

WIRING DIAGRAMS

Address:

Owner:

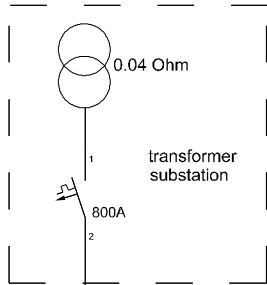
Contractor:

Designer:

Director:

CONTENT

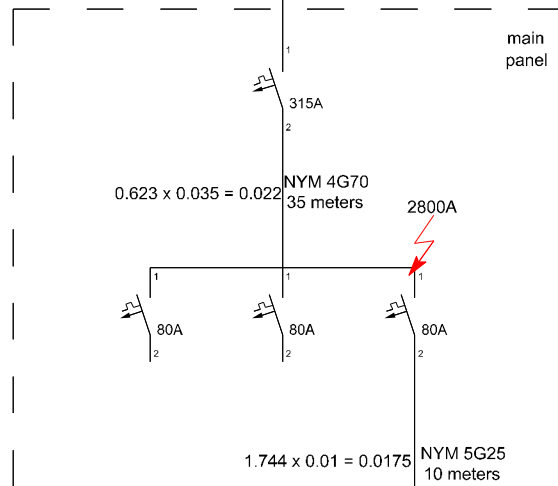
Main page.....	1
Content.....	2
Fuse box.....	3
Short circuit calculus.....	4
Building plant of circuit 1.....	5
Building plant of circuit 2.....	6
Building plant of circuit 3.....	7
Building plant of circuit 4.....	8
Building plant of circuit 5.....	9
Building plant of circuit 6.....	10
Building plant of circuit 7.....	11
Building plant of circuit 8.....	12
Building plant of circuit 9.....	13
Materials.....	14



AXPR 4G240
250 meters

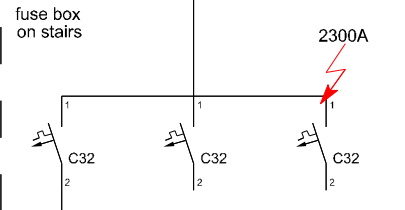
$0.25 \times 0.25 = 0.063$

3800A



$0.623 \times 0.035 = 0.022$

$1.744 \times 0.01 = 0.0175$



$7.26 \times 0.007 = 0.051$

$10.9 \times 0.01 = 0.01$
NYM-J 3G4
10 meters

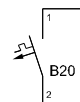
750A

$17.37 \times 0.04 = 0.7$
NYM-J 3G2.5
40 meters

260A

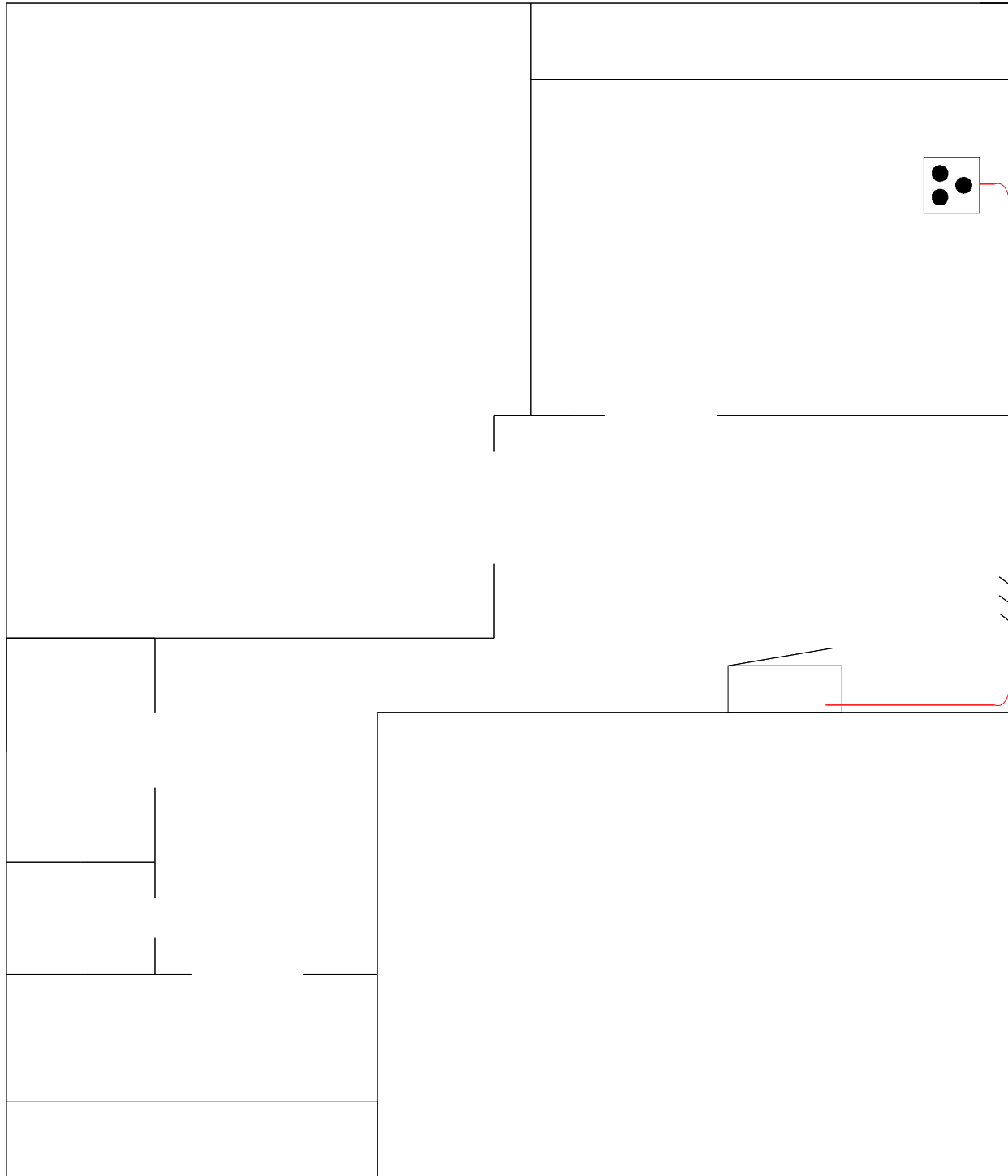
$17.37 \times 0.04 = 1.16$
NYM-J 3G1.5
40 meters

170A

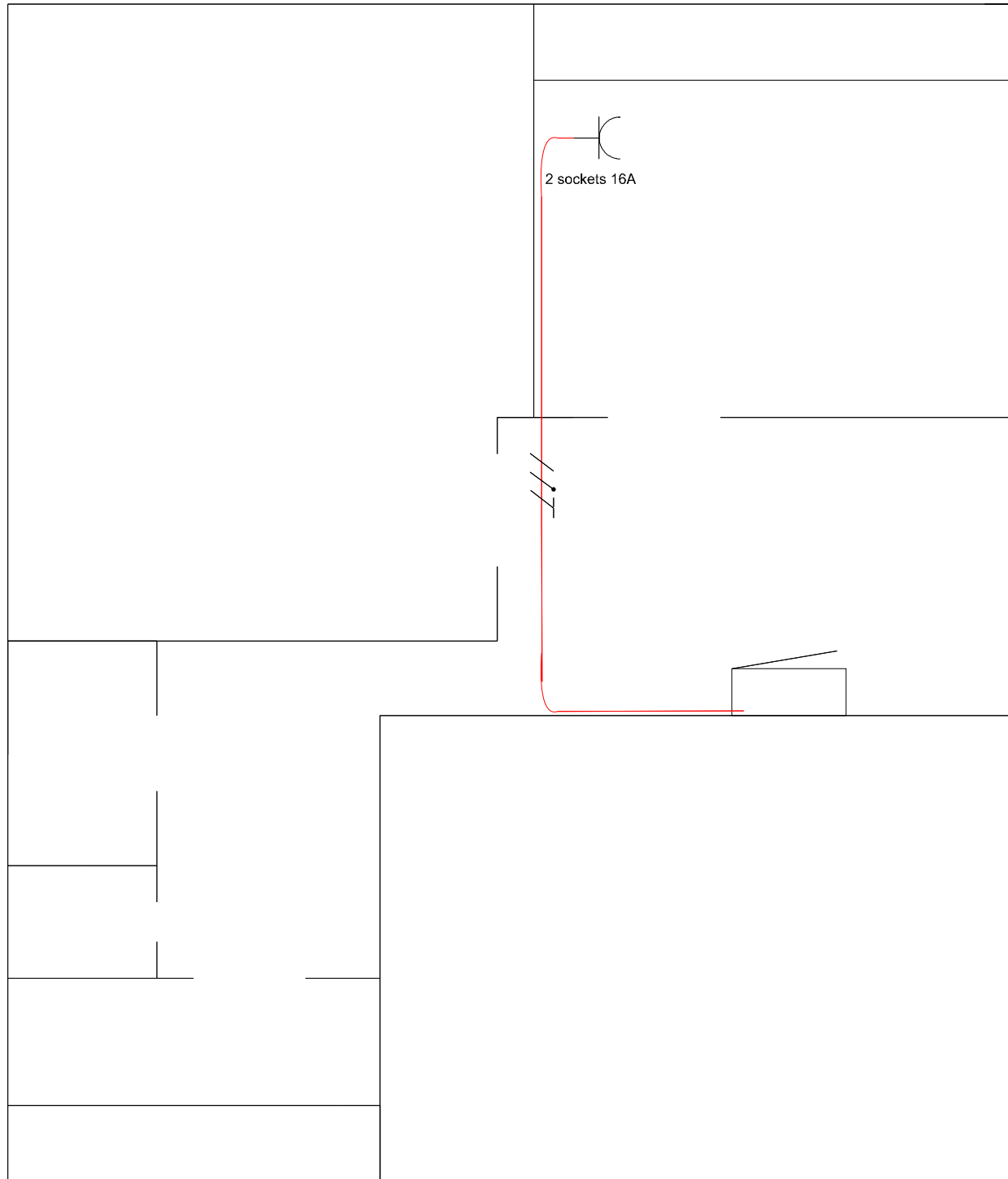


1260A

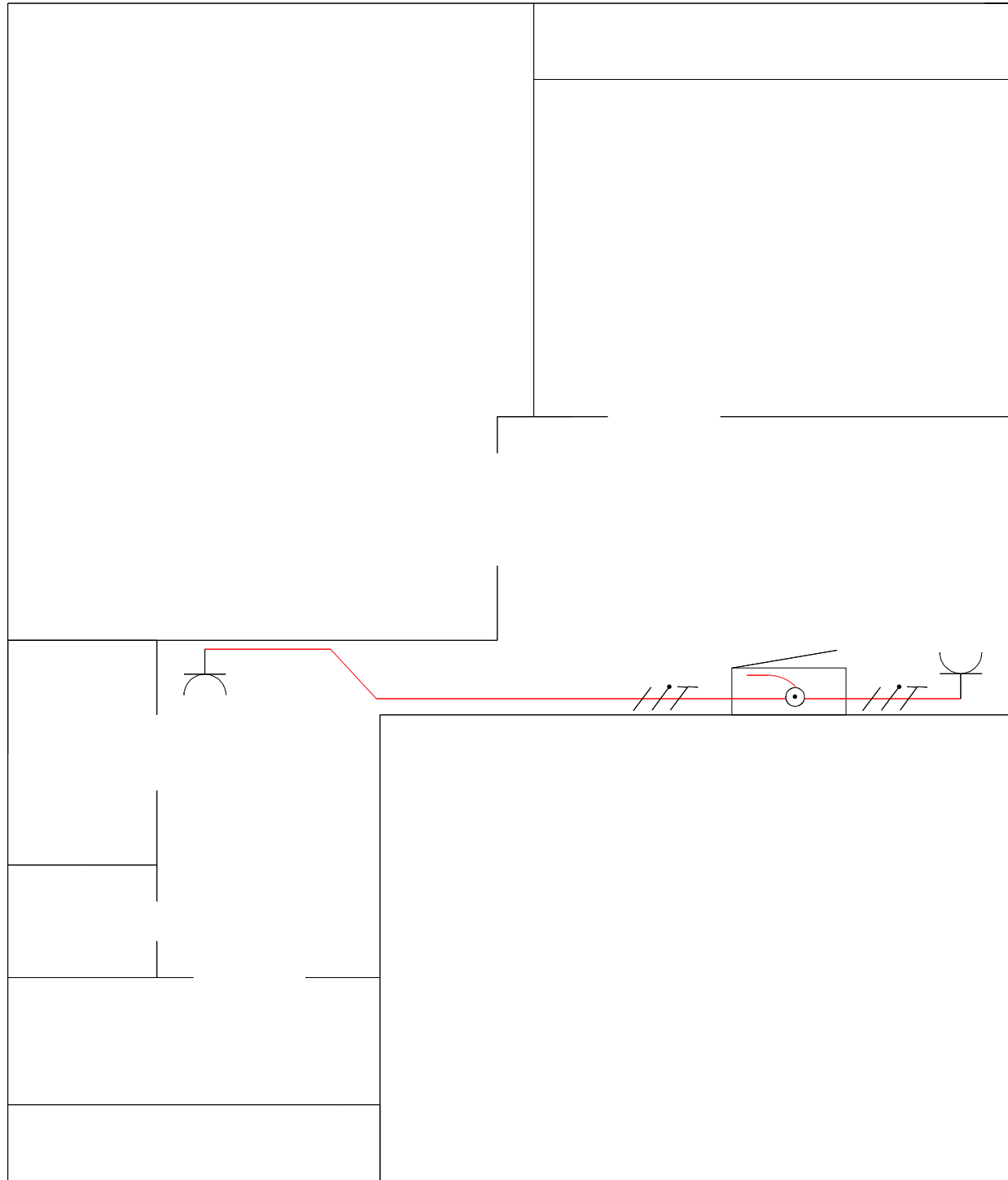
Circuit №1



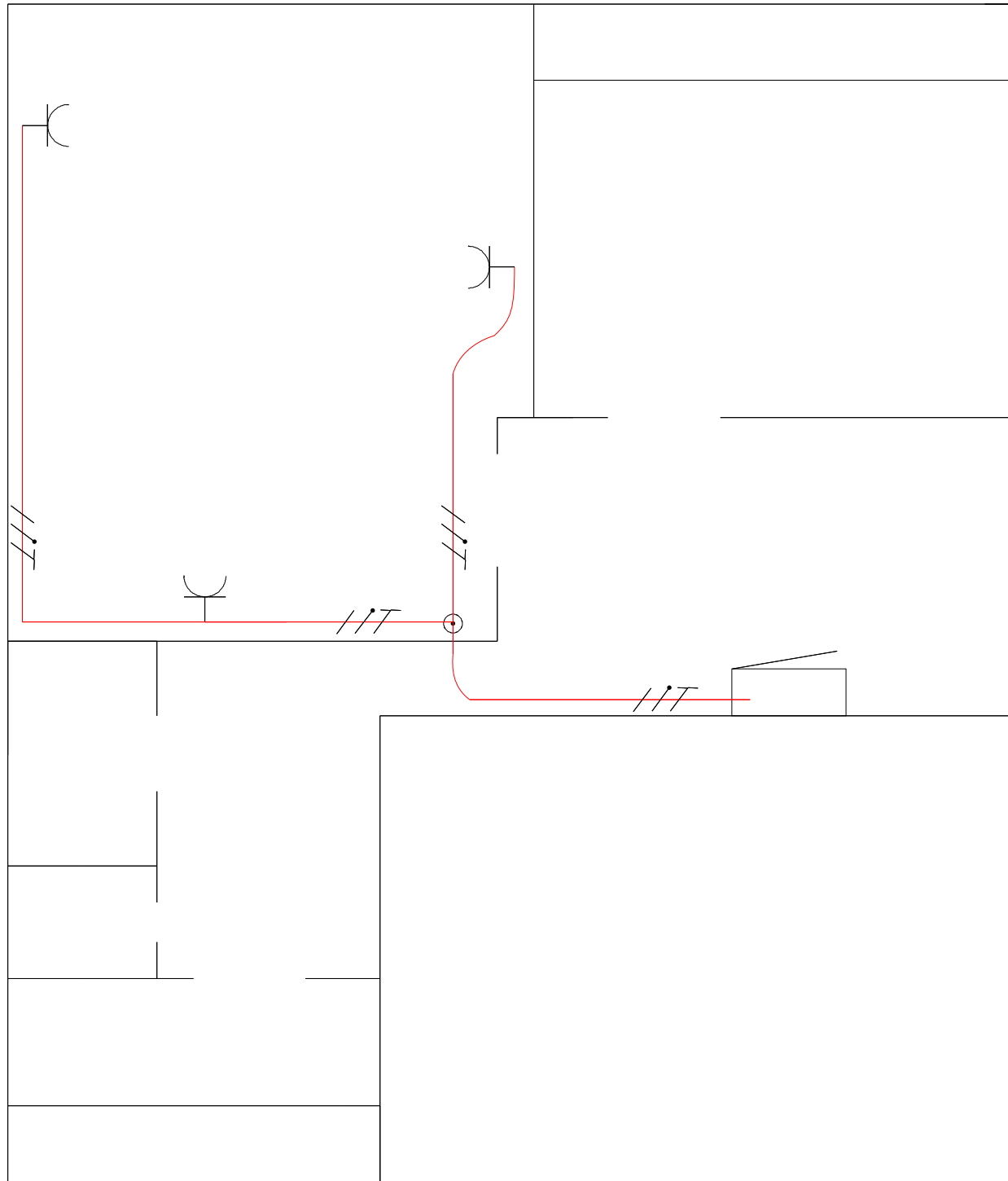
Circuit №3



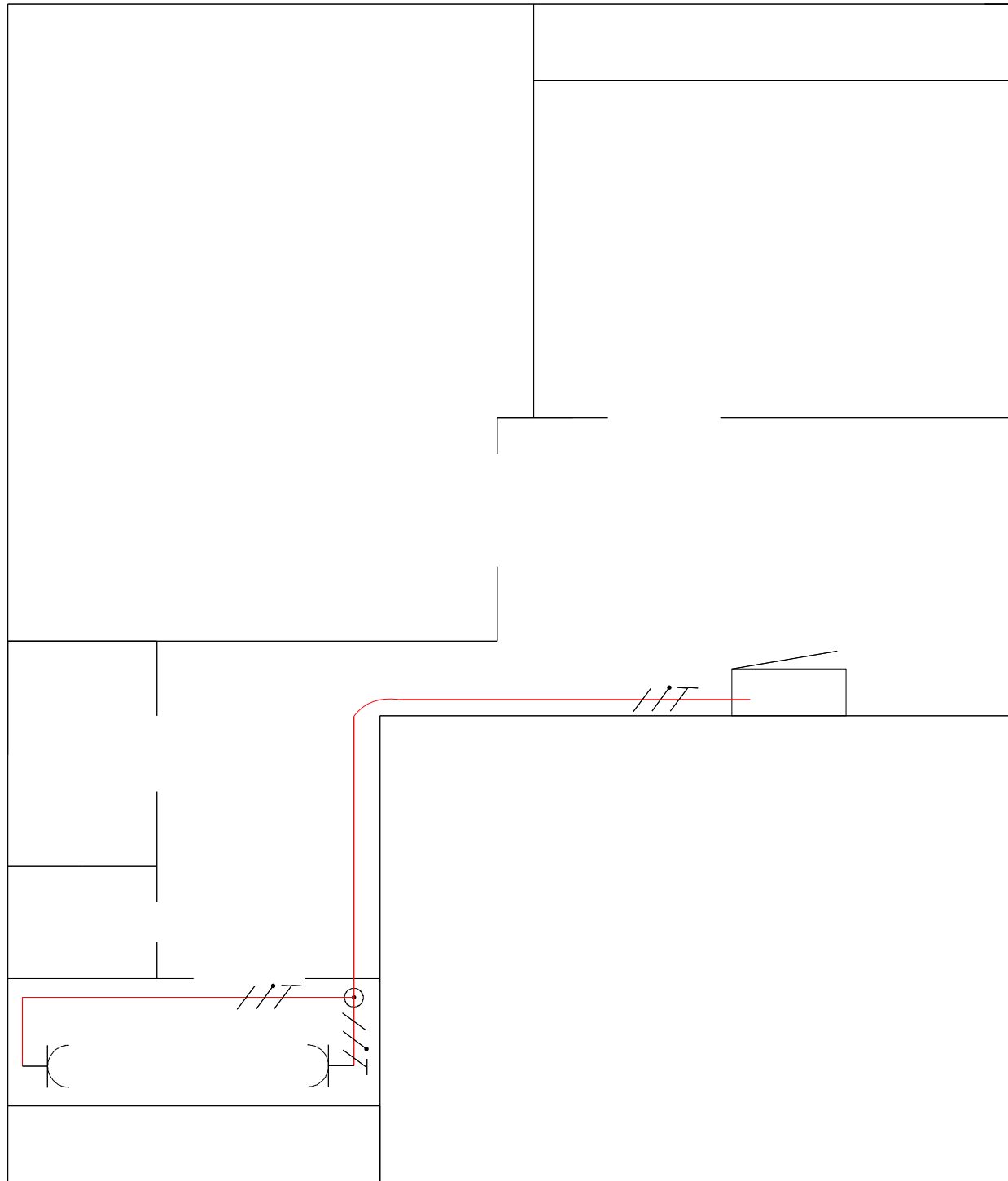
Circuit №4



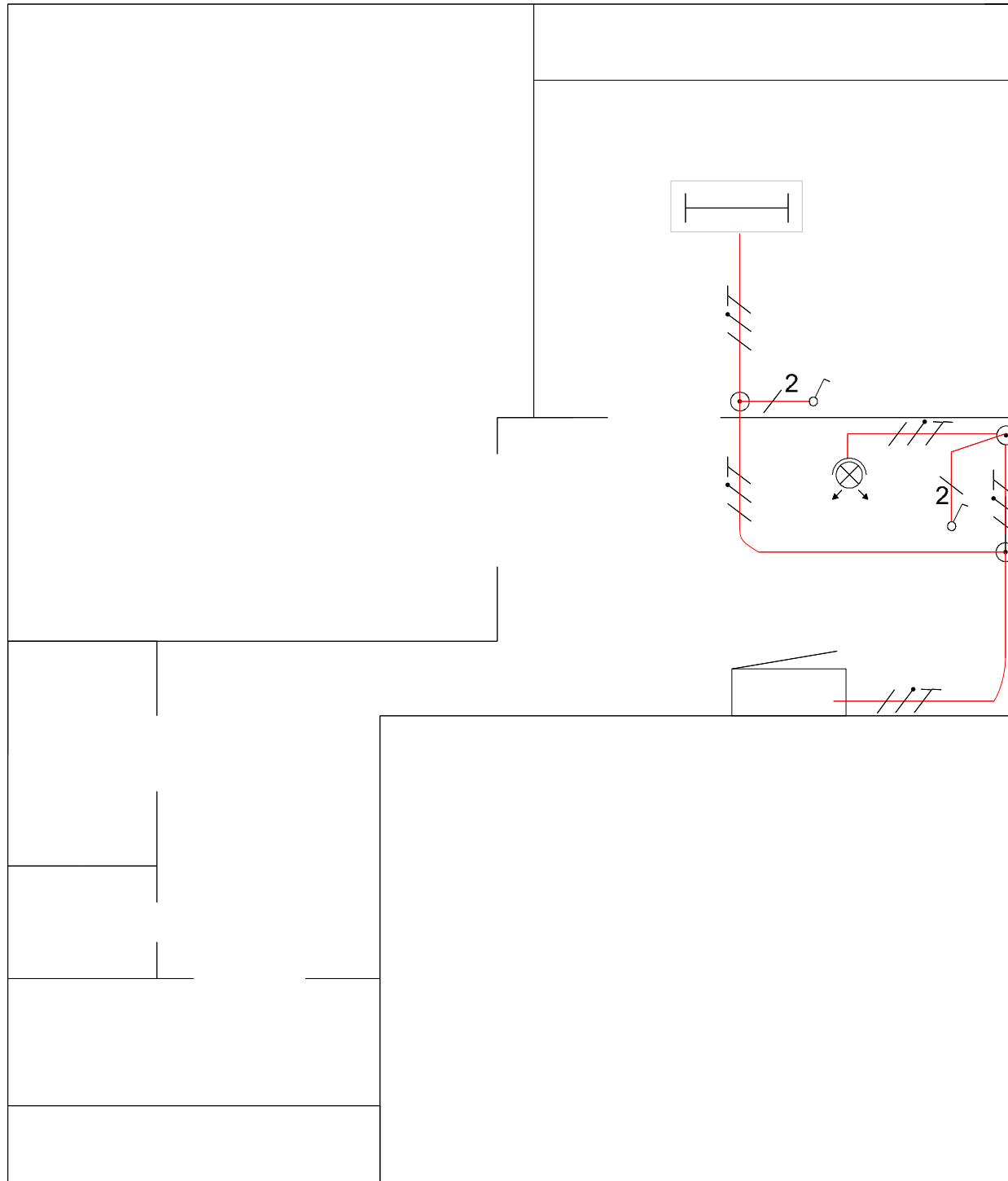
Circuit №5



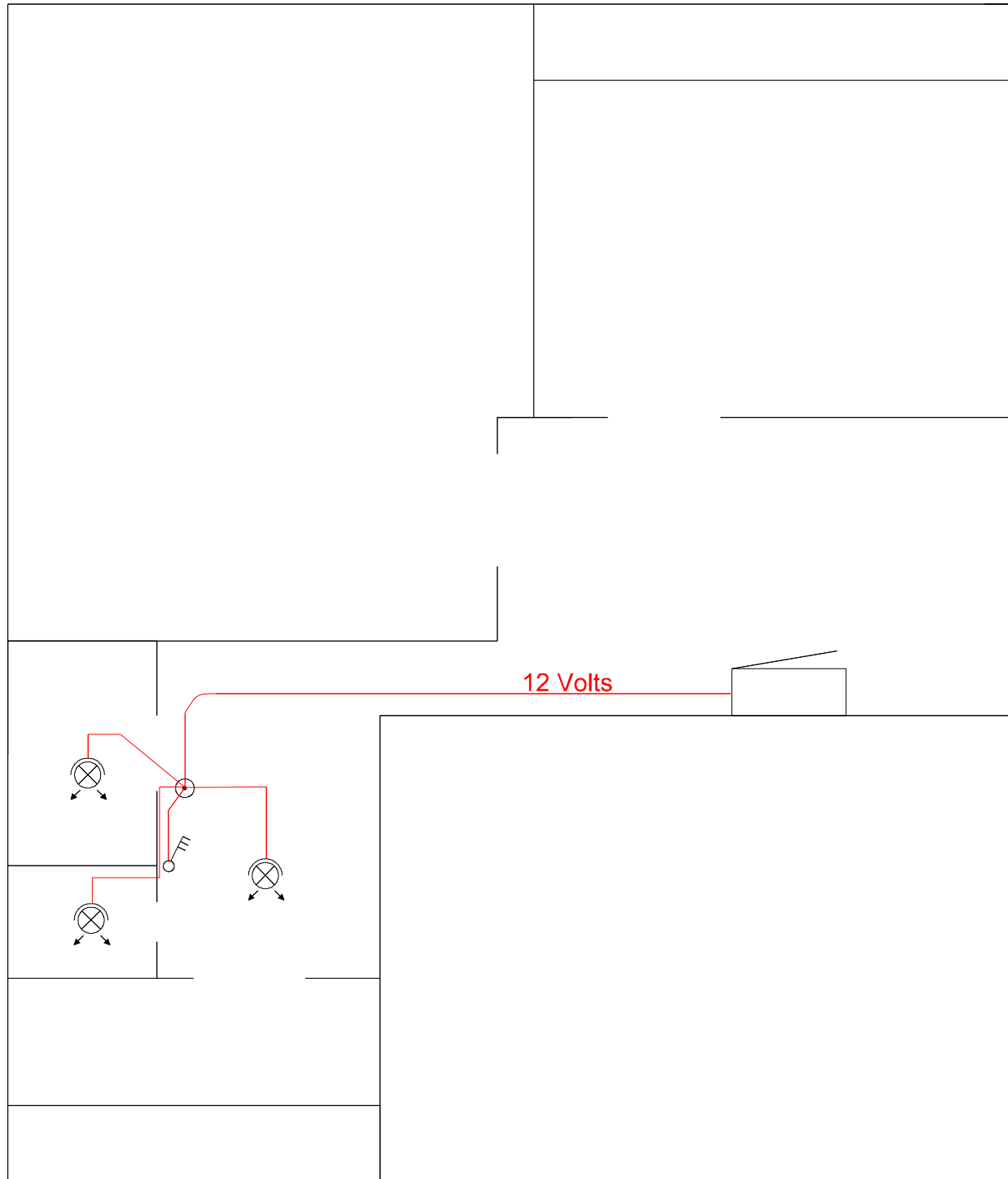
Circuit №6



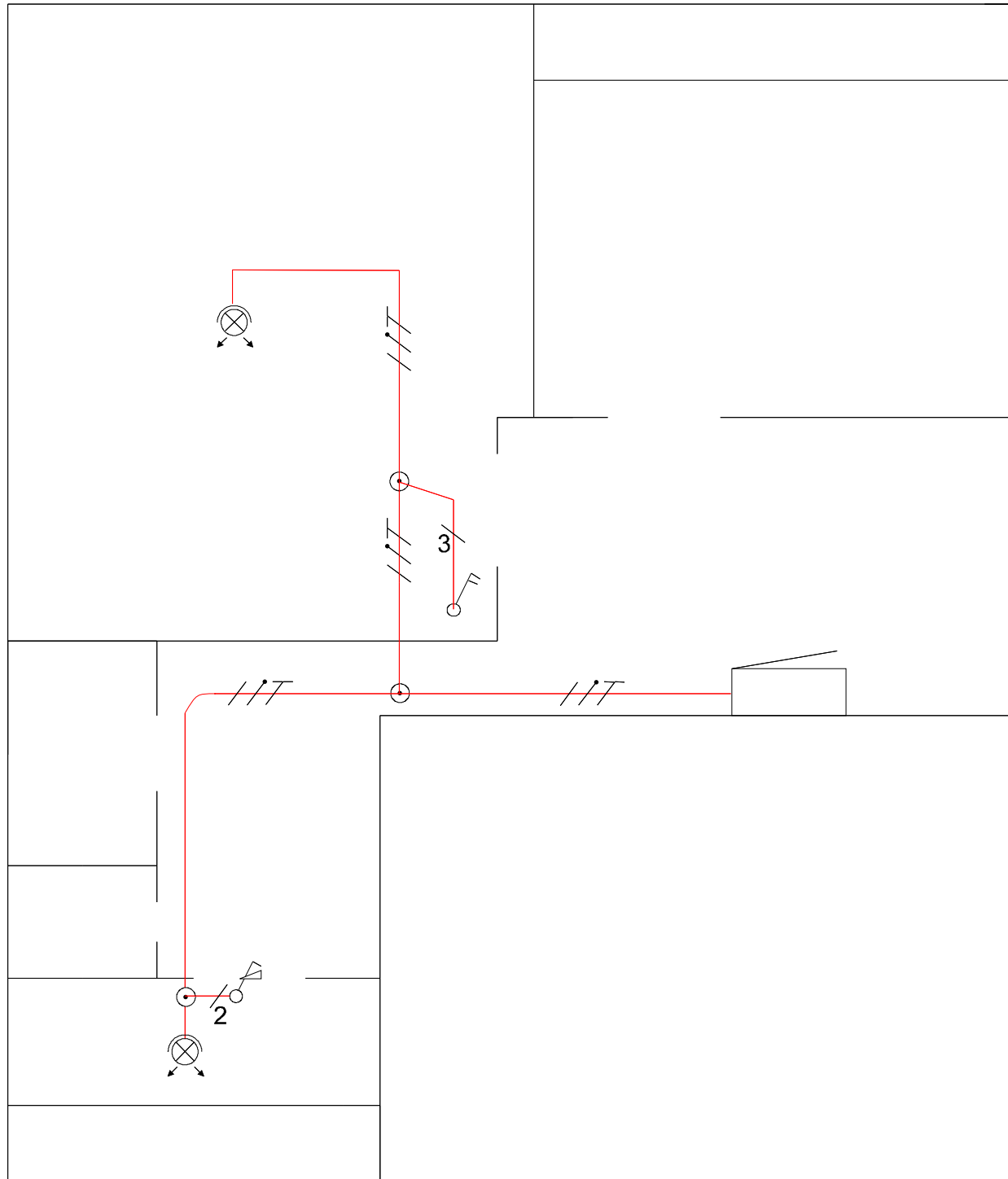
Circuit №6



Circuit №8



Circuit №8



MATERIALS

Fuse box 24M with DIN rail.....	1
Load switch 1P40A.....	1
RCD 30mA for DIN rail 2P40A.....	2
Circuit breaker for DIN rail B20A, 1P.....	1
Circuit breaker for DIN rail B16A, 1P.....	7
Circuit breaker for DIN rail B4A, 1P.....	3
Busbar FORK 1P 10mm.....	12M
Busbar N/PE for DIN rail.....	1
Busbar 2N for DIN rail.....	1
Transformer for DIN rail 230VAC to 12VAC....	1
Cable NYM 3G6.....	10 meters
Cable NYM-J 3G4.....	10 meters
Cable NYM-J 3G2.5.....	250 meters
Cable NYM 3G1.....	100 meters
Flexible conduit.....	*by installation
Junction boxes.....	~15
Socket 1P20A.....	1
Socket 16A1P IP44.....	5
Socket 16A1P IP20.....	10
Light switch 1-way.....	2
Light switch 2-way.....	1
Light switch 3-way.....	1
Light switch with built-in dimmer.....	1
Light fixtures.....	*by owner's wishes
Work.....	40 hours