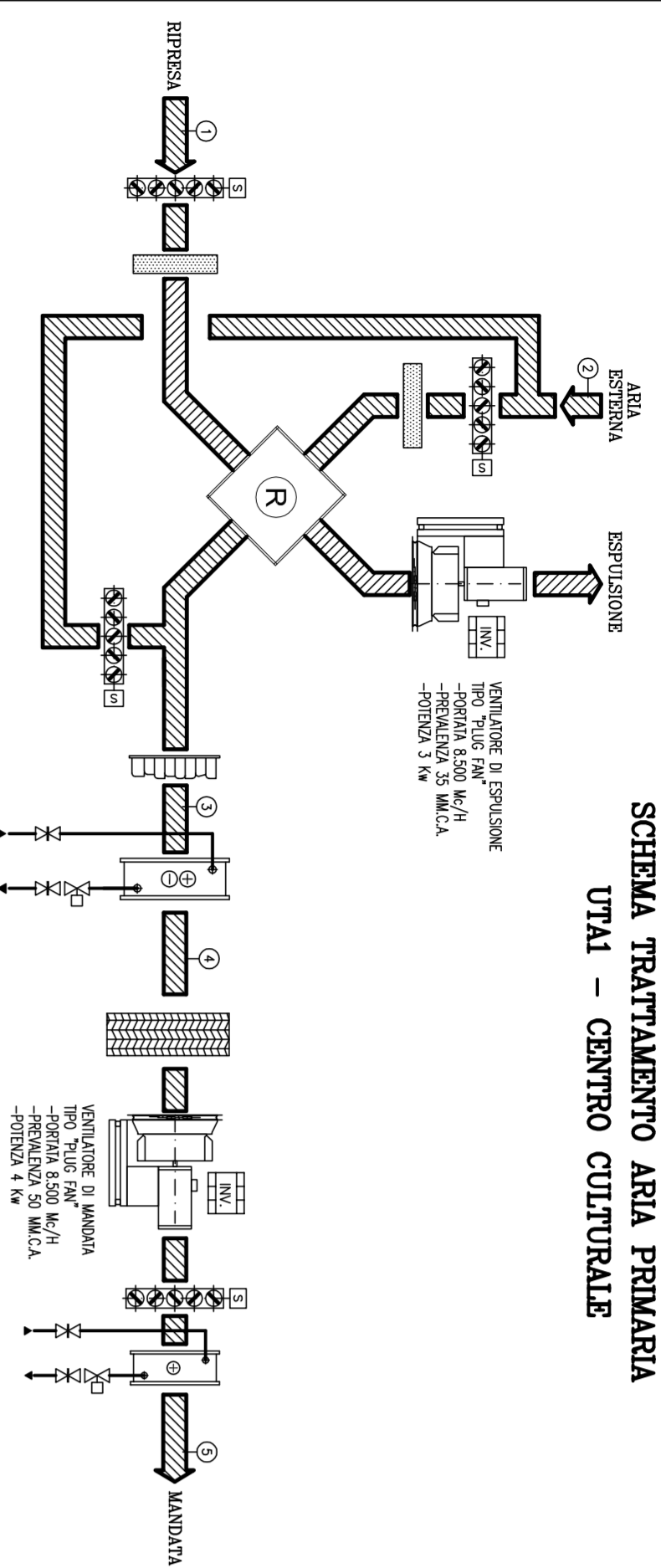
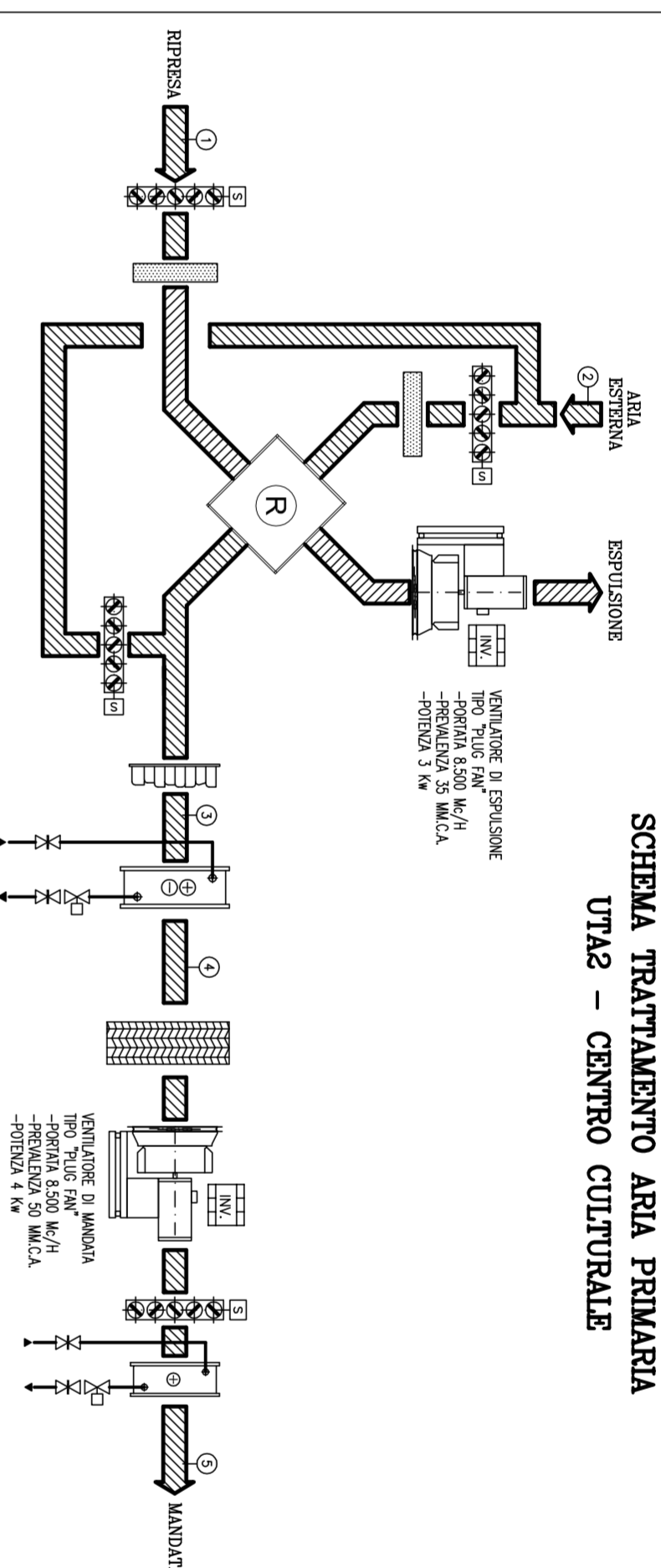


**SCHEMA TRATTAMENTO ARIA PRIMARIA  
UTA1 – CENTRO CULTURALE**



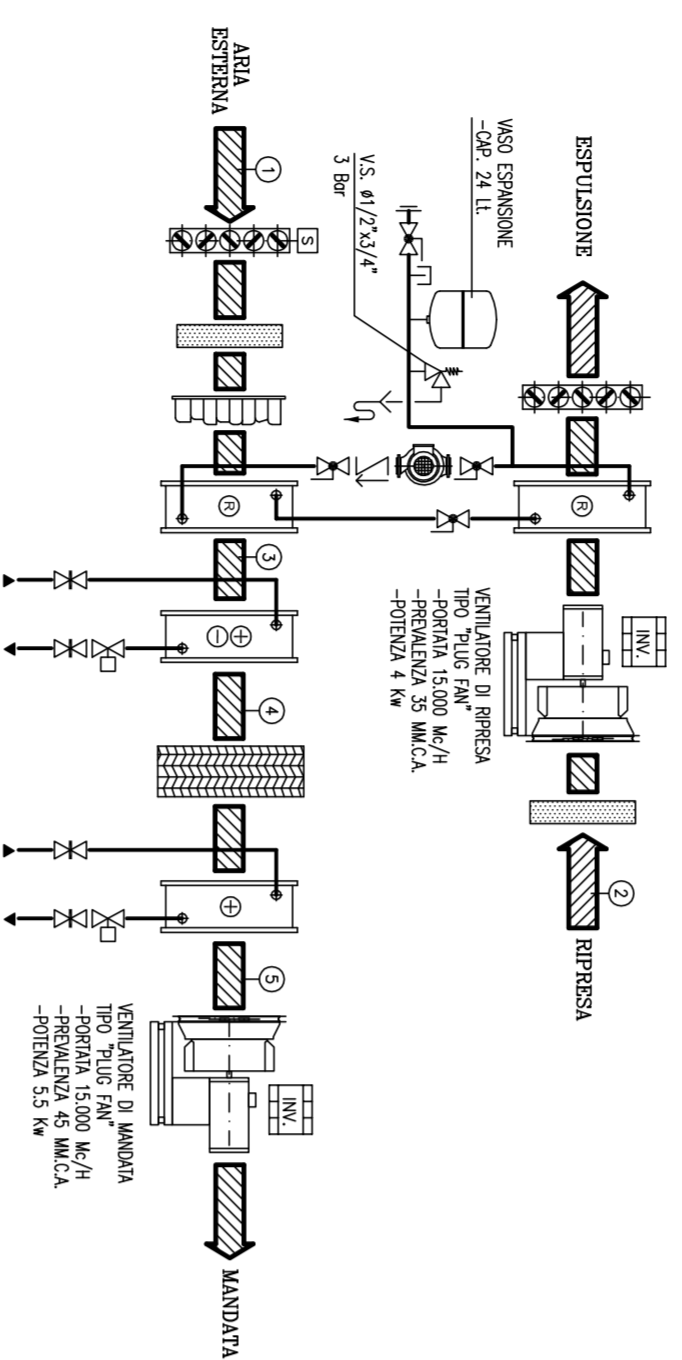
| NUMERO | INVERNO |         |         | ESTATE  |              |     | TRATTAMENTO         | POTENZA<br>kW | FLUIDO<br>VELOCE<br>t/h | CARATT.<br>F.V.E.T.<br>t/h | PORTATA<br>(kg/h) | DIAMETRO<br>TUBO<br>INTERCET. | DN  | DN/kgs |
|--------|---------|---------|---------|---------|--------------|-----|---------------------|---------------|-------------------------|----------------------------|-------------------|-------------------------------|-----|--------|
|        | T<br>°C | X<br>°C | T<br>°C | X<br>°C | J<br>kg/d/kg | 3-4 |                     |               |                         |                            |                   |                               |     |        |
| 1      | 8,500   | 20      | 9/29    | 25      | 12           | 3-4 | PRESCALDO           | 29,7          | scopo                   | 49/40                      | 5100              | ---                           | --- | ---    |
| 2      | 8,500   | 0       | 3,5     | 33      | 17,8         | 3-4 | RAFFREDDAMENTO      | 11,8          | scopo                   | 7/12                       | 18383             | 3"                            | 80  | 65/29  |
| 3      | 8,500   | 10      | 3,5     | 33      | 17,8         | 4-5 | POST-RAFFREDDAMENTO | 23,6          | scopo                   | 59/20                      | 4080              | 1 1/4"                        | 32  | 25/8   |
| 4      | 8,500   | 20      | 3,5     | 13      | 8,2          |     |                     |               |                         |                            |                   |                               |     |        |
| 5      | 8,500   | 28      | 3,5     | 21      | 10,2         |     |                     |               |                         |                            |                   |                               |     |        |

**SCHEMA TRATTAMENTO ARIA PRIMARIA  
UTA2 – CENTRO CULTURALE**



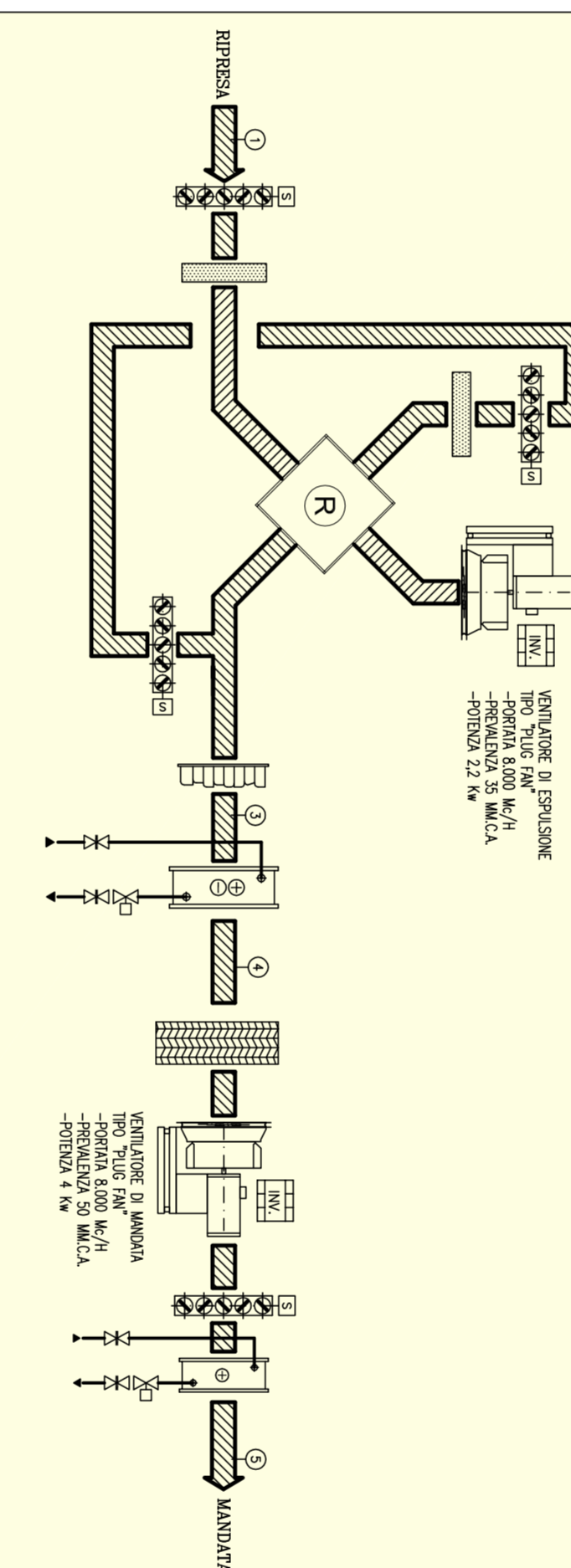
| NUMERO | INVERNO |         |         | ESTATE  |              |     | TRATTAMENTO         | POTENZA<br>kW | FLUIDO<br>VELOCE<br>t/h | CARATT.<br>F.V.E.T.<br>t/h | PORTATA<br>(kg/h) | DIAMETRO<br>TUBO<br>INTERCET. | DN  | DN/kgs |
|--------|---------|---------|---------|---------|--------------|-----|---------------------|---------------|-------------------------|----------------------------|-------------------|-------------------------------|-----|--------|
|        | T<br>°C | X<br>°C | T<br>°C | X<br>°C | J<br>kg/d/kg | 3-4 |                     |               |                         |                            |                   |                               |     |        |
| 1      | 8,500   | 20      | 9/29    | 25      | 12           | 3-4 | PRESCALDO           | 29,7          | scopo                   | 49/40                      | 5100              | ---                           | --- | ---    |
| 2      | 8,500   | 0       | 3,5     | 33      | 17,8         | 3-4 | RAFFREDDAMENTO      | 11,8          | scopo                   | 7/12                       | 18383             | 3"                            | 80  | 65/29  |
| 3      | 8,500   | 10      | 3,5     | 33      | 17,8         | 4-5 | POST-RAFFREDDAMENTO | 23,6          | scopo                   | 59/20                      | 4080              | 1 1/4"                        | 32  | 25/8   |
| 4      | 8,500   | 20      | 3,5     | 13      | 8,2          |     |                     |               |                         |                            |                   |                               |     |        |
| 5      | 8,500   | 28      | 3,5     | 21      | 10,2         |     |                     |               |                         |                            |                   |                               |     |        |

**SCHEMA TRATTAMENTO ARIA  
UTA5 – SALE ESPOSITIVE**



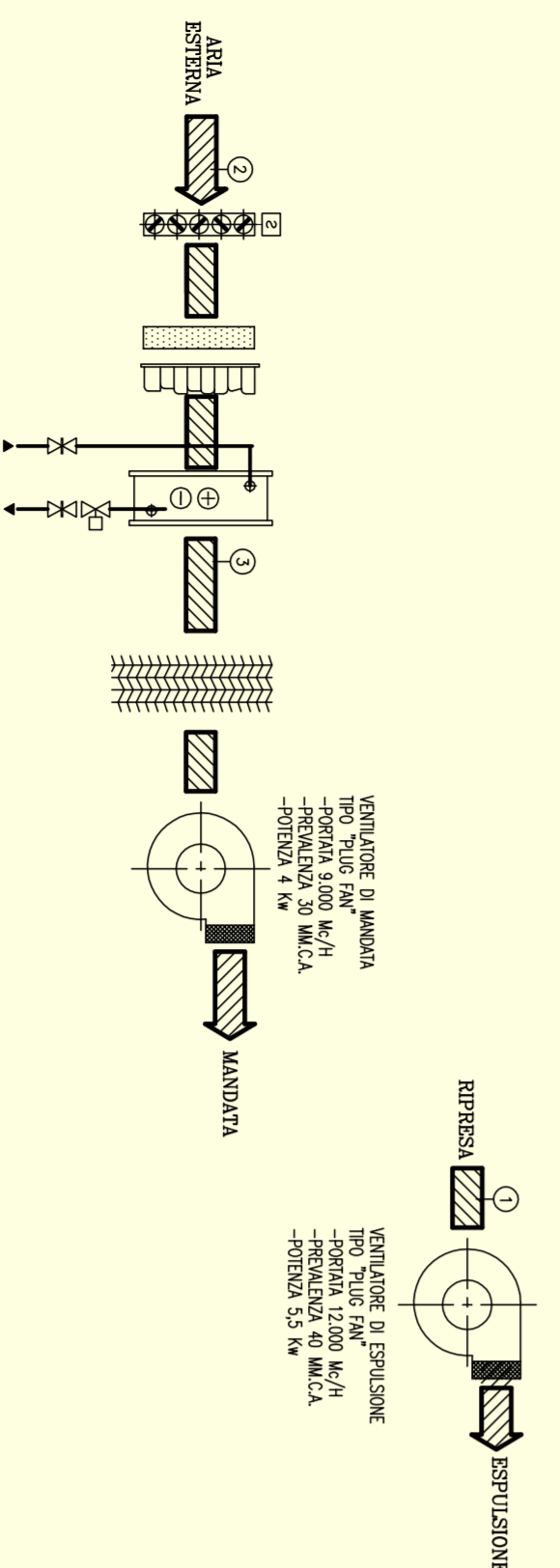
| NUMERO | INVERNO |         |         | ESTATE  |              |     | TRATTAMENTO         | POTENZA<br>kW | FLUIDO<br>VELOCE<br>t/h | CARATT.<br>F.V.E.T.<br>t/h | PORTATA<br>(kg/h) | DIAMETRO<br>TUBO<br>INTERCET. | DN  | DN/kgs |
|--------|---------|---------|---------|---------|--------------|-----|---------------------|---------------|-------------------------|----------------------------|-------------------|-------------------------------|-----|--------|
|        | T<br>°C | X<br>°C | T<br>°C | X<br>°C | J<br>kg/d/kg | 3-4 |                     |               |                         |                            |                   |                               |     |        |
| 1      | 15,000  | 20      | 9/29    | 25      | 12           | 3-4 | PRESCALDO           | 53            | scopo                   | 49/40                      | 5100              | ---                           | --- | ---    |
| 2      | 15,000  | 0       | 3,5     | 33      | 17,8         | 3-4 | RAFFREDDAMENTO      | 208,9         | scopo                   | 7/12                       | 34569             | 4"                            | 100 | 80/100 |
| 3      | 15,000  | 10      | 3,5     | 33      | 17,8         | 4-5 | POST-RAFFREDDAMENTO | 418           | scopo                   | 59/20                      | 7189              | 2"                            | 50  | 49/29  |
| 4      | 15,000  | 25      | 3       | 14      | 8,2          |     |                     |               |                         |                            |                   |                               |     |        |
| 5      | 15,000  | 28      | 3       | 23      | 10,8         |     |                     |               |                         |                            |                   |                               |     |        |

**SCHEMA TRATTAMENTO ARIA PRIMARIA  
UTA6 – BAR/RISTORANTE**



| NUMERO | INVERNO |         |         | ESTATE  |              |     | TRATTAMENTO         | POTENZA<br>kW | FLUIDO<br>VELOCE<br>t/h | CARATT.<br>F.V.E.T.<br>t/h | PORTATA<br>(kg/h) | DIAMETRO<br>TUBO<br>INTERCET. | DN  | DN/kgs |
|--------|---------|---------|---------|---------|--------------|-----|---------------------|---------------|-------------------------|----------------------------|-------------------|-------------------------------|-----|--------|
|        | T<br>°C | X<br>°C | T<br>°C | X<br>°C | J<br>kg/d/kg | 3-4 |                     |               |                         |                            |                   |                               |     |        |
| 1      | 8,500   | 20      | 9/29    | 25      | 12           | 3-4 | PRESCALDO           | 27,8          | scopo                   | 49/40                      | 5100              | ---                           | --- | ---    |
| 2      | 8,500   | 0       | 3,5     | 33      | 17,8         | 3-4 | RAFFREDDAMENTO      | 10,1          | scopo                   | 7/12                       | 18420             | 2 1/2"                        | 65  | 50/29  |
| 3      | 8,500   | 10      | 3,5     | 33      | 17,8         | 4-5 | POST-RAFFREDDAMENTO | 22,3          | scopo                   | 59/20                      | 3560              | 1 1/4"                        | 32  | 25/8   |
| 4      | 8,500   | 20      | 3,5     | 13      | 8,2          |     |                     |               |                         |                            |                   |                               |     |        |
| 5      | 8,500   | 28      | 3,5     | 21      | 10,2         |     |                     |               |                         |                            |                   |                               |     |        |

**SCHEMA TRATTAMENTO ARIA  
UTAY – CUCINE**

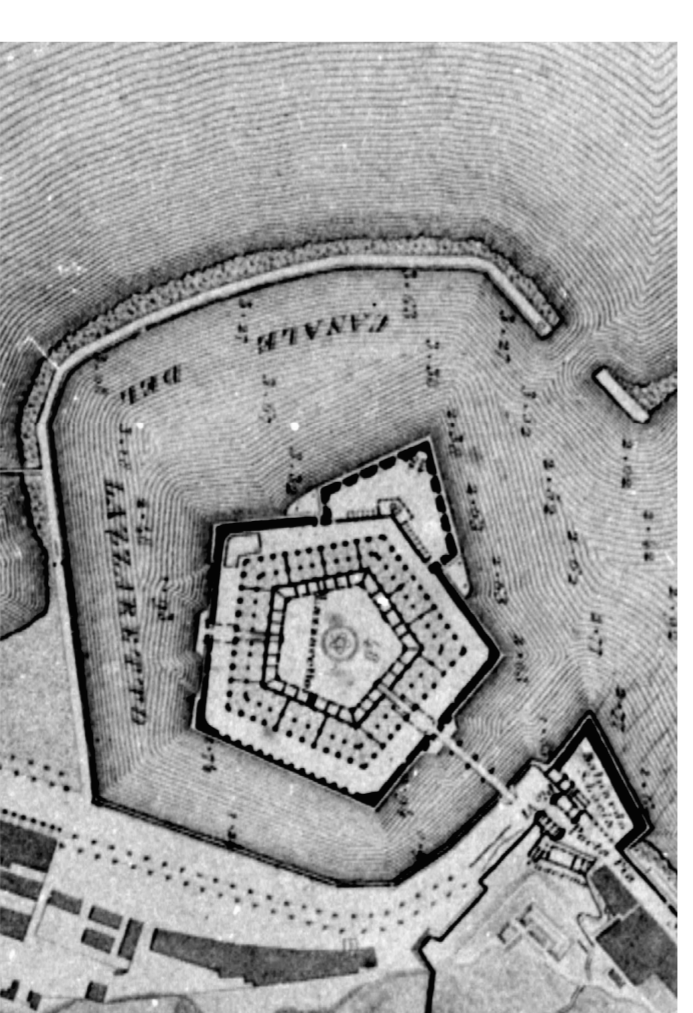


| NUMERO | INVERNO |         |         | ESTATE  |              |     | TRATTAMENTO    | POTENZA<br>kW | FLUIDO<br>VELOCE<br>t/h | CARATT.<br>F.V.E.T.<br>t/h | PORTATA<br>(kg/h) | DIAMETRO<br>TUBO<br>INTERCET. | DN  | DN/kgs |
|--------|---------|---------|---------|---------|--------------|-----|----------------|---------------|-------------------------|----------------------------|-------------------|-------------------------------|-----|--------|
|        | T<br>°C | X<br>°C | T<br>°C | X<br>°C | J<br>kg/d/kg | 2-3 |                |               |                         |                            |                   |                               |     |        |
| 1      | 8,000   | 20      | 6,5     | 26      | 12,6         | 2-3 | PRESCALDO      | 94,1          | scopo                   | 49/40                      | 16199             | ---                           | --- | ---    |
| 2      | 8,000   | 0       | 3,5     | 33      | 17,8         | 2-3 | RAFFREDDAMENTO | 97,9          | scopo                   | 7/12                       | 18447             | 2 1/2"                        | 65  | 50/29  |
| 3      | 8,000   | 30      | 3,5     | 16      | 10           |     |                |               |                         |                            |                   |                               |     |        |
| 4      |         |         |         |         |              |     |                |               |                         |                            |                   |                               |     |        |
| 5      |         |         |         |         |              |     |                |               |                         |                            |                   |                               |     |        |

LAVORI DI COMPLETAMENTO DA ESEGUIRE  
CON UN 2° STRALCIO FUNZIONALE



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DIREZIONE LAVORI, PATRIMONIO, GARE E APPALTI, SPORT



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info@consilium.it

DATA  
GIUGNO 2017

**OGGETTO**  
RECUPERO DELLA MOLE VANVITELLIANA, 2° lotto  
finanziamento "Piano nazionale delle città" Art. 12 D.L. 33/2012  
INTERVENTO 3 Restauro e recupero dei due ultimi lotti della Mole:  
lato terra (B-C) e lato Porto Pia (C-D)



**PROGETTO ESECUTIVO**

**IMPIANTI MECCANICI**  
SCHEMA TRATTAMENTO ARIA

RESPONSABILE PROFESSIONALE DELINCARICO  
Ing. PAOLO PIETRO BRESCI

RESPONSABILE DEL PROCEDIMENTO  
Arch. VIVIANA CARAVAGGI VIVIAN

DISSEGNO  
VI

TAI/N.  
**3.I.M.03**

CONTROLATO  
PPB

DIRITTI D'AUTORE RISERVATI SECONDO LE VIGENTI LEGGI