

UNITED ARCHITECTS OF THE PHILIPPINES
The Integrated and Accredited Professional Organization of Architects

35th UAP
NATIONAL
CONVENTION
THE POWER OF ARCHITECTURE
DREAM . CREATE . TRANSFORM

23-26 APRIL 2009
SMX CONVENTION CENTER, SEASHELL LANE, SM BAY CENTRAL,
CENTRAL BUSINESS PARK-IA, PASAY CITY

Sheryll Cornejo, M.D.

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Logo Design Concept & Rationale



Dream – a state of mind where all visions of creation and design are born. Its various colors and levels represent each and every unique designed by its creator.



Create – the stage where visions, imagination and design come to life. It represents the realization of each dream and proper implementation of the design. Pointing upward, it symbolizes architecture, progress, and ever developing trends.



Transform – the gift of designers to affect and change lives proving that architecture does not only serve a utilitarian purpose. A visual profession, it is an undying flame, a source of inspiration.



Representing the challenges that have been conquered by architects through vision, ingenuity, and perseverance.



Symbolizing the professional organization, it remains at the forefront of change, leading the way that everyone may **"dream, create, and transform."**



Logo design by
Carlo Fundador B. Marudo, uap

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UNITED ARCHITECTS OF THE PHILIPPINES

The Integrated and Accredited Professional
Organization of Architects

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Logo Rationale	1
Messages	5
Executive Committee	29
District Directors	30
Executive Directors	31
The Organizing Committee	32
National Administration Office	36
Program Outline	42
Detailed Program	46
Speakers' Profile	75
Features	82
Photo Collage	122
Directory of Chapter Presidents	130
Site Map	138
Booth Layout	139
List of Exhibitors	140

This magazine is published every year by the United Architects of the Philippines for the National Convention. This Magazine is available free-of-charge to convention delegates and sponsors. Limited copies will be available after the Convention at the UAP National Headquarters.

For questions, comments, and suggestions, please get in touch with the UAP Secretariat, 53 Scout Rallos St., Diliman, Quezon City, Philippines, telephone numbers (632) 412-6364, 412-6403, or fax number (632) 372-1796. You can also get in touch with us through email at uapnational@yahoo.com or access information through website: www.united-architects.org.



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Discover Macau's many delightful surprises! Direct flights to Macau are available from Manila and Clark, Pampanga on Air Macau, Philippine Airlines and Cebu Pacific. From Hong Kong, take the Turbojet Sea Express from HKIA, the regular Turbojet from the HK Ferry Terminal, or the First Ferry Service from the Kowloon Ferry Terminal.

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35th UAP National Convention

The Power of Architecture
DREAM • CREATE • TRANSFORM

Message

Republic of the Philippines
OFFICE OF THE PRESIDENT



My sincere greetings to the officers and members of the United Architects of the Philippines as you hold your 35th UAP National Convention.

I am optimistic that with your continued support and involvement, we will be able to implement our massive infrastructure project, which is part of our stimulus package to cushion the impact of the global financial crisis on our economy.

I hope that through your annual convention with the theme, "The Power of Architecture - Dream, Create and Transform," you will be able to map out strategies that will respond to the challenges and opportunities facing your profession, thus making you more competent and equipped to perform your tasks.

The holding of the UAP Convention Exhibits (CONEX) 2009, as part this convention, is also timely as it will showcase the new technologies, innovation and trends in the construction industry.

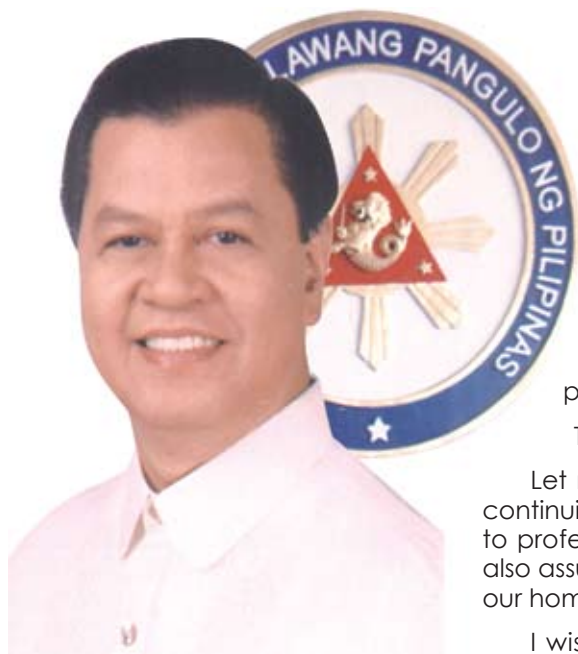
May you have a fruitful convention and exhibit, Mabuhay!

Gloria Arroyo
GLORIA MACAPAGAL ARROYO
President
Republic of the Philippines



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Republic of the Philippines
OFFICE OF THE VICE PRESIDENT



My warmest greetings to the officers and members of the United Architects of the Philippines (UAP) as you gather for your 35th National Convention and as you hold the UAP Convention Exhibits.


In more ways than one, the UAP has been a partner of our government in the effort to provide our countrymen, particularly the socialized housing and OFW sectors, with affordable, presentable and quality homes.

Thank you, UAP, for this partnership.

Let me also congratulate your Association for your dedication to the continuing professional advancement of your members. Your commitment to professional excellence not only helps the career of your members; it also assures our countrymen of high-caliber service from those who design our homes and vertical structures.

I wish you all the best as you hold your national convention. I also extend my welcome to all the guests and participants in your exhibit.

Mabuhay!


NOLI "KABAYAN" DE CASTRO
Vice President
Republic of the Philippines

35th UAP National Convention
The Power of Architecture
DREAM • CREATE • TRANSFORM

Message

Republic of the Philippines
SENATE

I would like to convey my warmest greetings to the officers and members of the United Architects of the Philippines (UAP).

I am certain that architects from all over the country are looking forward to participate in the 35th UAP National Convention on April 23-25, 2009 at the SMX Convention Center. This is an opportune time and venue to exchange ideas and insights and compare the latest in trends and technology in the construction industry. It is noteworthy that UAP is also holding the Convention Exhibits (CONEX) 2009 in conjunction with this event. With more than 200 manufacturers and suppliers participating in the CONEX, the public will have a better appreciation of the industry, the challenges confronting the industry players, and the possible solutions thereto in order to strengthen and develop the practice of architecture and other related professions here in our country.

I wish the organizers and participants a very productive and successful 35th National Convention. More power to the United Architects of the Philippines!



JUAN PONCE ENRILE
Senate President



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Republic of the Philippines
SENATE



My warm greetings to the Officers and Members of the United Architects of the Philippines (UAP) on your 35th National Convention this April 23-25, 2009 at the SMX Convention Center, Pasay City, with the theme: "The Power of Architecture – Dream, Create, and Transform."

I would like to congratulate all the members of the UAP National Board of Directors, your Past Presidents and Officers, and the more than 2,000 Filipino registered and licensed architects nationwide who will be participating in this national gathering.

Moving the issues of environmental sustainability into the mainstream has been a significant development in the architecture profession. May you faithfully integrate sustainable principles of environment into your projects.

I wish that you will all have a great time in your 35th National Convention.

Mabuhay kayo!


AQUILINO Q. PIMENTEL, JR.
Senator

35th UAP National Convention
The Power of Architecture
DREAM • CREATE • TRANSFORM

Message

Republic of the Philippines
HOUSE OF REPRESENTATIVES

I extend my most cordial greetings to the officers, members and staff of the United Architects of the Philippines (UAP) on your 35th UAP National Convention on April 23-25, 2009 at the SMX Convention Center, Pasay City.

Your theme, "The Power of Architecture – Dream, Create, and Transform" is a strong and reassuring indication of your dynamism and why your organization was thrice recognized as the Most Outstanding Accredited Professional Organization by the Professional Regulations Commission (PRC).

Your commitment to showcase the new technologies, innovation and trends in the architectural field through your "UAP Convention Exhibits (CONEX) 2009" is commendable. I am assured that your more than 2,000 members/delegates and 300 participating manufacturers/suppliers will benefit from this event and will infuse more efficiency and creativity in the practice of your profession.


We in the House of Representatives have crafted and approved the P1.415-trillion national budget for 2009 with greater emphasis on education, nationwide infrastructure spending, social services and funding stimulus to reinvigorate the economy.

We are likewise committed to fostering performance, transparency and accountability through quality reform legislation so that we can raise the quality of life of our people. Let us sustain the gains we have painstakingly achieved and spread its benefits to benefit our countrymen throughout the archipelago.

I call on UAP's greater participation as we find solutions to help our country thrive in the face of global economic challenges.

Mabuhay!

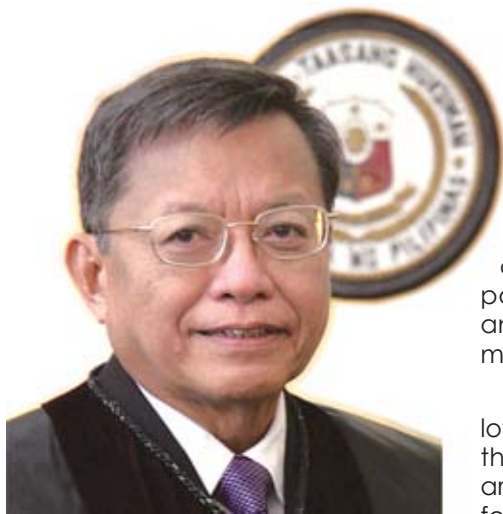



PROSPERO C. NOGRALES
Speaker of the House



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Republic of the Philippines
SUPREME COURT



Many associate architecture with nothing more than the design of structures. It is often thought of as a field that relates to the aesthetics alone – how a building, a bridge, or a house will look like. But the significance of architecture is so much more than appearance alone. In the heart of every architect should be the people, the human population, who will be working in that building, crossing that bridge, and most ultimate purpose, it seems to me, must be the improvement of mankind.

Architecture is one of those professions where brilliance stems out of love. It is a profession where one strives out of his or her desire to create the greatest ambiance possible in the celebration of life. That is what architecture is about – it is not only about designing, but about designing for the people, who just like the architects are journeying through life.

In the 35th UAP National Convention, it is my hope that you would all continue to stay true to your profession. Poor architecture is an injustice to the people who are in pursuit of happiness. It is an injustice to the people who embrace life and have vowed to live to the fullest. Thus, it is a profession of excellence, because the human population demands and deserves nothing less than the best.

Take this opportunity of meeting your colleagues to exchange ideas and experiences to build better buildings, bridges, and homes for all types of people, whatever their needs may be. One of the most famous architects, Frank Lloyd Wright once said that “all fine architectural values are human values, else not valuable.” Indeed, how can we all call something beautiful when it does not have a human touch? With this, I wish you all the best as you Dream, Create, and Transform.


REYNATO S. PUNO
Chief Justice

35th UAP National Convention
The Power of Architecture
DREAM • CREATE • TRANSFORM

Message

Republic of the Philippines
OFFICE OF THE MAYOR
Quezon City

The most enduring legacies of the greatest civilizations of the past are their colossal monuments, buildings and infrastructures – the outstanding works in architecture.

We are proud that we have in our country outstanding talents who have embraced the demanding and exacting profession of architecture. Architects must have special gifts for art and composition, for planning and precise execution.

We join the United Architects of the Philippines as it holds its 35th National Convention. We are confident it will continue to enhance the high respects that their profession has established and earned.



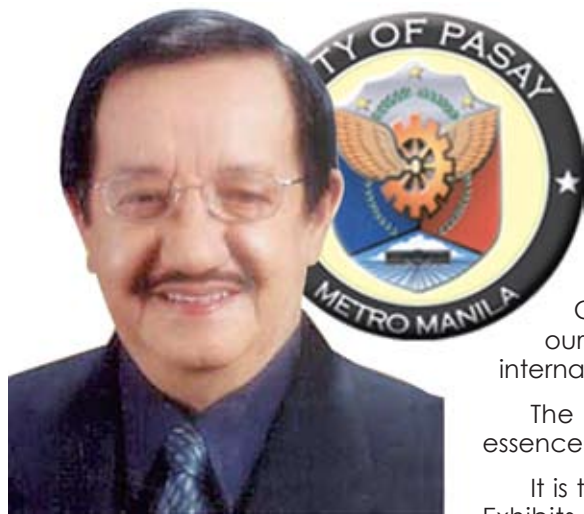
A handwritten signature in black ink, which appears to read 'Feliciano Belmonte, Jr.'.

FELICIANO BELMONTE, JR.
City Mayor



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Republic of the Philippines
OFFICE OF THE MAYOR
Pasay City



My warmest felicitations to the men and women of the United Architects of the Philippines (UAP) on the occasion of its 35th UAP National Convention to be held at the SMX Convention, Pasay City, from April 23-25, 2009.

The group's theme, "The Power of Architecture – Dream, Create, and Transform," is thus very significant as it brings into focus our architects' prowess in designing structures that are par with the international community.

The progress of a country is defined by its buildings and edifices. In essence, our architects are essentially nation builders.

It is truly an honor for us Pasayenos to be part of the UAP Convention Exhibits (CONEX) 2009 which also coincides with the group's national convention.

To our beloved architects, more power!

Aim high and Mabuhay!


WENCESLAO "PEEWEE" B. TRINIDAD
City Mayor

35th UAP National Convention The Power of Architecture DREAM • CREATE • TRANSFORM *Message*

Republic of the Philippines
HOUSE OF REPRESENTATIVES

Greetings!

May I congratulate the United Architects of the Philippines on their 35th UAP National Convention. I welcome you to our beloved City. Your theme "The Power of Architecture – Dream, Create, and Transform" is the call of our times. Right here in Pasay, growth areas like the reclamation area and the new port city in Villamor Air Base are perfect examples of modern architecture at its best. More and more constructions are being planned and this is a challenge to your group. I hope that it will inspire you to come up with modern designs attuned to present and future concepts on our way to the 21st century. I am confident that it will.

Again my congratulations to all of you and more power.




JOSE ANTONIO F. ROXAS, M.D.
Congressman



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International Union of Architects



Best wishes to all the officers and members of the United Architects of the Philippines for your celebrations at the 35th UAP National Convention from 23 to 25 April 2009. Your theme this year of "The Power of Architecture – Dream, Create, and Transform" will give all the delegates an amazing opportunity to really examine and debate these issues and to encourage them to understand how to present and share architecture with the community to ensure that they can enjoy sustainable environments together.

LOUISE COX
UIA President

35th UAP National Convention
The Power of Architecture
DREAM • CREATE • TRANSFORM

Message

Republic of the Philippines
PROFESSIONAL REGULATION COMMISSION

Warmest greetings to the United Architects of the Philippines on the formal opening of your 35th National Convention.

I take this opportunity to commend the UAP for its foresight in choosing its theme, "The Power of Architecture – Dream, Create, and Transform". As the world comes to grips with the harsh challenges of global warming and climate change, there is now an urgent need for all the Professions involved in the built and natural environments to confront new paradigm shifts. It is heartening to witness how the UAP is rising to meet these new challenges by holding this convention. I urge the members of the UAP to participate with energy and enthusiasm in all the discussions and to welcome with open minds the developments in construction and architecture that will be revealed in this forum. It is my hope that this Convention will provide our Architects with tools and create structures that will not only offer shelters for our people but also enable them to be productive and proactive citizens of our country.

I am confident that this Convention will empower our Architects to adopt fresh perspectives in the quest for solutions to the architectural challenges of the 21st century. I wish the UAP success in this Convention and in all its future endeavors.




NICOLAS P. LAPEÑA, JR.
Chairman



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Republic of the Philippines
PROFESSIONAL REGULATION COMMISSION

It gives me great pleasure to offer my warmest felicitations to the United Architects of the Philippines as you embark on your 35th National Convention.

The UAP has a special place in the annals of the Professional Regulation Commission, having earned the title of Most Outstanding Accredited Professional Organization an impressive three times. This is a testament to the inspiring leadership and commitment that the UAP has demonstrated towards the Architecture Profession in its history.

As an academician, I personally welcome the UAP's continuing initiative in holding its 35th National Convention and its choice of the theme "The Power of Architecture – Dream, Create, and Transform." Doubtless, this Convention will serve as a lively forum for strengthening the educational objectives of the UAP. This event supports the PRC's own mission of promoting Continuing Professional Education among all the Professions.

It is my hope that the members of the UAP will take advantage of this opportunity to build strong linkages with their colleagues, forge greater unity and, together, continue to transform Philippine Architecture as a dynamic and responsive profession.

Mabuhay kayong lahat!


NILO L. ROSAS
Commissioner

35th UAP National Convention The Power of Architecture DREAM • CREATE • TRANSFORM *Message*

Republic of the Philippines
PROFESSIONAL REGULATION COMMISSION



Warmest felicitations to the United Architects of the Philippines as you open your 35th UAP National Convention and UAP Convention Exhibits (CONEX) 2009.

It is a pleasure to extend the warm hand of comradeship to one of the oldest professional organizations in our country and the first to have been accredited by the Professional Regulation Commission. The PRC and the UAP have developed and continue to enjoy bonds of cooperation and fraternity that go back many years.

I welcome your theme of "The Power of Architecture – Dream, Create, and Transform." This theme resonates with the energy, vision and strong sense of purpose that has characterized the UAP as a professional organization. I am confident that this event will provide a valuable venue for our architects to update their knowledge on current developments in architecture and construction, particularly in the context of global warming and climate change.

I particularly look forward to the vast opportunities offered by this Convention and Exhibit to enrich the Continuing Professional Education of our architects. I wish the UAP a successful Convention and many more years of significant contributions to Philippine Architecture.

RUTH RANA-PADILLA
Commissioner



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Professional Regulation Commission
PROFESSIONAL REGULATORY BOARD OF ARCHITECTURE

Warm greetings to you all!

I and the two (2) Members of the PRBoA, namely Architects Angeline T. Chua Chiaco, fuap and Marietta B. Segovia, uap, congratulate the United Architects of the Philippines (UAP), the integrated and accredited professional organization of architects (IAPOA), and the UAP-IAPOA officer corps, particularly the National President, Architects Medeliano T. Roldan, Jr., fuap, apec ar, the Commission on Conventions & Conferences, led by Roger T. Ong, uap, and the Convention Director Richard M. Garcia, uap, on the occasion of the 35th UAP National Convention, with the theme "The Power of Architecture – Dream, Create, and Transform," to be held on 23-25 April 2009, at the SMX Convention Center in Pasay City.

It is the PPBOA's express wish that many more areas of cooperation between the PRBoA and the UAP-IAPOA shall be opened in the remaining months of the UAP fiscal year, and that these are kept evolving and moving forward in order to help attain our shared primary goal of the full implementation and enforcement of Republic Act No. 9266 (The Architecture Act of 2004), a valid and subsisting special law, its implementing rules and regulations (IRR), which both specifically limit the signing and sealing of

architectural documents only to registered and licensed architects (RLAs), as well as their derivative regulations such as the issued 2007 & 2008 PRBoA resolutions governing architectural firm registration, the issuance of temporary/ special permits (TSPs) to foreign architects (FAs) practicing in the country and the accreditation of continuing professional education (CPE) providers and programs for RLAs.

It is also the wish of the PRBoA that it is able to receive the full and continuing UAP-IAPOA support on the current and future PRBoA initiatives toward this end, particularly the matter of identifying, monitoring and holding accountable the many different violators of R.A. No. 9266, which may also include other state-regulated professionals such as certain civil engineers (CEs), unregistered persons (posing as RLAs), national and local government officials and offices (who actively encourage if not abet R.A. No. 9266 violations), some developers/ contractors/ local clients/ foreign entities and even certain RLAs or registered architects (RAs), who all continue to defy the law and to hurt the architectural profession and its upright practitioners. We nonetheless rejoice and are most thankful for the many victories we have had in the past year/s and look forward to more successes, particularly in the legal arena.

Again, the PRBoA extends its heartfelt congratulations and wishes of continuing success to the UAP-IAPOA, its incumbent officers, and to all of you in attendance!

May the Lord bless us all and the resurgent architecture profession as well. Mabuhay ang Arkitektong Pilipino!!! Mabuhay kayong lahat!

ARMANDO DOMINADOR N. ALLÍ, fuap
Chairman

Hon. ARMANDO N. ALLÍ, FUAP, FPJA, AATF, APEC AR
Chairman, Board of Architecture

35th UAP National Convention

The Power of Architecture
DREAM • CREATE • TRANSFORM

Message

UNITED ARCHITECTS OF THE PHILIPPINES

On behalf of the *United Architects of the Philippines*, it is with extreme pleasure that I extend my warmest greetings and my best wishes to all the delegates, participants, organizers, exhibitors and sponsors of the 35th UAP National Convention and Convention Exhibits 2009 to be held on April 23-25, 2009 with the theme: "*The Power of Architecture: Dream, Create, Transform*".

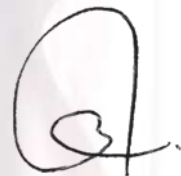
Why the power of architecture? Unquestionably, outstanding works of architecture contribute significantly to the creation of distinctive cities. Excellent architecture is not only a beautiful piece of art to behold, but can bring in real benefits in the area of architecture tourism, or enhancement in property values. It distinguishes a distinctive city from the mundane, and reflects an appreciation of quality and creativity among the city's inhabitants.

Cities that aspire to be distinctive seek the skills of established architects in achieving this vision. Filipino architects have achieved international recognition through creativity and hard work. The fact that Filipino architects are able to transcend

geographical boundaries to leave their mark of distinction demonstrates that there is no barrier for architects who possess outstanding competencies, and this reflects the *power of architecture*.

Further, as globalization continues to dictate and affect market trends and despite the new scope of our operating environments, the one thing remains unchanged is public expectation of Filipino architects. Nothing but the highest standards will do. Architecture is responsible for developing and promoting high quality and consistent professional standards. Integrity and ethics are strong fundamentals upon which the architecture profession is built and this is a message of this convention with reference to the *power of architecture*.

Lastly, a key element derived from this convention is inspiration - it strives to inspire, and be inspired. It promotes professionalism. It imparts a vision. It strives for excellence. Likewise, we too are inspired and totally dedicated towards presenting a highly professional and educational meeting here at SMX Convention Center. Welcome!



MEDELIANO T. ROLDAN, JR., fuap
UAP National President





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UNITED ARCHITECTS OF THE PHILIPPINES

Greetings!

For and behalf of the UAP National Board of Directors and the Office of the National Executive Vice President, I would like to greet and welcome the delegates and participants during the 35th National Convention of Architects and the Convention Exhibits 2009 from April 22-26, 2009 here at SMX Convention Center.

I would like to extend my sincerest appreciation to the organizers of both the Natcon 35 and CONEX 2009 for the enormous amount of work they have done to reach where we are today, and of the contribution of all the members who have been working how to move forward together.

With this year's theme "The Power of Architecture: Dream, Create and Transform", it reminds us of the role architecture played in shaping the built environment that goes far beyond the individual building, which describes architecture profession as a hybrid that mixes together the high standards of technique, technology and expertise and merges it with the artistic talent that feeds on the beauty of innovation, creativity, style and elegance.

There is no denying that architecture is a demanding profession. It deals with many of the important issues in today's society, for instance exploring new ways of living, investigating new technologies and material and ensuring that what we build is environmentally sustainable. But most of all it involves designing that people are happy to look at and to use.

However, in a competitive, changing environment the architecture profession must continue to find ways to serve the public effectively to ensure its continued relevance and leadership in the delivery of architectural services, to "be the best".

Hence, in this convention, we are tasked to move forward, in a carefully planned strategic fashion—as we draw together our vast strengths and expertise and marshal our resources in ways that will fulfill our potential for contribution and impact across the Philippines' built environment.

Hopefully you will enjoy this convention. There will be plenty to keep you busy and entertained, but, let us not forget the true mission ahead. Let us keep up the fight for our right as registered and licensed architects, and let us be the voice of reason, let us go where we have never gone before, and let us continue to dream, create and transform.

Maligayang Pagtitipon at Mabuhay ang UAP!

RAMON S. MENDOZA, fuap
UAP National Executive Vice President

Message

UNITED ARCHITECTS OF THE PHILIPPINES

Benchmarking Excellence:

A Legacy Synonymous to the Roldan Administration's
Brand of Selfless Acts of Service

'To benchmark is to set a standard, to set excellence as a standard is creating a tradition.' I have always been one with the dream of the United Architects of the Philippines more than thirty years ago: simply to fulfill its founding fathers' "all-consuming goal to bring about the unification of Filipino architects." Five years ago today, The Architecture Act of 2004 altered that age-old landscape of indifference among fellow architects. The rest of course is history that continues to unravel before the eyes of many in the building industry. Though the Filipino Architect is still embattled today he remains resilient and focused on his direction to glory.

Countless but significant years have passed since 1975 and how time flies indeed! Nowadays, the country's emerging crop of architects can be found not only in the concrete and steel jungle of corporate Philippines but in countless growth and emerging areas spreading around the Asian, European and American continents. These are new breeds of movers and shakers, industry players that constantly strive to discover innovative agenda to strengthen the profession's hold in today's very complex development collaborations.

With the advent of Republic Act 9266, specifically Article V Section 40, this profession has closed-in on ultimate but productive integration coupled with sincere cooperation. It has also been able to develop mutual instruments of harmony and goodwill within and outside the organization. These have been extended as instruments of change by the UAP's network of selfless workers to trusted industry partners and allies.

The Office of the Secretary General is very optimistic that the 35th UAP Annual National Convention and Business Meeting will be able to provide a great canvas to showcase the great, life-changing achievements of the organization. I have seen this administration bring many of us to the threshold of a unique development where we are given every chance to grow and to relish the value of genuine public service. The theme "The Power of Architecture – Dream, Create, and Transform" is a fitting tribute to an endless quest to better our lives.

There is a larger fundamental responsibility for us architects that should always be put to light. These are the drive to do better over what happened in the recent past, and the belief in one's ability to change them in one's lifetime.

My best wishes and inspirations go to the great men and women of the organizing committee headed by the very dynamic Convention Director Richard Garcia and ably guided by a great worker, in the person of Honorary Chair Medeliano 'Boy' Roldan, Jr. The organization will forever be grateful to you.

Mabuhay ang UAP! Mabuhay ang Arkitektong Filipino!




GIL C. EVASCO, uap
UAP Secretary General



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United Architects of the Philippines
COLLEGE OF FELLOWS

Greetings to the Members, Chapter Officers and the 2008-2009 National Board of Directors of the United Architects of the Philippines on the occasion of the 35th UAP National Convention!

The UAP College of Fellows congratulates the laudable performance of National President Medeliano T. Roldan, Jr., fuap, the National Officers, the National Board of Directors and the Executive Directors 2008-2009 in their dedicated efforts to uphold both the highest ethical standards and level of excellence of architecture in the Philippines.

This year's theme "The Power of Architecture: Dream, Create and Transform" is a timely and relevant dialogue to the realities of the world today. The imagination and creativity of the architect gives him the power to influence and transform for the better environment around him. His architecture creates a tremendous impact to the quality of life of the people who use his built-creations.

The achievements in the practice of architecture by the members of the UAP College of Fellows affirm the special gift of the architect and his meaningful contribution to society as a whole. We, the Jury of Fellows, Officers and Members of the UAP College of Fellows take pride in presenting during the 35th National Convention six (6) outstanding architects as new members of the College of Fellows.

It is also our distinct privilege to have a highly respected former Chancellor of the College of Fellows with a tremendous contribution to the UAP and the profession – UAP Charter President Norberto M. Nuke, fuap – conferred the Likha Award, "the highest distinction that may be bestowed upon a Fellow of the United Architects of the Philippines".

May the UAP College of Fellows in collaboration with the members and officers of UAP continue in maintaining the integrity of the standards of the architectural profession in the Philippines!

MARIA CRISTINA V. TURALBA, fuap, piep
Chancellor
College of Fellows 2007-2009



35th UAP National Convention The Power of Architecture DREAM • CREATE • TRANSFORM Message

United Architects of the Philippines
35TH NATIONAL CONVENTION

It is with great honor and privilege that I extend my sincerest gratitude to the delegates and allies of the United Architects of the Philippines as we celebrate the 35th National Convention of Architects at the SMX Convention Center from April 22-25, 2009.

There is no discounting the important role that architects play in the building of a nation, for we provide the designs and concepts that make for well-planned communities and projects that stamp character and the mark of progress in the urban setting – an explicit invitation to prospective clients that will open more windows of opportunities for further business activity, which will translate to a livelier economy and a better life for the populace.

At no better time is the organization expected to play this role to the fullest than today when the country is taking off anew in its quest for that elusive long-term prosperity for its citizenry.

May this conference, therefore, impart the desired skills and competency as we look forward to more shining moments for Filipino architects. With the concerted efforts of the organizing committee, we can confidently meet the future with dedicated, competent, ethical and socially-responsible professional architects.

Mabuhay tayong lahat!



ROGER T. ONG, uap

Executive Director

Commission on Conventions and Conferences





SMX Convention Center • Seashell Drive, Mall of Asia Complex, Pasay City, Philippines • 23-26 April 2009

United Architects of the Philippines
35TH NATIONAL CONVENTION

On behalf of the Organizing Committee of the UAP Convention Exhibits (CONEX) 2009, I am very pleased to welcome you all to the 35th UAP National Convention and its grandest exhibition, the CONEX 2009.

As we celebrate the 35th year of this gathering, this year's CONEX aims to support our friends in the construction industry by developing an appropriate market setting to enhance their sales productivity, open such opportunity to the public with an accommodating place for interaction, renewing contacts with clients, winning new clients, generating market presence, launching products, raising product awareness, sharing information, ascertaining client needs, influencing client decision-making, and finally closing deals.

I hope that the synergy arising from this exhibition will energize current activities as well as spur further professional relationship among allies. I hope what has been planned will make the next few days enriching and worthwhile for you. I am looking forward to joining you at some more of the events during the convention and exhibition.

Finally, I wish to express my gratitude to the sponsors, exhibitors, donors, delegates, guests and visitors of the conventions and exhibitions, especially to our friends in the construction industry which have enabled the smooth implementation of the events.

We look forward to seeing you here at SMX Convention Center.



JOENEL C. KHO, uap
Director, CONEX 2009



35th UAP National Convention

The Power of Architecture
DREAM • CREATE • TRANSFORM

Message

United Architects of the Philippines
35TH NATIONAL CONVENTION

It gives me enormous pleasure to invite you to the 35th UAP National Convention. This is the culmination of a five month long preparation. In line with this year's program is the theme: "The Power of Architecture – Dream, Create, and Transform."

We have gathered local and foreign experts as speakers for the plenary to discuss and address recent issues, topics that are relevant and useful in our Architectural profession. At these times of uncertainty, events as big as CONEX and the UAP National Convention are extremely important not just because of business opportunities but also to expand relationship, networks and for professional updating. These discussions will help us reflect on how Powerful Architecture really is.

From a DREAM where all our visions and creative juices flow, we CREATE innovative designs that come to life right before our very eyes. Suddenly, we TRANSFORM - seeing how our developments affect its surroundings. This year we are holding our National convention at the most critical point in global history but we shall face these challenges and turn these obstacles into opportunities.

We have also lined up three special night events, first, experience Las Vegas on our Welcome Dinner sponsored by TOTO, a romantic Honor Dinner and Awards Night with UAP Fellows and highlighting the event is the Grand Fellowship Night with our mega sponsor Davies Paints. These events shall feature entertainment from famous artists and dancers and a rare performance from our very own roster of equally talented UAP members.

I wish to thank our sponsors and partners in the industry for supporting us in this momentous event as well as all my colleagues in the Organizing committee, UAP National board, UAP National secretariat who have worked so hard to make this annual convention a memorable success

Finally, to all the delegates and guests, I welcome you all to the 35th UAP National Convention and experience the "out-of-the box" convention.

Mabuhay and heads up Arkitektong Pinoy!


RICHARD M. GARCIA, uap
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35th UAP National Convention
The Power of Architecture
DREAM • CREATE • TRANSFORM



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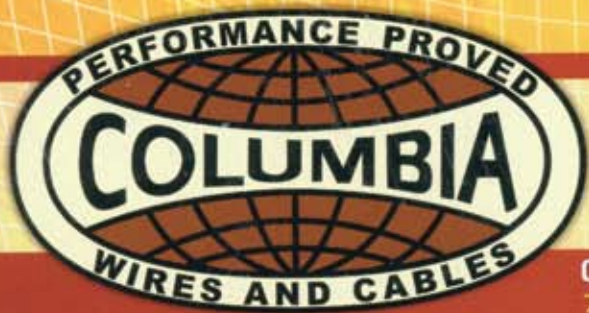
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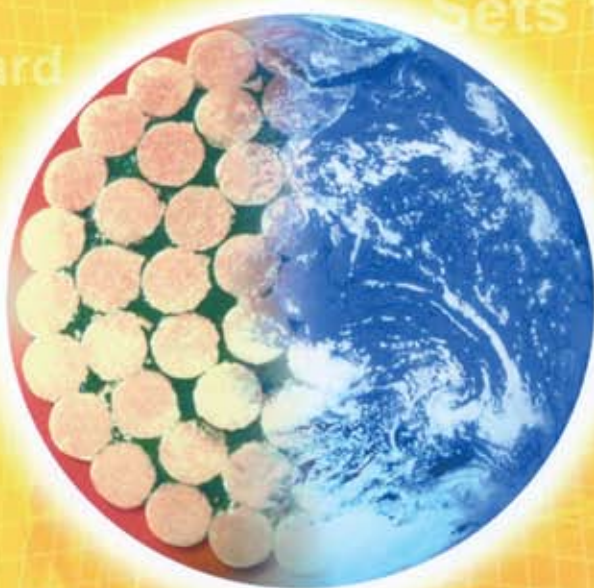
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Day 0 22 April '09 • Wednesday

- 8:00 AM - 12:00 NN CODHASP Meeting
Annie C. Pugeda, uap
Meeting Rm. 1
- 8:00 AM - 5:00 PM UAP-DOH Enhancement Course
& Hospital Tour
Elda Shina S. Samoza, uap
UAP Auditorium/Medical City
- 12:00 NN - 5:00 PM Lunch/Chapter Presidents'
Assembly
Rowena C. Ramos, uap
Meeting Rms. 7,8,9
- 1:00 PM - 4:00 PM Tripartite Network Meeting
Annie C. Pugeda, uap
Meeting Rm. 1
- 5:00 PM - 9:00PM National Board of Directors'
Meeting
Roselle V. Santos, uap
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Day 1 23 April '09 • Thursday

- 7:30 AM - 4:00 PM Registration
SMX, Lobby
- 8:00 AM - 8:45 AM Opening Mass
Marian Eileen T. Florentino, uap
VIP Lounge Area SMX Lobby
- 9:00 AM - 10:30 AM Opening of Convention Exhibits
(ConEx)
Paolo F. Manalansan, uap
Exhibit Hall 2, 3, 4
- 10:30 AM - 11:00 AM Seating of Delegates
Function Rms. 1 and 2
- 11:00 AM - 12:00 NN Opening Ceremonies
Minerva C. Rosel, uap
Function Rms. 1 and 2
- 12:00 NN - 1:00PM Lunch & Candidates' Forum
Juanito A. Vinta, uap
Function Rms. 1 and 2
- 1:00 PM - 4:30 PM Gen. Assembly & Annual Business
Meeting
Awarding of UAP National
Awards
Juanito A. Vinta, uap
Function Rms. 1 and 2
- 4:00 PM - 6:00 PM Bahay Pinoy Bamboo Design
Competition 2009
Rey S. Gapitan
- 7:00 PM - 9:00 PM Awards and Presentation of DOH
Seminar Graduates
Presentation of new APEC
Architects
Welcome Dinner
Omar C. Palero, uap
Function Rms. 1 and 2
- 9:00 PM - 11:00 PM TOTO Night
Function Rms. 1 and 2



35th UAP National Convention

The Power of Architecture
DREAM • CREATE • TRANSFORM

Program

Day 2 24 April '09 • Friday

- 7:30 AM - 4:00 PM Registration
SMX, Lobby
- 8:00 AM - 4:00 PM UAP Annual National Elections
Jocelyn R. Lutap, uap
Meeting Rm. 3
- 8:00 AM - 12:00 NN **Seminar - Heritage Conservation in Macau**
Michelle H. De Guzman, uap
Function Rm. 1
- Seminar - Feng Shui: Colors, Shapes & Elements**
Ma. Lorna L. Plata, uap
Function Rm. 1
- 12:00 NN - 1:00 PM Lunch
Function Rm. 1
- 1:00 PM - 3:00 PM **Seminar - Façade Consultancy- Bridging the Gap**
Ma. Lorna L. Plata, uap
Function Rm. 1
- Seminar - LEED Architecture & Sustainable Design / Sustainable Architecture**
Minerva C. Rosel, uap
Function Rm. 1
- 2:00 PM - 5:00 PM Convocation of Fellows
Bibiano A. Luzande, Jr., fuap
Meeting Rm. 10
- 5:00 PM - 9:00 PM Honor Dinner
Investiture of Fellows,
Presentation of New Fellows,
LIKHA Awardee
Bibiano A. Luzande, Jr., fuap
Function Rms. 1 & 2

Day 3 25 April '09 • Saturday

- 6:00 AM - 6:00 PM Badminton and Basketball
Kenneth G. Chua, uap
The Zone, Malugay St., Makati City
- 7:00 AM - 1:00 PM Golf
Jerome A. Galarpe, uap
Club Intramuros Golf Course,
Bonifacio Drive, Manila
- 9:00 AM - 3:00 PM Bowling and Billiards
Jonathan E. Baluyot, uap
AMF-Puyat Bowling Inn,
1941 Taft Ave., Manila
- 8:00 AM - 12:00 NN **Seminar - Global Strategy for Disaster and Risk Reduction**
Seminar - Integrating Risk Management in Architectural Planning and Design
Techie Rose O. Espiritu, uap
Exhibit Hall 2 (ConEx)
- 12:00 NN - 1:00 PM Lunch
- 1:00 PM - 3:00 PM **Seminar - The Greatness of Everyday Filipino Heritage**
Michelle H. De Guzman, uap
Exhibit Hall 2 (ConEx)
- Seminar - The Infusion of Feng Shui in Sustainable Architecture**
Paolo F. Manalansan, uap
Exhibit Hall 2 (ConEx)
- 3:00 PM - 5:00 PM Freetime
- 5:00 PM - 6:00 PM Thanksgiving Mass
Marian Eileen T. Florentino, uap
Function Rms. 2 & 3
- 6:00 PM - 12:00 MN Closing Ceremonies/
Proclamation of Winners/
Presentation of ORCOM
Members/Fellowship Night
Omar C. Palero, uap
Function Rms. 2 & 3

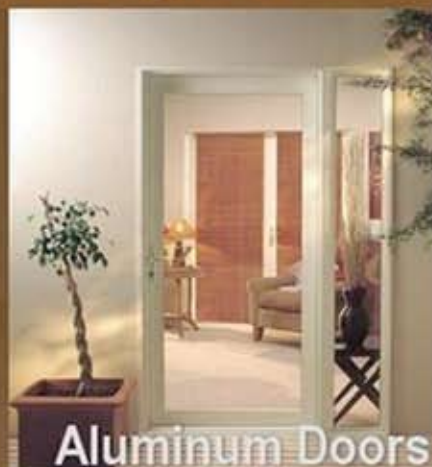


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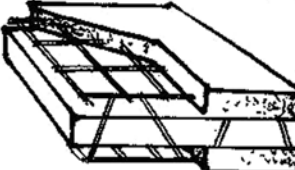
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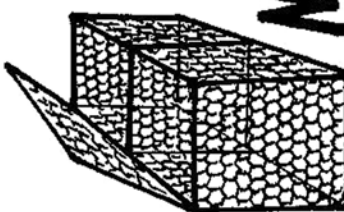
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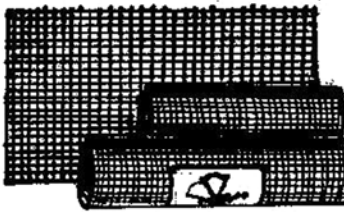


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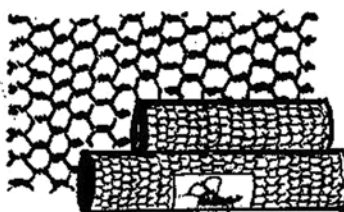


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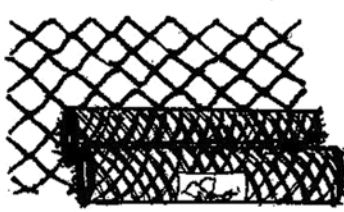
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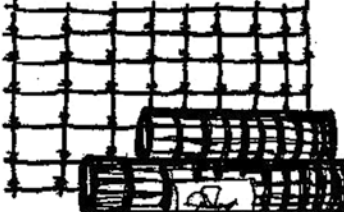
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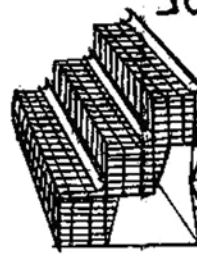
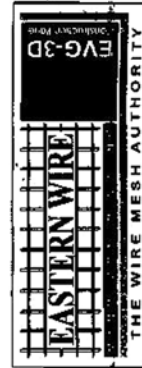
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DAY
0

CODHASP Business Meeting

22 April '09 • Wednesday - 8:00 AM • 12:00 NN

Venue:	SMX Meeting Room 1
Master of Ceremonies:	Annie C. Pugeda, uap
Presiding Officer:	Jean I. Cornejo, uap <i>CODHASP President Dean, College of Architecture, Adamson University</i>
Program Manager:	Annie C. Pugeda, uap

8:00 AM	Registration and Seating of Delegates	
8:30 AM	Invocation	Ted Villamor G. Inocencio, fuap <i>CODHASP Vice President for Operations Dean, College of Architecture & Fine Arts Polytechnic University of the Philippines</i>
	National Anthem	
8:40 AM	Acknowledgement of Guests, Deans and Heads	John Joseph T. Fernandez, uap <i>CODHASP Secretary Dean, College of Architecture University of Santo Tomas</i>
8:50 AM	President's Report	Jean I. Cornejo, uap
9:15 AM	Treasurer's Report	Ma. Saturnina C. Parungao, uap <i>CODHASP Treasurer Dean, College of Architecture Bulacan State University</i>
9:30 AM	Message	Medeliano T. Roldan Jr., fuap <i>UAP National President</i>
9:50 AM	Presentation: Information Campaign	William V. Coscolluela, uap <i>Principal Architect W.V. Coscolluela & Associates</i>
	"Greening the Architecture Curriculum"	Christopher C. Dela Cruz, uap <i>President, Philippine Green Building Council</i>
10:30 AM	Open Forum	
11:00 AM	Election of Officers	COMELEC
11:30 AM	Proclamation of New Elected Set of Officers	COMELEC
12:00 NN	Adjournment	Jean I. Cornejo, uap

Dress Code: Business Attire

35th UAP National Convention

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Program

DAY
0

UAP-DOH Enhancement Course & Hospital Tour

22 April '09 • Wednesday • 8:00 AM – 5:00 PM

Venue:	UAP National Headquarters
Presiding Officer:	Prosperidad C. Luis, fuap <i>Chair, UAP Specialty Council on Healthcare Past National President</i>
Program Managers:	Elda Shina S. Samoza, uap Mariel M. Caguingin, uap

- 8:00 AM Registration
- 8:30 AM Opening Ceremonies
 - Invocation
 - National Anthem
 - Welcome Remarks
 - Acknowledgements of Participants by Area
- 9:00 AM Video Presentation
 - Global Strategy for Disasters and Risk Reduction
(A World Health Organization Video Material)
- 9:15 AM Module # 1
 - Hospital Safe from Disasters; Philippine Health Sector Response to Disasters and Risk Reduction (From Disaster to Design)
 - Speaker:* Prosperidad C. Luis, fuap
- 10:00 AM Break
- 10:15 AM Module # 2
 - Hospitals Safe from Disaster; Philippine Health Sector Response to Disasters and Risk Reduction (Assessment Tools)
 - Speaker:* Ma. Rebecca M. Penafiel, uap
- 11:00 AM Module # 3
 - Introduction of Hospital Tour
 - Hospital Safe from Disasters: The Planning and Design of the Medical City, A Safe Hospital
 - Speaker:* Daniel A. Lichauco, uap
- 12:00 NN LUNCH
- 12:30 PM Departure for The Medical City, Ortigas Avenue, Pasig City
- 1:00 PM Tour of The Medical City
- 4:00 PM Return to UAP National Headquarters





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DAY
0

Chapter Presidents' Assembly

22 April 2009 • Wednesday • 12:00 NN - 5:00 PM

Venue:	SMX Meeting Rooms 7, 8, 9
Presiding Officer:	Medeliano T. Roldan Jr., fuap <i>UAP National President</i>
Program Manager:	Rowena C. Ramos, uap

12:00 NN	LUNCH	
1:00 PM	Registration / Seating of Delegates	UAP National Secretariat
1:30 PM	Invocation	Renato A. Heray, uap <i>Cavite Chapter President</i>
	National Anthem	
	UAP March	
	Call to Order	Medeliano T. Roldan, Jr., fuap <i>UAP National President</i>
	Roll Call of Chapters	Gil C. Evasco, uap <i>Secretary General</i>
	Certification of Quorum	
	Presentation of Issues and Concerns	
3:00 PM	Open Forum	
	Conclusion and Reading of Resolutions For Information/Announcements	
5:00 PM	Adjournment	Medeliano T. Roldan, Jr., fuap <i>UAP National President</i>
	PM Snack	

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DAY
0

Tripartite Network Meeting

22 April '09 • Wednesday • 1:00 PM – 4:00 PM

Venue: SMX Meeting Room 1
Presiding Officer: Jean I. Cornejo, uap
Dean, College of Architecture
Adamson University

- | | | |
|---------|--|--|
| 1:00 PM | Registration & Seating of Delegates | |
| 1:30 PM | Invocation
National Anthem
UAP March | Lorelei D.C. De Viana, uap
CODHASP Vice President for Planning
Dean, Institute of Architecture & Fine Arts
Far Eastern University |
| 1:40 PM | Welcome Remarks | Medeliano T. Roldan, Jr., fuap
UAP National President |
| 1:50 PM | Introduction of Resource Speakers | |
| 2:10 PM | Speaker 1 | Hon. Armando N. Alli, fuap, aaif, APEC Ar.
Chairman, PRC Board of Architecture |
| 2:25 PM | Speaker 2 | Hon. Angeline T. Chua Chiacco, fuap
Member, PRC Board of Architecture |
| 2:40 PM | Speaker 3 | Hon. Marietta B. Segovia, uap, aaif
Member, PRC Board of Architecture |
| 2:55 PM | Speaker 4 | Yolanda David Reyes, fuap, APEC Ar.
Chair, CHED Technical Panel for Architecture |
| 3:15 PM | Break – PM Snacks | |
| 3:45 PM | Open Forum | Annie C. Pugeda, uap
PM, CODHASP/TPN |
| 4:10 PM | Conclusion and Reading of the Resolutions | Ted Villamor G. Inocencio, fuap
CODHASP Vice President for Operations
Dean, College of Architecture & Fine Arts
Polytechnic University of the Philippines |
| 4:20 PM | Presentations of Plaques of Appreciation | CODHASP Officers |
| 4:30 PM | Adjournment | |

Dress Code: Business Attire





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DAY
0

National Board of Directors' Meeting

22 April '09 • Wednesday • 5:00 PM - 9:00 PM

Venue: Traders Hotel
 Presiding Officer: Medeliano T. Roldan, Jr., fuap
UAP National President
 Program Manager: Roselle V. Santos, uap

5:00 PM Invocation
 National Anthem
 UAP March

5:15 PM Call to Order

Medeliano T. Roldan, Jr., fuap
UAP National President

Establishment of Quorum

Gil C. Evasco, uap
Secretary General

5:30 PM Presentation and Approval of Agenda
 Reading and Approval of the Minutes
 of the Previous National Board Meeting
 Matters Arising from the Minutes
 Agenda Proper
 Dinner
 Call and Submission of Reports
 Other Matters

9:00 PM Adjournment

Medeliano T. Roldan, Jr., fuap
UAP National President

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DAY
1

Opening of Convention Exhibits (ConEx)

23 April '09 • Thursday • 9:00 AM - 10:30 AM

Venue: Exhibit Hall Lobby

Master of Ceremonies: Paolo F. Manalansan, uap

Program Manager: Paolo F. Manalansan, uap

Opening Number

Introduction

Welcome Remarks

Joenel C. Kho, uap
Director ConEx 2009

Acknowledgement of Guest

Roger T. Ong, uap
*Executive Director, Commission on
Conventions & Conferences*

Introduction of V.I.P.

Medeliano T. Roldan, Jr., fuap
UAP National President

Inspirational Talk of V.I.P.

Production Number

Ribbon Cutting Ceremonies

Viewing of Exhibits

Cocktails at ConEx event venue



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DAY
1

Opening Ceremonies

23 April '09 • Thursday • 11:00 AM - 12:00 NN

Venue: Function Rooms 1 & 2
Master of Ceremonies: Ma. Luisa M. Gutierrez, uap
Joseph Jay Ruiz, uap
Program Manager: Minerva C. Rosel, uap

10:30 AM Seating of Delegates

11:00 AM Processional

UAP National Board of Directors &
Guest of Honor

Entry of Colors

Invocation

National Anthem

UAP March

11:15 AM Welcome Address

Richard M. Garcia, uap
Director, 35th National Convention

11:20 AM Opening Number

MIT Dance Co.

11:30 AM Acknowledgement of Guests
and Roll Call by Chapter

Gil C. Evasco, uap
Secretary General

Opening Address

Medeliano T. Roldan, Jr., fuap
UAP National President

Introduction of Guest Speaker

Ramon S. Mendoza, fuap
National Executive Vice President

Message of Guest Speaker

Manuel B. Villar, Jr.
Senator, Republic of the Philippines

Presentation of Plaque of
Appreciation to Guest

Medeliano T. Roldan, Jr., fuap
UAP National President

Speaker

Ramon S. Mendoza, fuap
National Executive Vice President

Roger T. Ong, uap
*Executive Director
Commission on Conventions &
Conferences*

Richard M. Garcia, uap
Director, 35th National Convention

Closing Address

Michael V. Tomeldan, fuap
Vice President for Area A





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**DAY
1**

Candidates Forum

23 April '09 • Thursday • 12:00 NN - 1:00 PM

Venue:	Function Rooms 1 & 2
Presiding Officer:	Pamela N. Amador, fuap <i>Chair, COMELEC</i>
Program Manager:	Juanito A. Vinta, uap

12:00 NN	Opening Address	Mila I. Martinez, fuap <i>Chair, Committee on Accreditation</i>
12:05 PM	Forum Mechanics and Presentation of Candidates	Maria Elena C. Cayanan, fuap <i>Deputy Chair, COMELEC</i>
12:25 PM	Candidates Hour	
	1. Candidates for National President	10 minutes each
	2. Candidates for ExeCom Positions	3 minutes each
1:00 PM	Closing Address	Pamela N. Amador, fuap <i>Chair, COMELEC</i>

COMELEC OFFICIALS

Chairperson: PAMELA N. AMADOR, FUAP
Deputy Chairperson: MARIA ELENA C. CAYANAN, FUAP

Committee Chair

Accreditation : MILA I. MARTINEZ, FUAP
Canvassing : ANTONIO C. SANGRADOR, FUAP

Members/Representatives:

• **RD- A1A** ROY T. CORDERO • **RD-A1B** EDMUND B. UDARBE, JR. • **RD-A2A** ANTONIO N. RODRIGUEZ **RD-A2B** HERMEL M. GULAPA • **RD-A3** ABELARDO V. MIRAFLOR • **RD-A4** ROLANDO ROY L. CORDERO, FUAP • **RD-A5** MILA I. MARTINEZ, FUAP • **RD-B1** SHERWIN N. NIEVA • **RD-B2** GABRIEL MA. ANGELO B. CASCANTE • **RD-B3** MANUEL JOSE P. LIMGENCO, JR. • **RD-B4** EDGARDO M. CABANGON • **RD-B5** REYNALDO O. NACIONAL, JR • **RD-C1** EMMANUEL JESUS R. AVILA • **RD-C2** GIL V. JUESNA, JR. • **RD-C3** IVAN H. ASPIRAS • **RD-C4** ANTONIO C. SANGRADOR, FUAP • **RD-D1** RONNIE A. UY • **RD-D2** GIL A. GANGOSO • **RD-D3** AMADO E. JOVELLANO • **RD-D4** PEDRINILO RODRIGO LL. AMESOLA

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DAY
1

General Assembly and Annual Business Meeting

23 April '09 • Thursday • 1:00 PM - 5:00 PM

Venue: Function Rooms 1 & 2
Presiding Officer: Medeliano T. Roldan Jr., fuap
National President
Program Manager: Juanito A. Vinta, uap

1:00 PM	Invocation	Rialino M. Alisbo, uap <i>Vice President for Area C</i>
1:15 PM	Call to Order	Medeliano T. Roldan, Jr., fuap <i>UAP National President</i>
1:20 PM	Roll Call by Chapter Establishment of Quorum Reading of Agenda	Gil C. Evasco, uap <i>Secretary General</i>
2:05 PM	President's Report	Medeliano T. Roldan, Jr., fuap <i>UAP National President</i>
2:40 PM	Treasurer's Report	Amado E. Tandoc, Jr., uap <i>National Treasurer</i>
2:55 PM	Auditor's Report	Ernesto D. Tianco, uap <i>National Auditor</i>
3:10 PM	Presentation of Resolutions Open Forum Approval of Resolutions Snack	Gil C. Evasco, uap <i>Secretary General</i>
3:30 PM	Presentation of 2008 UAP National Awards	Rudy O. Ferrer, fuap <i>Deputy Chair, National Committee on Awards</i> Medeliano T. Roldan, Jr., fuap <i>UAP National President</i> Ramon S. Mendoza, fuap <i>National Executive Vice President</i> Gil C. Evasco, uap <i>Secretary General</i> Amado E. Tandoc, Jr., uap <i>National Treasurer</i> Pamela N. Amador, fuap <i>Executive Director</i> <i>Commission on Internal Affairs</i> Member-Architects National Committee on Awards Presiding Officer
4:30 PM	Adjournment	





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**DAY
1**

Bahay Pinoy Bamboo Design Competition 2009

23 April '09 • Thursday • 4:00 PM - 6:00 PM

Venue: Exhibit Hall 2
Master of Ceremonies: Rey S. Gabitan, uap
Program Manager: Paolo F. Manalansan, uap

Invocation	Amado E. Tandoc Jr., uap <i>National Treasurer Consultant, Bahay Pinoy Bamboo Design Competition 2009</i>
National Anthem	
Welcome Message	Rey S. Gabitan, uap <i>Chair, Competition</i>
Partner Message	Medeliano T. Roldan, Jr., fuap <i>UAP National President</i>
Rotary Makati Central D-3830	Hon. Edgardo C. Manda <i>LLDA General Manager</i>
Awarding Proper	
Acknowledgement (Jurors, Consultants)	



“BAHAY PINOY” BAMBOO DESIGN COMPETITION

A National Design Competition for Community Housing in the Philippines

A Project of the Rotary-UAP Joint Committee on Housing
United Architects of the Philippines and Rotary Makati Central D-3830



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DAY
1

Welcome Dinner

23 April '09 • Thursday • 7:00 PM - 12:00 MN

Venue:	Function Rooms 2 & 3
Master of Ceremonies:	Omar C. Palero, uap
Program Manager:	Omar C. Palero, uap

Part 1

6:00 PM Dinner & Entertainment

6:30 PM Invocation

National Anthem

UAP March

6:50 PM Welcome Remarks

Domingo Ll. Tablizo Jr., fuap
Vice President for Area B

7:10 PM Acknowledgement of Guests

Gil C. Evasco, uap
Secretary General

7:20 PM Introduction of Guest of Honor

Edric Marco C. Florentino, fuap
Immediate Past National President

7:30 PM Message

Guest of Honor

7:45 PM Presentation of Plaque of
Appreciation to Guest of Honor

Medeliano T. Roldan, Jr., fuap
UAP National President

Ramon S. Mendoza, fuap
National Executive Vice President

Roger T. Ong, uap
*Executive Director, Commission on
Conventions and Conferences*

Richard M. Garcia, uap
Director, 35th National Convention

8:00 PM Awarding and Presentation of
DOH Seminar Graduates

Prosperidad C. Luis, fuap
*Chair, UAP Specialty Council
on Healthcare
Past National President*

8:30 PM Presentation of new APEC Architects

The APEC Architect Project:
Multi-Lateral Recognition Project

Angeline T. Chua Chiacco, fuap
Flordeliza S. Laperol, uap, maato

Conferment Rites
for new APEC Architects

Felino A. Palafox, Jr., fuap
Severino P. Perez, uap

Part 2

9:15 PM Welcome Party with TOTO: "Experience Las Vegas"





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DAY
2

2009 Election

24 April '09 • Friday • 8:00 AM - 3:00 PM

Venue: Meeting Room 3
Committee-in-Charge: COMELEC
Program Manager: Jocelyn R. Lutap, uap

Counting of Ballots to Follow

DAY
2

Convocation of Fellows

24 April '09 • Friday • 1:30 PM - 4:30 PM

Venue: SMX Meeting Room 10
Master of Ceremonies: Amado P. De Jesus, Jr., fuap
Scribe, COF
Program Manager: Bibiano A. Luzande, Jr., fuap

1:00 PM Registration

1:30 PM Invocation

Call to Order

Roll Call
Reading and Approval of
Minutes of Previous Meeting

New Business:

a. Bursar's Report

b. Chancellor's Report

c. Business Matters/Matters Arising from
the Minutes of the Previous Meeting

3:30 PM Election of Officers

Election of Jury of Fellows

Presentation of Newly Elected Officers
and Jury of Fellows

Announcement of the Investiture/Presentation
of the New Likha Awardee and New Fellows

4:30 PM Adjournment / Snacks

Dress Code: Business Attire

Noralita C. Dumlao, fuap
Vice Chancellor, COF

Maria Cristina V. Turalba, fuap
Chancellor, COF

Amado P. De Jesus, Jr., fuap
Scribe, COF

Gloria B. Teodoro, fuap
Bursar, COF

Maria Cristina V. Turalba, fuap
Chancellor, COF

COMELEC, College of Fellows

COMELEC, College of Fellows





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DAY 2

Seminar

24 April '09 • Friday • 8:00 AM - 10:00 AM

Venue: Function Room 1
Master of Ceremonies: Lucille H. Chua, uap
Program Manager: Michelle H. De Guzman, uap

- 8:00 AM Registration/Seating of Delegates
- 9:00 AM "Heritage Conservation in Macau" Augusto "Toti" Villalon, fuap
Key Speaker
- 9:30 AM Q and A
- 9:50 AM Awarding of Plaque of Appreciation
Raffle
- 10:00 AM AM Snack

Dress Code: Business Attire

DAY 2

Seminar

24 April '09 • Friday • 10:00 AM - 12:00 NN

Venue: Function Room 1
Master of Ceremonies: Lucille H. Chua, uap
Program Manager: Ma. Lorna L. Plata, uap

- 10:00 AM Registration / Seating of Delegates
- 10:15 AM "Feng Shui: Colors, Shapes, and Elements" Marites Allen
Key Speaker
- 11:15 AM Q and A
- 11:50 AM Awarding of Plaque of Appreciation

Dress Code: Business Attire

35th UAP National Convention
The Power of Architecture
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Program

**DAY
2**

Seminar

24 April '09 • Friday • 1:00 PM - 2:00 PM

Venue: Function Room 1
Master of Ceremonies: Ma. Benita O. Regala, uap
Program Manager: Ma. Lorna L. Plata, uap

- 1:00 PM Registration / Seating of Delegates
- 1:05 PM "Facade Consultancy
Bridging the Gap" Ron Bertoli
Key Speaker
- 1:35 PM Q and A
- 1:50 PM Awarding of Plaque of Appreciation

Dress Code: Business Attire

**DAY
2**

Seminar

24 April '09 • Friday • 2:00 PM - 3:00 PM

Venue: Function Room 1 and 2
Master of Ceremonies: Florencio Romario T. Sebastian, III, uap
Program Manager: Minerva C. Rosel, uap

- 2:05 PM "LEED Architecture
and Sustainable Design" Peter Zieth
Architectural and Industrial Design
LEED Accredited Professional
Key Speaker
- 2:25 PM "Sustainable Architecture" Steven Smit
Architectural and Environmental Design
Key Speaker
- 2:45 PM Q and A
- 2:55 PM Awarding of Plaque of Appreciation

Dress Code: Business Attire





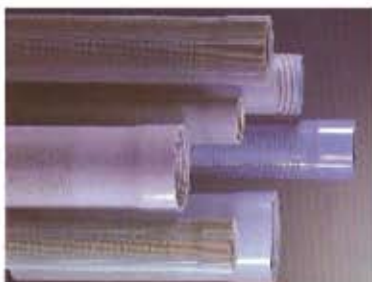
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35th UAP National Convention

The Power of Architecture
DREAM • CREATE • TRANSFORM

Program

DAY
2

Honor Dinner

24 April '09 • Friday • 5:00 PM - 10:00 PM

Venue: Function Room 1 & 2
Master of Ceremonies: Maria Elena C. Cayanán, fuap
Program Manager: Bibiano A. Luzande, Jr., fuap

4:30 PM	Seating Delegates and Guests	
5:00 PM	Assembly at Entrance Hall for the Processional March	District Director of A,B,C,D Auditor & Treasurer Secretary General Area Vice Presidents for A,B,C,D, National Executive VicePresident Members of the COF Officers & Jury of Fellows & Likha Awardees Chancellor, COF, New Likha Awardee, National President Medeliano T. Roldan, Jr., fuap <i>UAP National President</i> Maria Cristina V. Turalba, fuap <i>Chancellor, COF</i> Amado P. De Jesus, Jr. fuap <i>Scribe, College of Fellows</i> Noralita C. Dumlaog, fuap <i>Vice Chancellor, COF</i>
5:30 PM	Grand Processional March	
5:45 PM	Opening Ceremonies Call to Order	
	Entrance of New Fellows	
	Invocation and Prayer for the Departed Fellows Entrance of Colors Pambansang Awit / UAP March Presentation / Conferment of Likha Awardee Response of New Likha Awardee Investiture of New Fellows	Medeliano T. Roldan, Jr., fuap Maria Cristina V. Turalba, fuap Norberto M. Nuke, fuap Maria Cristina V. Turalba, fuap <i>Chancellor, COF</i> Amado P. De Jesus, Jr., fuap <i>Scribe, COF</i> Medeliano T. Roldan, Jr., fuap <i>UAP National President</i> Maria Cristina V. Turalba, fuap <i>Chancellor, COF</i> Representative of New Fellow
	Reading of Citations	
	Conferment	
	Administering of Oath of Membership Response	
7:00 PM	Dinner	
8:00 PM	Acknowledgement of Guests	Maria Cristina V. Turalba, fuap <i>Chancellor, COF</i> Medeliano T. Roldan, Jr., fuap <i>UAP National President</i>
	Introduction of the Guest of Honor and Speaker Message of the Guest of Honor and Speaker Presentation of Plaque of Appreciation to the Guest of Honor and Speaker	Medeliano T. Roldan, Jr., fuap Maria Cristina V. Turalba, fuap

Dress Code: Formal Attire





SMX Convention Center • Seashell Drive, Mall of Asia Complex, Pasay City, Philippines • 23-26 April 2009

DAY 3

Sports Activities Arkilympics

25 April '09 • Saturday • 6:00 AM - 6:00 PM

Badminton & Basketball Program

Venue: The Zone
Malugay St., Makati City

Master of Ceremonies: Kenneth G. Chua, uap

Program Manager: Kenneth G. Chua, uap

6:00 AM	Registration	
7:00 AM	Start of Games and Matches	For Basketball
8:00 AM	Start of Games and Matches	For Badminton
10:00 AM	Reflection and Invocation	
	National Anthem	
10:15 AM	Welcome Remarks	Richard M. Garcia, fuap <i>Director, 35th National Convention</i>
10:30 AM	Acknowledgement of Guests and Roll Call by Chapter / Teams	Roger T. Ong, uap <i>Executive Director Commission on Conventions & Conferences</i>
10:45 AM	Opening Address	Medeliano T. Roldan, Jr., fuap <i>UAP National President</i>
11:00 AM	Closing Remarks	Kenneth G. Chua, uap <i>Chair, Arkilympics</i>
12:00 NN	Resumption of Games	For Basketball & Badminton
5:00 PM	End of Games	For Badminton
6:00 PM	End of Games	For Basketball



35th UAP National Convention The Power of Architecture DREAM • CREATE • TRANSFORM

Program

DAY
3

Sports Activities Arkilympics

25 April '09 • Saturday • 9:00 AM - 3:00 PM

Bowling & Billiards Program

Venue: AMF-Puyat Bowling Inn
1941 Taft Ave., Manila

Master of Ceremonies: Jonathan E. Baluyot, uap

Program Manager: Jonathan E. Baluyot, uap

9:00 AM	Registration	
9:30 AM	Opening Processional March Reflection and Invocation National Anthem	Jonathan E. Baluyot, uap <i>Event Coordinator, Billiards & Bowling</i>
9:45 AM	Welcome Remarks	Romulo G. De Jesus, Jr., uap <i>Architects' Bowling Club</i>
9:55 AM	Closing Remarks	Virgilio S. Regala, Jr., fuap <i>Architects' Billiards Association</i>
10:00 AM	Start of Games	
3:00 PM	Closing	

DAY
3

Sports Activities Arkilympics

25 April '09 • Saturday • 8:00 AM - 12:00 NN

Golf Program

Venue: Club Intramuros Golf Course
Bonifacio Drive, Manila

Master of Ceremonies: Jerome A. Galarpe, uap

Program Manager: Jerome A. Galarpe, uap

8:00 AM	Registration	
8:30 AM	Ceremonial Tee-Off	Medeliano T. Roldan, Jr., fuap <i>UAP National President</i>
		Richard M. Garcia, fuap <i>Director, 35th National Convention</i>
		Kenneth G. Chua, uap <i>Chair, Arkilympics</i>
		Jerome A. Galarpe, uap <i>Event Coordinator</i>
9:00 AM	Tee-Off	
1:00 PM	Closing	

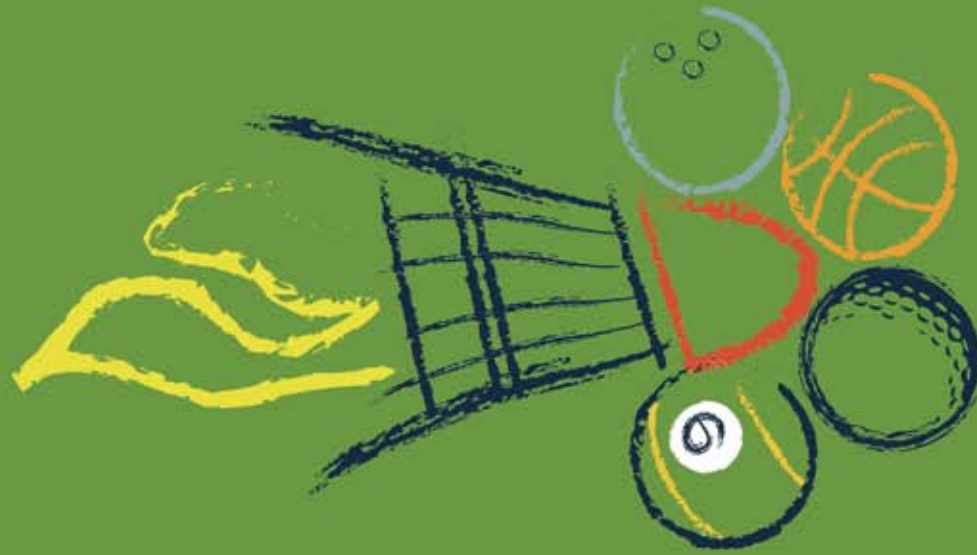




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April 25, 2009 Saturday at venues in Manila and Makati

DEADLINE FOR ENTRIES (April 17, 2009)

BADMINTON: Venue at THE ZONE, Malugay St., Makati City

Number of participants is capped at 60 players.

For your entry to be official, you have to:

1. Be in good standing with the UAP.
2. Have paid the 35th National Convention Registration Fee.
3. Have paid the tournament fee.
4. Have the confirmation of your slot from the Arkilympics Committee.

Tournament fee is set at PHP400.00/player.

Registration is at 6:00 AM.

Games will start at 8:00 AM and end at 5:00 PM.

Opening Ceremonies will be held at 11:00 AM at the same venue.

Tournament Format is a Single Round Robin with Finals. Standard Rallye-Point system shall be implemented for the scoring.

There will be 4 skill classifications, namely, Class A, Class B, Class C and Class D. The classification database of the Architects' Badminton Federation (ABF) will be used to classify most of the participants. Those players, not found in the database, will be classified separately. Partners will be assigned.

BASKETBALL: Venue at THE ZONE, Malugay St., Makati City

Number of participants is capped at 6 teams with max. 16 players per team.

For your entry to be official, you have to:

1. Be in good standing with the UAP.
2. Have paid the 35th National Convention Registration Fee.
3. Have paid the tournament fee.
4. Have the confirmation of your slot from the Arkilympics Committee.

Tournament fee is set at PHP5,000.00/team.

Registration is at 6:00 AM.

Games will start at 7:00 AM and end at 6:00 PM.

Opening Ceremonies will be held at 11:00 AM at the same venue.

Team lineup has to be submitted upon registration of the team.

BOWLING: Venue at AMF-PUYAT BOWLING INN, Taft Avenue, Manila

Number of participants is capped at 30 players.

For your entry to be official, you have to:

1. Be in good standing with the UAP.
2. Have paid the 35th National Convention Registration Fee.
3. Have paid the tournament fee.
4. Have the confirmation of your slot from the Arkilympics Committee.

Tournament fee is set at PHP400.00/player.

Registration is at 9:00 AM.

Games will start at 10:00 AM and end at 3:00 PM.

Opening Ceremonies will be held at 9:30 AM at the same venue.

Tournament Format: There will be 2 Groups divided based on their handicap via the Architects' Bowling Club (ABC) ruling.

BILLIARDS: Venue at AMF-PUYAT BOWLING INN, Taft Avenue, Manila

Number of participants is capped at 24 players.

For your entry to be official, you have to:

1. Be in good standing with the UAP.
2. Have paid the 35th National Convention Registration Fee.
3. Have paid the tournament fee.
4. Have the confirmation of your slot from the Arkilympics Committee.

Tournament fee is set at PHP200.00/player.

Registration is at 9:00 AM.

Games will start at 10:00 AM and end at 3:00 PM.

Opening Ceremonies will be held at 9:30 AM at the same venue before the start of the Games.

GOLF: Venue at CLUB INTRAMUROS, Bonifacio Drive, Manila

Number of participants is capped at 40 players.

For your entry to be official, you have to:

1. Be in good standing with the UAP.
2. Have paid the 35th National Convention Registration Fee.
3. Have paid the tournament fee.
4. Have the confirmation of your slot from the Arkilympics Committee.

Tournament fee is set at PHP1,200.00/player.

Registration is at 8:00 AM.

Tea-off will start at 9:00 AM and end at 1:00 PM.

Opening Ceremonies will be held at 8:30 AM at the same venue before Tea-off.

Tournament Format will be: System 36.

For more information, please contact:

Arch. Kenneth Chua - (0922) 822.7517 and (0920) 945.8810

Chairman, Arkilympics Committee

Badminton & Basketball Events Coordinator

Arch. Mich Begonia - (0922) 827.4341

Deputy Chairman, Arkilympics Committee

Arch. Jerome Galarpe - (0917) 804.2003

Golf Event Coordinator, Arkilympics Committee

Arch. Jonathan Balyot - (0922) 837.6656

Bowling & Billiards Events Coordinator, Arkilympics Committee



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35th UAP National Convention

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Program

DAY
3

Seminar

25 April '09 • Saturday • 8:00 AM - 12:00 NN

Venue: Exhibit Hall 2 (ConEx)
Master of Ceremonies: Patricia D. Mendoza, uap
Russell Fatima N. Moleta, uap
Program Manager: Techie Rose O. Espiritu, uap

7:30 AM Registration/Seating of Delegates

8:00 AM Welcoming of delegates

Introduction of Speaker
World Health Organization

8:30 AM Global Strategy for Disasters
and Risk Reduction

9:45 AM Snack/Break

10:00 AM Introduction of Speaker

Carmencita A. Banatin, MD, MHA
Director III
Health Emergency Management Staff
Department of Health

10:15 AM Integrating Risk Management
in Architectural Planning and Design

11:15 AM Open Forum

11:45 AM Awarding of Plaque of Appreciation

12:00 NN Closing Remarks

DAY
3

Seminar

25 April '09 • Saturday • 1:00 PM - 3:00 PM

Venue: Exhibit Hall 2 (ConEx)
Master of Ceremonies: Mystice Michelle H. De Guzman, uap
Paolo F. Manalansan, uap
Program Manager: Mystice Michelle H. De Guzman, uap
Paolo F. Manalansan, uap

1:00 PM Registration of Delegates
Welcoming of Delegates

1:30 PM Introduction of Speaker

1:35 PM The Greatness of Everyday
Filipino Heritage

Augusto 'Toti' Villalon, uap
Key Speaker

2:00 PM Break

2:10 PM Introduction of Speaker

2:15 PM The Infusion of Feng Shui
in Sustainable Architecture

Annie C. Pugeda, uap
Key Speaker

2:40 PM Open Forum

2:50 PM Awarding of Plaques of Appreciation

3:00 PM Closing Remarks





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**DAY
3**

Closing Ceremonies and Fellowship Night

25 April '09 • Saturday • 6:00 PM- 12:00 MN

Venue: Function Rooms 2 & 3
Master of Ceremonies: Omar C. Palero, uap
Program Manager: Omar C. Palero, uap

- 6:00 PM Seating of Delegates
- 6:30 PM Invocation
- 6:45 PM National Anthem
- UAP March
- Architect's Credo
- 6: 55 PM Call to Order
- 7:05 PM Convention Report
- 7:20 PM Proclamation of Election
Winners & Presentation
of Incoming
UAP National Board
- 7:45 PM Closing Remarks
- Adjournment

Medeliano T. Roldan, Jr., fuap
UAP National President

Richard M. Garcia, fuap
Director, 35th National Convention





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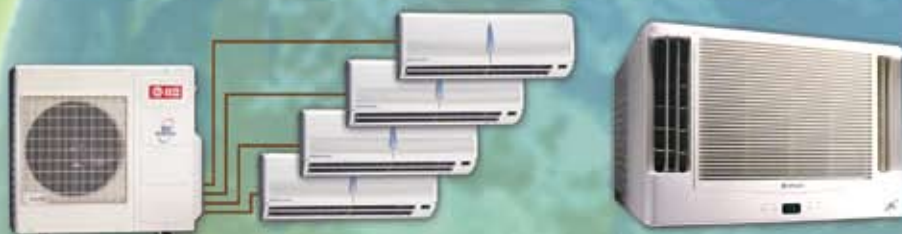
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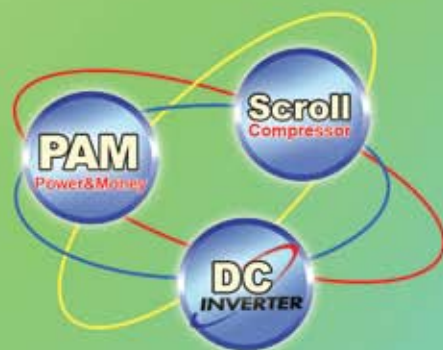
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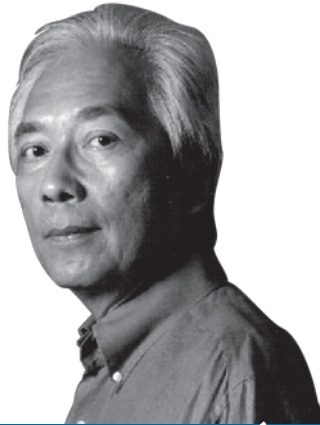


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Speakers' Profile

35th UAP National Convention
The Power of Architecture
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Heritage Conservation in Macau



AUGUSTO "Toti" VILLALÓN

Augusto Villalón is an architect and cultural heritage planner who graduated from Notre Dame and Yale Universities, and was awarded a Ph.D Honoris Causa by the Far Eastern University. Aside from his architecture practice, he has been involved with the Heritage Conservation Society and the National Commission on Culture and the Arts (NCCA) in Manila, UNESCO in Manila and Paris, ICOMOS in Paris, the United Nations World Tourism Organization in Madrid, the National Trust in Australia, and other international organizations. Projects have taken him from his base in Manila to various Philippine and overseas locations. He has received awards from the City of Manila, NCCA, United Architects of the Philippines, and UNESCO. His books, published in the Philippines and in Europe, are "Living Landscapes and Cultural Landmarks: World Heritage Sites in the Philippines", "Lugar" and "Manila". He writes a weekly column on heritage conservation for the Philippine Daily Inquirer.





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Feng Shui Colors, Shape & Elements

MARITES ALLEN

Marites Allen, who has made feng shui her life's work and credits her triumphs over early personal adversity and achieving financial and personal success to this living skill, is a living testimony to the attraction of this ancient Chinese practice to all nationalities and economic classes. In the Philippines, feng shui continues to gain adherents.

Marites is a certified feng shui expert and President & CEO of "The World Of Feng Shui" boutique in Manila. She explains that feng shui is the ancient Chinese art of manipulating and arranging one's surroundings to attract positive life energy, or chi, so that it flows smoothly, unblocking any obstructions in the body and the environment. Literally meaning "wind and water," origins date back several thousand years. Feng shui has evolved from the theory that people are affected by their surroundings.

You may visit WORLD OF FENG SHUI Branches at the ground floor of The Podium Mall (914 7888), SM City Cebu (032 231 4088), Mall of Asia (556 0615), Serendra Piazza (909 7088), The Block of SM North Edsa (442 0113), WOFS New Manila (412 6888) and WOFS Glorietta IV (818 8858).



The Infusion of Feng Shui in Sustainable Architecture

ANNIE CORPUZ-PUGEDA

- Graduate of University of Santo Tomas Batch '86 with a degree in Bachelor of Science in Architecture
- Took the Architecture Licensure Examination in June 1989 and ranked 14th
- An academician in Architecture schools since 1990
- Attended the Advanced Training on Conservation and Management of Heritage Structures in Lund University, Sweden last September 2008 and March 2009 in Manila, Philippines
- Speaker in various organizations like UAPGA, PIA, FEU, UAP and WorldBex
- Took her Master of Arts degree, Major in Instruction and Curriculum in the FEU Institute of Graduate Studies last March 2005
- Presently teaching with a rank of Associate Professor II at the Institute of Architecture & Fine Arts of the Far Eastern University
- Presently connected with JPT Architecture Review Center and has been a Reviewer in Utilities and Architectural Design since 1991
- She is also the Institute Coordinator of the FEU Institute of Architecture & Fine Arts Architecture Licensure Examination (FEU IARFA ALE) Review
- Held various posts in the United Architects of the Philippines, like Chair of the World Architecture Day 2008, being the Chair of the UAP Balangkas, Chapter President of the UAP Manila Centrum Chapter from 2004 – 2007, Secretariat Chair of UAP National Conventions & Conferences and the Nationwide Architecture Week.
- Have studied Basic Feng Shui from Arch. Calet Alviar Rapsing, her mentor

Speakers' Profile

35th UAP National Convention
The Power of Architecture
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Façade Consultancy Bridging the Gap

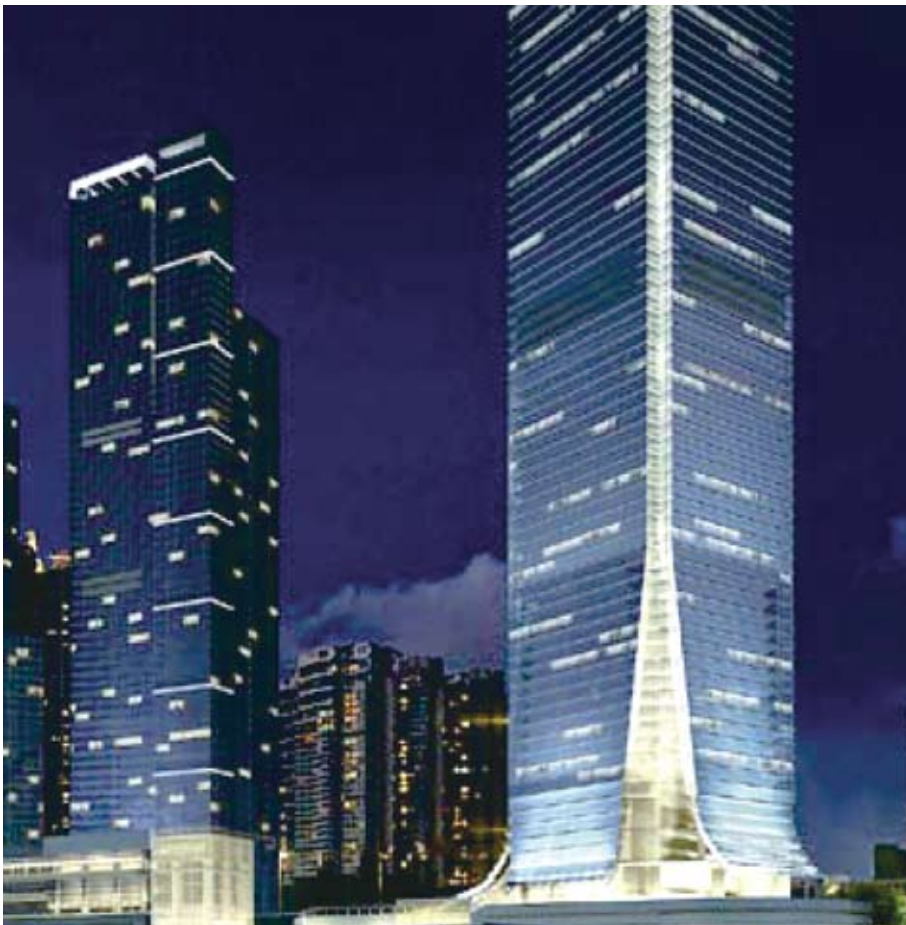


RON BERTOLI

Over the past 20 years, facades have developed and emerged as one of the most complex and costly aspects of any building design. With the advancement of computer imagery and 3D graphics, the emerging significance of green technology, and the ever increasing demand for architectural ingenuity, façade design has become a specialized area requiring a combination of multiple disciplines.

In this paper, we look at the role of the facade consultant and how they 'bridge the gap' between design and reality. By advising the design team on types of systems that will most benefit each architectural scheme, façade consultants assist to realise the architectural visions that are presented to clients at the inception of any project.

The aim of this paper is to briefly look at the history of facades, the emergence of façade engineering as a discipline in its own right, the role of the façade consultant and what they bring to the project, and at what time do you engage a façade consultant. It will explain how important the skills and experience of a façade consultant are in selecting the correct systems to achieve the architectural concept, selection of materials for not purely aesthetic reasons but also for long term durability, achieving sustainable designs that reduce operation and maintenance costs, while maintaining building costs in line with client budgets.





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Integrating Risk Management in Architectural Designing and Planning



"Integrating Risk Management in Architectural Designing and Planning" provides a background of the common hazards affecting various places in the Philippines that resulted to major emergencies or disasters. This is aimed at imparting knowledge regarding the hazard prone areas and that such hazards may be avoided or given basic considerations in planning and designing infrastructures most especially in terms of location and design selection for health facilities like hospitals. This is exemplified by a decision of building concrete infrastructures or hospitals on an elevated area outside the danger zone of Mayon Volcano because of the risk reduction plan intended in preparation to the frequent occurrence of volcanic eruption, typhoon, and the resultant flood.

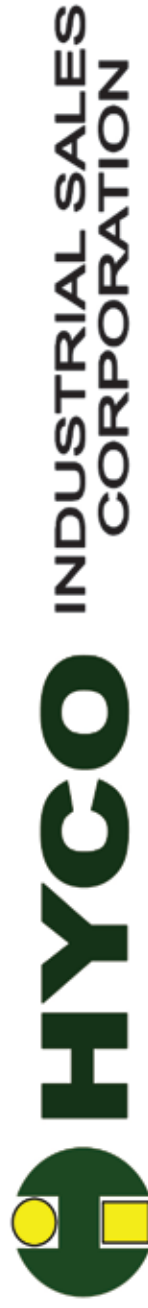
The presentation emphasized the vital significance of integrating "Risk Management Approach" in any form of planning and developmental initiatives. Identifying the hazards and analyzing the specific vulnerabilities of the communities potentially affected, can help in anticipating the probable risks, and building capacities to manage such risks. The capacity building strategies include facility or safe physical infrastructure development.

Finally, the presentation includes the advocacy of the Department of Health (DOH) regarding its plight for "Hospitals Safe from Disaster". DOH extensively exerts efforts in its advocacy campaign to divert the attention of all engineers and architects to face the multiple challenges of building "Hospitals Safe from Disasters". The campaign presses on the issue that "Risk Management Approach" much play primary consideration in building hospitals from the planning stage, to the designing, and even up to the final occupancy stage so that multi-level safety will be observed, implemented, and monitored.

Dr. Carmencita "Baby" Banatin is presently the Director III of the Health Emergency Management Staff of the Department of Health, the primary office responsible for the Management of Health Emergency and Disaster. She had been in the program since 1994 by being once a Program Manager which developed her into more than just a Technical Expert in Health Emergency Management but rather a Guru that knows its helms.

She had widened her capacity horizon in Health Emergency Management through attendance to several local and international training and had likewise shared her expertise in different fields. As a Temporary Adviser of the WHO, she has attended various consultative meetings related to health emergency management, and served as a technical resource, facilitator, and instructor in Thailand, Japan, Vietnam, China and Geneva, Switzerland. Last year, she was designated as the Chairperson of the Regional TWG on Contingency Planning, Preparedness, and Response in Environmental Health Emergencies.

As one of the strong pillars in the development and institutionalization of a National Health Emergency Preparedness and Response Office in the Department of Health, she continuously labors towards fulfilling a vision of developing it as the Asia's model in health emergency management. She had authored and co – authored several books and publications like the Indicators for Safe Hospitals, Manual on Treatment Protocol, and the revision of the Manual of Guidelines for Hospitals; to name a few. And finally, as a Policy and Reforms Advocate in the Philippines on Health Emergency Management she was instrumental in the signing and dissemination, and implementation of the Legal Mandates on the Institutionalization of HEMS at all levels of the government.



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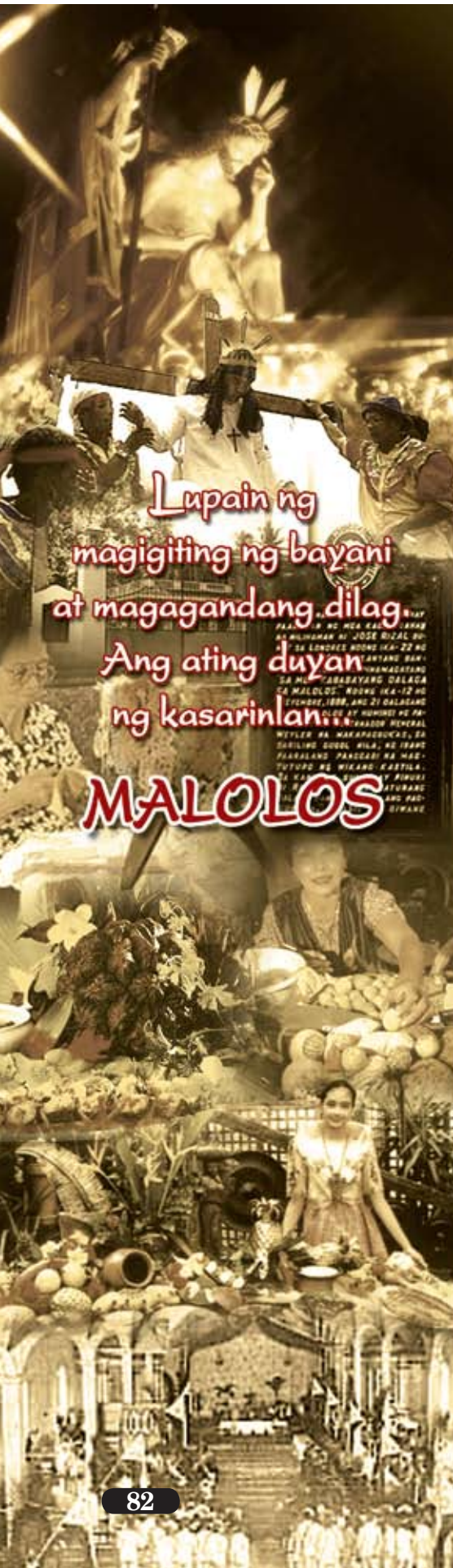
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PHYSICAL DEVELOPMENT PLAN for The Historic Town Center of MALOLOS

THIS IS MALOLOS... a town rich in cultural heritage, site of our nation's finest moments in history and a venue of great possibilities. Located 42 kilometers northeast of Manila, Malolos is the commercial, residential, industrial, residential, industrial, institutional and historical center of the province of Bulacan. Once a simple *poblacion*, it has grown to be one of the best known local units not only in Bulacan but in the Philippines as well.

Malolos was an *encomienda* of Tirado before it became a *poblacion* according to the "Account on Encomiendas in 1591"¹. As it was laid out, it followed ordinances of the Laws of the Indies whereby a certain area was decreed to be of the Church, another for the civil government, another for the *principales* and so on, along a circular gradient emanating from the town plaza. The roads were also to be constructed in such a way that they radiate at right angles from the center into the four cardinal points. The concept of "centrally located shrines, great market places and open squares" were probably inspired by the practice of the Aztecs of Latin America while the Roman grid system as conceptualized by Vitruvius and developed by the Renaissance became its formal justification.²

Because of the ecological terrain of Malolos, it became important in the development of a complex system of roads and waterways in Luzon. A military road connected the *poblacion* of Bulacan to Manila by mid-eighteenth century while trade towards Pampanga and Pangasinan was through the rivers and the sea. By 1842, Malolos, a newly emerging *principalia*, was the most populous town in Bulacan.

By the turn of the 19th century, concrete churches, bridges and hispanized homes (*Bahay na Bato*) were constructed. It was on 1898 that Malolos glittered with pride when the Revolutionary Congress, also called Malolos Congress, convened inside the Barasoain Church with the framing of the Malolos Constitution, "the best gem of glory of the political capability of the Filipino people in those historic times".³ The Basilica Minore, known as *Presidencia*, became the official residence of General Emilio Aguinaldo and the Barasoain Church was the session hall of the Congress.

As to why Malolos was chosen by Aguinaldo as his capital, J.D. Miley pointed its historicity. He said that aside from the town's accessibility, the real reason for its selection was the fact the "the present revolution had its first beginning there that the place persistently remained a hotbed of revolution, and as a reward for the patriotism and loyalty of this picturesque little town".⁴

For centuries, the town of Malolos has been engraved in every Filipino's consciousness of history. It is a town that has witnessed the country's

most the key elements- its physical characteristics, significant events and structures- that are vital to the preservation of Malolos' unique historical and cultural past.

2. To enhance existing physical elements- spatial and architectural- through the formulation of a development plan that will represent the town's character and create a means of effectively preserving it as a heritage town.
3. To formulate guidelines and policies towards a realistic and feasible physical development plan through the inputs of community participation.

SCOPE AND LIMITATION OF THE STUDY

The study focuses on the formulation of a physical development plan of a heritage district on the town center of Malolos where most historical sites and ancestral houses are located. Assessment and recommendations with regards to its present land use, traffic, etc. will be considered.

The historic town center identified by the National Historical Institute will be the coverage of the proposed development plan. The study shall be limited to solutions regarding land-use, zoning and transportation that will directly affect the historical center and proposed heritage district.

For ancestral houses needing restoration that are within the proposed heritage district, a detailed study must be conducted separately. All identified heritage sites and structures of the National Historical Institute will be evaluated on its attributes and how it can affect the proposed development plan.

CONCEPT OF STUDY

The following concepts are the basis of this study:

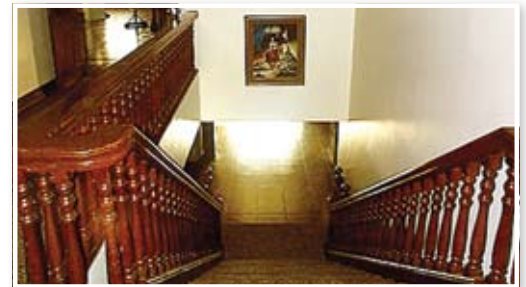
1. The notion of "genius loci" will be used in the formulation of the proposed physical plan of the historical center of Malolos. This notion is based upon the belief that each town has its own individual special uniqueness, character, identity and spirit which differ from all other places –a spirit which has value and meaning to a town's inhabitants and without which their quality of life would be diminished.
2. Adoption of continuity in planning through the inclusion of a heritage district in the town's urban fabric.
3. Urban conservation in the built environment can enhance the unique character of Malolos balancing it with its contemporary activities and developments.

SUMMARY OF FINDINGS

Despite the enormous changes occurring caused by the rapid pace and enormous scale of the modernization process, there still remains a place for historical identity in a modern society.

Even before recognized as a component city, the town's built environment have been silently causing fragmentation and discontinuity to the unique identity of Malolos. Its commercialization gave a dramatic impact on the physical fabric of Malolos, and if not controlled, it might deter the quality of life still enjoyed by the residents.

What is important is to maintain the identity of Malolos through the preservation of its architectural legacy and spatial characteristics and the community must recognize and understood its unique character and work within its constraints. The presence of the historical structures is the starting point of the enhancement strategies proposed in this study focusing on the on the identification of a historic district on Sto Niño and F.T. Reyes Streets.



In some places, there have been issues and protests in declaring local historic districts claiming that it is merely a government scheme to control private properties. It is not true in the case of Malolos because private owners of these historical structures were very positive. Belonging to the elite family since the 1800s, these people chose to do minimal changes, if any, to their ancestral houses. Most of these houses are maintained by caretakers with the owners living in Manila or have migrated in some other country.

In this proposal, guidelines are less stricter than other historic towns and restrictions in zoning will only be for new and future constructions within the historical center. The plan was to enhance the historical road of Paseo del Congreso whereby street ornaments and decorations will be utilized. Structures along the street will be required to provide additional features such as canopies, grill works, attractive store fronts, plant boxes, lighting fixtures and allowed size of signages. They will be given a maximum of two years to comply.

It was in 1998, during the centennial celebration of the First Philippine Republic, when Malolos was truly recognized by every Filipino. Local and foreign tourist frequented Barasoain Church, with Malolos being included in the itinerary of heritage tours of the Department of Tourism. A potential tourist destination, Malolos offers educational combined with pleasure trip.

The place and the community were not ready for the sudden influx of tourists. There is no other destination other than Barasoain Church and Casa Real Museum. Traffic congestion worsened along Paseo del Congreso. This calls for an effective physical plan included in its tourism program.

Advertising and promotional literature can be a minor ingredient since Malolos is always included in tour packages. What is needed is to offer something visitors can repeatedly come back for. It must be able to feature its local culture including handicrafts, art, music, traditions, etc.

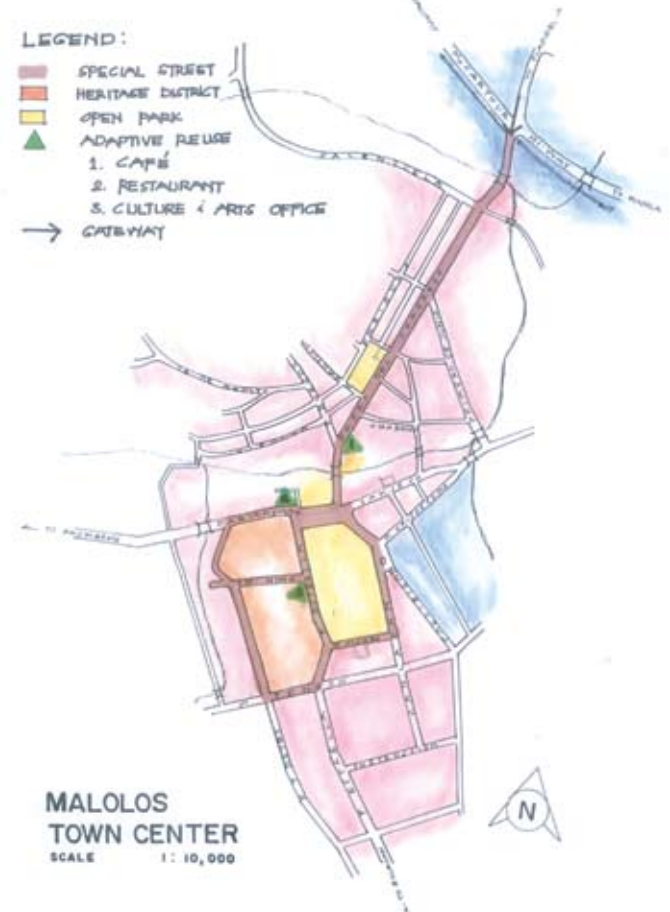
All guidelines and programs must be supported by adequate services, safety and security within the area.

CONCLUSION

In a message wrote by Gen. Emilio Aguinaldo for the Bulakan brochure for the Philippine International Affair in 1953, he said that the mere mention of the word "Bulakan" and "Malolos" reminded him of the historical struggle for the attainment of the Philippine Independence and the proclamation of the First Philippine Republic in 1899. Malolos can be found in all historical articles and books about the Philippines. It has played an important role in the cutting of chains of our colonial bondage towards freedom and democracy. For in a sense, Malolos does not belong to Filipinos alone, but to the whole world.⁵

Recommendation No. 1

A physical development plan must be formulated first so as to give spatial dimension to the final development strategy which will be protective of the integrity of the cultural resources and enhance the visual quality of the historic center of Malolos.



While other places are appealing to be considered as heritage sites, like Quiapo and Baguio City, Malolos must be able to make use of its attributes advantageously. For some, having Malolos as historical center is more of a liability than an asset. What is needed is a strong cultural advocacy through the combining efforts of the different cultural groups in the locality. It is important for them to find avenues on how to promote understanding and appreciation of the city's rich cultural heritage and that its protection preserves the identity of Malolos.

What is important is for the Filipino people to continue to appreciate Malolos as a historically diverse place to work, live and visit. It has its "soul" to offer, the special, unique historical character and identity makes it distinctive from any other heritage district.

The sense of identity of a place provides the identity of its people, and in this case, it is not only of the Maloleños' but of the Filipinos as well. For us to have a place with its "spirits" alive can make us indispensable from the ill effects of modernization. This study, which has the primary goal of maintaining

Recommendation No. 2

Establishment of design controls for architecture, site designs, and other aesthetic components for development.



Recommendation No. 3

Prepare a set of planning and implementation "tools" that would amend existing local zoning ordinances that will direct development and protect the scenic quality of Malolos' historic center.

- Ordinance
- Malolos Historical Council
- Malolos Historical Center and Tourism Office



the genius loci of the place, had focused on its visual setting, basic structures and reorganization, entrance points and zones of entry, the central area, and its details.

It is in strengthening the sense of place of Malolos can we strengthen the sense of identity of the people, not only of the Maloleños, but the Filipino people as well.

Ma. Saturnina J. Crisostomo-Parungao



A true blooded Bulakeña, Ma. Saturnina C. Parungao is the pride of UAP and her hometown. For the last two decades, she has served in various capacities: educator and dean of Bulacan State University, officer of the Council of Deans and Heads of Architectural Schools in the Philippines (CODHASP), and key officer of UAP Barasaoain chapter. Currently, Parungao is the outgoing district director of A2a

- 1 Emma Blair and Alexander Robertson, THE PHILIPPINE ISLANDS. Cleveland, p.103
- 2 Daniel F. Doeppers, ETHNICITY AND CLASS IN THE STRUCTURE OF PHILIPPINE CITIES. PhD Dissertation, Syracuse University, 1971, p. 28
- 3 Teodoro M. Kalaw, La Constitucion de Malolos (Manila, 1910), p. 5
- 4 J.D. Miley, AGUINALDO'S CAPITAL: WHY MALOLOS WAS CHOSEN. Scriber's Magazine. July- December 1899, p. 320
- 5 Senator Blas F. Ople, Keynote speech at the International Conference on the Centennial of the Malolos Congress, September 13, 1998



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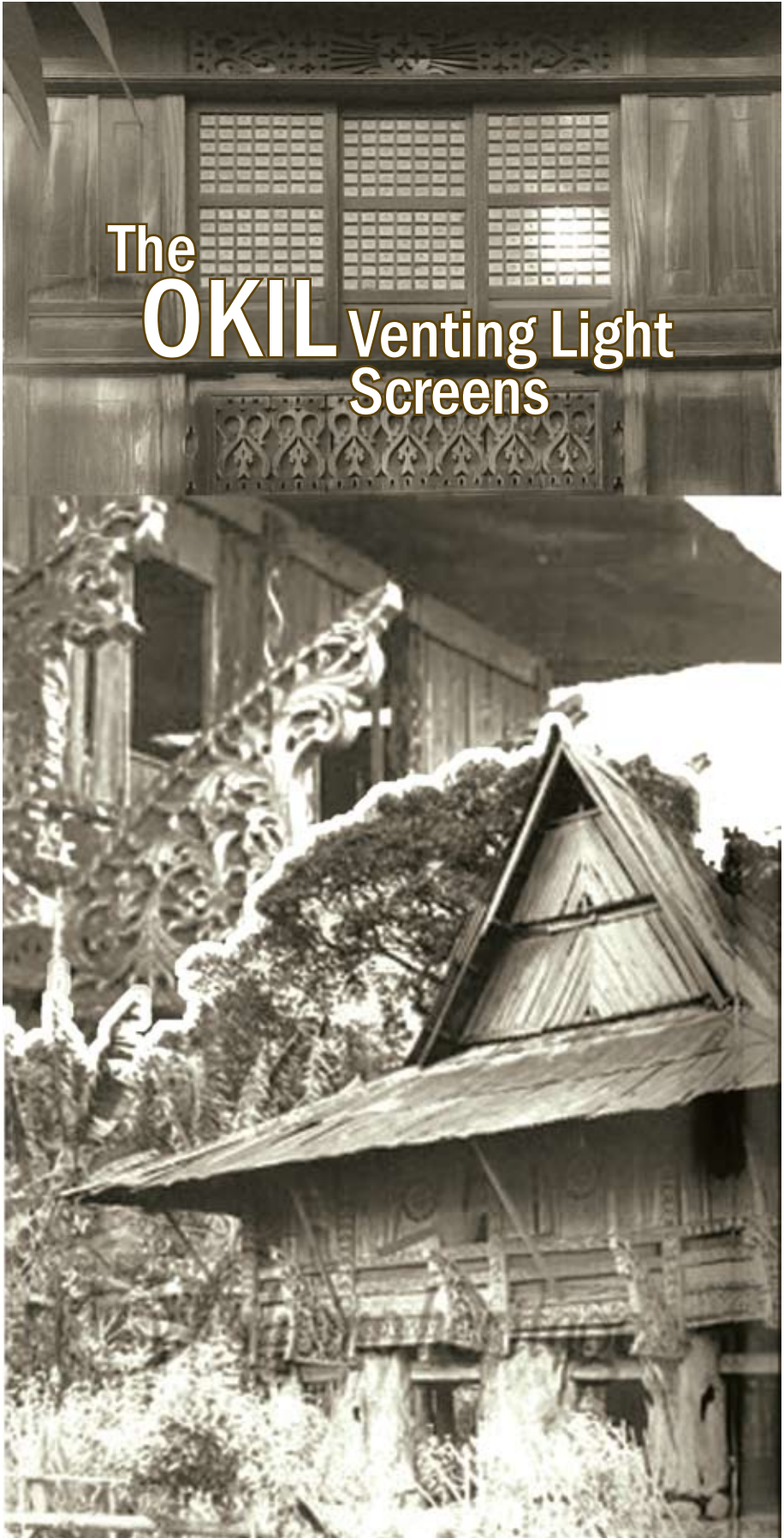
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The OKIL Venting Light Screens

THROUGHOUT the centuries of Philippine building tradition, from up north of the archipelago to down south, a variety of houses has emerged. Taking on various forms --- the rustic *bahay kubo*, the elegant *bahay na bato*, the modest *tsalet* --- the Filipino house has been shaped by the demands of the environment and available building materials.

Because of our country's tropical climate, one distinct feature of the Filipino house is the concept of transparency. This characteristic allows for maximum ventilation or better circulation of air, making the house rather comfortable despite the scorching heat and stifling humidity of the tropical climate.

These climatic concerns are addressed with wide windows, elevated floors, roof vents, open porches and fretwork at the upper portions of partitions, giving the Filipino house an airy or *maaliwalas* ambiance. Hence, making the structure truly "a house that breathes."

In some parts of Mindanao, particularly around the Davao Gulf area, an architectural detail has evolved in response to the tropical climate --- the *okil* venting light screen or VLS. This is a creative ventilation detail that brings in outside air and shadowed light into the house's interior. The light screen consists of repeated patterns of carved wood panels with interesting curving designs in its perforations.

Okil comes from the Malayan word "ukit" which means to carve. The VLS' flamboyant pattern takes off from the *okir*, the Maranao's ornate curvilinear motifs applied in woodcarving, popularly found in the *panolong*, the protruding beam-end of the *torogan* or the Maranao datu house.

The VLS, while resembling the *calado*, runs the whole length of the exterior wall and is also found above the window transom and *ventanilla*, while the latter is mainly positioned in the upper parts of interior partitions. Aside from allowing cross ventilation, the light screen allows diffused light to stream into the house while casting



The okil VLS of this a pre-war residence in Sta. Cruz, Davao del Sur gives a lace-like ornamentation to its plain exterior wall.



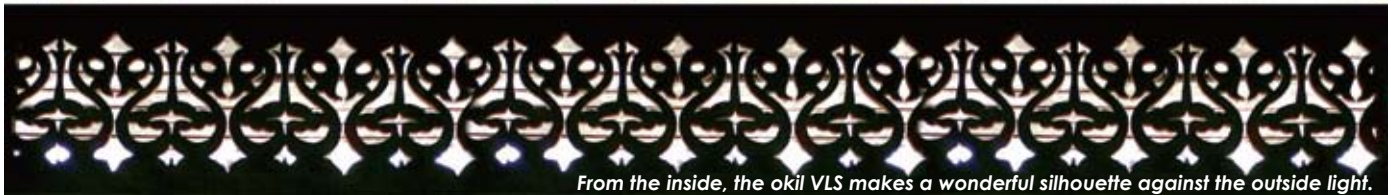
The Antonio Estioko House in Pantukan, Compostella Valley, built in 1938, shows a fine specimen of the okil VLS.



An extant house in Hagonoy, Davao del Sur has okil VLS on the ventinalla and above the transom.



An abandoned house in Gov. Generoso, Davao Oriental still displays its nice okil VLS.



From the inside, the okil VLS makes a wonderful silhouette against the outside light.

ornate shadows inside. From the outside, the VLS provides an attractive lace-like ornamentation to a humble wooden structure.

A recent documentation of ancestral homes in Mindanao revealed that this architectural feature developed in the southern parts of the island in the early 1900s and eventually disappeared around half a century later. This was the period when large plantations were established in Mindanao, which brought an influx of migrants from different parts of the country. The region, thus, became an melting pot of cultures, bringing together varied building traditions.

During the study, the researchers were able to locate in the sleepy town of Baganga, Davao Oriental, a living artisan of the okil VLS, Hipolito Mulato, who, with other apprentice carpenters from Bohol, travelled to Davao in the 1930s in search of livelihood. Later, becoming a master carpenter, Mr. Mulato, now an octogenarian, would incorporate *Mindanawon* motifs into his carpentry know-how. His masterpieces, proud residential structures of yore, now dilapidated, can still be found around Bangaga.

Artistic details, though not imperative in building function, plays an important role in architecture. The okil venting light screen was able to fuse both. Indeed, its an outstanding architectural detail that combines fascinating ornamentation with the important demands of tropical design.



Ericson P. Europa

Arch. Ericson P. Europa is a faculty of the BS Architecture Program in UP Mindanao and was part of a NCCA-funded research grant, entitled "Philippine Pre-World War II Period Architecture in the Mindanao Context: Focus on Architectural Venting Light Screens." He is a past Chapter President of UAP Davao and currently Corresponding Editor of the UAP Post.

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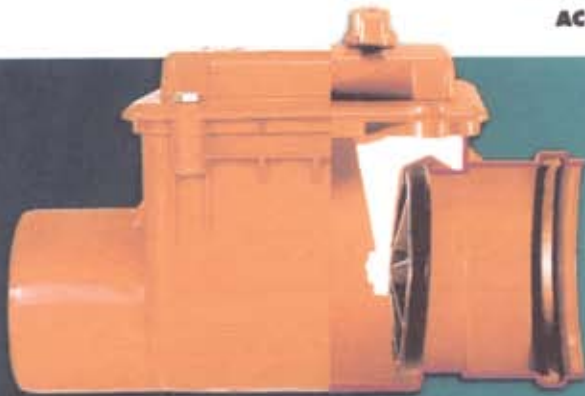
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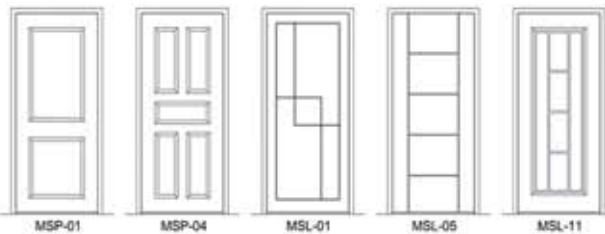
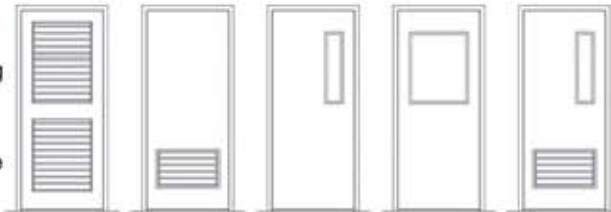
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MACAU

Something Old, Something New

Photos by Fr. Ray Bernard Martinez and F. A. Tejuco, Jr.
Editor's Note: Article was originally published in the UAP Post, Vol. 34, Issue No. 2 February 2009.



(Left) The strip of Rua de Roque, which boasts of two-story ochre painted residences and (right) the remains of St. Paul's Cathedral

I BELONG to a small class of architects and aspiring planners, who are taking up a master's degree in Architecture at the UST Graduate School (USTGS). Last October 2008, to further our education, Prof. Connie Roxas, an architect-environmental planner, led us on a four-day cultural trip to Macau-Hongkong. She is escorted by her spouse, Eghai, a visual artist and UP alumnus, and Manuel Noche, fellow faculty member in the USTGS and College of Architecture.

Mostly Thomasians, my architect classmates are Tony-Kar Balde, former colleague of Prof. Roxas, and Shalla Billano with husband Ian, both from Pampanga and members of UAP Angeles chapter. The other architects were Rino Fernandez, also professor of UST College of Architecture with wife Josie and Rino's co-faculty member, Juanito Malaga; former nun Jenny Sanchez of UAP Quezon chapter and co-chapter member Warren Quiambao and wife Tutit; and Anthony Sarmiento, the youngest of the group. The only non-architect, Fr. Ray Martinez, a classmate of mine in Cultural Heritage Studies (CHS), completed the group of 15.

Urban Macau

The trip from Manila to Macau was almost an hour via Air Macau airline. Upon arrival, we made our way from the customs department to the airport lobby where we were welcomed by our Chinese tour guide. A not-so patient man, he herded the group to the shuttle. Because of time constraints, we immediately headed to the Fisherman's Wharf for lunch. The buffet table was filled up with a variety of meat and fish, fruits and vegetable, and pastries. It was followed by a quick tour and photo-ops of the Wharf before we continued our half-day tour.

Indeed, Macau is similar to the Philippines in a lot of aspects. Under the colony of Spain's rival then, Portugal's influence is evident in Macau's grid-typed plans, stone structures and Catholic churches. On the other hand, some of those built even before the coming of the Portuguese remains alive today like A-Ma Temple. It is a variety of pavilions dedicated to the worship of different deities inspired by various religions like Confucianism, Taoism and Buddhism.

It was almost 6 pm when we checked-in to our hotel. Fu Hua Guang Dong Hotel is a modest-multi-level structure located at the intersection of Avenida Costa e Horta and Rua de Xavier Pereira, which is a bustling commercial area. Having refreshed ourselves, the group decided to have dinner in a noodle house and make a quick night tour before finally returning to the hotel.

Heritage appreciation

On our second day, as the group split up, Anthony and I decided to join Fr. Ray to experience Coloane. Along the way, we passed by churches and a cemetery, government buildings and a nearby market. One of my favorite is the strip of Rua de Roque, which boasts of two-story ochre painted residences.

After several roadblocks, we found the right bus for Coloane, which is a laidback fishing port. We first had lunch at a pasta-pastry shop, served by a waiter from the Visayas. Fr. Rey conversed with him in their native dialect. Properly fed and rested, we made our leisurely stroll. There, old buildings from temples and churches and houses stood side by side with modern architecture. One of these is the Church of St. Francis Xavier. The simple interiors are highlighted by the black marble altar. After rounds of photo shoots, to the delight and dismay of Fr. Ray, we headed back to the city by 3pm.

We enjoyed the remaining hours visiting the Church of St. Anthony and the Macau Museum of Art. Surprisingly, in certain galleries, they allow photo and video shoots as long as there will be no flashes. When we reached the uppermost floor, which houses historical documents, we met two more Filipinos both working as security personnel.

From the museum, we made our way to the commercial district just blocks away. Famous branded shops lined up the European-inspired shopping square. Fr. Ray went to a bookstore and bought two art books. Both Anthony and I haggled for some souvenir items.

Before going back to the hotel, we decided to make one last stop: Hotel Lisboa. A towering steel icon at day, it is a colorful, flaring tower by dark. Together with other tourists, we took photos of each other beside this magnificent display of lights.

Souvenir shopping

With enough memories and photos of Macau, the next day was set for Hongkong. The fastest route was through the Turbojet Ferry. Upon arrival, breakfast was followed by alternate walking and use of the subway. Still divided into groups, this time, I was in the company





of Prof. Roxas and her husband, couple Ian and Shalla, and Tony-Kar. The first stop was the Peak Tower via tramway. The wax statue of Jacky Chan welcomed us at the station. In 30 minutes we made our way to the Tower and enjoyed a bird's eye view of Hongkong and the cool breeze. After a quick lunch, we headed for the flea market near Public Square Street via Hongkong streets and the subway.

Minus the merchandise and the Chinese-speaking locals and signages, The night market is no different to the market stalls Carriedo back during the days of Mayor Afiienza. Shalla bought a jade chess playset. Eghai got his money's worth for a vintage watch. I bought some chopsticks and a red shirt with the word "Buddha" printed in Chinese. After two hours, we chose to have dinner along the streets. Diners here were open under the night sky and sandwiched between passing cars and market stalls. I particularly enjoyed the buttered chicken with lemon sauce and sauted fish in basil leaves. We returned to Macau before midnight.

The following morning, Anthony and I made one last tour of Macau. After some last minute shopping at a nearby grocery store, we returned and readied ourselves.

In many ways, Macau is like Manila. And one of the most admirable is that they made heritage tourism work. It was sincere and unpretentious, making me wonder if there's a chance we can do the same here in Manila. Who knows?



(L-R) The Church of St. Francis Xavier and a small Chinese temple. Posing for posterity before heading home: couples Ian and Shalla Billano, Josie and Rino Fernandez, Manuel Noche, Tony-Kar Balde, Prof Connie and Eghai Roxas, Jenny Sanchez, Anthony Sarmiento, Tuli Quiambao, Fr. Ray Martinez, and Juanito Malaga.



Felicisimo A. Tejuco, Jr.

The editor-in-chief of the UAP Post and the Souvenir Program of the 35th National Convention, the author was chapter president of UAP Rizal-Kalayaan 100 chapter.

Behind the lens is **Fr. Ray Bernard Martinez**. Belonging to the Archdiocese of Capiz, Fr. Ray is a student of Cultural Heritage Studies (CHS) at the USTGS. He is currently based at Sto. Niño de Tondo Parish.

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introduces the concept of Feng Shui in sustainable architecture and gives an overview of the principles of Feng Shui which are inherently within the sustainable building movement: namely, treading lightly on the Earth and using her resources wisely. However, there is a significant part of Feng Shui that is often missing from typical green designs. This wisdom can be integrated into sustainable-design practices to enrich human beings through better physical and psychological health.

Feng Shui affects you every moment of your life, whether you realize it or not. The Feng Shui of your home, your workplace, your



office, your child's school, even your supervisor's office impact the quality of your energy and how you experience life in those places.

The principles of Feng Shui state that you are always under the influence of universal energies, or chi. The Chinese describe energies as being yin (passive) or yang (active). For harmony to exist, and therefore, health and well-being, the energies need to be in balance. Negative chi, or energy that is out of balance, contributes to stress, depression, and illness. Negative chi can affect you consciously—such as the stress of being in traffic jam on the way home from work—or subconsciously—such as the stress you will experience as you sit with your back to the office door. This form of subconscious stress grows and accumulates throughout your day. A poorly laid out office plan with sharp angles, a darkly lit entrance to your home, and clutter piled up in your foyer will add stress subconsciously and, with repeated exposure, can lead to depression and illness.

Using the natural movement of chi, the polarities of yin and yang, the five Chinese elements, and the Bagua (a map based on astronomy and calendars), Feng Shui principles can create a more holistic space that nurtures physical and psychological health and well-being.

Feng Shui is the original “green living and design” movement. Nowadays, these new disciplines of green building and sustainable design are concerned primarily with the Earth, energy efficiency, and water management. Feng Shui creates a more holistic approach by bringing in the concept of the human element and psychological well-being. Whether they're newly constructed LEED-certified or Energy Star buildings or existing structures, the lives of those who reside and work in them can be enhanced by incorporating ancient Feng Shui principles.

Some architects understand the power of Feng Shui. Some have become Feng-Shui certified, while others work with Feng Shui consultants on their designs. From health-care facilities to office parks and residences, Feng Shui is enhancing the lives of people in the West at a rate greater than ever before. It's vital that this “green” movement not only continues to grow into the mainstream, but that Feng Shui principles are integrated to create healthy buildings in every sense of the word.

Two Main Cycles of Interaction Between the Five Feng Shui Elements:

PRODUCTIVE CYCLE (Creative Cycle)

Water nurtures -> Wood nurtures -> Fire nurtures -> Earth nurtures -> Metal nurtures -> Water

DESTRUCTIVE CYCLE

Water weakens -> Fire weakens -> Metal weakens -> Wood weakens -> Earth weakens -> Water



Visual Alignments - living area, the furniture diverts the view to the exterior garden (room alignment reinforced through use of a central background painting and carpet) the visual alignments set perpendicular to each other allowing both spaces to synergize (no conflict with one another) general furniture layout arranged so visual attention is directed towards the garden outside (encourages energy to accumulate in the main living area before flowing into the rest of the home) entrance foyer, flanked by a set of paintings of protective symbols; corner windows enforce the prominent nature of the main door create protective Chi



Integrating the 5 Elements into a Design Feature

- layout is focused on a central perspective theme
- to integrate the 5 elements: fire element from light energy through a skylight; exterior walkway surrounding the living area flanked by landscape stone pathway, surrounded by a reflection pool add elements of earth and water; plants (wood energy) used as feature wall in the background soften the overall perspective view; element of metal (color grey) is highlighted by a feature wall within the enclosed space itself
- settee placed in center with carpet border
- surrounding a central marble floor (creates a break between the hard floor and wall surfaces - softens the expression of the space/created a yin and yang effect on the floor better balancing chi energy



Framing Views or Portals

The double framing effect allows the pool and backdrop to hide behind as if to set a picturesque appeal to the space as backdrop, a double feature effect used solid feature wall to create privacy; trees soften the hard effect of the materials used the trees and pool offer a soft or yin texture to the frame, while the feature wall acts as a solid yang surface the view of the reflection pool follows a yang-yin-yang-yin balance of material textures.

Central red carpet breaks the monotony of the hard marble floor; color is duplicated on the portal frame setting the tone for the main destination; a feature wall is highlighted at the background to reaffirm overall design theme; the choice of colors is a reminder that the room is a private room

Images courtesy of Feng Shui World (Jan./Feb. 2008)

ELEMENTS represented as a band of visual markers	Color	Physical Attributes	Shape
Rising FIRE energy in your space activates your own personal energy	red, orange, purple, pink, and strong yellow evoke expression of heat and vibrancy - emotional response to yang energy or fire	lights and physical heat (fireplace or kitchen) south, southwest, and northeast décor accessories (red painting, a vase, or a red piece of furniture)	triangle
EARTH element in your home will help create stability and harmony in all your relationships	light yellow, all sandy, and all beige colors	center of your home, as well as northeast and southwest wall color, or the color of upholstery fabric or art	square
WATER - Symbol of abundance. A balanced energy in your space will bring a refreshing energy of calm, purity, trust, and renewal	black and blue A gentle light blue wall color can considerably refresh and uplift your space.	north, east, and southeast areas of your space choose to go for an art depicting the water element	wavy
METAL element that brings the energy of clarity, preciseness and focus.	whites, grays, and all metallic surfaces	The west, northwest, north area of your space. Paint your wall with a coat of fresh white paint, or go for predominantly white furniture.	round
WOOD element in your space that will bring the energy of vibrant health and lush abundance.	brown and green	east, southeast, and south areas of your space A light green wall color can be an excellent choice for a home office or a family room	rectangular



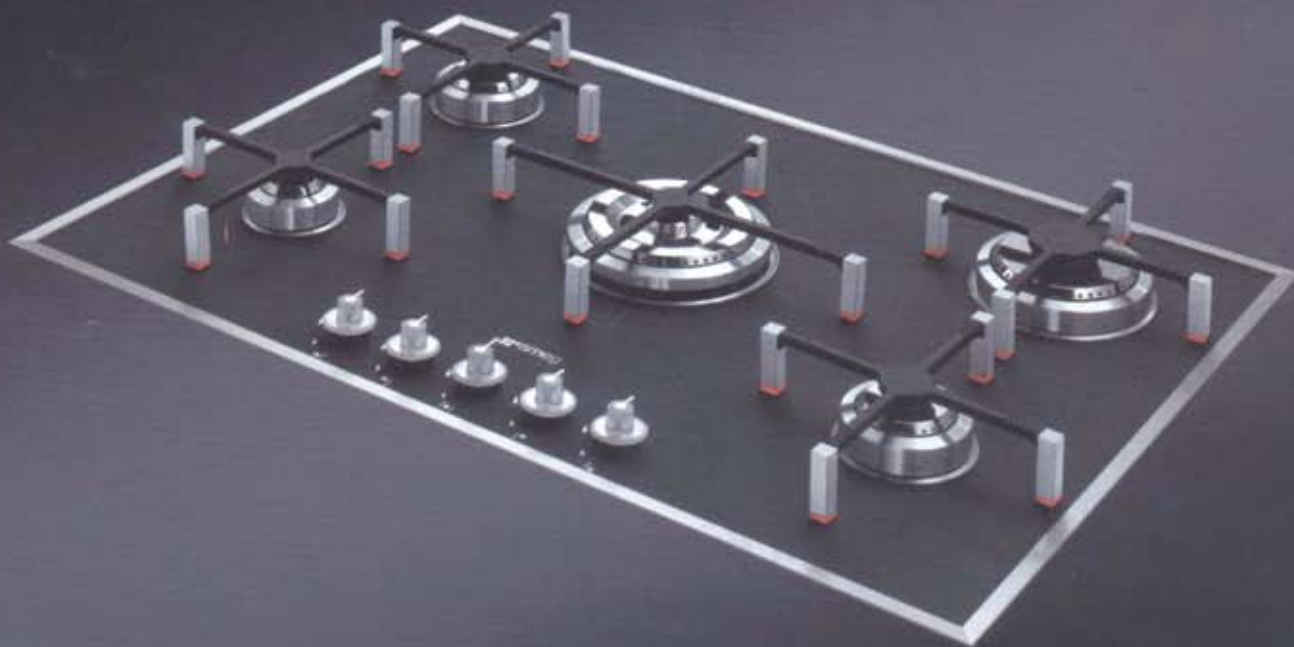
Annie Corpuz-Pugeda

- Graduate of University of Santo Tomas Batch '86 with a degree in Bachelor of Science in Architecture
- Took the Architecture Licensure Examination in June 1989 and ranked 14th

- An academican in Architecture schools since 1990
- Attended the Advanced Training on Conservation and Management of Heritage Structures in Lund University, Sweden last September 2008 and March 2009 in Manila, Philippines
- Speaker in various organizations like UAPGA, PIA, FEU, UAP and WorldBex
- Took her Master of Arts degree, Major in Instruction and

Curriculum in the FEU Institute of Graduate Studies last March 2005

- Presently teaching with a rank of Associate Professor II at the Institute of Architecture & Fine Arts of the Far Eastern University
- Presently connected with JPT Architecture Review Center and has been a Reviewer in Utilities and Architectural Design since 1991
- She is also the Institute Coordinator of the FEU Institute of Architecture & Fine Arts Architecture Licensure Examination (FEU IARFA ALE) Review
- Held various posts in the United Architects of the Philippines, like Chair of the World Architecture Day 2008, being the Chair of the UAP Balangakan, Chapter President of the UAP Manila Centrum Chapter from 2004 – 2007, Secretariat Chair of UAP National Conventions & Conferences and the Nationwide Architecture Week.
- Have studied Basic Feng Shui from Arch. Calet Alviar Rapsing, her mentor



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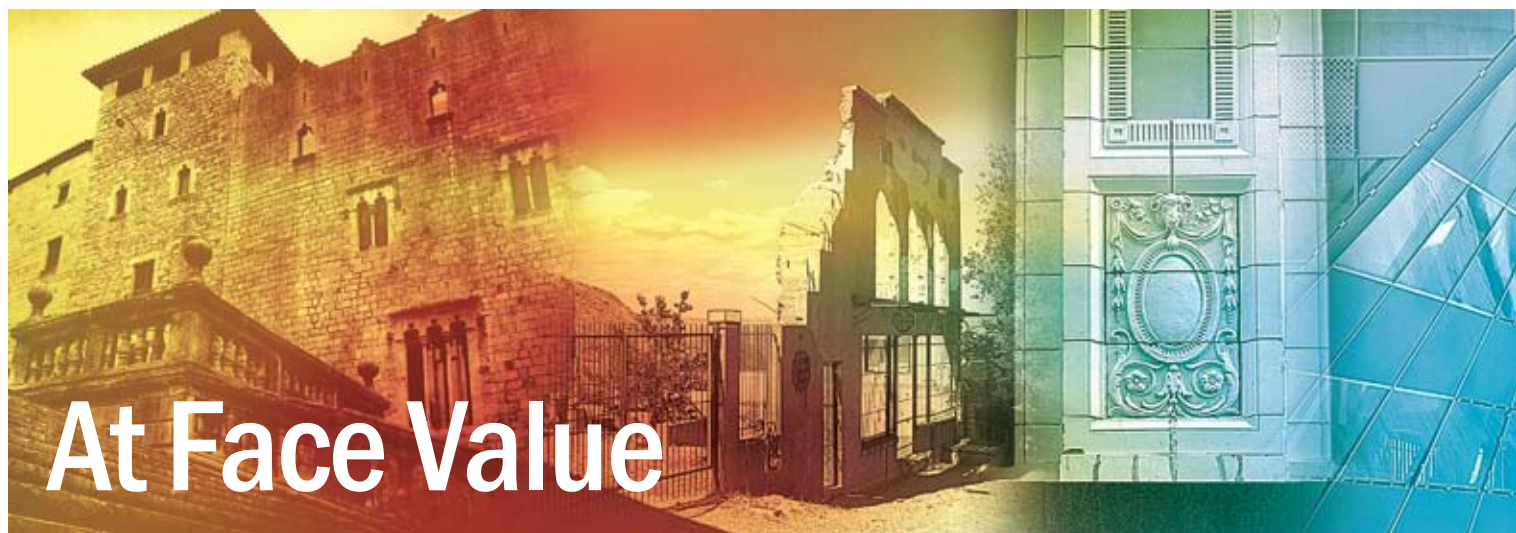
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At Face Value

EVEN IF IT is against what is ideal, people always tend to judge a book by its cover. They perceive people's characters, almost by instinct, by glancing at their physical looks. And admit it, the same principle applies in appreciating or criticizing architecture. Many architects always base their first impressions on buildings on its skin.

Although emerging from the French word that means "frontage" or "face", the word "façade" is also

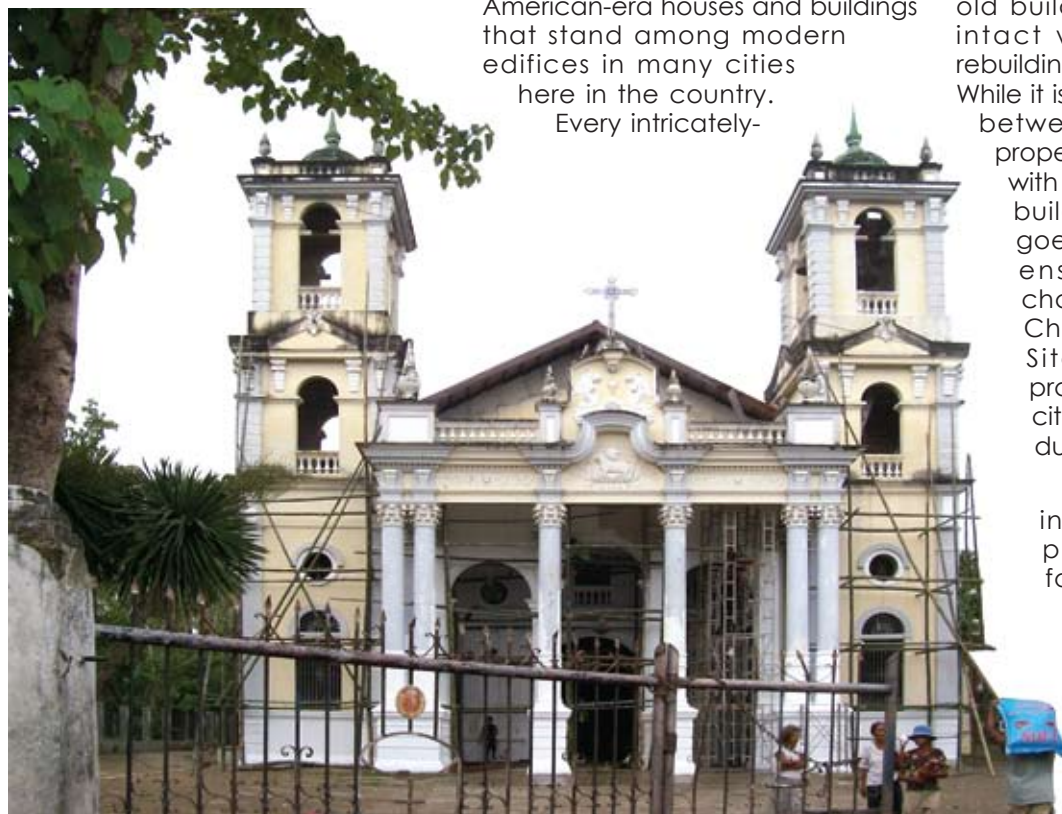
used to refer to the other exterior elevations of the structure: the sides and the rear. Since it consists of anything that can be seen from the outside, building facades contribute big time to the identity and character of a building. And with a group of buildings, it does so to the all-embracing urban setting.

Just like book covers, facades carry the synopsis of a building's tale. It tells of the age on when it was built just like in the Spanish and American-era houses and buildings that stand among modern edifices in many cities here in the country. Every intricately-

carved detail narrates the sweat and passion of the local craftsman who tediously worked on it. One can't help but be in awe every time he lays his eyes on these buildings considering the primitive ways that they have to employ during those years and still come up with great profiles and proportions in their architecture.

Facades of old structures are mostly treasured. This led to facadism, a "practice of renovating old buildings leaving its façade intact while demolishing and rebuilding its innards" (Wikipedia). While it is considered as a trade-off between conservationists and property developers, it hampers with the overall integrity of the building and its spaces and goes against the regulations enshrined in the various charters of the International Charter on Monuments and Sites (ICOMOS). Still, the practice appears especially in cities subjected to the rugged duress of development.

Now, the advancement in technology presents a plethora of opportunities for architecture. There are more options for materials and construction methods that make almost any audacious concept whirling in the architect's brain box possible.





Today, building façade design are more than just eye candy. Contemporary building facades have adapted less of the embellishments that defined colonial architecture, evident in old churches and insitutional buildings and more on functionality. Strategic positioning of sun shades and fenestrations have not only brought up interesting patterns on the elevations but also allowed regulated amounts of natural lighting and ventilation inside the building. Railings and bars do not only equate to horizontality in vertical construction but also serve other purposes like utility and maintenance. Cladding materials are more than just enhancing the motley atmosphere in the exteriors but could serve as insulation or for easy cleaning.

First impressions are not always lasting. And architectural facades share the sentiments of book covers that beg not to be judged prematurely. Each of these facades, may it be from the pre-Spanish years or from the current era of avant-garde design principles, have a story to tell. The story could be enthralling enough for the people to discover more of the building, its spaces and its history, enabling them to eventually appreciate (or constructively criticize) its architecture as a whole. All these depend on one's readiness to listen, feel and embrace its tales.



**Karl Aries
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The author is the incumbent Chapter President of UAP Sugbu Chapter and Corresponding Editor for the UAP Post. He is a practicing architect, an urban design graduate school student, and a regular contributing writer for SunStar Cebu newspaper. He writes architecture-related articles in its lifestyle pages. His works has also been published in some design magazines.



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Development of a **GREEN BUILDING RATING SYSTEM** for the Philippines



THE WORLD is transforming into a global economy. Presently, the building and construction sector is accelerating at a very rapid pace. The adverse impacts of increased building activity are remarkable in our land, in the air we breathe, on human health, our heritage and overall quality of life.

Globally, the United Nations Environment Programme (UNEP) estimates that the built environment is responsible for 25-40% of energy use; 30-40% of the solid waste generation, and 30-40% of green house gas (GHG) emissions worldwide.

In the Philippines, there is an alarming increase in the environmental impact that built environment creates. The solid waste problem is mounting in the metropolis; an energy crisis is expected in the next few years, and our water resources are fast depleting.

There is an estimated 8,000 tons per day of solid waste generated in Metro Manila alone. The Department of Energy targets to increase the Philippines' current oil and gas reserves from the year 2004 level of 69.5 million metric tons of oil equivalent (MMTOE) to 83.6 MTOE by 2014 due to increased energy demand. Water borne diseases account to about 30% of all reported diseases from 1996-2000, largely due to improper wastewater management and with only 6 out of 115 Philippine cities having sewerage systems. These figures reflect the current stress in the Philippine environment that needs to be directly addressed.

These negative occurrences are largely due to the tremendous growth presently experienced by the economy and the rapidly increasing construction activity due to increased population in the city centers. The property sector's expansion is fueled by the demand for new and premium office space required by the business process outsourcing (BPO) and by the increased dollar remittances of Overseas Filipino Workers (OFW) that stimulated the accelerated development of more residential condominiums.

GREEN BUILDING

Green Building is the practice of designing, constructing, operating, or reusing buildings in an ecological and resource efficient manner. It focuses on the promotion and practice of sustainable site development, improvement of indoor air quality, efficient energy, water management, utilization of green materials and the preservation of cultural heritage.

When buildings use less energy it reduces the demand for government to build more power plants. Improved quality of effluents from buildings helps the government maintain cleaner water resources. Improved resource management practices enables businesses to reduce waste generated at job sites, thus, requiring less landfills.

The reduction of the negative impacts associated with building construction promotes the preservation of the natural ecology. It is a major contribution of the business industry in the protection of the environment.

Sustainable building improves the productivity of businesses. Healthier workspaces promote building occupants comfort and health and boosts employees morale. As the business industry increases the uptake of sustainable building strategies, they are realizing that first costs are now very competitive. Accessibility to greener building materials, technology and information are accelerating the acceptance of sustainable building. With a mature market ready to embrace sustainable building, businesses will be reaping the marketing benefits that are provided by sustainable building. This enables businesses to maintain competitiveness and improve their bottom-line.

Green Building Rating Tools Implemented Around the World

Presently, there is an increased uptake in green building practices around the world. Several countries have established rating systems that are used as a benchmark in evaluating the level of sustainability of buildings. They provide identifying

marks, plaques and/or certificates that easily inform the public that the claims of a building developer are verified by a third party organization and that the building has passed the rating system. These rating systems continue to evolve to address technological advancement and best practice in green building.

The following are some of the leading examples of green building rating systems:

RATING SYSTEM	ORGANIZATION	COUNTRY
Leadership in Energy and Environmental Design (LEED)	US Green Building Council (USGBC)	United States of America
Building Research Establishment Environmental Assessment Method (BREEAM)	UK Green Building Council (UKGBC)	United Kingdom
Hong Kong Building Environmental Assessment Method (BEAM)	HK Beam Society	Hong Kong
Comprehensive Assessment System for Building Environmental Efficiency (CASBEE)	Japan Sustainable Building Consortium (JSBC)	Japan
Green Star	Green Building Council Australia (GBCA)	Australia
BCA Green Mark	Singapore Building and Construction Authority (BCA)	Singapore
SBTool	International Initiative for a Sustainable Built Environment (iiSBE)	Canada
Green Globes	Green Globes	Canada, U.S.

Credits are given to every area/part of the building that shows good environmental performance. These systems are a good way of validating the developer's claims of the good environmental performance of their products. Certified assessors/auditors inspect, evaluate and benchmark the building against a green building rating system to assess the building's level of sustainability. Property brokers are using the results (especially if the building is rated excellent) of these rating systems to promote the environmental friendliness of the building. Architects and engineers are using it as a guide in improving the performance of their designs. Property managers are using it to measure the performance of the buildings, develop action plans, and to monitor and report performance.

Need for Measuring Environmental Performance

In the Philippines, as the market matures into "green consumers", architects, engineers, real estate developers, and material suppliers are using "green" credentials to attract the public into buying their products and services. At the moment, these activities continue to confuse the public because a rating system that will enable buyers to verify these claims does not exist.

A green building rating system encourages stakeholders to consider the use of concepts, green building materials and technology at the earliest possible opportunity to increase the chances of getting higher ratings. The Philippines need to have a nationally recognized and industry accepted rating system in order to measure the environmental impact and performance of buildings.

The PHILGBC and its Vision

The Philippine Green Building Council (PHILGBC) is a national not-profit organization that promotes the sharing of knowledge on green practices to the property industry to ensure a sustainable environment. The Council is an alliance of building and construction industry leaders from both the public and private sectors that shall be the non-partisan venue to develop a nationally accepted and recognized green building rating standard.

Relevant issues that may affect how a building's sustainable credentials are to be measured shall be discussed in this program. The Council shall act as a referee in determining the correctness of the claims of project proponents by developing the national green building rating system. It shall be an independent monitoring and verification system that shall serve as a third party certification. This will level the playing field among the building industry players since all claims will be benchmarked against a single rating system. Businesses will use this mark as a recognizable branding tool that will enable buyers to easily identify buildings that are performing environmentally well. The program shall be officially referred to as Building for Ecologically Responsive Design Excellence (BERDE).

Organizational Setup of BERDE

The BERDE Program shall be administered and implemented by a multisectoral body to ensure a socially and technically balanced green building rating system. The body shall be appointed by the board of the PHILGBC from its members. The PHILGBC may also involve non-member organizations, associations and companies that



are essential in the development of the rating system.

1. BERDE Board (Program Steering Committee) shall be created, with its members to be appointed by the PHILGBC Board of Trustees. The Steering Committee shall be referred to as the BERDE Board. It shall be composed of the following PHILGBC members and partners:
 - 1.1. Representatives from the following Networks of the PHILGBC
 - 1.1.1. Building Professionals
 - 1.1.2. Developers
 - 1.1.3. Property Managers
 - 1.1.4. Material Suppliers
 - 1.1.5. Advocacy
 - 1.1.6. Academe
 - 1.1.7. National Government Agencies
 - 1.1.8. Local Government Units
 - 1.1.9. Chambers of Commerce
 - 1.1.10. United Architects of the Philippines
 - 1.1.11. Philippine Institute of Civil Engineers
 - 1.1.12. Institute of Integrated Electrical Engineers
 - 1.1.13. Philippine Society of Mechanical Engineers
 - 1.1.14. Energy Practitioners Association of the Philippines
 - 1.1.15. Solid Waste Management Association of the Philippines
 - 1.1.16. Banking and Finance Associations

The BERDE Board shall deliberate on the merits of the rating system, as presented and endorsed by the Technical Working Group. The BERDE Board shall vote on the rating system. Once passed, the rating system shall be forwarded to the PHILGBC Board of Trustees for approval and implementation.

2. BERDE Development Team (Technical Working Group) shall be selected from the PHILGBC membership based on expertise and experience on the different issues of the built environment. They shall be formed to conduct research and development work related to the development of BERDE. The Technical Working Group shall be known as The BERDE Development Team.
3. Special Committees may be formed to address specific issues that may arise during the development of BERDE. The work of the Special Committees shall be assembled, collated, reviewed and integrated to the working draft of BERDE by BERDE-DT. The members of the Special Committees are specialists in their respective fields of study and shall serve as advisers to the BERDE-DT.
4. BERDE Secretariat (Administrative Support Staff) shall be formed and organized by the PHILGBC Board of Trustees as part of the PHILGBC Secretariat, whose work shall focus on supporting the administrative requirements of BERDE. This group shall be referred to as BERDE Secretariat.

Program Mobilization

The PHILGBC along with its supporting partner institutions and organizations shall be setting up the BERDE Secretariat that shall assist in administering the program. Administrative support staff and consultants shall be hired on a case to case basis as the BERDE

Program develops. The BERDE Secretariat shall assist and support in the fund campaign work of the PHILGBC.

Program of Activities for the Drafting of BERDE

1. First Roundtable Discussions with Different Stakeholders

Roundtable discussions and workshops shall be conducted, led by BERDE-DT with the PHILGBC General Membership and various interest groups. The discussions will be designed to gather information on efficiency and conservation of energy and water; sustainable site selection; utilization of greener materials; solid waste management; improvement of indoor environment; preservation of cultural contexts and building operations and management.

The Roundtable Discussion participants shall be invited to submit documentation on best practices, position papers and relevant researches as their contribution to the development of BERDE. Organizations shall be invited to have their projects piloted using BERDE as its green building guidance and rating system.

2. Preparation of First Draft of BERDE

The BERDE-DT shall conduct additional research on existing best practices in the field of green building rating systems, on green building design, construction methodology, material and equipments resource utilization and availability, operating and maintenance processes, and the consequent environmental and social impacts of said activities. Existing Philippine environmental laws, rule and regulations affecting the design, construction and maintenance of buildings shall be complied and reviewed. Information gathered during the first set of Roundtable Discussions shall be reviewed and evaluated and be made part of BERDE. The evaluation criteria for BERDE shall be drafted by BERDE-DT. Consultation meetings and focus group discussions with experts, academics, and industry shall be held on a per need basis. The First Draft shall be published and released to the public to further solicit comments and suggestions.

3. Second Roundtable Discussions with Special Focus on Usability

To ensure that the different issues and concerns on implementing BERDE in the different regions in the Philippines are addressed, a second set of Roundtable Discussions shall be conducted in the National Capital Region, Luzon, Visayas and Mindanao. The BERDE Draft shall be presented to stakeholders to further solicit comments. During the discussion, the usability of the system shall be discussed and the BERDE Draft, along with a Usability Survey Form shall be distributed to architecture and engineering firms, contractors, developers, regulatory agencies, material suppliers, utility companies and property management firms.

BERDE is further reviewed with the help of these stakeholders, who may provide constructive criticism to better improve the performance and design of BERDE. Companies and organizations who volunteered to pilot BERDE shall also be part of the discussions. Issues and concerns regarding the piloting of projects may be raised during the

discussions. The First Draft of BERDE shall be released to the public to further solicit comments.

4. Preparation of Second Draft of BERDE

Inputs from the Second Roundtable Discussions and comments generated from the public release shall be incorporated to working draft of BERDE by the BERDE-DT. Rules for the certification process and the balloting procedures shall be formulated by the BERDE-DT and be submitted and endorsed to the BERDE Board for approval. The Second Draft of BERDE shall be presented to the BERDE Board for approval for Balloting.

5. Balloting

A PHILGBC General Membership Meeting shall be held specifically for the Balloting of BERDE. If the BERDE Draft passes in accordance with the Balloting Procedure, as approved by the BERDE Board, it shall be declared by the BERDE Board as an official release of BERDE.

Other Activities to be Conducted to Promote BERDE

1. Fund Campaign

The PHILGBC shall launch an industry-wide fund campaign to address the financial requirements of the development of BERDE. BERDE-DT shall be conducting information drives with emphasis on why we need to support the development and implementation of our own ratings system. Information on BERDE shall be distributed to companies and development agencies whose goals are aligned with the objectives of BERDE. With the increase of concern on the protection of the environment and climate change, organizations and companies are expected to contribute to BERDE as part of their Corporate Social Responsibility goals.

The BERDE-DT shall be drafting a Fund Campaign Plan that will serve as a guide for fund raising activities related to the development of BERDE. The Fund Campaign Plan shall be executed upon approval of the PHILGBC Board of Trustees.

2. Awareness Campaign

The PHILGBC will conduct a massive information campaign to increase the awareness of the public and private sector on BERDE. The Council will utilize all types of information dissemination platforms such as the television, print (newspaper and magazines), and radio and internet media to further inform the public about BERDE.

In order to better promote the BERDE Rating System, a training team composed of the BERDE-DT shall conduct an orientation-seminar for highly urbanized cities and municipalities to encourage the use of BERDE and orient them on how to use the rating system.

3. BERDE Program Launch

The BERDE Program shall be launched by the PHILGBC, together with building industry sector partners and government during Building Green 2009. The BERDE Program launch and Building Green 2009 will be managed by a Special Committee of BERDE appointed by the PHILGBC Board.

4. Launch of BERDE

BERDE shall be launched by PHILGBC with industry partners and government. Benefits gained by companies and organizations that piloted BERDE shall be highlighted. The progress on the uptake of BERDE shall be reported during this event and the public shall be invited to adopt and utilize BERDE in their projects. Industry shall also be invited to continually contribute to the development of the BERDE Program to further improve the performance of the rating system.

5. Market Development Project

A Special Committee shall be formed to initiate meetings with financial institutions and the government sector and explore possibility of creating incentive schemes for proponents of green buildings. Simultaneously, an information campaign shall be conducted, targeted at consumers, to explain the benefits of greener buildings. These events shall be designed to create interest and awareness and is expected to stimulate the uptake of green buildings.

6. Training of BERDE Professionals

A Special Committee shall be formed to develop the training module of BERDE. The public shall be invited to enroll in the training program and its graduates shall be referred to as BERDE Professionals. The BERDE Professionals shall serve as project assessors and consultants for the delivery and implementation of BERDE. The BERDE Training Program shall be part of the funding mechanism of BERDE.



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PHILIPPINE GREEN BUILDING COUNCIL
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Sustainable Spatial Neighborhood Design in Land Use Planning Towards an Acceptable Walkable Distances of Neighborhood Activities in the Built Environment Using GIS

The researcher proposed model is a supplemental spatial design, called KABATI-an, which aims to take-off from currently used approaches, especially CLUP model approach used by the HLURB. The word 'Kabati' means 'you are one or together' in all aspects of endeavor. KABATI'-an is an acronym for: KA for kabarangay (community) or kabarrío (barrio/area) or kalapit-bahay (house neighbor); BA for bahagi (part/portion) or bahay (single house /building) of a neighborhood; TI for tipak (block); and AN for daan (street) and daanan (passage/ passageway). The model is essentially unique as it addresses the need for a *barangay-level sustainable urban land use planning approach* that focuses on *criteria assessment and performance indicators* in accessibility; potential delivery & catchment population; efficiency & effectiveness of local activities, built places, & natural resources, and transport cost. For comments and suggestions, you may contact the author via email connievroxas@yahoo.com or text 0919 6453935.

THE FOCUS of this paper is sustainability in the built environment, where adjoining location of facilities in living, working, playing and including praying activities in the barangay, is viewed to be safe and healthy. It compares ideal walkable distances in the highly urbanizing barangay in an adjoining municipality of an emerging region in the Philippines. It used two (2) performance indicators using the computer-aided tool of the Geographic Information System (GIS) and the Global Positioning System (GPS). These are in: a) catchment population (gross residential density in per person per hectare (ppha) and catchment area radius (in meters); and b) efficiency & effectiveness of local built facilities in meter distances at minimum reasonable accessibility standards or walkable distances at different gross densities (ppha).

Discussions of the paper compare the existing conditions in Barangay Sto. Tomas, Binan, Laguna to a pre-selected ideal catchment radius of 100 persons per hectare (ppha)¹ within distances of local activities in a direct line radius application using GIS.

The outputs are the spatial framework plan and developing acceptable walkable distance standards. The expected results are centered in deriving exact built facilities and averages of its walkable distances in the thirteen (13) villages of Barangay Sto.Tomas. It further developed acceptable sustainable policies in a catchment population thru GIS/GPS composite analysis maps for: public transport routes & nodes; green space/waterways system; pedestrian accessibility system; main network of streets and roads; and the land use pattern and density gradient.

The ideal walkable distances² in local activity /services destinations is accounted for parks/open spaces (200m); local shops (200m); nursery school(400m); elementary school (500m); community center (500m); pub/eateries, post office, local center/barangay hall, if any, (600m); secondary school (private) (700m); health center ,4d

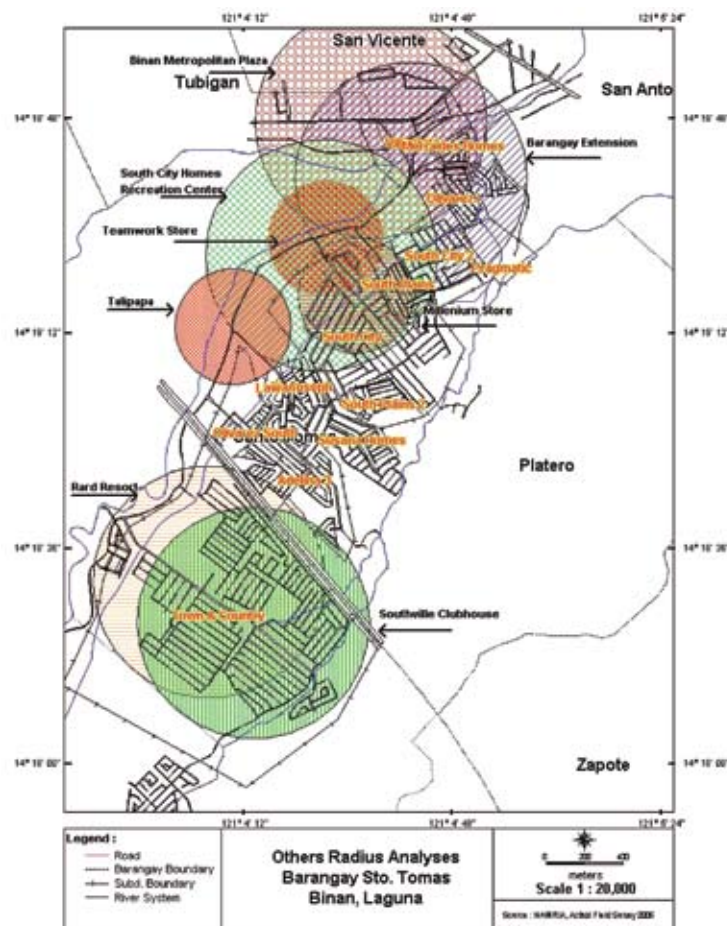
(800m); secondary school (large) (1,000m); district center/ superstore, and leisure center(1,200m). In minutes and hourly time compared to meters, it is: ½ hour walk = 100 m, 1 hour = 200 m, 2 hours = 400 m, 4 hours = 800 m, 5 hours = 1,000m.

The GIS/ GPS results indicated the averages exceeded the allowed catchment area straight line radius. Most of the residential villages either did not provide the built facility as needed, or were not pursued at all. It also showed that sharing and overlapping of built facilities are mostly present in dense villages. Hence, it can be assumed that most highly urbanizing barangays in the country need to be exposed to the above sustainable performance indicators. The computerized system of GIS/GPS is a very efficient analytical tool to determine the availability and capability of the land and its resources. While there is a set vision, it also takes the concerted efforts of all stakeholders to achieve the intended safe and healthy barangay community.

Overview

In applied planning problems of contemporary societies, a vital issue in sustainability is neighborhood design and land use development. Relative to it is the health-related issue in the proper development of activities and places. The 'New Urbanism' movement adopts a system of 'smart codes' where walkability and smart transportation is measured at approximate distances of location to local facilities (Congress of the New Urbanism, 2000). Indicators in evaluating the performance of urban development relate to the activities of the households and organizations and the way in which they relate to each other in most cities (Bertuglia, et al, 1994). The activities of living, working, playing relate to the nature of the built environment and natural places to achieve a healthy city (Barton, 2003).

However, the activity of praying is an important Filipino lifestyle which is included in this study. The Philippine neighborhood is the locale for barangay (Ortiz,



1996). Sustainable design, planning and development is embodied in the Comprehensive Land Use Plan (CLUP) in all spatial levels (HLURB 'Planning Strategically'2001). The researcher expounded the issues mentioned in this guidebook and hopefully, be able to develop a sustainable land use modelling to its identified urban problems.

Current literature³ in local area or neighborhood urban planning are not enough. The excerpt of this paper attempts to provide performance indicators though the concepts of 'notional provision' of walkable distances and 'catchment population' and its interactions to each other.

Background of the Study

The emerging regions and its adjoining towns/municipalities in the Philippines are fast experiencing rapid growth and urbanization. Emerging Metro CALA (Cavite-Laguna) has public utilities/infrastructure in its threshold limits coupled by consumed environmentally sensitive natural reserves⁴. The medium-sized town of Biñan (with 24 Barangays), is part of the first district of Laguna⁵. It is as one of the four (4) lakeshore towns between Metro Manila in the north and Laguna's growth centre of Calamba in the south.

It adopted the flexible land use plan that has mixed-use land classifications with five (5) distinct major zones of development. The expected developments

Table 1 Catchment population

Gross residential density	Catchment area radius									
	200 m		400 m		600 m		800 m		1,000 m	
	Direct routes	Bendy routes	Direct routes	Bendy routes	Direct routes	Bendy routes	Direct routes	Bendy routes	Direct routes	Bendy routes
30 ppha	375	210	1,500	850	3,400	1,900	6,100	3,400	9,600	5,300
40 ppha	520	280	2,000	1,130	4,600	2,500	8,200	4,600	12,000	7,000
60 ppha	780	420	3,000	1,700	6,900	3,800	12,000	6,900	19,000	10,600
80 ppha	1,000	500	4,000	2,260	9,000	5,100	16,000	9,000	25,000	14,000
100ppha	1,300	700	5,000	2,820	11,300	6,300	20,000	11,300	31,000	17,500

ppha = persons per hectare

NB: Bendy routes assume 75 per cent of the direct-line radius, giving around 55 percent of the catchment population

Source: Doe 1993, Barton and Tsourou, 2000

Table 2 Accessibility standards

Accessibility standards are used to ensure facilities are as walkable as possible.

Local facility	Catchment populations	Minimum reasonable accessibility standards at different gross densities (assume bendy routes)			
		40 ppha	60 ppha	80 ppha	100ppha
Parks/ Open Spaces					200 m
Local shop	1,500	500 m	400 m	400 m	300 m
Nursery	2,000	600 m	500 m	400 m	400 m
Elementary School	4,000	800 m	700 m	600 m	500 m
Community centre	4,000	800 m	600 m	600 m	500 m
Post office	5,000	800 m	700 m	600 m	600 m
Pub/ Eateries	6,000	1,000 m	800 m	700 m	600 m
Local centre	6,000	1,000 m	800 m	700 m	600 m
Secondary school (private)	8,000	1,200 m	1,000 m	700 m	700 m
Health centre(4d)	10,000	1,200 m	1,000 m	900 m	800 m
Secondary school (public)	16,000	1,500 m	1,200 m	1,000 m	1,000 m
District centre/ Superstore	24,000	1,900 m	1,500 m	1,300 m	1,200 m

Source: Doe 1993, Barton and Tsourou, 2000.

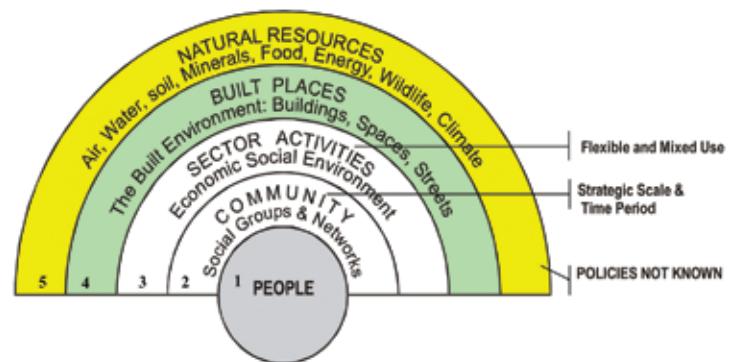
are initiated by the private sector where there are no viable standards on site planning and architectural design to be used to resolve land use conflicts. Land use practice and implementation measures of the current CLUP (HLURB, 2001) are yet to set in place in relation to existing thresholds of their built environment (infrastructure, roads, paths, utilities, etc.) and its natural resources (the green spaces and systems). These practices fall short when compared to international design guidelines and planning standards in sustainable local area (Tables 1-2).

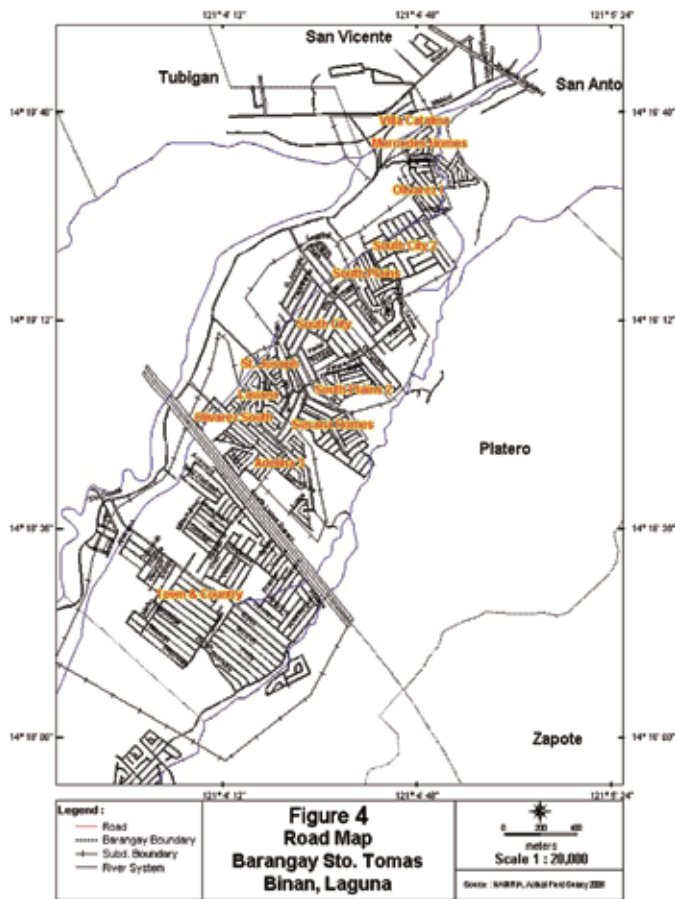
However, this study is delimited to the Built Environment where adjoining location of facilities in living, working, playing and praying (vital to a Filipino lifestyle) activities in the community is seen as safe and healthy measured in walkable distances indicated by performances of catchment population (gross residential density in per person per hectare(ppha) and catchment area radius in meters); and efficiency & effectiveness of local built facilities in meter distances at minimum reasonable accessibility standards at different gross densities (ppha) using the computer-aided program of the Geographic Information Systems (GIS).

Study Area

Barangay Sto.Tomas (formerly Calabuso) in Biñan, Laguna is located northwest of the Biñan River where low to medium-intensity residential

Figure 2 The Local Area Sustainability Analysis in Both Models HLURB, CLMDS / CLUDP Biñan Model





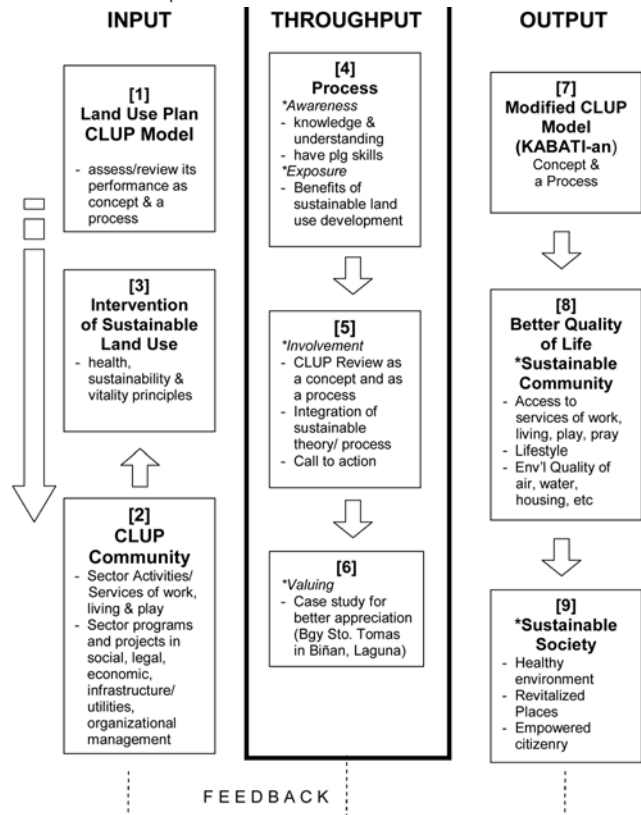
and mixed-use developments are situated (See Figure 4). It is classified as an urban control zone 3 (UCZ-3) where developments are regulated to avoid adding unnecessary strain on the capacities of existing service systems and facilities. These include villages/subdivisions of Mercedes Homes, Adelina III, Olivarez Homes VII, Olivarez South, Villa Catalina, Pragmatic Homes, South City Homes I & II, South Plains I & II, Lavana Homes, St. Joseph Village, Town & Country Club, Susana Homes and Insular Homes. The Biñan CLUDP (2000) states it belongs to Carmona soil series where topography is undulating to level, with slight seasonal run-off flooding. It has potentially high yielding wells.

It has 21,660 household populations with 4,617 numbers of household at an average household size of 4.7. Between the years 1970-1980, it became the top barangay population gainers that increased by 66.7 percent through massive relocation or low-cost private housing projects.

The existing land use pattern is mostly residential communities. It has three (3) private clinics such as Southville medical clinic, Our Lady of Piat Lying-in poly clinic & dental clinic, South Homes and one unnamed dental clinic. The Sto. Tomas Elementary School has 585 enrollees in the school year 1998-99. It has with 12 classrooms at 1:49 classroom-pupil ratio and 11 teachers at 1:53 teacher-pupil ratio. In terms of housing, there is no existing socialized housing.

In the transport circulation network, it is approached by the Canlalay-Halang Road coming from the SLEX exit. The Calabuso road functions as the sole west-east link that decongests traffic in the Manila South Road. Jeeps and tricycles provide the internal transport services; 66% of roads are concrete-paved while 32% are unpaved and the rest are asphalted. There is safe groundwater for water source alternatives. There is no present public sewerage system.

Table 3 Conceptual Research Framework



The numbers indicate the flow of Sustainable Land Use plan starting in number 1. The THROUGHPUT use three (3) primary surveys: 1) Perceptions in CLUP Analysis; Zoning & Land Use Planning; Alternative Spatial Strategies 2) Visual (on foot) and 3) GIS Mapping

Domestic wastewater is disposed through soil percolation, drainage canals or directly to surface water bodies.

The barangay is energized by MERALCO. Telephone services are provided by PLDT, DIGITEL, PT&T and INTELCO. Served by 12 barangay officials, the ratio is 1:1,830 residents. A new barangay captain assumed office in 2004 but a new barangay plan is yet to be submitted. There are no audited barangay financial statements, debt/asset ratios, fixed asset inventories, or other accounting practices. Too many prescribed forms for record keeping and poor coordination between treasury and assessment offices. Barangay officials lack the basic knowledge in real property taxation to formulate action plans to supplement municipal-level collection efforts and tax information drives. There are no available barangay data research used in planning such as basic road maps, land use, barangay census and other demographic characteristics.

Objectives

- What performance indicators in neighborhood planning and development where local area activities in living, working, playing and praying (vital in a Filipino lifestyle) activities in adjoining facilities location is seen as safe and healthy?
- How can these performance indicators apply in a highly urbanizing barangay in an adjoining area of an emerging region in the Philippines in levels of sustainability?
- How can the computer-aided Geographic Information Systems (GIS) survey tool be used to promote these performance indicators in sustainable local area/ barangay planning?

Theoretical Framework

The study adopts the neighborhood ecosystem model as its major theoretical guide (Barton, 2003). It also employs other theories on such as the 'new

urbanism' or the neo-traditionalist theory. (Charter of the New Urbanism, 2000); 'General market' theory in providing acceptable and quality developmental projects promoting sustainable local area strategy; Local Environmental Action Planning (LEAP) theory to emphasize strengthening local capacity (Leitmann, 2000:143-149); lastly, a model-based approach is used to make it less reliant in data availability since model predictions can be used to fill 'gaps' of uncertainty with performance indicators focused to zonal properties which depend on interdependence with other zones: job opportunities, availability of services, and so on (Bertuglia, et al, 1994: 55-68).

Conceptual Framework

The study utilizes the input-thoughtput-output approach (See Table 3)

INPUT contains the re-examination of the CLUP model as a concept and a process. It assesses the extent of current local activities/places/services of living, working, playing & praying in Bgy Calabuso.

THROUGHPUT represents the methodical procedures. The processes of multi-dimensionality (awareness, exposure, involvement, and valuing) of education are emphasized. It recognizes the value of sustainable land use planning thru a sample case study developed to validate the sustainable principles.

OUTPUT pertains to the results of strategic and sustainable development planning study, that is, the identification and eventual satisfaction of the needs of the community for a better quality of life.

METHODOLOGY

Research Design

The study is a descriptive analysis of planning in the Philippines. It revolves around the evaluation of existing practices and policies, especially the Comprehensive Land Use Plan (CLUP) approach to it in more sustainable and spatially appropriate in the local area level. It is diagnostic yet exploratory where it proposes a set of performance indicators in walkable distances of catchment population (gross residential density in a per person per hectare (ppha) and catchment area radius (in meters); and efficiency & effectiveness of local built facilities in meter distances at minimum reasonable accessibility standards at different gross densities (ppha) using the computerized Geographic Information Systems (GIS).

Table 4 Direct-Line Distance Radius Accessibility Application

	200M Park / Green Spaces		300M Sari-sari / Shop		400M Nursery / Day Care / Church		500-600M Elem Sch / Bgy Ctr		700-800M Pubs / Eateries / Centr/Clubhse	
Village Name	Activity	Distance	Activity	Distance	Activity	Distance	Activity	Distance	Activity	Distance
TOWN/COUNTRY										
ADELINA 3										
VILLACATALINA										
MERCEDES HOMES										
OLIVAREZSOUTH										
OLIVAREZHOMES VII										
SOUTH CITY										
SOUTHPLAINS										
ST. JOSEPH										
SUSANAHOMES										
LAUANAVILLAGE										

Catchment area radius is 100 ppha..

GIS performed the direct line radius.

Bendy routes assume 75 per cent of the direct-line radius, giving around 55 percent of the catchment population

Table 5 Catchment Population Applications of Local Activities

Gross Residential Density ppha=persons per hectar	200 m park/green spaces local store/shop		400 m nursery/day care center, elem, & community center		600 m pubs/ eateries/local center,clubhouse, HS private		800 m HS public, health center		1000 m HS public, District Center	
	Direct Routes	Bendy Routes	Direct Routes	Bendy Routes	Direct Routes	Bendy Routes	Direct Routes	Bendy Routes	Direct Routes	Bendy Routes
100ppha	1,300	700	5,000	2,820	11,300	6,300	20,000	11,300	31,000	17,500
TOWN/COUNTRY										
ADELINA 3										
VILLA CATALINA										
MERCEDES HOMES										
OLIVAREZ SOUTH										
OLIVAREZ HOMES VII										
SOUTH CITY										
SOUTH PLAINS										
ST. JOSEPH										
SUSANA HOMES										
LAUANA VILLAGE										

Formula = Direct Route + 25% of Direct Route - -75% of Direct Line Radius/Accessibility

½ hour walk = 100 m, 1 hour = 200 m, 2 hours = 400 m, 4 hours = 800 m, 5 hours = 1,000m

Population

The study uses the purposive multi-stage sampling in a combination of stratified, systematic and cluster sampling. The sampling used Boolean search from the computerized 'Statistical Package for Social System' (SPSS Version 10).The target sampling has a household population of more than 14,999 and located in the highly urbanizing barangay in an adjoining municipality of an emerging region. The sampling variables are in the local areas of the streets, corridors, public squares and plazas and other blocks in a built up barangay. The target population of the study is the stakeholders from the public and private sector.

Data Collection Techniques

It explored and developed new base maps for Barangay Sto. Tomas as the third primary data collection vital to the development of thematic maps for the end results of the study.

Planning Tools and Techniques Used in the Study

The spatial data analysis used the computerized geographic information system (GIS) and related system to graphically determine the following-the specified areas for the main public

transport, walking/ cycling and vehicle networks, identified zones of different use-intensities, main service centers, industrial areas, etc.; the relation to public transport accessibility and pedestrian connectedness; and particular green space system to its principal social and ecological functions.

The techniques for data processing and comparative analysis in the study are both graphical and spatial. The graphical analysis uses the sieve mapping technique in identifying land suitable for a given use. (See Tables 4-5).

Validation of Instrument

The spatial data gathered is compared from international neighborhood sustainability criteria and performance standards (See Tables 1-2). The new base maps of Bgy Sto. Tomas transforms into composite/ analytical maps which provides the exact walkable distances accurately by Geographic Information System (GIS). The outputs are the spatial framework plan and Sustainable accessibility standards and comparison of the ideal catchment radius within distances of local activities in villages.

The Spatial framework plan consists of the identifying the following composite analysis maps

Features

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for: public transport routes & nodes; green space/waterways system; pedestrian accessibility system; main network of streets and roads; and the land use pattern and density gradient. It also develops the Sustainable accessibility standards for accessibility policies in a catchment population with distances of 200 m, 400 m, 600 m, 800 m and 1,000 m.

The Accessibility distances or walkable distances in local activity / services destinations is accounted for a nursery school, elementary school, secondary school, (small) secondary school (large), health center, local shop, pub/eateries, post office (if any), community centre/clubhouse/ church, local centre/bgy hall, district center/ superstore, and leisure center.

The 100ppha is the adopted gross residential density in the comparison of the catchment population. Bendy routes assume 75 per cent of the direct-line radius, giving around 55 percent of the catchment population (Doe, 1993; Barton and Tsourou, 2000). In minutes and hourly time compared to meters, it is: ½ hour walk = 100 m, 1 hour = 200 m, 2 hours = 400 m, 4 hours = 800 m, 5 hours = 1,000m. These are shown accurately in map form.

The accessibility criteria or walkable distances for local services/destinations in Barangay Sto. Tomas is compared to the ideal sustainable distances and same variables through the use of the GIS/ GPS computer systems.

RESULTS AND DISCUSSIONS

The GIS/GPS SURVEY results showed the following (See Tables 6-9)

- Within 200m radius for parks/ green spaces, only two villages provided for it. They are South Plains and Mercedes Homes. Mercedes Homes has playground at 216m and a residential court at 257m distances; while South Plains has 330m.
- Within 300m radius for local shops/store, Villa Catalina was nearest to Binan Metropolitan Plaza (also serves as the super store and leisure center) has 240m while South City Homes I & II has South Mart Total Store at 294m, Millennium Store at 201m and HRRM Pharmacy at 200 m, respectively.

Table 6 Direct-Line Distance Radius Accessibility Application, Bgy Sto. Tomas

Subdivision	200M Park / Green Spaces	300M Sari-sari / Shop	400M Nursery / DayCare / Church	500-600M Elem Sch / Bgy Ctr	700-800M Pubs/Eateries/ Local Center- Clubhouse
Town Country			Town & Country Day Care 440	Ann Arbor Montessori 570	Southville Clubhouse 970
Adelina 3			Bungahan Day Care 420	Barangay Hall 520	Rard Resort 710
Villa Catalina		Binan Metropolitan Plaza 240	Families of The Holy Spirit 440	Baptist Church 320	Christian School 370
Mercedes Homes	Playground 216		Methodist Church 450	Nuestra Sra. De Guia Chapel 308	
Olivarez South	Basketball Court 257		Headstarter School 198		
Olivarez 1			St Gabriel Archangel Academy 470	La Consolacion College 656	Barangay Hall Extn. 544
South City			Biñan Faith Christian School 450		Recreational Area 202
		South Mart Total Store 294			Dental Clinic 307
			Prince & Princess Learning Center 420	St. Joseph Multi-Purpose Bldg. 780	South City Homes Recreation Center 600
			Mother Rita Barcelo Learning Center 480	Holy Spirit School 580	Holy Spirit Convent 700
			Blessed Sacrament Church 640		
			Pag Ibig Christian Ministries 400		
		Millenium Store 201			
		HRRM Pharmacy 200			
South Plains	Playground 330		Chapel 670	Community Center 750	
St. Joseph				Sta Seing School 250	



- Within 400m radius for nursery, day care center or church, there are appropriate services such as: Town and Country Care (440m), Bungahan Day Care(420m), Families of the Holy Spirit (440m), Baptist Church (320m), Methodist Church (450m), Nuestra Senora de Guia Chapel (308m), Headstarter School (198m), prince & Princess Learning Center (420m), Mother Rita Barcelo Learning Center (480m), Blessed Sacrament

Church (640m), Pag-ibig Christian Ministries (400m) m and South Plains Chapel (670m). See Figure 1 - 400 M Radius (Local Shops)

Table 7 Catchment Population Applications of Local Activities, Barangay Sto. Tomas

Gross Residential Density pha=persons per hectare	Catchment Area Radius									
	200 m park/green spaces local store/shop		400 m nursery/day care center, elem, & community center		600 m pubs/eateries/local center, clubhouse, HS private		800 m HS public, health center		1000 m HS public, District Center	
Village Name	Direct Routes	Bendy Routes	Direct Routes	Bendy Routes	Direct Routes	Bendy Routes	Direct Routes	Bendy Routes	Direct Routes	Bendy Routes
100ppha	1,300	700	5,000	2,820	11,300	6,300	20,000	11,300	31,000	17,500
TOWN/COUNTRY	na		T & C Day Care	440	Ann Arbor Montsri	570	South-ville Clubhse	970	na	
			5920	3195	13697.5	7447.5	24272.5	13397.5		
			Bungahan Day Care	420	Bgy Hall	520	Rand Resort	710		
			5935	3195	13735	7485	24467.5	13592.5		
ADELINA 3	na		Families of the HSpirt	440	na		na		na	
			5920	3195						
VILLA CATALINA	na		Binan Metro Plaza	240	Baptist Church	320	Christian School	370		
			6070	3345	13885	7635	24722.5	13847.5		
					Methodist Church	450				
					13787.5	7537.5				
MERCEDES HOMES	Play ground	216	na		Nuestra S.de Guia Chapel	308	na		na	
	1463	713			13894	7644				
	Resil Court	257			Head-starter School	198				
	1432.25	682.25			13975.5	7725.5				
OLIVAREZ SOUTH	na		na		na		St. Gabriel Arch-angel Acad.	470		
							24647.5	13772.5		
OLIVAREZ I	Recrea-tional Area	202	Dental Clinic	307	Bgy HallExtn.	544	Binan Faith Acad.	450		
	1473.5	723.5	6070	3274.75	13717	7467	24647.5	13772.5		
SOUTH CITY HOMES II	Recrea-tional Center	600	Prince/ Princess Lmg.Ctr.	420	St. Joseph Multi-Purpose	780	Holy Spirit Convent	700	South City mart	294
	1175	425	5935	3210	13540	7290	24475	13800	30779.5	21654.5
			Mother Barcelo Lmg.Ctr	480	Holy Spirit Sch.	580				
			5890	3165	13690	7440				
			Millenn. Store	201						
			6099.25	3374.25						
			HRRM Pharm	200						
			6100	3375						
SOUTH PLAINS	Play ground	330	Chapel	400			Comty Ctr	750		
	1377.5	627.5	5950	3225			24437.5	13562.5		
ST. JOSEPH					St Seling Sch.	250				
					13937.5	7687.5				

Of the three survey enumerated, the GIS/ GPS is the most accurate/efficient accessibility criteria or walkable distances for local services/destinations.

Table 8 Average Direct-Line Distance Radius Accessibility, Bgy. Sto. Tomas

200M	300M	400M	500-600M	700-800M
Park / Green Spaces	Sari-sari / Local Shop	Nursery / DayCare / Church	Elem Sch / Bgy Hall	Pubs / Eateries / Local Center/ Clubhouse
267.6667	233.75	432.1667	539.6	576.1429



Table 9 Average Catchment Population of Local Activities, Bgy. Sto. Tomas

Gross Residential Density pha=persons per hectare	Catchment Area Radius									
	200 m park/green spaces local store/shop		400 m nursery/day care center, elem, & community center		600 m pubs/eateries/local center, clubhouse, HS private		800 m HS public, health center		1000 m HS public, District Center	
Village Name	Direct Routes	Bendy Routes	Direct Routes	Bendy Routes	Direct Routes	Bendy Routes	Direct Routes	Bendy Routes	Direct Routes	Bendy Routes
100ppha	1,300	700	5,000	2,820	11,300	6,300	20,000	11,300	31,000	17,500
	1361.938	611.9375	5979.917	3253.25	13786	6843.7	24524.29	13649.29	NA	NA

Taking the averages of the 13 villages in Barangay Santo Tomas and comparing it to the ideal standards thru GIS, the results are in Table 8 and Table 9.

Except for the 300m distance for the local shops, the rest of the accessibility distance compared exceeded the sustainable criteria of average direct line distance radius of the pre-selected 100ppha. (See Table 8)

Similarly, except for the bendy routes at 700 catchment area radius that resulted in a lower area of 611.94m, the rest of both the direct routes and bendy routes compared exceeded the sustainable criteria of gross residential density of pre-selected 100ppha.

CONCLUSIONS

In Barangay Sto. Tomas, the GIS/ GPS results indicated most of the average direct line radius distance from the accessibility standards as well as the average catchment population (100ppha pre-selected) thru the catchment area radius of local activities.

Hence, it can be assumed that most neighborhoods in the country need to be exposed to the benefits of sustainable local urban area development. Performance indicators are an essential tool to measure sustainability.

All stakeholders (whether public and private) need to be involved and even educated to the CLUP concept and process. The integration of sustainable development theory/ principles and process of the proposed KABATI-AN Model calls to action the CLUP in local area planning.

The computerized system of GIS/GPS is a very efficient analytical tool in determining standards. It is able to determine the availability and capability of the land and its resources using the same variables with computed walkable destination of local activities/ services destinations in quantifying terms.

It can also be concluded that the low level or lack of awareness, exposure, involvement, and valuing is a learned attitude and behavior of people residing in any community is modifiable and can be changed. The perception and awareness of a healthy and sustainable community will take some time in Barangay Sto Tomas. While there is a set vision, it also takes the concerted efforts of all stakeholders to achieve the intended sustainable, healthy and vibrant community.

Further Directions For Study

Some utmost attention and detailing should be reserve to mapping corridors, blocks and streets. Most barangays do not have accurate, efficient and updated maps. Barangay mapping is not readily available. Maps present situational analysis and current development planning vital in any planning activity. The introduction of computerized system of GIS/GPS can ease up the required mapping needs and documentation.

The researcher proposed Kabati-an model can be replicated in most local areas in the Philippines. It can provide further directions of the study. It can be replicated in new studies that concern the following:

- the development of new towns/ subdivisions/ villages;
- the socio-economic aspects of development in local village/ barangay activities of living, work, play and pray;
- the regeneration/revitalization of existing neighborhood of major urban areas in Metro Manila, Metro Cebu, Metro Iloilo and Metro Davao; and lastly,
- the development of a disaster framework and management planning.

Neighborhood site planning guides are very essential. It can open up further studies in such site planning guides in neighborhood design codes; neighborhood character and identifying its key structuring elements; and in green network/ water network studies. The master planning of new towns/ subdivisions/ villages development do not take into account neighborhood design codes. Design codes can be used in the context of street making through cohesive set of streetscapes which addresses the three elements of a holistic street; i.e., the street, the buildings on both side, and the site plots.

Further studies of neighborhood character in the existing built environment can show local distinctiveness and can even illustrate various types of neighborhood in the country. Areas of neighborhood qualities and using these design codes can further define and reinforce neighborhood qualities. Studies in green network/ water network lay down threshold levels in resource management and economics in the community. The socio-economic aspects in the barangay neighborhood can also enhance the demographic data base in population, labor, income, education, health.



Ma. Concepcion V. Roxas, PhD

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ROXAS dissertation 'In Search of a Sustainable Model for Local Urban Planning -The Kabatian Spatial Design Model'(2007) is on-going for publication in the UST Publishing House, University of Santo Tomas, Manila, Philippines 1008. Her other research (refereed): 'Green Streets' Initiatives in the Central Business District of Olongapo City, Zambales, Philippines from the UST Social Research Center has also been accepted for international publication in the 14th International Sustainable Development Research Conference held 21-23 September, 2008, in New Delhi, India.

ROXAS specializes in the field of developmental planning with over ten (10) years supervisory experience in developmental projects and twenty (20) years professional practice of architecture in the Philippines, in Singapore and in Chicago, Illinois, USA. She has developed her expertise in land use development studies, particularly in green and sustainable designs, alternative passive resources in spatial communities, towns and cities. She can also be tapped to developed curriculum studies in lifelong learning activities.

ROXAS is a core group member of the Green Architecture Movement (GAM) of the UAP. She is also currently rendering her services to both the public and private sector, in her capacity as technical consultant for planning and design architects for commercial and institutional clients in Metro Manila.

- 1 Doe 1993, Barton and Tsourou, 2000
- 2 Doe 1993, Barton and Tsourou, 2000
- 3 The discourses of Cal (2006) Oaña (2005), Einsiedel (2004), HLURB (2001), Manahan (2000), Urbis Phils (2000) Corpuz (1999) and UP Planades (1989) are very similar but not precise in the Philippine planning of local areas.
- 4 Cluster Land Management Development Study (CLMDS, 2000).
- 5 Biñan Comprehensive Land Use Development Plan (CLU DP, 2000; Part II Sec.4)

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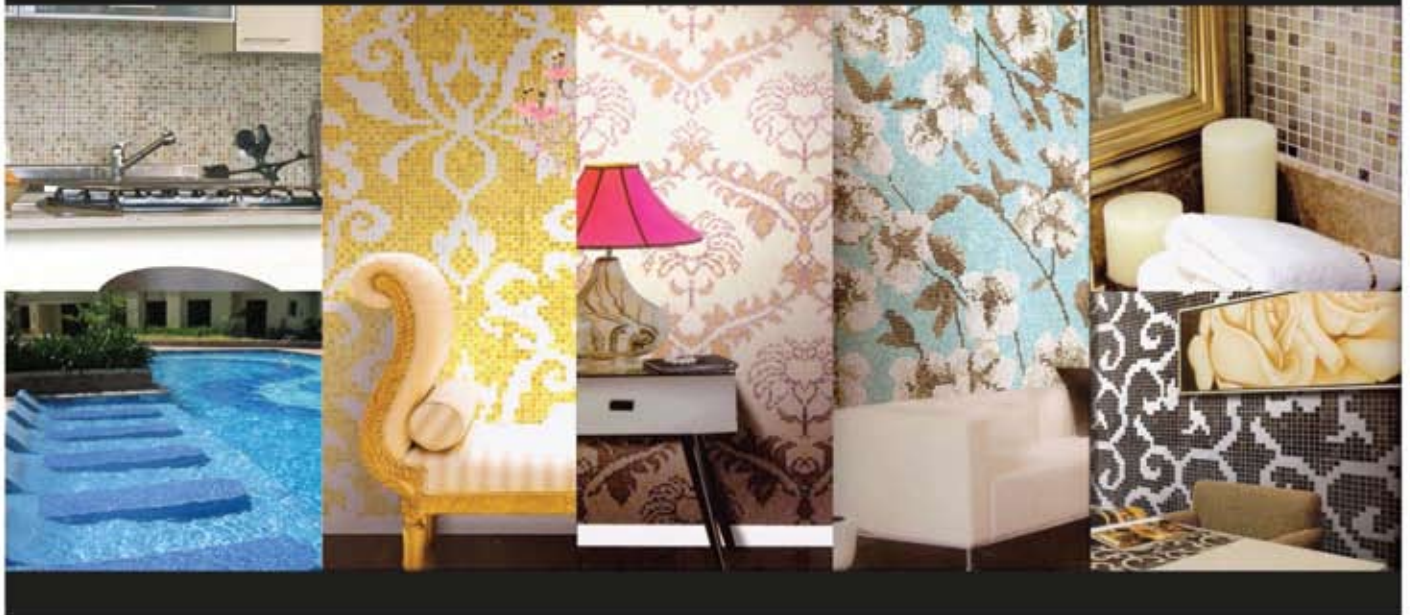
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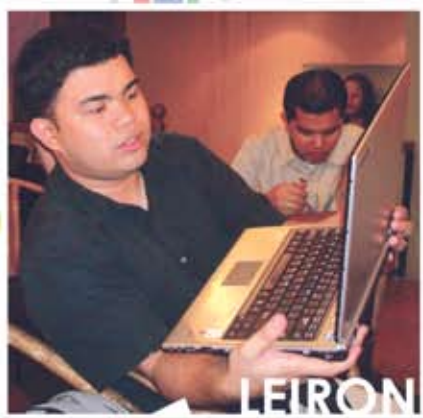
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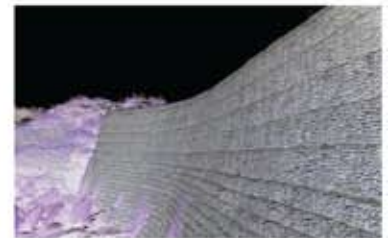
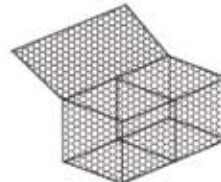
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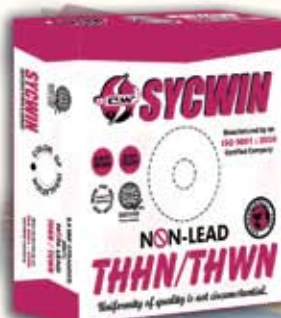
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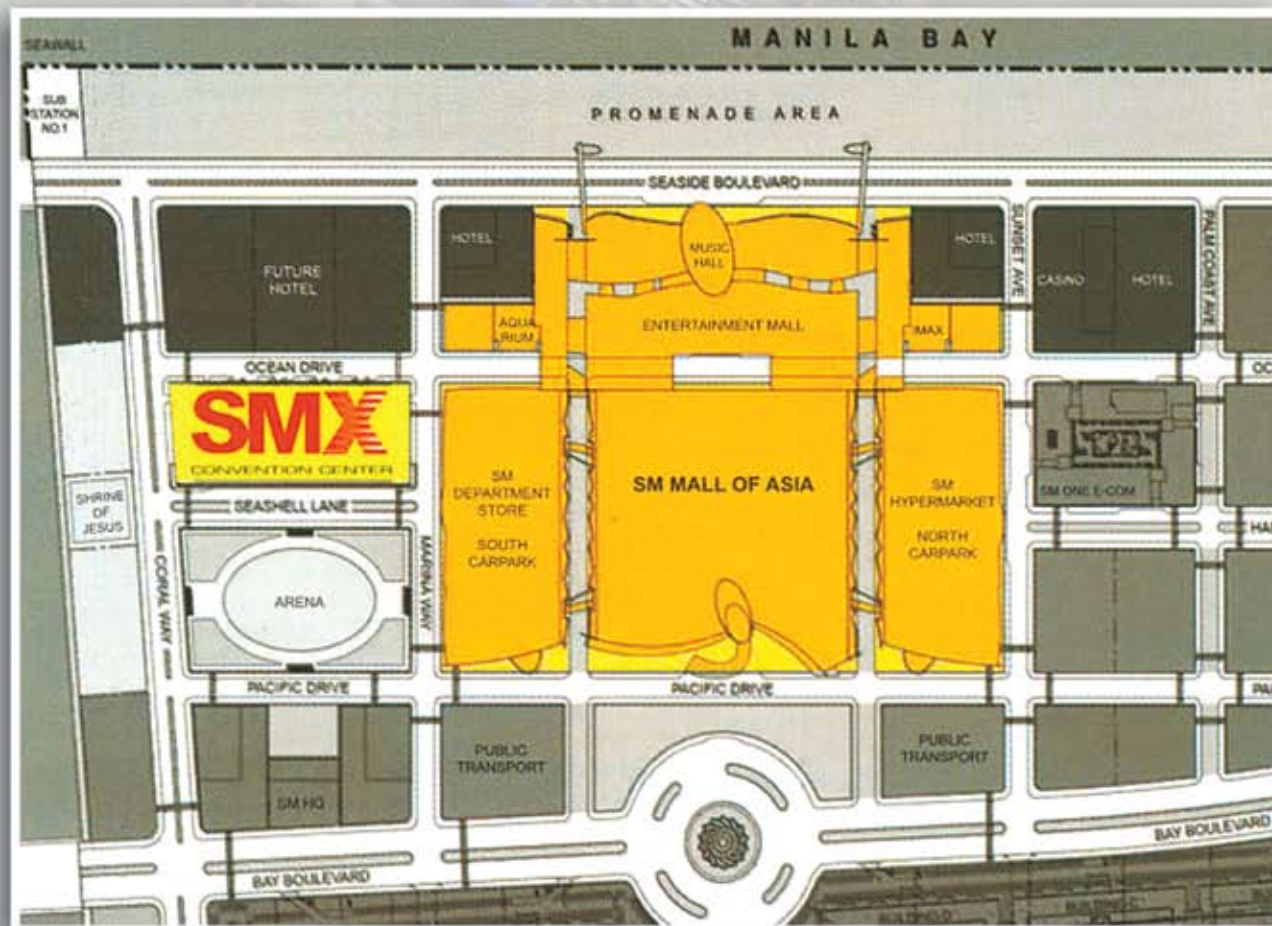
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Contact Person: Ms. Monica P. Vicente
Product Line: Autodesk 3ds Max design, Autodesk Media & Entertainment Software, v-Ray, Wacom, Hewlett Packard, IBM, Sun Microsystems, Microsoft, Adobe
- 86 City Trade Construction Supply**
Address: N.S. Amoranto cor. Cordillera, Brgy. Maharlika Quezon City
Tel No. 711.2551 / 731.6596 Fax No. 732.7793
Email Add: city_trade@yahoo.com
Contact Person: Ms. Ana Pe
Product Line: Construction Materials
- 229 Cisco System Management B.V.**
Address: 24/F Citibank Plaza, 8741 Paseo De Roxas, Makati City
Tel No. 750.5800 Fax No. 750.5897
Email Add: jbpaginado@gmail.com
Website: www.cisco.com
Contact Person: Ms. Jocelyn Paginado
Product Line: Networking and communication technology and services
- 81,82,99,100 Collins International Trading Corporation**
Address: 412 Amang Rodriguez Ave. Manggahan Pasig City
Tel No. 385.3254 / 681.6161 Fax No. 646.5979 / 681.6162
Email Add: marketing@collins-international.com.ph
Website: www.collins-international.com.ph
Contact Person: Ms. Myrene D. Carlos
Product Line: Eglo Decorative Lamps
- 291 Columbia Wires and Cable Corporation**
Address: 75 Howmart Road Quezon City
Tel No. 361.6151-54 Fax No. 361.0579
Contact Person: Michael Sia
Product Line: Wires and Cables
- 254 Concrete Ventures Group Inc.**
Address: 36 CVG Centre, 36 First Avenue Cubao Quezon City
Tel No. 723.4922-23 Fax No. 723.4920
Email Add: c-joist@mmindgate.net
Contact Person: Engr. Bong Cleto
Product Line: Pre cast, Pre stressed Concrete, C-joist
- 150,151,170 Copylandia Office Systems Corp.**
Contact Person: Ms. Ma. Theresa Dela Cruz
- 146,155 Company Name: Cosmotech Philippines Inc.**
Address: 2129 C. Rocas Ave., Makati City
Tel No. 759.2484 to 88 Fax No. 759.2572
Email Add: leo.stotomas@cosmotech.com.ph
Contact Person: Mr. Leo Sto. Tomas
Product Line: Projector, Conference System, PABX, Screen, Matrix/ Switcher, AV Integration, Laptop, Payroll Software, IT Products
- 257 Cofta Mouldings Corporation**
Address: # 3 LB1CA Valenzuela City
Tel No. 443.5792-94 / 983.8639 Fax No. 443.579 / 983.8641
Email Add: mgan@cofta.com.ph
Website: www.cofta.com.ph
Contact Person: Ms. Melanie P. Gan
Product Line: Polycarbonate Sheet and PVC Solid Door
- 245 CSR Building Materials (Phils) Ltd.**
Address: Unit 702 Page one Bldg. 1215 Acacia Avenue
MBP Alabang Muntinlupa City
Tel No. 771.0650-51 Fax No. 771.0649
Email Add: emalapitan@csr.com.hk
Website: www.csr-in-asia.com
Contact Person: Mr. Errol O. Malapitan
Product Line: Glasswool and Rockwool heat and sound insulation, clay bricks, insulated panels
- 332 CWC Industries Inc.**
Address: #2 Zaragosa cor. Palansa St. Quezon City
Tel No: 714.1115 Fax No. 713.5186
Email Add: valen_ang@cwgroup.com.ph
Contact Person: Ms. Angela Ang
Product Line: Interim Products, Fabric / Blinds, LED Lights
- 171,172,189, Davies Paints Philippines**
190,191,192 Address: #11 Mercedes Avenue San Miguel Pasig City
Tel No. 740.8386 to 87 / 641.1701 Fax No. 740.6957
Website: www.daviespaints.com.ph
Contact Person: Mr. Albert Lee
Product Line: DV Megacryl, DV Bio-Fresh, Sun & Rain, Wall Art
- 114 Decopro Inc.**
Address: 67 Judge Juan Luna St. SFDM Quezon City
Tel No. 372.5927/374.1749/332.6776 Fax No. 373.9745
Email Add: apple.viesa@decopro.com.ph
Contact Person: Mr. Jackneil So
Product Line: Mouldings and Paints
- 310 Directories Philippines Corporation**
Address: DPC Place 2322 Don Chino Avenues Makati City
Tel No. 889.8601 Fax No. 889.8966
Email Add: amreyes@dpc.ph
Website: www.dpc.eyph
Contact Person: Ms. April M. Reyes
Product Line: Yellow Pages
- 119 DSL GAM Enterprises**
Address: 409 Juan Luna St. Binondo Manila
Tel No. 450.4249 / 450.4360 Fax No. 480.0150
Email Add: dslgam@gmail.com
Website: www.dsl-led.com
Contact Person: Mr. Dexter Lim
Product Line: LED
- 143,144,157,158 Duralco Inc.**
Address: Panorama Bldg. 2 Vetreans Vill., West Service Rd. Taguig
Tel No. 727.3451 / 725.8139 / 839.2440 Fax No. 721.5619 / 839.2483
Email Add: natalie_duralco@yahoo.com
Website: www.duralcoph.com
Contact Person: Ms. Natalie Chua
Product Line: Aluminum Windows and Doors, Shower Enclosure, Window Covering, Wardrobe Doors
- 329,330 Company Name: E-shing Corporation**
Address: 3000 Aurora Blvd., Tramo Pasay City
Tel No. 852.0308 Fax No. 852.9431
Contact Person: Mr. Jason Tan
Product Line: Homogenes Tiles, Castle Waterproofing Materials
- 226 Eastern Wire MFG. Inc.**
Address: 16 Hoover St., San Juan Metro Manila
Tel No. 725.3850 / 727.2118 Fax No. 726.2555
Contact Person: Mr. William Lim
Product Line: EVG-3D Panel, Gabisons, Razor Wire, HOG Wire, Steel Matting etc.

- 177,184 Elid Technology International Inc.**
Address: 1401 Annapolis Wilshire Plaza Bldg., 11 Annapolis St., Greenhills San Juan
Tel No. 724.0108 or 91 Fax No. 725.4318
Email Add: G2@elid.com.ph
Website: www.elid.com.ph
Contact Person: Ms. Melody Mirasol
Product Line: Security System
- 200,201 Emerald Vinyl Corporation**
Address: 24 Oliveros Drive Balintawak Quezon City
Tel No. 361.6101 to 04 Fax No. 361.6740
Contact Person: Mr. Ryan Barrera
Product Line PVC windows, PVC pipes, PVC Flush doors
- 121,140 Epco Architectural Hardware Phils. Inc.**
Address: Unit 1 and 2 Harber Bldg., 505 Boni Avenue Mandaluyong
Tel No. 532.1499 / 532.1500 to 01 Fax No. 531.9010
Email Add: epcophils@belltel.com.ph
Website: www.epcocorp.com
Contact Person: Engr. Larry S. Gamotea
Product Line: Architectural Glass Hardware, Spider System, Patch Fittings
- 274 Esicor Inc.**
Address: 141 20th Avenue cor. Don Jose St., Cubao Quezon City
Tel No. 421.7530 – 47 Fax No. 421.7549
Email Add: adeu131@yahoo.com
Contact Person: Engr. Renold U. Tan
- 222 Eurovek Building Solutions Inc.**
Address: 5 Flr. Prudential Life Building 843 Arnaiz Avenue Makati City
Tel No. 815.0191 to 92 Fax No. 812.0912
Email Add: epcophils@belltel.com.ph
Contact Person Mr. Miguel Manzano
Product Line: Building System, Piping System, Technical Services
- 66 Excel Coil Coating Corporation**
Address: 1243 ARCA Bldg., Taft Avenue Pasay City
Tel No. 324.7641 – 44 Fax No. 522.1111
Contact Person: Mr. Byron Chua
Product Line: Roofing, Insulation and Cladding
- 265 Excellence Appliance Technologies Inc.**
Address: 22 D. Tuazon St., cor. L. Castillo St., Quezon City
Tel No. 712.0535 Fax No. 743.6532
Email Add: dsioco@exatech.com.ph
Contact Person: Ms. Diane Denise Sioco
Product Line: Franke sinks, taps, kitchen appliances, whirlpool appliances, fujidenzo, Glem appliances
- 255 Felport International Marketing**
Address: 1577 G. Araneta Avenue Brgy. Manresa Quezon City
Tel No. 362.9800.04.06.09 Fax No. 365.9031 or 365.9030
Email Add: felportmarketing@yahoo.com
Contact Person: Ms. Cherly A. Calderon
Product Line: Floor and Wall tiles / Mosaic Tiles / Insulation / Clay roof tile / Quartz slabs
- 280,281 Firefly Electric and Lighting Corporation**
Address: Unit 501 Sky, Tower Dasmariñas St. Binondo Manila
Tel No. 242.2060 Fax No. 242.2060 loc. 707
Email Add: dominic_gonzaga@fireflyelctric.com
Website: www.fireflyelectric.com
Contact Person: Ms. Jhlie Greenwood
- 36 Forebest Builders**
Address: 107-A Tandang Sora St., Caloocan City
Tel No. 357.6390 Fax No. 366.5094
Contact Person: Mr. Kenneth Go
Product Line: PVC Doors and Windows
- 84 Global Energie Technik Corporation**
Address: Palayan Rd. FTI Compound, Taguig City
Tel No. 710.6705 Fax No. 927.3292
Email Add: getcorp_email@yahoo.com.ph
Contact Person: Mr. Paulino Lim
Product Line: Expoxies and Waterproofing Materials / Polymer Products
- 296,305,320 Global Link Events Int'l Inc.**
Address: Unit 1003 Antel 2000 Corp. Center 121 Valero St. Salcedo Village, Makati City
Tel No. 750.8588 Fax No. 750.8585
Email Add: Patrick.tan@globallinkmp.com
Website: www.globallinkmp.com
Contact Person: Mr. Patrick Lawrence Tan
Product Line: trade Show Organizer
- 75 Globesco, Inc.**
Address: 192 Sto. Domingo Avenue Quezon City
Tel No. 364.6591-95 / 365.2435-36 Fax No. 365.2434
Email Add: bobmanalili@yahoo.com
Contact Person: Mr. Robert Manalili
Product Line: Architectural and Industrial Coating
- 195 GHD Pty Ltd.**
Address: III Paseo de Roxas Legaspi Village Makati
Tel No. 479.5632 / 479.5600 Fax No. 479.5601
Email Add: bing.ruso@ghd.com.au
Contact Person: Ms. Bing Ruso
- 54, 67 Green Power Phils., Inc.**
Address: I East Drive Marymount Village Los Baños Laguna
Tel No. 632. 520.8368 Fax No. 049. 827.3291
Email Add: info@greenpowerphils.com
Website: www.greenpowerphils.com
Contact Person: Mr. Rodelio D. Soriano
Product Line: Solar and Energy System, LED Lighting Technology, Water Treatment System
- 135 Gruppo Armani Inc.**
Address: G/F Strata Suite Condo 300 P. Guevarra St., San Juan M.M
Tel No. 331.8429 / 585.7570 / 55.7180 Fax No. 535.7099
Email Add: tiles@gruppoarmani.com.ph
Website: www.gruppoarmani.com.ph
Contact Person: Mr. Armando S. Ng
Product Line: Imported Porcelain, Homogeneous, Ceramic, and Glass Mosaic tiles
- 333 Highrise Rich Ventures., Inc. / Silvers**
Address: Unit 313 Don Santiago Bldg., 1344 Taft Ave., Ermita, Mla.
Tel No. 302.5485/86 Fax No. 3025486
Email Add: info@highrisephils.com
Website: www.highrisephils.com
Contact Person: Mr. Bong Bisate
Product Line: Silver Magazine, Builders Directory Philippines, Hunter Douglas Window Coverings
- 214,225 Hitachi Air Conditioning Products (Phils) Inc.**
Address: 123 E EDSA Balintawak Quezon City
Tel No. 362.4847 / 362.3547 / 361.1996 Fax No. 362.1796
Contact Person: Mr. Mr. Leoh Shieh
Product Line: Air-conditioning
- 129,130, 131,132 Hocheng Philippines Corporation (HCG)**
Address: 1163 Chino Roces Avenue San Antonio Village Makati City
Tel No: 895.5683 loc. 234 / 228 Fax No: 895.2180 / 895.5683 loc. 253
Email Add: silva.hcgevents@yahoo.com
Website: www.hcg.com.ph
Contact Person: Mr. Bruce Chien
Product Line: Bathroom Fixtures
- 260,261, 278,279 Holcim Philippines Inc.**
Address: L3 Pinma Plaza 39 Plaza Drive Rockwell Center
Tel No. 870.0391 Fax No. 870.0300
Email Add: raymond.tadina@holcim.com
Website: www.holcim.com
Contact Person: Mr. Raymond Tadina
Product Line: Cement
- 113 Horizon Powder Coating**
Address: 30 Kabaitan St., Duquit Mabalacat Pampanga
Tel No. 045.331.1854 Fax No. 045.322.3547
Email Add: horizon@comclark.com
Contact Person: Mr. Ramesh Ananda
Product Line: Powder Coating Services

- 162,163,177, 178,196,197 Hunter Douglas Philippines**
Address: 33 Jade Place, Visayas Avenue Quezon City
Tel No. 924.0220 Fax No. 924.7360
Email Add: melvin@hunterdouglas.com.ph
Contact Person: Mr. Melvin Porta
- 240 Hyco Industrial Sales Corp.**
Address: 81 Kapiligan St. cor Bayani St. Brgy., Doña Imelda, Quezon City
Tel No. 716.0905 Fax No. 714.8896
Email Add: hyco@pltdsl.net
Contact Person: Mr. Ambrosio C. Flores Jr.
- 295,306 Industrial Surface Finishing Corp. (ISF)**
Address: 108 Circumferential Rd. Gate 5 Araneta village, Malabon
Tel No. 361.9953 / 447.88.31 Fax No. 361.7898
Email Add: stoneage_isfcorp@yahoo.com
Contact Person: Mr. Richard Barria
Product Line: Stoneage wall claddings and wall finishing materials
- 203 Company Name: Inno Design Solutions Inc.**
Contact Person: Mr. Billy Arrienda
- 83 International Elevator & Equipment, Inc.**
Address: Km. 23 West Service Road, South Super Highway, Cupang, Muntinlupa
Tel No. 842.3161 / 807.0420 Fax No. 842.8160
Email Add: raocampo@iee.com.ph
Website: www.iee.com.ph
Contact Person: Mr. Ramonito A. Ocampo
- 205 Intericad Philippines Inc.**
Address: 2634 Rockteller St., San Isidro Makati City
Tel No. 844.9744 to 45
Email Add: jessie_arki@yahoo.com
Contact Person: Mr. Arturo Nilcar Motende
Product Line: Software Distributor
- 118 Italfil Manufacturing, Inc.**
Address: 102 E. Rodriguez Jr. Avenue Ugong Pasig City
Tel No. 672.1917 / 672.1815 / 246.8404 Fax No. 672.1914 / 246.8403
Email Add: italfilmf@yahoo.com
Contact Person: Mr. Ronilo T. Ordoña
Product Line: Granite Tiles
- 204 Jett Water Heater Co., Inc.**
Address: CDC Jett Building 67 P. tuazon Blvd., Cubao Quezon City
Tel No. 723.0032 to 37 Fax No. 724.5907
Email Add: jettmanila@jettwaterheater.com
Website: www.jettwaterheater.com
Contact Person: Ms. Sugar M. Techico
Product Line: Water heater, Heat Pump Water, Aircon water heater,
- 133 Kenneth & Mock Designs Inc.**
Address: 8 Mercury Avenue Bagumbayan Quezon City
Tel No. 912.4333 / 913.2545 Fax No. 912.1892
Email Add: kmdi2007@smartbro.net
Website: www.kennethandmock.com
Contact Person: Ms. Emily Chica
Product Line: Distributor of PVC-U windows and doors
- 283 Kenrich International Trading Centre, Inc.**
Address: 3F KAVI Bldg., 193 E. Rd. Ave. Bagumbayan Quezon City
Tel No. 421.9366 / 438.5755 Fax No. 421.9776
Email Add: kenrichint@yahoo.com
Contact Person: Ms. Wendy S. Ang
Product Line: SFG Insulation Glasswool, Rockwool Insulation, Supaflex, Aluminum Foil, Aluminum Tapes, PE Foam Insulation
- 277,282 Kent Floors**
Address: 5F JTCK Center 2155 Pasong Tamo Makati City
Tel No. 813.8943 Fax No. 812.0082
Email Add: kentvinyltiles@yahoo.com
Contact Person: Ms. Vivian Cua gruba
Product Line: Kent Vinyl Tiles
- 126 Kent International Trading Co., Inc.**
Address: No. 14 Brixton St., Bo. Kapitolyo Pasig City
Tel No. 727.3011-17 Fax No. 726.0461
Email Add: kentint@i-manila.com.ph
Contact Person: Mr. Tomas Kawpeng
Product Line: PROMAT Fire Protection & raised Floor System
- 230,231,248 249,250,251 Koten Enterprises Co., Inc.**
Address: 218 Lucban St., Pasay City
Tel No. 551.3551 / 551.1663 Fax No. 833.8711
Email Add: kotenenterprises@yahoo.com
Contact Person Ms. Malou C. Doles
Product Line: Circuit breaker, Safety breakers, Magnetic contactors, Overload relays, panel boards, Wiring devices, Extension cords, lights and fixtures. etc.
- 208,209 Kuysen Enterprises Inc.**
Address: 236 E. Rodriguez Avenue Quezon City
Tel No. 419571 loc. 506 Fax No. 749.5363
Email Add: cecil.berdul@kuysen.com
Product Line: Bathroom, Kitchen, Tiles, Water Heater, and Pipes
Contact Person: Mr. Ferdie Hernandez
- 181, 199 Landlite Philippines Corporation**
Address: 498 San Fernando St. Binondo Manila
Tel No. 243.5184 / 309.7190 to 91 Fax No. 309.7179
Contact Person: Mr. Marlon Uy
Product Line: Led Lights
- 147,148,153 154,167,168 Macau Government Tourist Office Philippines**
Address: Suite 11-D, The Valero Tower, 122 Valero Street Salcedo Village, Makati City
Tel No. 812.2595 / 813.0947 Fax No. 892.5232
Website: www.macautourism.gov.mo
Contact Person: Ms. Jet Cabuslay
- 141,142,159 160,161,162 Macro Industrial Packaging Products Corporation**
Address: Canlubang Industrial Estate Calamba, Laguna
Tel No. 844.7496 Fax No. 844.7796
Email Add: pchunsim@pltdsl.net
Contact Person: Mr. Pocholo Chunsim
Product Line: Manufacturing of EPS (expandable polystyrene)
- 293 Mega System Enterprises**
Address: 501 Silencio St. Sta. Mesa Manila
Tel No. 715.4717 / 716.5614 Fax No. 716.3148
Email Add: sales@megasystem.com.ph
Website: www.megasystem.com.ph
Contact Person Mr. Antonio Chua
Product Line: PPR Pipe & fittings, Meag green, Timbertech, Syptonic
- 236 Metrotech Steel Industrial Inc.**
Address: HHB Compound Valenzuela
Tel No. 364.0607 Fax No. 364.0588
Contact Person: Mr. Sison Olaño
- 263,276 Miraga Trade Center**
Address: 24C Tecson St. cor. Mascardo St. Project 4 Quezon City
Tel No. 437.4127 loc. 18 Fax No. 438.8305
Email Add: miragatradecenter@yahoo.com
Contact Person: Ms. Jennie Rose Cabale
Product Line: PPR Pipes and Bathroom Fixtures
- 215,224 Moldex Products Inc.**
Address: Ligaya St. cor. West Avenue Quezon City
Tel No. 373.8888 loc. 631 Fax No. 373.4009
Email Add: sales@moldex.com.ph
Website: www.moldex.com.ph
Contact Person: Mr. Ruel F.A. Abila
Product Line: uPVC Pipes and Fittings
- 95 Mondo Cucina Inc.**
Address: C231, 2nd Flr., Serendra Bonifacio High St., Bonifacio Global City Taguig
Tel No. 856.7634 Fax No. 856.4590
Email Add: liezl.chavarria@smegphilippines.com
Website: www.smegphilippines.com
Contact Person: Mr. Emerson Chua
Product Line: Kitchen Appliances
- 134 Multi-Line Design System Inc.**
Address: Calderon Bldg., 827 EDSA Diliman Quezon City
Tel No. 929.9911 loc. 2220 Fax NO. 924.2380
Email Add: mcangeles@multilinegroup.com
Website: www.multi-linegroup.com
Contact Person: Mr. Marco Angeles
Product Line: Roofing, Flooring, Walls, Port Alarm System etc.

- | | |
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| <p>127 Multi-Line Building Systems Inc.
Address: 827 Calderon Bldg., EDSA Diliman Quezon City
Tel No. 929.9911 Fax No. 924.2349
Email Add: elreyes@multi-linegroup.com
Website: www.multi-linegroup.com
Contact Person: Mr. Efren L. Reyes Jr.,
Product Line: Electronic Building System</p> | <p>327 ProActive Pest Control
Address: 2F unit Jocfer Bldg., Commonwealth Avenue Quezon City
Tel No. 932.2409 / 455.7162 Fax No. 453.1296 / 455.7162
Email Add: dongconcepcion@yahoo.com
Contact Person: Mr. Eleazar T. Concepcion
Product Line: Rayer-Agenda Total Termite Control System, CCAS</p> |
| <p>136 Norwich Marketing Corporation
Address: 65 East Riverside St. SFDM Quezon City
Tel No. 372.9797 Fax No. 372.2917
Email Add: jimmyyu_norwich@yahoo.com
Contact Person: Mr. Jimmy Yu
Product Line: Waterproofing</p> | <p>51,52,69, 70,71,72 Puyat Steel Corporation
Address: Edsa Mandaluyong City Enzo Bldg., Sen. Gil Puyat Makati
Tel No. 6800.3221/6385385 Fax No. 6800.3221
Email Add: marketing_puyatsteel@yahoo.com
Contact Person: Ms. Pia Lamoste
Product Line: Roofing Products</p> |
| <p>264 Otilie Marketing Inc.
Address: 221 D. Tuazon St. cor. Sta. Catalina St. SFDM Quezon City
Tel No. 740.1046 to 65 Fax No. 740.0046
Contact Person: Mr. Dennis A. Leyran</p> | <p>Puyat Flooring Products, Inc.
Address: 2/F ENZO Bldg. 399 Gil Puyat Avenue., Makati City
Tel No. 897.6262 or 987.3879 Fax No. 734.7584
Contact Person: Mr. Bonifacio Manlapig
Product line: Vinyl Products</p> |
| <p>194,187 Orion Maxis Inc. (Lepanto Tiles)
Address: 20F LKG 6801 Ayala Avenue Makati City
Tel No. 884.1106 Fax No. 884.1461
Email Add: Icarullo@orinomaxis.com
Contact Person: Mr. Lionel Carullo
Product Line: Ceramic and Porcelain Tiles</p> | <p>238 Republic Powder Coat Corporation
Address: 90 Congressional Avenue Quezon City
Tel No. 926.3609 / 927.1187 Fax No. 456.8457 / 927.3380
Email Add: rebcoat@globelines.com.ph
Contact Person: Mr. Larry Chua
Product Line: Powder Coating Services</p> |
| <p>145,156 Paradise Chemical Corporation
Address: 7433 Yakal St., San Antonio Village Makati City
Tel No. 818.3011 / 892.7067 Fax No. 894.3607
Email Add: paradisechemical@gmail.com
Website: www.paradisechem.com
Contact Person: Mr. Luis Martinez
Product Line: Destiny Paints</p> | <p>315 Ricad Inc.
Address: A8 Alabang Home Depot, West Gate Alabang Muntinlupa
Tel No. 821.7567 / 824.0773 Fax No. 821.7567
Email Add: ricadinc@pltdtdsl.net
Website: www.ricadinc.com
Contact Person: Mr. Christopher de Castro
Product Line: Glass Musiac, High Pressure Laminates, MDE Panel Boards, Machuca Tiles</p> |
| <p>243,256 Phelps Dodge Energy Products Corporation
Address: 2F Karrivin Plaza, 2316 Pasong Tamo Ext. Makati City
Tel No. 813.2529 loc. 120 Fax No. 812.0798
Email Add: sales-mktg@phelpsdodge.com.ph
Website: www.phelpsdodge.com.ph
Contact Person: Ms. Altaire Galve
Product Line: Electrical Wires and Cables</p> | <p>44 Rize Innovations, Inc.
Address: 168 Ignacio St. Pasay City
Tel No. 556.2238 Fax No. 556.2238
Email Add: sales@riseinnovations.com.ph
Website: www.rizeinnovations.com.ph
Contact Person: Mr. Arvin John Matutino
Product Line: Tensile Fabric, Membrane Structure</p> |
| <p>163,164, 173,174 Philips Electronic and Lighting Inc.
Address: 4th Flr. PBCom Tower Rufino St. cor. Ayala Avenue Makati
Tel No. 845.7866 Fax No. 816.3124
Email Add: andrew.c.yan@philips.com
Website: www.lighting.philips.com.ph
Contact Person: Mr. Andrew C. Yan
Product Line: Lighting</p> | <p>122 Royal Tern Ceramics Phils., Inc.
Address: 1601 Prestige Tower, Emerald Ave., Ortigas Center, Pasig
Tel No. 634.5126 to 32 Fax No. 634.5133
Contact Person: Mr. Joseph Maglangue
Product Line: Sanitary Wares</p> |
| <p>227 Philips Wire and Cable Co. (Philflex)
Address: 407 Dasmariñas St. Binondo Manila
Tel No. 241.8801 Fax No. 241.3853
Email Add: info@philflex.com.ph
Website: www.philflex.com.ph
Contact Person: Mr. Manny Padit
Product Line: Electrical Wires and Cables</p> | <p>68 S.E.A. Olympus Marketing Inc.
Address: 515 Katarungan St. Ocada Compound Mandaluyong City
Tel No. 747.3195 to 96 Fax No. 533.9297 / 531.0998
Email Add: rfaustorillo@olympus.com.ph
Website: www.olympus.com.ph
Contact Person: Mr. Ronnie T. Faustorillo
Product Line: Ecofoam Polyurethane insulation, Voyager pressure tank, sunshield polycar</p> |
| <p>55,56 Philkorland Realty and Management Corp.
Address: 1009 Alpap 2 Bldg., Trade St. Madrigal Buss. Park Muntinlupa City
Tel No. 842.0295 / 802.4575 Fax No. 809.4575
Email Add: vangie_villanueva@yahoo.com
Contact person: Ms. Evangiline Villanueva
Product Line: PVC Doord and Windows, Door Lock Systems</p> | <p>46 Septech General Services Inc.
Address: No. 73 J. Elizade St., BF Homes Parañaque City
Tel No. 809.4554 / 342.9995 Fax No. 809.4554
Email Add: lorie_sgsi@yahoo.com
Contact Person: Ms. Lorelyn S. Camantigue
Product Line: Autoclaved Lightweight Concrete</p> |
| <p>237 Philmetal Products Inc. / Steelframe Phils. Inc
Address: 140 Amorsolo St. Legaspi Village Makati City
Tel No. 810.853 / 813.8382 Fax No. 813.8981
Email Add: philmetal_sales@philsteelgroup.com
Contact Person: Mr. Jerry Tadifa
Product Lines: Roofing, Cladding, Decking, Steel Framing</p> | <p>239 Solar Gard Philippines Corporation
Address: 485 Dr. Fabela Rd., Brgy. Addition Hills Mandaluyong City
Tel No. 531.317 / 532.3167 Fax No. 535.9443
Email Add: solargardphils@yahoo.com
Website: www.solargard.com
Contact Person: Mr. Joseph dela Cerna
Product Line: Solar Gard, V-kool, Armormcoat window film,</p> |
| <p>41 Prescon Philippines Inc.
Address: 711 Nueve De Febrero St., Mandaluyong City
Tel No. 531.4971 to 74 Fax No. 531.3199
Email Add: fuentes_rhey@yahoo.com
Contact Person: Mr. Rhey P. Fuentes
Product Line: Specialty Contractor</p> | <p>202 Spancrete Structure Inc.
Address: Km. 18 Ortigas Avenue Ext. Cainta rizal
Tel No. 656.8403 / 04 Fax No. 656.8404
Email Add: spancretestructureinc@yahoo.com
Website: www.qpci.com.ph
Contact Person: Arch. Buddy Villamor
Product Line: Pre-cast products, Ready mix, concrete hollow blocks</p> |

- 103 Spray Works Coating Corporation**
Address: 65-A East Riverside St., SFDM Quezon City
Tel No: 410.0219 / 411.8819 Fax No. 372.1575
Email Add: sw_coat@yahoo.com
Website: www.geocities.com/sw.coat/index.html
Contact Person: Mr. Virgilio Lopez
Product Line: Color Glasses
- 137 Supersonic Manufacturing Inc.**
Address: 438 F. Dulalia St., Bo Linguin Valenuela City
Tel No. 531.730 / 534.1812 Fax No. 531.6796
Email Add: smi@supersonic.ph
Website: www.supersonic.ph
Contact Person: Mr. Crispin Muñoz
Product Line: Gabions & Matress, Steel Matting, Barbed Wire, Cyclone Wire, BI and GI Wire, Welded Wire, Tencate, Geosynthetics
- 152,169 Supreme Steel Pipes Corporation**
Addresses: 5 Harmony St. Garce Village Balintawak Quezon City
Tel No. 361.3492 / 361.3494 Fax No. 361.3655 / 363.3464
Email Add: reganind@yahoo.com
Contact Person: Ms. Iaane Tan
- 206,207 Steel Asia Manufacturing Corporation**
Address: 2nd Floor Building B2 Bonifacio High Street, Fort Bonifacio, Global City Taguig
Tel No. 856.6888 Fax No. 856.5555
Email Add: mapalaroan@steelasia.com
Website: www.steelasia.com
Contact Person: Mr. Louise A. Palaroan
Product Line: Manufacturer
- 73 Sycwin Coating & Wires Inc.**
Address: 93 Joy St. Trace Village, Balintawak Quezon City
Tel No. 364.6001 to 06 Fax No. 364.3870
Email Add: sales@sycwin.com
Website: www.sycwin.com
Contact Person: Mr. Gilbert S. Ng
Product Line: Paints and Wires
- 165,166 Teresa Marble Corporation**
Address: 17 Shaw Boulevard Pasig City
Tel No. 631.9132 Fax No. 634.3342
Email Add: sales@teresamarble.com
Contact Person: Mr. James D. Rosca
Product Line: Marble Tiles and Granite
- 74 Thor Lighting Solutions Inc.**
Address: 11 pioneer St., Bo. Kapitolyo Pasig City
Tel No. 635.9013, 7474664, 638.6103 Fax No. 747.4664
Email Add: thorsl@yahoo.com
Contact Person: Ms. Patricia Bolaños
Product Line: LED Lighting
- 1 Total 2000 Corporation / Eurobass Products, Inc.**
Address: 1808 L.M. Guerrero St. Malate Manila
Tel No. 523.2901 to 02 Fax No. 525.1595
Email Add: total2000corp@yahoo.com
Contact Person: Ms. Ingrid Lim
Product Line: Importer and Manufacturer
- 334 Total Power Box Solutions**
Address: Cavite Light Industrial Park Daguyam, Silang
Tel No. 6800.6227-28 / 868.4981-82 Fax No. 868.9983
Email Add: chito@powerboxsolutions.com
Website: www.powerboxsolutions.com
Contact Person: Mr. Chito Mercado
Product Line: Electrical Panelboard, Large tray, Switchgear and etc.
- 218,219, 220,221 Toto Asia Oceania Pte. Ltd.**
Address: No. 1010 10th Flr. Rufino Bldg., V.A Rufino cor. Ayala Makati
Tel No. 887.6643 / 887.6296 Fax No. 887.4084
Email Add: sheilagonzalez@toto.com.ph
Website: www.totophilippines.com
Contact Person: Mr. Sebastian Chia
Product Line: Sanitary Wares
- 98 Unitecpipe Manufacturing Corporation**
Address: 1388-F G. Araneta Avenue Bgy. Talayan Quezon City
Tel No. 743.3121 Fax No. 416.8192
Email Add: jencam@unitecpipes.com
Contact Person: Mr. Greg Yap
Product Line: Polyethane and Polypropylene-Hot and Cold Water Piping System Pipe s and Fitting
- 348,349, 350, 351 United Architects of the Philippines**
Address: # 53 Scout Rallos St. Brgy. Laging Handa Diliman Q.C.
Tel No. 412.6364 / 412.6403 Fax No. 372.1796 / 412.3342
Email Add: uapnational@yahoo.com
Website: www.united-architects.org
- 175,176, 185,186 Universal Paints**
- 125 Venzon Manufacturing Corporation**
Address: Lot 138 Panipuan City of San Fernando Pampanga
Tel No. 045.861.0971 – 72 Fax No. 045.860.6846
Email Add: karen@venzonmfg.com
Website: www.venzonmfg.com
Contact Person: Ms. Karen Sunga
Product Line: Lighting Fixtures
- 53 Wah Phil Corporation**
Address: 1321 E. Rodriguez Sr. Avenue Cubao Quezon City
Tel No. 724.7553 to 54 Fax No. 726.9848 or 412.4366
Email Add: ed@wahphil.com
Contact Person: Mr. Ed Torilla
Product Line: Sunshield Polycarbonate Sheets, EcoFoam Insulation Polyurethan, Tankee Voya, Pressure Tank, Solflex Solid Surface
- 128 Watercare International Sales Inc.**
Address: 484 G. Araneta Avenue Quezon City
Tel No. 716.6998 Fax No. 716.0903
Contact Person: Ms. Yanyan Co
Product Line: Water treatment System
- 117 Webforge Philippines Inc.**
Address: Main Avenue cor. Hologram St. LISP I, Cabuyao, Laguna
Tel No. 049.543.0441 Fax No. 049.543.0440
Website: www.webforge.com
Contact Person: Vicente Fernandez
Product Line: Steel Gratings, Handrails & Fence
- 101,102 Wilcon Builders Depot Inc.**
Address: 90 E. Rodriguez Jr., Avenue Libis Quezon City
Tel No. 634.8387 Fax No. 634.8387 loc. 1696
Email Add: marketing@wilcon.com.ph
Website: www.wilcon.com.ph
Contact Person: Ms. Rose Marie B. Ong
Product Line: Finishing Materials
- 242 Wordtext Systems Inc.**
Address: 7th Flr. SEDCCO 1 Bldg., Legaspi cor. Rada St. Legaspi Village Makati City
Tel No. 858.5555 loc. 573 Fax No. 817.6430
Email Add: maryjane_hathan@wsiphil.com.ph
Contact Person: Ms. MJ Kathan
- 149 Xiongdi Granite Construction Supply**
Address: 8106 Dr. A. Santos Avenue Sucat Parañaque City
Tel No. 820. 3655 Fax No. 820.3655
Email Add: xiondigranite@yahoo.com
Contact Person: Mr. Robert Cruz
Product Line: Granite and Marbles



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THOR

11 Pioneer St., Bo. Kapitolyo, Pasig City
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 T Fax 747-4664
 Cell +(632)0923270-2750
 E-mail thorisi@yahoo.com



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 Model: IRE-107



FLUORESCENT LAMP
 Model: IS-101



INDOOR SPOTLIGHT

WATERPROOF LUMINAIRE



TRACK CYCLOPS
 Model: IS-101B



LED S/S UNDERWATER
 Model: SUB-102



INDOOR RECESSED DOWLIGHT

FLOODLIGHTS



LED SWIVEL
 Model: IS-104



FLOODLAMP-MINI
 Model: OF-104



LUMINAIRES

WALL WASHERS



LED CANOPY RECESSED
 Model: RC-101-107



LED WALL WASHER
 Model: WW-106



RIBBON / STRIP LIGHTING

STREET / LAMP POST



LED FINE STRIPS
 Model: ST-101



LED SMALL STREET LIGHT
 Model: ST-101



COMMON PROBLEMS

- HIGH ENERGY BILLS?
- OUT OF REACH BULBS?
- INEFFECTIVE LIGHTING?
- WASTED MAINTENANCE HOURS?
- HAZARDOUS WASTES?

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 A SOLUTION
 FOR YOU!!
 USING OUR
 "HIGH POWER
 LED LIGHTS"**

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- ULTRA LOW MAINTENANCE
- LONG LIFESPAN
- ENVIRONMENTAL FRIENDLY
- RELIABLE
- NO HEAT

CHARACTERISTICS

Come in...

VARIOUS SHAPE, COLORS AND SIZE
 LIGHT COLORS AND BRIGHTNESS

QUALITY AND RELIABILITY LEVELS
 LIFE AND PERFORMANCE LEVELS

ADVANTAGES

NEW
 UNIQUE
 SMALL

RELIABLE
 DIMMABLE
 DESIGNABLE

SAFETY FACTOR
 SLIM SIZE
 SOLID STATE

LESS HEAT
ENERGY SAVING
 SHOCK RESISTANT

ULTRA-LOW MAINTENANCE
 ENVIRONMENTAL FRIENDLY
 NO FLICKERING

NO INFRA-RED
 NO UV RAYS
 NO EYE FATIGUE

NO HEADACHE
LONG LIFESPAN
 1 YEAR WARRANTY

APPLICATIONS

RESIDENTIAL
 ARCHITECTURAL
 LANDSCAPE

STREET LIGHTS
 BUILDINGS
 RETAIL DISPLAY

GENERAL LIGHTING
 FLOOR
 FACADE

FOUNTAIN
 STAIRWAYS
 TREES / GARDEN

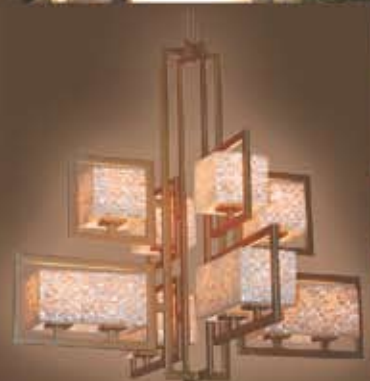
MENUBOARD
 WALL DECORATION
 PAINTINGS

SCULPTURES
 DISPLAY
 SIGNAGES

FURNITURE
 COVE LIGHTING



VENZON MANUFACTURING CORPORATION



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E-Mail Address: ed@wahphil.com / mail@wahphil.com

Contact Person: Mr. Ed Torilla

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- 1.) Sunshield Polycarbonate Sheets
 - supply and installation.
- 2.) Ecofoam Polyurethane Insulation Foam
 - supply & application
- 3.) Tankee Voyager Pressure Tank
- 4.) Markee & Pierra Kitchen Sinks
- 5.) Movica Casted Stones
 - Bathroom & Kitchen Fixtures
- 6.) Solflex Solid Surface

SUN SHIELD **UV PROTECTED** **POLYCARBONATE SHEETS**

APPLICATIONS:

1.) TWINWALL SHEETS

CANOPY / SKYLIGHTS ROOFING / OFFICE PARTITION / ATRIUMS / SIGNAGES / OVERPASS ROOFING / COVER WALKWAYS / ROOF FOR WOOD OR CONCRETE TRELLIS / STAGE DECORATION / PARTITION / WINDOW GLAZING / CEILING

2.) SOLID SHEETS

SAFETY GLAZING / WINDOW / DOOR / PANELS / PROTECTED COVER / TABLE TOP SIGNAGE COVER / SLOPE CANOPY / POLICE SHIELD / ELECTRONICS / LIGHTS COVER CONVEYOR COVER / MACHINE COVER / ARMORED CAR / FENCING

AVAILABLE COLORS **AVAILABLE SIZES FOR** **TWINWALL SHEETS**

CLEAR / GREEN / BRONZE / WHITE / BLUE GREEN / BLUE / GRAY

SOLID SHEETS **ROLL SHEETS**

2.10M (W) x 3.00M (L) x 6MM (T) / 1.22M (W) x 3.00M (L) x 6MM (T) /

1.22M (W) x 4.88M (L) x 6MM (T) / 1.22M (W) x 2.44M (L) x 6MM (T) /

1.22M (W) x 2.44M (L) / 1.22M (W) x 3.20M (L) /

1.22M (W) x 3.00M (L) / 1.50M (W) x 3.00M (L) / 3MM / 2MM / 1.5MM / 1.2MM (T)

SAMPLE APPLICATION



CANOPY



COVERED WALK



ROOFINGS



PARTITION



SIDEWALK ROOFINGS



CARPORT



ECOFOAM
POLYURETHANE INSULATION

ECOFOAM POLYURETHANE INSULATION (EPI) presents the ideal solution for the durable and cost saving energy conserving insulation applications in commercial buildings, and even residential structures. Spray foam insulation puts together the benefits of insulation and air barrier systems crucial to the environmental control within commercial building structures and homes.

APPLICATIONS:

✓ Roofing
 ✓ Construction
 ✓ Cavity Filling
 ✓ Perimeter Wall Insulation

✓ Corrosion Protection
 ✓ Secondary Containment
 ✓ Abrasion Resistant Coatings
 ✓ Fixation

✓ Spray Molding
 ✓ Insulation Material
 ✓ Theater and Movie Set Design
 ✓ Ceiling

FEATURES	ADVANTAGES	BENEFITS
Insulation Material	Seals the entire "building envelope" of your house to prevent air and moisture infiltration	Saves on energy costs and lowers utility bills
1 - inch Thick Foam Material	Less material than any other type of commercial insulation material	Guaranteed return of investment by saving energy cost from time to time
Air, Gas and Moisture Infiltration Material	Adheres to the walls and floors to create a tight seal and insulating barrier	Guaranteed return of investment by saving energy cost from time to time
Sanitary Material	Prevents moisture where mold can form	Sanitary and clean living for the family of occupants
Seamless and Monolithic	a. Foam sprayed into the walls enhances overall building stability and reduces "crack & shear" b. Reduces airborne sound	a. Enhances durability of buildings b. Making the home durable and acoustically private from neighbors

SAMPLE APPLICATIONS



THEATER INSULATION



ROOF DRAIN



ROOF INSULATION



FLATATION FOR SHIP OR BOAT





FINISH COATED COMMERCIAL ROOF



ROOF INSULATION

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pressure tanks



EMERALD

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V2000 RIGID

Electrical Conduits



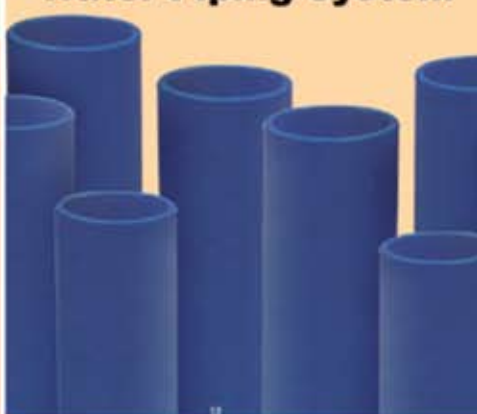
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for Drain, Waste and Vent



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Water Piping System



uPVC WINDOWS AND DOORS



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