



COMPANY PROFILE

SkyEye
UAV SERVICES

UAVs for a better quality of life

<http://www.skyeyeph.com>

Contents

ABOUT US.....	3
WHY SKYEYE?	3
SENIOR MANAGEMENT.....	4
KEY CLIENTELES.....	4
OUR VALUE PROPOSITION	5
In-house drone design and construction.....	5
Strong operational capabilities	5
Accreditations and certifications	5
SERVICES.....	5
SKYEYE'S AERIAL MAPS ADVANTAGES	6
AutoCAD-ready Outputs.....	6
Georeferenced to NAMRIA.....	6
Cadastral grade data/ Cadastral Ready.....	6
Visually please, present and convince people.....	6
STANDARD OUTPUTS.....	7
Topographical Map.....	7
Contour Map	7
Digital Surface Model.....	8
CAD-Ready Contour Drawings.....	8
3D Aerial Model.....	9
Aerial Video.....	9
SAMPLE REPORTS	10
Orthomosaic Map.....	10
Digital Surface Model.....	10
1Meter Contour Map	11
0.5 Meter Contour Map.....	11
3D Site Model.....	12
Land Management	12
Soil Type Map.....	13
Vegetation Map.....	13
Slope Map.....	14
Points of Interest Map	14
Structures Report - Pathways	15
Structure Report - Trees.....	15
USE CASES.....	16

Structures Inventory Report	16
Object Counting & Tracing – AutoCAD Ready	16
Spatial Analysis	17
Corridor Mapping for Right of Way (ROW).....	18
Right of Way Parcellary Research.....	18
Coastline Mapping	19
Natural Waterways	19
Utility Powerline Monitoring	20
Construction Progress Reporting	20
CUSTOM DRONES.....	21
Custom Hexacopters for thermal scanning.....	21
Fixed-wing drones for land asset mapping.....	21
CONTACT US.....	22

ABOUT US



- Philippine-based “scale-up” that pioneered custom-built and commercial use of unmanned aerial vehicles (UAVs) in the country
- Recipient of multiple startup industry awards to date
- Develops and maintains custom drones for unique Philippine/emerging market environments
- First in the Philippines to be fully certified and licensed by CAAP for commercial operations
- Now providing commercial drone services to multiple sectors including private firms, government, and academe
- Primary expertise to date in asset mapping and inspection
- More than 10,000 hours of flight covering >100,000 hectares
- Key shareholders: Arthur R. Tan, Jose Bernas
- Founded in 2009 and headquartered in Manila

WHY SKYEYE?

- Faster, more flexible vs. ground or aircraft-based surveying
- Land surveys for precise titling and planning of expansion or development
- Rapidly assess natural resources, facilities, disaster impact
- Enable accurate planning with engineering/ architect ready maps
- Aerial photos, videos, and full 3D models
- Higher resolution versus Google and Bing
- Highly accurate topography with or without vegetation
- Georeferenced to Philippine national mapping body (NAMRIA)
- More than 100 projects nationally

“Innovative UAV solutions optimized for emerging markets”

SENIOR MANAGEMENT



Arthur R. Tan

Chairman

- Global Filipino Executive of the Year, 2017
- BS Electronics & Communications Engineering – Mapua Institute of Technology
- MS Electrical Engineering – Univ of Idaho



Atty. Jose Bernas

Chief Executive Officer

- Managing Partner, Bernas Law
- BS, Haverford College
- LLB, Ateneo de Manila University



Marissa Santos

Financial Consultant

- CFO – Auto Nations Group Inc.
- BSC Accounting – St. Theresa's College
- MBA – University of the Philippines

KEY CLIENTELES

Real estate



DEVELOPMENT CORPORATION



Consumer & Logistics



Prudential
Guarantee



INSURING GROWTH



Industrial



NAC
NICKEL ASIA CORP.

CHEMREZ
TECHNOLOGIES



Government/NGO



USAID
FROM THE U.S. DEPARTMENT OF STATE

Be Secure Project

Water Security for Resilient Economic Growth and Stability





OUR VALUE PROPOSITION

In-house drone design and construction

- Increased endurance, flexibility, and custom payloads optimized for emerging market environment and/or remote locations
- Optimized capex, operations, maintenance costs coupled with immediate serviceability and parts availability
- Superior benefit/capabilities to cost ratio vs commercial drones

Strong operational capabilities

- Pioneering team with flight & maintenance experience since 2009
- Three teams of UAS operators, logging 3,000 hours+ of successful missions nationwide and 100,000+ hectares of data processed
- Service over ownership – engaging Skyeye lessens own development costs and mitigates operations and manpower risks

Accreditations and certifications

- Philippine government (CAAP) licensed UAV operator
- UN Office of Humanitarian Affairs accredited for disaster response
- Provides drone pilot certification training (99% pass rate to date)

SERVICES

- Aerial mapping and survey
- Utility inspection
- Construction progress update video & photo
- Emergency calamity response & rescue
- Teaser videos
- 360-degree aerial tour
- Aerial photography
- Aerial videography

SKYEYE'S AERIAL MAPS ADVANTAGES

AutoCAD-ready Outputs

Used by Architects and Engineers for master planning and design. Object and area of interest tracing; Property boundaries; Topographical data – contour lines; 3D Models in AutoCAD format –

Georeferenced to NAMRIA

Useful for planning, maintenance and development of utilities and other developments as it adheres to Philippine Standards

Cadastral grade data/ Cadastral Ready

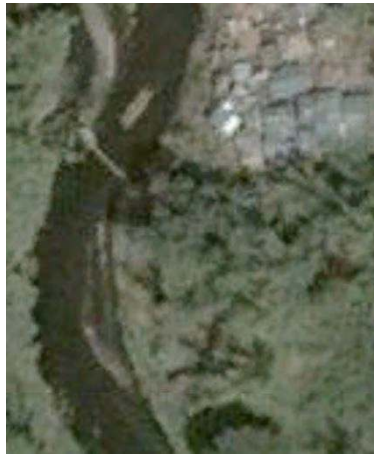
Strict adherence to DENR requirements for land surveys.

Visually please, present and convince people

People are very visual, by providing a visual map they can easily use their imagination on the possibilities that can happen.



 Bing maps



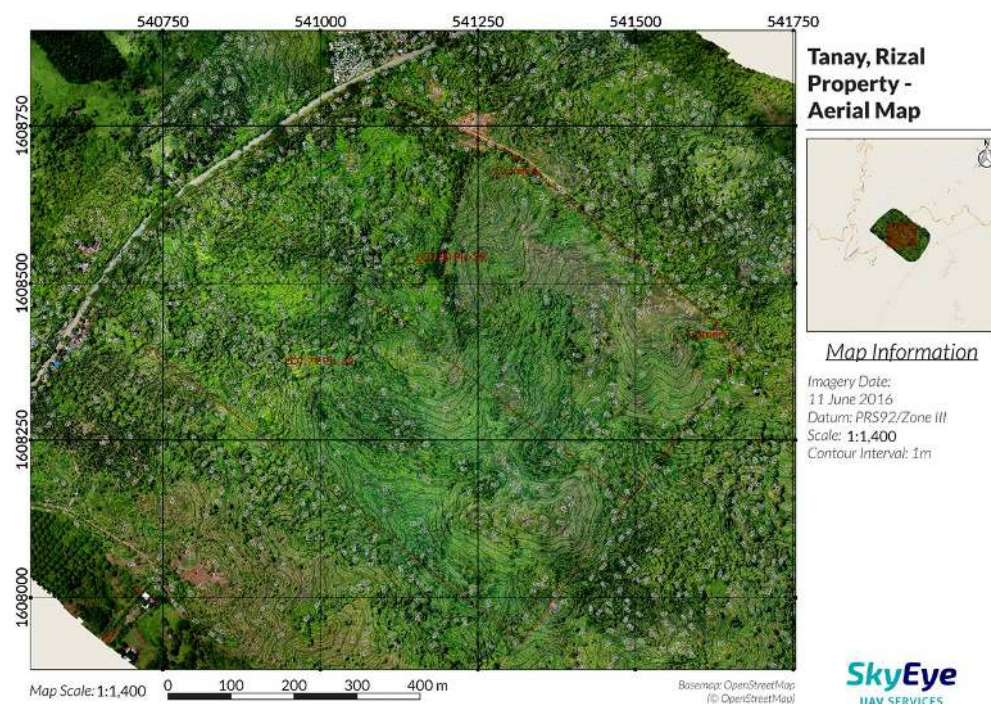
 Google Maps



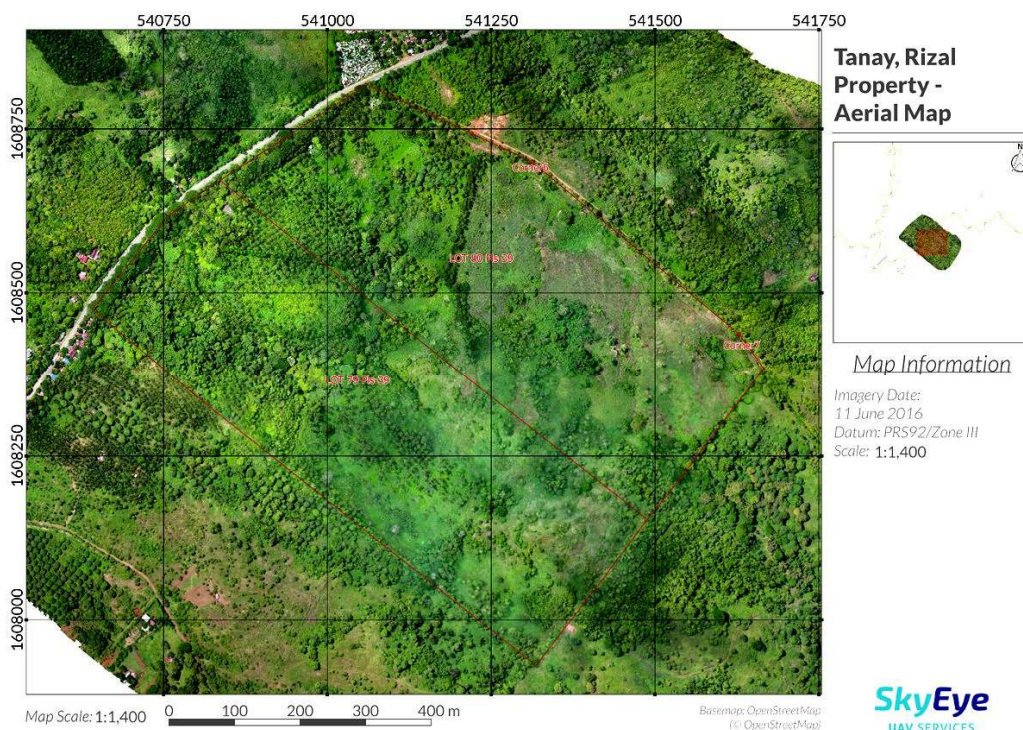
 SkyEye

STANDARD OUTPUTS

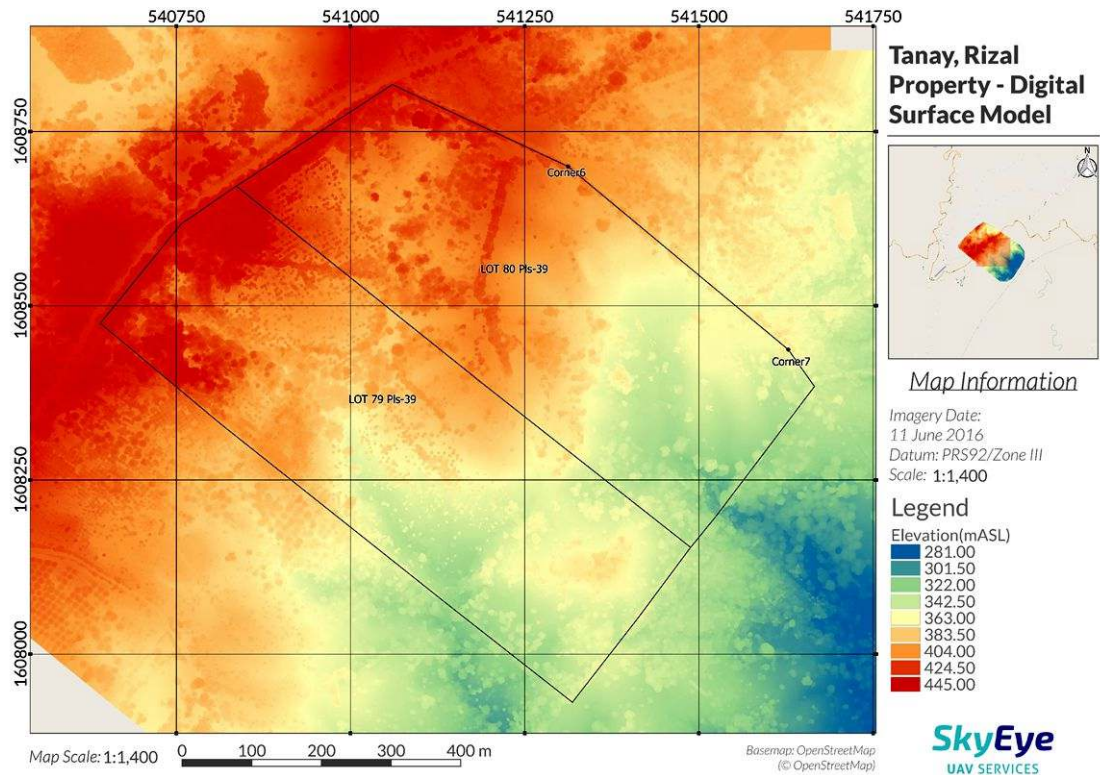
Topographical Map



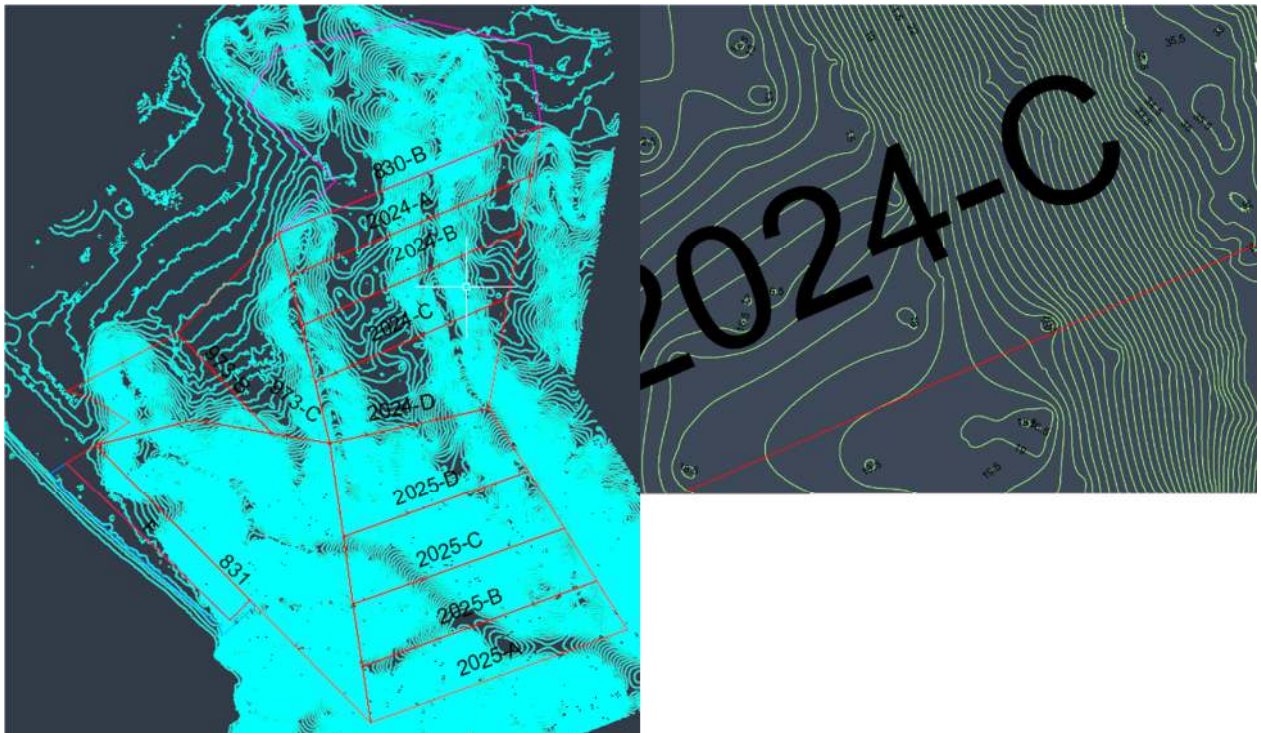
Contour Map



Digital Surface Model



CAD-Ready Contour Drawings



3D Aerial Model



Aerial Video



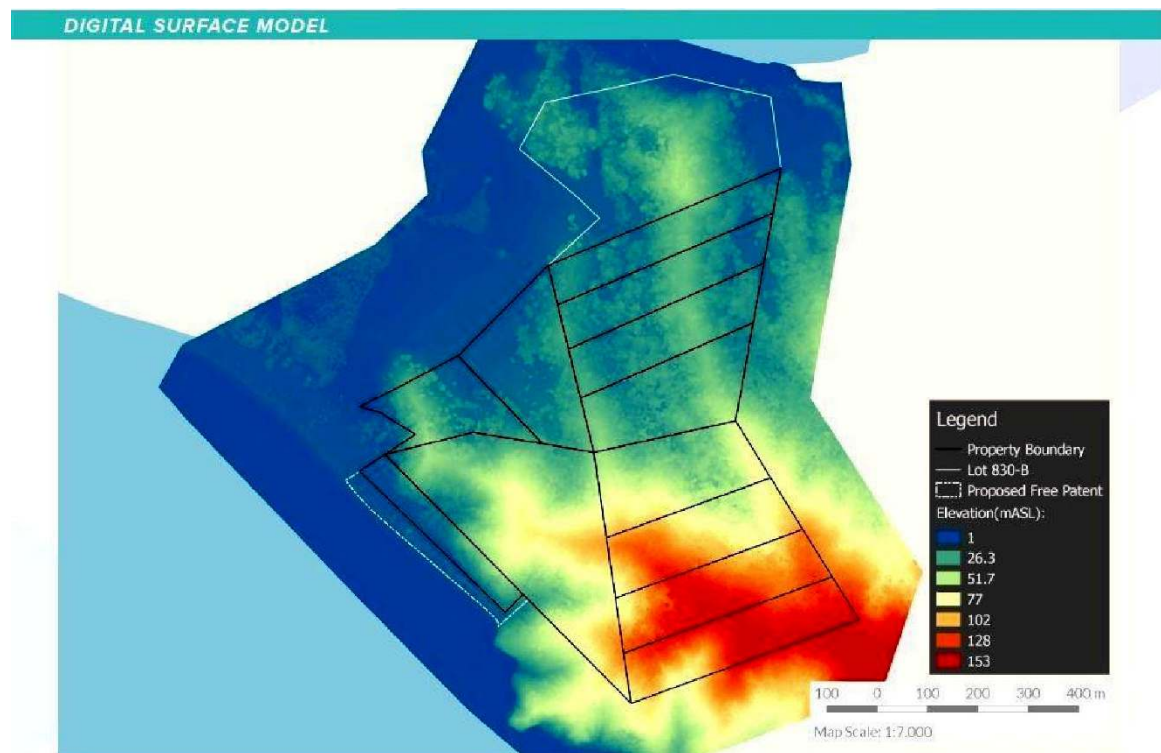
SAMPLE REPORTS

- Reports that helps you define, assess, visualize, compare, measure, highlight, and validate.
- Quality data to equip our customers and partners make the best-informed decision.

Orthomosaic Map



Digital Surface Model



1Meter Contour Map



0.5 Meter Contour Map



3D Site Model

3D MODELLING OF THE SITE



Land Management

LAND MANAGEMENT UNIT



Soil Type Map

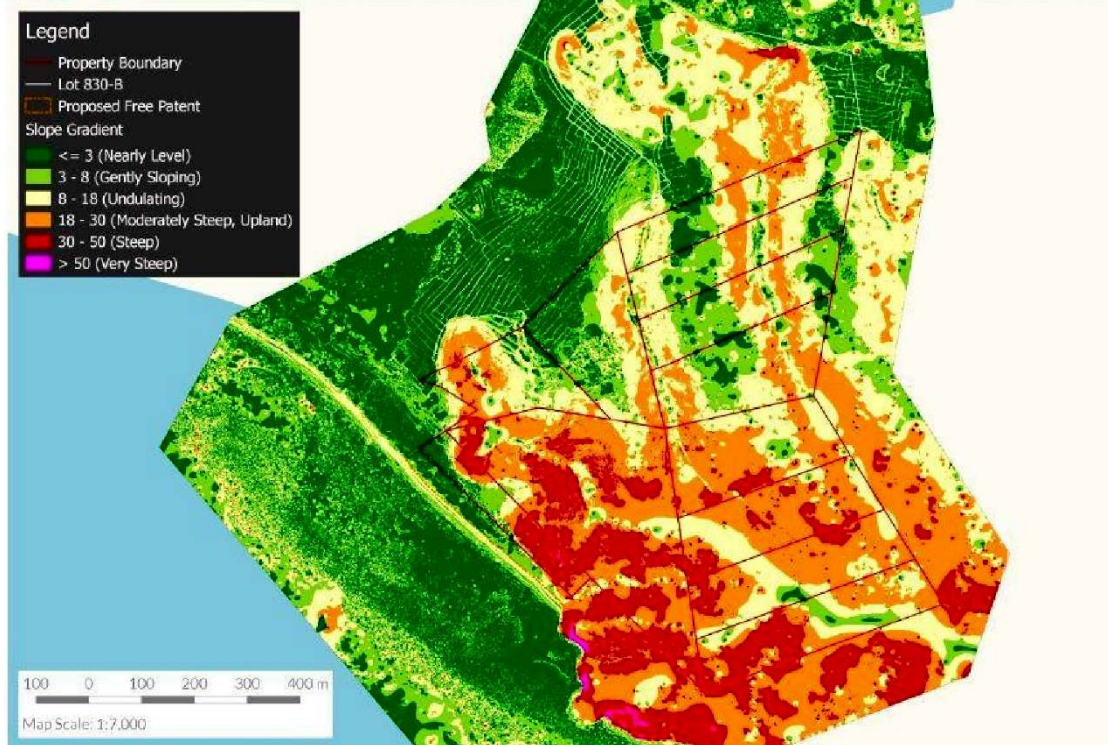


Vegetation Map



Slope Map

SLOPE MAP



Points of Interest Map

POINTS OF INTEREST MAP



Structures Report - Pathways



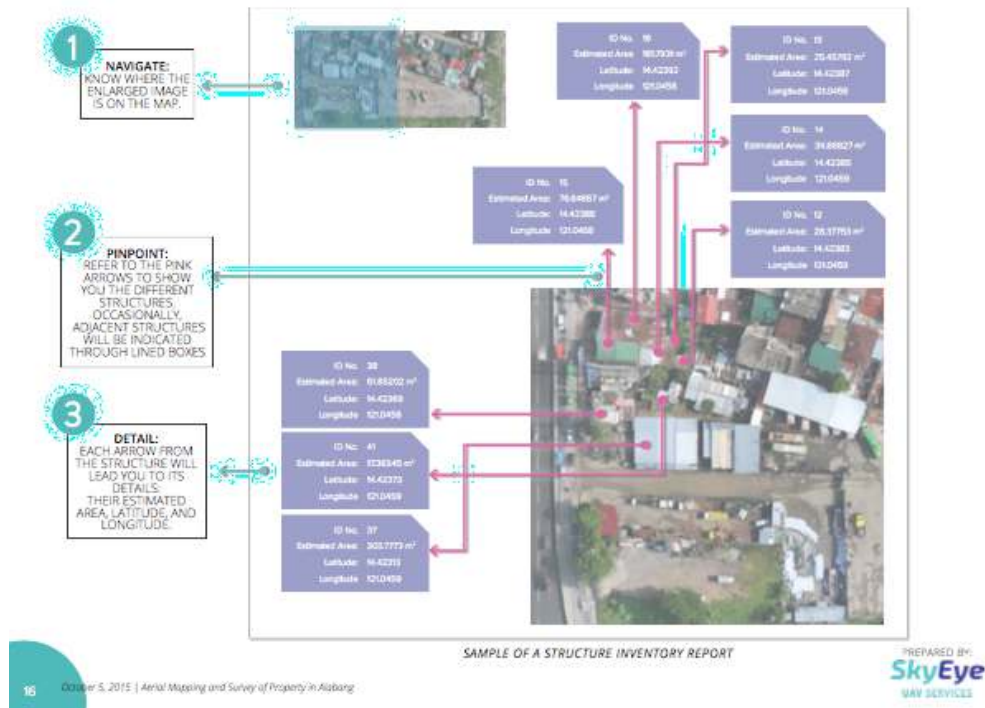
Structure Report - Trees



USE CASES

Structures Inventory Report

HOW TO READ A STRUCTURES INVENTORY REPORT



Object Counting & Tracing – AutoCAD Ready

- Roads, highways, and pathways can be traced to emphasize their location and accessibility.
- Stationary objects of interest like trees, sprinkler nodes, etc. can be highlighted and counted on our maps.





Spatial Analysis

- The structures existing on the area surveyed are cautiously traced to know their extents and count including establishing the size of the area that the structures occupy.



Corridor Mapping for Right of Way (ROW)

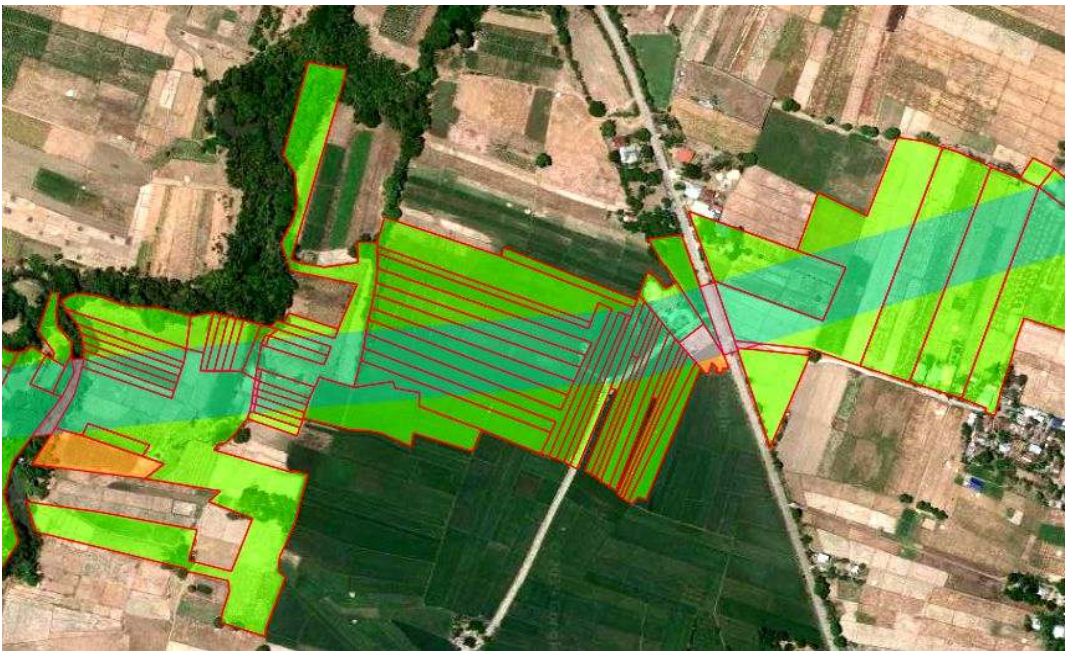
- Properly plan roads and right-of-way development based on facts on the ground.
- Planning power layouts are the same as planning roads especially for right of way.



Right of Way Parcellary Research

11-step funneling process to determine property ownership of affected land in Right-of-Way planning (Based on readily available documents upon request).

Step No.	1	2	3	4	5	6	7	8	9	10	11
Task	Ready 1st request	1st request: Initial Maps (Tax and Cad maps)	Process maps	Ready 2nd request	2nd request: Closer scale Maps (Parcel, Cad maps)	Process maps	Ready 3rd request	3rd request: Acquire Tax Decs	Encode, Scan	Merge TD and Parcels	Finalize into output



Coastline Mapping

- Alleviate concerns and see issues before they arrive
- Providing plans to determine action points for short, medium and the long term after a disaster event or even just after an extreme weather event.



Natural Waterways

COMPARISON OF RIVER SYSTEM WITH AND WITHOUT MANGROVE LINING

- Drones allow to ensure that everyone understands and sees indisputably the stewardship of nature (LEFT) Little to no mangrove lining creates a lot of erosion - highly susceptible to storm surges and widening of river
- Black arrows show erosion



Utility Powerline Monitoring

Tower 150

Location: along Mascap-Puray Road
 Directions: refer to directions to tower 149
 Surroundings: mostly shrubs
 GPS: latitude 14.758042, longitude 121.191143
 Clearances and Improvements:

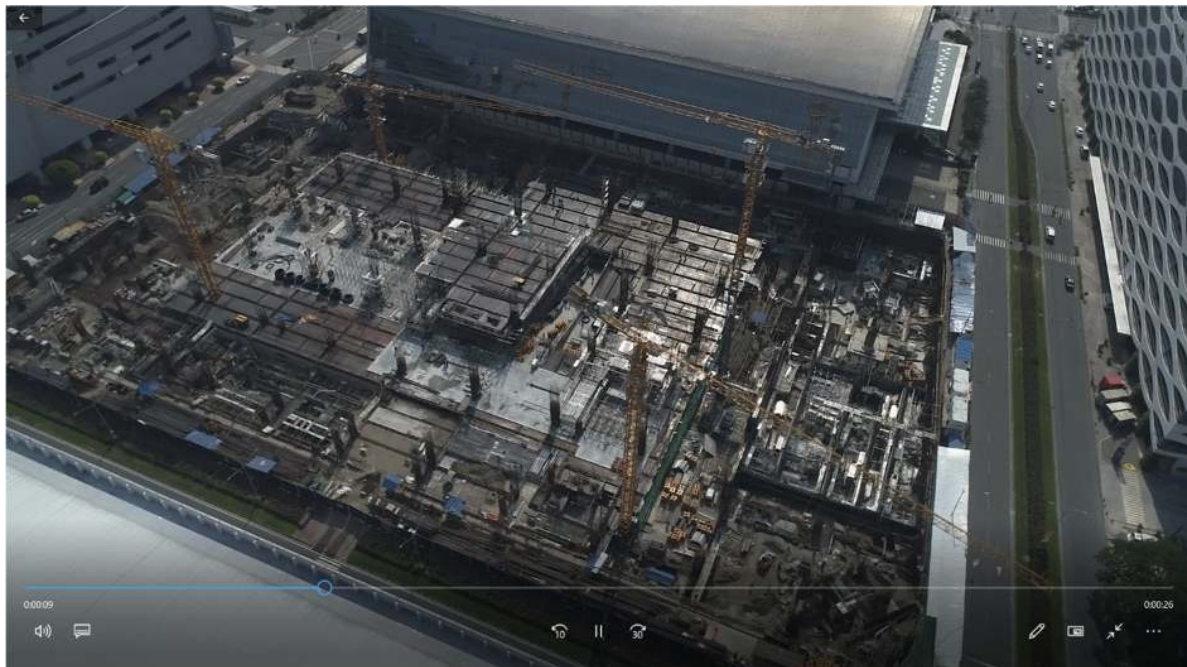
- shrubs in the immediate vicinity at all sides
- road 10 meters South

 Structure Integrity:

- no missing parts
- no line sag
- no major corrosion
- no tilting



Construction Progress Reporting



CUSTOM DRONES


We build and maintain our own custom drones

Custom Hexacopters for thermal scanning




Fixed-wing drones for land asset mapping


We are more than 50% faster, compared to the traditional mapping solution
We can map 100 hectares in less than 48 hours




More than 70,000 Hectares of Data Collected in the Philippines




More than 7,000 Hours of Drone Flight Operations



CONTACT US

 contact@skyeyeproject.com

 +63 (2) 7729-4963

 <https://www.skyeyeph.com/>