USPS BULK MAIL/ CROSS DOCK/ DISPATCH OFFICE

FEDERAL WAY MAIL CENTER

Fire Alarm and Detection System

Equipment Supplied By

tyco / Fire & Security / SimplexGrinnell

DRAWING LIST

DRAWING NAME	DRAWING	INCLUDED IN THIS PROJECT
FA-COV-01	TITLE SHEET	X
FA-COV-02	COVER SHEET	X
FA-COV-03	COVER SHEET	X
FA-COV-04	COVER SHEET	X
FA-RIS-01	RISER SHEET	X
FA-RIS-02	RISER SHEET	X
FA-DET-01	DETAIL SHEET	X
FA-DET-02	DETAIL SHEET	X
FA-S-01	SITE PLAN	X
FA-F-01	SERVICE BAY (1ST, 2ND & 3RD FLOORS)	X
FA-F-02	1ST, 2ND & PENTHOUSE FLOORS SOUTH	X
FA-F-03	1ST FLOOR AND PENTHOUSE FLOORS NORTH	X
FA-F-04	1ST FLOOR AND PENTHOUSE FLOORS WEST	X
FA-F-05	1ST FLOOR – WEST EXTENSION	X
FA-F-06	CROSS DOCK/DISPATCH	X

tyco / Fire & Security / SimplexGrinnell
SimplexGrinnell
10830 NORTHEAST 36TH PLACE SUITE 75
KIRKLAND, WA 98033

FIRE ALARM SYSTEM
TITLE SHEET
USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE
34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
REVISION	9/28/00	BAL
AS-BUILT	5-10-01	BAL

DRAWN BY: M.C.B.
DATE: 10-22-97
REVISION INFORMATION 9/1/00
APPROVED BY: N.Y.F.
APPROVED BY: K.C.
SIMPLEX PROJECT NUMBER 458-910019-11
SHEET TITLE: FA-COV-01
SHEET NUMBER: FA-COV-01

FA-COVERS

GENERAL SYSTEM NOTES

1) FIRE ALARM SYSTEM IS POWER LIMITED. METALLIC RACEWAY SHALL BE USED IF REQUIRED BY CODE, SPECIFICATIONS AND CONTRACT DOCUMENTS OR AHJ.
2) ALL RACEWAYS MUST BE FREE OF MOISTURE
3) REFER TO SIMPLEX FIRE ALARM DATASHEETS FOR PROPER TYPE AND SIZES OF REQUIRED DEVICE MOUNTING ELECTRICAL BOXES. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROPER INSTALLATION OF ALL DEVICES.
4) AC VOLTAGE IS NOT PERMITTED IN THE SAME RACEWAY AS FIRE ALARM WIRING.
5) UNRELATED (NON-FIRE ALARM) WIRING SHALL NOT BE IN THE SAME RACEWAY AS FIRE ALARM WIRING.
6) ALL CONTRACTOR FIELD WIRING MUST ENTER TOP RIGHT AND/OR BOTTOM RIGHT OF FIRE ALARM CONTROL PANEL ONLY.
7) ZONE CIRCUITS AND SIGNAL CIRCUITS ARE ELECTRICALLY SUPERVISED. BRANCH CIRCUITS SHALL BE LOOPED TO MAINTAIN INTEGRITY OF SUPERVISED CIRCUITS--T-TAPPING OF ZONE CIRCUITS AND SIGNAL CIRCUITS IS NOT PERMITTED.
8) REFER TO FACP MODULE DIAGRAMS, INCLUDED WITH FACP, FOR SPECIFICATIONS AND INFORMATION ON INDIVIDUAL PANEL MODULES. VERIFY ALL CONNECTIONS WITH A SIMPLEX FIELD TECHNICAL REPRESENTATIVE PRIOR TO TERMINATION.
9) **ALL FIRE ALARM WIRING SHALL TEST FREE OF OPENS, SHORTS AND GROUNDS.**
10) ALL WIRING SHALL BE LABELED AND TAGGED
11) ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAKING ALL FINAL CONNECTIONS PRIOR TO JOB CHECKOUT AND FINAL TESTING BY A SIMPLEX FIELD TECHNICAL REPRESENTATIVE. CALL A MINIMUM OF 5 DAYS IN ADVANCE TO SCHEDULE A SIMPLEX TECHNICIAN AT (425) 827-3700
12) ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR MAKING ALL ARRANGEMENTS FOR INSPECTION, TEST AND CERTIFICATION OF THE FIRE ALARM SYSTEM BY ALL APPROPRATE AUTHORITIES.
13) UPON WRITTEN REQUEST, SIMPLEX WILL PROVIDE WRITTEN INSTRUCTIONS REGARDING THE APPROPRIATE WIRE/CABLE FOR INSTALLATION OF THE EQUIPMENT/SYSTEM(S) IDENTIFIED IN THESE DRAWINGS. SIMPLEX SHALL NOT BE RESPONSIBLE FOR PROBLEMS OR DAMAGES RESULTING FROM THE USE OF WIRE/CABLE OTHER THAN THAT WHICH HAS BEEN IDENTIFIED IN WRITING BY SIMPLEX FOR A SPECIFIC APPLICATION.
14) ALL WIRING SHALL MEET ALL APPLICABLE NATIONAL ELECTRIC CODE ARTICLES FOR FIRE ALARM AND LOW VOLTAGE WIRING.

ARCHITECT: CORNERSTONE ARCHITECTURAL GROUP, P.S.
SEATTLE, WA

FIRE ALARM SYSTEM DESIGNED BY: SIMPLEX TIME RECORDER CO.
KIRKLAND, WA

FIRE ALARM SYSTEM INSTALLATION BY: SIMPLEX TIME RECORDER CO.
KIRKLAND, WA

*EQUIPMENT FOR FIRE ALARM SYSTEM BY: SIMPLEX TIME RECORDER CO.
KIRKLAND, WA

WASHINGTON STATE CONTRACTORS #SIMPLTR051M6

*** THESE DRAWINGS DO NOT SUPERSEDE THE CONTRACT DRAWINGS AND SPECIFICATIONS, THEY ARE INTENDED AS A SUPPLEMENT ONLY AND MUST BE USED IN CONJUNCTION WITH THE CONTRACT DOCUMENTS. THEY DO NOT MODIFY THE CONTRACTORS OBLIGATIONS TO CONFORM TO THE PROJECTS ORIGINAL DESIGN CRITERIA.**

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Gardner, MA. 01441

WIRE CODE

ALL WIRING TO MEET CURRENT NATIONAL ELECTRIC CODE ARTICLE 760, 300, 310, 370, 725 AND ALL RELATED SECTION CODE REQUIREMENTS

LETTER	QTY	COLOR/TYPE	SIZE	FUNCTION
A	2	BLACK/ORANGE TFN	16	ZONE
C	2	RED/BLUE THHN	12	STROBE
D	4	(2)RED/(2)BLUE THHN	12	STROBE LOOP
H	1	WEST PENN D975	18	SERIAL ANNUNCIATOR
	2	RED/BLACK THHN	14	
J	1	TWISTED SHIELD PAIR	14	SPEAKER CABLE
K	2	TWISTED SHIELD PAIR	14	SPEAKER CABLE LOOP
N	1	WEST PENN D975	18	NETWORK CABLE
P	2	RED/BLACK THHN	14	24VDC POWER
R	2	BLUE/WHITE TFN	16	REMOTE LED W/TEST SW.
	2	PINK TFN	16	
X	1	WEST PENN D975	18	ADDR. MAPNET DATA LINE

NOTES:
1) TAG AND IDENTIFY ALL ZONE WIRES WITH ZONE NUMBER.
2) TAG AND IDENTIFY ALL SIGNAL CIRCUIT WIRES WITH SIGNAL CIRCUIT NUMBER.
3) TAG AND IDENTIFY ALL ANNUNCIATOR WIRES.

NOTE:
SPEAKER/HORNS TO BE TAPPED AT 7.5W

ELECTRICAL CONTRACTOR

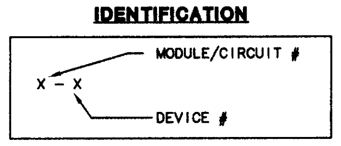
- ELECTRICAL CONTRACTOR IS TO SCHEDULE A PRELIMINARY SITE MEETING WITH A SIMPLEX TECHNICAL REPRESENTATIVE. THESE MEETINGS ARE FOR REVIEWING EQUIPMENT LISTS, INSTALLATION PROCEDURES, AND PROVIDING ANSWERS TO QUESTIONS RELATIVE TO SYSTEM INSTALLATION.
- PLEASE ALLOW A MINIMUM OF FIVE WORKING DAYS ADVANCE NOTICE TO SCHEDULE A PRELIMINARY JOB SITE MEETING.
- TO SCHEDULE A MEETING PLEASE CONTACT OUR SERVICE DEPARTMENT AT (425) 827-3700.

LEGEND

SYMBOL	DESCRIPTION	MODEL #	BACK BOX
F 1-1	MANUAL PULL STATION • SUBSCRIPT INDICATES MAPNET #	2099-9795 W/ 2099-9813 TRIM	2-GANG DEEP BY EC 3" X 2" X 2.5"
F E	EXISTING MANUAL PULL STATION • SUBSCRIPT INDICATES MAPNET #	2099-9795 W/ 2099-9813 TRIM	2-GANG DEEP BY EC 3" X 2" X 2.5"
2	SPEAKER HORN • SUBSCRIPT INDICATES CIRCUIT #	2902-9701	SURFACE MOUNTED
S 15cd 2/2	SPEAKER/STROBE 15/75cd • SUBSCRIPT INDICATES CIRCUIT #	4903-9326	4" SQ W/1.5" EXT BY EC
S 30cd 2/2	SPEAKER/STROBE 30cd • SUBSCRIPT INDICATES CIRCUIT #	4903-9329	4" SQ W/1.5" EXT BY EC
S 110cd 2/2	SPEAKER/STROBE 110cd • SUBSCRIPT INDICATES CIRCUIT #	4903-9332	4" SQ W/1.5" EXT BY EC
S 2	CEILING SPEAKER • SUBSCRIPT INDICATES CIRCUIT #	4902-9707	4" SQ W/1.5" EXT BY EC
15cd 2	STROBE 15cd • SUBSCRIPT INDICATES CIRCUIT #	4904-9331	4" SQ BY EC
75cd 2	STROBE 15cd • SUBSCRIPT INDICATES CIRCUIT #	4904-9332	4" SQ BY EC
110cd 2	STROBE 15cd • SUBSCRIPT INDICATES CIRCUIT #	4904-9333	4" SQ BY EC
WP 2	WEATHERPROOF STROBE • SUBSCRIPT INDICATES CIRCUIT #	WM3T-24-VFR	WBB-R
F WP 2	10" BELL • SUBSCRIPT INDICATES CIRCUIT #	4901-9304	WBB-R
SYNC	SYNC MODULE	4905-9914	4" SQ BY EC
S 1-1	PHOTOELECTRIC SMOKE DETECTOR • SUBSCRIPT INDICATES MAPNET #	2098-9201 W/ 2098-9652 BASE	4" OCT BY EC
S E	EXISTING SMOKE SENSOR	2098-9201 W/ 2098-9652 BASE	4" OCT BY EC
S D	DUCT DETECTOR	4098-9756	SELF-CONTAINED
H 1-1	HEAT SENSOR • SUBSCRIPT INDICATES MAPNET #	4098-9733 W/ 4098-9792 BASE	4" OCT BY EC
H E	EXISTING HEAT SENSOR	4098-9408 W/ 2098-9652 BASE	4" OCT BY EC
H FT	FIXED-TEMP STAND-ALONE HEAT DETECTOR	2098-9488 W/ 2098-9494 PLATE	4" OCT BY EC
IAM 1-1	SUPERVISED IAM • SUBSCRIPT INDICATES MAPNET #	2190-9172	4" SQ DEEP W/COVER BY EC
DH E	DOOR HOLDER	EXISTING	EXISTING
F	FLOW SWITCH	BY OTHERS	BY OTHERS
T	TAMPER SWITCH	BY OTHERS	BY OTHERS
P	POST INDICATOR VALVE	BY OTHERS	BY OTHERS
S	SECTION CONTROL VALVE	BY OTHERS	BY OTHERS
V	SPRINKLER VALVE DETECTOR	BY OTHERS	BY OTHERS
ADT	'ADT' AUTOMATIC DOOR CONTROL PANEL	BY OTHERS	BY OTHERS
R	REMOTE RELAY	2088-9008	SELF-CONTAINED
GCC	GRAPHIC COMMAND CENTER	4190-8101	DESK-TOP
PRT	PRINTER	4190-9007	SELF-CONTAINED
NAC E	EXISTING NAC POWER EXTENDER PANEL	4009-9002	16.5" X 13.5" X 4.1875"
NAC	NEW NAC PANEL	4009-9201	16.5" X 13.5" X 4.25"
LCD	LCD ANNUNCIATOR	4603-9101	6-GANG BY EC
4020	EXISTING FIRE ALARM CONTROL PANEL	4020-8001	36.25" X 25.75" X 4.25"
TPR	MINI-PLEX TRANSPONDER	4100-8019	25.75"W X 36.25"H X 7.75"D
FACP	MAIN 4120 FACP	4100.8210	25.75"W X 36.25"H X 7.75"D

SEQUENCE OF OPERATION	MANUAL PULL STATION	SMOKE DETECTION	HEAT DETECTION	FLOW SWITCH	TAMPER SWITCH	SYSTEM TROUBLE	EXISTING DUCT DETECTOR
ACTIVATION OF LOCAL ALARM AT FACP (LCD DISP. & AUDIBLE INDICATION)	X	X	X	X			X
DISPLAY ALARM AT ANNUNCIATOR	X	X	X	X			X
ACTIVATE ALL AUDIBLE/VISIBLE DEVICES	X	X	X	X			X
TRANSMIT ALARM SIGNAL TO CENTRAL STATION MONITOR	X	X	X	X			X
TROUBLE/SUPV. INDICATION AT FACP					X	X	
TROUBLE/SUPV. INDICATION AT ANNUNCIATOR					X	X	
TRANSMIT TROUBLE/SUPV. SIGNL TO CENTRAL STATION MONITOR					X	X	
OPEN STAIRWELL DOORS (ADT INL)	X	X	X	X			X

ADDRESSABLE DETECTOR IDENTIFICATION

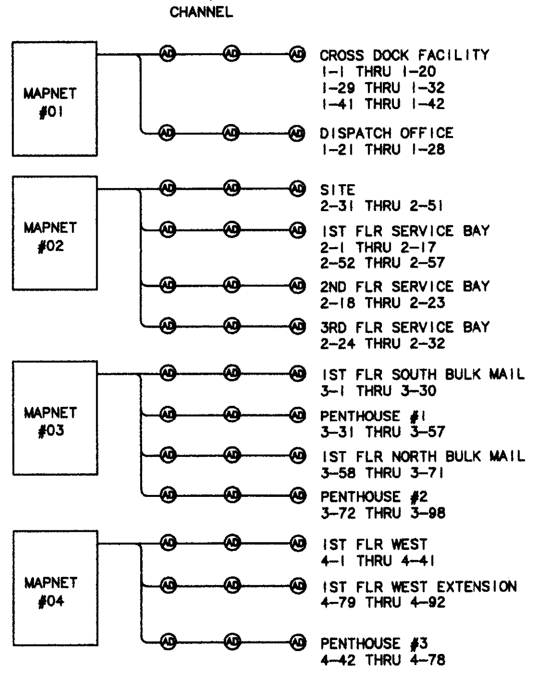


NOTES:

- FIRE ALARM DRAWINGS ARE SCHEMATIC ONLY.
- ALL CABLE SUBSTITUTIONS MUST BE APPROVED BY SIMPLEX ENGINEERING IN WRITING.
- NOTE: MOUNT HORN/STROBES, SPEAKER/STROBES AND STROBES AT 80" TO BOTTOM OF DEVICE.
- NOTE: MOUNT PULL STATIONS AT 48" TO TOP OF DEVICE.
- ALL SHIELDS ON THE SAME MAPNET CHANNEL SHALL BE TAPED TOGETHER AND BE FREE OF OPENS, SHORTS, AND GROUNDS.
- DO NOT EXCEED 2500 FT OUT TO FURTHEST DEVICE-MAXIMUM 10,000 FT ON MAPNET CHANNEL.
- DRY CONTACT ONLY PROVIDED FOR DOOR HOLDERS, ROLL DOORS AND SMOKE/FIRE DAMPERS - POWER BY OTHERS.

MAPNET CIRCUIT DISTRIBUTION

DO NOT EXCEED 2500ft OUT TO FURTHEST DEVICE-MAXIMUM 10,000ft ON MAPNET CHANNEL



AD = ADDRESSABLE DEVICE

4020 FACP

BATTERY CALCULATIONS — CROSSDOCK 4020 FACP

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ■ NO?

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ■ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4020-8001	EXISTING 4020 FACP	0.5850	0.5850	3.1700	3.1700
2	4904-9331	15cd QUICKALERT STORBE ONLY	0.0000	0.0000	0.0470	0.0940
1	4903-9326	15cd SPEAKER/STROBE	0.0000	0.0000	0.0950	0.0950
1	4903-9330	110cd SPEAKER/STROBE	0.0000	0.0000	0.2200	0.2200
1	2901-9333	EXISTING 10" RED BELL	0.0000	0.0000	0.1100	0.1100
2	WM3T-24-FR	WP STROBE	0.0000	0.0000	0.0880	0.1760
1	4904-9304	NEW 10" RED BELL	0.0000	0.0000	0.0300	0.0300

Total Standby= 0.5950 Total Alarm= 3.8950

			Time (Hrs.)	
Total Standby Current Required=	0.5950	X	24.0000	14.2800
Total Alarm Current Required=	3.8950	X	0.0833	0.3245
Total=				14.6045
20% Depletion Factor				2.9290
Total Amp/Hour Required				17.5253
Total Amp/Hour Batteries Provided			(1) Set	33.0000

VOLTAGE DROP CALCULATIONS - 4020 FACP

15cd	15cd S	110cd S	E F	WP	WP F	CIRCUIT DESCRIPTION	CURRENT	DIST (ft)	VOLTAGE DROP
2	1	1	0	0	0	1) DISPATCH OFFICE	0.409	565	0.75
0	0	0	1	2	1	2) OUTSIDE HORN/STROBES	0.316	590	0.61
.	.	.	.	.	.	3) NAC PANEL	.	.	.
.	.	.	.	.	.	4) SPARE	.	.	.

NAC PANEL #1

BATTERY CALCULATIONS - CROSSDOCK NAC #1

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ■ NO?

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ■ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4009-9001	EXISTING NAC #1 PANEL	0.0670	0.0670	0.1030	0.1030
4	4903-9326	15cd SPEAKER/STROBE	0.0000	0.0000	0.0950	0.3800
6	4903-9329	30cd SPEAKER/STROBE	0.0000	0.0000	0.1250	0.7500
13	4903-9330	110cd SPEAKER/STROBE	0.0000	0.0000	0.2200	2.8600

Total Standby= 0.0670 Total Alarm= 4.0930

			Time (Hrs.)	
Total Standby Current Required=	0.0670	X	24.0000	1.6080
Total Alarm Current Required=	4.0930	X	0.0833	0.3409
Total=				1.9489
20% Depletion Factor				0.3898
Total Amp/Hour Required				2.3387
Total Amp/Hour Batteries Provided			(1) Set	6.2000

VOLTAGE DROP CALCULATIONS - NAC #1

15cd S	30cd S	110cd S	CIRCUIT DESCRIPTION	CURRENT	DIST (ft)	VOLTAGE DROP
0	0	5	N1-1) CROSS DOCK FACILITY	1.100	380	1.36
0	0	6	N1-2) CROSS DOCK FACILITY	1.320	365	1.57
3	2	2	N1-3) CROSS DOCK FACILITY	0.975	220	0.70
1	4	0	N1-4) CROSS DOCK FACILITY	0.595	495	0.38

tyco Fire & Security / SimplexGrinnell
SimplexGrinnell
10630 NORTHEAST 38TH PLACE SUITE 75
KIRKLAND, WA 98033

FIRE ALARM SYSTEM
COVER SHEET
USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE
34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
△ REVISION	9/28/00	SAL
ASBUILT	8-10-01	SAL

DRAWN BY: M.C.B.	REVISION INFORMATION
DATE: 10-22-97	9/1/00
APPROVED BY: N.Y.F.	APPROVED BY: K.C.

SIMPLEX PROJECT NUMBER 458-910019-11

SHEET TITLE: FA-COV-02

SHEET NUMBER: FA-COV-02

FA-COVERS

4120 FACP

4100 FACP SPEAKER CIRCUIT

1-2) NOT USED	
3) CROSS-DOCK FACILITY/DISPATCH OFFICE	13 WATTS
4) SERVICE BAY - 1ST FLOOR	13 WATTS
5) SERVICE BAY - 2ND FLOOR	14 WATTS
6) SERVICE BAY - 3RD FLOOR	12 WATTS
7) SPARE	
8) SPARE	
TOTAL	52 WATTS

BATTERY CALCULATIONS - 4120 FACP

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ■ NO?

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ■ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4120-8001	MAIN FIRE ALARM CONTROL PANEL	2.5650	2.5650	22.5880	22.5880
38	4904-6331	15cd QUICKALERT STROBE ONLY	0.0000	0.0000	0.0470	1.7860
22	4904-6332	75cd QUICKALERT STROBE ONLY	0.0000	0.0000	0.1340	2.9480
11	4904-6333	110cd QUICKALERT STROBE ONLY	0.0000	0.0000	0.1810	2.1010
4	4903-6328	15cd SPEAKER/STROBE	0.0000	0.0000	0.0850	0.3800
2	4903-6329	30cd SPEAKER/STROBE	0.0000	0.0000	0.1250	0.2500
5	4903-6330	110cd SPEAKER/STROBE	0.0000	0.0000	0.2200	1.1000
1	4901-6304	10" RED BELL	0.0000	0.0000	0.0300	0.0300
1	WAST-24-FR	WEATHERPROOF STROBE	0.0000	0.0000	0.0880	0.0880
				Total Standby= 2.5650		Total Alarm= 31.1300

			Time (Hrs.)	
Total Standby Current Required=	2.5650	X	24.0000	61.5600
Total Alarm Current Required=	31.1300	X	0.0833	2.5931
Total=				64.1531
20% Depletion Factor				12.8306
Total Amp/Hour Required				76.9838
Total Amp/Hour Batteries Provided			(1) Set	110.0000

VOLTAGE DROP CALCULATIONS - 4100 FACP

15cd	75cd	110cd	15cd	30cd	110cd	WP	WP	CIRCUIT DESCRIPTION	CURRENT	DIST (ft)	VOLTAGE DROP
4	4	0	1	0	0	0	0	9) 1ST FLOOR	0.819	365	0.97
5	3	2	2	0	0	0	0	10) 1ST FLOOR	1.209	220	0.87
2	0	0	1	1	0	0	0	11) 1ST FLOOR	1.195	185	0.72
2	2	3	0	0	0	0	0	12) 2ND FLOOR	0.935	390	1.19
8	4	0	0	0	0	0	0	13) 2ND FLOOR	0.912	360	1.07
1	2	2	0	1	0	0	0	14) 2ND FLOOR	0.822	295	0.79
3	1	2	0	0	0	0	0	15) 3RD FLOOR	0.657	425	0.91
5	3	0	0	1	0	0	0	16) 3RD FLOOR	0.857	410	1.15
5	3	2	0	0	0	0	0	17) 3RD FLOOR	1.019	395	1.31
0	0	0	0	0	4	0	0	18) NAC 2,3,4,5	0.018	685	0.04
0	0	0	0	0	3	0	0	19) NAC 6,7,8	0.014	770	0.03
0	0	0	0	0	0	1	1	20) OUTSIDE	0.118	210	0.08

TRANSPONDER #1

TPR #1 SPEAKER CIRCUIT

21) BULK MAIL - PENTHOUSE #1	32.0 WATTS
22) BULK MAIL - 1ST FLOOR	52.5 WATTS
23) BULK MAIL - 1ST FLOOR	52.5 WATTS
24) BULK MAIL - 1ST FLOOR	37.5 WATTS
25) BULK MAIL - 1ST FLOOR	45.0 WATTS
26) BULK MAIL - 1ST FLOOR	45.0 WATTS
27) BULK MIAL - 1ST FLOOR	45.0 WATTS
28) BULK MAIL - 1ST FLOOR	45.0 WATTS
29) BULK MAIL - 1ST FLOOR	45.0 WATTS
30) BULK MAIL - 1ST FLOOR	45.0 WATTS
31) BULK MAIL - 1ST FLOOR	45.0 WATTS
32) BULK MAIL - 1ST FLOOR	45.0 WATTS
	TOTAL534.5 WATTS

BATTERY CALCULATIONS - TPR #1

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ■ NO?

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ■ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4100-8019	MINIPLEX TRANSPONDER #1	0.4630	0.4630	52.9650	52.9650
				Total Standby= 0.4630		Total Alarm= 52.9650

			Time (Hrs.)	
Total Standby Current Required=	0.4630	X	24.0000	11.5920
Total Alarm Current Required=	52.9650	X	0.0833	4.3870
Total=				15.9790
20% Depletion Factor				3.1958
Total Amp/Hour Required				19.1748
Total Amp/Hour Batteries Provided			(1) Set	33.0000

TRANSPONDER #2

TPR #2 SPEAKER CIRCUIT

33) BULK MAIL - PENTHOUSE #2	39.5 WATTS
34) BULK MAIL - 1ST FLOOR	45.0 WATTS
35) BULK MAIL - 1ST FLOOR	45.0 WATTS
36) BULK MAIL - 1ST FLOOR	45.0 WATTS
37) BULK MAIL - 1ST FLOOR	45.0 WATTS
38) BULK MAIL - 1ST FLOOR	45.0 WATTS
39) BULK MAIL - 1ST FLOOR	45.0 WATTS
40) BULK MAIL - 1ST FLOOR	45.0 WATTS
41) BULK MAIL - 1ST FLOOR	45.0 WATTS
42) BULK MAIL - 1ST FLOOR	45.0 WATTS
43) BULK MAIL - 1ST FLOOR	45.0 WATTS
44) BULK MAIL - 1ST FLOOR	45.0 WATTS
63) BULK MAIL - 1ST FLOOR	45.0 WATTS
64) BULK MAIL - 1ST FLOOR	38.5 WATTS
65) BULK MAIL - 1ST FLOOR	15.0 WATTS
66) BULK MAIL - 1ST FLOOR	45.0 WATTS
67) SPARE	.
68) SPARE	.
	TOTAL 678.0 WATTS

BATTERY CALCULATIONS - TPR #2

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ■ NO?

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ■ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4100-8019	MINIPLEX TRANSPONDER #2	0.8440	0.8440	70.2350	70.2350
				Total Standby= 0.8440		Total Alarm= 70.2350

			Time (Hrs.)	
Total Standby Current Required=	0.8440	X	24.0000	15.4560
Total Alarm Current Required=	70.2350	X	0.0833	5.8506
Total=				21.3066
20% Depletion Factor				4.2613
Total Amp/Hour Required				25.5679
Total Amp/Hour Batteries Provided			(1) Set	33.0000

TRANSPONDER #3

TPR #3 SPEAKER CIRCUIT

45) BULK MAIL - PENTHOUSE #3	37.5 WATTS
46) BULK MAIL - 1ST FLOOR	40.0 WATTS
47) BULK MAIL - 1ST FLOOR	45.0 WATTS
48) BULK MAIL - 1ST FLOOR	37.5 WATTS
49) BULK MAIL - 1ST FLOOR	45.0 WATTS
50) BULK MAIL - 1ST FLOOR	45.0 WATTS
51) BULK MIAL - 1ST FLOOR	45.0 WATTS
52) BULK MAIL - 1ST FLOOR	45.0 WATTS
53) BULK MAIL - 1ST FLOOR	45.0 WATTS
54) BULK MAIL - 1ST FLOOR	45.0 WATTS
55) BULK MAIL - 1ST FLOOR	45.0 WATTS
56) BULK MAIL - 1ST FLOOR	45.0 WATTS
57) BULK MAIL - 1ST FLOOR	45.0 WATTS
58) BULK MAIL - 1ST FLOOR	45.0 WATTS
59) BULK MAIL - 1ST FLOOR	45.0 WATTS
60) BULK MAIL - 1ST FLOOR	45.0 WATTS
61) BULK MAIL - 1ST FLOOR	45.0 WATTS
62) BULK MAIL - 1ST FLOOR	45.0 WATTS
TOTAL	790.0 WATTS

BATTERY CALCULATIONS - TPR #3

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ■ NO?

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ■ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4100-8019	MINIPLEX TRANSPONDER #3	0.7120	0.7120	78.9850	78.9850
				Total Standby= 0.7120		Total Alarm= 78.9850

			Time (Hrs.)	
Total Standby Current Required=	0.7120	X	24.0000	17.0880
Total Alarm Current Required=	78.9850	X	0.0833	6.5795
Total=				23.6675
20% Depletion Factor				4.7335
Total Amp/Hour Required				28.4009
Total Amp/Hour Batteries Provided			(1) Set	33.0000

NAC PANEL #2

BATTERY CALCULATIONS - NAC #2

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ■ NO?

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ■ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4009-8201	NEW NAC #2 PANEL	0.0670	0.0670	0.1030	0.1030
25	4904-6333	110cd QUICKALERT STROBE ONLY	0.0000	0.0000	0.1810	4.7750
1	4903-6330	110cd SPEAKER/STROBE	0.0000	0.0000	0.2200	0.2200
				Total Standby= 0.0670		Total Alarm= 5.0980

			Time (Hrs.)	
Total Standby Current Required=	0.0670	X	24.0000	1.6080
Total Alarm Current Required=	5.0980	X	0.0833	0.4247
Total=				2.0327
20% Depletion Factor				0.4065
Total Amp/Hour Required				2.4392
Total Amp/Hour Batteries Provided			(1) Set	10.0000

VOLTAGE DROP CALCULATIONS - NAC #2

110cd	110cd	CIRCUIT DESCRIPTION	CURRENT	DIST (ft)	VOLTAGE DROP
5	1	N2-1) BULK MAIL - 1ST FLOOR	1.175	390	1.49
4	0	N2-2) BULK MAIL - 1ST FLOOR	0.764	315	0.78
8	0	N2-3) BULK MAIL - 1ST FLOOR	1.528	520	2.59
8	0	N2-4) BULK MAIL - 1ST FLOOR	1.528	535	2.66

NAC PANEL #0

BATTERY CALCULATIONS - NAC #0

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ■ NO?

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ■ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4009-8201	NEW NAC #3 PANEL	0.0670	0.0670	0.1030	0.1030
18	4904-6333	110cd QUICKALERT STROBE ONLY	0.0000	0.0000	0.1810	3.0860
2	4901-6304	10" RED BELL	0.0000	0.0000	0.0300	0.0600
2	WAST-24-FR	WEATHERPROOF STROBE	0.0000	0.0000	0.0880	0.1760
				Total Standby= 0.0670		Total Alarm= 3.3950

			Time (Hrs.)	
Total Standby Current Required=	0.0670	X	24.0000	1.6080
Total Alarm Current Required=	3.3950	X	0.0833	0.2828
Total=				1.8908
20% Depletion Factor				0.3782
Total Amp/Hour Required				2.2690
Total Amp/Hour Batteries Provided			(1) Set	10.0000

VOLTAGE DROP CALCULATIONS - NAC #3

110cd	WP	WP	CIRCUIT DESCRIPTION	CURRENT	DIST (ft)	VOLTAGE DROP
8	0	0	N3-1) BULK MAIL - 1ST FLOOR	1.528	510	2.54
8	0	0	N3-2) BULK MAIL - 1ST FLOOR	1.528	565	2.81
0	2	2	N3-3) BULK MAIL - OUTSIDE	0.236	480	0.37
.	.	.	N3-4) SPARE	.	.	.

NAC PANEL #4

BATTERY CALCULATIONS - NAC #4

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ■ NO?

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ■ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4009-8201	NEW NAC #4 PANEL	0.0670	0.0670	0.1030	0.1030
24	4904-6333	110cd QUICKALERT STROBE ONLY	0.0000	0.0000	0.1810	4.3440
2	4903-6328	15cd SPEAKER/STROBE	0.0000	0.0000	0.0850	0.1900
1	4903-6329	30cd SPEAKER/STROBE	0.0000	0.0000	0.1250	0.1250
				Total Standby= 0.0670		Total Alarm= 5.0020

			Time (Hrs.)	
Total Standby Current Required=	0.0670	X	24.0000	1.6080
Total Alarm Current Required=	5.0020	X	0.0833	0.4167
Total=				2.0247
20% Depletion Factor				0.4048
Total Amp/Hour Required				2.4296
Total Amp/Hour Batteries Provided			(1) Set	10.0000

VOLTAGE DROP CALCULATIONS - NAC #4

110cd	15cd	30cd	CIRCUIT DESCRIPTION	CURRENT	DIST (ft)	VOLTAGE DROP
2	2	1	N4-1) BULK MAIL - 1ST FLOOR	0.697	590	1.34
6	0	0	N4-2) BULK MAIL - 1ST FLOOR	1.146	610	2.28
8	0	0	N4-3) BULK MAIL - 1ST FLOOR	1.528	350	1.74
8	0	0	N4-4) BULK MAIL - 1ST FLOOR	1.528	325	1.62

NAC PANEL #5

BATTERY CALCULATIONS - NAC #5

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ■ NO?

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ■ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4009-8201	NEW NAC #5 PANEL	0.0670	0.0670	0.1030	0.1030
18	4904-6333	110cd QUICKALERT STROBE ONLY	0.0000	0.0000	0.1810	3.0860
1	4901-6304	10" RED BELL	0.0000	0.0000	0.0300	0.0300
1	WAST-24-FR	WEATHERPROOF STROBE	0.0000	0.0000	0.0880	0.0880
				Total Standby= 0.0670		Total Alarm= 3.2770

			Time (Hrs.)	
Total Standby Current Required=	0.0670	X	24.0000	1.6080
Total Alarm Current Required=	3.2770	X	0.0833	0.2730
Total=				1.8810
20% Depletion Factor				0.3762
Total Amp/Hour Required				2.2572
Total Amp/Hour Batteries Provided			(1) Set	10.0000

VOLTAGE DROP CALCULATIONS - NAC #5

110cd	WP	WP	CIRCUIT DESCRIPTION	CURRENT	DIST (ft)	VOLTAGE DROP
8	0	0	N5-1) BULK MAIL - 1ST FLOOR	1.528	465	2.32
8	0	0	N5-2) BULK MAIL - 1ST FLOOR	1.528	515	2.57
0	1	1	N5-3) BULK MAIL - OUTSIDE	0.118	570	0.22
.	.	.	N5-4) SPARE	.	.	.

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KIRKLAND, WA 98033

FIRE ALARM SYSTEM
COVER SHEET

USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE
34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
REVISION	9/28/00	SAL
AS BUILT	8-10-01	SAL

DRAWN BY: M.C.B.	REVISION INFORMATION
DATE: 10-22-97	9/1/00
APPROVED BY: N.Y.F.	APPROVED BY: K.C.
SIMPLEX PROJECT NUMBER 458-910019-11	
SHEET TITLE: FA-COV-03	
SHEET NUMBER: FA-COV-03	

FA-COVERS

NAC PANEL #6

BATTERY CALCULATIONS - NAC #6

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ☐ NOT

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ☐ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4009-9201	NEW NAC #6 PANEL	0.0670	0.0670	0.1030	0.1030
23	4804-9333	110cd QUICKALERT STROBE ONLY	0.0000	0.0000	0.1910	4.3930
3	4903-9328	15cd SPEAKER/STROBE	0.0000	0.0000	0.0860	0.2580
1	4903-9329	30cd SPEAKER/STROBE	0.0000	0.0000	0.1250	0.1250
			Total Standby=	0.0670	Total Alarm=	4.9080

			Time (Hrs.)	
Total Standby Current Required=	0.0670	X	24.0000	1.6080
Total Alarm Current Required=	4.9080	X	0.0833	0.4087
Total=				2.0167
20% Depletion Factor				0.4033
Total Amp/Hour Required				2.4200
Total Amp/Hour Batteries Provided			(1) Set	10.0000

VOLTAGE DROP CALCULATIONS - NAC #6

110cd	15cd	30cd	CIRCUIT DESCRIPTION	CURRENT	DIST (ft)	VOLTAGE DROP
7	0	0	N6-1) BULK MAIL - 1ST FLOOR	1.337	365	1.59
8	0	0	N6-2) BULK MAIL - 1ST FLOOR	1.528	420	2.09
4	0	1	N6-3) BULK MAIL - 1ST FLOOR	0.889	350	1.01
4	3	0	N6-4) BULK MAIL - 1ST FLOOR	1.049	475	1.62

NAC PANEL #8

BATTERY CALCULATIONS - NAC #8

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ☐ NOT

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ☐ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4009-9201	NEW NAC #8 PANEL	0.0670	0.0670	0.1030	0.1030
11	4804-9333	110cd QUICKALERT STROBE ONLY	0.0000	0.0000	0.1910	2.1010
4	4903-9328	15cd SPEAKER/STROBE	0.0000	0.0000	0.0860	0.3440
1	4901-9304	10" RED BELL	0.0000	0.0000	0.0300	0.0300
1	WA2T-24-FR	WEATHERPROOF STROBE	0.0000	0.0000	0.0880	0.0880
			Total Standby=	0.0670	Total Alarm=	2.7020

			Time (Hrs.)	
Total Standby Current Required=	0.0670	X	24.0000	1.6080
Total Alarm Current Required=	2.7020	X	0.0833	0.2251
Total=				1.8331
20% Depletion Factor				0.3666
Total Amp/Hour Required				2.1997
Total Amp/Hour Batteries Provided			(1) Set	10.0000

VOLTAGE DROP CALCULATIONS - NAC #8

110cd	15cd	WP	WP	CIRCUIT DESCRIPTION	CURRENT	DIST (ft)	VOLTAGE DROP
8	0	0	0	N8-1) BULK MAIL - 1ST FLOOR	1.528	620	3.09
3	2	0	0	N8-2) BULK MAIL - 1ST FLOOR	0.763	655	1.63
0	2	1	1	N8-3) BULK MAIL - OUTSIDE	0.308	595	0.60
.	.	.	.	N8-4) SPARE	.	.	.

NAC PANEL #7

BATTERY CALCULATIONS - NAC #7

DOES THE SYSTEM HAVE AN EMERGENCY GENERATOR THAT MEETS NEC 700,701 ☐ YES ☐ NO?

HOW MANY HOURS OF BATTERY STANDBY ARE REQUIRED?
☐ 4 ☐ 24 ☐ 48 ☐ 60 (4 HRS. MIN. W/EMER. GEN.)

QTY	PART #	DESCRIPTION	STANDBY CURRENT (A)	TOTAL STANDBY (A)	ALARM CURRENT (A)	TOTAL ALARM (A)
1	4009-9201	NEW NAC #7 PANEL	0.0670	0.0670	0.1030	0.1030
18	4804-9333	110cd QUICKALERT STROBE ONLY	0.0000	0.0000	0.1910	3.4380
2	4903-9328	15cd SPEAKER/STROBE	0.0000	0.0000	0.0860	0.1900
			Total Standby=	0.0670	Total Alarm=	3.9220

			Time (Hrs.)	
Total Standby Current Required=	0.0670	X	24.0000	1.6080
Total Alarm Current Required=	3.9220	X	0.0833	0.3267
Total=				1.9347
20% Depletion Factor				0.3869
Total Amp/Hour Required				2.3216
Total Amp/Hour Batteries Provided			(1) Set	10.0000

VOLTAGE DROP CALCULATIONS - NAC #7

110cd	15cd	CIRCUIT DESCRIPTION	CURRENT	DIST (ft)	VOLTAGE DROP
8	0	N7-1) BULK MAIL - 1ST FLOOR	1.528	385	1.92
8	0	N7-2) BULK MAIL - 1ST FLOOR	1.528	415	2.07
3	2	N7-3) BULK MAIL - 1ST FLOOR	0.763	765	1.90
.	.	N7-4) SPARE	.	.	.

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SimplexGrinnell
10640 NORTHEAST 38TH PLACE SUITE 75
KIRKLAND, WA 98033

FIRE ALARM SYSTEM
COVER SHEET

USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE

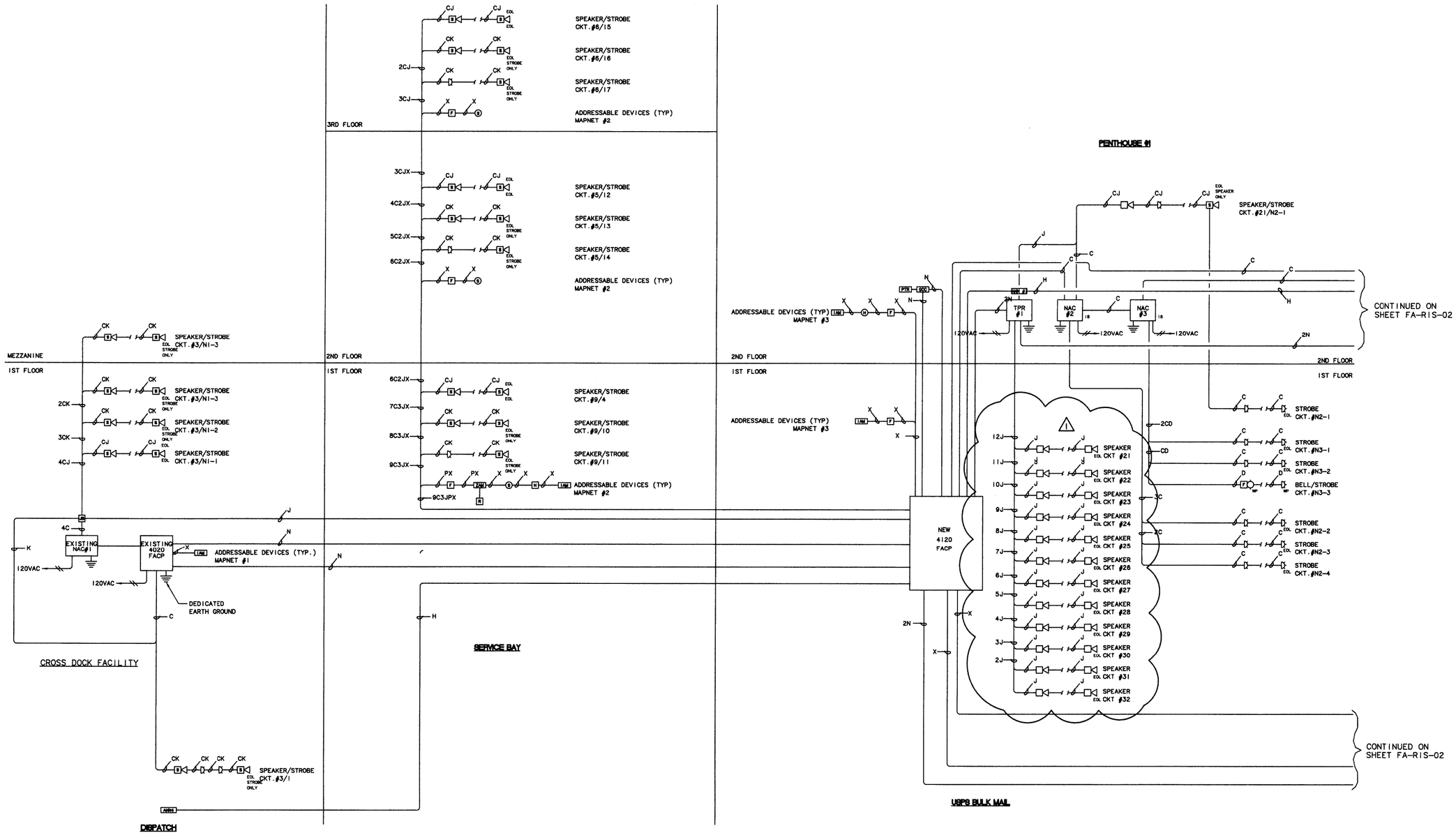
34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
⚠ REVISION	9/28/00	SAL
ASBUILT	8-10-01	SAL

DRAWN BY: M.C.B.
DATE: 10-22-97
REVISION INFORMATION: 9/1/00
APPROVED BY: N.Y.F.
APPROVED BY: K.C.
SIMPLEX PROJECT NUMBER: 458-910019-11
SHEET TITLE: FA-COV-04
SHEET NUMBER: FA-COV-04

FA-COVERS



FIRE ALARM RISER DIAGRAM

SCALE: NONE

NOTE: ALL DEVICES ARE TYPICAL

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KIRKLAND, WA 98033

FIRE ALARM SYSTEM
RISER DIAGRAM

USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE

34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
1 REVISION	9/28/00	SAL
AS-BUILT	8-10-01	SAL

DRAWN BY: M.C.B.

REVISION INFORMATION

DATE: 10-22-97

9/1/00

APPROVED BY: N.Y.F.

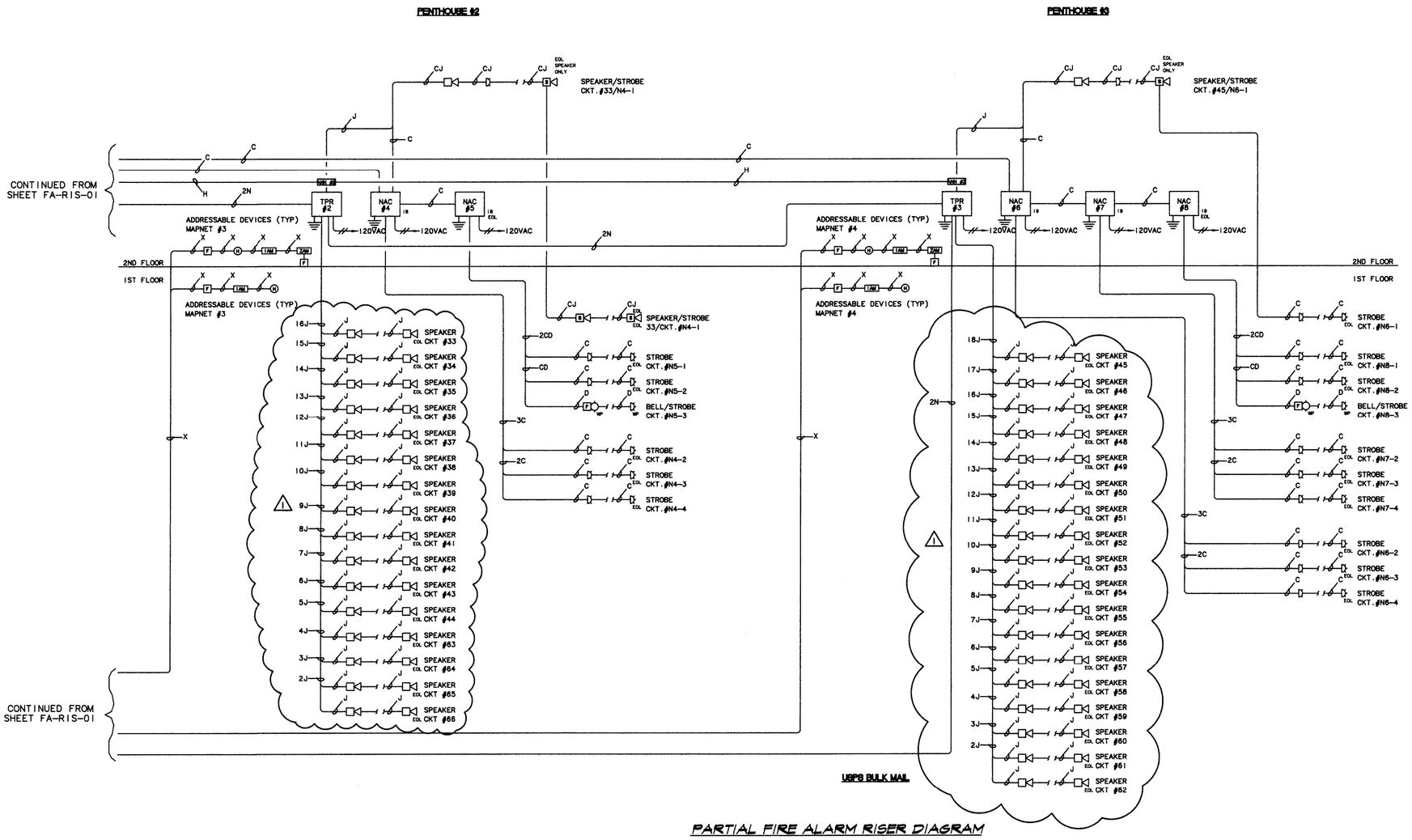
APPROVED BY: K.C.

SIMPLEX PROJECT NUMBER: 458-910019-11

SHEET TITLE: FA-RIS-01

SHEET NUMBER: FA-RIS-01

FA-COVERS



PARTIAL FIRE ALARM RISER DIAGRAM

SCALE: NONE

NOTE: ALL DEVICES ARE TYPICAL

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10630 NORTHEAST 38TH PLACE SUITE 75
KIRKLAND, WA. 98033

FIRE ALARM SYSTEM
RISER DIAGRAM CONTINUED

USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE

34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
REVISION	9/28/00	SAL
ASBUILT	8-10-01	SAL

DRAWN BY: M.C.B.

DATE: 10-22-97

REVISION INFORMATION: 9/1/00

APPROVED BY: N.Y.F.

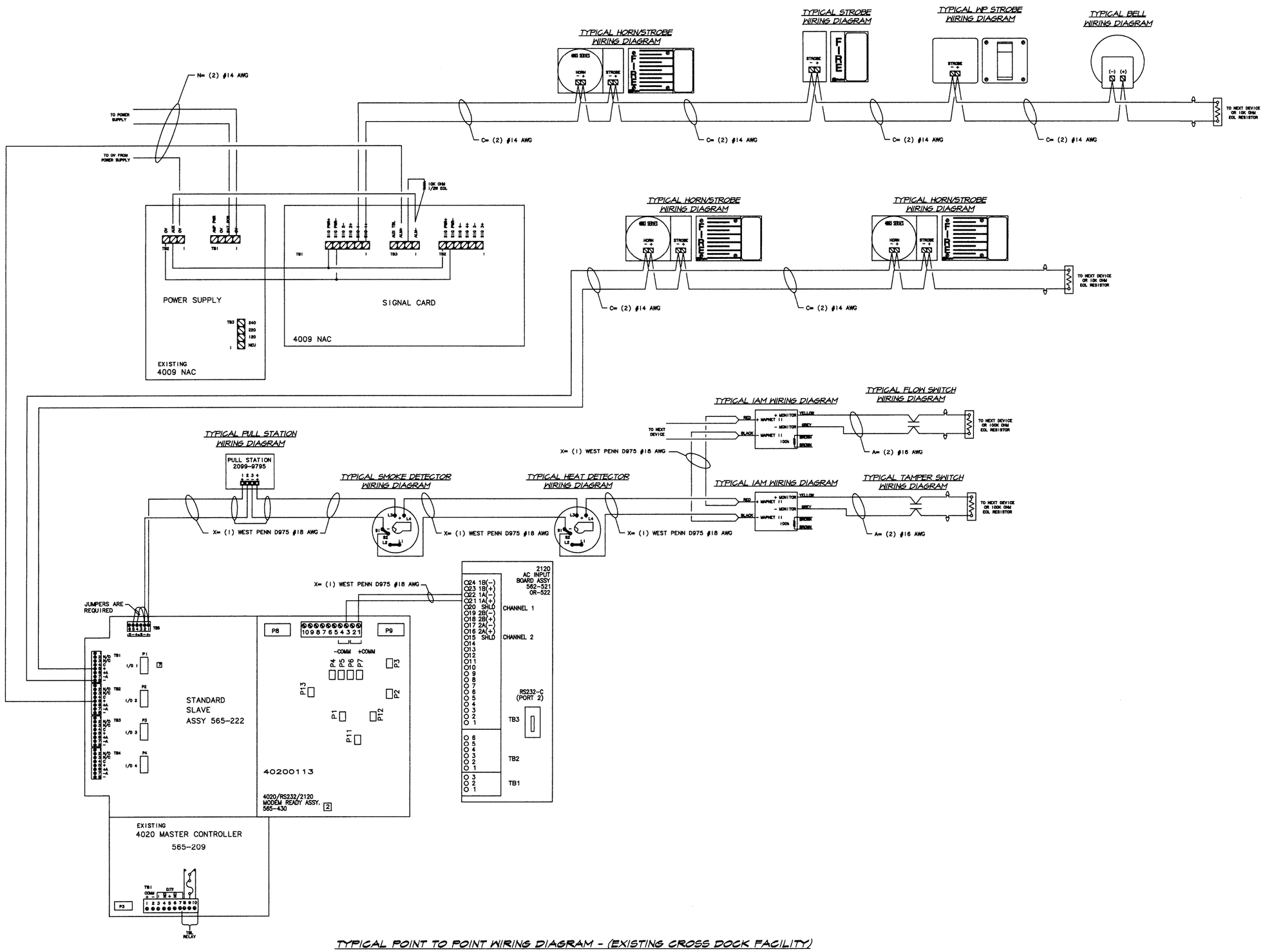
APPROVED BY: K.C.

SIMPLEX PROJECT NUMBER: 458-910019-11

SHEET TITLE: FA-RIS-02

SHEET NUMBER: FA-RIS-02

FA-COVERS



TYPICAL POINT TO POINT WIRING DIAGRAM - (EXISTING CROSS DOCK FACILITY)

SCALE: NONE

tyco / Fire & Security / SimplexGrinnell

SimplexGrinnell
10830 NORTHEAST 38TH PLACE SUITE 75
KIRKLAND, WA 98033

FIRE ALARM SYSTEM
DETAIL WIRING DIAGRAM FOR 4020 FACP

USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE

34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
REVISION	9/28/00	SAL
ASBUILT	8-10-01	SAL

DRAWN BY: M.C.B.

REVISION INFORMATION

DATE: 10-22-97

9/1/00

APPROVED BY: N.Y.F.

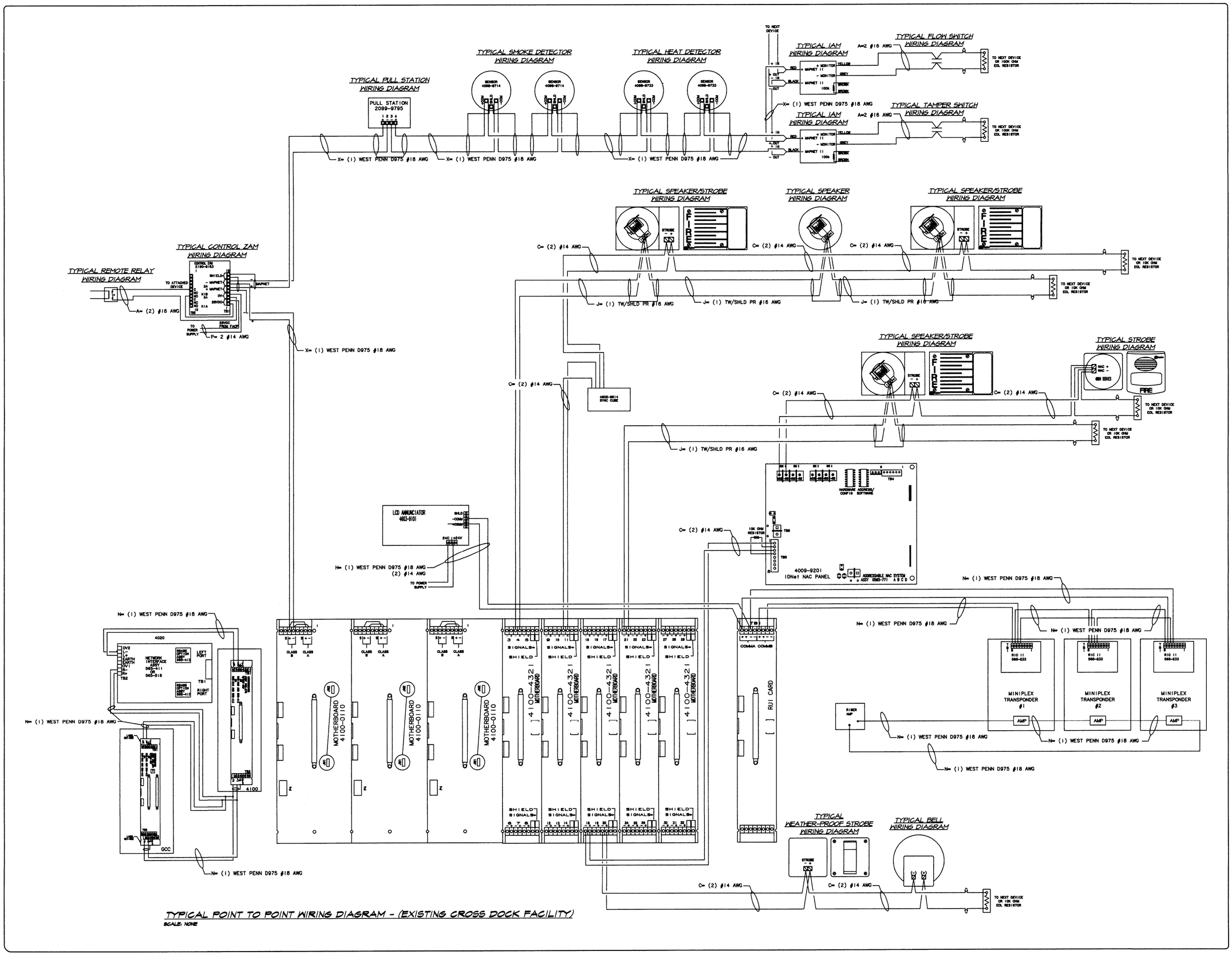
APPROVED BY: K.C.

SIMPLEX PROJECT NUMBER 458-910019-11

SHEET TITLE: FA-DET-01

SHEET NUMBER: FA-DET-01

FA-COVERS



TYPICAL POINT TO POINT WIRING DIAGRAM - (EXISTING CROSS DOCK FACILITY)

SCALE: NONE

tyco / Fire & Security / SimplexGrinnell

SimplexGrinnell
10830 NORTHEAST 38TH PLACE SUITE 75
KIRKLAND, WA 98033

FIRE ALARM SYSTEM
DETAIL WIRING DIAGRAM FOR 4020 FACP

USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE

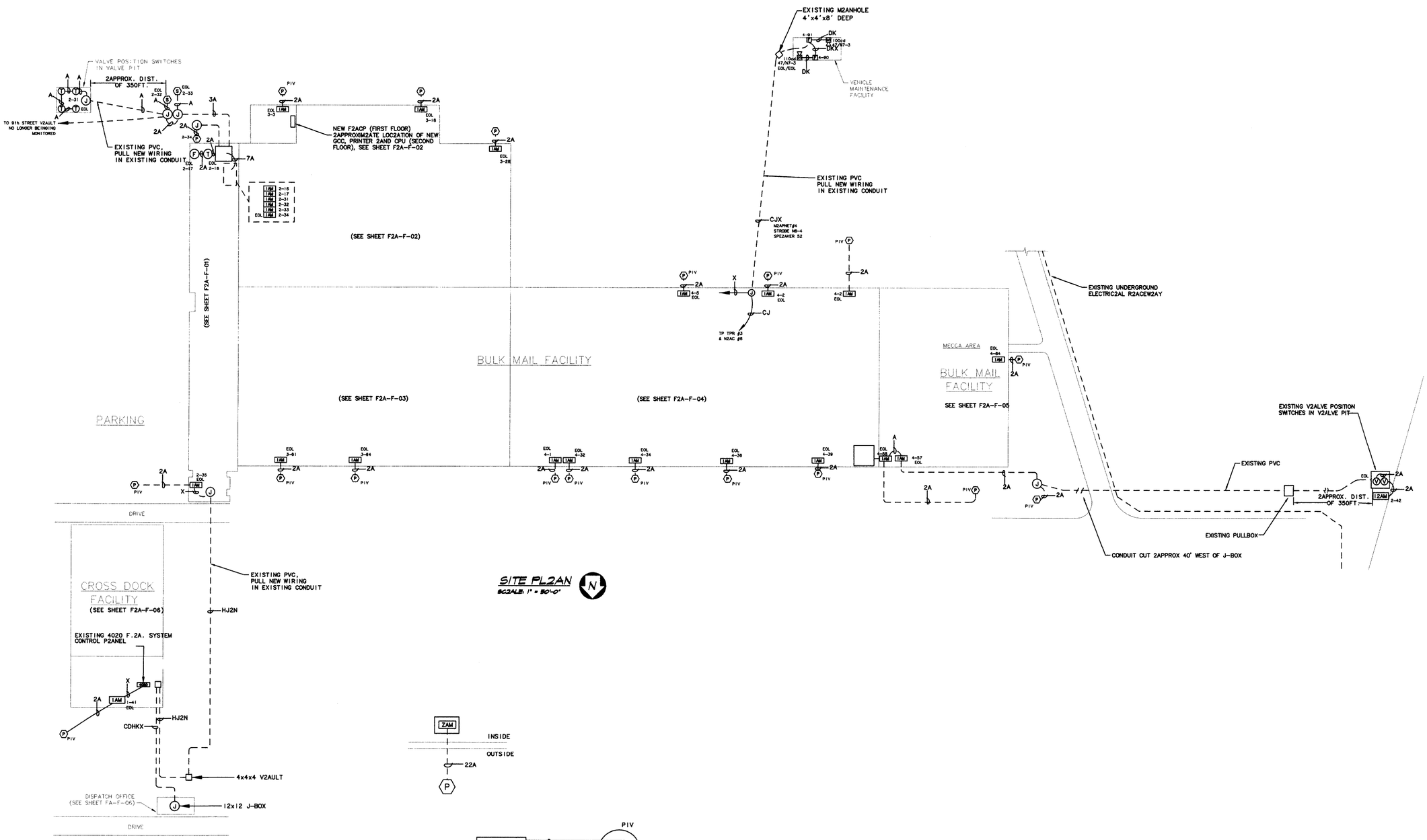
34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
REVISION	9/28/00	SAL
ASBUILT	9-10-01	SAL

DRAWN BY: M.C.B.	REVISION INFORMATION
DATE: 10-22-97	9/1/00
APPROVED BY: N.Y.F.	APPROVED BY: K.C.
SIMPLEX PROJECT NUMBER 458-910019-11	
SHEET TITLE: FA-DET-02	
SHEET NUMBER: FA-DET-02	

FA-COVERS



TYPIC2AL POST-INDIC2ATOR V2ALVE (PIV) WRIING
SC2ALE: 1" = NONE

tyco / Fire & Security / SimplexGrinnell

SimplexGrinnell
10830 NORTHEAST 38TH PLACE SUITE 76
KIRKLAND, WA 98033

FIRE ALARM SYSTEM
SITE PLAN

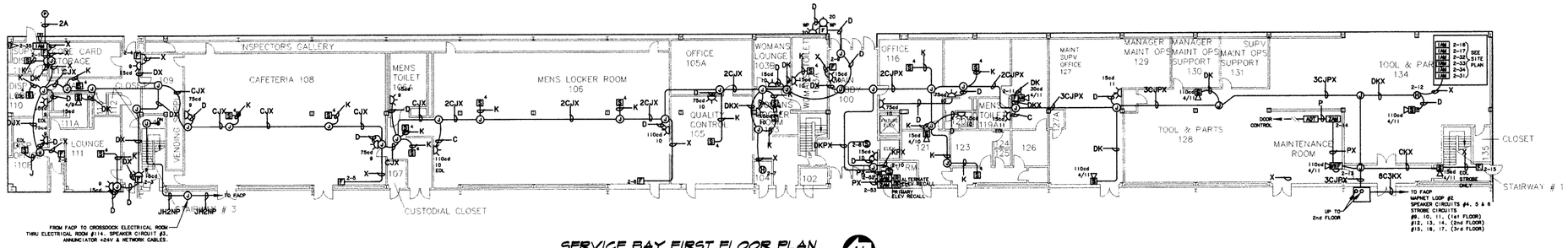
USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE
34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

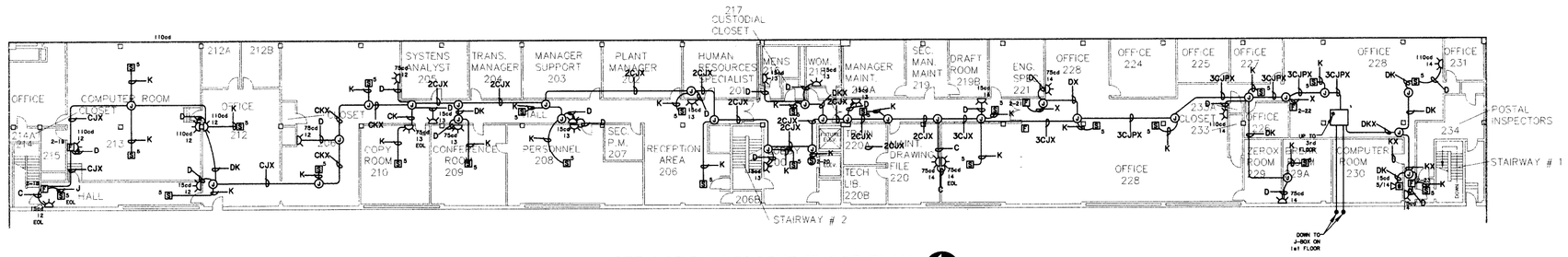
PURPOSE	DATE	DRAFTER
REVISION	9/28/00	SAL
ASBUILT	8-10-01	SAL

DRAWN BY: M.C.B.
DATE: 10-22-97
REVISION INFORMATION: 9/1/00
APPROVED BY: N.Y.F.
APPROVED BY: K.C.
SIMPLEX PROJECT NUMBER: 458-910019-11
SHEET TITLE: FA-SITE-01
SHEET NUMBER: FA-SITE-01

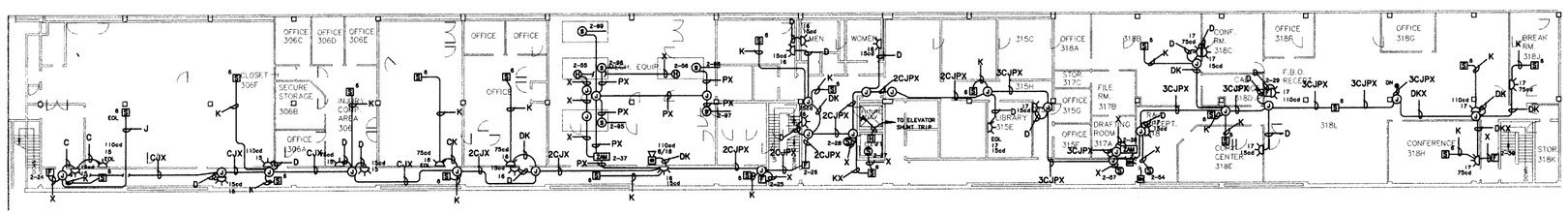
FA-SITE-01



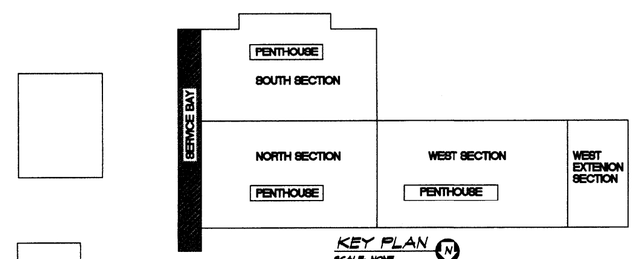
SERVICE BAY FIRST FLOOR PLAN
SCALE: 1/16" = 1'-0"



SERVICE BAY SECOND FLOOR PLAN
SCALE: 1/16" = 1'-0"



SERVICE BAY THIRD FLOOR PLAN
SCALE: 1/16" = 1'-0"



KEY PLAN
SCALE: NONE

tyco / Fire & Security / SimplexGrinnell

SimplexGrinnell
10830 NORTHEAST 38TH PLACE SUITE 75
KIRKLAND, WA. 98033

FIRE ALARM SYSTEM
SERVICE BAY (1ST, 2ND & 3RD FLOORS)

USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE

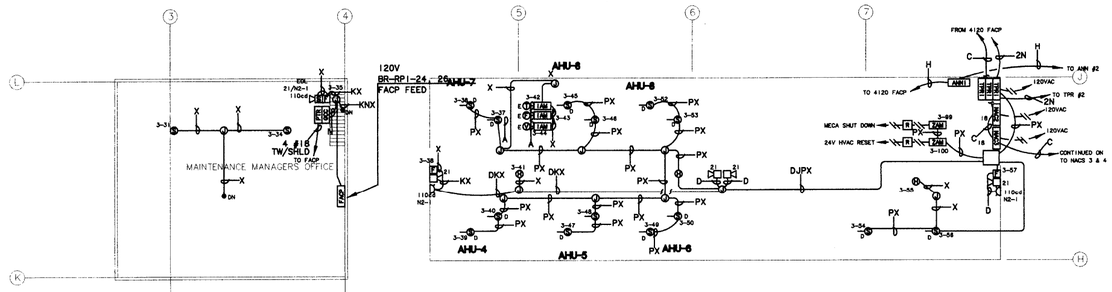
34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
1 REVISION	9/28/00	SAL
AS-BUILT	8-10-01	SAL

DRAWN BY: M.C.B.
DATE: 10-22-97
REVISION INFORMATION: 9/1/00
APPROVED BY: N.Y.F.
APPROVED BY: K.C.
SIMPLEX PROJECT NUMBER: 458-910019-11
SHEET TITLE: FA-F-01
SHEET NUMBER: FA-F-01

FA-1ST FLOOR

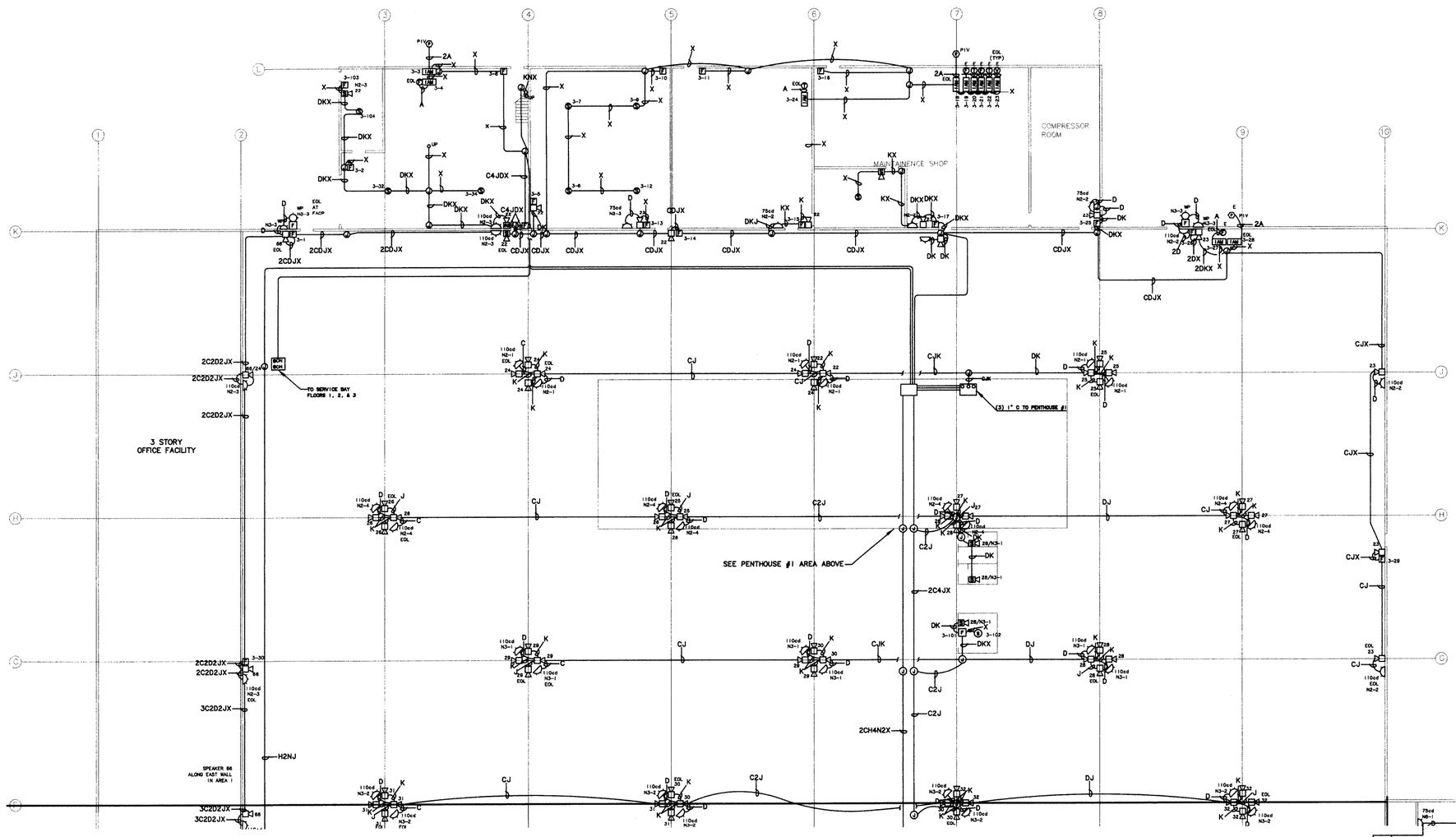


SECOND FLOOR PLAN

SCALE: 1/16" = 1'-0"

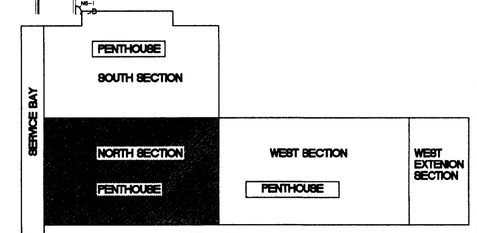
PENTHOUSE #1

SCALE: 1/16" = 1'-0"



1ST FLOOR SOUTH

SCALE: 1/16" = 1'-0"



KEY PLAN

SCALE: NONE

tyco / Fire & Security / SimplexGrinnell

SimplexGrinnell
10630 NORTHEAST 38TH PLACE SUITE 75
KIRKLAND, WA 98033

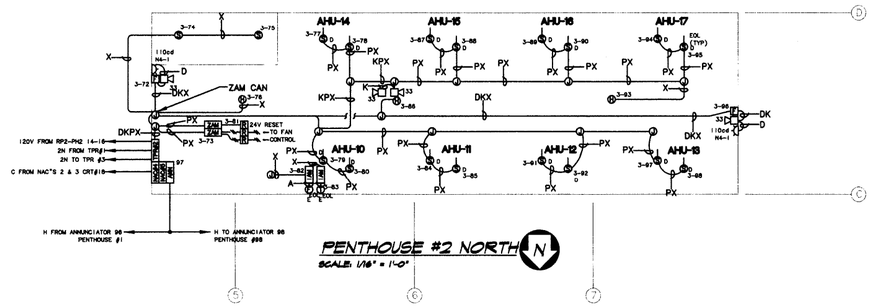
FIRE ALARM SYSTEM
1ST FLOOR , 2ND FLOOR & PENTHOUSE FLOORS #1
USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE
34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
1 REVISION	9/28/00	SAL
ASBUILT	8-10-01	SAL

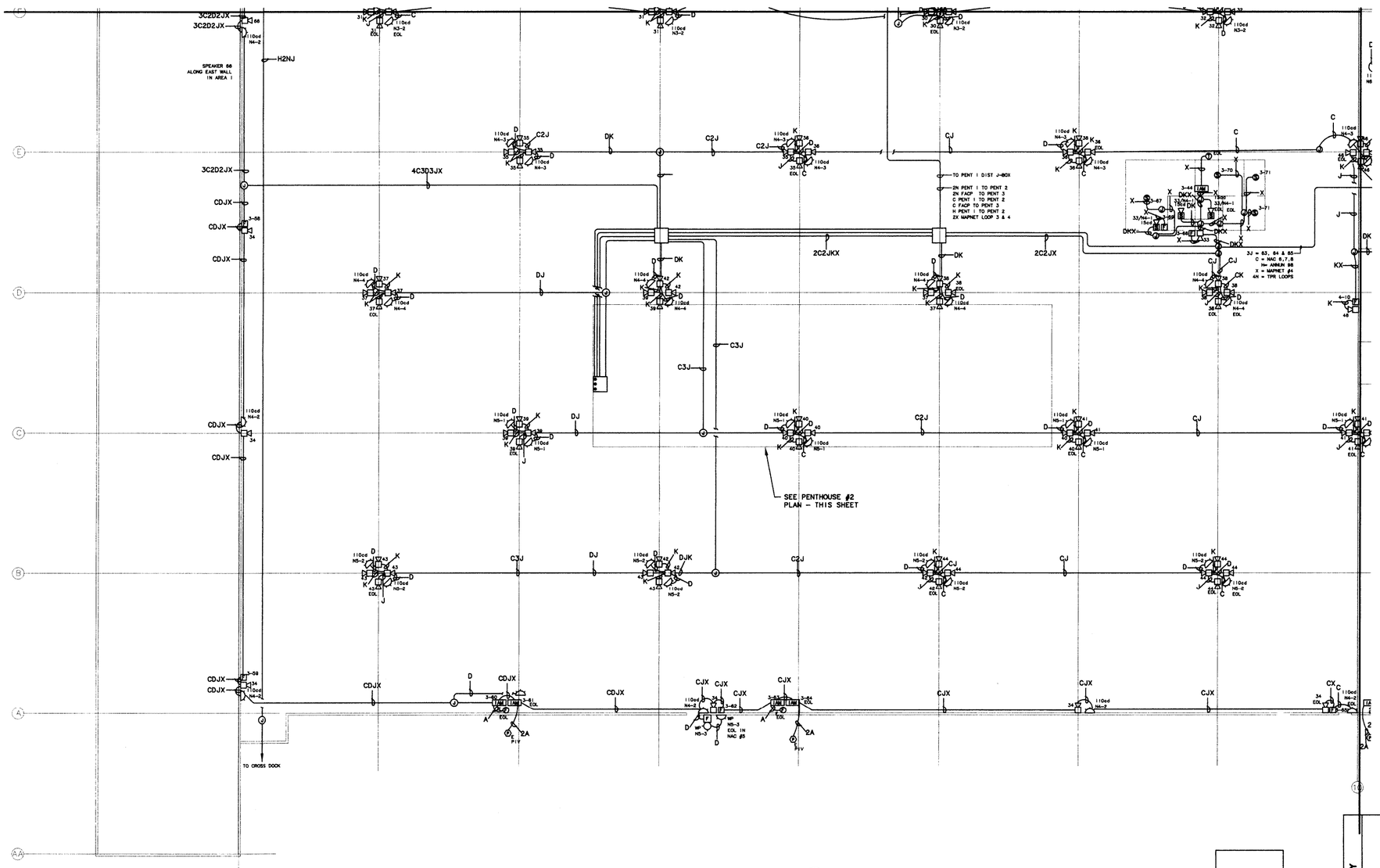
DRAWN BY: M.C.B.	REVISION INFORMATION
DATE: 10-22-97	9/1/00
APPROVED BY: N.Y.F.	APPROVED BY: K.C.
SIMPLEX PROJECT NUMBER 458-910019-11	
SHEET TITLE: FA-F-02	
SHEET NUMBER: FA-F-02	

FA-1ST-FLOOR



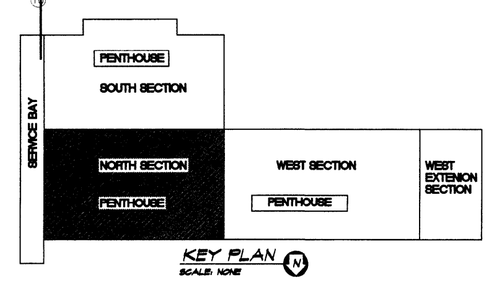
PENTHOUSE #2 NORTH

SCALE: 1/16" = 1'-0"



1ST FLOOR NORTH

SCALE: 1/16" = 1'-0"



KEY PLAN

SCALE: NONE

tyco / Fire & Security / SimplexGrinnell

SimplexGrinnell
10830 NORTHEAST 38TH PLACE SUITE 75
KIRKLAND, WA 98033

FIRE ALARM SYSTEM
1ST FLOOR NORTH & PENTHOUSE #2 NORTH FLOOR PLANS
USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE

34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
REVISION	9/28/00	SAL
ASBUILT	8-10-01	SAL

DRAWN BY: M.C.B.

DATE: 10-22-97

REVISION INFORMATION: 9/1/00

APPROVED BY: N.Y.F.

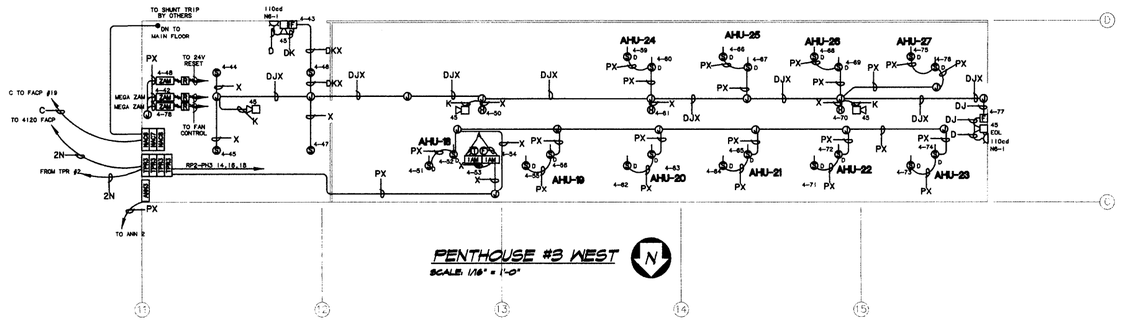
APPROVED BY: K.C.

SIMPLEX PROJECT NUMBER: 458-910019-11

SHEET TITLE: FA-F-03

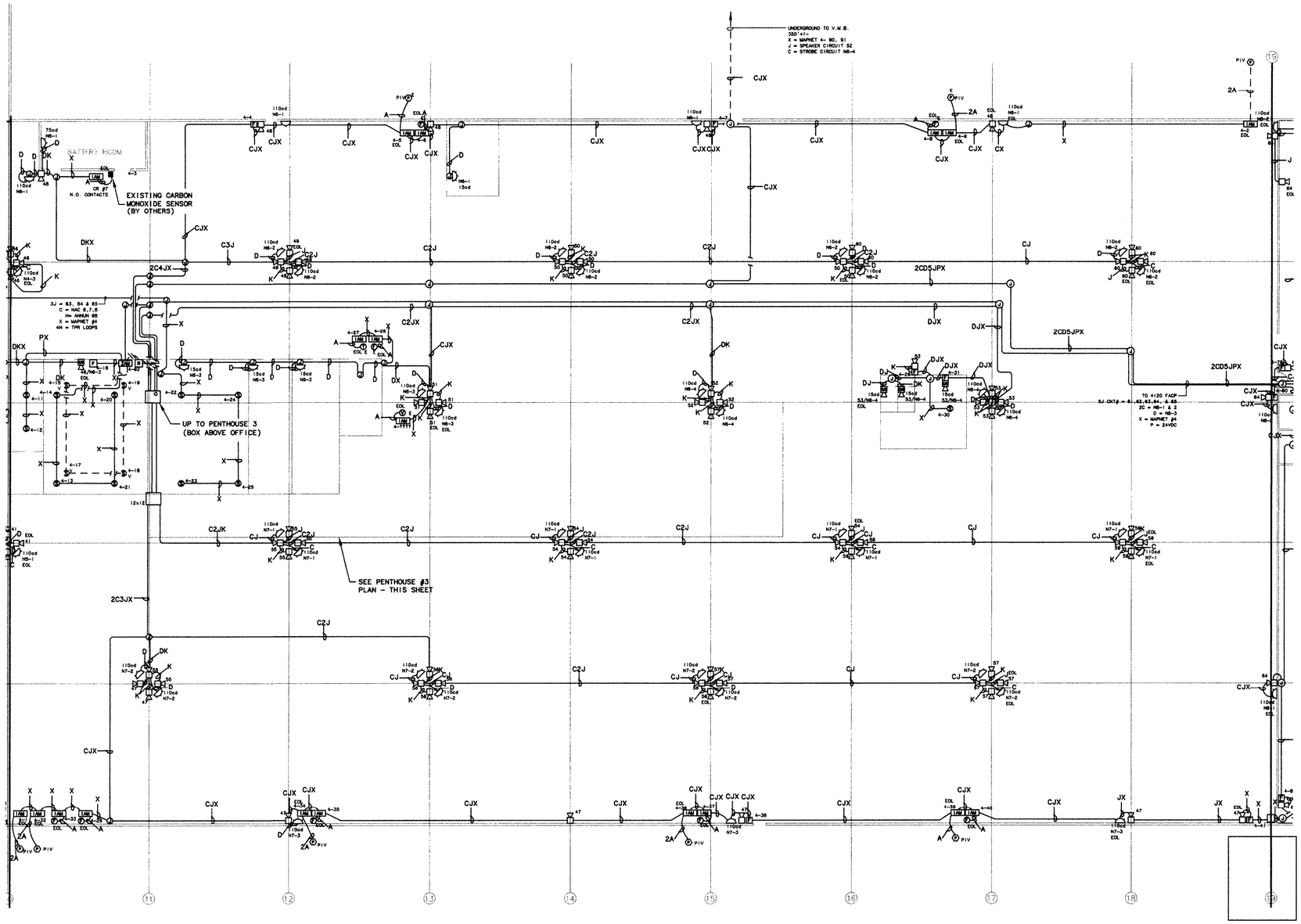
SHEET NUMBER: FA-F-03

FA-AST FLOOR



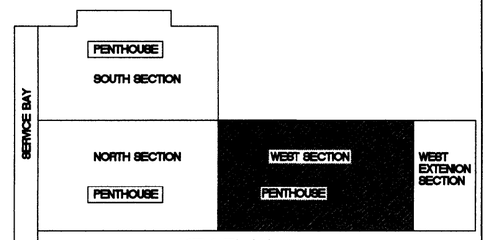
PENTHOUSE #3 WEST

SCALE: 1/16" = 1'-0"



1ST FLOOR WEST CENTRAL

SCALE: 1/16" = 1'-0"



KEY PLAN

SCALE: NONE

tyco / Fire & Security / SimplexGrinnell

SimplexGrinnell
10630 NORTHEAST 38TH PLACE SUITE 76
KIRKLAND, WA 98033

FIRE ALARM SYSTEM
1ST FLOOR WESTCENTRAL – PENTHOUSE #3 WEST FLOOR PLANS
USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE

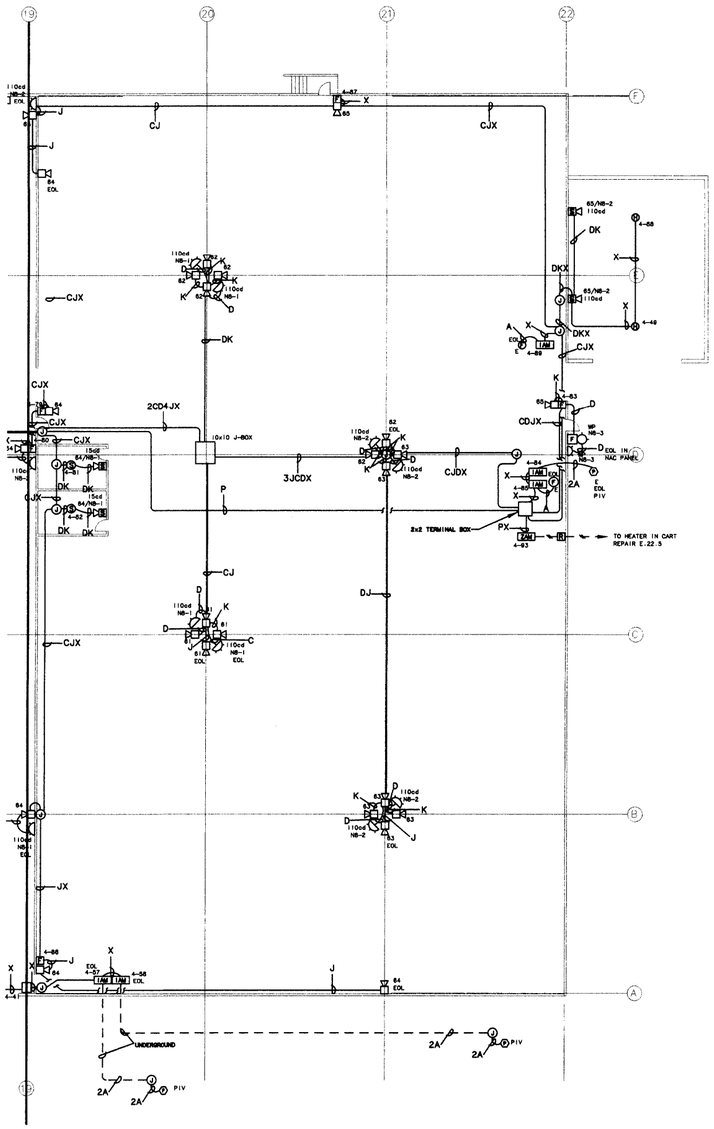
343301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
1 REVISION	9/28/00	SAL
AS-BUILT	8-10-01	SAL

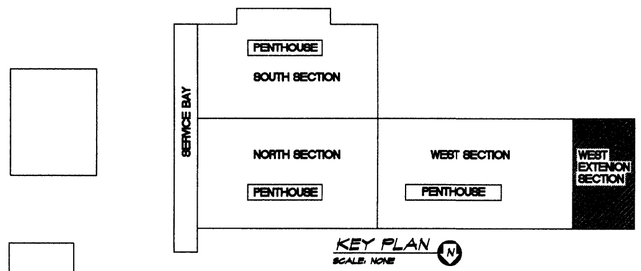
DRAWN BY: M.C.B.	REVISION INFORMATION
DATE: 10-22-97	9/1/00
APPROVED BY: N.Y.F.	APPROVED BY: K.C.
SIMPLEX PROJECT NUMBER 458-910019-11	
SHEET TITLE: FA-F-04	
SHEET NUMBER: FA-F-04	

FA-1ST FLOOR



1ST FLOOR WEST EXTENSION

SCALE: 1/16" = 1'-0"



KEY PLAN

SCALE: NONE

tyco / Fire & Security / SimplexGrinnell

SimplexGrinnell
10900 NORTHEAST 8TH PLACE SUITE 75
BELLEVUE, WA 98033

FIRE ALARM SYSTEM
1ST FLOOR WEST EXTENSION
USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE

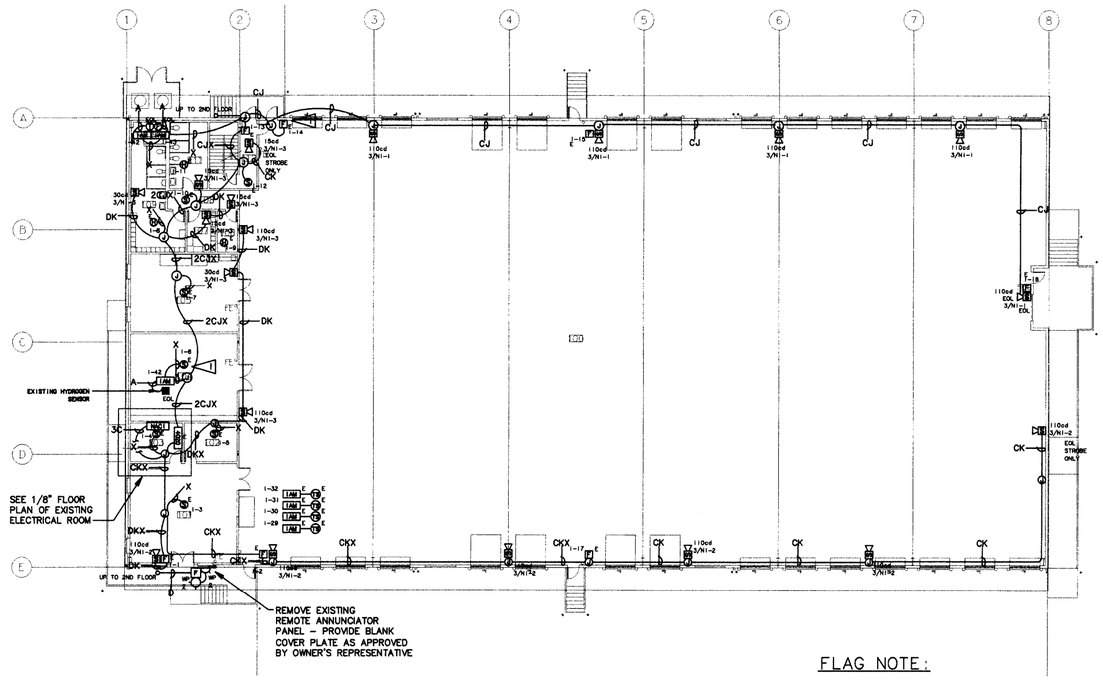
34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
1 REVISION	9/29/00	SAL
AS-BUILT	8-10-01	SAL

DRAWN BY: M.C.B.	REVISION INFORMATION
DATE: 10-22-97	9/1/00
APPROVED BY: N.Y.F.	APPROVED BY: K.C.
SIMPLEX PROJECT NUMBER 458-910019-11	
SHEET TITLE: FA-F-05	
SHEET NUMBER: FA-F-05	

FA-1ST FLOOR

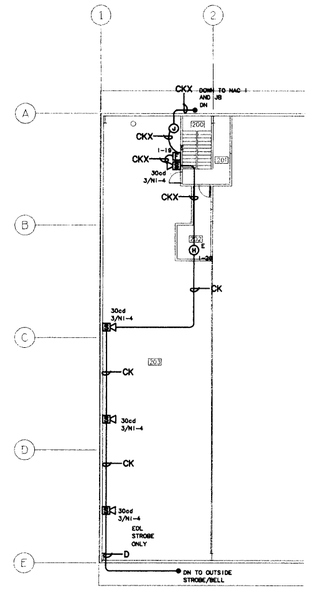


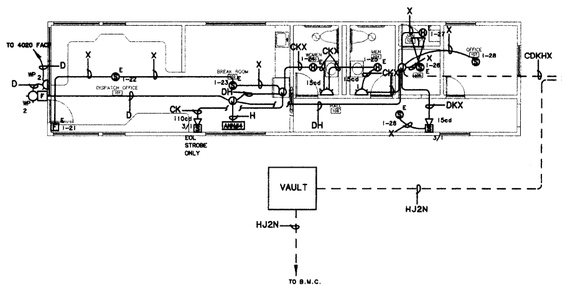
FLAG NOTE:

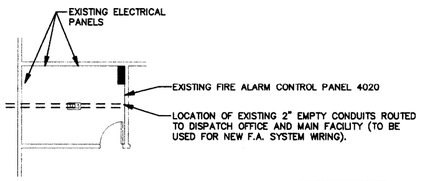
INTERCEPT EXISTING MAPNET CIRCUIT.

1ST FLOOR WEST EXTENSION

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







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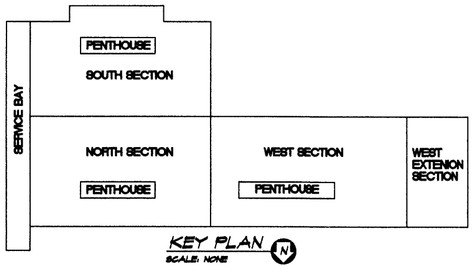

KEY PLAN

SCALE: NONE

tyco / Fire & Security / SimplexGrinnell

SimplexGrinnell
10630 NORTHEAST 38TH PLACE SUITE 75
KIRKLAND, WA 98033
[redacted]

FIRE ALARM SYSTEM
CROSS DOCK & DISPATCH OFFICE FLOOR PLANS
USPS BULK MAIL/CROSS DOCK/DISPATCH OFFICE

34301 NINTH AVE. SOUTH
FEDERAL WAY, WA.

ISSUE RECORD

PURPOSE	DATE	DRAFTER
1 REVISION	8/28/00	SAL
ASBUILT	8-10-01	SAL

DRAWN BY: M.C.B.	REVISION INFORMATION
DATE: 10-22-97	9/1/00
APPROVED BY: N.Y.F.	APPROVED BY: K.C.

SIMPLEX PROJECT NUMBER
458-910019-11

SHEET TITLE:
FA-F-06

SHEET NUMBER:
FA-F-06

FA-1ST FLOOR