2421

ChemRisk/Shonka Research Associates, Inc., Document Request Form

JAN 08 1996

(This section to be completed by subcontractor requesting document)

J. Lamb / Eng. Records

Requestor / Document Center (is requested to provide the following document)

Date of request 12/6/95 Expected receipt of document _____

Document number D KPK-9223-E6 R.O Date of document 1/28/55

Title and author (if document is unnumbered)

_____

_____

(This section to be completed by Document Center)

Date request received 12/11/95

Date submitted to ADC 12/12/95

Date submitted to HSA Coordinator 12/11/95

(This section to be completed by HSA Coordinator)

Date submitted to CICO 12/12/95

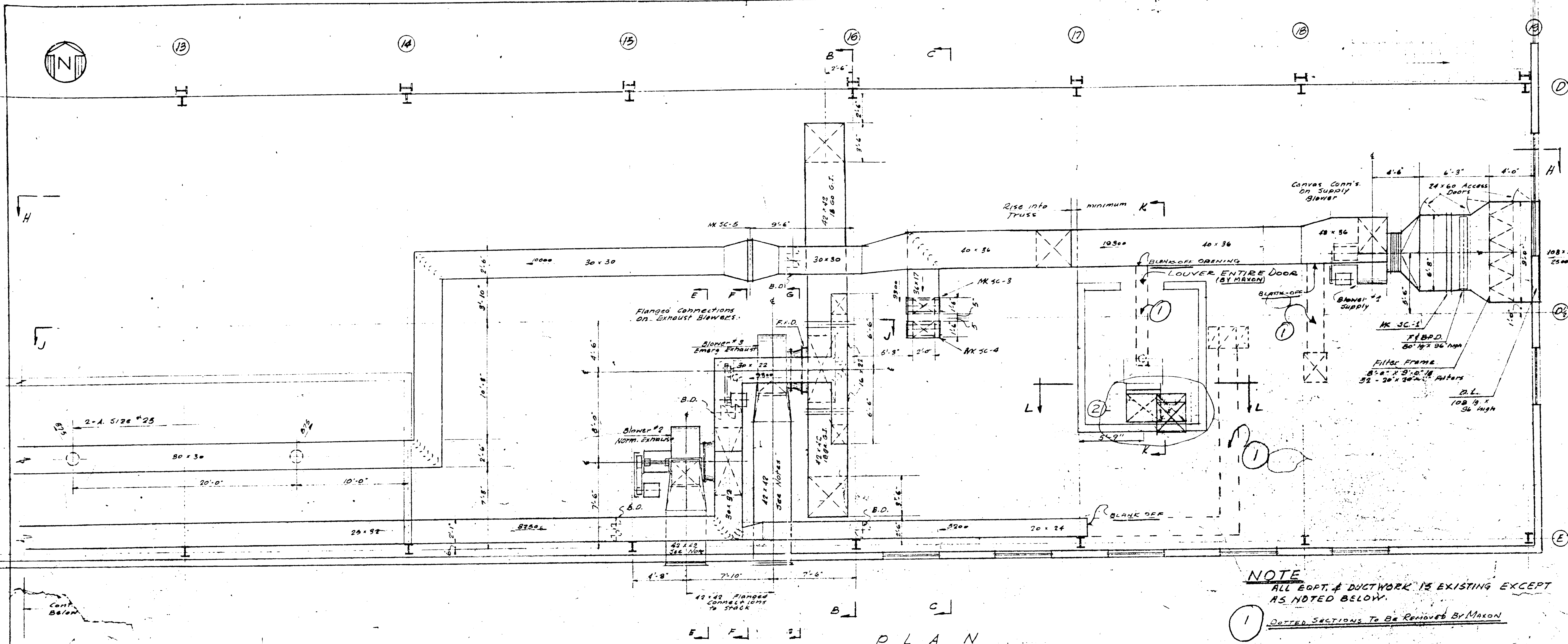
Date received from CICO 1/3/96

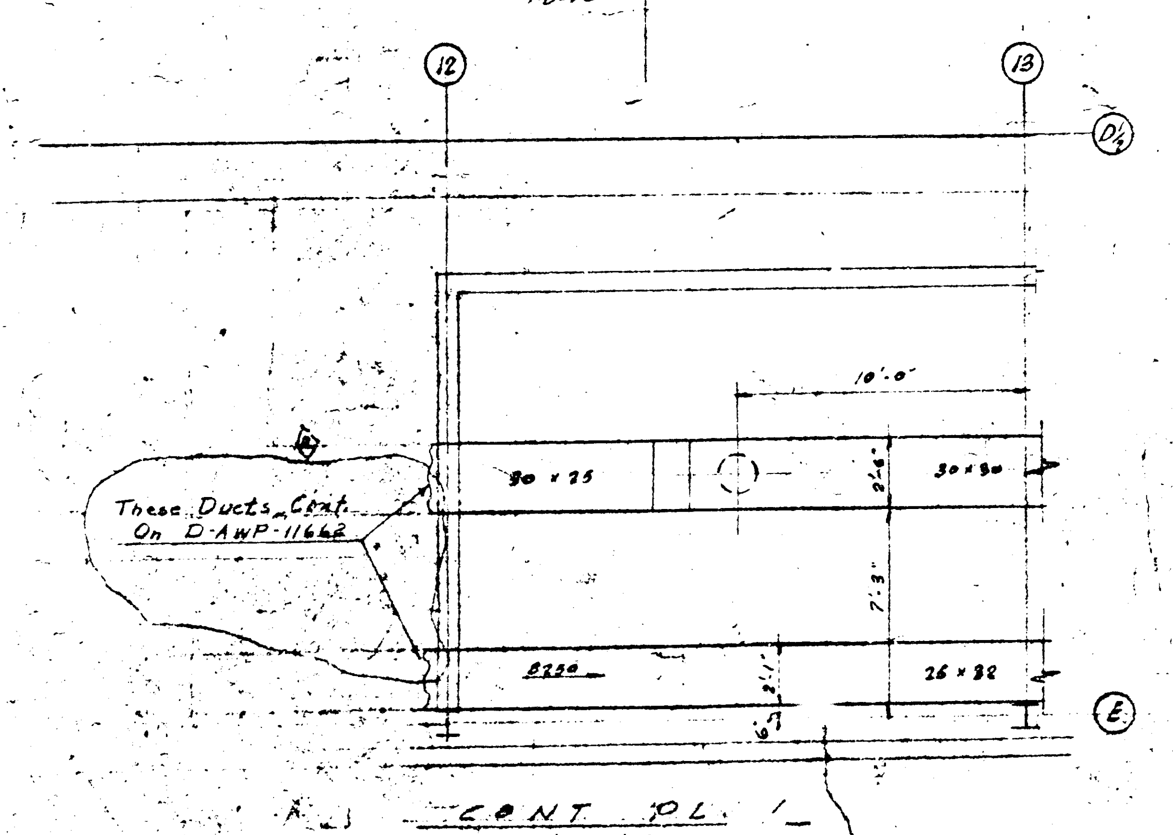
Date submitted to ChemRisk/Shonka and DOE 1/3/96

(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received _____

Signature _____





NOTE

ALL EQPT. & DUCTWORK IS EXISTING EXCEPT AS NOTED BELOW.

(1) DOTTED SECTIONS TO BE REMOVED BY MAXON

(2) NEW DUCT WORK BY MAXON

SEE D-KP-K 9223E4 FOR DETAILS OF DUCT CONST.

Legend

B.D. = Balance Damper (Fabr)

F. & BP.D. = Face & By-Pass Damper Galv. St'l. 8'-0" High x 6'-8" Wide 5'-0" Face (Top) 3'-0" By-Pass (Bott.) Beco or Eq.

F.A.D. = Fan Auto. Damper 40" x 40" Galv. St'l. W/ Equalizing Conn.

O.L. = Fixed Weatherproof Louver Galv. St'l 108" W. x 96" High - No Insect Screen Beco. Mod. "H" or Eq.

A = Type C Anemostat Diffuser or Eq.

Notes

1. Exhaust Ducts on discharge of Blowers to be Constructed of 1/8" Aluminum (35 Alloy), All welded Gas-tight W/ Flanges and Bracing of 2" x 2" x 1/4" L Aluminum (type opt.)

Heating Coil Schedule

No.	Mk	Size Header	Size Lgth	Type	CFM Std Air	°F	Typ Coil
2	SC-1	24"	78"	Non Freeze - Single Row	12900 Ea.	0-50	Trane 505-96
1	SC-2	24"	80"	"	3200	50-88	Trane 506-96
1	SC-3	18"	36"	"	1650	50-78	Trane 506-54
1	SC-4	18"	36"	Double Row	1650	50-96	Trane 5C4-84
1	SC-5	32"	48"	Single Row	10800	50-81	Trane 500-84

Steam Pressure = 35 psig

Blower Schedule

No.	CFM (Std)	S.P.	Motor HP	Arrangement
1	25000	2.0"	15	#3 CW Bot UBD
2	22750	3.0"	20	#1 CW Bot 45° Top AUD
3	24000	3.5"	20	#1 CW Bot 45° Top AUD

KEY PLAN

No Scale

K-1131

PRG	VNDR CODE	TYPE	SUBJECT	PLT	BLDG/LOC	FLR
3EE43		SP			1131	M

CODE TITLE: VNTLN CL 13-19 MEZ SOUTH

Reference Dwgs.

Plans

A. Mezzanine Floor - South Side Only
Col. 1-6
Col. 6-12 D-AWP-11662
Col. 12-19 D-AWP-11655

B. Ground Floor - North Side
Col. 1-6
Col. 6-12
Col. 12-19

C. Ground Floor - South Side
Col. 1-6 D-AWP-11656
Col. 6-12 D-AWP-11657
Col. 12-19 D-KAK 9228E7

Sections & Details

D-AWP-11659
D-KP-K 9223E8
D-AWP-11681
D-AWP-11800

REFERENCE DWGS. Noted

DRAWN DM

CHECKED

APPROVED

CARBIDE AND CARBON CHEMICALS CORPORATION
K-25 PLANT - PLANT ENGINEERING - D1514
VENTILATION - K-1131
COLS. 13-19 MEZZANINE SOUTH SIDE

D-KP-K 9223E6

THIS DRAWING NOT SUITABLE FOR MICROFILMING

#2431

This document has been approved for release to the public by:

Technical Information Officer Date
Oak Ridge K-25 Site

ChemRisk/Shonka Research Associates, Inc., Document Request Form

(This section to be completed by subcontractor requesting document)

J. Lamb / Eng. Records

Requestor — Document Center (is requested to provide the following document)

Date of request 12/6/95 Expected receipt of document _____

Document number D-AWP-11655 Date of document 1/9/50

Title and author (if document is unnumbered)

_____

_____

(This section to be completed by Document Center)

Date request received 12/11/95

Date submitted to ADC 12/12/95

Date submitted to HSA Coordinator 12/11/95

(This section to be completed by HSA Coordinator)

Date submitted to CICO 12/12/95

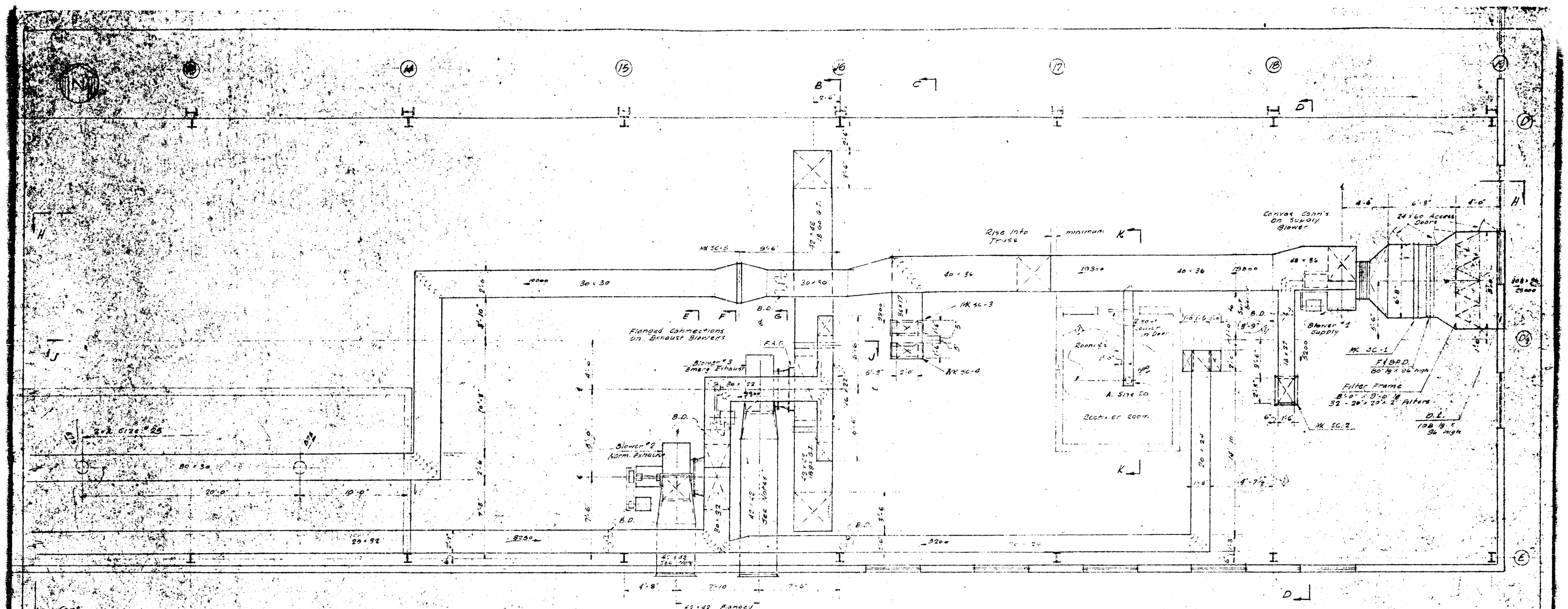
Date received from CICO 1/3/96

Date submitted to ChemRisk/Shonka and DOE 1/3/96

(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received _____

Signature _____



Legend

B.D. = Balance Damper (Fabr)
F & B.P.D. = Face & By-Pass Damper Galv St'l ; 8'-0" high x 6'-8 Wide 5'-0" Face (Top) 3'-0" By Pass (Bott) Beco or Eq.
F.A.D. = Fan Auto Damper 40" x 40" Galv St'l w/ Equalizing Blade Conn.
O.L. = Fixed Weatherproof louver Galv St'l 108" lg. x 96 High - No Insect screen Beco Head "H" or Eq
A = Type 'C' Anemostat Diffuser or Eq.

Notes

1. Exhaust Ducts on discharge of Blowers to be Constructed of 1/8" thk Aluminum (3S Alloy), All Welded Gas-tight w/ Flanges and Bracing of 2" x 2" x 1/4" L Aluminum (typ. unless noted)

Reference Dwgs:

Plans
A. Mezzanine Floor - South Side Only
Cols 1-6
Cols 6-12 - D-AWP-11666
Cols 12-19 - D-AVP-11655
B. Ground Floor - North Side
Cols 1-6 :
Cols 6-12 :
Cols 12-19 :
C. Ground Floor - South Side
Cols 1-6 - D-ANP-11656
Cols 6-12 - D-AVP-11657
Cols 12-19 - D-ANP-11658

Sections & Details
B.D.; F.P.T.; G.A.; L.V. - D-AWP-11672
C.C.; D.D.; K.R.D-AWP-11660
H.H. - D-ANP-11681
Stack - D-ANP-11800

Heating Coil Schedule

Item No.	No.	Model	Rows	Type	CFM (Ref. Air)	°F	Type Coil
2	SC-3	24"	78"	Non Freeze - Single Row	125,000	0 - 50	Trane SDS-96
1	SC-2	24	90"	" "	5200	50-86	Trane SDD-96
1	SC-9	18	96	" "	4640	50-74	Trane SDD-54
1	SC-6	18	96	" Double Row	5650	50-96	Trane TDD-54
1	SC-5	30	68"	" Single Row	10800	50-81	Trane SDD-84

Steam Pressure = 35 psig

Blower Schedule

No.	CFM (Ref. Air)	S.P.	Motor HP	Arrangement
1	25,000	20"	15	1/2 - CW Dbl W.H.D
2	22,150	30"	20	1/2 - CW Dbl 45° Type A.U.D.
3	24,000	35"	25	1/1 - CW 60° 45° Type A U.D.

FOR LATER REVISION SEE: D-KP-K-9223-E6

DRAWN	Whitehead	CALCINE AND GASEOUS DIFFUSION PLANTS
CHECKED	W.H.	K-25 PLANT - PLANT ENGINEERING
APPROVED (Engr)		VENTILATION - [illegible]
APPROVED		SCALE: Noted
APPROVED		DATE: 12-9-55
APPROVED		DWG. NO. D-KP-K-9223-E6

REFERENCE DWGS. Noted

#2431

This document has been approved for release to the public by:
David B. Gilliland 1/2/96
Asst Technical Information Officer Title
Oak Ridge K-25 Site
David B. Gilliland
Jan. 2, 1996

ChemRisk/Shonka Research Associates, Inc., Document Request Form

(This section to be completed by subcontractor requesting document)

J. Lamb / Eng. Records
Requestor / Document Center (is requested to provide the following document)

Date of request 12/6/95 Expected receipt of document _____

Document number DAWP-12487 Date of document 4/12/50

Title and author (if document is unnumbered)

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_____

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Date request received 12/11/95

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Date submitted to HSA Coordinator 12/11/95

(This section to be completed by HSA Coordinator)

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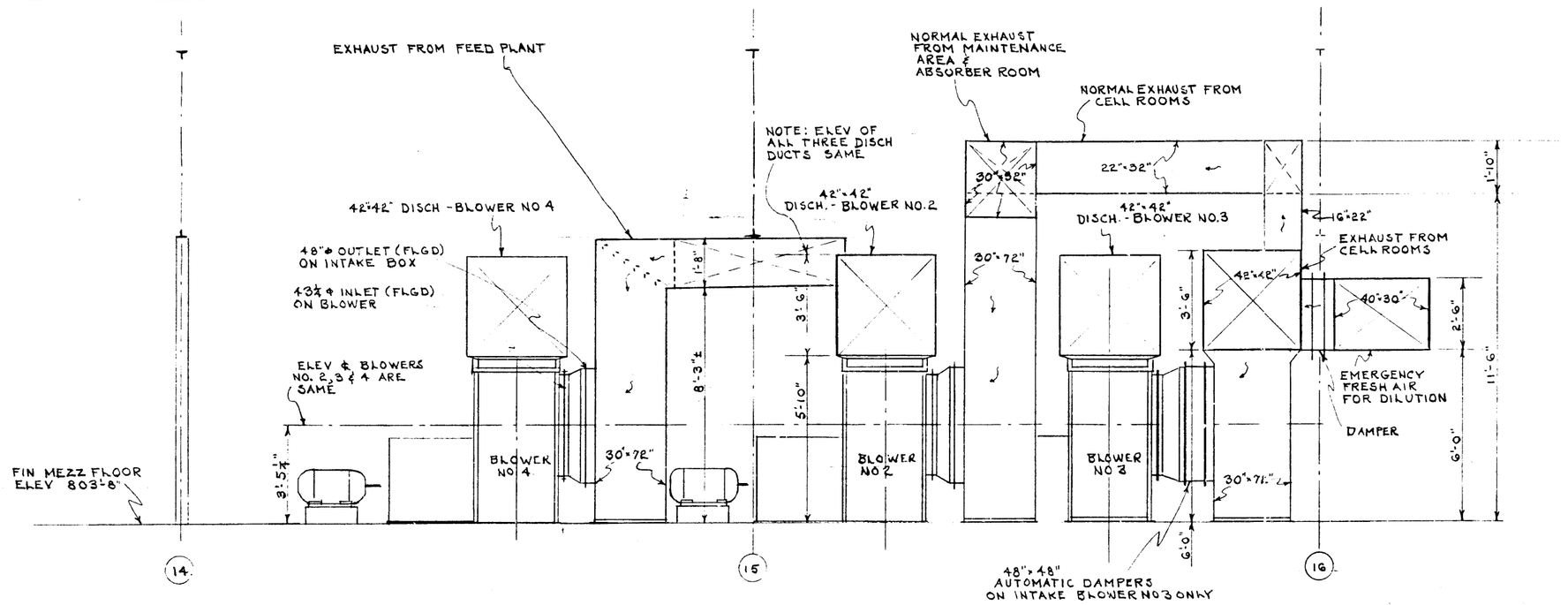
Date submitted to ChemRisk/Shonka and DOE 1/3/96

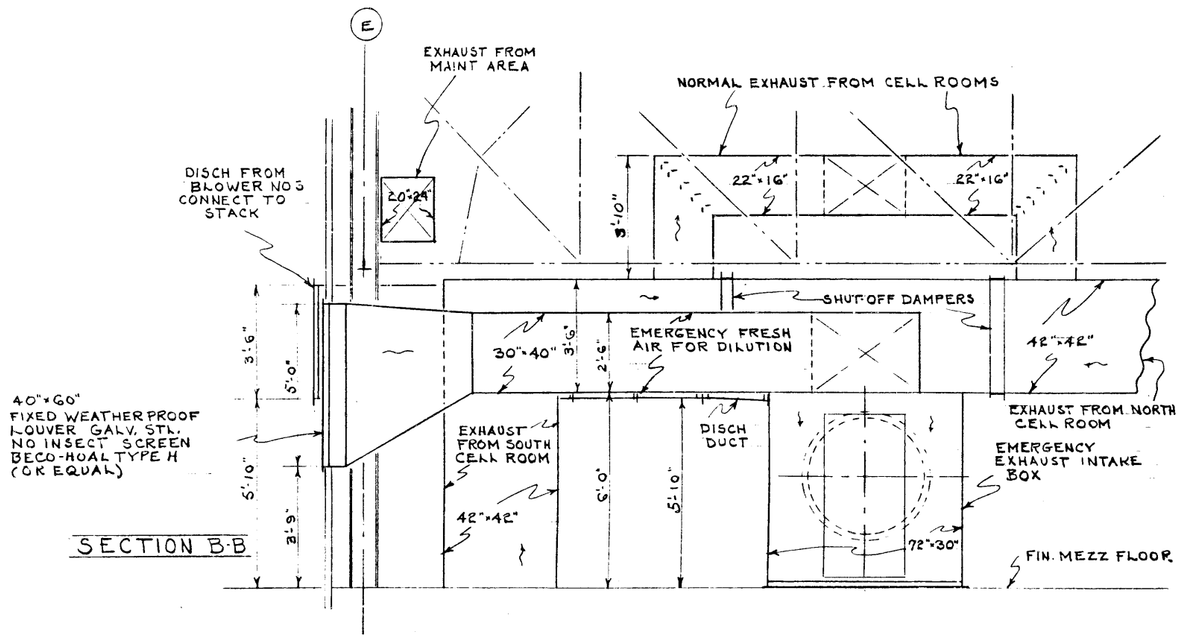
(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received _____

Signature _____



SECTION A-A



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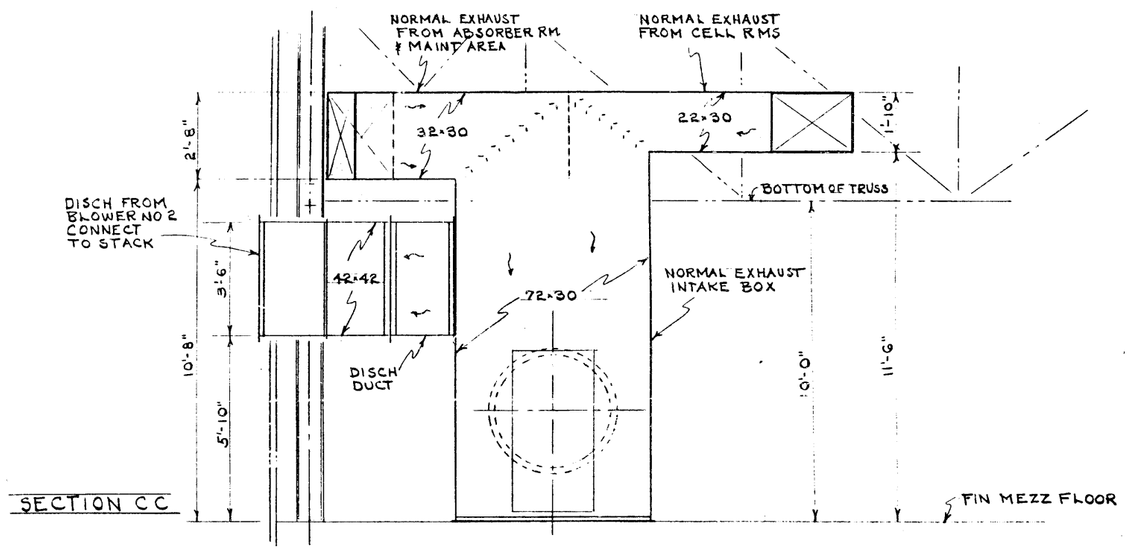

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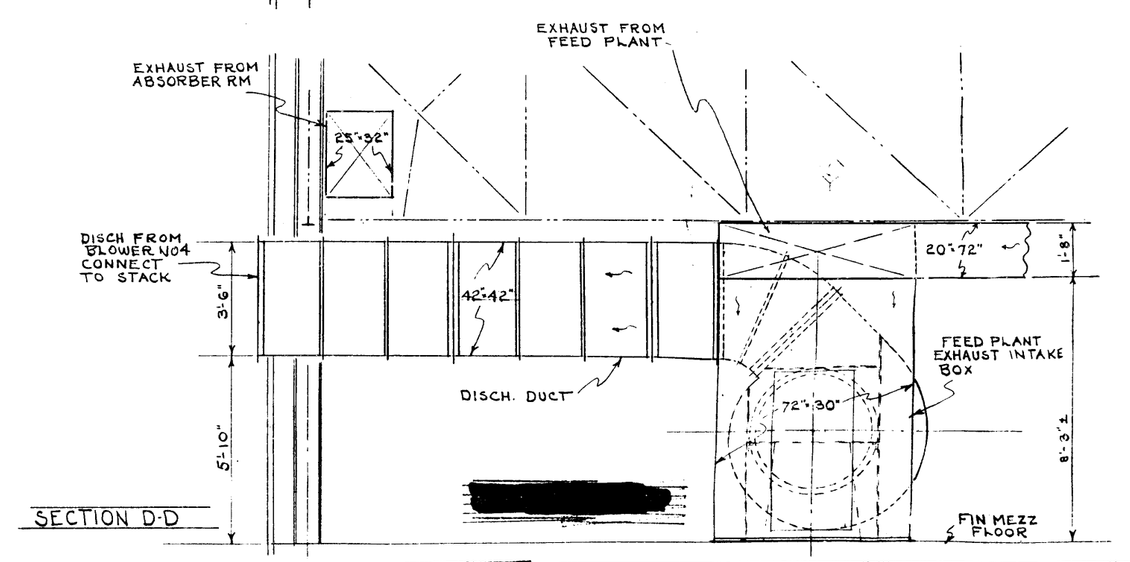

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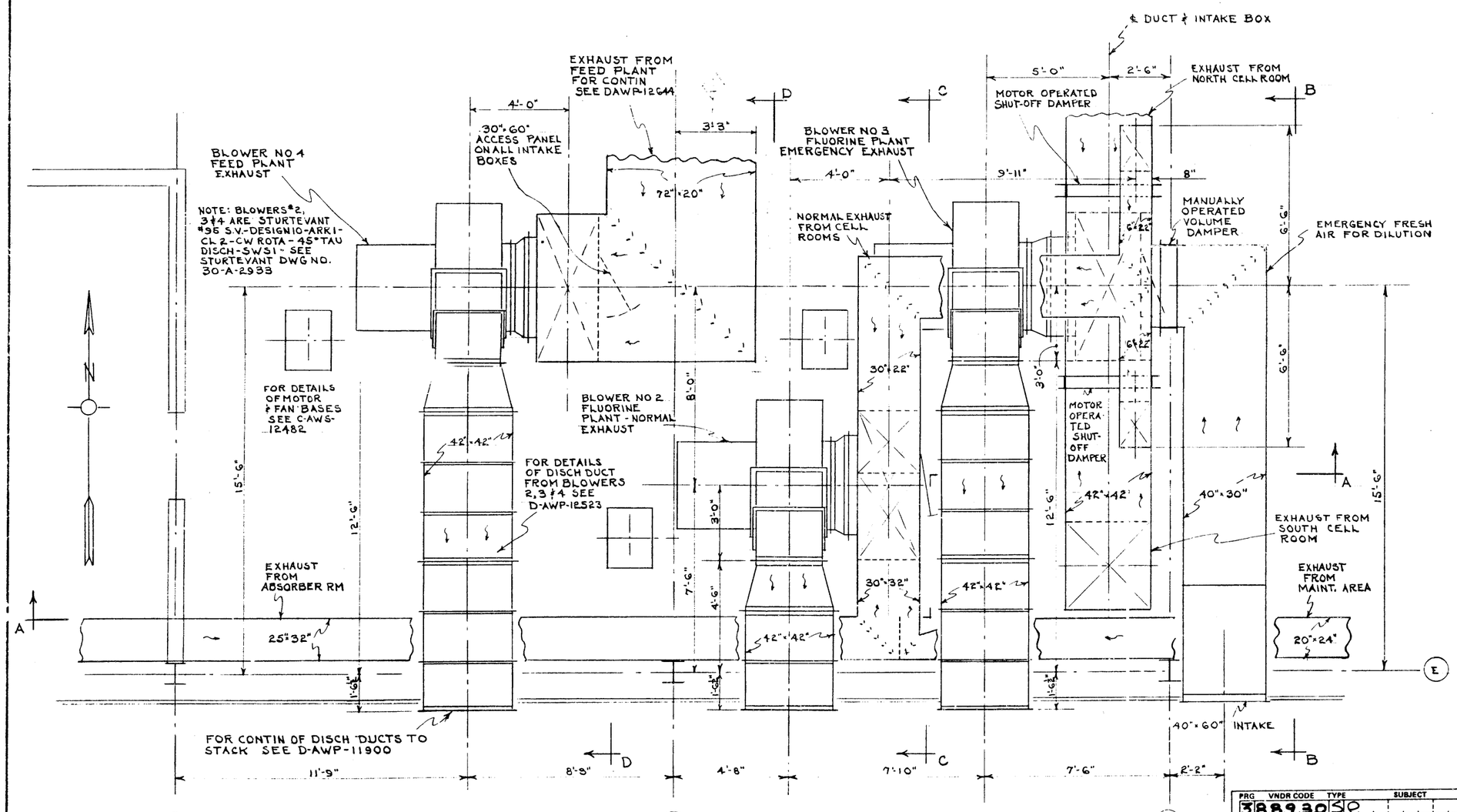


PLAN - MEZZ FLOOR

NOTES

DUCTWORK ON SUCTION SIDE OF BLOWERS TO BE GALV STL ERECTED IN ACCORDANCE WITH JS 258-8. DISCH DUCTWORK TO BE ALUMINUM SEE D-AWP-12523

PRG	VNDR CODE	TYPE	SUBJECT	PLT	BLDG/LOC	FLR
3	88930	SO		1	1131	0

CONNECTIONS - EXHAUST FANS
CODE TITLE

CLASSIFICATION CHANGED TO UNCLASSIFIED
BY AUTHORITY OF DS Moore DATE 1-21-20

REFERENCE DRAWINGS
D-AWP-12644 EXHAUST-MEZZ D-AWP-11658 - GENERAL VENTILATION K-1131
D-AWP-12523 DISCH DETAILS C-AWG-12482 - FAN & MOTOR BASE
D-AWP-11900 STACK STURTEVANT 30-A-2933 FAN

					REFERENCE DRAWINGS NOTED ABOVE	DRAWN SHRIVE
						CHECKED W.J.W.
1	GS 4-26-50	fc	CHANGED DISCH CONN BLOWER NO3 ADDED REF DWG NO.			APPROVED
NO.	BY	DATE	DESCRIPTION		APPROVED	OPERATION
REVISIONS					for RMcLaren 4-13-50	DATE

UNION CARBIDE AND CARBON CHEMICALS CORPORATION
K-25 PLANT PLANT ENGINEERING DEPT.
CONNECTIONS TO EXHAUST FANS FLUORINE & FEED PLANT K-1131
SCALE 3/8" = 1'-0"
DATE 4-12-50
CARBIDE CODE NO. 8274
D-AWP-12487

#3431

This document has been approved for release to the public by:
David B. Gilleland 1/2/96
Asst. Technical Information Officer
Oak Ridge K-25 Site

ChemRisk/Shonka Research Associates, Inc., Document Request Form

(This section to be completed by subcontractor requesting document)

J. Lamb / Eng. Records
Requestor / Document Center (is requested to provide the following document)

Date of request 12/6/95 Expected receipt of document _____

Document number C-AWA-14B09 Date of document 2/17/51

Title and author (if document is unnumbered)

(This section to be completed by Document Center)

Date request received 12/11/95

Date submitted to ADC 12/12/95

Date submitted to HSA Coordinator 12/11/95

(This section to be completed by HSA Coordinator)

Date submitted to CICO 12/12/95

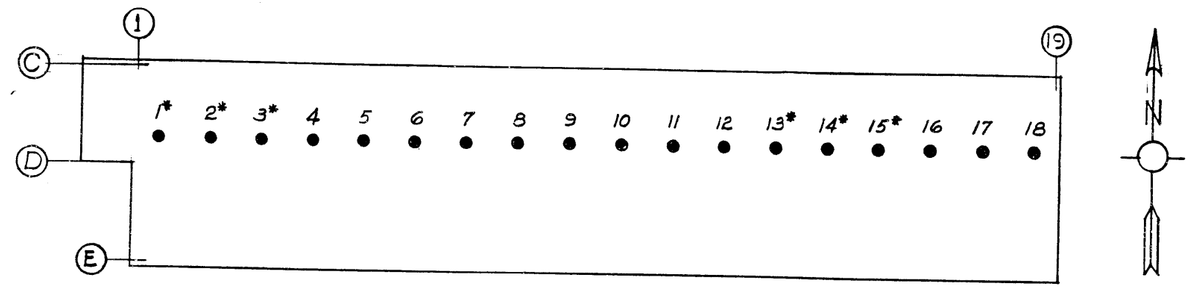
Date received from CICO 1/3/96

Date submitted to ChemRisk/Shonka and DOE 1/3/96

(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

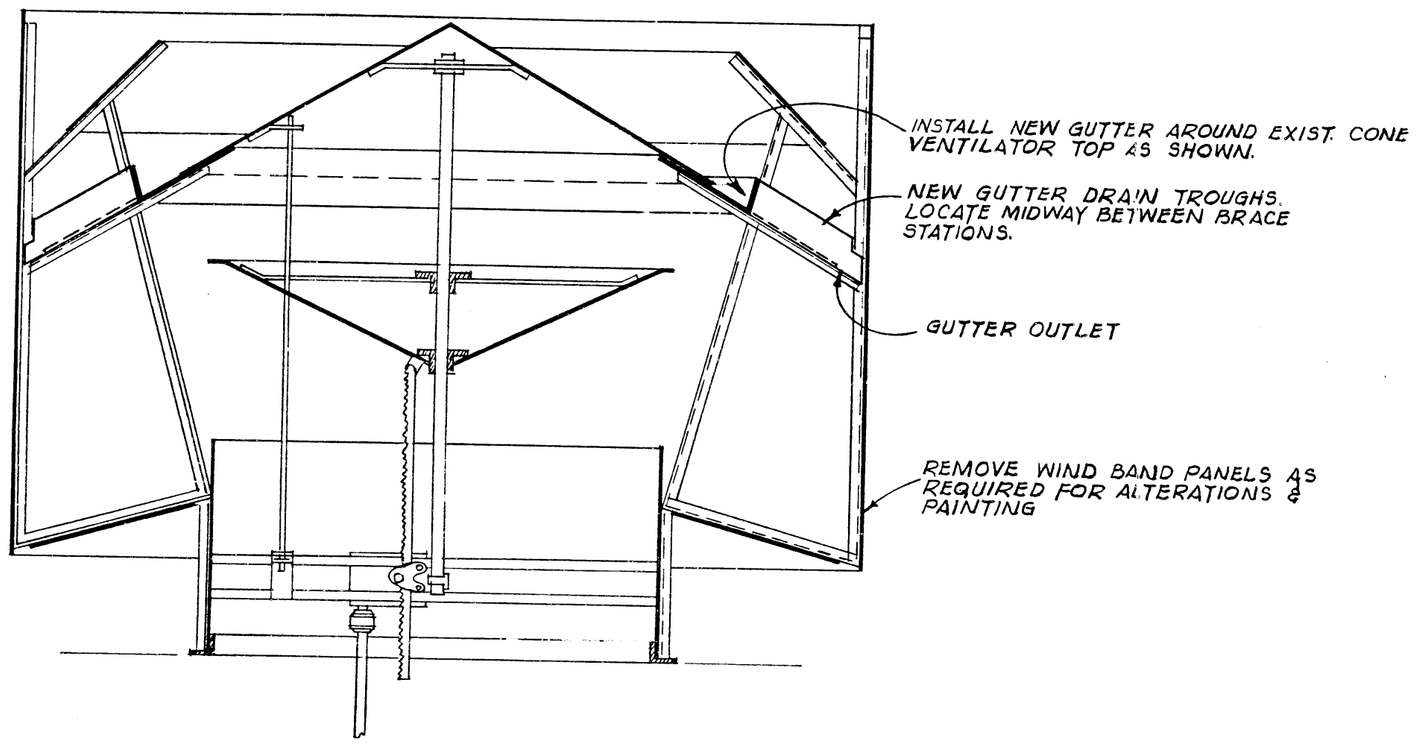
Date document received _____

Signature _____



* VENTILATORS #1, 2, 3, 13, 14, 15 ARE NOT TO BE ALTERED OR PAINTED UNTIL MAXON CO. COMPLETES CONSTRUCTION CHANGES

ROOF PLAN OF BLDG K-1131



TYPICAL SECTION THRU ROOF VENTILATORS °K-1131

Ⓐ **OBSOLETE**

Destroy after microfilming

ignature: GW Lay date: 9-26-83

This document has been reviewed by the Classification Office at ORGDP and has been determined to be UNCLASSIFIED.

This review does not constitute clearance for Public Release.

C Patton
11/2/83
Date

NOTES

1. EIGHTEEN VENTILATORS TO BE ALTERED AS SHOWN.
2. WIRE BRUSH ALL SCALED PAINT SURFACES & PAINT ONE COAT OF ZINC CHROMATE & ONE COAT OF 'AMERCOAT' ACID RESISTANT PAINT (OR EQUAL) OVER ALL BRACES & SHEET METAL.
3. ALL PAINTING TO BE DONE ON A NORMAL WORK ORDER.
4. 'BURT' MFG. CO. BELT DRIVE FANS INSTALLED IN VENTILATORS #5, 7, 9 ON WORK ORDER NO. 415493. FOR DETAILS OF FANS, SEE 'BURT' MFG. CO. DRAWING FB-101-12.

[redacted]

7-13-51

PRG	VNDR CODE	TYPE	SUBJECT	PLT	BLDG/LOC	FLR
3	88930	S	CA	1	1131	0

1	4	5	6	7	8	35	36	37	38	39	40	41	42	43	44	49	50	51	52	53	54	55	56	57	58
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

*ALTRNS TO ROOF VNTLRS

CODE TITLE

This document has been approved for release to the public by:

Technical Information Officer
Oak Ridge K-25 Site

Date

REFERENCE DRAWINGS

DRAWN Lay
CHECKED SAVAGE
APPROVED
SCALE NONE
DATE FEB 17, 1951
3647

CARBIDE AND CARBON CHEMICALS CORPORATION
K-25 PLANT PLANT ENGINEERING DEPT.

K-1131
ALTERATIONS TO ROOF VENTILATORS

1298
415493

AW-A-14309 (A)

REV. NO.	S. & A.	MECH.	ELEC.	INST.	MACH.	REV. NO.	S. & A.	MECH.	ELEC.	INST.	MACH.
1	DSP	7-6-51	7/14/51	/	/	0	TG	X	X	X	X

#2421

K25PRA 1 Lay 6-26-51 7-12-51 FANS ADDED (NOTE 4)

ChemRisk/Shonka Research Associates, Inc., Document Request Form

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(This section to be completed by subcontractor requesting document)

J. Lamb / Eng. Records

Requestor — Document Center (is requested to provide the following document)

Date of request 12/6/95 Expected receipt of document _____

Document number DAWP-12644 Date of document 4/27/50

Title and author (if document is unnumbered)

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Date request received 12/11/95

Date submitted to ADC 12/12/95

Date submitted to HSA Coordinator 12/11/95

(This section to be completed by HSA Coordinator)

Date submitted to CICO 12/12/95

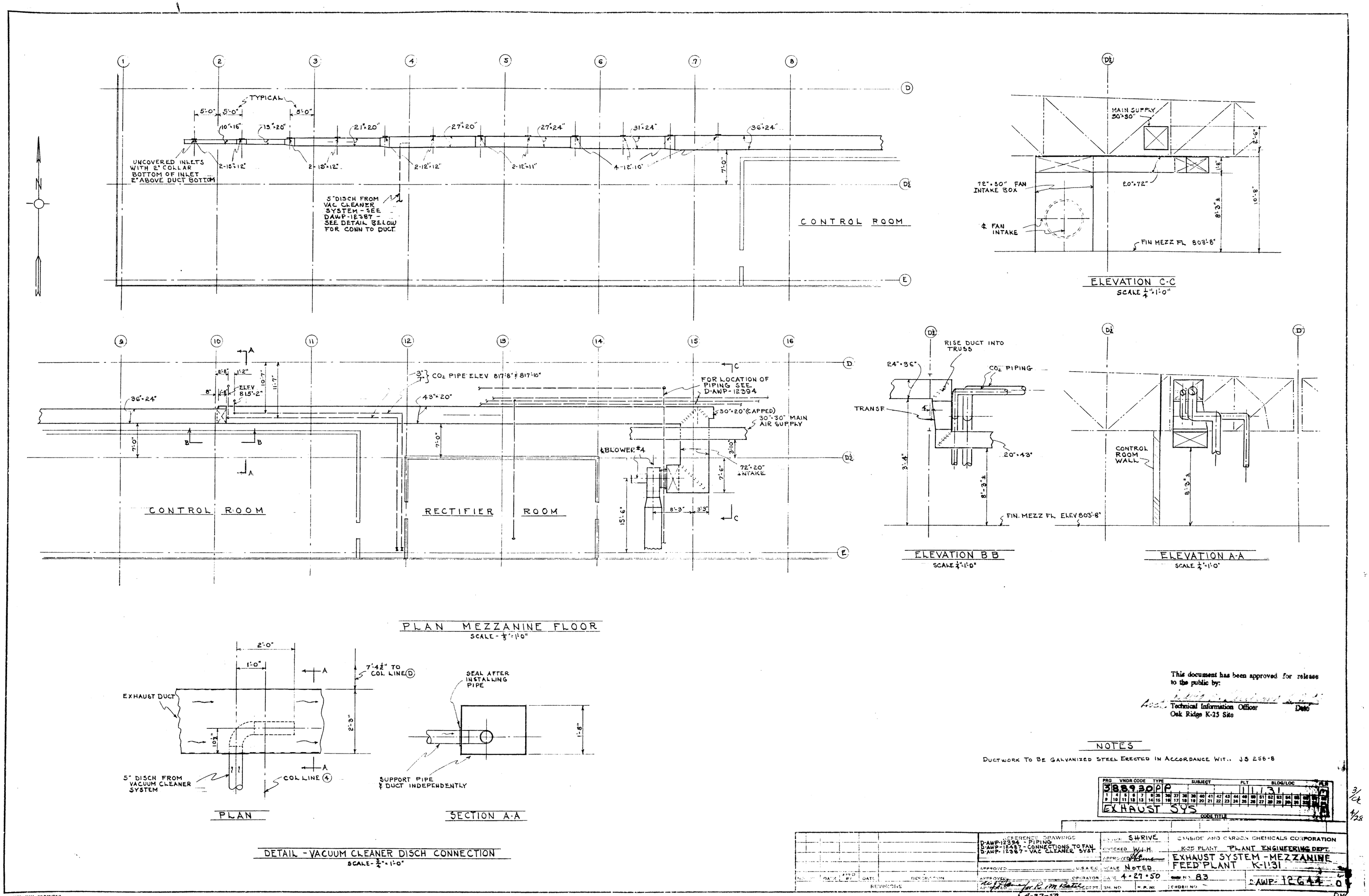
Date received from CICO 1/3/96

Date submitted to ChemRisk/Shonka and DOE 1/3/96

(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received _____

Signature _____



This document has been approved for release to the public by:

Technical Information Officer
Oak Ridge K-25 Site

Date

NOTES

DUCTWORK TO BE GALVANIZED STEEL ERECTED IN ACCORDANCE WIT.. JS 258-8

PRG	VNDR CODE	TYPE	SUBJECT	PLT	BLDG/LOC
3	8 8 9 3 0	P P		1 1	3 1

EXHAUST SYS

CODE TITLE

REFERENCE DRAWINGS
D-AWP-12394 - PIPING
D-AWP-12487 - CONNECTIONS TO FAN
D-AWP-12387 - VAC CLEANER SYST

DRAWN S.H. RIVE
CHECKED W.J.H.
APPROVED
SCALE NOTED
DATE 4-27-50
SH. NO.
R.P. NO.
ORDER NO.

CARBIDE AND CARBON CHEMICALS CORPORATION
K-25 PLANT PLANT ENGINEERING DEPT.
EXHAUST SYSTEM - MEZZANINE FEED PLANT K-1131
NO. 83
D-AWP-12644 0

REVISIONS

APPROVED U.S.A.E.C.
APPROVED OPERATOR
APPROVED for R. M. Batch
4-27-50

3/ck
4/28

#2421

ChemRisk/Shonka Research Associates, Inc., Document Request Form

(This section to be completed by subcontractor requesting document)

J. Lamb / Engineering Records
Requestor / Document Center (is requested to provide the following document)

Date of request 12/6/95 Expected receipt of document _____

Document number D-AWP-11900 Date of document 2/9/50

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_____

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Date document received _____

Signature _____

UNCLASSIFIED

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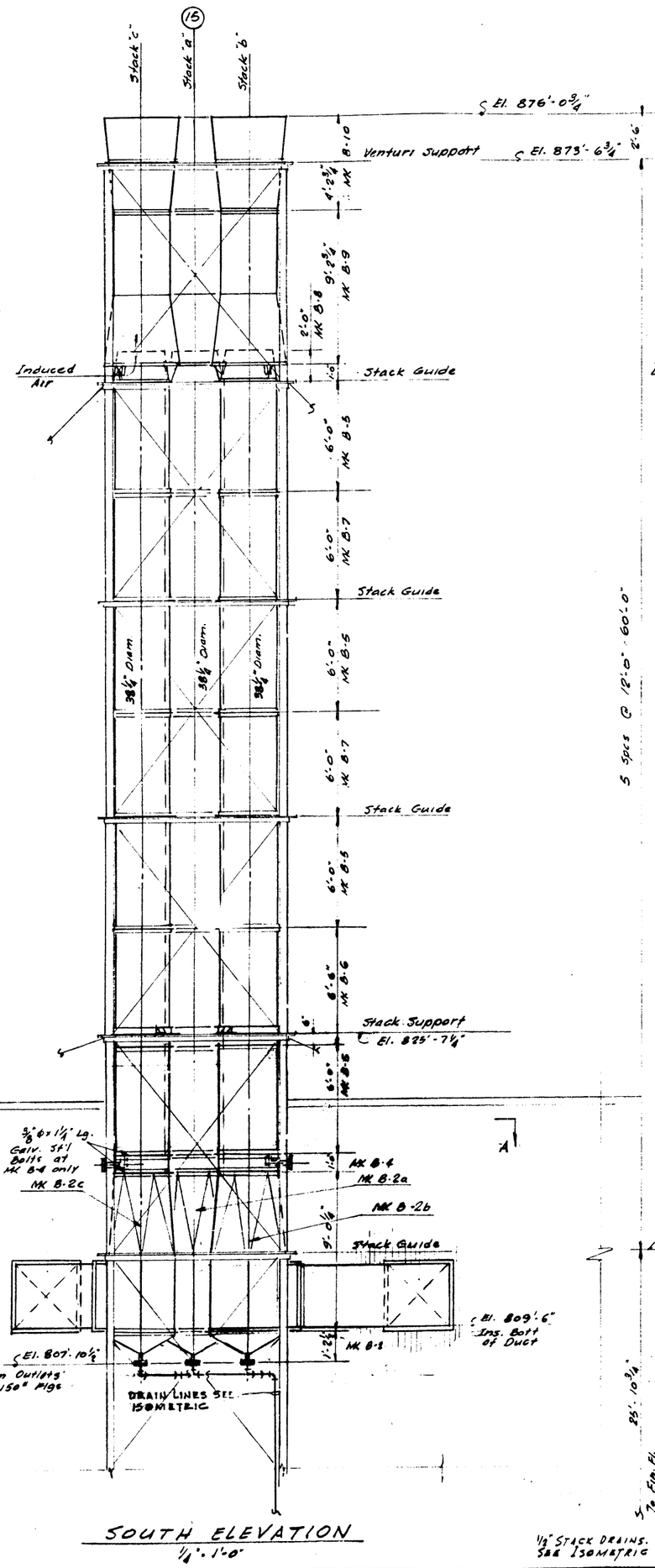
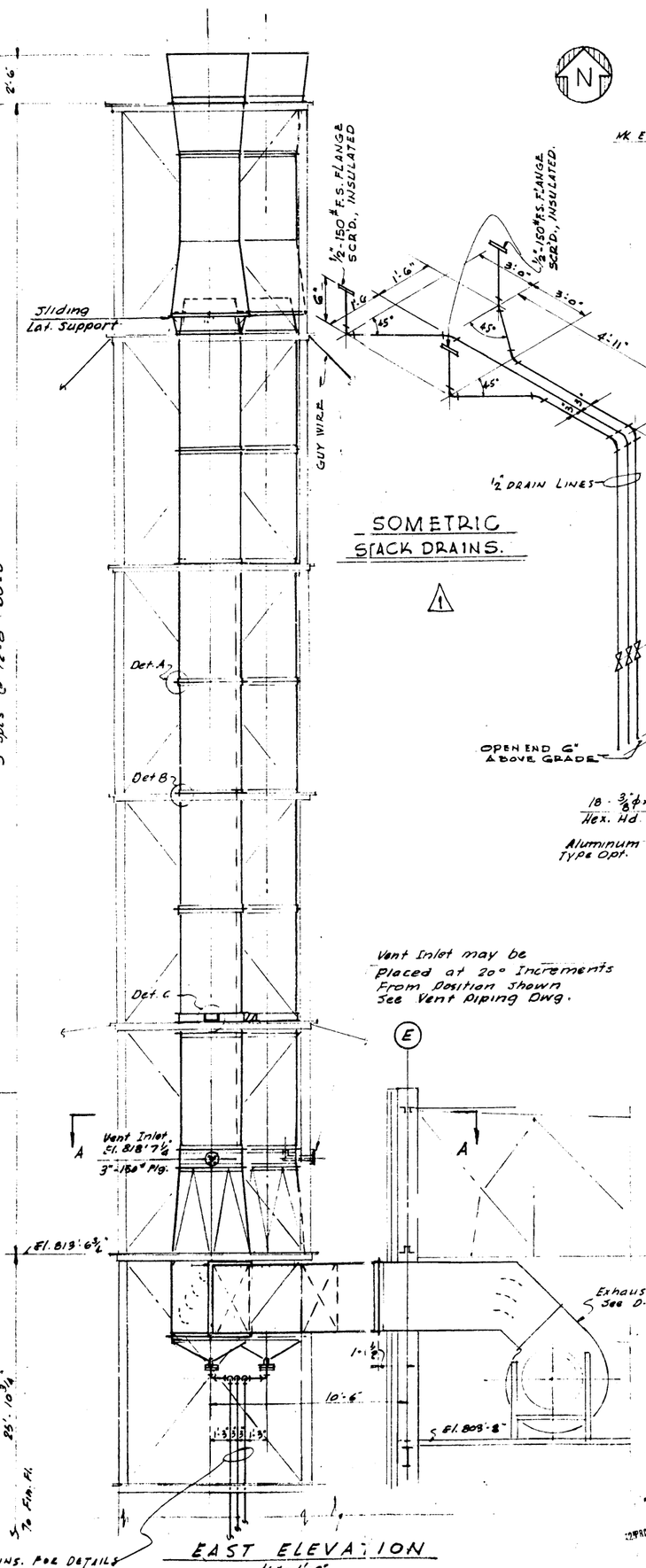
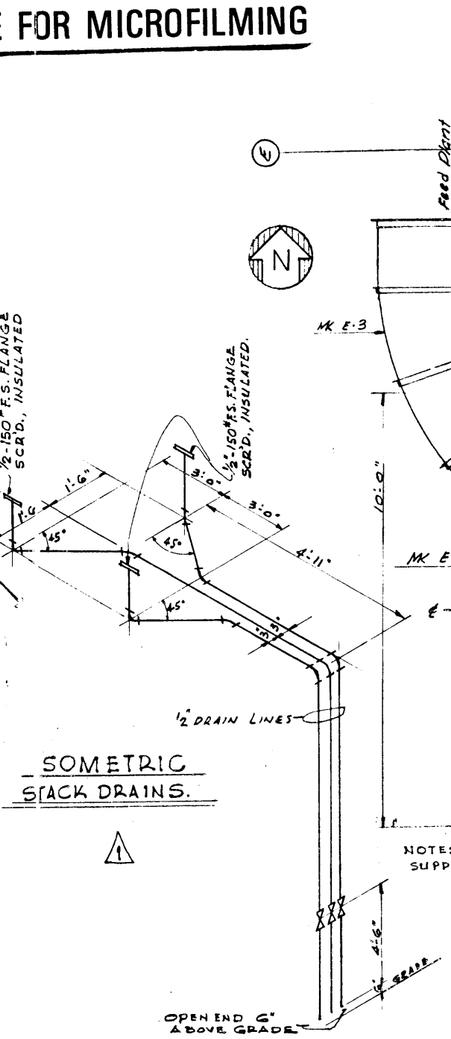


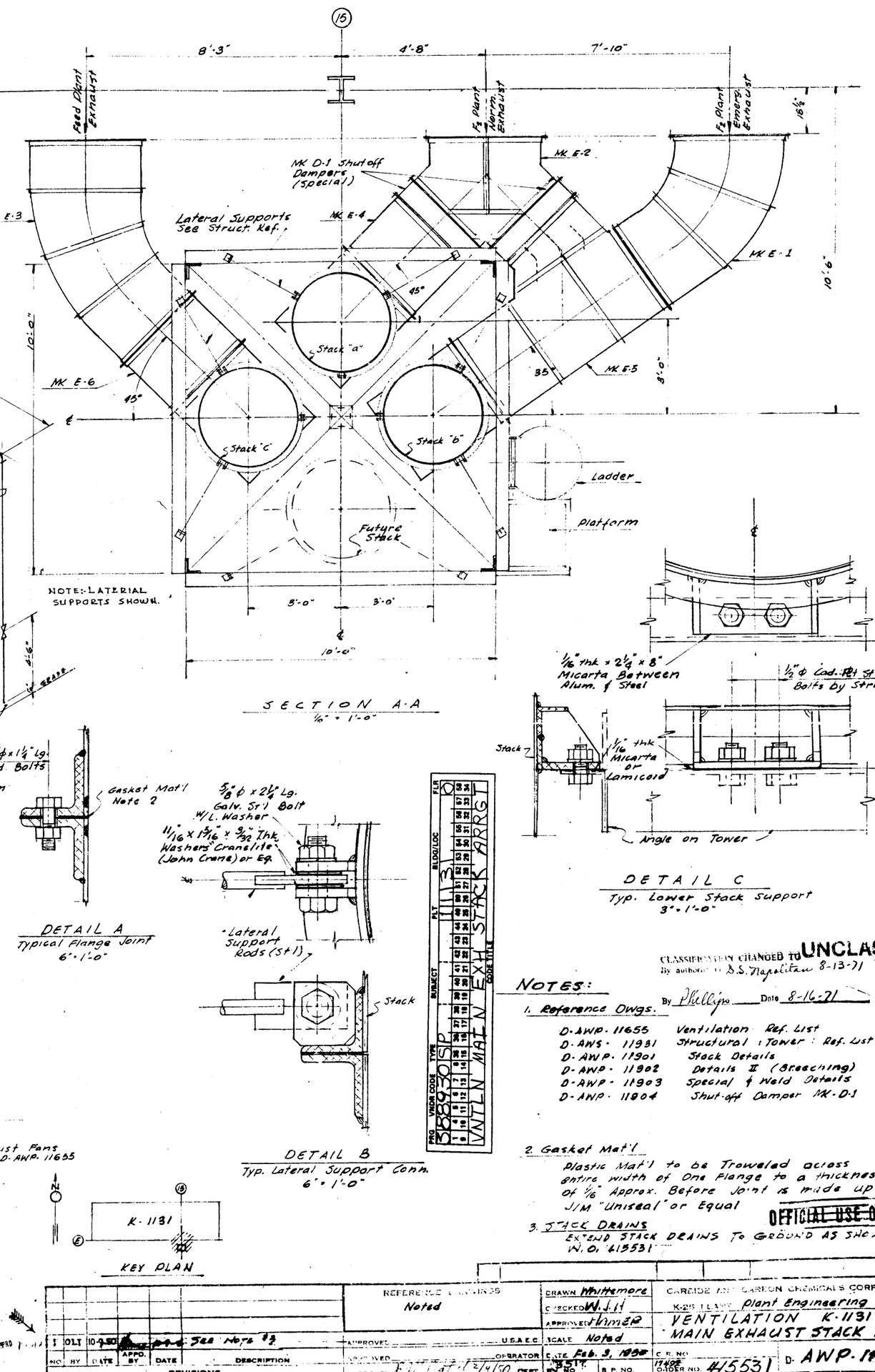
SOUTH ELEVATION
1/8" = 1'-0"



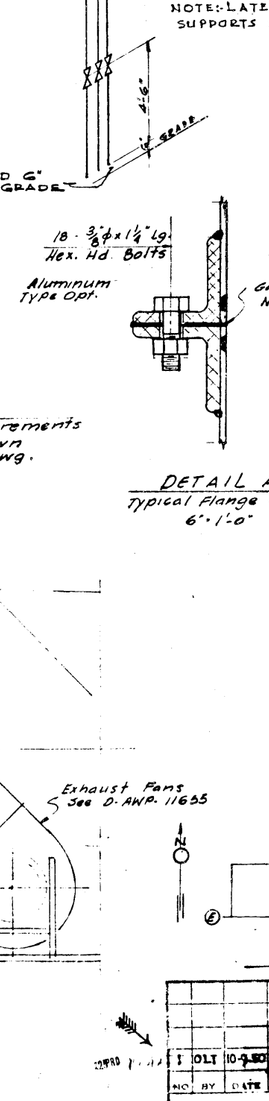
EAST ELEVATION
1/8" = 1'-0"



ISOMETRIC
STACK DRAINS.



SECTION A-A
1/8" = 1'-0"



DETAIL A
Typical Flange Joint
6" = 1'-0"

DETAIL B
Typ. Lateral Support Conn.
6" = 1'-0"

DETAIL C
Typ. Lower Stack Support
3" = 1'-0"

NOTES:

1. Reference Dwgs.

D-AWP-11655	Ventilation Ref. List
D-ANS-11931	Structural : Tower : Ref. List
D-AWP-11901	Stack Details
D-AWP-11902	Details II (Breeching)
D-AWP-11903	Special ℄ Weld Details
D-ANP-11904	Shut-off Damper MK-D-1

2. Gasket Mat'l
Plastic Mat'l to be Troweled across entire width of One Flange to a thickness of 1/16" Approx. Before Joint is made up J/M "Uniseal" or Equal

3. STACK DRAINS
EXTEND STACK DRAINS TO GROUND AS SHOWN PER W.D. 613531

CLASSIFICATION CHANGED TO UNCLASSIFIED
By authority of B.S. Napolitano 8-13-71
By Phillips Date 8-16-71

OFFICIAL USE ONLY

REFERENCE DRAWINGS: Noted	DRAWN Whitemore	CARBIDE AND CARBON CHEMICALS CORPORATION			
	CHECKED W.J.H	K-25 PLANT Plant Engineering DEPT.			
	APPROVED Winner	VENTILATION K-1131 MAIN EXHAUST STACK ARR'GT			
	APPROVED	U.S.A.E.C.	SCALE Noted		
	APPROVED	OPERATOR	DATE Feb. 3, 1950	C.E. NO.	
	APPROVED T.W. Patterson 1/4/50 DEPT.		B.W.I.T. BY NO.	B.P. NO.	ORDER NO. 45531

NO.	BY	DATE	APPD. BY	DATE	DESCRIPTION
1	OLT	10-9-50			See Note #3

REVISIONS

D-AWP-11900 19

B-4-333-435

R

#2431

This document has been approved for release to the public by:
Asst. D.B. Gilliland 1/2/96
Technical Information Officer Date
Oak Ridge K-25 Site

ChemRisk/Shonka Research Associates, Inc., Document Request Form

(This section to be completed by subcontractor requesting document)

J. Lamb / Eng. Records
Requestor / Document Center (is requested to provide the following document)

Date of request 12/6/95 Expected receipt of document _____

Document number E-EC-1131-A, R.8 Date of document 9/26/72

Title and author (if document is unnumbered)

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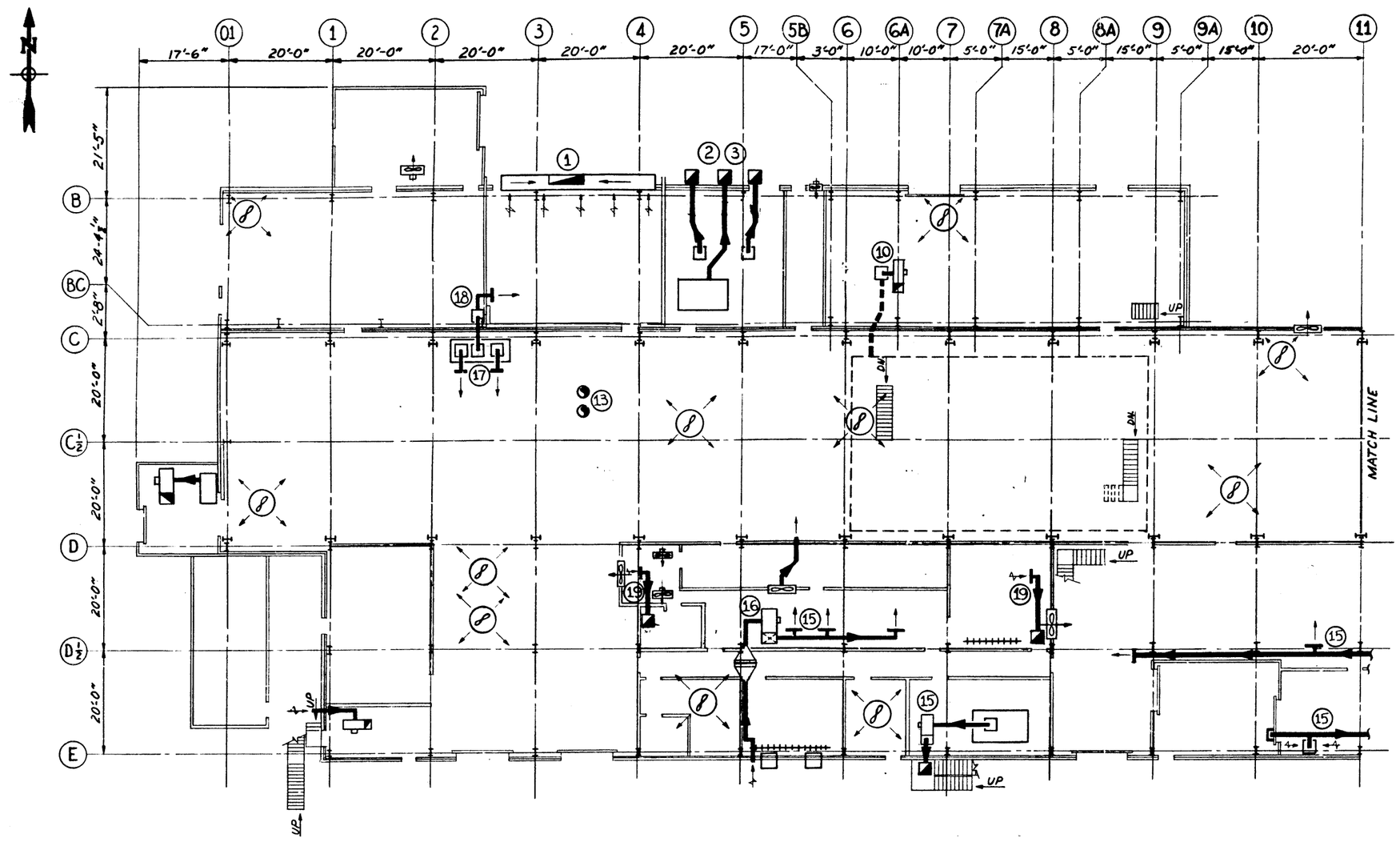
(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received _____

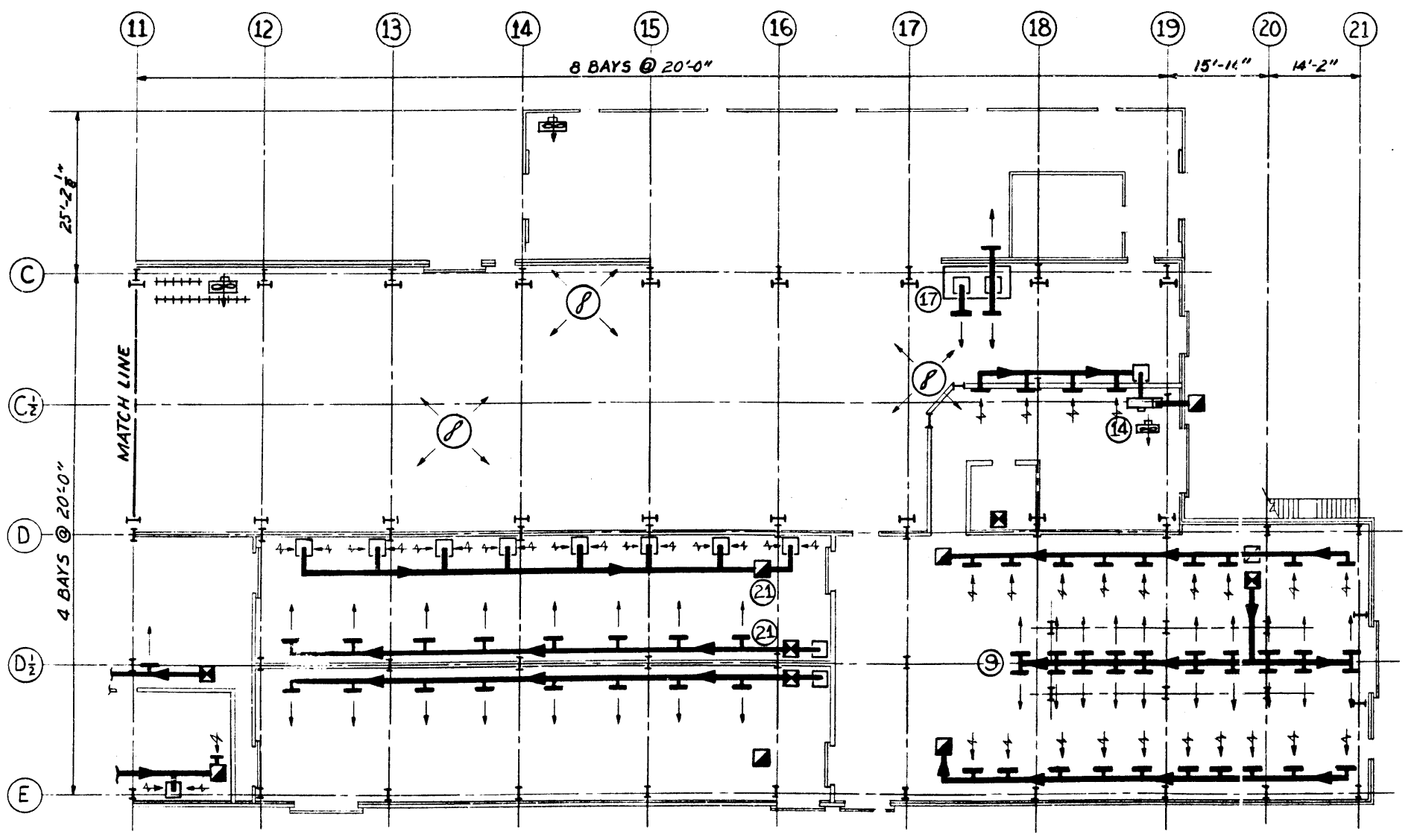
Signature _____

SQUAD CHECK									REVISIONS					
CHEM	CIVIL ARCH	ELEC	ELECTRONIC	ENG MECH	ENVIR CONTR	INST	MACH (TOOL)	MECH DES	REV.	ZONE	DESCRIPTION	DATE	BY	APP'D

NEXT ASS'Y.: 1 FINAL ASS'Y.:



FIRST FLOOR PLAN



REFERENCE DRAWINGS

REF. #	DRAWING #
1	D-KP-K9223 H3-0
2	D-KP-K9223 H2-1
3	D-KP-K9223 H1-0
4	D-KP-K9223 E6-0
	D-KP-K9223 E8-0
	D-AWP-11661-1
	C-KP-K3183-1
	D-AWP-11659-1
5	D-AWP-11662-0
6	D-KP-K9223 M1-0
7	D-KP-K9223 E5-0
8	D-KP-K9223 E2-0
	D-KP-K9223 E4-0
9	D-KP-K9223 E1-0
	D-KP-K9223 E5-0
	D-KP-K9223 E3-0
10	D-KP-K9223 D1-0
	D-KP-K9223 D3-1
	D-KP-K9223 D2-1
11	D-AWP-12644-0
12	D-AWP-11900-1
13	E-P-21111 AA-0
14	E-P-21230 AC-1
	E-P-21230 AD-0
15	D-AWP-11657-1
16	D-AWP-11656-0
17	D-AWP-12384-0
18	D-AWP-15471-0
19	D-AWP-12673-0
20	D-AWP-12487-1
21	D-KP-K9223 E7

LEGEND

- CENTRIFUGAL FAN
- POWER ROOF EXHAUSTER
- EXHAUST OR RETURN AIR
- SUPPLY AIR
- SUPPLY DIFFUSER
- SUPPLY DIFFUSER OR RETURN REGISTER
- FINNED TUBE STEAM RADIATOR
- STEAM UNIT HEATER
- WALL EXHAUST FAN
- STEAM HEATING COIL
- FILTER
- WINDOW TYPE AIR CONDITIONER
- SUPPLY & EXHAUST DUCT
- AIR INTAKE HOOD

This document has been approved for release to the public by:

Technical Information Officer
Oak Ridge K-25 Site

Date

TOLERANCES UNLESS OTHERWISE SPECIFIED	DESIGN	
FRACTIONS ±	DRAWN C. BEELER	9-15-72
XX DECIMALS ±	CHECKED	
XXX DECIMALS ±	SECTION P.E. Edwards	9-26-72
ANGLES ±	DEPT. R.E. Chaot	9/26/72
BREAK SHARP EDGES ___ MAX.	DIVISION	
REFERENCES:	OPERATOR	
	EQ. T & I/MID	
	SAFETY	
ORDER NO.	FIRE PROT.	
W.O.	NUC. SAFETY	
B.M. No.	AIR & WATER POLL. CONTR.	

UNION CARBIDE CORPORATION • NUCLEAR DIVISION
operated for the ATOMIC ENERGY COMMISSION under U.S. GOVERNMENT contract W-7405 eng 26
Oak Ridge, Tennessee

MASTER PLAN

H.V. & A/C FIRST FLOOR PLAN

TYPE P

3 H | SCALE: 3/32"=1'-0" | SHEET OF | CLASS H

K-25 | K | 1131 | E-EC-1131 A | REV.

#2431

ChemRisk/Shonka Research Associates, Inc., Document Request Form

(This section to be completed by subcontractor requesting document)

J. Lamb / Eng. Records
Requestor / Document Center (is requested to provide the following document)

Date of request 12/6/95 Expected receipt of document _____

Document number EEC-1131-B, R.0 Date of document 9/26/72

Title and author (if document is unnumbered)

_____

_____

(This section to be completed by Document Center)

Date request received 12/11/95

Date submitted to ADC 12/12/95

Date submitted to HSA Coordinator 12/11/95

(This section to be completed by HSA Coordinator)

Date submitted to CICO 12/12/95

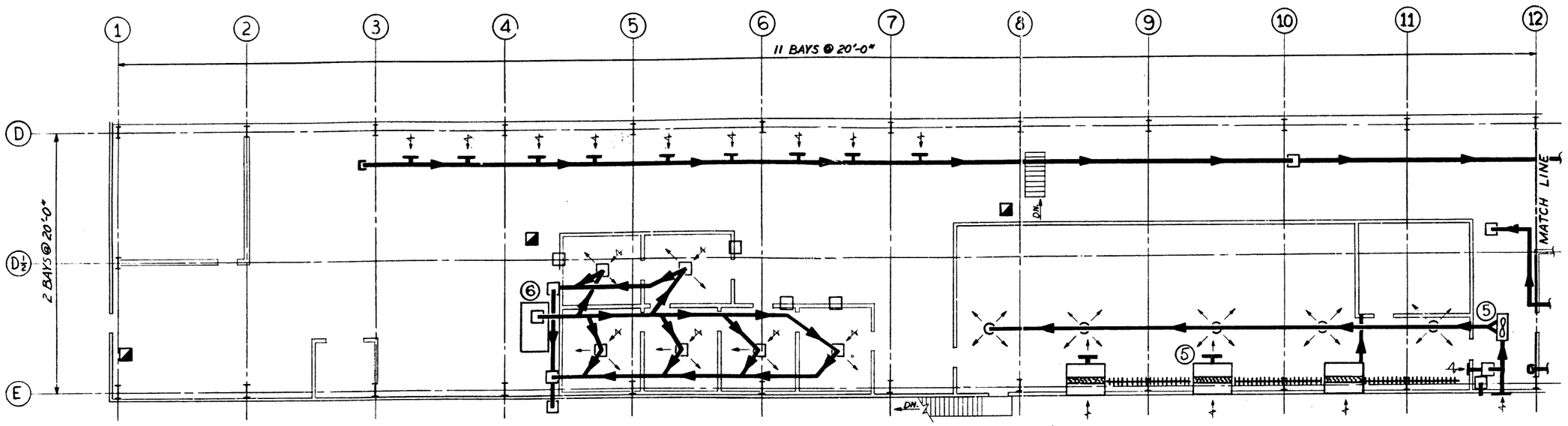
Date received from CICO 1/3/96

Date submitted to ChemRisk/Shonka and DOE 1/3/96

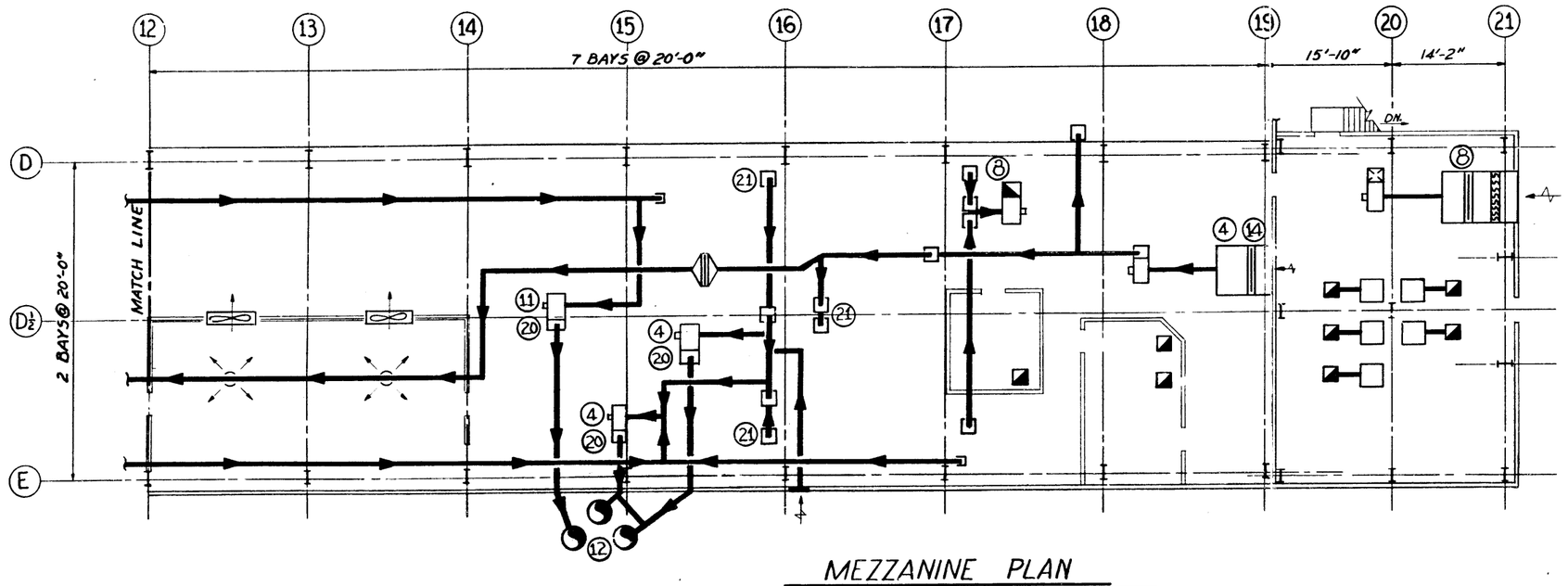
(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received _____

Signature _____



MEZZANINE PLAN



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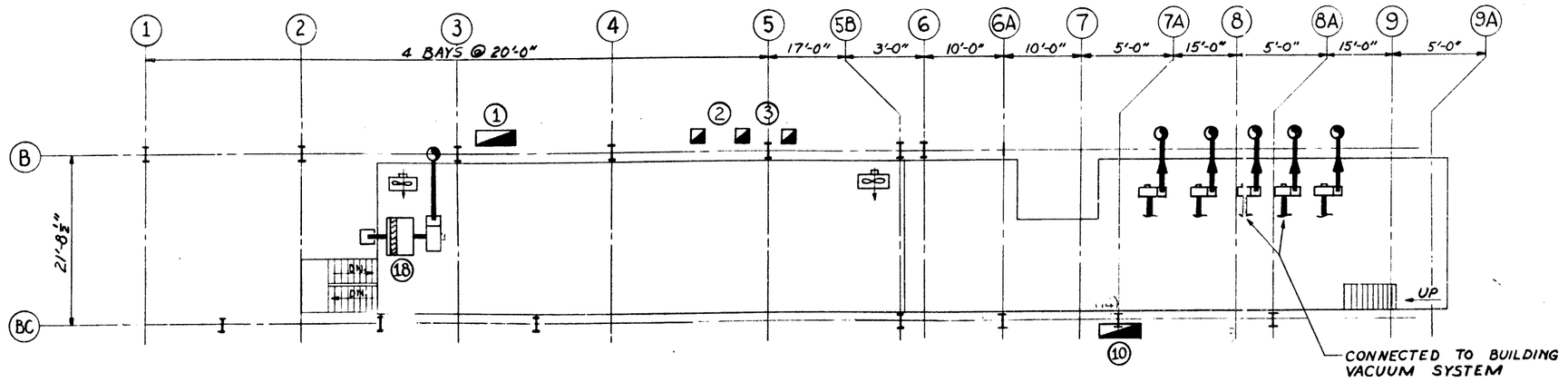
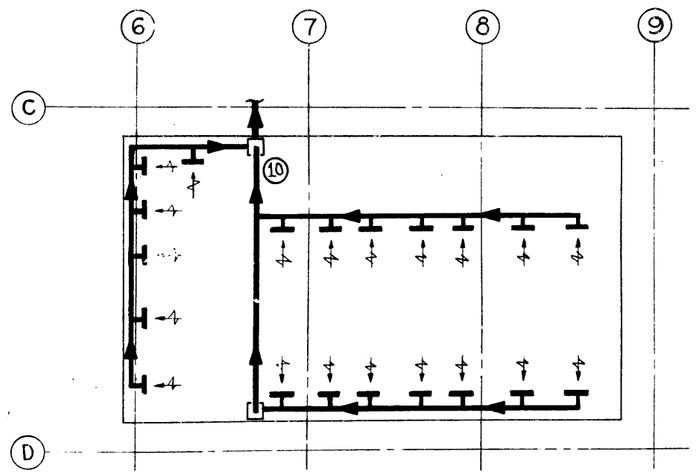


STORAGE MEZZANINE PLAN



PIT PLAN

LEGEND — REFERENCE DRAWINGS
FOR LEGEND & REFERENCE DRAWINGS
SEE DRAWING E-EC-1131 A

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Technical Information Officer
Oak Ridge K-25 Site
Date

#2421

UNION CARBIDE CORPORATION ◇ NUCLEAR DIVISION
Oak Ridge, Tennessee

MASTER PLAN

H.V. & A/C MEZZANINE PLAN

3 H | SCALE: 1/8"=1'-0" | SHEET | OF

K-25 | K1131 | M | E-EC-1131 B

ChemRisk/Shonka Research Associates, Inc., Document Request Form

(This section to be completed by subcontractor requesting document)

J. Lamb / Eng. Records

Requestor / Document Center (is requested to provide the following document)

Date of request 12/6/95 Expected receipt of document _____

Document number E-EC-1131-C, R.O Date of document 9/26/72

Title and author (if document is unnumbered)

_____

_____

(This section to be completed by Document Center)

Date request received 12/11/95

Date submitted to ADC 12/12/95

Date submitted to HSA Coordinator 12/11/95

(This section to be completed by HSA Coordinator)

Date submitted to CICO 12/12/95

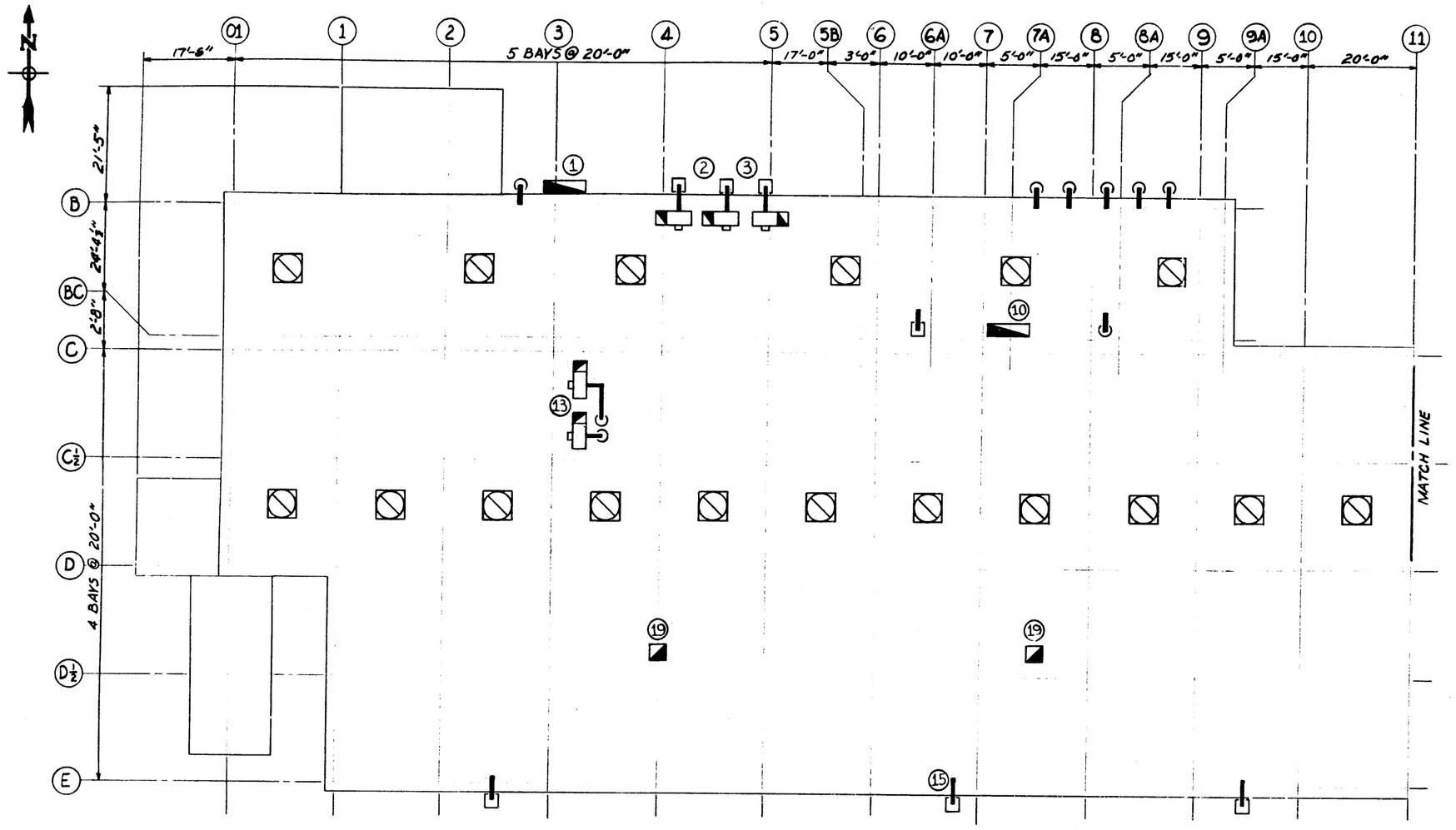
Date received from CICO 1/3/96

Date submitted to ChemRisk/Shonka and DOE 1/3/96

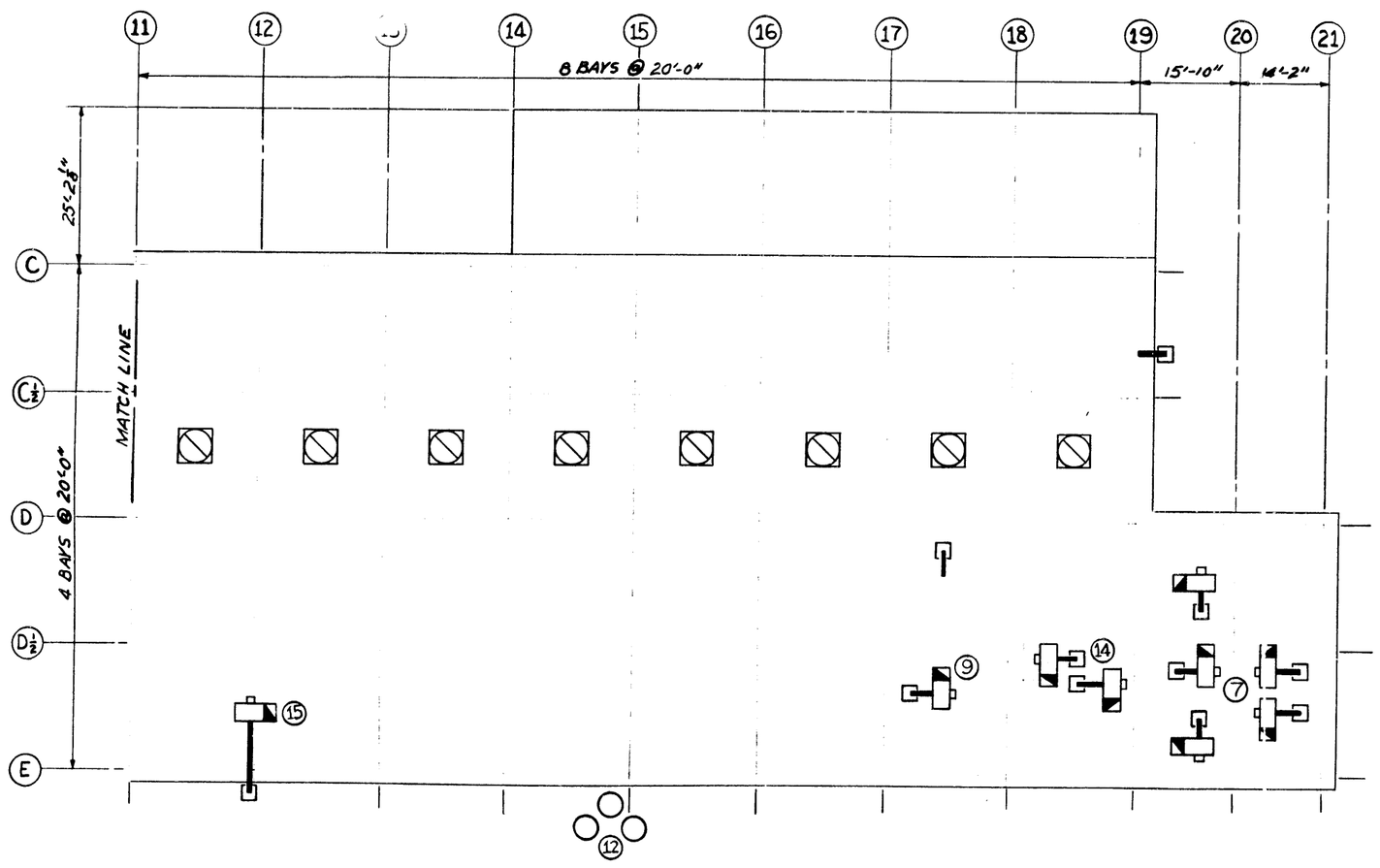
(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received _____

Signature _____



ROOF PLAN



LEGEND—REFERENCE DRAWINGS
FOR LEGEND & REFERENCE DRAWINGS
SEE DRAWING E-EC-1131 A

This document has been approved for release to the public by:

Technical Information Officer
Oak Ridge K-25 Site

Date

#2431

SQUAD CHECK									REVISIONS				
CHEM	CIVIL ARCH	ELEC	ELECT-RONIC	ENG MECH	ENVIR CONTR	INST	MACH (TOOL)	MECH DES	REV	ZONE	DESCRIPTION	DATE	BY	APP'D

NEXT ASSY: FINAL ASSY:

TOLERANCES UNLESS OTHERWISE SPECIFIED		DESIGN		
FRACTIONS ±		DRAWN C. BEELER	9-15-72	UNION CARBIDE CORPORATION ● NUCLEAR DIVISION operated for the ATOMIC ENERGY COMMISSION under U.S. GOVERNMENT CONTRACT W-7405-eng-26 Oak Ridge, Tennessee Date 12/5/73
XX DECIMALS ±		CHECKED		
XXX DECIMALS ±		SECTION P.E. EDWARDS	9-26-72	MASTER PLAN
ANGLES ±		DEPT. P.E. Chief	9/28/72	
BREAK SHARP EDGES MAX.		DIVISION		H.V. & A/C ROOF PLAN
REFERENCES:				TYPE P
		OPERATOR		3 H 41 SCALE: 3/32"=1'-0" SHEET OF CLASS 11
		EQ. T & I / MID		
		SAFETY		K-25 K1131 R E-EC-1131 C REV.
ORDER NO.		FIRE PROT.		
W. O.		NUC. SAFETY		
B.M. No.		AIR & WATER POLL. CONTR.		