



# MUHAMMAD BAHRAN



## OBJECTIVE

Professional and career oriented personality. Aim to produce work of highest quality and Standard in conformance to methods of construction, safety and specifications. Accomplished and responsible CAD Draftsman with a stellar record of client satisfaction. Adept at handling multiple projects simultaneously. Vast and deep knowledge of all drafting software and techniques.



## CONTACT

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Current Address	Abu Dhabi, UAE
Nationality	Pakistani
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## EDUCATION

DAE 2010 - 2012	Wah British Institute of Technology, Taxila Passed DAE in Civil with 70%.
Matriculation 2009 - 2010	F.G Boys High School No 7, Wah Cantt. Passed Matric with 60%.



## SOFTWARE EXPERTIES:

Autodesk AutoCAD	Sep-2010 to till date
Autodesk Civil 3D	Feb-2017 to till date
MS-Office (Word and Excel)	Oct-2008 to till date
LISCAD 10.0	Dec-2018 to till date
Google Earth Pro	Dec-2018 to till date
Trimble Business Center	Dec-2020 to till date
Global Mapper 13	Feb-2019 to till date



## PROFESSIONAL SKILLS & RESPONSIBILITIES

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### ● LISCAD

- Familiar to import survey data to process it and convert into dwg format.
- Able to make model surface to design routs/ alignments for different purposes.
- Able to generate contours at required interval and export into dwg format.
- Able to make interpolation of points as required grid interval with model surface elevations.
- Familiar to create alignments and generate profiles for these alignment at given interval.
- Familiar to generate earth work volume reports.
- Export point information as x y z triplet.

### ● Land Survey Data Processing Responsibilities

I am experienced person who can process many types of GNSS, GPS (Static/RTK), Total Station and (Digital) precise leveling survey data.

- Responsible to process daily survey job of RTK type for Topographic Survey Drawing.
- Responsible to highlight/ mention/ reduce survey errors.
- Responsible to provide pre-survey data to run survey work.
- Responsible to process STATIC survey data for new project or to make new control network.
- Responsible to process and compare GNSS and (Digital leveling) Spirit Level data to each other.
- Responsible to combine GNSS and Total Station survey data to proceed survey/ drawing works.
- Responsible to produce earth work (quantity) reports by topographic survey.
- Responsible to process LIDAR (SCAN MASTER) data and digital photogrammetry.

### ● Land Surveyor /Draftsman Skills and Responsibilities

Working as a Land surveyor & Draftsman in my company I am responsible to submit all "As-built, Topographic, Shop, plan and section "survey drawings & ITR, RFI timely.

- Responsible to check junior draftsman's works and devalue their errors in future.
- Responsible to submit neat clean valuable drawing as per market requirements.
- Work with Model Surface in AutoCAD Civil 3D.
- Work with Autodesk Civil 3D for Interpolation, Contouring, Profiling and Surface Sectioning.
- Work with Cloud data in Autodesk Civil 3D for LIDAR DATA modeling.
- Work with Autodesk Recap for LIDAR data processing.
- Proficient work with Topcon Scan Master to process LIDAR data.
- With the help of Autodesk Revit, I generate As-built plan, Section and different type of 2D and 3D orthographic and oblique views.

## AutoCAD Expertise

- Broad knowledge about printing with appropriate scale or blue printing.
- Incredible knowledge to solve AutoCAD errors and command on different CAD versions historically.
- In-contact with Autodesk experts since 2014.
- Broad knowledge about AutoCAD coordinate system or planes.
- Familiar with different types of views and UCS systems.
- Easy to work in 3D or 2D work spaces.
- Easy to draw 2D models and convert it to 3D with perfection.
- Familiar to export object properties as table format.
- Familiar with AutoCAD older versions (2006 and before) as well as latest (2021).
- Can modify command and settings of and work with different insertion units and systems.
- Able to create and modify blocks (block attribute, dynamic block, nested block etc.).
- Able to work in different types of (own created or standard) views.
- Familiar to work CAD links (table, hyperlinks and attachments).
- Familiar to import and export survey point (excel to cad and vice versa).

## Autodesk Civil 3D Expertise

- Familiar to insert survey point data in different ways into civil 3D with different (own created/ standard modified) styles.
- Easy to make different style for different stage of works such as points, surface, Align-mint, Profile etc. as per requirement.
- Able to generate and modify contouring as per client requirement with required style and interval.
- Able to create interpolation of point for one or more surface as required interval.
- Able to work with different ways of alignment and its modification.
- Familiar with profile and section generated by specific alignment/surfaces.
- Able to make geo-referenced drawing and export to different file systems as per requirement.
- Familiar with road/ canal assemblies used in civil 3D.
- Make earth work reports using report manager (parcel).

## MS-Office

Experienced working on word and excel by using latest version techniques to minimize time frame and reasonable/ appropriate data submittals.

- Using excel for survey data processing in different formats such as Exl, csv, txt etc.
- Preparation of drawing submittal and quantity/ survey reports with the help of word and excel using their tables and picture formatting's.
- Familiar with power point working environment to make presentations for a submittal.
- Familiar to make office and Autodesk linking as various formats.
- Believe on short keys to minimize time frame of work.



**FUJIAN SURVEY & GEO RESEARCH**  
فوجيان للمسح والبعث الارضية

- ETIHAD RAIL 2c
  - Process surveying of the site, collect data as per mentioned skills, establish control point and submit to responsible departments as per ISO certification submittal.
  - Perform digital traverse leveling under the direction and guidance of the Engineer in charge.
  - Perform Static Survey to produce a high accuracy post-processed coordinate for an unknown position on the surface of the earth Using software CIVIL 3D & Trimble Business center.
  - Check Contractor's establishment of the primary horizontal and vertical control points including reference points and reference ties for re-establishing the points in the field.
  - Supervise the Contractors surveying staff.
  - Record discrepancies or technical problems to the Engineer in charge.
  - Coordinate with the Contractor's Surveyors on work priorities and schedule.
- ETIHAD RAIL 2b
  - Perform topographic surveys either with a surveying-quality GPS unit, or with an electronic EDM instrument.
  - Check completed work for conformance to the line and grade required by the project plans in coordination with the inspector assigned in the work.
  - Perform regular checks of the Contractor setting out to verify proper execution and accuracy.
- ADNOC ONSHORE.
  - Prepare the topographical survey data, making profile Every 1 km and train molding Using Civil 3d.
  - Perform digital traverse leveling & Static Survey using software Trimble Business center under the direction and guidance of the Engineer incharge.

- Perform Static Survey to produce a high accuracy post-processed coordinate for an unknown position on the surface of the earth.
- Maintain equipment in proper condition and perform frequent calibration checks.
- Review and comment appropriately to RFA's as received from the contractor, when directed by the Engineer.
- Review and comment appropriately to shop drawings received from the Contractor, when directed by the Engineer.
- Ensure that the works are being constructed to the latest construction and shop drawings.

○ Phase	RUWAIS TO HUSHBAN
○ CLIENT	ADNOC OIL AND GAS
○ Survey Tenure	Feb-2021 to April -2021

### ● MAJOR JOB RESPONSIBILITIES

- Process surveying of the site, collect data as per mentioned skills, establish control point.
- Perform digital traverse leveling under the direction and guidance of the Engineer in charge.
- Perform Static Survey to produce a high accuracy post-processed coordinate for an unknown position on the surface of the earth.

## CITY SURVEY



- ARCHITECTURAL DRAFTSMAN & SURVEY COORDINATOR
- Sep-2016 to Dec-2020

### ● PROJECT MAIN PROPERTIES

○ Phase	AL DHAFRA REGION MUNICIPALITY, ABU DHABI
○ CLIENT	DRM ABU DHABI
○ Tenure	23/Sep/2016 to 12/Dec/2020

### ● MAJOR JOB RESPONSIBILITIES

- In the municipality working on the different types of request and different types of survey
- Plot Boundary and Inside Building All Floors.
- Set Out Qibla Direction as per Coordinate of Qibla.
- Demarcate All Corners of Plot and Survey Conflict on the Boundary of Plot, Utilities Required.
- Topographic Survey for Data Base Updating Survey Whole Area.
- Survey Plot Boundary and Buildings inside It for Plot Division.
- Survey Plot Corner and Foundations inside it.

- Topographic Survey of Entire Area with Elevation.
- Check Dimension and Design of Plot Walls, Rooms, etc.
- As Built Survey Plot Boundary and inside Building, Utilities, etc.
- Underground Utility Survey, Topographic surveys, Cadastral survey, as built survey.
- Establishment of control stations and benchmarks by precise or different leveling types.
- Survey of Strom water pipe line, Sewerage line, Ducts Level for concrete, Floor.
- Creating/review and updating daily reports.
- Checking the cross section for as built drawing.
- Prepare the as built drawing.
- Prepare the Submission Drawing.

## ○ ONSHORE WORK

27 islands of Al Dharfa Region, focal islands are:

Deqalah Island, Qareen Al Aish Island, Marawah Island, Umm amim Island, Al Fiyay Island, Khasbaat Al Reem Island.

Different duties:

- Topographic Survey for Data Base Updating Survey Whole Area.
- Photography of whole Islands.
- Prepare the plaining and Presentation of islands.

## **RAPID CONSTRUCTION PVT. LTD**



- SUPERVISOR
- Jan 2014 to Jan 2016

## ● PROJECT MAIN PROPERTIES

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|-----------------|--|
| ○ Project       | Boys & Girls Hostel                            |
| ○ CLIENT        | Pakistan Ordains Factories Wah Cantt Pakistan. |
| ○ Survey Tenure | Jan-2014 to Jan-2016                           |

## **MAJOR JOB RESPONSIBILITIES**

- Coordinate tasks according to priorities and plans.
- Produce schedule4s and monitor attendance of crew.
- Allocate general and daily responsibilities.
- Supervise and train workers and trades people.
- Ensure manpower and resources are adequate.
- Guarantee all safety precautions and quality standards are met.
- Supervise the use of machinery and equipment.
- Monitor expenditure and ensure it remains within budget.
- Resolve problems when they arise.
- Report on progress to managers, engineers etc.



## AWARDS

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### APPRECIATION AWARD

2017, 2018

Al Dhafra Region Municipality (Al Marfa)



## REFERENCE

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### MUHAMMAD ALI AL GHANEM

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DRM Marfa Abu Dhabi

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### SYED MAJID HUSSAIN SHAH

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## UNDERTAKING

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I declare that all mentioned information in my CV are corrects to the best of my knowledge. If I get a chance in your esteem organization I will utilize my all knowledge and strength for the company's good.