



# CASE STUDY:

## Gold Coast Stadium

### OVERVIEW

Vekta was commissioned as survey consultant to the Managing Contractor for the construction of the Gold Coast Stadium. The project called for a variety of specialised survey skills from dilapidation reporting, to aerial surveys for ongoing engineering construction and design surveys through to land title registration. The project was commissioned in December 2009 and concluded in the May 2011.

### SITUATION

Carrara Stadium re-opened in mid-2011 following a \$144 million complete redevelopment into a 25,000-seat stadium for the new Gold Coast Suns AFL club. All that remains of the old stadium are the six light towers with everything else flattened. Original plans were for two main grandstands on either side with uncovered seating behind both goals, however additional funding allowed for the roof to continue around the Southern end. A major concern for the redevelopment project was the impact on the adjoining Indoor Stadium, Park and Ride Car Park facility and Broadbeach Road.

### ACTION

The use of a survey consultant to manage all of the survey and mapping requirements across the redevelopment site enabled the Managing Contractor to achieve a cost efficient operation available 24 hours per day.

Prior to construction commencing the Managing Contractor commissioned a full dilapidation survey of the surrounding area. This survey was pivotal in determining the impact of construction on the surrounding buildings and infrastructure and was the primary evidence for any future claims.

Aerial imagery was captured, processed and delivered of the arterial road adjoining the site allowed the Managing Contractor to make informed decisions with regard to the vehicular and pedestrian traffic management around the site throughout the construction phases.

The appointment of a single survey consultant during the construction phase enabled the Managing Contractor to have confidence in the data being collected consistently, marked out, and referenced for all design and construction decisions. Another key benefit was the reliable communications and understanding of daily needs from the one survey manager.

### RESULT

The redevelopment has transformed the old Carrara Stadium into a world-class venue. Vekta's Consultancy provided the Managing Contractor with the benefits of using a multi-disciplinary spatial organisation with the ability to deploy the most suitable technology to address issues as they arose throughout the construction lifecycle.

