

**VISKAR BIM – LAP LOCATION & MODIFY LAP LOCATION**

**MULTIPLE CHOICE QUESTIONS**

1. What are the lapping options available in VISKAR BIM?
  - a) Normal & Staggered
  - b) Normal lap
  - c) Staggered lap
  
2. Which icon from the rebar tab allows to create lap location?
  - a) Generate lap location
  - b) Modify lap location
  - c) Create lap location
  - d) None of the above
  
3. In which direction, lap location will be created to the selected lap points?
  - a) Parallel
  - b) Perpendicular
  - c) Tangent
  - d) User defined
  
4. Can multiple lap locations be created in an object?
  - a) Yes
  - b) No
  
5. What are the lap location options available under the location drop down box?
  - a) Start
  - b) Center
  - c) End
  - d) All the above

6. Bars can be lapped by following conditions
- a) Normal lap & Lap with left/right crank
  - b) Lap with right crank
  - c) Lap with left crank
  - d) All the above
7. Bars can be lapped with crank inner or side
- a) True
  - b) False
8. Which icon in rebar allows to move lap location?
- a) Generate lap location
  - b) Modify lap location
  - c) Create lap location
  - d) None of the above
9. Can lap locations be created only in 3d objects?
- a) Yes
  - b) No
10. Lap location can be moved by pulling the?
- a) Vertex & Mid points
  - b) Grip points
  - c) Vertex points
  - d) Mid points
12. What is the staggered lap distance?
- a) length of the lap

- b) length of the alternate bars
- c) Distance between the two lap in consecutive rebar
- d) None of the above

13. Which LAP BY option is to be selected to activate the staggered lap radio button?

- a) Location
- b) Stock
- c) Inner
- d) Side

14. Can staggered laps be created without a lap location?

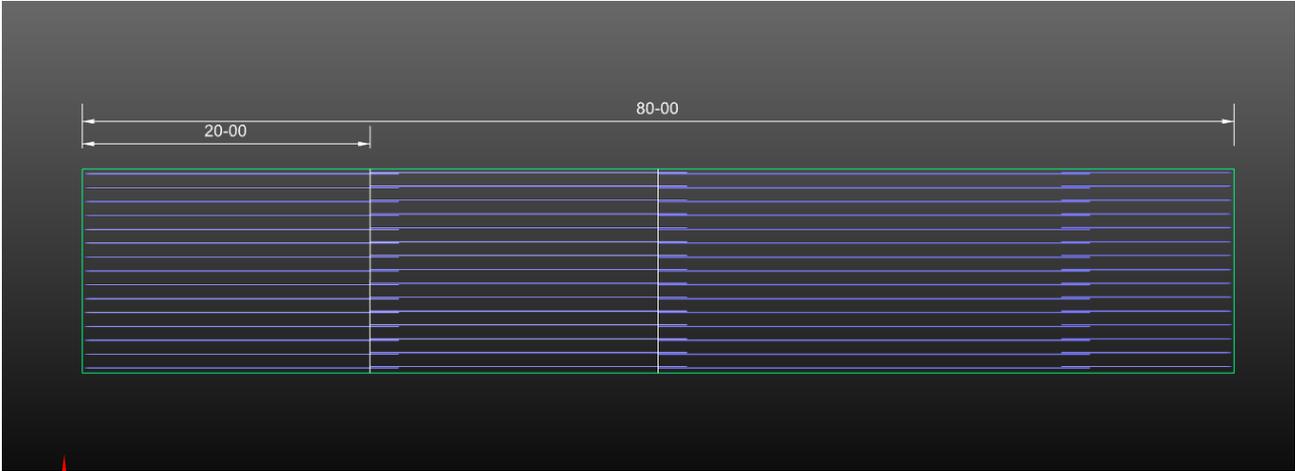
- a) Yes
- b) No

15. User can Edit & delete the lap location.

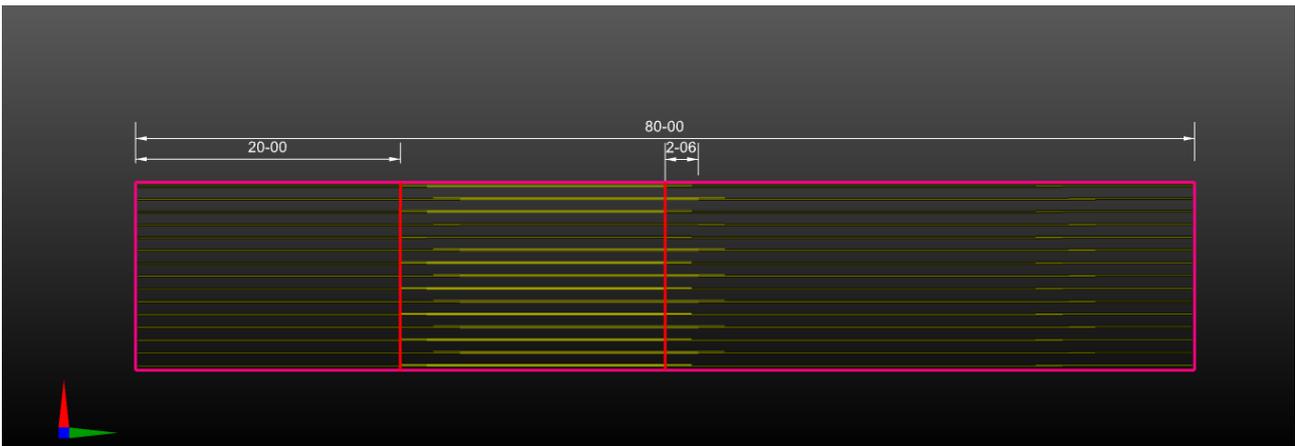
- a) True
- b) False

## VISKAR BIM – EXERCISE

1. Model a 80-00 length slab (Slab-1) & Create two lap location. The 1<sup>st</sup> lap at 20-00 from the start point of the slab & 2<sup>nd</sup> at the midpoint of slab Top bars #5@12", lap length 2-00



2. Change the lap as staggered, Staggered distance 2-06



3. Move the 1<sup>st</sup> lap location from 20-00 to 18-00

- Move the lap location using mid grip points
- Move the lap location using 1<sup>st</sup> & last point

4. Modify the lap using following options.

- Left crank
- Right crank
- Lap to Side & inner

5. Change the lap type from lap to coupler & check the length of highlighted rebar.



6. Delete all the lap location & check every bar length.

### **EXCERCISE QUESTIONS**

1. What are the two types of LAP BY options?

- Stock
- Location

2. What are the types of crank available?

- Normal
- Left crank
- Right crank

3. How many minimum grip points are required to move the lap location?

- 1

4. After deleting the lap location in the SLAB-1. The rebars are changed into the stock length

- a) True
- b) False