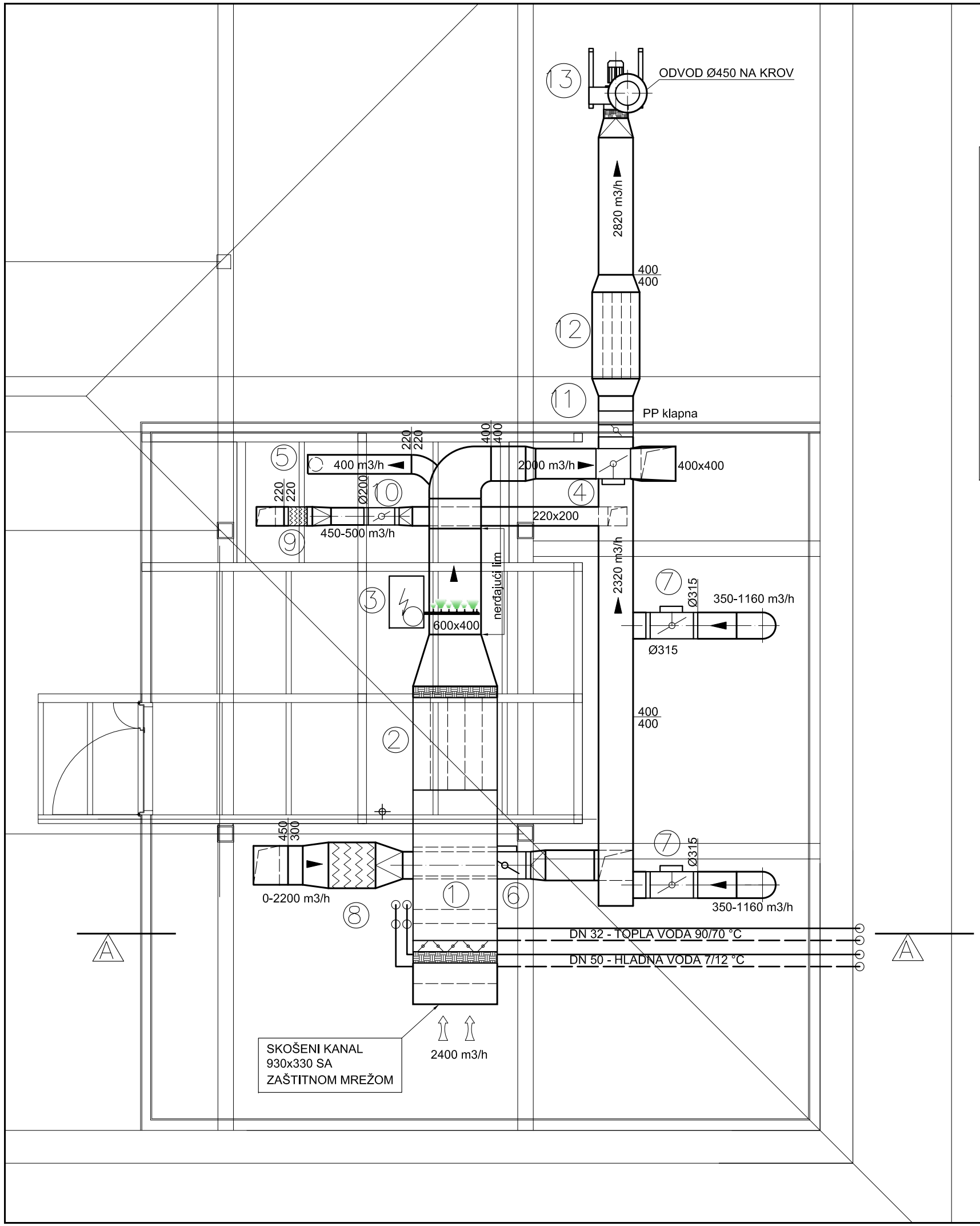


NAPOMENE / NOTICE:

1. Odsisni kanali i regulatori protoka su od nerđajućeg čeličnog lima debljine 1,0 mm sa spojevima u zavarenoj izvedbi, a tlačni kanali i regulatori protoka su od pocinčanog lima debljine 0,6 mm sa prirubničkim spojevima, osim dijela kanala gdje se ugrađuje ovlaživač koji je od nerđajućeg čeličnog lima (l=1000 mm)
   Exhaust ducts and flow regulators are made of stainless steel thick 1 mm, with welded joints
   Pressured ducts and flow regulators are made of galvanized steel (G90) thick 0,6 mm, with joining segments, except the part of the duct for assembly of vapor moisturizer made of stainless steel.
2. Kanal svježeg vazduha u strojarnici izolirati paronepropusnom izolacijom u ploči debljine 19 mm
   Duct for fresh air in machinery room with vapour impermeable thermal insulation thickness 19 mm
3. cijevi tople vode za grijač klima komore od prostora strojarnice do podstanice, kao i priključak u podstanici nisu predmet projekta
   Hot water pipes for air handling unit's heater from machinery room to sub station, as well as connection in sub station are not the part of the design
4. Horizontalno rastojanje otvora za dovod i odvod vazduha je min 12 m
   Horizontal distance between point for the in and out air handling is 12 m minimum

## LEGENDA:

1. KLIMA KOMORA / AIR HANDLING UNIT; V=2400 m3/h, Qg=39 kW, Qh=20 kW
2. PRIGUŠIVAČ BUKE / SOUND ATTENUATOR; L=1000 mm (with AHU)
3. ELEKTRO PARNI OVLAŽIVAČ / ELECTRO VAPOR MOISTURIZER; G=16 kg/h
4. REGULATOR KONSTANTNOG PROTOKA / CONSTANT FLOW REGULATOR; VAV-A-S 357x357
5. REGULATOR KONSTANTNOG PROTOKA / CONSTANT FLOW REGULATOR; VAV-A-S Ø160
6. ELEKTROMOTORNA ZAKLOPKA / CHECK VALVE WITH ELECTRICAL ENGINE DRIVE; DA-315-V SA T< 3 SEC
7. REGULATOR KONSTANTNOG PROTOKA / CONSTANT FLOW REGULATOR; VAV-A-V Ø315
8. HEPA FILTER KLASA 14, V= 2200 m3/h, dP<250 Pa
9. HEPA FILTER KLASA 14, V=500 m3/h, Dp<250 Pa
10. ELEKTROMOTORNA ZAKLOPKA / CHECK VALVE WITH ELECTRICAL ENGINE DRIVE; DA-200-S, T<3 sec
11. PP KLAPNA / FIRE-FIGHTING FLAP; STF 450X450
12. PRIGUŠIVAČ BUKE / SOUND ATTENUATOR; SLL - 600X500X1000
13. VENTILATOR KBR -315 DZ, V=2800 m3/h,H=700 Pa
14. SIGURNOSNI KABINET BSC B2, V=1160 m3/h
15. RASHLADNI AGREGAT / COOLING GENERATOR; AN-A 0907, Qh=20 kW
16. STROPNI DIFUZOR / CEILING DIFFUSER; DT-250/PS7/SF
17. ODISISNA REŠETKA / EXHAUST GRILLE; BMQ-400x300/SC
18. STROPNI DIFUZOR / CEILING DIFFUSER; DT-125/PS7/SF
19. ODISISNA REŠETKA / EXHAUST GRILLE; BMQ-200x150/SC
20. VENTILATOR M 15/6" SA ZAŠTITNOM REŠETKOM / WITH PROTECTION GRILLE


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PROJEKAT / PROJECT:
BSL 3 laboratorij
BSL 3 Laboratory
UKC Tuzla

INVESTITOR / CONTRACTING AUTHORITY:
European Community
European Commission for
Bosnia and Herzegovina

Odgovorni projektant / Designed By:
Pavo Čavar, mech.engineer
Damir Čavar, mech.engineer

Tehnička kontrola / Checked By:
Refik Pirić, mech.engineer

SADRŽAJ LISTA / TITLE OF THE DRAWING:
HVAC INSTALLATION IN THE ATTIC

| Faza / Phase: | Šifra projekta/ID number: |
|---|---|
| HVAC | 57 - 12 / 08 - b |

Datum / Date: March 2009

Mjerilo / Scale: 1 : 50

List broj / Drawing No: M - 002