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DATE: 7.18.22

ISSUE FOR BID

SEAL:

SENDEWSKI ARCHITECTS PC
ARCHITECTS - PLANNERS

215 ROANOKE AVENUE
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ELECTRICAL SITE PLAN

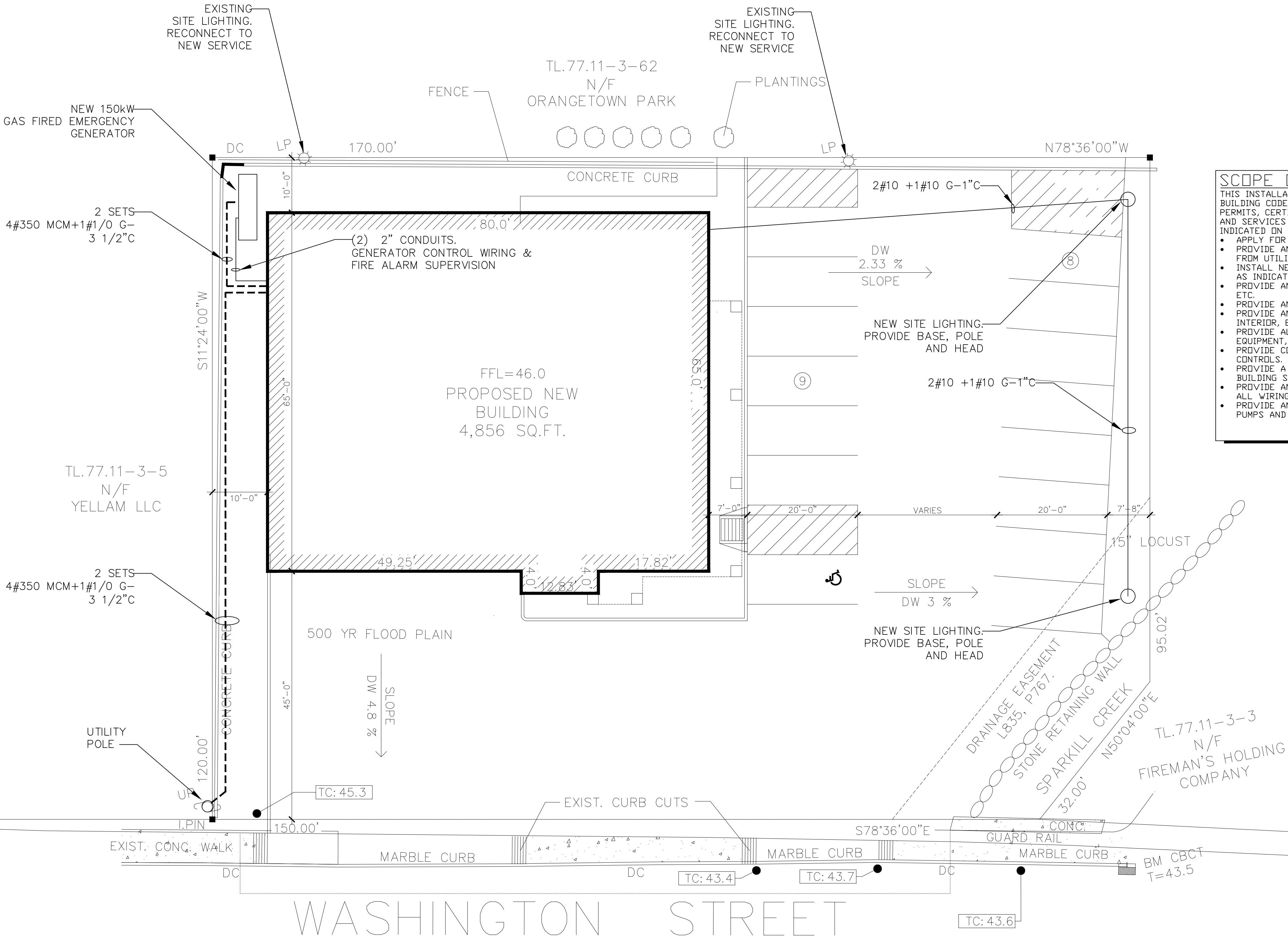
PROJECT #: 21-08

DRAWN BY:

CAD FILE: 21-08/P:/BID

DRAWING#:

E-1



SCOPE OF WORK:

THIS INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 70, NYS ENERGY CONSERVATION CODE, NYS BUILDING CODE AND ANY OTHER JURISDICTION HAVING AUTHORITY. ELECTRICIAN SHALL SECURE ALL PERMITS, CERTIFICATES, LICENSES, ETC. AND PROVIDE ALL REQUIRED LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY FOR A COMPLETE AND SAFE INSTALLATION OF ELECTRICAL ITEMS AS INDICATED ON THE DRAWINGS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- APPLY FOR AND OBTAIN ELECTRICAL PERMITS TO MEET REQUIREMENTS OF THIS PROJECT.
- PROVIDE AND INSTALL NEW UNDERGROUND 600A 3PH 120v/208v PROVIDE UNDERGROUND SERVICE FROM UTILITY POLE TO BUILDING. COORDINATE WITH UTILITY COMPANY.
- INSTALL NEW METER AND MAIN DISCONNECT FOR THE BUILDING. INCLUDE NEW MDP, POWER PANELS AS INDICATED.
- PROVIDE AND INSTALL ALL RACEWAYS, PANEL BOARDS, WIRING, JUNCTION BOXES, DISCONNECTS, ETC.
- PROVIDE AND INSTALL ALL FIXTURES, LAMPS, CIRCUITS AND CONDUITS.
- PROVIDE AND INSTALL WALL SWITCHES, RECEPTACLES, LIGHTING CONTROLS, TIME CLOCKS, INTERIOR, EXTERIOR AND SITE LIGHTING.
- PROVIDE ALL PRIMARY POWER WIRING IN METAL CONDUIT FOR MECHANICAL EQUIPMENT, PLUMBING EQUIPMENT, FIRE ALARM. COORDINATE WITH TRADE CONTRACTORS.
- PROVIDE CONTROL WIRING AND CONDUIT FOR MECHANICAL EQUIPMENT, PLUMBING EQUIPMENT AND CONTROLS. COORDINATE WITH TRADE CONTRACTORS.
- PROVIDE A BACKUP 150kW GENERATOR SYSTEM WITH AUTOMATIC TRANSFER SWITCH FOR ENTIRE BUILDING SERVICE.
- PROVIDE AND INSTALL ALL INDICATED MISCELLANEOUS SYSTEMS AS SPECIFIED WHICH INCLUDES ALL WIRING AND TERMINATION DEVICE OR FIXTURE.
- PROVIDE AN ADD/ALT FOR THE INCLUSION OF A SNOW MELT SYSTEM. PROVIDE POWER FOR BOILER, PUMPS AND CONTROLS.

ELECTRICAL SITE PLAN

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

SCHEDULE FOR: PANEL MDP																	
Voltage: 208 / 120 V				MLO		X Equip. Ground Bus		Poles: 42		Min CB IC: 65,000 AIC							
Main Bus: 600 A				X MCB 600 A		Iso. Ground Bus		Recessed		Comments:							
Ckt #	Serves	Load VA	Breaker P	Trip	Minimum Branch Circuit	Phase			Minimum Branch Circuit	Breaker Trip	P	Load VA	Serves	Ckt #			
1	ELEVATOR	26659	3	350	4#350,#350G, 3-1/2" C	42732	A	B	C	4#3/0,#4G,2" C	200	3	16073 PP1	2			
3		26659						42732					16073	4			
5		26659						42732					16073	6			
7	PP3	4216	3	200	4#3/0,#4G,2" C	21724				4#3/0,#4G,2" C	200	3	17508 PP2	8			
9		4216						21724					17508	10			
11		4216						21724					17508	12			
13	FIRE ALARM PANEL	500	1	20	3#12,#12G,3/4" C	500								14			
15	ELEVATOR CONTROL CIRC.	500	1	15	3#12,#12G,3/4" C			500						16			
17									0					18			
19									0					20			
21									0					22			
23										0				24			
25														26			
27								0						28			
29									0					30			
31									0					32			
33									0					34			
35										0				36			
37														38			
39													SURGE PROTECTOR	40			
41														42			
Total Connected Load (VA)						194368	64956	64956	64456	VA per phase							
						541.3	541.3	537.1	Amps per phase		540	Total Connected Load (Amps)					

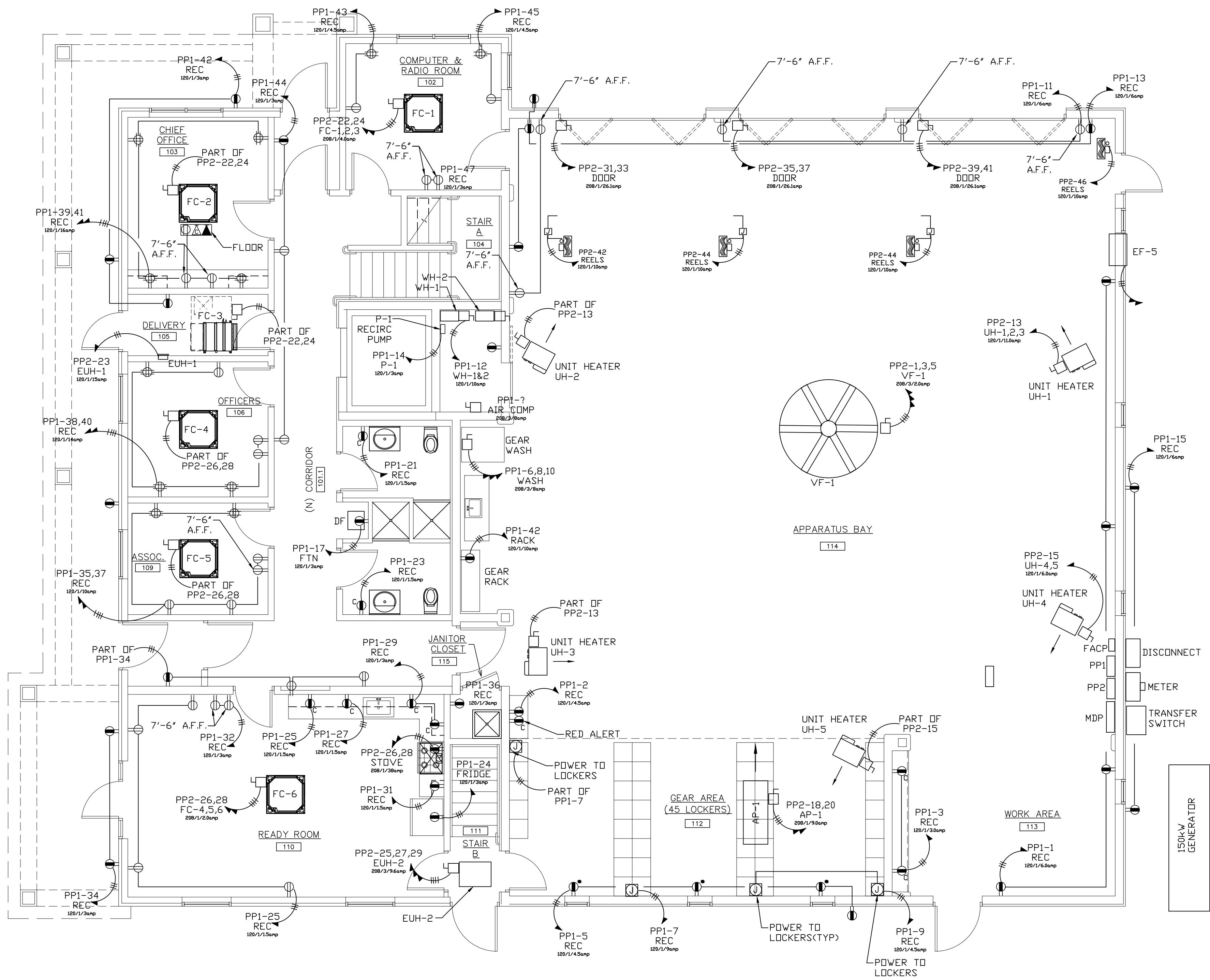
SCHEDULE FOR: PANEL PP1																					
Voltage:		208 / 120 V				MLO		X Equip. Ground Bus		Poles:		60				Min CB IC:		65,000 AIC			
Main Bus:		225 A				X MCB		200 A		Isol. Ground Bus		Mtg:		RECESSED				Comments:			
Ckt #	Serves	Load VA	Breaker P	Minimum Branch Trip	Phase			Minimum Branch Circuit	Breaker Trip	P	Load VA	Serves	Ckt #								
					A	B	C														
1	APP BAY REC	720	1	20	2#12, #12G, 3/4"			1080			2#12, #12G, 3/4"	15	1	360	RED ALERT	2					
3	APP BAY BENCH REC	360	1	20	2#12, #12G, 3/4"				1560		2#12, #12G, 3/4"	20	1	1200	GEAR RACK	4					
5	GEAR AREA REC	540	1	20	2#12, #12G, 3/4"					1501	2#12, #12G, 3/4"	20	3	961	GEAR WASHER	6					
7	GEAR AREA LOCKERS	1080	1	20	2#12, #12G, 3/4"			2041						961		8					
9	GEAR AREA LOCKERS	1080	1	20	2#12, #12G, 3/4"				2041					961		10					
11	NORTH APP BAY MONITORS	720	1	20	2#12, #12G, 3/4"					1800	2#12, #12G, 3/4"	20	1	1080	WH-1 & 2	12					
13	NORTH APP BAY REC	720	1	20	2#12, #12G, 3/4"			1080			2#12, #12G, 3/4"	15	1	360	P-1 RECIRC PUMP	14					
15	EAST APP BAY EXT REC	360	1	20	2#12, #12G, 3/4"				3792		2#8, #10G, 3/4"	40	2	3432	WH-3 POU	16					
17	DRINKING FTN	500	1	15	2#12, #12G, 3/4"					3932				3432		18					
19	DRINKING FTN	500	1	15	2#12, #12G, 3/4"			3932			2#8, #10G, 3/4"	40	2	3432	WH-4 POU	20					
21	BATH REC	180	1	20	2#12, #12G, 3/4"				3612					3432		22					
23	BATH REC	180	1	20	2#12, #12G, 3/4"					680	2#12, #12G, 3/4"	20	1	500	KIT FRIDGE	24					
25	KIT REC	180	1	20	2#12, #12G, 3/4"			4740			2#6, #10G, 1"	40	2	4560	KIT STOVE	26					
27	KIT REC	180	1	20	2#12, #12G, 3/4"				4740					4560		28					
29	KIT REC	360	1	20	2#12, #12G, 3/4"					1080	2#12, #12G, 3/4"	20	1	720	KIT REC	30					
31	KIT REC	180	1	20	2#12, #12G, 3/4"			540			2#12, #12G, 3/4"	15	1	360	KIT MONITORS	32					
33	KIT HOOD	500	1	15	2#12, #12G, 3/4"				1400		2#12, #12G, 3/4"	20	1	900	KIT EXTERIOR/ LOBBY	34					
35	ASSOC RM REC	720	1	20	2#12, #12G, 3/4"					900	2#12, #12G, 3/4"	20	1	180	JAN REC	36					
37	ASSOC RM REC	540	1	20	2#12, #12G, 3/4"			1350			2#12, #12G, 3/4"	20	1	810	OFFICERS RM REC	38					
39	CHIEF OFF REC	900	1	20	2#12, #12G, 3/4"				1710		2#12, #12G, 3/4"	20	1	810	OFFICERS RM REC	40					
41	CHIEF OFF REC	1080	1	20	2#12, #12G, 3/4"					1620	2#12, #12G, 3/4"	20	1	540	WEST EXT REC	42					
43	RADIO RM	540	1	20	2#12, #12G, 3/4"			1080			2#12, #12G, 3/4"	20	1	540	1ST FL CORR	44					
45	RADIO RM	540	1	20	2#12, #12G, 3/4"				1050		2#12, #12G, 3/4"	20	1	510	1ST FL S. LTG	46					
47	RADIO RM	360	1	20	2#12, #12G, 3/4"					958	2#12, #12G, 3/4"	20	1	598	1ST FL N. LTG	48					
49	SITE LTG	500	1	20	2#12, #12G, 3/4"			1110			2#12, #12G, 3/4"	20	1	610	APP BAY LTG WEST	50					
51	SITE LTG	500	1	20	2#12, #12G, 3/4"				1000		2#12, #12G, 3/4"	20	1	500	APP BAY LTG EAST	52					
53										400	2#12, #12G, 3/4"	20	1	400	N. APP BAY EXTERIOR LTG	54					
55								0								56					
57								0								58					
59										0						60					
Total Connected Load (VA)		50729				16953		20905		12871		VA per phase		141.3		Total Connected Load (Amps)					
						141.3		174.2		107.3		Amps per phase									

SCHEDULE FOR: PANEL PP2																			
Voltage:		208 / 120 V			MLO		X		Equip. Ground Bus		Poles:		60		Min CB IC:		65,000 AIC		
Main Bus:		225 A			X		MCB		200 A		Isol. Ground Bus		Mtg:		RECESSED		Comments:		
Ckt #	Serves	Load VA	Breaker P	Trip	Minimum Branch Circuit	Phase			Minimum Branch Circuit	Breaker Trip	P	Load VA	Serves	Ckt #					
1	APP BAY CEILING FAN	1296	3	15	4#12,#12G,3/4"	A	B	C	4#4,#8G,1-1/4"	70	3	3723	HEAT PUMP SEC #1	2					
3	VF-1	1296							5019			3723	HP-1	4					
5		1296							5019			3723		6					
7	ERV-1	2714	2	30	4#12,#12G,3/4"				4#4,#8G,1-1/4"	70	3	3723	HEAT PUMP SEC #2	8					
9		2714							6437			3723	HP-1a	10					
11	SPARE		1	15					3723			3723		12					
13	APP BAY UNIT HEATERS 1,2,3	1311	1	15	3#12,#12G,3/4"				3#12,#12G,3/4"	15	1	308	EF-1, EF-2	14					
15	APP BAY UNIT HEATERS 4,5	874	1	15	3#12,#12G,3/4"			924	3#12,#12G,3/4"	15	1	50	EF-3, EF-4	16					
17	ATTIC UNIT HEATERS 6,7,8	1311	1	15	3#12,#12G,3/4"				2346	3#12,#12G,3/4"	15	2	1035	APP BAY AIR PURIFIER	18				
19	DH-1	1010	1	15	3#12,#12G,3/4"			2045				1035		20					
21	DH-2	1010	1	15	3#12,#12G,3/4"				1391	3#12,#12G,3/4"	15	2	381	FAN COILS FC-1,2,3	22				
23	EUH-1 DELIVERY RM	1800	1	20	3#12,#12G,3/4"				2181	3#12,#12G,3/4"	15	2	141	FAN COILS FC-4,5,6	24				
25	EUH-2 REAR ENT	1000	3	15	3#12,#12G,3/4"			1141		3#12,#12G,3/4"	15	2	141		26				
27		1000						1141				141		28					
29		1000							1381	3#12,#12G,3/4"	15	2	381	FAN COILS FC-7,8,9	30				
31	APP BAY DOOR	750	2	20	3#12,#12G,3/4"			1131				381		32					
33		750						1300	3#12,#12G,3/4"	15	2	550	FAN COILS 10,11,12	34					
35	APP BAY DOOR	750	2	20	3#12,#12G,3/4"				1300	3#12,#12G,3/4"	15	2	550		36				
37		750						1110				360	FAN COIL 13,14	38					
39	APP BAY DOOR	750	2	20	3#12,#12G,3/4"			1110				360		40					
41		750							1250	2#12,#12G,3/4"	15	1	500	AIR/ELEC REELS	42				
43								500	2#12,#12G,3/4"	15	1	500	AIR/ELEC REELS	44					
45									500	2#12,#12G,3/4"	15	1	500	AIR/ELEC REELS	46				
47									500	2#12,#12G,3/4"	15	1	500	AIR/ELEC REELS	48				
49						0								50					
51						0								52					
53								0						54					
55						0								56					
57								0						58					
59									0					60					
Total Connected Load (VA)						54524		19002		17822		17700		VA per phase		151		Total Connected Load (Amps)	
								158.4		148.5		147.5		Amps per phase					

SCHEDULE FOR: PANEL PP3																			
Voltage:		208 / 120 V			MLO		X Equip. Ground Bus			Poles: 60		Min CB IC: 65,000 AIC							
Main Bus:		225 A			X		MCB 200 A			Isol. Ground Bus		Mtg: RECESSED		Comments:					
Ckt #	Serves	Load VA	Breaker P	Minimum Branch Trip	Phase			Minimum Branch Circuit	Breaker Trip	P	Load VA	Serves	Ckt #						
					A	B	C												
1	MTG RM REC	720	1	20	2#12, #12G, 3/4"	1800		2#12, #12G, 3/4"	20	1	1080	FILE STORAGE							
3	MTG RM REC	720	1	20	2#12, #12G, 3/4"		900	2#12, #12G, 3/4"	20	1	180	BATH REC	4						
5	MTG RM REC	720	1	20	2#12, #12G, 3/4"			2#12, #12G, 3/4"	20	1	180	BATH REC	6						
7	MTG RM PROJECTOR	360	1	20	2#12, #12G, 3/4"	1080		2#12, #12G, 3/4"	20	1	720	SEC/TREAS REC	8						
9	MTG RM AV CL	360	1	20	2#12, #12G, 3/4"		900	2#12, #12G, 3/4"	20	1	540	SEC/TREAS REC	10						
11	MTG RM AV CL	360	1	20	2#12, #12G, 3/4"			2#12, #12G, 3/4"	20	1	1080	BOFC	12						
13	MTG RM REC	540	1	20	2#12, #12G, 3/4"	1260		2#12, #12G, 3/4"	20	1	720	BOFC	14						
15	2ND FL CORR REC	360	1	20	2#12, #12G, 3/4"		1260	2#12, #12G, 3/4"	20	1	900	N. ATTIC REC	16						
17	IT RM REC	540	1	15	2#12, #12G, 3/4"			2#12, #12G, 3/4"	20	1	360	S. ATTIC REC	18						
19	IT RM REC	360	1	15	2#12, #12G, 3/4"	540		2#12, #12G, 3/4"	20	1	180	BOFC FL REC	20						
21	IT RM REC	360	1	20	2#12, #12G, 3/4"		360		20	1		SPARE	22						
23	2ND FL S. LTG	624	1	20	2#12, #12G, 3/4"			624	20	1			24						
25	2ND FL N. LTG	468	1	20	2#12, #12G, 3/4"	468							26						
27	ATTIC LTG	217	1	20	2#12, #12G, 3/4"		217						28						
29													30						
31						0							32						
33							0						34						
35								0					36						
37						0							38						
39							0						40						
41								0					42						
43							0						44						
45								0					46						
47									0				48						
49							0						50						
51								0					52						
53									0				54						
55							0						56						
57								0					58						
59								0					60						
Total Connected Load (VA)						12649	5148	3637	3864	VA per phase									
						42.9	30.3	32.2	Amps per phase		35	Total Connected Load (Amps)							

FIRST FLOOR POWER PLAN

SCALE: 3/16" = 1'-0"



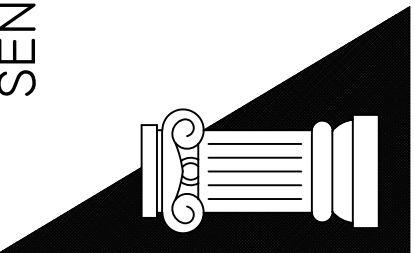
SYMBOL LIST	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE GROUNDING TYPE, (MOUNTED AT 24" TO TOP OF RECP. UNLESS OTHERWISE NOTED)
	DUPLEX RECEPTACLE EQUIPPED WITH USB CHARGING PORT
	DUPLEX RECEPTACLE (ORANGE) ISOLATED GROUNDING TYPE (COMPUTER TYPE)
	QUAD RECEPTACLE GROUNDING TYPE, (MOUNTED AT 24" TO TOP OF RECP. UNLESS OTHERWISE NOTED)
	DUPLEX RECEPTACLE (GROUND FAULT INTERRUPTER TYPE) c = DENOTES COUNTER HEIGHT (VERIFY HEIGHT WITH ARCHITECT.)
	PHONE/DATA/ POWER ALL DUPLEX JACKS ONE COVER PLATE W/DIVIDER
	HOMERUN TO DESIGNATED PANEL OR BOARD SLASHES INDICATE NUMBER OF WIRES FOR EACH CIRCUIT. ARROWS INDICATE NUMBER OF CIRCUITS.
	DISCONNECT SWITCH
	JUNCTION BOX (SIZE AS REQUIRED)
	WIND-UP TIMER SWITCH
	ELECTRIC HAND DRYER EXCELELATOR TYPE # H-1927W SUPPLIED AND INSTALLED BY ELECTRICAL CNTR.

- PLAN NOTES:
1. PROVIDE NEW PDWER PANELS, MAIN SERVICE, TRANSFER SWITCH AND ALL ASSOCIATED WIRING AND CONDUIT.
 2. NEW ELECTRIC SERVICE AND FEEDERS FOR ALL EQUIPMENT SHALL BE IN CONDUIT.
 3. ALL EXTERIOR RECEPTABLES SHALL BE GFI. ALL WIRING SHALL BE IN CONDUIT.
 4. BATHROOM EXHAUST FANS SHALL BE INTERLOCKED WITH THE LIGHTING. FAN SHALL REMAIN ON FOR 15 MINUTES AFTER LIGHTS ARE SHUT OFF.
 5. VERIFY RECEPTACLE LOCATIONS, TYPES AND HEIGHTS WITH ARCHITECT PRIOR TO INSTALLATION.
 6. ALL PIPING SHALL BE AT CEILING DOWN TO DEVICE OR FIXTURE UNLESS OTHERWISE NOTED.
 7. CONNECTIONS TO ALL EQUIPMENT SHALL BE AS PER THE MANUFACTURER'S INSTALLATION MANUAL.
 8. CIRCUIT DESIGNATIONS ARE FOR REFERENCE ONLY. ELECTRICIAN SHALL VERIFY CIRCUIT LOADS OF LIGHTING FIXTURES, POWER AND EQUIPMENT BEFORE CONNECTING NEW CIRCUITS TO NEW PANELS. ELECTRICIAN SHALL BE RESPONSIBLE FOR BALANCING LEGS.
 9. ALL EQUIPMENT POWER AND CONTROL WIRING SHALL BE IN METAL CONDUIT.
 10. ALL RECEPTABLES SHALL BE AFCI AND GFCI PROTECTED.
 11. ELECTRICAL CONTRACTOR TO PROVIDE SHUNT TRIP BREAKER FOR ELEVATOR SERVICE. VERIFY WITH ELEV CONTRACTOR ADDITIONAL CIRCUITS REQUIRED FOR CAB AND CONTROLS.

DATE: 7.18.22
ISSUE: FOR BID

SEAL:

SENDEWSKI ARCHITECTS PC
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215 ROANOKE AVENUE
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WALDEN, NY 12586
(845) 275-8859



TAPPAN FIRE DISTRICT
123 WASHINGTON STREET
TAPPAN NY, 10983

FIRST FLOOR
POWER PLAN

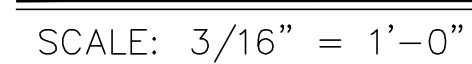
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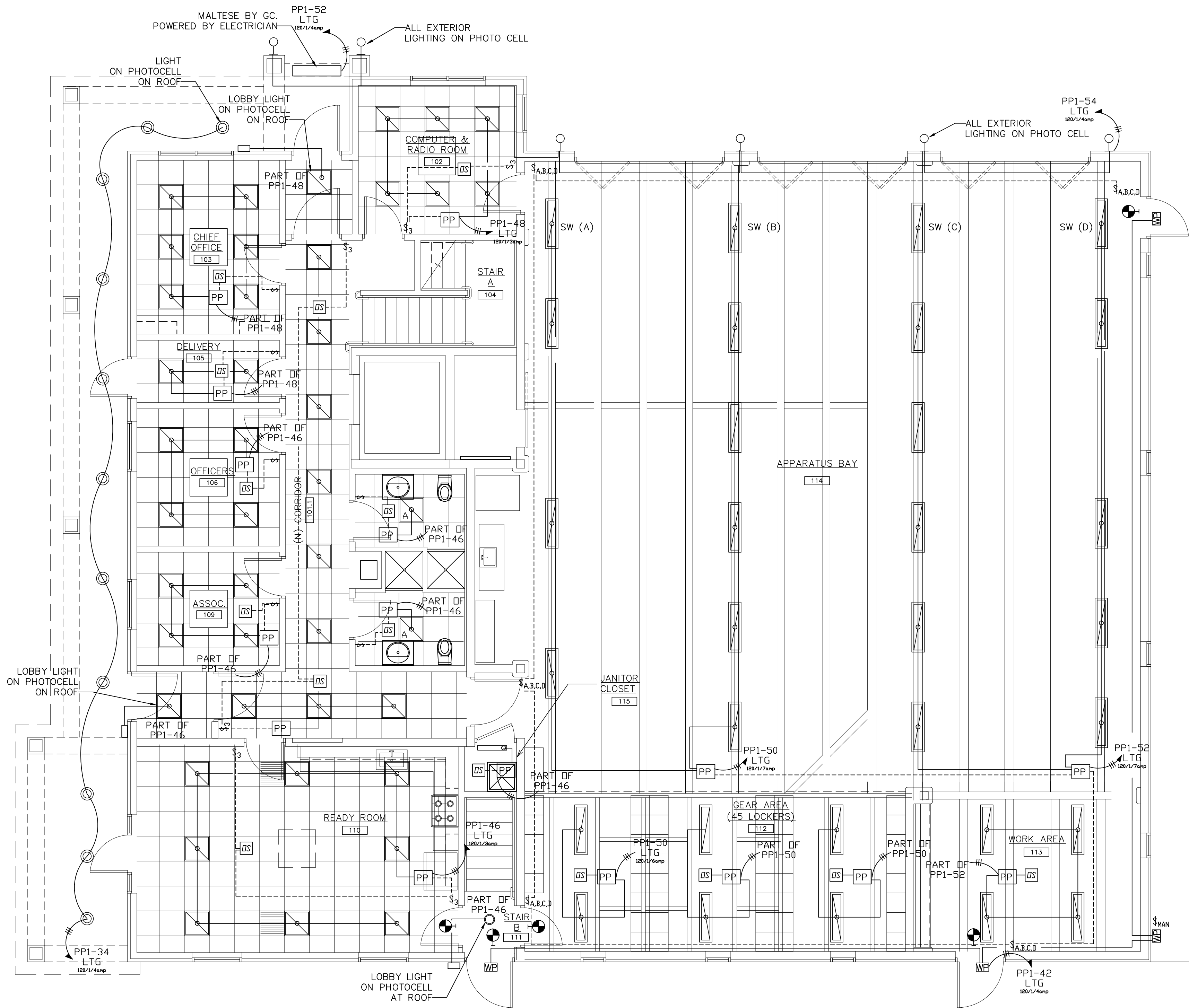
E-3



E-4

FIRST FLOOR LIGHTING PLAN

SCALE: 3/16" = 1'-0"



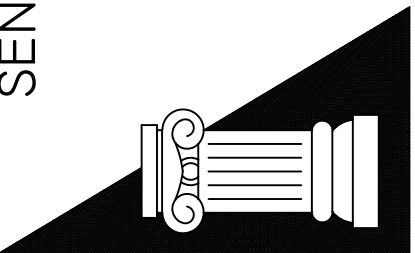
- GENERAL NOTES:
1. WHERE EXPOSED, ALL WIRING SHALL BE IN CONDUIT.
 2. ALL PIPING SHALL BE AT CEILING DOWN TO DEVICE OR FIXTURE UNLESS OTHERWISE NOTED.
 3. VERIFY ALL FINAL SWITCH LOCATIONS & TYPE WITH ARCHITECT PRIOR TO INSTALLATION.
 4. VERIFY FIXTURE TYPES WITH ARCHITECT PRIOR TO INSTALLATION. CONNECTIONS SHALL BE AS PER MANUFACTURER'S REQUIREMENTS.
 5. LED STRIP LIGHTING SHALL BE INSTALLED AS PER THE MANUFACTURER'S INSTALLATION MANUAL.
 6. ALL BATHROOM EXHAUST FANS SHALL BE INTERLOCKED WITH LIGHTING. FAN SHALL REMAIN ON FOR 15 MINUTES AFTER LIGHTS ARE SHUT OFF.

LIGHTING LEGEND	
	4' LED PENDANT STEM MTD.W/PRISMATIC ACRYLIC LENS LUMAX LTG.#CDL-LED63L-35K-48-9-FAR-SX LENGTH OF STEM TO BE DETERMINED AT SITE
	LITHONIA LIGHTI EPANL 2X2 4000LM 80CRI 35K EPANL 2X2, 4000 NOMINAL LUMENS 26 WATTS
	LITHONIA LIGHTI EPANL 2X2 2000LM 80CRI 35K EPANL 2X2, 2000 NOMINAL LUMENS (USED IN BATHROOMS) 19 WATTS
	GOTHAM ARCHITEC EVD6 35/15 AR WD LSS EVD 6IN ROUND, 80 CRI, 3500K. 35 WATTS
	LITHONIA LIGHTI EPANL 2X4 4000LM 80CRI 35K EPANL 2X4, 4000 NOMINAL LUMENS 39 WATTS
	LED LANTERN TYPE FIXTURE WALL VISIONAIRE LTG #SRL-1-T3-16LC-3-4K-UNV-WM-BZ-PC-120 18 WATTS
	4' LED WALL MTD. W/PRISMATIC ACRYLIC LENS +EM PACK + OCC LUMAX # COSLED33L35K48-1-FAR-EM - 31 WATTS
	LITHONIA LIGHTING LED LINEAR 24" CLX L24 5000LM SEF 42 WATTS
	LED TYPE WALL WALL PACK WITH PHOTOCELL BARRON LIGHTING #TLED-NFM-42-VS-4K 42 WATTS
	LED EXIT SIGN FIXTURE LITHONIA LIGHTING EXRG EL M6. 1 WATT
	NLIGHT NPP16 D SA POWER/RELAY PACK
	NLIGHT NCM PDT 9 LOW VOLTAGE CEILING MOUNT OCCUPANCY SENSOR
	JUNCTION BOX
	NLIGHT NPDD LOW VOLTAGE WALL SWITCH.

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FIRST FLOOR
LIGHTING PLAN

PROJECT #: 21-08

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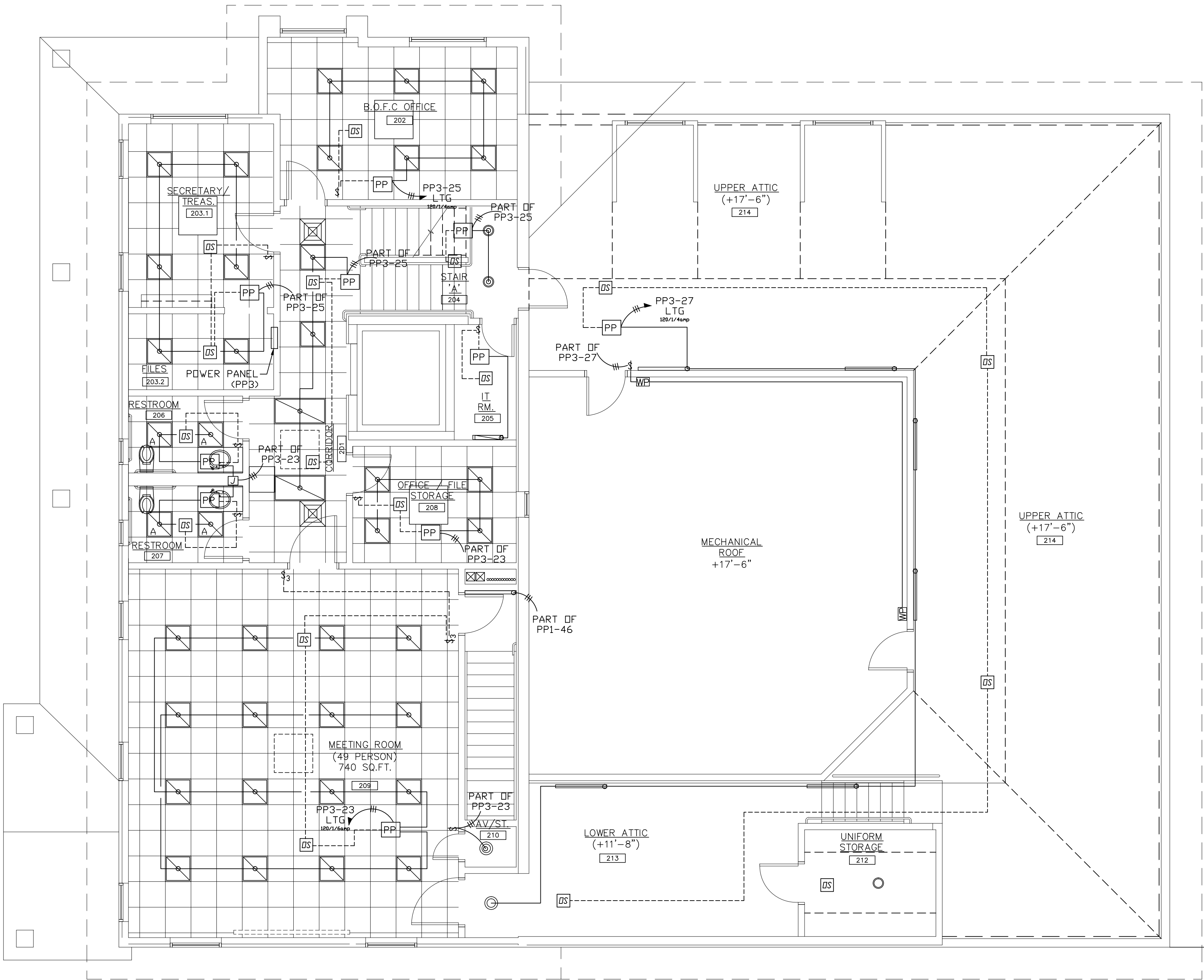
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E-5

SECOND FLOOR LIGHTING PLAN

SCALE: 3/16" = 1'-0"



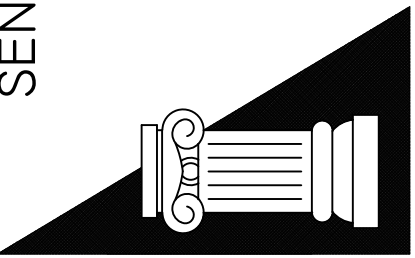
- GENERAL NOTES:
1. WHERE EXPOSED, ALL WIRING SHALL BE IN CONDUIT.
 2. ALL PIPING SHALL BE AT CEILING DOWN TO DEVICE OR FIXTURE UNLESS OTHERWISE NOTED.
 3. VERIFY ALL FINAL SWITCH LOCATIONS & TYPE WITH ARCHITECT PRIOR TO INSTALLATION.
 4. VERIFY FIXTURE TYPES WITH ARCHITECT PRIOR TO INSTALLATION. CONNECTIONS SHALL BE AS PER MANUFACTURER'S REQUIREMENTS.
 5. LED STRIP LIGHTING SHALL BE INSTALLED AS PER THE MANUFACTURER'S INSTALLATION MANUAL.
 6. ALL BATHROOM EXHAUST FANS SHALL BE INTERLOCKED WITH LIGHTING. FAN SHALL REMAIN ON FOR 15 MINUTES AFTER LIGHTS ARE SHUT OFF.

LIGHTING LEGEND	
	4' LED PENDANT STEM MTD.V/PRISMATIC ACRYLIC LENS LUMAX LTG#CDL-LED63L-35K-48-9-FAR-SX LENGTH OF STEM TO BE DETERMINED AT SITE
	LITHONIA LIGHTI EPAUL 2X2 4000LM 80CRI 35K EPAUL 2X2, 4000 NOMINAL LUMENS 26 WATTS
	LITHONIA LIGHTI EPAUL 2X2 2000LM 80CRI 35K EPAUL 2X2, 2000 NOMINAL LUMENS (USED IN BATHROOMS) 19 WATTS
	GOTHAM ARCHITEC EVD6 35/15 AR WD LSS EVD 6IN ROUND, 80 CRI, 3500K, 35 WATTS
	LITHONIA LIGHTI EPAUL 2X4 4000LM 80CRI 35K EPAUL 2X4, 4000 NOMINAL LUMENS 39 WATTS
	LED LANTERN TYPE FIXTURE WALL VISIONAIRE LTG #SRL-1-T3-16LC-3-4K-UNV-WM-BZ-PC-120 18 WATTS
	4' LED WALL MTD. W/PRISMATIC ACRYLIC LENS +EM PACK + OCC LUMAX # COSLED33L35K48-1-FAR-EM ~ 31 WATTS
	LITHONIA LIGHTING LED LINEAR 24" CLX L24 5000LM SEF 42 WATTS
	LED TYPE WALL WALL PACK WITH PHOTOCELL BARRON LIGHTING #TLED-NFM-42-VS-4K 42 WATTS
	LED EXIT SIGN FIXTURE LITHONIA LIGHTING EXRG EL M6. 1 WATT
	NLIGHT NPPI6 D SA POWER/RELAY PACK
	NLIGHT NCM PDT 9 LOW VOLTAGE CEILING MOUNT OCCUPANCY SENSOR
	JUNCTION BOX
	NLIGHT NP0D LOW VOLTAGE WALL SWITCH.

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SECOND FLOOR
LIGHTING PLAN

PROJECT #: 21-08

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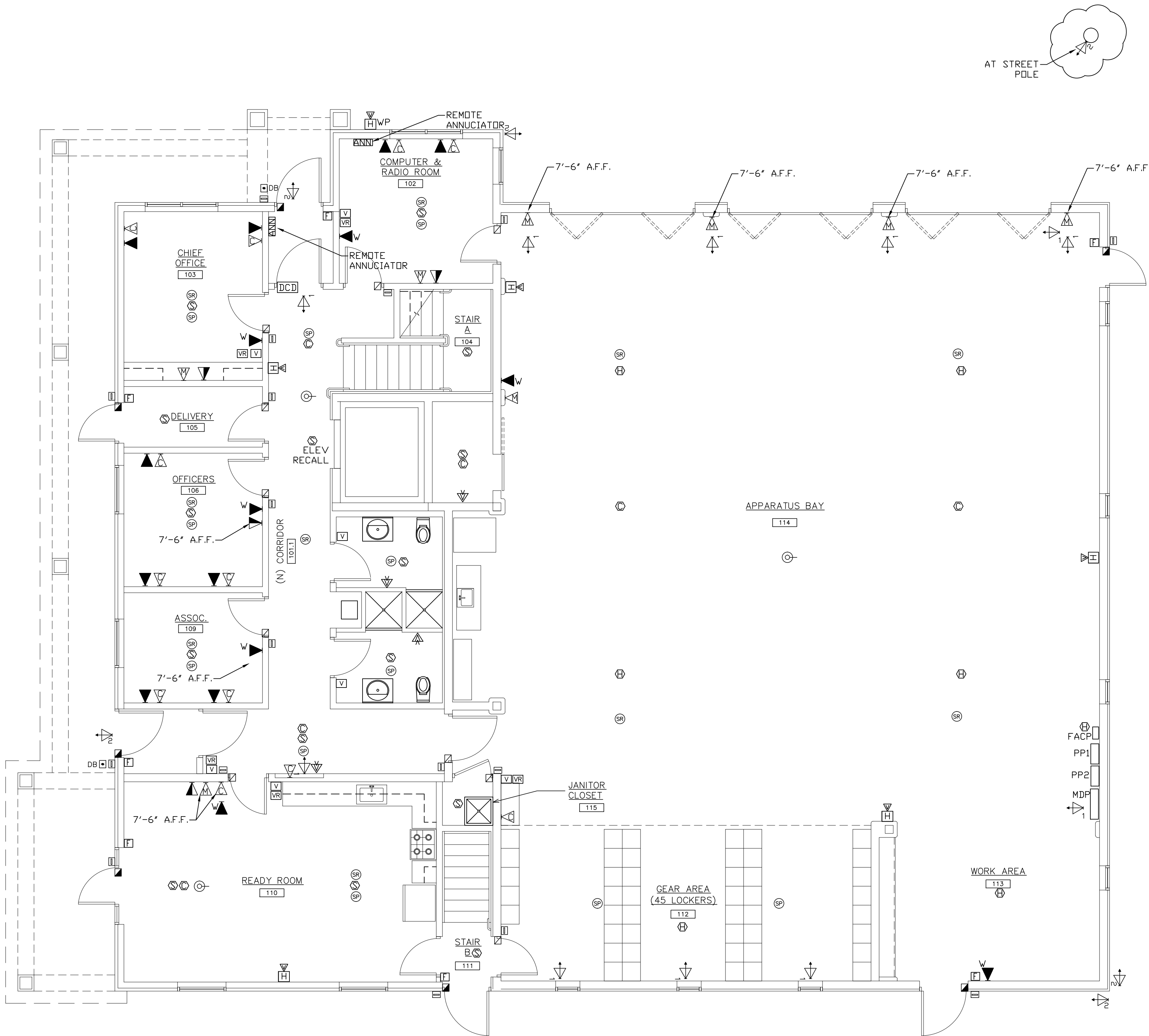
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E-6

FIRST FLOOR MISCELLANEOUS SYSTEMS PLAN

SCALE: 3/16" = 1'-0"



SYMBOL LIST

- CABLE TV OUTLET(MTD. @ 7'-6" AFF) UNLESS NOTED WIRE SUPPLIED & INSTALLED BY ELECTRICAL CONTRACTOR TO COMPUTER IT ROOM. TERMINATE W/2-CAT 6 WIRE WHITE. VERIFY W/CABLE CD
- COMPUTER OUTLET(DUPLEX)(MTD. @ 2'-0" AFF) ELECTRICAL CONTRACTOR SHALL SUPPLY & INSTALL CMPTR. WIRE CAT 6(BLUE) TO COMPUTER RM FROM EACH OUTLET. TERMINATE AT PUNCH BLOCK
- TELEPHONE OUTLET(MTD. @ 2'-0" AFF.) W = WALL MTD. (MTD. @ 64" AFF) ELECTRICAL CONTRACTOR WILL SUPPLY AND INSTALL 2 CAT 6 WIRE GREY FROM EACH TELEPHONE OUTLET TO COMPUTER RM. TERMINATE AT PUNCH BLOCK
- INTERIOR DOOR ELECTRIC STRIKE
- EXTERIOR DOOR ELECTRIC STRIKE
- CARD READER(MTD. @ 48" AFF) WHERE APPLICABLE
- DOOR BELL & SPEAKER(PART OF ACCESS SYSTEM) ELECTRICAL CONTR. SHALL SUPPLY AND INSTALL WIRE, CDT, BOXES ETC PLUS 18/4 TO TELEPHONE SYSTEM.
- SECURITY CAMERA
1 = DENOTES TYPE OF CAMERA(OUTDOOR)
2 = DENOTES TYPE OF CAMERA(INDOOR)
- LAN SYSTEM ANTENNA
ELECTRICAL CONTRACTOR WILL SUPPLY AND INSTALL 2 CAT 6 WIRE GREY FROM EACH OUTLET TO COMPUTER ROOM. TERMINATE AT PUNCH BLOCK.
- DOOR CONTROL DEVICE
- DENOTES DOOR NUMBER AS SHOWN ON RISER DIAGRAM AND PLAN
- PHONE/DATA/ POWER ALL DUPLEX JACKS ONE COVER PLATE W/DIVIDER
- DATA/ POWER ALL DUPLEX JACKS ONE COVER PLATE W/DIVIDER CAT 5E WIRE BACK TO COMPUTER ROOM.
- FIRE ALARM CONTROL PANEL
- FIRE ALARM REMOTE ANNUNCIATOR PANEL
- STROBE
- HORN/STROBE
- MANUAL PULL STATION
- CONTROL MODULE WITH RELAY/CONTACTOR FOR HOOD
- SMOKE DETECTOR
RAL=ABOVE CLG. W/ REMOTE ALARM LAMP
- CARBON MONOXIDE DETECTOR
- HEAT DETECTOR
RAL=ABOVE CLG. W/ REMOTE ALARM LAMP
- MUSIC/PUBLIC ADDRESS SYSTEM SPEAKER
W/18/4 FROM COMPUTER ROOM TO VOLUME CONTROL
CONTROL TO SPEAKER
MUSIC/PUBLIC ADDRESS SYSTEM VOLUME CONTROLLER
- RADIO SYSTEM SPEAKER
W/18/4+CAT 6 ORANGE FROM COMPUTER ROOM TO VOLUME
- VOLUME CONTROL TO SPEAKER
RADIO SYSTEM VOLUME CONTROLLER
- MONITOR OUTLET(DUPLEX)(MTD. @ 7'-6" AFF) ELECTRICAL CONTRACTOR SHALL SUPPLY & INSTALL CMPTR. WIRE CAT 6(BLUE) TO COMPUTER RM FROM EACH OUTLET. TERMINATE AT PUNCH BLOCK

NOTE:
LOCATIONS SHOWN FOR ALL TELEPHONE, COMPUTER JACKS, CABLE TV, FIRE ALARM, ETC. ARE CONCEPTUAL-EXACT LOCATIONS TO BE COORDINATED WITH OWNER/ARCHITECT.

ALL WIRING FOR ACCESS, SURVEILLANCE, TELEPHONE, CABLE TV, COMPUTER, FIRE ALARM, PUBLIC ADDRESS SYSTEMS TO BE SUPPLIED AND INSTALLED BY ELECTRICAL CNTR. ALL CDT, BOXES ETC NEEDED TO FACILITATE INSTALLATION SHALL BE SUPPLIED AND INSTALLED BY ELECT. CNTR. ALL ROUTING TO 2ND FLOOR COMPUTER ROOM.

NOTE:
ALL WIRING FOR SPECIALTY SYSTEMS SHOWN ON THESE DRAWINGS SHALL BE VERIFIED WITH SUCCESSFUL SPECIALTY SYSTEMS VENDOR PRIOR TO PURCHASE OR INSTALLATION BY ELECTRICAL CONTRACTOR

NOTE:
ALL WIRING FOR SPECIALTY SYSTEMS SHOWN ON THESE DRAWINGS SHALL BE CERTIFIED BY ELECTRICAL CONTRACTOR.

NOTE:
OUTLETS SHOWN ON MISCELLANEOUS SYSTEMS PLANS ARE ALSO SHOWN ON POWER PLANS AND ARE NOT IN ADDITION TO OUTLETS SHOWN ON POWER PLANS

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FIRST FLOOR
MISCELLANEOUS SYSTEMS PLAN

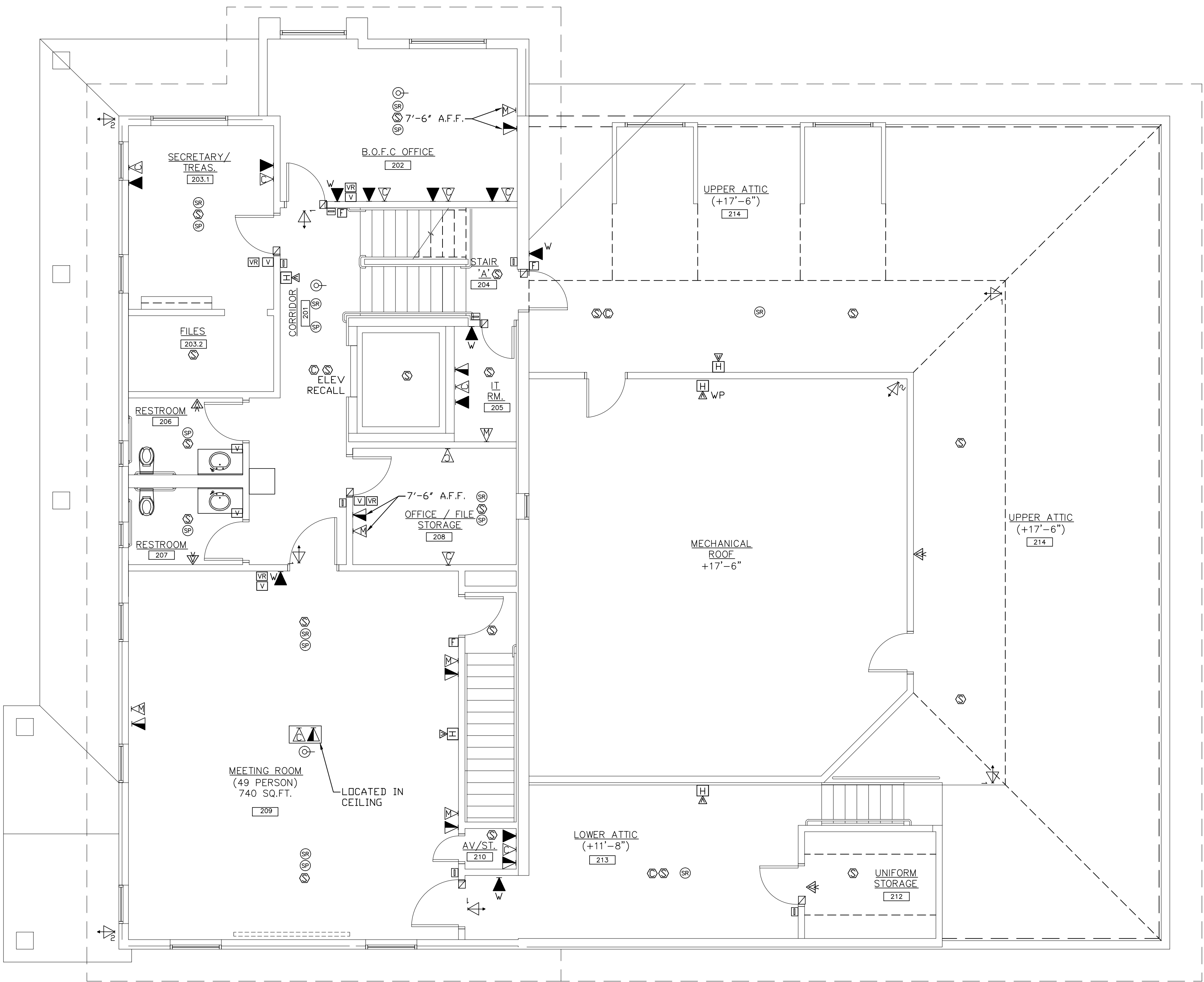
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DRAWING#:

E-7



NOTE:
LOCATIONS SHOWN FOR ALL TELEPHONE, COMPUTER JACKS, CABLE TV ETC. ARE CONCEPTUAL-EXACT LOCATIONS TO BE COORDINATED WITH OWNER/ARCHITECT .

ALL WIRING FOR ACCESS, SURVEILLANCE, TELEPHONE, CABLE TV, COMPUTER, FIRE ALARM, PUBLIC ADDRESS SYSTEMS TO BE SUPPLIED AND INSTALLED BY ELECTRICAL CNTR. ALL CDT, BOXES ETC NEEDED TO FACILITATE INSTALLATION SHALL BE SUPPLIED AND INSTALLED BY ELECT. CNTR. ALL ROUTING TO 2ND FLOOR COMPUTER ROOM.

NOTE:
ALL WIRING FOR SPECIALTY SYSTEMS SHOWN ON THESE DRAWINGS SHALL BE VERIFIED WITH SUCCESSFUL SPECIALTY SYSTEMS VENDOR PRIOR TO PURCHASE OR INSTALLATION BY ELECTRICAL CONTRACTOR

NOTE:
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NOTE:
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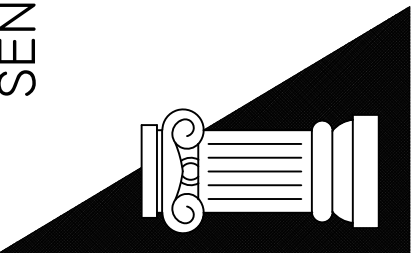
SECOND FLOOR MISCELLANEOUS SYSTEMS PLAN

SCALE: 3/16" = 1'-0"

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SECOND FLOOR
MISCELLANEOUS SYSTEMS PLAN

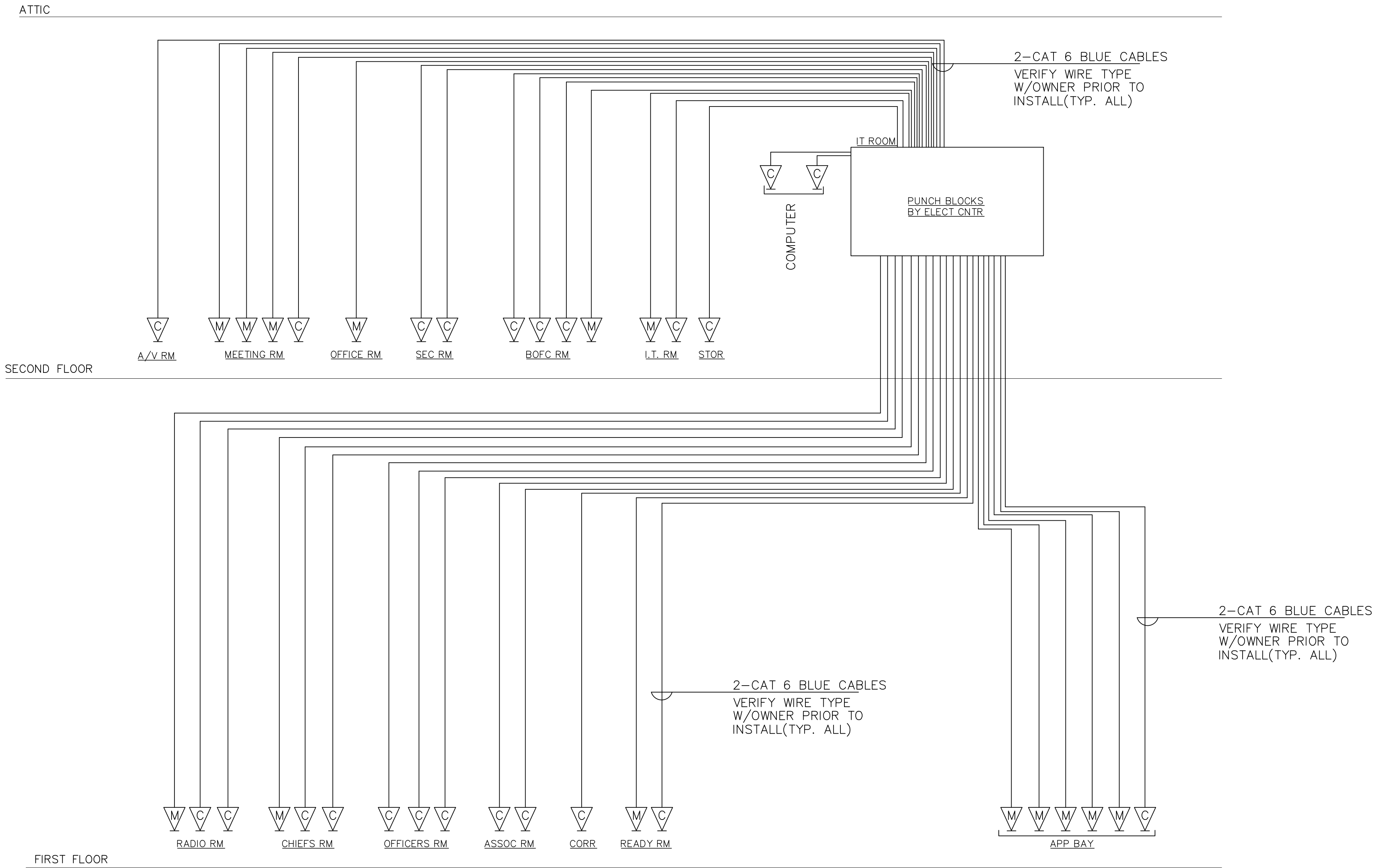
PROJECT #: 21-08

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CAD FILE: 21-08/P:/BID

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E-8



NOTE:
ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL
ALL WIRE, CONDUIT, BOXES ETC. TO MAKE COMPLETE SYS.
ALL FINAL DEVICES TO BE WIRED AND INSTALLED BY
ELECTRICAL CONTRACTOR. WIRING FOR LAN AND DATA SHALL
INCLUDE WALL (OR CEILING) JACKS AND PLATES FULLY
WIRED & LABELED

NOTE:
ALL WIRING TO BE
CERTIFIED BY ELECTRICAL
CONTRACTOR

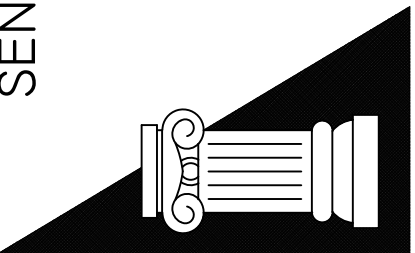
COMPUTER SYSTEM RISER DIAGRAM

SCALE: N.T.S.

DATE: 7.18.22
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COMPUTER SYSTEM
RISER DIAGRAM

PROJECT #: 21-08

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E-9

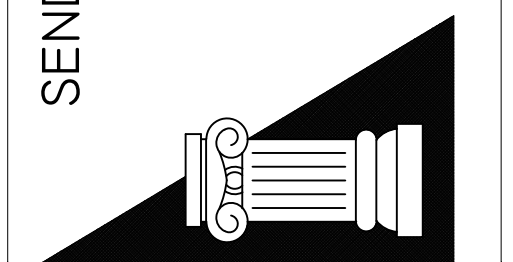
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CABLE TV AND TELEPHONE
RISER DIAGRAMS

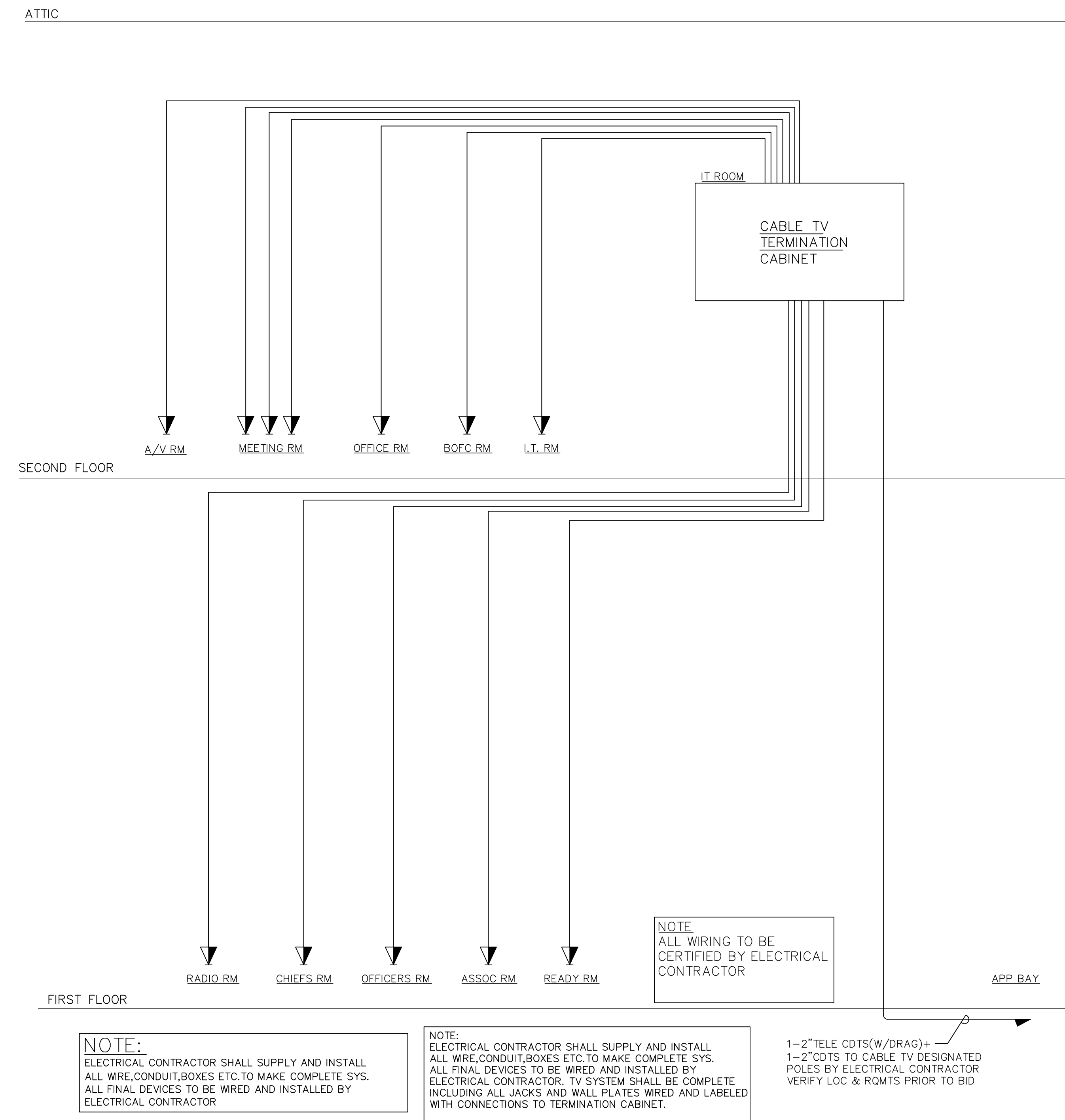
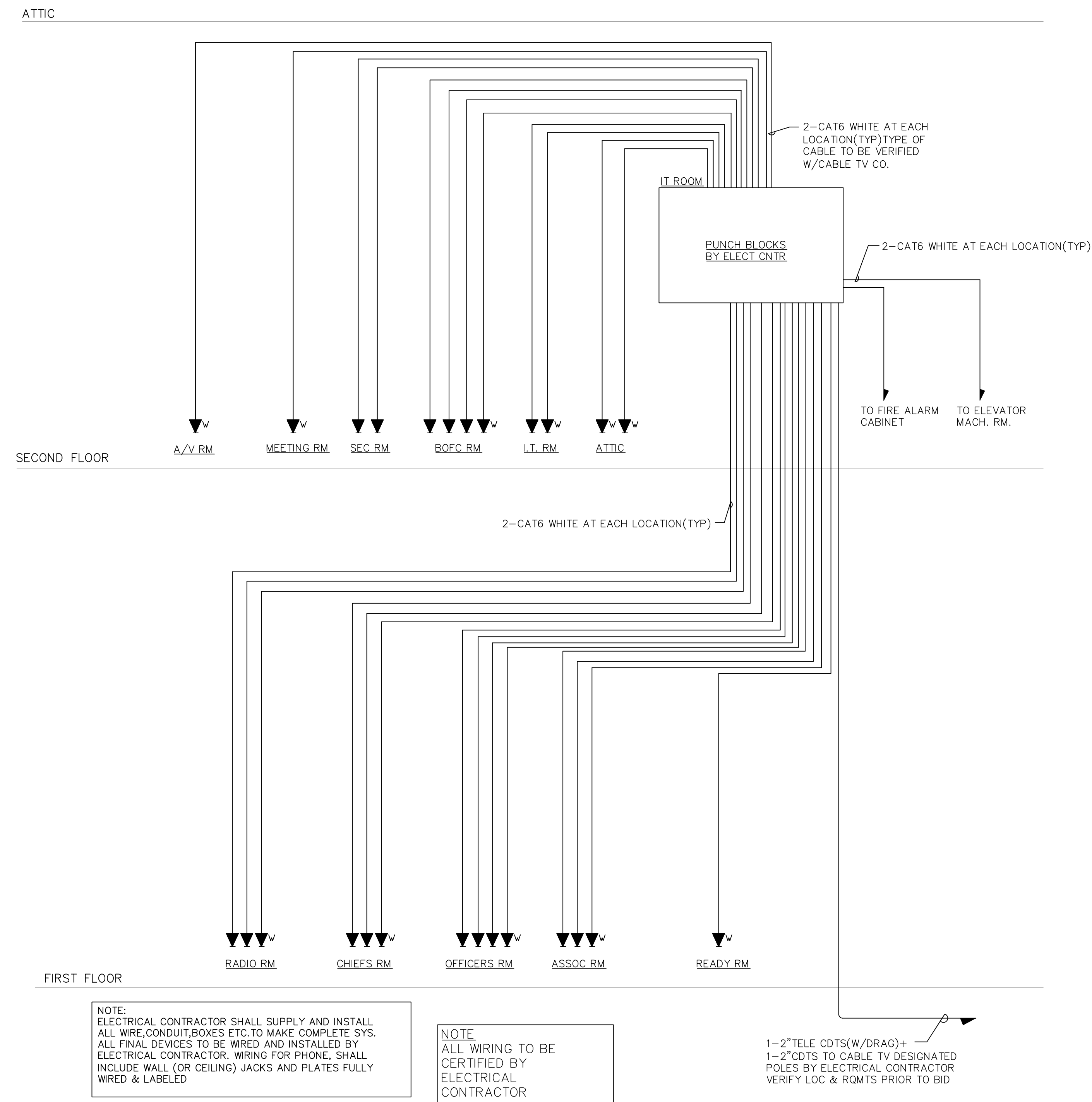
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E-10



CABLE TV AND TELEPHONE RISER DIAGRAMS

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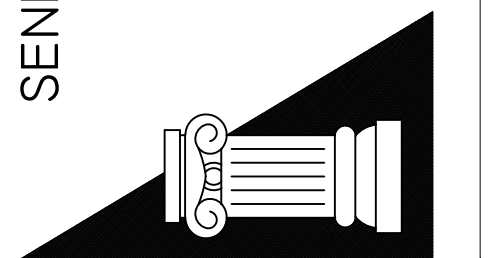
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ACCESS SYSTEM
RISER DIAGRAM

PROJECT #: 21-08

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E-11

NOTE:
ALL WIRING TO BE CERTIFIED BY
ELECTRICAL CONTRACTOR

NOTE:
ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL WIRE, CONDUIT, BOXES ETC. TO MAKE COMPLETE SYS. ALL FINAL DEVICES TO BE WIRED AND INSTALLED BY ELECTRICAL CONTRACTOR

NOTES:

1. ACCESS SYSTEM RUNS TO BE SHIELDED CABLE.
2. ACCESS SYSTEM WIRING TO BE AS FOLLOWS:
 - (A) - FROM COMPUTER SERVER ROOM TO BOX ABOVE DOORS (IN GROUPS UP TO 10 DOORS EACH RUN) 16/6 & 18/4. PROVIDE 12" LOOP OF WIRE IN BOX ABOVE DOOR. ACCESS VENDOR WILL CUT IN CONTROLLER.
 - (B) - FROM BOX ABOVE DOOR TO CARD READER BOX NEXT TO DOOR, 22/6.
 - (C) - FROM BOX ABOVE DOOR TO STRIKE IN DOOR FRAME 16/2.

ACCESS LEGEND

- | | |
|----|---|
| N | EXTERIOR DOOR ELECTRIC STRIKE |
| S | INTERIOR DOOR ELECTRIC STRIKE |
| W | CARD READER (MTD. @ 48" A.F.F.)
WHERE APPLICABLE |
| DB | DOOR BELL & SPEAKER (PART OF ACCESS
SYSTEM) ELECTRICAL CNTR. SHAL. SUPPLY
AND INSTALL WIRE, CDT, JBOXES ETC PLUS
18/4 TO TELEPHONE SYSTEM. |
| CD | DOOR CONTROL DEVICE |
| | DENOTES DOOR NUMBER AS SHOWN ON RISER
DIAGRAM AND PLAN |

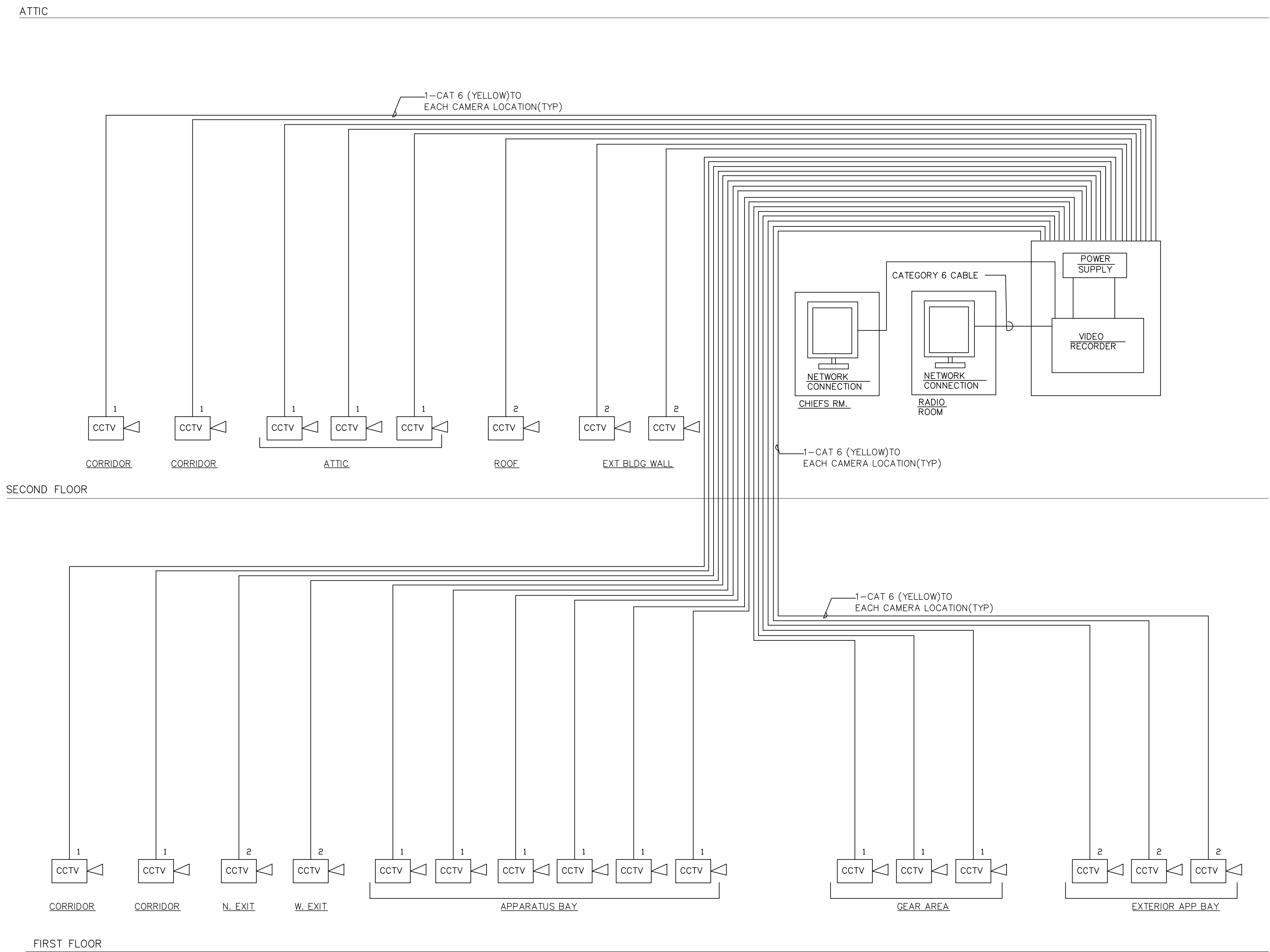
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SECOND FLOOR

FIRST FLOOR

ACCESS SYSTEM RISER DIAGRAM

SCALE: N.T.S.



NOTE:
1. ALL BOXES, WIRE, CONDUIT AS NEEDED BETWEEN FLOORS OR EXPOSED AREAS IS BY ELECTRICAL CONTRACTOR. ALL FINAL CONNECTIONS AT DEVICES ARE BY SURVEILLANCE VENDOR.
2. ALL LOCATIONS, REQUIREMENTS ARE TO BE COORDINATED W/VENDOR PRIOR TO
3. CATV SYSTEM SHALL BE COMPLETE INCLUDING ALL JACKS AND WALL PLATES WIRED AND LABELED WITH CONNECTIONS TO TERMINATION CABINET.

NOTE
ALL WIRING TO BE CERTIFIED BY ELECTRICAL CONTRACTOR

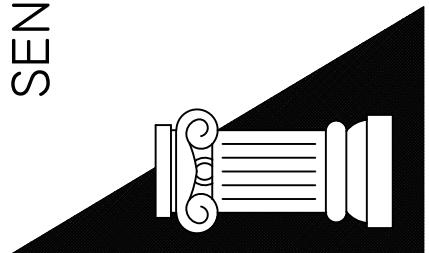
SURVEILLANCE RISER DIAGRAM

SCALE: N.T.S.

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SURVEILLANCE
RISER DIAGRAM

PROJECT #: 21-08

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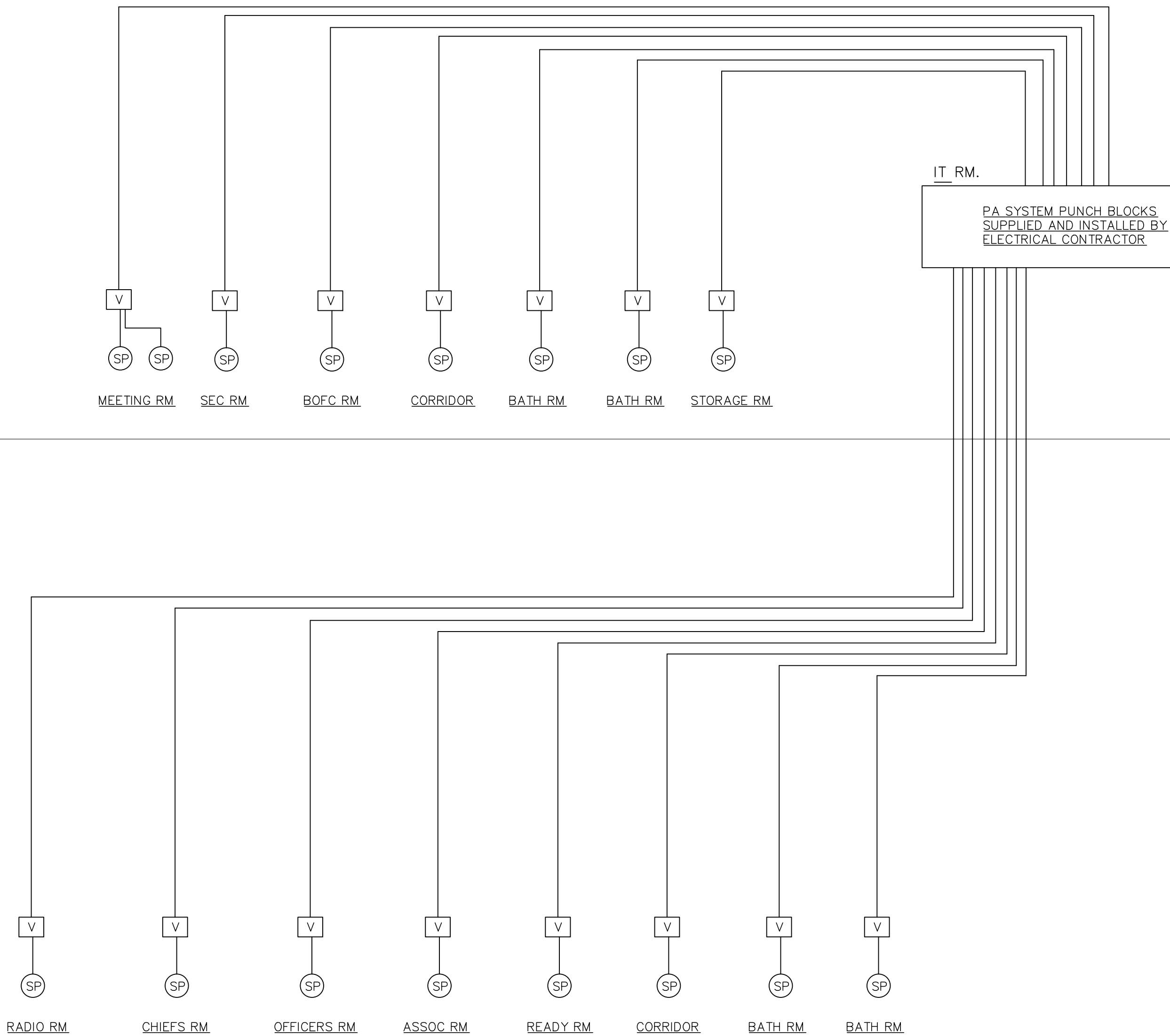
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E-12

ATTIC

SECOND FLOOR

FIRST FLOOR



NOTE:
ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL
ALL WIRE, CONDUIT, BOXES ETC. TO MAKE COMPLETE SYS.
ALL FINAL DEVICES TO BE WIRED AND INSTALLED BY
ELECTRICAL CONTRACTOR. PA SYSTEM SHALL BE COMPLETE
INCLUDING ALL JACKS AND CLO PLATES WIRED AND LABELED
WITH CONNECTIONS TO TERMINATION CABINET.

NOTE:
ALL WIRING TO BE
CERTIFIED BY
ELECTRICAL
CONTRACTOR

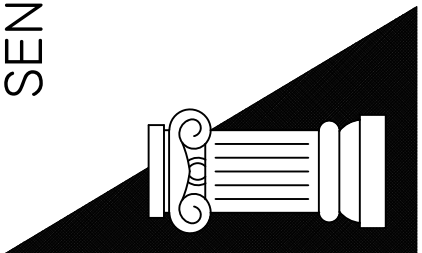
PA RISER DIAGRAM

SCALE: N.T.S.

DATE: 7.18.22
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PA RISER DIAGRAM

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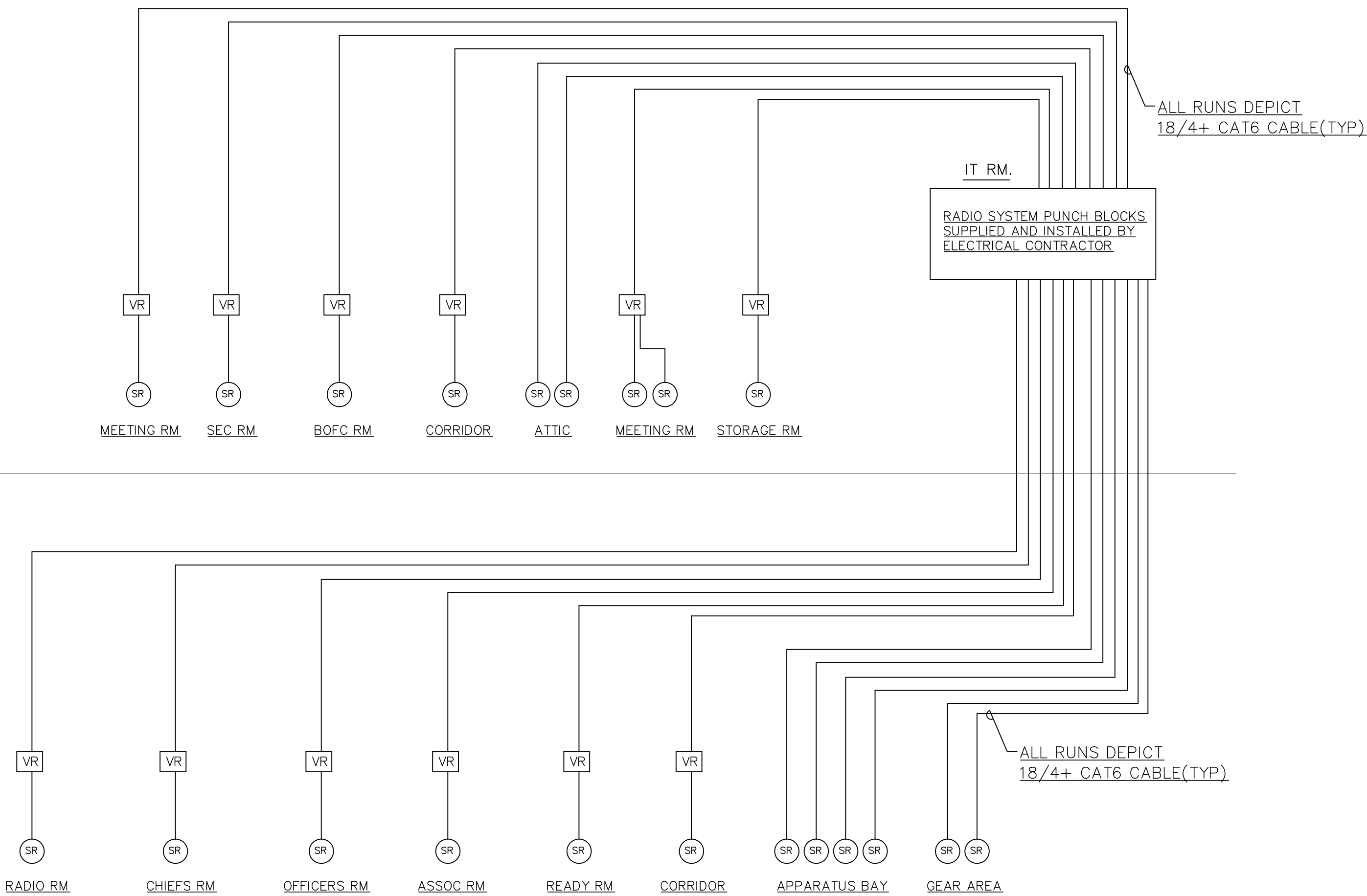
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SECOND FLOOR

FIRST FLOOR



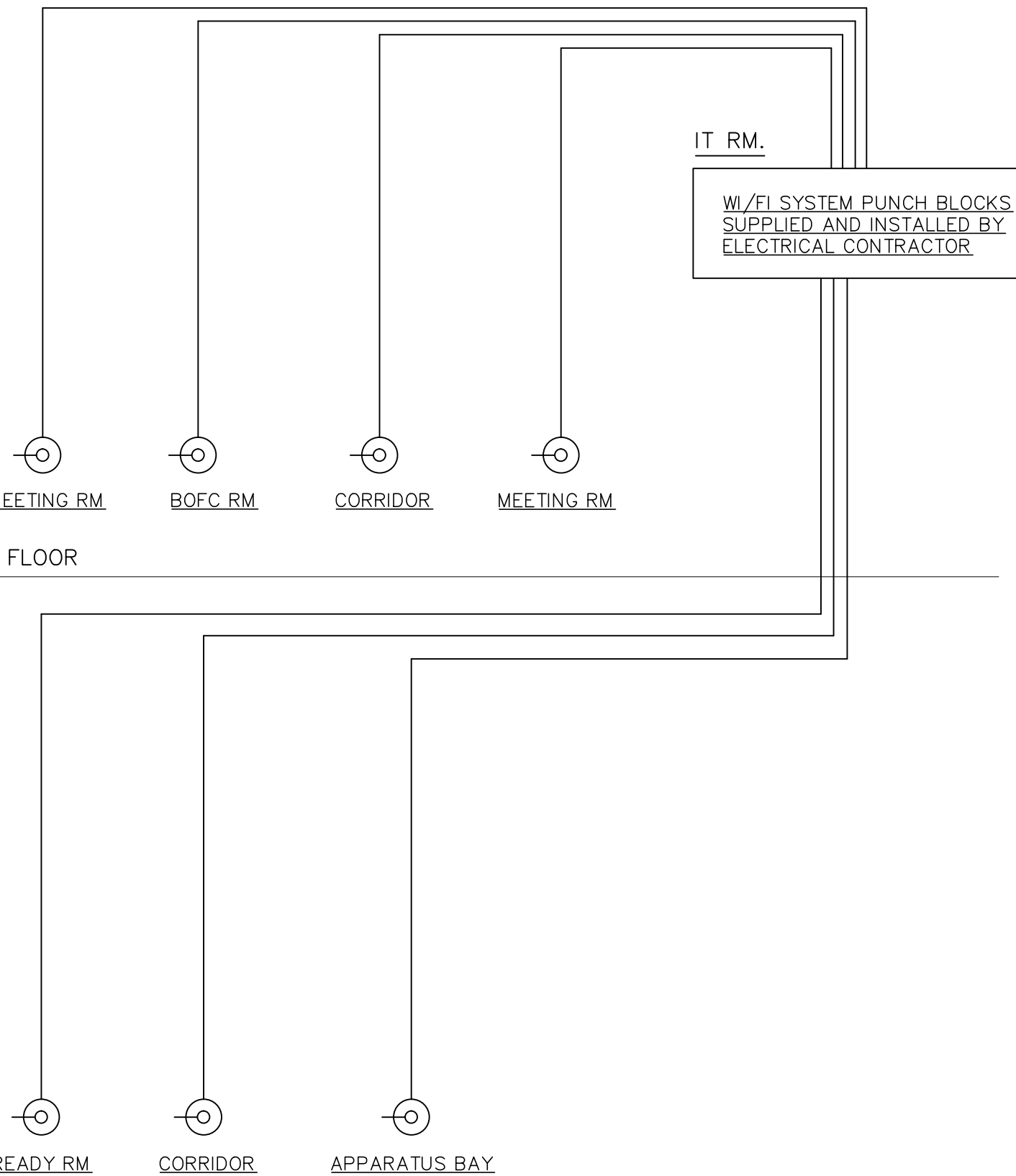
NOTE:
ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL
ALL WIRE, CONDUIT, BOXES ETC. TO MAKE A COMPLETE SYS.
ALL FINAL DEVICES TO BE WIRED AND INSTALLED BY
ELECTRICAL CONTRACTOR. RADIO SYSTEM SHALL BE
COMPLETE INCLUDING ALL CONNECTION AND CLG PLATES
WIRED AND LABELED WITH CONNECTIONS TO TERMINATION
CABINET.

NOTE:
ALL WIRING TO BE
CERTIFIED BY
ELECTRICAL
CONTRACTOR

ATTIC

SECOND FLOOR

FIRST FLOOR



NOTE:
ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL
ALL WIRE, CONDUIT, BOXES ETC. TO MAKE A COMPLETE SYS.
ALL FINAL DEVICES TO BE WIRED AND INSTALLED BY
ELECTRICAL CONTRACTOR. WIFI SYSTEM SHALL BE COMPLETE
INCLUDING ALL CONNECTION AND CLG PLATES WIRED AND
LABELED WITH CONNECTIONS TO TERMINATION CABINET.

NOTE:
ALL WIRING TO BE
CERTIFIED BY
ELECTRICAL
CONTRACTOR

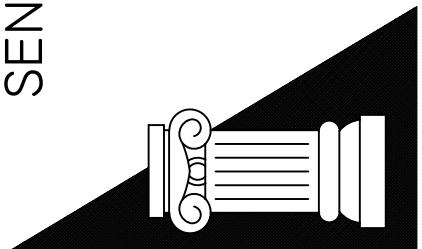
RADIO, WIFI SYSTEMS RISER DIAGRAMS

SCALE: N.T.S.

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RADIO, WIFI
SYSTEMS RISER DIAGRAMS

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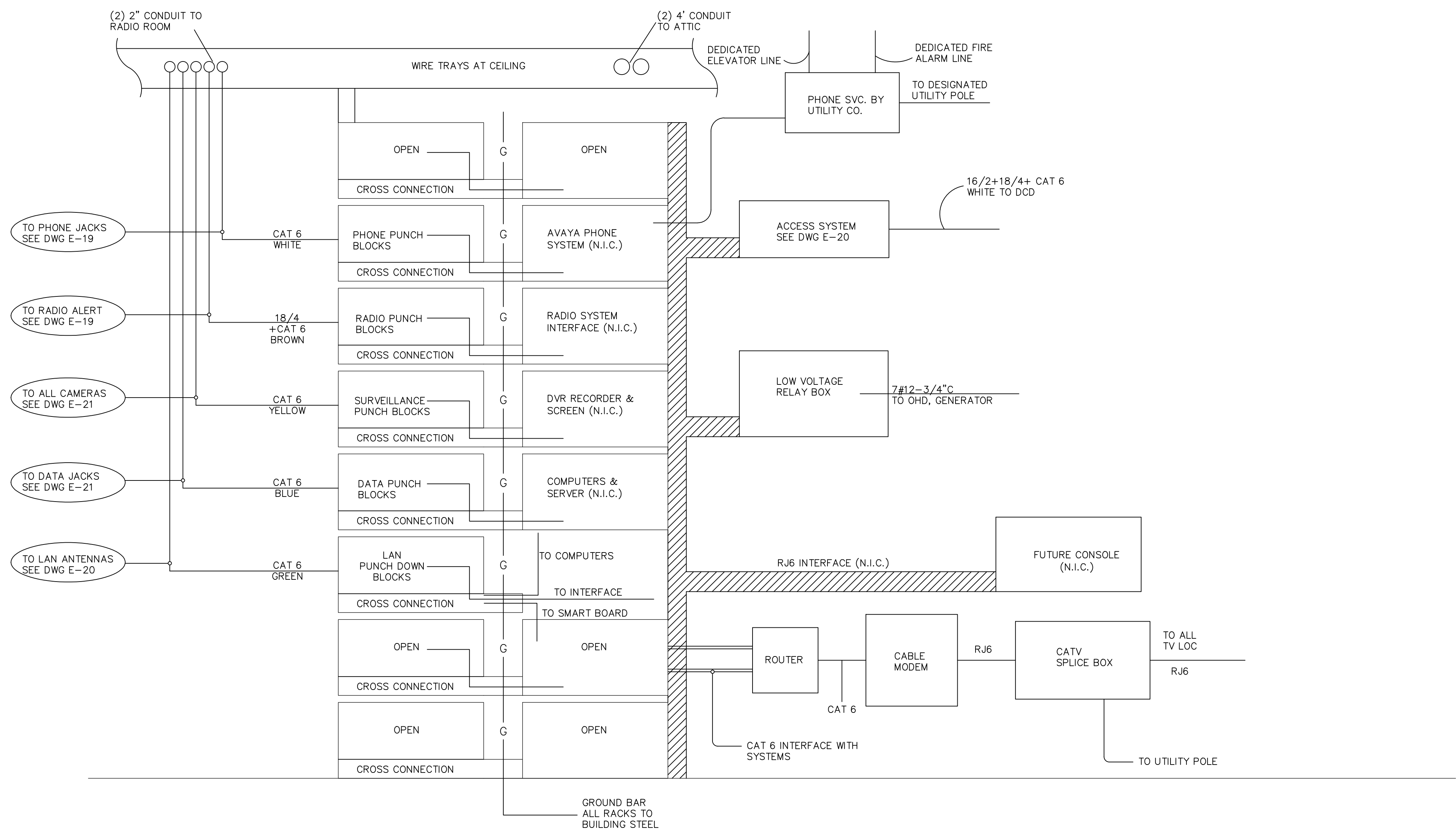
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I.T. ROOM RISER DIAGRAM

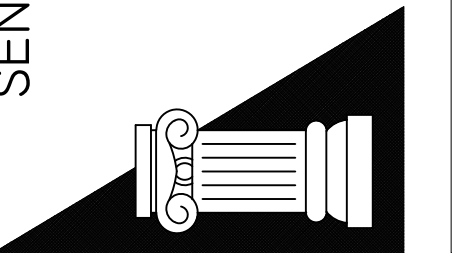
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I.T. ROOM RISER DIAGRAM

PROJECT #: 21-08

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FIRE ALARM RISER DIAGRAM

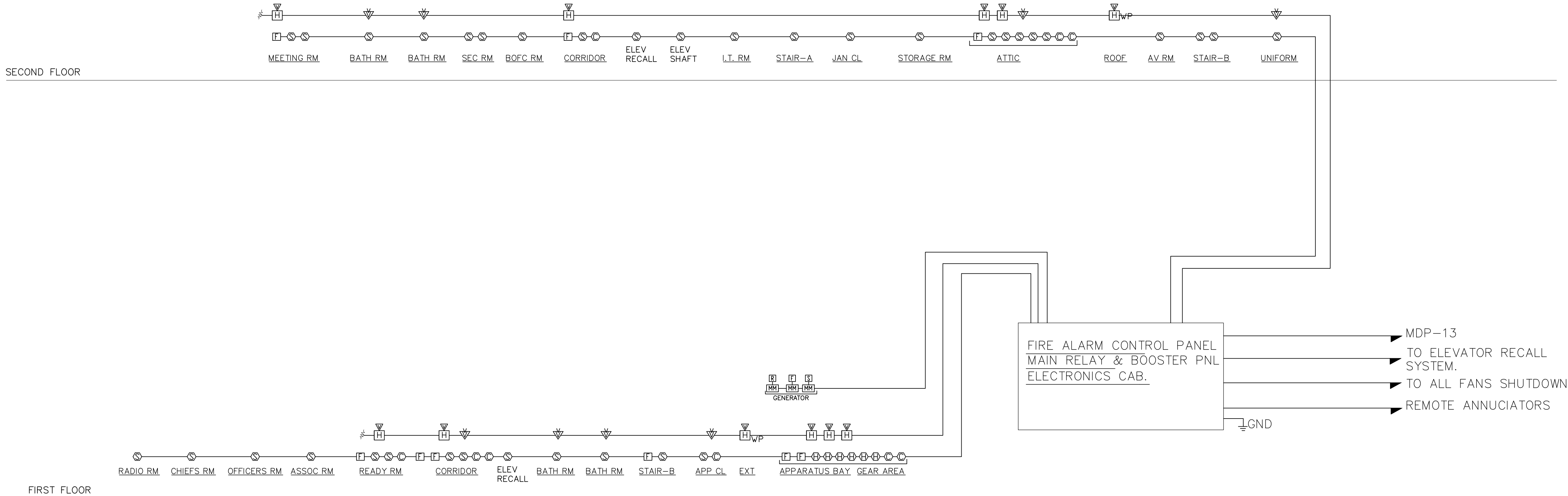
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E-16



NOTE:
ELECTRICAL CONTRACTOR SHALL SUPPLY AND
INSTALL COMPLETE FIRE & SMOKE ALARM SYSTEM
TO CODE USING DRAWINGS AS A MINIMUM SCOPE.

FIRE ALARM RISER DIAGRAM

SCALE: N.T.S.