

... simplicity as a deep knowledge of the problems to be solved, as a search for the most effective path to find solutions to complex technical problems, as an expression of the ability to summarize and convey the idea " **Project** ", to the point that nothing can be removed and nothing added.

To design is to simplify, to simplify is not simplism.



#### **STUDIO**

Engineering is the art of bringing the real world to meet the world of ideas: the engineer is the person capable of making matter ideal and ideas materials. Hence the design approach that **puts man at the center**, as a subject capable of designing respecting the criteria of functionality, efficiency and economic convenience, operating with a broader vision that takes on the complex relationships of the project with the surroundings.

The firm was founded in 1990 on the initiative of Eng. Daniele Serio who, after graduating in 1989 at the Polytechnic of Bari in Civil Engineering, Construction section, address Structures, began his professional activity by collaborating, for several years, with Studio Vitone & Associati of Bari. Since 1993, Eng. Serio contributes, as an expert on the subject, to institutional didactic activities - classroom lectures and exercises with particular regard to the design of the foundation structures - and until 2013 he is an official member of the examination commission in the Theory and Design of Buildings discipline in ca and cap, (associate professor Prof. Ing. Amedeo Vitone), at the Faculty of Civil Engineering of the Polytechnic of Bari.

Thanks to the experience consolidated over the years, the Firm has seen a constant development of orders and, therefore, of human resources and skills, coming to have the potential for a complete management of complex projects.

The firm avails itself of the contribution of young engineers Giovanni, Alessandra and Marta with whom it has created a new internal organizational structure. Furthermore, it benefits from the consolidated support of specialized and qualified consultancy, for the in-depth analysis of problems requiring specific skills in the geological, geotechnical field and in the context of celerimetric survey activities with the aid of gps, 3D laser scanner and drone.

The Studio's activity is methodologically based on the search for **simplicity** as the best approach to design, enhanced by the refinement of lines, shapes and materials and the appeal of values such as sobriety, linearity, essentiality, elegance.



The relationship between **Static Principles** and **Structural Forms** has always characterized the design production developed over the years of the firm's activity. Correct and statically effective forms are always expressive and of attractive formal value, supported by the constant search for **the golden ratio**.

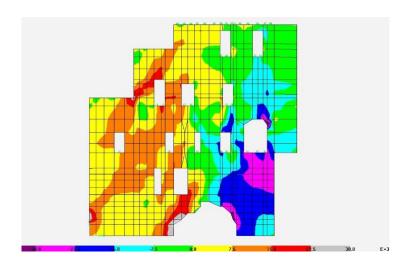
Form and Function, Aesthetics and Functionality, Safety and Economics, Beauty and Innovation, Sustainability and Simplification of Complex Problems are the **values** which have always inspired us.

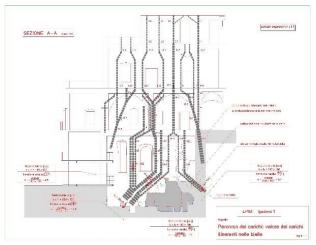
The design result is the result of the **method**:

- identification of customer needs
- extreme attention to an effective technical-scientific approach
- quality control
- timely monitoring of times and costs
- deepening and attention to construction details.

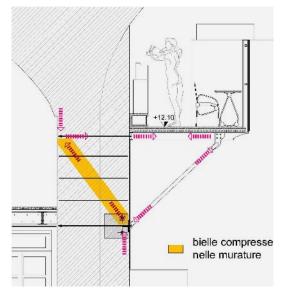


**Reliability** and **accuracy** of the solutions are guaranteed by the understanding of the **structural behavior** of the works, by the conscious use of advanced and sophisticated calculation programs, by the use of alternative methods, such as the **Load Path**, for the verification and validation of the software results.





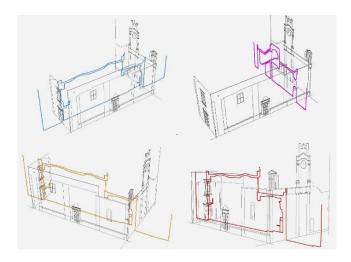
It is evident that the almost artisanal intervention and the irreplaceable use of paper and pen, pencil and colors, characterize the design process in which the use of technology represents a precious support, but does not substitute the mind and hand of the engineer.





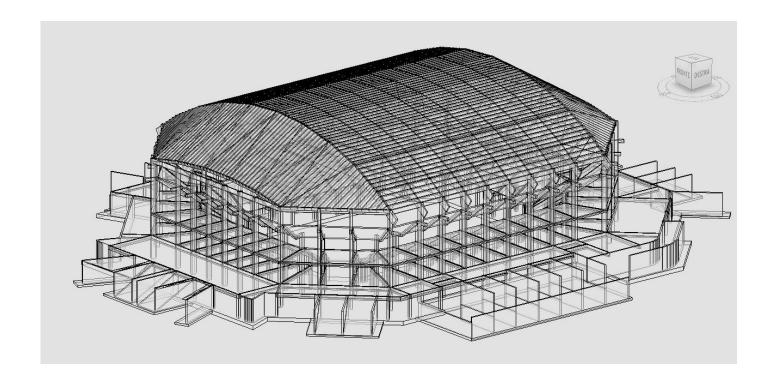
The design of complex structures in reinforced concrete, steel and wood, the consolidation and seismic adaptation of existing structures, both masonry and reinforced concrete, geotechnical consolidation for the mitigation of geomorphological risk, are the main skills of the Firm.

For this purpose, the use of current **laser scanner** survey technologies allows to obtain a faithful restitution of reality, which is essential for an appropriate and detailed design resolution, which is difficult to use with traditional methods.





With the awareness that the best solution to a problem is also the result of positive contamination, the studio has always welcomed ideas and suggestions from other disciplines relating to the design product that is therefore born from the multidisciplinary interaction between architecture, structures and systems and from the evaluation and resolution of related interference. This process, now called **BIM** ( *Building Information Modeling* ), is implemented with the help of innovative software available to the studio.



## **SOME SIGNIFICANT WORK**









MULTI-PURPOSE COMPLEX SECTION 35

Lecce, 2017 - in progress

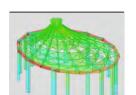
Client:

Climart s.r.l. - Lecce

Activities:

Design and DLL

Overall volume: mc 17.000,00 above ground



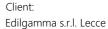






#### SAN NICOLA DI MYRA CHURCH

Lecce, 2019



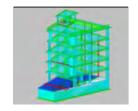
Activities:

Design of laminated wood roof

Architectural project: Arch. Manuela Di Stanislao









#### BUILDING FOR RESIDENCES VIA 95° RGT FANTERIA

Lecce, 2019 - 2021

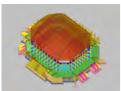
Client: Edilgamma s.r.l. Lecce

Activities:

Design and DLL structural works

Architectural project: Arch. Antonio Rinaldi









NEW "NEW ARENA" SPORTS FACILITY

Brindisi, 2020 - in progress

Client:

New Basket Brindisi

Activities:

Parent Company in the RTP for Integrated Design

Amount of works: € 15.000.000









#### SEISMIC ADJUSTMENT OF THE JOHN XXIII MIDDLE SCHOOL

Torchiarolo (BR), 2020



Municipality of Torchiarolo

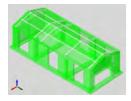
Activities:

Verification of vulnerability and seismic adjustment

Architectural project: Eng. Daniele Gravili

Amount of wall structures: € 1.200.000









#### **MASSERIA VISCIGLITO**

Lecce, 2019 - in progress

Client:

PLC SALENTO s.r.l. - Milano

Activities:

Vulnerability verification and seismic improvement - project and DLL structural interventions

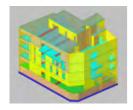
Architectural project:
Arch. Raffaele Centonze

Amount of wall structures: € 1.500.000











BUILDING FOR RESIDENCES AND COMMERCIAL ACTIVITIES - VIA SALVATORE GRANDE

Lecce, 2020

Client: PRIVATE

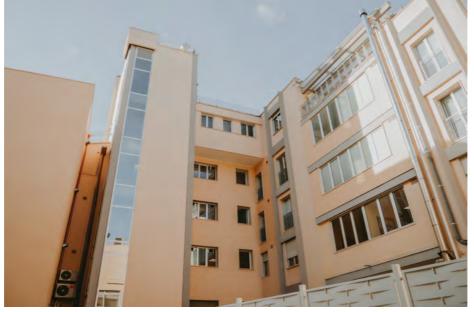
Activities: Structural design

Total area: about 1.500 square meters









REHABILITATION PRESIDO S. CHIARA INSTITUTE former Petrucciani Clinic

Lecce, 2017 - 2019



Istituto Santa Chiara s.r.l.

Activities:

Architectural design, seismic adaptation and construction management









TRP-TAP TERMINAL

Melendugno (LE), 2017 - 2020

Client: RENCO S.p.A.

Activities:

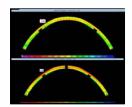
Design and DLL assistance of structural works

Architectural project: Barletti Del Grosso & Associates

Works amount of structural works: € 1.480.000,00









#### RESTORATION AND RE-FUNCTIONALIZATION OF THE LOPEZ Y ROYO BARONAL PALACE

Monteroni (LE), 2015

Client: Edilgamma s.r.l

Activities:

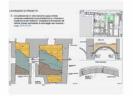
Verification of vulnerability and seismic improvement

Amount of masonry verification structures:

€ 3.500.000









#### RESTORATION AND RE-FUNCTIONALIZATION OF THE LOPEZ Y ROYO BARONAL PALACE

Monteroni (LE), 2014

Client: Edilgamma s.r.l

Activities:

RTP in the executive design of the restoration and static consolidation works

Amount of restoration work: € 1.550.000









# STATIC CONSOLIDATION OF THE ANNUNZIATA CHURCH

Arnesano (LE), 2014 - 2015

Client:

Municipality of Arnesano

Activities:

Consolidation consultancy Works management Material surveys

Architectural project: Arch. Roberto Bozza

Amount of consolidation works: € 70.000









#### **RESTORATION AND** RENOVATION MASSERIA "MORICE GRANDE"

Galatone (LE), 2017-2020

#### Client:

Morice Grande s.r.l.-Bergamo

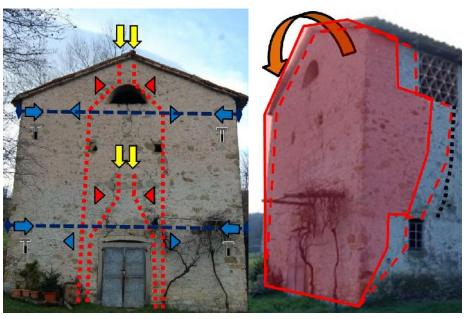
## Activities: Design of static and seismic consolidation works -Verification of vulnerability and









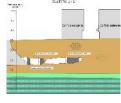


#### RENOVATION OF THE BUILDING USED AS A **BARN**

Villa Minozzo (RE), 2014

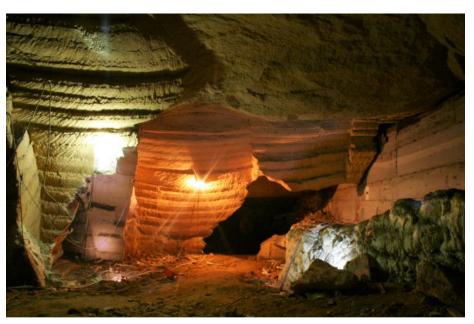


## **Activities:** Executive design of repair works and local intervention









#### **STATIC CONSOLIDATION OF** THE UNDERGROUND **CAVITIES BELOW VIA** FIRENZE 2nd LOT

Gallipoli(LE), 2014

Client: Municipality of Gallipli

#### Activities:

Preliminary and Final Design (in RTP) Coord. of Security in the Design phase

Amount of work:

€ 1.782.333









#### SEISMIC ADAPTATION AND PROJECT NEW INTERVENTIONS -CASINO MONGIO' Otranto (LE), 2014-2016

Client:

Turismo Verde s.r.l

Activities:

Preliminary, definitive and executive structural design, construction supervision

Architectural Project:

Studio Associato ElleAlfa - - Arch. F. D'Ercole

Amount of structural works: € 413.463









#### PUBLIC RESIDENTIAL BUILDING INTERVENTION Lequile (LE), 2015

Client:

Municipality of Lequile

Activities:

Architectural, structural and plant design











### PUBLIC RESIDENTIAL BUILDING IN THE BORGO LA MARTELLA

Matera, 2014

Client:

Impresa Traetta s.r.l

Activities:

RTP in the definitive project as part of the integrated contract for the award of the works

Cost of works: € 1.455.000









STATIC CONSOLIDATION AND STRUCTURAL INTERVENTIONS PALAZZO MARCHESALE Matino (LE), 2012-2013

Client:

Municipality of Matino

Activities:

Consulting to TA srl for the executive design and construction management of structures and consolidations

Progetto Architettonico:

TA s.r.l. - Venice









SECURITY OF THE AREA PROSPICIENT TO THE COLLAPSE OF THE HYPOGEAL QUARRY Gallipoli (LE), 2013 - 2015

Client:

Municipality of Gallipoli

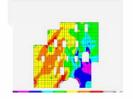
Activities:

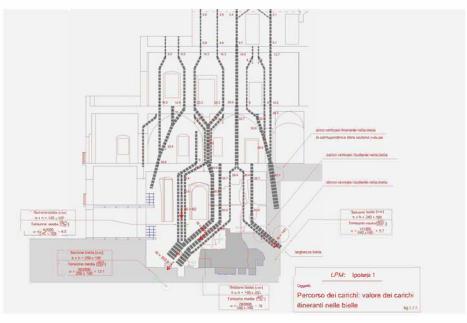
Parent Company in the RTP for the Geotechnical Consolidation Project and Works Management

Cost of works: € 699.590









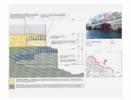
STATIC CHECK OF FUNERAL HYPOGEUM IN THE "PALAZZO DELLI PONTI" - TARANTO Taranto, 2002

Client:

Municipality of Taranto

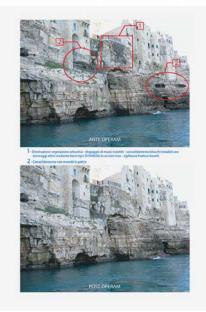
Activities:

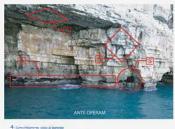
Professional consultancy to the appointed designer Studio Vitone & Associati











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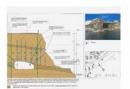
STATIC RECOVERY OF CARSICO MARINE CAVITY AND ROCKY WALLS BETWEEN THE BASTIONE OF SANTO STEFANO AND THE PALAZZESE CAVE Polignano a Mare (BA), 2013

Client: DALCAS S.p.A.

Activities:

RTP in the definitive project for the geotechnical consolidation within the integrated contract

Cost of works:: € 3.600.000













POST OPERAM





#### SECURITY OF THE COASTAL CRACKS OF SANTA CESAREA TERME

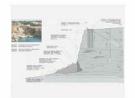
Santa Cesarea Terme (LE), 2013

Client: DALCAS S.p.A.

#### Activities:

RTP in the definitive project for the geotechnical consolidation within the integrated contract

Cost of warks:: € 3.600.000









#### CONSOLIDATION OF COSTONE ROCCIOSO IN PORTO MIGGIANO -SANTA CESAREA TERME

S. Cesarea Terme (LE), 2008-2012

Activities:

Municipality of Santa Cesarea Terme

Activity:

RTP in the Geotechnical Consolidation Project and Works Management

Cost of works: € 2.145.000



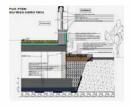






















Client: Fervida Costruzioni s.a.s

Activities:

Executive and variant design of the structures

Architectural Project: Barletti - Del Grosso e Associati s.r.l. , Eng E. Poli, Eng. A. Retucci

Amount of structural works: € 5.000.000

### INSTITUTE "MARIA CRISTINA DI SAVOIA"

Foggia, 2010-2011

#### Client:

A.T.I. Internzionale soc. coop.

#### Activities:

RTP in the architectural executive Project and seismic adaPtation

Amount of construction works: € 2.800.000



#### PROTOCOL n° 287/15 FACILITATED, AGREED BUILDING, DIRECTIONAL AND COMMERCIAL

Bari, 2003-2005

#### Client:

Development and Construction Consortium -Bari

#### Activities:

Executive structural design

Architectural Project: Arch. Angelo La Notte

Amount of structural works: € 8.000.000









#### HOSPITAL CITY OF AVELLINO Avellino, 2005 - 2006

.

Client: MaireEngineering SpA (formerly Fiatengineering)

Activities:

Executive structural design 2nd lot

Architectural project: TD&Z Associati s.r.l.

Amount of structural works: € 16.000.000









## HOSPITAL CITY OF AVELLINO

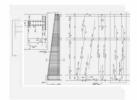
Avellino, 2001

Client: Fiatengineering s.p.a

Activities: Structural executive design Office Building

Architectural project: TD&Z Associati s.r.l.

Amount of structural works: € 1.550.000









## HOSPITAL CITY OF AVELLINO

Avellino, 1997

Llie**n**t:

Fiatengineering s.p.a

Activities:

Executive structural design 1st lot

Architectural project: TD&Z Associati s.r.l.

Amount of structural works: € 7.082.000









#### CONSTRUCTION OF BUILDING FOR HOMES IN VIA ORONZO MASSA

Lecce, 2011

Client: Leonardo s.r.l

Activities:

Executive structural design

Architectural project: Arch. Paolo Sticchi

Amount of structural works: € 250.000









CONSTRUCTION OF A BUILDING FOR RESIDENTIAL AND COMMERCIAL USE ON VIA OBERDAN Lecce, 2007

Client:

CLM costruzioni s.r.l.

Activities:

Executive structural design Architectural project: Eng. Enzo Poli

Amount of structural works € 450.000







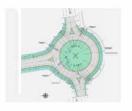


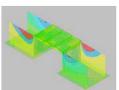
MULTI-STOREY RESIDENTIAL COMPLEX FOR N° 7 ACCOMMODATIONS Lecce, 1995

Client: EDLIA s.a.s.

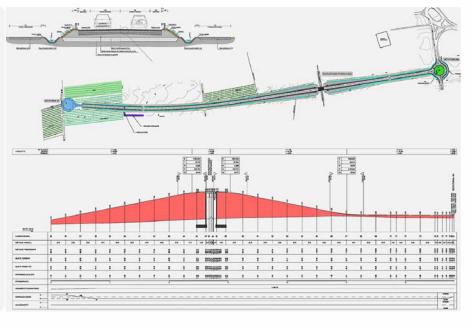
Activities:

Executive structural design









**CONNECTION BETWEEN** THE SS.PP. n ° 74 MESAGNE - SAN PANCRAZIO SALENTINO and n ° 66 **ERCHIE - SAN PANCRAZIO** SALENTINO and the SS 7 TER AND ADJUSTMENT OF THE PREDICT SS.PP.
Prov. of Brindisi, 2011 (in progress)

Client:

Province of Brindisi

Activities:

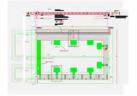
RTP in the preliminary, definitive and executive design of the road and structural works. Operational management

Cost of works:

€ 2.815.000









**STATIC ADAPTATION OF REINFORCED STEEL WORKS** IN THE CONSTRUCTION OF THE IRRIGATION NETWORK **REUSE OF WASTE WATER** Tricase (LE), 2014

Municipality of Tricase

Activities:

Final and executive structural design

Amount of reinforcement works: € 161.921









**CONSTRUCTION OF A NEW CHAPEL IN THE CITY CEMETERY** 

Lecce, 2012

Archconfraternity Maria S.S. della Provvidenza and S. Antonio Abate

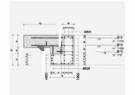
Activities:

Executive structural design

Architectural project: Arch. G. Massari









#### RENOVATION OF THE STUDENT HOUSE OF LARGO FRACCACRETA Bari, 2012

Client:

Manelli Impresa s.r.l

Activities:

Executive design of seismic retrofitting as part of the tender

Amount of structural works: € 4.000.000









RENOVATION AND FUNCTIONAL RECOVERY OF BUILDINGS TO BE USED AS A SEA TURTLE RECOVERY CENTER AND MANAGEMENT OF NATURALISTIC TOURIST SERVICES

Punta Penna Grossa (BR), 2011

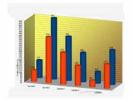
#### Client:

Management Consortium of Torre Guaceto

#### Activities:

Executive design of wooden structures

Architectural Project: Arch. Fulvio Rizzo









#### SAFETY ASSESSMENT OF A BUILDING IN VIA DEI BACINI

Porto Cesareo (LE), 2011

Client:

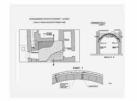
Condominium Scalo di Furno

Activities:

Structural safety assessment









STATIC CONSOLIDATION OF VILLA DEGLI ATTI Cavallino (LE), 2010

Client:

Dr. Arnaldo Degli Atti

#### Activities:

Design of consolidation interventions









CONSERVATIVE RENOVATION OF A BUILDING IN VIA LEONARDO PRATO N.44 Lecce, 2008-2009

#### Client:

Dr. A. De Nunzio

#### Activities:

Design of structural consolidation interventions

#### Architectural Project: Arch. G. Rossi

Amount of structural works: € 350.000









RECOVERY OF A BUILDING INTENDED FOR HOTEL CATERING Diso (LE), 2007

#### Client:

Edilgamma s.r.l

#### Activities:

Safety assessment, static recovery and seismic adaptation

#### Architectural Project: Ing. F. Russo

Amount of structural works: € 800.000









# RENOVATION AND EXTERNAL ARRANGEMENTS OF THE I.S.A. PELLEGRINO

Lecce, 2008-2013

Client:

Province of Lecce

Activities:

Preliminary, definitive and executive design, construction management

Cost of works: € 738.270









SECURING PROVVISORIA
OF THE BUILDINGS
AFFECTED BY THE
COLLAPSE OF THE
31/01/2009 IN PIAZZA
DANTE

Castro Marina (LE), 2010



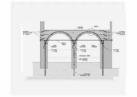
Castro Marina Recovery Consortium

Activities:

Executive design and supervision of safety measures









#### STATIC CONSOLIDATION OF MASSERIA VISCIGLITO

Lecce, 2009

Client:

Dr. Cesare Zetti

Activities:

Design of consolidation interventions

Architectural Project: Arch. M.Liaci, Arch. F. Cito









#### BUILDING TO BE USED AS A NUCLEAR MEDICINE CENTER IN VIA LECCE -MAGLIE

Cavallino (Le), 2009

#### Client:

Centro di Ricerca in Scienza delle Immagini s.r.l.

#### Activities:

Structural executive design and construction supervision

Architectural Project: TD&Z Associati S.r.l.

Amount of structural works: € 650.000









#### RADIOLOGICAL CENTER LOCATED AT THE STREET LECCE-MAGLIE Castromediano (LE), 2007

#### Client:

Centro di Ricerca in Scienza delle Immagini s.r.l

#### Activities:

Static verification, executive design of cant structures, seismic adaptation

Amount of masonry structures: € 700.000









#### CONSTRUCTION OF 4 BUILDINGS FOR CIVILIAN DWELLINGS ON VIA S.CESARIO -LECCE Lecce, 2006

#### Cliont:

Marti Costruzioni Immobiliari s.r.l

#### Activities:

Structural executive design

Architectural Project: Arch. A. Lezzi

Amount of structural works: € 4.200.000









EXTRAORDINARY
MAINTENANCE OF E.R.P.
BUILDING VIA SIRACUSA
N.113/A Lecce, 2007 - 2010

Client:

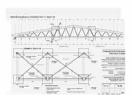
I.A.C.P. province of Lecce

Activities:

Executive design and construction supervision

Cost of works: € 494.000









STATIC VERIFICATION AND SEISMIC IMPROVEMENT OF EUROSPIN RUTIGLIANO HEADQUARTERS Rutigliano (BA), 2007

Client:

Eurospin Puglia s.p.a.

Activities:

Static verification and seismic improvement project

Cost of works: € 400.000









STEEL HELICAL STAIRCASE Lecce, 2007

Client: Pentalgroup

Pentalgroup by Officine Filoni s.r.l

Activities:

Executive design of steel structures

Architectural Project: Arch. Franco Greco









#### RESTORATION OF THE MARCHESALE CASTLE Specchia (LE), 2006

Client: Edilgamma s.r.l

Activities:
Design of static consolidations

Architectural Project: Arch. A. Baglivo









RENOVATION AND RESTORATION OF VILLA BOBO' Lecce, 2004



Edilgamma s.r.l - Lecce

#### Activities:

Executive design consolidations during construction

Amount of consolidation works: € 500.000









## RENOVATION AND VILLA RESTORATION BOBO'

Lecce, 2003-2004

Client:

Edilgamma s.r.l - Lecce

#### Activities:

Professional advice to the study in charge Barletti- Del Grosso e Associati s.r.l.

Architectural Project:

Barletti - Del Grosso e Associati s.r.l.

Amount of consolidation works: € 600.000









NEW MUNICIPAL HEADQUARTERS Surbo (LE), 1999-2004

Client:

Municipality of Surbo (LE)

Activities:

Preliminary, definitive, executive design and construction supervision

Cost of works: € 1.300.000









NURSING HOME "VILLA MARIA CECILIA" Cotigliola (RA), 1999-2000



Villa Maria Cecilia s.r.l.

Activities:

Structural executive design

Architectural Project: TD&Z Associati s.r.l

Amount of structural works: € 2.350.000









SECTOR A.S.I. INDUSTRIAL BUILDING FOR THE PRODUCTION OF STAINLESS STEEL EQUIPMENT

Galatone (LE), 2000

Client:

Tecnometal s.r.l Activities:

Structural executive design

Architectural Project: TD&Z Associati s.r.l

Amount of structural works: € 800.000









#### THREE-SECTION NURSERY SCHOOL IN GIORGILORIO

Surbo (LE), 2001-2002

Client:

Municipality of Surbo

Activities:

Professional advice to the designer in charge

Architectural Project: Eng. Enzo Poli

Cost of works: € 725.000









INDUSTRIAL TECHNICAL INSTITUTE OF CASARANO -BRANCH OF ALESSANO

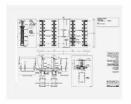
Alessano (LE), 1996-1998

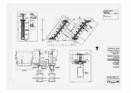
Client: IMEX s.r.l

Activities: Design of structural works

Architectural Project: TD&Z Associati e altri

Amount of structural works: € 310.000







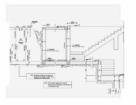


BRIDGES OVER THE SIRGOLE, ASSO AND MESCIANNA CANALS Lecce, 1997

Client: Province of Lecce

Activities:

Professional advice to the designer in charge TD&Z Associati s.r.l.









#### RESTORATION AND FUNCTIONAL RECOVERY OF THE PETRUZZELLI THEATRE Bari, 2002

#### Client:

Ministry of Cultural Heritage and Activities

#### Activities:

Consultancy to Studio Vitone & Associati for the design of structural interventions

Architectural Project: ATP, SMN, V&A, COMES and others

Amount of structural works: € 1.000.000















## CIASU - INTERNATIONAL CENTRE FOR ADVANCED

#### UNIVERSITY STUDIES Laureto di Fasano (BR), 2000

Client: CIASU

## Activities:

Consultancy to Studio Vitone & Associati for the design of structural interventions

Architectural Project: Arch. Cervini and others

Amount of structural works: € 3.500.000

AUDITORIUM PARCO DELLA MUSICA Roma, 1996-1997



Municipality of Roma

#### Activities:

Professional advice to Studio Vitone & Associati related to the design of the structures of: Galleria Sala2700- Foyer-Edificio Nord

Architectural Project:

Renzo Piano B.W.









#### **COURT OF TORRELONGA**

Bari, 2003

#### Client:

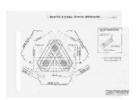
Mrs. Lucrezia De Leo - Eng. Luigi Maggi

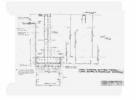
#### Activities:

Design of structures in e.a. of the rooms used for service and kitchens

Architectural Project: Eng. Luigi Maggi SMN Associates









#### **CONSTRUCTION WORK OF C.C. STATIONS**

Santeramo in Colle (BA), Ostuni (BR), Taranto Salinella, 1991



Public Works Project Puglia Region

#### Activities:

Professional advice to the designer in charge of Studio Vitone & Associati









#### **NEW SPA**

Santa Cesarea Terme (LE), 1990

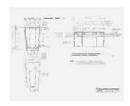
#### Client:

Municipality of Santa Cesarea Terme

### Activities:

Professional advice to the designer in charge of Studio Vitone & Associati

Amount of structural vvorks: € 2.550.000









#### **BUSINESS CENTER, VIA** S. MATARRESE

Bari, 1990-1992

Client:

Matarrese SpA Group

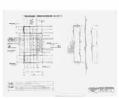
Activities:

Professional advice to the designer in charge of Studio Vitone & Associati

Architectural Project: Ottavio Di Blasi & Partners

Amount of structural works: € 1.300.000









#### **REHABILITATION AND RENOVATION OF THE BUILDING SEAT OF THE FACULTY OF FOREIGN LANGUAGES AND LITERATURES**

Bari, 1992

Client: University of Bari

Activities:

Professional advice to the designer in charge of Studio Vitone & Associati

Architectural Project: Arch. A. Cucciolla Eng. D. Santangelo

Amount of structural works: € 568.000









## **SANTA LUCIA CLINIC**

Bari, 1991

Client:

Case di cura riunite s.r.l.

Activities:

Professional advice to the designer in charge of Studio Vitone & Associati

Amount of structural works: € 6.600.000



