ÆDRA

CONSTRUCTION & TECHNICAL SERVICES

SPECIALISATION 09 / 22

# CIVIL WORKS & FOUNDATIONS

Foundations that support reliable delivery



## FROM PLANNING TO DOCUMENTED HANDOVER

PLAN / BUILD / COORDINATE / DELIVER

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ABOUT ÆDRA AND OUR DELIVERY METHOD

# EXPERIENCE BEHIND THE WORK

**20+** **years of combined professional construction experience**

Ædra ApS brings together professional know-how developed through subcontracting in Italy since 2006 and construction management, coordination and delivery in Denmark. This experience belongs to the team and leadership; it is not a claim about the company's incorporation date.

## WHAT CLIENTS CAN EXPECT

### 01 CLEAR SCOPE

Materials, trade boundaries, access requirements and responsibilities are agreed before mobilisation.

### 02 COORDINATED EXECUTION

Resources, sequencing, site supervision and inspections follow the project programme.

### 03 DOCUMENTED HANDOVER

Inspection records, concealed-work photographs and nonconformity close-out are tracked.

### DANSK INDUSTRI (DI)

The companies' DI membership and applicable collective agreements are stated on the basis of company information. The relevant agreement depends on the employer, occupation and assignment. DI membership is not a technical certification.

SOLUTIONS AND APPLICATIONS

# FOUR DISTINCT WORK PACKAGES

Every work package is defined through a buildable scope, clear interfaces, quality checks and documented completion.



## 01 Excavation and groundwork preparation

Plan excavation using ground investigations, utility surveys, formation levels, access and an agreed temporary works strategy.

## 02 Reinforced concrete foundations

Prepare formwork, reinforcement and embedments to the structural drawings before supervised concrete placement.

## 03 Slabs, screeds and surface finishing

Coordinate reinforcement, service sleeves, pour sequence and curing protection for the specified slab.

## 04 Ground drainage and service trenches

Coordinate trench access, bedding and backfill around below-ground services with the specialist designers and installers.

EXECUTION AND QUALITY CONTROLS

# TECHNICAL DELIVERY / CONTROL POINTS

## 01 Excavation and groundwork preparation

### INSTALLATION / DELIVERY METHOD

Plan excavation using ground investigations, utility surveys, formation levels, access and an agreed temporary works strategy.

### QUALITY HOLD POINT

Confirm excavation permits, safe edges, formation level and the authorised engineer's requirements.



## 02 Reinforced concrete foundations

### INSTALLATION / DELIVERY METHOD

Prepare formwork, reinforcement and embedments to the structural drawings before supervised concrete placement.

### QUALITY HOLD POINT

Check reinforcement cover, dimensions, cast-in items and inspection hold points.

EXECUTION AND QUALITY CONTROLS

# TECHNICAL DELIVERY / CONTROL POINTS

## 03 Slabs, screeds and surface finishing

### INSTALLATION / DELIVERY METHOD

Coordinate reinforcement, service sleeves, pour sequence and curing protection for the specified slab.

### QUALITY HOLD POINT

Inspect levels, surface tolerances, concrete records and curing measures.



## 04 Ground drainage and service trenches

### INSTALLATION / DELIVERY METHOD

Coordinate trench access, bedding and backfill around below-ground services with the specialist designers and installers.

### QUALITY HOLD POINT

Check pipe bedding and levels, compaction requirements, utility protection and as-built records.

MATERIALS AND TRADE INTERFACES

# DETAILS THAT MAKE DELIVERY RELIABLE

Confirm the design intent before installation; record concealed interfaces; release the next trade only when the relevant quality hold point is closed.

## PROJECT INTERFACE CHECKLIST

**01 Subgrade / bearing layer**

**02 Formwork and reinforcement**

**03 Cast concrete**

**04 Inspection and curing**

## FOUR CRITICAL INTERFACE QUESTIONS

**01** Approved substrate and loads

**02** Material and system selection

**03** Trade and service interfaces

**04** Inspection and handover evidence

SYSTEM REQUIREMENT: Dimensions, classifications, installation approvals and permissible activities are established by the project design and the selected manufacturer's documented system.

PROGRAMME / QA-QC / HSE

# A DELIVERY PROCESS THAT CAN BE VERIFIED

## 01 PROJECT DEFINITION

Scope boundaries, design revisions, materials and acceptance criteria.

## 02 PLANNING & LOGISTICS

Access, sequence, deliveries, interfaces and temporary works.

## 03 FIRST INSTALLATION

Inspect first-off work or a representative mock-up before repetition.

## 04 ROUTINE INSPECTIONS

Photographs, dimensions and records of work that will be concealed.

## 05 DEFECTS & FOLLOW-UP

Assign observations, corrective actions and close-out responsibilities.

## 06 HANDOVER

Deliver checklists, relevant product records and the agreed dossier.

Safety arrangements and competence boundaries must be agreed for the assignment. Reserved electrical and plumbing installations must be undertaken and signed off by appropriately authorised contractors; Ædra may coordinate builders' works and installation support within its agreed scope.

# ÆDRA

SPECIALISATION 09 / CONCRETE

# FROM FIRST SET-OUT TO THE FINAL INSPECTION.

## YOUR PARTNER FOR A COORDINATED PACKAGE

Ædra supports complex building projects through specialised execution, site coordination and documented quality. Share your project, drawings and programme so we can clarify scope and the next step together.

INFO@SYNERA.DK

### SELECTED TECHNICAL REFERENCES

01 betonhaandbogen.dk/

02 unicon.dk/

03 bygningsreglementet.dk/

Images are illustrative and do not represent verified Ædra project references. Fire, acoustic, radiation shielding and structural performance must be checked against the approved project design and tested system details. Membership and collective agreements are stated from company information.

ÆDRA

SYNERA GROUP

# Explore all 22 Ædra work areas

09 Civil works & foundation excavation

10 Precast & prefabricated element installation

02 Drywall, X-ray linings & specialist interiors

04 Suspended & airtight ceilings

05 Timber acoustic ceilings & wall cladding

14 Flooring & finishes

15 Painting & surfaces

16 Doors, windows & joinery

17 Masonry, plastering & tiling

18 Renovation & fit-out

06 Ventilation and ductwork

07 Plumbing, pipework & mechanical interfaces

08 Electrical interfaces & builders' works

12 Technical pipe insulation

13 Cladding & ventilated façades

03 Vapour barriers & airtightness

01 Passive fire protection & firestopping

11 Site management, QA/QC & delivery support

19 Cutting & core drilling

20 Roofing & waterproofing

21 ETICS & rendered façades

22 Selective strip-out