

The diagram illustrates the internal wiring of a low-voltage distribution board (TG) with the following components and connections:

- Input and Main Bus:** The main supply enters from the left via a 4x16 mm² PVC cable (YL 4x16 mm² w pvc w/t) connected to the main busbar (Ls).
- Internal Components:**
 - PE Bar:** A green PE bar is connected to the main busbar via a 4xWO280/15 terminal block.
 - Neutral Bar:** A blue N bar is connected to the main busbar via a terminal block.
 - Grounding:** The PE bar is grounded through a terminal block with a resistance $R < 30 \text{ omów}$.
 - Circuit Breakers:** Several circuit breakers are shown, including S191, C16A, S191, B16A, S191, B 16A, S191, B 6A, S191, B 6A, and S193, B16A.
 - Terminals:** Various terminals are labeled, such as P304/25A/0,03A, S193, C32A, and Ls1, Ls2, Ls3.
- External Connections:**
 - YDY 3x4 mm² w listwie n/t, (w rurce w/t):** A red cable connection to the right, labeled "zapas kabla do przyl. tabliczki rozd. windy".
 - YDY 3x2,5 mm²:** Two connections to the right.
 - YDY 4x1,5 mm²:** A connection to the right.
 - YDY 3x1,5 mm²:** Two connections to the right, one labeled "oprawy LED zewn. z czujnikiem ruchu" and the other "oprawy LED zewn. na wysięgniku".
 - YDY 5x2,5 mm²:** A connection to the right.
- Labels and Notes:**
 - tablica TG:** The main distribution board.
 - istn. w wejściu:** Existing connection at the entrance.
 - YLY 4x16 mm² w pvc w/t:** The incoming cable.
 - PE:** Protective Earth.
 - N:** Neutral.
 - Ls1, Ls2, Ls3:** Main supply lines.

Obiekt : BUDYNEK URZĘDU GMINY RADZIEJOWICE				
Temat : ZASILANIE WINDY I OŚWIETLENIE WEJŚCIA				
Rys : Schemat Inst. elektrycznych-rzut parteru				
PROJEKTOWAŁ: mgr inż . LECHOŚŁAW PIOTROWSKI UPR. BUD. Nr 82/81 SKIERNIEWICE W ZAKRESIE INST. ELEKTRYCZNYCH CZŁONEK MOIIB NR MAZ/6408/IE/01		ADRES INWESTYCJI RADZIEJOWICE ul. KUBICKIEGO 10 dz. ew. nr 311 i 312	INWESTOR URZĄD GMINY RADZIEJOWICE UL.KUBICKIEGO 10, 96-325 RADZIEJOWICE	
		DATA	10.2021	SKALA
FAZA		BRANŻA	ELEKTRYKA IIE	1:50
PROJEKT TECHNICZNY		<div style="font-size: 48px; font-weight: bold; text-align: center;">E02</div>		