

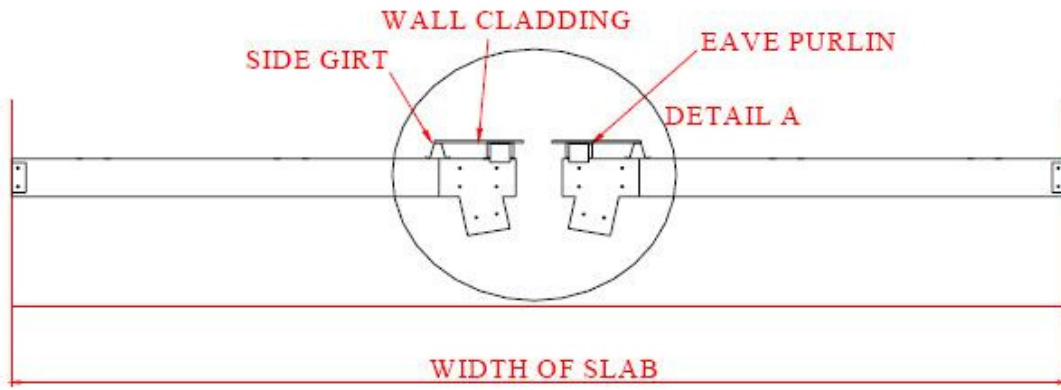


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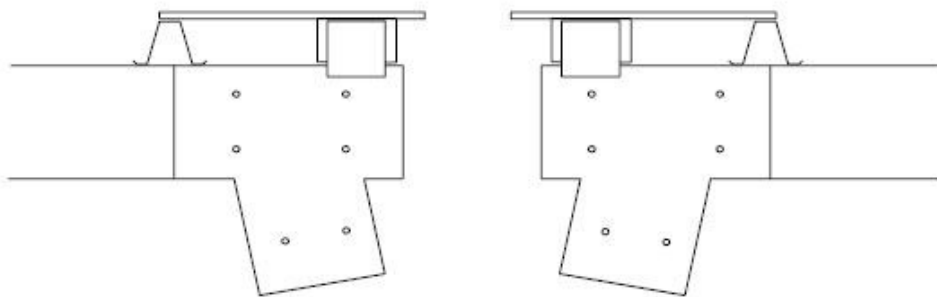
# Annexure 1 - Garaport Bay Extensions and Lean-tos on the side of buildings

## Garaports

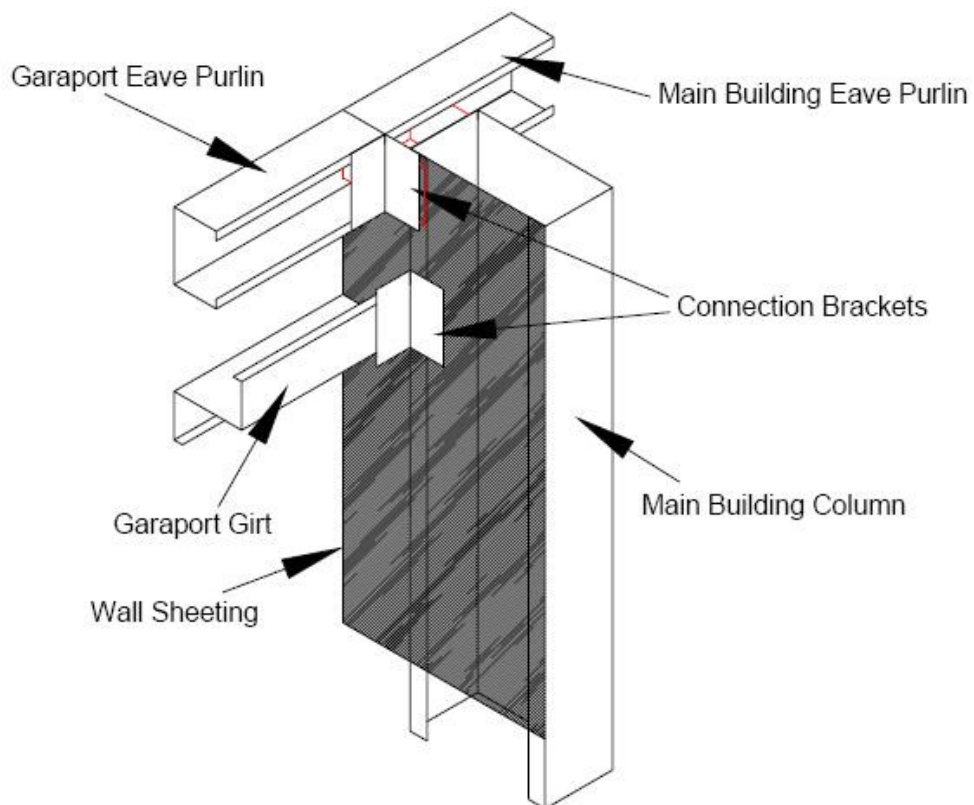
1. **Measure between the columns to check frame spacing. I.e. 3m, 3.5m, 6m etc**
2. Lay posts on slab and attach haunch brackets and base cleats.
3. Fix Eave Purlin Brackets to columns.
4. Attach girt bracket to the columns on the building by screwing through the wall sheeting and into the lip of the column. These brackets are to attach to the eave purlin and the girt at the bottom of the header sheets to the main structure.
5. Stand the columns one at a time and anchor to the concrete.
6. Fix Eave Purlins into position.
7. Fix girt into position to match the length of the header sheets.
8. Stand sidewall frames, plumb, prop and brace.
9. Fit rafter/s into position.
10. Attach Apex roof purlins, followed by other roof purlins.
11. Screw header sheets into position.
12. Install gutters. Fix roofing iron, ridge capping, rake flashing and downpipes as per main building.
13. Fit gutter brackets.



**GARAPORT / OPEN BAY HEADER ASSEMBLY**



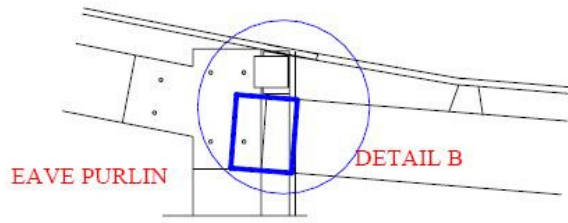
**DETAIL A**



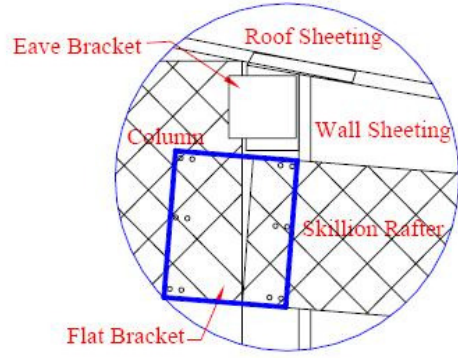
## Lean-tos on the side of buildings.

1. **Build garage as per previous instructions. DO NOT FIT GUTTER, ROOF CLADDING, RIDGE CAPPING OR RAKE FLASHING TO THE SKILLION SIDE OF THE BUILDING AT THIS STAGE.**
  2. Cut a slot in the wall cladding to line up to the 'web' side of the posts. This allows for a flat plate bracket to be passed through the slot and fasten to either the 'web' sides of the columns.
  3. Fix the haunch brackets/flat plates and the base cleats to all lean-to columns.
  4. Fit the eave purlin brackets.
  5. Measure frame spacing between lean-to columns to correspond with the frame spacing on the main building.
  6. Stand the columns and prop in position.
  7. Anchor each lean-to column to the concrete and fit the lean-to rafter.
  8. Fit the eave purlin between each of the lean-to columns.
  9. Install the roof purlins at the spacing determined on the engineering plans.
  10. Install header sheeting if applicable.
  11. Fit gutter stop ends and downspout nozzle to gutter.
  12. Fit gutter and gutter brackets to the wall.
  13. Screw the roof to the lean-to, sheeting in the same direction as the off side of the main roof, allowing the roofing to extend half way into the gutter.
  14. Install the remaining side of the roof to the main building.
  15. Install ridge capping to roof.
  16. Fit the rake flashing to the lean-to roof ends.
  17. Fit the rake flashing to the main building.
  18. Install the downspouts.
- Note: With a soft hair broom or soft cloth, thoroughly wipe down the surrounding surfaces where an angle grinder has been used to prevent 'swarf' from rusting the cladding.

ROOF SHEETING WILL 'CURVE' ONCE  
SKEWED TO SKILLION ROOF PURLINS



SKILLION CONNECTION



DETAIL B