

Edward Moran Project List

RESIDENTIAL

PROJECT TITLE AND LOCATION:	TRINITY COLLEGE GOLDSMITH HALL RESIDENCE, DUBLIN, IRELAND.
YEAR:	1995
BRIEF DESCRIPTION:	Six story, 87000 sf, student residence using load bearing masonry walls, precast concrete floor slabs on vibration isolated piled foundations.
RESPONSIBILITIES:	Senior Structural Engineer responsible for design & supervision of drafting staff.
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PROJECT TITLE AND LOCATION:	SHOOTING CLUB HOUSE, COLUSA, CA, USA.
YEAR:	2009
BRIEF DESCRIPTION:	10000 sf double story elevated structural steel building in a flood zone on spread foundations.
RESPONSIBILITIES:	Owner of consultancy & responsible for structural design & supervision of drafting staff.
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PROJECT TITLE AND LOCATION:	MULTIPLE (>1000) CUSTOM HOME PROJECTS, CALIFORNIA, USA.
YEAR:	2000 - 2010
BRIEF DESCRIPTION:	Custom homes, ranging in size from 1500-8000 sf, using traditional stick frame, SIP's, strawbale, ICF's, timber log, masonry, light gauge steel structural systems.
RESPONSIBILITIES:	Owner of consultancy & responsible for structural design & supervision of drafting staff.
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PROJECT TITLE AND LOCATION:	SUTTER COTTAGES, YUBA CITY, CA, USA.
YEAR:	2002
BRIEF DESCRIPTION:	Residential development with 29, 1500-2400 sf, stick framed houses on 3 acre site.
RESPONSIBILITIES:	Owner of consultancy & responsible for quality assurance of structural design.
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PROJECT TITLE AND LOCATION:	MOUNT NELSON HOTEL, CAPE TOWN, SOUTH AFRICA.
YEAR:	1984
BRIEF DESCRIPTION:	Renovation & addition to an existing, 160000 sf, multi-story timber framed/masonry structure.
RESPONSIBILITIES:	Engineer-in-training responsible for detailed design & drafting.
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PROJECT TITLE AND LOCATION:	REEDS HOTEL, CARDIFF, WALES.
YEAR:	1988
BRIEF DESCRIPTION:	Four story, 45000 sf, load bearing masonry structure with precast concrete floor slabs.
RESPONSIBILITIES:	Structural Design Engineer responsible for design & supervision of drafting staff.
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COMMERCIAL

PROJECT TITLE AND LOCATION: GIANT TMC HYPERMARKET, JOHOR BAHRU, MALAYSIA.

YEAR: 1997

BRIEF DESCRIPTION: 1 million square foot commercial development constructed within a 6 month contract period. Single story steel structure on driven precast concrete pile foundations.

RESPONSIBILITIES: Senior Structural Engineer responsible for the supervision of design, drafting & construction supervision staff.

PROJECT TITLE AND LOCATION: SIN SOON LEE OFFICE DEVELOPMENT, KUALA LUMPUR, MALAYSIA.

YEAR: 1997

BRIEF DESCRIPTION: 25 story twin tower office development over 4 story basement. In situ reinforced concrete superstructure with diaphragm wall basement on a raft foundation.

RESPONSIBILITIES: Senior Structural Engineer responsible for the supervision of design, drafting & construction staff.

PROJECT TITLE AND LOCATION: PARIS CASINO CAR PARK, LAS VEGAS, NV, USA.

YEAR: 1998

BRIEF DESCRIPTION: Seven story car park, 7500 spaces, structure using a precast prestressed concrete frame, post tensioned floor slabs & in-situ concrete shear wall structure.

RESPONSIBILITIES: Senior Structural Engineer responsible for design & supervision of drafting staff.

PROJECT TITLE AND LOCATION: IFSC, CUSTOM HOUSE DOCKS DEVELOPMENT, DUBLIN, IRELAND.

YEAR: 1989

BRIEF DESCRIPTION: 1 million sf multi story commercial development using reinforced concrete & structural steel superstructures on bored cast-in-place pile foundations.

RESPONSIBILITIES: One of four Lead Structural Engineers responsible for design & supervision of drafting & site staff.

PROJECT TITLE AND LOCATION: WILSON SETTLERS VILLAGE, SHOPPING CENTER, WHEATLAND, CA, USA.

YEAR: 2005

BRIEF DESCRIPTION: Single story, 48000 sf, tilt-up reinforced concrete wall & trussed roof commercial center.

RESPONSIBILITIES: Owner of consultancy & responsible for structural design & supervision of drafting staff.

PROJECT TITLE AND LOCATION: AZTEC OFFICE DEVELOPMENT, YUBA CITY, CA, USA.

YEAR: 2001

BRIEF DESCRIPTION: Double story, 9000 sf, medical office development using stick framed walls, trussed floors & roof on spread foundations.

RESPONSIBILITIES: Owner of consultancy & responsible for structural design & supervision of drafting staff.

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PROJECT TITLE AND LOCATION: SDA CHURCH, OREGON HOUSE, CA, USA.
YEAR: 2006 - 2010
BRIEF DESCRIPTION: Double story, 4000 sf, church & support space using stick framed walls, trussed floors & roof on spread foundations.
RESPONSIBILITIES: Owner of consultancy & responsible for structural design & supervision of drafting staff.

PROJECT TITLE AND LOCATION: GRANITE BAY VILLAGE CENTER, GRANITE BAY, CA, USA.
YEAR: 2001
BRIEF DESCRIPTION: Double story, 29000 sf, commercial development using stick framed walls, trussed floors & roof on spread foundations.
RESPONSIBILITIES: Owner of consultancy & responsible for structural design & supervision of drafting staff.

PROJECT TITLE AND LOCATION: MULTIPLE STEEL FRAMED BUILDINGS, CALIFORNIA, USA.
YEAR: 2000 - 2010
BRIEF DESCRIPTION: Single story structures for industrial & agricultural use.
Steel framed structures on spread foundations.
RESPONSIBILITIES: Owner of consultancy & responsible for structural design & supervision of drafting staff.

PROJECT TITLE AND LOCATION: MULTIPLE LIGHT COMMERCIAL BUILDINGS, CALIFORNIA, USA.
YEAR: 2000 - 2010
BRIEF DESCRIPTION: Structures for commercial use using traditional stick framed construction on spread foundations.
RESPONSIBILITIES: Owner of consultancy & responsible for structural design & supervision of drafting staff.

PROJECT TITLE AND LOCATION: ANANDA ART STUDIO, NEVADA CITY, CA, USA.
YEAR: 2008
BRIEF DESCRIPTION: Single story, 8000 sf, insulated concrete form structure with timber framed roof & spread foundations.
RESPONSIBILITIES: Owner of consultancy & responsible for structural design & supervision of drafting staff.

PROJECT TITLE AND LOCATION: MONTEL OFFICES, WANDSWORTH, LONDON, UK.
YEAR: 1987
BRIEF DESCRIPTION: Five story structural steel framed building, over a reinforced concrete basement on a raft foundation.
RESPONSIBILITIES: Structural Design Engineer responsible for design & supervision of drafting & site staff.

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INDUSTRIAL

PROJECT TITLE AND LOCATION: WYETH MEDICA PHASE 2 DEVELOPMENT, NEWBRIDGE, IRELAND.
YEAR: 1996
BRIEF DESCRIPTION: Variety of structural steel (2500 tonnes) buildings on pad & raft foundations.
RESPONSIBILITIES: Senior Structural Engineer responsible for design & supervision of drafting & site staff.

PROJECT TITLE AND LOCATION: SYNTEX DEVELOPMENT, ENNIS, IRELAND.
YEAR: 1991
BRIEF DESCRIPTION: Four story structural steel pharmaceutical building constructed within an existing shell.
RESPONSIBILITIES: Senior Structural Engineer responsible for design & supervision of drafting staff.

PROJECT TITLE AND LOCATION: THORP NUCLEAR WASTE PROCESSING PLANT, SELLAFIELD, UK.
YEAR: 1985
BRIEF DESCRIPTION: Large scale multi-story reinforced concrete structure.
RESPONSIBILITIES: Design Engineer responsible for structural design of encast items & supervision of drafting.

PROJECT TITLE AND LOCATION: INTEL LEISURE FACILITIES, LEIXLIP, IRELAND.
YEAR: 1993
BRIEF DESCRIPTION: Single story, 11000 sf, structural steel framed building on pad foundations.
RESPONSIBILITIES: Senior Structural Engineer responsible for design & supervision of drafting & site staff.

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U.S. GOVERNMENT

PROJECT TITLE AND LOCATION: AIR FORCE RESEARCH LABORATORY ADDITION, ROME, NY, USA.

YEAR: 2009

BRIEF DESCRIPTION: Renovation of & 20000 sf addition to an existing single story structural steel framed building.

RESPONSIBILITIES: Owner of consultancy & responsible for quality assurance of structural design.

PROJECT TITLE AND LOCATION: TO20 SHALBAH LOG BASE, ARMY HQ, AL-BASRAH, IRAQ.

YEAR: 2009

BRIEF DESCRIPTION: 160 single story masonry structures, ranging in size from 3000 to 18000 sf, with reinforced concrete slab roofs & spread foundations.

RESPONSIBILITIES: Owner of consultancy & responsible for quality assurance of structural design.

PROJECT TITLE AND LOCATION: BLDG 906, AIR MOBILITY COMMAND, TRAVIS AFB, CA, USA.

YEAR: 2003

BRIEF DESCRIPTION: Renovation of & addition to 6000 sf to a masonry structure with timber framed roof.

RESPONSIBILITIES: Owner of consultancy & responsible for design & supervision of drafting staff.

PROJECT TITLE AND LOCATION: BRITISH EMBASSY, MT WORKSHOP, KABUL, AFGHANISTAN.

YEAR: 2007

BRIEF DESCRIPTION: Single story structural steel building using available materials to British design standards.

RESPONSIBILITIES: Owner of consultancy & responsible for structural design & supervision of drafting staff.

PROJECT TITLE AND LOCATION: FIRE STATION, PALMDALE AIR FORCE PLANT, CA, USA.

YEAR: 2006

BRIEF DESCRIPTION: 6000 sf double story light gauge steel structure on spread foundations.

RESPONSIBILITIES: Owner of consultancy & responsible for structural design & supervision of drafting staff.

PROJECT TITLE AND LOCATION: BLDG 263 RENOVATION, PRESIDIO OF MONTEREY, CA, USA.

YEAR: 2005

BRIEF DESCRIPTION: Renovation of three story structure & provision of new structural steel access & fire escape routes.

RESPONSIBILITIES: Owner of consultancy & responsible for structural design & supervision of drafting staff.

PROJECT TITLE AND LOCATION: LOX FACILITY, BEALE AFB, CA, USA.

YEAR: 2004

BRIEF DESCRIPTION: Single story masonry structure, LOX tank support & access roads.

RESPONSIBILITIES: Owner of consultancy & responsible for structural design & supervision of drafting staff.

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PROJECT TITLE AND LOCATION:	INTEL BLDG 2145 RENOVATION, BEALE AFB, CA, USA.
YEAR:	2004
BRIEF DESCRIPTION:	Demolition & reconstruction of interior elements of a double story reinforced concrete structure.
RESPONSIBILITIES:	Owner of consultancy & responsible for structural design & supervision of drafting staff.
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PROJECT TITLE AND LOCATION:	GEN. REPLACEMENT, PILLAR POINT POWER PLANT, VANDENBERG AFB, CA, USA.
YEAR:	2009
BRIEF DESCRIPTION:	Structural steel frames to support new filters & ductwork on spread foundations.
RESPONSIBILITIES:	Owner of consultancy & responsible for structural design & supervision of drafting staff.
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PROJECT TITLE AND LOCATION:	SHOP GAS & FOOD, KEESLER AFB, MISSISSIPPI, USA.
YEAR:	2004
BRIEF DESCRIPTION:	20000 sf single story structural steel framed commercial building.
RESPONSIBILITIES:	Owner of consultancy & responsible for structural cladding design.
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PROJECT TITLE AND LOCATION:	YUBA CO. OFFICE OF EDUCATION SCHOOL, MARYSVILLE, CA, USA.
YEAR:	2005
BRIEF DESCRIPTION:	Double story, 34000 sf, renovation of & addition to an existing industrial structure. Masonry walls with an internal structural steel frame on spread foundations.
RESPONSIBILITIES:	Owner of consultancy & responsible for structural design & supervision of drafting staff.
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