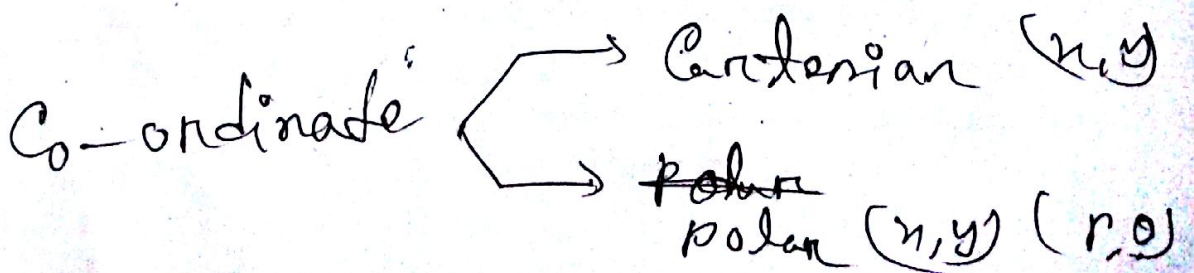


- ① Title Bar
- ② Menu Bar
- ③ Tool Bar
 - Standard Tool Bar
 - Draw Tool Bar
 - Modify Tool Bar
 - Others
- ④ Drawing Area
- ⑤ Model / Layout Tab
- ⑥ Command Window
- ⑦ Status Bar

Co-ordinate icon

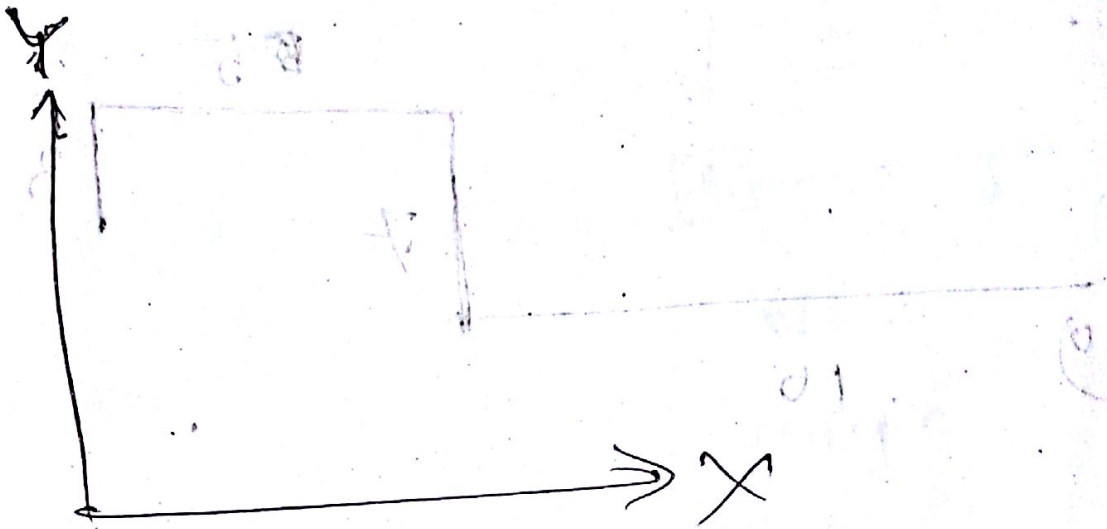
Currs up / class hour



WCS : World Coordinate

UCS : User defined

co-ordinate system



① Draw Bar

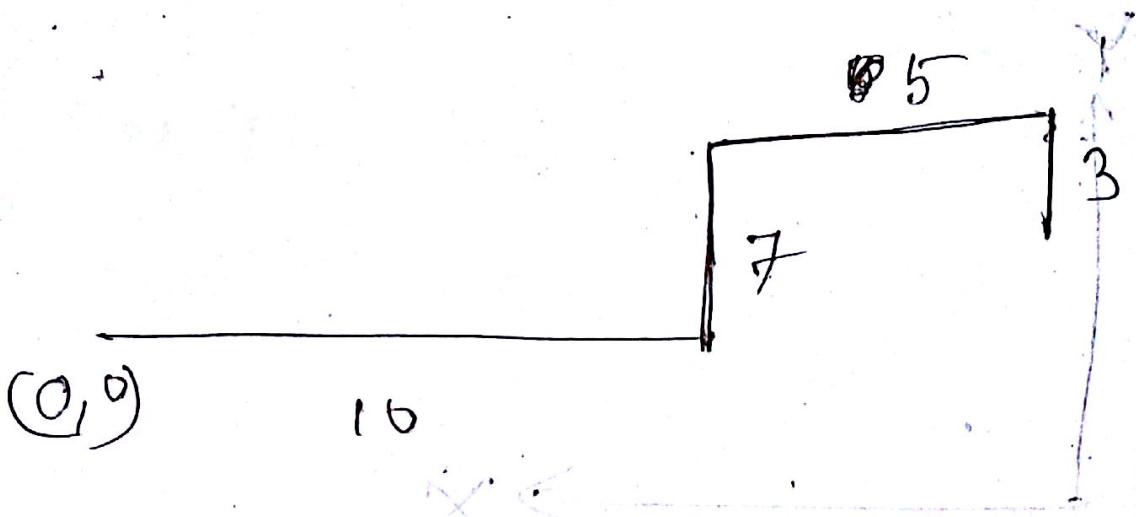
② Menu Bar (Draw)

③ Command window

$(0,0)$

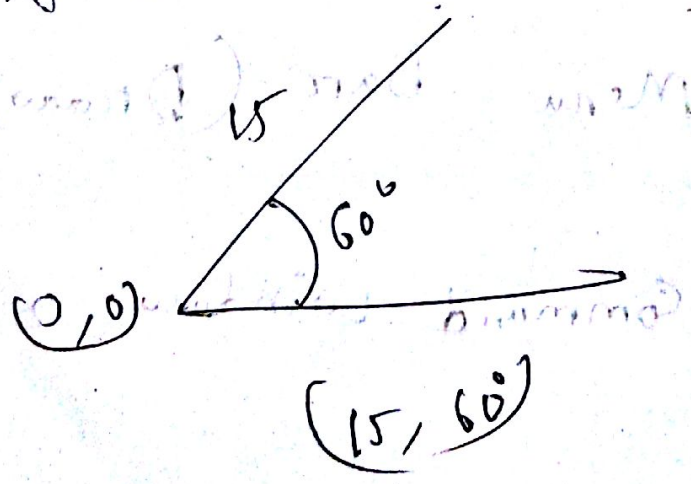
$(15,10)$

$$\sqrt{15^2 + 10^2} = x$$



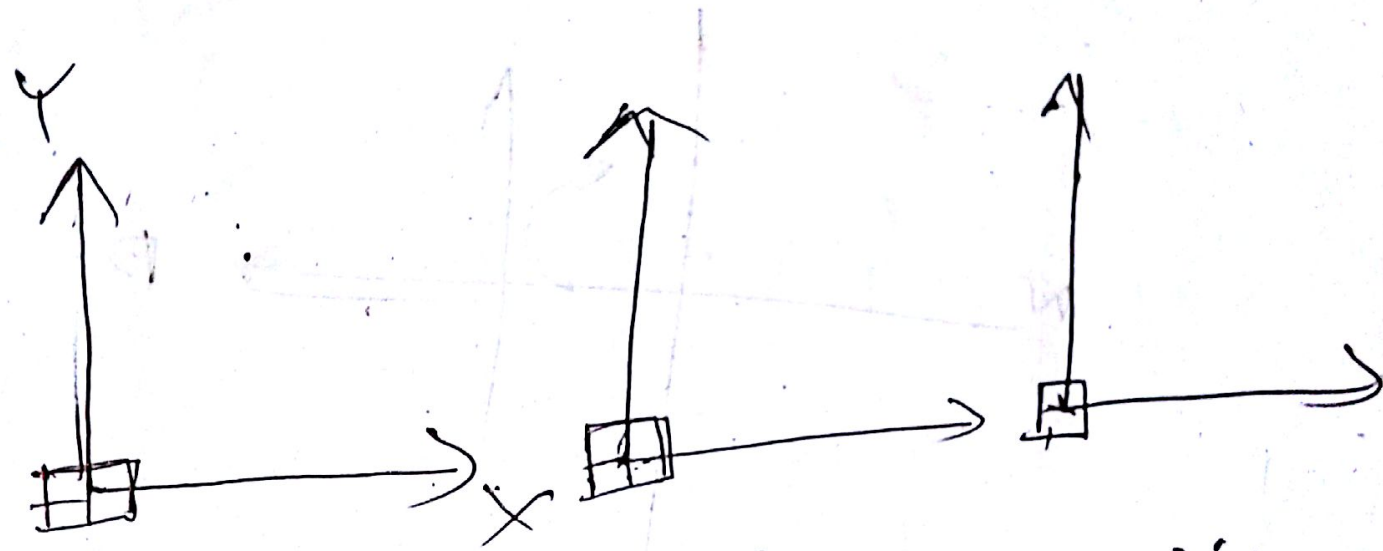
Z enden

A enden





Absolute Relative



WCS
Origin is
located
on
icon

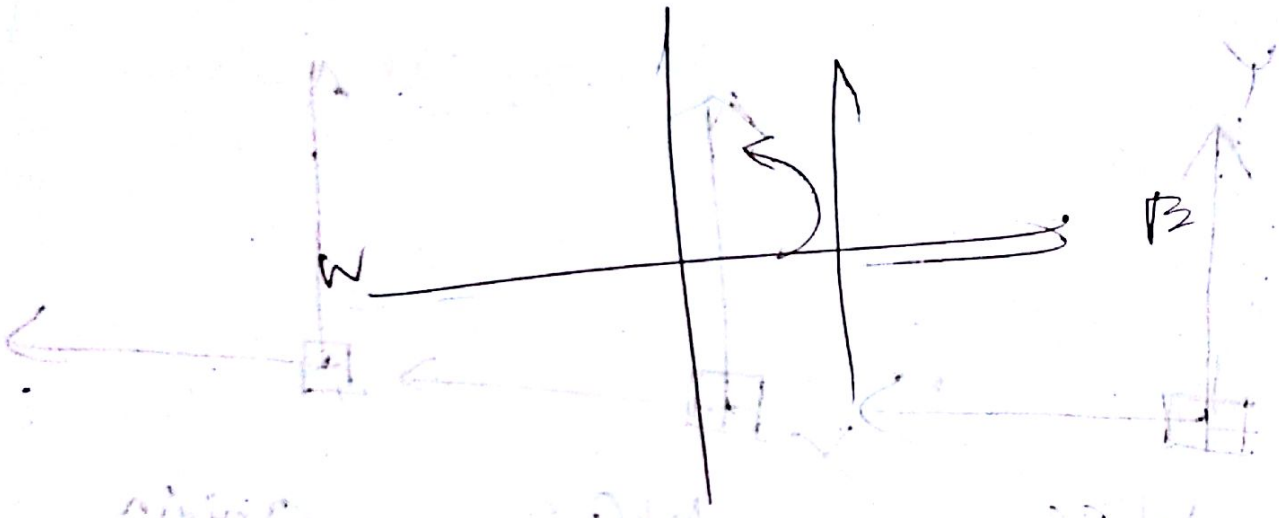
WCS
Origin
is
outside
the
screen

Origin
is
on/off
the screen

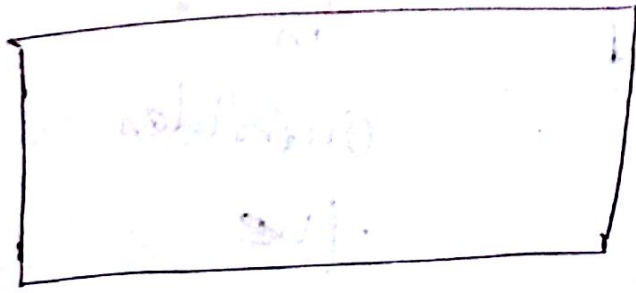
25-11-13

Handwritten text, possibly a name or title.

Handwritten text, possibly a name or title.



Handwritten notes on the left side of the page, including a large '2' and some illegible text.

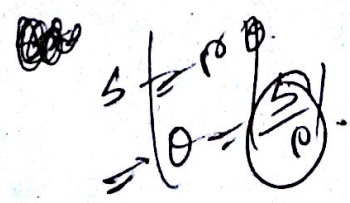
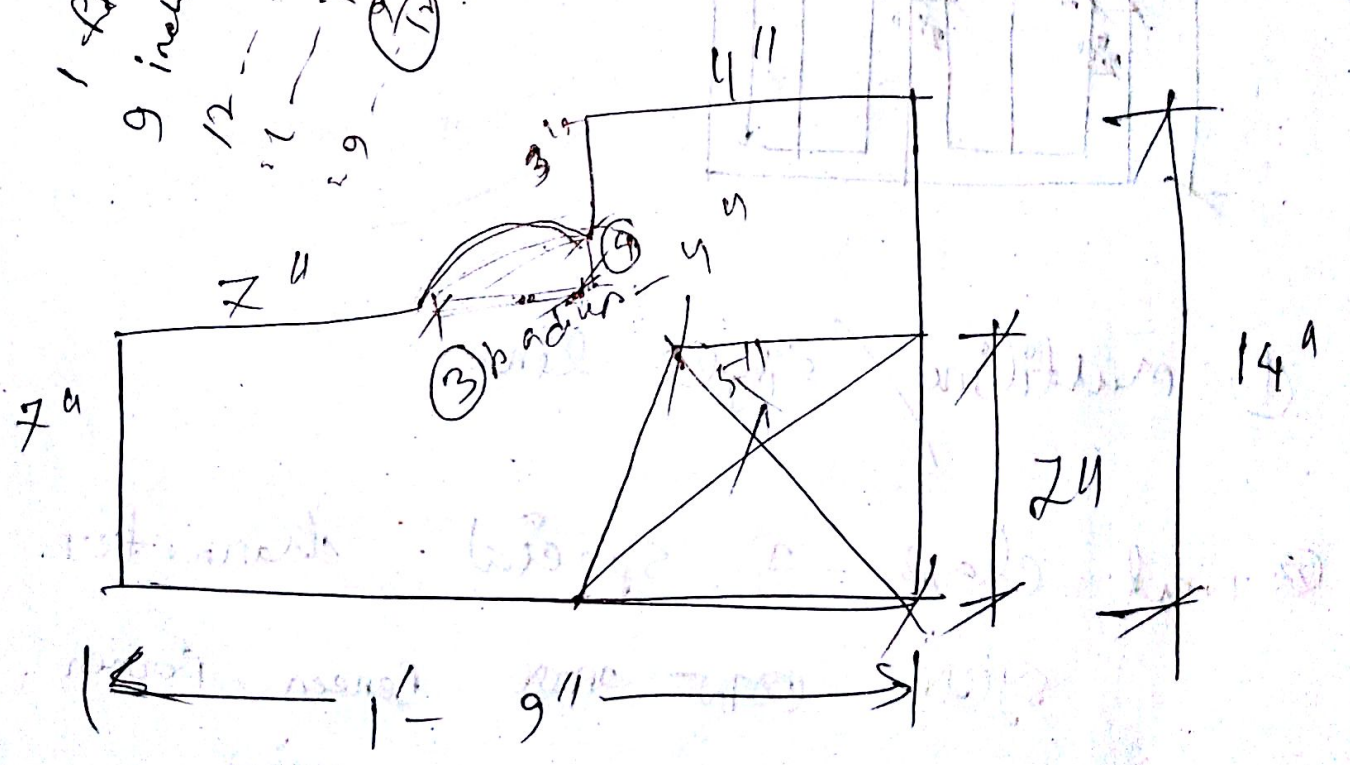
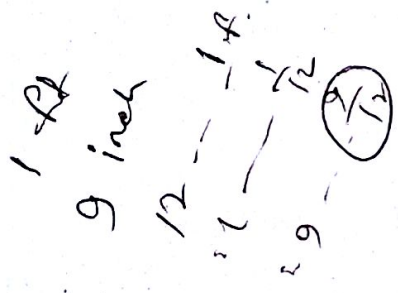
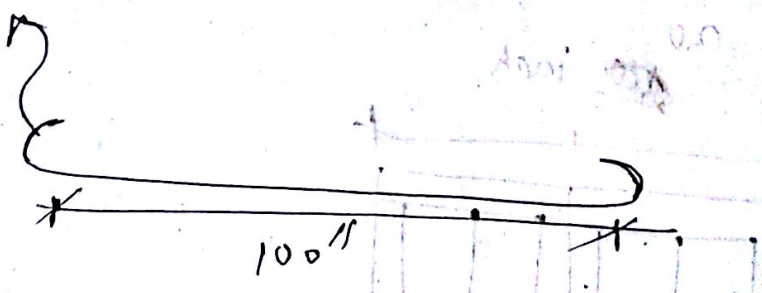


Handwritten notes on the right side of the page, including the number '40' and other illegible text.

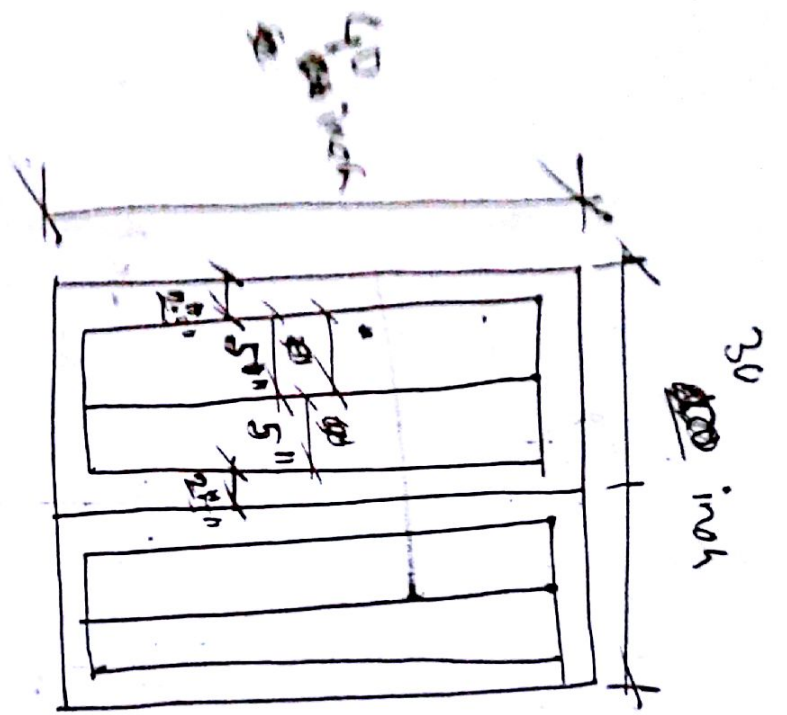
50/

0.17th

0.08mp
grid with angle of dial 10"



⑧ Next fit (can single line not be more with special character)



⑨ multiline / single line

⑩ Next class - 3 special character
 SYN - 215 and Penen - Penen
 need

1904

1905

1906

1907

1908

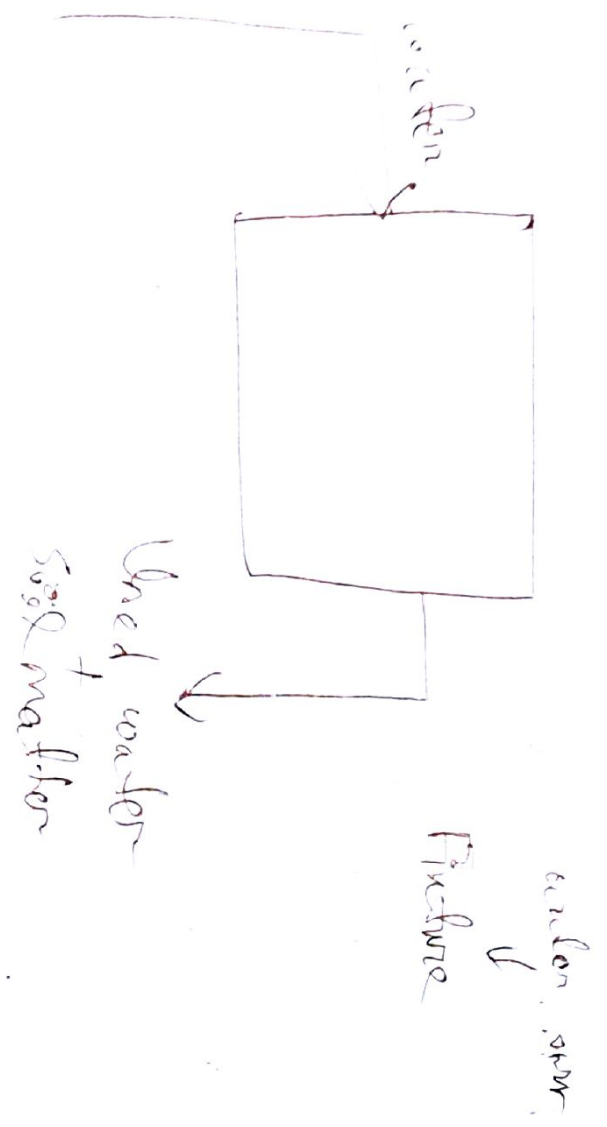
1909

Date: 13-02-13

Mid-yr yr exam - y

(i) Report - all books

(ii) Drawing



Hotel

Pipe

Wall

Dimension

Text

Manhole

Single Booking

Combined

road on right

Shallow Foundation

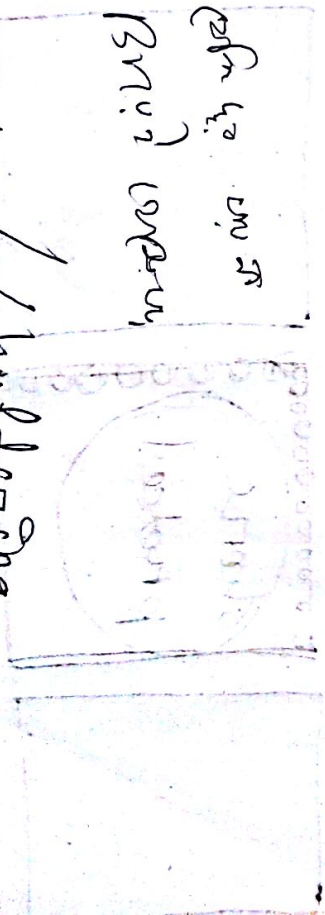


depth

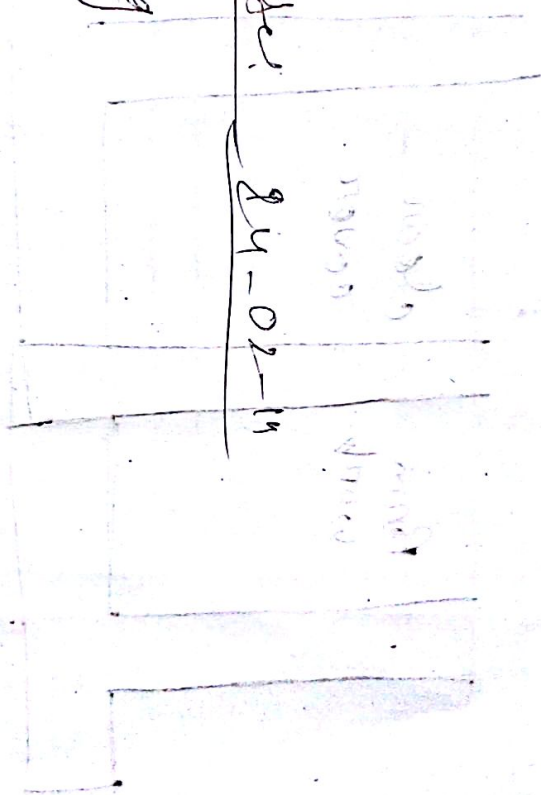
15-16 m

Form work

Shuttering



Order: 24-02-14



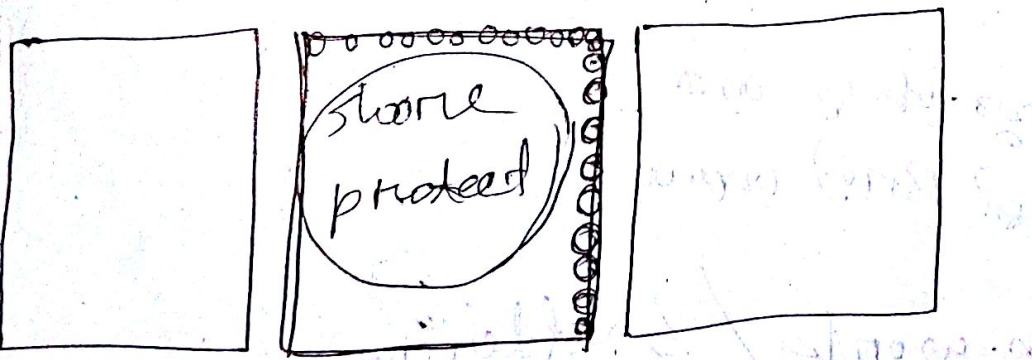
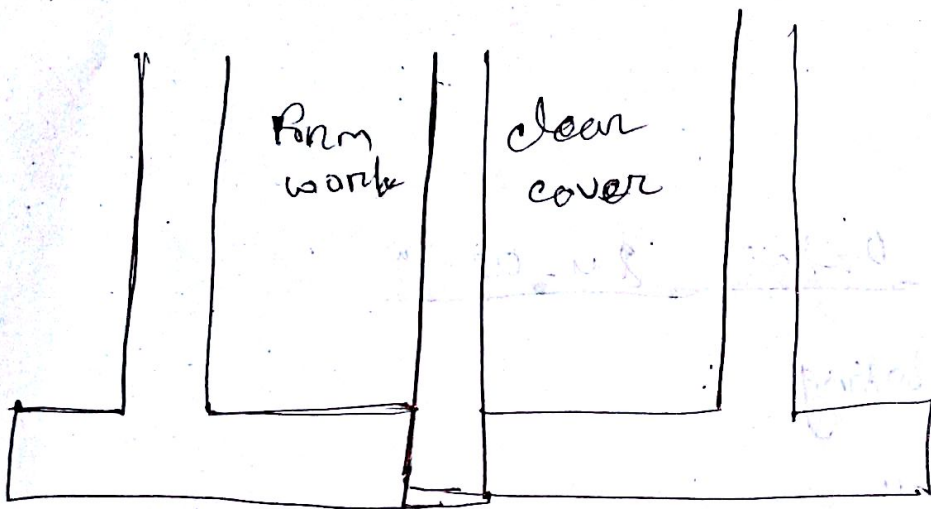
Order: 24-02-14

Order: 24-02-14

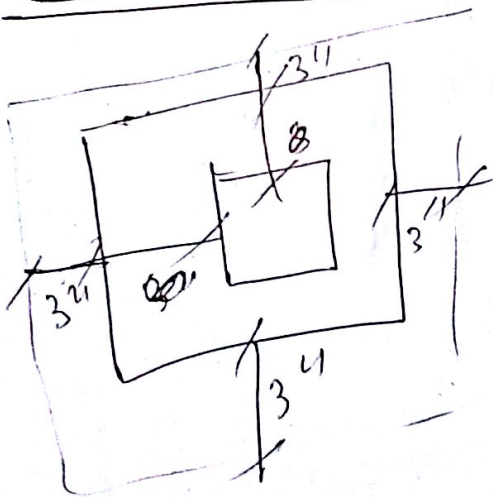
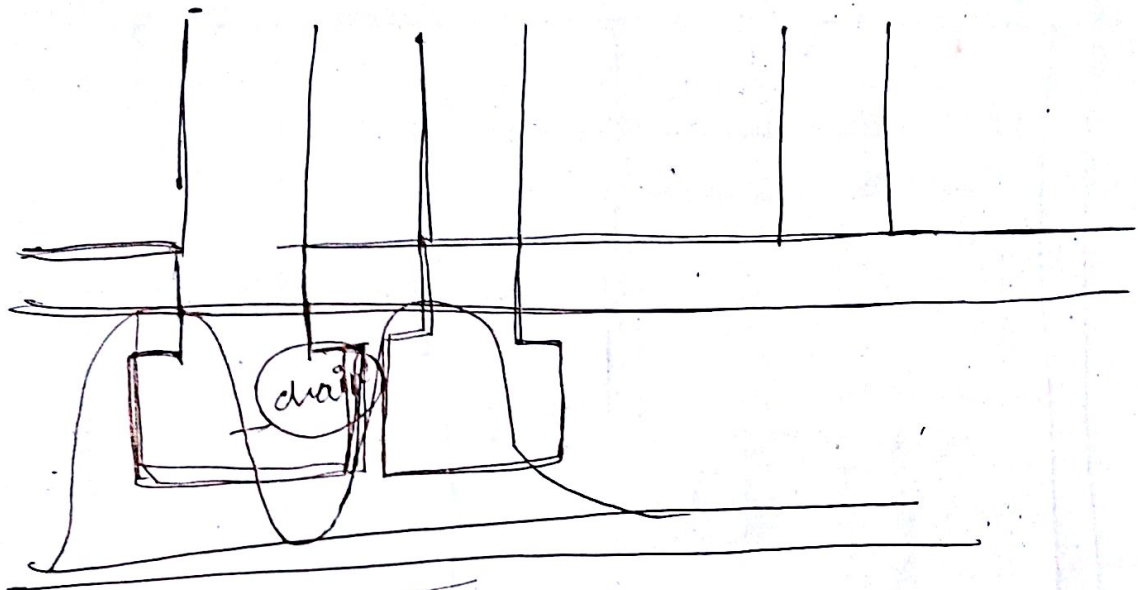
Order: 24-02-14

clean cover → gap

↓
eng - rod test protection



Deep foundation - pile ~~stop~~ (shore piles)



Trench line

