DRAWINGS FOR

BONRIKI AIRPORT
PERIMETER FENCING

FOR TENDER ISSUE
21/08/2013
NOTES:

SETTING OUT
Prior to the beginning of the work the Contractor shall locate the position of the work by establishing and marking the proposed fence line using 1m tall fluorescent painted stakes at a nominal 50m spacing, plus staking all corners and proposed gates and pedestrian access points. Subject to public consultation inputs managed by the Engineer, the Contractor is to allow for realignment of the fence following the public consultation process. Further to this realignment may also be required pending utility services locations and the practical on site considerations with regards to fencing alongside existing road formations. The Contractor is to allow for significant adjustments to the fence alignment setting out above prior to actual construction.

SERVICES
Electrical conduits, water pipes and related are located in the vicinity of the majority of the fence alignment. The Contractor shall arrange for location of existing services with local utility providers and if so required make alterations to alignments in co-ordination with the Engineer during setting out of the works.

CLEARING FENCE LINE
During the setting out process the Contractor shall clear the site to facilitate final construction. All trees, brush, stump, log, and other debris which would interfere with the proper construction of the fence in the required location shall be removed a minimum width of 1m on each side of the fence centre line before starting fencing operations.

DEMOLITION OF EXISTING
The Contractor will be required to demolish and remove sections of existing fence on site, noting the need to maintain security requirements in the vicinity of the terminal building area. All demolition materials are to be removed from site and disposed of in an approved manner by the Contractor.

FET TO EXISTING FENCING
The Contractor is to allow for termination of existing fencing in the vicinity of the ASY fire station building and connect of existing fencing to the new fencing at these locations. This work is to allow for all modifications to the existing fence, cutting and re-terminating of existing wires and mesh and related at the connection positions.

NOT FOR CONSTRUCTION

PACIFIC AVIATION INVESTMENT PROGRAM (PAIP)
BONIRI INTERNATIONAL AIRPORT [TRW]
PERIMETER FENCE LAYOUT PLAN
SHEET 1 OF 2
NOTES:

SHEAR PLATE BASES

All UPVC fence posts shall include a shear plate base, these are to be frictional in accordance with
2. Engineering Technical Letter (ETL) 07-09: Guidelines for Airfield Frangibility Zones
   (copy attached to the Technical specifications).

DESIGN WIND SPEED

All fencing structures and related fence shall be designed and detailed to withstand wind speeds of 40 meters per second, refer section B1.2 of the International Building Code.

CONCRETE

Concrete shall be of a commercial grade with a minimum 28-day compressive strength of 17 MPa.

WILDLIFE DETERRENT

All fence units are to include a wildlife deterrent ground mesh fabric installation, refer specification for additional details.

INSTALLING WILDLIFE DETERRENT FABRIC