



## INGENIERIA ESTRUCTURAL SISMORRESISTENTE S.A. DE C.V.

WORLD TRADE CENTER TOWER (MONTECITO # 38) FLOOR 23 OFFICE 24  
COL. NAPOLES. MEXICO, D.F. 03810



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### **BUILDINGS AND HOTELS**

- **ENGINEERING PROJECT AND STRUCTURAL CALCULUS FOR TWO TOWERS OF 18 FLOORS WITH 37,000m<sup>2</sup> LOCATED IN CALZADA DE TLALPAN #550, COL. MODERNA**
  - CONTACT: ARQUITECTOMA
  
- **STRUCTURAL PROJECT OF A SET OF TWELVE BUILDINGS IN “LOMAS DEL PEDREGAL” FOR GEO WITH 31,000m<sup>2</sup>. STRUCTURES BASED IN PRE-EFFORT CONCRETE AND PREFABRICATED WITH BAYS OF 15m FREE BETWEEN COLUMNS**
  - CONTACT: ENG. GUSTAVO BONILLA – GEO
  
- **ENGINEERING PROJECT AND STRUCTURAL CALCULUS FOR THE NEW SHOWROOM OF “EL HIPODROMO DE LAS AMERICAS” or “BANAMEX CENTER” IN LOMAS DE SOTELO, APPROXIMATELY 120,000m<sup>2</sup> AREA, WITH FRAMES FOR ROOFING OF 73m OF FREE DISTANCE BETWEEN COLUMNS**
  - CONTACT: ING. GERARDO FERNANDEZ Y/O ING. ALBERTO RUIZ
  
- **DICTAMINATION, ENGINEERING PROJECT AND STRUCTURAL CALCULUS FOR “EL MUSEO DE ANTROPOLOGIA E HISTORIA” IN MEXICO CITY. APPROXIMATELY 47,000m<sup>2</sup> WITH CONCRETE AND STEEL BUILDINGS**
  - CONTACT: ARCH. LIBERTO BAHÍ
  
- **STRUCTURAL PROJECT OF THE “PABELLON CULTURAL DE LA REPUBLICA”, LOCATED IN LOS CABOS, BAJA CALIFORNIA, WITH OVER 60,000m<sup>2</sup> METALLIC AND CONCRETE STRUCTURE**
  - CONTACT: ARCH. PABLO SERRANO
  
- **REVIEW OF THE STRUCTURAL PROJECT AND SUPERVISION OF AN INTELLIGENT BUILDING, BEING THE CORPORATE OFFICES OF “3M MEXICO”, WITH AN AREA OF 30,000m<sup>2</sup> AND THE APLICATION OF ENERGY DAMPERS IN THE METALLIC STRUCTURE**
  - CONTACT: ENG. VICENTE GONZALEZ
  
- **STRUCTURAL PROJECT OF AN INTELLIGENT BUILDING OF 33 LEVELS BASED IN STEEL FRAMES KNOWN AS “TORRE POLANCO” LOCATED IN POLANCO, MEXICO CITY, W HOTEL**
  - CONTACT: ENG. ENRIQUE ROSS
  
- **RELEVELING BY USING MICROPILES OF STEEL AND SUBEXCAVATION OF THE MATERIAL UNDER THE BUILDING OF THE “MISION COLON REFORMA” HOTEL LOCATED UN**





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### **REFORMA AND MORELOS, WITH A DEPLOME OF MORE THAN 60cm IN THE SHORT WAY AND 30cm IN THE LONG WAY**

- CONTACT: LIC. ROBERTO ZAPATA
  
- **STRUCTURAL PROJECT OF THE CORPORATE OFFICES OF MICHELIN LOCATED IN THE STATE OF QUERETARO**
  - CONTACT: SPACE INTERNACIONAL
  
- **STRUCTURAL PROJECT (REVIEW AND VALIDATION) OF A 32 FLOORS BUILDING LOCATED IN AV. SANTA FE #443, COL. CRUZ MANCA WITH 42,000m<sup>2</sup>**
  - CONTACT: ARQUITECTOMA
  
- **STRUCTURAL PROJECT OF THE CORPORATE OFFICES OF AUSTROMEX LOCATED IN NAUCALPAN, MEXICO, WITH AN APPROXIMATELY AREA OF 10,000m<sup>2</sup>**
  - CONTACT: ENG. JOSE LUIS GARCIA – GDA GROUP
  
- **STRUCTURAL PROJECT OF A BUILDING IN ALTAMIRANO #130, COL. SAN RAFAEL OF 7 FLOORS**
  - CONTACT: ENG. MIRIAM SALGADO – G ACCION
  
- **STRUCTURAL PROJECT OF A BUILDING LOCATED IN MIGUEL LAURENT #713, COL. DEL VALLE WITH 7 FLOORS**
  - CONTACT: ENG. MIRIAM SALGADO – G ACCION
  
- **STRUCTURAL PROJECT OF A BUILDING IN PEDREGAL OF 7 FLOORS WITH 31,000m<sup>2</sup>**
  - CONTACT: ENG. GUSTAVO BONILLA – GEO
  
- **STRUCTURAL PROJECTS FOR “GRUPO METROPOLI ARQUITECTOS” OF THE BUILDINGS LOCATED IN:**
  - CHILPANCINGO #45, COL. CONDESA 6 FLOORS, CONCRETE STRUCTURE
  - EMPRESA #31, COL. NARVARTE 6 FLOORS, 4200m<sup>2</sup>, CONCRETE STRUCTURE
  - TAINE #230, COL. POLANCO 5 FLOORS, 1000m<sup>2</sup>, CONCRETE STRUCTURE
  - TAINE #247, COL. POLANCO 5 FLOORS, 1400m<sup>2</sup>, CONCRETE STRUCTURE
  - ZEMPOALA #104, COL. NARVARTE 4 FLOORS, 1400m<sup>2</sup>, CONCRETE STRUCTURE
  - PARROQUIA, COL. DEL VALLE 6 FLOORS, 1300m<sup>2</sup>, METALLIC STRUCTURE
  - ARISTOTELES #324, COL. POLANCO 3 FLOORS, 1000m<sup>2</sup>, METALLIC STRUCTURE
  - CAMERUN (PERIFERICO #118), 20 FLOORS Y 6 BASEMENTS, 20,000m<sup>2</sup>





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- **STRUCTURAL PROJECTS OF THE BUILDINGS LOCATED IN:**
  - OAXACA #56, COL. ROMA 8 LEVELS
  - MUSSET #3, COL. POLANCO 8 LEVELS
  - BENITO JUAREZ #92, COL. ALBERT 5 LEVELS 10,000m<sup>2</sup>
  - PARROQUIA & GABRIEL MANCERA #1602, COL. DEL VALLE 8 LEVELS
  - SEBASTIAN DE PIOMBO #41, COL. SANTA MARIA NONOALCO 6 LEVELS
- CONTACT:     ENG. ARTURO KURI
  
- **INTEGRAL PROJECT OF A 5 FLOORS BUILDING LOCATED IN AV. REVOLUCION #1392, COL. GUADALUPE INN, MEXICO, D.F., INCLUDES STRUCTURAL SUPERVISION**
  - CONTACT:     ARCH. PABLO SERRANO
  
- **ENGINEERING AND SUPERVISION OF A 12 FLOORS BUILDING AND 3 BASEMENTS IN ARQUIMEDES #225, COL. POLANCO, MEXICO CITY**
  - CONTACT:     ENG. CARLOS MURAD
  
- **ENGINEERING AND SUPERVISION OF SOME BUILDINGS OF THE MEXICAN ARMY AND ALSO HOSPITALS LOCATED IN CHIAPAS AND TORREON**
  - CONTACT:     ENG. EMILIO LETAIF
  
- **REINFORCEMENT PROJECT OF THE CORPORATE BUILDING OF “AEROMEXICO” LOCATED IN REFORMA, MEXICO, CITY**
  - CONTACT:     ENG. FCO. JAVIER PEÑA
  
- **INTEGRAL PROJECT, SUPERVISION, AND CONSTRUCTION CONTROL OF TWO BUILDINGS OF 8 FLOORS EACH AND 20,000m<sup>2</sup> FOR “FUNDACION ALOYSIUS”**
  - CONTACT:     LIC. GABRIEL CARBONELL
  
- **STRUCTURAL PROJECT OF A BUILDING OF MORE THAN 10,000m<sup>2</sup> IN IXTAPA ZIHUATANEJO, BEING USED AS A HOTEL**
  - CONTACT:     ENG. SOLAR ALEJANDRO
  
- **STRUCTURAL PROJECT OF A BUILDING FOR “ENEP” UNIVERSITY, ACATLAN, MEXICO, CITY WITH OVER THAN 6,000m<sup>2</sup>**
  - CONTACT:     ARCH. JUAN MANUEL TOVAR





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- **STRUCTURAL PROJECTS OF 8 BUILDINGS LOCATED IN AV. 20 DE NOVIEMBRE, XOCHIMILCO, MEXICO CITY WITH AN AREA OF 24,000m<sup>2</sup>**
  - CONTACT: ENG. ABRAHAM KARAM
- **STRUCTURAL PROJECT OF THE HOTEL “CLUB TROPICAL IXTAPA”**
  - CONTACT: ENG. JOSE ANTONIO MORALES
- **STRUCTURAL PROJECT OF THE WARNER LAMBERT CORPORATE IN MEXICO CITY**
  - CONTACT: ENG. FERNANDO GARCIA ZURITA

### **HOSPITALS**

- **ENGINEERING PROJECT, STRUCTURAL CALCULUS AND RE-STRUCTURATION OF THE STARMEDICA HOSPITALS:**
  - QUERETARO
  - CHIHUAHUA
  - MEXICO CITY (PRIVATE CHILDREN’S HOSPITAL)
  - CONTACT: ARCH. ALFONSO GARZA

### **RESIDENCES**

- **OVER 500 RESIDENCES & HOUSES LOCATED IN DIFFERENT AREAS AND CITIES OF MEXICO**

### **PETROCHEMICAL PLANTS**

- **ENGINEERING PROJECT AND SUPERVISION OF THE “RED DE DISTRIBUCION DE OXIDO” FOR “POLIOLES”, LOCATED IN LERMA, MEXICO’S STATE**
  - CONTACT: ENG. CESAR HERNANDEZ

### **MANUFACTURING PLANTS FOR CARS AND TRUCKS**

- **GENERAL MOTORS OF MEXICO, S.A. DE C.V. – PLANT LOCATED IN EJERCITO NACIONAL #843, MEXICO CITY, SUPERVISION OF MANY PROJECTS:**
  - PATHWAYS AND SECURITY SYSTEMS





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- RACKS Y ROOFING
- INSTALATIONS AND EQUIPMENT
- AUTOMATIONS
- CONVEYORS
- COOLING SYSTEMS
- ETC,
- CONTACT:      ENG. FERNANDO TREJO CERVERA
  
- **TREMEC S.A. DE C.V. – PROJECT FOR A NEW INDUSTRIAL BAY IN THEIR PLANT LOCATED IN QUERETARO**
  - CONTACT:      ENG. EMILIO MENDOZA
  
- **GIDEL & KOCAL – CHRYSLER OF MEXICO – REINFORCEMENT PROJECTS FOR INDUSTRIAL BAYS FOR THEIR DEFFERENT AGENCIES IN MEXICO:**
  - KAHAN
  - INTERLOMAS
  - NAUCALPAN
  - CONTACT:      ARCH. ELIZABETH HUERTA

### INDUSTRIAL BAYS

- **PROJECT AND SUPERVISION FOR STEEL STRUCTURE FOR “BUFETE INDUSTRIAL” AND “IFAMESA”. OVEN LOCATED IN LAZARO CARDENAS WITH MORE THAN 100m HEIGHT AND MORE THAN 3,500Tons OF STEEL**
  - CONTACT:      ENG. ANTONIO CUEVAS
  
- **CENTRAL OF SUPPLY (INDUSTRIAL BAYS) FOR STORAGE**
  - CONTACT:      ARCH. JORGE FARAH
  
- **INDUSTRIAL BAYS IN CUERNAVACA FOR “GRUPO FLOVA Y AIRE SELLADO”**
  - CONTACT:      ENG. MAURICIO FLOVA
  
- **CERVECERIA CUAUHEMOC (REINFORCEMENT PROJECTS FOR THEIR WAREHOUSE OF BEER PRODUCTION)**
  - CONTACT:      ENG. ENRIQUE GARCIA





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- **INDUSTRIAL BAYS PROJECTS IN ALTAMIRA FOR “POLIOLES”**
  - CONTACT: ENG. MAURICIO FLORES
  
- **STRUCTURAL PROJECT FOR KENNER PLANT IN TOLUCA**
  - CONTACT: ENG. JOSE LUIS GARCIA – GRUPO GDA
  
- **STRUCTURAL PROJECT FOR AUSTROMEX**
  - CONTACT: ENG. JOSE LUIS GARCIA – GRUPO GDA
  
- **STRUCTURAL PROJECT FOR PFP (PREVENTIVE FEDERAL POLICE) IN TOLUCA, MEXICO’S STATE**
  - CONTACT: ENG. ENRIQUE DOMINGUEZ

### **ELECTRIC SUB-STATIONS**

- **STRUCTURAL PROJECT AND MASONRY FOR SUB-STATIONS FOR THE “COMISION FEDERAL DE ELECTRICIDAD” AND FOR “SIEMENS” LOCATED IN DIFFERENT CITIES:**
  - MADERO
  - CULIACAN
  - PUEBLA
  - MONTERREY
- CONTACT: ENG. ALEJANDRO FLORES

### **SPORTS CENTERS**

- **INTEGRAL PROJECT, SUPERVISION FOR “FUNDACION ALOYSIUS” IN MEXICO’S STATE FOR:**
  - GYM (3,200m<sup>2</sup>)
  - SEMI – OLIMPIC POOL
  - WATER TREATMENT PLANT, 5000 PEOPLE
  - ELEVATED TANK
  - FOOTBALL AND BASKETBALL FIELDS





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- **STRUCTURAL PROJECT OF A CLUB HOUSE IN ATZOYAPAN, STEEL STRUCTURE WITH FREE SPACE BETWEEN COLUMNS OF 60m AND 6000m<sup>2</sup> OF CONSTRUCTION**
  - POOL
  - ELEVATED TANK OF 52m
  - CONTACT: ENG. MARIO VILLAFAN – NOLTE DE MEXICO
  
- **NADER SPORT CENTER**
  - REINFORCEMENT PROJECT AND LEVELING OF SEVERAL STRUCTURES OF CONCRETE AND STEEL OF 6 LEVELS WITH 34,000m<sup>2</sup>
  - CONTACT: LIC. ROBERTO ATHIE
  
- **LEBANESE CENTER (NEW AREAS), MEZZANINES**
  - CONTACT: C.P. MAURICIO CHARFEN / ENG. ANTONIO MUSSI
  
- **SPORT CITY:**
  - CUAUTITLAN
  - LOMAS VERDES
  - COYOACAN (CLUB AND MALL)
  - LINDAVISTA
  - POLANCO
  - ECATEPEC
  - AZCAPTZALCO
  - CUERNAVACA (CLUB AND MALL)
  - ACOXPA
  - COATZACOALCOS
  - ARAGON
  - ECATEPEC (PLAZA LAS AMERICAS)
  - SANTA FE
  - QUERETARO
  - LOMAS PLAZA (PERIFERICO SUR)
  - CONTACT: ENG. ALICIA ANDONEGUI / ARCH. LUIS PIZA

### AIRPORTS

- **PROJECTS FOR NEW AREAS AND REINFORCEMENT PROJECTS FOR DIFFERENT STRUCTURES IN MEXICO LIKE: DURANGO, MONTERREY & COZUMEL**
  - CONTACT: ENG. MURGUIA JULIO

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- **STRUCTURAL PROJECT FOR THE EXPANSION OF THE AIRPORT OF VALLARTA**
  - CONTACT: SPACE INTERNACIONAL

### **OTHER PROJECTS**

- **TV AZTECA, UNEFON AND ELEKTRA**
  - STRUCTURAL ADVISERS
  - REINFORCEMENT PROJECT OF THE PARKING LOT
  - STRUCTURAL PROJECT OF THE PRESIDENCY
  - STRUCTURAL REVIEW OF THE CORPORATE BUILDING
  - STRUCTURAL DICTAMINATION OF THE CORPORATE IN CUCUILCO
  - CONTACT: ENG. PATRICIA SANCHEZ
- **CHIMNEY OF 107m HEIGHT AND 10m DIAMETER FOR “SAINT GOBAIN”**
  - CONTACT: GUZZI CONSTRUCCIONES S.A. DE C.V.
- **LA FERIA DE CHAPULTEPEC:**
  - TOWER “POWER TOWER” 52m HEIGHT
  - STRUCTURAL REVIEW OF THE “ROLLER COASTER”
  - REVIEW AND DESIGN OF THE FOUNDATIONS OF THE “INFINITUM” MOUNTAIN
  - REVIEW AND DESIGN OF THE FOUNDATIONS OF THE “ALADINO” GAME
  - CONTACT: GRUPO MAGICO / CIE
- **STRUCTURAL PROJECTS IN LOMAS VERDES**
  - CONTACT: ENG. MARIO VILLAFAN – NOLTE DE MEXICO
- **ALUMINIUM TENTS PROTOTYPES FOR DIFFERENT ZONES IN THE MEXICAN REPUBLIC**
  - CONTACT: MR. ELADIO RAMIREZ
- **CONSTRUCTION AND SUPERVISION OF THE “SECRETARIA DE FINANZAS Y CONTADURIA DEL DEPARTAMENTO DEL DISTRITO FEDERAL” CONTEST No. LIR/SF/SSG/0337/97**
- **ARCHDIOCESE OF MEXICO (CHUCHES AND TEMPLES)  
STRUCTURAL PROJECT WITH RESPECTIVE SUPERVISION**





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- **LA SALLE UNIVERSITY:**
  - PROJECTS FOR MEZZANINES, AND REINFORCEMENT PROJECTS IN LABORATORIES AND WORKSHOPS
  - PROGRAMS, SOFTWARE FOR CALCULATION AND CONSTRUCTION OF THE STEEL STRUCTURE FOR THE ROOFING AT THE PLAZA
  - CONTACT: ENG. GERARDO PASTRANA
  
- **TELEFONOS DE MEXICO (INTEGRAL PROJECTS FOR OFFICES)**
  - CONTACT: ENG. GILLERMO SIMON ABUMRAD
  
- **DENNY'S (STRUCTURAL PROJECTS FOR RESTAURANTS)**
  - CONTACT: ENG. GUILLERMO SIMON ABUMRAD
  
- **SANBORN'S (STRUCTURAL PROJECTS FOR STORES)**
  - CONTACT: ENG. GUILLERMO SIMON ABUMRAD
  
- **SET IMAQ – TIJUANA (1,000 HOUSES)**
  - CONTACT: ENG. LUIS ARROYO
  
- **SET QUERETARO (200 HOUSES)**
  - CONTACT: GRUPO PLANARQ
  
- **UNITED STATES TRADE CENTER (INDUSTRIAL BAY FOR NEW OFFICES) AND REINFORCEMENT PROJECTS IN THE ACTUAL BUILDING**
  - CONTACT: ENG. CARLOS HERNANDEZ
  
- **“AUDITORIO NACIONAL” STRUCTURES FOR TENTS AT ESPLANADE**
  - CONTACT: ENG. CARLOS MURILLO
  
- **MEXICAN ARMY: BRIDGES FOR MILITARY VEHICLES**
  - CONTACT: ENG. OMAR SARABIA
  
- **PROCURADURIA GENERAL DE LA REPUBLICA:**
  - MONTERREY, NUEVO LEON
  - GUADALAJARA
  - CONTACT: LLERENA FELIX





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### TEMPLES

- CHURCH AT VASCO DE QUIROGA AV. AND SANTA FE AV. STEEL STRUCTURE AND CONCRETE DESIGNED BY THE ARCH. SORDO MADALENO
  - CONTACT: MARHNOS
- “NUESTRA SEÑORA DE LIBANO” CHURCH LOCATED IN MANZANOS, COL. FLORIDA
  - CONTACT: BISHOP GEORGE ABIYUNES
- STRUCTURAL CALCULUS OF THE CROSS OF 40m HEIGHT OF THE ESPERANZAS CHURCH LOCATED IN PERIFERICO IN FRONT OF PERISUR
  - CONTACT: ARCH. ATOLINI LACK

### BRIDGES

- BASIC ENGINEERING PROJECT FOR A PEDESTRIAN BRIDGE FOR PEMEX VENTA DE CARPIO, STATE OF MEXICO
  - CONTACT: ENG. MARTIN SANCHEZ
- BASIC ENGINEERING FOR VEHICLES BRIDGES IN THE GOLF CLUB, INTERLOMAS, STATE OF MEXICO
  - CONTACT: ENG. ANGELICA LOPEZ
- BASIC ENGINEERING FOR VEHICLES BRIDGES IN THE GOLF CLUB AVANDARO, VALLE DE BRAVO, STATE OF MEXICO
  - CONTACT: ENG. JOSE LUIS SALAMANCA

### SETS FOR MOVIES

- STRUCTURAL CALCULUS FOR THE BOAT STRUCTURE, AND THE DOME OF THE MAIN STAIRS, USED IN THE MOVIE “TITANIC” OF JAMES CAMERON
- STRUCTURAL CALCULUS FOR THE WATER MILL USED IN THE MOVIE “THE MASK OF ZORRO”, TWENTIETH CENTURY FOX
- STRUCTURAL CALCULUS OF THE SUBMARINE LAB USED IN THE MOVIE “DEEP BLUE”, TWENTIETH CENTURY FOX
  - CONTACT: ENG. MAURICIO FLORES VARGAS

