

Autodesk University 2020

November 17-20

WORK WITH THE AUTOCAD WEB APPLICATION: WORK FROM ANYWHERE AT ANYTIME

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LEARNING OBJECTIVES

- Overview of all the drawing settings
- Overview of View, properties, layer, block, and Xreferences options available with web App of AutoCAD
- Overview of Draw, Annotate and Modify commands available with web App of AutoCAD
- Drafting Engineering drawings (orthographic and isometric projections) using web App of AutoCAD

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ABOUT SPEAKER

Dr. RANBIR SINGH

BML Munjal University, Gurgaon, Haryana (India)

I am working as an Assistant Professor in Mechanical Engineering Department, SoET since June 2016. He has passed his B. Tech. in Mechanical Engineering in 2006, M. Tech. in Manufacturing Technology & Automation in 2010 and PhD in Mechanical Engineering in 2016. Has industrial experience is in design & R&D of transportation technologies i.e. modular trailers, general purpose & special purpose semi- trailers. I am teaching subjects like Automation with PLC, Mechatronics, Industrial Instrumentation, Production Planning & Control & Engineering Graphics with AutoCAD. His research areas include Design, Mechatronics & Automation, Flexible Manufacturing & Industrial Engineering.

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CONTENTS

- Overview & changing drawing settings
- Overview & working with View options available with web App of AutoCAD
- Overview & working with properties options available with web App of AutoCAD
- Overview & working with layer options available with web App of AutoCAD
- Overview & working with block options available with web App of AutoCAD
- Overview & working with Xreferences options available with web App of AutoCAD
- Overview & working with Draw commands available with web App of AutoCAD
- Overview & working with Annotate commands available with web App of AutoCAD
- Overview & working with Modify commands available with web App of AutoCAD

Autodesk Extended Access Program: All commands and tools in the AutoCAD web app are free for everyone until May 31, 2020. [Learn More >](#)

AutoCAD Web & Mobile



Add storage provider

box   

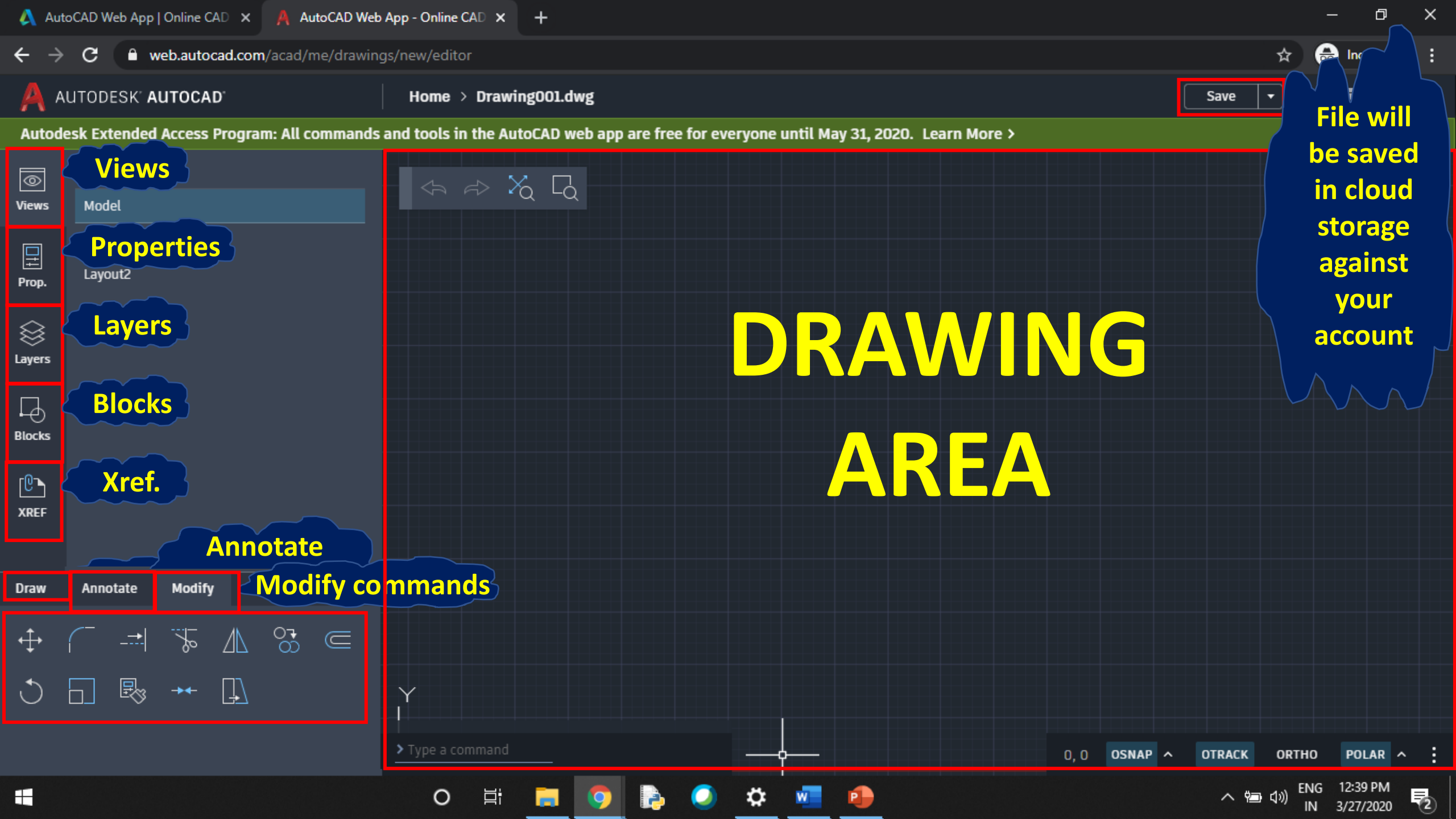
[Provide Feedback](#)

Home

 Upload  New Folder  New Drawing

File Type	Name	Date Modified	Size	Owner	Shared
	Samples	-	-	Dr Ranbir Singh	

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Views

Properties

Layers

Blocks

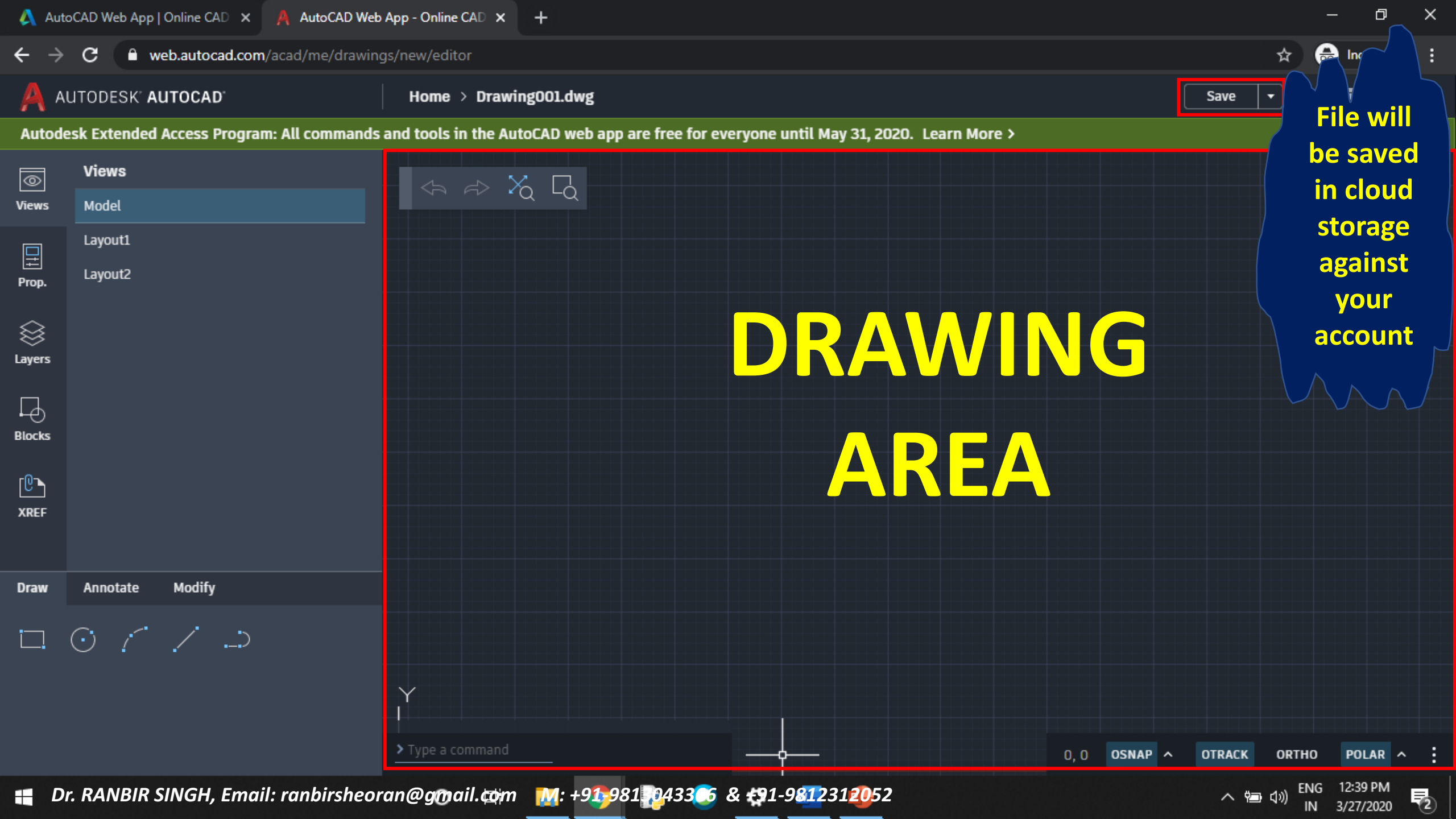
Xref.

Annotate

Modify commands

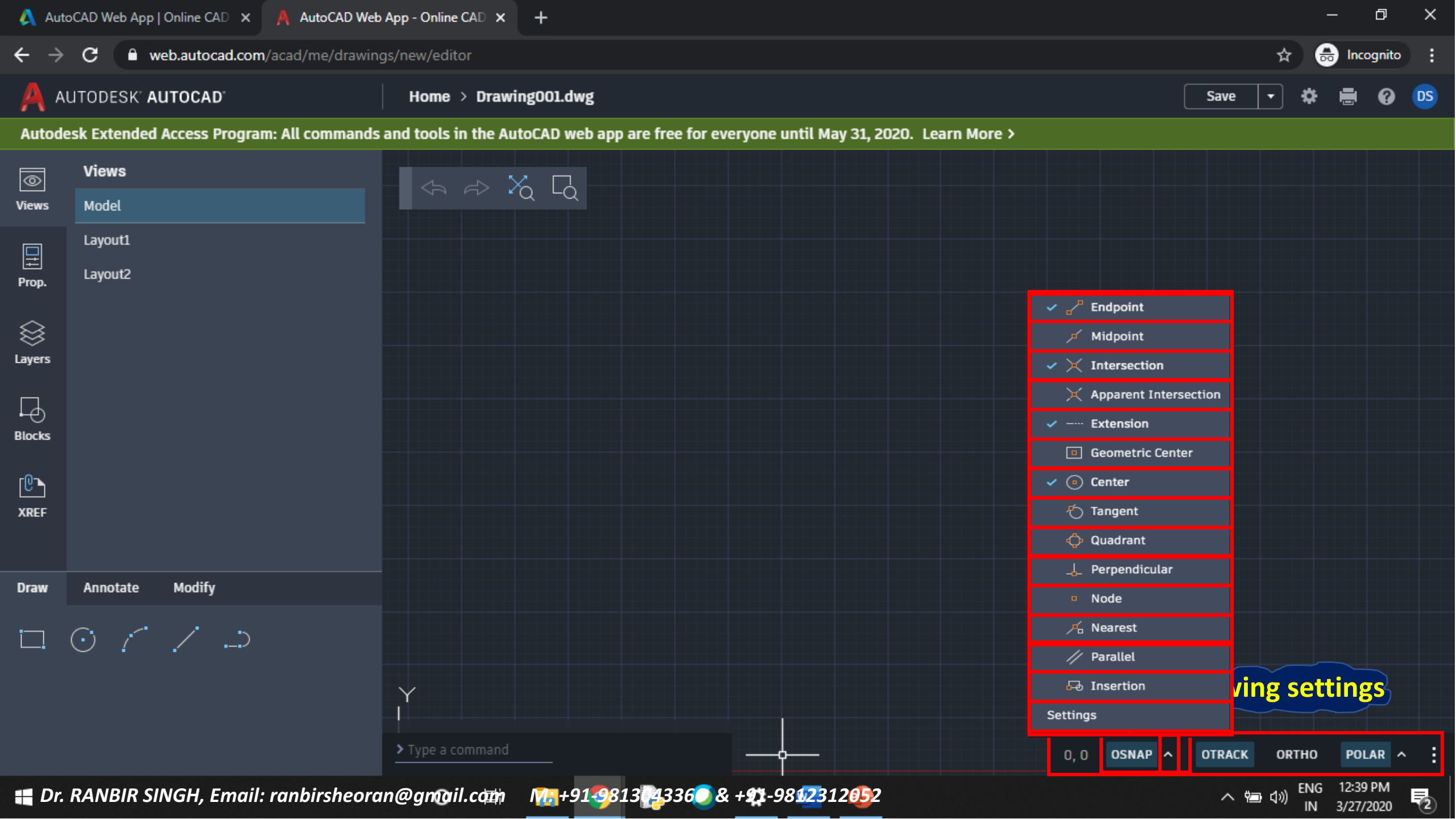
File will be saved in cloud storage against your account

DRAWING AREA



File will be saved in cloud storage against your account

DRAWING AREA



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- Views
 - Model
 - Layout1
 - Layout2
- Prop.
- Layers
- Blocks
- XREF

Draw Annotate Modify

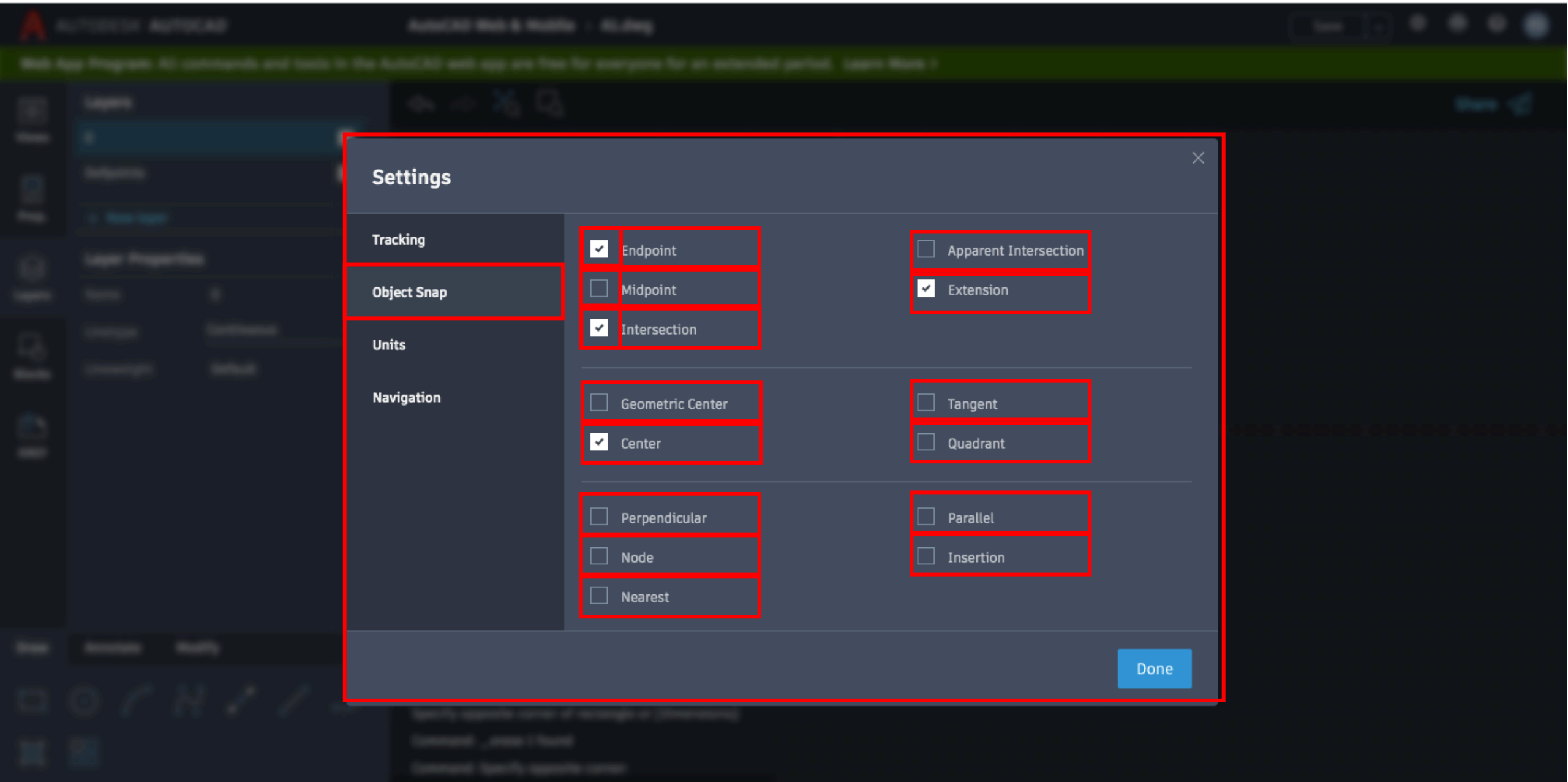


- ✓ Endpoint
- Midpoint
- ✓ Intersection
- Apparent Intersection
- ✓ Extension
- Geometric Center
- ✓ Center
- Tangent
- Quadrant
- Perpendicular
- Node
- Nearest
- Parallel
- Insertion
- Settings

Saving settings

Type a command

0,0 OSNAP OTRACK ORTHO POLAR



Settings

Tracking

☒

Endpoint

☐

Apparent Intersection

Object Snap

☐

Midpoint

☒

Extension

☒

Intersection

Units

Navigation

☐

Geometric Center

☐

Tangent

☒

Center

☐

Quadrant

☐

Perpendicular

☐

Parallel

☐

Node

☐

Insertion

☐

Nearest

Done

Settings

Tracking

Object Snap

Units

Navigation

Polar Tracking☐

Increment90

Done

Settings

Tracking

Object Snap

Units

Navigation

Linear

Format

Precision

Angular

Format

Precision

Scientific

0

0.0

0.00

Decimal Degrees

Decimal Degrees

0

0.0

0.00

0.000

0.0000

0.00000

0.000000

0.0000000

0.00000000

Done

Layers

Properties

Layer Properties

Tools

Commands

Settings

Settings

Tracking

Object Snap

Units

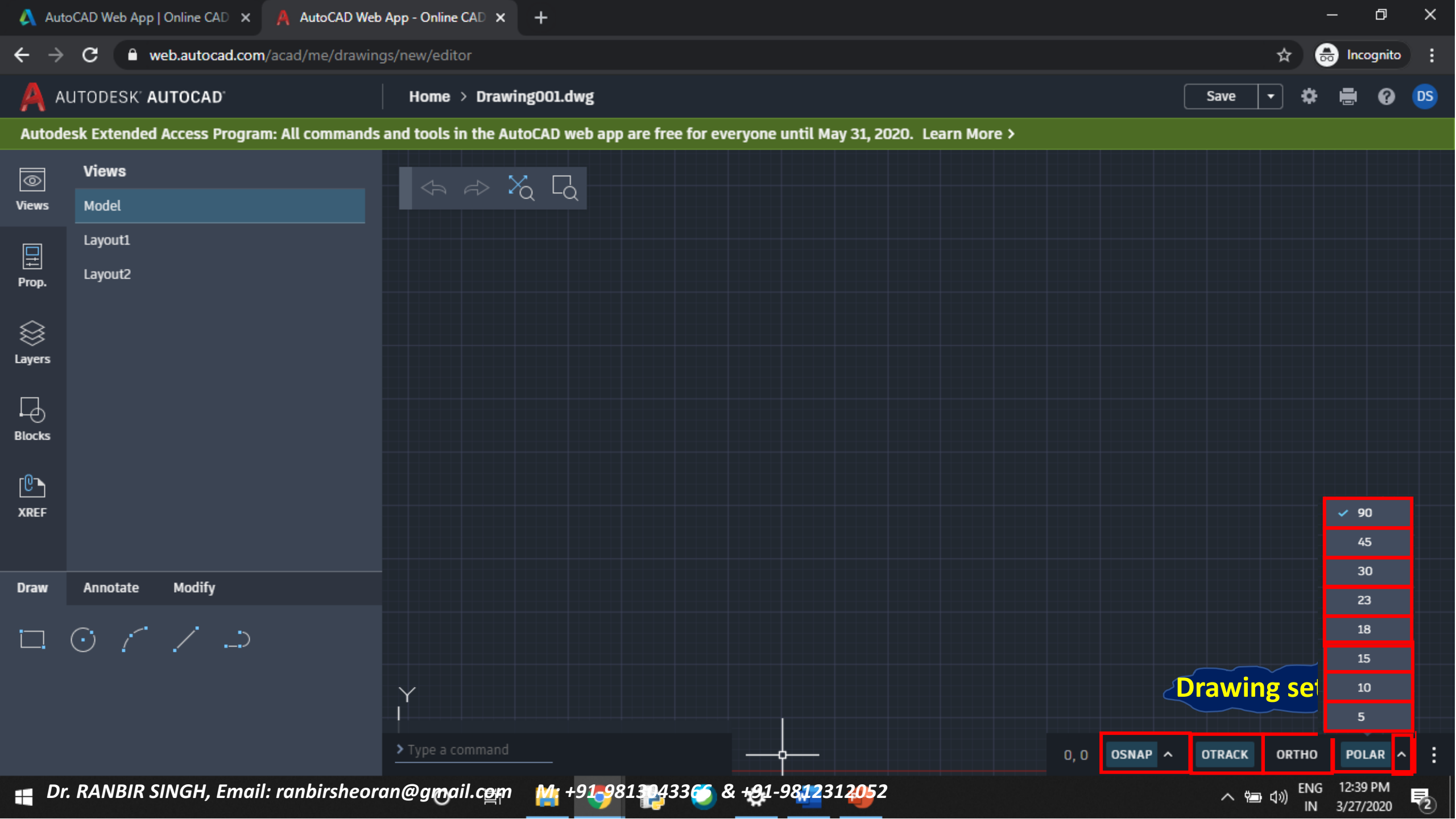
Navigation

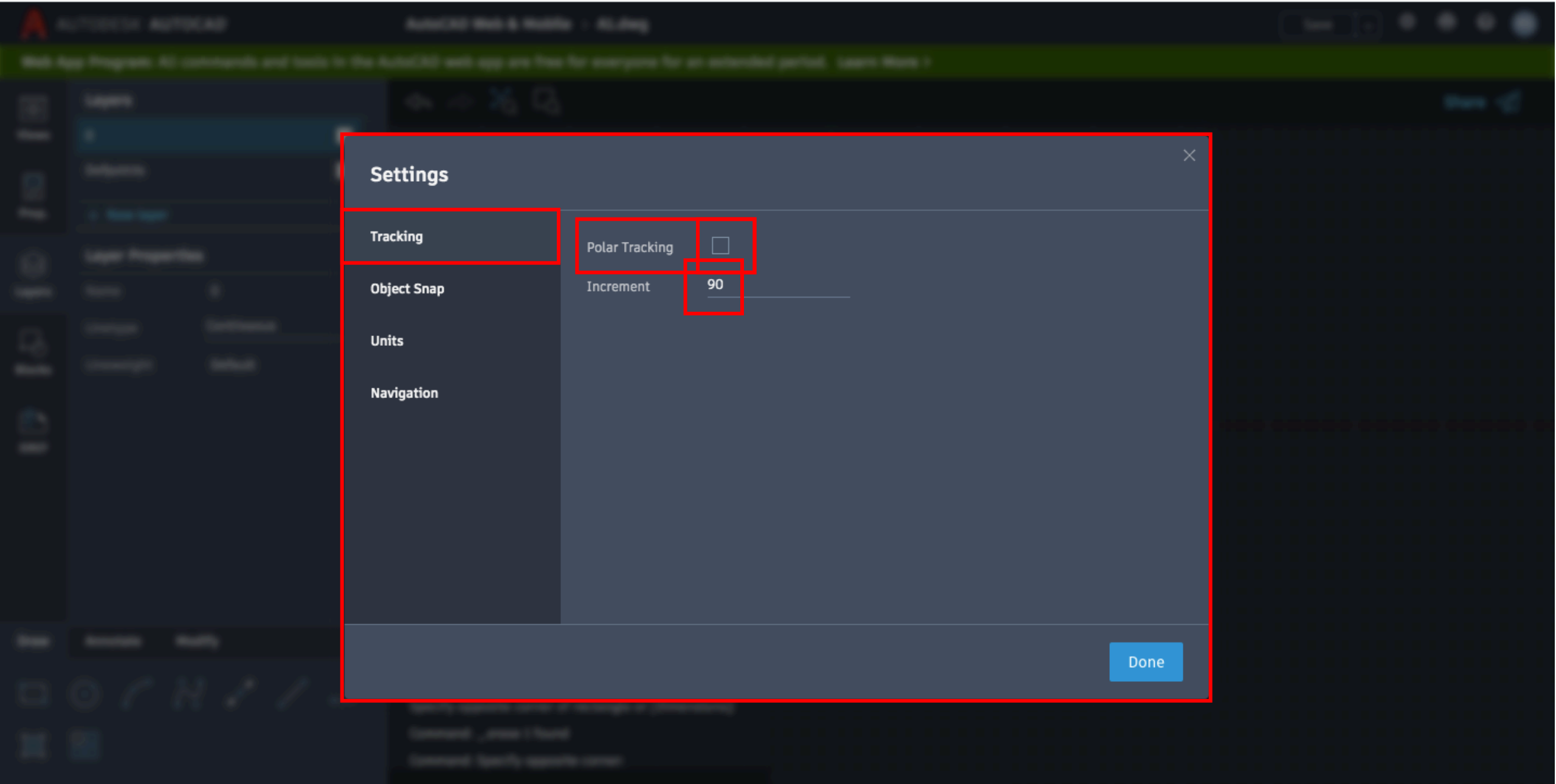
Zoom Direction

☒ Standard

☐ Reverse

Done





Settings

Tracking

Polar Tracking

☐

Increment

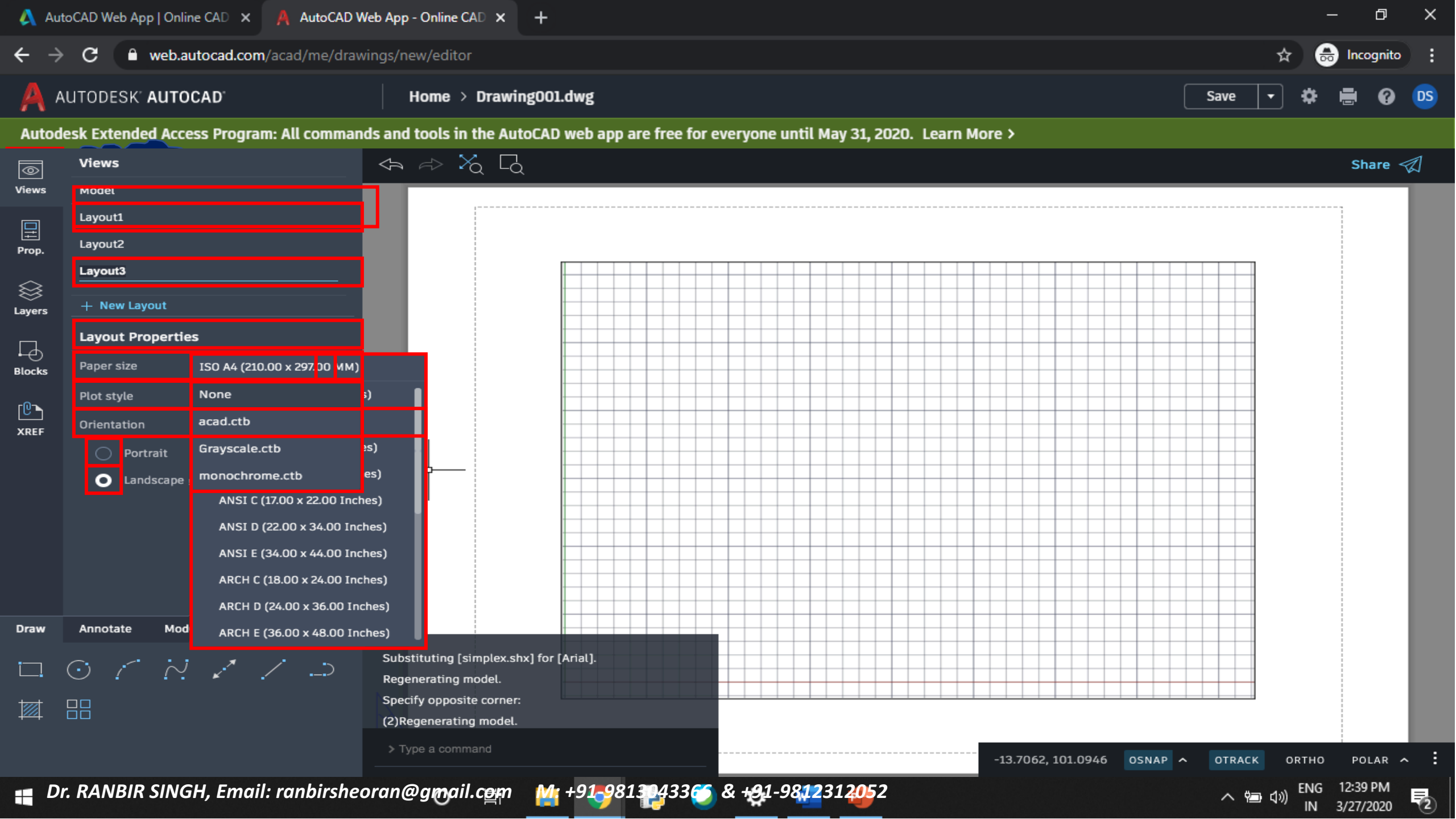
90

Object Snap

Units

Navigation

Done



Views

- Model
- Layout1
- Layout2
- Layout3
- + New Layout

Layout Properties

Paper size	ISO A4 (210.00 x 297.00 MM)
Plot style	None
Orientation	acad.ctb
<input type="radio"/> Portrait	Grayscale.ctb
<input checked="" type="radio"/> Landscape	monochrome.ctb

- ANSI C (17.00 x 22.00 Inches)
- ANSI D (22.00 x 34.00 Inches)
- ANSI E (34.00 x 44.00 Inches)
- ARCH C (18.00 x 24.00 Inches)
- ARCH D (24.00 x 36.00 Inches)
- ARCH E (36.00 x 48.00 Inches)

Share

Substituting [simplex.shx] for [Arial].
Regenerating model.
Specify opposite corner:
(2)Regenerating model.

> Type a command

-13.7062, 101.0946 OSNAP OTRACK ORTHO POLAR

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Views

Prop.

Layers

Blocks

XREF

Draw

Annotate

Modify

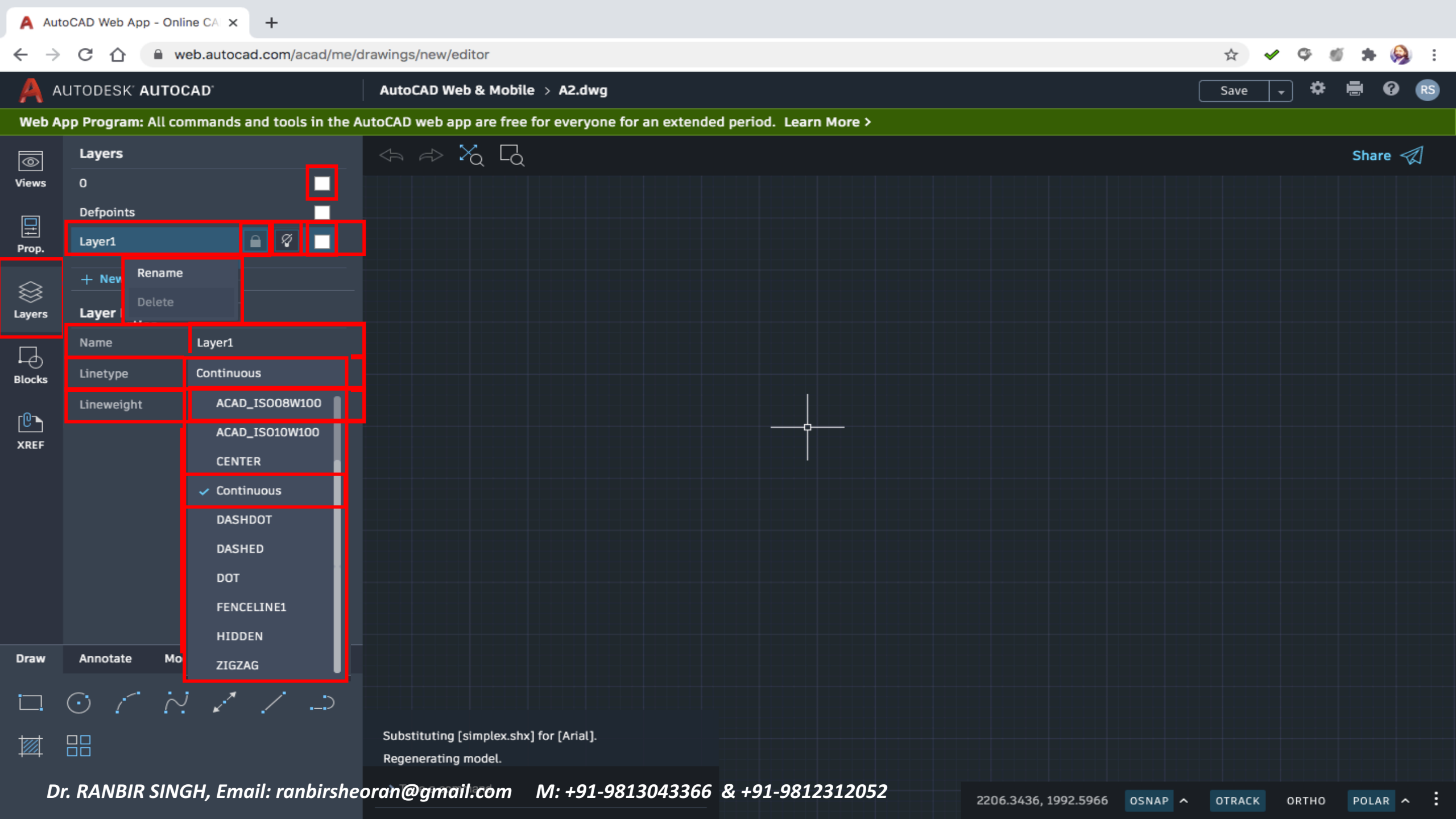
Object Properties

Layer	0
Color	ByLayer
Linetype	ByLayer
Linetype scale	ByLayer
Dim style	Arch_125
Text style	Annotative
Mleader style	Annotative
	ML_0.5
	ML_3
	ML_5
	ML_6
	ML_12
	Standard
	Standard

Navigation icons: back, forward, zoom in, zoom out

Type a command

0,0 OSNAP OTRACK ORTHO POLAR



Web App Program: All commands and tools in the AutoCAD web app are free for everyone for an extended period. [Learn More >](#)

Views Current drawing Blocks Properties

Current drawing

+

Create block

Block-001

Layers

Blocks

XREF

Block Properties

Block name Block-001

Reference count 1

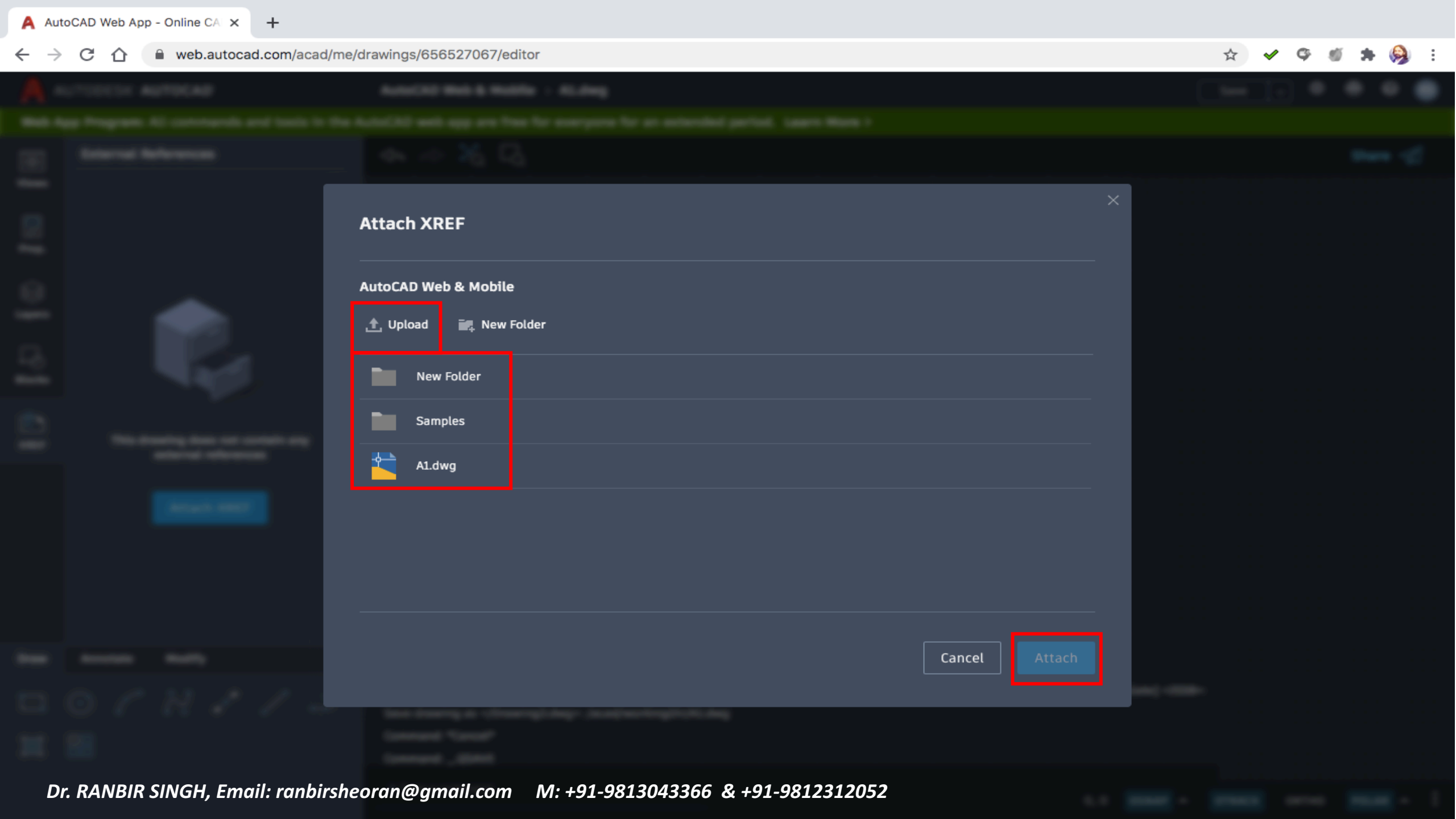
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Substituting [simplex.shx] for [Arial].

Regenerating model.

> BLOCK Specify insertion base point or Annotative mOde : |



Attach XREF

AutoCAD Web & Mobile



Upload



New Folder



New Folder



Samples



A1.dwg

Cancel

Attach

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Views



Prop.



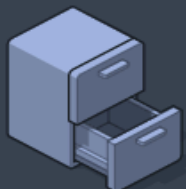
Layers



Blocks



XREF

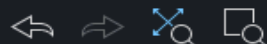


This drawing does not contain any external references

Attach XREF

Draw

Draw commands



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Share



Circle

Rectangle

Xline

Polyline

Spline

Line

Arc

Hatch

Array

Current file format: AutoCAD 2018 Drawing

Enter file format [R14(LT98<97)/2000(LT2000)/2004(LT2004)/2007(LT2007)/2010(LT2010)/2013(LT2013)/2018(LT2018)/DXF/Template] <2018>:

Save drawing as </Drawing3.dwg>: /acad/workingDir/A1.dwg

Command: *Cancel*

Command: _QSAVE

> Type a command

589.9715, 2277.8096

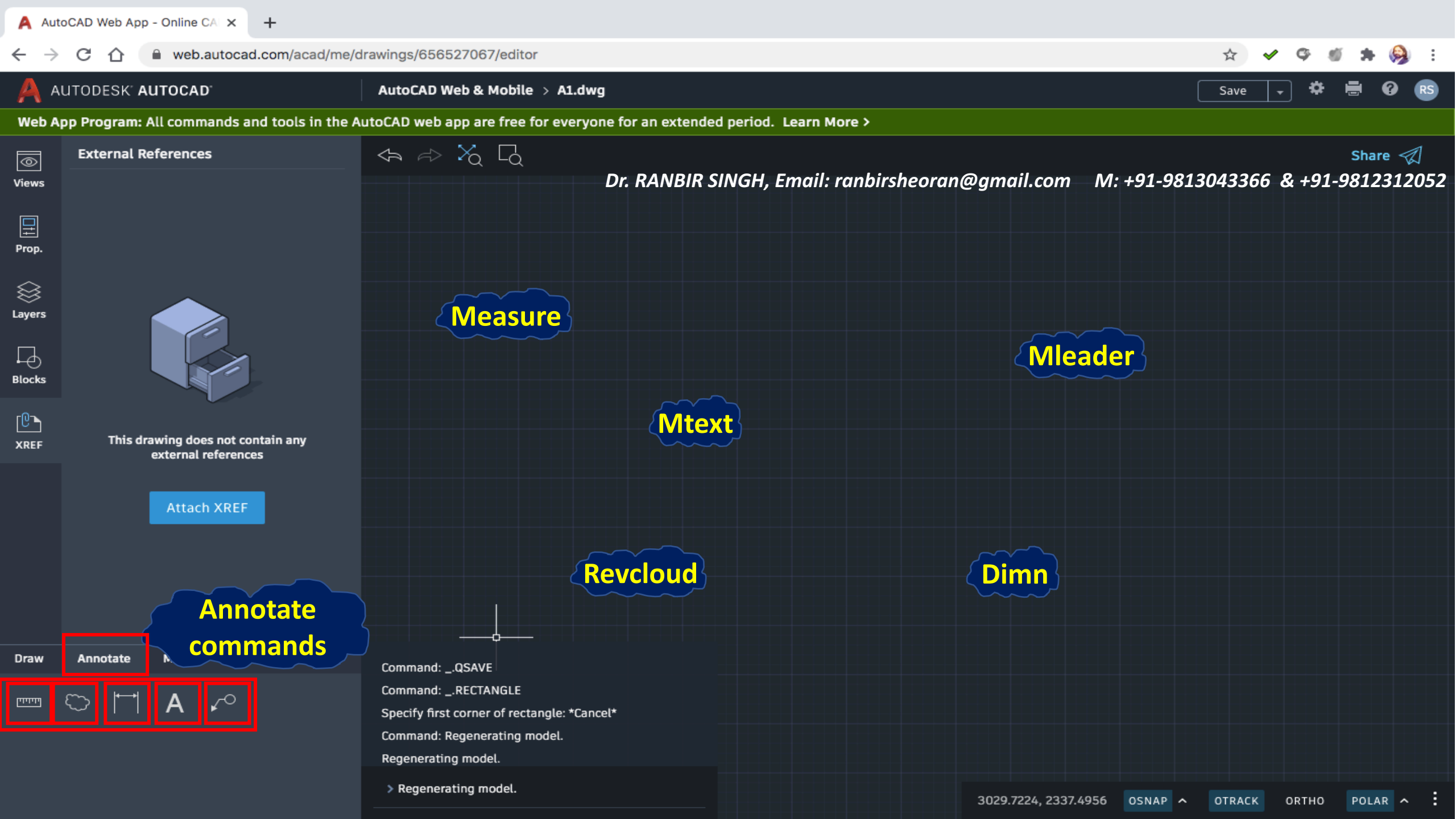
OSNAP ^

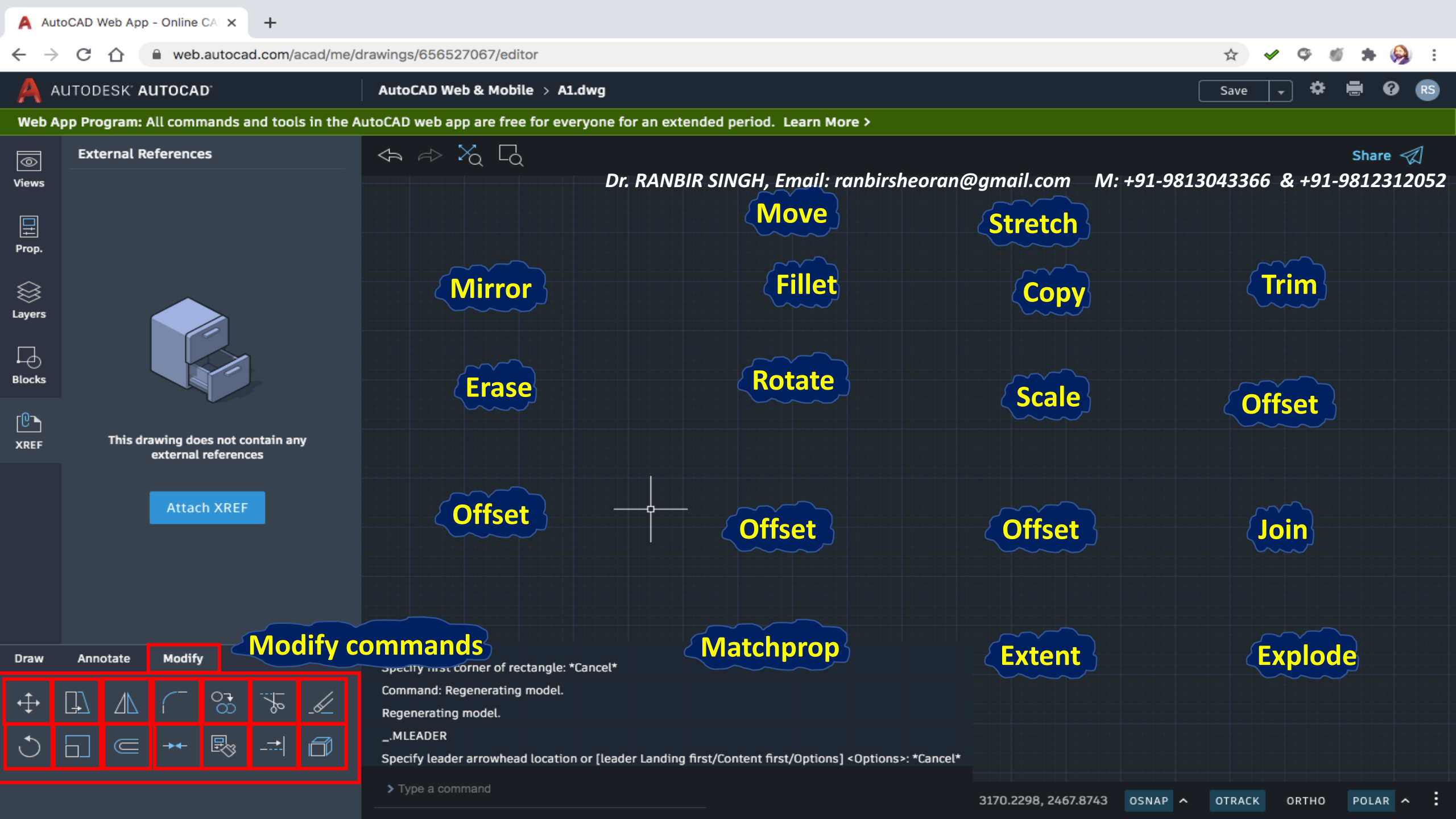
OTRACK

ORTHO

POLAR ^



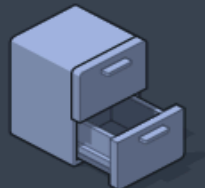




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External References

Views
Prop.
Layers
Blocks
XREF



This drawing does not contain any external references

[Attach XREF](#)

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Modify commands

Specify first corner of rectangle: *Cancel*

Command: Regenerating model.

Regenerating model.

_.MLEADER

Specify leader arrowhead location or [leader Landing first/Content first/Options] <Options>: *Cancel*

> Type a command