier Date

ATOMIC ENERGY COMMISSION
GIFFELS & VALLET, INC.
ENGINEERS
DETROIT 26, MICHIGAN
DRAWING TITLE
HEATING AND VENTILATING

UNIVERSITY 101 LK
HEATING AND VENTILATING
GROUND FLOOR X-29 UNIT NUMBER 2

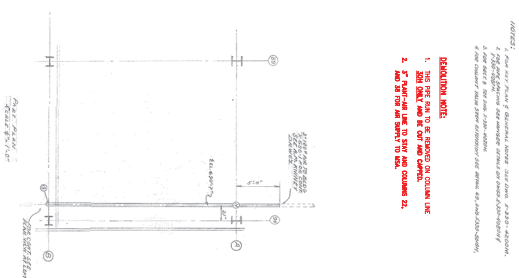
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TIME	11:00 AM	TIME	11:00 AM	TIME	11:00 AM
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OFFICER	4163X	OFFICER	4163X	OFFICER	4163X
REPORT	4163X	REPORT	4163X	REPORT	4163X
REMARKS	4163X	REMARKS	4163X	REMARKS	4163X
DATE	4/16/78	DATE	4/16/78	DATE	4/16/78
TIME	11:00 AM	TIME	11:00 AM	TIME	11:00 AM
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OFFICER	4163X	OFFICER	4163X	OFFICER	4163X
REPORT	4163X	REPORT	4163X	REPORT	4163X
REMARKS	4163X	REMARKS	4163X	REMARKS	4163X



UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION
NOT FOR PUBLIC DISSEMINATION
Unauthorized dissemination subject to civil and criminal sanctions under
Section 106 of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2204a)
Penalties: Offense (None/Unauthorized) 192 Days 300000
Offense time: TO-FCI-1 6/96
[Set of 1250 Offense time]

• DESIGN MANAGER
APPROVAL AND DATE:

[illegible]



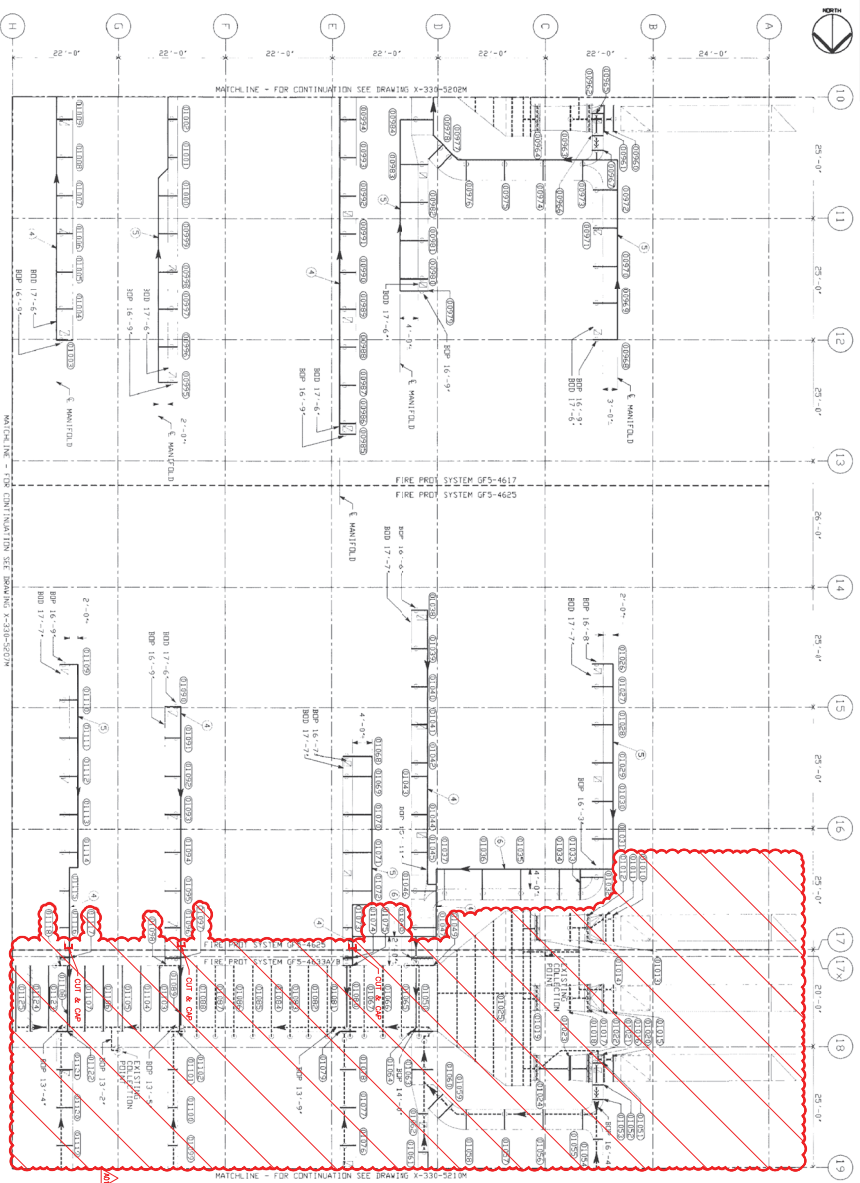
1. THIS PIPE RUN TO BE REMOVED ON COLLAR LINE
2041 ONLY AND BE CUT AND CAPPED.
2. 3" PLANT-AIR LINE TO STAY AND COLUMNS 22,
AND 26 FOR AIR SUPPLY TO USA.

UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION
NOT FOR PUBLIC DISSEMINATION
Unaffiliated dissemination subject to call and critical sections under
Section 104 of the Atomic Energy Act of 1954, as amended (42 USC 2161a)
Issuing Office: Naval Operations 192 Naval DATA
Guidance Note: 10-P-00-1 8/96
CLASS. BY: ICM Guidance Unit

• DESIGN MANAGER APPROVAL AND DATE:

POOR QUALITY ORIGINAL

[illegible]



NO.	DESCRIPTION	DATE	BY	CHKD.
1	REVISION			
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100	REVISION			

- NOTES:
1. REFER TO DWG. X-330-5201M FOR GENERAL NOTES AND LEGEND
 2. ALL ELEVATIONS FROM FINISHED FLOOR
 3. EXISTING STRUCTURE TO REMAIN UNLESS NOTED OTHERWISE
 4. MAINTAINED PIPING IS SUPPORTED FROM EXISTING CABLE TRAY HANG
 5. TO BE MAINTAINED PIPING IS SUPPORTED FROM EXISTING BUILDING
 6. PRE-EXISTING PIPING SUPPORTED FROM EXISTING BUILDING

NO.	DESCRIPTION	DATE	BY	CHKD.
1	REVISION			
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99	REVISION			
100	REVISION			

SECTION 5.0 - SITE PLAN

LEGEND

SCALE 1/8" = 1'-0"

PLAN - BUILDING X-330

SCALE 1/8" = 1'-0"

NOTES:

1. ALL ELEVATIONS SHOWN WITHIN GRID A-1 AND 17-26 TO BE MAINTAINED EXCEPT WHERE SHOWN OTHERWISE
2. MAINTAINED PIPING IS SUPPORTED FROM EXISTING CABLE TRAY HANG
3. TO BE MAINTAINED PIPING IS SUPPORTED FROM EXISTING BUILDING
4. PRE-EXISTING PIPING SUPPORTED FROM EXISTING BUILDING

KEY PLAN - BLDG X-330

UNITED STATES DEPARTMENT OF ENERGY

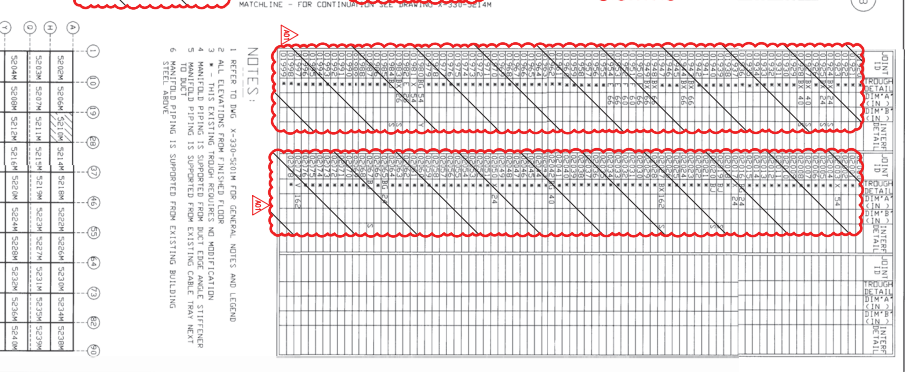
REDUCED CONTAINMENT VENTILATION EXHAUST DUCT TROUGHTS

BUILDING X-330 PIPING PLAN

COLUMNS 10A THRU 19H

X-330-5206M

A01



- 1 REFER TO DWG X-330-501M FOR GENERAL NOTES AND LEGEND
- 2 ALL ELEVATIONS FROM FINISHED FLOOR
- 3 - THIS EXISTING TROUGH REQUIRES NO MODIFICATION
- 4 MANHOLE PILING IS SUPPORTED FROM DUCT EDGE ANGLE STEELER
- 5 MANHOLE PILING IS SUPPORTED FROM EXISTING CABLE TRAFFIC
- 6 DUCT TO DUCT OPENING IS SUPPORTED FROM EXISTING BUILDING
- 7 STEELER

[illegible]

MANHATTAN
AND
CENTRAL
AVENUE

KEYPLAN - BLDG X-330

5C05M	5C09M	5C13M	5C17M	5C21M	5C25M	5C29M	5C33M	5C37M	5C41M
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McGraw-Hill
Card Country

ATTORNEYS		DATE	UNITED STATES DEPARTMENT OF ENERGY
C LAYB			

W. L. LAYNE Chairman	1971/79	MARTIN MARIETTA	MARTIN MARIETTA ENERGY SYSTEMS, INC.
J. FLEMING	1970/78		

PROJECT	PCD	PCB	CONITAM	VENT	DIST
PRODUCT	PCD	PCB	CONITAM	VENT	DIST
DATE	12/7/98				
CHECKED	P. O. BOX 628	PIETON	CHAO	45661	
BY	HEYWARD				

EXH	REDUC CONTAM: VENT DOCT
G BEATON	EXHAUST DUCT TROUGHS
1/13/98	SUBPROJECT

F	A CASE	1/25/78
	W-15	

BUILDING X-330 PIPING PLAN

COLUMNS 19A THRU 28H	
SCALE	UNIT

602	AS NOTED	X-330-5210M	A01
-----	----------	-------------	-----



NOTES:

- 1 REFER TO DWG. X-330-52C1M FOR GENERAL NOTES AND LEGEND
2 ALL ELEVATIONS FROM FINISHED FLOOR
3 * - THIS EXISTING TROUGH REQUIRES NO MODIFICATION



1. ALL VENTILATION DUCT WITHIN GRID A-H AND 17-38 TO BE REMOVED AND REPEATED CORNING MILL UTILIZE 18 GA. GALVANIZED PLATE, SELF-DRAINING JOINTS, HIGH-TEMPERATURE SILICONE SEALANT.
2. FILTER ROOM 2, 3, AND 4 TO BE REMOVED AND FILLED IN.
3. VENTILATION TO BE REMOVED UNDER TSCA SPECIFICATION 40 CFR 761 (9)(3)(C)

SCALE 1/8"=1'-0"

BOOKWORMS ON BEDDING
AND CLOTHING

FORM NO.	REV
Y-330-E314M	AO1

1. VENTILATION TO BE REMOVED UNDER TSCA SPECIFICATION 40 CFR 761.61 (9)(3)(C). CAPPING WILL UTILIZE 18 GA. GALVANIZED PLATE, SELF-TAPPING SCREWS, HIGH-TEMPERATURE SILICONE SEALANT.
2. FILTER ROOMS 2, 3, AND 4 ON THE WEST WALL AND FILTER ROOM 19 ON THE EAST WALL ARE TO BE REMOVED AND FILLED IN.

"POOR QUALITY ORIGINAL"

SECTION ON DETAIL NUMBER

SHEET WHERE DETAIL OF SECTION IS SHOWN

SECTION 3 DETAIL LEGEND

[illegible]

NOTES

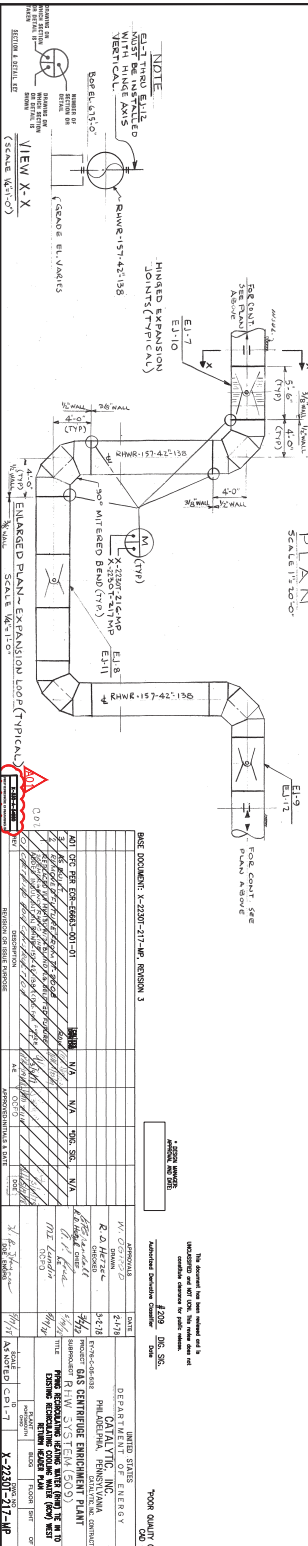
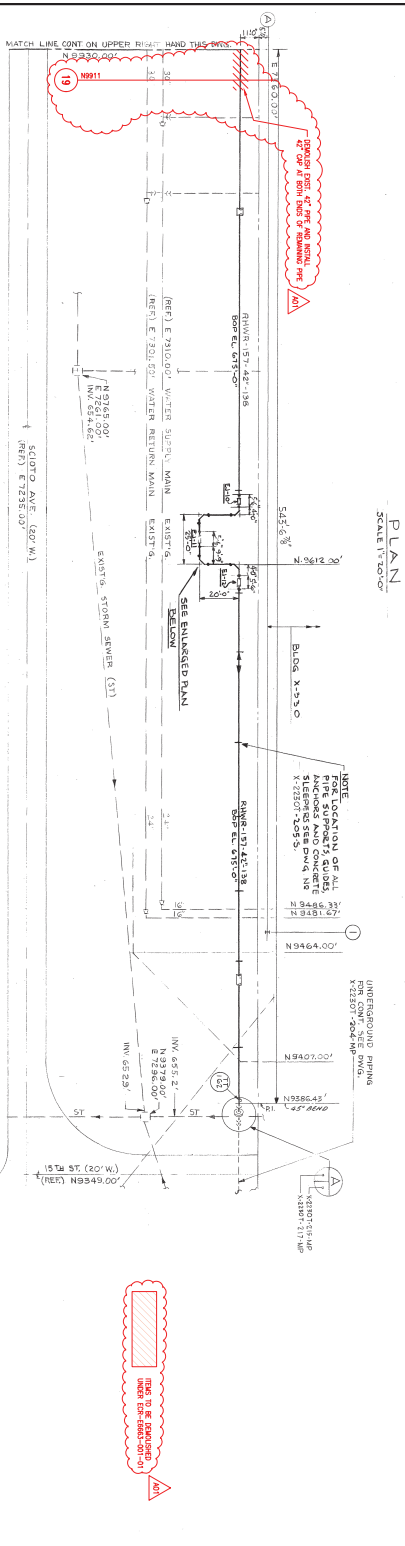
1 SEE EQUIPMENT SCHEDULES ON DWG. NO. X-930-7301-M

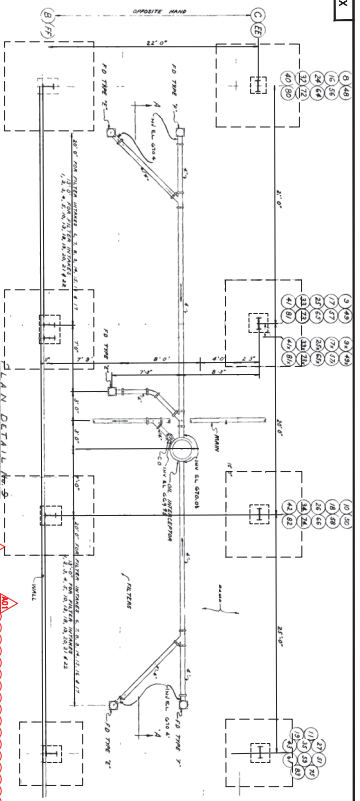
2 SEE FILTER ROOM DETAILS, ITEM ⑤, ON DWG. NO. X-930-7305-M

3 SEE MOTOR EXHAUST FAN DETAILS, ITEM ② & ③ ON DWG. NO. X-930-7306-M

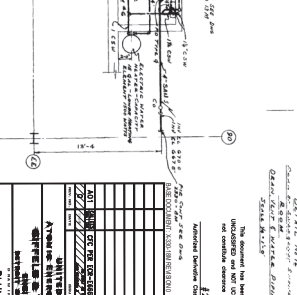
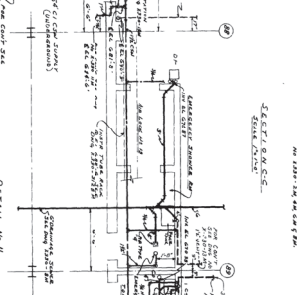
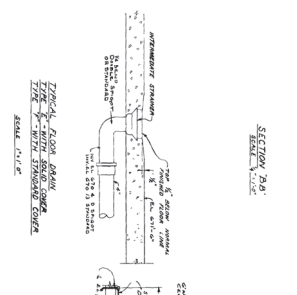
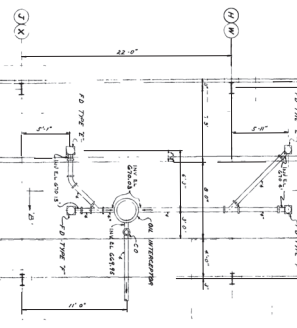
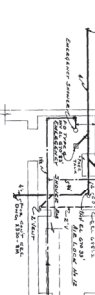
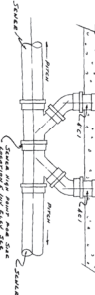
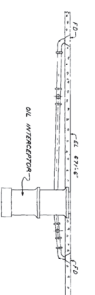
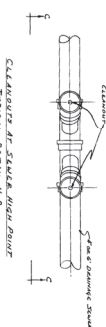
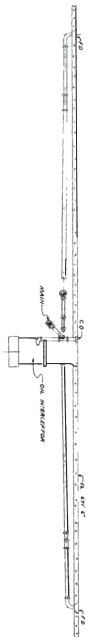
4 SEE WOPER LEVEL EXHAUST PLUMBER DETAILS, ITEM ⑥, ON DWG. NO. X-930-7305-M

5 ENCLOSED ITEM INDICATES * SHALL BE INCLUDED IN 5-C \$311.

[illegible]



NOTE THE FOLLOWING FILTER ROOMS HAVE BEEN REMOVED:
NO. 3 COIL, B-C, 24-27
NO. 19 COIL, B-C, 32-35

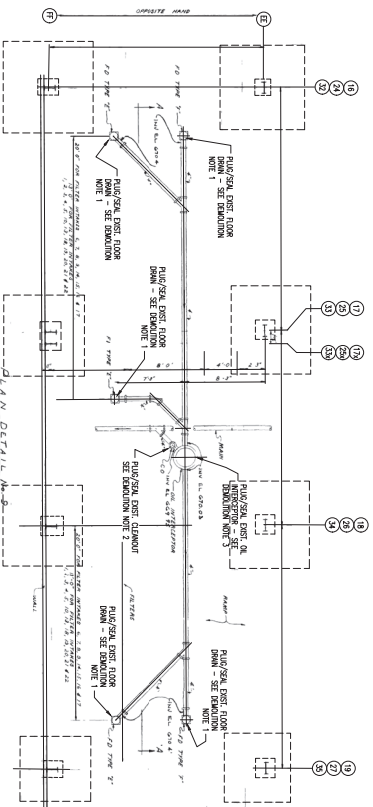


PLAN DETAIL No. 5B
DIMENSIONS FOR AIR INTAKE ROOMS NO. 21 & 24
DIMENSIONS FOR AIR INTAKE ROOMS NO. 11 & 12

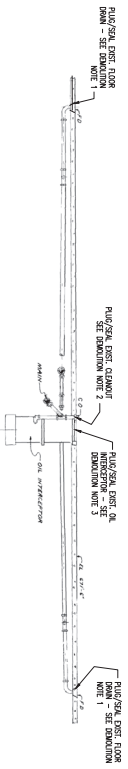
SECTION 7-1, 7-2
DIMENSIONS FOR AIR INTAKE ROOMS NO. 21 & 24
DIMENSIONS FOR AIR INTAKE ROOMS NO. 11 & 12

DETAILS OF DRAINAGE FOR FILTER ROOMS	
NO. 1	NO. 2
NO. 3	NO. 4
NO. 5	NO. 6
NO. 7	NO. 8
NO. 9	NO. 10
NO. 11	NO. 12
NO. 13	NO. 14
NO. 15	NO. 16
NO. 17	NO. 18
NO. 19	NO. 20
NO. 21	NO. 22
NO. 23	NO. 24
NO. 25	NO. 26
NO. 27	NO. 28
NO. 29	NO. 30
NO. 31	NO. 32
NO. 33	NO. 34
NO. 35	NO. 36
NO. 37	NO. 38
NO. 39	NO. 40
NO. 41	NO. 42
NO. 43	NO. 44
NO. 45	NO. 46
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NO. 69	NO. 70
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NO. 73	NO. 74
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NO. 99	NO. 100

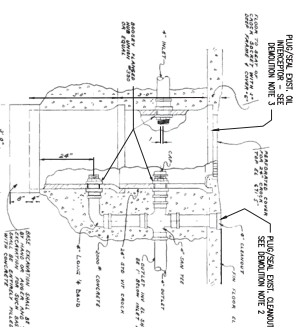
SECTION 7-1, 7-2
DIMENSIONS FOR AIR INTAKE ROOMS NO. 21 & 24
DIMENSIONS FOR AIR INTAKE ROOMS NO. 11 & 12



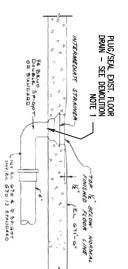
OPPOSITE HAND FOR AIR INTAKE ROOMS # 2, 3, 4 & 19



SECTION "A-A"



OIL INTERCEPTOR
TYPICAL FOR ALL AIR INTAKE ROOMS



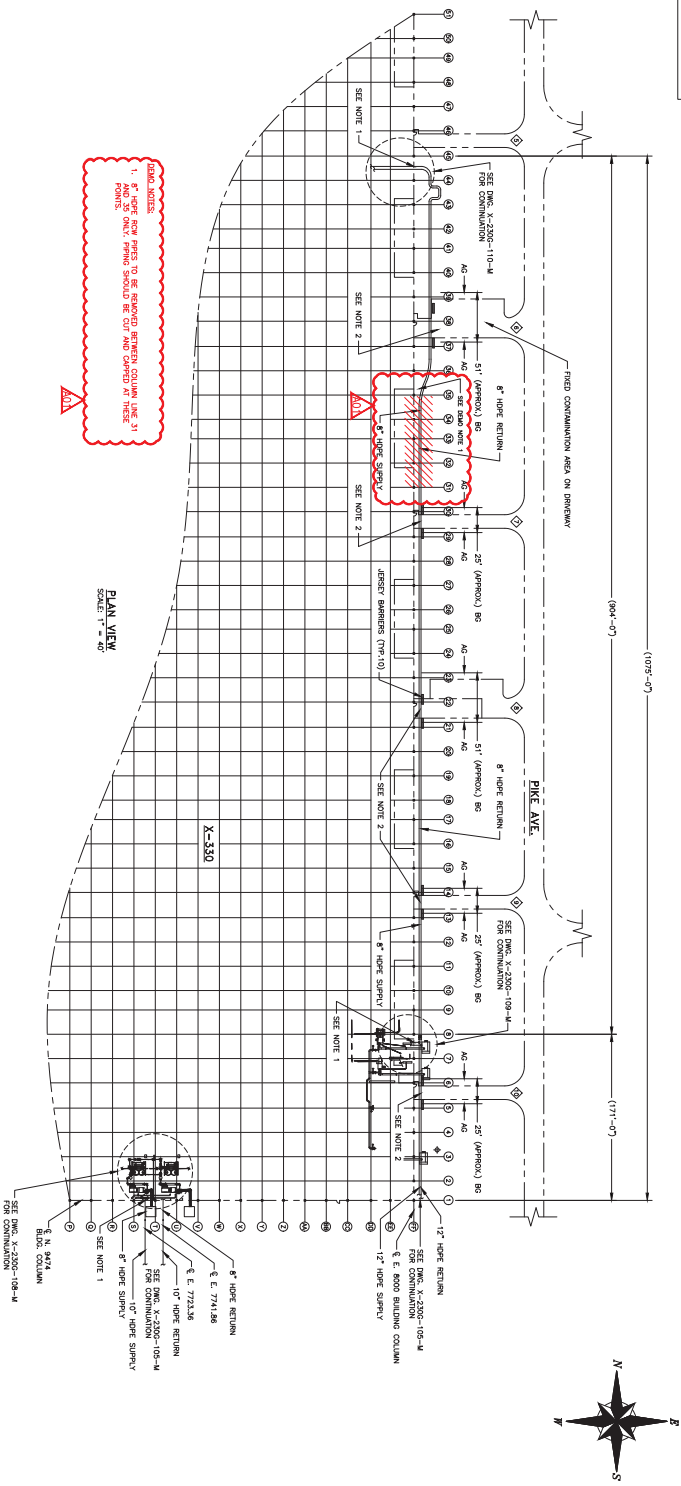
TYPICAL FLOOR DRAIN
TYPE 'E' - WITH SOLID COVER
TYPE 'F' - WITH STANDARD COVER

- ### DEQUALATION NOTES:
1. AT FLUOR ROOFS 2, 3, 4, 8, 9 FLUO/SEAL EXISTING FLOOR DRAINS IN PREPARATION FOR CONCRETE FILL
 2. AT FLUOR ROOFS 2, 3, 4, 8, 9 FLUO/SEAL EXISTING CLIMATE IN PREPARATION FOR CONCRETE FILL
 3. AT FLUOR ROOFS 2, 3, 4, 8, 9 FLUO/SEAL EXISTING OIL INTERCEPTOR IN PREPARATION FOR CONCRETE FILL
 4. PLUMB DRAINING GASKET ISSUES PER PLUMB OR SINKING APPROVED SEAL. MUST PROTECT DRAINING FROM IN REMAINING 1-230-57-5502.

This document has been reviewed and is UNCLASSIFIED and NOT CSOL. This review does not constitute clearance for public release.

#209 *006, SR6.

[illegible]



DEMO NOTES:

1. 8" HOPE ROW PIPES TO BE REMOVED BETWEEN COLUMN LINE 3 AND 35 ONLY. PIPING SHOULD BE CUT AND CAPPED AT THESE POINTS.

PLAN VIEW
SCALE: 1" = 40'

PLAN VIEW
SCALE: 1" = 40'

LEGEND:

ABOVE GRADE:	AG
BELOW GRADE:	BG
DOOR NUMBER:	

NOTES:

1. TRANSIT WALLS CONTAINING ASBESTOS WILL HAVE HOLES CUT BY USED-OS FOR PENETRATIONS.
2. DRYWALLS WILL BE REPAIRED TO MEET ORIGINAL CONDITIONS.
3. ALL NEW PIPE WILL BE ROUTED TO AVOID EXISTING INTERFERENCE.

[illegible]

This document has been reviewed and is UNCLASSIFIED and NOT LCN. This review does not constitute clearance for public release.

DTIC MANAGER
APPROVAL AND DATE

#209 418, 516

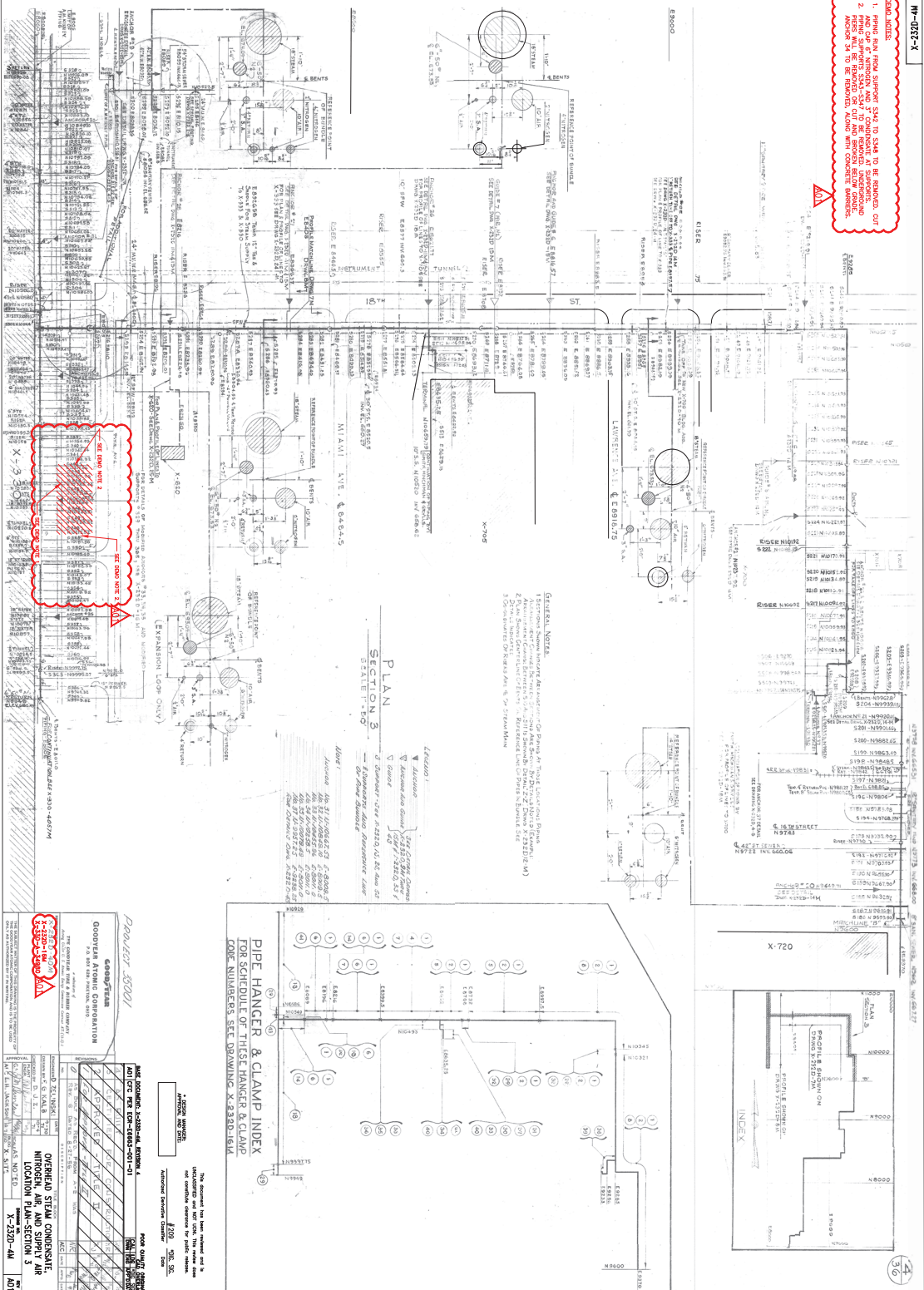
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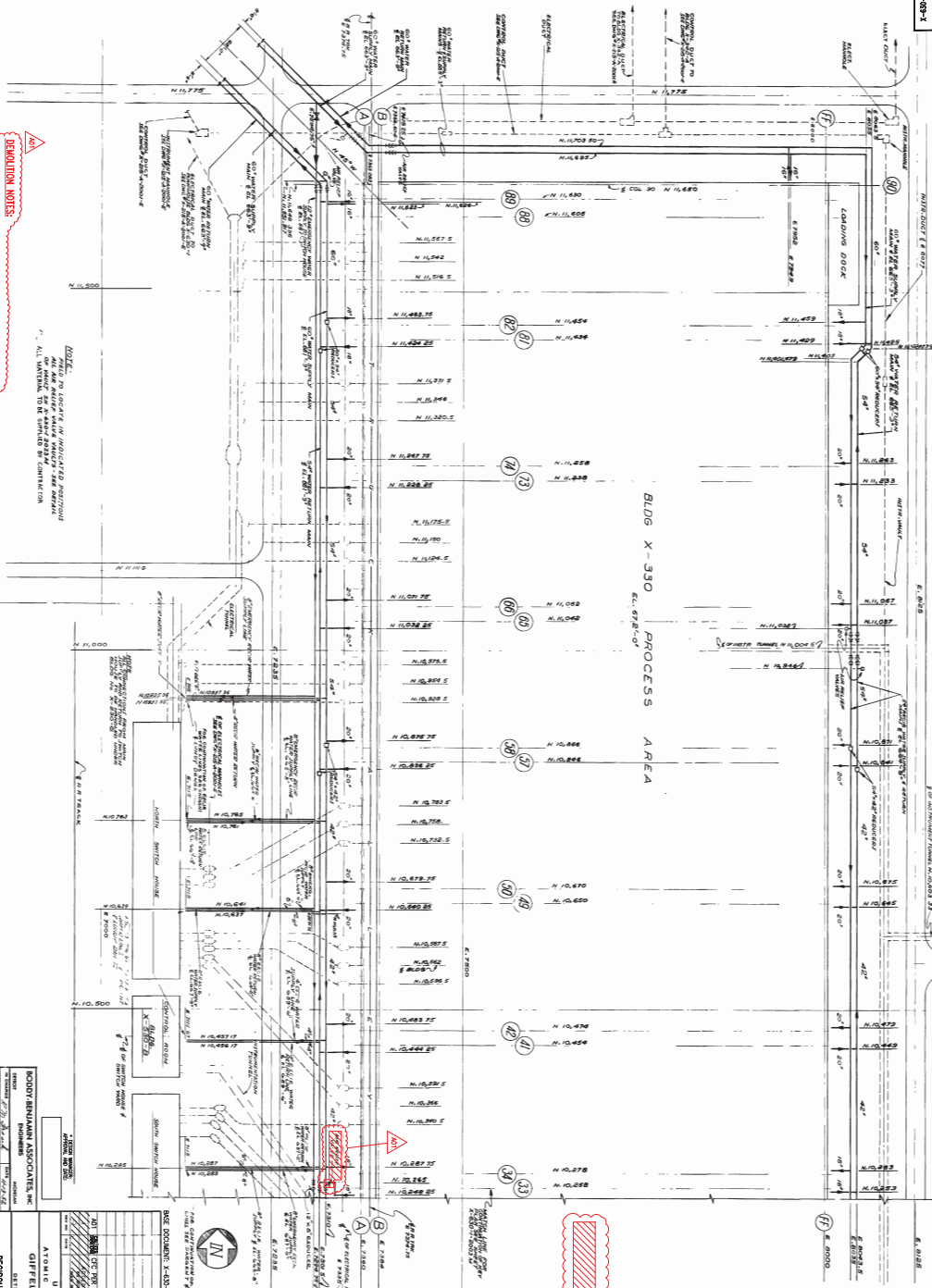
UNITED STATES ENRICHMENT CORPORATION
 **USEC** UNITED STATES ENRICHMENT CORPORATION
 P. O. BOX 628
 PICTON, OHIO 45661-0628
 A Equal Opportunity Employer

FILE X-630 DEACTIVATION NEW RECIRCULATING COOLING WATER (RCW) HEADER FOR X-330
--

SWD NO	REV
X-230G-107-M	A01

1. PIPING RUN FROM SUPPORT S342 TO S348 TO BE REMOVED. CUT AND CAP 6" NITROGEN AND 3" CONDENSATE AT SUPPORTS.
2. PIPING SUPPORTS S343-S347 TO BE REMOVED. UNDERGROUND PIPES WILL BE REMOVED OR CUT AND BROKEN BELOW GRADE. ANCHOR 34 TO BE REMOVED, ALONG WITH CONCRETE BARBERS.





- REVISION NOTES:**
1. AM BLDG PIPING TO BE DEMOLISHED TO WALK WALL. PIPING IS TO BE
 2. AM BLDG PIPING TO BE DEMOLISHED TO A MINIMUM OF 2' BELOW
 3. SEE TO DEMOLISH 1-400-1-200-1 FOR WALK WALLS.

UNDERGROUND PIPING KEY PLAN #2

PROJECT INFORMATION	
PROJECT NAME	RECYCLING WATER SYSTEM
PROJECT LOCATION	UNDERGROUND PIPING KEY PLAN #2
PROJECT NUMBER	RD00-1-200-1
PROJECT DATE	11/1/18
PROJECT STATUS	1-400-1-200-1
DESIGNER INFORMATION	
DESIGNER NAME	BOBBY BENJAMIN ASSOCIATES, INC.
DESIGNER ADDRESS	10000 N. 100TH AVE., SUITE 100, EDEN PRAIRIE, MN 55424
DESIGNER PHONE	952-938-1111
DESIGNER FAX	952-938-1112
DESIGNER EMAIL	BOBBY@BOBBYBENJAMIN.COM
DESIGNER WEBSITE	WWW.BOBBYBENJAMIN.COM
CLIENT INFORMATION	
CLIENT NAME	ATOMIC ENERGY COMMISSION
CLIENT ADDRESS	10000 N. 100TH AVE., SUITE 100, EDEN PRAIRIE, MN 55424
CLIENT PHONE	952-938-1111
CLIENT FAX	952-938-1112
CLIENT EMAIL	BOBBY@BOBBYBENJAMIN.COM
CLIENT WEBSITE	WWW.BOBBYBENJAMIN.COM

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BOBBY BENJAMIN ASSOCIATES, INC.

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952-938-1111

952-938-1112

BOBBY@BOBBYBENJAMIN.COM

WWW.BOBBYBENJAMIN.COM

11/1/18

RD00-1-200-1

1-400-1-200-1

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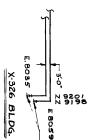
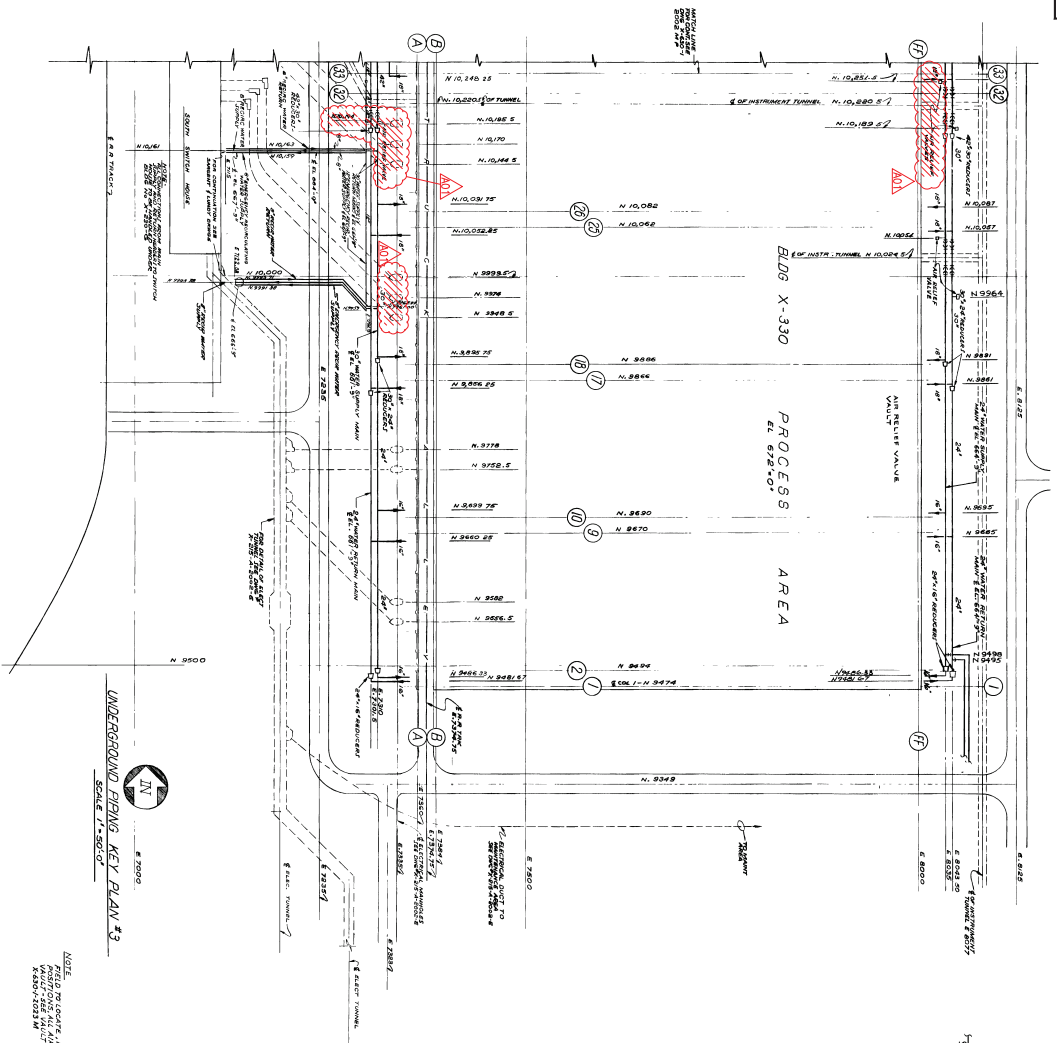
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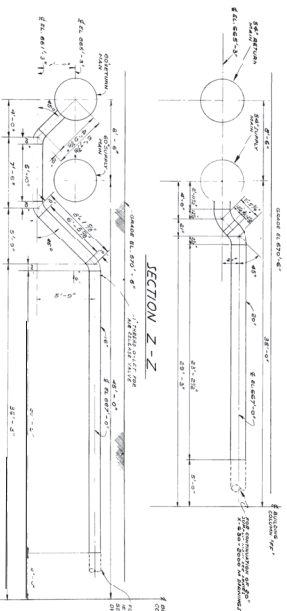
16" RCW SUPPLY/
RETURN LINES SADDLED INTO
24 HEADERS BETWEEN X382/
X330 WITH VALVE VAULTS/
GATE VALVES ADJ TO TIE-IN
PTS AS SHOWN.

- DEMOLITION NOTES:**

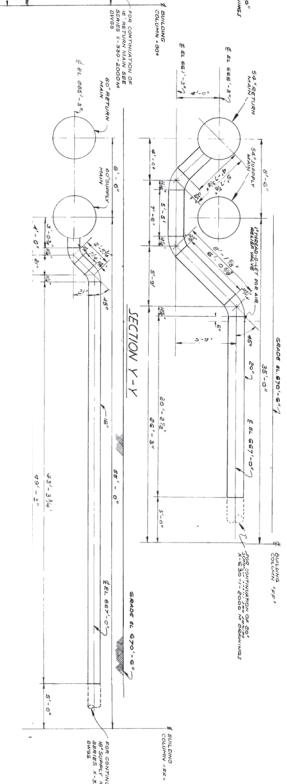
 1. ARE RELIEF PILING TO BE CONSIDERED TO WALT WALL. PILING IS TO BE CONSIDERED TO PREVENT MOVES OF FOREIGN DRILLS.
 2. ARE RELIEF WALLS ARE TO BE CONSIDERED TO A MINIMUM OF 2' BELOW EXISTING GRADE.
 3. REFERS TO DRAWING X-430-1-2023 FOR WALL DETAILS.

ITEMS TO BE DOWNGRADED
UNDER ECR-66663-001-01

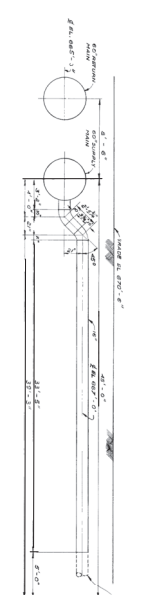
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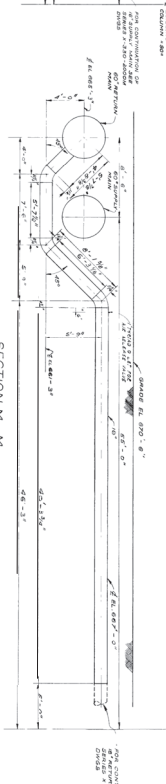
SECTION Z-Z



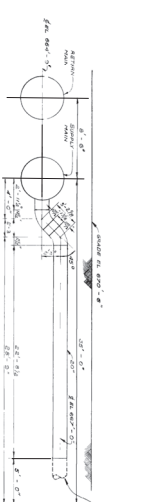
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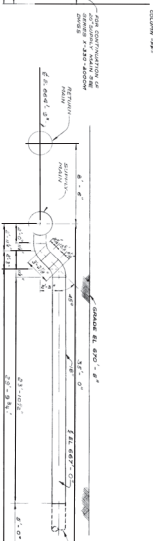
SECTION K - K



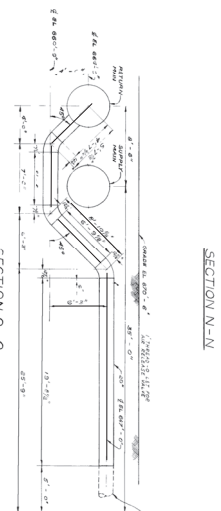
SECTION M - M



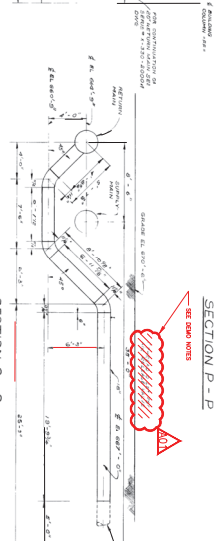
SECTION N-N



SECTION P - P



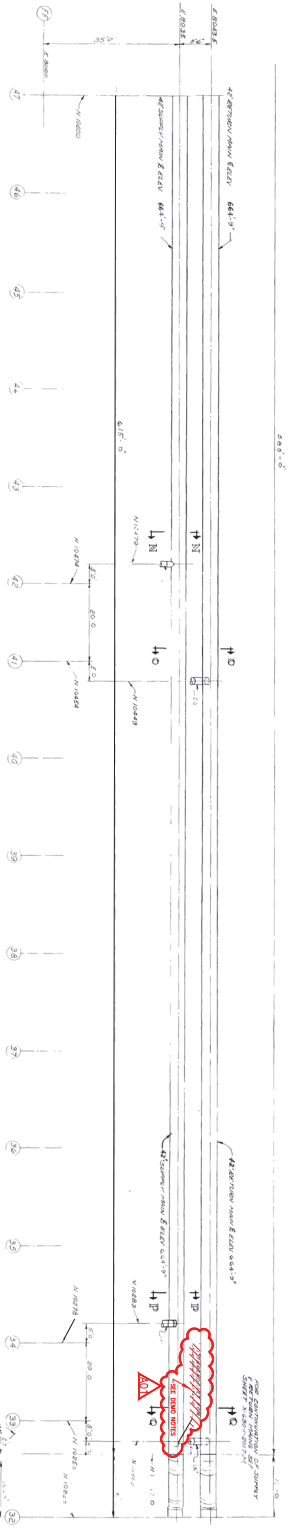
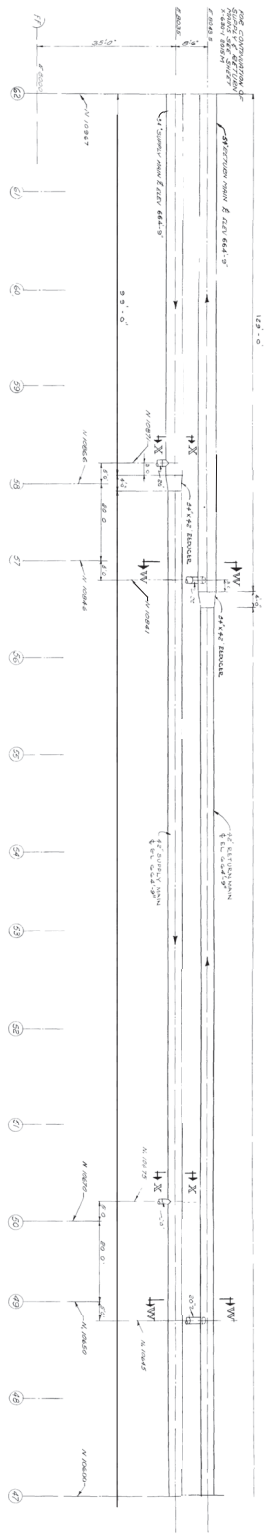
SECTION 0 - 0



SECTION Q - Q

1. AIR RELIEF PIPING TO BE REMOVED TO VAULT WALLS. PIPING SHOULD BE CUT AND CAPPED.
2. AIR RELIEF VAULT TO BE REMOVED. VAULT CAN BE REMOVED OR CUT/BROKEN A MINIMUM OF 2' BELOW GRADE.

KODDY BUILDING ASSOCIATES, INC. ENGINEERS		GIFFEY & VALLETT, INC. ENGINEERS	
IN CHARGE OF THIS SURVEY (NAME AND ADDRESS) DATE OF SURVEY TIME OF DAY	DATE OF SURVEY TIME OF DAY	DATE OF SURVEY TIME OF DAY	
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REGULATING WATER SYSTEM UNIT BRANCH CONNECTIONS SHEET 2		REGULATING WATER SYSTEM UNIT BRANCH CONNECTIONS SHEET 2	
C. H. GIFFEY ENGINEER	C. H. GIFFEY ENGINEER	C. H. GIFFEY ENGINEER	C. H. GIFFEY ENGINEER
5-1-1933	5-1-1933	5-1-1933	5-1-1933
X-630-1-2009 M	X-630-1-2009 M	X-630-1-2009 M	X-630-1-2009 M
101	101	101	101



- DEMO NOTES:
1. AIR RELIEF PIPING TO BE REMOVED TO VAULT WALL. PIPING SHOULD BE CUT AND CAPPED.
 2. AIR RELIEF VAULTS TO BE REMOVED. VAULTS CAN BE REMOVED OR

[illegible]

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#209 #00, S0.

Authorized Distributing Character Date

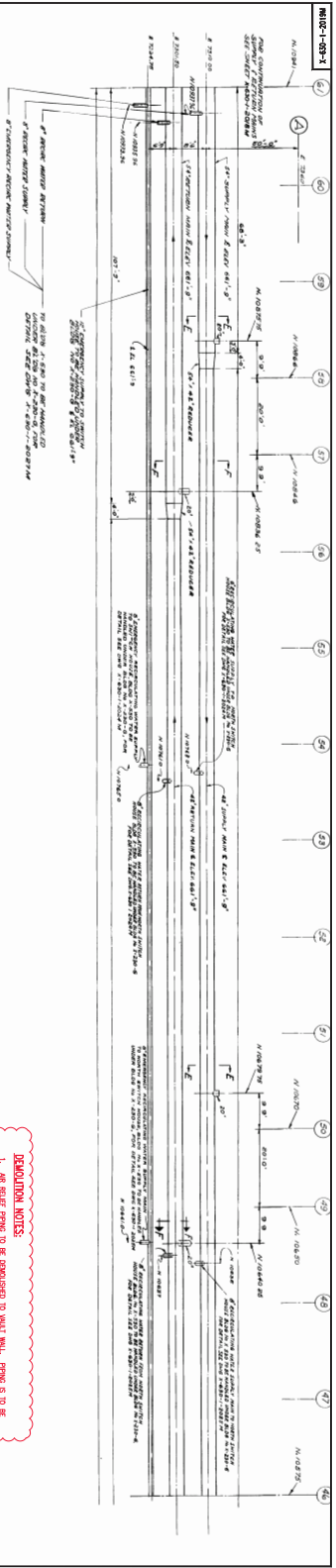
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This document has been released only in UNCLASSIFIED and NOT USCL. This release does not constitute clearance for public release.

#209 #00, S0.

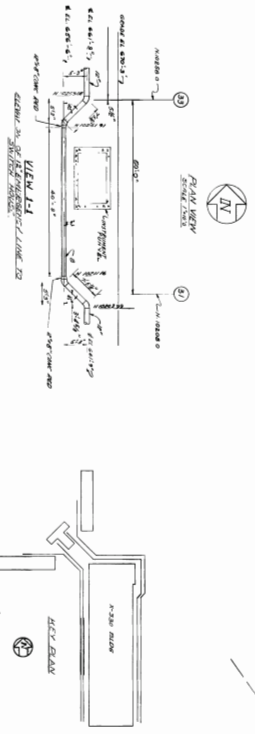
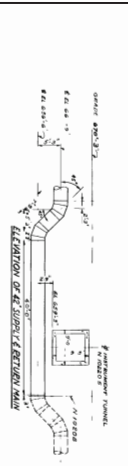
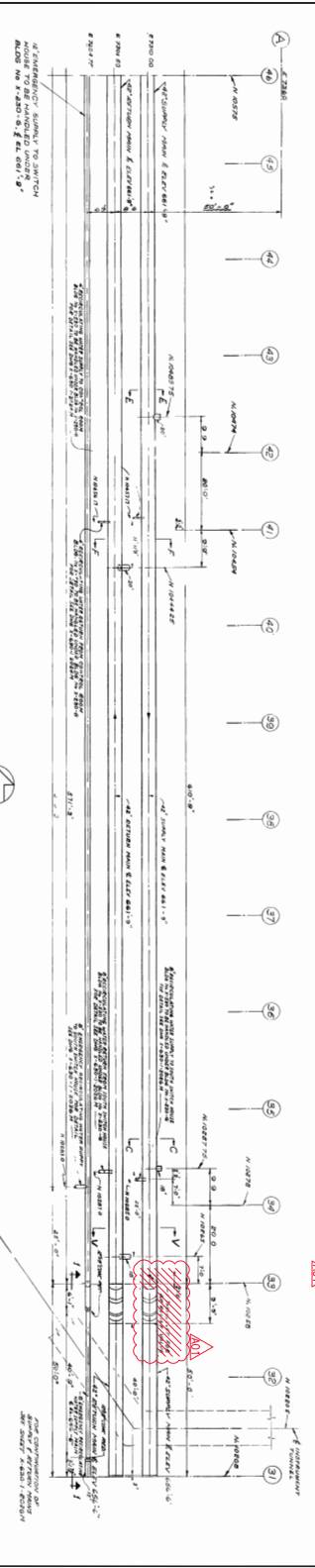
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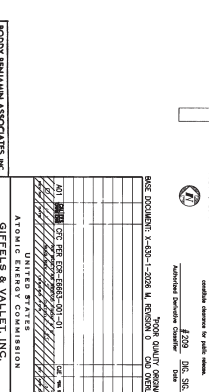
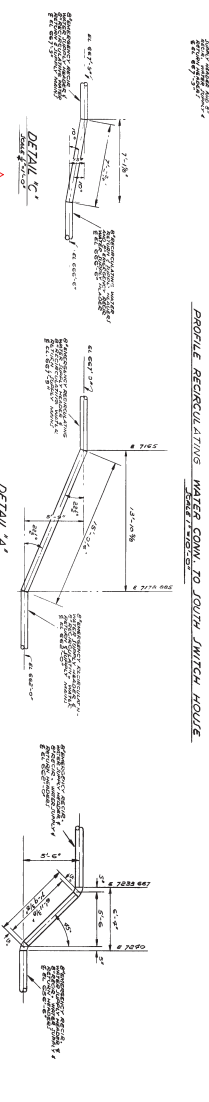
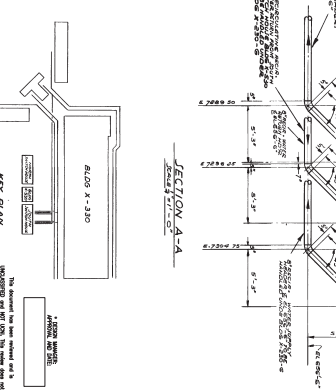
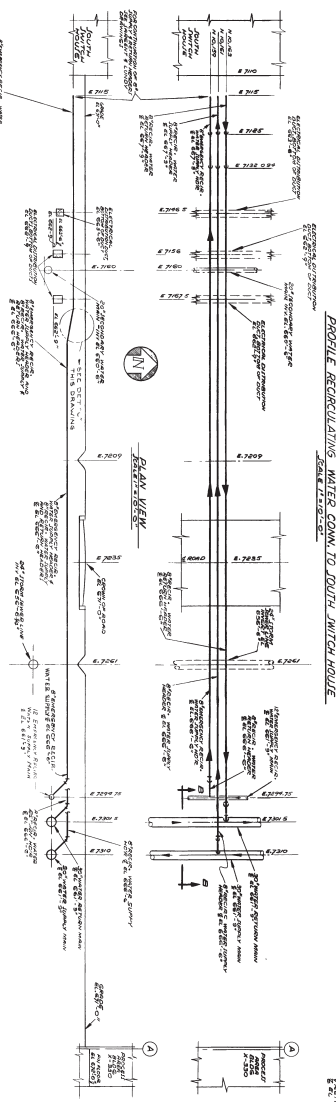
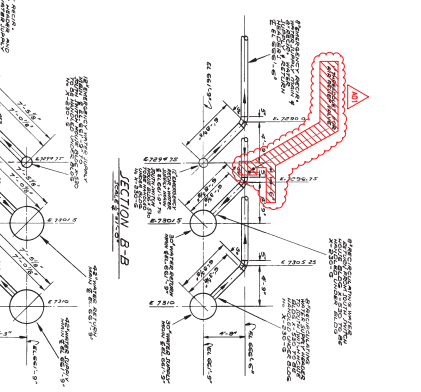
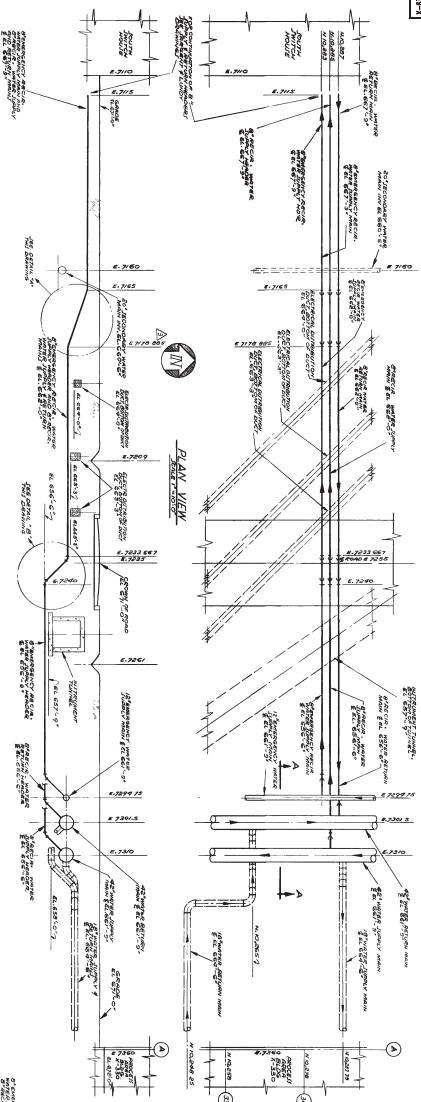
REVISION NOTES

1. ALL REVISIONS TO BE APPROVED BY THE PROJECT MANAGER.
2. ALL REVISIONS TO BE APPROVED BY THE PROJECT MANAGER.
3. ALL REVISIONS TO BE APPROVED BY THE PROJECT MANAGER.



REVISIONS NO. DATE BY DESCRIPTION 1 11/15/19 JH/ML 12" MAIN LINE 2 11/15/19 JH/ML 6" MAIN LINE 3 11/15/19 JH/ML 4" MAIN LINE	
PROJECT INFORMATION PROJECT NO. X-530-1-2019A SHEET NO. 401 DATE 11/15/19	

PROJECT INFORMATION PROJECT NO. X-530-1-2019A SHEET NO. 401 DATE 11/15/19	
REVISIONS NO. DATE BY DESCRIPTION 1 11/15/19 JH/ML 12" MAIN LINE 2 11/15/19 JH/ML 6" MAIN LINE 3 11/15/19 JH/ML 4" MAIN LINE	



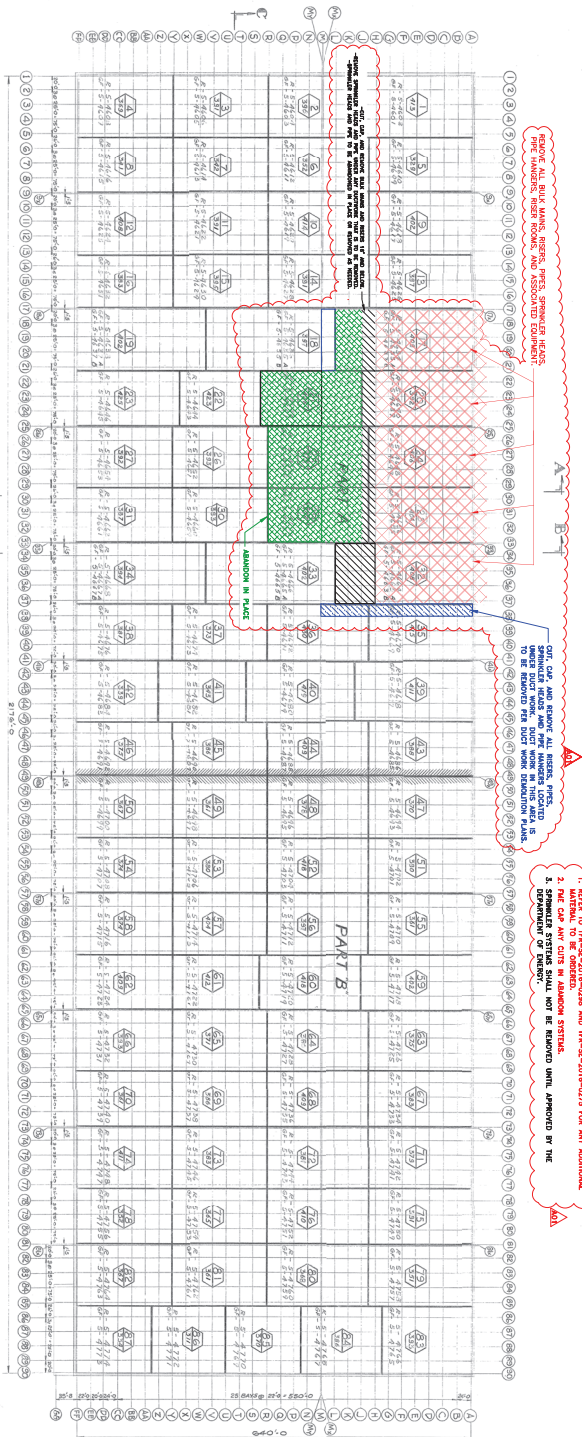
DEMOLITION NOTES:

1. AIR BELIEF PILING TO BE DEMOLISHED TO WALL WALL. PILING IS TO BE CAPPED TO PREVENT INGRESS OF FOREIGN DEBRIS.
2. AIR BELIEF WALLS ARE TO BE DEMOLISHED TO A MINIMUM OF 2' BELOW EXISTING GRADE.
3. REFER TO DRAWING X-630-1-2023 FOR WALL DETAILS.

THIS TO BE DEMOLISHED
UNDER ECR-6663-001-01

SEARCHED	INDEXED	SERIALIZED	FILED
APR 19 1968			
FBI - NEW YORK			
TO DIRECTOR (100-441100)			
FROM NEW YORK (100-441100)			
SUBJECT: [REDACTED]			

[illegible]



REMOVE ALL BUILDING MATERIALS, SPRINKLER HEADS, AND PIPES LOCATED IN THE BUILDING AND EXPOSED TO THE EXTERIOR.

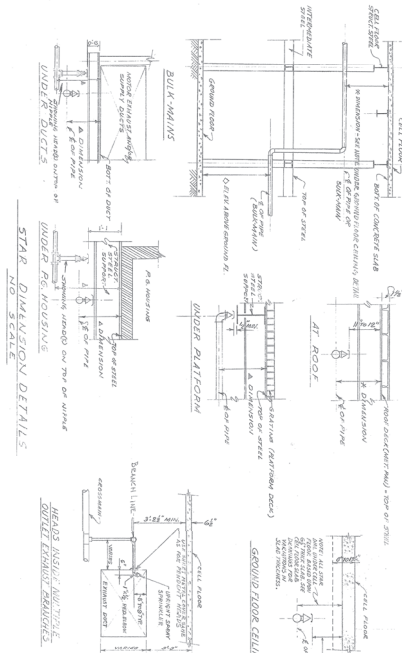
REMOVE ALL BUILDING MATERIALS, SPRINKLER HEADS, AND PIPES LOCATED IN THE BUILDING AND EXPOSED TO THE EXTERIOR.

- REMARKS:
1. MATERIAL TO BE ORDERED.
 2. THE CITY AND CIVIL ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DEPARTMENT OF ENERGY.

A-1 B-1

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND STANDARDS.
2. ALL MATERIALS SHALL BE OF THE BEST QUALITY AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND STANDARDS.
4. ALL MATERIALS SHALL BE OF THE BEST QUALITY AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.
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9. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND STANDARDS.
10. ALL MATERIALS SHALL BE OF THE BEST QUALITY AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.

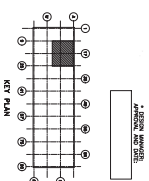


STAR DIMENSION DETAILS
NO SCALE

MEANS INSIDE WALLS
BUILDING EXTERIOR

X-350 4-4800
X-350 4-4800
X-350 4-4800

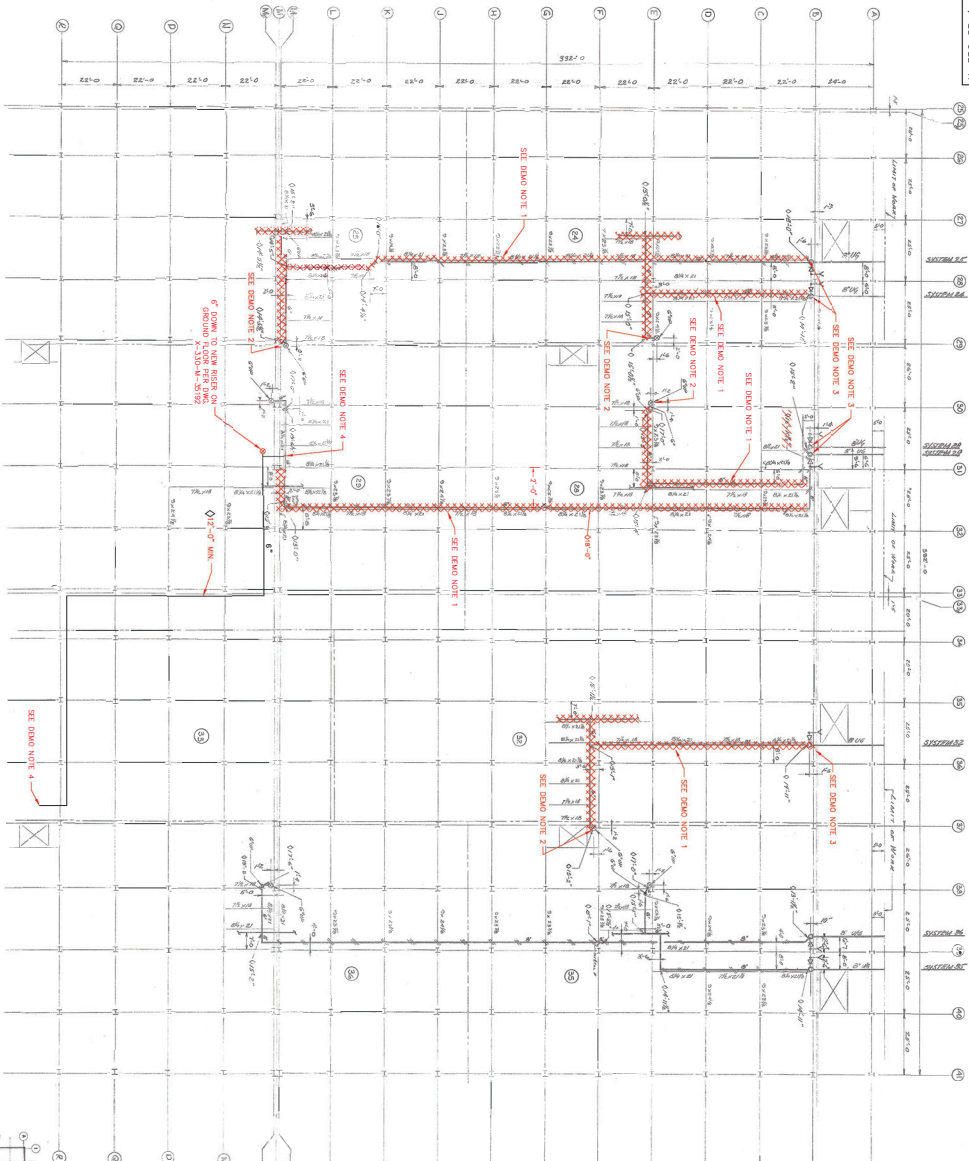
KEY PLAN BUILDING X-350
UNITED STATES
ATLANTA, GEORGIA
ARCHITECT: J. H. HARRIS & COMPANY
ENGINEER: J. H. HARRIS & COMPANY
DATE: 1940
SCALE: 1/4" = 1'-0"
NOTES: SEE KEY PLAN FOR DETAILS



POOR QUALITY ORIGINAL
BASE DOCUMENT X-350 SP 4-4612 REVISION 0
CAG 0762

FOR DETAILS OF PIPE MANAGERS & GENERAL NOTES SEE SHEET 4.43.11
MANIFES FOR CROSS MANIFES ARE
SHOWN ON SEPARATE PLANS.

PART NUMBER		NAME	DATE	REVISION	REVISION
A006		T. D. WILKINSON	5-22-58	1	1
X-330 SP 4-4614		5-22-58	4-24-58	5-24-58	
X-330 SP 4-4615		5-22-58	5-22-58	5-22-58	
X-330 SP 4-4616		5-22-58	5-22-58	5-22-58	
X-330 SP 4-4617		5-22-58	5-22-58	5-22-58	
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X-330 SP 4-4661		5-22-58	5-22-58	5-22-58	
X-330 SP 4-4662		5-22-58	5-22-58	5-22-58	
X-330 SP 4-4663		5-22-58	5-22-58	5-22-58	
X-330 SP 4-4664		5-22-58	5-22-58	5-22-58	
X-330 SP 4-4665		5-22-58	5-22-58	5-22-58	
X-330 SP 4-4666		5-22-58	5-22-58	5-22-58	
X-330 SP 4-4667		5-22-58	5-22-58	5-22-58	
X-330 SP 4-4668		5-			



- REMARKS:**
1. REMOVE ALL EXIST. MAIN, RISER, PUMP, SPRINKLER HEADS, AND PIPE UNLESS SHOWN OTHERWISE.
 2. REMOVE ALL EXIST. SPRINKLER PIPING UNLESS SHOWN OTHERWISE.
 3. REMOVE ALL EXIST. SPRINKLER PIPING IN SPARKER CABINET CAN BE REMOVED. SEE 4. FOR DETAILS.
 4. REMOVE ALL EXIST. SPRINKLER PIPING IN SPARKER CABINET CAN BE REMOVED. SEE 4. FOR DETAILS.
 5. REMOVE ALL EXIST. SPRINKLER PIPING IN SPARKER CABINET CAN BE REMOVED. SEE 4. FOR DETAILS.
 6. FINE C&M ANY C&M IN REMOVED SYSTEMS.
 7. SPRINKLER SYSTEM SHALL NOT BE REMOVED UNTIL APPROVED BY THE SUPERVISOR OF REMOVAL.

NOTE: DETAILS OF PIPE ROUTING & REMOVAL TO BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. SEE 4. FOR DETAILS.

PROJECT INFORMATION

PROJECT: BULK MAIN TANK AND RING PLAN
SHEET: 14-4614-01-01
DATE: 10/1/2014
DRAWN BY: J. L. HARRIS
CHECKED BY: J. L. HARRIS
APPROVED BY: J. L. HARRIS

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	10/1/2014
2	REVISED PER COMMENTS	10/1/2014

DESIGNER
J. L. HARRIS
10/1/2014

CHECKER
J. L. HARRIS
10/1/2014

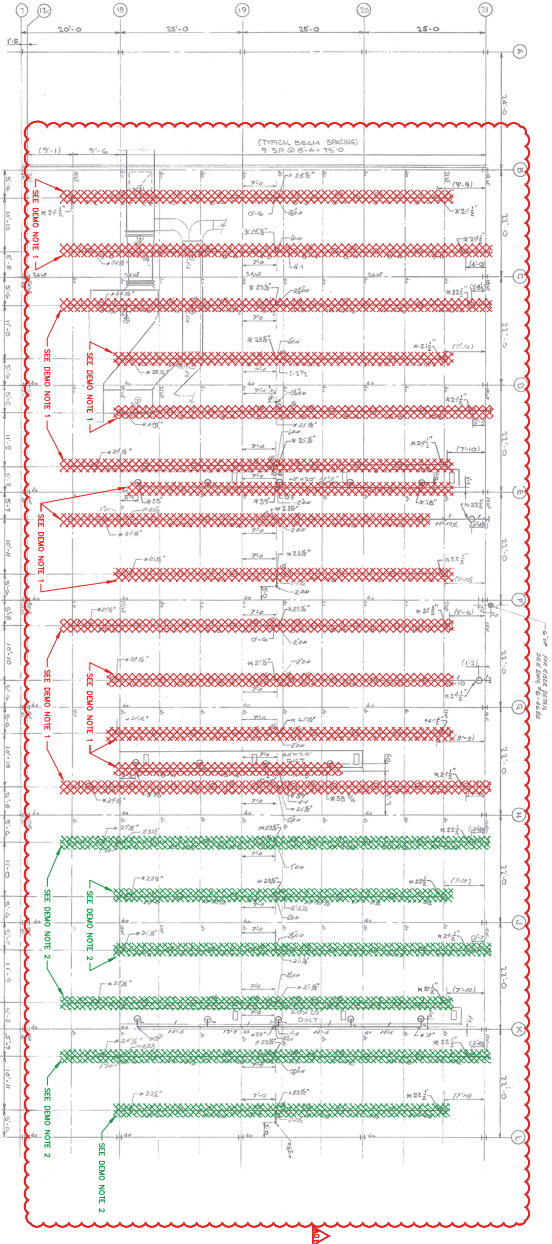
APPROVER
J. L. HARRIS
10/1/2014

PROJECT MANAGER
J. L. HARRIS
10/1/2014

CLIENT
ATKINS
10/1/2014

PROJECT LOCATION
X-330 SP 4-4614 A02

- DEAD NOTES**
1. REMOVE ALL BLACK MARKS, NOTES, PENS, SPRINKLER HEADS, AND PIPE TAPERS.
 2. ABANDON IN PLACE MAY BE REMOVED AS REQUIRED.
 3. MATERIALS TO BE REMOVED.
 4. THE CAP AND CUTS IN ABANDON SYSTEMS.
 5. DEPARTMENT OF FIREWORKS NOT BE REMOVED UNTIL APPROVED BY THE



ALL RISER SUPPLIES ARE 1" UNLESS NOTED

SPRINKLER LAYOUT - GROUND FLOOR

CHS. NO. AND RISES SHOWN

SPRINKLER LAYOUT

SYMBOL	DESCRIPTION
	FIRE ALARM PULL STATION
	FIRE ALARM RESET BUTTON
	FIRE ALARM CONTROL UNIT
	FIRE ALARM NOTIFICATION APPLIANCE
	FIRE ALARM CONTROL UNIT WITH REMOTE SIGNALING
	FIRE ALARM CONTROL UNIT WITH REMOTE SIGNALING AND ALARM RESET BUTTON

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SPRINKLER PLAN

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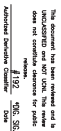
SPRINKLER PLAN

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NOTE
SPRINKLER HEADS SHOWN IN MOTOR
EXHAUST DUCT BRANCHES NOT INSTALLED

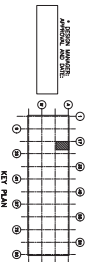
POOR QUALITY ORIGINAL

[illegible]

SPINNER SYMBOLS

①	22½°	INDICATE TYPE
②	32½° 50½°	& HEAD TAPER
③	SPECIAL SP 41	
④	PENICANT	INSIDE MOTOR
⑤	PENICANT	EXHAUST DOCT
⑥	PENICANT	NOT INSIDE
⑦	UPRIGHT	HEAD DOCT
⑧	DOCT	INSIDE

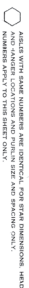
SPRINKLER LAYOUT-GROUND FLOOR
UNDER DUCTS
SCALE: 1/8" = 1'-0"

[illegible]

NOTE:
SPRINKLER HEADS LOCATED ABOVE
THE EXHAUST DUCTS HAVE BEEN
REMOVED AND PLUGGED.

[illegible]

- DEMO NOTES**
1. REMOVE ALL BULK TANKS, SPRINKLERS, RETERS, AND FIRE HANGERS.
 2. ABANDON IN PLACE MAY BE REMOVED AS WITNESSED.
 3. RETIRE TO 776-5-2016-0208 AND 776-5-2016-0275 FOR ANY ADDITIONAL MATERIAL TO BE ORDERED.
 4. FIRE CAMP MAY CUTS IN ABANDON SYSTEMS.
 5. SPRINKLER SYSTEMS SHALL NOT BE REMOVED UNTIL APPROVED BY THE DEPARTMENT OF ENERGY.

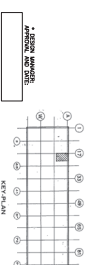


SPRINKLER LAYOUT
UNDER ROOF DECK
SCALE 1/8" = 1'-0"

DEMO NOTES

1. CUT AND CAP 6" SPRINKLER HORN AT A CONVENIENT HEIGHT ABOVE CELL FLOOR.
2. ABANDON IN PLACE MAY BE REMOVED AS NEEDED.
3. REFER TO T78-SF-2016-0288 AND T78-SF-2016-0275 FOR ANY ADDITIONAL MATERIAL TO BE ORDERED.
4. THE CAP MAY GO OUT IN ABANDON SYSTEMS.
5. SPRINKLER SYSTEMS SHALL NOT BE REMOVED UNTIL APPROVED BY THE DEPARTMENT OF ENERGY.

AUTO SPARKPLUGS (COUNT)	
 21+  203  227-367 SPECIAL = SPECIAL =	TOTAL SPARKPLUGS THIS SHEET: 233
ORDER NO. TITLE REFERENCE DRAWING	NO. 1-10-1-200 DO NOT REMOVE THIS STAMP DATE OF ISSUE DATE OF CANCELLATION REFERENCE DRAWING

[illegible]

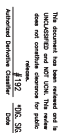


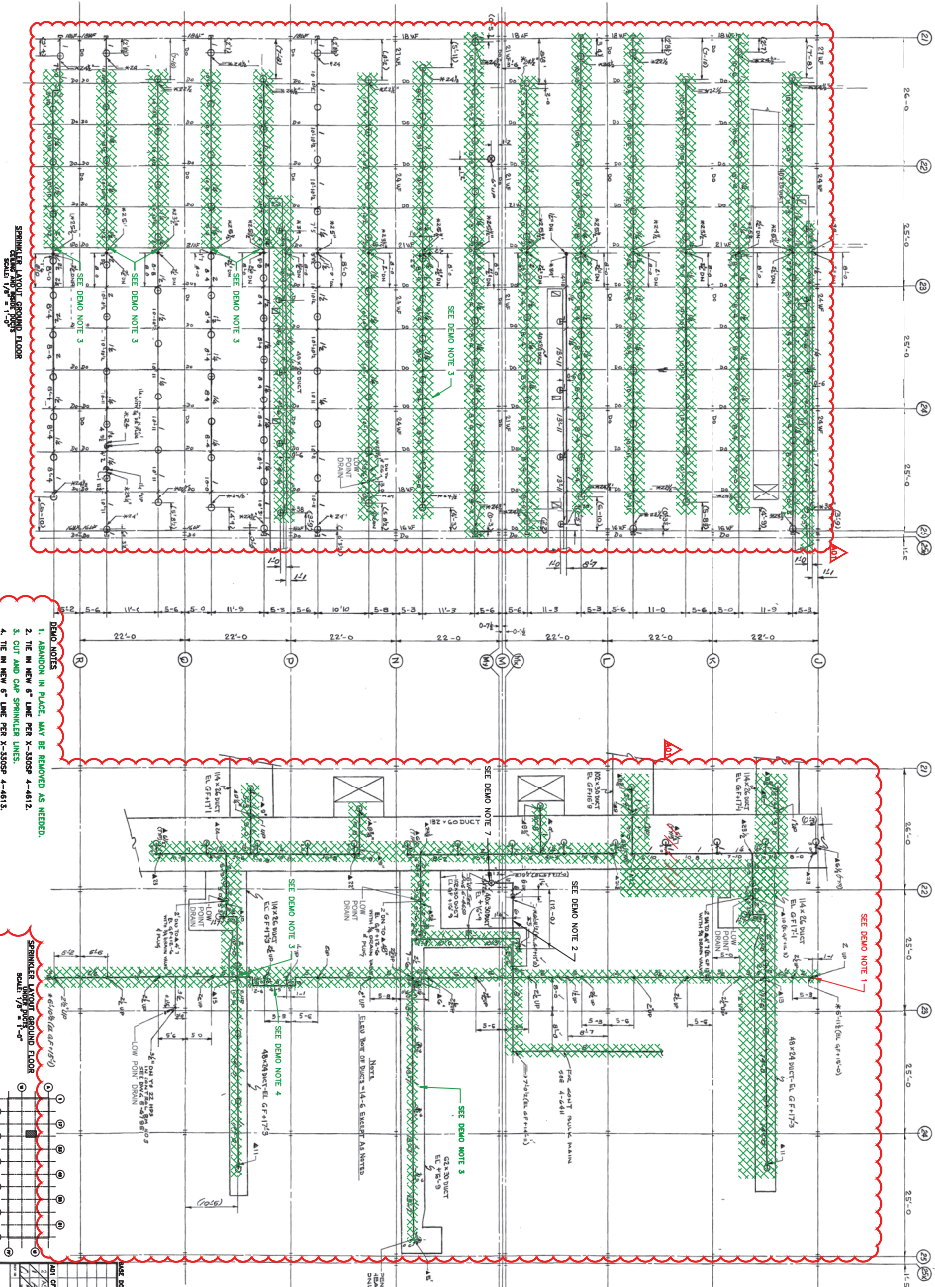
POOR QUALITY ORIGINAL

SPRINKLER LAYOUT - GROUND FLOOR
UNDER DUCTS

SPRINKLER LAYOUT-GROUND FLOOR
UNDER DUCTS
SCALE 1/8" = 1'-0"

[illegible]





HYDRAULIC SYMBOLS	PIPE SYMBOLS	FITTING SYMBOLS	VALVE SYMBOLS
ALARM VALVE IN RISER	ALARM VALVE IN RISER	ELBOW	CHECK VALVE
ALARM VALVE IN RISER	ALARM VALVE IN RISER	TEE	CHECK VALVE
ALARM VALVE IN RISER	ALARM VALVE IN RISER	TEE	CHECK VALVE
ALARM VALVE IN RISER	ALARM VALVE IN RISER	TEE	CHECK VALVE

SPRINKLER SYMBOLS	WATER MAINS SYMBOLS
ALARM VALVE IN RISER	ALARM VALVE IN RISER
ALARM VALVE IN RISER	ALARM VALVE IN RISER
ALARM VALVE IN RISER	ALARM VALVE IN RISER
ALARM VALVE IN RISER	ALARM VALVE IN RISER

SPRINKLER SYMBOLS	WATER MAINS SYMBOLS
ALARM VALVE IN RISER	ALARM VALVE IN RISER
ALARM VALVE IN RISER	ALARM VALVE IN RISER
ALARM VALVE IN RISER	ALARM VALVE IN RISER
ALARM VALVE IN RISER	ALARM VALVE IN RISER

UNITED STATES ATOMIC ENERGY COMMISSION INDUSTRIAL ENGINEERING DIVISION-CLEVELAND, OHIO 312 SPRINKLER PLAN X-330SP-5-4641 A01	DATE: 10/1/74 BY: J. N. CHECKED: J. N. APPROVED: J. N. X-330SP-5-4641 A01
--	--

NOTE: SPRINKLER HEADS SHOWN IN NOTES
EXHAUST DUCT (SPRINKLER NOT INSTALLED)
DO NOT REMOVE SPRINKLER HEADS
UNTIL APPROVED BY THE
ENGINEER



KEY PLAN

* DESIGN MANAGER
APPROVAL AND DATE:

AUTO SPRINKLER (COUNT)	
 2 1/2" = 1/3  3" = SPECIAL # = SPECIAL # =	
RISE/NO. = TITLE = REFERENCE DRAWINGS =	
RISE/NO. = TITLE = REFERENCE DRAWINGS =	

[illegible]

[illegible]



This document has been reviewed and is UNCLASSIFIED and NOT LONE. This review does not constitute clearance for public release.

#192 *D6. S6.

Authorized Derivative Classifier Date

NOTE
SPRINKLER HEADS SHOWN IN MOTOR
EXHAUST DUCT BRANCHES NOT INSTALLED

NOTE
NOT EL AT ALL DIVERS EFF+16.5 UNLESS NOTED

SPRINKLER LAYOUT - GROUND FLOOR

ALL RISER NIPPLES ARE 1"
UNLESS NOTED

KEY PLAN

* PERSON MANAGING APPOINTMENT AND DATE:

1001

[illegible]

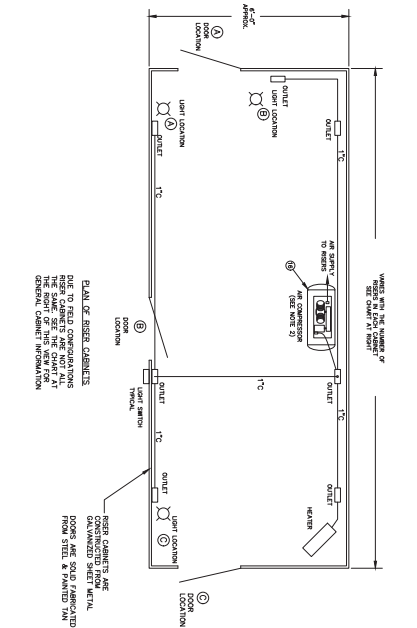
Δ01

1-800-4-A-RENT
1-800-4-A-RENT

[illegible]

—○—	212°	=
—●—	323°-360°	=
SPECIAL		=
SPECIAL		=

[illegible]



X-330 EAST RISER CABINET SCHEDULE

STREET	SPRINKLER	SPEC. DISCH.	DOOR LOC.	ARC CORR.	COMMENTS
332	X	17 1/2 47-27	Left 2500		
333	X	17 1/2 47-27	Frontal	AC-28	
334	X	17 1/2 47-27	Right 2500		
335	X	17 1/2 47-27	Frontal	AC-28	
336	X	17 1/2 47-27	Frontal	AC-28	
337	X	17 1/2 47-27	Frontal	AC-28	
338	X	17 1/2 47-27	Frontal	AC-28	
339	X	17 1/2 47-27	Frontal	AC-28	

Notes: 1. All of the above are in the same category of 17-24-30.

X-330 NORTH RISER CABINET SCHEDULE

SYSTEM	PARAMETER	ENCLOSURE	ROOM LOG	AIR COMP.	COMMENTS
312	X	507-72-8-60	FRONT-4N		
313	X	507-72-8-60	FRONT-4N		
314	X	507-72-8-60	FRONT-4N	AC-3	
315	X	507-72-8-60	FRONT-4N	AC-3	
316	X	507-72-8-60	FRONT-4N	AC-3	
317	X	507-72-8-60	FRONT-4N	AC-3	
318	X	507-72-8-60	FRONT-4N	AC-3	
319	X	507-72-8-60	FRONT-4N	AC-3	
320	X	507-72-8-60	FRONT-4N	AC-3	
321	X	507-72-8-60	FRONT-4N	AC-3	

OTHER NOTES: REPAIRS DONE IN ROOM OF 507-72-8-60

X-330 WEST RISER CABINET SCHEDULE

[illegible]

This document has been reviewed and is UNCLASSIFIED and NOT UCL. This review does not necessarily represent the official

General note: All cabinets incomplete at time of walk-down 07-24-2004

\$ 203 210, 210,

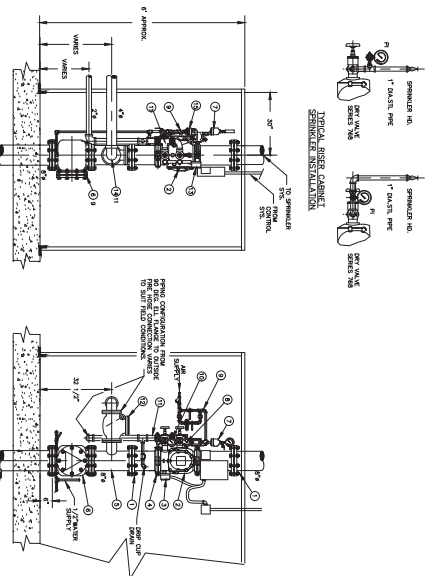
 Authorized Derivative Classifier Date

PENING MAY VARY DUE TO FIELD CONDITIONS. DETAILS ARE NOT LIMITED TO SPECIFIC BUILDINGS. THE DETAILS MAY APPLY TO OTHER BUILDINGS.

THE METALLIC DRY VALVE, SERIES 766 AND THE TRIM PACKAGES REQUIRED FOR INSTALLATION ARE DESCRIBED IN ERE PROTECTIVE PRODUCTS-DEVICES SERVICE DOCUMENT 50.60 PAGES 1 THRU 16.

* DESIGN MANAGER:
APPROVAL AND DATE:

FOR CONTINUATION
SEE DRAWING
X-330SP-6--004



1. THE ORIENTATION/LOCATION OF THE RISER COMPONENTS ABOUT (OR RELATIVE TO) THE VERTICAL AXIS WAVES TO SIFT FIELD CONDITIONS. LOCATION IS ALONG AN INSIDE WALL OF THE ENCLOSURE, BUT IT WAVES FROM ONE ENCLOSURE TO ANOTHER TO SIFT FIELD CONDITIONS. USE THE LIGHT, THE AIR COMPRESSORS AND THE HEATER HAVE PIG TAIL COILS AND ARE PLUGGED INTO ELECTRICAL OUTLETS TO FACILITATE REMOVAL AND/OR REPLACEMENT.
2. **REMOVAL SERVICE SEE A-330-9-1-2012 FOR MODIFICATIONS**
3. SPRINKLER SYSTEM SHALL NOT BE REMOVED UNTIL APPROVED BY THE COMMANDER OF ENEMY.

[illegible]

REFERENCE DRAWINGS

ATTENTION: DRAWING		FIELD COMMENTS	
X-330-59-6-004 DWG. 78-7832-M DATE: 1-23-82 DESIGNED BY: J. L. B. 10/72			
PER: (CHECK ONE) ☐ REVISION ☐ AS NOTED		DATE & HEART DATE: 1-23-82 TIME: 10:00 AM DRAWN BY: J. L. B. CHECKED BY: J. L. B.	
NO. 1 1/2" = 1'-0" 1/4" = 1'-0" 1/8" = 1'-0" 1/16" = 1'-0" 1/32" = 1'-0" 1/64" = 1'-0" 1/128" = 1'-0" 1/256" = 1'-0" 1/512" = 1'-0" 1/1024" = 1'-0" 1/2048" = 1'-0" 1/4096" = 1'-0" 1/8192" = 1'-0" 1/16384" = 1'-0" 1/32768" = 1'-0" 1/65536" = 1'-0" 1/131072" = 1'-0" 1/262144" = 1'-0" 1/524288" = 1'-0" 1/1048576" = 1'-0" 1/2097152" = 1'-0" 1/4194304" = 1'-0" 1/8388608" = 1'-0" 1/16777216" = 1'-0" 1/33554432" = 1'-0" 1/67108864" = 1'-0" 1/134217728" = 1'-0" 1/268435456" = 1'-0" 1/536870912" = 1'-0" 1/1073741824" = 1'-0" 1/2147483648" = 1'-0" 1/4294967296" = 1'-0" 1/8589934592" = 1'-0" 1/17179869184" = 1'-0" 1/34359738368" = 1'-0" 1/68719476736" = 1'-0" 1/137438953472" = 1'-0" 1/274877906944" = 1'-0" 1/549755813888" = 1'-0" 1/1099511627776" = 1'-0" 1/2199023255552" = 1'-0" 1/4398046511104" = 1'-0" 1/8796093022208" = 1'-0" 1/17592186044416" = 1'-0" 1/35184372088832" = 1'-0" 1/70368744177664" = 1'-0" 1/140737488355328" = 1'-0" 1/281474976710656" = 1'-0" 1/562949953421312" = 1'-0" 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A02



POINT DRAIN

③

[illegible]

1. REMOVE ALL BULK HEADS, SPRINKLERS, RISERS, PIPE, AND PIPE HANGERS.
2. CUT CAP & SPRINKLER WARM AT A CONVENIENT HEIGHT ABOVE CELL FLOOR.
3. RETIE TO TR-52-2016-0298 AND TR-52-2016-0275 FOR ANY ADDITIONAL MATERIAL TO BE ORDERED.
4. FREE CAP ANY CUTS IN ABANDON SYSTEMS.
5. PENDING STATUS SHALL NOT BE REMOVED UNTIL APPROVED BY THE

NOTE:
SPRINKLER HEADS LOCATED ABOVE
THE CARPUS DUCTS HAVE BEEN
REMOVED AND PLUGGED.

KEY PLAY

KEY PLAY

[illegible]

SPRINKLER SYMBOLS

—O—
—O—

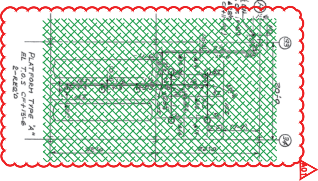
SP #1 & HEAD TEMP

PENDANT - NOT INSOL
DUST

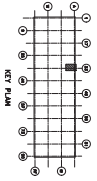
UNIONIC HEAD INGLE
DUCT

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[illegible][illegible]



- SPRINKLER LAYOUT
UNDER P.G. DUCT HOUSING & MEZZANINE
SCALE 1/8" = 1'-0"



• DESIGN MANAGER:
Approval and Date:

This document has been reviewed and is UNCLASSIFIED and NOT UCLC. This review does not constitute clearance for public release.

#192 006, S/C.

Authorized Derivative Classifier Date

<u>#192</u>	<u>40G, SIG.</u>
Authorized Derivative Classifier	Date

POOR QUALITY ORIGINAL.

SP 5-4056 REVISION 1 CAD OVERALL

[illegible][illegible]

4010 500

DATE	BY	REMARKS
10/1/80	J. A. Smith	Initial inspection
10/15/80	J. A. Smith	Follow-up inspection
11/1/80	J. A. Smith	Final inspection

UNITED STATES
NUCLEAR ENERGY COMMISSION

TRACT NO. AT-(40-1)-2138
ENGINEERING DIVISION-CLEVELAND OHIO
R. G. MCKEE & COMPANY

PRINKLER PLAN

SYSTEM 28 AT ROOF

V. D. WILKINSON 5-22-88 OPERATING CONTRACTOR	L. H. JACKSON 5-24-88 A/E/C ENGINEER
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DATE	CHECKED	DATE	SCALE
	X M	5/9	115 1/4
DATE	APPROVED	DATE	MEET IN
	PR		

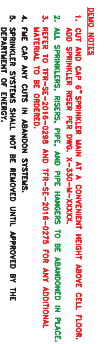
BUILDING	SHEET	AC
X-330SP 5-4656		

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- NOTE
SPRINKLER HEADS SHOWN IN MOTOR
EXHAUST DUCT BRANCHES NOT INSTALLED

[illegible]



TOTAL SPRINKLES (COUNT)	
①	28" = 1/2
②	32" - 36"
SPECIAL #	
TOTAL SPRINKLES PER SHEET <u>1/2</u>	
INCH NO.	
REFERENCE DRAWING	
TITLE	
DATE	
REFERENCE DRAWINGS	

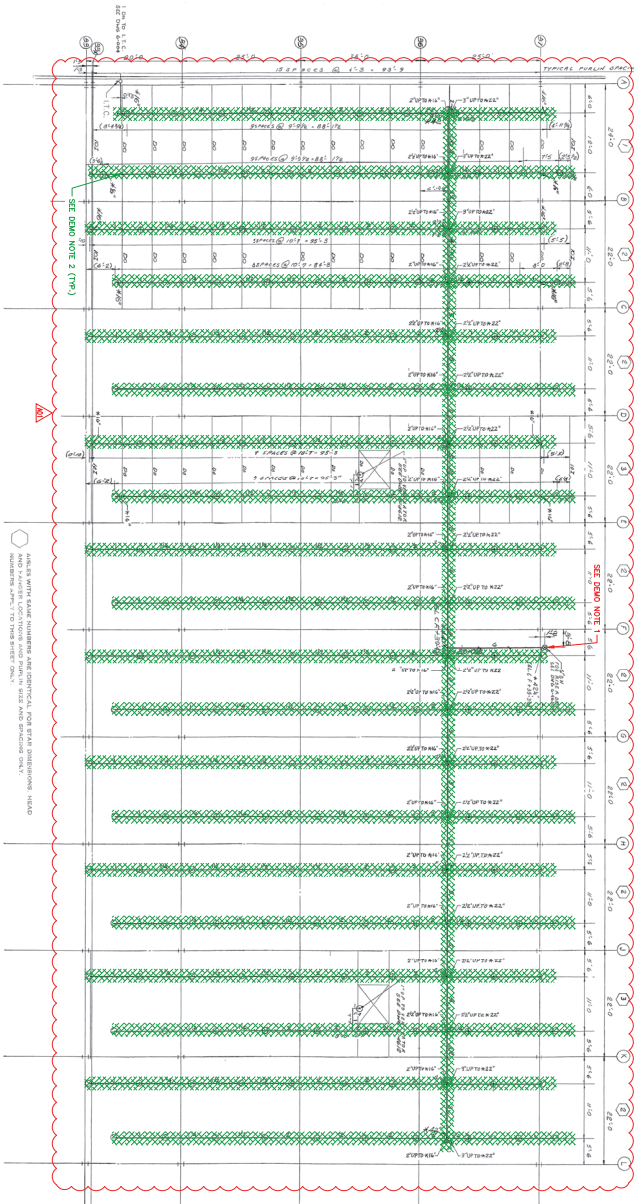
[illegible]



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AUTO SPRINKLERS (COUNT)		TOTAL HEADS THIS SHEET <i>3/2</i>	
—	2 1/2" = 3/2		
—	3 1/2" = 3/2		
—	SPECIAL		
—	♦		
SHEET NO.		PERFORMANCE DATA SHEET	
TITLE		TOTAL	
DATE: 10-1-77		REVISIONS OF DATA SHEET	

[illegible]



SPRINKLER LAYOUT
SCALE 1/8" = 1'-0"

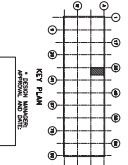
- ADD NOTES**
1. REMOVE ALL EXIST. SPRINKLERS, RISERS, PIPE, AND FIRE ALARMS.
 2. CUT CAP & SPRINKLER MAN AT A CONVENIENT HEIGHT ABOVE CELL FLOOR.
 3. ALARM IN PLACE, MAY BE REMOVED AS NEEDED.
 4. MATERIAL TO BE ORDERED AND PRICED-2018-2019 FOR ANY ADDITIONAL.
 5. FIRE CAP ANY CUTS IN ALARM SYSTEM.
 6. SEPARATION OF DESIGN.

SYMBOL	DESCRIPTION
ALARM MAN IN WATER	ALARM MAN IN WATER
DRY PIPE VALVE	DRY PIPE VALVE
WATER MOTOR	WATER MOTOR
WATER MOTOR	WATER MOTOR

SYMBOL	DESCRIPTION
SPRINKLER	SPRINKLER
SPRINKLER	SPRINKLER
SPRINKLER	SPRINKLER
SPRINKLER	SPRINKLER

SYMBOL	DESCRIPTION
SPRINKLER	SPRINKLER
SPRINKLER	SPRINKLER
SPRINKLER	SPRINKLER
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SYMBOL	DESCRIPTION
SPRINKLER	SPRINKLER
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SYMBOL	DESCRIPTION
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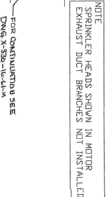
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NOTE:
SPRINKLER HEADS LOCATED ABOVE
THE EXHAUST DUCTS HAVE BEEN
REMOVED AND PLUGGED.

FOR CONTINUING SEE
DWS-X-330-16-4-M

SPRINKLER LAYOUT - GROUND FLOOR
CEILING AND INSIDE DUCTS
SCALE: 1/8" = 1'-0"

SCALE: 1/8" = 1'-0"

SPRINKLER LAYOUT GROUND FLOOR

SCALE: 1/8" = 1'-0"

ALL RISER NIPPLES ARE 1" UNLESS NOTED

9108WLS 37MB018

1. CUT CAP, AND REMOVE ALL RESERS, PIPES, SPRINKLER HEADS, AND PIPE HANGERS LOCATED UNDER DUCT WORK. DUCT WORK IN THIS AREA IS TO BE REMOVED PERMANENTLY DURING DEMOLITION PHASE.

2. FILL OF CAP RESERS

3. AND LOW POINT DRAINAGE IS REQUIRED.

4. MATERIAL TO BE ORDERED.

5. THE CAP AND CUTS IN LABOURER SYSTEMS.

6. SPRINKLER SYSTEMS SHALL NOT BE REMOVED UNTIL APPROVED BY THE DEPARTMENT OF ENDOUR.

\$196
Authorized Derivative Classifier

LE LAYOUT, GROUND FLOOR
Scale: 1/8" = 1'-0"

This document has been reviewed and is UNCLASSIFIED and NOT DCL. This review does not constitute approval for public release.

FORM 129, 10-75
GSA GEN. REG. NO. 27
DATE

LE REGION
WASHINGTON, D.C.

KEY PLAN

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UNITED STATES
ATOMIC ENERGY COMMISSION
ARTHUR H. MCCOY & COMPANY
ENGINEERING DIVISION-CLEVELAND, OHIO
CONTRACT NO. AT-(60-1)-1138
(DRAWING TITLE)
SPRINKLER PLAN
SYSTEM 36 AT GROUND FLOOR

PORTSMOUTH	X-330SP 5-4671	A0
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