

FICHE DE POSTE**FICHE DE POSTE**

1 - Job title: *DESSINATEUR ARCHITECTURAL*

3 - Department : *CIVIL OFFICE*

5 - Workplace: *SD CITY*

6 - Hierarchical relationships:

Immediate supervisor: ARCHITECT SENIOR

Potential replacement:

Authorized to replace: ...

I - MISSIONS

Specializing in architectural plans, building drafters provide technical translations of construction projects, working closely with architects and engineers. Architectural drafters are responsible for producing detailed drawings for various projects, ranging from residential buildings to commercial complexes. They must ensure that plans comply with construction standards, local regulations, and their supervisor's requirements.

II - TASKS

1 - Priority tasks:

- ✓ Create and produce CAD/CAM designs for new products, parts, or infrastructure, from preliminary design to final plans.
- ✓ Analyze existing conditions and conduct cost, feasibility, and sizing studies to ensure project viability.
- ✓ Produce and modify systems, assemblies, and subassemblies, strictly adhering to specifications and applicable standards.
- ✓ Functionally rate the completed plans to ensure their compliance and clarity for the technical teams.
- ✓ Create detailed drawings of architectural designs and plans provided by architects.
- ✓ Optimize existing solutions or design new solutions based on technical specifications and identified constraints.
- ✓ Develop comprehensive technical documents, including detailed plans, overviews, implementation plans, and layout diagrams necessary for completion.

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- ✓ Perform all calculations of the dimensions of the structures to be built.
- ✓ Preparation of architectural plans.

2- Tâches secondaires :

- ✓ Design of architectural and technical plans for construction

III – TERMS AND CONDITIONS OF USE

1 - Working conditions:

- ✓ Ability to work with all department heads, as part of a team, and according to the company's established working hours
- ✓ Ability to work at all SENEGINDIA sites and all its subsidiaries

2 - Required skills and abilities:

- ✓ Solid knowledge of building materials (nature, dimensions, strength)
- ✓ Perfect command of 3D simulation and computer-aided design software.
- ✓ Good computer skills.
- ✓ Proficiency in CAD software (AutoCAD, Revit, ArchiCAD, ketchup, Photoshop, MS Office, etc.)
- ✓ Ability to read and interpret architectural and technical plans
- ✓ Good knowledge of local building codes and regulations
- ✓ A solid foundation in building regulations and urban planning.
- ✓ A good understanding of the construction industry.
- ✓ Be adaptable.
- ✓ Rigorous and responsive mindset.
- ✓ Have the strength to make proposals and take initiative.
- ✓ Respect for work and deadlines.
- ✓ Stress resistant.
- ✓ High work capacity
- ✓ Excellent team spirit.
- ✓ Ability to multitask and meet deadlines

3 - Academic Background & Experience:

- ✓ Graduate of a leading engineering school with a specialization in building and architecture, minimum 1 to 3 years of experience in the field.