

Alaa Mohamed Ali EL-Agami

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Marital Status : Married

DRAFTSMAN CIVIL3D

PROFESSIONAL SUMMARY:

Skilled Civil 3D Draftsman with over 15 years of experience producing high-accuracy engineering drawings for large-scale housing and infrastructure projects. Proficient in Civil 3D, AutoCAD, Land Desktop, Ezysurf, and Surfer for surface modeling, road design, and detailed topographic mapping. Strong expertise in cut-and-fill calculations, building level coordination, and preparing precise as-built drawings. Adept at integrating and coordinating infrastructure and landscape plans to ensure accuracy, efficiency, and full compliance with project standards across multi-million-square-meter developments.

SKILLS

Computer skills:

➤ Computer Literacy

- ✓ Designed Grade Surface Plans to match Building and Landscape Design Levels.
- ✓ road design
- ✓ Issuance of Topographic maps, calculation of quantities of cut and fill for sites
- ✓ Downloading, processing and plotting of data using total station software
- ✓ Processing and plotting of Data and making of As-Built

By using: CIVIL 3D & Auto CAD & Land desktop & Ezysurf & Surfer

EXPERIENCE

Apr 2016 – Up to Now -Contracting& Construction Enterprises (ABV)

Design coordinator Draftsman Civil3D

❖ Project **SOUTH BORDER HOUSING PROJECT**

Consists of projects

- Security Forces Medical center, at Riyadh and Jeddah (3,000,000 m²)
- South and Eastern Border Housing Projects for Ministry of Interior (MOI):
 - 1- Al-Qahma Housing Project (500,000 m²)
 - 2- Abha Housing Project (180,444 m²)
 - 3- Dhahran Al-Janoub Housing Project (930,175 m²)
 - 4- Aradah Housing Project (500,000 m²)
 - 5- Al-Batha Housing Project (495,017 m²)
 - 6- Salwa Housing Project (1,103,314 m²)

Key Responsibilities:

- Designed Grade Surface Plans to match Building and Landscape Design Levels.
- Provided levels to Infrastructure and Landscape Plans to ensure seamless execution.
- Calculated Cut & Fill quantities and prepared Road Profiles and Cross Sections.
- Designed road connections.
- Ensured technical support for roads and landscaping, and conformity with infrastructure plans.
- Designed Grade Surface Plans to match Building and Landscape Design Levels.
- Topographic maps and calculation of quantities.
- Calculations of building levels.

Nov 2013 – Oct 2015 Contracting& Construction Enterprises (CCE)

Design coordinator Draftsman Civil3D

- 1- **Project DATA CENTR- (King Abdullah Financial District)**
SR 640 million project with covered area of 2200 m²
- 2- **Project DURMA**
SR 830 million project with covered area of 1,250,000 m²
- 3- **Project Hotel (ITCC)**
SR 510 million project with covered area of 8000 m²

Duties and Responsibilities:

- Issuance of all the spatial coordinates of the site.
- Marking & coordination of position of all electro-mechanical equipment in the ceiling such as lights, AC grills, smoke & heat detectors etc.
- Follow up of site activates to ensure correct position of all items.
- Preparation of as-built for the building.
- Review of cross sections for as-built drawings.

Nov 2009 – Nov 2013 Saudi Binladin Group Building &Airports Division SBG (PBAD) **Draftsman Civil**

1. **Project King Saud University Girls University City**
SR 8.3 billion project with area of 1,232,000 m²
2. **Project King Abdullah Financial District (KAFD)**

Duties and Responsibilities:

- Issuance of topographic maps and calculation of quantities of cut and fill of the site using Civil 3D.
- Calculate quantities of excavation, backfill etc.
- Arranging of AutoCAD drawings at correct position with reference to global coordinates, marking of coordinate s for required points, and preparing coordinate data for downloading to surveying instruments.
- Marking of coordinates & levels at site for required points
- Follow up of all activities on site ensuring correct location & levels
- Checking and settings of requested coordinates & levels.
- External work sewage & manholes & tanks.....etc.

Jan 08 – Nov 09 Shafei Contracting Co. **Draftsman**

- Working with technical department as AutoCAD Draftsman (architect – construction).
- Preparation of as built drawings for site.

EDUCATION

Helwan University Cairo, Egypt (2004-2007)
Bachelor of Technology electricity from Faculty of Education industrial

COURSES

The advanced AutoCAD (2D - 3D) **El-Mansoura University, Egypt**

Language: Arabic & English

Personal Skills: Excellent Communication skills & Teamwork, team leader.