

AMH Philippines, Inc.

Company Profile





COMPANY OVERVIEW

Who We Are

We are an employee-owned, academe-linked, Filipino engineering consulting company based inside the University of the Philippines Campus in Diliman, Quezon City. We currently have twenty-eight (28) shareholders, eleven (11) of which have involvement as Professors or Senior Lecturers with the UP Institute of Civil Engineering and the UP National Engineering Center. As of December 2010, eight (8) Principals have doctorate degrees, and thirteen (13) have graduate degrees.

The AMH Name

The name AMH was derived from the letters AM+MH = AMH. The letters AM stand for Alejandro Melchor (1900-1947), an exemplary engineer, teacher, soldier and statesman. A well-loved teacher of the UP College of Engineering, he later on organized the Corps of Professors of the Philippine Military Academy, and served as cabinet secretary for military affairs of President Osmeña during World War II.

The letters MH stand for Melchor Hall, UP Diliman's College of Engineering building which upholds high academic standards and social ideals. These three letters remind AMH engineers, staff and shareholders that their consultancy company is named after a great Filipino engineer, and a great institution.





Vision

To be an engineering consulting company that Filipinos can be proud of.

Core Value and Culture

All our strategies, policies, and decisions shall be guided by the TRUTH.

ISO 9001:2015 Certification



AMH is certified with the new ISO 9001:2015 version after having successfully passed the ISO audit conducted by SGS Philippines, Inc.

SGS first certified AMH as an ISO 9001:2008 compliant company in 2014, and subsequently recertified AMH after surveillance audits in 2015 and

Its quality policy states that:

“AMH is an academe-linked Filipino engineering consultancy firm. We shall provide clients with the most responsive engineering solutions by adhering to statutory and regulatory requirements; and by continuously improving our people, systems, and structure.”

Services

AMH has the capacity to render services in the following fields:

- Geotechnical Engineering
- Geologic and Geohazard Assessment
- Seismic Hazard Assessment
- Structural Assessment
 - Vertical Structures
 - Horizontal Structures
 - Liquid-containing Structures
 - Design of Retrofitting
- Structural Design Review
- Hydrology and Hydraulics
- Coastal Engineering Study
- Environmental Impact Assessment (EIA) / Environmental Impact Assessment (EIS) third party reviews
- Detailed Civil and Structural Design
- Architectural and Engineering Design
- Site Development Planning

SERVICES AND PROJECTS

Practice-Based Groups



Water Resources, Environmental, and Coastal Engineering



Structural Engineering



Civil Works and Construction Management



Geotechnical Engineering

Projects and Clients

Since 1999, AMH has been involved in more than one thousand (1000) projects. Majority of the projects involved technical geotechnical and drainage studies, site development design services, detailed structural design of civil and building structures, and special studies requiring modelling and research.

Our clients include oil companies, power generation companies (coal, geothermal, hydropower), property developers, mining companies, utility companies, a toll road operator, contractors, and other engineering consultants (both foreign and local consultants). The logos of some of our repeat clients follow:



Project Profiles

ENERGY/PETROLEUM



ARCHITECTURAL AND DETAILED ENGINEERING DESIGN FOR SHELL SERVICE STATIONS

CLIENT: PILIPINAS SHELL CORPORATION
INDUSTRY: PETROLEUM
LOCATION: VARIOUS SITES

SEISMIC HAZARD ASSESSMENT FOR THE SEPCC MARIVELES POWER PLANT 2

CLIENT: SHANGHAI ELECTRIC OWRER CONSTRUCTION CO. LTD.
INDUSTRY: PROPERTY
LOCATION: MARIVELES, BATAAN

Pilipinas Shell Corporation is one of the fastest growing fuel retailers in the Philippines. Service stations are developed to include the clerical facilities of the retail operations and the configuration of the fuel bay.

AMH Philippines, Inc. continues to provide complete architectural and engineering services for various sites. Site layout is provided using user specifications, which include the number of underground tanks, types of products dispensed, number of pumps, clerk's office, locker room, and sanitary facilities. Upon the approval of the layout, AMH commences the detailed engineering design which includes Structural, Geotechnical, Electrical, Mechanical, and Sanitary Engineering Design. In addition, Quantity Survey is also prepared upon the completion of the design.

Shanghai Electrical Power Construction Co. Ltd. commissioned AMH Philippines, Inc. to conduct a Seismic Hazard Assessment on their proposed Power Plant located in Mariveles, Bataan. Using AMH-developed MathCAD spreadsheets and software like OpenQuake, AMH was able to review the seismic activities that may affect the Power Plant and make the necessary recommendations for the structure. AMH used various attenuation relation models, such as the Fukushima-Tanaka Attenuation Relation and NGA Relation, to recommend the Peak Ground Acceleration and maximum Pseudo-spectral acceleration for the site.

INFRASTRUCTURE-TRANSPORT



CONSTRUCTION MANAGEMENT OF MASINLOC EMPLOYEE HOUSING FACILITIES

CLIENT: AES PHILIPPINES
INDUSTRY: ENERGY/POWER
LOCATION: MASINLOC, ZAMBALES

AMH Philippines, Inc. handled the construction management of the Employee Housing Facilities of AES Philippines. The Housing Facilities were built to provide AES employees a comfortable standard of living. It is composed of three (3) residential buildings, a building for common facilities, and a multi-function building. It was also designed and constructed with complete site development plan.

The main scope of the proposed construction management services is to oversee and monitor the quality, safety, and timely performance of the construction works of the Employee Housing Facilities. Site engineers and inspectors from AMH were deployed on-site and stayed during the construction of the facilities. AMH complied with the submission of monthly progress reports, attendance in project meetings, and in accomplishment of necessary documents as required by the client.

FLOOD STUDY AND GEOTECHNICAL ASSESSMENT FOR THE PROPOSED MRT LINE 7

CLIENT: EEI CORPORATION / GEOTECHNICS PHILIPPINES,
INDUSTRY: INFRASTRUCTURE-TRANSPORTATION
LOCATION: QUEZON CITY TO SAN JOSE DE MONTE BULACAN

Manila Metro Rail Transit Line 7 (MRT-7) is a 22.8 kilometer rapid transit line consisting of 14 stations, with the line runs in the northeast direction from Quezon City to San Jose Del Monte, Bulacan. EEI Corporation commissioned AMH to quantify the flood risk on selected stations by the generation of inundation maps within selected sections. Eight (8) flood-prone areas are included in the study which is currently ongoing. The engagement involves synthesis of data collected from known government agencies (e.g. DPWH, NAMRIA, PAGASA, DOST), hydrologic modelling and hydraulic analysis for each area. Flood levels are identified and localized inundation maps are prepared to serve as inputs for EEI in determining any required intervention to the elevations of at-grade stations or design of pump stations for depressed sections. AMH also assisted Geotechnics Philippines, Inc. (GPI) in the geotechnical evaluation of the project site. AMH assessed 149 boreholes which were drilled to provide the necessary samples for the study. All results will serve as input in future detailed engineering designs for structures to be erected along the MRT 7 alignment.



GEOTECHNICAL ASSESSMENT FOR THE PNR-NSCR

CLIENT: GEOTECHNICS PHILIPPINES, INC.
INDUSTRY: TRANSPORTATION
LOCATION: BULACAN TO MANILA

GEOTECHNICAL ASSESSMENT FOR THE CAVITE-LAGUNA EXPRESSWAY

CLIENT: DCCD ENGINEERING CORPORATION
INDUSTRY: TRANSPORTATION
LOCATION: CAVITE-LAGUNA EXPRESSWAY (CAVITE SECTION)

Geotechnics Philippines, Inc. (GPI) engaged AMH to undertake geotechnical engineering consultancy services in connection with the Proposed North-South Commuter Railway of the Philippine National Railways (PNR-NSCR Project). The proposed project will be implemented by the Department of Transportation and Communication (DOTC) and funded by the Japan International Cooperation Agency (JICA). The project aims to provide a high standard mass transport system from Bulacan to Manila. Ten (10) stations will be mostly initially constructed and five (5) additional stations are envisioned in the future.

The geotechnical report included geotechnical evaluation of four hundred eighty five (485) boreholes along the alignment. Liquefaction potential was analysed for this study, using peak ground acceleration (PGA) or 0.5g. Safe bearing pressures at 1.5m depth and estimated settlements due to consolidation were calculated for the embankment areas. For the evaluation of deep foundation system using bored piles, pile lengths were determined based on the location of the competent layer and embedded at least 3m below hard soil or rock layer.

DCCD Engineering Corporation engaged AMH to conduct geotechnical engineering assessment for the proposed Cavite-Laguna Expressway (CALAX) Cavite section. The results of the subsurface investigation for the expressway, ramp, and interchange bridges of the alignment section were evaluated. Soil liquefaction and deep foundation analysis were then carried out for this study. Axial pile capacities were calculated using semi-empirical soil mechanics approach, consistent with the procedures described in the American Association of State Highway and Transportation Officials (AASHTO) 2002. For lateral analysis, a finite-difference method to model soil-structure interaction was adopted.



DETAILED ENGINEERING DESIGN FOR MNTC SCTEX HIGH RISK SLOPES

CLIENT: MANILA NORTH TOLLWAYS CORPORATION
INDUSTRY: TRANSPORTATION
LOCATION: SUBIC-CLARK-TARLAC EXPRESSWAY (SCTEX)

AMH was previously engaged by Manila North Tollways Corporation in 2011 and in 2015 to perform a detailed inspection and inventory of critical slopes along the alignment of the Subic-Clark-Tarlac Expressway (SCTEx). Based on the results of the assessments, AMH was able to identify eight (8) high risk areas among the thirty three (33) sites along the stretch of the expressway.

MNTC engaged AMH once again to conduct and provide geodetic survey, geotechnical and geologic services, hydrologic study and drainage design, project cost estimates, and technical specifications on the mentioned high risk areas along the alignment of SCTEx.

PLANNING AND DETAILED ENGINEERING DESIGN FOR THE MES-MWTS WATER FACILITIES

CLIENT: M.E. SICAT CONSTRUCTION, INC.
INDUSTRY: INFRASTRUCTURE-UTILITIES AND MANUFACTURING
LOCATION: STA. ROSA, LAGUNA

M.E. Sicat Construction, Inc. (MES) engaged AMH to provide professional services in relation to their design build projects of water and wastewater-related facilities under the auspices of Manila Water Total Solutions. The scope of AMH included the conduct of geotechnical engineering studies of the project sites in Laguna, including the drilling of boreholes at the necessary depths and the assessment of bearing capacities, modeling of settlement and liquefaction, as applicable. The susceptibility of the soil to different geohazards were also considered and the corresponding recommendations were made. AMH likewise provided detailed engineering designs of reservoirs and pump rooms, effluent tanks and anaerobic baffled reactors for wastewater treatment. Structural modeling was done in STAAD.Pro, using guidelines for liquid containing structures as prescribed in ACI-350.



PILE TESTING AND ANALYSIS FOR THE ISGEC-CBPI LOBO LOBO BIOETHANOL REFINERY PLANT

CLIENT: ISGEC HEAVY EQUIPMENT, LTD.
INDUSTRY: ENERGY
LOCATION: SITIO LOBO LOBO, MAGALLANES, CAVITE

GEOTECHNICAL ASSESSMENT OF PUTATAN WATER TREATMENT PLANT PHASE 2

CLIENT: FREY-FIL CORPORATION
INDUSTRY: INFRASTRUCTURE – UTILITIES AND MANUFACTURING
LOCATION: PUTATAN, MUNTINLUPA

ISGEC Heavy Equipment, Ltd. engaged AMH Philippines, Inc. to conduct pile testing analysis including high-strain dynamic (PDA) pile load tests and low-strain pile integrity tests (PIT) as part of the it's EPC contract within the 25-hectare bioethanol refinery plant in Sitio Lobo Lobo, Magallanes, Cavite. The pile tests were carried out by AMH, working with Geotechnics Philippines, Inc. (GPI), and industry expert Dr. Jun Buensuceso, undertook measurements for static capacity, assessment of pile integrity, and detection of defects of completed bored piles. Based on the analysis of PDA data using CAPWAP (Case Pile Wave Analysis Programs) modelling and the evaluation of PIT records using formalized categories by Likins and Rausche, AMH provided conclusions on actual pile capacity and quality, and recommendations to maintain quality in the construction work.

The Putatan Water Treatment Plant Phase 2 is expected to provide waste water services for over 58,000 households from several barangays in Muntinlupa City. It is designed to treat up to 150 million liters of waste water per day, contributing to the clean-up of Laguna Lake. The proposed plant shall have seven main structures: Biological Aerated Filter, Ultrafiltration/ Reverse Osmosis, Biological Aerated Filter, DAF, Control Building, Genset Room and Substation, and Sludge and Chemical Building.

Frey-Fil Corporation, the one responsible for the overall design and build of Putatan STP, will undertake the civil works design of the project. In this engagement, AMH Philippines, Inc. worked on the Geotechnical Engineering Assessment for the proposed water treatment plant whose results were used as input to complete the overall design of the structures.

MINING/ENVIRONMENT



RIZAL PROVINCE WATER SUPPLY IMPROVEMENT PROJECT

CLIENT: STA. CLARA INTERNATIONAL CORPORATION
INDUSTRY: INFRASTRUCTURE-UTILITIES AND MANUFACTURING
LOCATION: CARDONA, RIZAL

REVIEW OF THE PMC TAILING STORAGE & COFFER DAM FACILITIES

CLIENT: PHILSAGA MINING CORPORATION
INDUSTRY: MINING
LOCATION: AGUSAN DEL SUR

Manila Water Company, Inc. (MWC), the main provider of water and used-water services to more than six million people in the East Zone of Metro Manila, engaged the consortium of Sta. Clara International Corporation and OTV to undertake the improvement of water services in the Rizal Province. To assure the successful implementation of the project, AMH was engaged for the full structural analysis and design of several of the facilities of the water treatment plant, including the Dual Media Filter, Wastewater Storage Tank, Sludge Dewatering Building, Intake Pumping Station, Treated Water Reservoir, and Reverse Osmosis Tank, among others. The facility is expected to treat up to 50 Million Liters per Day (MLD) of potable water, and benefit around 400,000 residents in the municipalities of the Rizal Province.

Philsaga Mining Corporation (PMC) engaged AMH for the conduct of studies related to its Tailings Storage and Cofferdam Facilities in Rosario, Agusan del Sur. The earth-dam Tailings Storage Facilities serve as containment for tailings which are part of the by-products of processing gold ore. PMC directed the conduct of due diligence studies and review of existing designs as part of its risk management initiatives. The scope of AMH included geotechnical drilling and laboratory testing, slope (limit equilibrium and finite element) modeling, seismic risk assessment, hydrologic modeling and hydraulic assessment. For this project, AMH used specialized software tools including Slide 6.0® by Rocscience, Plaxis 2D® for finite element modeling and deformation analysis, HEC- HMS by the US Army Corp of Engineers, and Civil 3D® by Autodesk.

PROPERTY



BORACAY NEWCOAST HARBOR DESIGN

CLIENT: GLOBAL-ESTATE RESORTS, INC.
INDUSTRY: PROPERTY
LOCATION: BORACAY ISLAND, AKLAN

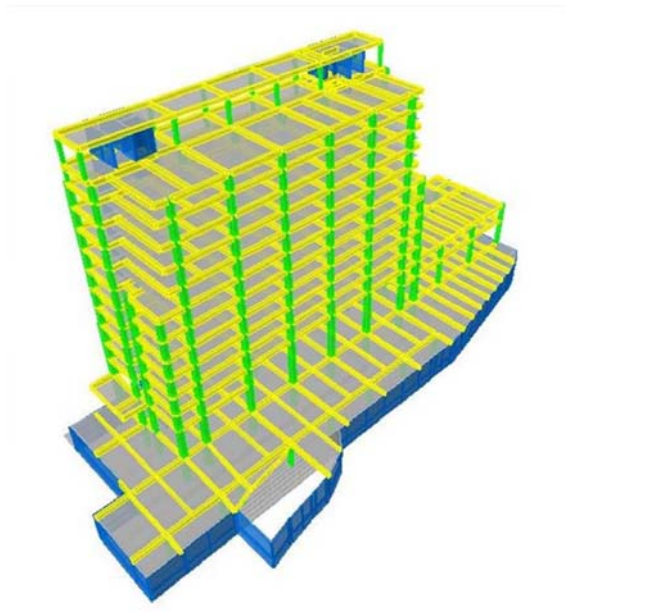
Boracay Newcoast is an integrated tourism estate located on the single largest piece of contiguous land in Boracay, making up 14% of the island. The existing resort has its own private port, located near its southernmost boundary.

This port is usable only during certain times of the year when the prevailing winds are blowing on the other side of the island. As such, the need for an 'all weather' port to service expected tourist traffic is imperative. GERI, a subsidiary of Megaworld Corporation engaged the services of AMH to undertake wave and currents modeling, coastal oceanography, develop conceptual schemes, and prepare detailed engineering designs related to the development of this proposed 'all weather' port.

STRUCTURAL ASSESSMENT AND RETROFIT DESIGN FOR ARMY & NAVY CLUB

CLIENT: OCEANVILLE HOTEL AND SPA CORPORATION
INDUSTRY: PROPERTY
LOCATION: T.M. KALAW, MANILA

AMH was engaged by the Oceanville Hotel & Spa Corporation (OHSC) to undertake the sampling, testing, structural analysis and design of the Army & Navy Club located in T.M. Kalaw Ext. in the city of Manila. Built in the 1910s and rebuilt after the war in the 1940s, OHSC intended to assess retention of the structural framing of the 6000m² structure leading towards the re-development of the historical facility. AMH undertook a full range of tests/surveys, including concrete coring, ferros scanning, rebound hammer, carbonation, radiography, crack and geotechnical outputs which served as inputs to the STAAD.Pro finite element model in the preparation of a retrofit design.



GEOTECHNICAL ASSESSMENT OF TWIN LAKES VINEYARD RESIDENCES

CLIENT: GLOBAL-ESTATE RESORTS, INC.
INDUSTRY: PROPERTY
LOCATION: LAUREL, BATANGAS

STRUCTURAL PEER REVIEW FOR AYALA DALLAS HOTEL

CLIENT: AYALA HOTELS, INC.
INDUSTRY: PROPERTY
LOCATION: J.P. LAUREL AVENUE, DAVAO CITY

Global-Estate Resorts, Inc. (GERI), a powerhouse in tourism development in the country, engaged AMH Philippines, Inc. to perform slope stability analysis for Twin Lakes Vineyard Residences. To establish the existing subsurface conditions of the site, a geotechnical investigation was conducted. The results of the investigation and assessment led to the formulation of remediation measures, which included the provision of permanent soil-nailed walls with precast panels, mechanically stabilized earth (MSE) walls, and gabion walls. In the design and calculations, AMH used the proprietary software Rocscience SLIDE, and AMH-developed MATHCAD spreadsheets.

AMH also performed the detailed engineering design of the slope protection measures for the development.

Dallas Hotel is part of the newest central business district of Ayala Land, Inc. in Davao City. This eleven-storey hotel will be the first boutique hotel project for construction outside Metro Manila. AMH was engaged by Ayala Hotels, Inc. to undertake the structural peer review of this project. Design criteria, development drawings and design parameters were reviewed. The structure, based on the development drawings, was modeled and analyzed using ETABS software package.



SICOGON JETTY COASTAL ENGINEERING STUDY AND DETAILED ENGINEERING DESIGN

CLIENT: SICOGON ISLAND TOURISM ESTATE CORPORATION
INDUSTRY: PROPERTY
LOCATION: SICOGON ISLAND, CARLES, ILOILO

LUBI PLANTATION RESORT BEACH ENGINEERING

CLIENT: TORRE LORENZO DEVELOPMENT CORPORATION
INDUSTRY: PROPERTY
LOCATION: COMPOSTELA VALLEY, DAVAO, DEL NORTE

Sicogon Island Tourism Estate Corporation engaged AMH Philippines, Inc. to conduct a coastal engineering study and detailed engineering design of a property located in Sicogon Island in Iloilo. In this project, AMH fully defined the requirements of the Client and its plans for the property such as the design boat characteristics. To provide the coastal engineering study results, AMH reviewed primary bathymetric data for the proposed location, determined the wave characteristics through coastal oceanography, identified the wave climate at the study site, and performed storm surge analysis for vertical siting of coastal structures. Moreover, AMH made use of licensed STAAD.Pro and spColumn software to provide the structural design of the jetty substructure based on the approved pier layout.

After a successful engagement for a Baseline Coastal Study with AMH Philippines, Inc., Torre Lorenzo Development Corporation (TLDC) once again involved AMH for a Beach Engineering project for the Lubi Plantation Resort. Based on the results gathered in the Coastal Study, AMH was requested to come up with the detailed engineering design of one of the groin schemes that was proposed during the previous engagement. AMH was engaged to provide the hydraulic, geotechnical, and structural design of the coastal structure to be constructed on-site. Moreover, AMH conducted an indicative cost estimate and a geotechnical study which focused on the characterization of the subsurface conditions and the allowable bearing capacities of the seabed.



FEASIBILITY STUDY FOR THE ONRI PORT EXPANSION AND RECLAMATION PROJECT

CLIENT: OMNICO NATURAL RESOURCES, INC.
INDUSTRY: PROPERTY
LOCATION: ILOCOS NORTE

TECHNICAL AUDIT AND DUE DILIGENCE FOR SKY BUILDING

CLIENT: -
INDUSTRY: PROPERTY
LOCATION: MAKATI CITY

As input to port planning and the required Environmental Impact Assessment (EIA) studies for the project, Omnico Natural Resources, Inc. requested AMH to conduct various engineering studies for the proposed development of 15ha port expansion and approximately 100 has of reclamation which will be adjacent to the existing ONRI port. The existing facilities have a loading rate capacity of 2,000 metric tons per hour, for which plans were laid to expand the port area and allow more vessels to berth and operate. In this project, AMH was engaged to perform geotechnical investigation, assessment and geohazard assessment, hydrologic and hydraulic studies (flooding and flushing modeling), coastal engineering modeling and analysis. The initial phase, for which engineering planning and designs were prepared, will showcase the use of Blast Oxide Furnace Aggregates (BOFA) for backfilling within the Phase 1 enclosure, which will be bound by sediment filled geotextile tubes (geotubes).

AMH Philippines, Inc. conducted a Confirmatory Survey and Technical Audit and Due Diligence for the forty-five story Sky Building in Makati City. The purpose of the engagement is to provide technical observations on the physical condition and maintenance of the property and to identify areas for improvement. AMH identified areas of physical deficiency and deferred maintenance and provided an estimate on the probable cost to address the identified building components for repair or replacement. Considering the eighteen years of existence of Sky Building, the results of the confirmatory survey and technical audit showed an overall good condition of the property.



STRUCTURAL PEER REVIEW OF VARIOUS AVIDA AND MDC PROJECTS

CLIENT: AVIDA LAND CORPORATION/MAKATI DEVELOPMENT CORPORATION
INDUSTRY: PROPERTY
LOCATION: VARIOUS SITES

Avida Land Corporation and Makati Development Corporation continuously engage AMH Philippines, Inc. to perform the structural peer review of their various developments all over the Philippines. In every peer review, AMH intends to utilize the review methodology which was developed based on the recommended guidelines on Structural Design Peer Review of Structures by the Association of Structural Engineers of the Philippines (ASEP). AMH makes use of updated codes, standards, and references such as the 2015 National Structural Code of the Philippines (NSCP), and the American Institute of Steel Construction (AISC), among others. AMH utilizes licensed ETABS Modeling software to conduct full structural analysis based on the documents and drawings provided by the Client.

ENGINEERING GEOLOGIC AND GEOHAZARD ASSESSMENT FOR SOLENAD 4

CLIENT: MAKATI DEVELOPMENT CORPORATION
INDUSTRY: PROPERTY
LOCATION: STA. ROSA, LAGUNA

Makati Development Corporation engaged AMH Philippines, Inc. to conduct an Engineering Geological and Geohazard Assessment for the 11-hectare Solenad 4 property located in Sta. Rosa Laguna. This is part of the Technical Due Diligence Studies with the aim of determining the suitability of the site for the proposed project development in terms of geology and the susceptibility of the project area to possible geologic hazards.

To provide the required output in this project, AMH conducted a comprehensive, multi-hazard assessment which includes seismic hazards (faulting, fault creep, ground motion, settlement, liquefaction, earthquake-induced landslides, tsunamis, seiche, sinkhole collapse, induced seismicity), fluvial hazards (inundation, flash flooding, debris flows, siltation, bank erosion and channel mitigation, scouring), mass wasting (landslides, rockfalls, rockslides), volcanic hazards (lava flows, pyroclastic flows, lahars, mud flows, debris flows, ashfall, ballistic projectiles, debris avalanche, volcanic gases, volcanic quakes, rockfalls), subsidence, and coastal hazards. Moreover, AMH incorporated climate change and disaster risk reduction in the study.



WATER SUPPLY SYSTEM DESIGN FOR AV HERNANDEZ ELEMENTARY SCHOOL

CLIENT: PHILIPPINE RED CROSS
INDUSTRY: PROPERTY
LOCATION: TONDO, MANILA

SITE DEVELOPMENT OF SAN FRANCISCO HEIGHTS AND SAN FRANCISCO PLACE

CLIENT: STATELAND, INC.
INDUSTRY: PROPERTY
LOCATION: CALAMBA, LAGUNA

Philippine Red Cross (PRC) intended to improve the water supply system of Amado V. Hernandez Elementary School in Tondo, Manila as part of its joint project with the Netherlands Red Cross called “Reduction of Child Mortality due to Diarrhea”. The goal of this project is to develop a design that shall improve the existing water supply system in the school to guarantee that the water supply will meet the demand requirements, and that there will be sufficient pressure in all of the water, sanitation, and hygiene facilities of the school.

PRC engaged AMH Philippines, Inc. to perform the water supply system modelling for the school and conduct the structural design of the water supply system components. AMH also prepared cost estimates and the detailed engineering design drawings for the said project.

San Francisco Place and San Francisco Heights are adjacent development with a total area of 40.19 has. located about 50kms south of Manila, accessible through the South Expressway, via the Calamba Exit. Stateland Inc. engaged AMH to carry out the detailed civil works design for the site development of the said residential subdivisions located at Brgy. Palo Alto, Calamba, Laguna. The objective of the consultancy services is the preparation of detailed design documents sufficient for the application for development permits and the eventual construction of the project. Specifically, AMH is undertaking analysis and design work for the roads, including road horizontal and vertical alignments; earthworks/leveling, including targeted balanced cut/ fill; pavement (recommended cross sections); combined storm drainage and sewer collection, including type of conveyance and discharge points; water system, including supply from the identified well point and distribution system, site fencing, and fire protection (hydrants).



EXISTING SITE UTILITIES STUDY FOR NORTH TRIANGLE LOT PADS PROPERTY

CLIENT: MAKATI DEVELOPMENT CORPORATION
INDUSTRY: PROPERTY
LOCATION: NORTH AVENUE, QUEZON CITY

FEASIBILITY STUDY FOR THE DAVAO CITY COASTLINE AND PORT DEVELOPMENT PROJECT

CLIENT: MEGA HARBOUR PORT AND DEVELOPMENT, INC.
INDUSTRY: PROPERTY
LOCATION: DAVAO CITY

Makati Development Corporation (MDC) engaged AMH to conduct an Existing Site Utilities Study for the proposed 2.3 -hectare North Triangle Lot Pads Property within the TriNoma Compound in Quezon City. This project is part of the Technical Due Diligence Studies of MDC which are conducted prior to site development.

In this project, AMH was requested to provide an inventory of the road network, parking spaces within the mall compound, drainage network, water supply system, electrical lines, sewerage systems, and auxiliary or communication systems within the vicinity of the project site. AMH provided utility layouts based on client-issued as-built plans and recommended possible tapping points for future utilities.

Mega Harbour Port and Development, Inc. commissioned AMH Philippines, Inc. to engage in their feasibility studies on the 214.61-hectare reclamation project in Davao City. This multi-phase project consists of two main land masses - a smaller section between Matina River (or Dumalag Point), and the mouth of Davao River, and a larger from the mouth of Davao River to the Agdao District. AMH conducted special studies which will be used for the securing of its ECC from the DENR-EMB, as well as future detailed engineering designs, through geotechnical and geohazard assessment, hydrologic (inland flooding) studies, and coastal modeling and assessment.

Our Clients

THIS YEAR



DETAILED ENGINEERING DESIGN OF SOLEN RODRIGUEZ PROPERTY

CLIENT: GREENFIELD DEVELOPMENT CORPORATION
INDUSTRY: PROPERTY
LOCATION: STA. ROSA, LAGUNA

Greenfield Development Corporation, one of the most diversified real estate companies in the Philippines, continues to develop strong partnership with AMH Philippines, Inc. through engagement in its various projects. The new site development was a 2.56-hectare Solen Rodriguez Property located in Sta. Rosa, Laguna. It allowed the addition of approximately 60 residential lots to the entirety of the Solen Development. AMH developed detailed engineering drawings for the development, and performed analysis for various slope protection schemes.

Energy/Petroleum

AES Philippines Masinloc Power Plants Ltd. Co. Alltank Solutions
Pilipinas Corporation/CSI Global

Services Corporation

Chevron Philippines, Inc.
Citicore Power, Inc.
Conergy Asia & ME Pte. Ltd.
Energy Development Corporation
Geotechnics Philippines, Inc.
Greenplains Construction
Pilipinas Shell Petroleum Corporation
Presam Construction & General Services, Inc.
Shanghai Electric Power Construction Co., Ltd.
Sta. Clara International, Inc.
Unioil Petroleum Philippines

Infrastructure-Transport

Armando U. Khong Hun General Services, Inc.
DCCD Engineering Corporation
EEI Corporation
Explor Test Corporation
Manila North Tollways Corporation
Mega Harbour Port and Development Inc.
Philipp's Technical Consultants Corporation
RS Jardin and Associates, Inc.

Infrastructure-Utilities

Cavite Biofuel Producers, Inc.
Freyfil Corporation
Kajima Philippines, Inc.
Manila Water Total Solutions MES Construction, Inc.
Omnipark Global Resources, Inc.
Philippine Red Cross
Prime Water Infrastructure Corp.

Mining

BMAC Environmental Consultancy Services Omnico Natural Resources, Inc.
Philsaga Mining Corporation

Property

ARCH Capital - TRG Asian Partners III, L.P.
ARCH Capital Property Advisors Co. Ltd. Avida Land Corporation
Bellavita Land Corporation
Blue Development, Inc.
Development Academy of the Philippines
Dynaland, Inc.
FLHong Architects and Associates Global Estate Resorts, Inc.
Greenfield Development Corporation
Makati Development Corporation
MDC Build Plus, Inc.
Megaworld Corporation
Metro South Davao Property Corporation
Newport City Estate Association, Inc.
Paref Woodrose School
Roxaco Land Corporation
Santa Maria Industrial Park Corporation
Sicogon Island Tourism Estate Corporation
SM Development Corporation

ALL Clients

A.M. Geoconsult and Associates, Inc.
AC Energy
AE Metal
AES Philippines Masinloc Power Plants Ltd., Co. Akean Resorts Corporation
ALA Engineering Consultancy
Alaska Milk Corporation
Alcantara-Ubay & Co., Inc.
Alltank Solutions Pilipinas Corporation/CSI Global Services Corporation
ALMEC Corporation
Alveo Land Corporation
Amaia Land Corporation
Angel Lazaro and Associates
Apex Mines
Araza Properties
ARCH Capital - TRG Asian Partners III, L.P. ARCH Capital Property Advisors Co., Ltd. Armando U. Khong Hun General Contractor, Inc. Asea Brown Boveri
Astron Metal Works Corporation
Atlantic Gulf & Pacific Company of Manila, Inc. Avida Land Corporation
Ayala Corporation
Ayala Land, Inc.
BB Engineers, Co.
Bellavita Land Corporation
Belle Corporation
Benguet Corporation
Berkman International, Inc.
Berong Nickel Corporation
BG North Properties, Inc.
Black & Veatch, Inc.
Blaine Corporation
Blue Development, Inc
BMAC Environmental Consultancy Services Bohol Resort Development Building Dreams, Inc.
Bushman's Retreat Real Estate Dev't Corp.
C. Molas Geotechnical Services
Camella Communities - Davao
Canlubang Golf & Country Club
Cardinal Santos Medical Center
Cavite Biofuel Producers, Inc.
CBK Power Company Limited
CCT-Toyo Consortium
Chevron Geothermal Philippines Holdings, Inc. China Harbour Engineering Co., Ltd.
Chodai Co., Ltd.
Citicore Power, Inc.
CME Technology Phils., Inc.
CMS Builders
Colinas Verdes Hospital Managers Corp. CommGroup Internal Audit Conergy Asia & ME Pte., Ltd.
Construction and Drilling Specialists, Inc. Coral Bay Nickel Corporation
Data Land, Inc.
DCCD Engineering Corporation
DDT Konstract, Inc.
Development Academy of the Philippines DLS-STI Mega Clinic
DMC Urban Property Developers, Inc.
DMCI Homes
DMCI Power Corporation
DPWH
Dynaland, Inc.
Dynamic Konstruk Enterprises
East China Electric Power Design Institute
Eastern Petroleum Corporation
Eco-system Technologies, Inc.
Edgardo T. Velasco
EEI Corporation
Empire East Land Holdings, Inc.
Energy Development Corporation
Enervantage Suppliers Co., Inc.
Engineering and Development Corporation of the Philippines Equus Property Venture
ESCA Incorporated
Explor Test Corporation
Fabriline Incorporated
FGEN Bubunawan Hydro Corporation
Fil-Estate Properties, Inc.
Filinvest Alabang, Inc.
Filinvest Crimson
Filipinas Dravo Corporation
Filminera Resources Corporation
First Balfour, Inc.
First Gen Corporation
First Toledo Solar Energy Corp
FL Hong Architects and Associates
Frey-Fil Corporation
Freysinet Filipinas Corporation
GenOSI, Inc.
Geotechnics Philippines, Inc.
Global Estate Resorts, Inc.
GNPower Ltd., Co.
Grandt Planners, Inc.
Grantline, Inc.
Greenfield Development Corporation
Greenplains Construction
Greenstone Resource Corporation
Guagua National Colleges
Hanjin-EEI Joint Venture
Hausplus Ventures, Inc.
Hazama Corporation
Highlands Prime, Inc.
Holcim Philippines, Inc.
ICRA Management Consulting Services, Ltd.
International Atomic Energy Agency
IronCon Builders and Development Corp.
ISGEC Heavy Equipment Ltd.
Isla LPG Corporation
J&M Properties and Construction, Inc.
J.H. Patawaran Construction Co.
J.M. Aquino PC
Jolliville Holdings Corporation
JTKC Land, Inc.
Juan Sajid Imao
Kajima Philippines, Inc.
KE Asia, Inc.
Keyland Corporation
Knight Piesold Pty. Ltd.
Konstruktura Centro, Inc.
Lafarge Cement Services, Inc.
Lapanday Properties Philippines, Inc.
LCPI Contractors (Philippines), Inc.
Leganes Development
Leighton Contractors Philippines, Inc.
Liberty Commercial Center, Inc.
Line Seiki Phils., Inc.
Local Government of Naga City
MAB Consultants

Macro Asia Corporation
 Makati Development Corporation
 Manila Electric Company
 Manila Mining Corporation
 Manila North Tollways Corporation
 Manila Prime Holdings, Inc.
 Manila Water Total Solutions
 MB Maligaya Construction
 MDC Build Plus, Inc.
 Meadowland Propertys, Inc.
 Mega Harbour Port and Development, Inc.
 Mega Philippines, Inc.
 Megaworld Corporation
 MES Construction, Inc.
 Metro Industries
 Metro South Davao Property Corporation
 Mil-Oro Mining Corporation
 Miriam College Foundation, Inc.
 Mitsubishi Corporation
 Moldex Residences Incorporation
 Muhibbah Engineering (Philippines) Corporation National
 Grid Corporation of the Philippines Newport City Estate
 Association, Inc.
 Northeast Electric Power Engineering Co. NorthPine Land,
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 Notre Dame de Vie Institute
 NT Philippines, Inc.
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 Omnipark Global Resources, Inc.
 Ongching Realty and Development Corp.
 OTV Veolia
 P.A. Alvarez Builders, Inc.
 PacificTech Solutions
 Palafox Associates
 Pall Roces Corporation
 Peref Woodrose School
 PEG South East Asia, Inc. (PEGSEA)
 Petron Corporation
 Philippine Hybrid Energy Systems Inc.
 Philippine Recyclers, Inc.
 Philippine Red Cross
 Philipp's Technical Consultants Corporation Philkoei
 International, Inc.
 Philsaga Mining Corporation
 Phoenix Petroleum Philippines, Inc.
 Pilipinas Shell Petroleum Corporation
 Plaza Business Venture Corporation
 PNOG
 PowerSource Philippines Development Corporation Presam
 Construction & General Services, Inc. Primary Properties
 Corporation
 Primary Structures Corporation
 Prime Water Infrastructure Corp.
 PRIMEX, Inc.
 Quantity Solutions, Inc.
 Radiowealth Finance Co., Inc.
 Shanghai Electric Power Construction Co., Ltd.
 Shell LPG
 Shimizu - FF Cruz JV
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 Sicogon Island Tourism Estate Corporation
 Silent Option Engineering
 SM Development Corporation
 SM Prime Holdings, Inc.
 SN Aboitiz Power
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 Taft Properties Venture Development Corporation Tagaytay
 Highlands International Golf Club, Inc. Takashio Powers International
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 Tamahay Development Corporation
 TAO-Pilipinas, Inc.
 TCGI Engineers
 Ten Knots Philippines, Inc.
 Terrinell Scales, Inc.
 Torre Lorenzo Development Corporation
 Total (Philippines) Corporation
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 Oil and Energy Development Corporation Tugade Associates, Inc.
 Ulticon Builders, Inc.
 Unioil Petroleum Philippines, Inc.
 UP PLANADES
 Urban Integrated Consultants, Inc.
 US Embassy Manila
 Vancouver Lands, Inc.
 Vinnell-Belvoir Corp.
 Wack Wack Residents Association, Inc.
 Wayang Windu
 Wilhelmina Roa Clavano
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 Liberty Commercial Center, Inc.
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 Manila Water Total Solutions
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 Mega Harbour Port and Development, Inc.
 Mega Philippines, Inc.
 Megaworld Corporation
 MES Construction, Inc.
 Metro Industries
 Metro South Davao Property Corporation

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Omnipark Global Resources, Inc.
Ongching Realty and Development Corp.
OTV Veolia
P.A. Alvarez Builders, Inc.
PacificTech Solutions
Palafox Associates
Pall Roces Corporation
Paref Woodrose School
PEG South East Asia, Inc. (PEGSEA)
Petron Corporation
Philippine Hybrid Energy Systems Inc.
Philippine Recyclers, Inc.
Philippine Red Cross
Philipp's Technical Consultants Corporation Philkoei International, Inc.
Philsaga Mining Corporation
Phoenix Petroleum Philippines, Inc.
Pilipinas Shell Petroleum Corporation
Plaza Business Venture Corporation
PNOC
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Primary Structures Corporation
Prime Water Infrastructure Corp.
PRIMEX, Inc.
Quantity Solutions, Inc.
Radiowealth Finance Co., Inc.
RAMCAR
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Riofil Corporation
Rockwell Land Corporation
Roxaco Land Corporation
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Santa Maria Industrial Park Corporation
Schema Konsult, Inc.
Scientific Ink Engineering Consultants
Sea Pine Construction Corporation
Shanghai Electric Power Construction Co., Ltd. Shell LPG
Shimizu - FF Cruz JV
SHJ Development Corporation
Sicogon Island Tourism Estate Corporation
Silent Option Engineering
SM Development Corporation
SM Prime Holdings, Inc.
SN Aboitiz Power
Sobek Engineering Pty. Ltd.

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Highlands International Golf Club, Inc. Takashio Powers International Corp.
Tamahay Development Corporation
TAO-Pilipinas, Inc.
TCGI Engineers
Ten Knots Philippines, Inc.
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Torre Lorenzo Development Corporation
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Oil and Energy Development Corporation Tugade Associates, Inc.
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Vinnell-Belvoir Corp.
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SGS Philippines, Inc.

ISO Certifying Body

Philippine Veterans Bank

UP Diliman Branch

Land Bank of the Philippines

Philcoa Branch

Banco De Oro

Katipunan Branch

Bank of the Philippine Islands

Katipunan Branch

Philippine National Bank

UP Diliman Branch

Metrobank

Acropolis Branch

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