

(2) Menu bar (Draw) }
 (3) Command window }
 Any command can be called in these three ways.

l/L \rightarrow line command active \rightarrow $\langle \rangle$

$(0,0)$ $(r,\theta) = (5, 60^\circ)$

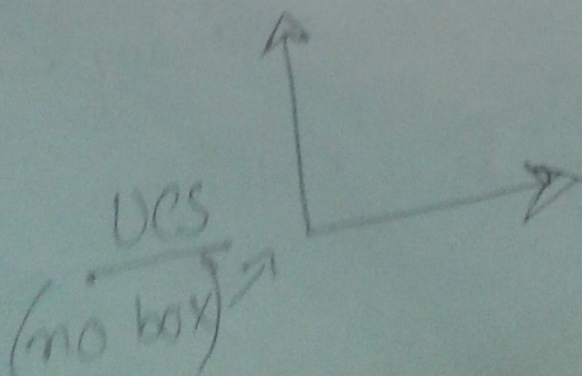
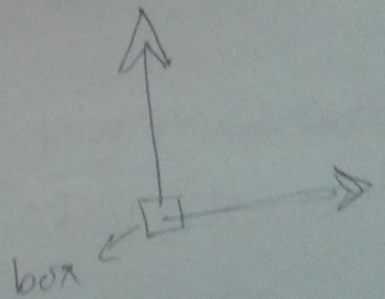
\downarrow
 shift + $\langle \rangle$ [shift + comma = $\langle \rangle$]

Absolute
 Relative \rightarrow

First select any point with line command then press $\langle @10,0 \rangle$ for point $(10,0)$ with wpt selected point.

oblique line \rightarrow UCS \rightarrow enter \rightarrow 'ob' enter.

$\langle \square \rangle$
 \downarrow
 by default



- (1) Draw toolbar
- (2) Menu bar (Draw)
- (3) Command window

Any command can be called in these three ways.

l/L Line command active 22/1

$$(0,0) \quad (r,\theta) = (5, 60^\circ)$$

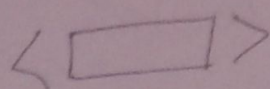
↓
 shift + , [shift + comma = <]
 (<)

Absolute

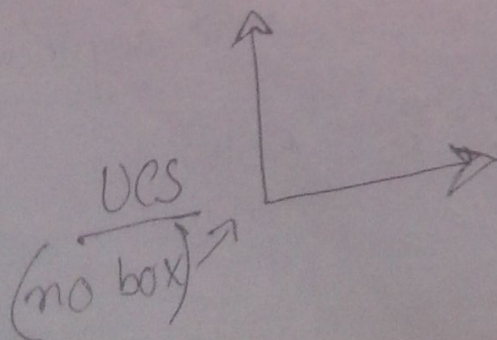
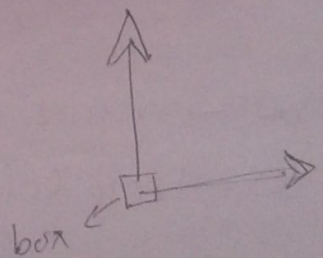
Relative

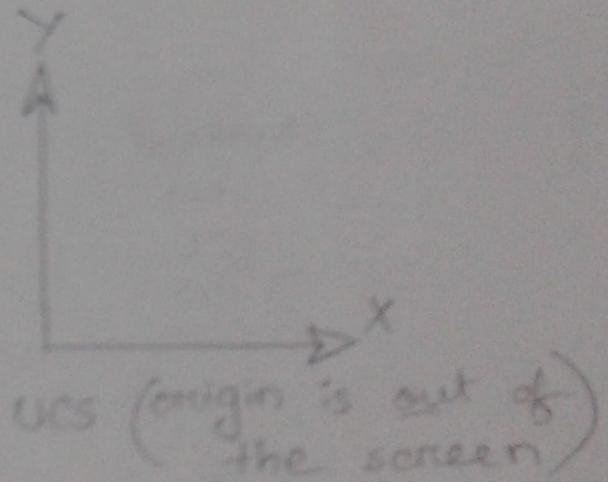
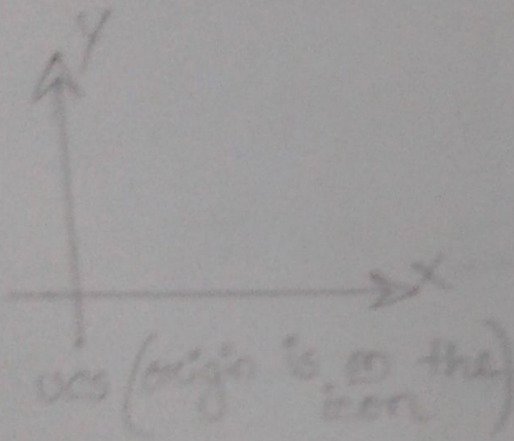
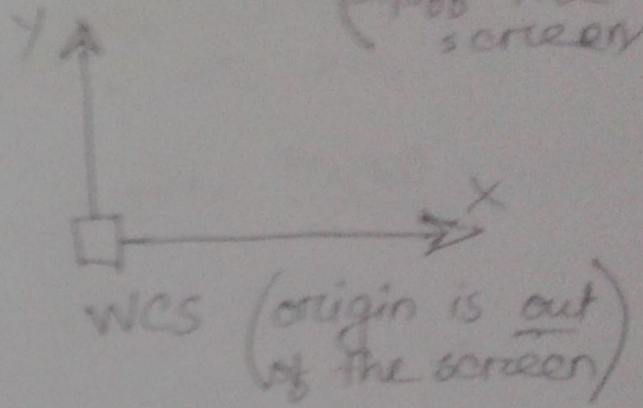
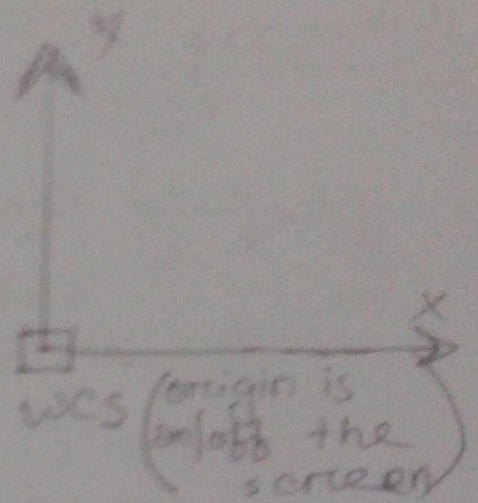
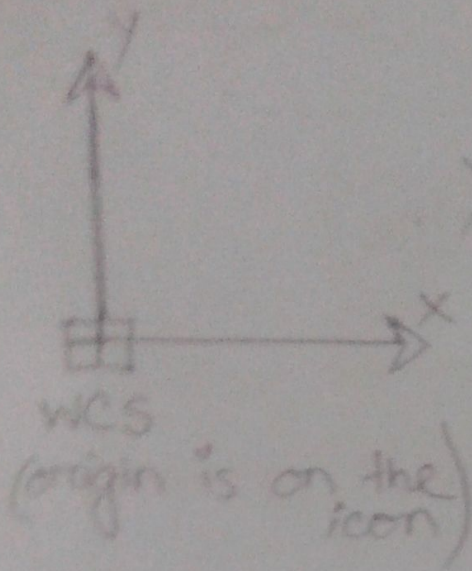
→ First select any point with line command then press @10,0/ for point (10,0) wrt selected point.

oblique line → UCS → enter → 'ob' enter.



↓
by default





UCS → To obj → New UCS → Object

21/01/2013

Monday

Perfectly Horizontal }
or " Vertical } द्वारा क्लिक select ortho
line

Draw lines.

line पर mid/end etc point पर क्लिक

OSNAP settings.

Standard
bar

Pan realtime
Zoom "
" window

Polyline

21/01/2013

Monday

Perfectly Horizontal }
or " line } द्वारा क्लिक select ortho
Vertical }

Draw lines.

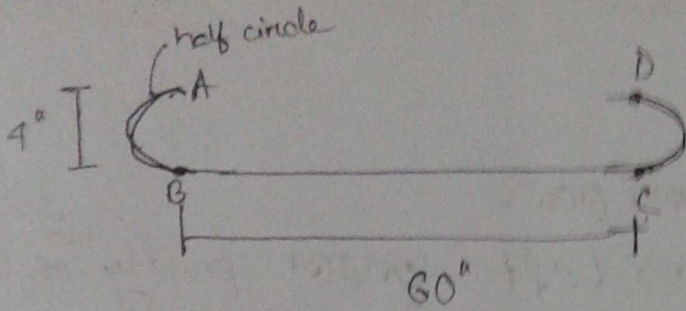
line पर mid/end etc point पर क्लिक

OSNAP settings.

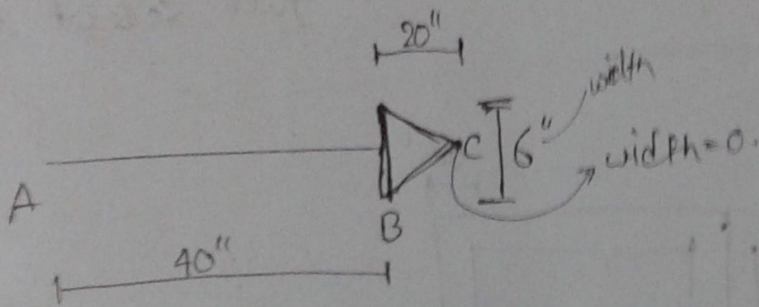
Standard
bar

Pan realtime
Zoom u
u window

Polyline



a → enter → ce → enter → @ 0, -2 → @ 0, -2 → l → enter → @ 60, 0
 @ 0, 2 ← @ 0, 2 ← enter ← ~~ce~~ ← enter ← a ←



pline → select point → l → enter → 40 → enter → w → enter → 6 → enter → 0 → 20 enter

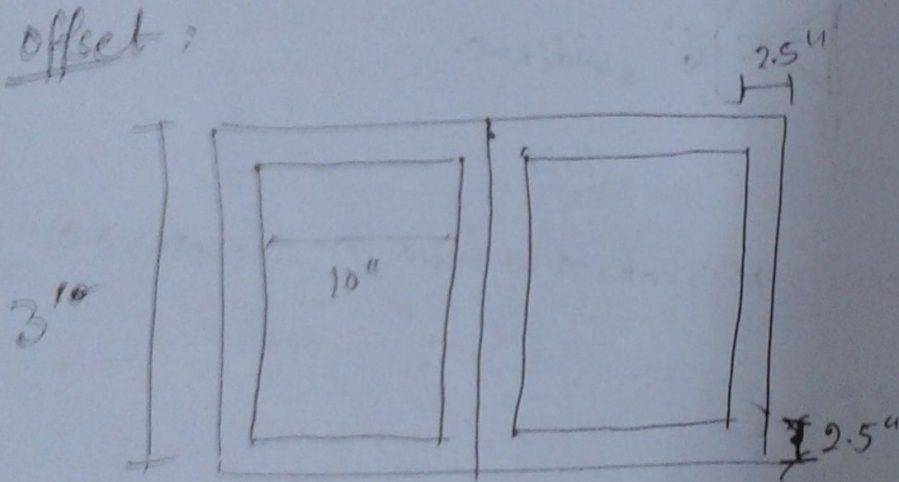
polygon circle

Modify ⇒ { Copy
 Barc ⇒ { Mirror
 Erase
 Arcify, Mirror.

Erase → Mouse click করে বসে -
 Left Right → Left
 Left → Right

আমরা partly object select
 করলে full
 select হয়।
 " partly obj. select করলে
 full select হয় না।
 full select করতে হয়

Offset :



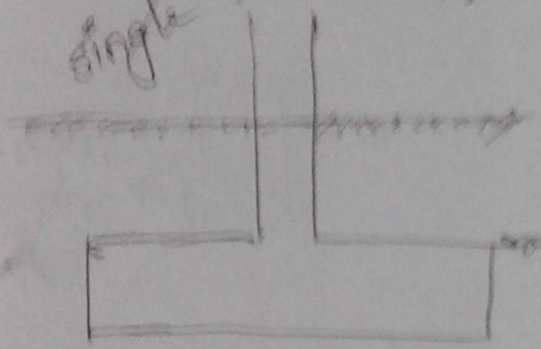
Trim, Extend,

* Drawing limit কমানো হয়নি

Erase Copy
 Offset, Trim,
 Extend; Mirror

25/10/2019

single foundation/footing



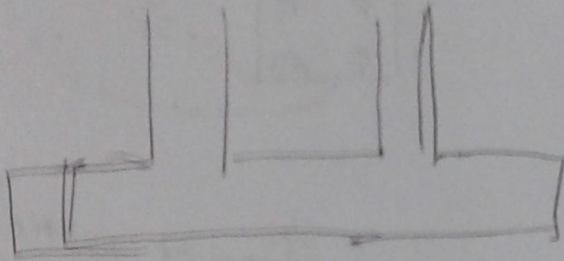
load/stress of build.

Bearing capacity of the soil.

Size of foundation depends on

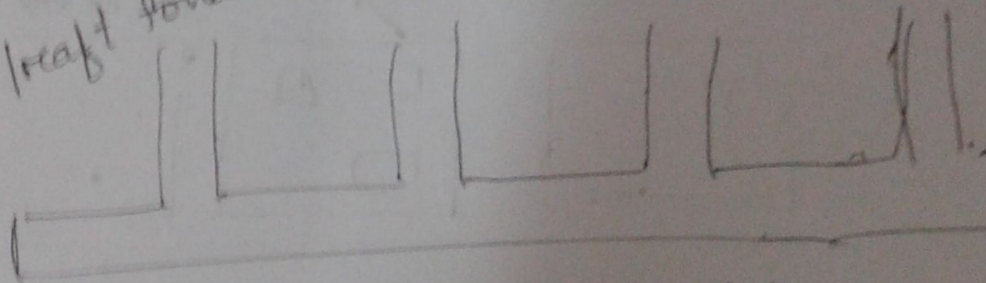
soil strength etc.

combined footing/foundation.



3

raft/creep foundation.



in full building only 1 foundation.

गर्भित्तक षणो → sub-structure

उपरो → super "

shallow foundations

excavate



CP.



Build the formwork.



Rod लगाना है,



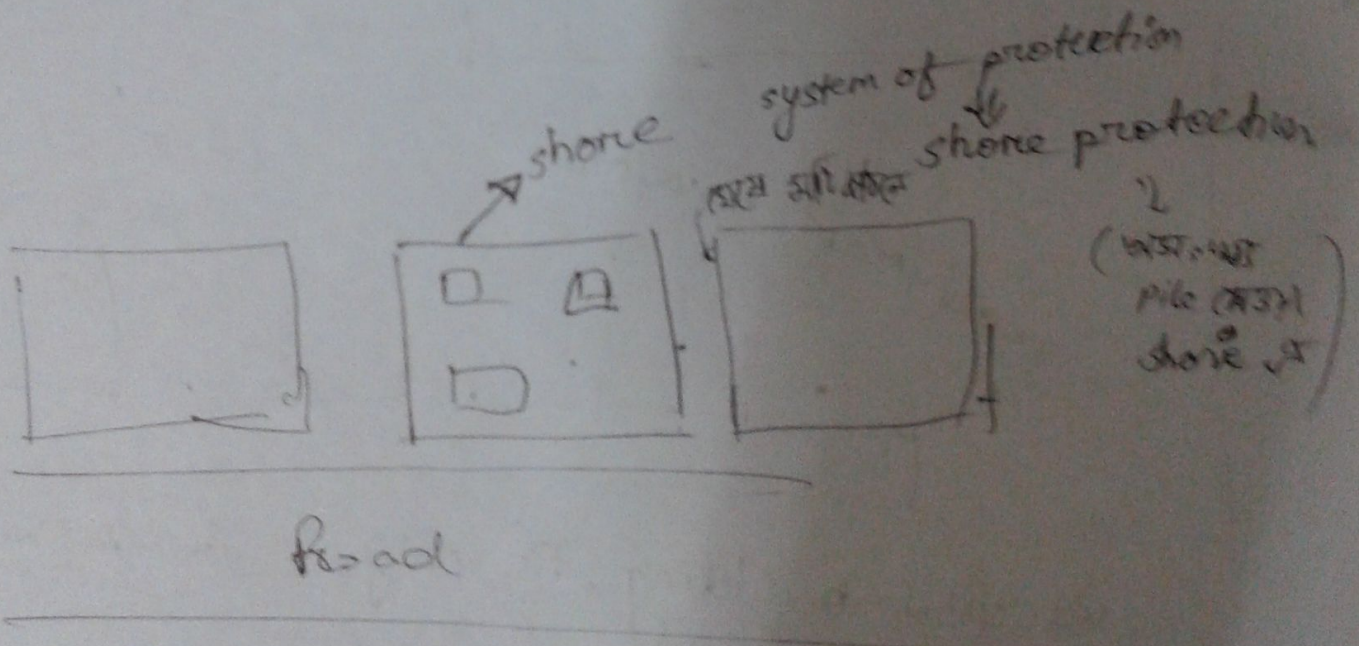
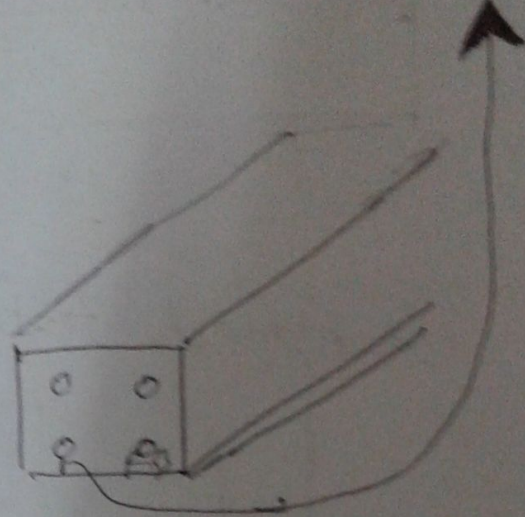
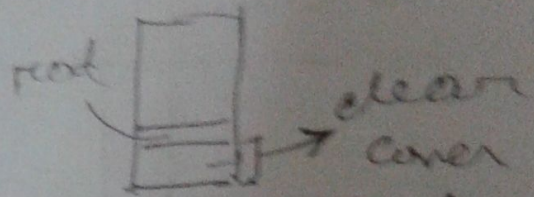
Column rod लगाना है



Border support

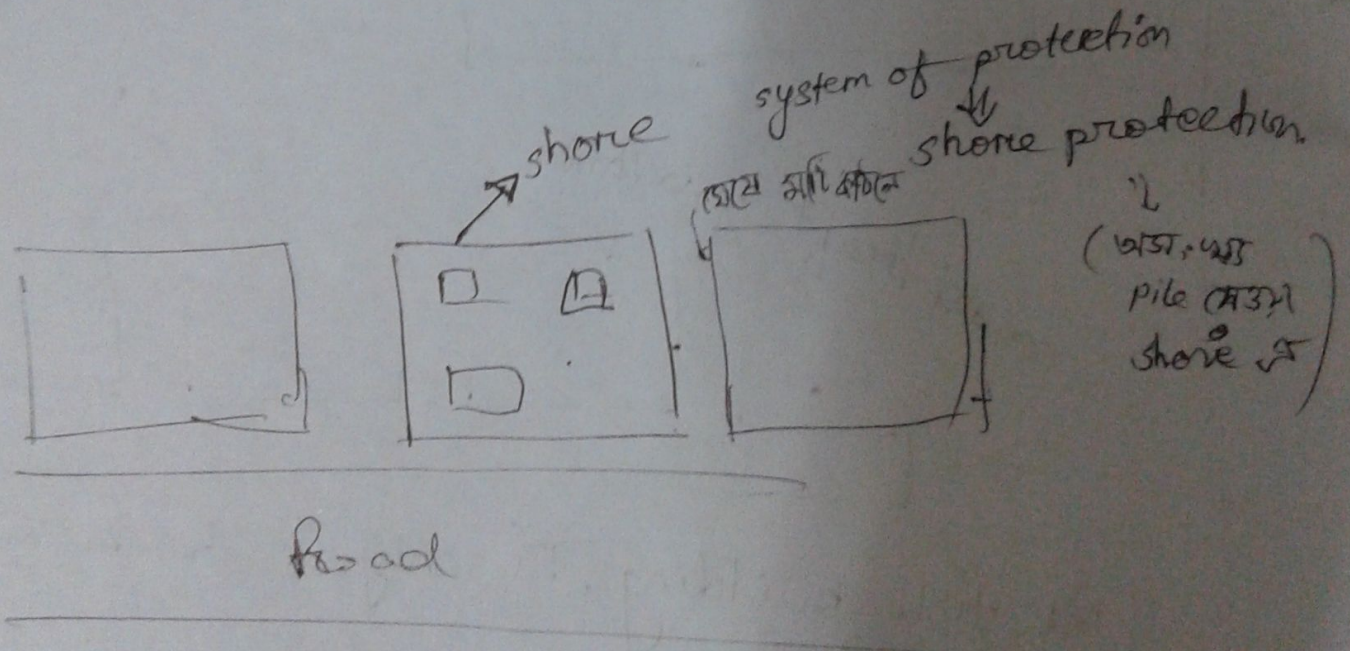
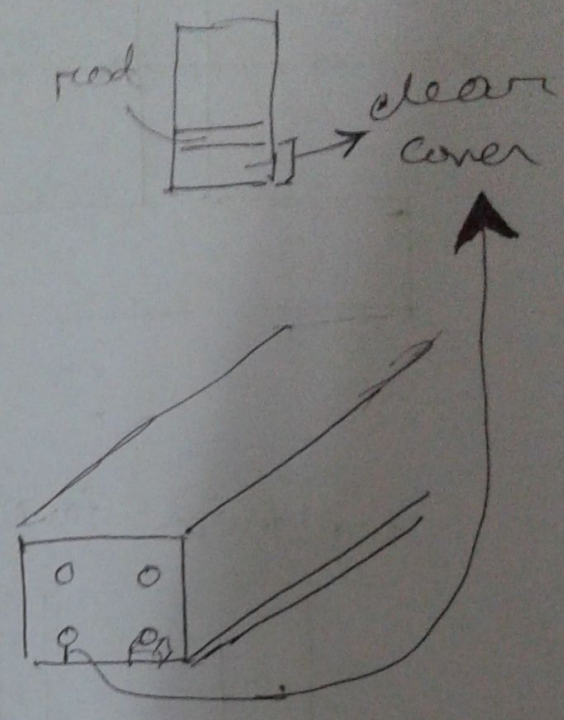


concrete.

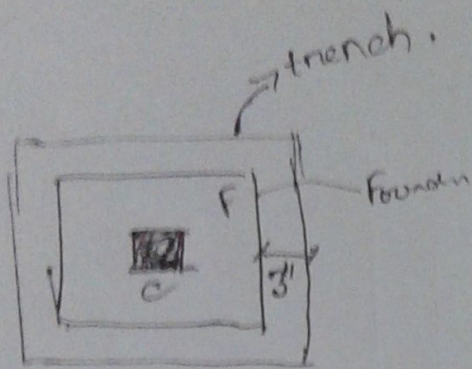


Very deep Foundation (20 to 70' or more) => Deep foundation

excavate
 ↓
 cc.
 ↓
 Build the formwork.
 ↓
 Rod लड्डाई इस्,
 ↓
 Column rod लड्डाई इस्
 ↓
 Border support
 ↓
 concrete.

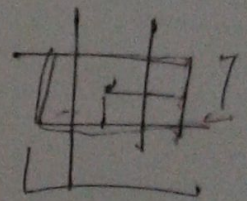


very deep Foundation (60 70' on) => Deep foundation



Plot \rightarrow 574 visible but print only 278 layer
 print 278 layer

Plan view, }
 Front view } H.W. ϕ
 Section }
 Assignment }



Tuesday

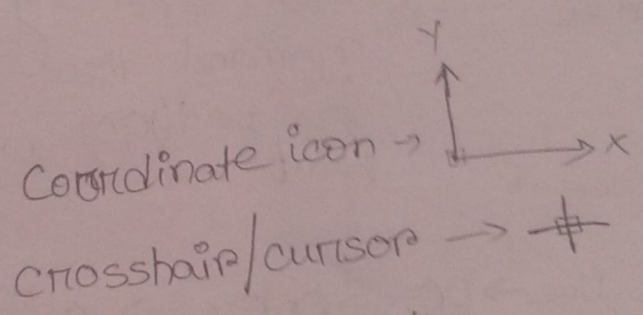
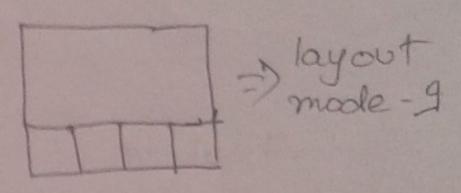
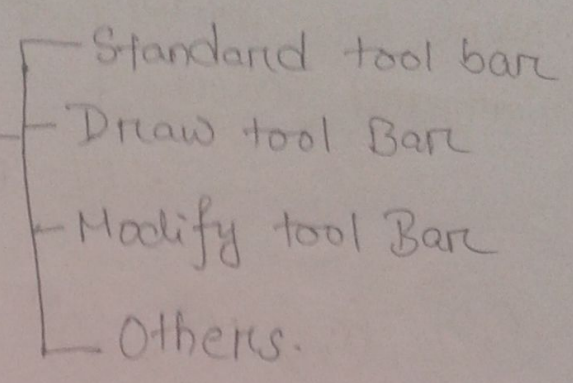
CE-102

AutoCAD

19/08/11/13

Folder -> CE 102 B1 Nov 13.

- (1) Title Bar
- (2) Menu Bar
- (3) Tool Bar
- (4)
- (4) Drawing area.
- (5) Layout/Model Tab
- (6) Command window
- (7) Status Bar



- Cartesian co-ordinate system
- Polar " " (r, θ)

- WCS -> World co-ordinate system
 - UCS -> User-defined " "
- axes -> any direction
-

To bring views within screen -> z enter a enter