

# **LEARN DESIGN & DRAWING CONTROL**

**A DBM Software for Control of Design  
& Drawing Manhours**

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# Design & Drawing Control

	<a href="#"><u>Introduction</u></a>
Step No 1	<a href="#"><u>Create New File</u></a>
	<b>Project Details</b>
Step No 2	<a href="#"><u>Company Details</u></a>
Step No 3	<a href="#"><u>Project Info</u></a>
Step No 4	<a href="#"><u>Departments</u></a>
	<b>Drawing Details</b>
Step No 5	<a href="#"><u>Drawing Size</u></a>
Step No 6	<a href="#"><u>Drawing Schedule</u></a>
Step No 7	<a href="#"><u>Drawing Manhours</u></a>
Step No 8	<a href="#"><u>Daily Progress</u></a>
	<b>Edit / Delete</b>
	<a href="#"><u>Edit Department Code</u></a>
	<a href="#"><u>Delete Department Code</u></a>
	<a href="#"><u>Edit Drawing No</u></a>
	<a href="#"><u>Delete Drawing No</u></a>
Step No 9	<a href="#"><u>Drawing Revisions</u></a>
Step No 10	<b>Reports</b>
	<a href="#"><u>Department Cost / Progress / Profit</u></a>
	<a href="#"><u>Project Progress / Profit</u></a>
	<a href="#"><u>Email</u></a>
	<a href="#"><u>Export</u></a>
	<a href="#"><u>Utilities</u></a>

# Design & Drawing Control

Design and Drawing Control is a Database Management Software for Control Of Design and Drawing Manhours of Drawings in a Project.

Salient Features of Design and Drawing Control Software are as follows:

## Company Info:

This Option holds Details of the Organization like its address, Client Name, Company Logo and Email Settings etc.

## Project Info:

Under Project Details, user to enter Project Location Details, Total No. of Drawings, Cost Of Project, Consultancy Cost, Rate of Designing and Drafting and Profit %.

The Rate of Designing and Drafting and Profit % will be used while Reporting.

## Departments:

In this Option a user to add the various Departments, under which the drawings are to be Designed/Drafted.

## Drawing Schedule

Under Drawing Schedule, a user to enter Drawing/ Document Nos. for each Department.

For each new Record user to enter Drawing No, its Rev no. , Description and Drawing Size.

If a Drawing is revised, user to add a new record with same Drg no & different Rev No.

If the No. of drawings entered in this Option exceeds the No. of Drawings mentioned in Project Info, an error message will be generated.

## Drawing Manhours

In this Option a user to enter the Start & Finish Date of Drawing, Design & Drawing Manhours & Overtime Hours required for Completion of the Drawing.

The Start and Finish date of Drawing Entered in this Option will be used in the Drawing Status Report.

The Design & Drawing Manhours & Overtime Hours entered in this Option, will be used in Reports such as Drawing Cost, Drawing Status, Current Revision and Monthwise Profit.

Only the Drawing Nos. entered in the Drg Schedule Option will be available here.

To add a new Drawing/ Document No., use the Drawing Schedule Option.

If the Total Cost of Consultancy from all Departments (calculated from individual Designing and Drawing Manhours and their corresponding Manhour Rates) exceeds the Consultancy Fees mentioned in Project Info, an error message will be generated.

### **Daily Drawing Progress :**

In this Option a user to add Daily Design & Drawing Manhours & Overtime hours Utilized for each Drawing under a Particular Department (Dept) on that Day.

The Monthwise Department and Project Progress will be calculated from the Daily Design & Drawing Manhours & Overtime hours Utilized.

If the value of Cumulative Drawing Manhours & Overtime Hours for a Drawing is shown in Red, it indicates that Manhours have exceeded the maximum values entered in the Drawing Manhours Option.

In this case a user to check the Data entered or change the Manhours entered in the Drawing Manhours Option.

An Error message will be displayed if a Rev no. for a drawing is entered which is not found in Drg Schedule.

Hence before entering a new Rev No for a Drawing No. first add a new Record with same Drg no & the new Rev No in the Drg Schedule Option.

### **Drawing Revision / Remarks :**

In this Option a user to add Details of Drg revisions/ Remarks, if any. Drg revision/ Remarks is only for record purpose.

### **Reports:**

#### **Department Cost / Progress / Profit :**

Reports under this option are as follows:

##### **1. Drawing Cost :**

Displays the Cost of Designing, Drawing and Total Cost per Drawing, calculated from individual Designing and Drawing Manhours and their corresponding Manhour Rates.

## **2. Monthly Drawing Progress**

Displays the Monthwise % Progress of a Drawing.

If the % Designing / Drawing Completed is shown in Red, it indicates that the Manhours have Exceeded.

The Monthwise % Progress of a Drawing is the % of Manhours Consumed to the Total Manhours allotted to the Drawing in the Drawing Manhours Option.

## **3. Drawing Status**

Displays the Status of Drawing as on Today (Day of which report is Viewed). It will mention the Status of Work as Completed / Yet to Start or Lagging.

The Status is calculated from the Start and Finish Date of the Drawing mentioned in the Drawing Manhours Option.

## **4. Current Revision**

Displays the Current Revision of Drawing and its Progress.

The current Revision is obtained from the Daily drawing Progress , whereas the Progress is calculated as the % of Manhours Consumed to the Total Manhours allotted to the Drawing in the Drawing Manhours Option.

## **5. Monthwise Profit**

Displays Monthwise Cumulative Profit for a Department.

Profit = Total Manhour Cost for a Department \* Profit / hr (entered in Project Info Option)

## **6. Department Progress**

Displays the Monthwise Cumulative Progress of each Department.

The Progress is calculated as the % of Manhours Consumed by the Drawings under the Department to the Total Manhours allotted to the Drawings in the Department in the Drawing Manhours Option.

## **Project Progress / Profit**

Reports under this option are as follows:

### **1. Monthwise Profit**

Displays Monthwise Project Profit considering Profit from all Departments.

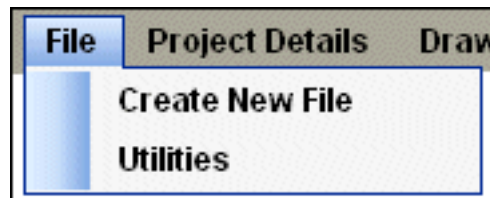
### **2. Project Progress**

Displays Monthwise Progress of Project considering Progress from all Departments.

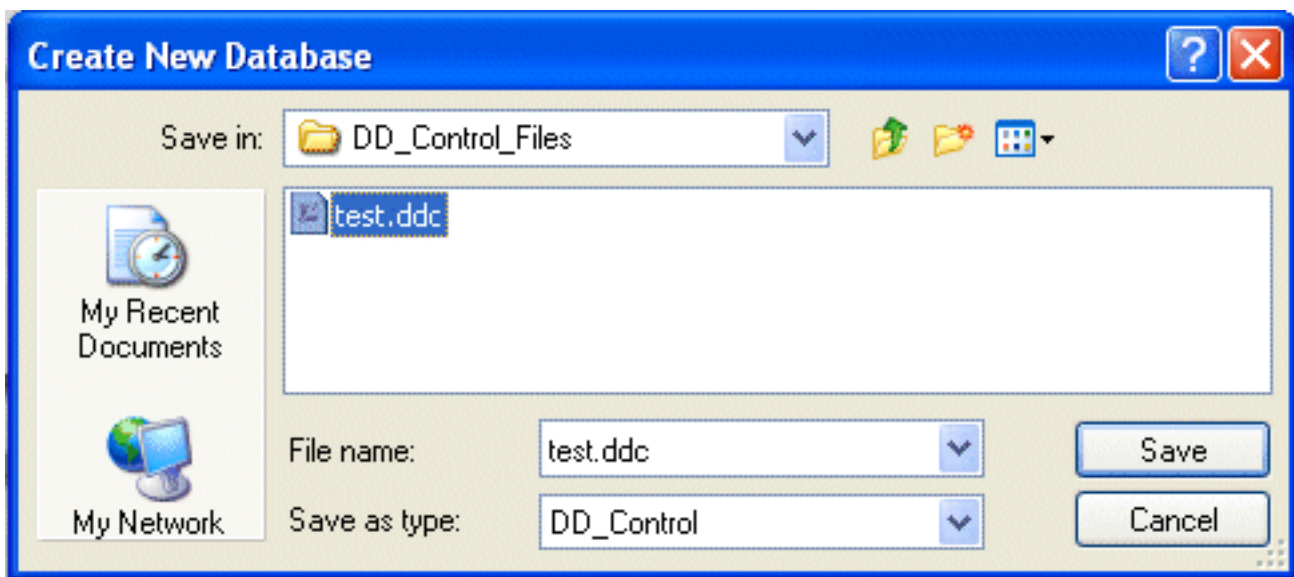
# Design & Drawing Control

## New Database / File Creation

In Order to Create A New Database, Select "FILE" on the Main Menu , from the drop down menu Select "Create New File" as Shown below.



A Create New Database window dialogue box appears. Browse for the File Location and Name the File. Here, the File is named test.



The Project Info page Opens up.

Enter the Project Information, such as Organization, Client, Project & Building ID, Project Commencement Date, Project Cost, Project Duration, No of Drawings, Cosultancy Fees, Basic & Overtime Rates for Designing & Drawing and % Profit/hr in the respective textfields.

Basic Rate implies rate exclusive of Profit & Overheads.

# PROJECT INFO

Organization :	<input type="text" value="Super Civil Cd"/>
Client :	<input type="text" value="Xyz Consultants"/>
Project ID :	<input type="text" value="P102"/>
Building ID :	<input type="text" value="B102"/>
Commencement Date :	<input type="text" value="03/ 5 /2010"/> <input type="button" value="v"/>
Project Duration (Months) :	<input type="text" value="12"/>
No of Drawings :	<input type="text" value="50"/>
Project Cost :	<input type="text" value="10000000"/>
Consultancy Fees :	<input type="text" value="100000"/>
** Basic Normal Designing Rate / hr :	<input type="text" value="100"/>
** Basic Normal Drawing Rate / hr :	<input type="text" value="50"/>
** Basic Overtime Designing Rate / hr :	<input type="text" value="150"/>
** Basic Overtime Drawing Rate / hr :	<input type="text" value="75"/>
% Profit / hr :	<input type="text" value="10"/>

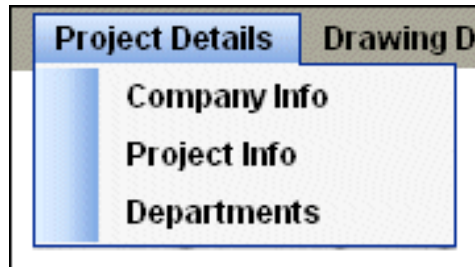
\*\* Basic - Does not include  
Profit and Overheads

For Detailed Explanation on Project Info , Refer [Project Info.](#)

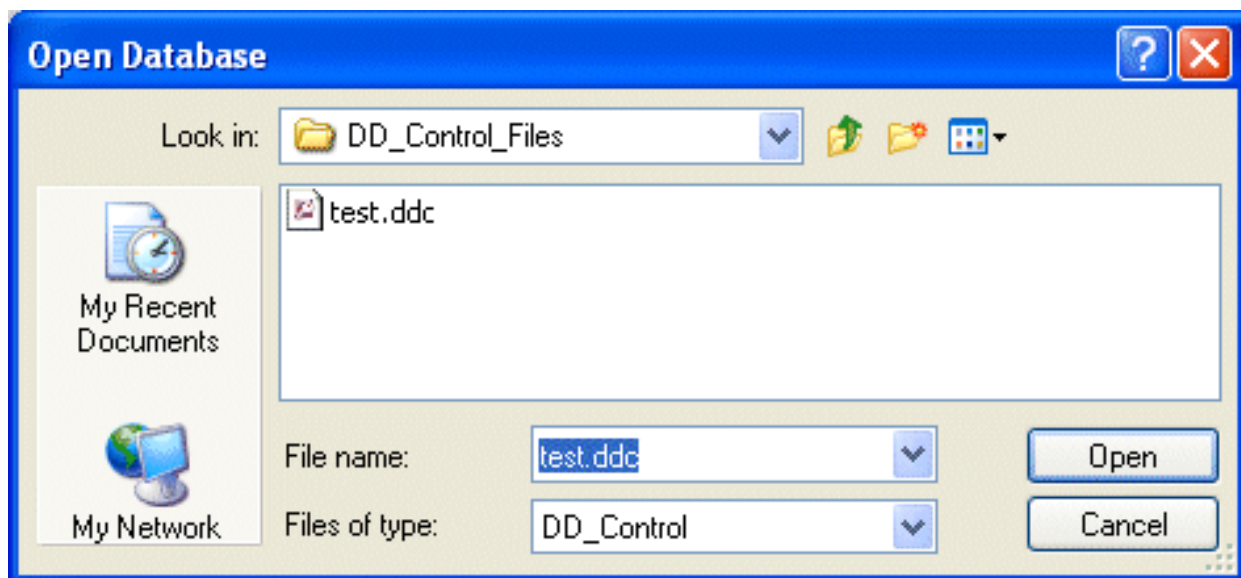
# Design & Drawing Control

## Company Details

To add Company's Details , Select "Project Details" on the Main Menu , from the drop down menu Select "Company Info" as Shown below.



Following graphics will be displayed. Open the file created in Step No 1.



The Company Details page will Open up.



# COMPANY INFO

Company Details

Client

Notes

Logo

Signatures

Email Details

Company Name :

Super Civil CD

Door No:

1802, Jamuna Amrut,

Street :

219 , Patel Estate , Jogeshwari (w)

City:

Mumbai

Pin:

400102

Contact No :

26783525 / 26774219

Cell No :

9820792254 / 9892306516

Email Address:

yaa@supercivilcd.com

Url:

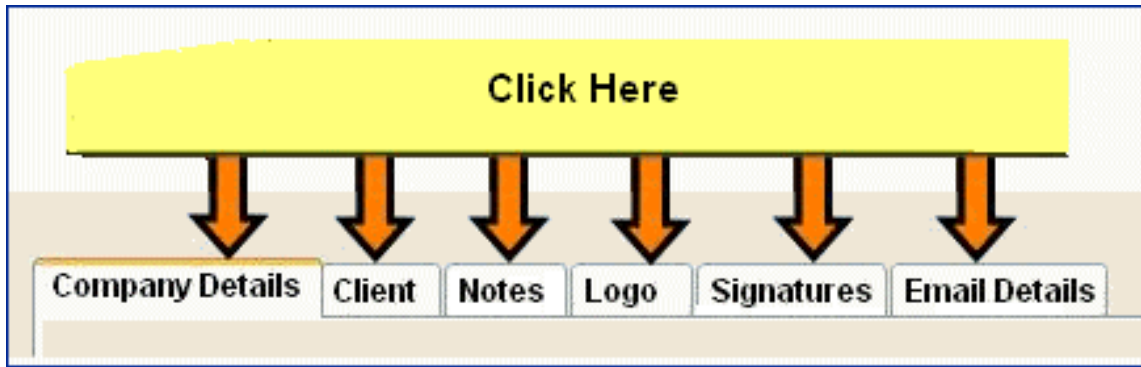
www.supercivilcd.com

Read Me

Exit

A Typical Company's Details is Displayed above.  
Over Write to Suit your Company's Details.  
The Fields left Blank will not be printed.

Click on Following options for Company details, Client, Tax Info, Notes , Logo and Signatures.



The Client tab displays the Client Name as shown below.

A form field labeled "Client Name:" with a text input box containing the text "xyz consultants".

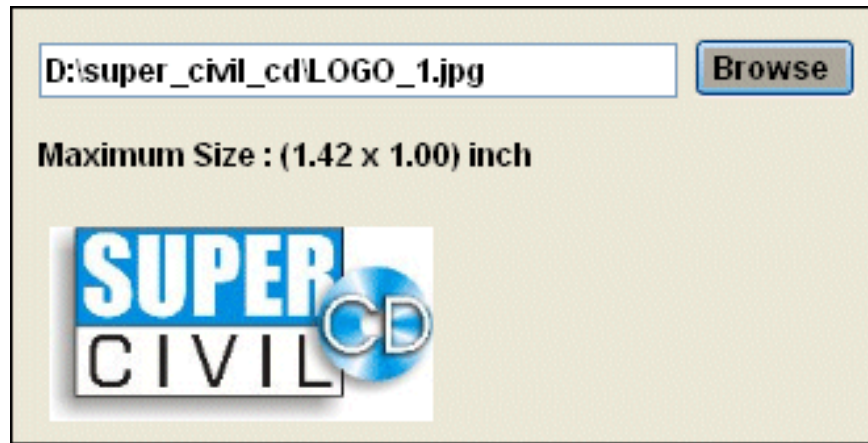
The Notes tab displays the notes that will appear at the bottom of each page while printing.

Two form fields for notes. The first is labeled "Note Line 1:" and contains the text "Note1". The second is labeled "Note Line 2:" and contains the text "Note2".

The Logo tab displays your Company's logo which will be printed along with your Company's Details.

Browse for the file name containing your Company's logo.  
(Make sure that the File attributes of image selected as logo is not 'Read Only' )

The graphics can either be in jpeg, jpg or bmp format.  
The Maximum size of the image shall be (1.42 \* 1) inch.  
It is not mandatory to insert Company's Logo.  
Logo will be displayed while Printing/ Exporting / Emailing .



The Signatures tab displays Signatures which will be appear while Printing and Exporting.

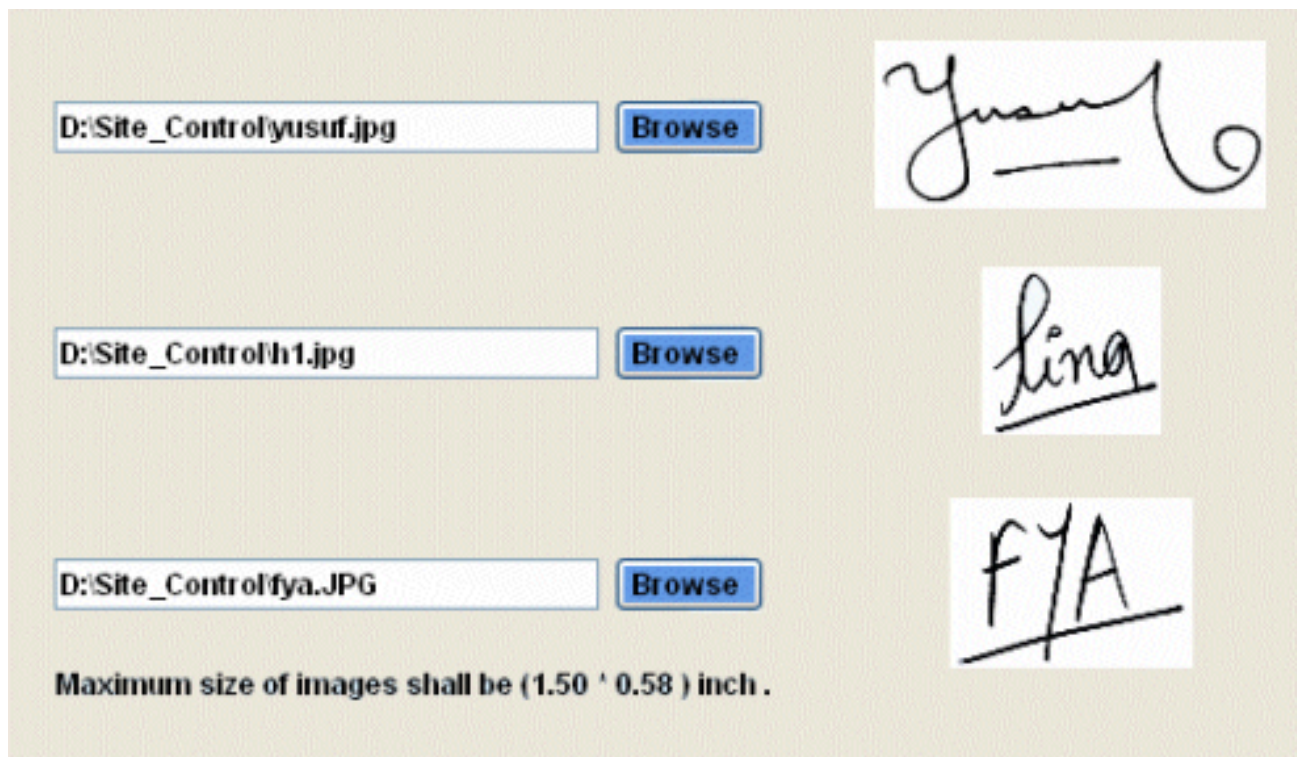
Browse for the file name containing Signatures.

(Make sure that the File attributes of images are not 'Read Only' )

The graphics can either be in jpeg, jpg or bmp format.

The Maximum size of the image shall be (1.50 \* 0.58) inch.

It is not mandatory to insert Signatures.



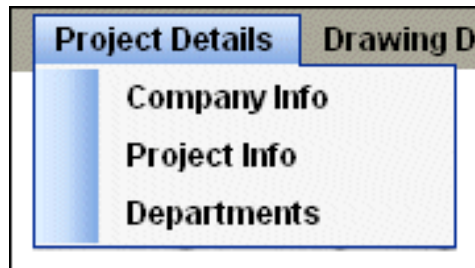
For Details on Email Tab , Refer [Email](#)

Click Read Me button to understand salient features of this Option

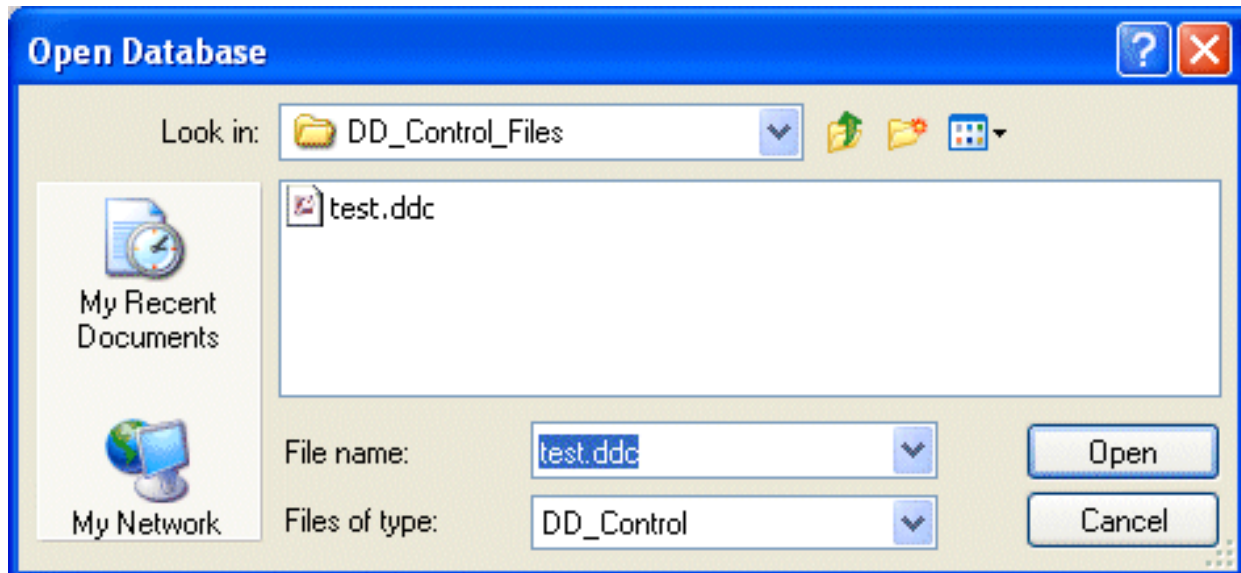
# Design & Drawing Control

## PROJECT INFO

To Edit Project Info, Select "Project Details" on the Main Menu , from the drop down menu Select "Project Info" as Shown below.



A Window dialog box appears.  
Select the Design and Drawing Control file, Created in Step 1.



The Project Info Page Opens up, showing Details entered on new File creation.



# PROJECT INFO

Organization :	<input type="text" value="Super Civil Cd"/>
Client :	<input type="text" value="Xyz Consultants"/>
Project ID :	<input type="text" value="P102"/>
Building ID :	<input type="text" value="B102"/>
Commencement Date :	<input type="text" value="03/ 5 /2010"/> <input type="button" value="v"/>
Project Duration (Months) :	<input type="text" value="12"/>
No of Drawings :	<input type="text" value="50"/>
Project Cost :	<input type="text" value="10000000"/>
Consultancy Fees :	<input type="text" value="100000"/>
** Basic Normal Designing Rate / hr :	<input type="text" value="100"/>
** Basic Normal Drawing Rate / hr :	<input type="text" value="50"/>
** Basic Overtime Designing Rate / hr :	<input type="text" value="150"/>
** Basic Overtime Drawing Rate / hr :	<input type="text" value="75"/>
% Profit / hr :	<input type="text" value="10"/>

\*\* Basic - Does not include  
Profit and Overheads

Basic Rate implies rate exclusive of Profit & Overheads.

In order Print/Export/Email, Project Info click on Print button.

**Main Report**

### PROJECT INFO

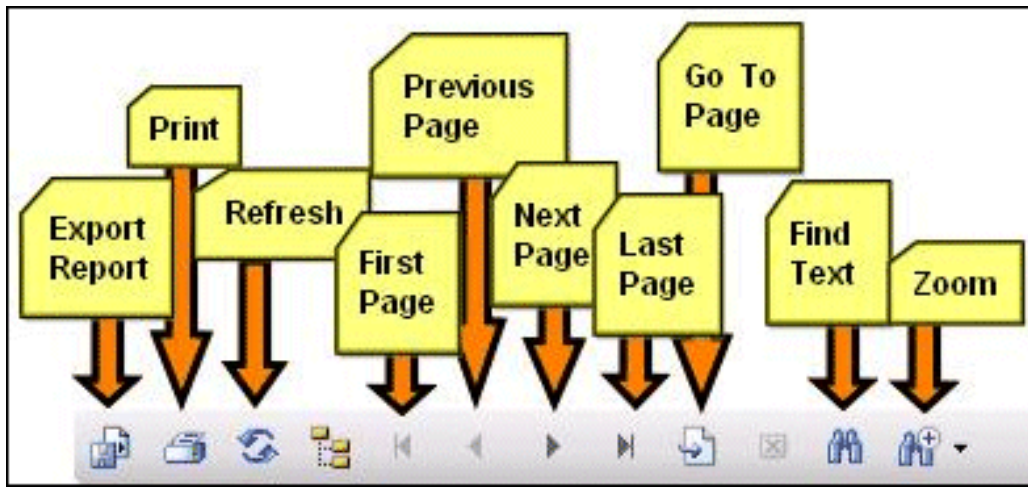
Organization :	Super Civil Cd
Client :	Xyz Consultants
Project ID:	P102
Building ID :	B102
Commencement Date :	3 May 2010
Project Duration( Months) :	12
No of Drawings :	50
Project Cost :	Rs 10000000
Consultancy Fees :	Rs 100000
Basic Normal Designing Rate / hr :	Rs 100
Basic Normal Drawing Rate / hr :	Rs 50
Basic Overtime Designing Rate / hr	Rs 150
Basic Overtime Drawing Rate / hr :	Rs 75
% Profit / hr :	10

Page No.: 1      Total Page No.: 1

The Preview will contain your Companies Details, Logo and Project Info.  
 The Print Preview also has Export, Print, Refresh, Find and Zoom Options.  
 You can Export your Project Details in PDF (.pdf) , Excel (.xls), Word (.doc) etc Formats

### *The Print Preview Toolbar*



In order to [Export](#) Project Info, click the Export Report button on the Print Preview toolbar.

In order to [Email](#) the Project Info , click the Email button.

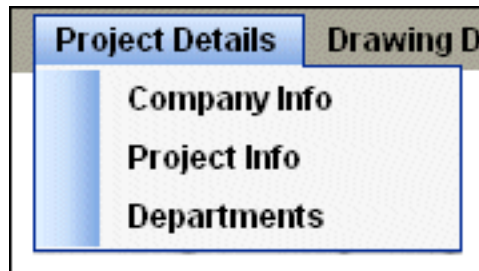
Click Read Me button to understand salient features of this Option

# Design & Drawing Control

## Add Departments

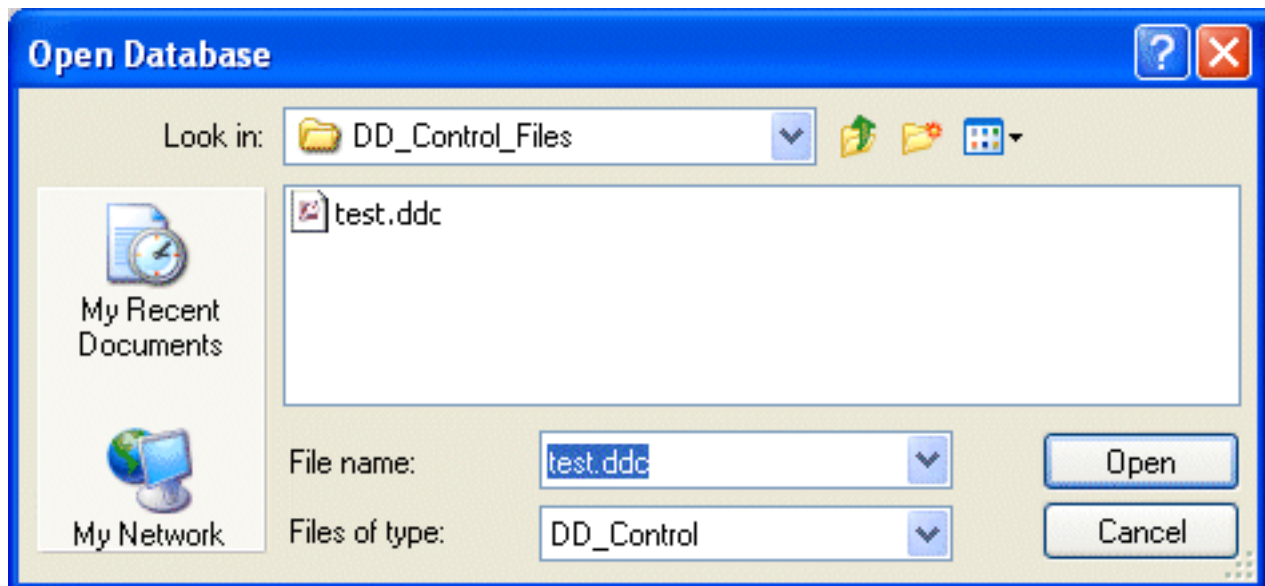
In this Option a user to add the various Departments, under which the drawings are to be Designed/Drafted.

To add Departments, Select "Project Details" on the Main Menu , from the drop down menu Select "Departments" as Shown below.



A Window dialog box appears.

Select the Design and Drawing Control file, Created in Step 1.



The Departments Page opens up.



# DEPARTMENTS

Dept Code	Department
D1	Plot Development
D2	Architectural
D3	Civil
D4	Structural
D5	Piping
D6	Mechanical
D7	Electrical
D8	Instrumentation
D9	Chemical
D10	Process
D11	Plumbing
D12	Sanitation
D13	Survey
D14	Geotech
D15	Bar Bending
D16	Fabrication

Read Me

Save

Print

OK

Typical Departments are Listed.  
A user may Edit/Delete them, or add new Records.

## [Add Records](#)

To add a new record, Enter a Unique Code & Description.

## [Edit Records](#)

**A user may Edit the Department Codes at any Point of time, However, if the Department Codes are used in Drawing Schedule or Daily Progress Options, it will result in an Error.**

**Hence in Order to Edit/ Replace the Department Codes, in the Departments, Drg Schedule and Daily Progress , use the [Edit Department Code](#) Option.**

### **Delete Records**

**In Order to Delete a Record(s), Select the Row(s) containing the record(s) and press the Delete Key on your Keyboard**

**Once a Department Code is used in Drawing Schedule, Daily Progress Option , deleting it will result in an Error.**

**Hence in Order to Delete the unwanted Department Codes , from the Department Code, Drawing Schedule and Daily Progress Options, use the [Delete Department Code](#) Option.**

**Click the Save button from time to time to save & Update the work done.**

### **Print**

**In order Print/Export/Email, Departments click on Print button.**

**Main Report**

Email: yaa@supercivild.com Url: www.supercivild.com

Project ID : P102 No. of Drawing: 100  
 Building ID : B102 Project Duration(Months) : 30  
 Project Commencement Date : 4 May 2010 Proposed Project Cost : Rs 10000000

Date: 04-June-2010

**DEPARTMENTS**

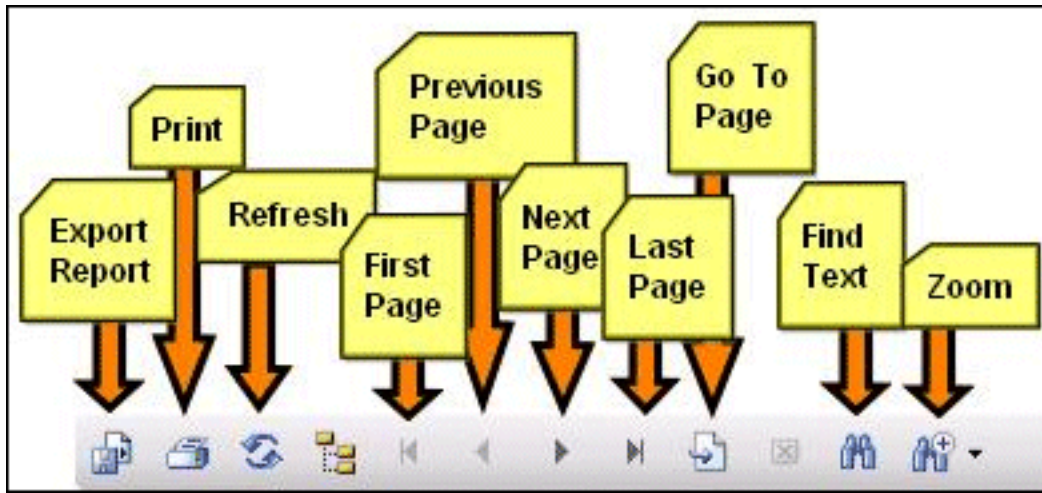
Code	Department
D1	Plot Development
D2	Architectural
D3	Civil
D4	Structural
D5	Piping
D6	Mechanical
D7	Electrical
D8	Instrumentation
D9	Chemical
D10	Process
D11	Plumbing
D12	Sanitation

No.: 1 Total Page No.: 1 Zoom Factor: 80%

The Preview will contain your Companies Details, Logo, Project Info & Departments.

The Print Preview also has Export, Print, Refresh, Find and Zoom Options. You can Export your Project Details in PDF (.pdf) , Excel (.xls), Word (.doc) etc Formats

***The Print Preview Toolbar***



In order to [Export](#) Departments, click the Export Report button on the Print Preview toolbar.

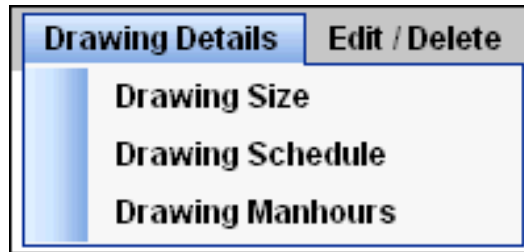
In order to [Email](#) the Departments , click the Email button.

# Design & Drawing Control

## Drawing Size

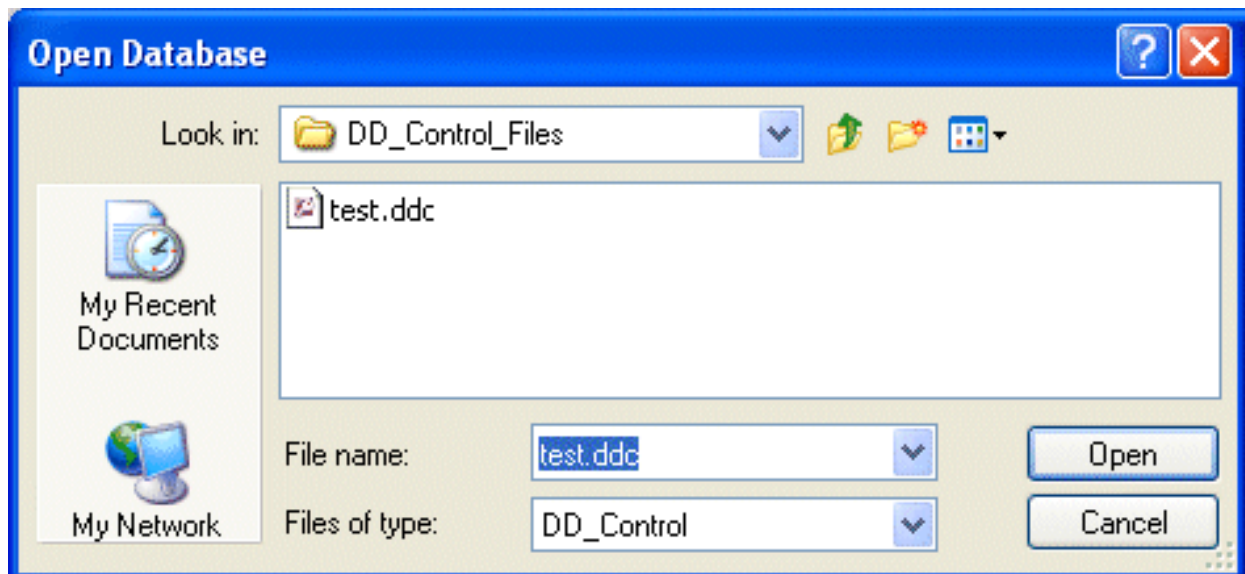
In this Option a user to add the various Drawing Sizes.

To Add Drawing Size, Select "Drawing Details" on the Main Menu , from the drop down menu Select "Drawing Size" as Shown below.



A Window dialog box appears.

Select the Design and Drawing Control file, Created in Step 1.



The Drawing Size Page Opens up.

# ADD / DELETE / EDIT DRAWING SIZE

Drawing Sizes	
A0	
A1	
A2	
A3	
A4	
B1	
B2	
B3	
B4	
C1	
C2	
C3	
C4	
D1	
D2	
D3	
D4	

Read Me

Save

OK

Typical Drawing Sizes are Listed, A user may Edit/Delete them, or add new Records.

To add a new record, Enter a new Drawing Size.

Drawing Sizes used in Drg Schedule cannot be deleted.

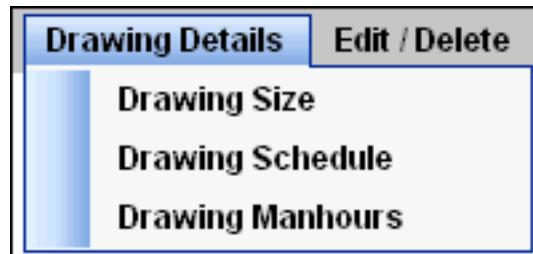
Click Read Me button to understand salient features of this Option

# Design & Drawing Control

## Drawing Schedule

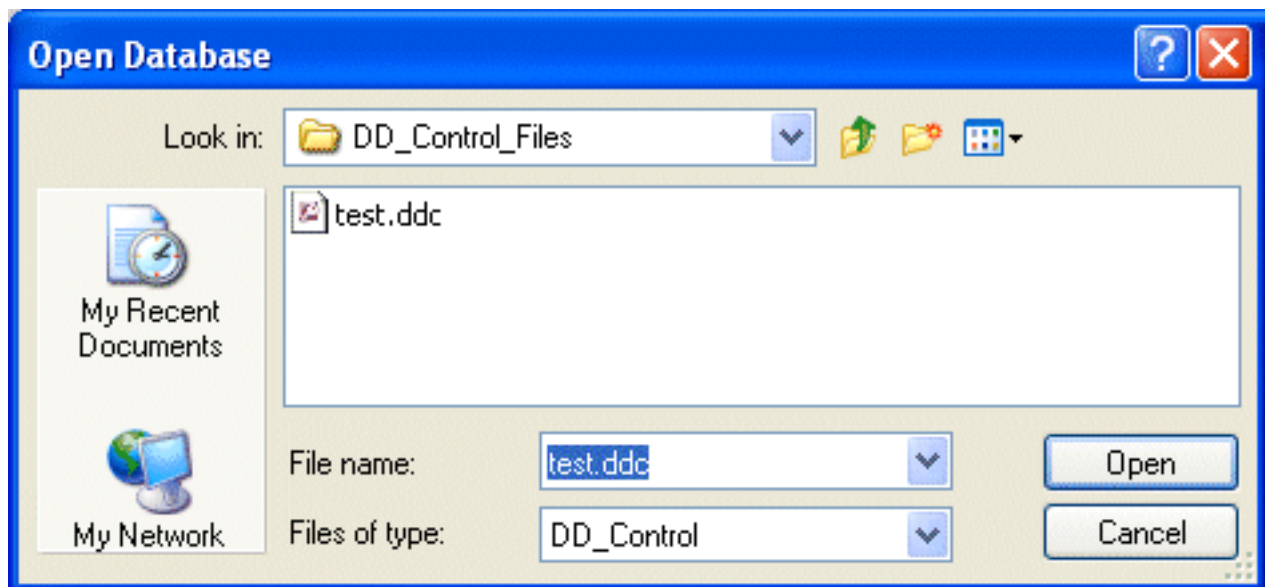
In this Option a user to add the Schedule of Drawings ie Drawing no. , its size, Description and Revision, under each Department.

To Add Drawing Schedule, Select "Drawing Details" on the Main Menu , from the drop down menu Select "Drawing Schedule" as Shown below.



A Window dialog box appears.

Select the Design and Drawing Control file, Created in Step 1.



The Drawing Schedule Page Opens up.

## ADD / DELETE / EDIT DRAWING SCHEDULE

DEPARTMENT

Drg No.	Drg Size	Description	Rev
	<input type="text"/>		<input type="text"/>

Record #: 1 Of 1

In order to Add/View Drawing Nos select the desired Department from the drop down List as shown below.

Only the Drawings under the selected Department will be available for Add/View/Edit.

DEPARTMENT	<input type="text" value="Plot Development"/>
Drg Size	<input type="text" value="Plot Development"/> <input style="background-color: #0056b3; color: white;" type="text" value="Architectural"/> <input type="text" value="Civil"/> <input type="text" value="Structural"/> <input type="text" value="Piping"/> <input type="text" value="Mechanical"/> <input type="text" value="Electrical"/> <input type="text" value="Instrumentation"/>

### Add Record

To add a new record, First select the Department.



DEPARTMENT	Plot Development
Drg Size	Plot Development <b>Architectural</b> Civil Structural Piping Mechanical Electrical Instrumentation

Next for each row, enter a Drawing No.

DEPARTMENT			Architectural
Drg No.	Drg Size	Description	
DRG-P102-AR01			

Select the Drawing Size from the Drop down List.

DEPARTMENT			Architectural
Drg No.	Drg Size	Description	
DRG-P102-AR01			
	A0 A1 A2 A3 A4 B1 B2 B3		

Enter the Description of the Drawing .

DEPARTMENT Architectural			
Drg No.	Drg Size	Description	Rev
DRG-P102-AR01	A0	Perspective Drawing	

Finally, Select the Rev no from the Drop down List.

Rev
R0
R1
R2
R3
R4
R5
R6
R7

Note that a Document does not have a size, hence a user may select 'DOC' from the 'Size' Drop down List as shown below.

DEPARTMENT Architectural			
Drg No.	Drg Size	Description	
DOC-P102-AR01		Design Basis {24 Pages}	

DEPARTMENT Architectural

Drg No.	Drg Size	Description	Rev
DOC-P102-AR01	DOC	Design Basis (24 Pages)	0
DRG-P102-AR01	A0	Perspective Drawing	0
DRG-P102-AR02	A1	Ground Floor Plan	0
DRG-P102-AR03	A1	Typical Floor Plan (1 - 8)	0
DRG-P102-AR04	A1	Typical Floor Plan (9-20)	0
DRG-P102-AR05	A0	Roof plan	0
DRG-P102-AR06	A1	Ground Floor Plan - Details (SH 1 of 2)	0
DRG-P102-AR07	A1	Ground Floor Plan - Details (SH 2 of 2)	0
DRG-P102-AR08	A1	Typical Floor Plan (1 - 8) - Details (SH 1 of 2)	0
DRG-P102-AR09	A1	Typical Floor Plan (1 - 8) - Details (SH 2 of 2)	0
DRG-P102-AR10	A1	Typical Floor Plan (9-20) - Details (SH 1 of 2)	0
DRG-P102-AR11	A1	Typical Floor Plan (9-20) - Details (SH 2 of 2)	0
DRG-P102-AR12	A0	Roof plan - Details	0
DRG-P102-AR12	A0	Roof plan - Details	1

Record #: 1 of 23

Prev Read Me Copy Paste 1st Last  
Next Go To Rec Save Print OK

**A Combination of Drg No & Rev cannot be repeated.**

**In Case of any Revision in Drg, user to add a new record with same Drg no & different Rev No. (shown Below)**

Drg No.	Drg Size	Description	Rev
DRG-P102-AR11	A1	Typical Floor Plan (9-20) - Details (SH 2 of 2)	0
DRG-P102-AR12	A0	Roof plan - Details	0
DRG-P102-AR12	A0	Roof plan - Details	1
DRG-P102-AR13	A0	Elevation - N - Details	0
DRG-P102-AR10	A1	Typical Floor Plan (9-20) - Details (SH 1 of 2)	0

### Edit Records

**A user may Edit the Drg Nos At any Point of time.**

**However, if the Drawing No is used in Drg Rev or Daily Progress Option, it will result in an Error.**

**Hence in Order to Edit/ Replace the Drg No, in the Drg Schedule, Daily Progress and Revision Options , use the [Edit Drawing No](#) Option.**

### Delete Records

In Order to Delete a Record(s), Select the Row(s) containing the record(s) and press the Delete Key on your Keyboard

Once a Drawing no is used in Daily Progress or Revision Options , deleting it will result in an Error.

Hence in Order to Delete the unwanted Drg No, from the Drg nos, Daily Progress and Revision Options , use the [Delete Drg No](#) Option.

### Copy Records

Select the record(s) and press the Copy button

### Paste Records

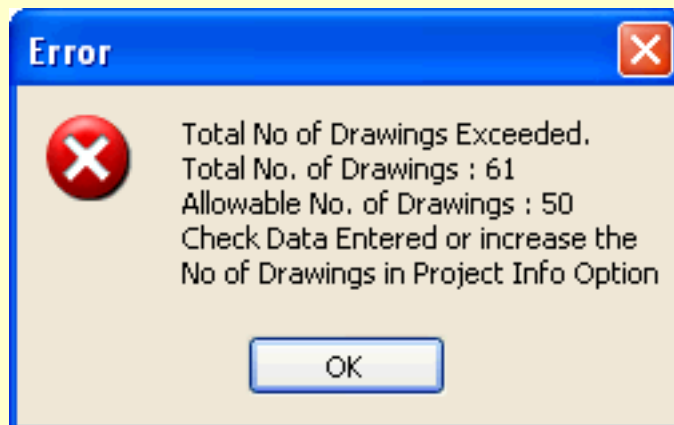
Select the records over which you want to paste the Copied Records and click on Paste button.

### Append Records

1)Copy the records .

2) Select the last line in the table and click on Paste button.

Following Error Message may be displayed :



It indicates that the Total No. of Drawings from all Departments has exceeded the maximum value mentioned in the Project Info Option.

In the above case, the No. of Drawings mentioned in the Project Info Option is 50.

But Total No. of Drawings is 61.

Hence, user to either check the Data (No of Drawings) Entered or simply change the Value of 'No of Drawings' in the Project Info Option.

Click the Save button from time to time to save & Update the work done.

## Print

In Order Print/Export/Email, Drawing Schedule click on Print button.  
Only the Drawing nos under the selected Department will be printed.

Drg No.	Drg Size	Description	Rev
DOC-P102-AR01		Design Book	0
DRG-P102-AR01	A0	Perspective Drawing	0
DRG-P102-AR02	A1	Ground Floor Plan	0
DRG-P102-AR03	A1	Typical Floor Plan (1-8)	0
DRG-P102-AR04	A1	Typical Floor Plan (9-20)	0
DRG-P102-AR05	A0	Roof plan	0
DRG-P102-AR06	A1	Ground Floor Plan - Details (SH 1 of 2)	0
DRG-P102-AR07	A1	Ground Floor Plan - Details (SH 2 of 2)	0
DRG-P102-AR08	A1	Typical Floor Plan (1-8) - Details (SH 1 of 2)	0
DRG-P102-AR09	A1	Typical Floor Plan (1-8) - Details (SH 2 of 2)	0
DRG-P102-AR10	A1	Typical Floor Plan (9-20) - Details (SH 1 of 2)	0
DRG-P102-AR11	A1	Typical Floor Plan (9-20) - Details (SH 2 of 2)	0
DRG-P102-AR12	A0	Roof plan - Details	0
DRG-P102-AR12	A0	Roof plan - Details	1
DRG-P102-AR13	A0	Elevation - N - Details	0
DRG-P102-AR14	A0	Elevation - S - Details	0
DRG-P102-AR15	A0	Elevation - E - Details	0
DRG-P102-AR16	A0	Elevation - W - Details	0

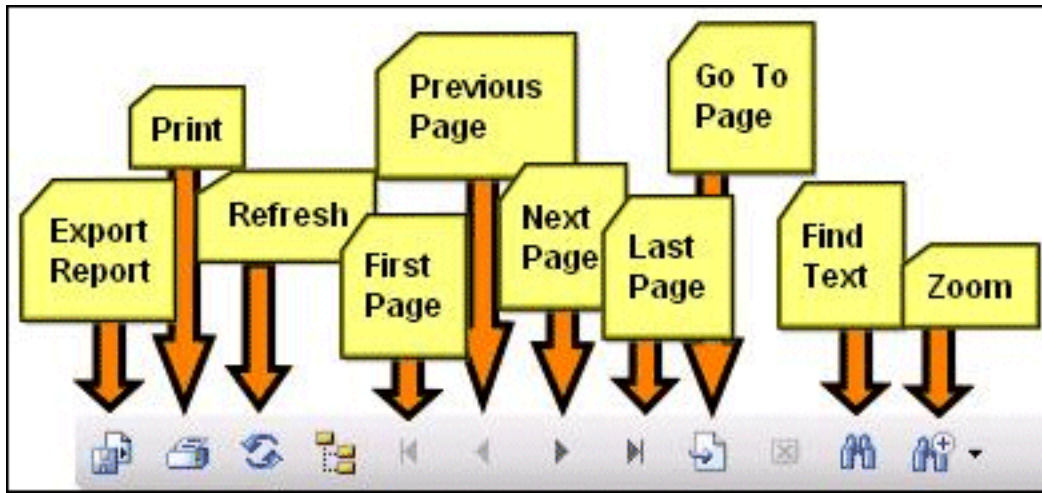
Total Page No.: 2      Zoom Factor: 75%

Email      OK

The Preview will contain your Companies Details, Logo, Project Info and Drawing Schedule.

The Print Preview also has Export, Print, Refresh, Find and Zoom Options. You can Export your Project Details in PDF (.pdf) , Excel (.xls), Word (.doc) etc Formats

### *The Print Preview Toolbar*



In order to [Export](#) Drawing Schedule , click the Export Report button on the Print Preview toolbar.

In order to [Email](#) the Drawing Schedule , click the Email button.

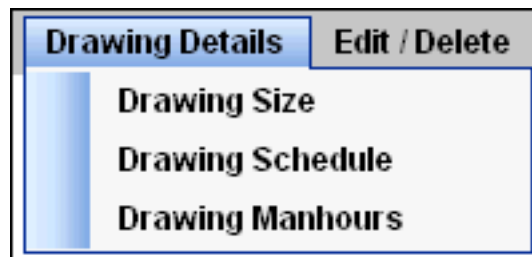
Click Read Me button to understand salient features of this Option

# Design & Drawing Control

## Drawing Manhours

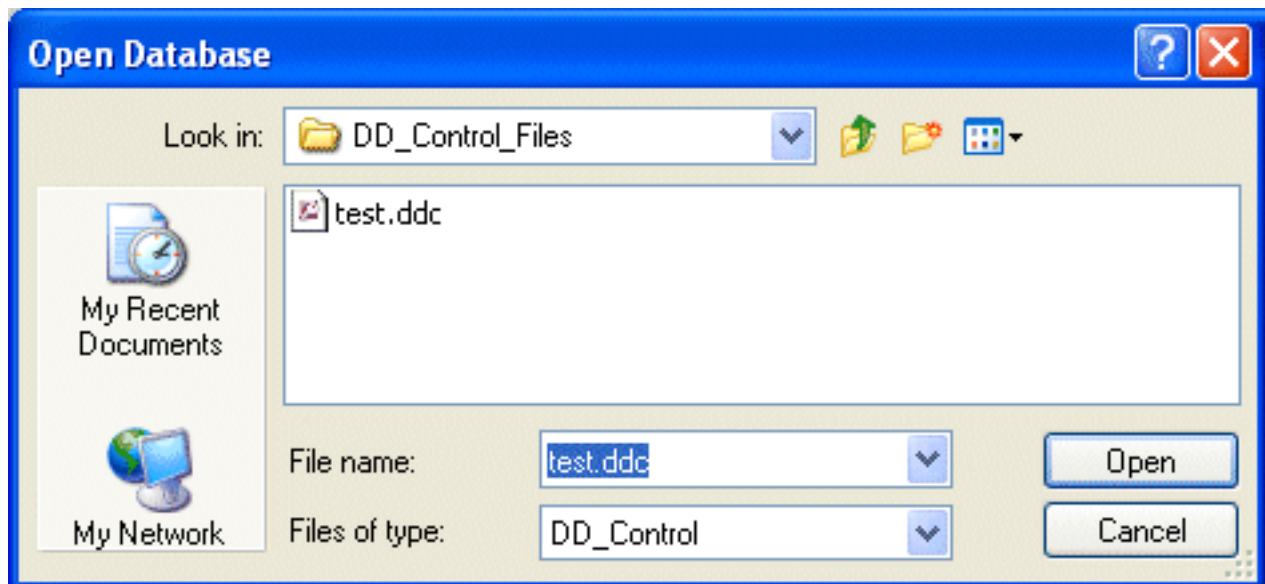
In this Option a user to enter the Start & Finish Date of Drawing, Design & Drawing Manhours & Overtime Hours required for Completion of the Drawing.

To Add Drawing Manhours, Select "Drawing Details" on the Main Menu , from the drop down menu Select "Drawing Manhours" as Shown below.



A Window dialog box appears.

Select the Design and Drawing Control file, Created in Step 1.



The Drawing Manhours Page Opens up.

# DRAWING MANHOURS

DEPARTMENT Plot Development ▼

Drq No.	Rev	Start Date	Finish Date	D/C MH	DRG MH	D/C OT	DRG OT	Engineer Responsible	Draftsman Responsible
DRG-P102-PD01	0								
DRG-P102-PD02	0								
DRG-P102-PD03	0								
DRG-P102-PD04	0								
DRG-P102-PD05	0								
DRG-P102-PD06	0								
DRG-P102-PD07	0								
DRG-P102-PD08	0								
DRG-P102-PD08	1								
DRG-P102-PD09	0								

Record #: 1 of 10

D/C MH - Design Manhours      DRG MH - Drawing Manhours  
D/C OT - Design Overtime (hours)      DRG OT - Drawing Overtime (hours)  
Note - Double Click the Cell to Select the Date

In order to Add/View Drawing Schedule select the desired Department from the drop down List as shown below.

DEPARTMENT Plot Development ▼

- Plot Development ▲
- Architectural
- Civil
- Structural
- Piping
- Mechanical
- Electrical
- Instrumentation ▼

Only the Drawings under the selected Department will be available for View/Edit.



# DRAWING MANHOURS

DEPARTMENT

Drg No.	Rev	Start Date	Finish Date	D/C MH	DRG MH	D/C OT	DRG OT	Engineer Responsible	Draftsman Responsible
DOC-P102-AR01	0								
DRG-P102-AR01	0								
DRG-P102-AR02	0								
DRG-P102-AR03	0								
DRG-P102-AR04	0								
DRG-P102-AR05	0								
DRG-P102-AR06	0								
DRG-P102-AR07	0								
DRG-P102-AR08	0								
DRG-P102-AR09	0								
DRG-P102-AR10	0								
DRG-P102-AR11	0								
DRG-P102-AR12	0								
DRG-P102-AR12	1								

Record #: 1 of 22

Prev    Go To Rec    1st    Last  
Next    Read Me    Save    Print    OK

D/C MH - Design Manhours      DRG MH - Drawing Manhours  
D/C OT - Design Overtime (hours)    DRG OT - Drawing Overtime (hours)  
Note - Double Click the Cell to Select the Date

## Add/ Edit Records

In this Option New records cannot be added .  
As seen above only the Drawing nos entered in the Drg Schedule Option will be available here.  
A user to add the new Drawing no in the Drawing Schedule Option.

For each Drawing No, the Start & Finish dates are to be selected from the Date Picker, which is available when the Cell is double clicked.

Following Display Shows Start Date Selection

DEPARTMENT Architectural						
Drg No.	Rev	Start Date	Finish Date	D/C MH	DRG MH	
DOC-P102-AR01	0	01/6 /...				
DRG-P102-AR01	0					
DRG-P102-AR02	0					
DRG-P102-AR03	0					
DRG-P102-AR04	0					
DRG-P102-AR05	0					
DRG-P102-AR06	0					
DRG-P102-AR07	0					
DRG-P102-AR08	0					
DRG-P102-AR09	0					

Following Display Shows Finish Date Selection

DEPARTMENT Architectural						
Drg No.	Rev	Start Date	Finish Date	D/C MH	DRG MH	D/C OT
DOC-P102-AR01	0	01/6/20...	07/6 /2010			
DRG-P102-AR01	0					
DRG-P102-AR02	0					
DRG-P102-AR03	0					
DRG-P102-AR04	0					
DRG-P102-AR05	0					
DRG-P102-AR06	0					
DRG-P102-AR07	0					
DRG-P102-AR08	0					

Next Enter the Design & Drawing Manhours & Overtime Hours required for Completion of each Drawing along with Engineer & Draftsman Responsible.

- D/C MH** - Design Manhours
- DRG MH** - Drawing Manhours
- D/C OT** - Design Overtime
- DRG MH** - Design Overtime

DEPARTMENT Architectural

Drg / Doc No.	Rev	Start Date	Finish Date	D/C MH	DRG MH	D/C OT	DRG OT	Engineer Responsible	Draftsman Responsible
DOC-P102-AR01	0	01/6/20...	07/6/20...	40	0	0	0	R.Patel	Rakesh
DRG-P102-AR01	0	02/6/20...	08/6/20...	40	60	0	0	xyz	abc
DRG-P102-AR02	0	02/6/20...	08/6/20...	40	60	0	0	raji	rohit
DRG-P102-AR03	0	08/6/20...	14/6/20...	40	60	0	0	rakesh	ramesh
DRG-P102-AR04	0	08/6/20...	14/6/20...	40	60	0	0	rohit	aa
DRG-P102-AR05	0	15/6/20...	22/6/20...	40	60	0	0	abc	xyz
DRG-P102-AR06	0	16/6/20...	23/6/20...	40	60	0	0	mani	mohit
DRG-P102-AR07	0	17/6/20...	24/6/20...	40	60	0	0	menon	bb
DRG-P102-AR08	0	18/6/20...	25/6/20...	40	60	0	0	arif	salu
DRG-P102-AR09	0	21/6/20...	28/6/20...	40	60	0	0	shafi	sam
DRG-P102-AR10	0	22/6/20...	29/6/20...	40	60	0	0	sami	suresh
DRG-P102-AR11	0	23/6/20...	29/6/20...	40	60	0	0	sharma	rahul
DRG-P102-AR12	0	02/7/20...	07/7/20...	40	60	0	0	raj	rakesh
DRG-P102-AR12	1	22/9/20...	24/9/20...	20	20	0	0	raj	rakesh

Record #: 1 of 22

Total Consultancy Cost for Architectural Department : 147000  
 Total Consultancy Cost for all Departments : 397000  
 D/C MH - Design Manhours      DRG MH - Drawing Manhours  
 D/C OT - Design Overtime (hours)      DRG OT - Drawing Overtime (hours)  
 Note - Double Click the Cell to Select the Date

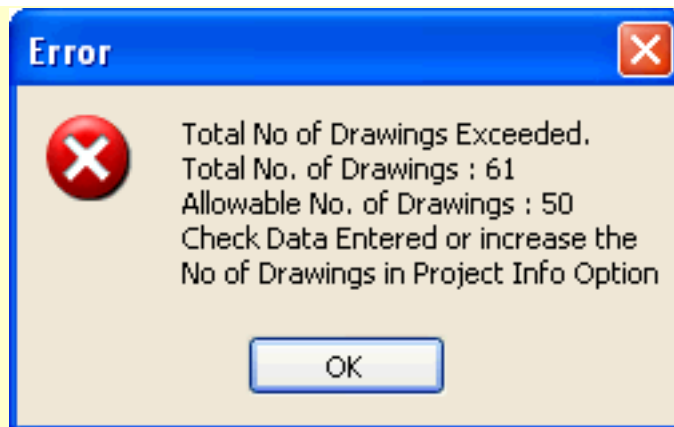
### Delete Records

In this Option records cannot be deleted.

A user to add or Delete Drawing No. from the Drawing Schedule Option.

Following Error Messages may be displayed :

**Error Message 1 :**

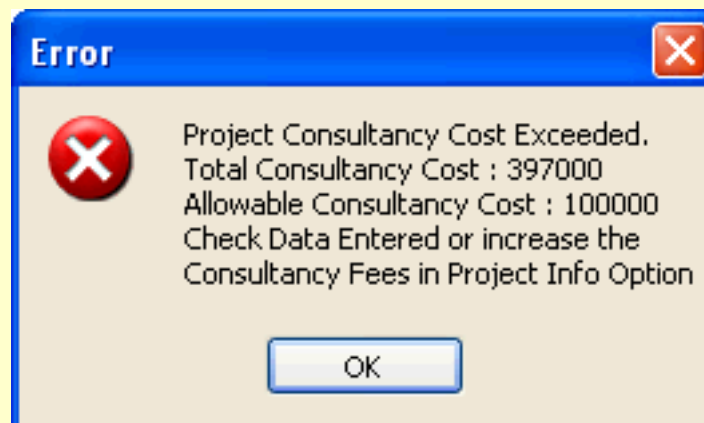


**It indicates that the Total No. of Drawings from all Departments has exceeded the maximum value mentioned in the Project Info Option. In the above case, the No. of Drawings mentioned in the Project Info Option is 50.**

**But Total No. of Drawings is 61.**

**Hence, user to either check the Data (No of Drawings) Entered or simply change the Value of 'No of Drawings' in the Project Info Option.**

#### **Error Message 2 :**



**It indicates that the Total Consultancy Cost from all Departments has exceeded the maximum value mentioned in the Project Info Option.**

**In the above case, the Total Consultancy Cost mentioned in the Project Info Option is 100000.**

**But Total Project Consultancy Cost is 397000.**

**Hence, user to either check the Data Entered or simply change the Value of 'Consultancy Cost' in the Project Info Option.**

**Click the Save button from time to time to save & Update the work done.**

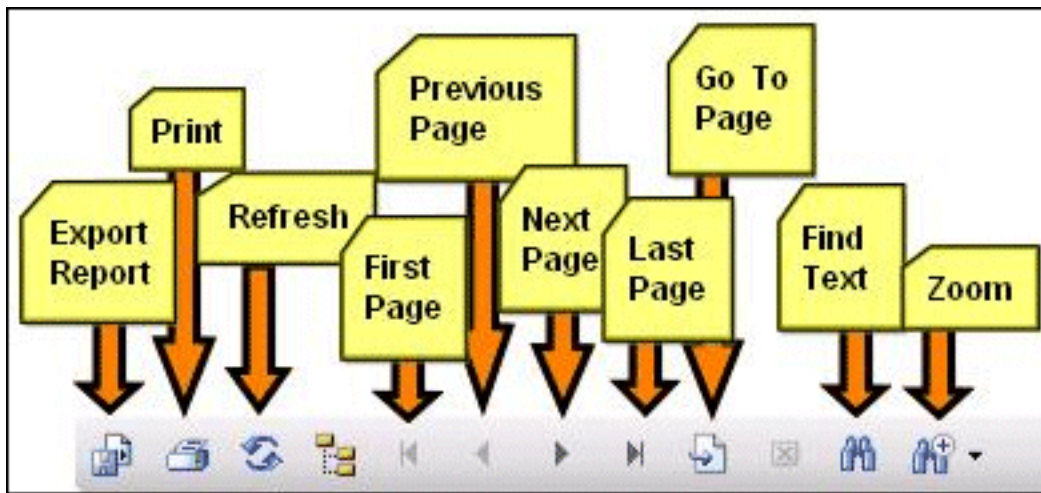
**Print**

In Order Print/Export/Email, Drawing Manhours click on Print button.  
Only the Drawing nos under the selected Department will be printed.

Main Report									
Drawing Manhours For Architectural Department									
Drg No.	Rev	Start Date	Finish Date	D/C MH	DRG MH	D/C OT	DRG OT	Engineer Responsible	Draftsman Responsible
DOC-P102-AR01	0	01-06-2010	07-06-2010	40	0	0	0	R.Patel	Rakesh
DRG-P102-AR01	0	02-06-2010	08-06-2010	40	60	0	0	xyz	abc
DRG-P102-AR02	0	02-06-2010	08-06-2010	40	60	0	0	ravi	rohit
DRG-P102-AR03	0	08-06-2010	14-06-2010	40	60	0	0	rakesh	ramesh
DRG-P102-AR04	0	08-06-2010	14-06-2010	40	60	0	0	rohit	aa
DRG-P102-AR05	0	15-06-2010	22-06-2010	40	60	0	0	abo	xyz
DRG-P102-AR06	0	16-06-2010	23-06-2010	40	60	0	0	mani	mohit
DRG-P102-AR07	0	17-06-2010	24-06-2010	40	60	0	0	menon	bb
DRG-P102-AR08	0	18-06-2010	25-06-2010	40	60	0	0	arif	sahu
DRG-P102-AR09	0	21-06-2010	28-06-2010	40	60	0	0	shafi	sam
DRG-P102-AR10	0	22-06-2010	29-06-2010	40	60	0	0	sami	suresh
DRG-P102-AR11	0	23-06-2010	29-06-2010	40	60	0	0	shama	rahul
DRG-P102-AR12	0	02-07-2010	07-07-2010	40	60	0	0	raj	rakesh
DRG-P102-AR12	1	22-09-2010	24-09-2010	20	20	0	0	raj	rakesh
DRG-P102-AR13	0	07-07-2010	13-07-2010	40	60	0	0	shama	bb
DRG-P102-AR14	0	08-07-2010	14-07-2010	40	60	0	0	rohit	mohit
DRG-P102-AR15	0	09-07-2010	15-07-2010	40	60	0	0	mani	robin
DRG-P102-AR16	0	10-07-2010	18-07-2010	40	60	0	0	arif	bb
1		Total Page No. : 2				Zoom Factor: 75%			
<input type="button" value="Email"/>					<input type="button" value="OK"/>				

The Preview will contain your Companies Details, Logo,Project Info and Drawing Manhours.  
The Print Preview also has Export, Print, Refresh, Find and Zoom Options.  
You can Export your Project Details in PDF (.pdf) , Excel (.xls), Word (.doc) etc Formats

### *The Print Preview Toolbar*



In order to [Export](#) Drawing Manhours, click the Export Report button on the Print Preview toolbar.

In order to [Email](#) the Drawing Manhours , click the Email button.

Click Read Me button to understand salient features of this Option

# Design & Drawing Control

## Daily Drawing Progress

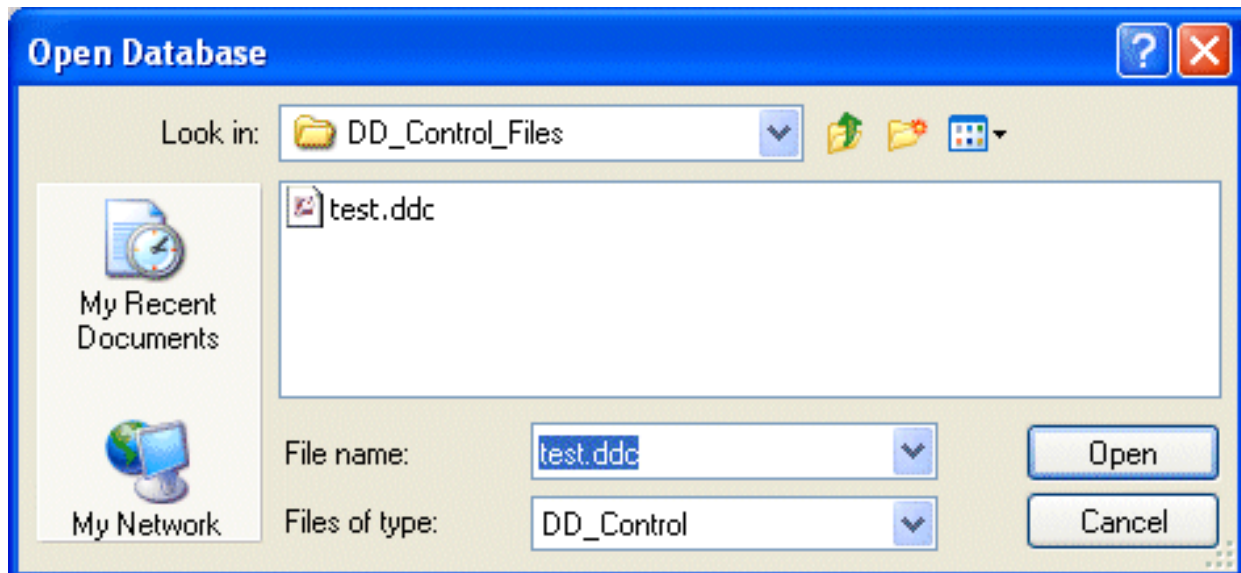
In this Option the user to add Daily Design & Drawing Manhours & Overtime hours Utilized for each Drawing under a Particular Department (Dept) on that Day.

To Add Daily Progress , Select "Daily Progress" on the Main Menu.



A Window dialog box appears.

Select the Design and Drawing Control file, Created in Step 1.



The Daily Progress Page Opens up.



## DAILY PROGRESS

DEPARTMENT Plot Development

Drg No.	Rev.	D/C MH	Cum. D/C MH	DRG MH	Cum. DRG MH	D/C OT	Cum. D/C OT	DRG OT	Cum. DRG OT
▼	▼								

Drg Description:

Record #: 1 of 1

Day 4 Month May Year 2010 Prev Next Print

Go To Rec Read Me Last 1 st Copy All Save OK

D/C MH - Designing Manhours  
 Cum. D/C MH - Cumulative Designing Manhours  
 D/C OT - Designing Overtime  
 Cum. D/C OT - Cumulative Designing Overtime  
 DRG MH - Drawing Manhours  
 Cum. DRG MH - Cumulative Drawing Manhours  
 DRG OT - Drawing Overtime  
 Cum. DRG OT - Cumulative Drawing Overtime

A user to select the Dept from the Drop Down List.

## DAILY PROGRESS

DEPARTMENT Plot Development

Rev.	D/C MH	Cum. D/C MH	DRG MH	Cum. DRG MH	D/C OT	Cum. D/C OT	DRG OT	Cum. DRG OT
▼	▼							

<div style="border: 1px solid black; padding: 2px;"> <span style="border: 1px solid black; padding: 2px;">Plot Development</span> </div> <div style="border: 1px solid black; padding: 2px; background-color: #e0e0e0;"> <span style="border: 1px solid black; padding: 2px;">Plot Development</span> </div> <div style="border: 1px solid black; padding: 2px;"> <span style="border: 1px solid black; padding: 2px;">Architectural</span> </div> <div style="border: 1px solid black; padding: 2px;"> <span style="border: 1px solid black; padding: 2px;">Civil</span> </div> <div style="border: 1px solid black; padding: 2px;"> <span style="border: 1px solid black; padding: 2px;">Structural</span> </div> <div style="border: 1px solid black; padding: 2px;"> <span style="border: 1px solid black; padding: 2px;">Piping</span> </div> <div style="border: 1px solid black; padding: 2px;"> <span style="border: 1px solid black; padding: 2px;">Mechanical</span> </div> <div style="border: 1px solid black; padding: 2px;"> <span style="border: 1px solid black; padding: 2px;">Electrical</span> </div> <div style="border: 1px solid black; padding: 2px;"> <span style="border: 1px solid black; padding: 2px;">Instrumentation</span> </div>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 5%;">Cum. D/C MH</td> <td style="width: 5%;">DRG MH</td> <td style="width: 5%;">Cum. DRG MH</td> </tr> <tr> <td style="text-align: center;">▼</td> <td style="text-align: center;">▼</td> <td></td> <td></td> </tr> </table>		Cum. D/C MH	DRG MH	Cum. DRG MH	▼	▼		
	Cum. D/C MH	DRG MH	Cum. DRG MH						
▼	▼								

Data entry is done for a Department on a Particular Day.  
 Initially for every Department the details of Project Commencement Date are displayed in the Table.

After the records are entered, On change of Department the records for minimum Date under the Department will be displayed.

A User to change the Department/Day/Month/Year in order to add the records for that Day of the Year to that Department.



The image shows a date selection interface with four dropdown menus:

- Record:** A list with options 1 through 8, with '1' selected.
- Day:** A dropdown menu with '1' selected.
- Month:** A list with options February, March, April, May, June, July, August, and September, with 'February' selected.
- Year:** A list with options 2010, 2011, and 2012, with '2010' selected.

As the Dept/Day/Month/Year is changed the respective records are displayed in the table. For eg. If Dept is selected as Civil ,Day as 1, Month as May & Year as 2010, only the records for Civil Dept, 1st May 2010 will be displayed in the table.

If the Month/Day selected is less than the Project Commencement date a message 'Error in Month / Day' is generated.

### Add Records

To add a record select the Drg No and Revision from the Drop Down List.

The image shows a table titled "DAILY PROGRESS" with a "DEPARTMENT" dropdown set to "Architectural". The table has the following columns: "Drg No.", "Rev.", "D/C MH", "Cum. D/C MH", "DRG MH", and "Cum. DRG MH". A dropdown menu is open under the "Drg No." column, showing a list of records:

- DOC-P102-AR01
- DRG-P102-AR01** (highlighted)
- DRG-P102-AR02
- DRG-P102-AR03
- DRG-P102-AR04
- DRG-P102-AR05
- DRG-P102-AR06
- DRG-P102-AR07

Press tab on your keyboard.

The corresponding Description, will appear in the field at the bottom of the table.

DEPARTMENT Architectural

	Drg No.	Rev.	D/C MH	Cum. D/C MH	DRG MH	Cum. DRG MH	D/C OT	Cum. D/C OT	DRG OT	Cum. DRG OT
▶	DRG-P102-AR01	0		10		10		0		0
*										

Drg Description:

Record #: 1 Of 2

Day  Month  Year

D/C MH - Designing Manhours  
 Cum. D/C MH - Cumulative Designing Manhours  
 D/C OT - Designing Overtime  
 Cum. D/C OT - Cumulative Designing Overtime  
 DRG MH - Drawing Manhours  
 Cum. DRG MH - Cumulative Drawing Manhours  
 DRG OT - Drawing Overtime  
 Cum. DRG OT - Cumulative Drawing Overtime

**Note:**

On Selecting Revision no a red Mark may appear for the row (As shown below)

DEPARTMENT Architectural

	Drg / Doc No.	Rev.	D/C MH	Cum. D/C MH	DRG MH	Cum. DRG MH	D/C OT	Cum. D/C OT	DRG OT	Cum. DRG OT
▶	DRG.P102-AR01	1		10		10		0		0
*										

Place the Mouse pointer over the Red Mark.  
 An Error Message will be displayed.

**Error Message 1 :** "Rev no. : xxx for Drawing no.: yyy does not Exists"

It indicates that there is no record of the Revision no. "xxx" for Drawing No. "yyy" in the Drg Schedule.

Hence before selecting the Revision no., for a Drg, its details should be entered in the Drg Schedule.

**Error Message 2 :** "Error in Rev no"

If the Revision No. for a drawing is selected as say "2" and there is no mention of Revision say "0" or "1" in the Previous Months, then this message will be generated

Next Enter the Design & Drawing Manhours & Overtime Hours for the specified Drg no & Date.

The corresponding Cumulative Designing & Drawing Manhours & Overtime Hours (Columns in Yellow) will be calculated automatically.

DEPARTMENT Architectural											
	Drg No.	Rev.	D/C MH	Cum. D/C MH	DRG MH	Cum. DRG MH	D/C OT	Cum. D/C OT	DRG OT	Cum. DRG OT	
▶	DRG-P102-AR01	0	8	18	8	18	0	0	0	0	
*											

If the value of Cumulative Drawing Manhours & Overtime Hours is shown in Red, it indicates that Manhours have exceeded. In this case a user to check / change the Data entered and click the save button or change the Manhours entered in the Drawing Manhours Option.

	Drg No.	Rev.	D/C MH	Cum. D/C MH	DRG MH	Cum. DRG MH	D/C OT	Cum. D/C OT	DRG OT	Cum. DRG OT
	DRG-P102-AR01	0	8	48	0	60	0	0	0	0
	DRG-P102-AR03	0	0	40	10	60	0	0	0	0
	DRG-P102-AR04	0	0	40	10	60	0	0	0	0
**										

For A Day, a Combination of Drg No & Rev cannot be repeated. If a Drawing is revised the revision Description may be entered in the [Drawing Revision/ Remarks](#) Option.

\*\*\*\* Also a new record should be added in the Drg Schedule Option, showing the Revision No.

### Copy All

Copy all Option copies the values of the selected row to all the rows in the table.

Click the Save button from time to time to Save & Update the work done.

### Print

In order Print/Export/Email, Daily Progress click on Print button.

2,010 Main Report

**PROGRESS FOR JUNE 2,010**

Department : Architectural

Day	DRG No.	Rev	DVC MH	Cum DVC MH	DRG MH	Cum DRG MH	DVC OT	Cum DVC OT	DRG OT	Cum DRG OT
2	D0C-P102-AR01	0	8	8	0	0	0	0	0	0
2	DRG-P102-AR01	0	8	8	8	8	0	0	0	0
2	DRG-P102-AR02	0	8	8	8	8	0	0	0	0
4	D0C-P102-AR01	0	8	16	0	0	0	0	0	0
4	DRG-P102-AR01	0	8	16	8	16	0	0	0	0
4	DRG-P102-AR02	0	8	16	8	16	0	0	0	0
6	DRG-P102-AR01	0	0	16	8	24	0	0	0	0
6	DRG-P102-AR02	0	8	24	8	24	0	0	0	0
7	DRG-P102-AR01	0	8	24	8	32	0	0	0	0
7	DRG-P102-AR02	0	0	24	8	32	0	0	0	0
8	DRG-P102-AR01	0	0	24	8	40	0	0	0	0
8	DRG-P102-AR02	0	0	24	8	40	0	0	0	0
8	DRG-P102-AR03	0	8	8	8	8	0	0	0	0
8	DRG-P102-AR04	0	8	8	8	8	0	0	0	0
9	D0C-P102-AR01	0	8	24	0	0	0	0	0	0
9	DRG-P102-AR03	0	8	16	8	16	0	0	0	0
9	DRG-P102-AR04	0	8	16	8	16	0	0	0	0
10	D0C-P102-AR01	0	8	32	0	0	0	0	0	0

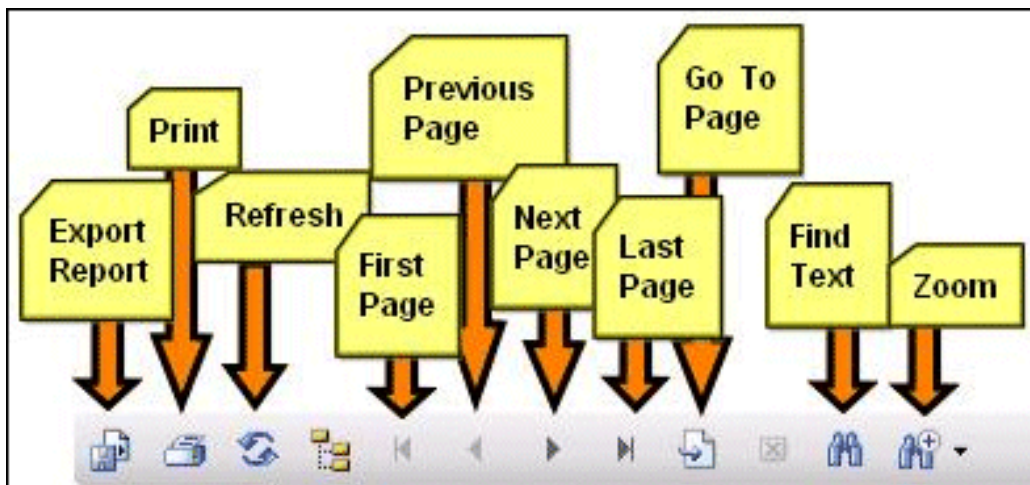
Current Page No.: 1 Total Page No.: 8 Zoom Factor: 75%

The Preview will contain your Companies Details, Logo, Project Info and Daily Drawing Progress.

The Print Preview also has Export, Print, Refresh, Find and Zoom Options.

You can Export your Project Details in PDF (.pdf) , Excel (.xls), Word (.doc) etc Formats

*The Print Preview Toolbar*



In order to [Export](#) Daily Progress, click the Export Report button on the Print Preview toolbar.

In order to [Email](#) the Daily Progress , click the Email button.

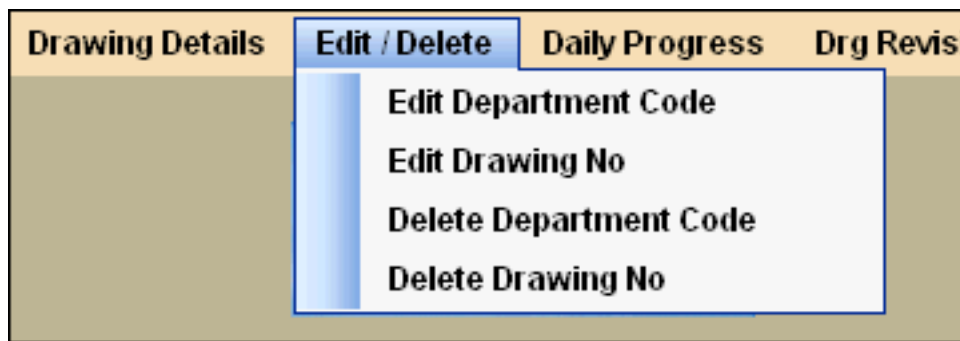
Click Read Me button to understand salient features of this Option

# Design & Drawing Control

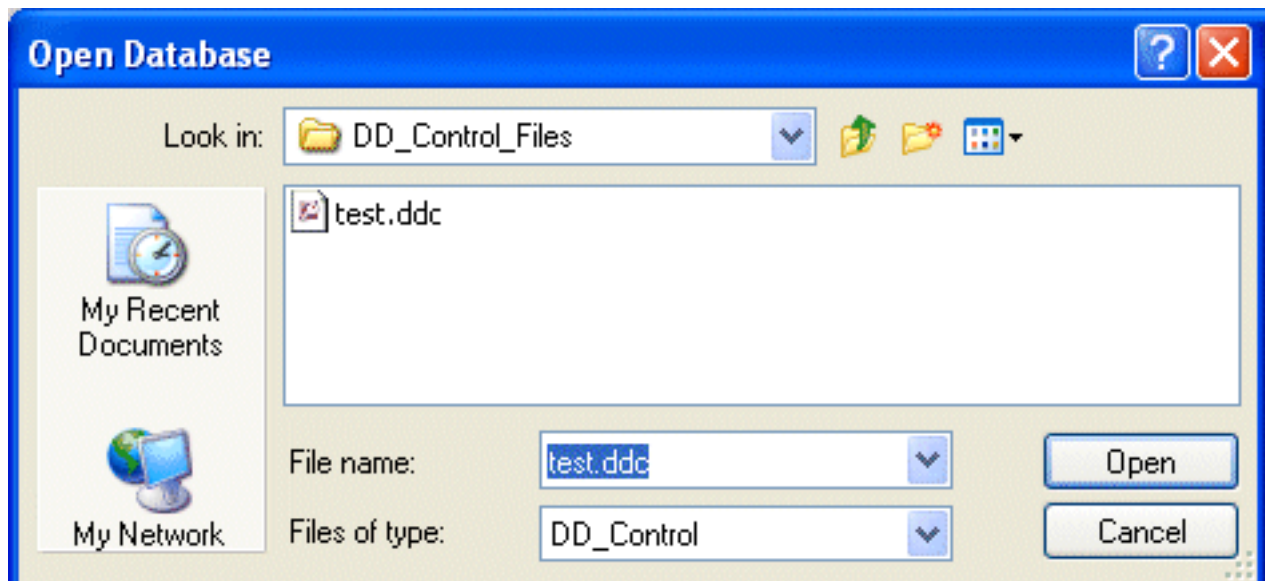
## Edit Department Code

If a Department Code is used in Drg Schedule or Daily Progress Option, Editing the Department Code from the Departments Option will result in an Error.

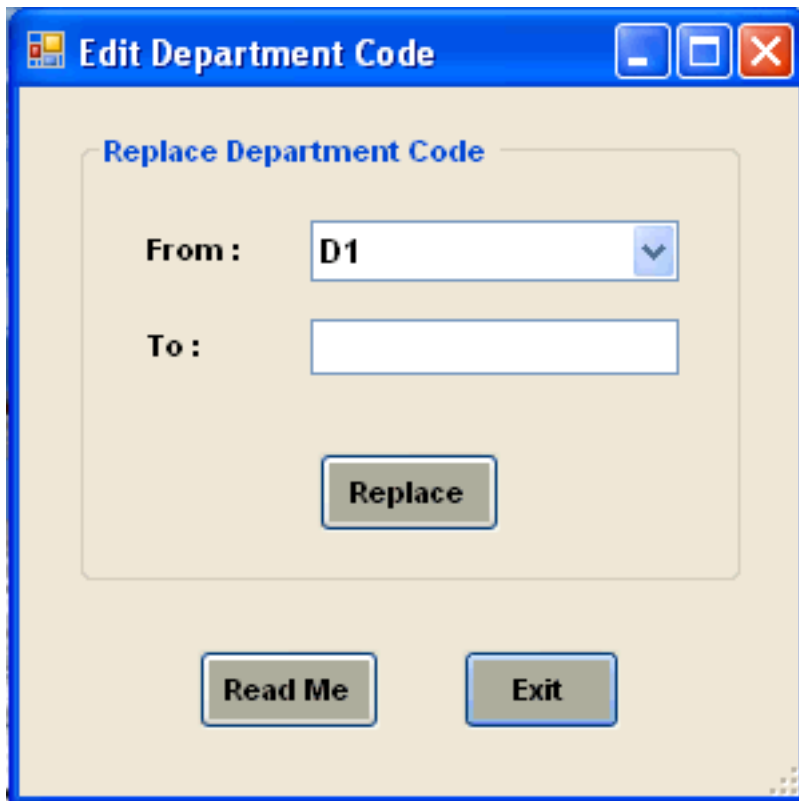
Hence in Order to Edit/ Replace a Department Code in the entire Database ie. In the Departments, Drg Schedule and Daily Progress Options , Select "Edit / Delete" on the Main Menu , from the drop down menu Select "Edit Department Code" as Shown below.



Following graphics will be displayed. Open the file created in Step No 1.

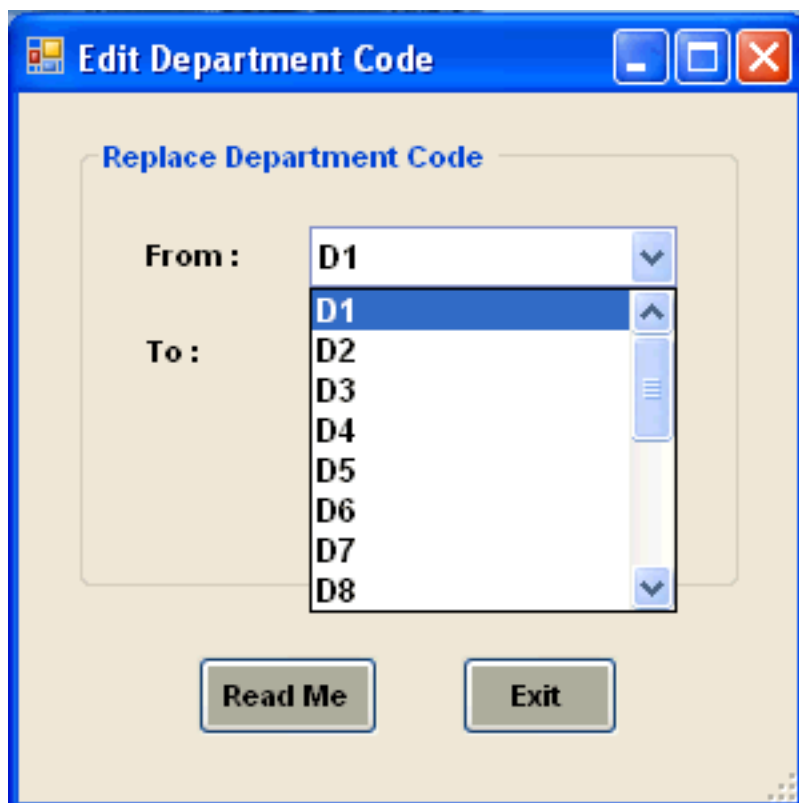


The Edit Department Code page will Open up.

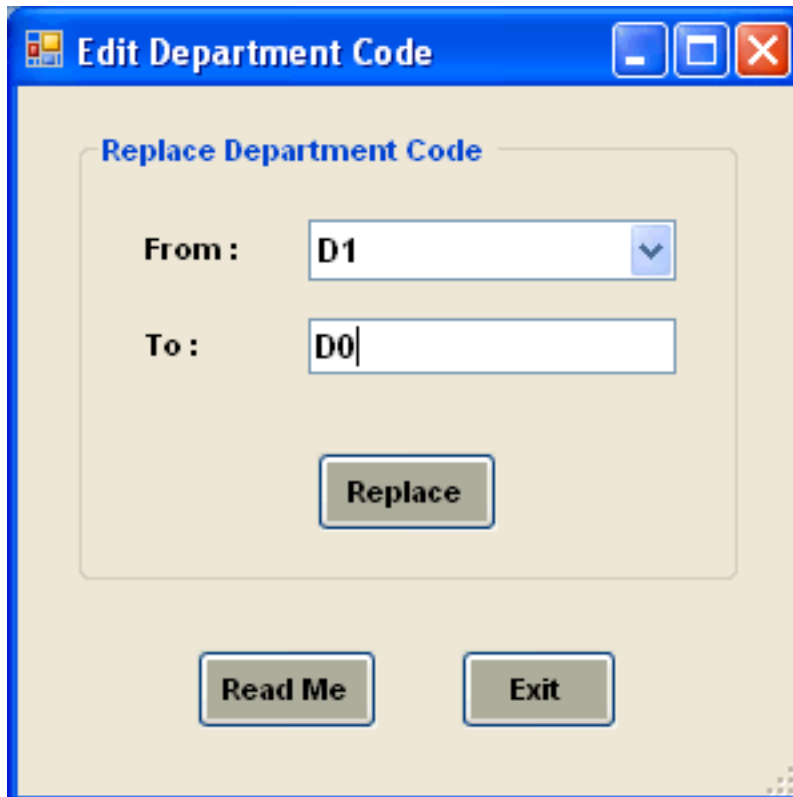


All the Department Codes from the Departments Option are Listed in the "from" drop down list.

Select the Department Code to be Edited / Replaced.



Next Enter the new Department Code in the " To " text field.



The image shows a Windows-style dialog box titled "Edit Department Code". The dialog has a blue title bar with standard window controls (minimize, maximize, close). The main content area is light beige and contains a section titled "Replace Department Code" in blue text. This section includes two input fields: "From:" with a dropdown menu currently showing "D1", and "To:" with a text box containing "D0". Below these fields is a "Replace" button. At the bottom of the dialog, there are two buttons: "Read Me" and "Exit".

Next, click on Replace Button.

Click Read Me button to understand salient features of this Option



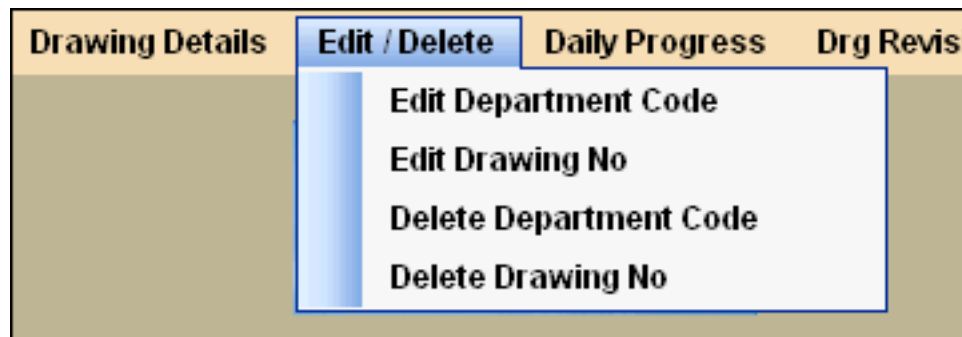
# Design & Drawing Control

## Delete Department Code

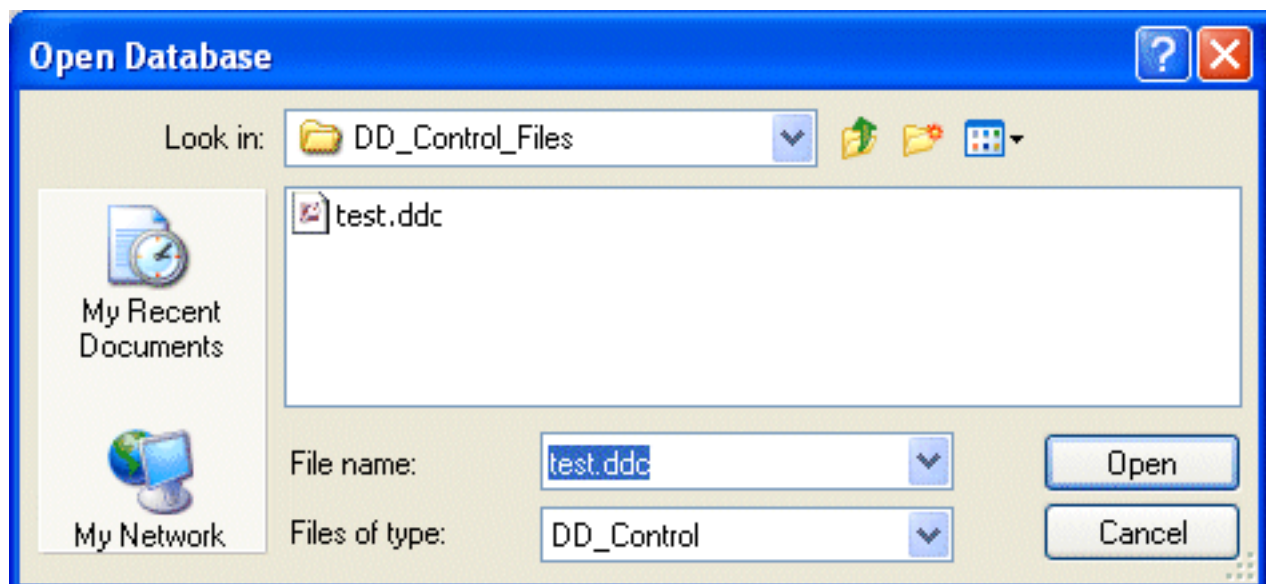
If a Department Code is used in Drg Schedule or Daily Progress Option, Deleting the Department Code from the Departments Option will result in an Error.

Hence in Order to Delete a Department Code from the the entire Database ie. Departments, Drg Schedule and Daily Progress Options , select "Edit / Delete" on the Main Menu , from the drop down menu Select "Delete Department Code" as Shown below.

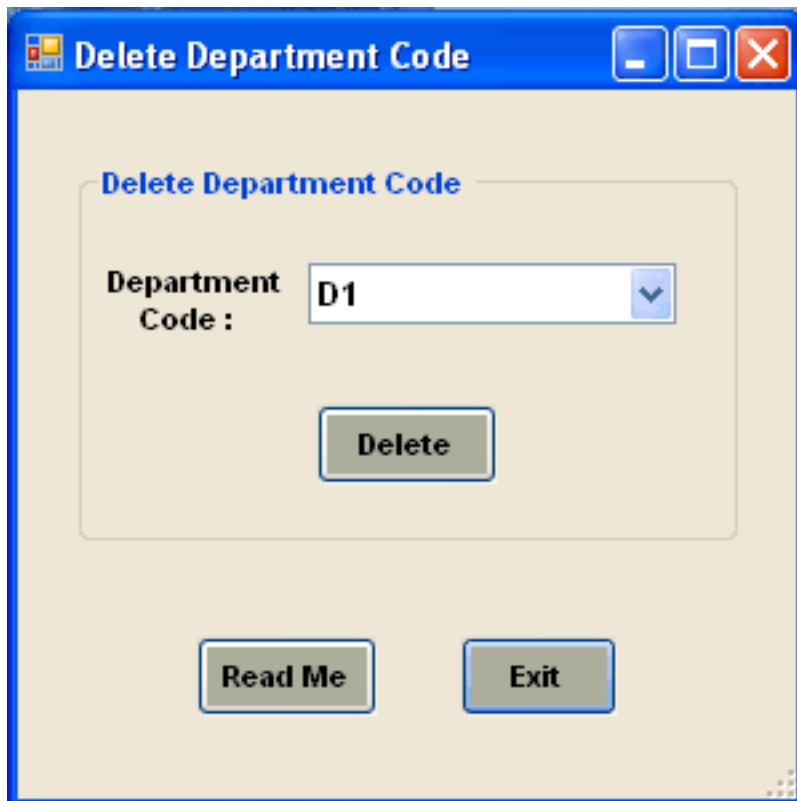
Note that Deleting a Department Code also Deletes its corresponding Drawing Nos.



Following graphics will be displayed. Open the file created in Step No 1.

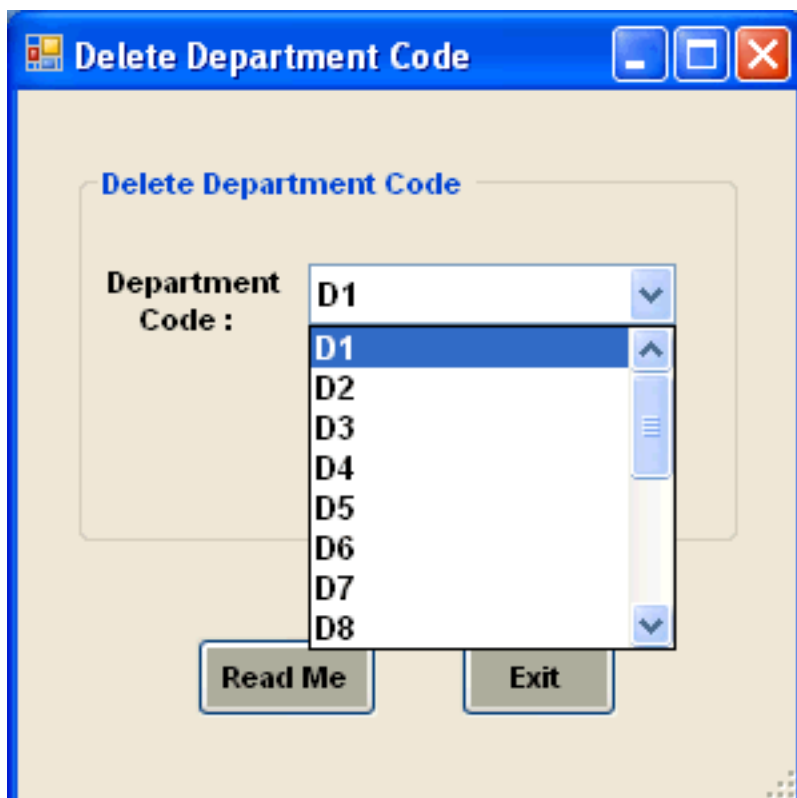


The Delete Department Code page will Open up.



All the Department Codes from the Departments Option are Listed in the "from" drop down list.

Select the Department Code to be Deleted.



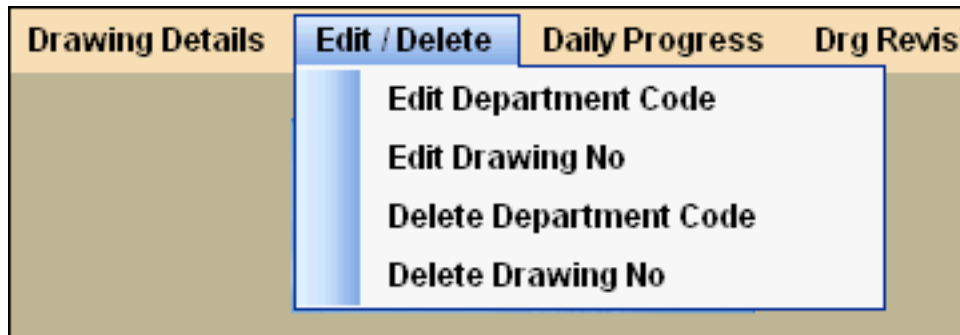
**Next, click on Delete Button.**

**Click Read Me button to understand salient features of this Option**

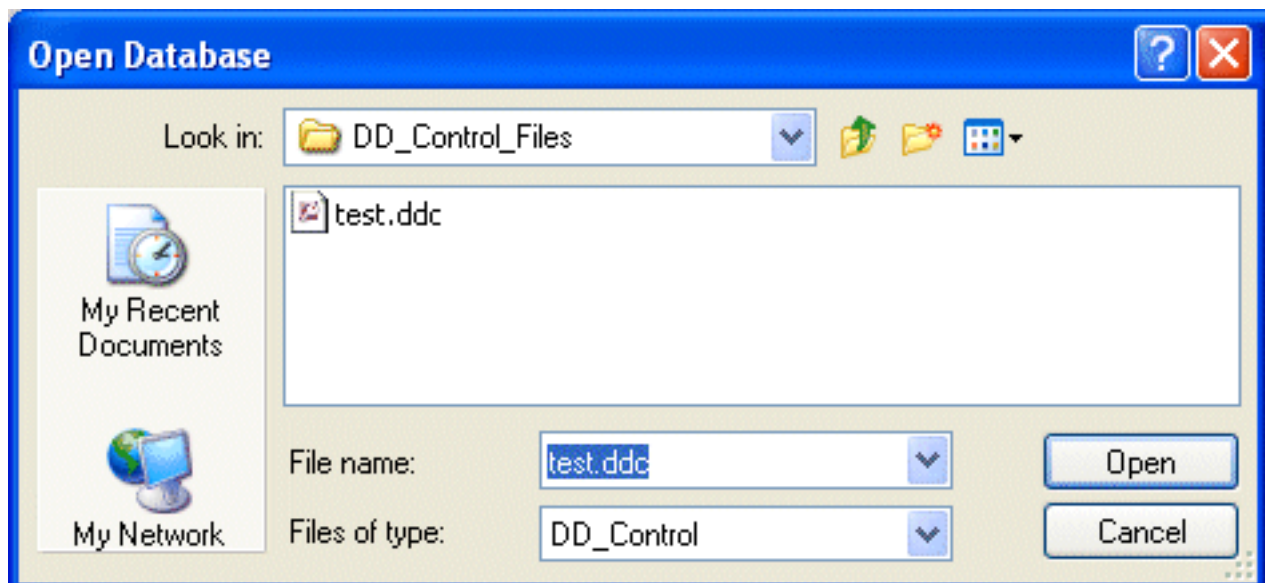
# Design & Drawing Control

## Edit Drawing No

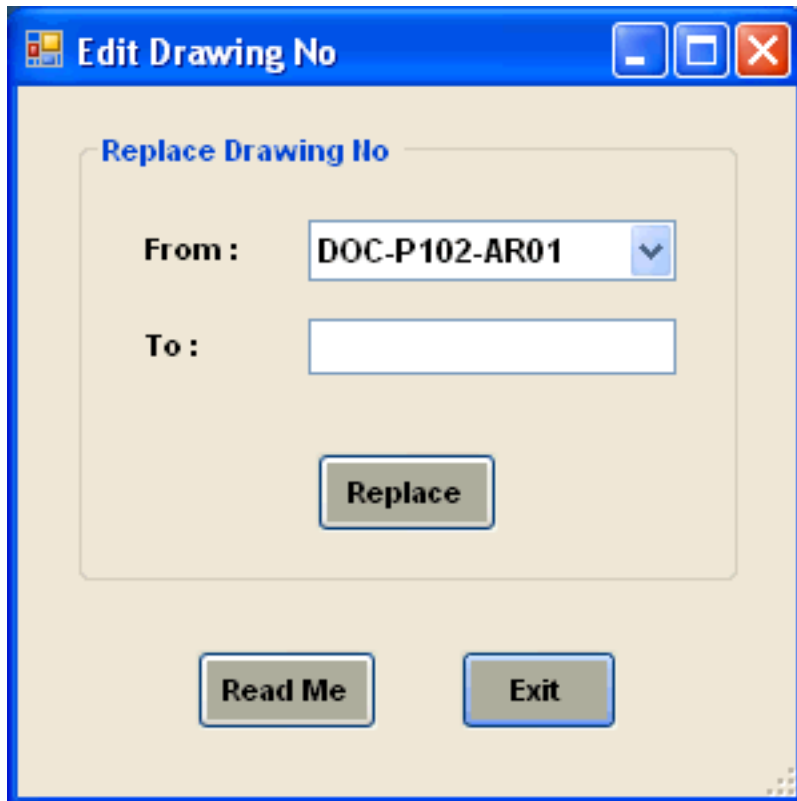
If a Drawing no is used in Drg Schedule, Daily Progress or Revision Option, Editing the Drawing no from the Drawing Schedule will result in an Error. Hence in Order to Edit/ Replace a Drawing No the Entire Database ie. In the Drg Schedule, Daily Progress and revision Options , Select "Edit / Delete" on the Main Menu , from the drop down menu Select "Edit Drawing No" as Shown below.



Following graphics will be displayed. Open the file created in Step No 1.

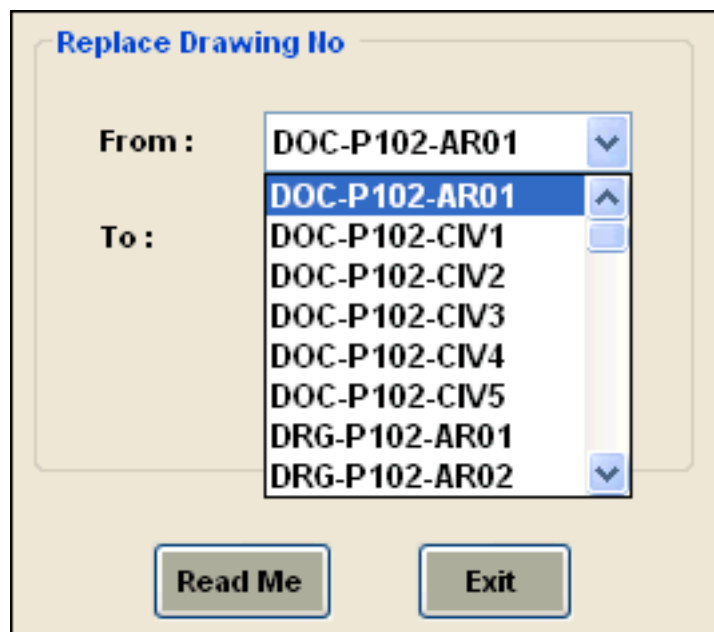


The Edit Drawing No page will Open up.

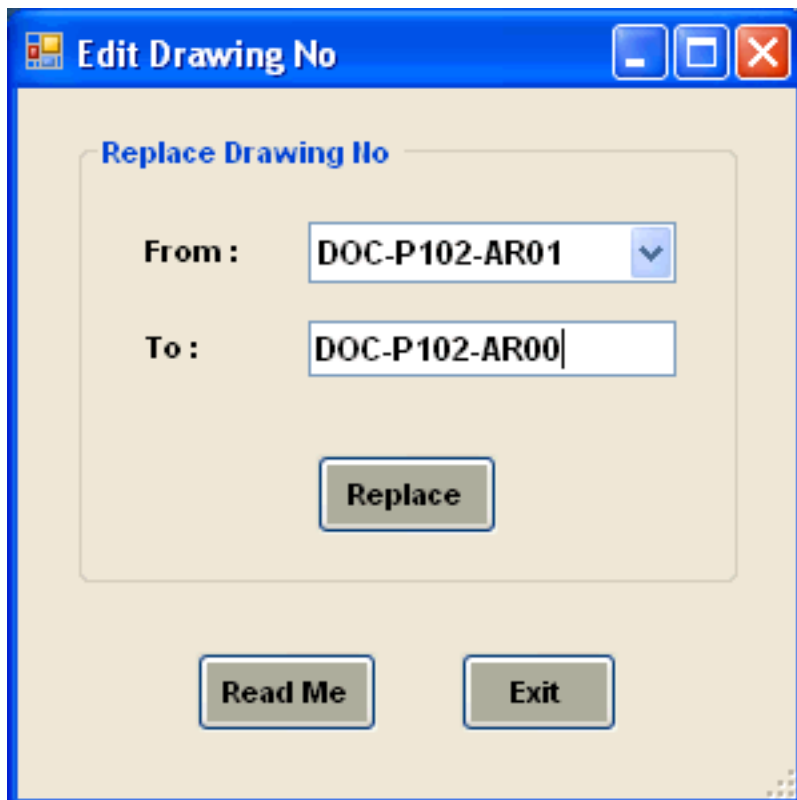


All the Drawing Nos from the Drawing Schedule are Listed in the "from" drop down list.

Select the Drawing no to be Edited / Replaced.



Next Enter the new Drawing No in the "To" text field.



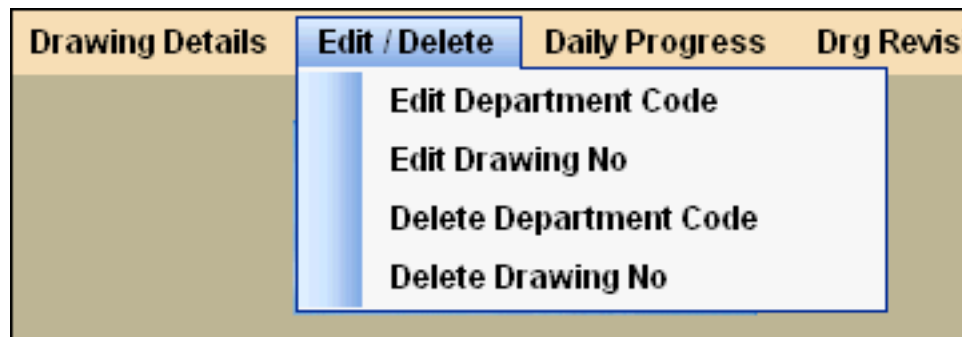
Next, click on Replace Button.

Click Read Me button to understand salient features of this Option

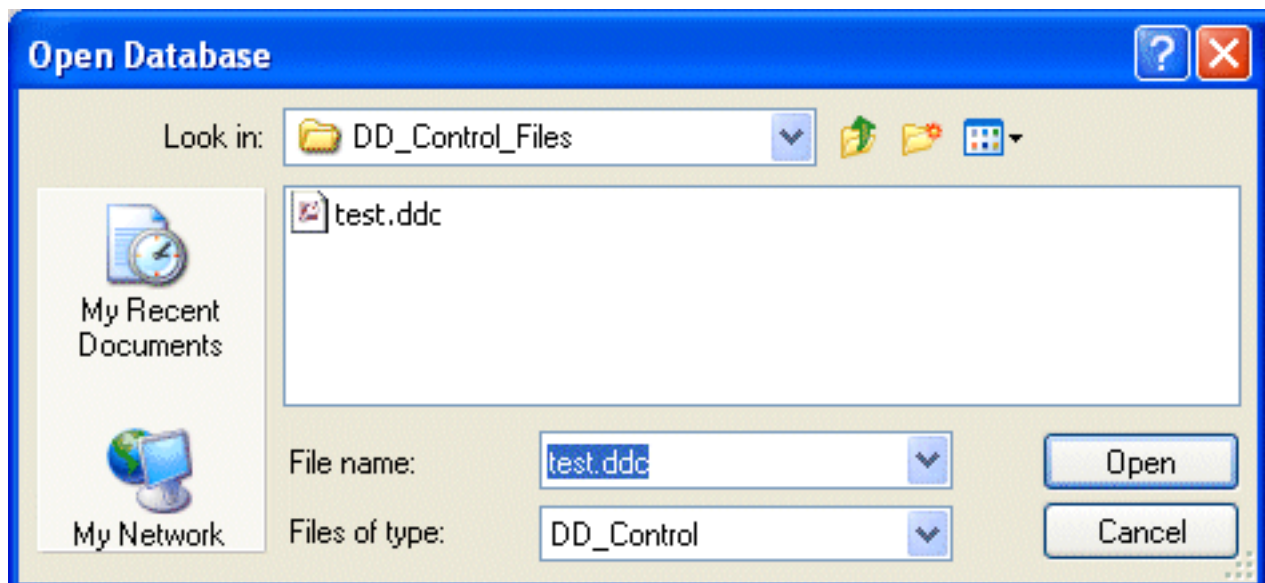
# Design & Drawing Control

## Delete Drawing No

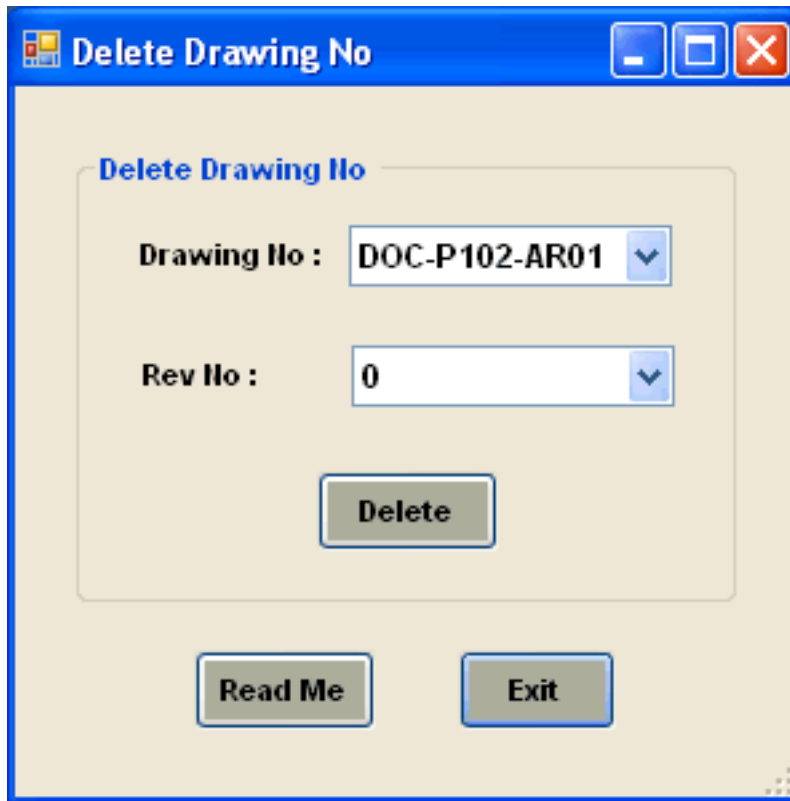
If a Drawing no is used in Drg Schedule, Daily Progress or Revision Option, Deleting the Drawing no from the Drawing Schedule will result in an Error. Hence in Order to Delete a Drawing No from the Entire Databse ie. In the Drg Schedule, Daily Progress and revision Options , Select "Edit / Delete" on the Main Menu , from the drop down menu Select "Delete Drawing No" as Shown below.



Following graphics will be displayed. Open the file created in Step No 1.

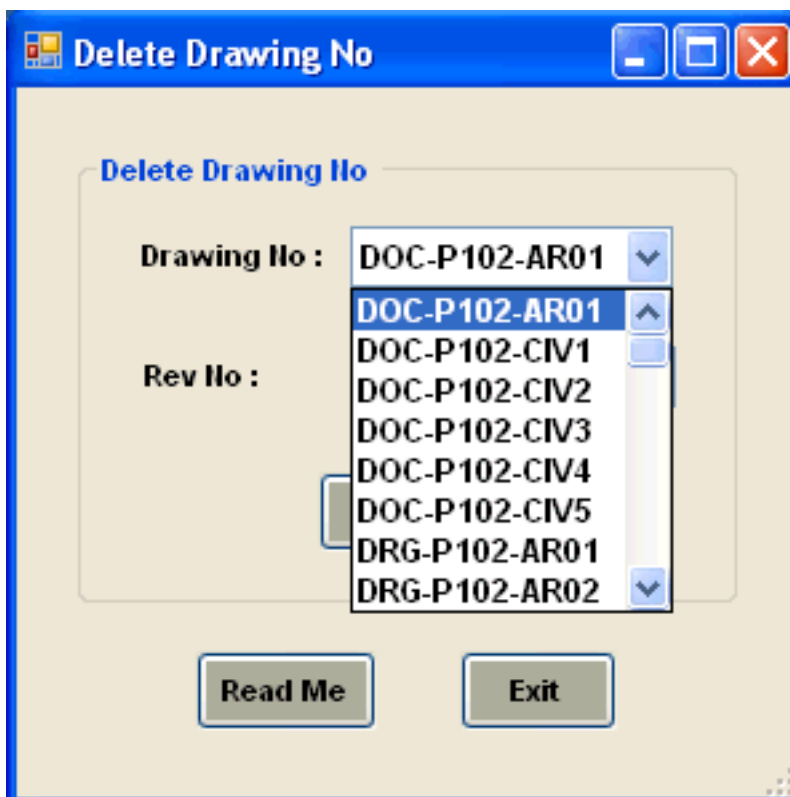


The Delete Drawing No page will Open up.



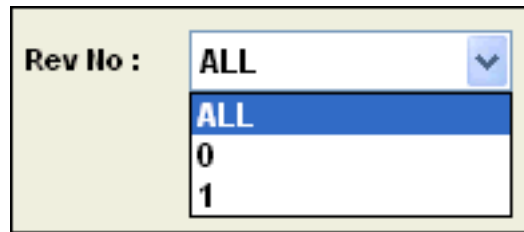
All the Drawing Nos from the Drawing Schedule are Listed in the "from" drop down list.

Select the Drawing no to be Deleted.





**Next Select the Revision from the " Rev No" list and click on Delete Button.**



The image shows a software interface element. On the left, the text "Rev No :" is displayed. To its right is a dropdown menu. The menu is currently open, showing a list of options: "ALL", "0", and "1". The "ALL" option is highlighted with a blue background. A small downward-pointing arrow is visible in the top right corner of the dropdown box.

**Only the Drawing No with the selected Rev no will be Deleted.  
All other revisions of the drawing will not be deleted from any option.**

**If 'All' is selected under Rev No., then all revisions of the selected Drawing will be deleted.**

**Click Read Me button to understand salient features of this Option**

# Design & Drawing Control

## Revisions / Remarks

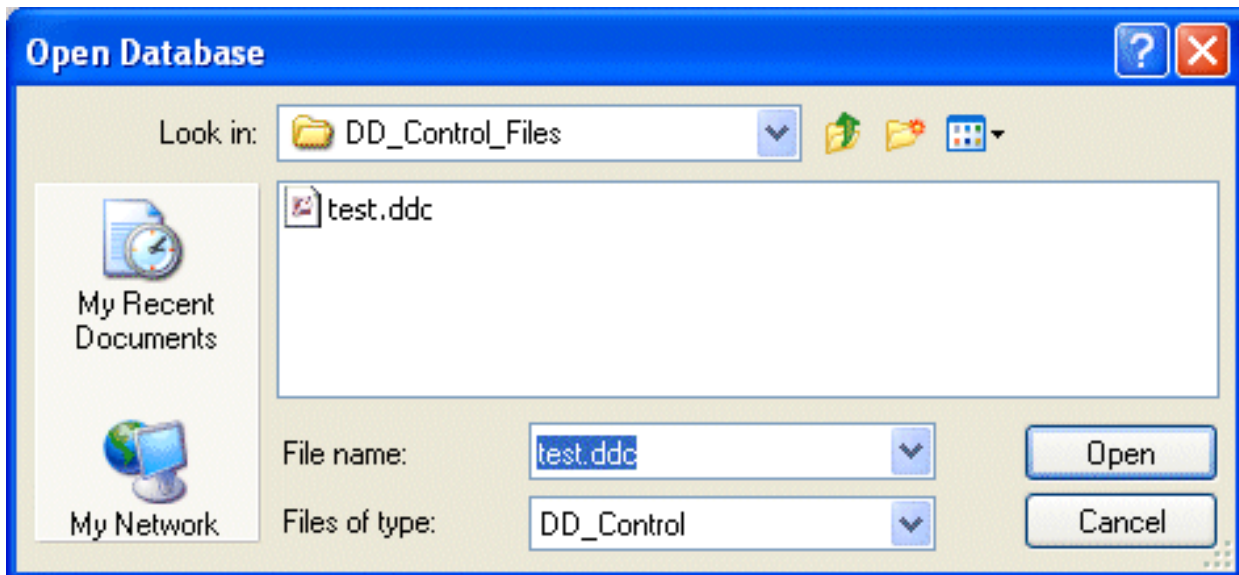
In this Option a user to add Details of Drg revisions/ Remarks, if any. Drg revision is only for record purpose.

To Add Drg Revisions , Select "Drg Revisions" on the Main Menu.



A Window dialog box appears.

Select the Design and Drawing Control file, Created in Step 1.



The Drg Revisions/ Remarks page Opens up.

## DRAWING REVISIONS / REMARKS

Drg No.	Rev
	▼

Enter Drg Revision Description/ Remark Here:

Print Revision  
Des / Remarks

Copy Rev Description /  
Remarks to Clip Board

Record #: 1 Of 1

Prev

Next

1st

Last

Print

Save

Go To Rec

Read Me

Exit

### Add Record

To add a new record, select the Drg no from the drop down List, and the Revision no. Next, in the text feild enter the Description of Revision / Remark.

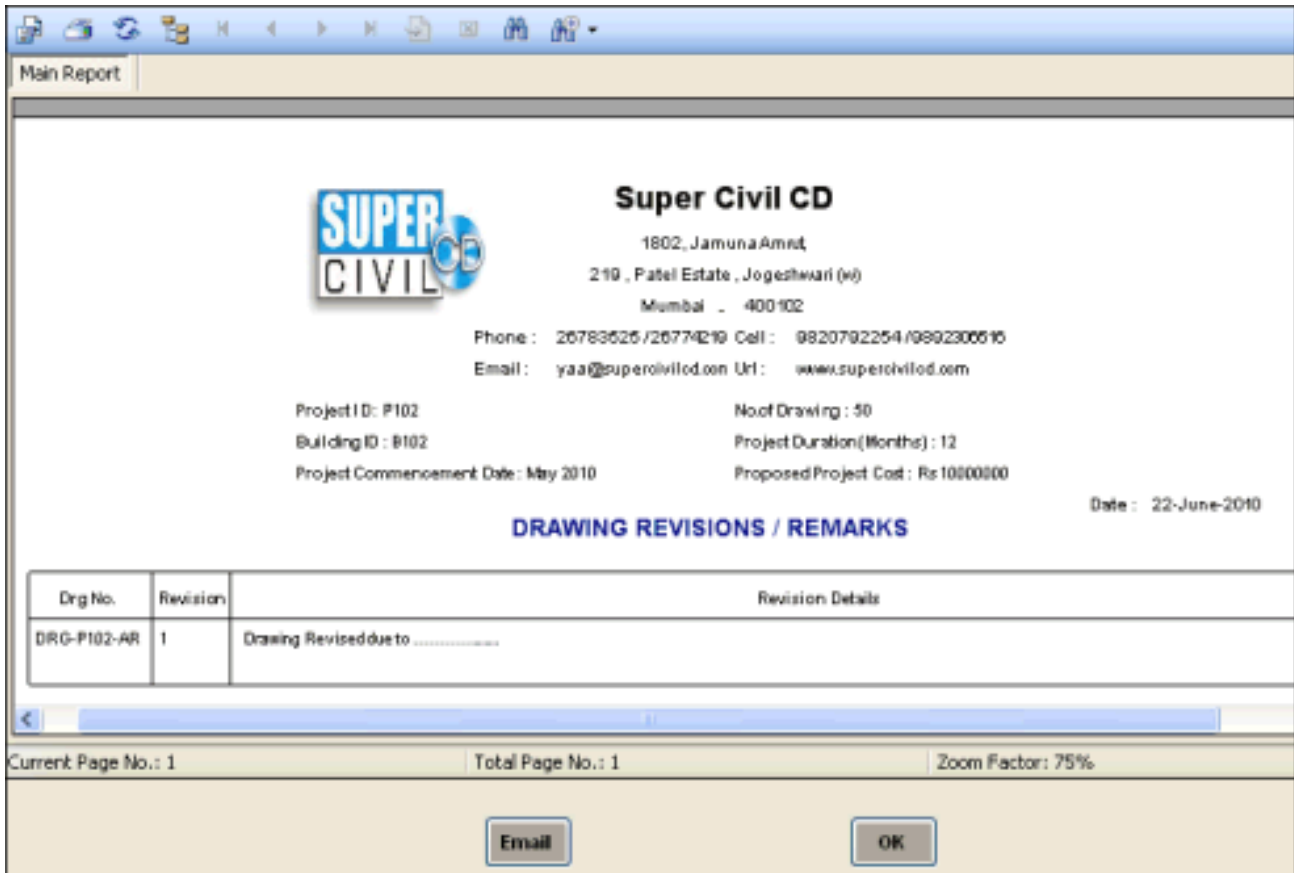
Drg No.	Rev
DRG-P102-AR01	1
DOC-P102-AR01	▼
DOC-P102-CIV1	▲
DOC-P102-CIV2	▲
DOC-P102-CIV3	▲
DOC-P102-CIV4	▲
DOC-P102-CIV5	▲
DRG-P102-AR01	▲
DRG-P102-AR02	▼

### Delete Records

In Order to Delete a Record(s), Select the Row(s) containing the record(s) and press the Delete Key on your Keyboard

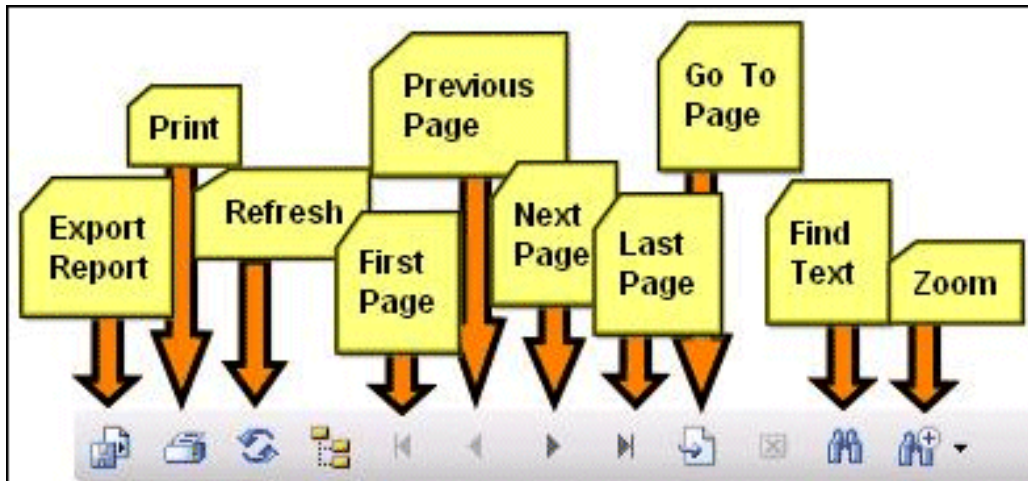
### Print

In Order Print/Export/Email, Drawing Revisions click on Print button.



The Preview will contain your Companies Details, Logo, Project Info & Drawing Revisions. The Print Preview also has Export, Print, Refresh, Find and Zoom Options. You can Export your Project Details in PDF (.pdf) , Excel (.xls), Word (.doc) etc Formats

### *The Print Preview Toolbar*



In order to [Export](#) Drawing Revisions , click the Export Report button on the Print Preview toolbar.

In order to [Email](#) the Drawing Revisions , click the Email button.

**Click Read Me button to understand salient features of this Option**

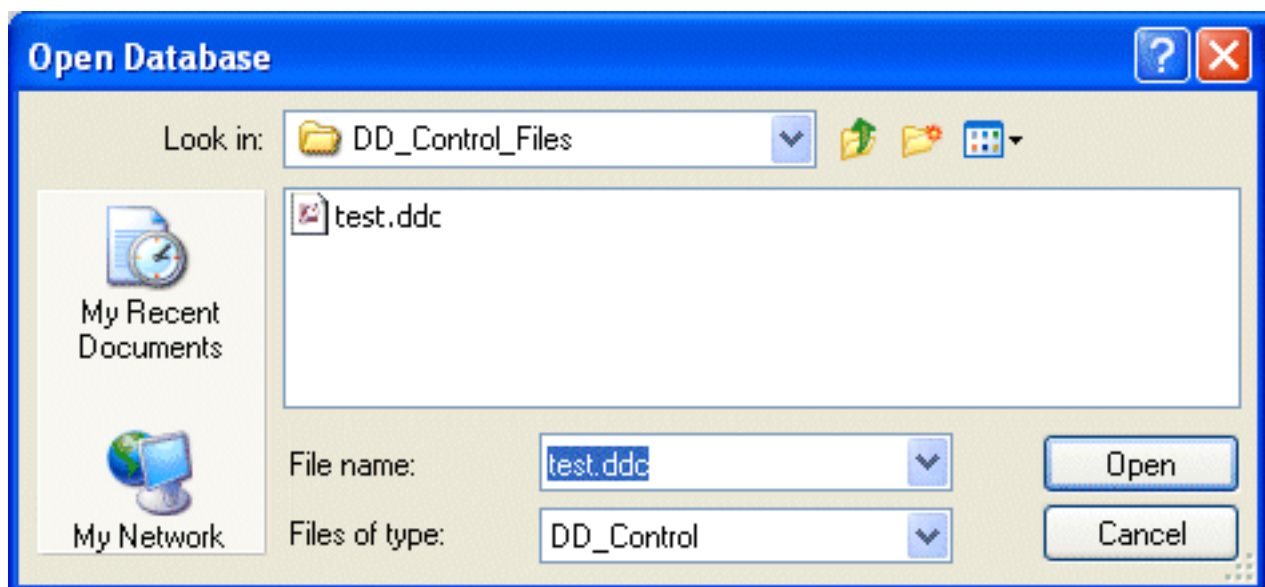
# Design & Drawing Control

## Department Cost / Progress / Profit

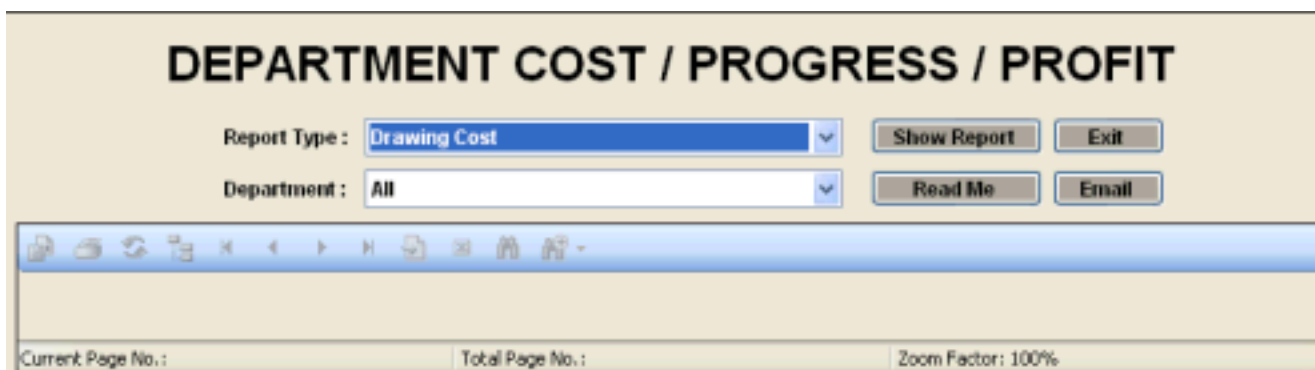
To View Department Wise Reports , Select Reports on the Main Menu. From the Drop down menu, Select Department Cost / Progress / Profit.



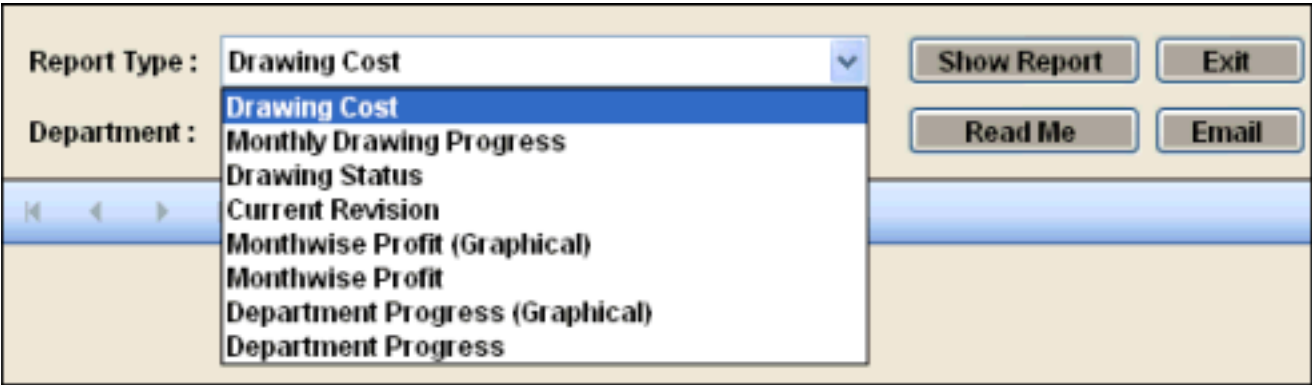
A Window dialog box appears. Select the Design and Drawing Control file, Created in Step 1.



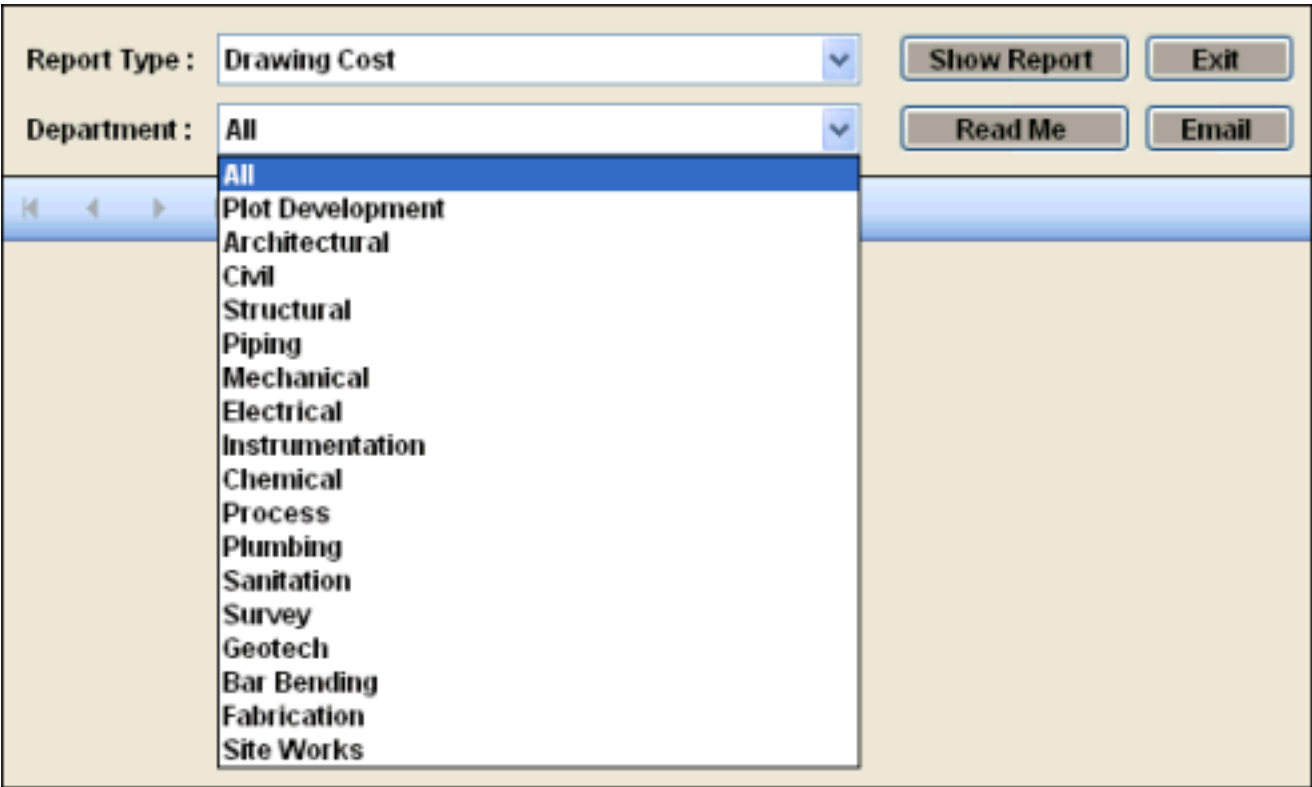
The Department Cost / Progress / Profit page Opens up.



Select the Type Of Report and the Department from the respective drop down List and click on "Show Report" button.



If a user wants to view records for a specific Department the required Department may be selected , else "All" may be selected to view records of all Departments.



***Type Of Reports***

**1. *Drawing Cost***

Displays the Cost of Designing, Drawing and Total Cost per Drawing.

Architectural  
Civil  
Plot Development  
Structural

Main Report

**DRAWING COST**  
Department : Architectural

Drg No.	Rev	Drg Size	Description	D/C MH	D/C OT	DRG MH	DRG OT	Cost of D/C	Cost Of DRG	Total Cost
DOC-FKD-AR01	0		Design Basic	40	0	0	0	4000	0	4000
DRG-FKD-AR01	0	A0	Perspective Drawing	40	0	60	0	4000	3000	7000
DRG-FKD-AR02	0	A1	Ground Floor Plan	40	0	60	0	4000	3000	7000
DRG-FKD-AR03	0	A1	Typical Floor Plan (1-B)	40	0	60	0	4000	3000	7000
DRG-FKD-AR04	0	A1	Typical Floor Plan (P-32)	40	0	60	0	4000	3000	7000
DRG-FKD-AR05	0	A0	Roofplan	40	0	60	0	4000	3000	7000
DRG-FKD-AR06	0	A1	Ground Floor Plan - Details (SH 1 of 2)	40	0	60	0	4000	3000	7000
DRG-FKD-AR07	0	A1	Ground Floor Plan - Details (SH 2 of 2)	40	0	60	0	4000	3000	7000
DRG-FKD-AR08	0	A1	Typical Floor Plan (1-B) - Details (SH 1 of 2)	40	0	60	0	4000	3000	7000
DRG-FKD-AR09	0	A1	Typical Floor Plan (1-B) - Details (SH 2 of 2)	40	0	60	0	4000	3000	7000
DRG-FKD-AR10	0	A1	Typical Floor Plan (P-32) - Details (SH 1 of 2)	40	0	60	0	4000	3000	7000
DRG-FKD-AR11	0	A1	Typical Floor Plan (P-32) - Details (SH 2 of 2)	40	0	60	0	4000	3000	7000
DRG-FKD-AR12	0	A0	Roofplan - Details	40	0	60	0	4000	3000	7000
DRG-FKD-AR12	1	A0	Roofplan - Details	20	0	20	0	2000	1000	3000

Current Page No.: 1      Total Page No.: 6      Zoom Factor: 75%

## 2. Monthly Drawing Progress

Displays the Monthwise % Progress of a Drawing.

If the % Designing / Drawing Completed is shown in Red, it indicates that the Manhours have Exceeded.

Main Report

Date : 23-June-2010

**PROGRESS FOR JUNE 2,010**  
Department : Architectural

Drg No.	Rev	Drg Size	Description	D/C MH	D/C OT	Drg MH	Drg OT	% D/C Completed	Cum. % D/C Completed Till Date	% Drg Completed	Cum. % Drg Completed Till Date
DOC-FKD-AR01	0		Design Basic	40.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00
DRG-FKD-AR01	0	A0	Perspective Drawing	40.00	0.00	60.00	0.00	100.00	100.00	100.00	100.00
DRG-FKD-AR02	0	A1	Ground Floor Plan	40.00	0.00	60.00	0.00	100.00	100.00	100.00	100.00
DRG-FKD-AR03	0	A1	Typical Floor Plan(1-B)	40.00	0.00	60.00	0.00	100.00	100.00	100.00	100.00
DRG-FKD-AR04	0	A1	Typical Floor Plan(P-32)	40.00	0.00	60.00	0.00	100.00	100.00	100.00	100.00
DRG-FKD-AR05	0	A0	Roofplan	40.00	0.00	60.00	0.00	100.00	100.00	100.00	100.00
DRG-FKD-AR06	0	A1	Ground Floor Plan - Details (SH 1 of 2)	40.00	0.00	60.00	0.00	100.00	100.00	100.00	100.00
DRG-FKD-AR07	0	A1	Ground Floor Plan - Details (SH 2 of 2)	40.00	0.00	60.00	0.00	100.00	100.00	100.00	100.00

D/C MH : Designing Manhours      D/C OT : Designing Overtime      DRG MH : Drawing Manhours      DRG OT : Drawing Overtime

⇒ Manhours Exceeded

Cum - Cumulative

Page 1 of 13

Current Page No.: 1      Total Page No.: 13      Zoom Factor: 70%

## 3. Drawing Status

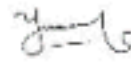
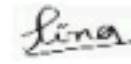
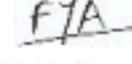
Displays the Status of Drawing as on Today (Day of which report is Viewed). It will mention the Status of Work as Completed / Yet to Start or Lagging.



Project ID : P102      Work Drawing - 10  
 Building ID : B102      Project Duration (Months) : 36  
 Project Commencement Date : May 2010      Proposed Project Cost : Rs. 10000000  
 Date : 08-June-2010

**DRAWING STATUS**  
 Department : Structural

Dwg No.	Rev	Dwg Size	Description	Start Date	Finish Date	% D/C Comp -lete	% D/RG Comp -lete	Engineer Resp.	Draftsman Resp.	Remark
D-STR-S-01	RD	A1	Grade 1 Details	05-05-2010	20-05-2010	100.00	101.54	abc	xyz	Designing Completed and Drawing Markings Exceeded
D-STR-S-02	RD	A1	Structural Box Members	13-05-2010	25-05-2010	74.29	80.00	R.Pankaj	Rakesh	Work lagging by 13 day(s)
D-STR-S-03	RD	A1	Seal of Box Column to Box Members	19-05-2010	30-05-2010	9.00	8.82	Ravi	Rohit	Work lagging by 9 day(s)

Dwg - Drawing  
 Resp - Responsible      (1)       (2)       (3)   
 Manhours Exceeded      Authorized Signatures

No.: 4      Total Page No.: 5      Zoom Factor: 70%

#### 4. Current Revision

Displays the Current Revision of Drawing and its Progress

Date : 23-June-2010

**CURRENT REVISION**  
 Department : Architectural

Dwg No.	Current Rev	Dwg Size	Description	D/C MH	D/C OT	Dwg MH	Dwg OT	% D/C Completed	% Dwg Completed
DRD-P 02-AR08	0	A1	Typical Floor Plan (1 - B) - Details (DR 1 of 2)	40.00	0.00	80.00	0.00	100.00	100.00
DRD-P 02-AR09	0	A1	Typical Floor Plan (1 - B) - Details (DR 2 of 2)	40.00	0.00	80.00	0.00	100.00	100.00
DRD-P 02-AR10	0	A1	Typical Floor Plan (2-20) - Details (DR 1 of 2)	40.00	0.00	80.00	0.00	100.00	100.00
DRD-P 02-AR11	0	A1	Typical Floor Plan (2-20) - Details (DR 2 of 2)	40.00	0.00	80.00	0.00	100.00	100.00
DRD-P 02-AR12	1	A2	Roofplan - Details	20.00	0.00	20.00	0.00	100.00	100.00
DRD-P 02-AR13	0	A2	Brackon - B - Details	40.00	0.00	80.00	0.00	100.00	100.00
DRD-P 02-AR14	0	A2	Brackon - B - Details	40.00	0.00	80.00	0.00	100.00	100.00
DRD-P 02-AR15	0	A2	Brackon - B - Details	40.00	0.00	80.00	0.00	100.00	100.00

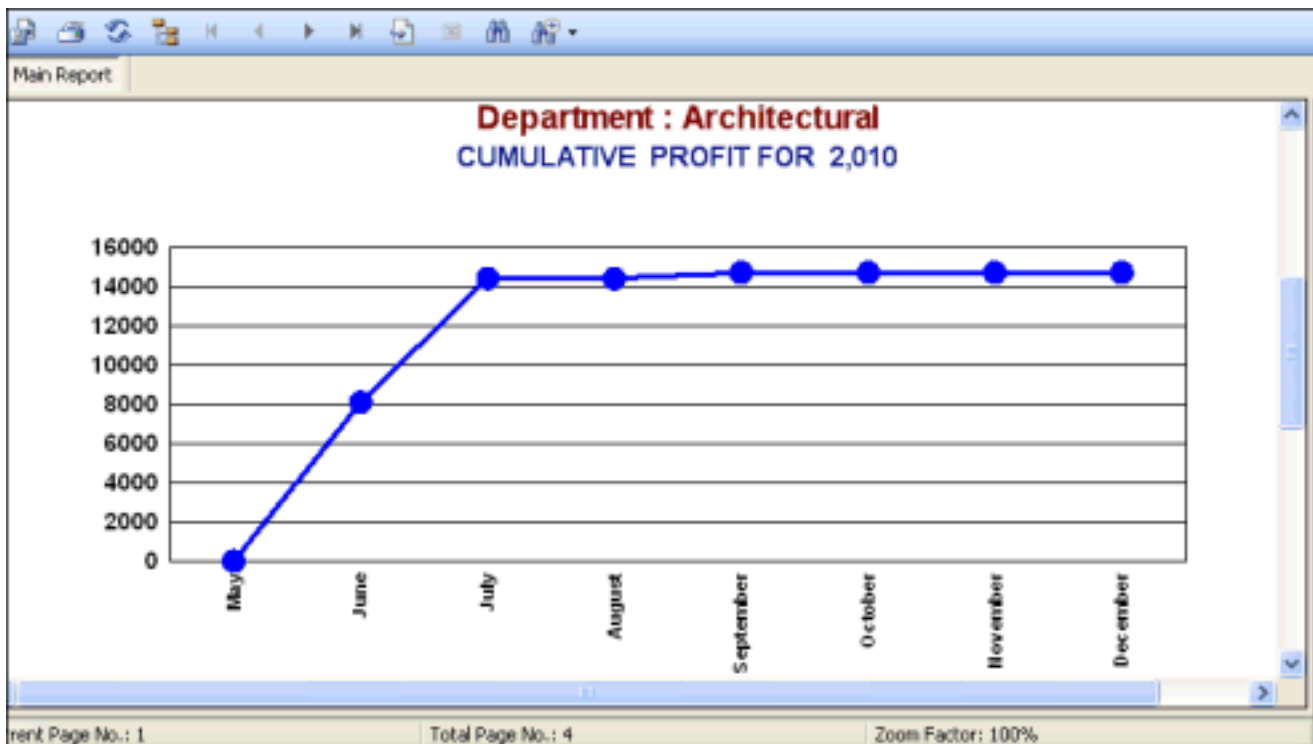
D/C MH : Design Markings      D/C OT : Design Overhead      D/RG MH : Drawing Markings      D/RG OT : Drawing Overhead  
 Manhours Exceeded  
 Cum - Cumulative

Page 2 of 9

Current Page No.: 2      Total Page No.: 9      Zoom Factor: 70%

#### 5. Monthwise Profit (Graphical)

Displays Monthwise Cumulative Profit for a Department



## 5. Profit

Displays the Profit, Drawing Wise and Department Wise

Main Report

### Department : Architectural PROFIT FOR JULY 2,010

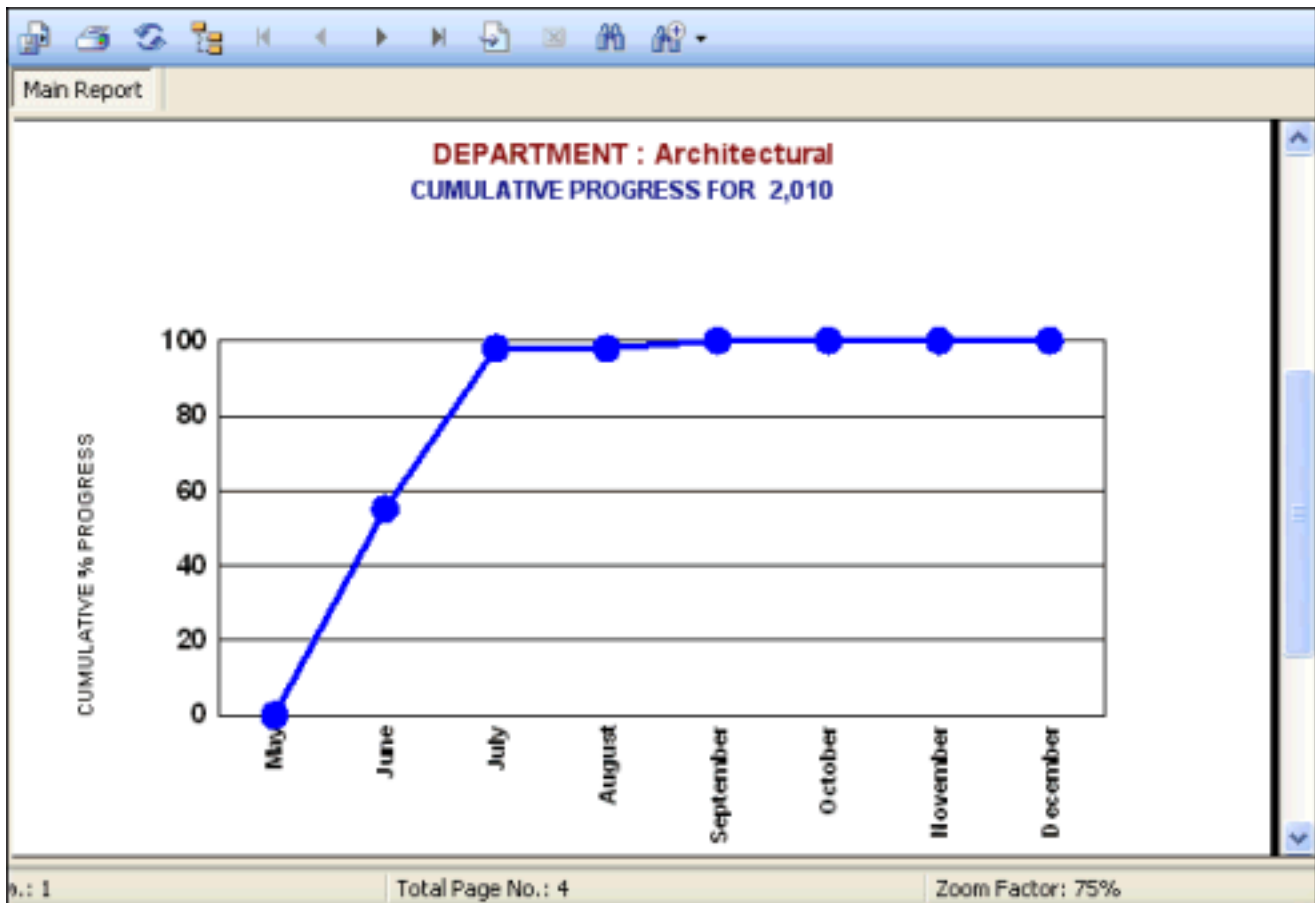
Drg No.	Rev	Description	D/C MH	DRG MH	D/C OT	DRG OT	Cost (Rs)	Profit (Rs)	Cum. Profit (Rs)
DRG-P102-AR12	0	Roof plan- Details	40	60	0	0	7000	700.00	8,800.00
DRG-P102-AR13	0	Elevation - N- Details	40	60	0	0	7000	700.00	9,500.00
DRG-P102-AR14	0	Elevation - S- Details	40	60	0	0	7000	700.00	10,200.00
DRG-P102-AR15	0	Elevation - E- Details	40	60	0	0	7000	700.00	10,900.00
DRG-P102-AR16	0	Elevation - W- Details	40	60	0	0	7000	700.00	11,600.00
DRG-P102-AR17	0	Sections (SH 1 of 2)	40	60	0	0	7000	700.00	12,300.00
DRG-P102-AR18	0	Sections (SH 2 of 2)	40	60	0	0	7000	700.00	13,000.00
DRG-P102-AR19	0	Door and Window Schedule	40	60	0	0	7000	700.00	13,700.00
DRG-P102-AR20	0	Toilet Block Schedule	40	60	0	0	7000	700.00	14,400.00

Total Profit for Architectural Department in JULY 2,010 : Rs 6,300.00  
Cumulative Profit for Architectural Department : Rs 14,400.00

Total Page No.: 9      Zoom Factor: 75%

## 6. Department Progress (Graphical)

Displays the Monthwise Cumulative Progress of each Department in Graphical Form



## 7. Department Progress

Displays the Monthwise Progress of each Department in Tabular form.

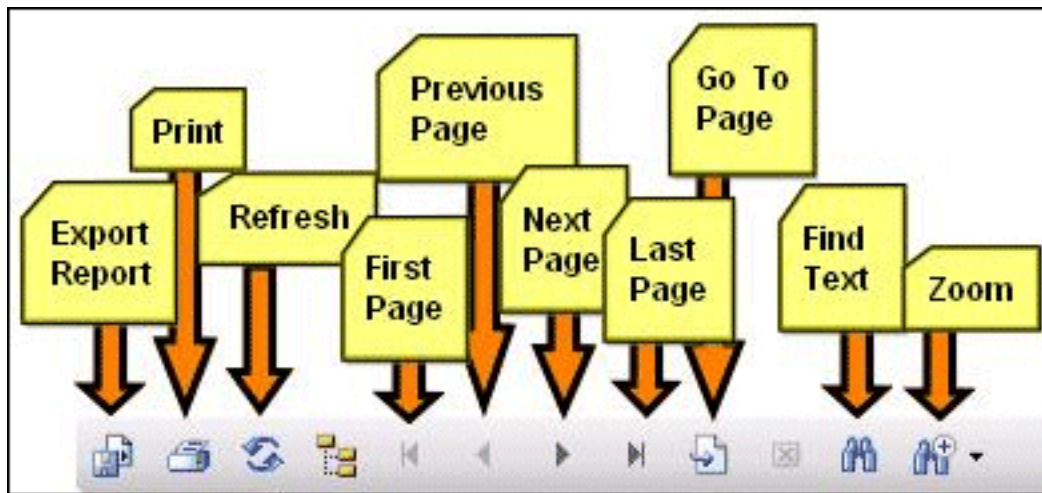
Main Report

**Progress for Architectural Department in Year 2,010**

Month	Amount of Work Completed	Department Progress (%)	Cum. Department Progress (%)	Project Progress (%)	Cum.Project Progress (%)
May	0.00	0.00	0.00	0.00	0.00
June	81,000.00	55.10	55.10	20.40	20.40
July	63,000.00	42.86	97.96	15.87	36.27
August	0.00	0.00	97.96	0.00	36.27
September	3,000.00	2.04	100.00	0.76	37.03
October	0.00	0.00	100.00	0.00	37.03
November	0.00	0.00	100.00	0.00	37.03
December	0.00	0.00	100.00	0.00	37.03

Current Page No. : 1      Total Page No. : 4      Zoom Factor: 100%

***The Print Preview Toolbar***



In order to [Export](#) Reports , click the Export Report button on the Print Preview toolbar.

In order to [Email](#) the Reports , click the Email button.

Click Read Me button to understand salient features of this Option

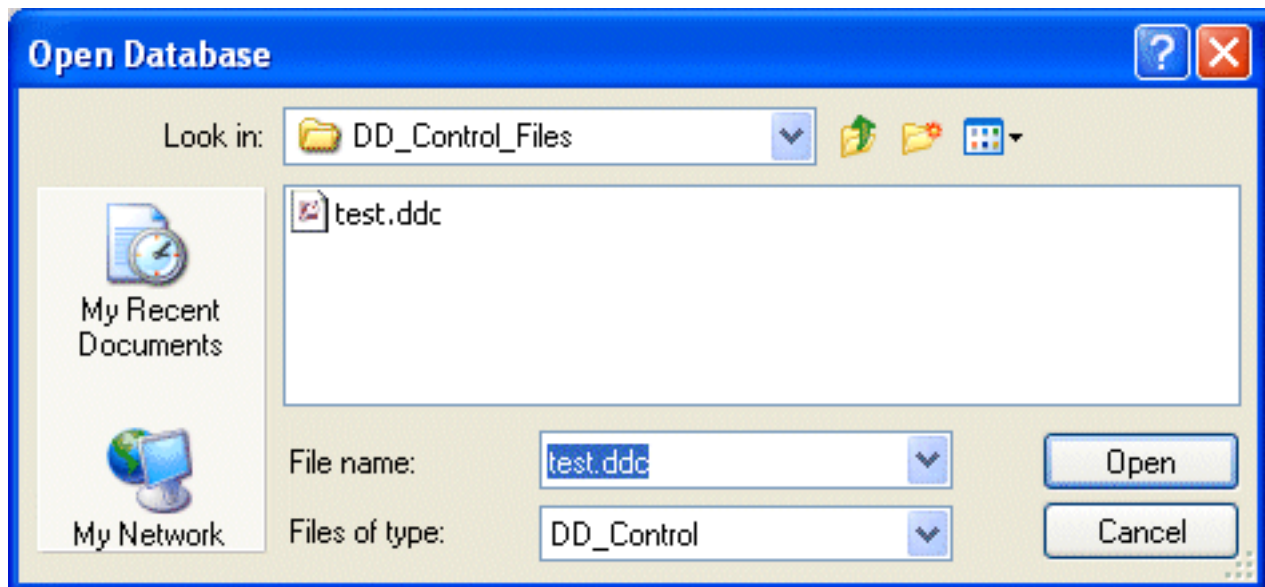
# Design & Drawing Control

## Project Progress / Profit

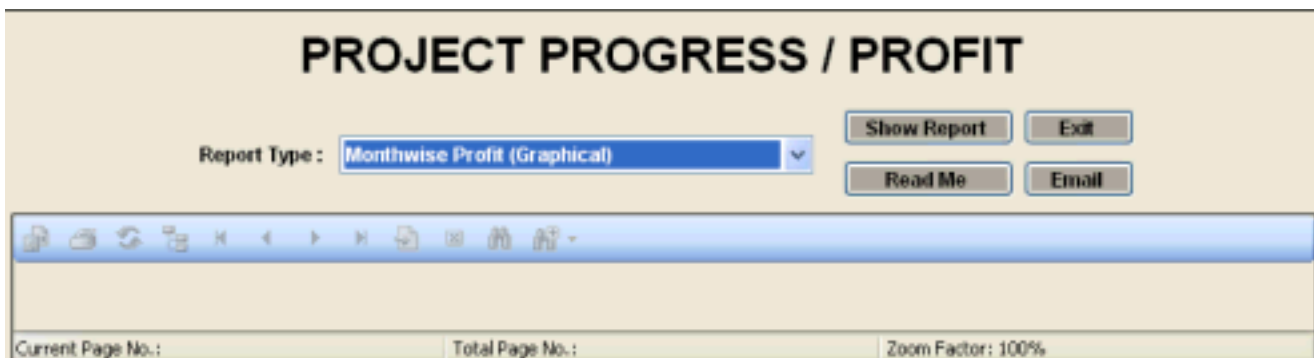
To View Project Wise Reports , Select Reports on the Main Menu.  
From the Drop down menu, Select Project Progress / Profit.



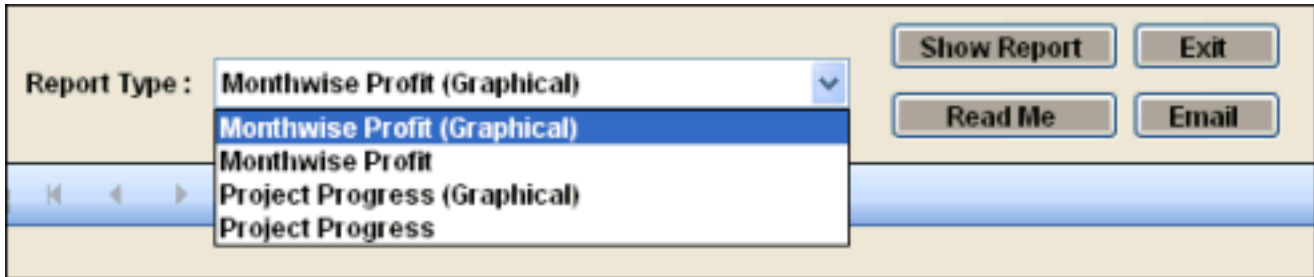
A Window dialog box appears.  
Select the Design and Drawing Control file, Created in Step 1.



The Project Progress / Profit Opens up.



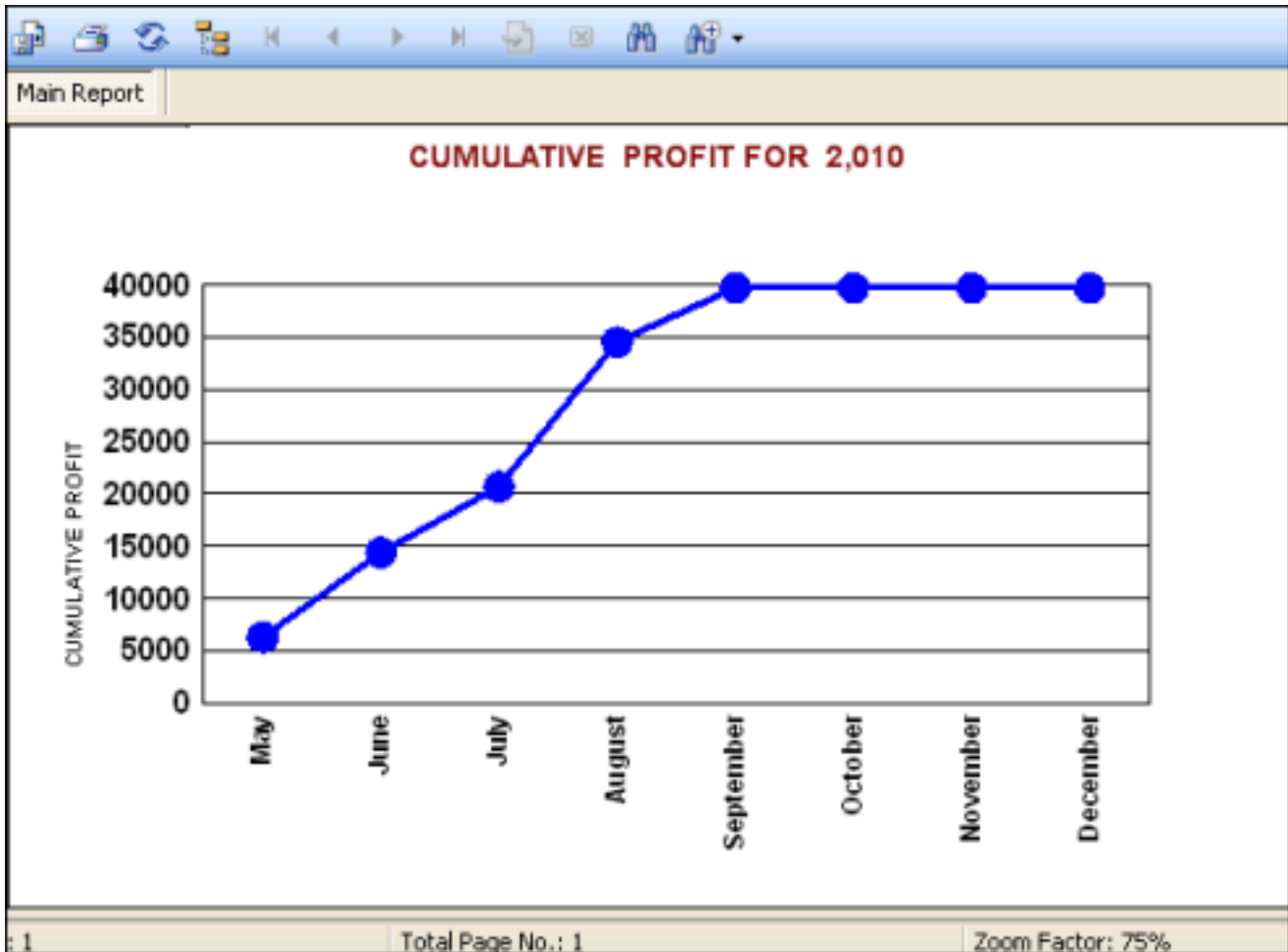
Select the Type Of Report from the drop down List and click on "Show Report" button.



### *Type Of Reports*

#### 1. **Monthwise Profit (Graphical)**

Displays Monthwise Project Profit (in Graphical Format) considering Profit from all Departments.



#### 2. **Monthwise Profit (Graphical)**

Displays Monthwise Project Profit (in Tabular Format) considering Profit from all Departments.

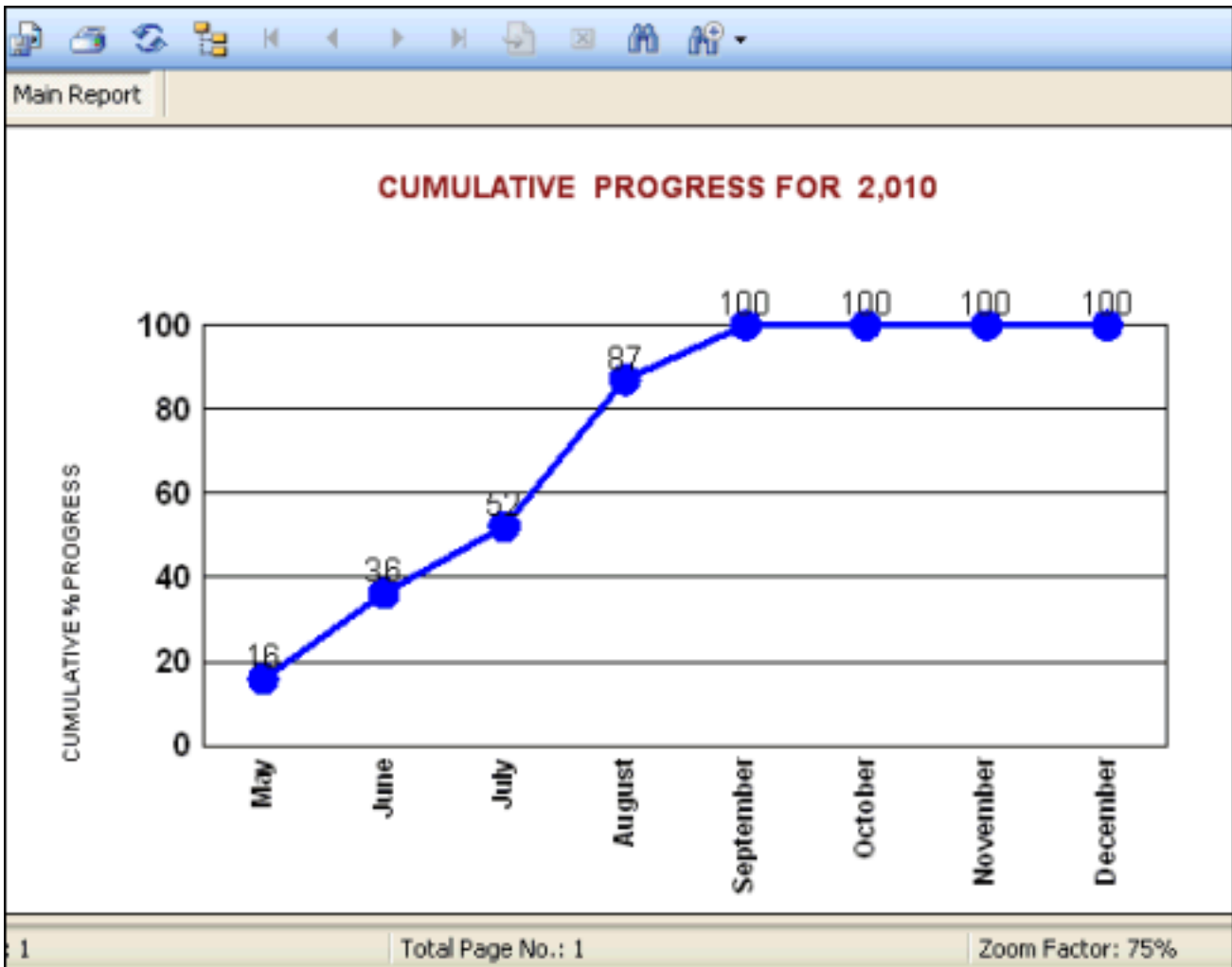
Main Report			
<b>CUMULATIVE PROFIT FOR 2,010</b>			
Month	Amount of Work Done	Profit	Cumulative Profit
May	63,000.00	6,300.00	6,300.00
June	81,000.00	8,100.00	14,400.00
July	63,000.00	6,300.00	20,700.00
August	138,500.00	13,850.00	34,550.00
September	51,500.00	5,150.00	39,700.00
October	0.00	0.00	39,700.00
November	0.00	0.00	39,700.00
December	0.00	0.00	39,700.00

1

No.: 1      Total Page No.: 1      Zoom Factor: 100%

### 3. **Project Progress (Graphical)**

**Displays Monthwise Progress of Project (in Graphical Format) considering Progress from all Departments.**



#### 4. **Project Progress**

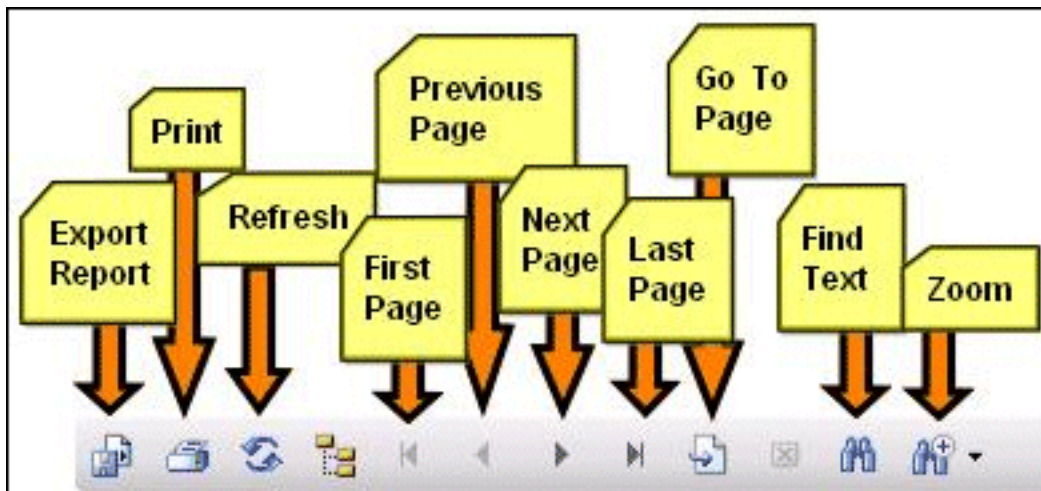
Displays Monthwise Progress of Project (in Tabular Format) considering Progress from all Departments.



Main Report			
<b>CUMULATIVE PROGRESS FOR 2,010</b>			
Month	Amount of Work Done	% Progress	Cumulative % Progress
May	63,000.00	15.87	15.87
June	81,000.00	20.40	36.27
July	63,000.00	15.87	52.14
August	138,500.00	34.89	87.03
September	51,500.00	12.97	100.00
October	0.00	0.00	100.00
November	0.00	0.00	100.00
December	0.00	0.00	100.00

No.: 1      Total Page No.: 1      Zoom Factor: 100%

### *The Print Preview Toolbar*



In order to [Export](#) Reports , click the Export Report button on the Print Preview toolbar.

In order to [Email](#) the Reports , click the Email button.

Click Read Me button to understand salient features of this Option

# Design & Drawing Control

## Email Settings

Design & Drawing Control needs the same settings for sending mail as Outlook or Outlook Express.

The information Design and Drawing Control needs is your ISP's SMTP server. An ISP is an Internet Service Provider, and an SMTP server is your outgoing mail server. GMail's, for example, is smtp.gmail.com but yours could be anything. Please consult your ISP for this information

Gmail is currently the only service that allows "free" users to send and receive email outside of the browser. Any server that requires you to send and receive mail through a web browser won't work with Design and Drawing Control.

The Email Details tab holds all the settings required to send out emails. If Design and Drawing Control is installed on a Computer that isn't connected to the Internet or the email features won't be used, skip this section.

Email Account :	Gmail
Senders Email Address :	abc@gmail.com
Password :	••••••••••
Outgoing Mail (SMTP) Server :	smtp.gmail.com
Outgoing Mail Server Port No :	587
<input checked="" type="checkbox"/> Use SSL/TLS	

**Email Account** - A list of email providers are included along with their server settings. These are correct to the best of our knowledge.

You may enter your own values if needed by selecting 'Other' as Email Account.

**Senders Email Address /Password** - Outgoing Email Address and password.

In the Senders Email Address & Password Fields enter your Email Address & the corresponding Password.

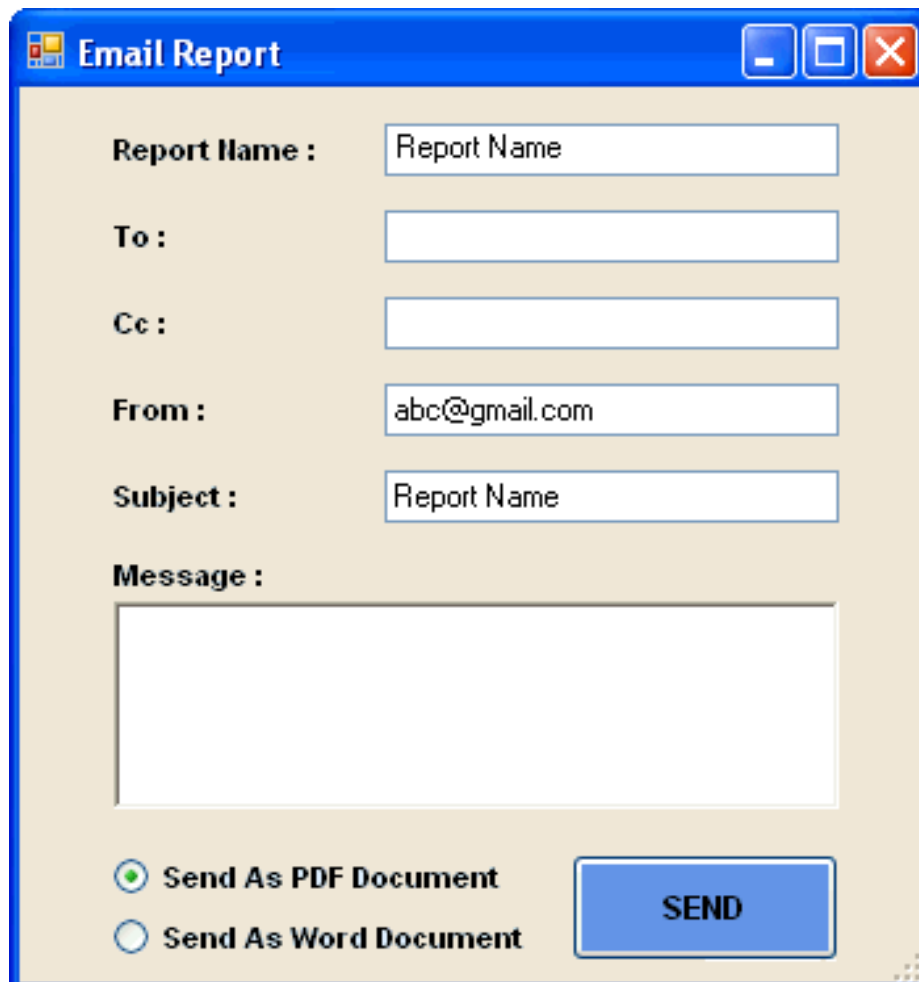
**Outgoing SMTP Server** - This setting is the same used by any email client (Outlook, Outlook Express, etc). If this value is unknown please consult your ISP (Internet Service Provider).

**Outgoing Mail Server Port No**- This value is almost always 25. Only modify this value if instructed to do so by your ISP.

**Use SSL/TLS** - Encryption support for sending email - only use this if your server supports it. Gmail requires SSL, your ISP may as well.

## Sending Email

When Email button is clicked on any page, The Email Report page opens up. 'Report Name' & 'From' fields are non editable.



**Report Name :** Report Name

**To :**

**Cc :**

**From :** abc@gmail.com

**Subject :** Report Name

**Message :**

Send As PDF Document

Send As Word Document

**SEND**

Enter the Receivers Email Address ( To, Cc ).

A user may the Subject, if required.

Enter the Message, if any

Select the attachment format (pdf / Word) .

Click the Send Button.

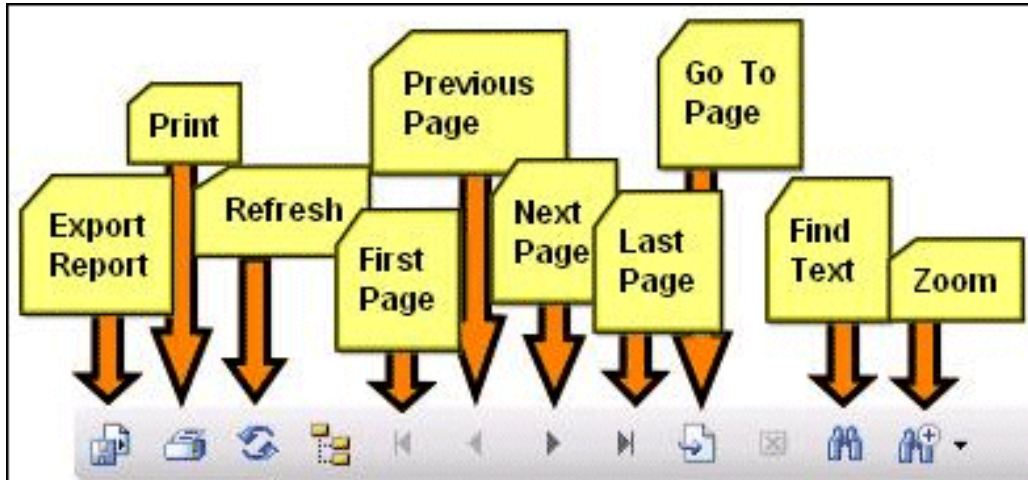
The image shows a software dialog box titled "Email Report". It has a blue title bar with standard window controls (minimize, maximize, close). The main area is light beige and contains several input fields and controls:

- Report Name :** A text box containing "Report Name".
- To :** A text box containing "xyz@yahoo.com".
- Cc :** A text box containing "xyz@hotmail.com".
- From :** A text box containing "abc@gmail.com".
- Subject :** A text box containing "Report Name".
- Message :** A large text area with the placeholder text "Enter Message Here." and a cursor.
- At the bottom left, there are two radio buttons:
  - The first is selected (indicated by a green dot) and is labeled "Send As PDF Document".
  - The second is unselected and is labeled "Send As Word Document".
- At the bottom right, there is a blue button with the text "SEND" in white capital letters.

# Design & Drawing Control

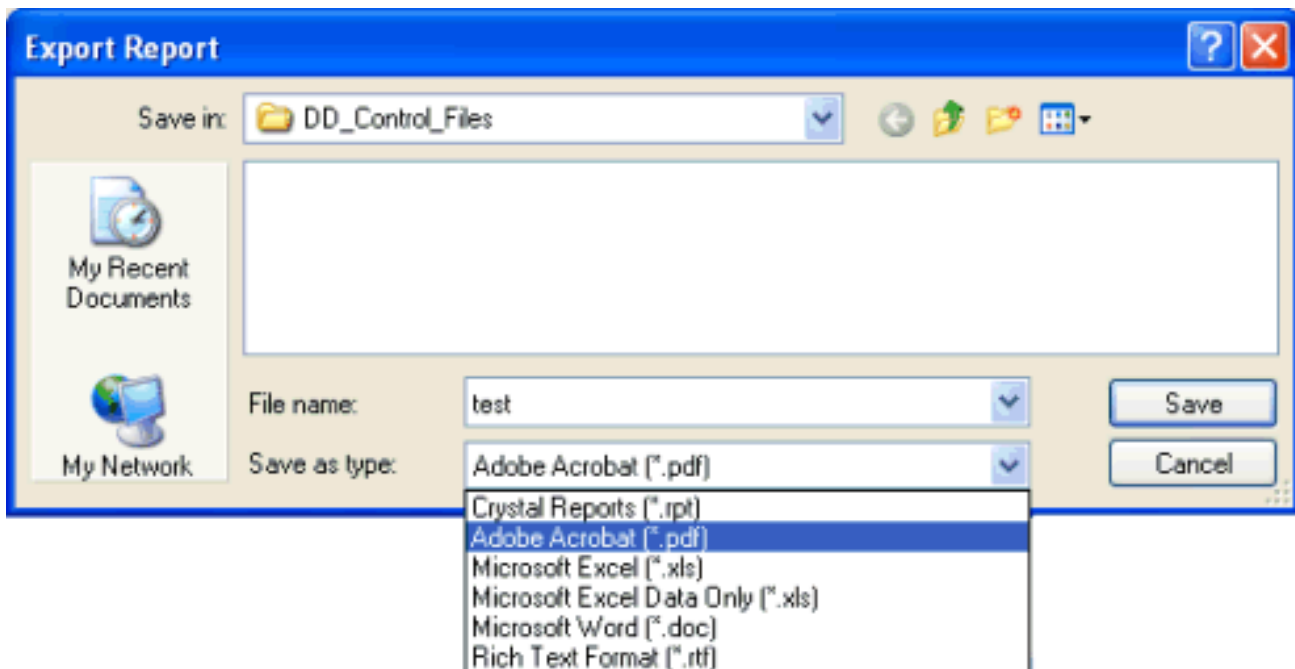
## Export Report

To export a report click on the Export Report button on the Print Preview toolbar shown below.



The Export Report Window as seen below is displayed.

Select the folder to save the file, Enter the file name and select the Export Option (rpt / pdf / xls / doc / rtf ) and click on save.



Once the Report is Exported , Following window is displayed.

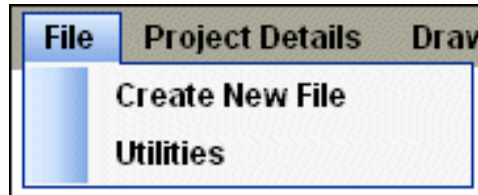


# Design & Drawing Control

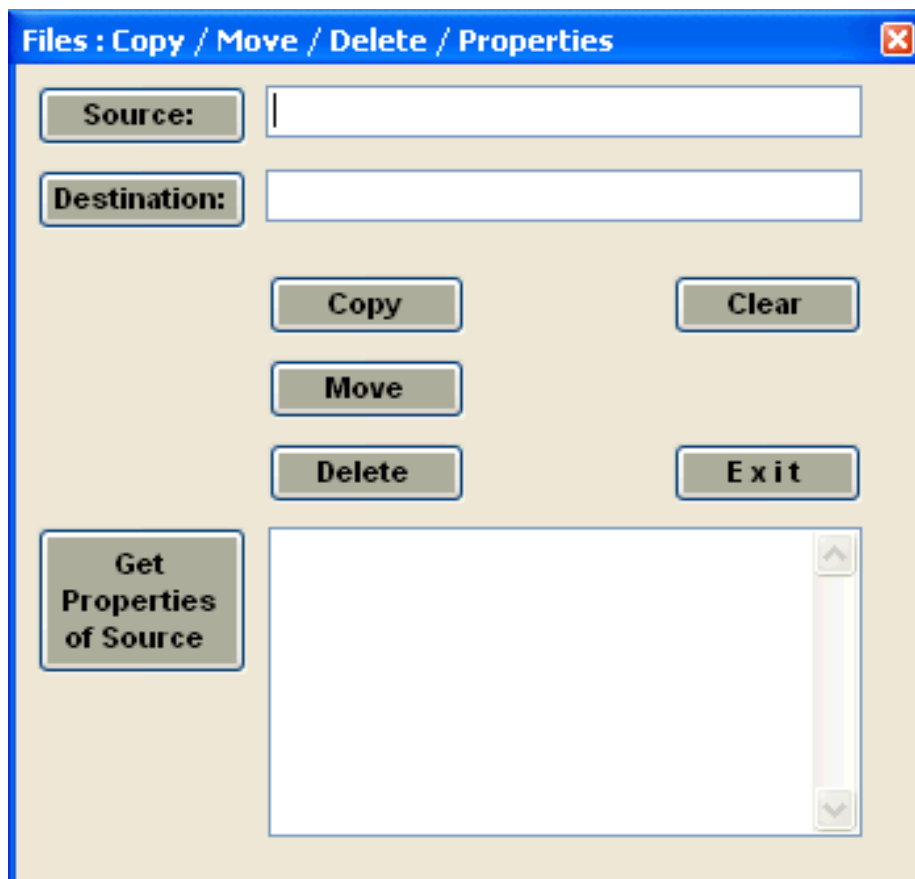
## Utilities

This Option is provided so that a user can Move, Delete, Copy (Backup) files from within the program.

Select "FILE" on the Main Menu , from the drop down menu Select "Utilities" as Shown below.



The Utilities Option Opens up



### Copy

In Order to Copy a file, browse for the source file by clicking on Source.

Next browse for the destination file.

Click on "Copy " button.

Following Window is displayed.

## **Delete**

Browse for the source file and click on "Delete" button.

Note that there will be no " Destination " file & destination text box shall be empty

## **Move**

In Order to Move a file , browse for the source file by clicking on Source.

Next browse for the destination files location and mention the destination file name in the textfield.

Click on "Move " button.

## **Properties**

In Order to view properties of a File , Browse for the file name by clicking on "Source" button.

Click on "Get Properties of Source" button.



**OTHER SOFTWARES:**

**SUPER CIVIL CD** - Single Point Solution To Your Civil Engineering Needs

**SUPER RATE ANALYSIS** - Rate Analysis Of 1299 Nos. Of Civil Engineering Items

**2D FRAME ANALYSIS** - Discover The Beauty Of Structural Analysis

**R C F** - A Software for Analysis, Design, Estimation & Costing of RCC Floors

**S S F** - Analysis, Design, Estimation & Costing of Steel Buildings, revised as per IS 800 : 2007

**Q T Y** - Quantity Estimation & Cost, Project Control

**SUPER REAL VALUATION** - A Software For Immovable Properties

**ROADS** - Pavement Design & Rate Analysis Of Road Items

**ROAD ESTIMATE** - Quantity Estimation & Cost, Project Control For Road

**ELECTRIC COST** - Costing, Project Control & MDS For Electrical Projects

**HVAC COST** - Costing, Project Control & Design For HVAC Engineers

**BILLING JI** - A Database Management Software For General Billing

**RA BILL** - A Database Management Software For Item Rate Contract Billing

**BUILDERS BILL** - A Database Management Software for Billing of Lump sum Contracts

**BID ANALYSIS** - A Software For Technical & Commercial Tender Analysis

**RAFT FOUNDATION** - Analysis, Design, Estimation, Costing & Drawing of RCC Raft Foundation

**STEEL 2007** - Limit State design of Steel as per IS 800 : 2007

**SITE CONTROL** - A Management Software for Resource Control At Site.

**COMPOSITE** - A Software for Analysis, Design, Costing & Drawing of Composite Floor Buildings

**INSTA COST** - A Software for Estimating Project Cost & Tender SOQ Instantly

**FLAT SLAB** - A Software for Analysis, Design, Estimation, Costing & Drawings of Flat Slabs

**FLAT RAFT** - A Software for Analysis, Design, Estimation, Costing & Drawings of Rigid RCC Flat Rafts

**OPTIMIZE BAR** - A Software for Optimization of Reinforcements from Existing Bar Bending Schedule

**OPTIMIZE STEEL** - A Software for Optimization of Steel Sections from Existing Fabrication Drawing

**AutoQty** - A Software for Automatic Quantity & Cost Estimation from AutoCAD Drawings