



Studio Colonna

Engineering company



ENVIRONMENT



HYDRAULIC



**GEOLOGICAL
HAZARD**



ENERGY



SEISMIC



INFRASTRUCTURE



FACILITIES



ARCHITECTURE



PLANNING

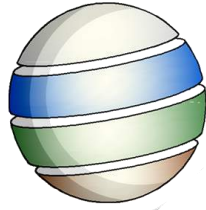


**GREEN
BUILDING**



**EXPERT ADVICE
CONSULTING**





Studio Colonna

Engineering company

COMPANY PROFILE

The STUDIO COLONNA s.r.l. is an engineering company specializing in construction design, urban planning, infrastructure and environment based in Messina (Italy). It was founded about a hundred years ago (1923) as an individual design study; in the 2010 it took the form of engineering company in order to compete more effectively in the market for technical services, reaching European standards.

The company arises from the integrated experience of several technicians, which in the long run have carried out their activities in the various engineering sectors, with the aim of setting up a multidisciplinary group, calibrated to European standards, capable of operate in many areas of engineering.

STUDIO COLONNA operates in the field of hydraulic engineering, geotechnical and environmental engineering, with particular expertise in the area of mitigation of hydrogeological risk and applied research. In these areas, but not exclusively, the company provides consulting, design and construction supervision.

The *core business* consists of highly specialized activities: among the company customers there are many public bodies, including Italian Ministry of Environment, Sicilian Region, municipality, and private companies operating in the soil protection and conservation. The technicians of the company have carried out a great number of services in the field of engineering and architecture.

A modern approach enables the company to

respond quickly, with quality and expertise, to the most specific demands of clients.

The considerable experience acquired in the field of design and construction supervision, both in civil and environmental areas, guarantees the client to have as referent a unique structure of cutting-edge quality.

The company's multidisciplinary approach allows us to offer a unitary management of the contracts, from the design to the construction, resulting in minimization of design time and a thorough control on the execution of the work. This allows the customer to assign to a single referent all the problems in the technical field.

The know how acquired by the staff of the company, combined with the strong sense of belonging, dedication, flexibility and technical capabilities of human resources, allows us to offer a comprehensive consulting service.

The technical activities is customized primarily on client needs. Each technician of the company, dealing with specialized aspects, is able to guarantee the care of all those design details that, otherwise, a single referent would not be able to ensure.

The company owns a work culture based on professional and smart management. The flexible organization ensures high performance and maintenance and constant improvement of its quality standard.

OUR SERVICES



Studio Colonna Engineering company

PRELIMINARY STUDIES AND PRE-FEASIBILITY

- Functional, technical, operational and economic preliminary study.
- Analysis of possible alternatives.
- Analysis of architectural, geological, and administrative state of fact.
- Preliminary assessment of environmental sustainability and landscape compatibility.

ENVIRONMENTAL STUDIES

- Environmental screening.
- Environmental impact assessment (VIA)
- Environmental Impact Studies (SIA)

SURVEY

- Topographical survey performed with traditional, GPS instruments and drone.
- Striping of civil and industrial structures of any type and size, elementary or area.
- Striping of infrastructure works.
- Geological, geotechnical and hydrogeological survey.

URBAN AND TERRITORIAL PLANNING

- Urban planning.
- Master plan drafting.
- Coordination and management of environmental assessment and feasibility of urban and territorial plans.
- Expropriation procedures for public utility.

SAFETY

Safety in construction site

- Safety and Coordination plans.
- Safety operational plans.
- Safety coordinator during the design and execution.
- Safety works manager.

Safety in workplaces

- Risk assessment at the workplace.
 - Compliance check for workplaces, plant, machinery and equipment.
 - Preparation of evacuation procedures, first aid and emergency.
- Responsible for Prevention and Protection Service

ACCEPTANCE

- Control of the structures and the most important constituent elements from the static point of view
- Check for technical and accounting compliance of works performed with the requirements of the project and the contract
- Issue of final certificates

DESIGN AT THE VARIOUS LEVELS

Studio Colonna s.r.l. performs preliminary, definitive and executive design services in the following fields:

ENVIRONMENT - ENERGY - GEOLOGICAL HAZARD
HYDRAULIC - SEISMIC - INFRASTRUCTURE - FACILITIES
ARCHITECTURE - URBAN PLANNING - BUILDING

Studio Colonna s.r.l. offers to its customers:

- optimization of the design result in terms of construction costs and better quality of the work;
- shorten the project time;
- reduction of variations during the works thanks to a thorough preliminary study;
- widest guarantees of competence.

It must be underlined the particular and recognized skill of the company in the **mitigation of hydrogeological risk**, that distinguishes it from the competitor thanks to the experience in the field.

The Studio Colonna deals with:

- Architectural design (public and private)
- Urban planning (public and private)
- Structural design
- Geotechnical and hydraulic engineering
- Maritime and coastal engineering
- Fire design
- Electrical and thermal designing

WORKS SUPERVISION

- Verification of the project and technical and administrative documentation
- Monitoring of building sites, organization of work, timing and execution sequences of the various parts
- Control of materials by in situ testing, verification of relevant certificates, trial operation of the plant
- Measurement and accounting processes of the works

Moreover Studio Colonna s.r.l. deals with:

TECHNICAL DIRECTION OF CONSTRUCTION SITE

BUSINESS CONSULTING AND SUPPORT IN CONTRACT PHASE

LAND REGISTRY PRACTICES

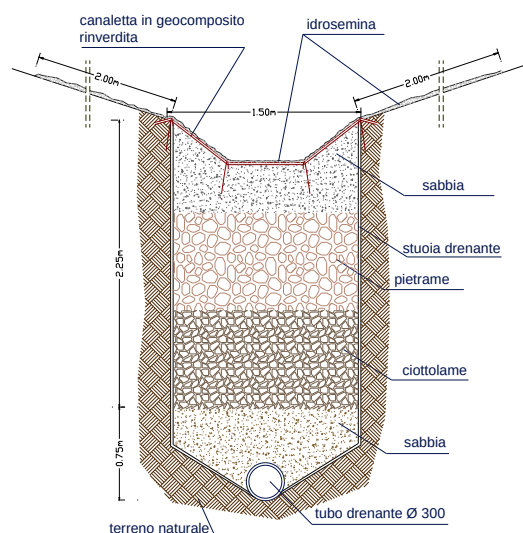
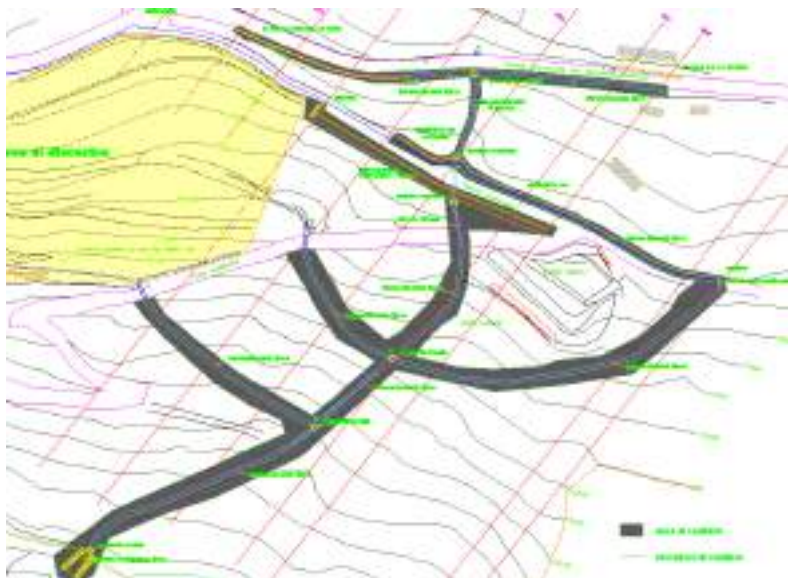
TECHNICAL ADVICE

CALCULATIONS AND ENERGY CERTIFICATION

PROJECT MANAGEMENT

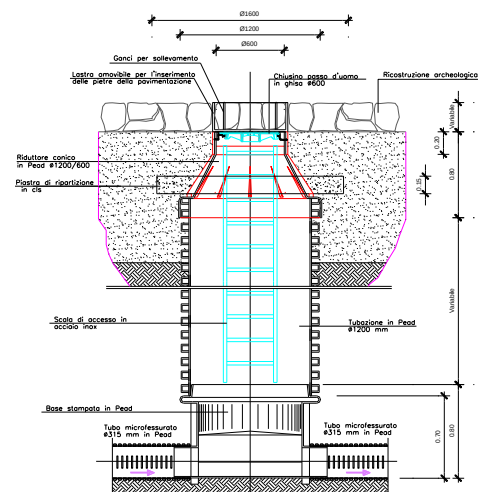
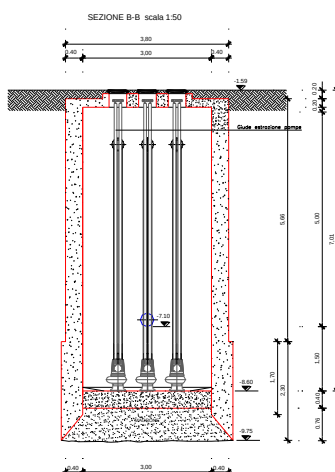
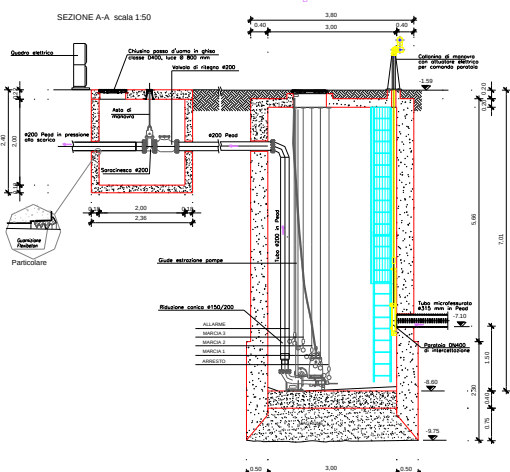
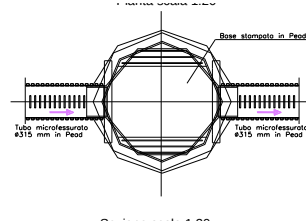
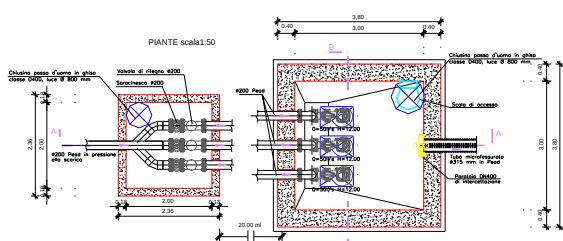
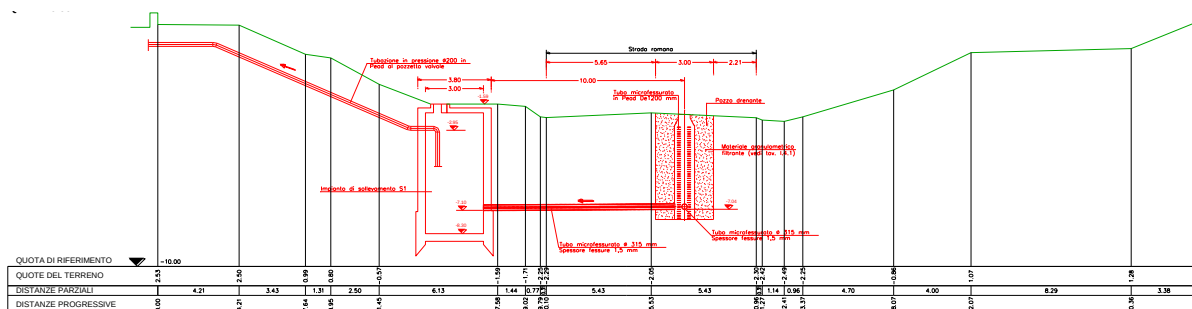
ENVIRONMENTAL AND HYDROGEOLOGICAL WORKS OF THE SLOPE IN THE CHIAROMONTE AREA TO SAFEGUARD THE PROVINCIAL AND MUNICIPAL ROADS AND EXISTING INSTALLATIONS

NAME OF THE CLIENT:	Municipality of S. Salvatore di Fitalia
SERVICES PERFORMED:	Definitive and executive design, safety coordinator in the design phase and in the execution phase and works supervision
LOCALIZZAZIONE	S. Salvatore di Fitalia (ME)
IMPORTO DEI LAVORI	€ 773.085,79
PERIODO DI SVOLGIMENTO	2005 - 2008



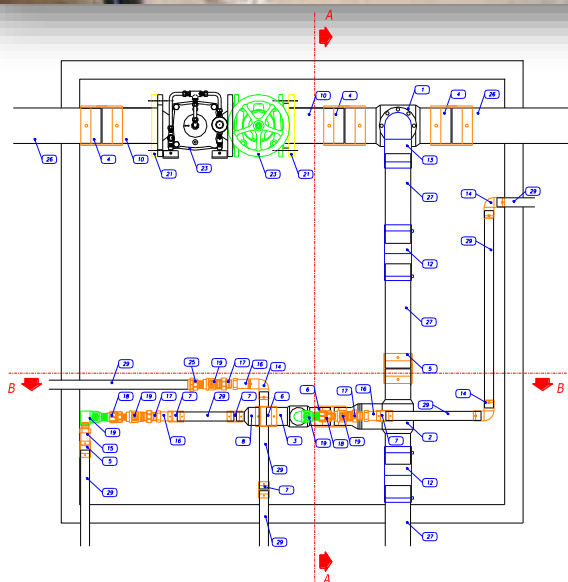
HYDRAULIC

This architectural site plan illustrates the University of the Pacific campus, featuring a network of proposed pedestrian paths highlighted in red. The paths are primarily linear, running horizontally across the lower portion of the plan, and include several vertical and diagonal connectors. Key campus features include a large, multi-story building complex on the right, a central area with a large triangular structure, and a parking lot on the left. The plan also shows existing roads, landscaping with trees, and various smaller buildings and structures. Yellow diamond markers are placed along the paths, and blue arrows indicate traffic flow on the roads.



REPLACEMENT WORKS OF OLD AND CRACKED PIPE SECTIONS FOR THE ELIMINATION OF THE INEFFICIENCY IN THE CROCE AREA

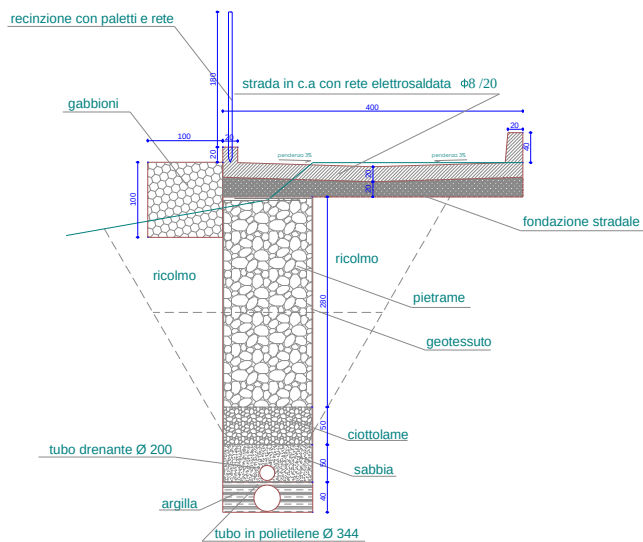
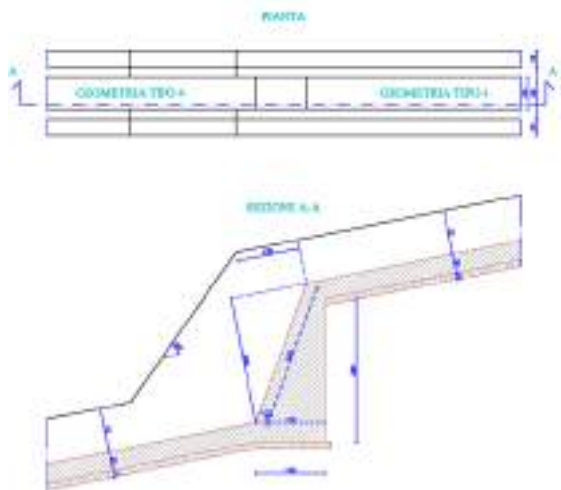
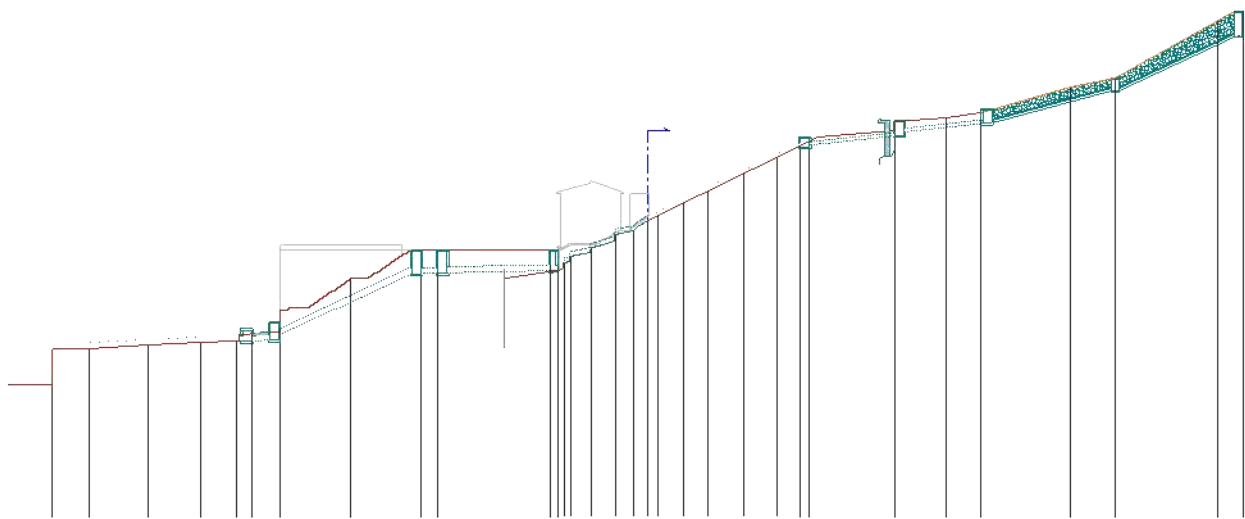
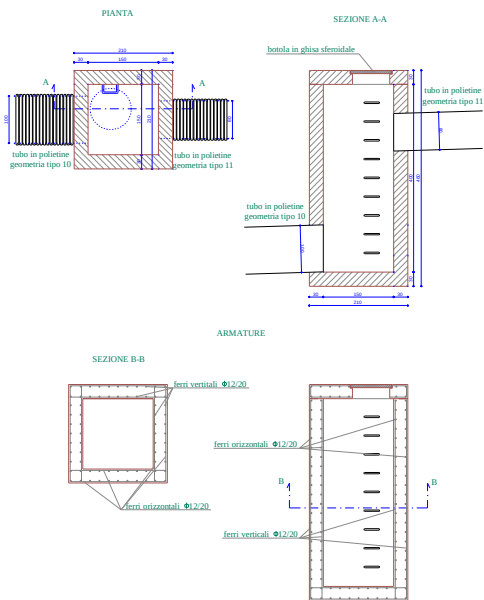
NAME OF THE CLIENT:	Municipality of Itala
SERVICES PERFORMED:	Definitive and executive design, measurement and accounting processes of the works, safety coordinator in the design phase and in the execution phase and works supervision
LOCATION OF THE WORKS:	Itala (ME)
VALUE OF THE WORKS:	€ 193.036,34
PERIOD OF PERFORMANCE:	2012 - 2014



CONSTRUCTION OF WALLS AND DIAPHRAGM UPSTREAM AND DOWNSTREAM AND HYDRAULICS WORKS IN THE S. PAOLO AREA

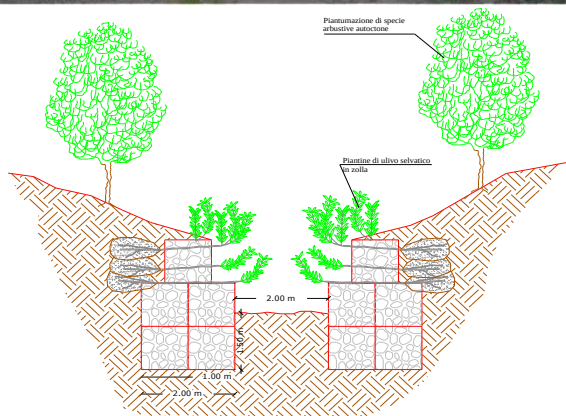
HYDRAULIC

NAME OF THE CLIENT:	Municipality of Tortorici
SERVICES PERFORMED:	Definitive design
LOCATION OF THE WORKS:	Tortorici (ME)
VALUE OF THE WORKS:	€ 3.081.391,67
PERIOD OF PERFORMANCE:	2013



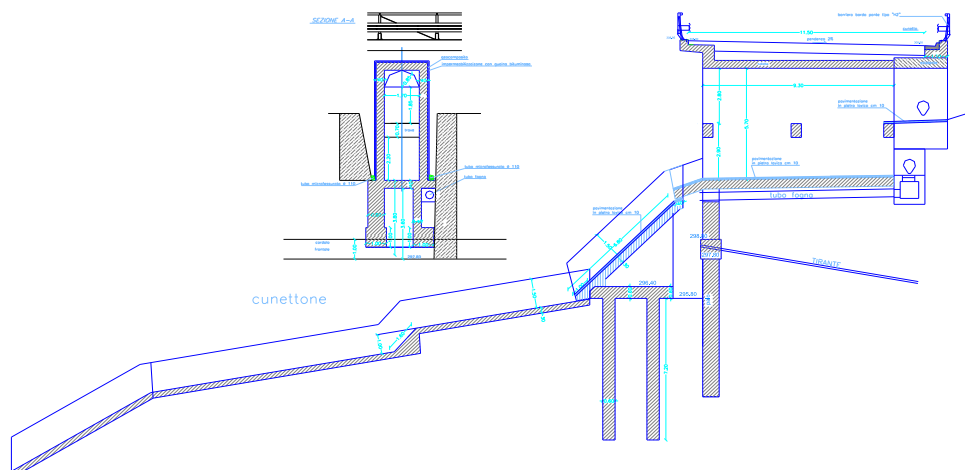
ENVIRONMENTAL AND HYDROGEOLOGICAL WORKS OF THE SLOPE IN THE PAGLIAZZO AREA DOWNSTREAM OF THE CITY CENTER

NAME OF THE CLIENT:	Municipality of Salvatore di Fitalia
SERVICES PERFORMED:	Definitive and executive design, measurement and accounting processes of the works, safety coordinator in the design phase and in the execution phase and works supervision
LOCATION OF THE WORKS:	Salvatore di Fitalia (ME)
VALUE OF THE WORKS:	€ 619.538,03
PERIOD OF PERFORMANCE:	2007 - 2009



CONSOLIDATION WORKS OF THE WESTERN SLOPE DOWNSTREAM OF THE CASTROREALE CITY CENTER

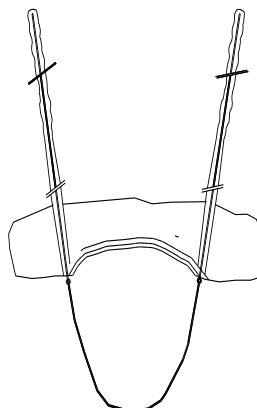
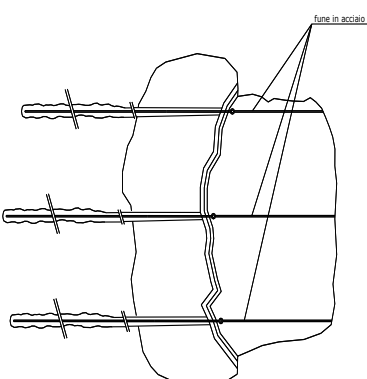
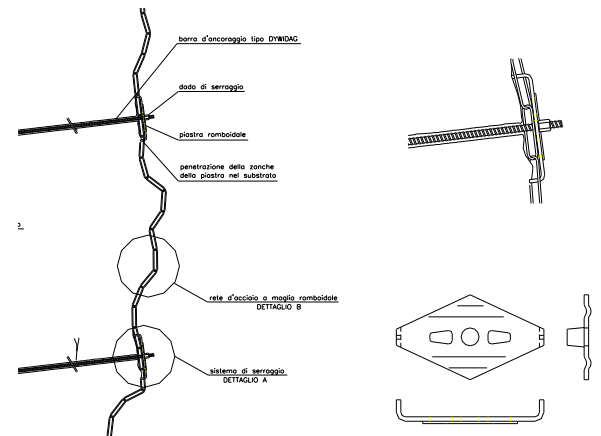
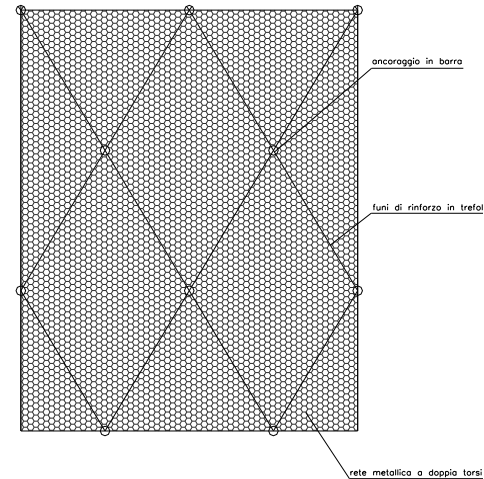
NAME OF THE CLIENT:	Municipality of Castoreale
SERVICES PERFORMED:	Definitive and executive design, measurement and accounting processes of the works, safety coordinator in the design phase and in the execution phase and works supervision 1° Stralcio e Completamento
LOCATION OF THE WORKS:	Castoreale (ME)
VALUE OF THE WORKS:	€ 1.567.005,556
PERIOD OF PERFORMANCE:	2006 - 2015



CONSOLIDATION WORKS OF THE ROCKY RIDGE DOWNSTREAM OF THE GINOSTRA VILLAGE - STROMBOLI ISLAND

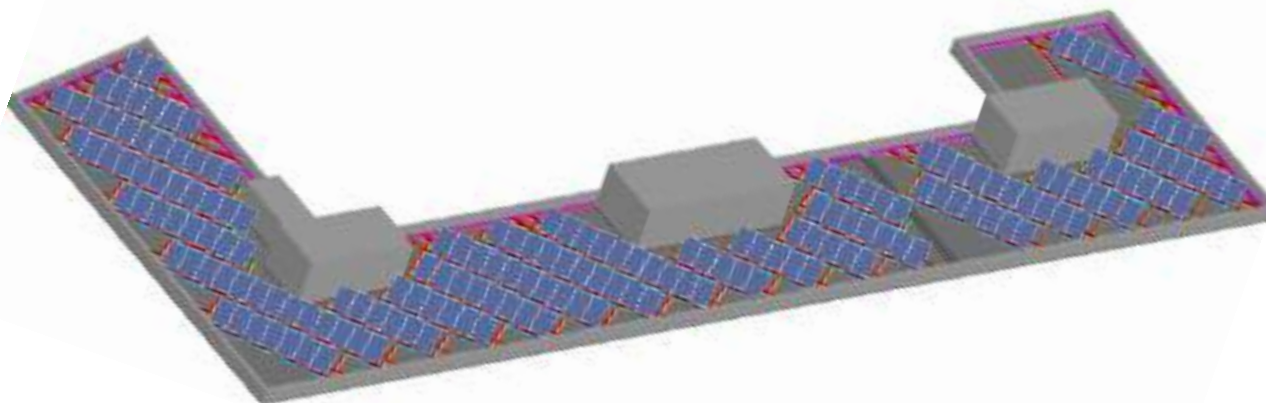
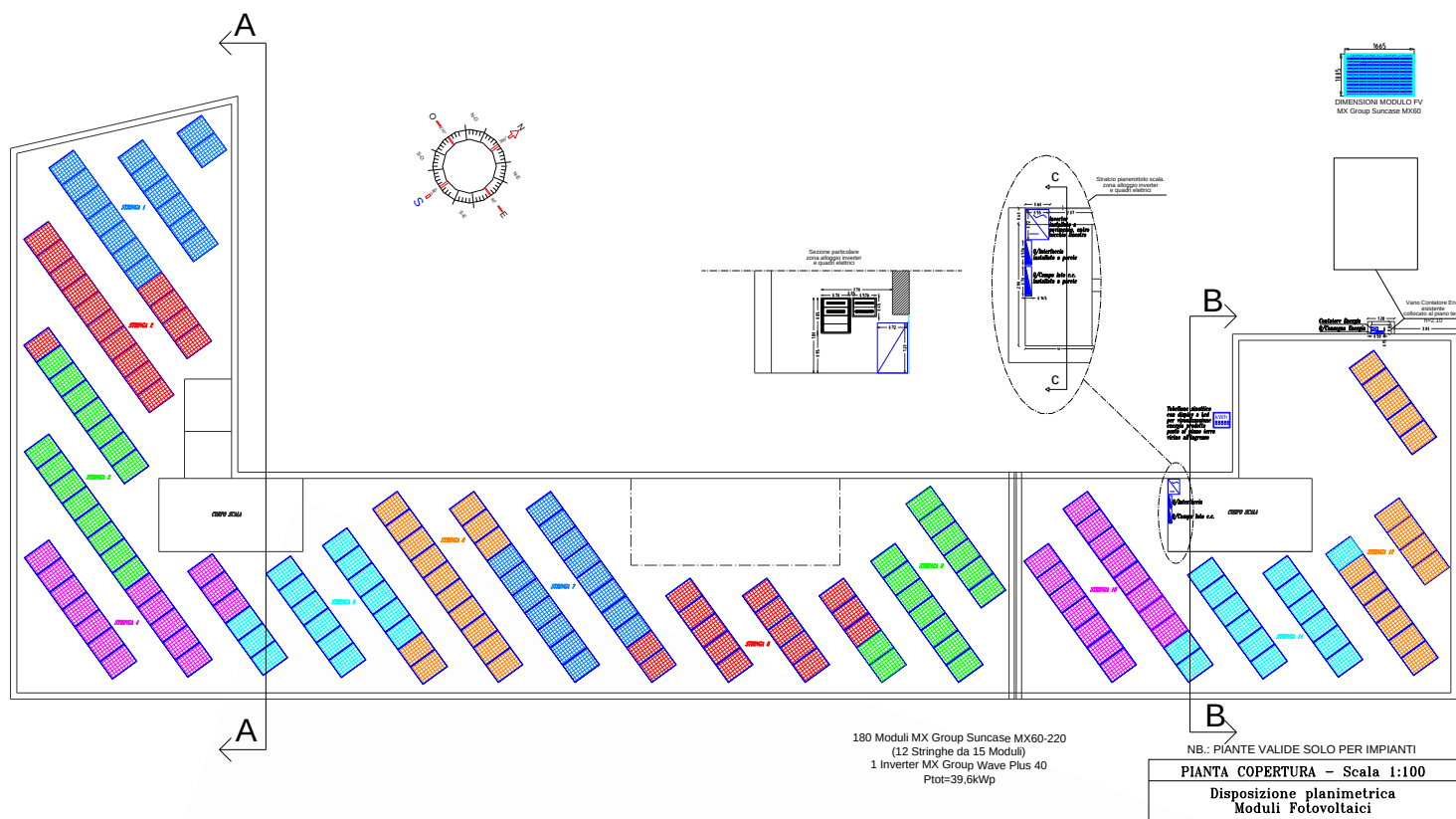
**GEOLOGICAL
HAZARD**

NAME OF THE CLIENT:	Municipality of Lipari
SERVICES PERFORMED:	Definitive and executive design, measurement and accounting processes of the works, safety coordinator in the design phase and in the execution phase and works supervision
LOCATION OF THE WORKS:	Isola di Lipari (ME)
VALUE OF THE WORKS:	€ 619 358,03
PERIOD OF PERFORMANCE:	2007 - 2009



EXECUTIVE PROJECT FOR THE WORKS OF "PRODUCTION OF ELECTRICITY THROUGH PHOTOVOLTAIC CONVERSION FOR THE SCHOOL ENZO DRAGO"

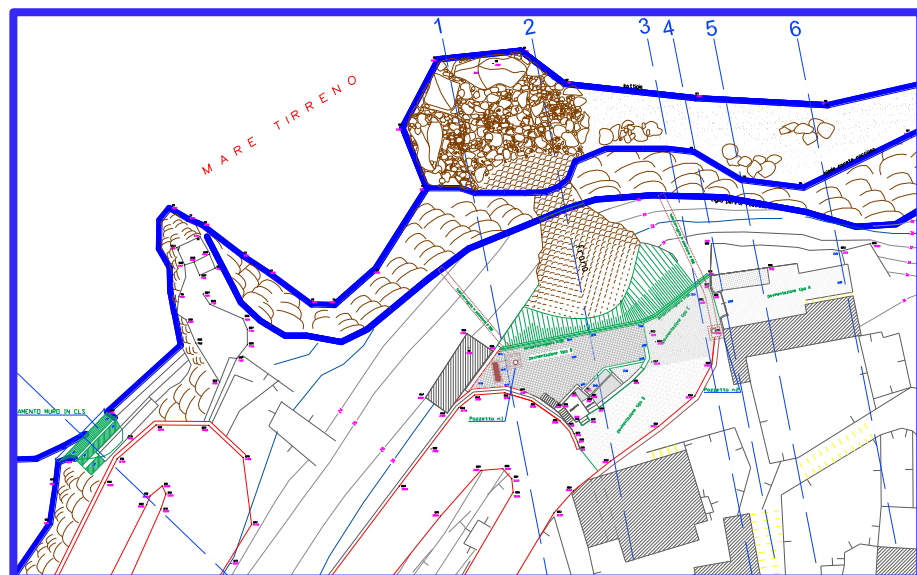
NAME OF THE CLIENT:	Municipality of Messina
SERVICES PERFORMED:	Executive design
LOCATION OF THE WORKS:	Messina
VALUE OF THE WORKS:	€ 374.615,02
PERIOD OF PERFORMANCE:	2012



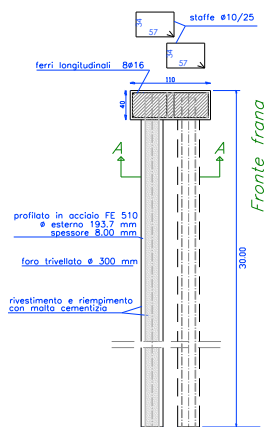
URGENT WORKS FOR THE CONSOLIDATION OF THE SLOPE IN THE ACQUACALDA AREA (ISLAND OF LIPARI) TO PROTECT THE CITY CENTER AND THE EXISTING ROAD - 1ST PHASE

STRUCTURE

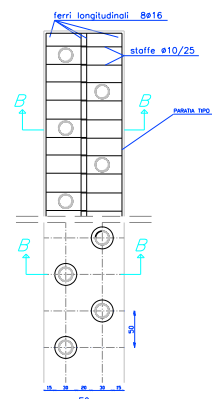
NAME OF THE CLIENT:	Municipality of Lipari
SERVICES PERFORMED:	Definitive and executive design, measurement and accounting processes of the works, safety coordinator in the design phase and in the execution phase and works supervision
LOCATION OF THE WORKS:	Lipari (ME)
VALUE OF THE WORKS:	€ 492.725,60
PERIOD OF PERFORMANCE:	Running



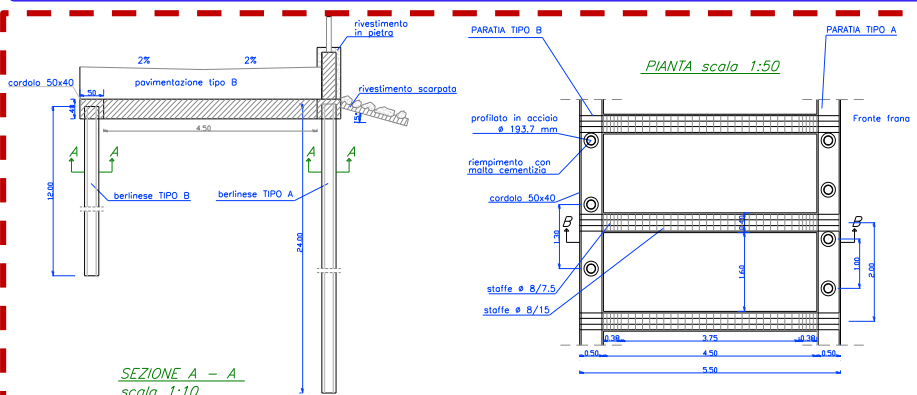
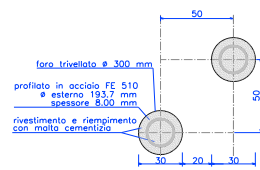
SEZIONE B - B
scala 1:20



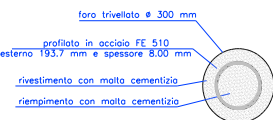
PIANTA scala 1:20



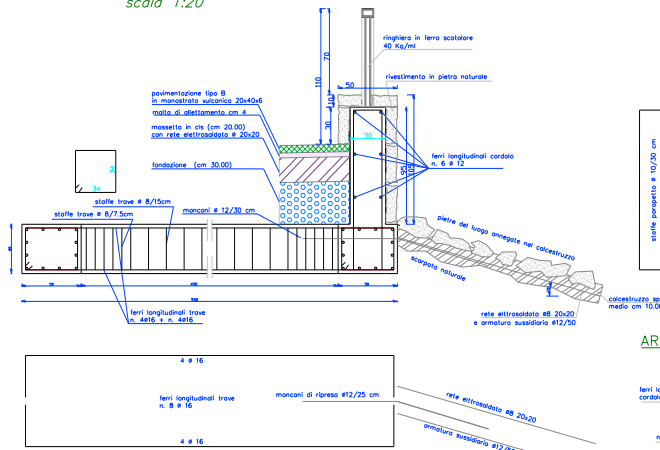
SEZIONE A - A
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SEZIONE A - A
scala 1:10

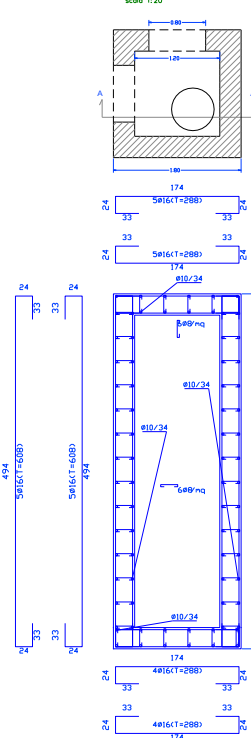


SEZIONE B - B
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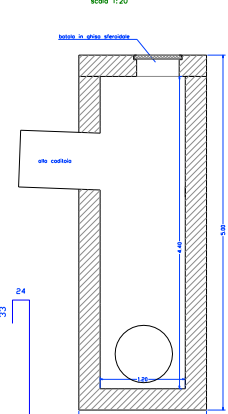


ARMATURA CORDOLO

PIANTA

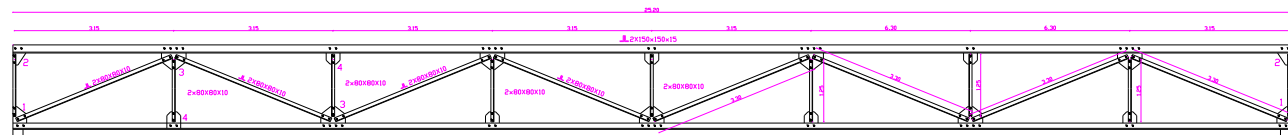
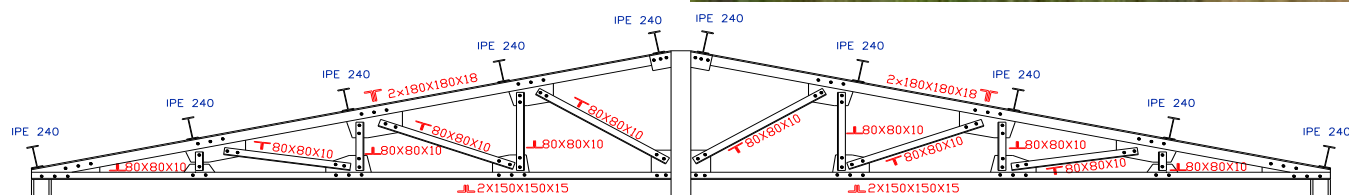


SEZIONE



**PROJECT FOR THE CONSTRUCTION OF A MINI CHEESE DAIRY -
SELLING POINT AND A CATTLE SHED- MILKING ROOM, LOCATED
IN MINISSALE AREA, MUNICIPALITY OF UCRIA (ME)
"PROGRAMMA DI SVILUPPO RURALE 2007/2013 MISURA 121 -
AMMODERNAMENTO DELLE AZIENDE AGRICOLE"**

NAME OF THE CLIENT:	Tiziana Trovato
SERVICES PERFORMED:	Definitive and executive design, safety coordinator in the design phase and in the execution phase and works supervision
LOCATION OF THE WORKS:	Ucrista (ME)
VALUE OF THE WORKS:	€ 854.770,69
PERIOD OF PERFORMANCE:	2010 - 2014



RESTAURATION AND CONSOLIDATION WORKS OF THE BUILDING HOSTING THE SCHOOL SCAVONETTO IN CARLENTINI (SR)

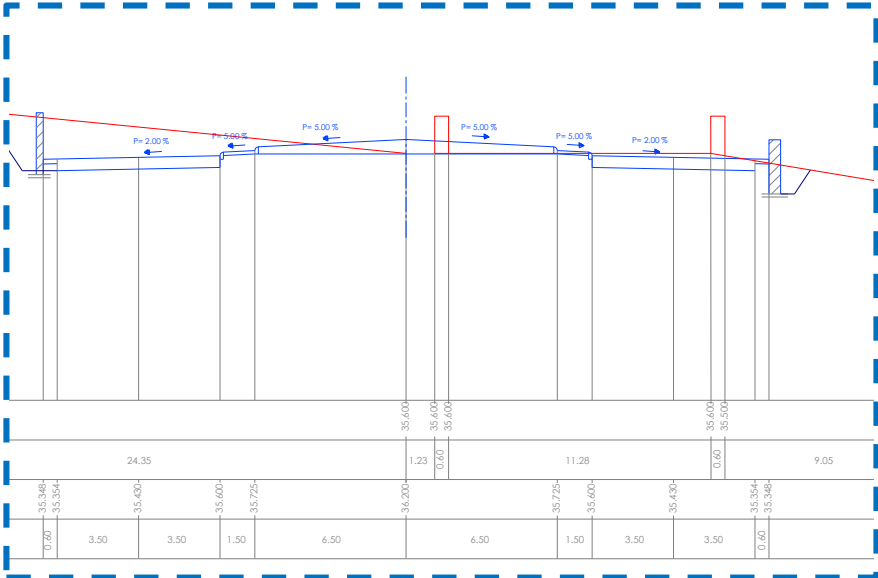
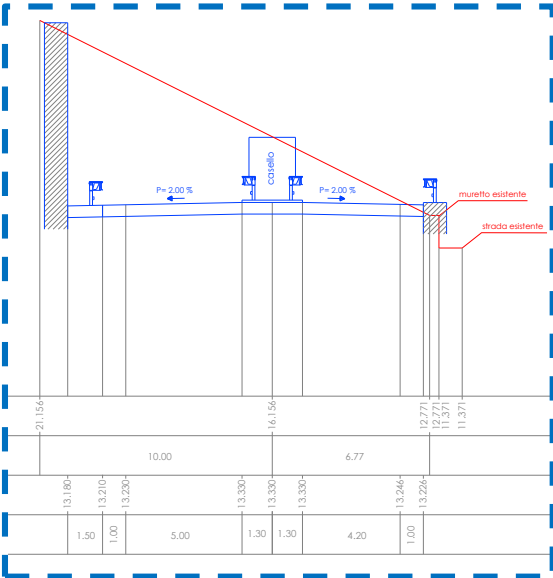
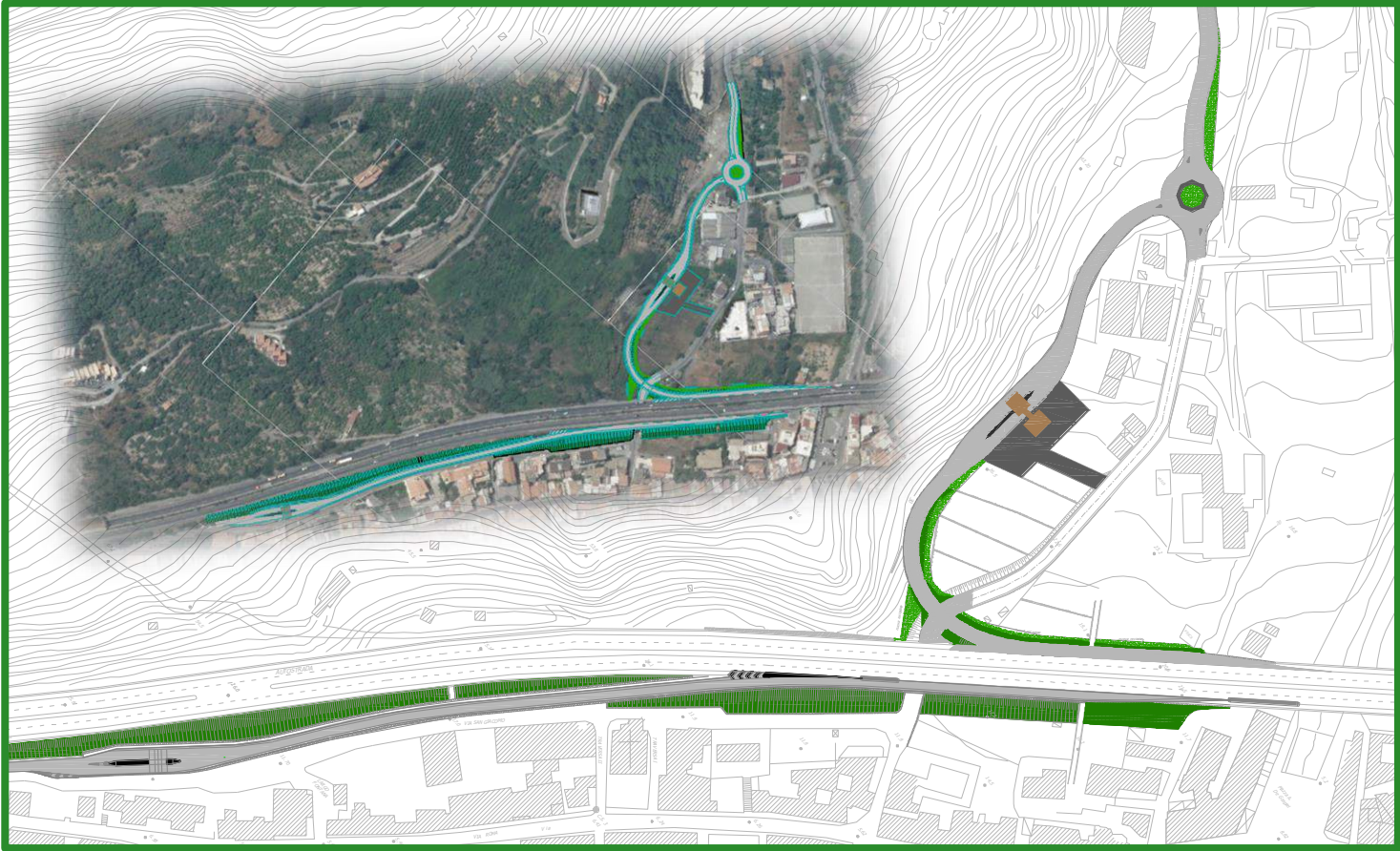
STRUCTURE

NAME OF THE CLIENT:	Municipality of Carlentini
SERVICES PERFORMED:	Definitive and executive design, safety coordinator in the design phase and in the execution phase and works supervision
LOCATION OF THE WORKS:	Carlentini (SR)
VALUE OF THE WORKS:	€ 1.974.166,58
PERIOD OF PERFORMANCE:	2003 - 2006



PROJECT FOR THE CONSTRUCTION OF A MOTORWAY JUNCTION MESSINA DIRECTION, NEAR THE CITY CENTER OF ITALIA MARINA

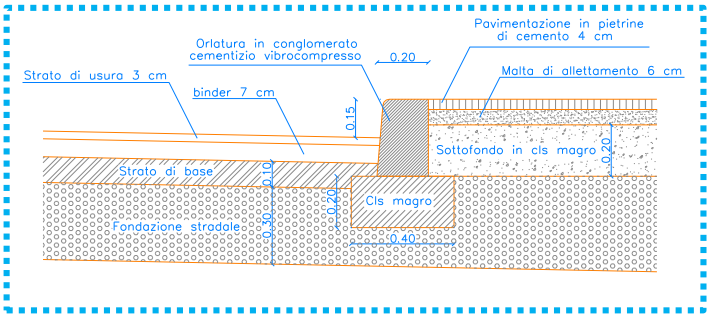
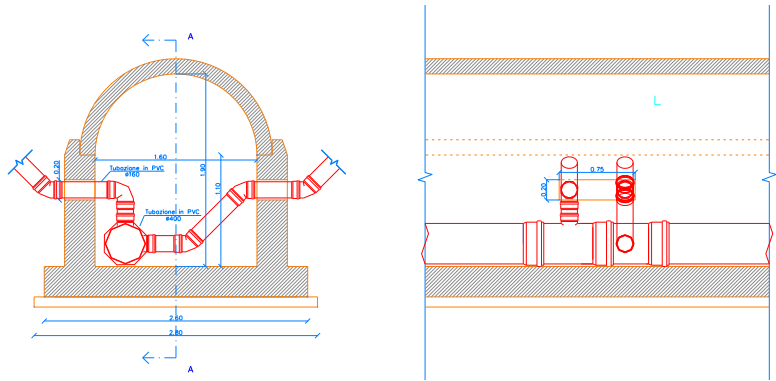
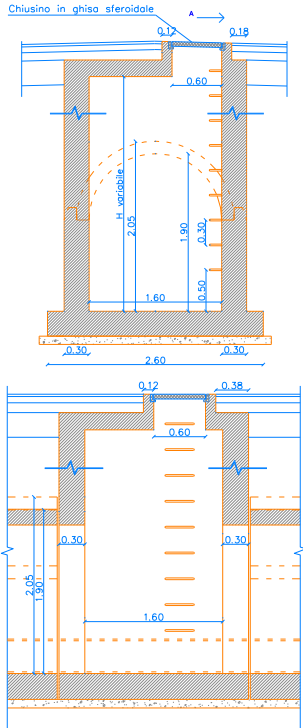
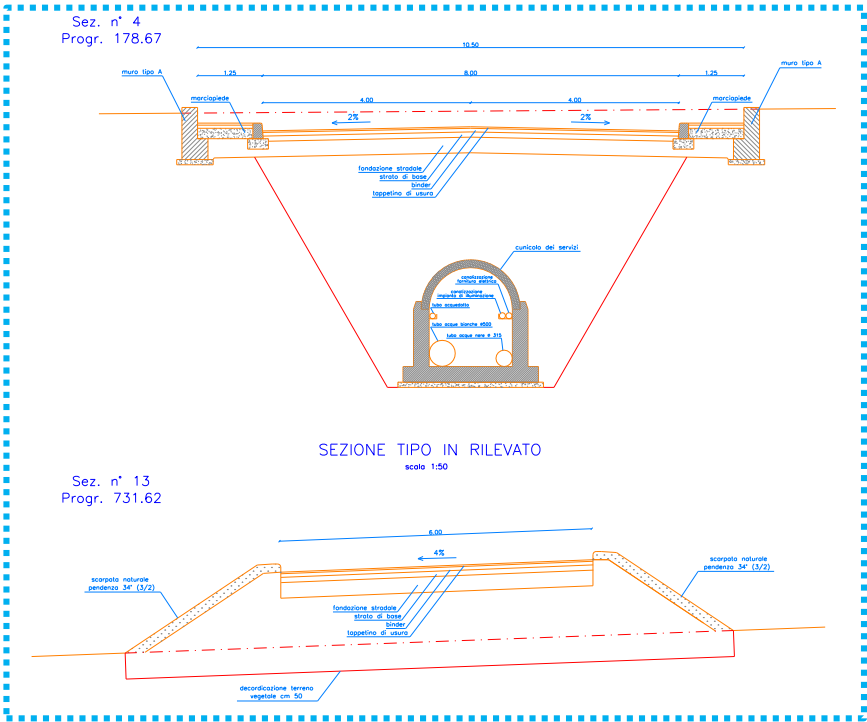
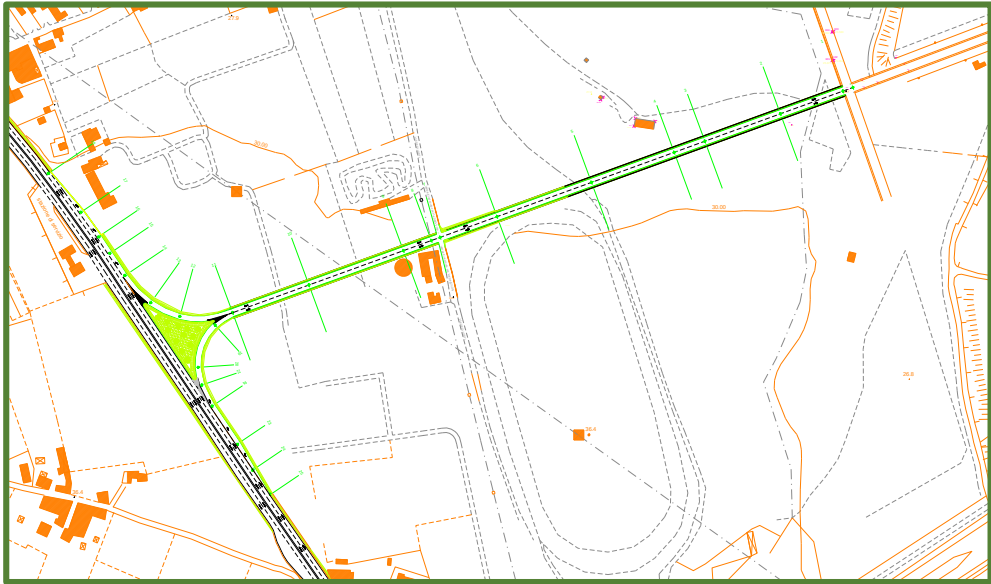
NAME OF THE CLIENT:	Consortium of Municipalities "Valle di Monte Scuderi"
SERVICES PERFORMED:	Preliminary design
LOCATION OF THE WORKS:	Itala (ME)
VALUE OF THE WORKS:	€ 5.800.000,00
PERIOD OF PERFORMANCE:	2015



CONSTRUCTION WORKS FOR THE CONNECTING ROUTE BETWEEN THE INDUSTRIAL AREA OF ARCHI IN THE MUNICIPALITY OF S. FILIPPO DEL MELA AND THE ROAD AXIS IN THE MUNICIPALITY OF MILAZZO

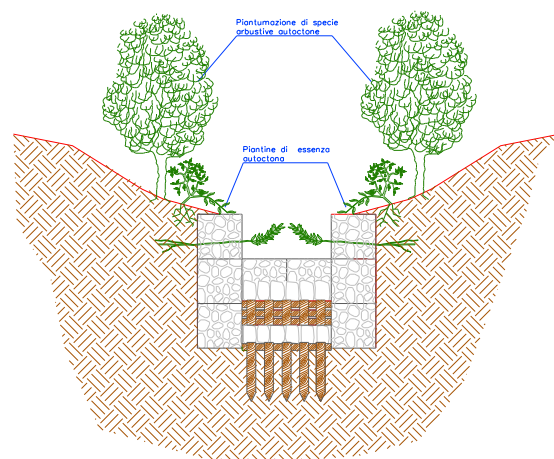
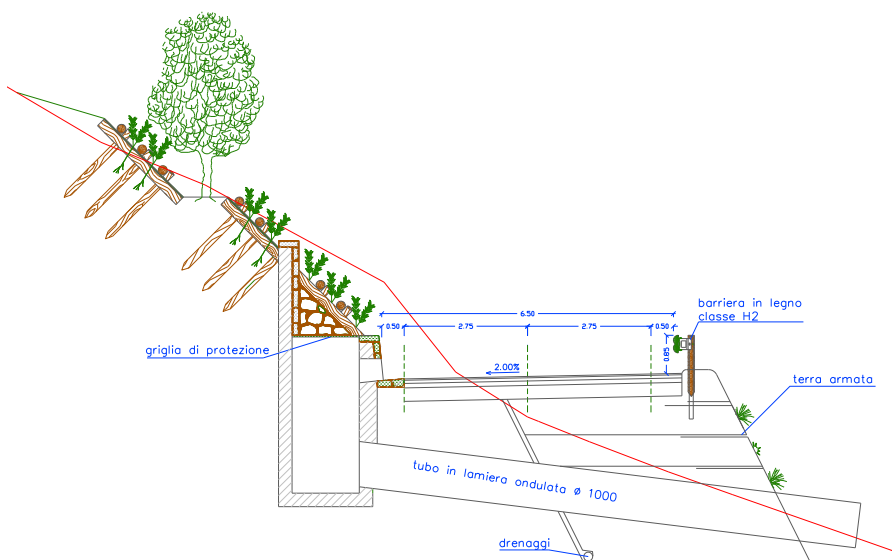
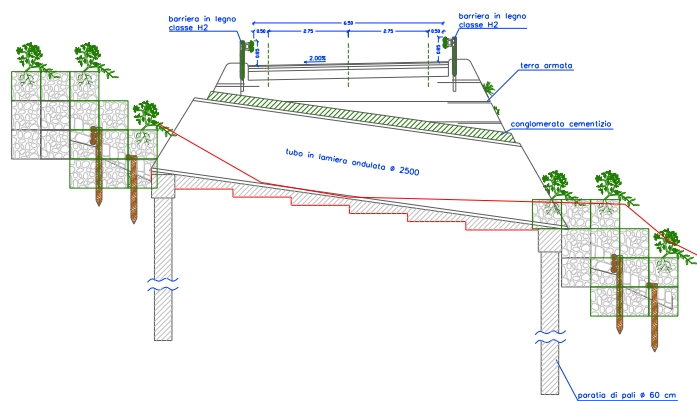
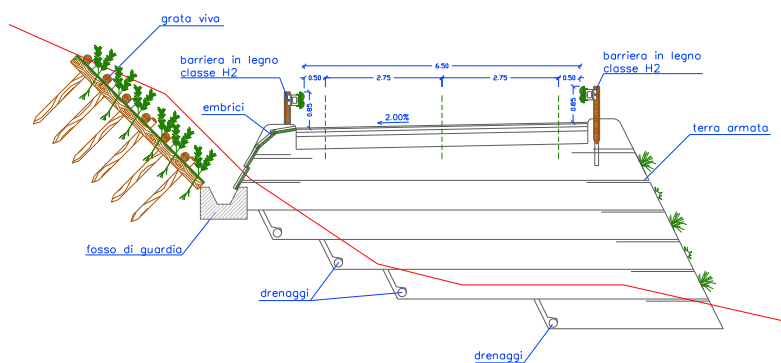
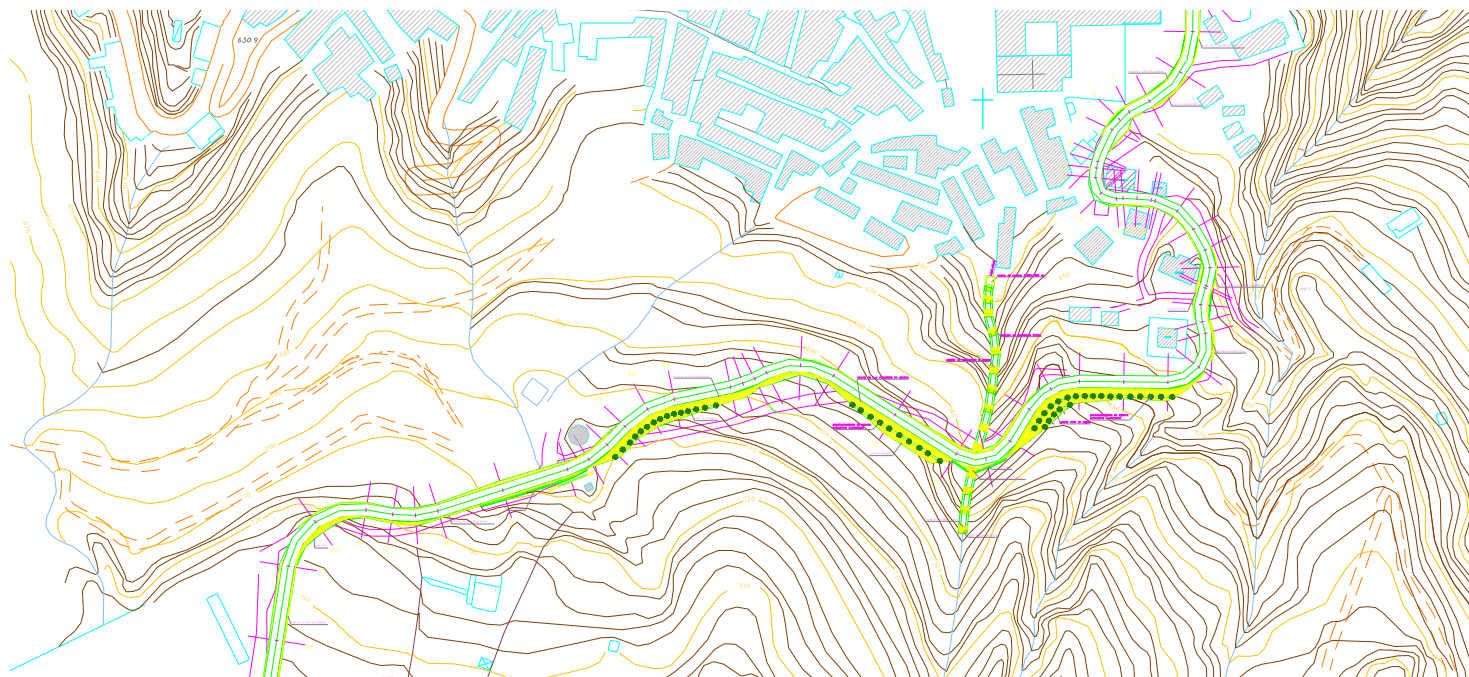
INFRASTRUCTURE

NAME OF THE CLIENT:	Consortium for the industrial development of the province of Messina
SERVICES PERFORMED:	Definitive design
LOCATION OF THE WORKS:	Milazzo (ME)
VALUE OF THE WORKS:	€ 1.801.618,86
PERIOD OF PERFORMANCE:	2012



CONSTRUCTION WORKS OF THE ESCAPE ROUTE FROM THE CITY CENTER OF NOVARA DI SICILIA, CONSISTING OF AN ALTERNATIVE ROUTE TO THE SS 185 IN THE STRETCH THROUGH THE CITY CENTER

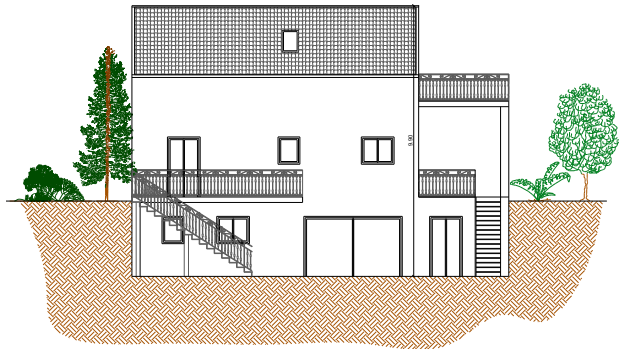
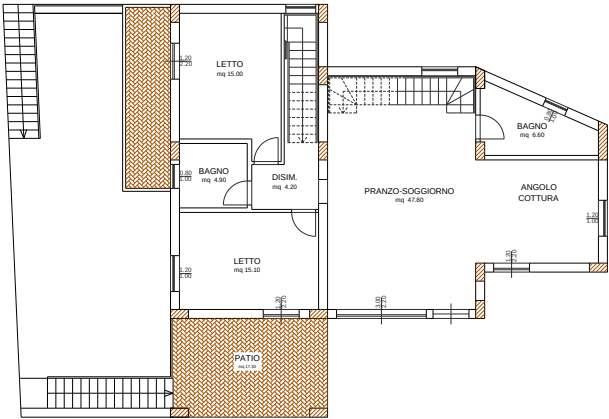
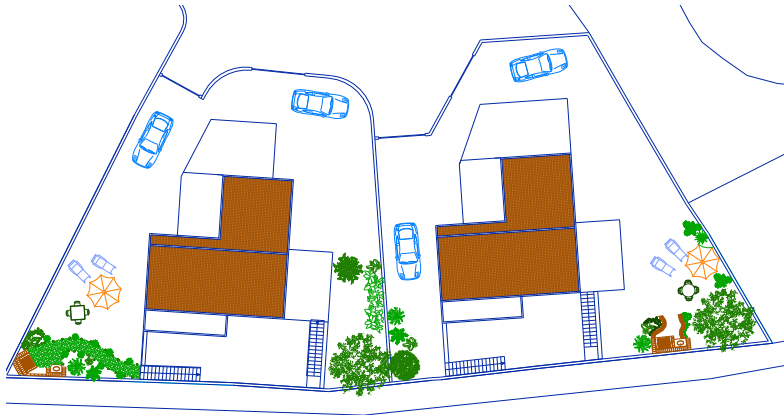
NAME OF THE CLIENT:	Municipality of Novara di Sicilia
SERVICES PERFORMED:	Definitive design
LOCATION OF THE WORKS:	Novara di Sicilia (ME)
VALUE OF THE WORKS:	€ 2.189.216,08
PERIOD OF PERFORMANCE:	2009



PROJECT FOR THE CONSTRUCTION OF TWO DETACHED HOUSE IN THE S. AGATA VILLAGE - MESSINA

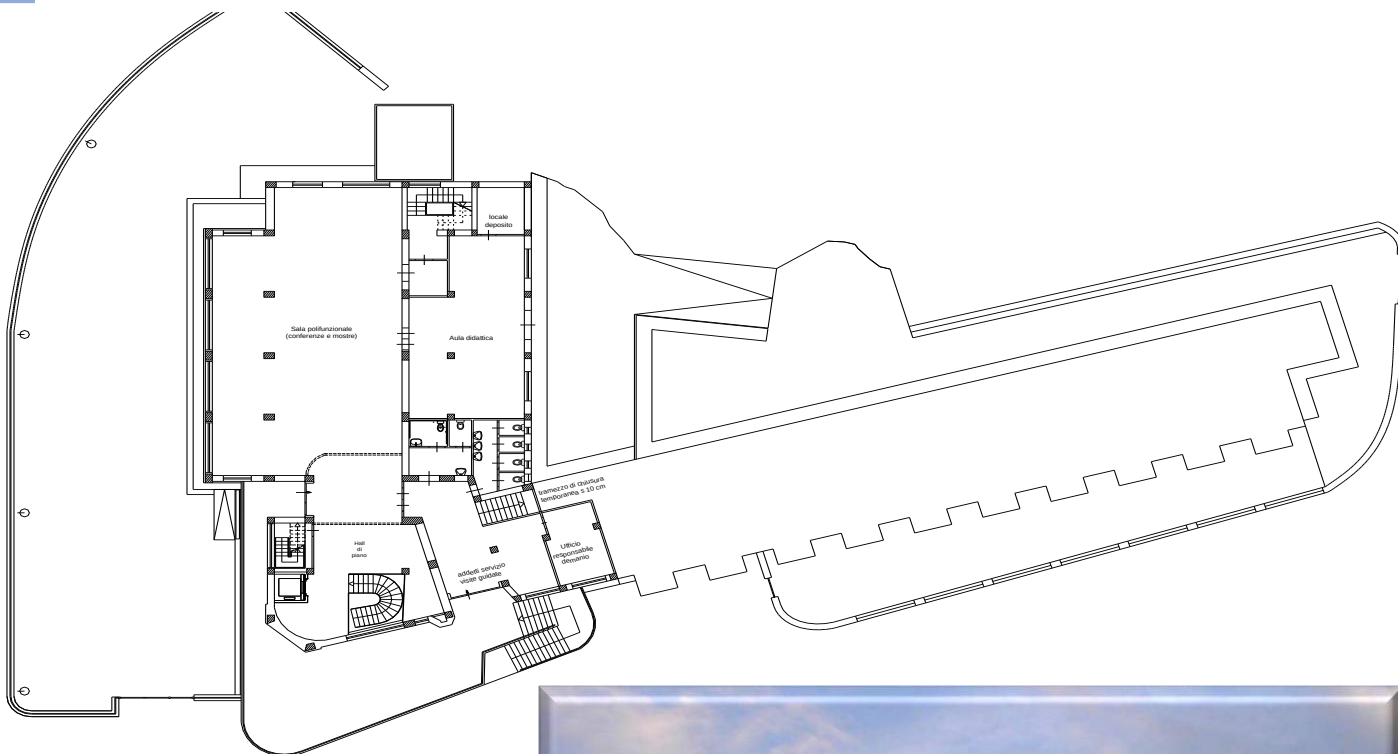
ARCHITECTURE

NAME OF THE CLIENT:	Sciarrone Giuseppe, Sciarrone Paolo e Staiti Giuseppa
SERVICES PERFORMED:	Definitive and executive design, measurement and accounting processes of the works, safety coordinator in the design phase and in the execution phase and works supervision
LOCATION OF THE WORKS:	Messina
VALUE OF THE WORKS:	€ 741.000,00
PERIODO DI SVOLGIMENTO	Running



REHABILITATION WORKS OF THE BUILDING FORMER HOTEL COLLE S. RIZZO, LOCATED IN THE "INTEGRATED NATURAL SYSTEM NAMED PELORITANI MOUNTAINS"

NAME OF THE CLIENT:	Regione Siciliana - Assessorato Agricoltura e Foreste
SERVICES PERFORMED:	Preliminary, definitive and executive design
LOCATION OF THE WORKS:	Messina
VALUE OF THE WORKS:	€ 1.128.235,14
PERIOD OF PERFORMANCE:	2006 - 2009



INTEGRATED PROJECT FOR THE URBAN REGENERATION OF THE AREA OF THE MARITIME STATION S. CECILIA

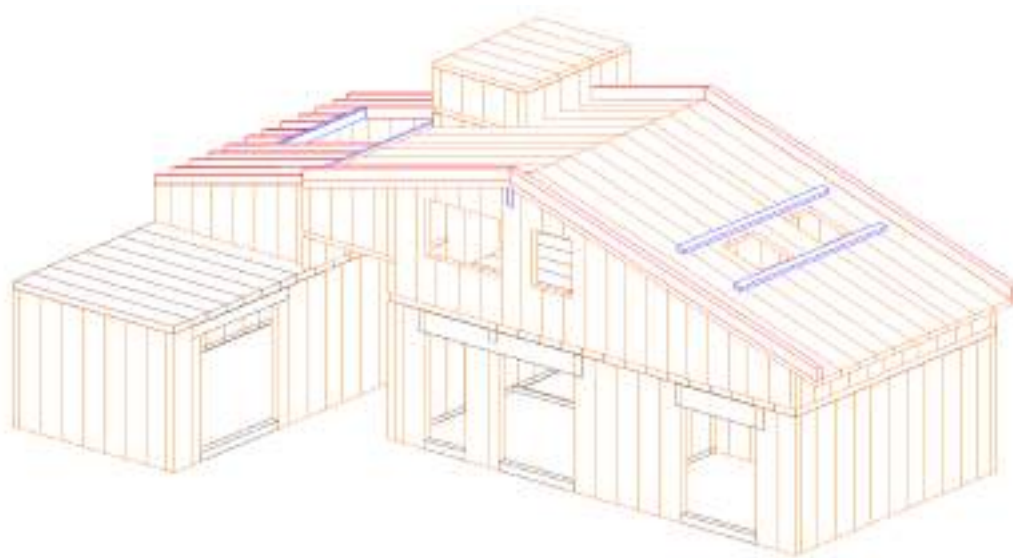
URBAN
PLANNING

NAME OF THE CLIENT:	Municipality of Messina
SERVICES PERFORMED:	Masterplan
LOCATION OF THE WORKS:	Messina
VALUE OF THE WORKS:	Undefined
PERIOD OF PERFORMANCE:	2012



PROJECT FOR THE CONSTRUCTION OF A HOUSE AND OF A SHED FARM IN ORTOLIUZZO AREA, TRAMONATANA STREET, MUNICIPALITY OF MESSINA

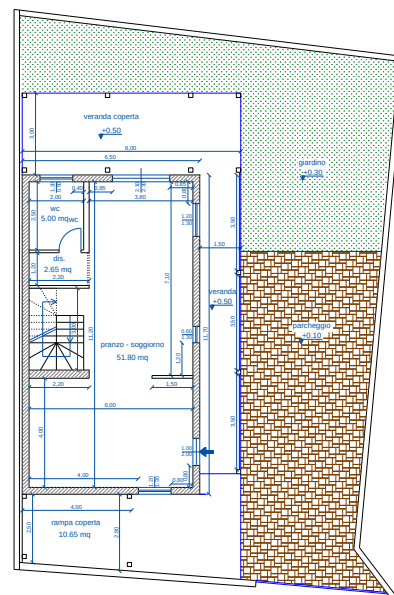
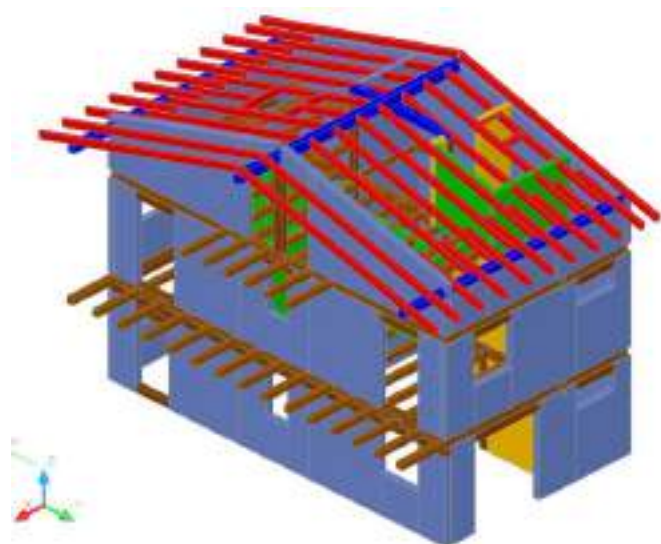
NAME OF THE CLIENT:	Francesco Federico
SERVICES PERFORMED:	Executive design, measurement and accounting processes of the works, and works supervision
LOCATION OF THE WORKS:	Messina (ME)
VALUE OF THE WORKS:	€ 650.000,00
PERIOD OF PERFORMANCE:	Running



PROJECT FOR THE CONSTRUCTION OF A BUILDING FOR CIVIL
DESTINATION AT TWO ELEVATIONS ABOVE GROUND, PLUS ATTIC
AND BASEMENT IN MARSIGLIA STREET, MUNICIPALITY OF SAPONARA

GREEN
BUILDING

NAME OF THE CLIENT:	Paolo Salvatore Badessa
SERVICES PERFORMED:	Definitive and executive design, measurement and accounting processes of the works, safety coordinator in the design phase and in the execution phase and works supervision
LOCATION OF THE WORKS:	Saponara (ME)
VALUE OF THE WORKS:	€ 354.000,00
PERIOD OF PERFORMANCE:	2012 - 2015





Studio Colonna

Engineering company

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