END TERMS WITH POSSIBLE EXPERIENCE ASPECTS FOR ALL DISCIPLINES

Please note: these experience aspects are <u>examples</u> that serve to clarify which experience aspects <u>might</u> be part of an end term. This varies per discipline, per office, per project, per person. It is just a general idea of the type of experience aspects for each end term; take your own situation as a reference point.

AREAS OF COMPETENCE

Competence A: Attitude

Is able to adopt a professional position through an exploratory, reflective and conscious approach, within the relevant historical, cultural, social and ecological contexts, now and in the future	capable	The candidate describes briefly how he/she wants to position him-/herself as an architect in the future. This could be a certain specialism or a wider perspective, how to deal with social context etc. (max. 150 words)

Competence B – Management

Understands the long-term sustainability of a company or organisation.	understand	Describe the management of the office. How does it acquire projects, how are all resources deployed, how does the organization work as a 'machine'? Who are the clients, how do decisions influence the project further down the line? (max. 150 words)

Competence C – Communication

Possesses social, verbal and non-verbal, written and audio-visual skills to communicate effectively and convincingly.	capable	The candidate describes briefly how he or she wants to put his or her communication skills to use as an architect and where communication techniques may still be acquired or improved. (max. 150 words)

PROJECT PHASES

Phase 00 – Commission

		possible experience aspects
E1. Possesses strategic and communicative skills and tools needed to build up a reputation and to convincingly articulate a vision and opinion, with the aim of securing a commission.	capable	– preparing and/or attending marketing presentations (presentation of office or organization) both with respect to content and strategy; – preparing and/or attending project presentations for selections, both with respect to content and strategy; – gaining insight in writing a proposal (content); – attending and participating in a networking event; – attending and analyzing a public lecture of the office or organization; – ….
E2. Is familiar with contract agreements and selection and tender procedures as a designer or advisor.	understanding	– gathering knowledge of contract negotiations and gaining insight in writing a proposal (content, project planning, fee); – taking note of professional rules and regulations (DNR, CR) and understanding when to apply which; – gaining insight in aspects such as insurances, copyrights, legal counsel, role and position of designer / advisor; – taking note of different types of selections: European tender, direct procedures, multiple commissions, competitions, and the different stages, distribution of roles, criteria and assessment; – taking note of different types of contracts: DBFMO, Design & Construct, etc and of (new types of) funding; – ….

Phase 01 – Initiative / feasibility

		possible experience aspects
E3. Is able to analyse and assess the feasibility of the ambitions and wishes of the client within their historical, social, spatial, ecological, technical, aesthetic and financial contexts in order to offer effective advice.	capable	Analyzing the assignment based on the ambitions and wishes of the client; studying and recording the possibilities and feasibility of the assignment, either alone or in a team, by means of: – historical, cultural and social context and user requirements; – potential geographical, ecological and existing situation (cables and ducts, elevations, soil, etc.); – qualitative spatial context, possible choice of location, policy, rules and regulations, procedures and legislation, responsibilities and ownerships; – handling and interpreting planological terminolgy, instruments and policy documents and awareness of the planning process in a larger context, such as the master plan and long-term thinking; – ambitions and requirements of parties involved and stakeholders and organization of and/or implementation of participation processes ; – funding, budgets and possible exploitations; – ….

Phase 02 - Project definition

		possible experience aspects
E4. Understands how to evaluate (performance) requirements, wishes, expectations and conditions in relation to the design and/or spatial advice and to incorporate these into a design brief;	understanding	– working on analysis and definition of a specific assignment and the corresponding program requirements, alone or in a team; – negotiating and consulting with other disciplines involved in the spatial planning, on different scales, different areas of interest and different levels; – translating (user) requirements by way of analysis and studies and whenever necessary directing ambitions of the client(s) and project definition; – integrating sustainability into the program requirements; – ….
E5. Is capable of drawing up a plan to execute the project in terms of products, time, financing and organization;	capable	– preparing and recording the intended planning process by describing the steps to be taken, the planning, the budget and the project organization, either independently or in a team; – understanding processing of products, planning and project organization into a proposal (content, project planning and fee); – understanding the development of planning processes through time, dealing with changes in circumstances, views and policy during the planning process and execution; – understanding the short-term and long-term meaning of spatial planning and interventions; – …

Phase 03 - Sketch design

		possible experience aspects
E6. Is able to explore and communicate an integral sketch design or spatial-functional concept in its context.	capable	Designing or advising on different types of projects, either independently or in a team, in a broader context, on different scales and for different types of commissioning: – designing / advising on and capturing the principal form and the various (thematic) parts of the design / (spatial) advice in its context; – integrating the various interests and disciplines and co-operating with external advisors whenever necessary; – elaborating possible multiple (partial) solution directions and exploring technical aspects and general feasibility; – presenting the design / (spatial) advice, both verbally and with text and images; – …

Phase 04 - Preliminary design

		possible experience aspects
E7. Is able to prepare, define and communicate a preliminary design and/or spatial advice, in which all aspects are integrated	capable	Either independently or in a team working on: – refining the principal form into a global design / global spatial advice / master plan, with functional and spatial layout; – designing / advising on the architectonic / visual appearance; – visual presentation of the global design / (spatial) advice; – …
E8. Is able to make proposals concerning materials and technology for the preliminary design and/or spatial advice	capable	Either independently or in a team working on: – gaining insight in demarcation, job definition and integration with other designing disciplines; – designing / advising on and processing user demands, (technical) aspects, management and exploitation aspects, safety and health aspects; – …
E9. Understands the relevant regulations and permits and can incorporate them into the preliminary design and/or spatial advice	understanding	Either independently or in a team working on: – gaining a deeper understanding in human factors such as use, light, colour, material, comfort, health and safety and designing the preliminary selection of materials, the global dimensioning and possible techniques; – studying and applying relevant rules and regulations; – being aware of aspects of sustainability in its widest sense; – …

E10. Is able to produce an integrated and global design and advising on all relevant aspects related to physics, technology and safety.	capable	Either independently or in a team working on: – integrating all relevant disciplines into a complex design environment (different levels of scale such as outdoor space and interior, architecture, building physics, installations and constructions); – operating in networks with different disciplines; – …

Phase 05 - Definitive design

		possible experience aspects
E11. Is able to prepare, define and communicate a detailed design and/or spatial advice in which all aspects are integrated;	capable	Either independently or in a team working on: – refining the definitive form into a detailed representation of the design / spatial advice; – gaining insight in demarcation, job definition and integration with other design or advisory disciplines; – elaborating ideas into land use plans, often as maquettes and drawings (within frameworks of the Planning Law and Housing Law); – capturing a design in a political / administrative document; – …
E12. Is able to make proposals concerning materials and technology for the detailed design and/or spatial advice	capable	Either independently or in a team working on: – capturing and recording the integration of all relevant disciplines in a complex design environment (different levels of scale such as outdoor space and interior, architecture, building physics, installations and constructions); – operating in networks with different disciplines; – technical and material elaboration of the architectonic / visual appearance, including details; – designing the definitive choice of materials, drawing up colour schedules and bills of materials, lighting plans and patterns of planting; – …
E13. Understands the relevant regulations and permits and how to incorporate them into the detailed design and/or spatial advice;	understanding	Either independently or in a team working on: – intensification of knowledge on aspects of completion, execution techniques, components, flexibility and building sequence; – intensification of knowledge on consequences of rules and regulations on the final design or advice; – …

E14. Is able to produce an integrated and detailed design and/or advising on all relevant aspects related to physics, technology and safety.	capable	Either independently or in a team working on: – capturing and recording the integration of user demands, technical aspects, management and maintenance aspects, safety and health aspects; – visual presentation of the detailed design / spatial advice; – deciding on numbers, use of space, quality levels and subprojects; – defining the limitations for the development plan, property development, site preparation, etc.; – insight in the integration of relevant components such as soil, water, pattern of planting, traffic, natural and built environment; – …

Phase 06 - Technical design

		possible experience aspects
E15. Is able to elaborate and define all technical aspects of the definitive design and/or specified spatial advice, and understands how to draw up technical specifications to enable construction.	capable	Either independently or in a team working on: – refining, detailing and materializing the definitive design into a technical design / specified spatial advice; – getting acquainted with structural aspects: relationship between design and execution, prefab versus in situ, site analysis, tolerances; – getting acquainted with aspects of completion: components and flexibility, installations and building sequences; – getting acquainted with building specifications, technical descriptions, quantities and finishing schedules, making and aligning execution drawings, directing writers of specifications and supervising all these documents; – gaining insight in drawing up and interpreting performance requirements, legal aspects, warranties, standards of quality and equivalence; – …
E16. Understands the procedures for applying for the required permits.	understanding	– gaining insight in and applying relevant rules and regulations, – gaining insight in procedures and being capable of license application; – gaining insight in usage notifications and occupancy permits; – …

Phase 07 - Price and contract negotiation

		possible experience aspects
E17. Understands all relevant cost structures and can ensure the feasibility of the design and/or spatial advice throughout all phases, and is capable of advising the client about costs.	understanding	– understanding and gaining insight in making (design) choices in relation to costs and value for money; – understanding and gaining insight in estimating controlling costs of a design / spatial advice, in relation to the implementation methodology, products, application of materials, contract variations, etc.; – informing clients about pricing and budgets, based on key figures; – either independently or in a team working on a global cost calculation of the design / spatial advice and gaining knowledge of a detailed cost estimate of the design / spatial advice; – either independently or in a team working on providing insight in the financial feasibility of a plan / advice; – …
E18. Understands relevant forms of contracts and tenders **with executing parties**, including laws and regulations, and able to advise the client on such matters.	understanding	– gaining insight in the process of tendering **for executing parties** and their pricing and contract information; – knowledge of forms of cooperation **with these executing parties** (e.g. construction teams, design & construct); – understanding pricing and contract information in public commissioning; – …

Phase 08 - Construction – construction drawings

		possible experience aspects
E19. Is able to elaborate the design and/or spatial advice to such an extent that they form the basis for the production of construction and installation components, as well as the actual execution and assembly on the construction site.	capable	– working on making detailed drawings and schedules of prefabricated elements, either independently or in a team; – gaining insight in implementation issues and bottlenecks; – evaluating development plans, either independently or in a team; – understanding how to make implementation drawings; – understanding how to draw up quality frameworks and BKP instruments for supervision; – …
E20. Is able to develop and/or supervise and aesthetically control the detailed development of components in relation to the entire design.	capable	– handling deviations, cost cuts and design adaptations during construction; – directing adaptations after contract negotiations and during construction, either independently or in a team; – supervising engineering drawings or architectonic plans concerning appearance and visual quality; – …

Phase 09 - Construction – supervision

		possible experience aspects
E21. Understands construction techniques, protocols and processes.	understanding	– gaining insight in implementation techniques, protocols and processes – in case of urban planning: gaining insight in both designing processes of others (architects, civil engineering parties) and the process of transforming urban design into specific architectonic designs and plans; – …
E22. Understands construction management	understanding	– gaining insight in implementation management or supervision; – attending on-site meetings (in case of urban planning also design meetings); – gaining knowledge of monitoring and supervising construction; – …

E23. Is able to supervise and control the construction process.	capable	Either independently or in a team working on: – aesthetic direction of the design / specified spatial advice after contracting and during construction; – gaining knowledge of supervising drawings of contractors and third parties; – gaining knowledge of completion and making minutes and gaining insight in contract variations and as such playing a directive rol on behalf of the client; – correcting documents that are drawn up based on the captured designs, such as zoning plans; – directing the entire process from transforming the urban design plan into specific architectonic plans by testing whether these plans match up tot he starting points of the urban plan and the Visual Quality Plan; – …

Phase 10 – Use / operation

		possible experience aspects
E24. Understands management and maintenance aspects in relation to the development and upkeep of a sustainable design.	understanding	– gaining insight in (design) decisions and their consequences for use, maintenance and exploitation – gaining knowledge of supporting the client / owner and users at use, maintenance, exploitation and/or facility management of the project; – gaining knowledge of advising on the maintenance period of the project and drawing up maintenance and management plans; – gaining knowledge of surveying the project after the end of the maintenance period and taking care of the minutes; – gaining insight in collecting user feedback in order to track down points of attention or gaps in the maintenance or use of (public) space; – gaining insight in (the organization of) participation processes in order to draw up a basic list of requirements for use and exploitation; – ...