



URBAN PLANNING & GEOSPATIAL ENGINEERING

COMPANY PROFILE
2021



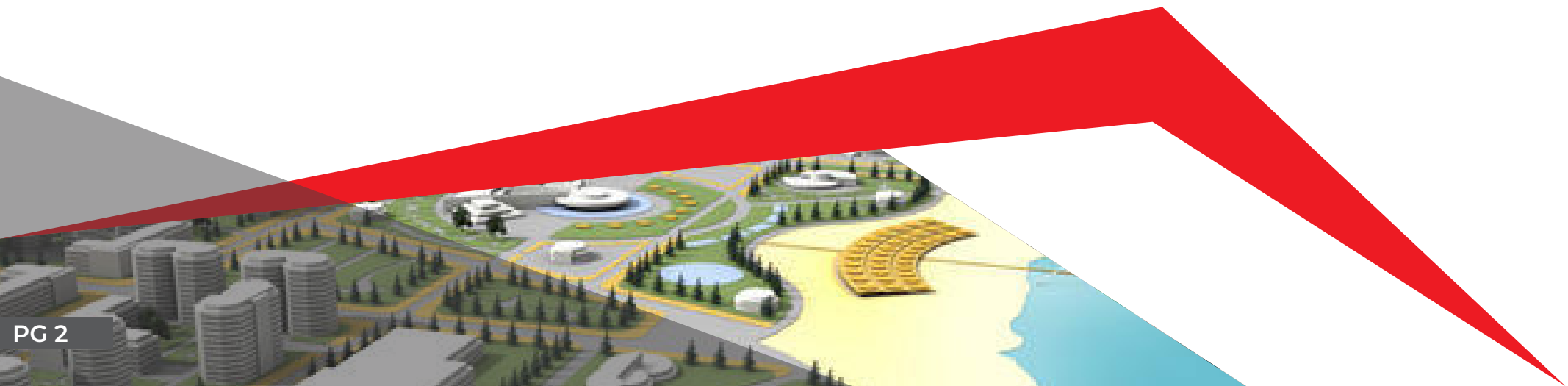
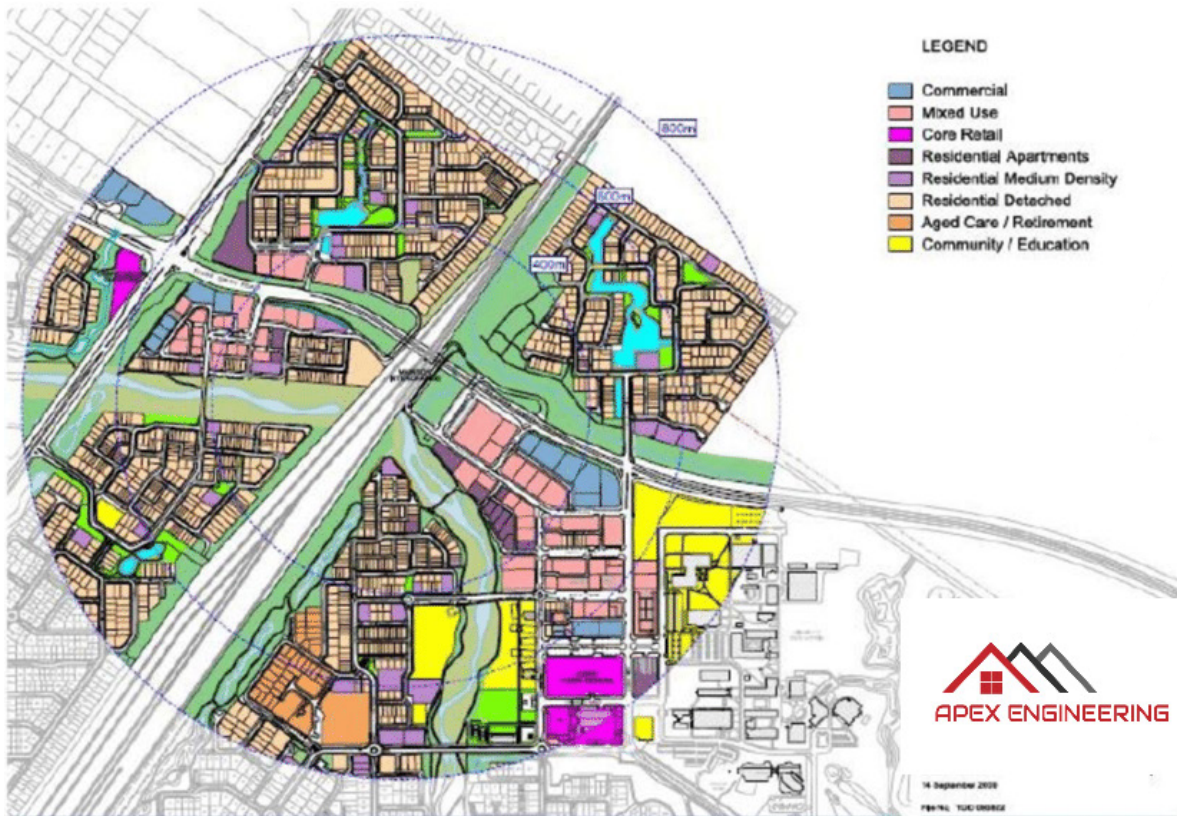


Table Of Contents

01. About Us : Page: 4

02. Vision, Mission, Commitments : Page: 5

03. Our Services : Page 6 - 13

04. Recent & Completed Projects : Page: 14

05. Our Client & Partners : Page 15

07. Our Footprint : Page 16

08. Main Map of Mogadishu : Page 17

09. Contact Us Page : 18

About Us

Apex Engineering provides innovative geospatial solutions targeted at leveraging the benefits of GIS and locational technology in Agriculture, Assets Management, Smart cities, Infrastructure ,Urban planning, Property management, land management e.t.c .

Founded in 2013, our 8 years of experience has continued to grow as we deliver quality and timely service to our clients.



Vision

To provide quality services through loyal relationships, clear communication and creative solutions within our unique work environment while achieving personal and community growth.



Mission

To be the recognised leader in creating desirable communities, while leaving a legacy of excellence.



Our Commitment

We are committed to the sustainability of the communities, our clients, businesses and the environments in which we live and work.

Our Services

1. SPACIAL PLANNING

Services offered here are Urban and Regional Planning, with the focus in the preparation of Regional and Local Spatial Plans, Action Area Plans, Subject/Sector Plans and Preparation of Subdivision Schemes in line with the existing laws and regulations.



““In the planning and designing of new communities, housing projects, and urban renewal, the planners both private and public, need to give explicit consideration to the kind of world that is being created for the children who will be growing up in these settings. ”

Urie Bronfenbrenner





SPACIAL PLANNING

- **Regional Spatial Plan:** Land use activities, infrastructure and settlement growth plan across a larger area than a City/Town e.g. Regional State Spatial Plans
- **Local Spatial Plan:** Local Physical Development Plan Covering a City/Town.
- **Property Registration and Numbering:** Developing a systematic manner of numbering properties in a city
- **Action Area Plan:** Neighbourhood Plans which is a subset of Local Spatial Plan to ensure that development is undertaken in a sustainable and integrated manner.
 - **Subject/Sector Plan:** This is a Plan Defining goals, investments, and designs in particular thematic area e.g Transportation, Environment etc.
 - **Sub Division Scheme:** This is a Neighbourhood plan showing subdivision of land for the purpose of development or Investment in line with existing regulations.



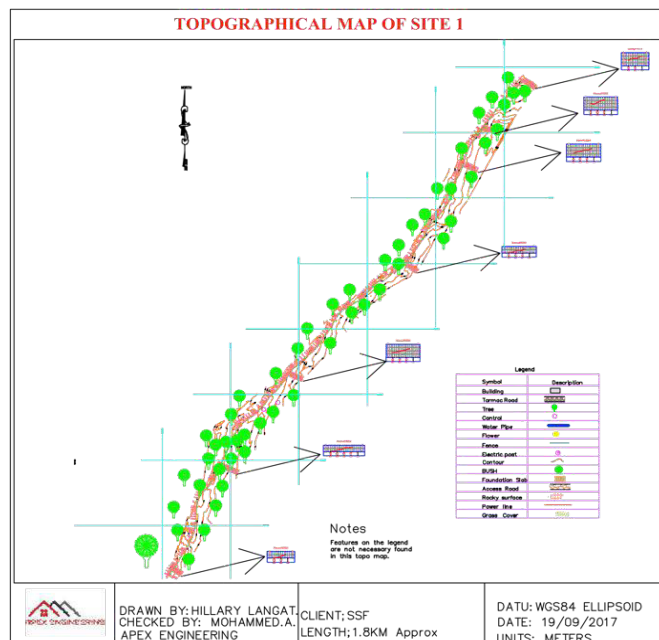
Our Services



2. SURVEYING AND MAPPING

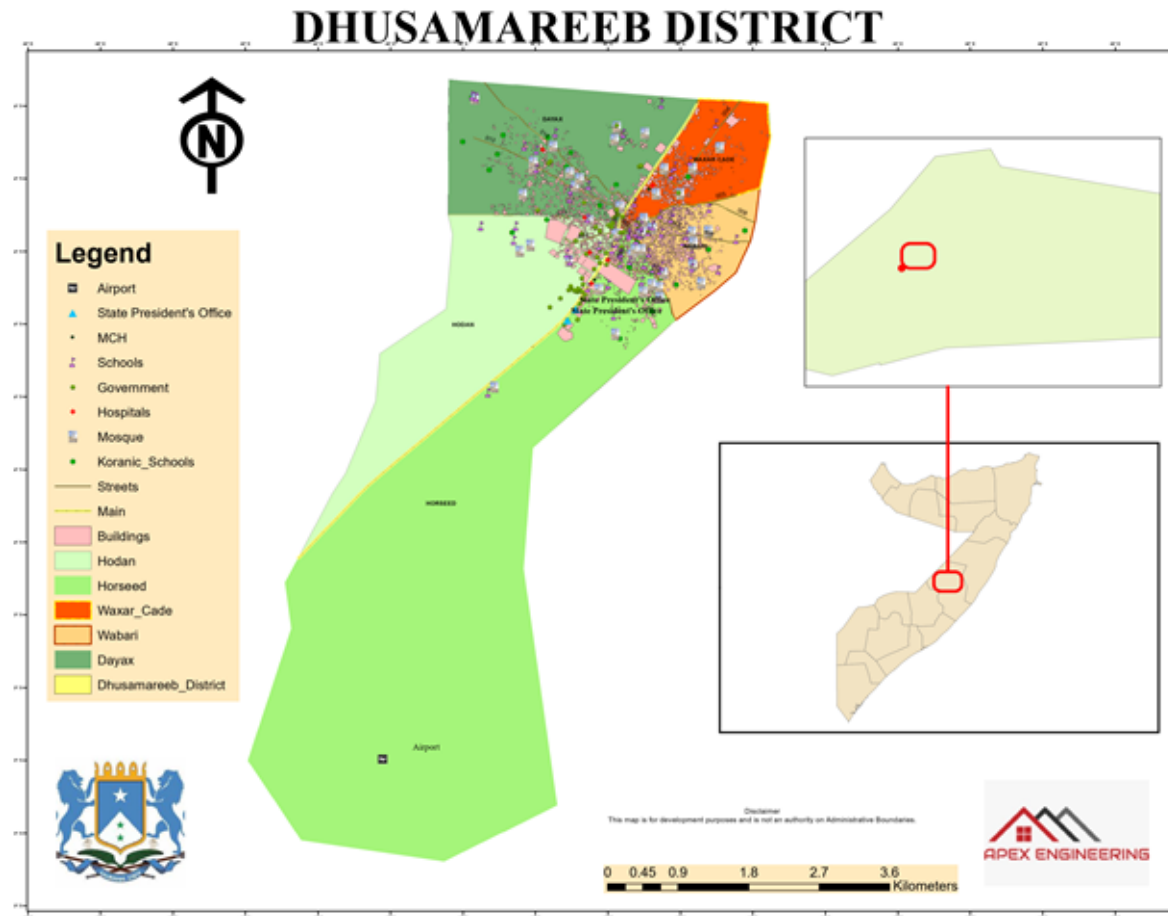
This includes Cadastral, Topographical, Control and Engineering Surveying. This is an aspect of spatial measurements, representation, analysis, retrieval and display of spatial data concerning both the Earth's physical features and the built environment.

- **Cadastral Survey:** Establishment and Reestablishment of Property Boundaries including Subdivision and Monumentation for Registration and Titling.
- **Topographical Survey:** Measurements of elevation of points and location data of natural and man-made features to guide planning, grading and construction

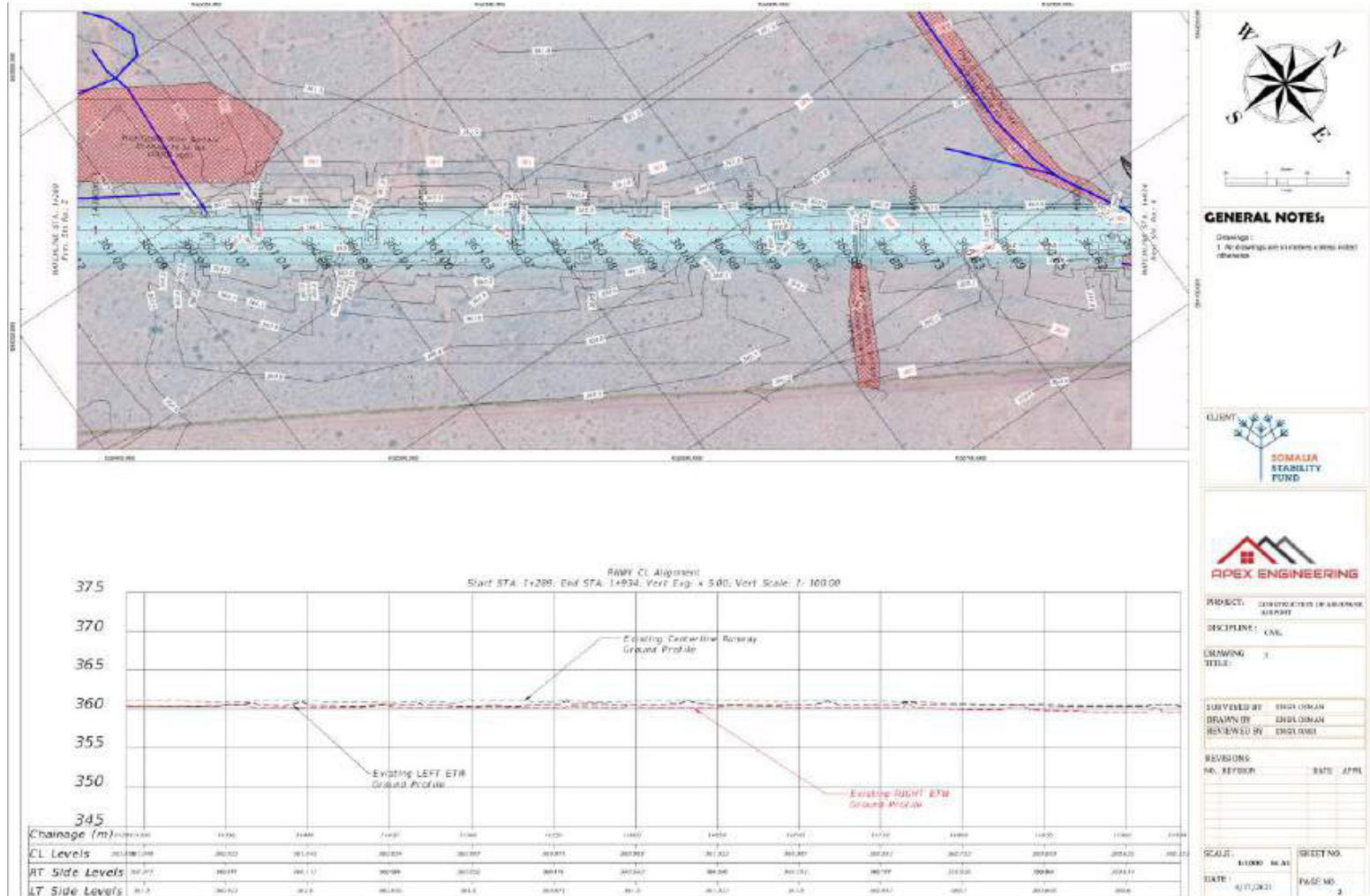




SURVEYING AND MAPPING



- **Control Survey:** Establishment of reference points to use as starting positions or future surveys. Including Photo Control Survey that creates reference marks visible from the air to allow aerial photographs to be rectified.
- **Engineering Survey:** Measurement and marking out calculated positions of objects on the ground. Applied in design compliance verification, site set out, volume calculations and quality control in construction and civil works.
- **Mapping:** Collection of spatial and generation of well-designed maps for various uses.



Topographical survey of Abudwaq Airport



3. GIS & REMOTE SENSING

This entails collection of Spatial Data, Geodatabase Development, GIS Analysis, GIS Applications Development, Processing, Analysis and Interpretation of Remote Sensing Data. Additionally, we actively engage in GIS Systems set-up and implementation, including training.

- **GIS Data Collection:** This entails acquisition of Geographic data through various methods and sources including GPS, ground survey, satellite imagery etc.; Processing and conversion of the data from various formats to GIS compatible formats and Geographic Transformation and Projection to ensure that all data align properly and in a particular coordinate system.
- **GIS Database Development:** This entails creation of a Geodatabase [Geographic Database] that is structured and loaded with data which has been assessed for relevance and suitability so as to support particular needs and Applications. Generally, the Geodatabase has Geographic datasets organized into a series of layers and tables which provide geographic representation of a particular theme.
- **GIS Analysis:** This entails answering questions and solving problems by looking at geographic properties of spatial data in a way that is quickly understood and easily shared by applying a set of spatial operators. For Instance, Network Analysis and Routing that can show the quickest path or the most suitable location to build. etc.



GIS Application Development: This entails configuration of the GIS databases and Development of User Interfaces for Updating, Consuming and sharing spatial information products. For the user interface to reflect the standards, feel and look desired by users, a detailed requirement analysis will be carried out to guide the nature and capabilities of the applications that will be required.

GIS Systems Implementation:

: This entails analysis of business workflow, information requirements, current capability, and then recommend optimum GIS solution to improve the way of doing business or provision of services.

• Aerial Photography and Remote Sensing:

This refers to the acquisition of data from airborne and space borne platforms. Aerial photography uses aerial photographs taken from a flying aircraft and drones to produce planimetric maps of the earth's surface (area of interest) and of features of the built environment.



Our Services



4. LAND AND ENGINEERING SURVEY SERVICES

- **Control and Topographical surveys:** We use latest GNSS/GPS and digital total station to establish accurate survey controls and framework that guide horizontal and vertical accuracy for infrastructure during constructions.
- **Engineering surveys:** Preliminary and detailed engineering surveys are critical inputs for project feasibility studies at the detailed design stages, costing and construction works. Spatial maps undertakes professional topographical and engineering survey services
- **Construction surveys:** We undertake surveys to transfer the designs into ground and supervise works at construction stages. Our construction survey services include setting-out for horizontal and vertical road alignment, roads grade/subgrade setting out and leveling, and setting out for building layout, foundations, floor levels and volumetric measurements for quantities.



- 1. Property Numbering & City Planning for Dhusamareeb Municipality**
- 2. Topographical Survey and controls for the construction of 6KM tarmacked road in Beledwayne**
- 3. Topographical Survey and Geotechnical investigation for the Baraawe Airport**
- 4. Topographical Survey, Geotechnical Investigation and Designs of the Construction of 5 km gravel road in Diinsoor**
- 5. Technical Supervision for the rehabilitation of Dinsoor Airstrip.**
- 6. Topographical Survey, Geotechnical Investigation and Designs of the Proposed Garbahareey Airport**
- 7. Topographical Survey for the Extension of Abudwaq Airport**
- 8. Topographical Survey, Geotechnical investigation, and Designs for the proposed Airport in Beledwayne**

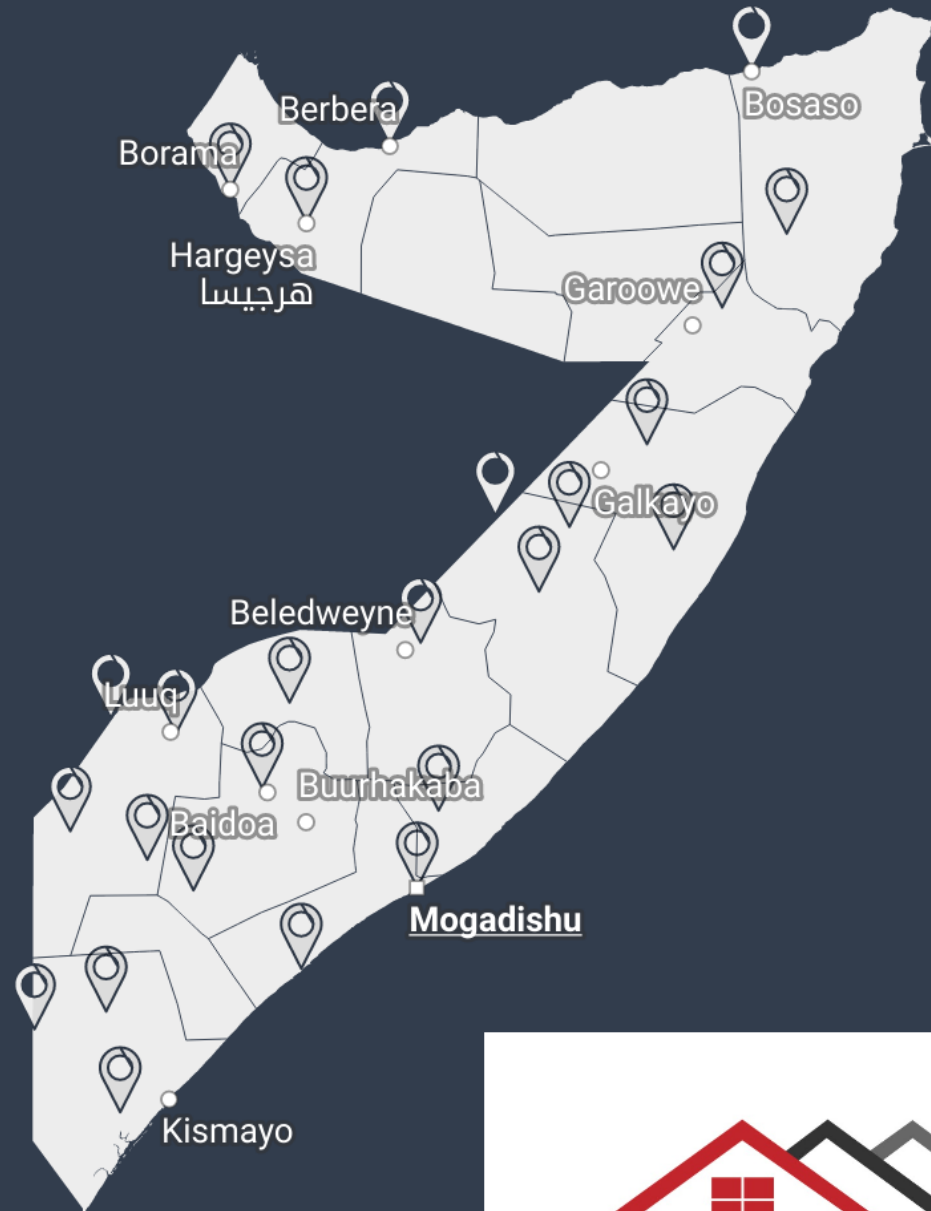


Our Clients & Partners



Our Project Areas in Somalia

Location sites of completed projects



MAIN MAP OF MOGADISHU

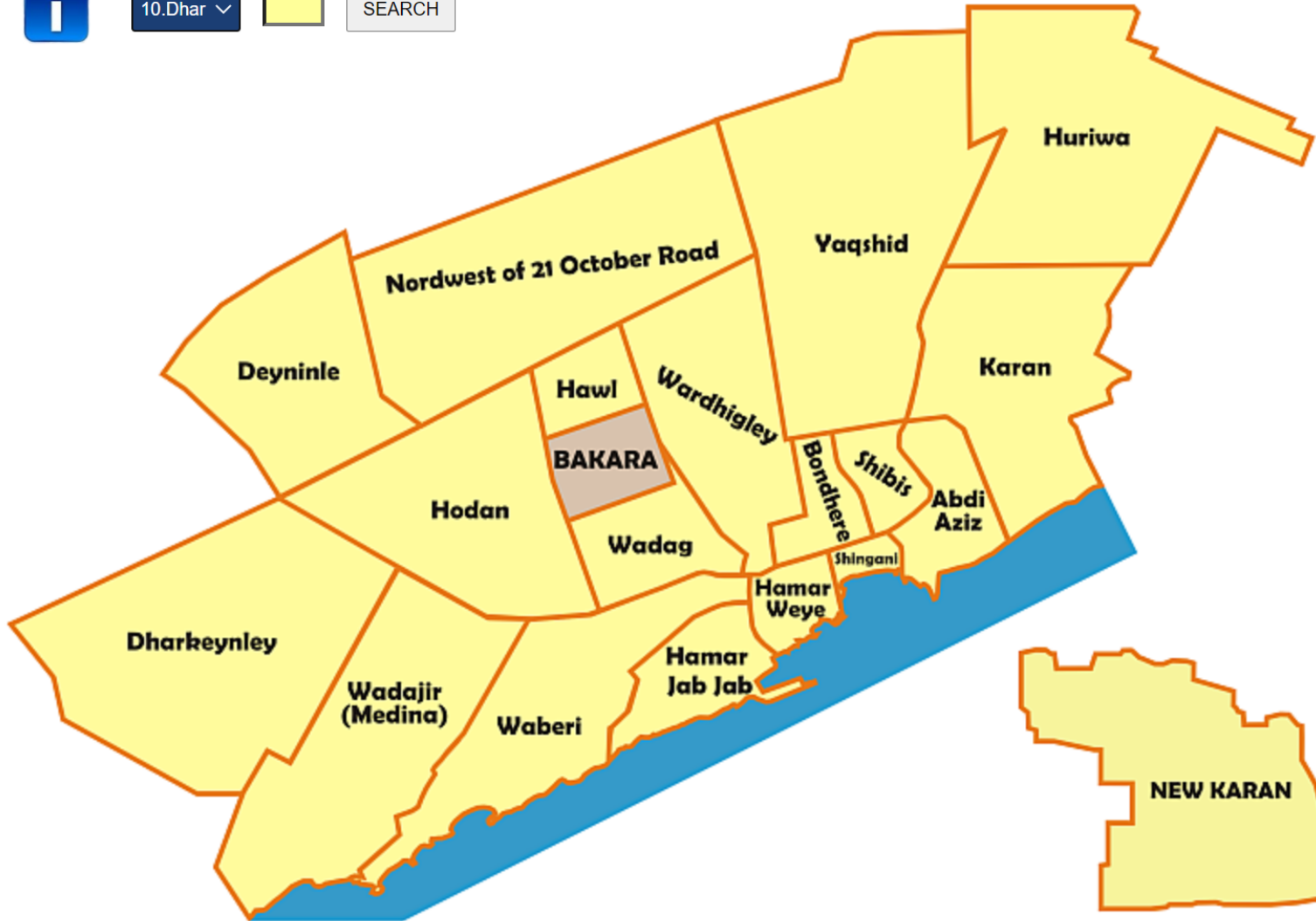
SELECT A PART



10.Dhar ▾



SEARCH



- 10 Dharkeynley
- 11 Wadajir (Medina)
- 12 Waberi
- 13 Deyninle
- 14 Hodan
- 15 Hawl Wadag
- 16 Hamar Jab Jab
- 17 Hamar Weye
- 18 NW of 21 Oct.Road
- 19 Wardhigley
- 20 Bondhere
- 21 Shingani
- 22 Yaqshid
- 23 Shibus
- 24 Abdi Aziz
- 25 Karan
- 26 Huriwa
- 27 Bakara Market
- 28 New Karan



CONTACT US



+252 612 891 375



www.apex-engineering.com



Buula Huubey, Wadajir District,
Mogadishu Somalia.

