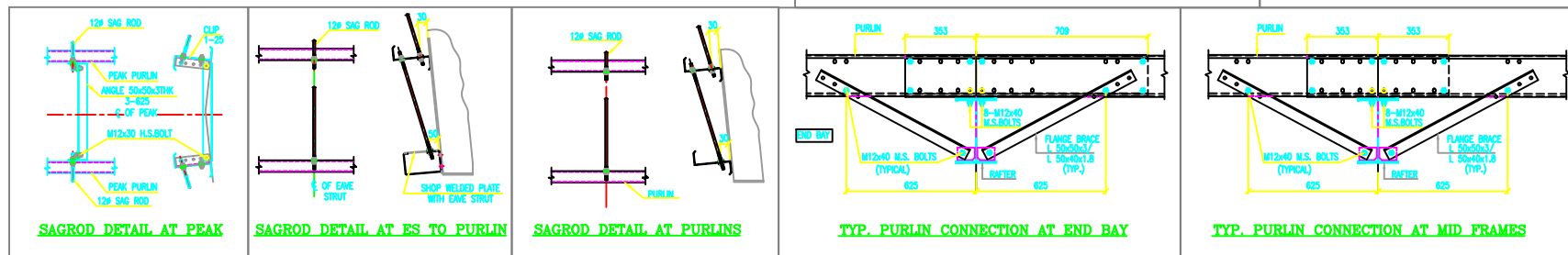
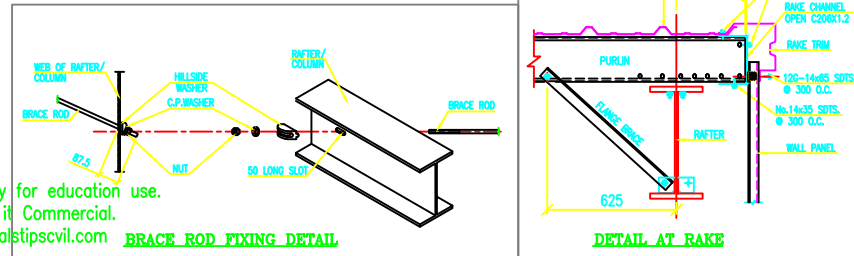


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BRACE ROD FIXING DETAIL

DETAIL AT RAKE



1. All dimensions are in mm unless noted otherwise.
2. Bracing is to be installed as per the erection drawings and must remain tight during the life of the building. Do not remove any bracing without the written consent of the Engineering Department.
3. Placing permanent bracing and temporarily guying the structure during erection prior to placing sheathing / cladding is extremely important. The removal of temporary bracing and / or providing insufficient temporary guy lines may cause the collapse of the building during or after erection which will be the Contractor's / Owner's responsibility.
4. Gasket plates for flange braces are welded on both sides of the column and rafter, however flange braces are required at one side (unless noted otherwise). For aesthetic reasons, it is preferable to install them all at the same side of column and rafter. The side chosen depending on erection sequence.
5. Start erection at the broad bay.
6. Use temporary guy wires and ratchet pullers for stability.
7. Install permanent bracing i.e. cables, rods, angles and flange braces.
8. Guy wires should be attached to an immovable object such as cast in anchor bolts, or heavy object.
9. Plumb & align the first bay before proceeding.
10. Use high strength bolts(A325) where indicated.
11. Tighten all high strength bolts after final alignment of the building.
12. Frame alignment should be within 1/300 tolerance.
13. Use temporary supports to align girts before fixing sheaths.
14. Do not apply any live loads to purlins before roof sheathing is completed.

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