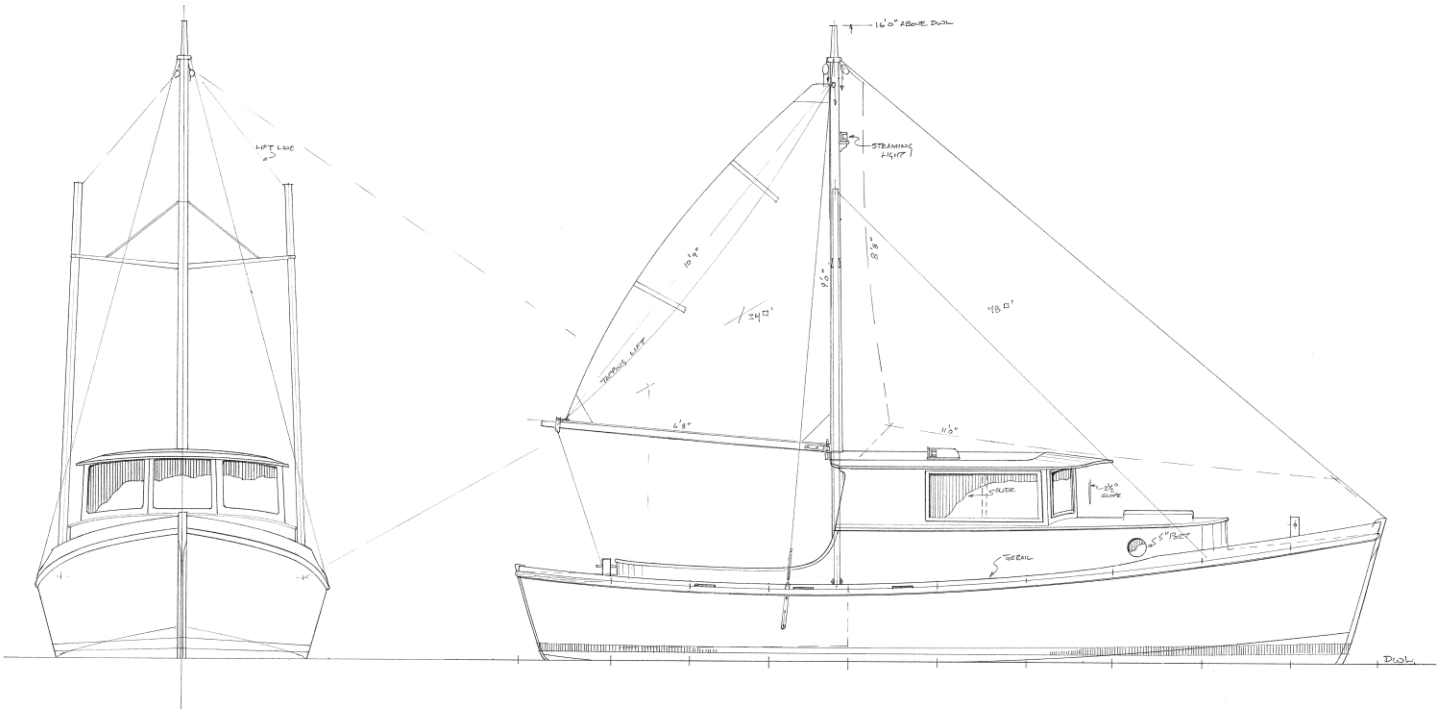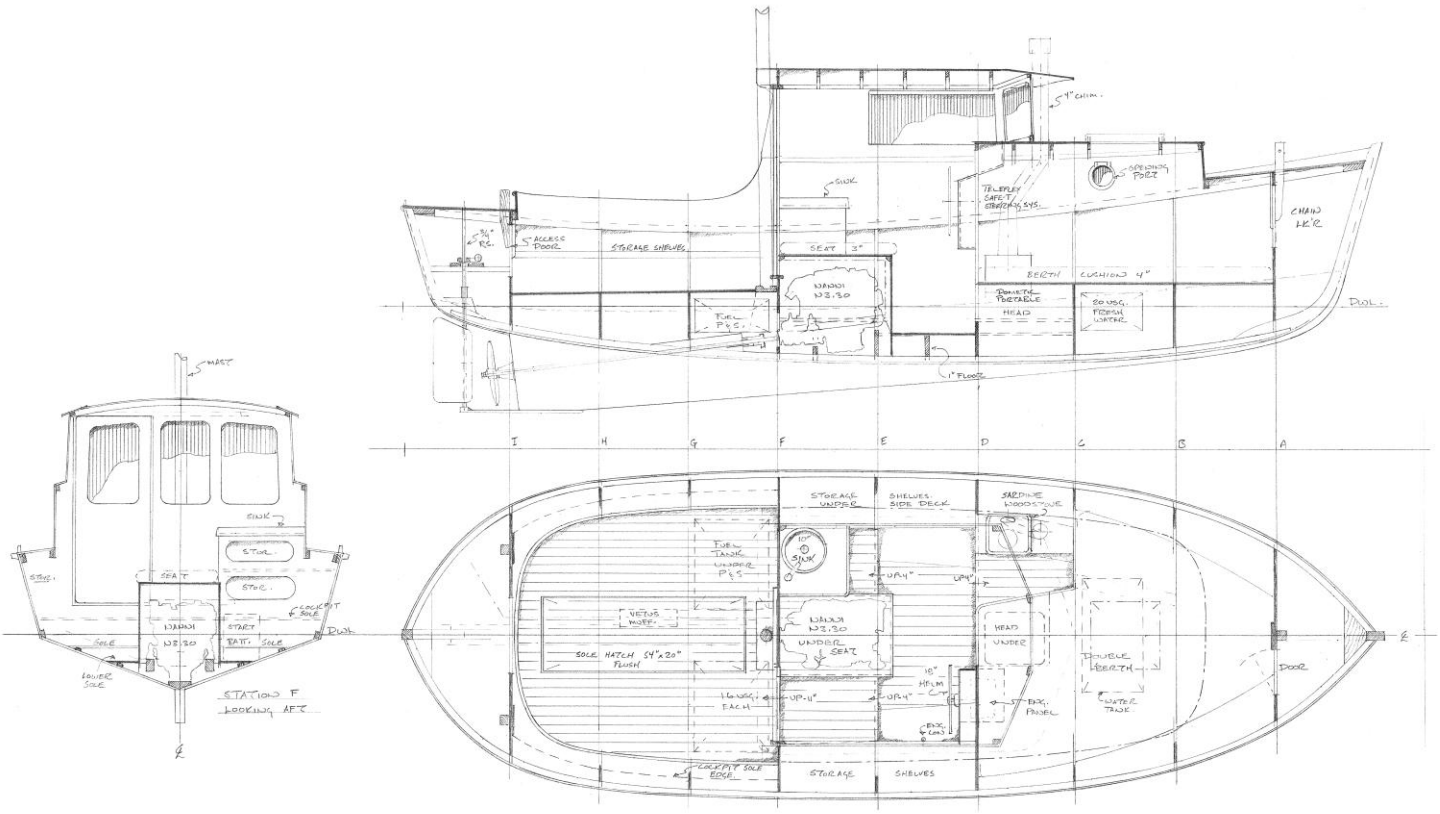TimberCoast 22 Design Study