DASFADS Surveys Nig. Ltd
Surveying · Mapping · Geospatial Consultancy

RC 1061094

▲ SERVICE INFORMATION SHEETS

Our services, one page each

Scope, typical deliverables and what we need from you for each of the 14 DASFADS services, from boundary surveys to construction and estate consultancy.

REFERENCE
DAS-DOC-01

VERSION
1.0

ISSUED
October 2026

FORMAT
Fillable PDF · print

IN THIS DOCUMENT

- How to read these sheets
- Land and property services
- Engineering and construction
- GIS, geodesy and mapping
- Resources, marine and environment

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Fourteen services, one standard of care

Choose a service to see its scope, deliverables and the information we need. Not sure which you need? Describe your project on the last page and we will advise.

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What is included

The usual scope of the service. Each assignment is confirmed in a written quotation.

Typical deliverables

What you normally receive, in the formats described in our File-Format Guidance.

Request a quotation

Tick "Send me a quotation" on any sheet, add your details on the last page, save and email this PDF to dasfads@dasfads.com.

LAND & PROPERTY

Land & Cadastral Surveying

Accurate Land Measurement and Boundary Information

Land surveying provides the spatial information required to understand property boundaries, dimensions, position and land configuration. Before land is bought, sold, documented, subdivided or built on, the people involved need dependable answers to basic questions: where the land is, how large it is, and how its limits relate to neighbouring parcels and to the wider coordinate framework.

WHAT IS INCLUDED

- Boundary and cadastral surveys
- Land measurement and parcel definition
- Property subdivision and amalgamation survey support
- Plot layout and land allocation plans
- Survey plans and associated technical documentation
- Boundary re-establishment based on appropriate records and evidence
- Survey support for land acquisition and property due diligence
- Preparation of compatible digital survey drawings

WHAT WE NEED FROM YOU

1. Site location, including state, local government area and any landmarks
2. Purpose of the survey (purchase, documentation, development, dispute support)
3. Any existing survey plans, deeds or allocation papers you hold
4. Names of adjoining owners or estate management contacts, where known
5. Access arrangements and any site restrictions

Who it is for

- Landowners
- Prospective property buyers
- Estate developers
- Legal practitioners
- Property managers
- Organisations involved in land administration

Typical deliverables

- Survey observations
- Coordinates
- Parcel measurements
- Survey drawings
- Digital files
- Supporting technical documentation

Deliverables depend on the assignment and are confirmed in writing before work begins.

Important information. The scope and deliverables depend on site conditions, available records, applicable regulations and the nature of the instruction. A survey does not by itself guarantee ownership or resolve every land dispute. Legal title should be confirmed through appropriate legal and documentary verification.

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Your details go on the last page

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

LAND & PROPERTY

Topographic Surveying

Understand the Terrain Before You Design

Topographic surveying captures relevant ground levels, terrain features and selected natural or man-made features within a defined area. The resulting information supports site planning, engineering design, drainage assessment and development decisions.

WHAT IS INCLUDED

- Ground elevation and spot-level surveys
- Contour mapping
- Identification and mapping of visible site features
- Site boundary and feature integration where instructed
- Terrain and surface representation
- Preparation of topographic plans and digital drawings
- Data preparation for GIS and engineering design workflows

WHAT WE NEED FROM YOU

1. Site location and approximate area
2. Intended use of the survey (design, drainage, earthworks, planning)
3. Preferred output format (for example DWG, DXF, PDF or GIS formats)
4. Any available site plans or design drawings
5. Required level of detail, such as contour interval or features to capture

Who it is for

- Building development
- Road planning
- Drainage design
- Land development
- Earthworks planning
- Infrastructure projects

Typical deliverables

- Contour plans
- Spot levels
- Coordinate lists
- Digital terrain data
- CAD drawings
- GIS-compatible files

Final outputs are subject to the agreed scope, contour interval and output formats.

Scope considerations. Topographic surveys record visible surface features and measured levels within the agreed area. Underground services, features obscured by dense vegetation or structures, and areas without safe access may not be captured unless specifically included in the scope.

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

ENGINEERING & CONSTRUCTION

Engineering Surveying

Survey Support for Construction and Infrastructure

Engineering surveying provides positional, dimensional and elevation information required during the planning, setting-out, construction and verification of engineering works.

WHAT IS INCLUDED

- Construction setting-out
- Establishment and checking of survey control
- Building and infrastructure alignment surveys
- Levels and elevation checks
- Road and route survey support
- As-built measurements
- Dimensional and positional verification
- Survey monitoring where appropriate

WHAT WE NEED FROM YOU

1. Project location and construction stage
2. Design drawings and reference coordinates
3. Required accuracy or tolerances, where specified
4. Site access, induction and safety requirements
5. Construction schedule and key milestones

Who it is for

Buildings · Roads · Drainage systems · Utilities · Industrial facilities · Other civil engineering works

Typical deliverables

- Setting-out coordinates
- Level information
- Survey control records
- Alignment data
- As-built drawings
- Technical reports

Deliverables are defined by the assignment and aligned with your project's reporting requirements.

Scope considerations. Survey support is delivered against the design information, reference control and tolerances supplied or agreed. Responsibility for design, structural adequacy and construction quality remains with the relevant design and construction professionals.

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

▲ GIS & GEOSPATIAL

GIS & Geospatial Mapping

Turn Spatial Data into Useful Information

Geographic Information Systems (GIS) help organisations collect, manage, analyse and visualise information linked to geographic locations. DASFADS supports geospatial mapping and data workflows for land administration, infrastructure planning, asset management, environmental analysis and other location-based applications.

WHAT IS INCLUDED

- Digital mapping and spatial data capture
- GIS database design and data organisation
- Spatial data conversion and integration
- Coordinate reference system management
- Spatial analysis and overlay operations
- Parcel and land information mapping
- Infrastructure and asset mapping
- Thematic maps and map production
- Preparation of GIS-compatible datasets
- Geospatial data quality checks and documentation

WHAT WE NEED FROM YOU

1. Description of the study area or project boundary
2. Available datasets and their formats
3. The analysis or mapping you need
4. Coordinate reference system, where known
5. Expected outputs and any data restrictions or confidentiality requirements

Who it is for

Land management · Planning · Utilities · Environmental monitoring · Asset inventories · Infrastructure management · Organisational decision support

Typical deliverables

- Digital maps
- Spatial databases
- GIS project files
- Attribute tables
- Map layouts
- Analysis reports
- Supported exchange formats

Output formats and coordinate reference systems are agreed before work begins.

Data considerations. The quality of GIS outputs depends on the quality, currency and completeness of source data. Where client-supplied data is used, its limitations and any assumptions made during conversion or integration will be documented.

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

GIS & GEOSPATIAL

Geodetic Surveying & GNSS

Reliable Positioning and Survey Control

Geodetic surveying establishes and relates positions within an appropriate coordinate reference framework. Global Navigation Satellite System (GNSS) technology supports positioning, control surveys and geographic data acquisition.

WHAT IS INCLUDED

- GNSS-based positioning and field observations
- Survey control establishment and densification
- Coordinate determination and transformation support
- Control-network observations
- Traverse and control-data processing
- Coordinate verification and documentation
- Integration of survey observations with mapping workflows

WHAT WE NEED FROM YOU

1. Project location and extent
2. Required accuracy and intended use of the coordinates
3. Reference datum and coordinate system, where specified
4. Details of any existing control points
5. Site access and observation constraints

Who it is for

- Cadastral surveys
- Engineering projects
- Mapping
- Infrastructure development
- Geospatial database creation

Typical deliverables

- Control coordinates
- Observation and processing records
- Station descriptions
- Transformation documentation
- Verification reports

Deliverables reflect the agreed accuracy, reference datum and coordinate system.

Technical considerations. Achievable accuracy depends on equipment, observation time, satellite visibility, site obstructions and the quality of reference control. Transformation results are only as reliable as the parameters used, which is why we record them alongside the results.

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

RESOURCES & MARINE

Hydrographic & Marine Surveying

Survey Information for Water-Related Environments

Hydrographic surveying concerns the measurement and mapping of relevant features of water bodies, including underwater depths and associated shoreline or positioning information.

WHAT IS INCLUDED

- Bathymetric data acquisition
- Water-depth measurement and mapping
- Shoreline and water-edge mapping
- Positioning and survey control for marine work
- Hydrographic data processing and visualisation
- Preparation of bathymetric charts and digital outputs

WHAT WE NEED FROM YOU

1. Location and extent of the water body or survey area
2. Purpose of the survey and required outputs
3. Known water levels, tidal or seasonal conditions
4. Access points and any navigation restrictions
5. Required reference levels, where specified

Who it is for

Waterfront development | Dredging support | Waterways | Reservoirs | Coastal studies | Water infrastructure planning

Typical deliverables

- Bathymetric datasets
- Depth contours
- Digital maps
- Technical reports

Outputs are produced where included in the agreed scope.

Requirements. Hydrographic assignments require suitable equipment, safe access, appropriate reference levels and a clear understanding of environmental and site conditions. Feasibility and method are confirmed for each assignment before a quotation is issued.

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

RESOURCES & MARINE

Mining & Natural Resources Surveying

Spatial Information for Resource Operations

Surveying supports the measurement, mapping and monitoring of land and selected features associated with mining, quarrying and natural resource operations.

WHAT IS INCLUDED

- Site and boundary surveys
- Topographic surveys of operational areas
- Quarry and excavation measurement
- Surface-level and volume calculations
- Stockpile measurement where suitable methods are available
- Access-route and infrastructure mapping
- Spatial data preparation for operational planning
- Survey monitoring where required

WHAT WE NEED FROM YOU

1. Site location and operational area extent
2. Type of measurement needed (boundary, topographic, volume, monitoring)
3. Previous survey data for comparison, where available
4. Site safety and access requirements
5. Reporting frequency if repeat surveys are required

Who it is for

Mining operators · Quarry businesses · Infrastructure contractors · Resource developers · Land managers

Typical deliverables

- Survey plans
- Coordinates
- Terrain models
- Volume calculations
- Digital drawings
- Supporting reports

The measurement method, reference surface and assumptions used for volume calculations are agreed and documented.

Scope considerations. Volume calculations depend on the agreed reference surface, measurement method and site conditions at the time of survey. Where suitable methods are not available for a given stockpile or excavation, we will advise before work begins.

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

▲ GIS & GEOSPATIAL

Environmental & Land Assessment

Spatial Information for Responsible Development

Environmental and land assessment may require accurate spatial information about terrain, land use, drainage, access, existing features and surrounding conditions.

WHAT IS INCLUDED

- Land-use and land-cover mapping
- Terrain and drainage-related mapping support
- Environmental baseline mapping
- Site feature inventories
- Spatial data integration
- Land suitability mapping support
- Mapping for environmental monitoring
- Preparation of maps and technical spatial outputs

WHAT WE NEED FROM YOU

1. Study area boundary
2. Purpose of the assessment and the lead consultant, if any
3. Existing datasets, imagery or prior studies
4. Required map themes and output formats
5. Reporting timelines

Who it is for

Development planning · Land management · Infrastructure · Agriculture · Environmental consultancy

Typical deliverables

- Thematic maps
- Land-use datasets
- Site feature inventories
- Spatial analysis outputs
- Technical spatial reports

Outputs are defined according to the role DASFADS plays within the wider assessment team.

Scope and limitations. Environmental impact assessment, laboratory testing, specialist ecological studies and statutory environmental approvals require appropriately qualified practitioners and relevant authorisations. Surveying or GIS support does not replace these specialist services.

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

LAND & PROPERTY

Layout Design & Land Subdivision

Organised Land Planning Supported by Accurate Survey Data

Land layout and subdivision services support the planning of plots, access routes, boundaries and other spatial arrangements within a defined site.

WHAT IS INCLUDED

- Parcel subdivision planning support
- Plot layout preparation
- Coordinate-based parcel definition
- Access and road layout mapping
- Plot numbering and parcel schedules
- Land area and dimension calculations
- Digital layout drawing preparation
- GIS and CAD integration

WHAT WE NEED FROM YOU

1. Survey plan or boundary information for the parent parcel
2. Intended use and preferred plot sizes
3. Access, road width and open-space requirements
4. Any planning guidance already received
5. Preferred output formats

Who it is for

- Residential estates
- Commercial developments
- Landowners
- Property developers
- Land management organisations

Typical deliverables

- Layout plans
- Parcel coordinates
- Plot schedules
- Area calculations
- Compatible digital drawings

Deliverables depend on the agreed scope.

Important note. All proposed layouts remain subject to applicable planning requirements, access provisions, land records and relevant statutory approvals.

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

ENGINEERING & CONSTRUCTION

As-Built Surveys & Site Verification

Record What Has Actually Been Constructed

As-built surveying captures the measured position, dimensions or elevations of existing constructed features. The resulting records can be compared with design information or retained for operations and future maintenance.

WHAT IS INCLUDED

- Building position and dimensional surveys
- Infrastructure location surveys
- As-built coordinates and levels
- Verification against supplied design drawings
- Mapping of visible utilities or installed assets where accessible
- Digital drawing updates based on measured information
- Preparation of as-built documentation

WHAT WE NEED FROM YOU

1. Site location and features to be recorded
2. Design drawings for comparison, where verification is required
3. Tolerances to verify against
4. Access arrangements and site safety requirements
5. Preferred drawing formats and layering standards

Who it is for

Construction handover | Facility management | Renovation | Infrastructure records | Design verification

Typical deliverables

- As-built drawings
- Measured coordinates
- Dimensional records
- Deviation schedules
- Technical reports

Deliverables depend on requirements agreed at instruction.

Scope limitation. Verification is limited to the features and tolerances included in the agreed scope. Hidden or inaccessible features cannot be confirmed through surface measurement alone.

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

ENGINEERING & CONSTRUCTION

Construction & Development Consultancy

Technical Support for Better-Planned Development

DASFADS supports clients requiring surveying and technical coordination for land development, construction preparation and infrastructure-related assignments.

WHAT IS INCLUDED

- Preliminary site information and measurement
- Survey support for development planning
- Coordination of survey information with design teams
- Construction setting-out coordination
- Site measurement and verification
- Development layout and spatial documentation
- Technical information management
- Consultancy coordination with relevant specialists

WHAT WE NEED FROM YOU

1. Project objectives and development stage
2. Site location and any existing survey information
3. Members of the wider project team and their roles
4. Expected deliverables and timelines
5. Known approvals or constraints

Who it is for

Property developers · Project owners · Design teams · Contractors · Institutional clients

Typical deliverables

- Site information packages
- Survey coordination records
- Setting-out data
- Layout documentation
- Verification reports

Each engagement is defined in writing.

Scope considerations. Where a project requires architectural, structural, legal, planning or other specialist input, those services are provided by appropriately qualified professionals. We make these boundaries clear in our written scope.

Request this service

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

LAND & PROPERTY

Real Estate & Property Services

Property Support Informed by Land and Location Information

DASFADS supports property-related assignments that benefit from accurate land information, technical documentation and coordinated professional advice.

WHAT IS INCLUDED

- Land and property measurement support
- Property site information and mapping
- Development land assessment support
- Property documentation coordination
- Spatial information for property management
- Land-related technical due diligence support
- Coordination with legal, valuation and planning professionals where required

WHAT WE NEED FROM YOU

1. Property location and description
2. The decision or transaction you are preparing for
3. Existing documents such as survey plans or allocation papers
4. Other professionals already involved
5. Desired timeline

Who it is for

- Property buyers and owners
- Developers
- Property managers
- Investors
- Legal and valuation professionals

Typical deliverables

- Measurement records
- Site information maps
- Technical due-diligence notes
- Property spatial datasets

Deliverables are agreed per engagement.

Important note. Survey information alone does not establish legal title, guarantee a property's value or replace a solicitor's title investigation or a qualified valuer's valuation.

Request this service

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

ENGINEERING & CONSTRUCTION

Building & Road Construction

Construction Built on Accurate Measurement

DASFADS delivers building and road construction works for private clients, developers and institutions, from site preparation and setting-out to completion and as-built records.

WHAT IS INCLUDED

- Site clearance and preparation
- Earthworks, grading and platform construction
- Building construction to approved drawings
- Estate roads and access roads
- Drainage, culverts and kerbs
- Setting-out, level control and quality checks during construction
- Coordination with architects, structural and services engineers
- As-built records and handover documentation

WHAT WE NEED FROM YOU

1. Site location and any existing survey plan
2. Approved architectural and engineering drawings, or the brief if design is still needed
3. Planning or building approvals obtained, where required
4. Target start date and completion date
5. Access arrangements and site constraints

Who it is for

Private clients · Estate developers · Businesses and institutions · Public-sector clients · Communities

Typical deliverables

- Construction programme
- Setting-out and level records
- Progress reports
- Quality check records
- As-built drawings
- Handover documentation

Scope, specification, programme and payment terms are agreed in a written contract before work begins.

Scope considerations. Construction follows designs and approvals prepared by appropriately qualified and registered professionals. Where design, structural certification or regulatory approval is needed, it is provided by those professionals and stated in the contract.

Request this service

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SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

LAND & PROPERTY

Estate Consultancy

From Raw Land to an Organised, Documented Estate

DASFADS advises landowners, families, communities and developers who want to turn land into a well-planned, well-documented estate.

WHAT IS INCLUDED

- Feasibility review of land for estate development
- Land acquisition and boundary checks before purchase
- Estate layout planning and plot design
- Coordination of layout approval submissions
- Plot numbering, allocation schedules and buyer documentation support
- Infrastructure planning: roads, drainage and open spaces
- Estate records and spatial database management
- Coordination with legal, planning and valuation professionals

WHAT WE NEED FROM YOU

1. Location and size of the land
2. Existing title documents and survey plans
3. Your goals for the estate (residential, commercial, mixed)
4. Budget and timeline expectations
5. Any approvals already obtained

Who it is for

Estate developers | Landowning families and communities | Investors | Cooperatives and associations | Institutions

Typical deliverables

- Feasibility notes
- Estate layout plans
- Plot schedules and allocation records
- Infrastructure layout
- Estate spatial database

Each consultancy engagement is defined in writing.

Important note. Estate consultancy does not replace legal advice on title, or a property valuation. Valuation is carried out by registered estate surveyors and valuers, and title matters by legal practitioners; we coordinate with them where required.

Request this service

Your details go on the last page

☐ Please send me a quotation for this service.

SITE LOCATION (STATE, LGA, ADDRESS)

WHAT YOU NEED, IN A FEW WORDS

REQUEST A QUOTATION

Your details

Complete this page, tick "Send me a quotation" on the sheets you are interested in, then save and send the PDF.

Your details

FULL NAME *

ORGANISATION (IF ANY)

EMAIL ADDRESS *

TELEPHONE *

CLIENT NUMBER (IF ANY)

HOW SHOULD WE CONTACT YOU?

- ◯ Email
- ◯ Telephone call
- ◯ WhatsApp
- ◯ Any of these

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One partner for land, engineering and geospatial work.

Tell us about your project. We will recommend the right service and confirm scope, timeline and fees in writing.

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