





## GeoPDF Overview

The GeoPDF is an excellent format for the dissemination of spatial data to the wider community. As it is a PDF file, everyone with Adobe Reader can view it without requiring specialised training. GeoPDFs can be created using the Map2PDF extensions available for ArcGIS and Adobe Professional.

### Key features include-

- View and manipulate layers – on/off
- Create spatial bookmarks – navigate directly to a feature – eg zoom to a street
- Search and display object attributes
- Hyperlinks from objects to other PDF documents and maps

### With the free Reader plug-in it is possible to

- Measure distances
- View coordinates
- Zoom to coordinates
- Change projections
- Track location by GPS

### Functions available within native Adobe reader include

- Red line mark up
- Stamp tool that can be customised with symbol sets
- Security – password enable or time out the PDF after a certain date
- Collaboration – users can markup the PDF with comments and send back to HQ for authorisation

## GeoPDF Tour

The instructions below describe the features available in the Urban GeoPDF Sample.

### Layers

Use the **Layers Tab** on the left hand side of the window to view the individual layers that make up the map.

- turn the individual layers on and off to modify the look and feel of the map.

### Bookmarks

It is possible to navigate to predefined locations on the map using the **Bookmarks Tab**.

- Use the zoom tool to take a closer look at the map
- Open the bookmarks tab and select the map features list
- Select the roads bookmarks and click on Boden and then Ellis.
- The map view should now be located at the relevant road

The spatial bookmarks are created automatically with Map2PDF by simply selecting which layers/attributes are to be used.

### Attributes

The GeoPDF document contains attributes of objects shown on the map. These attributes are searchable and can be displayed.

- Use the **Search Tool** (binoculars icon or edit menu) to enter the search term "Boden"
- This will return 3 matches. The first is the label and the other two refer to the attributes on the road vector.
- Clicking on the search result will zoom to Boden Street. (make sure that you are close enough to view the street names).
- Hide the search dialogue and zoom out a little so that the lot parcels are shown.
- Select the **Object Data Tool** from the tools menu
- Clicking within a lot will display a list of the attributes associated with that lot
- Other objects such as roads, sewer lines and manholes can be selected to reveal the associated attributes.

### Hyperlinks

The objects within a GeoPDF can be linked to other PDF documents, such as floor plans, electrical schematics, procedural documents, specifications, blueprints etc.

- Zoom to the building that is highlighted with the red cloud mark up
- Using the standard **Select Tool** click on the building polygon.
- A separate PDF showing the electrical layout is now displayed.

### GeoTools

A free Map2PDF plug in for Adobe Reader is available from [www.webmap.com.au](http://www.webmap.com.au)

The Map2PDF toolbar provides the following functions

- **Georegister** – define and change projections
- **GeoDisplay** – display coordinates
- **GeoZoom** – zoom to a specified coordinate
- **GeoTrack** – display your current location as defined by an attached GPS
- **GeoMeasure** – measure bearing and distances on the map. Try measuring the length of the cricket pitch.

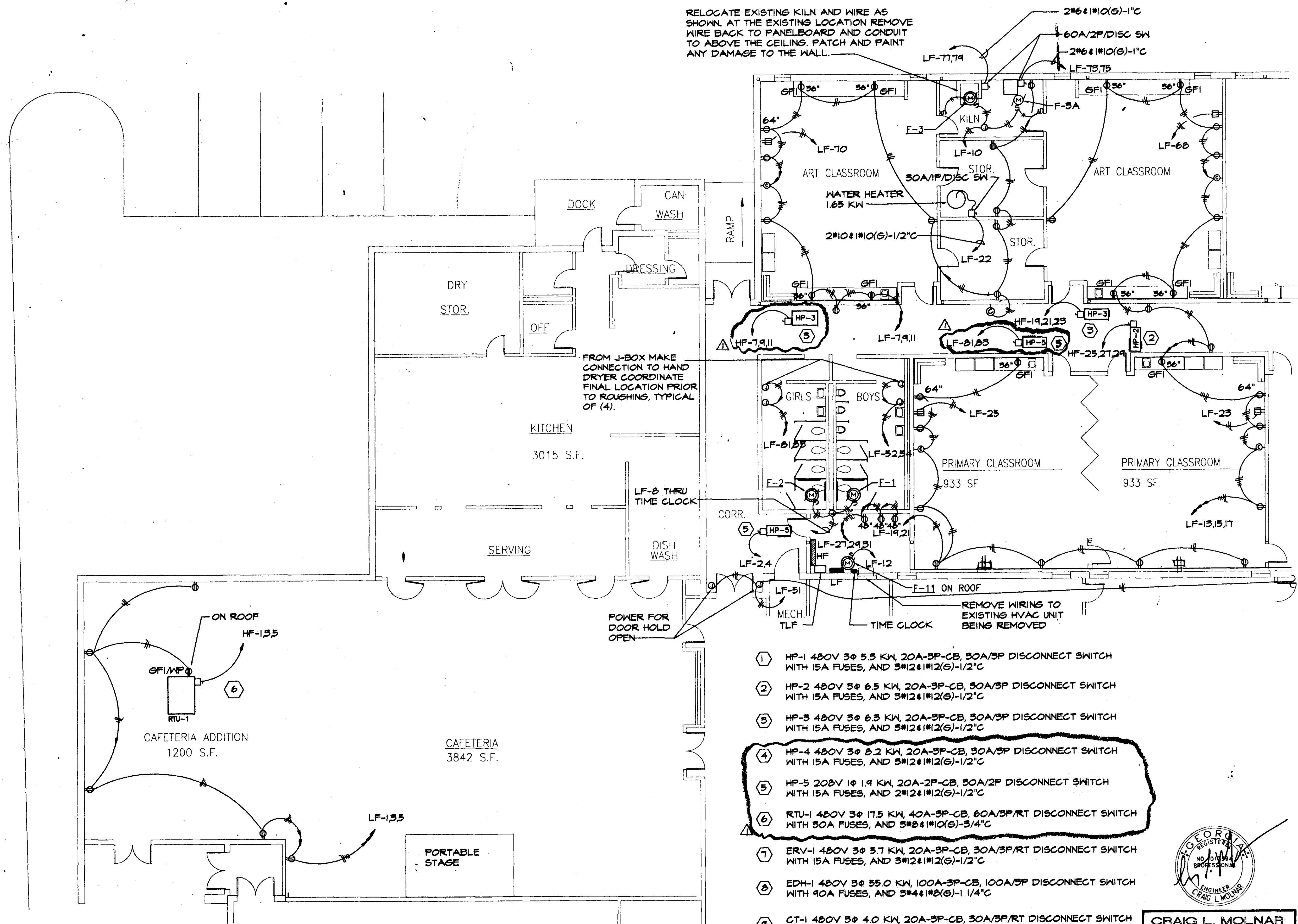
### Markup & Collaboration

The GeoPDF sample has been enabled to allow the user to annotate and attach comments to the PDF file. The **Drawing Markup Tools** provide basic annotation and drafting of linework and text. The **Commenting Tools** allow the user to add comments, attach files and apply stamps.

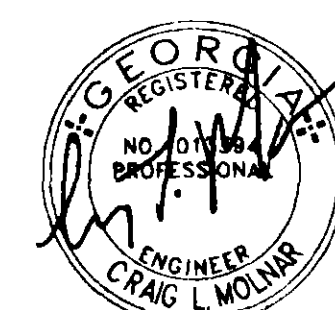
- Zoom to the cricket pitch and using the Select Tool and hover over the dimensioning arrows.
- The comments associated with the drawing and markup are shown as mouse over tips.
- Clicking on the markup allows the user to add comments.
- The comments are stored in the PDF and can be viewed and exported using the **Comments Tab** on the lower left of the window.
- The stamp to the southeast of the school oval also has comments attached.

### Help

The Map2PDF toolbar contains a help file. If you have any questions or wish to trial or order the Map2PDF product please visit [www.webmap.com.au](http://www.webmap.com.au) or contact Webmap on the numbers below.



- ① HP-1 480V 3φ 5.3 KW, 20A-3P-CB, 30A/3P DISCONNECT SWITCH WITH 15A FUSES, AND 3#12#1#2(G)-1/2" C
- ② HP-2 480V 3φ 6.5 KW, 20A-3P-CB, 30A/3P DISCONNECT SWITCH WITH 15A FUSES, AND 3#12#1#2(G)-1/2" C
- ③ HP-3 480V 3φ 6.3 KW, 20A-3P-CB, 30A/3P DISCONNECT SWITCH WITH 15A FUSES, AND 3#12#1#2(G)-1/2" C
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- ⑥ RTU-1 480V 3φ 17.5 KW, 40A-3P-CB, 60A/3P/RT DISCONNECT SWITCH WITH 30A FUSES, AND 3#8#1#10(G)-3/4" C
- ⑦ ERY-1 480V 3φ 5.7 KW, 20A-3P-CB, 30A/3P/RT DISCONNECT SWITCH WITH 15A FUSES, AND 3#12#1#2(G)-1/2" C
- ⑧ EDH-1 480V 3φ 35.0 KW, 100A-3P-CB, 100A/3P DISCONNECT SWITCH WITH 90A FUSES, AND 3#4#1#8(G)-1 1/4" C
- ⑨ CT-1 480V 3φ 4.0 KW, 20A-3P-CB, 30A/3P/RT DISCONNECT SWITCH WITH 15A FUSES, AND 3#12#1#2(G)-1/2" C
- ⑩ CT-1 BASIN HEATER 480V 3φ 10.0 KW, 20A/3P/CB, 30A/3P/RT DISCONNECT SWITCH WITH 20A FUSES, AND 3#12#1#2(G)-1/2" C



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1 FLOOR PLAN - POWER  
E-4 SCALE: 1/8" = 1'-0"

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**COBB COUNTY SCHOOL DISTRICT**  
**BAKER ELEMENTARY SCHOOL**  
**ADDITIONS AND ALTERATIONS**  
CCSD NO. 256/2684A/ADD

DESIGNED BY: CLM  
DRAWN BY: EKL  
CHECKED BY: CLM  
DATE: 11/9/95  
JOB NO: 15654  
SCALE: AS SHOWN

DRAWING NUMBER

**E-4**

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