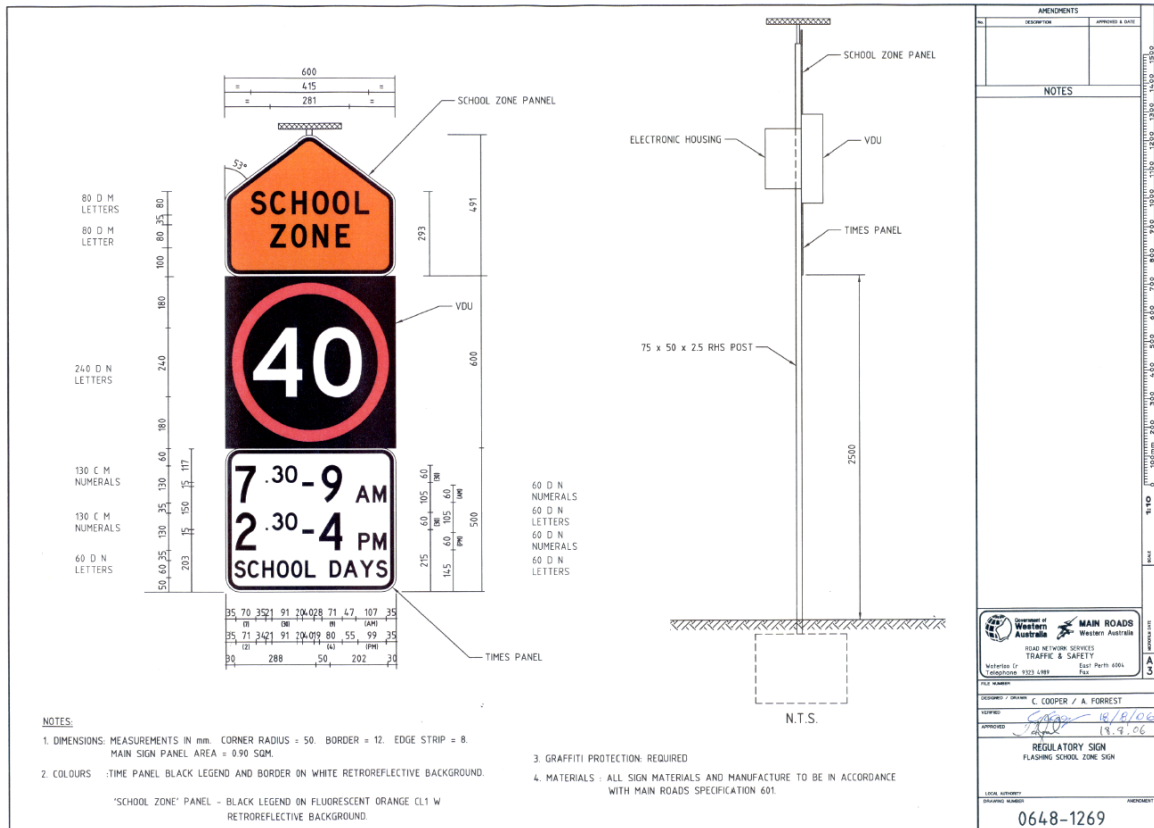


## 40kmph School Zone flashing speed limit sign



(VDU only supplied)

This product meets or exceeds Main Roads (WA)  
Electronic School Zone Sign General Specifications.

### *Features.*

- High performance Lithium battery pack.  
Battery operating temperature range -40 to +75 °C  
capacity suitable for 1 month operation in the case of solar panel loss.  
Typical life expectancy 10 years or 2000 cycles.
- Two independent mono crystalline solar panels.
- Twin microprocessor control.  
One micro handles Ethernet communication to the broadband network as well as the time / date / event functions.  
The second micro handles all the monitoring, battery management and LED flashing sequences.
- Extensive fault finding and diagnostics functions are built in including watch dog timers.
- GPS location.  
Built in GPS receiver for accurate time and also sign location management.
- Tilt sensor.  
To report damaged pole / mounting.
- Central control software via the internet.  
Windows XP / Vista operating system.  
Software runs as Labview executable.  
Up to 1024 school speed signs at 256 school locations can be configured and monitored (expandable).  
Annual school calendars (event lists) can be uploaded / downloaded at any time.  
Signs can be accessed individually or in groups of school site / town.  
If video / Ethernet options are fitted then video can be viewed / recorded.
- Schools (Principal) can be given individual secure internet logins to extend sign operation times for special events or cancel for unscheduled non school days.
- System monitoring and fault reporting.  
Individual battery voltages, state of charge, individual solar panel outputs.  
Sign cabinet temperature,  
LED display currents (LED fault) detection.  
Sign cabinet tilt and location.  
Resort to last valid event calendar and communications error detection.  
Statistical reports on sign operation and maintenance requirements can be generated.
- Security.  
All communications are encrypted and password protected and employ system specific checksums for data and control security.
- Construction.  
Sign cabinet – marine grade aluminium, powder coated to MRD standard.  
Polycarbonate, high impact resistance display face.  
Convenient swing out display allowing access to batteries.  
High intensity LEDs for clear daytime visibility.

Warranty 12 months from date of supply on parts and labour on return to our factory basis.

Onsite repair by arrangement.

Faulty unit on exchange basis by arrangement.

The units are designed and manufactured by us in Perth from local and overseas components and qualify for made in WA status.

DBC can repair at the component level for minimal cost.

*DBC are continuously adopting new technologies and reserve the right to upgrade this product to latest best practice whilst still meeting or exceeding MRD requirements.*