Honeywell SILENT		I	ntelliKniç				_			ion
& KNIGHT		S	Second Standby Current		Power So			quiremen dary Alarm C		ent (amps)
Device Type	Qty		Current Draw	. (3.	Total	Qty		Current Drav		Total
1. Control Panel 6808 Control Panel	1	x	0.190000	T=T	0.170000	1	x	0.250000	T=T	0.250000
2. Addressable SLC Devices	•	1~1	0.10000		0.170000	'		0.20000		0.20000
SK-PHOTO		x	0.000300	=			X	0.000300	=	
SK-PHOTO-T SK-HEAT		X	0.000300	=			X	0.000300	=   =	
SK-HEAT-HT		X	0.000300	╁═╁			X	0.000300	╁═┼	
SK-HEAT-ROR		x	0.000300	=			X	0.000300	<del>  =  </del>	
SK-BEAM		x	0.002000	Ξ			х	0.002000		
SK-BEAM-T		x	0.002000	=			X	0.002000	=	
SK-DUCT SK-ACCLIMATE		X	0.000300	= 			X	0.000300	=    <u>=</u>	
SK-CONTROL		<del> </del>	0.000375	╁═╁			$\frac{1}{x}$	0.000375	╁═┼	
SK-MONITOR	3	x	0.000375	=	0.001125	3	x	0.000375	=	0.001125
SK-MINIMON	1	x	0.000375	=	0.000375	1	х	0.000375	=	0.000375
SK-PULL-SA		X	0.000375	=	0.000750		X	0.000375	=	0.000750
SK-PULL-DA SK-MONITOR-2	2	X	0.000375 0.000750	=    <u>=</u>	0.000750	2	X	0.000375 0.000750	=    <u>=</u>	0.000750
SK-MON-10		$\frac{1}{x}$	0.003500	<del>                                     </del>			$\frac{1}{x}$	0.000730	╂═┼	
SK-RELAY-6		x	0.001450	=			x	0.001450	1=1	
SK-CONTROL-6		x	0.002250	=			х	0.002250	=	
SK-RELAY		X	0.000255	=			X	0.000255	=	
SK-RELAYMON-2 SK-ZONE		X	0.001300 0.000270	=			X	0.024000	=   =	
SK-ZONE-6		^  x	0.002000	=			x	0.002000	╁═╁	
SK-FIRE-CO		X	0.000300	=			x	0.007200	=	
3. SLC Accessory Bases								0.000		-
B200S B200S-LF		X	0.000300 0.000300	=			X	0.000300	=   =	
B200SR		X	0.000300	<del>-</del>			X	0.000300	╁═┼	
B200SR-LF		$\frac{1}{x}$	0.000300	=			x	0.000300	1=1	
B224RB		x	0.000500	=			х	0.000500	=	
RTS151		x	0.000000	=			X	0.007500	=	
RTS151KEY RA100Z		X	0.000000	<del>-</del>			X	0.007500 0.010000	=    <sub>=</sub>	
4. SLC Isolator Devices		1^1	0.000000	1-1			x	0.010000	1-1	
SK-ISO		x	0.000450	=			x	0.000450	T=T	
ISO-6		x	0.002700	=			х	0.102000	=	
B224BI	C Davila	x	0.000500	=			X	0.000500	=	
<b>5. Auxiliary Power Draw - SL</b> SK-CONTROL (Aux. Power)	C Devic	es	0.001700	T = T		l	x	0.007000	T=T	
SK-CONTROL-6 (Aux. Power)		$\frac{1}{x}$	0.008000	=			x	0.020000	1=1	
SK-ZONE (Aux. Power)		x	0.012000	=			x	0.090000	1=1	
SK-ZONE-6 (Aux. Power)		X	0.050000	=			х	0.270000	三	
B200S (Aux. Power)		X	0.000500 0.000550	=   -			X	0.035000 0.140000	=   =	
B200S-LF (Aux. Power) B200SR (Aux. Power)		X	0.000550	<del>  -  </del>			X	0.035000	╁═┼	
B200SR-LF (Aux. Power)		$\frac{1}{x}$	0.001000	=			X	0.125000	1=1	
6. Accessory Modules										
5860		x	0.020000	=			X	0.025000	=	
5860R 5824		X	0.020000 0.045000	=   =			X	0.025000 0.045000	=   =	
5496		$\frac{ \hat{x} }{ x }$	0.043000	╁═╁			<u>^</u>	0.043000	╁═┼	
5865-4		X	0.035000	=			X	0.145000	=	
5865-3		х	0.035000	目			х	0.145000		
5880		X	0.035000	=			X	0.200000	=	
5883 SK-IP-2		X	0.000000	=     =			X	0.220000 0.136000	=   =	
SK-IP-2UD		<u> </u>	0.093000	=			X	0.155000	╒	
CELL-MOD		X	0.055000	=			X	0.100000	=	
CELL-CAB-SK		х	0.055000	Ξ			х	0.100000	▤	
SK-NIC		X	0.021000	<u> = </u>			X	0.021000	=	
SK-NIC-KIT SK-FSL		X	0.021000 0.079000	<del>-</del>     <u>-</u>			X	0.021000 0.079000	=   =	
SK-FML		<u> </u>	0.079000	=			X	0.079000	╁	
SK-FFT		х	0.120000	=			х	0.230000	=	
7. Miscellaneous Devices		<del></del>	0.000000					0.00000	<del>-</del>	
Conventional Detectors SK-PHOTO-W	12	X	0.000000	<del>-</del>	0.003600	12	X	0.000000	=   =	0.000000
SK-PHOTO-W SK-HEAT-W	12	X	0.000300	=	0.003600	12	X	0.000000	=  =	0.000000
Miscellaneous Device 3	•	x	0.000000	=			x	0.000000	=	
Miscellaneous Device 4		х	0.000000	Ξ	_		х	0.000000	目	
Miscellaneous Device 5  8. Notification Appliance Circ	,,:4~	Х	0.000000	=			x	0.000000	=	
x NOTITICATION Appliance Circ	uits		0.000000	T=T				0.675000	T=T	0.675000
		1 L	5.555500	لتـــــــــــــــــــــــــــــــــــــ			$\dashv$		1-1	
NAC 1 NAC 2		$\dagger \dagger$	0.000000	=				1.071000	=	1.071000
NAC 1 NAC 2			0.000000 0.000000	=				1.071000 0.765000	= = = = = = = = = = = = = = = = = = = =	1.071000 0.765000
NAC 1				-					+	

Honeywell SILENT KNIGHT	IntelliKnight 6808 E	Batter	y Calcu	latio	on
	Calculation in Total Shee	et			
		Requi	i <b>red Standby</b> 24 Ho		e in Hours
Standby Load Current	0.17615 Amps	х	24	=	4.228 AH
		Requ	i <mark>red Alarm T</mark> 5 Minu		n Minutes
Alarm Load Current (Amps)	2.76325 Amps	Х	0.084	=	0.232 AH
		Tota	I Current Lo	ad	4.460 AH
	Multiply by the Derating Factor		1.2	<b>\</b> =	x 1.20
	Total A	mpere H	lours Requir	ed	5.35 AH
	Batteries:		18 <b>A</b> l	H	

Honeywell SILENT KNIGHT			Intelli	Kn	ight 680	)8 Ci	rc	uit Deta	ail	
			N	NAC	: 1					
Device	Qty	1	Non-Alarm Drav	N	Total	Qty		Alarm Draw		Total
P2RL @ 15 Candela	8	х	0.000000	T=[	0.000000	8	х	0.073000	=	0.584000
P2RK @ 15 Candela	1	x	0.000000	=	0.000000	1	х	0.091000	=	0.091000
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		x	0.000000	=			х	0.000000	=	
		x	0.000000	=			х	0.000000	=	
		x	0.000000	=			х	0.000000	=	
		x	0.000000	=			х	0.000000	Ξ	
		х	0.000000	=			х	0.000000	=	
		x	0.000000	=			х	0.000000	=	
	T	ota	Standby Loa	ad	0.000000	То	tal	Alarm Load	d	0.675000

			N	AC	2					
Device	Qty		Non-Alarm Draw	<b>V</b>	Total	Qty		Alarm Draw		Total
HR-LF	7	х	0.000000	=	0.000000	7	х	0.153000	=	1.071000
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	_
		х	0.000000	=			х	0.000000	=	
	То	ta	l Standby Loa	d	0.000000	Tot	al	Alarm Load	k	1.071000

			N	AC	3					
Device	Qty		Non-Alarm Drav	V	Total	Qty		Alarm Draw		Total
HR-LF	5	х	0.000000	=	0.000000	5	х	0.153000	=	0.765000
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		Х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
		х	0.000000	=			х	0.000000	=	
	To	ota	I Standby Loa	ıd	0.000000	To	tal	Alarm Load	ı	0.765000

Honeywell SILENT KNIGHT		Inte	elliKnight 680	8 EOL Volt	age Drop		
Starting Voltage	24 Volts						
Minimum Voltage @ EOL	16 Volts						
Voltage Drop Warning %	10.00%						
	Current Draw	Wire Type	Resistance	Length	Actual Resistance	Voltage @ EOL	Percent Dro
Circuit Name	Amps	AWG	Ohms/1000 ft.	Feet (One Way)	Ohms	Volts	Percent
NAC 1	0.675	#12 Solid	1.93	400	1.54	22.96	4.34%
AC 2	1.071	#12 Solid	1.93	300	1.16	22.76	5.17%
VAC 3	0.765	#12 Solid	1.93	300	1.16	23.11	3.69%



	ACTUATE COMMON ALARM INDICATOR	ACTUATE AUDIBLE ALARM SIGNAL	ACTUATE COMMON SUPERVISORY INDICATOR	ACTUATE AUDIBLE SUPERVISORY SIGNAL	ACTUATE COMMON TROUBLE INDICATOR	ACTUATE AUDIBLE TROUBLE SIGNAL	ACTUATE APARTMENT L.F. SOUNDER BASES	ACTUATE COMMON AREA NOTIFICATION APPLIANCES	TRANSMIT ALARM SIGNAL TO CENTRAL STATION	TRANSMIT SUPERVISORY SIGNAL TO CENTRAL STATION	TRANSMIT TROUBLE SIGNAL TO CENTRAL STATION
PULL STATION ACTIVATION	•	•					•	•	•		
SMOKE DETECTOR ACTIVATION	•	•					•	•	•		
WATERFLOW ACTIVATION	•	•					•	•	•		
CO DETECTOR ACTIVATION			•	•						•	
VALVE SWITCH ACTIVATION			•	•						•	
FACU AC POWER FAILURE					•	•					
FACU LOW BATTERY					•	•					
OPEN CIRCUIT					•	•					•
SHORT CIRCUIT					•	•					•

John Mocker, SET

Tohn Mocker

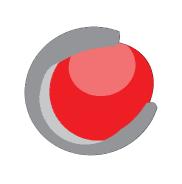
NICET Level IV - Fire Alarm
Technician ID: 137219
Expires: 11/1/2022

NICET APPROVAL

	0	Issued for Review
	1	
	2	
	3	

Revisions

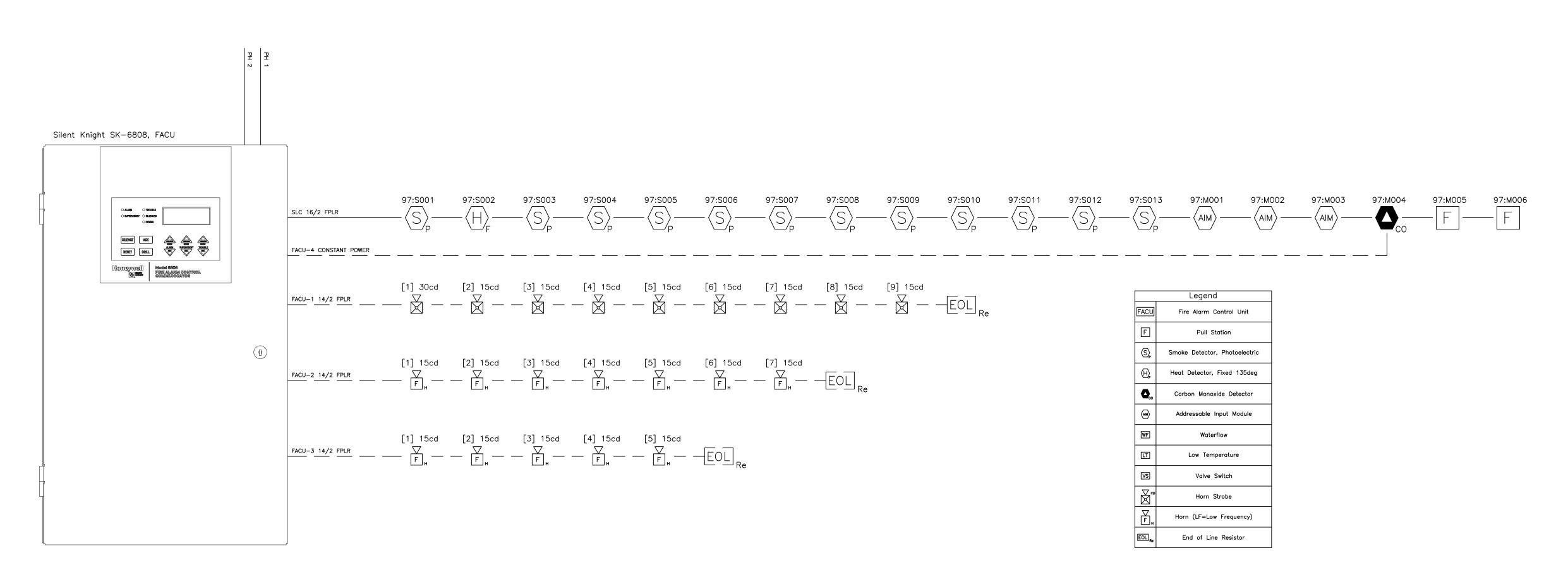
PORT	PORT PROPERTY MANAGEMENT
DATE	09-3-2019
AUTHOR ZS	SZ
SCALE	None
	55 WILLIAM STREET
	DOBT! AND ME



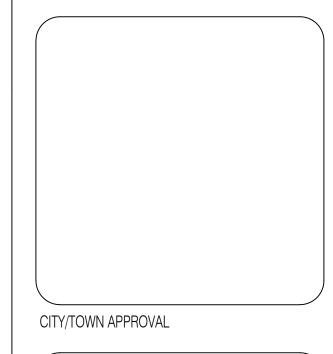
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CALCULATIONS





SLC WIREFLOW SHOWN AS SOLID LINE, NAC OR PWR SHOWN AS DASHED



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NICET Level IV - Fire Alarm Technician ID: 137219 Expires: 11/1/2022

NICET APPROVAL

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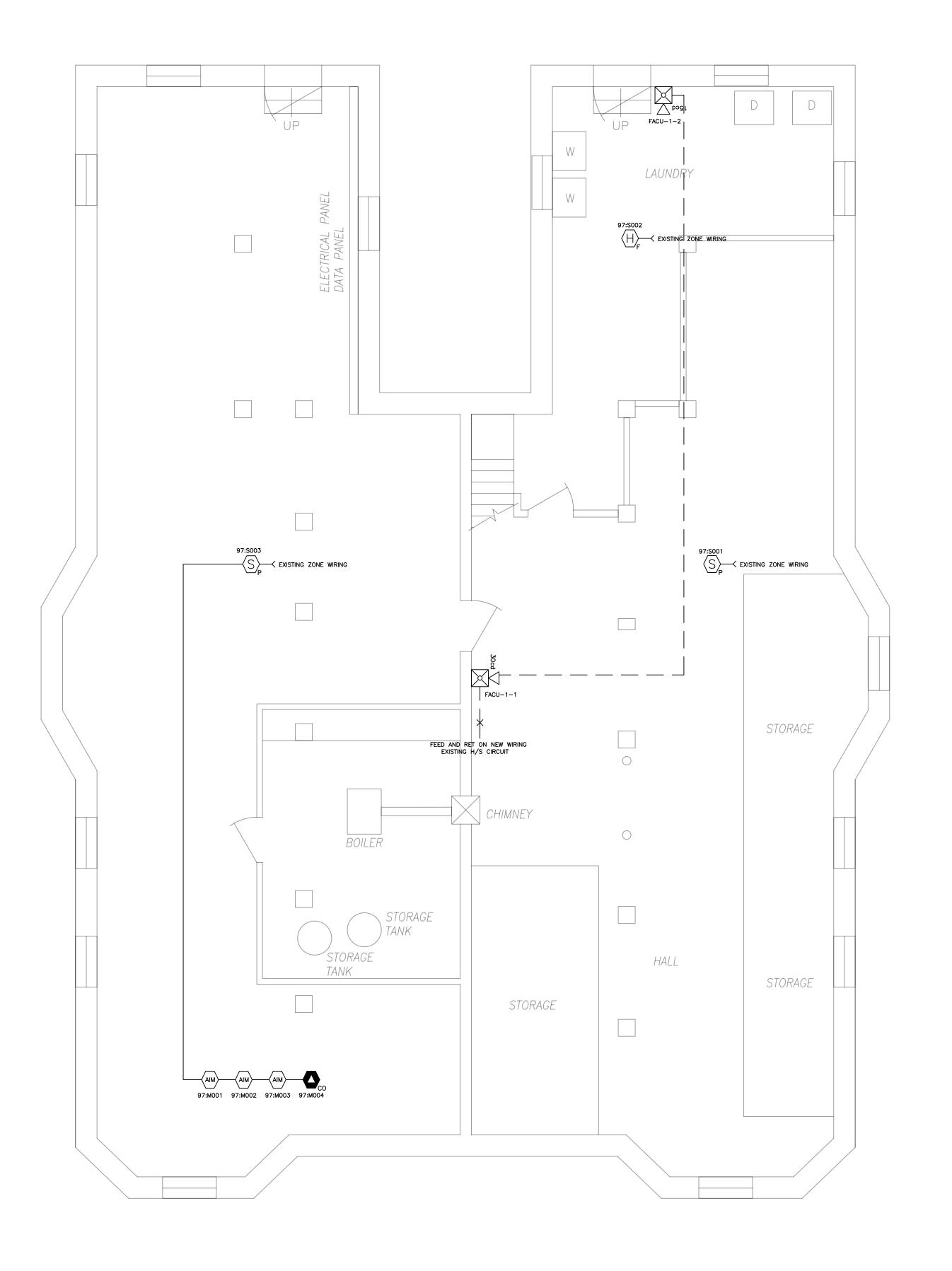
Revisions

PORT	PORT PROPERTY MANAGEMENT
DATE	09-03-2019
AUTHOR ZS	ZS
SCALE	None
	55 WILLIAM STREET
	PORTLAND, ME



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NICET Level IV - Fire Alarm Technician ID: 137219 Expires: 11/1/2022

NICET APPROVAL

	0	Issued for Review
	1	
	2	
	3	

Revisions

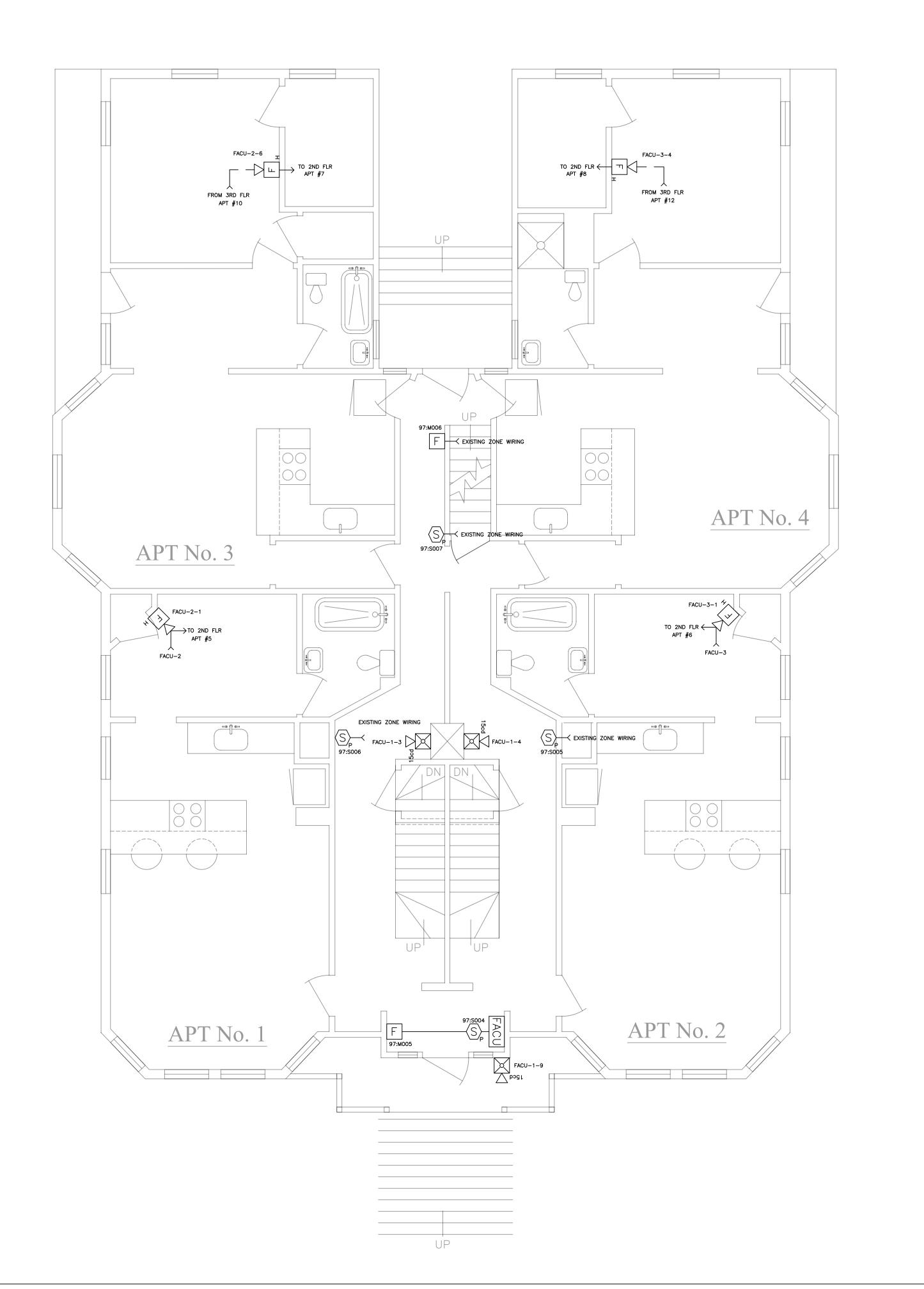
PORT	PORT PROPERTY MANAGEMENT
DATE	09-03-2019
AUTHOR ZS	SZ
SCALE	1/4" = 1'-0"
	55 WILLIAM STREET
	PORTLAND, ME



SECURITY SYSTEMS

BASEMENT





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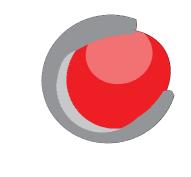
NICET Level IV - Fire Alarm Technician ID: 137219 Expires: 11/1/2022

NICET APPROVAL

	0	Issued for Review
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	2	
	3	

Revisions

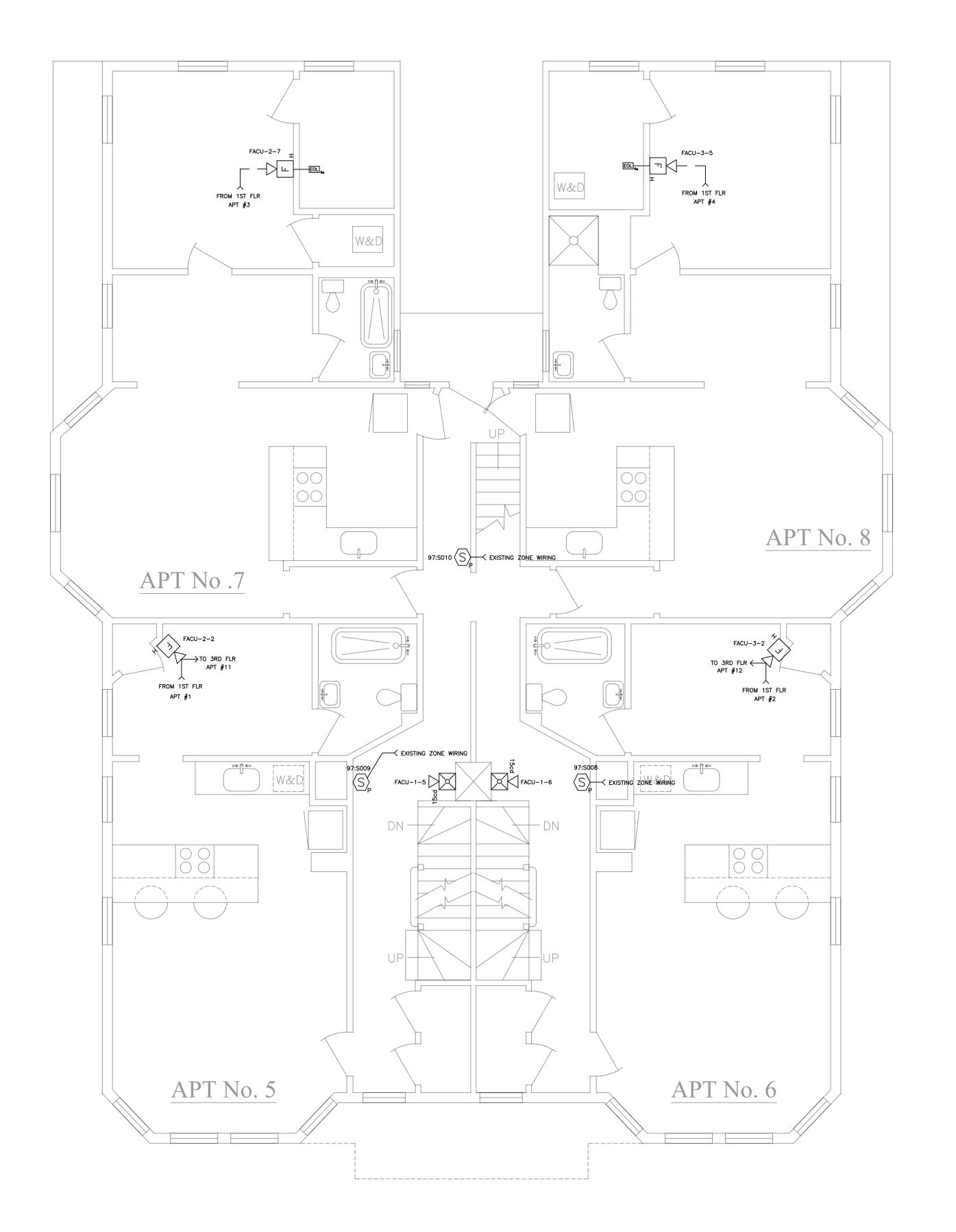
PORT	PORT PROPERTY MANAGEMENT
DATE	09-03-2019
AUTHOR ZS	SZ
SCALE	1/4" = 1'-0"
	55 WILLIAM STREET
	PORTI AND MF



CUNNINGHAM security systems

FIRST FLOOR





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NICET Level IV - Fire Alarm Technician ID: 137219 Expires: 11/1/2022

NICET APPROVAL

0	Issued for Review
1	
2	
3	

Revisions

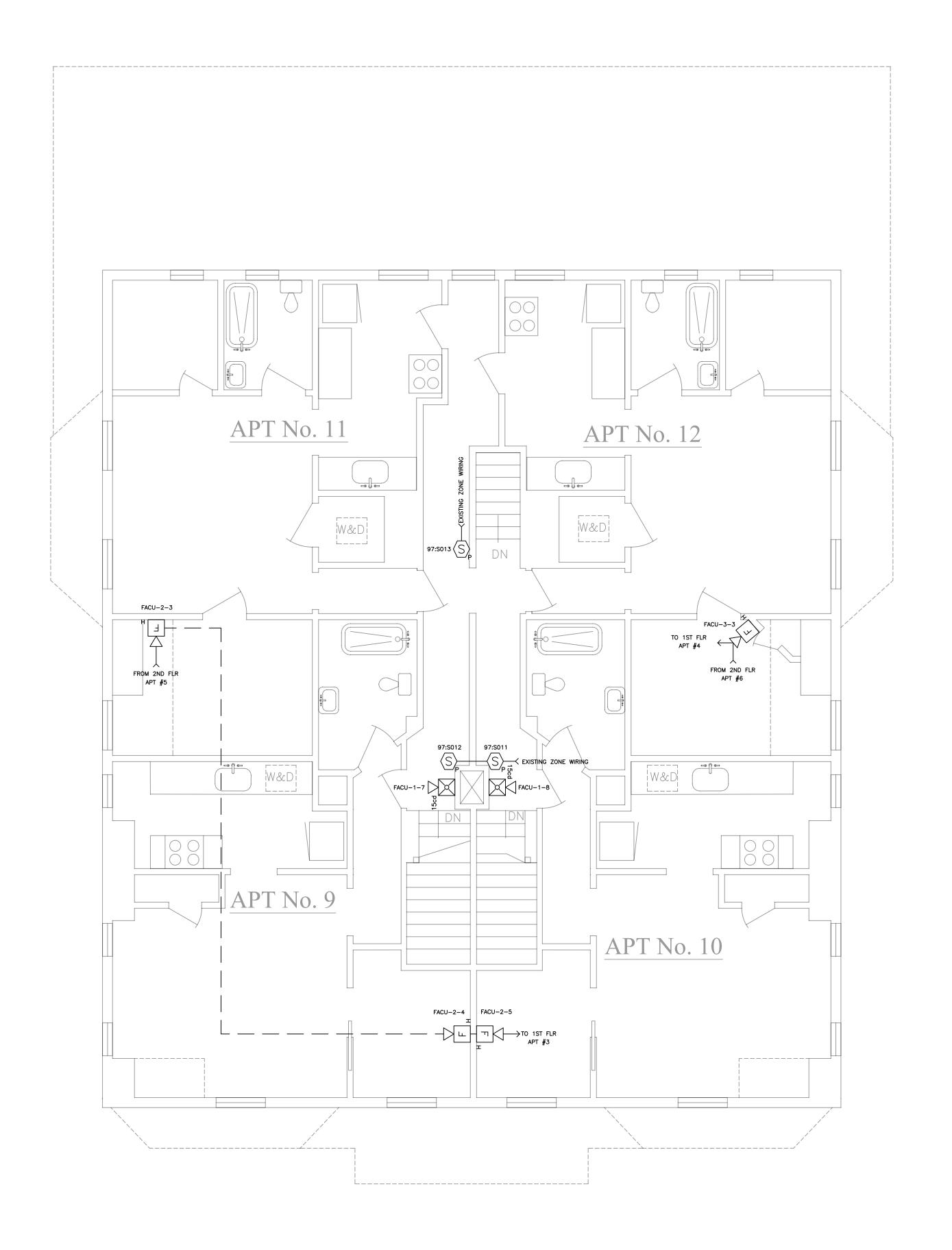
PORT	PORT PROPERTY MANAGEMENT
DATE	09-03-2019
AUTHOR ZS	ZS
SCALE	SCALE 1/4" = 1'-0"
	55 WILLIAM STREET
	PORTLAND, ME



SECURITY SYSTEMS

SECOND FLOOR





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Tohn Mocker

NICET Level IV - Fire Alarm
Technician ID: 137219
Expires: 11/1/2022

NICET APPROVAL

	0	Issued for Review
	1	
	2	
	3	

Revisions





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THIRD FLOOR