FJDynamics

CONTOUR & TERRAIN REPORT

Course: Lake View Golf Club
Survey Area: Selected Hole
Report Date: 16 Apr 2026
Data Source: S2 Max Scan Data
Output Type: Contour & Terrain Report

FJDynamics

CONTOUR & TERRAIN REPORT

Table of Content

Survey Scope & Data Source

This report covers the selected mapped area shown in the contour map. The survey focuses on terrain shape, elevation changes, contour patterns, and local terrain transitions across the course area.

The mapped area includes playable and maintenance-related terrain features where visible in the contour output, including:

- Main fairway / playing corridor
- Green and approach-related terrain areas
- Bunker or feature surrounds where marked by contour boundaries
- Rough or transition areas within the mapped boundary
- Local high and low terrain features
- Other mapped course features shown in the contour output

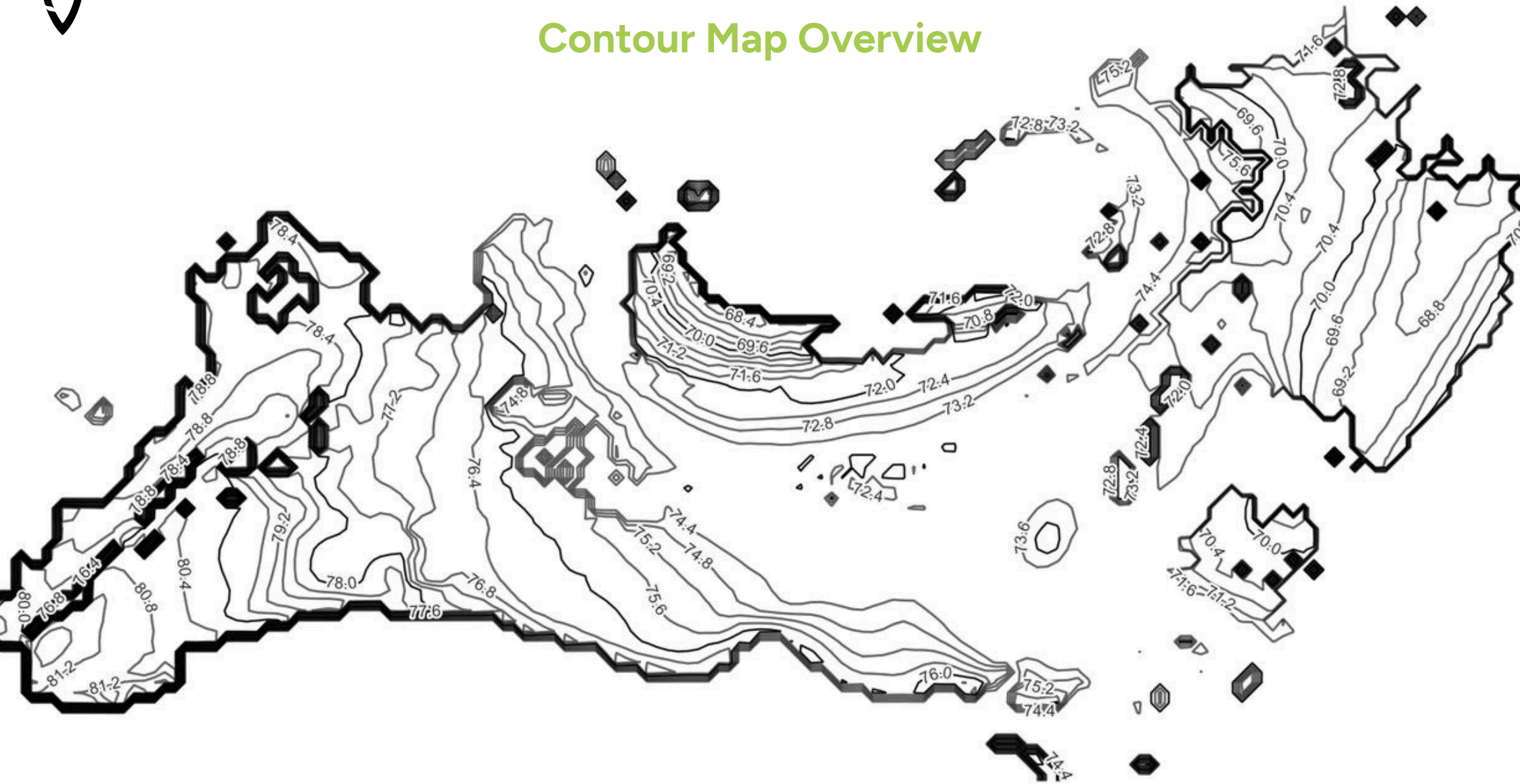
Data Source
S2 Max: 3D terrain scan, point cloud data, surface reference

GolfMind Processing: Used to convert scanned terrain data into a readable contour map for planning reference, terrain review, and course management discussion.

3D Point Cloud View

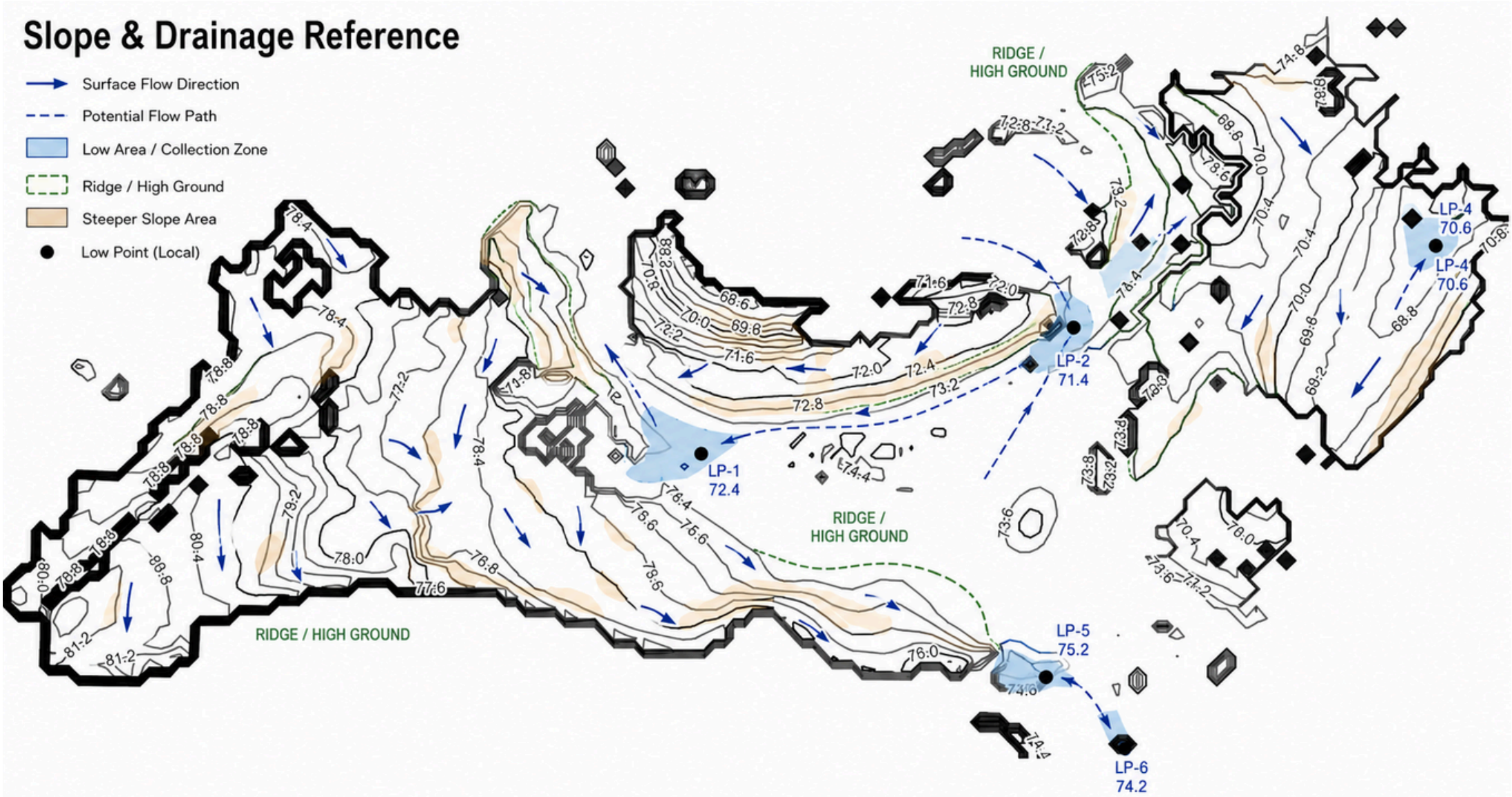
The point cloud view shows the scanned terrain surface used to build the course terrain model. It provides the base data for contour generation, elevation review, slope interpretation, and low-point analysis.

Contour Map Overview



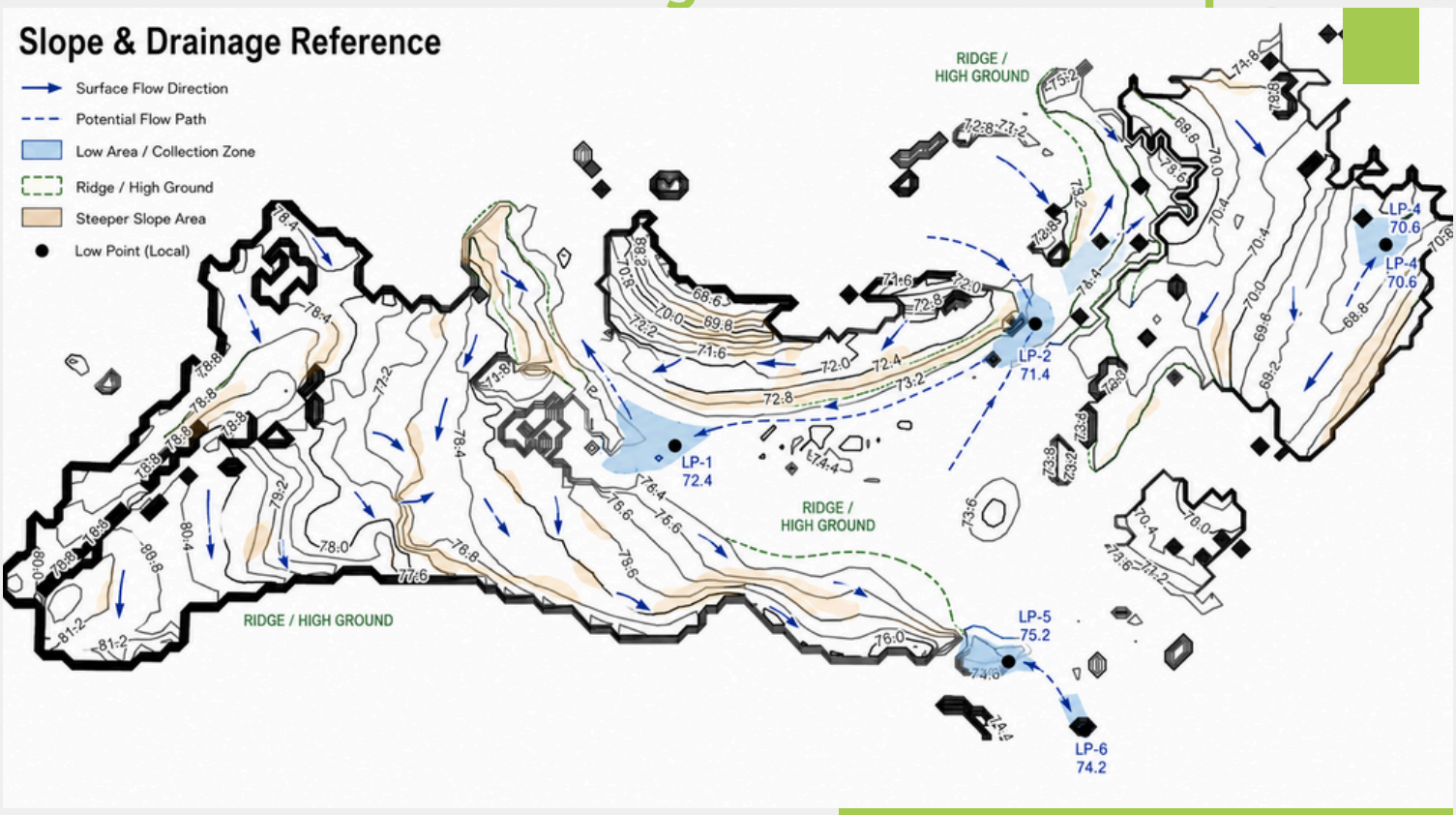
The contour map converts 3D terrain data into readable elevation lines, helping the maintenance team understand how the ground rises, falls, and transitions across the mapped course area.

Low-Point & Drainage Review Areas Map



Use the slope and drainage reference to identify terrain areas that may need field checks after rainfall, irrigation cycles, or renovation planning.

Low-Point & Drainage Review Areas Report



Review Area	What the Map Suggests	Recommended Field Check
LP-1 Central Low Area	Potential collection point along the central terrain transition	Soft turf, standing water, or slow surface drainage after rainfall
LP-2 Upper Transition Area	Flow paths appear to move toward this lower transition zone	Review surface flow direction and nearby drainage outlets
LP-4 Right-Side Lower Area	Lower contour references and flow arrows suggest a possible low-point review	Inspect after irrigation cycles and heavy rain
LP-5 Lower Boundary Area	Local low area close to the mapped boundary	Check runoff direction, erosion risk, and maintenance access
LP-6 Edge Collection Area	Potential runoff collection near the lower edge of the mapped area	Review whether water exits the area cleanly or slows near the boundary

Use the slope and drainage reference to focus field checks on areas where terrain shape may affect drainage, turf firmness, and maintenance access.

Recommended Field Use

Review Focus	Recommended Use
Post-rainfall inspection	Check mapped low areas after heavy rain
Known wet spots	Compare terrain data with field observations
Drainage discussion	Use low-point references when reviewing drainage needs
Contractor briefing	Share mapped terrain concerns before grading or renovation
Course record update	Update records after field checks or completed work

Applications:

Post-Rainfall Checks · Low-Point Review · Drainage Planning · Irrigation Updates · Contractor Briefing