

Plotting and Printing PDF's

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Section 1 Introduction

The purpose of this workflow is to provide recommended instructions for publishing and printing selected PDF documents/plans.

Definitions:

Publishing – Producing paper or mylar hard copies from a large plotter


Printing – Producing paper copies from a local printer.

The instructions are intended for publishing full scale single or multiple page sets of project plans in a PDF Package or a Multi-page PDF from the OCE plotters. This workflow can also be used to publish mylar sheets.


A PDF Package consists of numerous PDFs in a single file while a multi-page PDF is a single PDF with multiple pages. Also, a Full-Size PDF may be any size. To determine the size of your PDF document, look in the bottom left hand corner of the PDF as shown.

PILE ORDER LENGTHS

SUBSTRUCTURE UNIT	PILE SIZE	TEST PILES		PRODUCTION PILES		TOTAL NO. OF PILES
		NO.	LENGTH	NO.	LENGTH	
ABUTMENT 1	HP 14X89	1	75 FT	9	75 FT	10
WINGWALL 1A	HP 14X89		75 FT	3	75 FT	3
WINGWALL 1B	HP 14X89		75 FT	7	75 FT	7
ABUTMENT 2	HP 14X89	1	95 FT	9	95 FT	10
WINGWALL 2A	HP 14X89		95 FT	5	95 FT	5
WINGWALL 2B	HP 14X89		95 FT	3	95 FT	3
TOTAL		2		36		38

 - DENOTES TEST PILE IN PLAN

PILE PLAN
 SCALE: 3/16" = 1'-0"

			THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.	DESIGNED/DRAWN BY MC	 DE
				CHECKED BY: BHR	
				SCALE AS NOTED	
REV. DATE	REVISION DESCRIPTION	SHEET NO.	Notes Date: 7/26/2010		


 34.00 x 22.00 in

Figure 1 - PDF Size

In general, all PDF documents can be printed using a Microsoft Windows compatible driver. To plot from one of the Océ plotters you must have it as a mapped selection from OIS as shown in figure 2 below. If it is not listed, contact the Information Systems PC Support help desk at ext. 3500. Issues with Adobe Software, please contact Engineering Applications at ext. 3478, 3152 or 3320.

Follow steps as illustrated below to print a PDF from Adobe Reader or Acrobat.

From your PDF document - select file>print or hit the print icon.

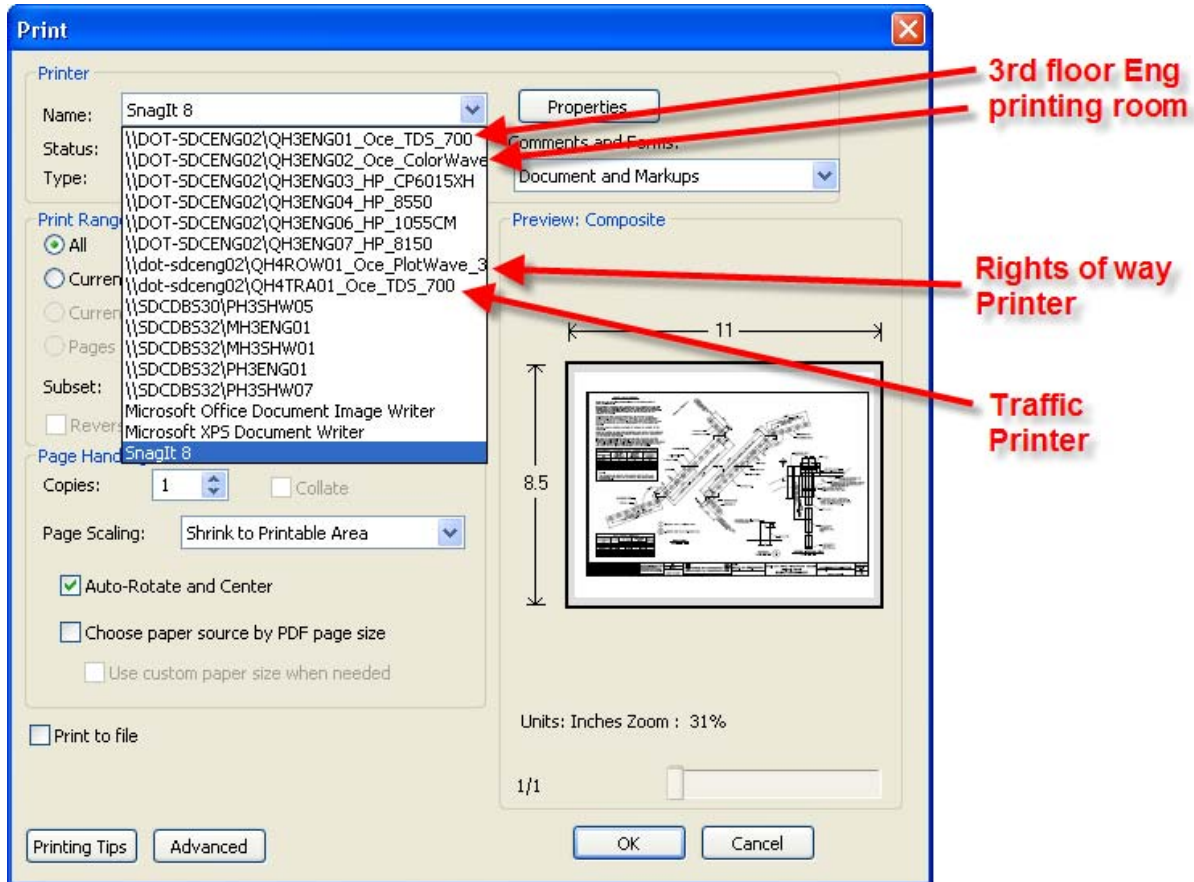


Figure 2 - OCE Plotters

Section 2 Plotting Single Contract Sheet (Paper and Mylar)

2.1 Single Paper Contract Sheet

Open a PDF document and select File>Print or click on the print icon. Follow the figure below to publish a single paper contract sheet.

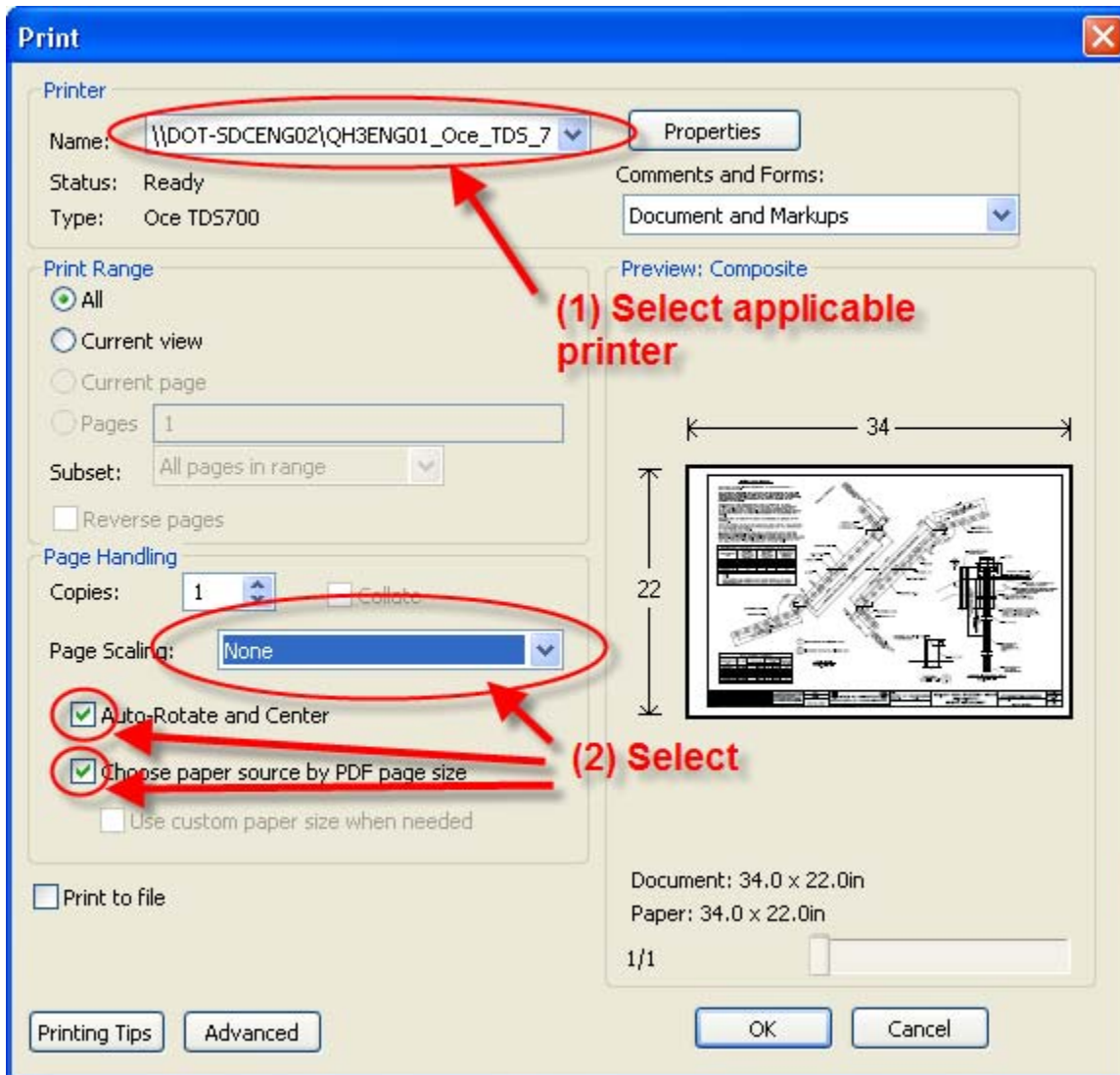


Figure 3 – Print Dialog (Paper)

By select the “None” and checking the “Auto-Rotate and Center” and “Choose paper source by PDF page size” will select the correct paper size. For a 2007 project the page will print on a 34” x 22” roll and for a 2006 project the page will print on a 36” x 24” roll.

2.2 Single Mylar Contract Sheet

Open a PDF document and select File>Print or click on the print icon. Follow the figures below to publish a single mylar contract sheet.

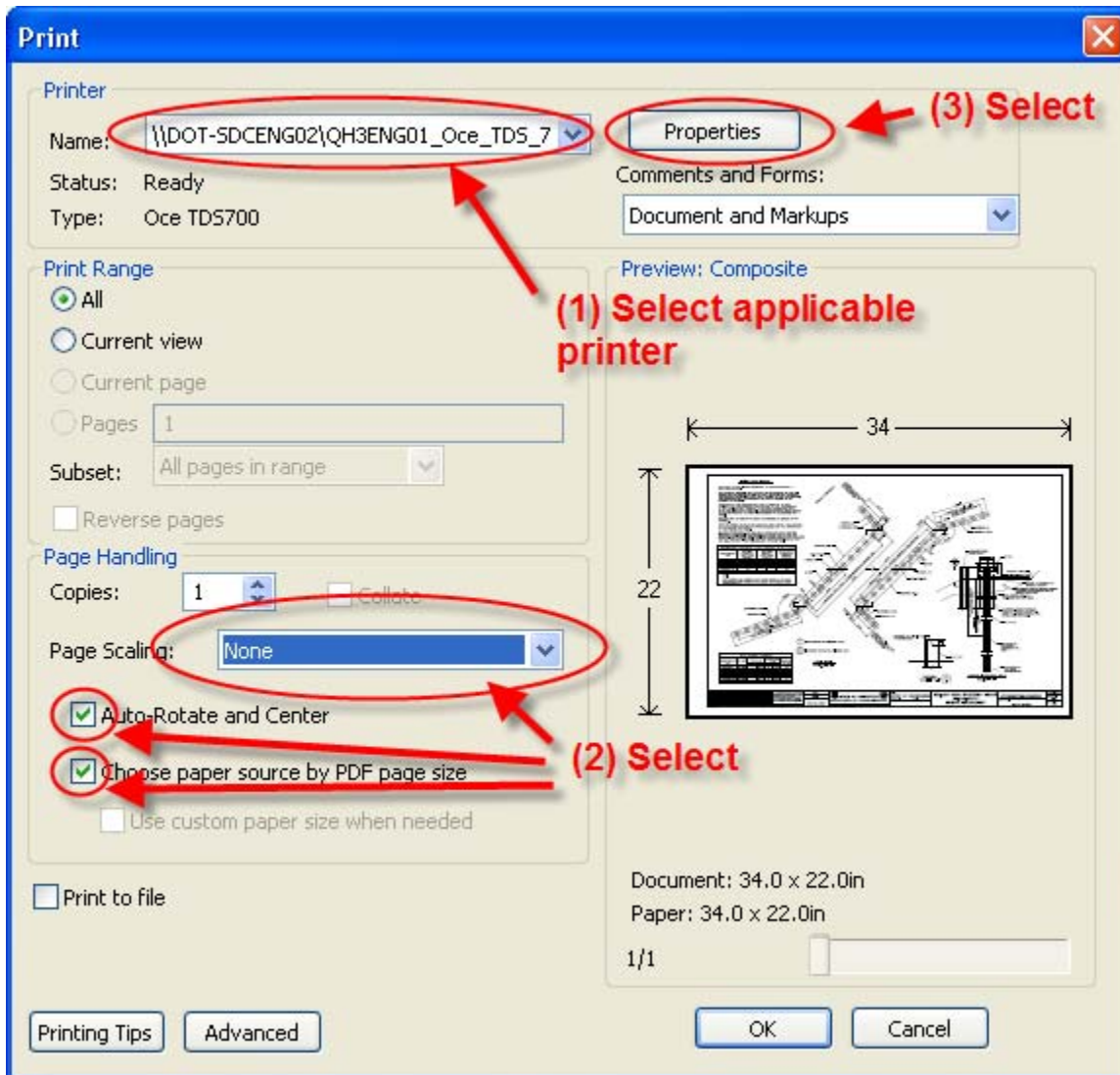
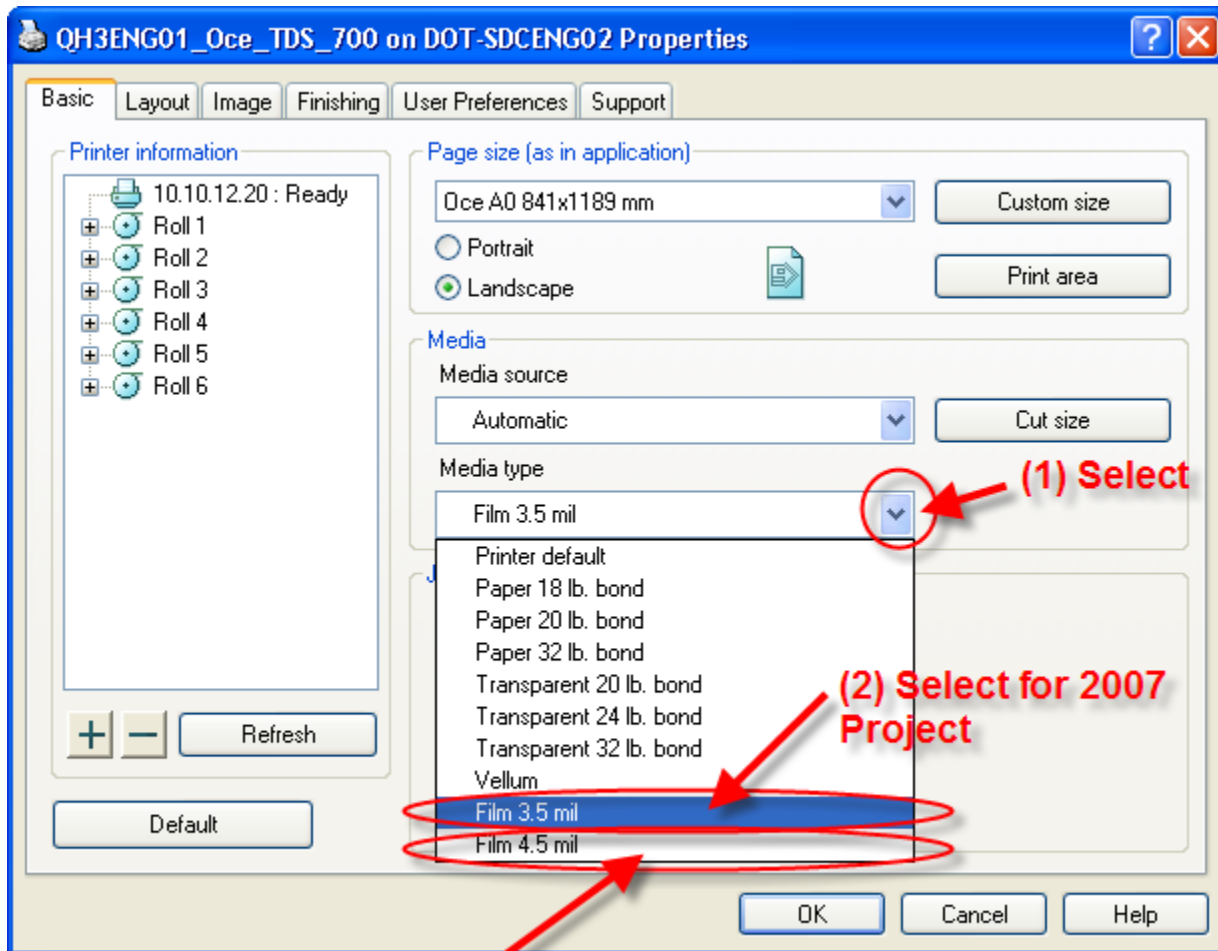


Figure 4 - Print Dialog (Mylar)



(3) Select for 2006 Project

Figure 5 - OCE Dialog Box

For a typical Mylar sheet the image must be mirrored to the back side of the sheet. Follow the figure below:

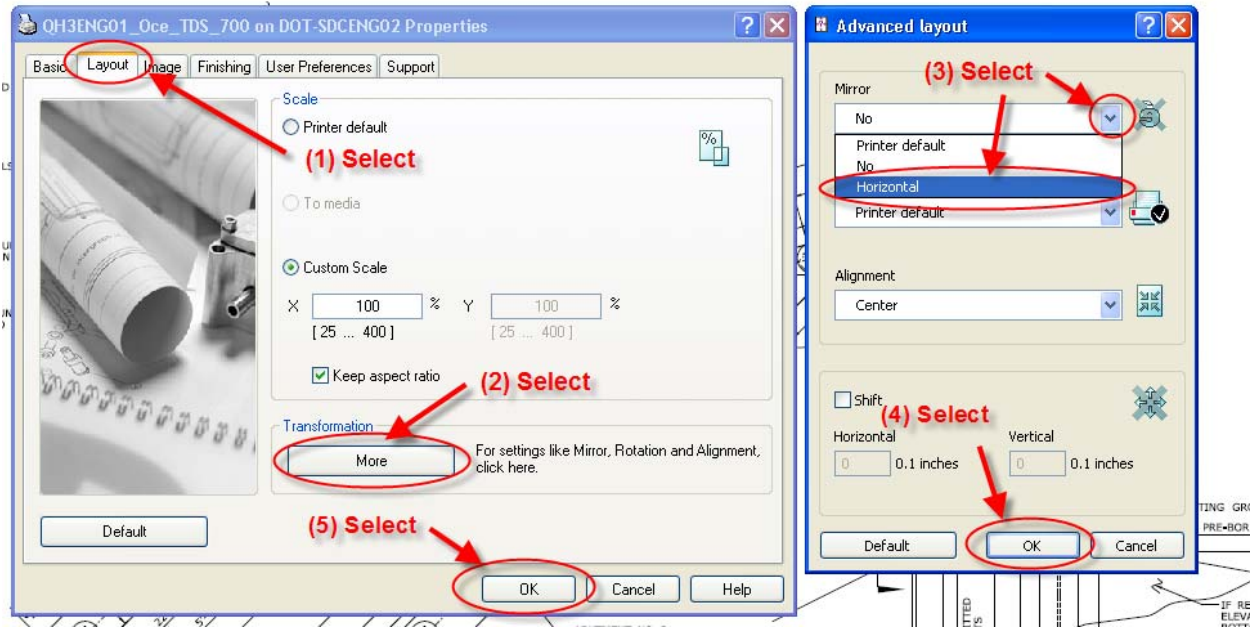


Figure 6 - Mirroring a Mylar

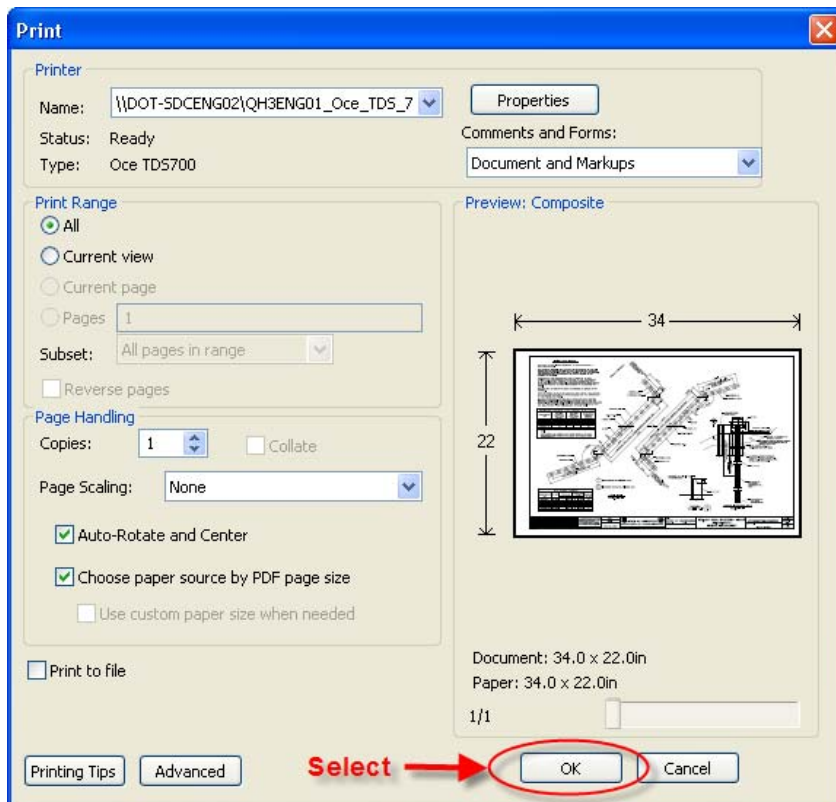


Figure 7 - Publishing Single Mylar

Section 3 Plotting Multiple Contract Sheets (Paper and Mylar)

3.1 Multiple Contract Sheets (Paper)

Open a multiple page PDF document and select File>Print or click on the print icon. Follow the figure below to publish multiple paper contract sheets.

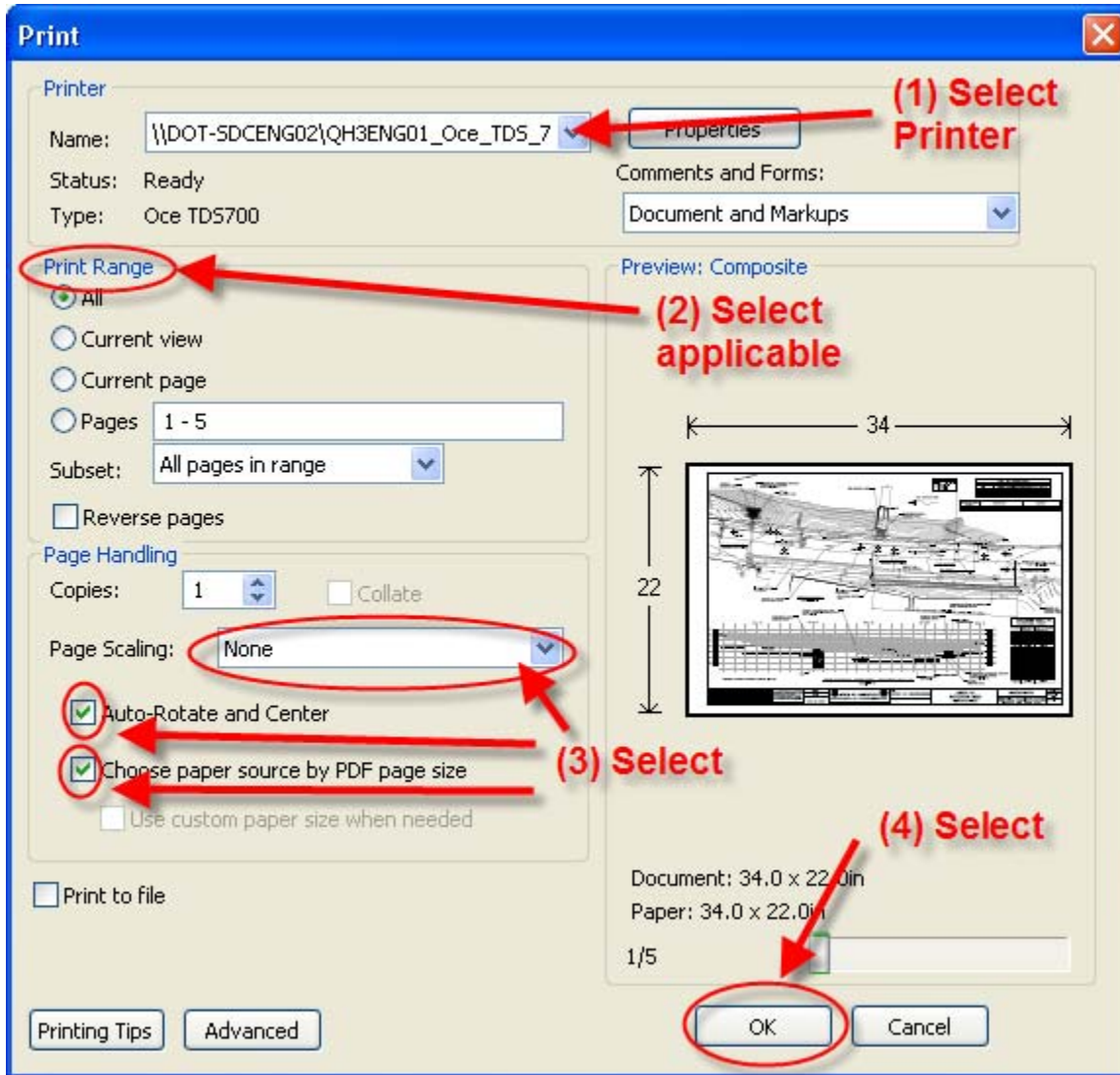


Figure 8 - Publishing Multiple Pages (Paper)

3.2 Multiple Contract Sheets (Mylar)

Open a multiple page PDF document and select File>Print or click on the print icon. Follow the figure below to publish multiple mylar contract sheets.

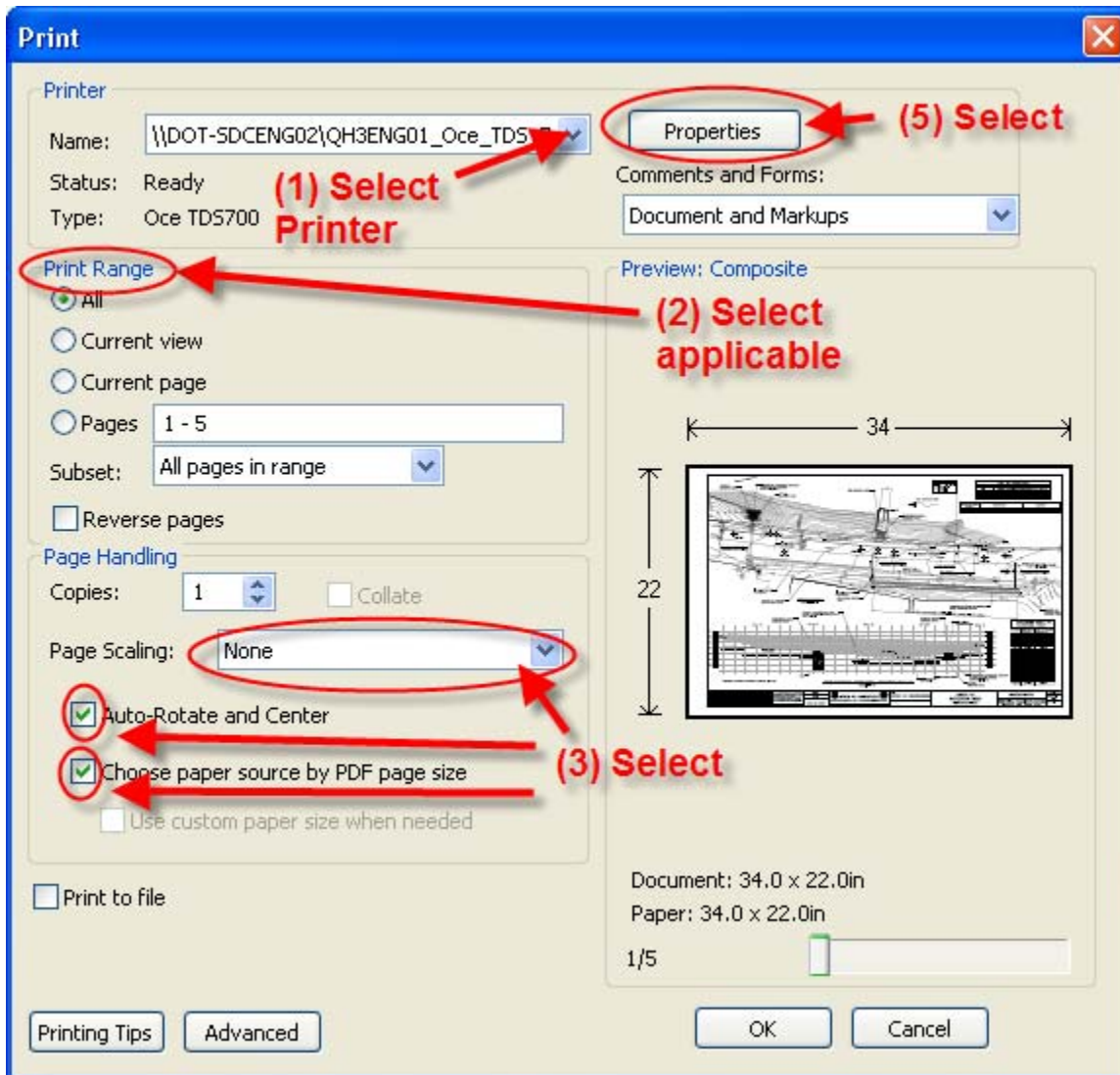
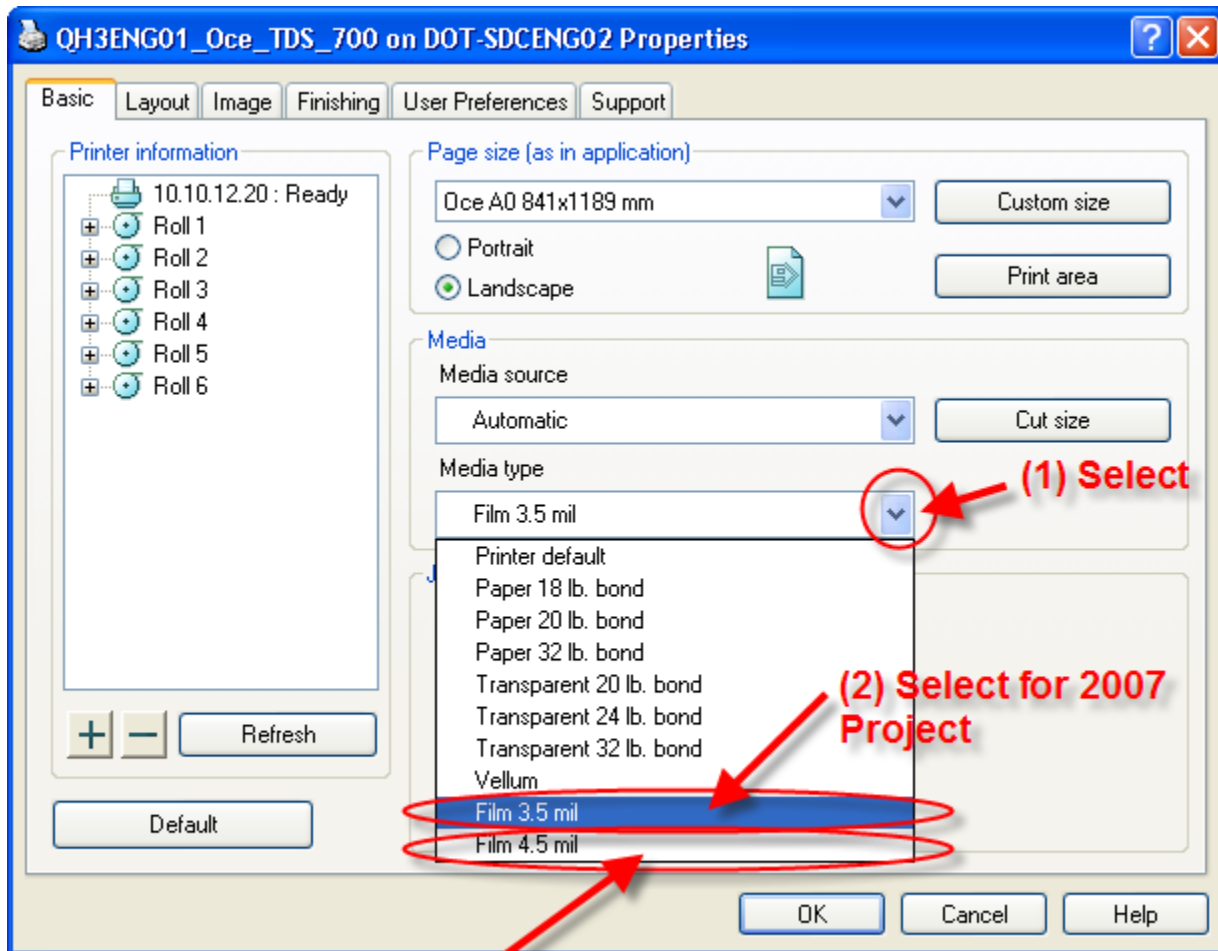


Figure 9 - Publishing Multiple Pages (Mylar)



(3) Select for 2006 Project

Figure 10 - OCE Dialog

For a typical Mylar sheet the image must be mirrored to the back side of the sheet. Follow the figure below:

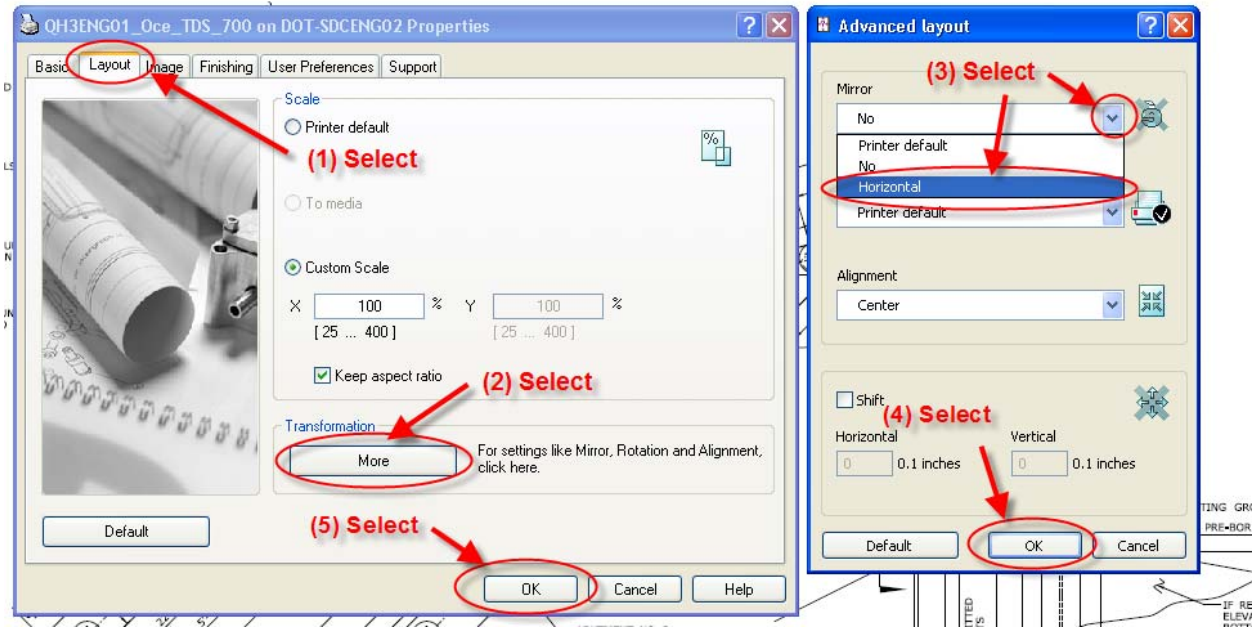


Figure 11 - Mirror a Mylar

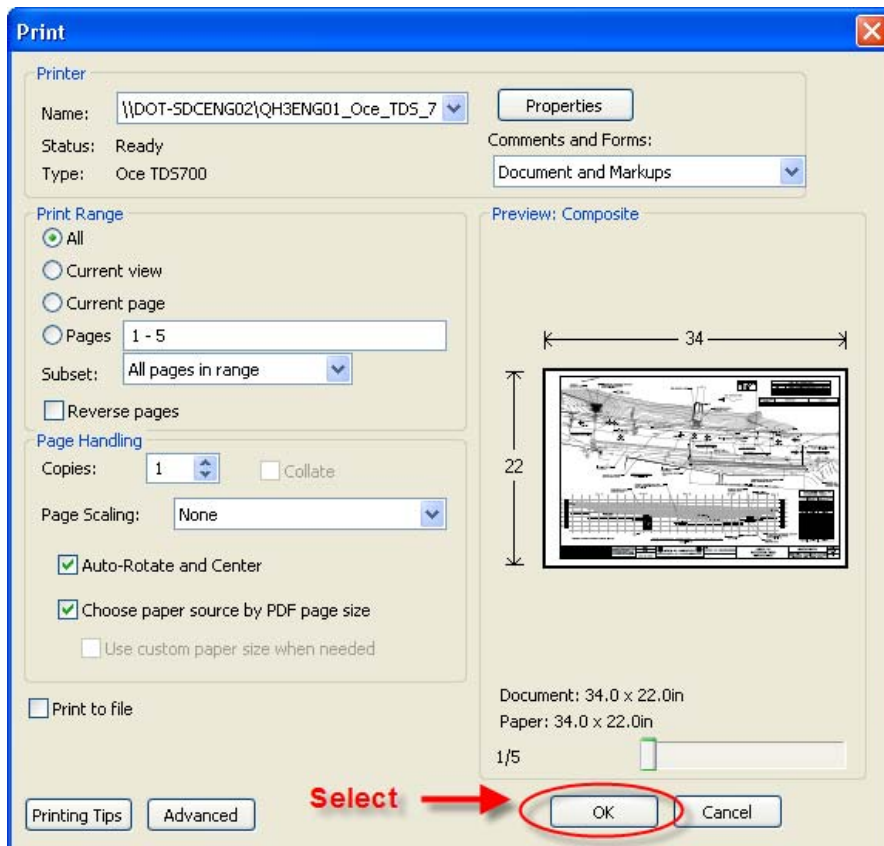


Figure 12 - Print Multiple Mylars

Section 4 Plotting Half-Scale Sheets (Single and Multiple Page PDF's)

4.1 Plotting Half-Scale Sheets

Open the PDF document to be plotted and follow the figures below for printing half-scale sheets:

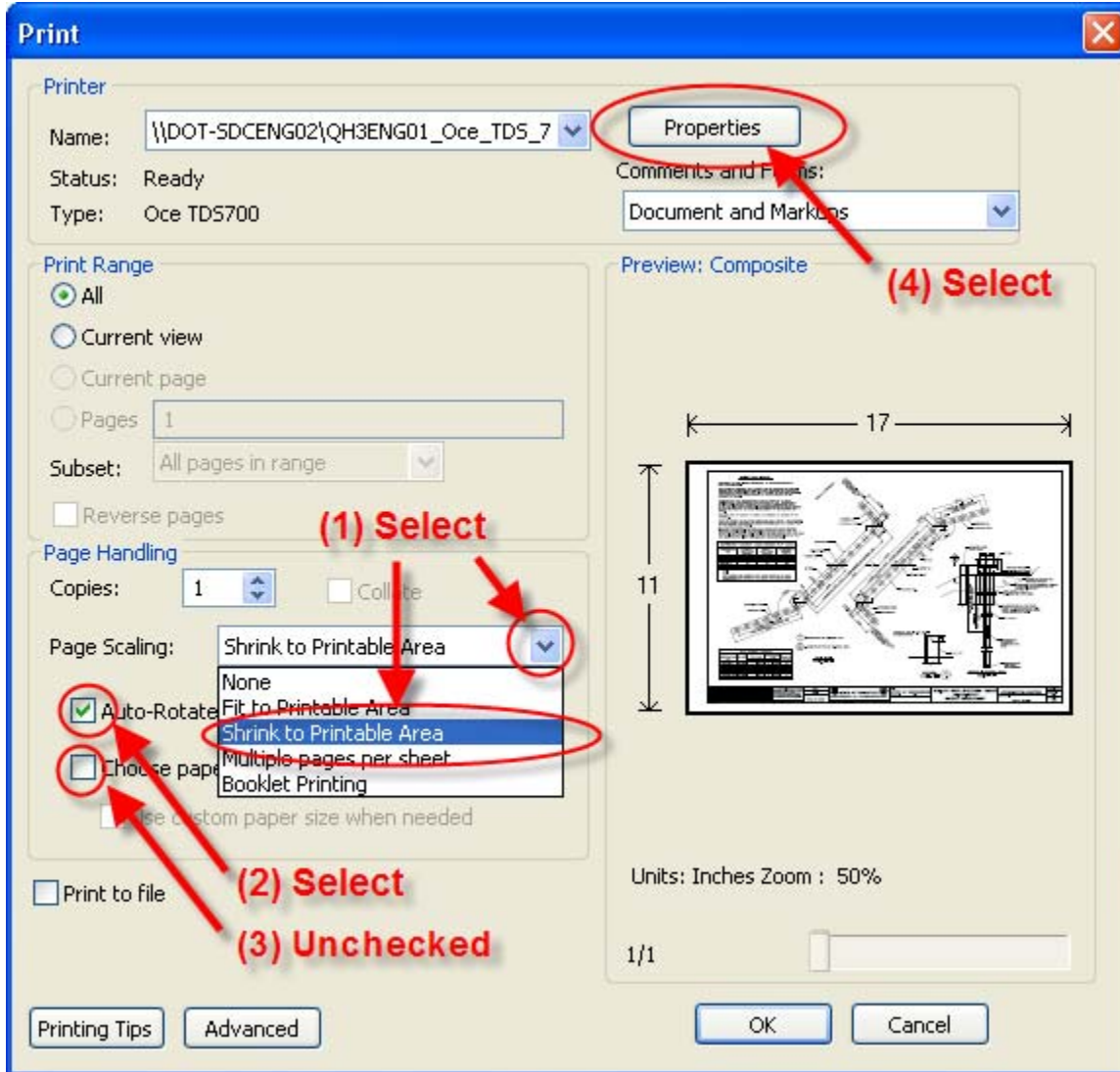


Figure 13 - Plotting Half Scales

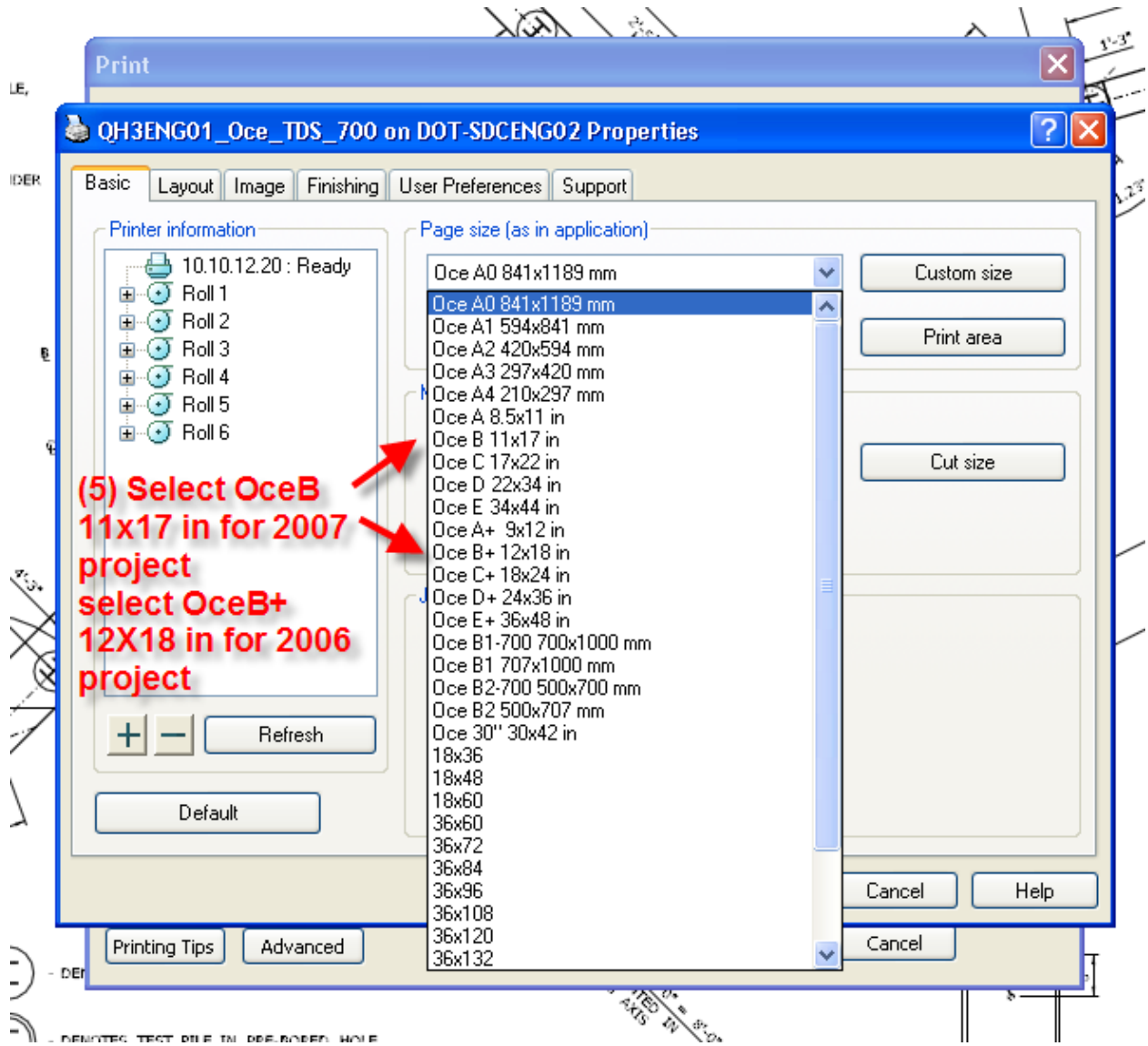


Figure 14 - Selecting Half Scale Paper Sizes

Select "OK" in the above figure and then again in the Print Dialog Box.

Section 5 Plotting USGS and Permit Plates to a Local Printer

5.1 Plotting USGS and Permit Plates

Open the PDF document to be printed and follow the figure below:

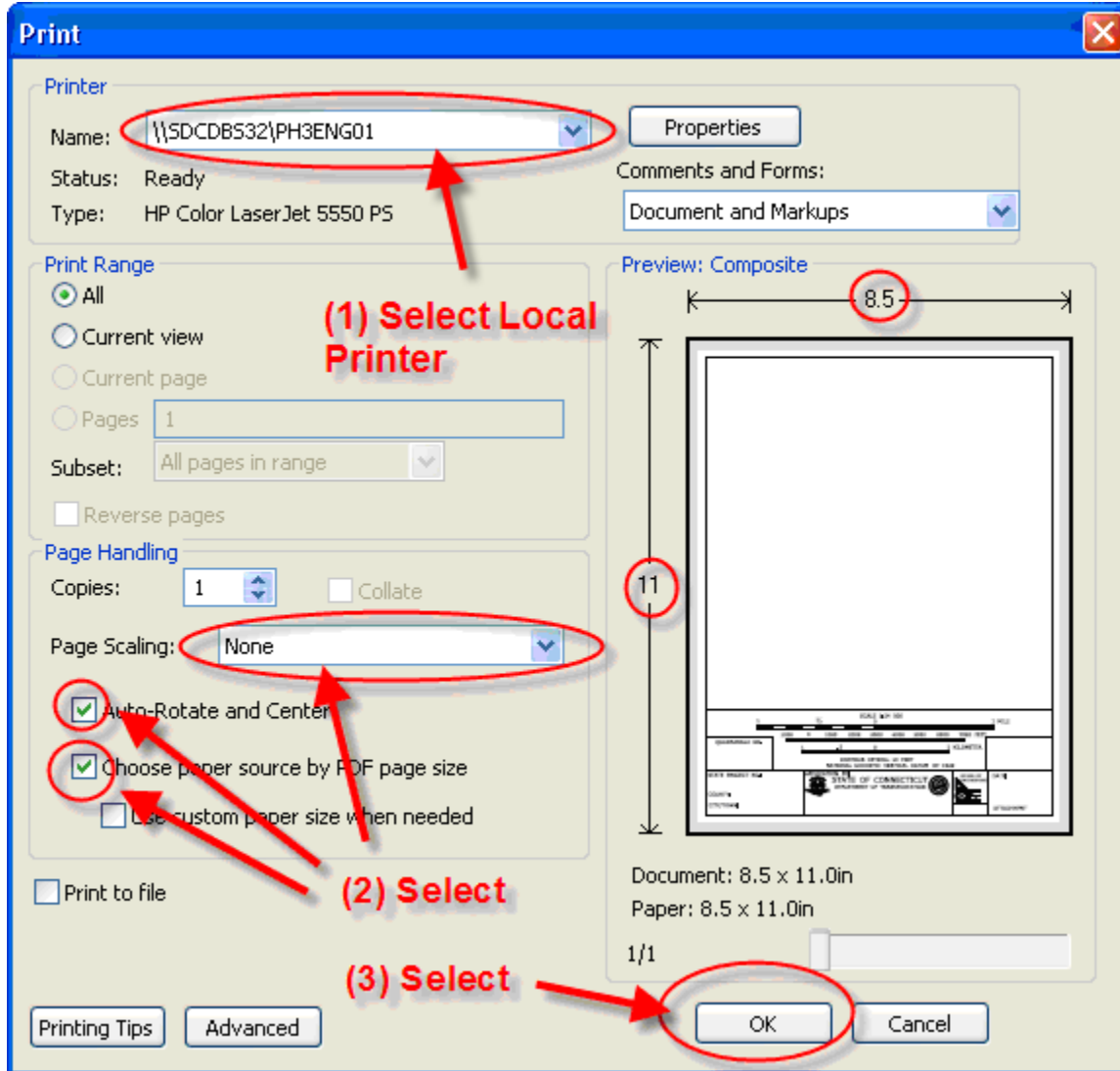


Figure 15 - Printing USGS and Permit Plates

Section 6 Plotting Misc. Large Size Documents

6.1 Plotting Misc. Large Size Documents

Follow the figures below for publishing miscellaneous large size PDF's:

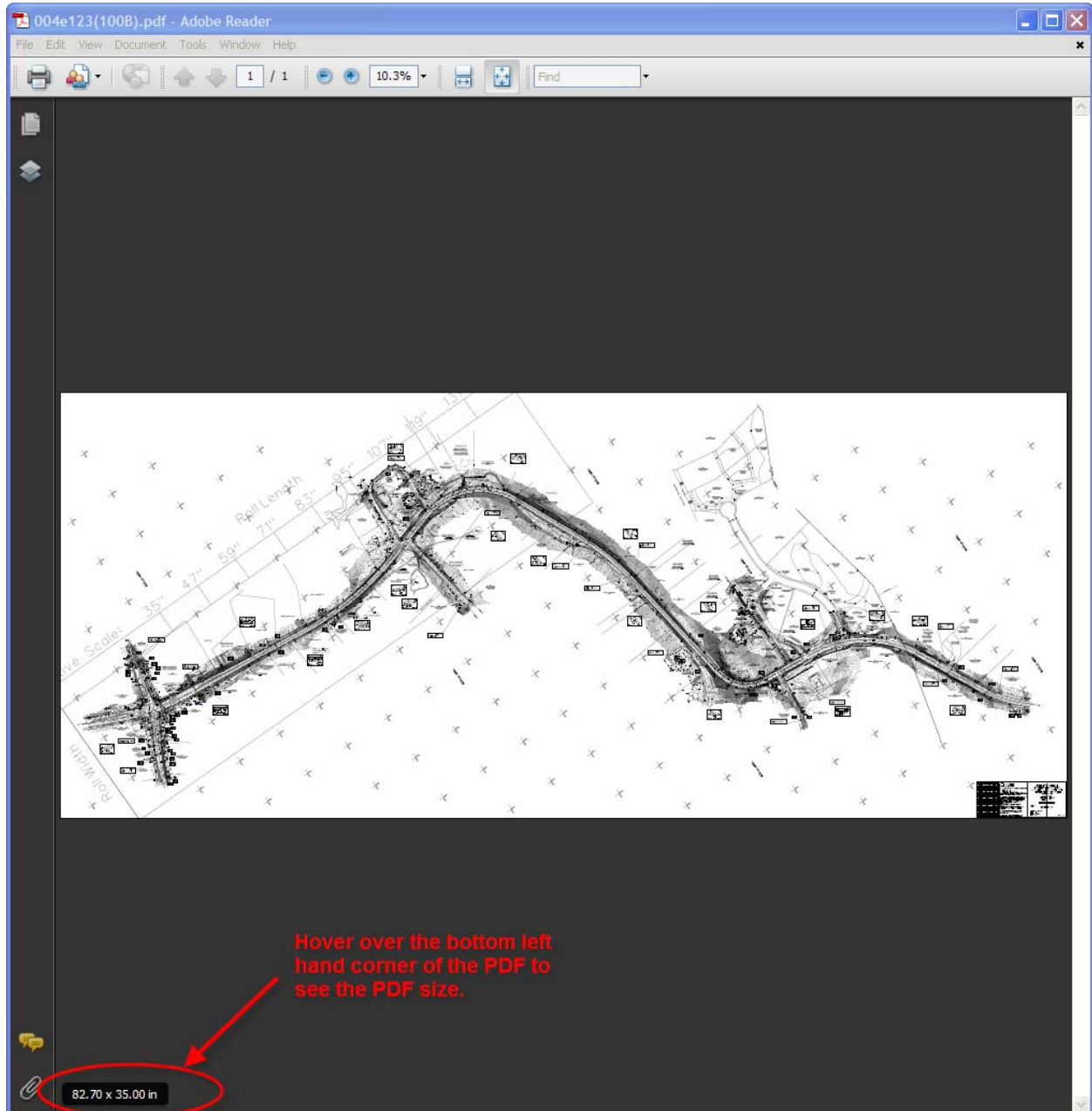


Figure 16 - PDF Size

Click File>Print or click on the Print Icon.

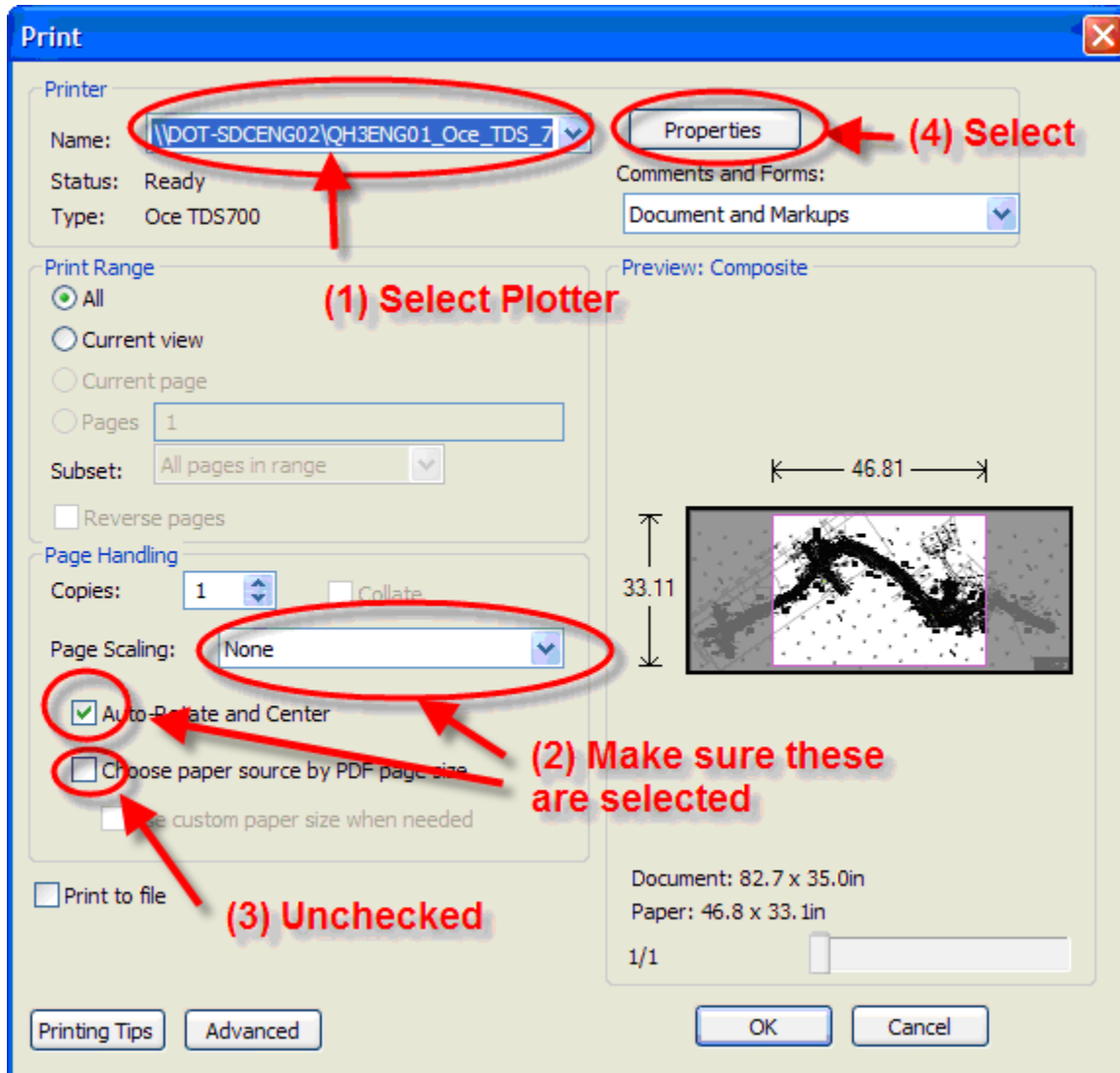


Figure 17 - Plotting Misc. Sizes

Select the paper size that will match the PDF size as shown below:

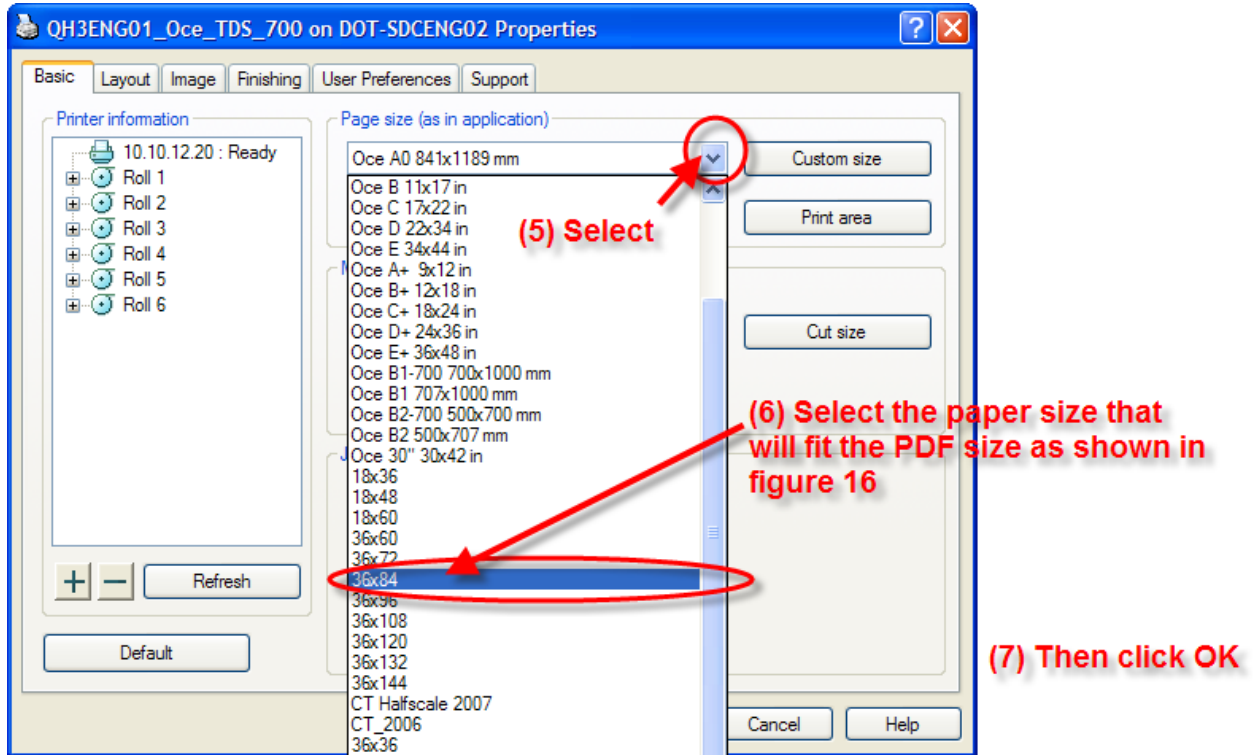


Figure 18 - Plotter Driver

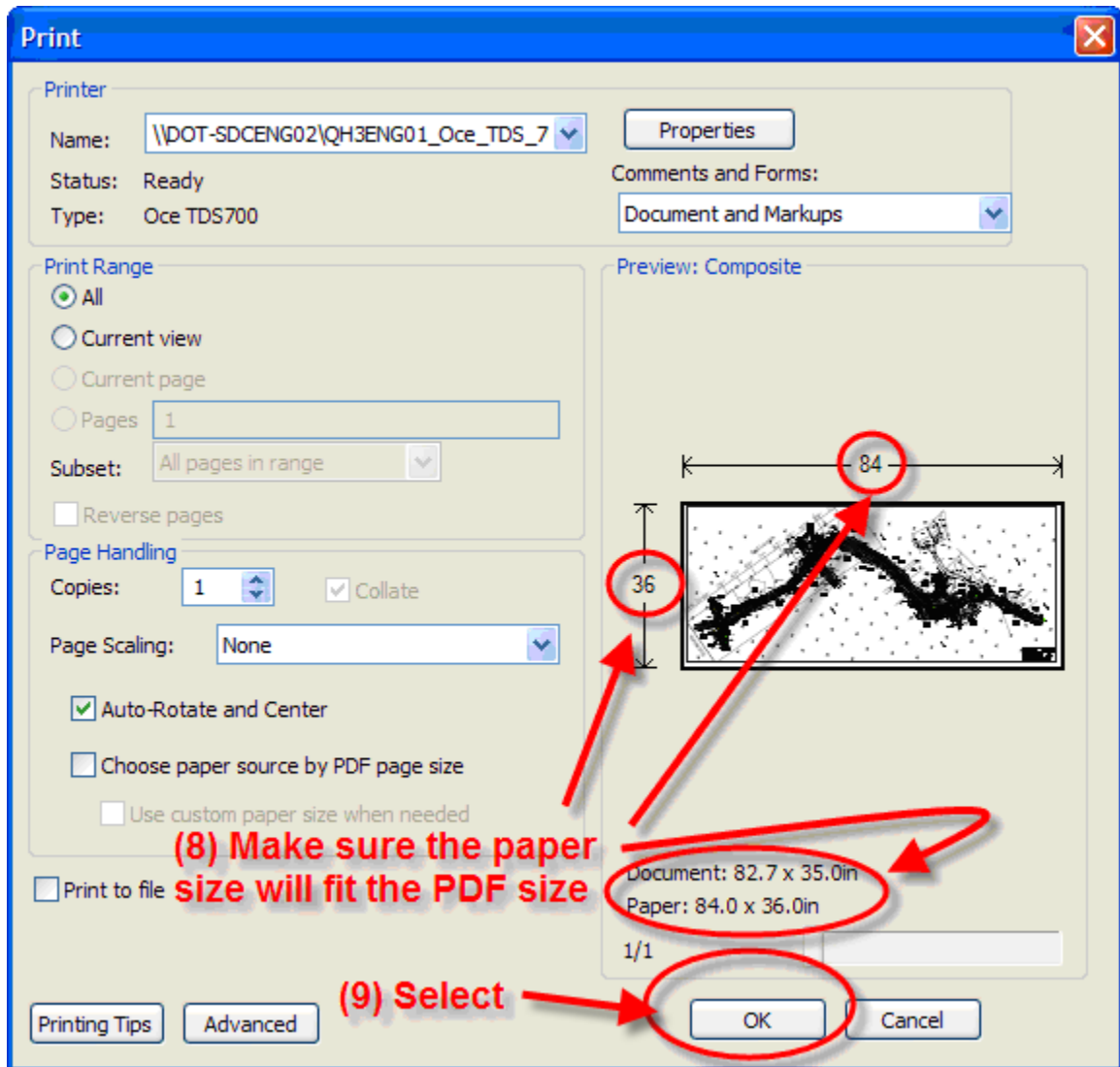


Figure 19 - Plotting Misc. Large Size PDF's

Appropriate

6.2 Plotting Large Misc. Large Scale Documents Longer than 12 Feet

The user will have to create a custom size paper that will fit documents that are longer than 12 feet long. Follow the figures below for direction on how to do this:

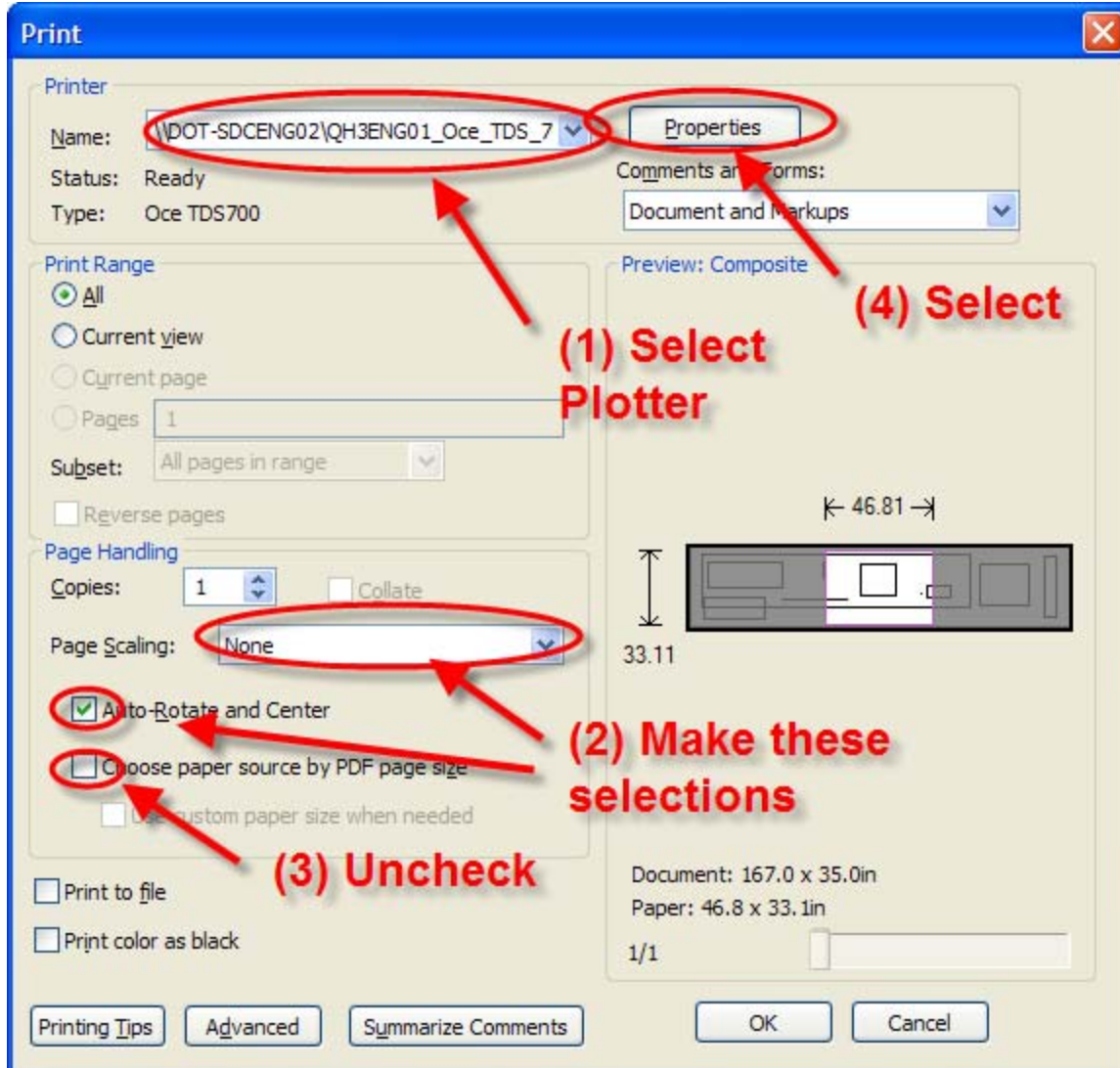


Figure 20 - Large Plans Longer Than 12 Feet

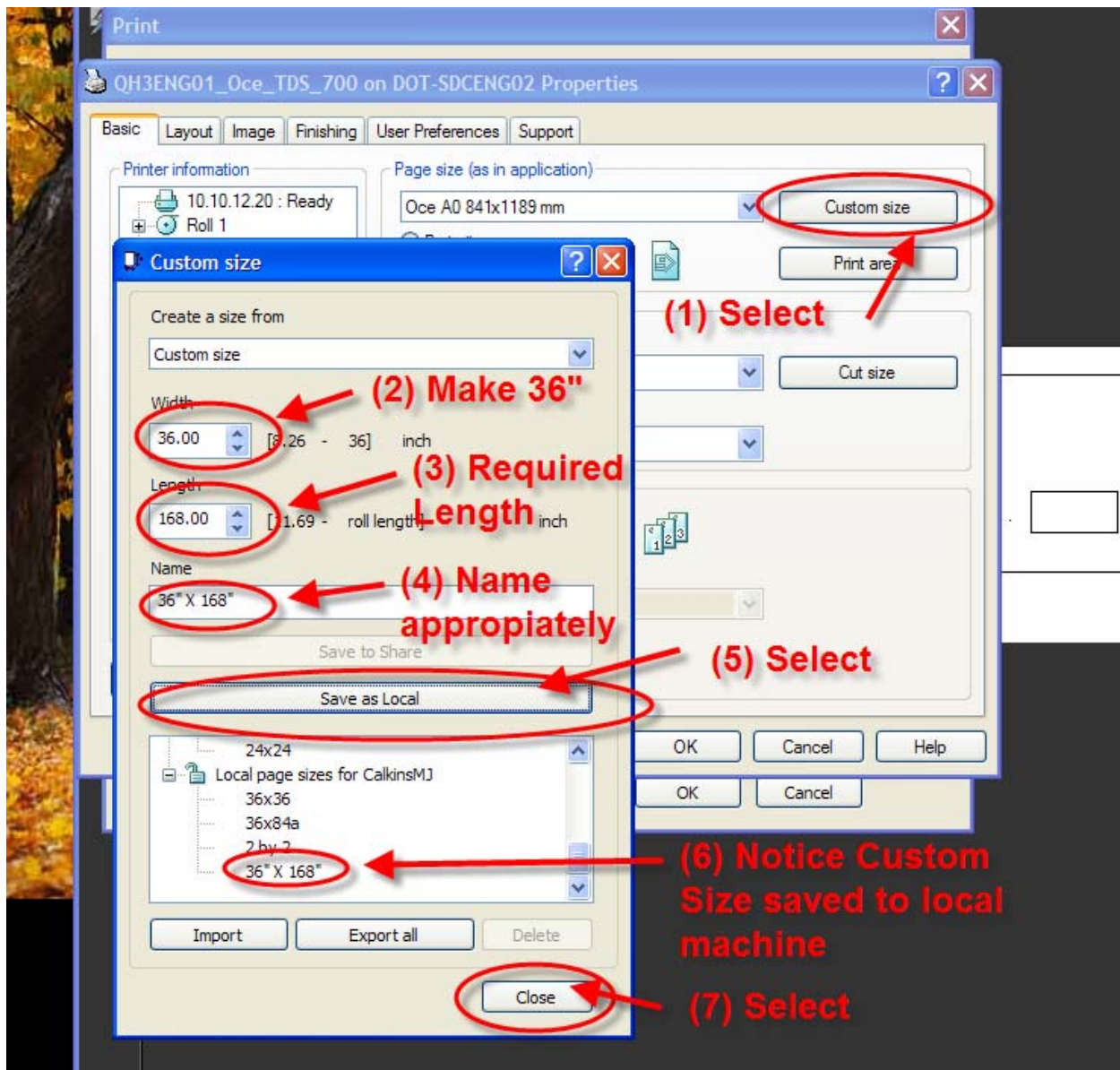


Figure 21 - Making a Custom Size for Longer Plan Sheets

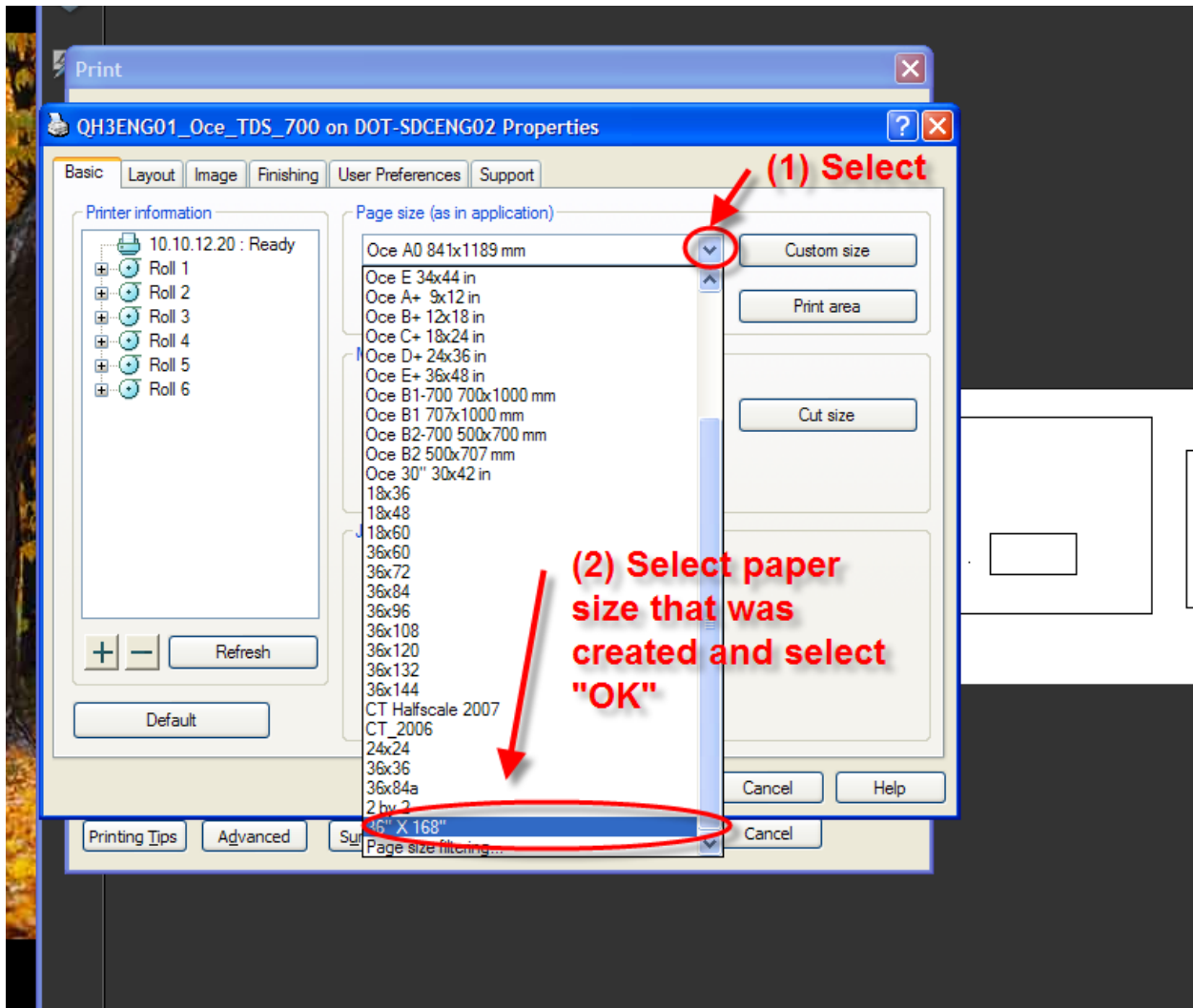


Figure 22 - Selecting Paper Size

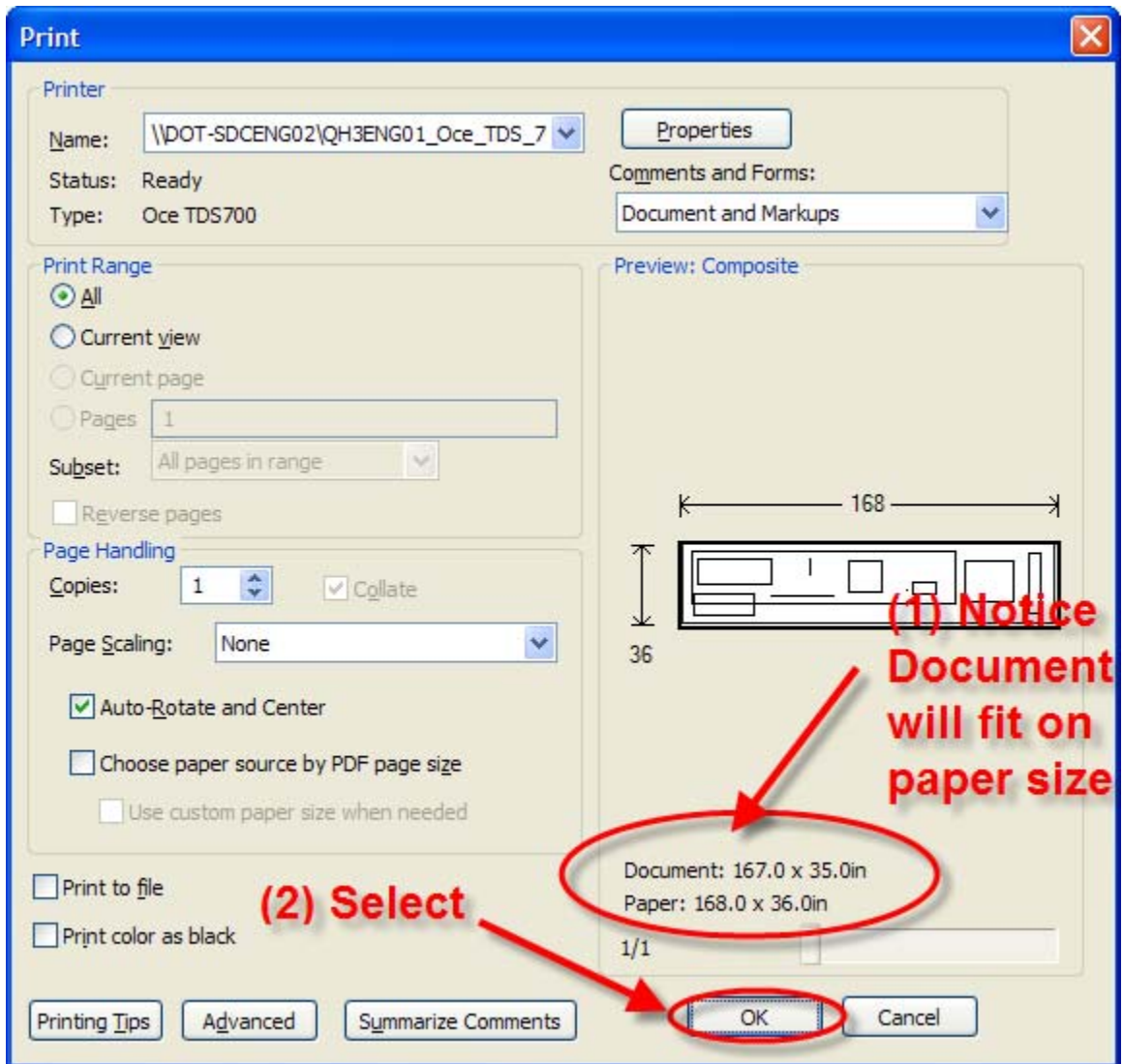


Figure 23 - Plotting Large Sizes Longer then 12 Feet