

Ferdinand S. Adriano

MECHANICAL DRAFTSMAN



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Zone 71 St. 892 Building 18 Villa 16

Career Objective: To excel and grow in a professional environment that gives me opportunity to work on the emerging technology and widen my spectrum of knowledge and follow the career path to excellence in a progressive organization. To be able to utilize my skills and expertise to achieve new milestone in my career and be efficient for the organization.

WORK EXPERIENCE

○ SEPTEMBER 2024 - PRESENT

STRABAG QATAR WLL
DRAFTSMAN

Roles & Responsibilities:

- Creating accurate CAD drawings from hand sketches, verbal instruction and site visits.
- Seamlessly integrating and working with project managers design consultants and sub-contractors to produce and alter drawings.
- Printing CAD drawings in various formats and packages and delivering them to the correct contract in a timely manner
- Shop drawings, As-built and RLM updates
- Close out of OCS

○ MAY 2024 – SEPTEMBER 2024

Erga Qatar
MECHANICAL CAD DRAFTSMAN

Roles & Responsibilities:

- Providing design layouts for the following discipline: HVAC, chilled water system, Drainage, water supply and firefighting system
- Calculating duct sizing using MC Quay for resizing of duct

Key Projects: Lusail Tower| Tower 4| Podium 1 and 2

○ MARCH 2017 – MARCH 2024

Qatar Building Company
MECHANICAL CAD DRAFTSMAN

Roles & Responsibilities:

- Manage and oversee the day-to-day production of drawings, keep track of all submitted and unsubmitted shop drawings.
- Creating layout drawings for mechanical equipment, process piping, sanitary piping, fire protection, rainwater piping, underground piping, etc. for infrastructure buildings such as pump

stations, and other facilities.

- Coordinates building piping and other related mechanical related things with the civil/structural and other project disciplines as necessary.
- Producing equipment layouts based on the approved vendor's drawings, such as AHU, FCU, storage tanks, generators, vessels, pumps, valves, pipes, and other related mechanical equipment.
- Creating external service drawings for wet & dry utilities, hydrants, sewer pipes, valve chambers, and external mechanical piping.
- Produces precise CAD drawings, including single-line schematic for plumbing, potable water piping diagrams, installation details, and more, from hand sketches, verbal directions, and site visits.
- Utilization and understanding of supplier's equipment drawings/information in substation designs, single line schematics, equipment lists, and construction of BOM.
- Conduct site visits as required to measure and verify existing conditions.
- Installation detailing of mechanical equipment, 900mm cast iron piping, hot & cold water, HVAC ducting, chilled water piping, cable galleries, bus ducts, and etc.
- Process piping and Instrumentation diagrams like process, hook-up, Scada, field instrument signals, manual/motorized valve actuators, and chlorination system diagram drawing experience.
- Development of water treatment plant general arrangement, pump rooms sections views, pipe trenches, wet and dry cabinets plans & sections, site plans using geographically referenced design.

Key Projects: Qatar Naval Base Project (Qatar Armed Forces) | Qatar Container Terminal Packaged 1 & 2 (QTerminal) | Berth Area Substation| Telecommunication Building| Compressed Air Building| Potable Water Pump Station| Service Point Station Substation 1to 5| Marine Fuel Diesel and Land Fuel Diesel Building| Foul Water Substation| Sea Water Substation

○ MAY 2013 – FEBRUARY 2017

Mercury MENA Qatar
MECHANICAL (MEP) CAD DRAFTSMAN

Roles & Responsibilities:

- The MEP Team Leader will oversee the planning and scheduling of all resources required to deliver the service and ensure that the daily work orders are completed in a timely manner.
- Setting up architectural and civil drawings to be used as base drawings for mechanical and electrical building services.
- Coordinating the drawings for all building services, such as the mechanical, electrical, and sanitary/water utilities.
- Coordinates building piping and other related mechanical related things with the civil/structural and other project disciplines as necessary.
- Producing equipment layouts based on the approved vendor's drawings, such as AHU, FCU, storage tanks, generators, vessels, pumps, valves, pipes, and other related mechanical equipment.
- AUTOCAD MEP Coordinator

Key Projects: Hamad International Airport formerly known as New Doha International Airport| Duty Free Warehouse| Inflight Duty-Free Store| Qatar Foundation Education City – Qatar National Library

○ April 2011 – May 2013

Target Rotary LLC Qatar
MECHANICAL (MEP) CAD DRAFTSMAN

Roles & Responsibilities

- A typical design was adjusted to meet the needs of a particular project by interpreting customer instructions.
- Creating mechanical drawings for heating, cooling, and air conditioning systems, chilled water piping, fire prevention, and refrigerant piping, among other things.
- Giving the design engineers' comments on the issues and requirements of the client.
- Producing all fundamental and intricate drawings required for installation work on the job site.
- Generating electrical (high voltage, medium voltage, low voltage, ELV, lighting, small power, security, fire alarm, instrumentation, and telecom) drawings.

- Maintaining a high level of work quality in accordance with the client's CAD standards and following the project specifications.
- Assist drafters in creating electrical and mechanical shop drawings before they are implemented on the job site. As a result, more precise technique installation information is available.

Key Projects: Hamad International Airport formerly known as New Doha International Airport (CP-95 and CP-96)| CP-95(CSD,HVAC,Plumbing)| Medical Center. Admin A and B Building Pump Room, Gate House| CP-96 (CSD,HVAC,Plumbing) Solid Waste, Hangar, Substation, Handling Facilities, Terminal A(VIP)|

○ January 2009 – March 2011

WSP ASIA (PHIL) INC **CAD DRAFTSMAN**

Roles & Responsibilities

- Assisting other CAD draftsmen to make sure they adhere to standards.
- The MEP Team Leader will oversee the planning and scheduling of all resources required to deliver the service and ensure that the daily work orders are completed in a timely manner.
- Setting up architectural and civil drawings to be used as base drawings for mechanical and electrical building services.
- Verifying that the incoming client drawings adhere to the criteria and requirements of the document controller.
- Maintaining WSP Asia (Philippines) Inc.'s high standards for quality, adhering to client-specific CAD specifications, and meeting project objectives.
- AutoCAD Encoder for all M&E Building Services:
- Electrical (HV, LV, Lighting, Power, Fire Alarms, Security, etc.)
- Mechanical (HVAC, Chilled Water System, Heating System, Fire Protection Systems & BMS
- Public Health (Drainage Systems, Rainwater Systems, Hot & Cold-Water Services, LPG Services etc.)

Key Projects: UK Projects RBS (Royal Bank of Scotland) | North Staff| UK Supreme Court| The Shires Leicester| Hummersknott School| Al-Shaqab| Stansted International Terminal Expansion| Walsall Manor Hospital| 55 Mansell Street| Aldgate| Wolverhampton Shopping Centre| Anglia Ruskin University| T5 CIP Lounges| PSDA Site 12 & 13| Gosh Infrastructure| Netcare Preston| Ninewells Hospital| DC3 Broadlands Laurel Farm| Park Street| Princess Quay Hull| High Street Hounslow| D2 Barrack Street Norwich| Bourne Mouth Airport| IBM North Harbaugh

○ APRIL 2007 – DECEMBER 2008

ONE ZONE ASIA (PHIL) INC. **CAD DRAFTSMAN**

Roles & Responsibilities

- Prepares Mechanical (HVAC), Electrical, Plumbing, Fire protection Drainage system (MEPF), Civil, Structural and Architectural CAD drawing as required by the Engineers and Directors for various projects.
- Production of design of plans from clients and as per the Engineer's specifications, sketch, and mark ups with proper coordination
- Revision and updating of the design plans and converting raster files to design files.
- Manage and maintain the record of all incoming and outgoing drawings from the office in accordance with the Company Assurance procedures.

Key Projects: DUBAI METRO RAIL (18 buildings and site development services) |Plumbing & Drainage| Fire protection & Mechanical duct works double line| Electrical lighting layout, Fire alarm and

power layout| Detailing, blow up detailing, Sectioning, CSD Sectioning and CSD| **ADDHOC**| London Clinic| TBA IBM New Castle| Clancy project| HL Leeds University| BTG Lift Ashton Primary Care Center| HL Project Fusion| Royal London Hospital| HL One New Change| JMF Maddox Street| Minworth Industrial Park

○ OCTOBER 2006 – MARCH 2007

DEZINE TRADING & TECHNOLOGY INC.
AUTOCAD OPERATOR DETAILER

Roles & Responsibilities

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- ▢ 3D modeling of proposed structure using 3D related software.
- ▢ Interior designing of proposed offices and residential projects.
- ▢ Exterior designing of proposed offices and residential projects.
- ▢ Encoding of structural projects from Singapore.
- ▢ Structural detailing of projects in Singapore.

EDUCATIONAL ATTAINMENT

Tertiary	1998-1999	Central Colleges of the Philippines Sta. Mesa, Manila Philippines (B.s. Architecture)
	1999-2003	Nueva Ecija University of Science and Technology Cabanatuan, City Philippines (B.s. Architecture)
Secondary	1994-1998	College of the Immaculate Conception Cabanatuan,City Philippines
Primary	1988-1994	College of the Immaculate Conception Cabanatuan,City Philippines

CHARACTER REFERENCES

Available upon request

I hereby certify that the above information is true and correct to the best of my knowledge and belief.

ADRIANO, FERDINAND
Applicant