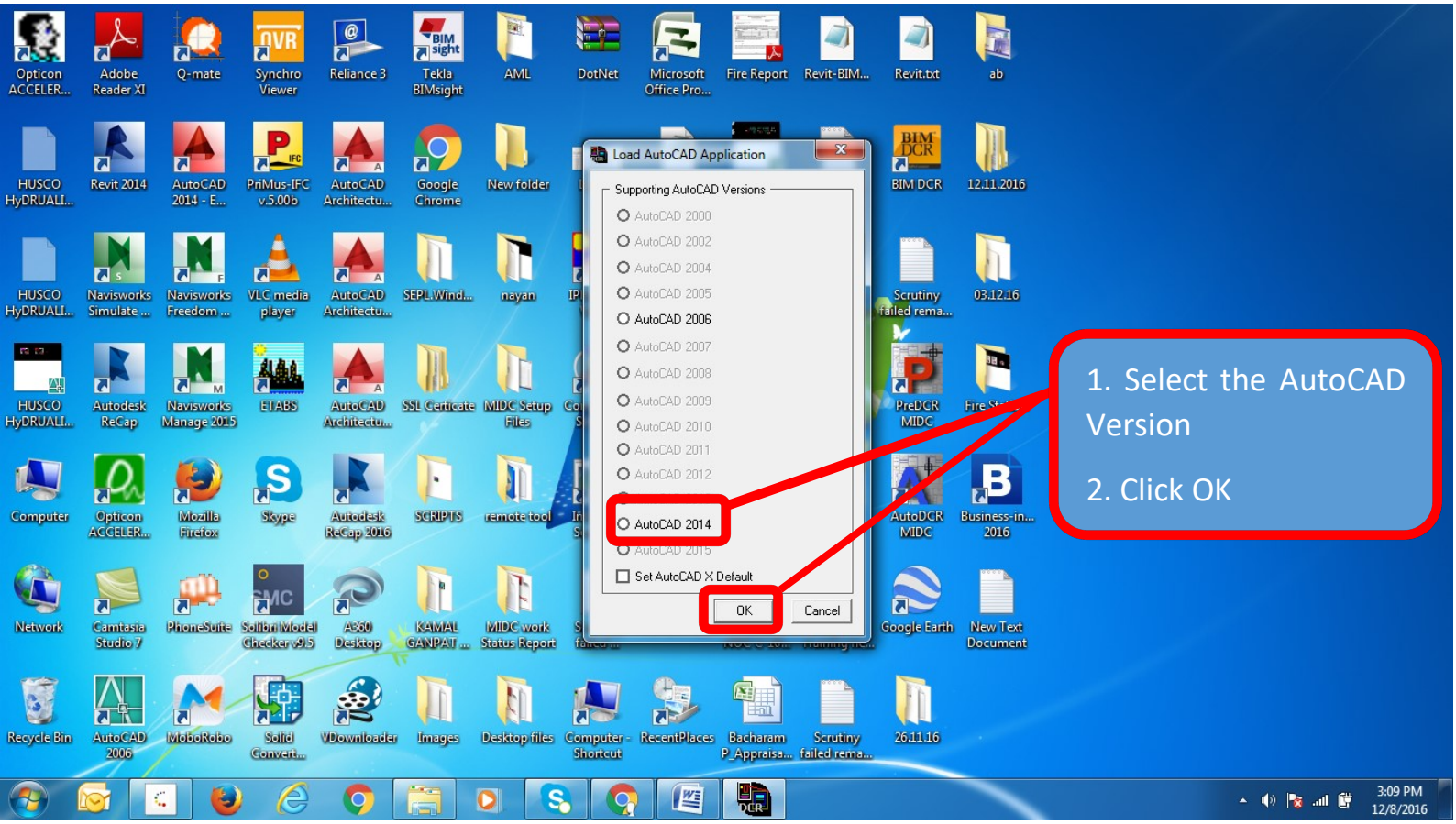
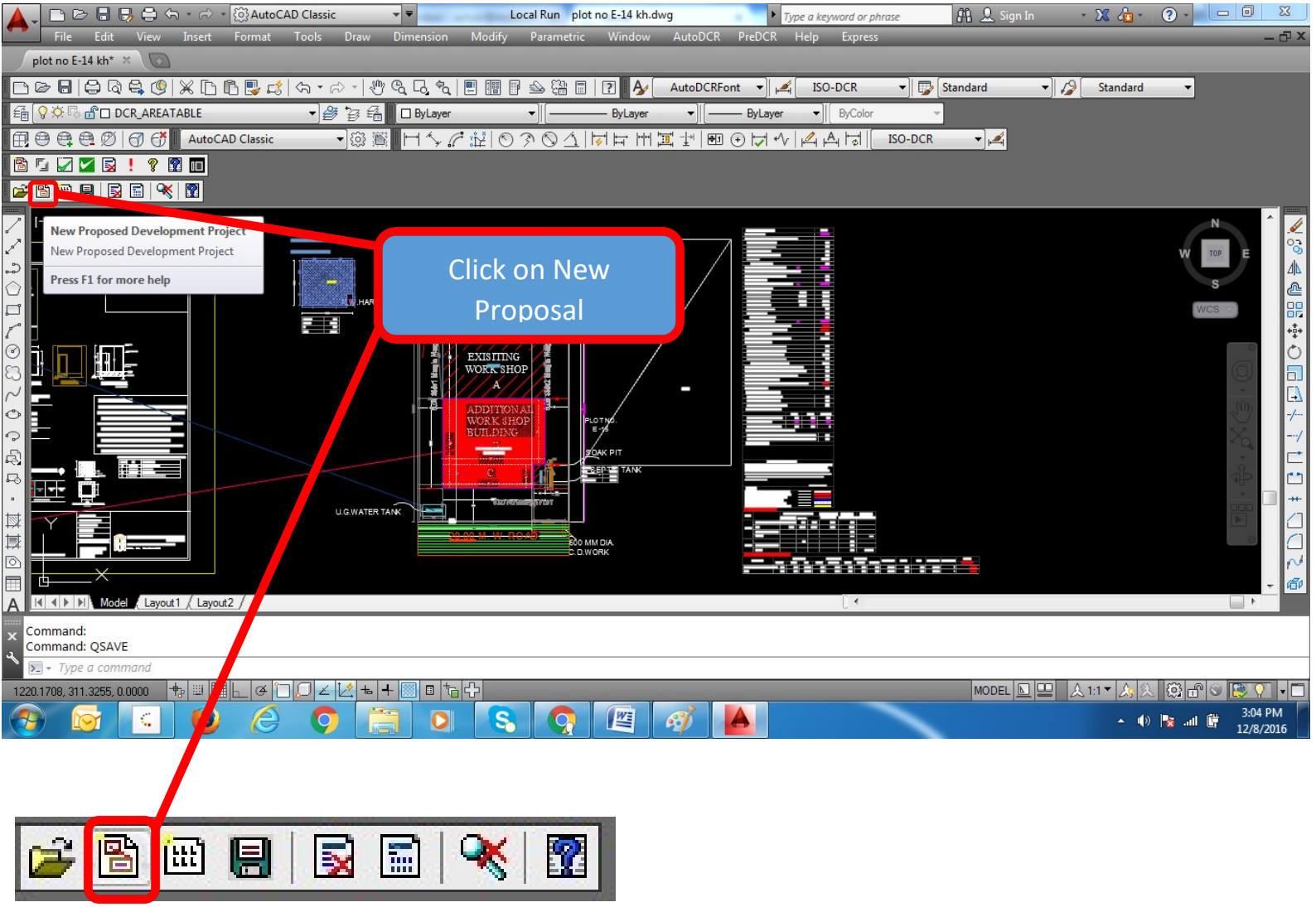
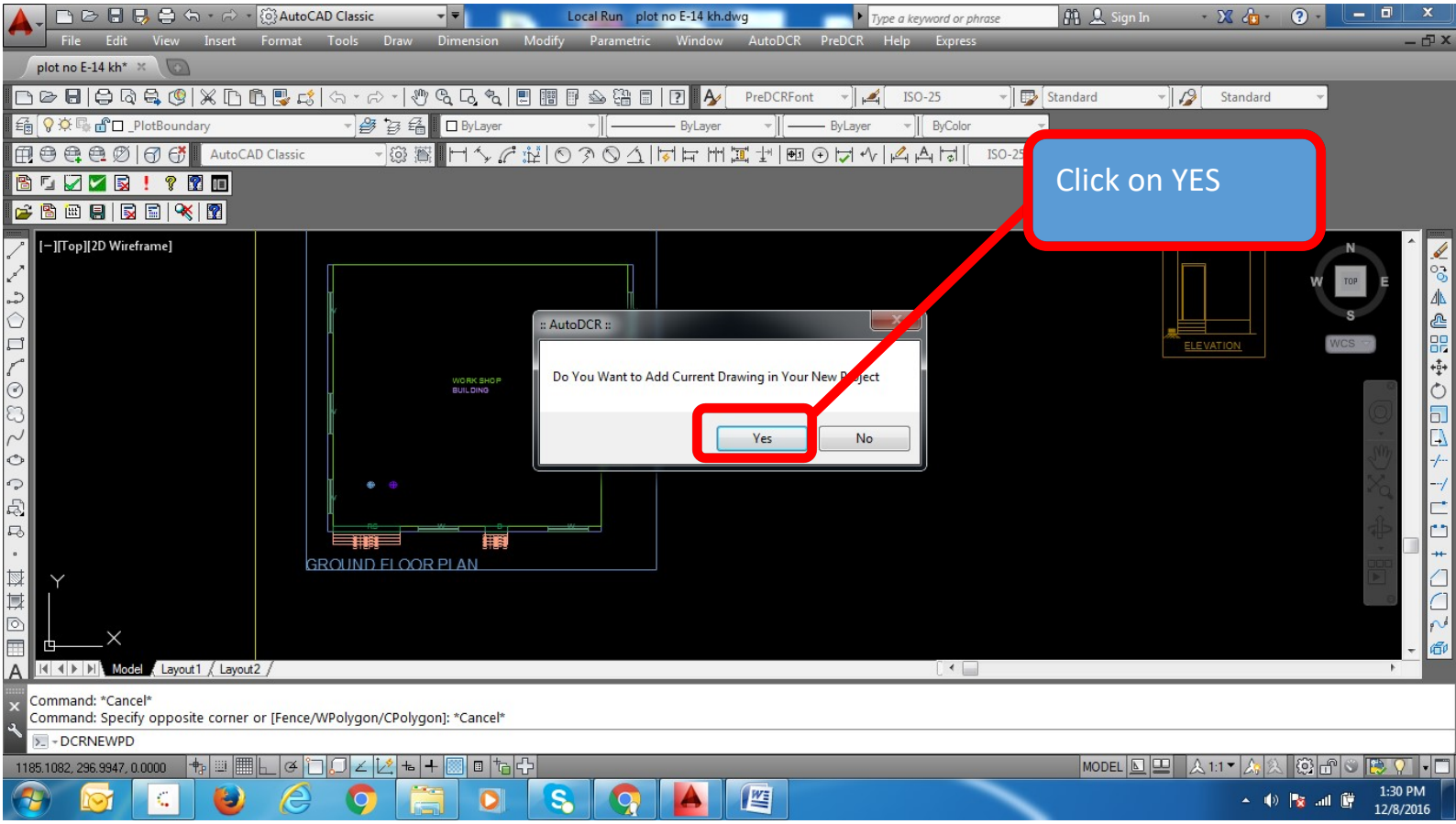
1. Launching 'AutoDCR' Software



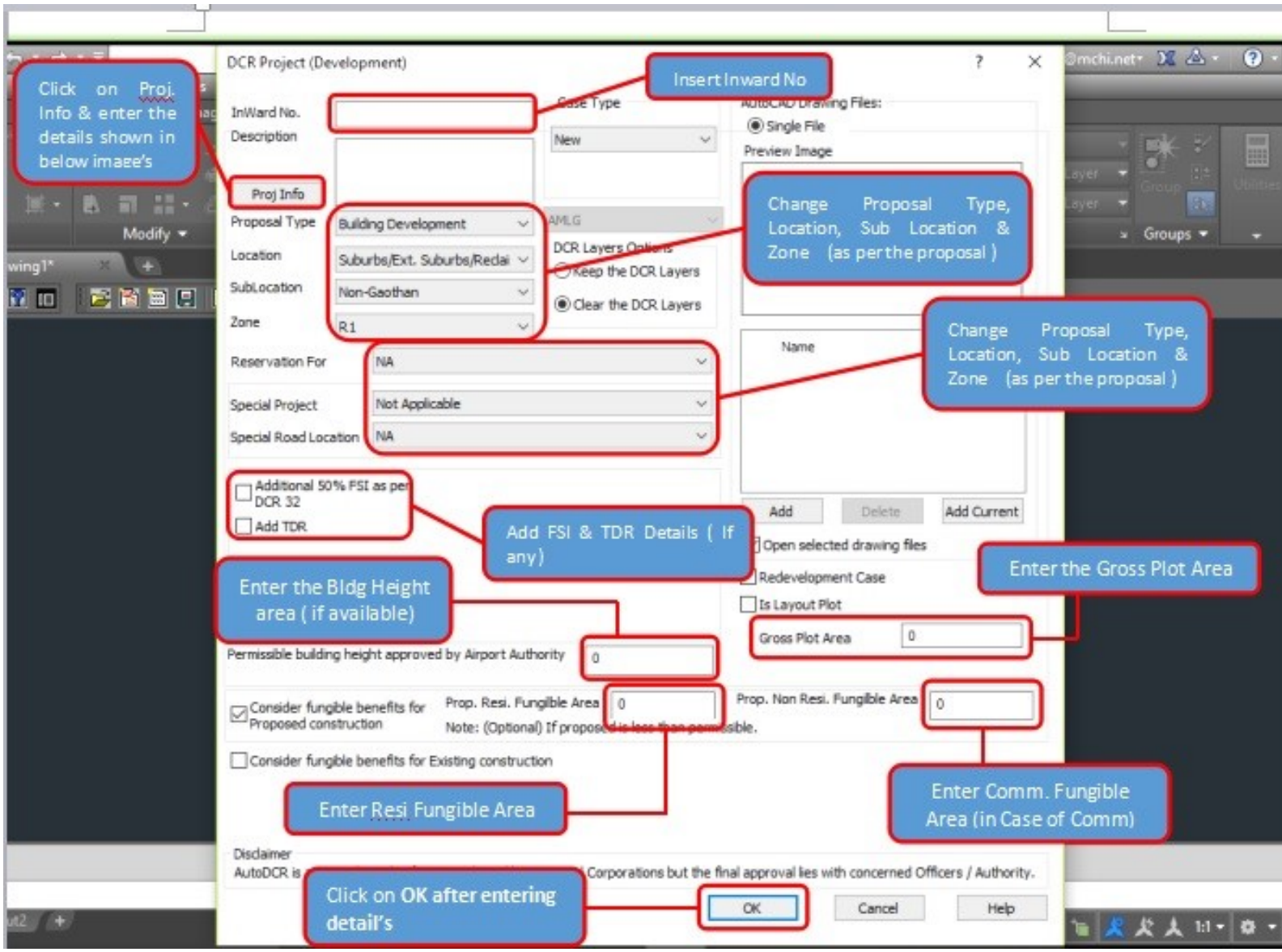
2. Click on the New Proposal button on AutoDCR Bar

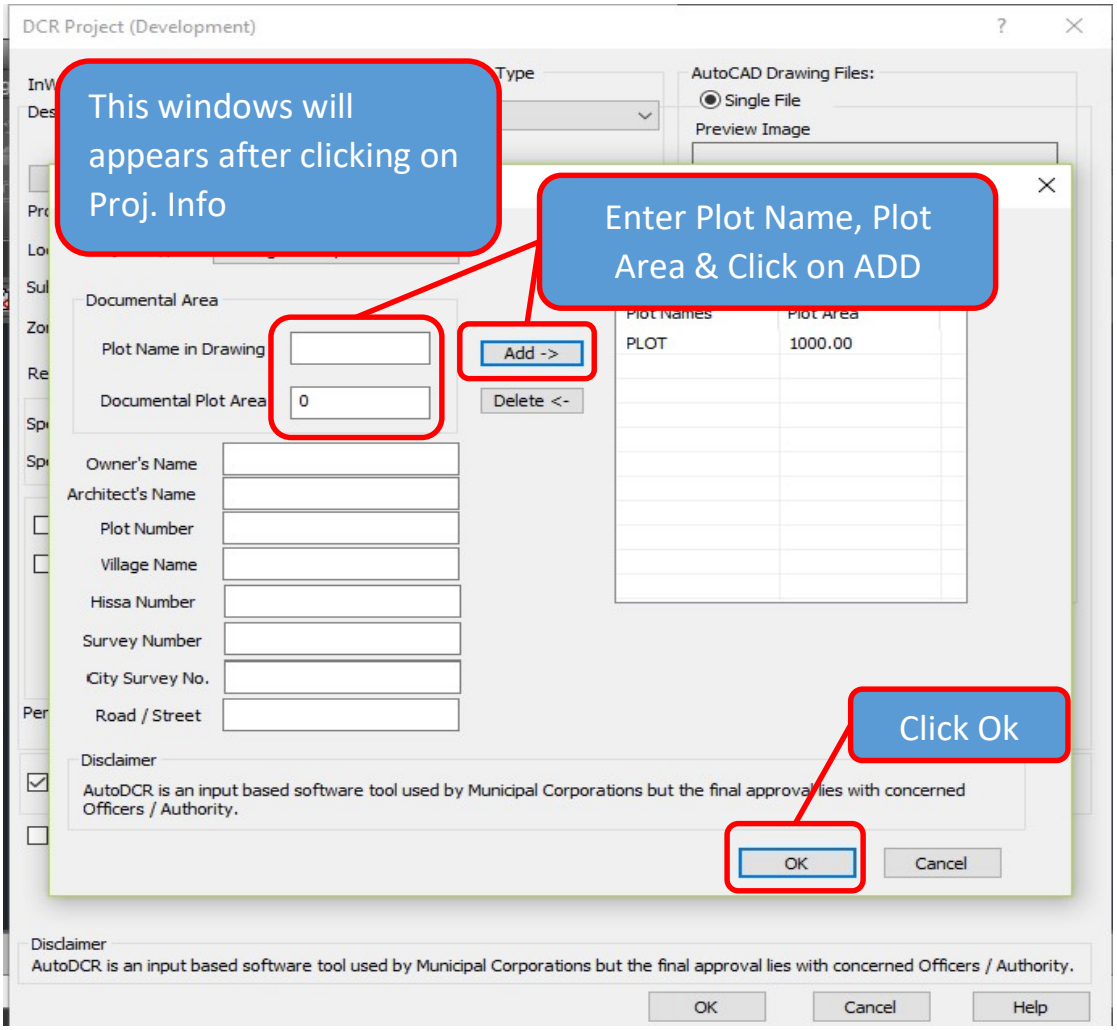


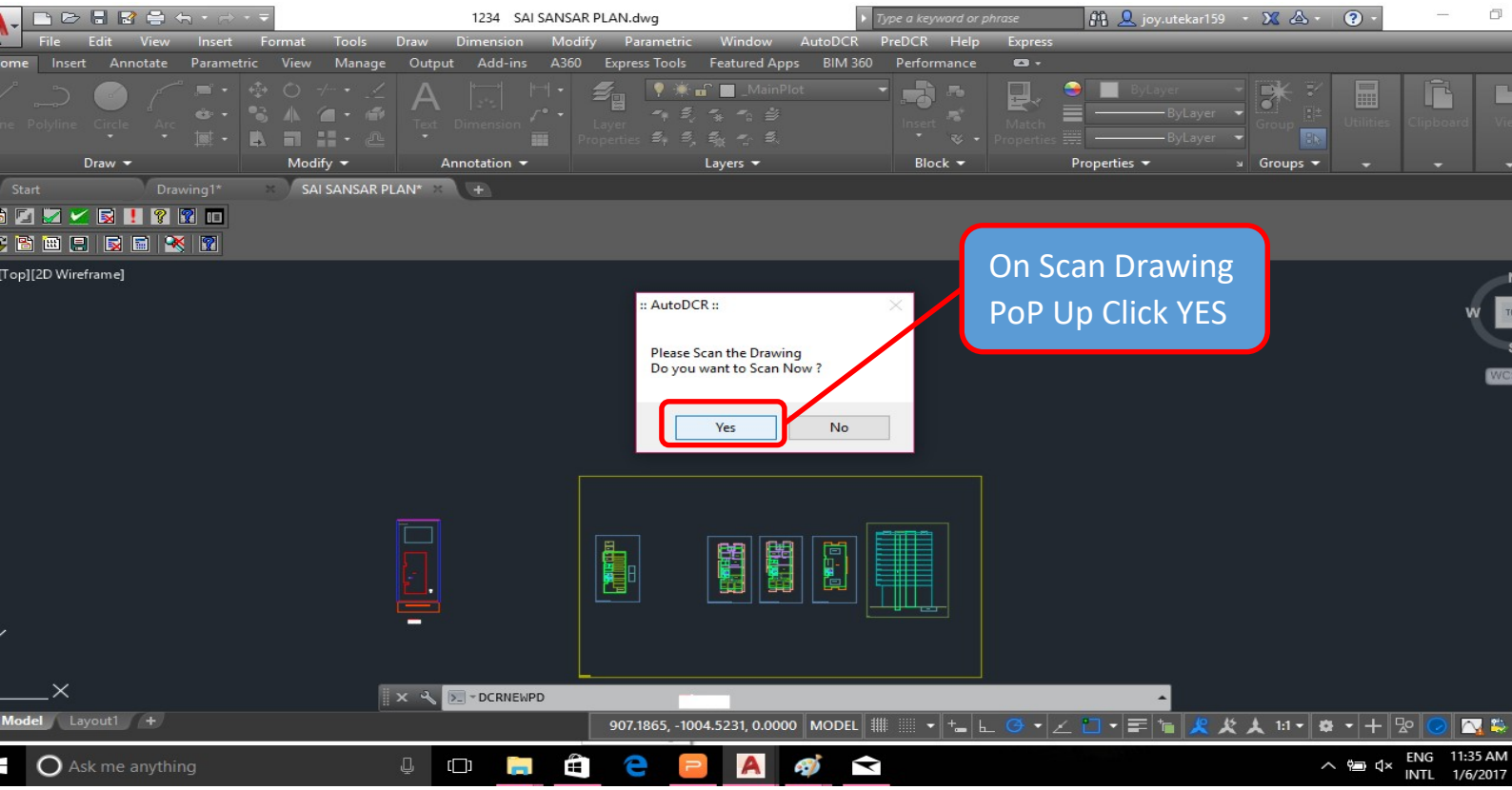
3 Click on YES to add current Project

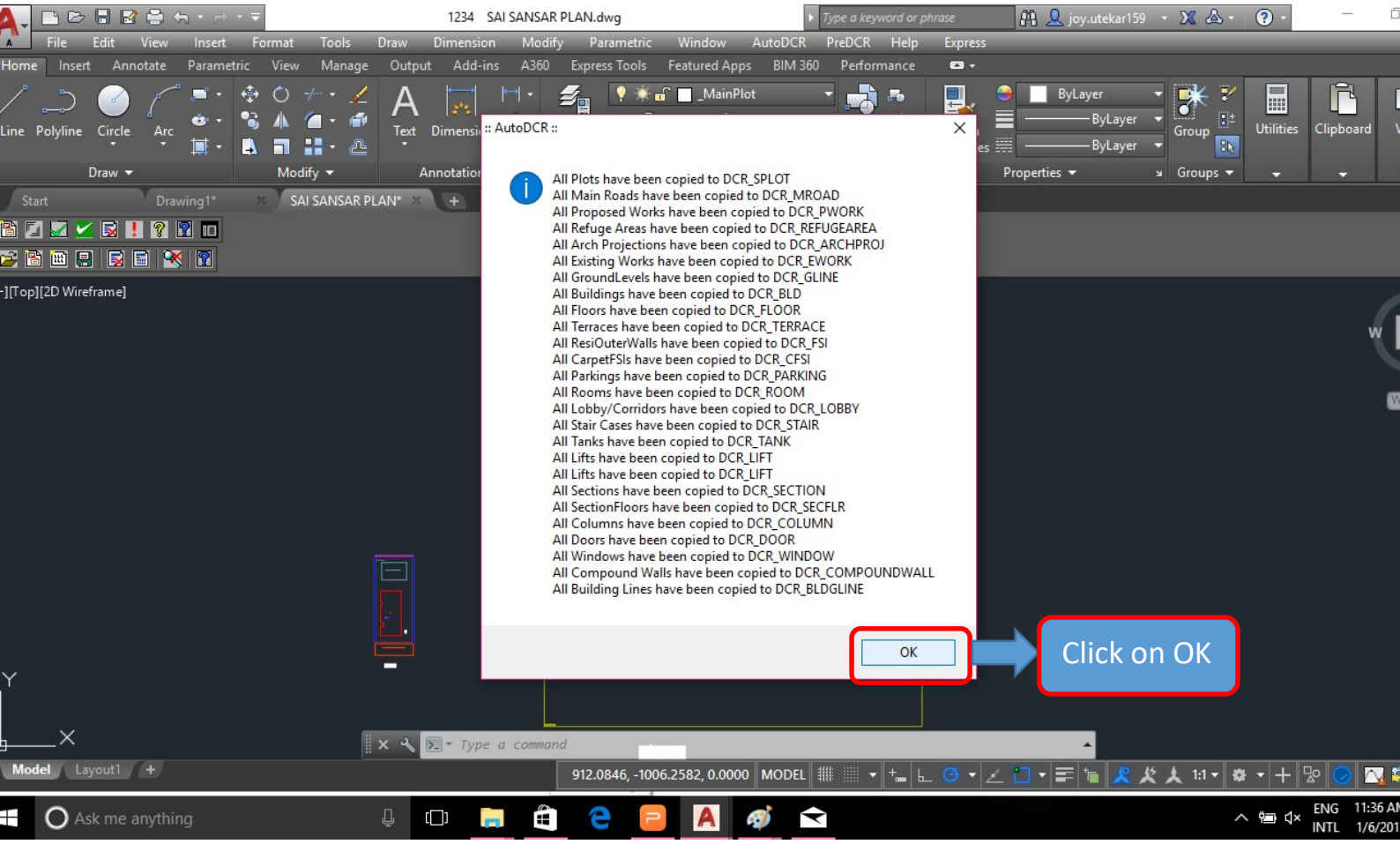


4. Enter the Proj. Info, Project Details and Click OK

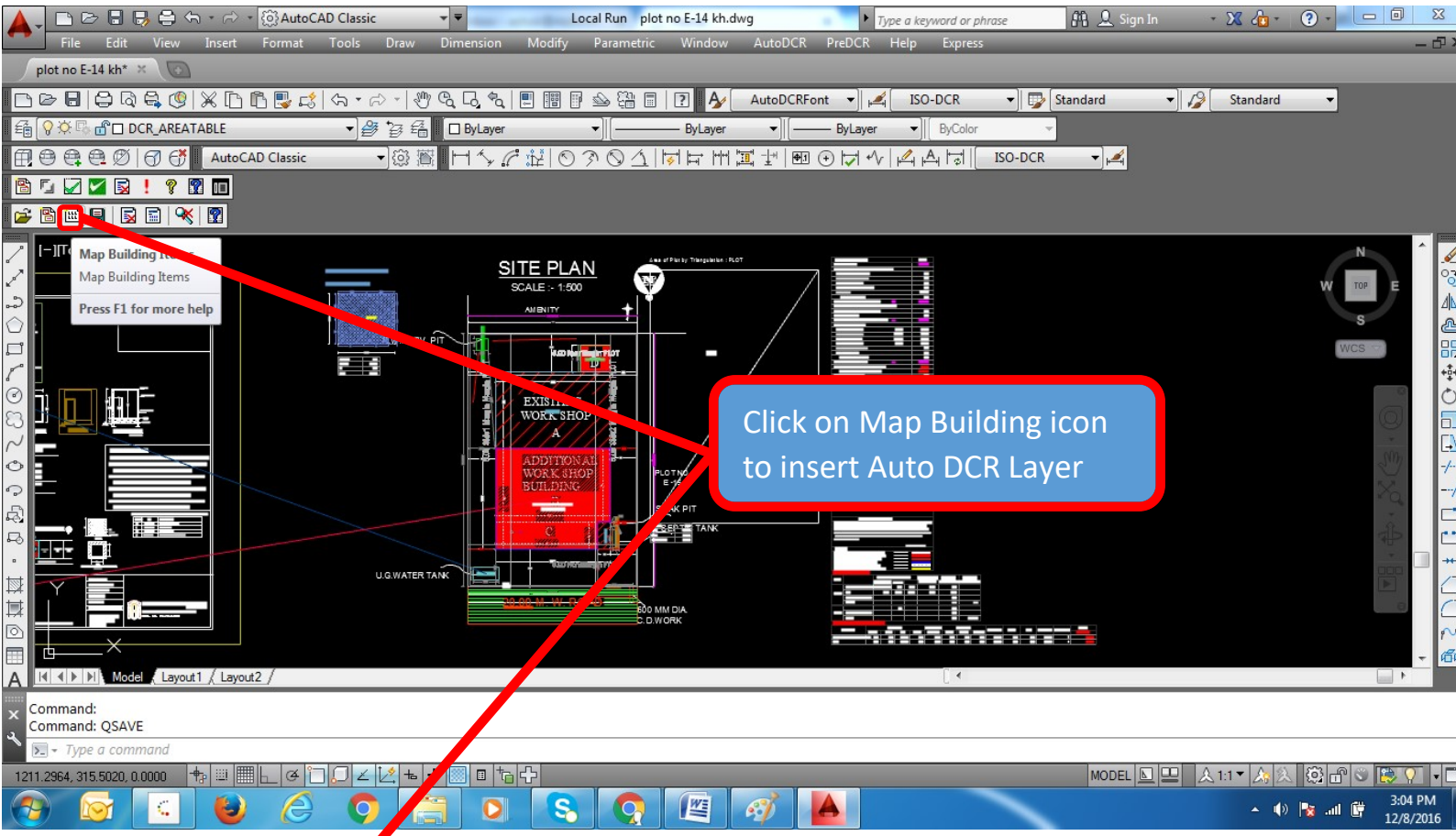


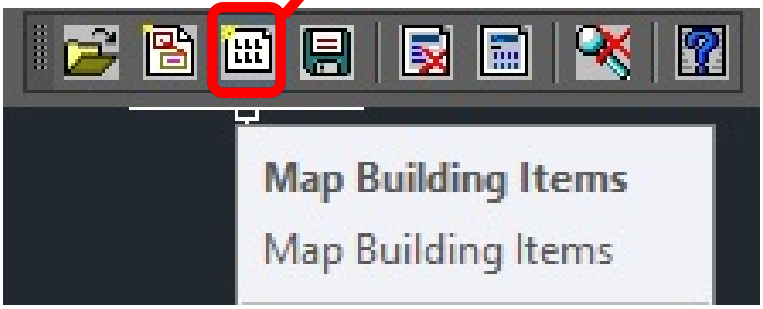

DCR Project (Development)
This windows will appears after clicking on Proj. Info
Enter Plot Name, Plot Area & Click on ADD
Click Ok
AutoCAD Drawing Files:
Single File
Preview Image
Documental Area
Plot Name in Drawing
Documental Plot Area
0
Add ->
Delete <-
Plot Names
Plot Area
PLOT
1000.00
Owner's Name
Architect's Name
Plot Number
Village Name
Hissa Number
Survey Number
City Survey No.
Road / Street
Disclaimer
AutoDCR is an input based software tool used by Municipal Corporations but the final approval lies with concerned Officers / Authority.
OK
Cancel
Help


1234 SAI SANSAR PLAN.dwg
SAI SANSAR PLAN*
[Top][2D Wireframe]
On Scan Drawing PoP Up Click YES
:: AutoDCR ::
Please Scan the Drawing
Do you want to Scan Now ?
Yes
No
DCRNEWPD
907.1865, -1004.5231, 0.0000
MODEL

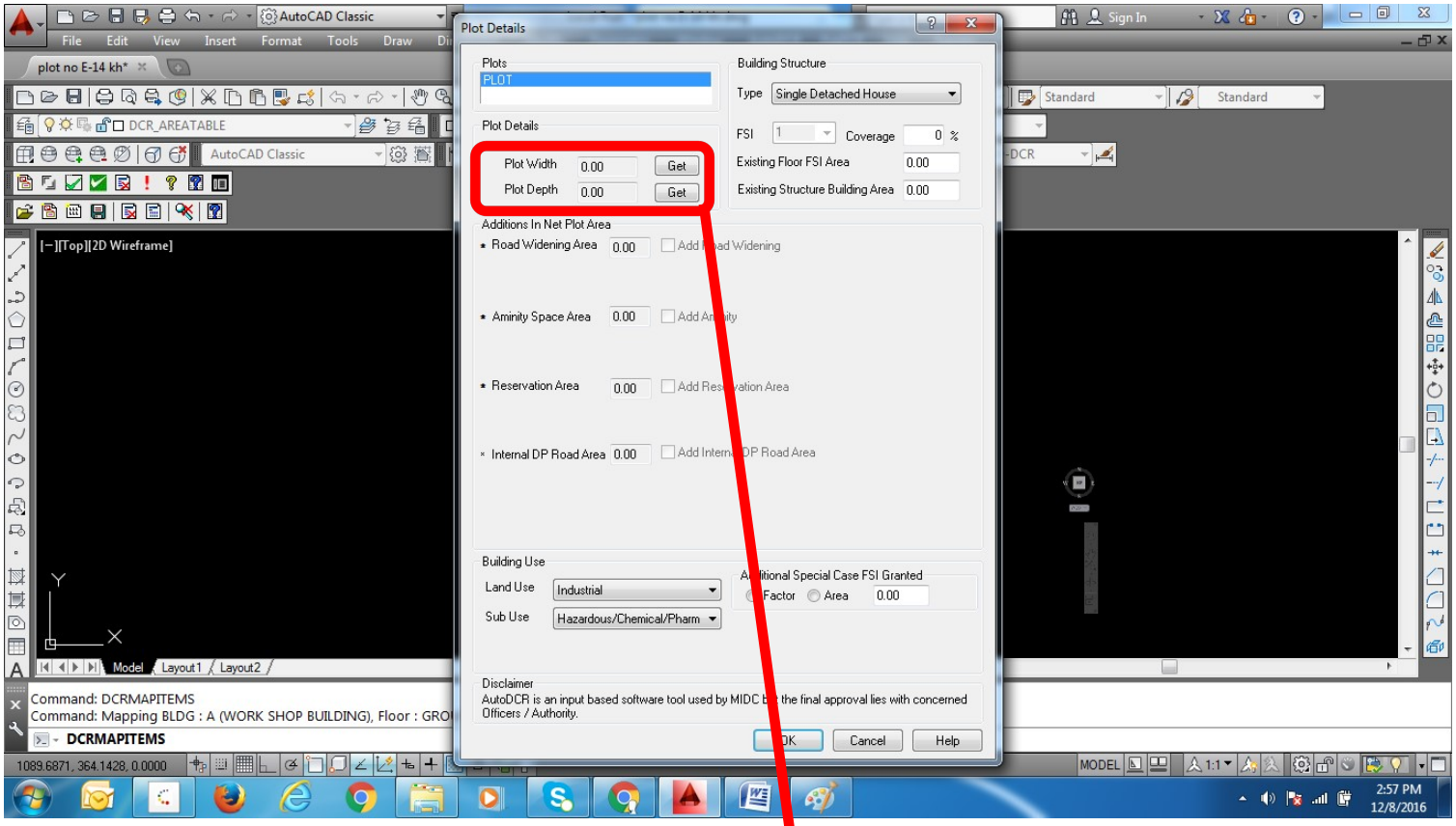

:: AutoDCR ::
All Plots have been copied to DCR_SPLOT
All Main Roads have been copied to DCR_MROAD
All Proposed Works have been copied to DCR_PWORK
All Refuge Areas have been copied to DCR_REFUGEAREA
All Arch Projections have been copied to DCR_ARCHPROJ
All Existing Works have been copied to DCR_EWORK
All GroundLevels have been copied to DCR_GLINE
All Buildings have been copied to DCR_BLD
All Floors have been copied to DCR_FLOOR
All Terraces have been copied to DCR_TERRACE
All ResiOuterWalls have been copied to DCR_FSI
All CarpetFSIs have been copied to DCR_CFSI
All Parkings have been copied to DCR_PARKING
All Rooms have been copied to DCR_ROOM
All Lobby/Corridors have been copied to DCR_LOBBY
All Stair Cases have been copied to DCR_STAIR
All Tanks have been copied to DCR_TANK
All Lifts have been copied to DCR_LIFT
All Lifts have been copied to DCR_LIFT
All Sections have been copied to DCR_SECTION
All SectionFloors have been copied to DCR_SECFLR
All Columns have been copied to DCR_COLUMN
All Doors have been copied to DCR_DOOR
All Windows have been copied to DCR_WINDOW
All Compound Walls have been copied to DCR_COMPOUNDWALL
All Building Lines have been copied to DCR_BLDGLINE
OK
Click on OK

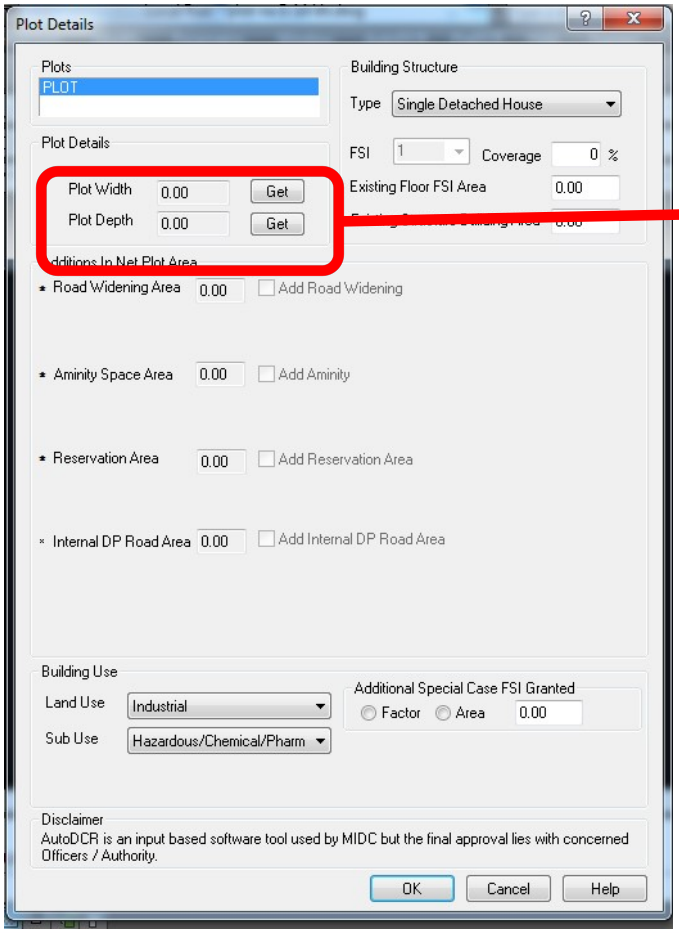
5. Applying AutoDCR Layer





6. Mark the plot by marking Plot Width and Plot Depth

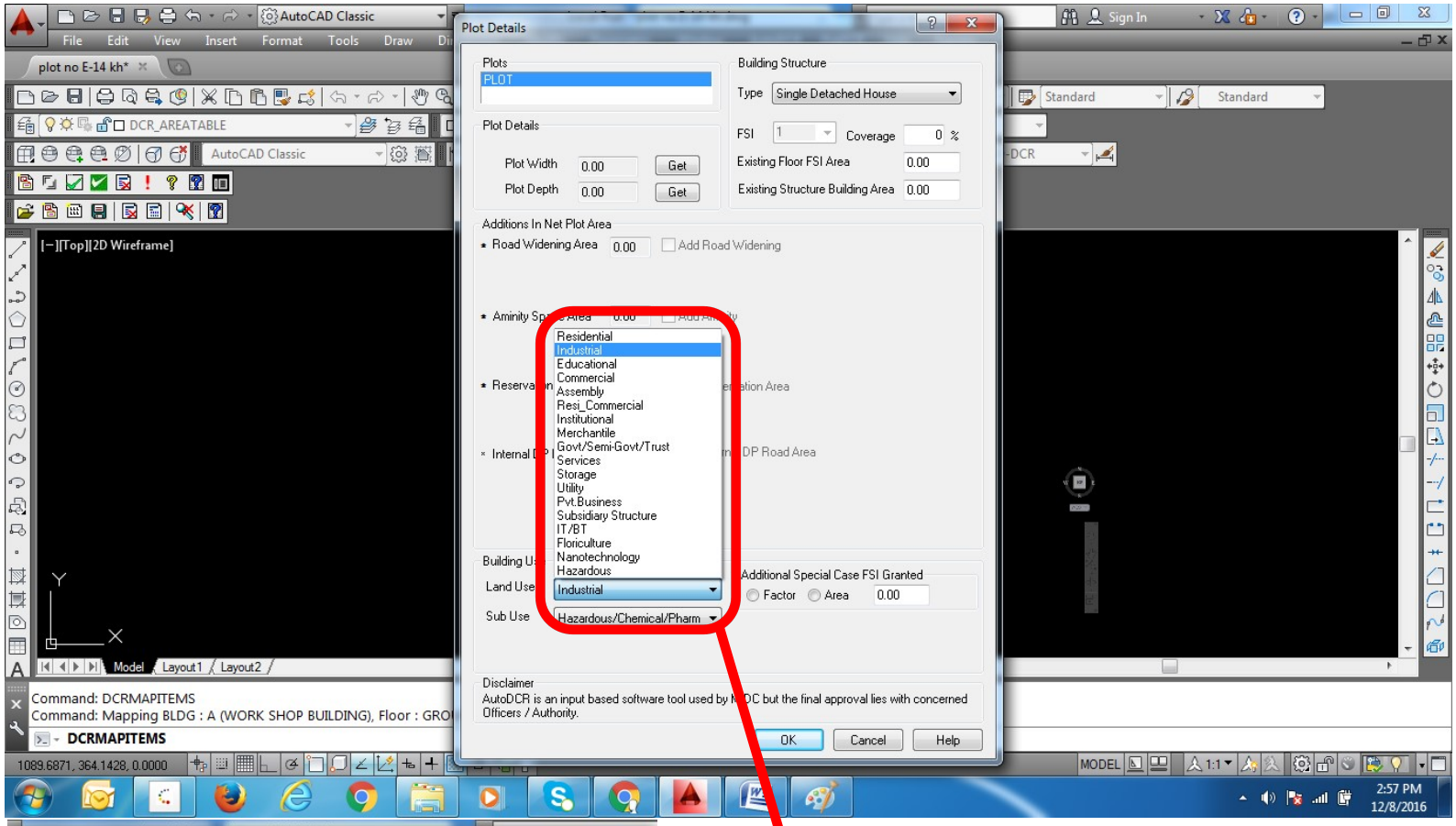


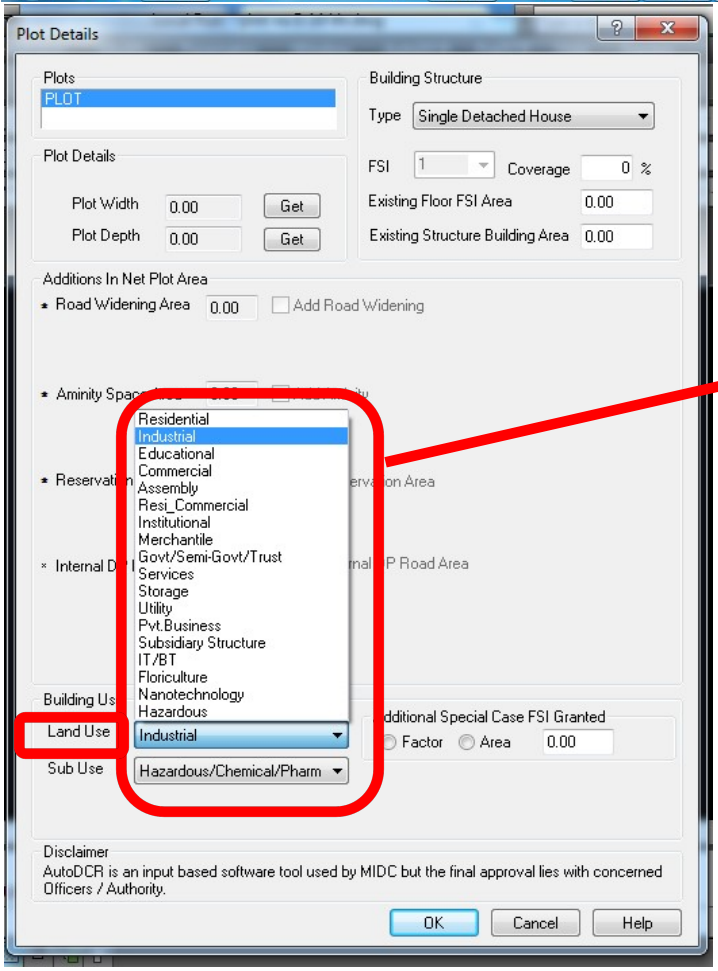


Click on GET icon in front of PLOT WIDTH to mark WIDTH of plot

Click on GET icon in front of PLOT DEPTH to mark DEPTH of plot

7. Select the Building use.

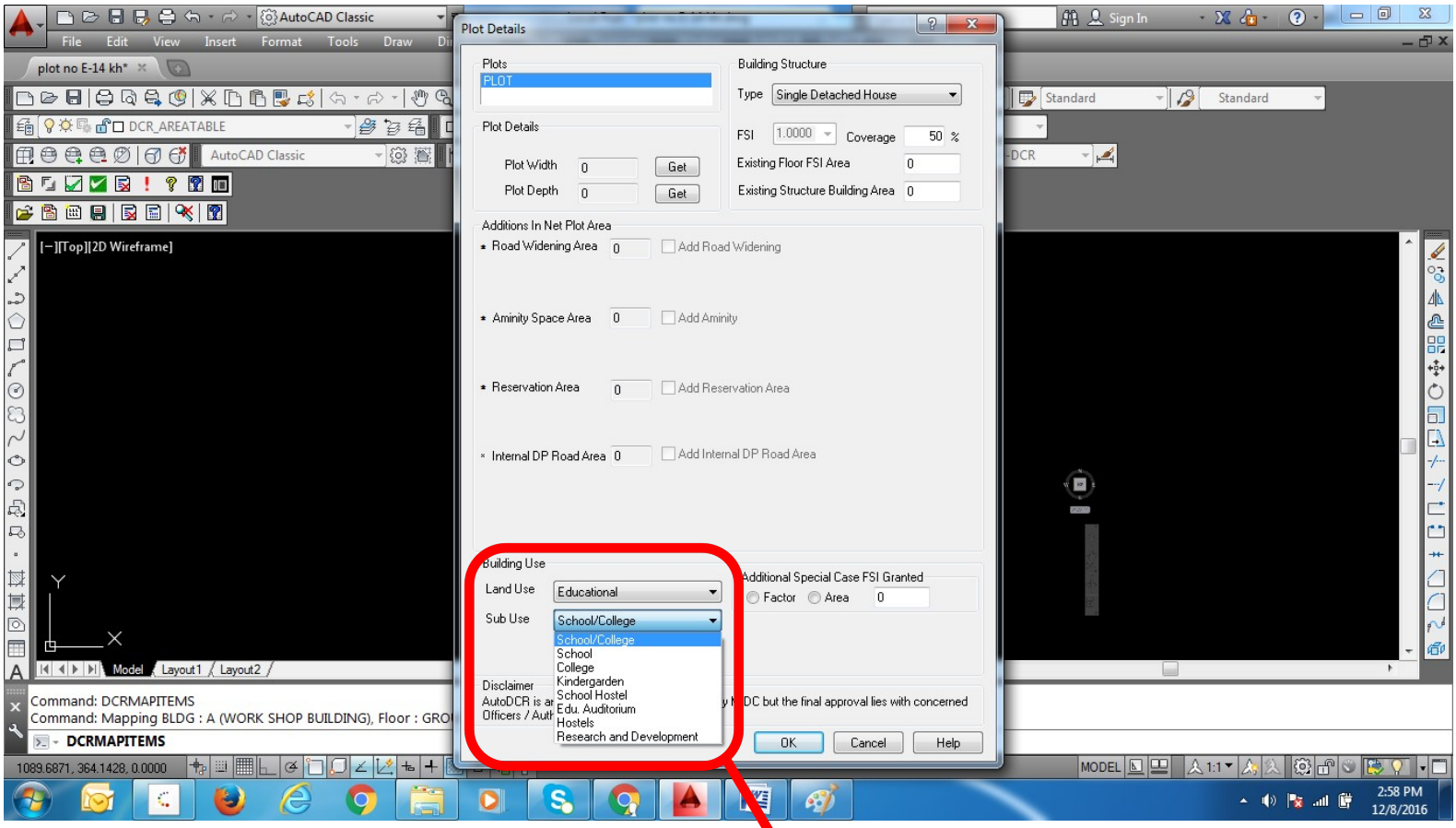


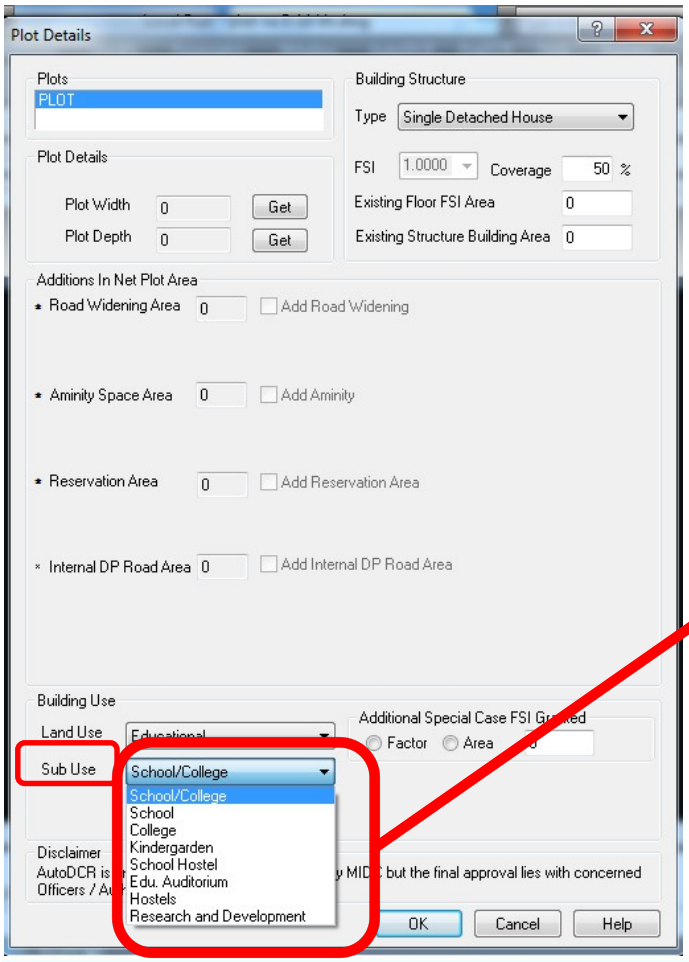


Select the type of Building

(Eg: Residential, Industrial, Commercial etc.)

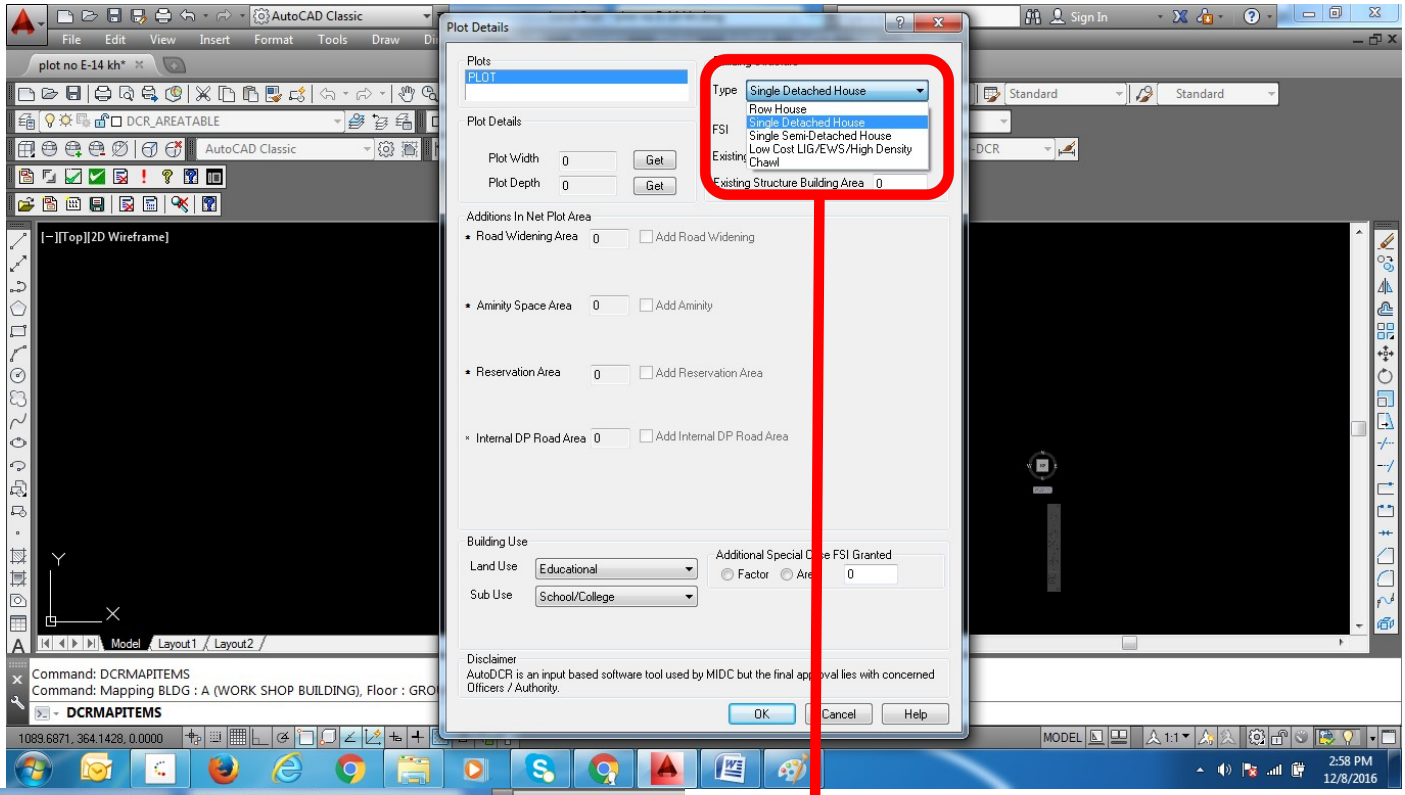
8. Select the Sub Use of Building.

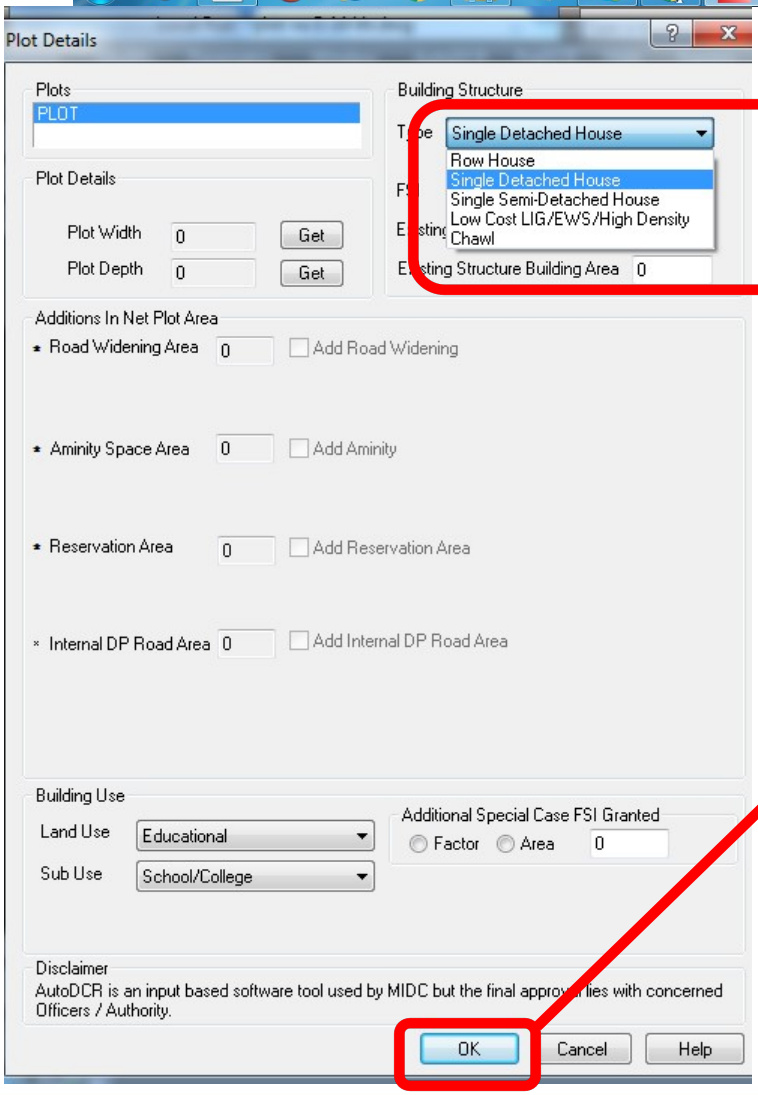




Click on the Sub Use drop box & select the uses of the building

9. Select the type of Building.

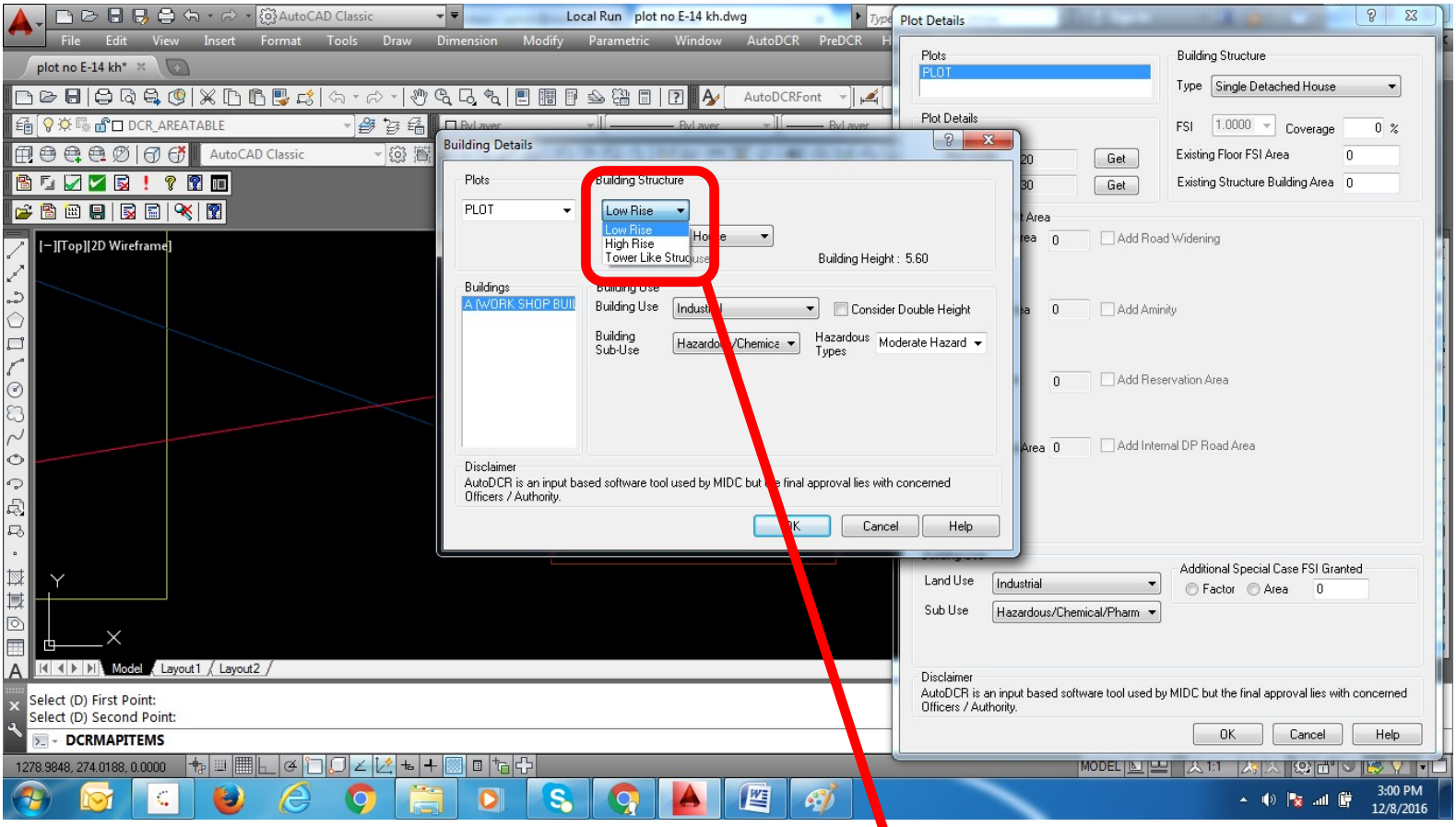


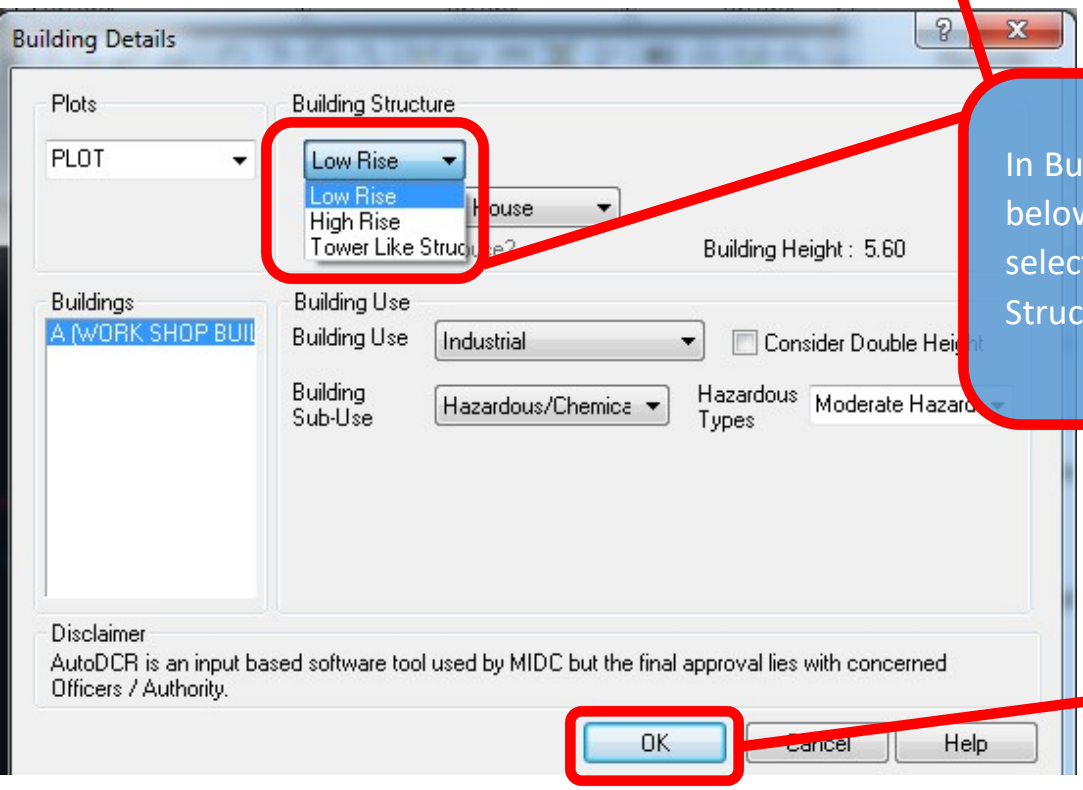


Click on the type Drop down box below Building and Select the type of Building

Click OK

10. Select the type of Building Structure.

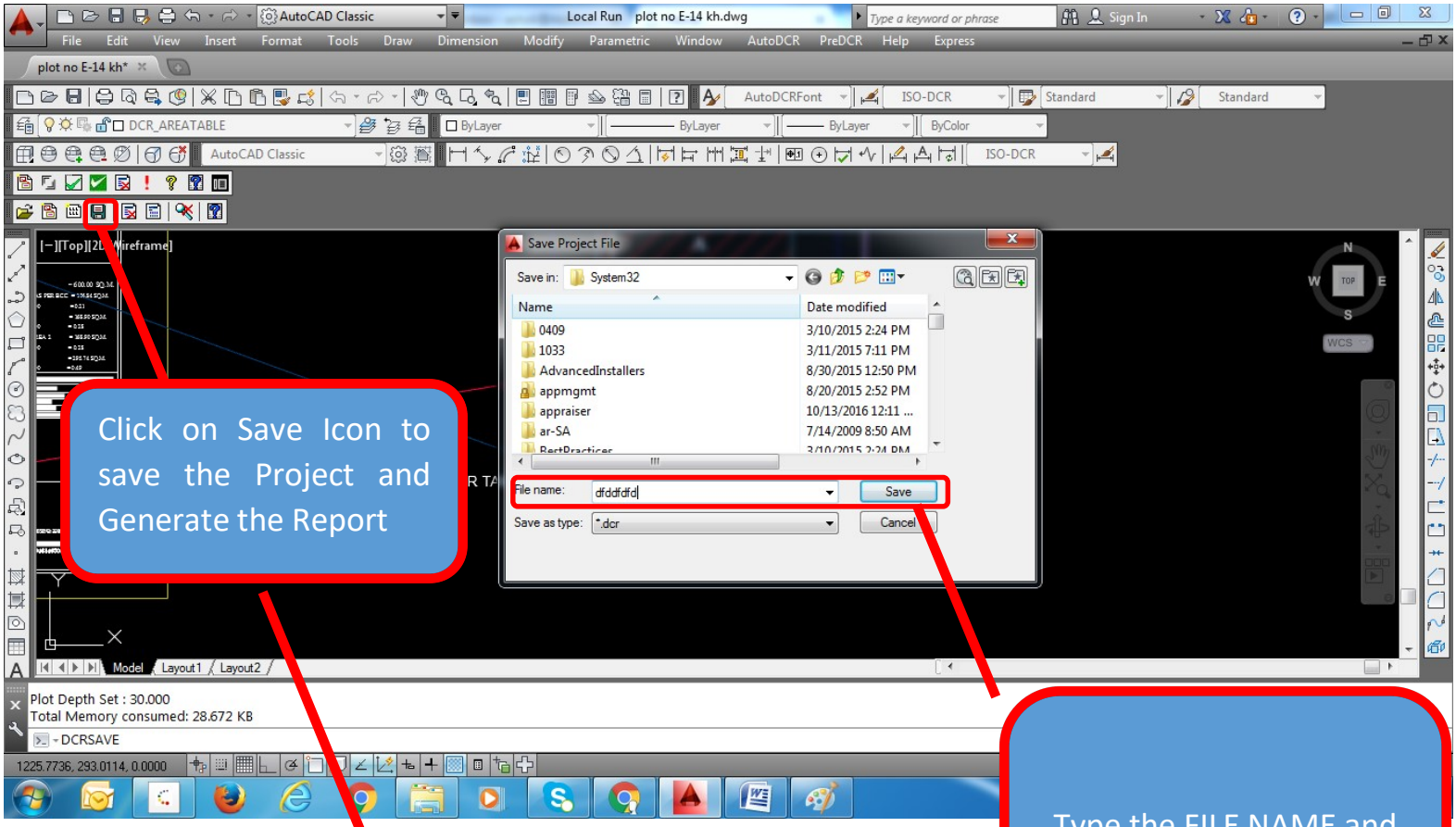




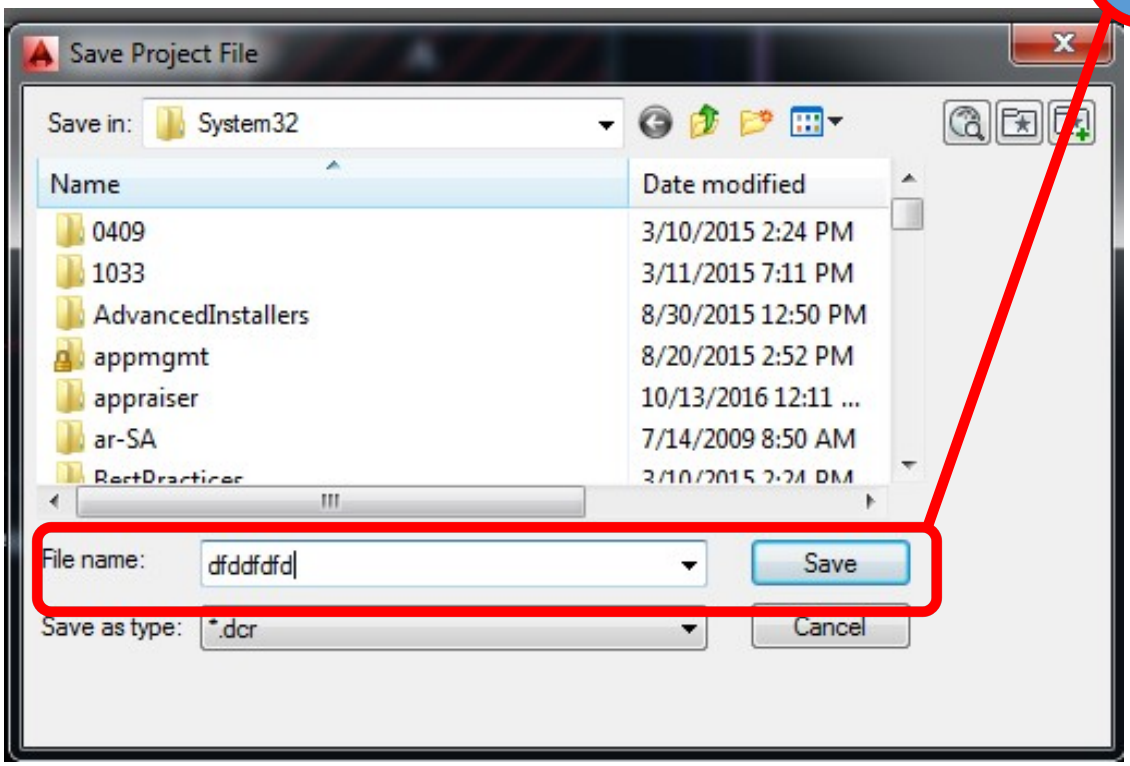
In Building Details click on dropbox below Building Structure and select the type of Building Structure

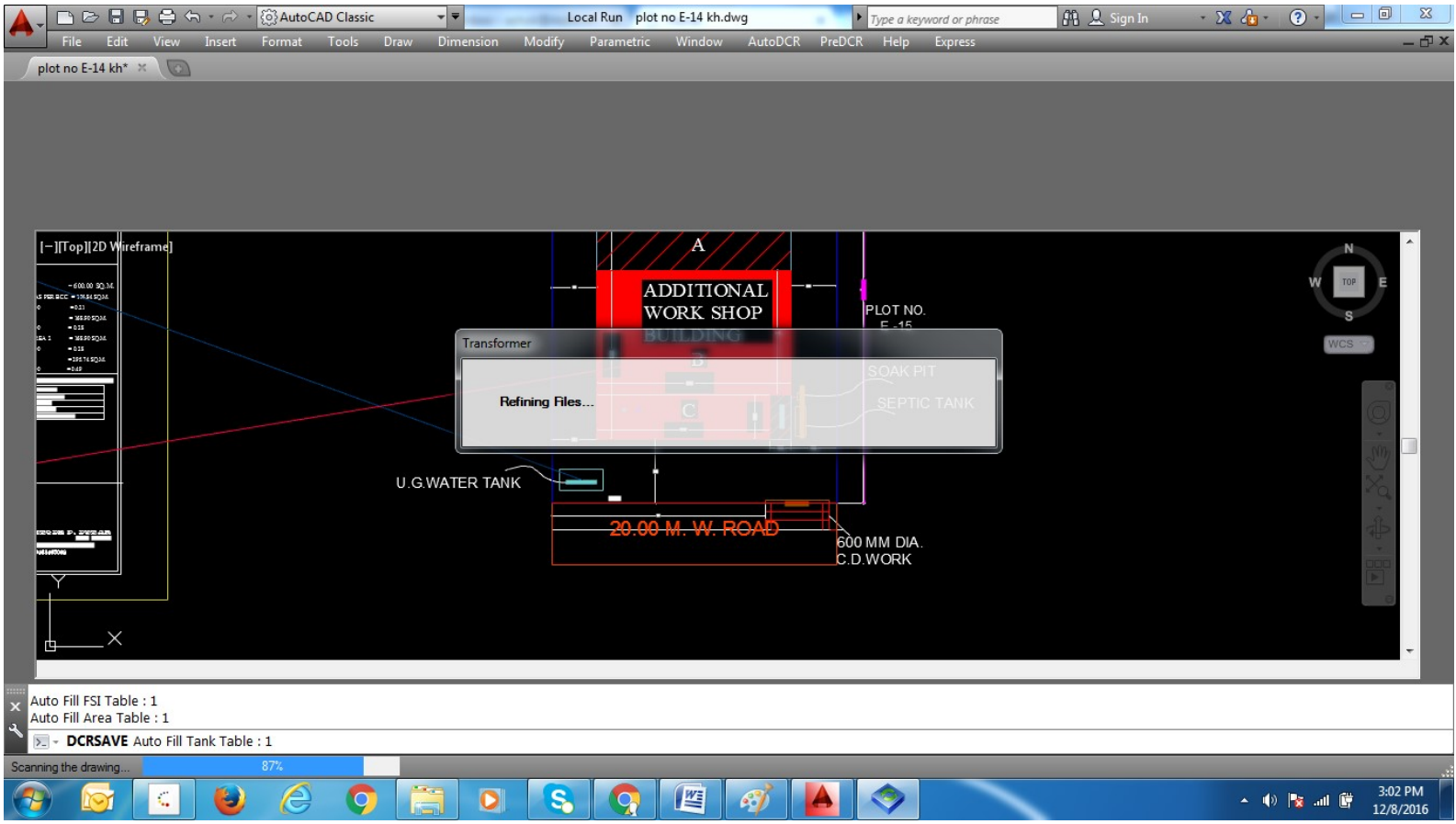
Click OK

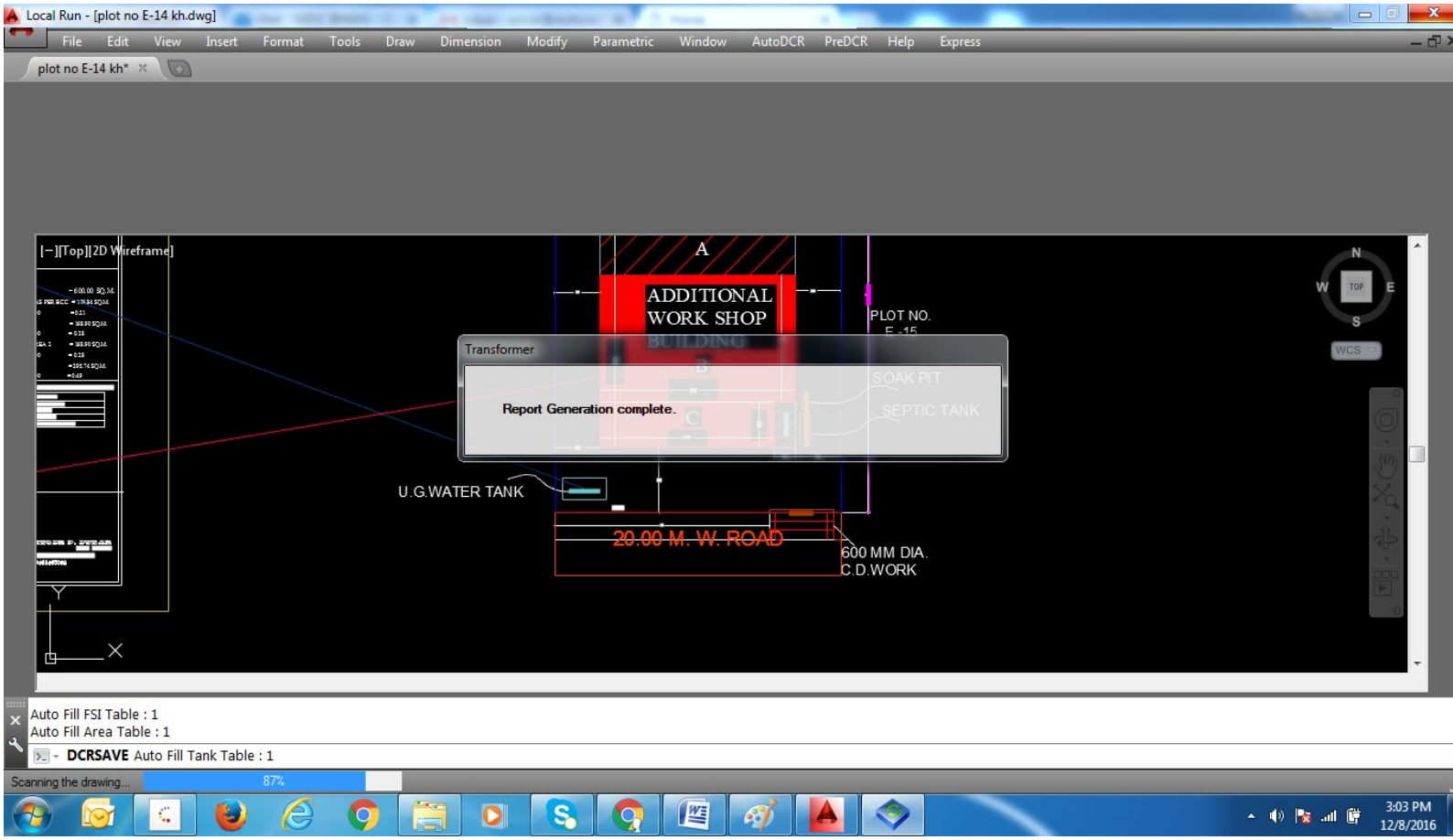
11. Saving and Generating Report



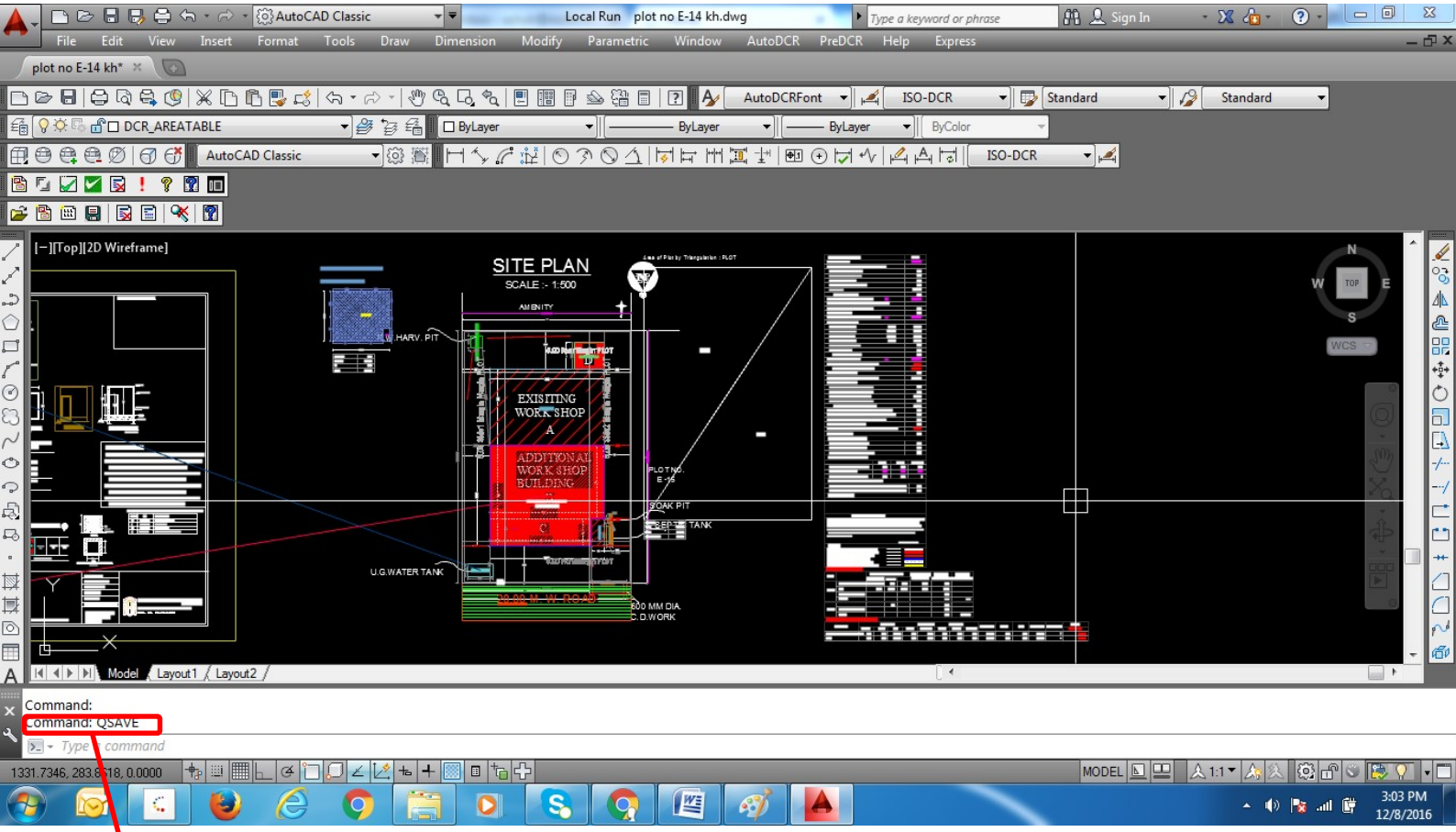
Type the FILE NAME and click on SAVE

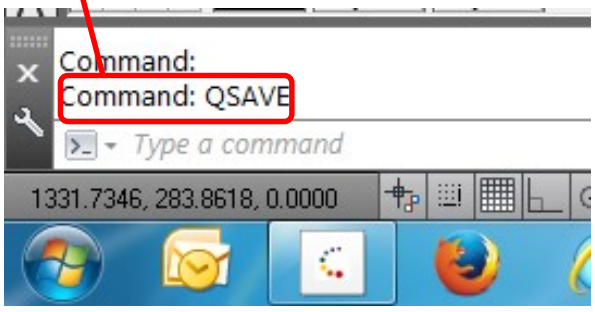



AutoCAD Classic
Local Run plot no E-14 kh.dwg
File Edit View Insert Format Tools Draw Dimension Modify Parametric Window AutoDCR PreDCR Help Express
plot no E-14 kh*
[−][Top][2D Wireframe]
A
ADDITIONAL WORK SHOP
PLOT NO. E -15
Transformer
Refining Files...
SOAK PIT
SEPTIC TANK
U.G.WATER TANK
20.00 M. W. ROAD
600 MM DIA. C.D.WORK
Auto Fill FSI Table : 1
Auto Fill Area Table : 1
DCRSAVE Auto Fill Tank Table : 1
Scanning the drawing...
87%
3:02 PM
12/8/2016


Local Run - [plot no E-14 kh.dwg]
File Edit View Insert Format Tools Draw Dimension Modify Parametric Window AutoDCR PreDCR Help Express
plot no E-14 kh*
[−][Top][2D Wireframe]
A
ADDITIONAL WORK SHOP
PLOT NO. E -15
Transformer
Report Generation complete.
SOAK PIT
SEPTIC TANK
U.G.WATER TANK
20.00 M. W. ROAD
600 MM DIA. C.D.WORK
Auto Fill FSI Table : 1
Auto Fill Area Table : 1
DCRSAVE Auto Fill Tank Table : 1
Scanning the drawing...
87%
3:03 PM
12/8/2016

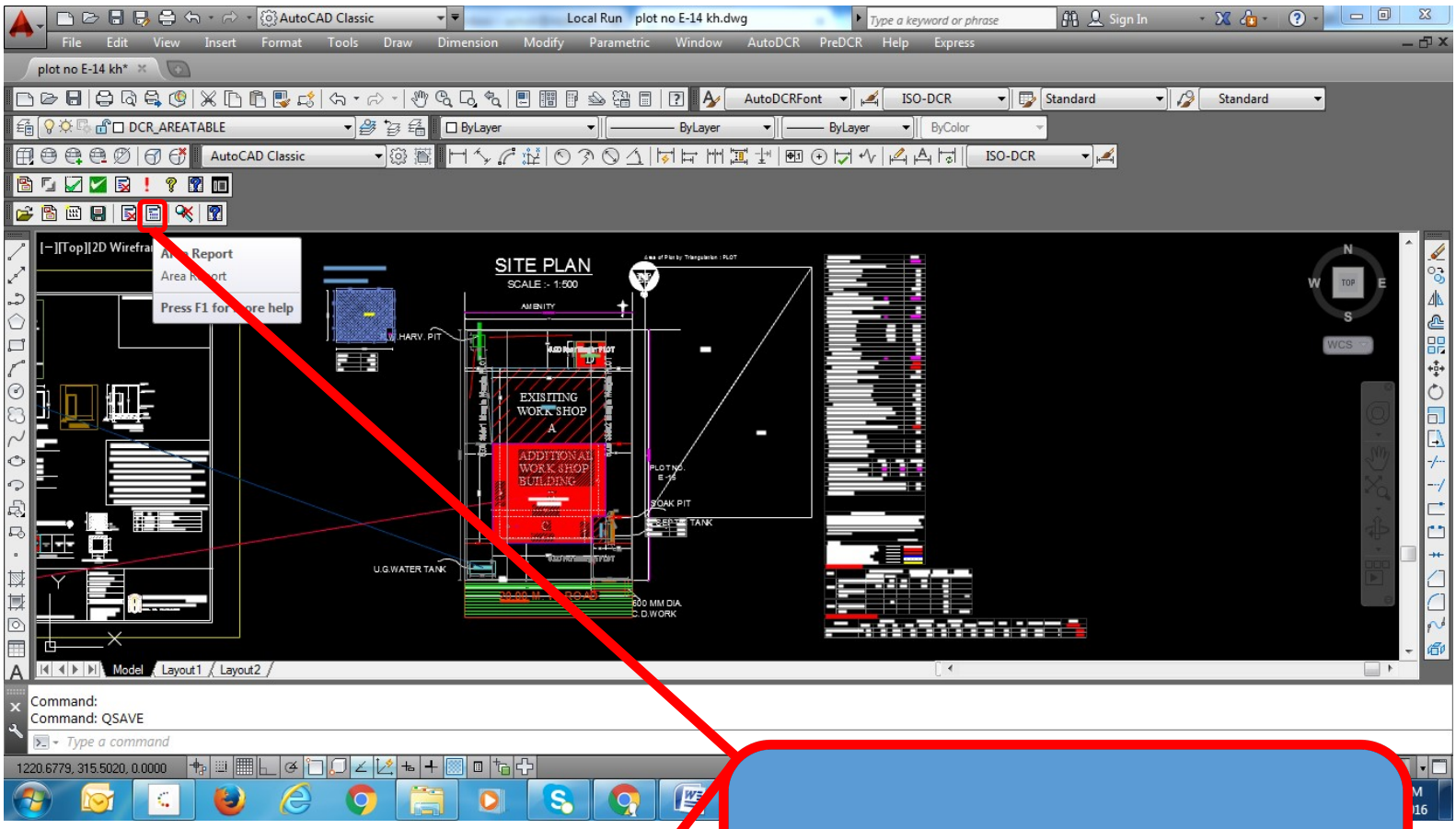
12.Drawing with Automated calculation and Automated Proforma generated



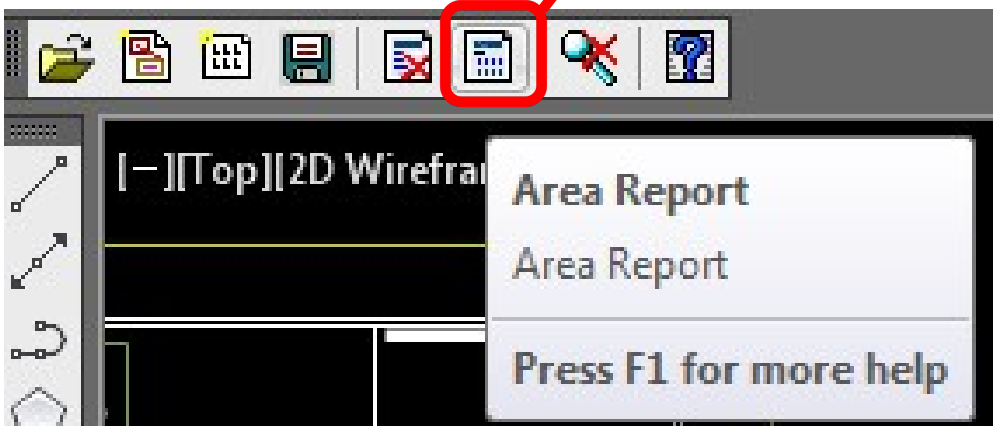


After completion of process it shows **QSAVE** in command line

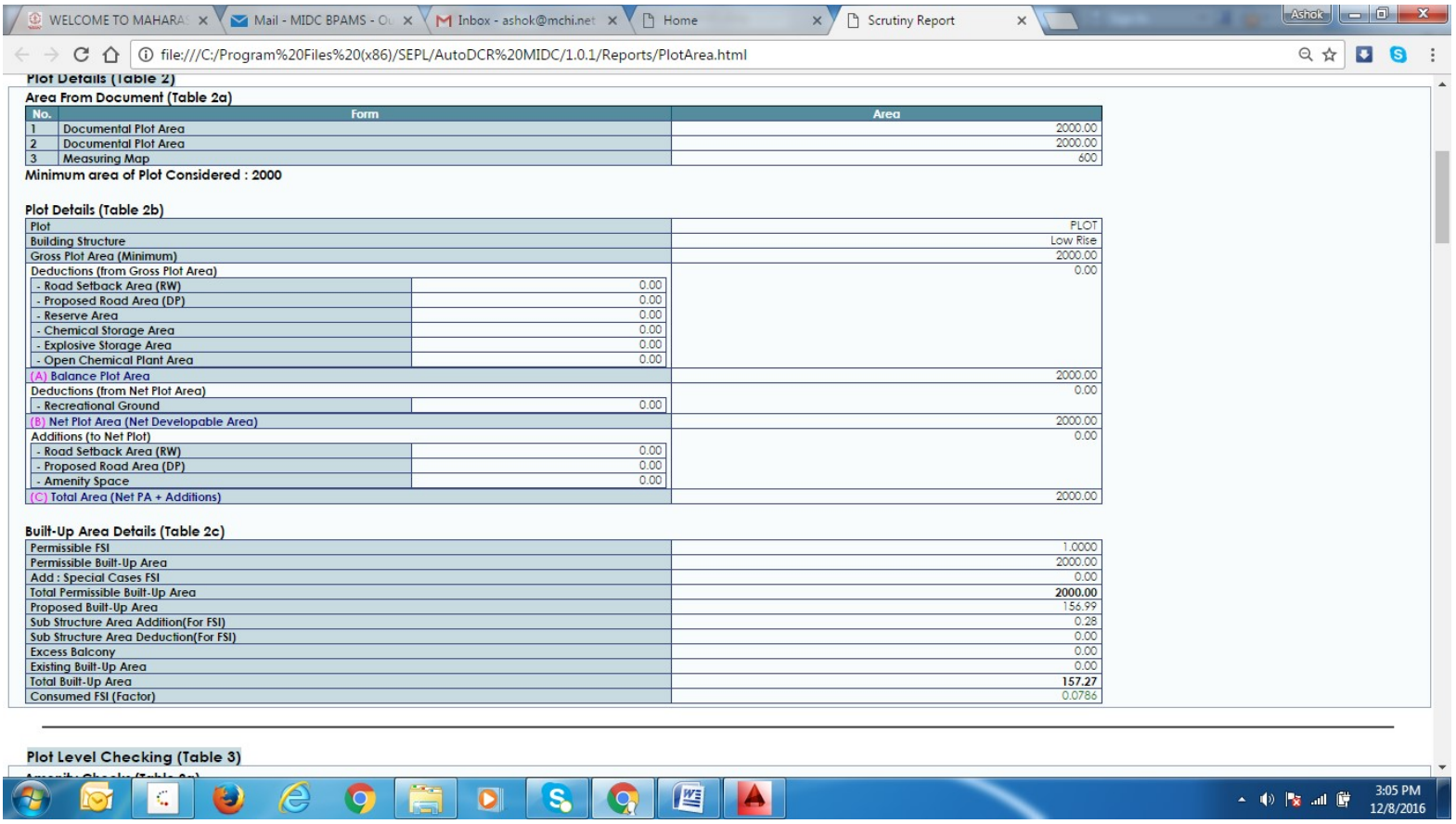
13. Viewing the Scrutiny Report



Click on AREA REPORT icon to view the Scrutiny Report



14.Final Generated Scrutiny Report (with Deviation if any)



WELCOME TO MAHARA | Mail - MIDC BPAMS - Ou | Inbox - ashok@mchi.net | Home | Scrutiny Report

file:///C:/Program%20Files%20(x86)/SEPL/AutoDCR%20MIDC/1.0.1/Reports/PlotArea.html

Plot Details (Table 2)

Area From Document (Table 2a)

No.	Form	Area
1	Documental Plot Area	2000.00
2	Documental Plot Area	2000.00
3	Measuring Map	600

Minimum area of Plot Considered : 2000

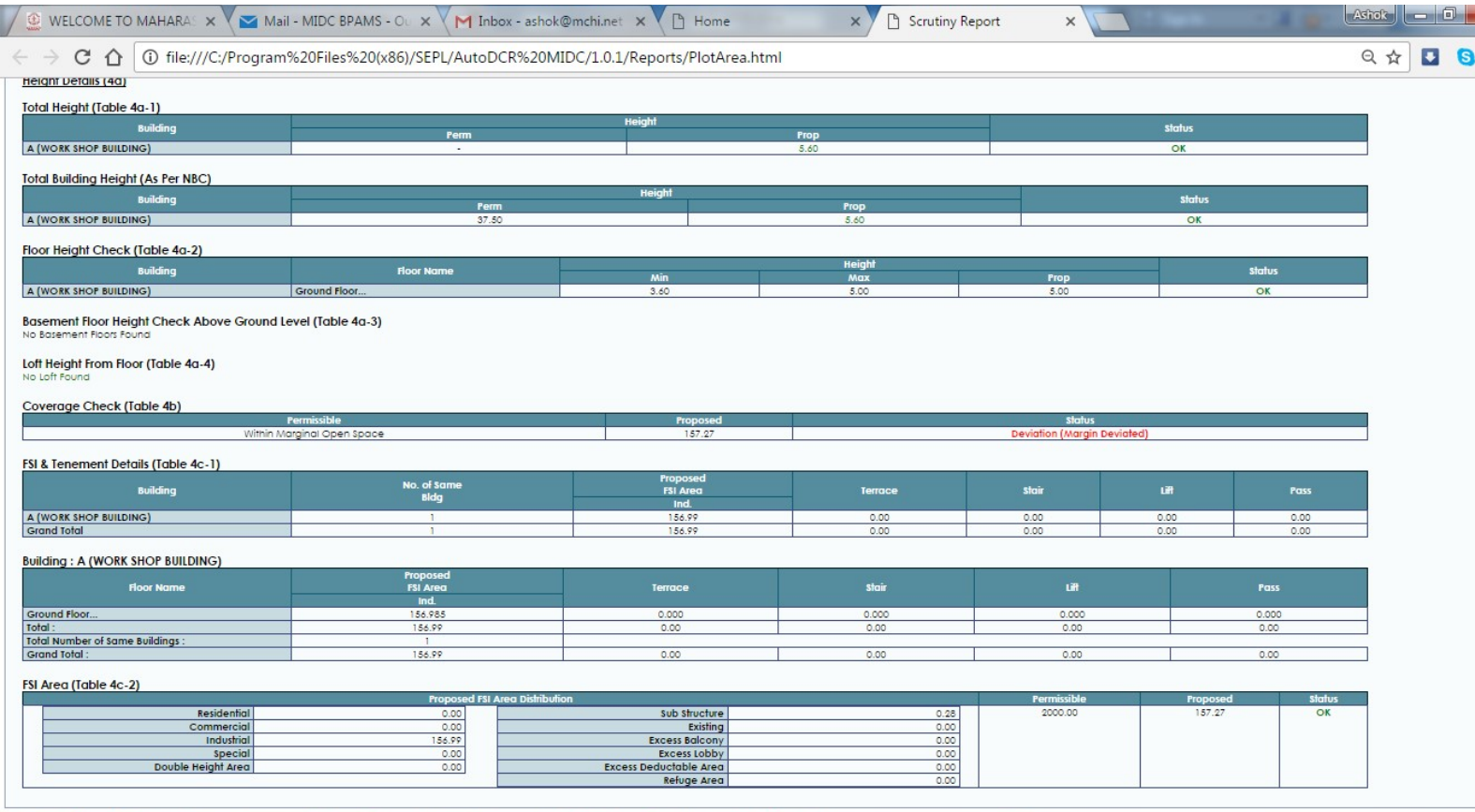
Plot Details (Table 2b)

Plot		PLOT
Building Structure		Low Rise
Gross Plot Area (Minimum)		2000.00
Deductions (from Gross Plot Area)		0.00
- Road Setback Area (RW)	0.00	
- Proposed Road Area (DP)	0.00	
- Reserve Area	0.00	
- Chemical Storage Area	0.00	
- Explosive Storage Area	0.00	
- Open Chemical Plant Area	0.00	
(A) Balance Plot Area		2000.00
Deductions (from Net Plot Area)		0.00
- Recreational Ground	0.00	
(B) Net Plot Area (Net Developable Area)		2000.00
Additions (to Net Plot)		0.00
- Road Setback Area (RW)	0.00	
- Proposed Road Area (DP)	0.00	
- Amenity Space	0.00	
(C) Total Area (Net PA + Additions)		2000.00

Built-Up Area Details (Table 2c)

Permissible FSI	1.0000
Permissible Built-Up Area	2000.00
Add : Special Cases FSI	0.00
Total Permissible Built-Up Area	2000.00
Proposed Built-Up Area	156.99
Sub Structure Area Addition(For FSI)	0.28
Sub Structure Area Deduction(For FSI)	0.00
Excess Balcony	0.00
Existing Built-Up Area	0.00
Total Built-Up Area	157.27
Consumed FSI (Factor)	0.0786

Plot Level Checking (Table 3)



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file:///C:/Program%20Files%20(x86)/SEPL/AutoDCR%20MIDC/1.0.1/Reports/PlotArea.html

Height Details (4a)

Total Height (Table 4a-1)

Building	Height		Status
	Perm	Prop	
A (WORK SHOP BUILDING)	-	5.60	OK

Total Building Height (As Per NBC)

Building	Height		Status
	Perm	Prop	
A (WORK SHOP BUILDING)	37.50	5.60	OK

Floor Height Check (Table 4a-2)

Building	Floor Name	Height			Status
		Min	Max	Prop	
A (WORK SHOP BUILDING)	Ground Floor...	3.60	5.00	5.00	OK

Basement Floor Height Check Above Ground Level (Table 4a-3)

No Basement Floors Found

Loft Height From Floor (Table 4a-4)

No Loft Found

Coverage Check (Table 4b)

Permissible	Proposed	Status
Within Marginal Open Space	157.27	Deviation (Margin Deviated)

FSI & Tenement Details (Table 4c-1)

Building	No. of Same Bldg	Proposed FSI Area	Terrace	Stair	Lift	Pass
		Ind.				
A (WORK SHOP BUILDING)	1	156.99	0.00	0.00	0.00	0.00
Grand Total	1	156.99	0.00	0.00	0.00	0.00

Building : A (WORK SHOP BUILDING)

Floor Name	Proposed FSI Area	Terrace	Stair	Lift	Pass
	Ind.				
Ground Floor...	156.985	0.000	0.000	0.000	0.000
Total :	156.99	0.00	0.00	0.00	0.00
Total Number of Same Buildings :	1				
Grand Total :	156.99	0.00	0.00	0.00	0.00

FSI Area (Table 4c-2)

Proposed FSI Area Distribution				Permissible	Proposed	Status
Residential	0.00	Sub Structure	0.28	2000.00	157.27	OK
Commercial	0.00	Existing	0.00			
Industrial	156.99	Excess Balcony	0.00			
Special	0.00	Excess Lobby	0.00			
Double Height Area	0.00	Excess Deductable Area	0.00			
		Refuge Area	0.00			

Margin Checks (Table 5)

Plot Margin (Table 5a)

Building / Wing	Front Side		Rear Side		Side1 Side		Side2 Side		Status
	Req.	Prop.	Req.	Prop.	Req.	Prop.	Req.	Prop.	
A-1 (WORK SHOP BUILDING)	5.00	4.50	5.00	13.69	5.00	3.20	5.00	3.20	Deviation

Building To Building Margin Check (Table 5b)
Building To Building Margins check not Required

Other Margin Check (Table 5c)
Other Margin Checks are OK

Margin From Physical Features Check (Table 5d)
No Physical Feature Found

Inner Building Details (Table 6)

Artificial Ventilation Shaft Details (Table 6a)
No Artificial VShafts Found

Balcony Check (Table 6b)
No Balcony Found.

Failed Passage Detail(Table 6c)
No Passage Found

Lift Details (Table 6d)
No Lift Found

Tenements Details (Table 6e)

Building	Tenements					
	Comm	Resi				
	0	0-45	45-60	60-100	>100	Total
A (WORK SHOP BUILDING)	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0

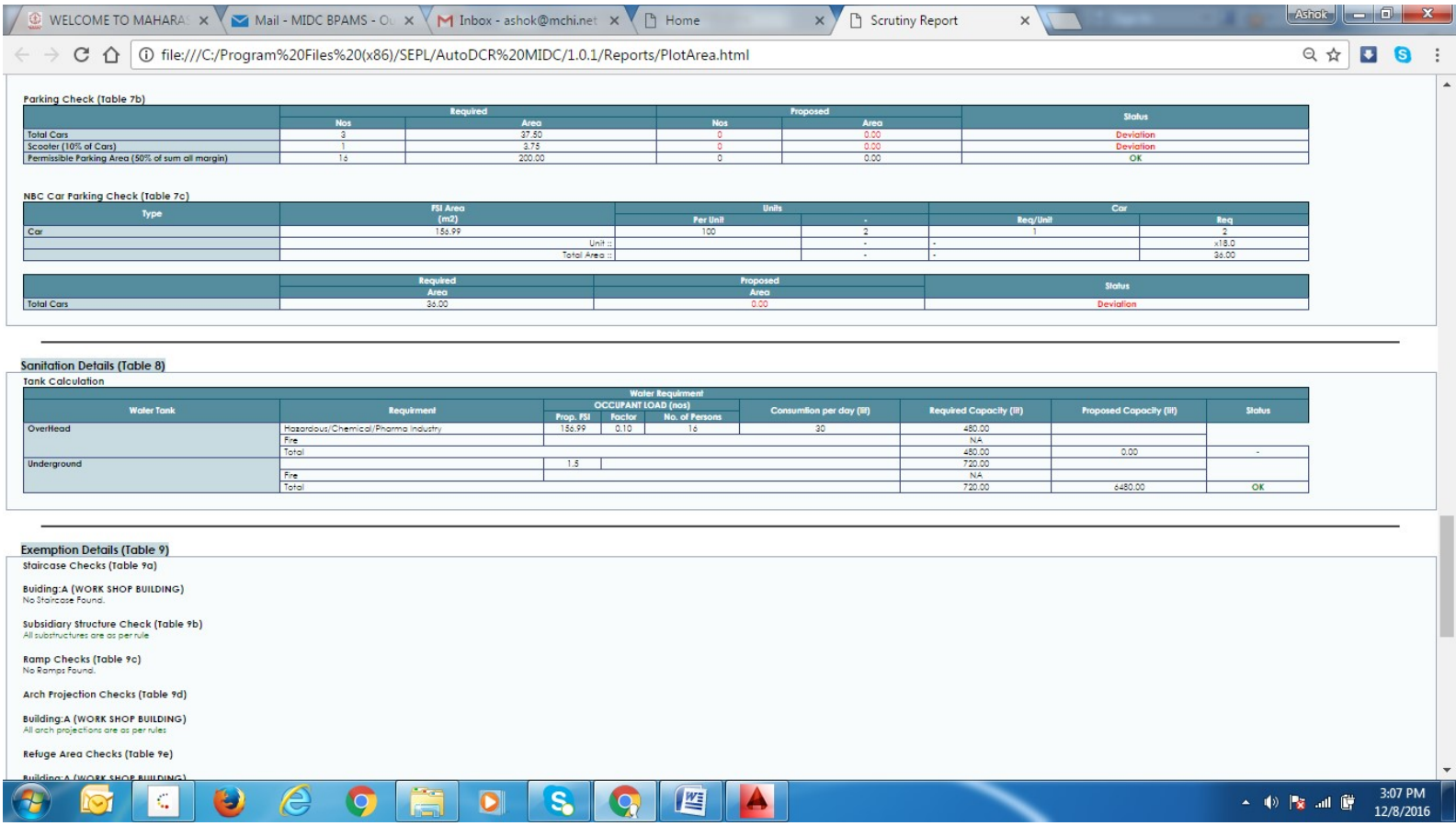
Tenements Density Check (Table 6f)

No Of Tenements	Required		Permissible		Proposed	Status
For Plot	NA	NA	NA	NA	0	OK

Parking Details (Table 7)

Required Parking From Rules (Table 7a) .

Type	Carpet Area/FSI (m2)	Units		Car		Scooter		Cycle	
		Per Unit	-	Req/Unit	Req	Req/Unit	Req	Req/Unit	Req
Industrial	157.27	200	1	1	2	0	0	0	0
	Visitor Parking ::		-	-	1	-	-	-	-
	Total ::		-	-	4	-	0	-	0
	Total Area ::		-	-	37.50	-	3.75	-	0.00



Parking Check (Table 7b)

	Required		Proposed		Status
	Nos	Area	Nos	Area	
Total Cars	3	37.50	0	0.00	Deviation
Scooter (10% of Cars)	1	3.75	0	0.00	Deviation
Permissible Parking Area (50% of sum all margin)	16	200.00	0	0.00	OK

NBC Car Parking Check (Table 7c)

Type	FSI Area (m2)	Units		Car	
		Per Unit	-	Req/Unit	Req
Car	156.99	100	2	1	2
	Unit ::		-	-	x18.0
	Total Area ::		-	-	36.00

	Required	Proposed	Status
	Area	Area	
Total Cars	36.00	0.00	Deviation

Sanitation Details (Table 8)

Tank Calculation

Water Tank	Requirment	Water Requirment						
		OCCUPANT LOAD (nos)			Consumtion per day (lit)	Required Capacity (lit)	Proposed Capacity (lit)	Status
		Prop. FSI	Factor	No. of Persons				
OverHead	Hazardous/Chemical/Pharma Industry	156.99	0.10	16	30	480.00		
	Fire					NA		
	Total					480.00	0.00	-
Underground		1.5				720.00		
	Fire					NA		
	Total					720.00	6480.00	OK

Exemption Details (Table 9)

Staircase Checks (Table 9a)

Buiding:A (WORK SHOP BUILDING)
No Staircase Found.

Subsidiary Structure Check (Table 9b)
All substructures are as per rule

Ramp Checks (Table 9c)
No Ramps Found.

Arch Projection Checks (Table 9d)

Building:A (WORK SHOP BUILDING)
All arch projections are as per rules

Refuge Area Checks (Table 9e)

Building:A (WORK SHOP BUILDING)

Thank You

Maharashtra Chamber of Housing Industry

Address : Maker Bhavan - II, 4th Floor,

18, V. Thackersey Marg,

New Marine Lines, Mumbai 400020

Tel : +91-22-42121421

Fax : +91-22-42121411

Email: autodcr@mchi.net

web : www.mchi.net