



LEGENDA:

Obszar objęty zakresem opracowania - projekt termomodernizacji szkoły i sali

Obszar poza zakresem niniejszego opracowania - projekt rozbudowy i przebudowy szkoły

Tabela opisująca parametry pomieszczenia

Powierzchnia pomieszczenia	3.2 Klasa lekcyjna	Nazwa pomieszczenia
Temperatura wewnętrzna w okresie letnim	A= 55,30 m ² V= 165,90m ³	Kubatura pomieszczenia
Obciążenie chłodnicze	T _{sp} = - °C T _{wp} = +20°C	Temperatura wewnętrzna w okresie zimowym
Strumień powietrza wentylacji mechanicznej	Q _{sp} = - W Q _{wp} = 1887 W	Obciążenie cieplne
	V _m =540 m ³ /h V _g = - m ³ /h	Strumień powietrza wentylacji mechanicznej

Instalacja centralnego ogrzewania (grzejniki) - zasilanie

15 x 1,0

Instalacja centralnego ogrzewania (grzejniki) - powrót

15 x 1,0

Tabela opisująca parametry grzejnika

Symbol pomieszczenia	1.13_c	1.13	Symbol grzejnika
Obciążenie pom.	Φ=306 W	20 °C	Projektowa temperatura wewnętrzna w pomieszczeniu
Nazwa typu grzejnika	V&N COSMO kompaktowe	520 mm	W&N COSMO kompaktowe
Typ grzejnika	21K/600	520 mm	Wielkość grzejnika
Długość grzejnika	520	600	Głębokość grzejnika
Wysokość grzejnika			

Grzejnik płytowy kompaktowy + zawór termostatyczny + głowica termostatyczna

TRV-2S_p

2.00

DN15 DX (Tmin 16)

Typ zaworu termostatycznego

Wartość nastawy wejściowej na zaworze

Typ głowicy termostatycznej

Srednica zaworu termostatycznego

Instalacja centralnego ogrzewania (ogrzewanie sali gimnastycznej) - zasilanie

DN 20

Instalacja centralnego ogrzewania (ogrzewanie sali gimnastycznej) - powrót

DN 20

Instalacja doprowadzenia czynnika do centrali wentylacyjnej - zasilanie

DN 32

Instalacja doprowadzenia czynnika do centrali wentylacyjnej - powrót

DN 32

Piony instalacji grzewczej

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UWAGI:

- Pomieszczenia: 1.33, 1.35, 1.36, 1.37, 1.38, 1.39, 2.9, 2.10, 2.12, 3.5, 3.6, 3.7, które pierwotnie były projektowane w etapie rozbudowy zostały przeniesione i rozpatrywane w niniejszym etapie termomodernizacji.
- Przewody należy rozprowadzić w izolacji termicznej oraz w sposób umożliwiający redukcję strat ciśnienia i samokompensację przewodów instalacji centralnego ogrzewania
- W najwyższych punktach instalacji zamontować odpowietrzniki automatyczne
- Instalacje c.o. należy zaizolować zgodnie z WT2014
- Projektuje się grzejniki płytowe kompaktowe z zasilaniem bocznym w kolorze białym - standard. W przypadku decyzji inwestora o zmianie grzejników na inny kolor, należy skonsultować to z biurem architektonicznym.
- Przywołane nazwy urządzeń należy traktować jako określenie standardu wykonania i parametrów techniczno-użytkowych. Dopuszcza się montaż innych urządzeń pod warunkiem dotrzymania parametrów.
- Rysunek rozpatrywać łącznie z rysunkami architektonicznymi, konstrukcyjnymi, branżowymi oraz opisem technicznym. Wszelkie zmiany w projekcie skonsultować z projektantem.

WOWIE STUDIO

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rysunek: CO-04

skala: 1:100

Nazwa projektu: PROJEKT BUDOWLANY INSTALACJI SANITARNYCH TERMOMODERNIZACJA BUDYNKU SZKOŁY I SALI GIMNASTYCZNEJ ZESPOŁU SZKÓŁ NR 6 W POZNANIU

adres: ul. Szczepankowo 72a, 61-306 Poznań, działka: 1/18

inwestor: Zespół Szkół Nr 6, adres: ul. Szczepankowo 72a, 61-306 Poznań

rysunek: RZUT 2 PIĘTRA - INSTALACJA GRZEWICZA

projektował: mgr inż. Tomasz Rostecki upr. nr 7131/64/P/2002

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Wszelkie prawa zastrzeżone WOWIE STUDIO PLUS

data: 30.06.2016