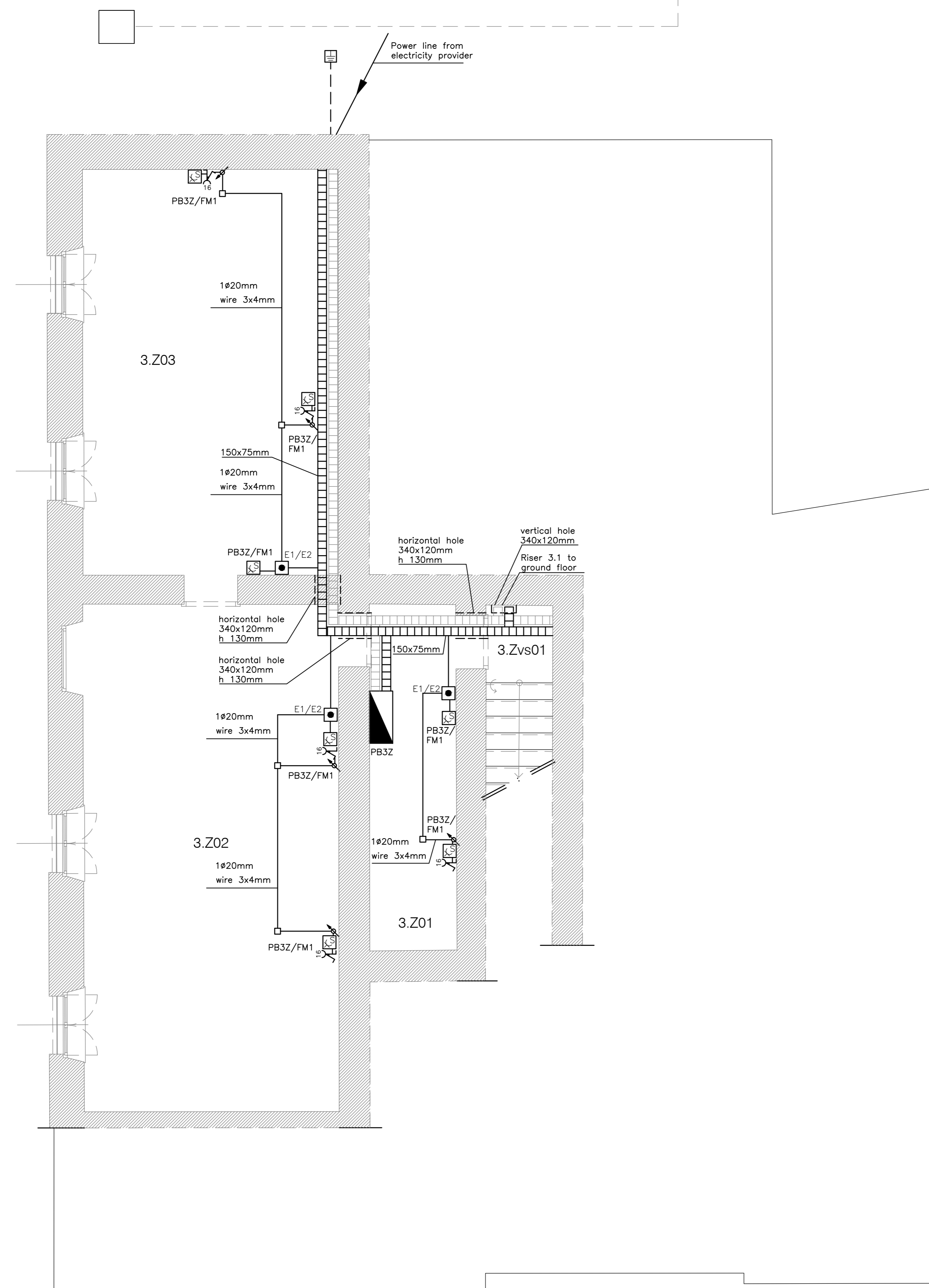
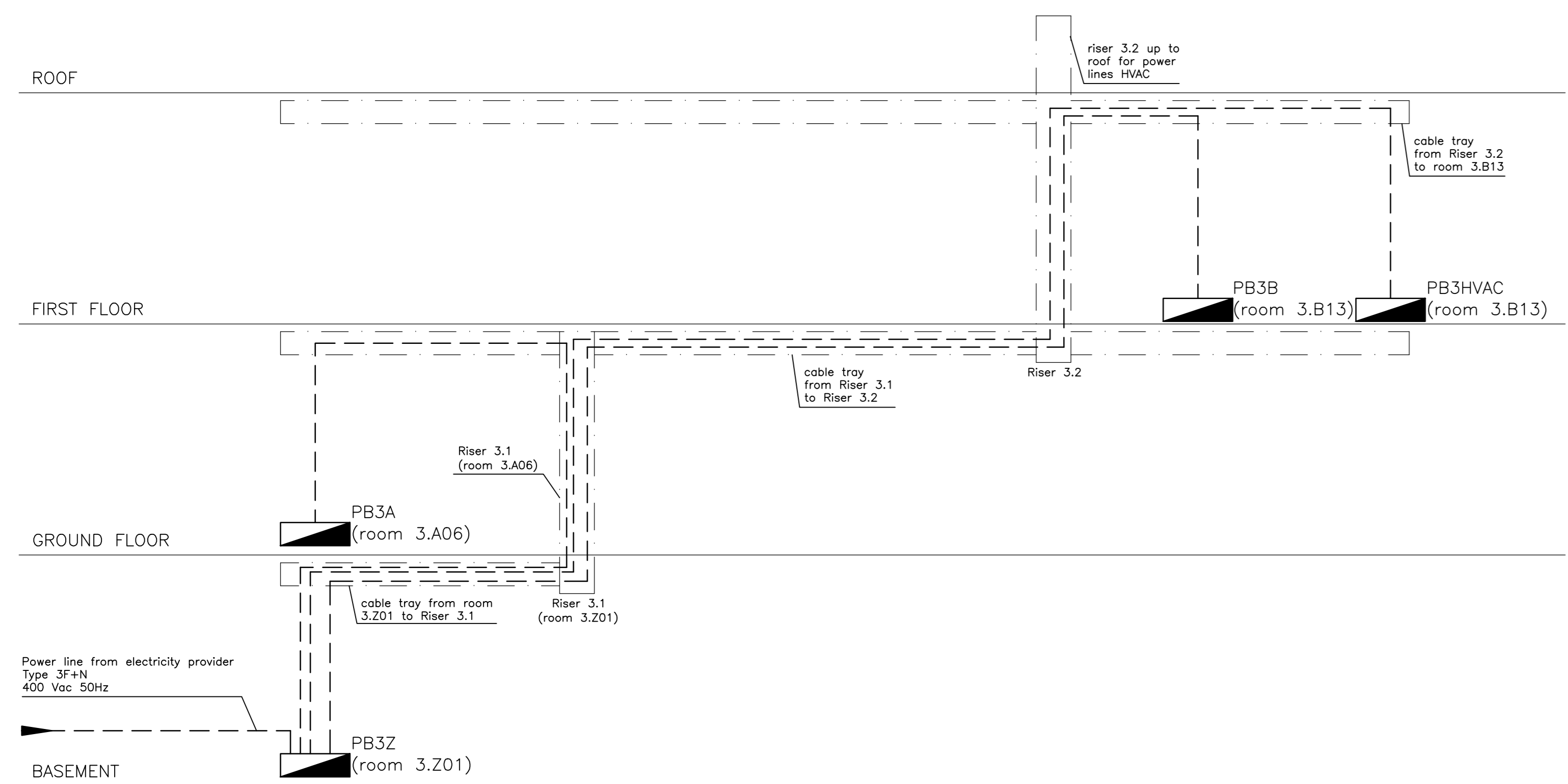


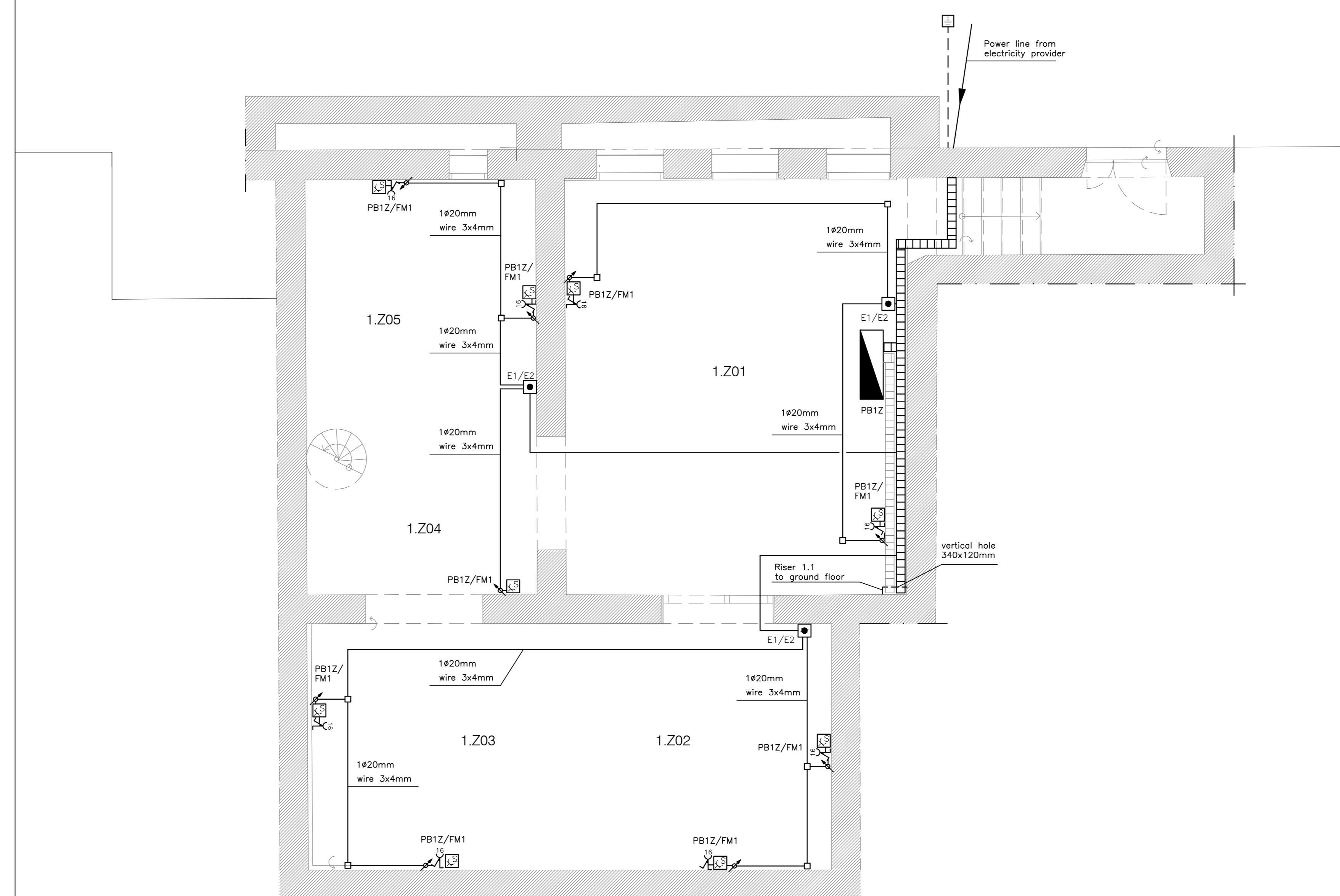
**BUILDING 3**



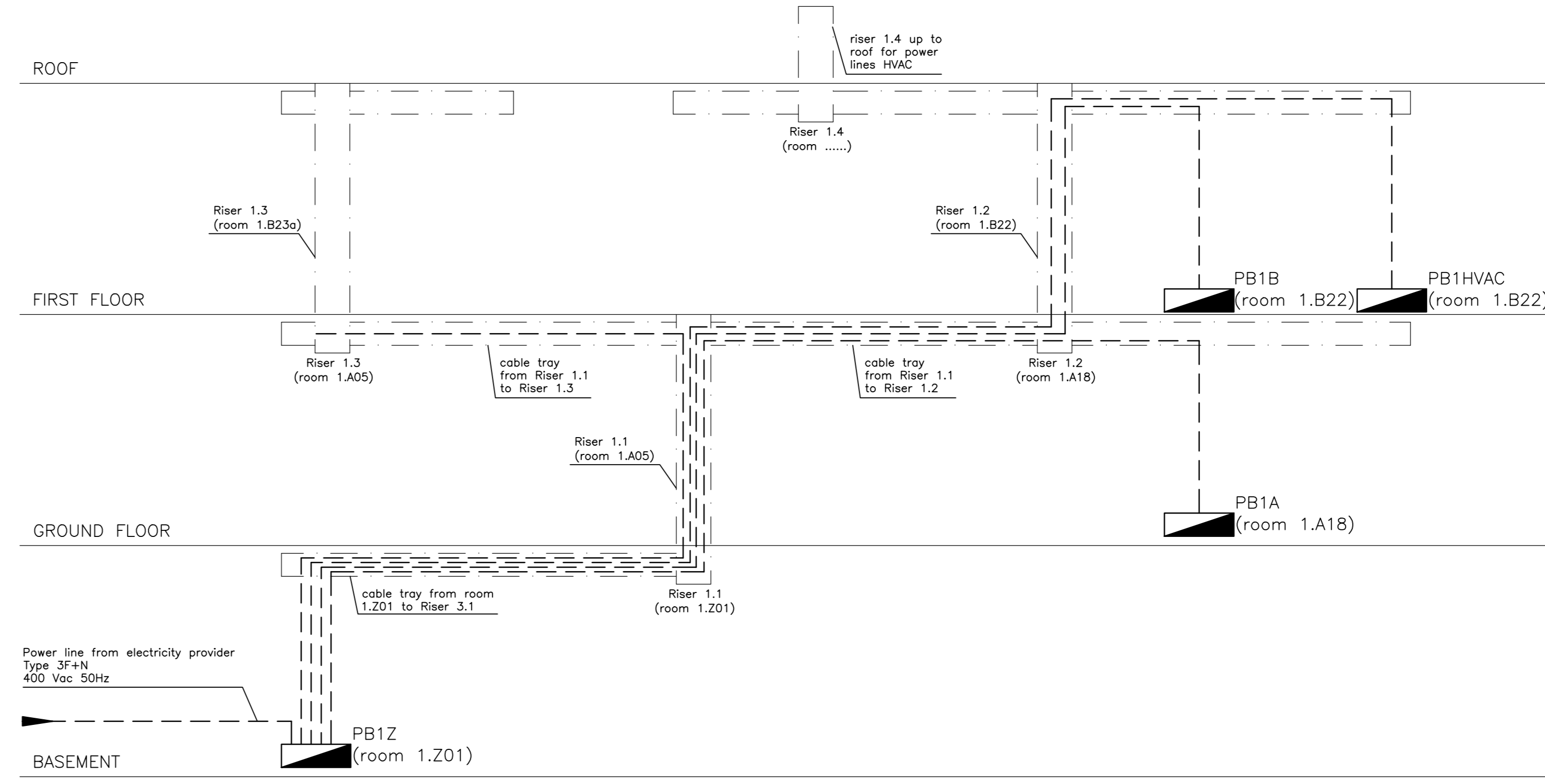
WIRING DIAGRAM – POWER LINE CONNETING PANELBOARDS BUILDING 3



**BUILDING 1**



WIRING DIAGRAM – POWER LINE CONNETING PANELBOARDS BUILDING 1



**LEGEND**

	Panelboard
	Generic socket outlet with one socket 2P+E 10/16A 250Vac Italian standard flush mounting wall, above 30cm the floor
	Socket outlet for working desk with two socket 2P+E 10/16A german & Italian standard and two socket 2P+E 10/16A flush mounting wall, above 30cm the floor
	Water proof socket outlet with one socket 2P+E 10/16A 250Vac Italian standard flush mounting wall, above 30cm the floor
	Junction box for electrical towel with 1-way switch 16A and one cable outlet flush mounting wall, above 120cm the floor
	Interlocked socket outlet type CEE 2P+E 16A 220Vac flush mounting wall, above 90cm the floor
	Solid copper rod for electrical earth connection
	Galvanized steel cable tray for protecting, supporting and transporting of power cables
	Flush mounting junction box for lighting system and sockets
	Flexible PVC conduit, flush mounting wall or floor
	PVC conduit, surface mounting on the wall or under the ceiling
	Ascent or descent PVC conduit
	Typical horizontal hole for cable tray passage. X: Width Y: Height H: Distance between upper level of the hole and the ceiling

**CATHEDRAL OF BENGHAZI  
BENGHAZI, LIBIA**



Architectural, electric and mechanical systems project

Architect in charge and team coordinator: Arch. Carlo Formichi



DRAWING **ES2.03** **WORKING DESIGN ELECTRICAL PATTERNS BUILDING 1 AND BUILDING 3**  
SCALE 1:50  
DATE: May 2009  
UPDATING:

**SOCKETS SYSTEM AND ALIMENTATION PANELBOARDS SYSTEM BASEMENT**