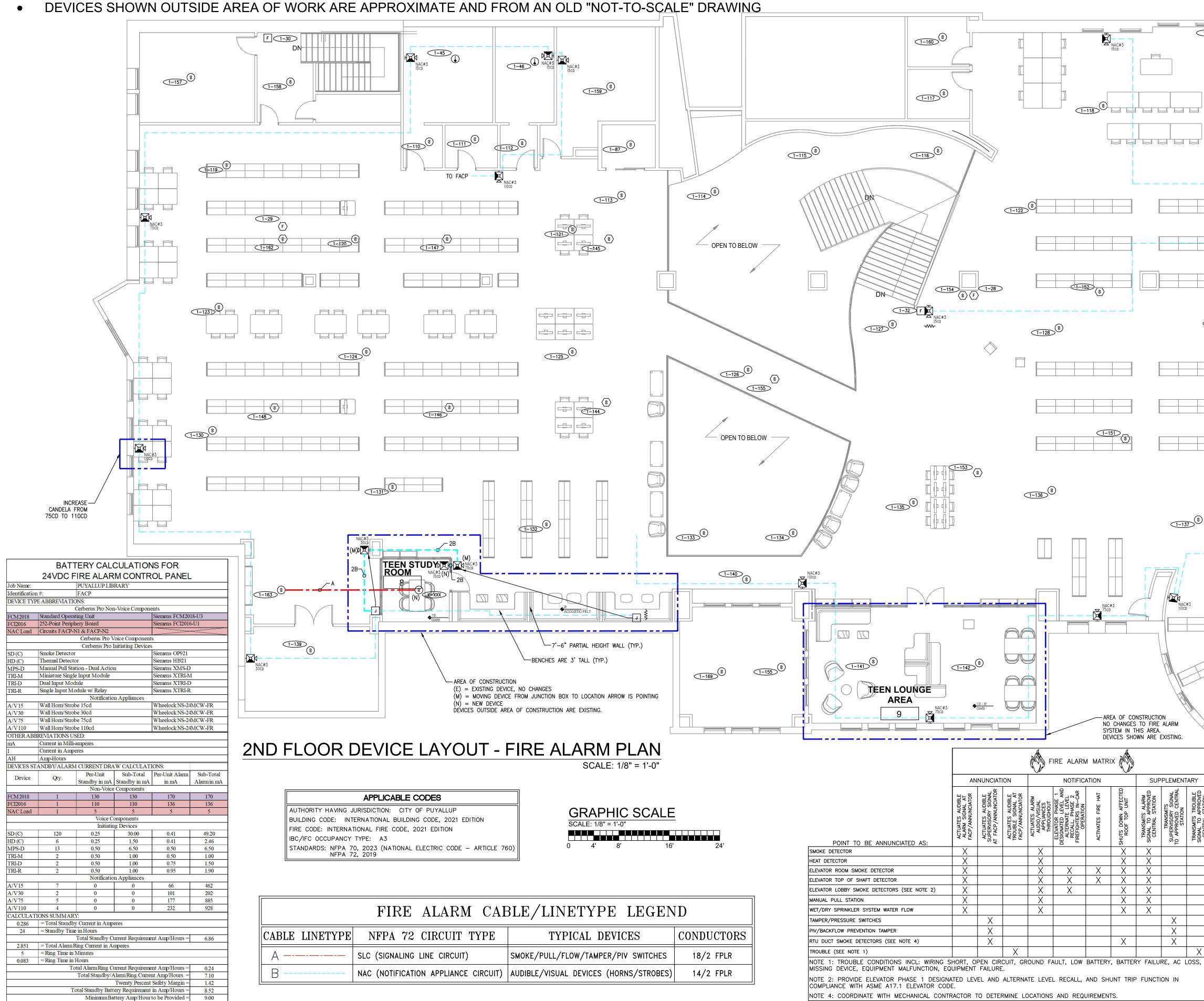
## **PROJECT NARRATIVE:**

- THE LIBRARY IS DOING A SMALL CONSTRUCTION PROJECT. ADDING/ADJUSTING DETECTION AND NOTIFICATION DEVICES IN THE AREAS OF CONSTRUCTION TO MEET CODE.
- MOVING 2 HORN/STROBES
- **INSTALLING 1 NEW HORN/STROBE** •
- UPDATING CANDELA SETTING ON 1 EXISTING HORN/STROBE
- **INSTALLING 1 NEW SMOKE DETECTOR**  $\bullet$
- CALCS AND VOLTAGE DROP TO BE VERIFIED IN THE FIELD. •



FIRE ALARM LEGEND													
SYMBOL	EQUIPMENT	MANUFACTURER	PART NUMBER	BACKBOX	RING	MT. HEIGHT	NEW QTY.						
FACP	FIRE ALARM CONTROL PANEL (EXISTING)	SIEMENS	FC922	EXISTING	N/A	EXISTING							
(2)	SMOKE DETECTOR	SIEMENS	OP921/DB-11	4/SQ.	1-GANG	CEILING	1						
H	HORN/STROBE	WHEELOCK	NS-24MCW-FR	4/SQ.	1–GANG	80" TO BOTTOM	1						

				City of Puy Fire REVIEW	F	PLANS AND	VED CONSTI ALL ENGINE DSTED ON TH	ERING	
		8		FOR COMPLIA	A	ALL INSPEC	TIONS IN A V CCESSIBLE LO	ISIBLE AND	2
				DDrak 05/02/202 2:06:15 P	25 / A M a C C A C A C A C A C A C A C A C A C A	opproval of o office or non opplicable re The contrac oure that the	submitted pla omissions or o compliance v gulations of lo tor is respons building com uilding codes a vernment.	oversight by vith any ocal governa ible for ma oplies with a	y this ment. king all
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SIGNAL TO APPROVED CENTRAL STATION		Job Name:		FICATIO		ANCE CI			
ENTRAL 5		Formula	R=V/I Wall Horn/St	Notifi	cation Applia	nces	Red; W=White	Qty.	
Sic N		Device: Device: Device:	Wall Hom/St Wall Hom/St	robe 30cd robe 75cd	Wheelock NS Wheelock NS	S-24MCW-FR S-24MCW-FR	Current Each: 0 Current Each: 0	.066 A 7   .101 A 2   .177 A 5	
		Device: Wire:		(NAC Circuits)	)		1000' per NEC	232 A 4	
		Wire: Wire:	14A wg Solid 16A wg (ADA			4.890hms per	1000' per NEC 1000' per NEC		
		Circuit #	Length*2	Wire Resistance	nce per Notific Nominal Voltage	Current on Circuit	Resistance ' from Device	Fotal Resist. on Circuit	
		FACP-N3 FACP-N4	920 1128	2.824 3.463	20.40 20.40	1.284 1.193	0.063 0.058	2.887 3.521	
X s,		Vdrop=I * R		ns: Voltage is Voltage Drop j		Entire Load Is n Appliance C			
5,		Circuit #	Current on Circuit	Total Resist. on Circuit	Voltage Loss	Final Voltage	Circuit Within Device Operatin Range 16-33 VI	ng Gauge	
		FACP-N3 FACP-N4	1.284 1.193	2.887 3.521	3.71 4.20	16.69 16.20	Yes Yes	14A wg14A wg	

