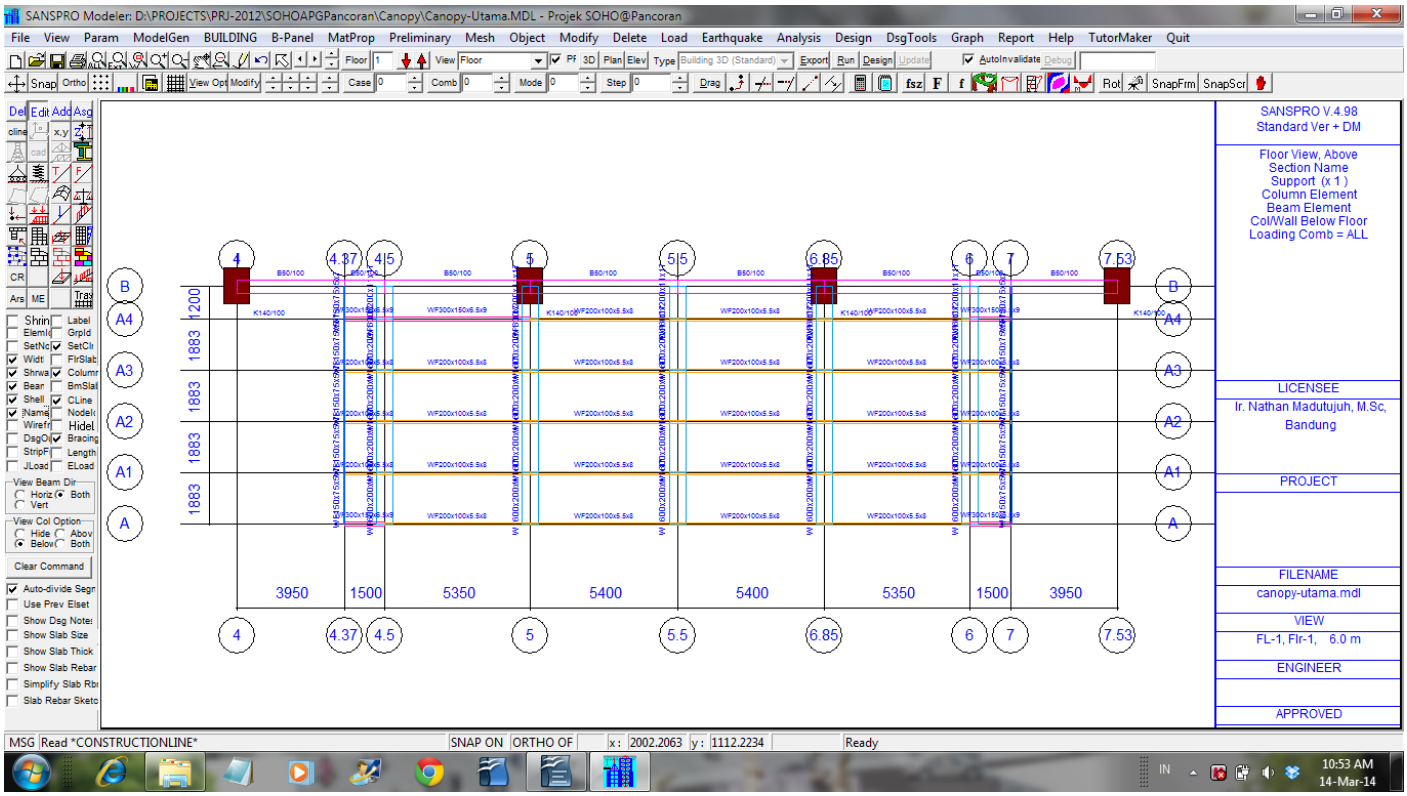
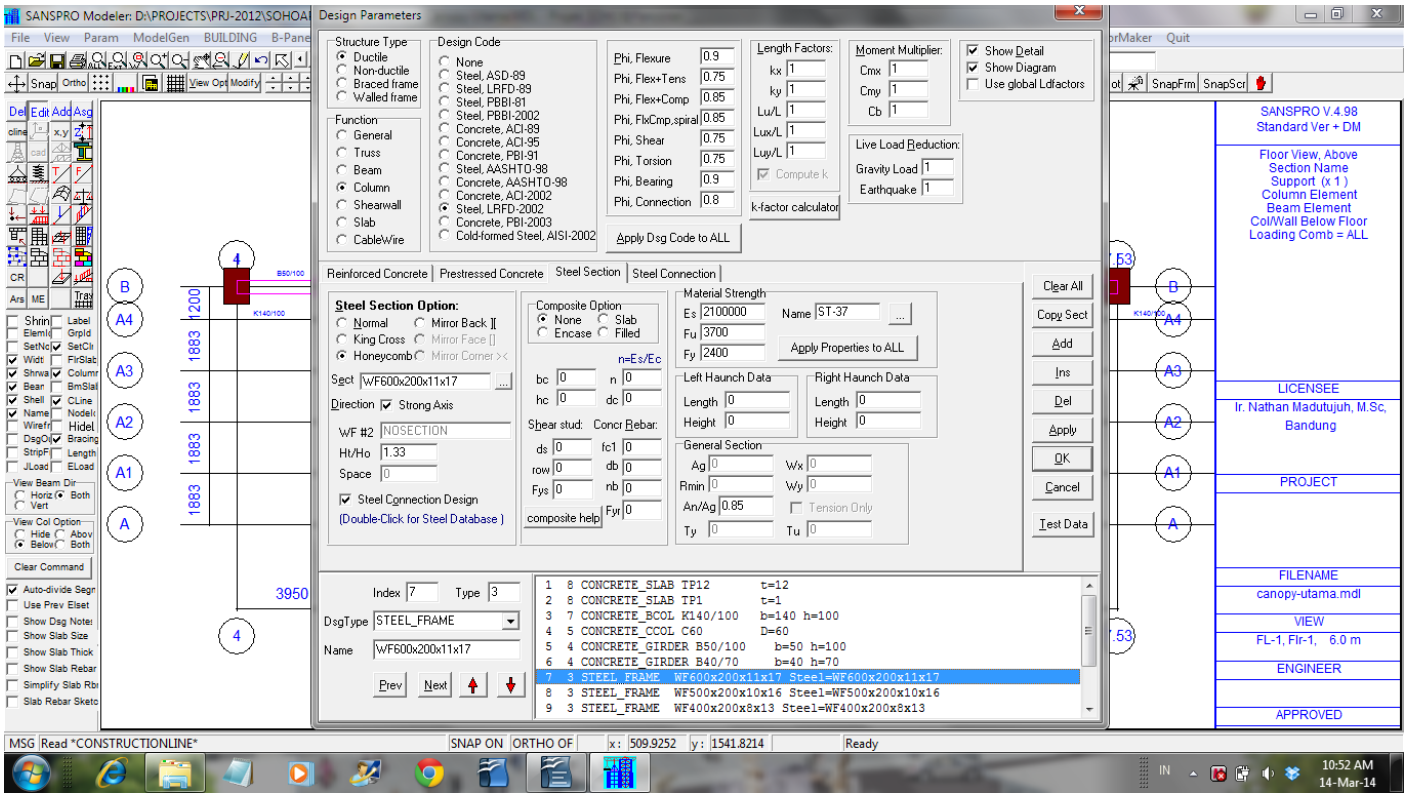
# SANSPRO V.4.98
# Steel Connection Design Guide

## 1. Steel Canopy Model

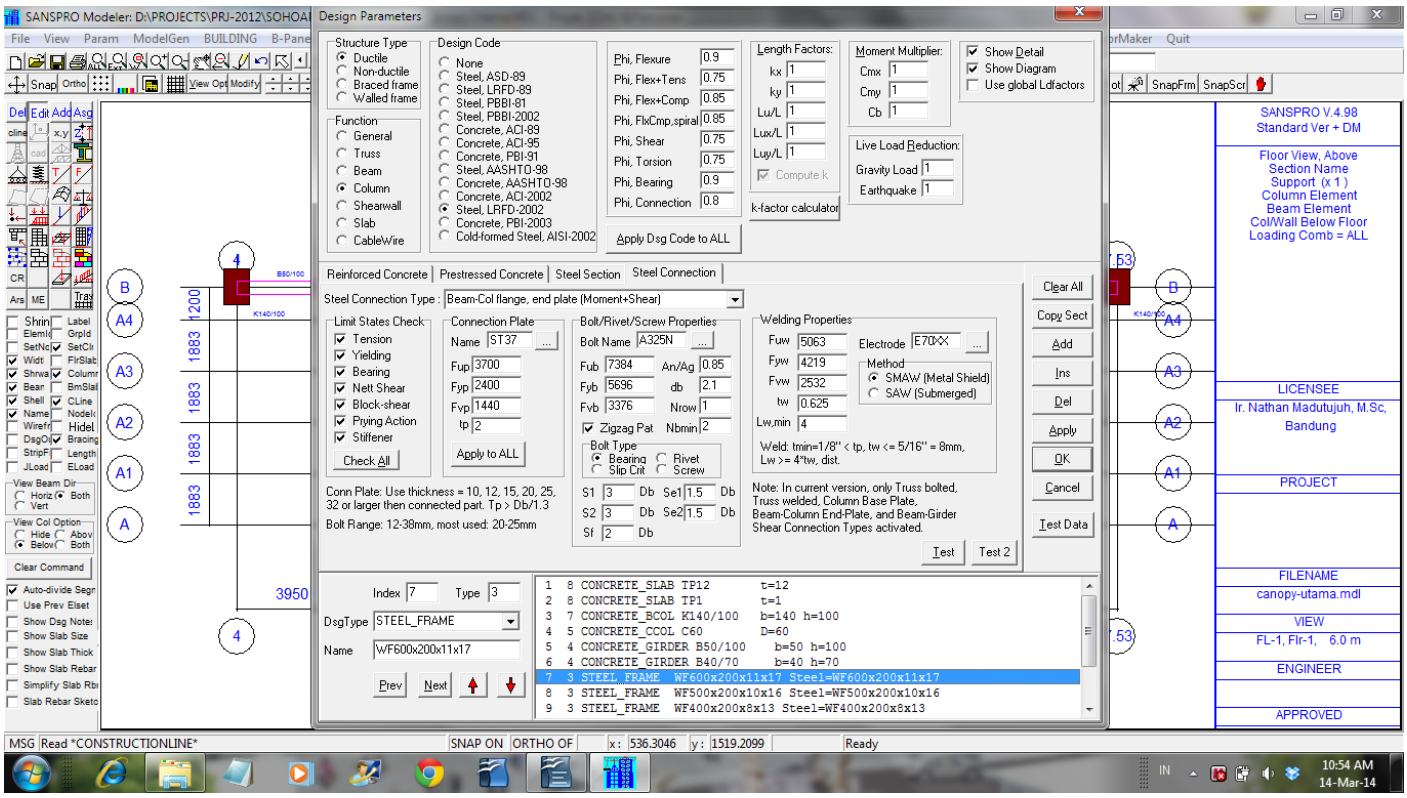



## 2. Steel Connection Parameters

### Turn on Checkbox : Steel Connection Design

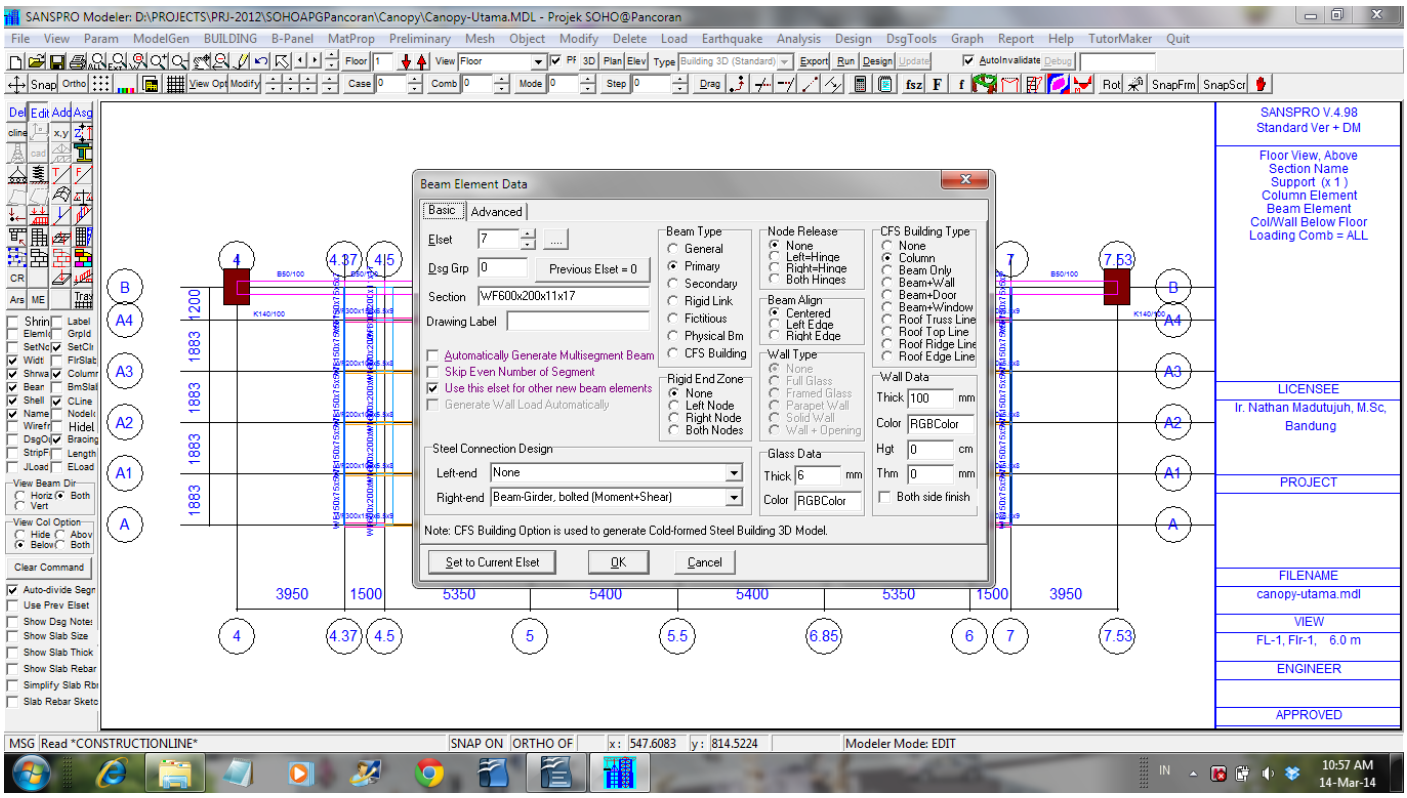


## Enter Steel Connection Design Parameters:



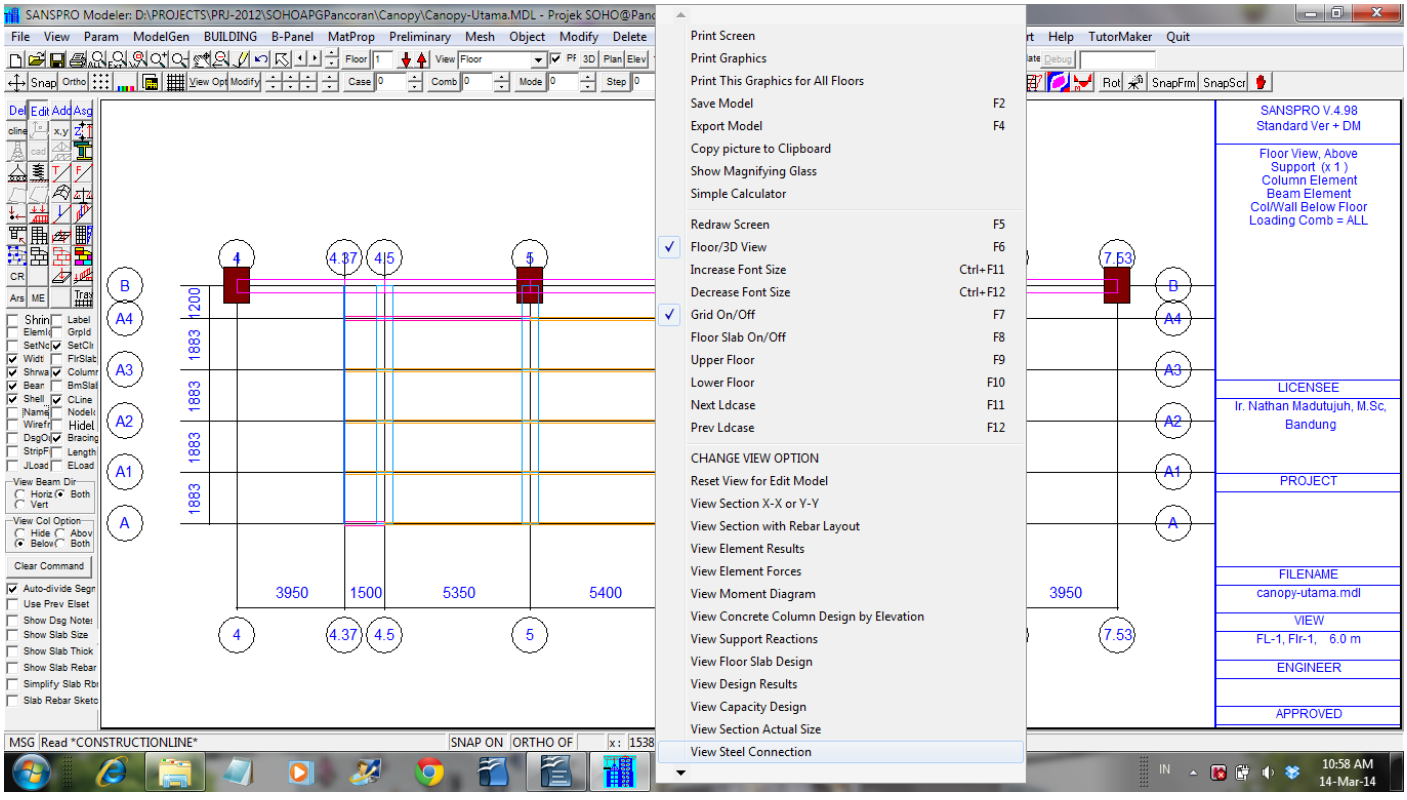

**Bolt =** A325N, Db = 2.0 cm, Tp = 2.0 cm, Nrow = 1, Nbmin = 2
**Weld =** E70XX
**Bolt spacing :** s1,s2 (bolt spacing), sf (to flange), se1,se2 (to edge)

## 3. Selecting Beam for Steel Connection

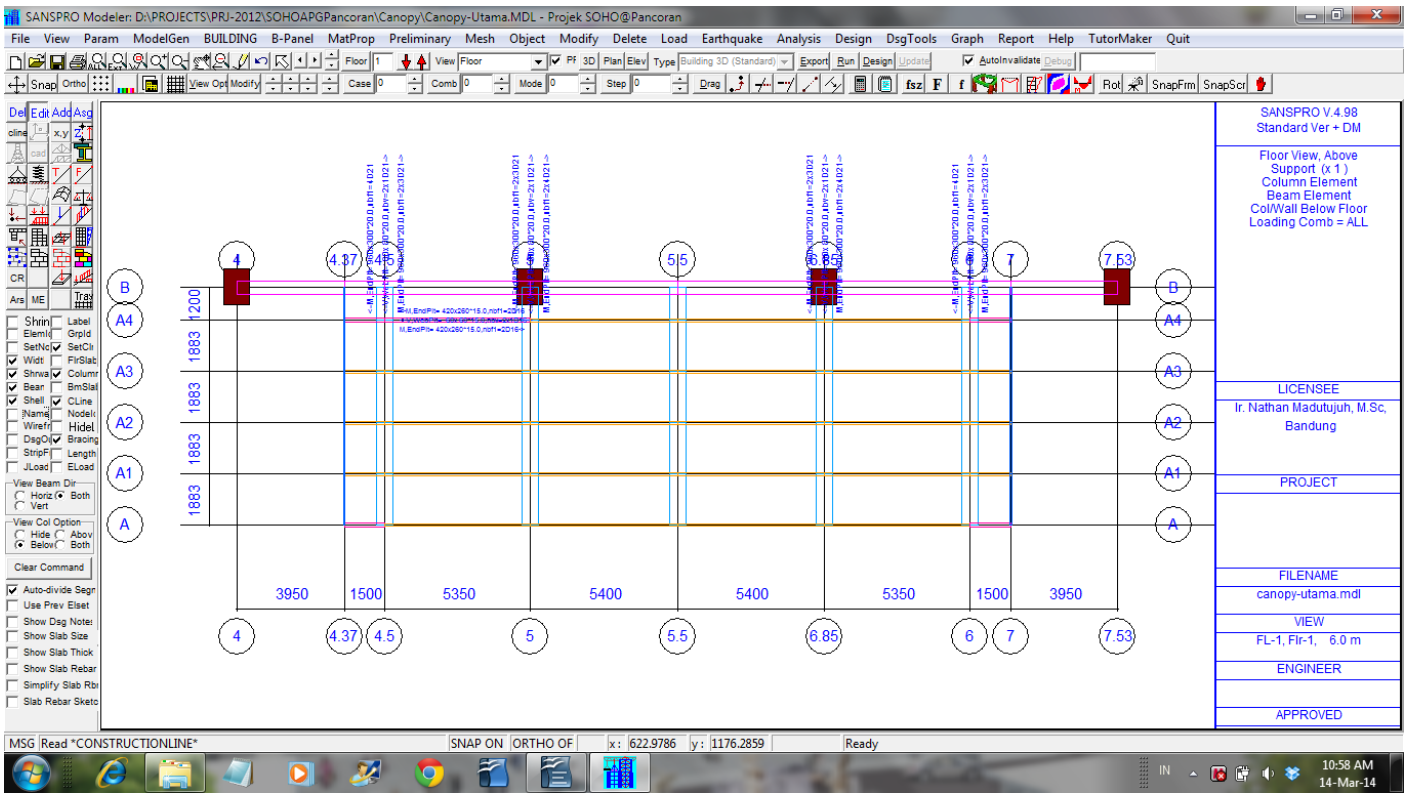



**Select for Left End :** Beam-Column Flange, End plate (Moment+Shear)
**Select for Right End :** Beam-Column Flange, End plate (Moment+Shear)

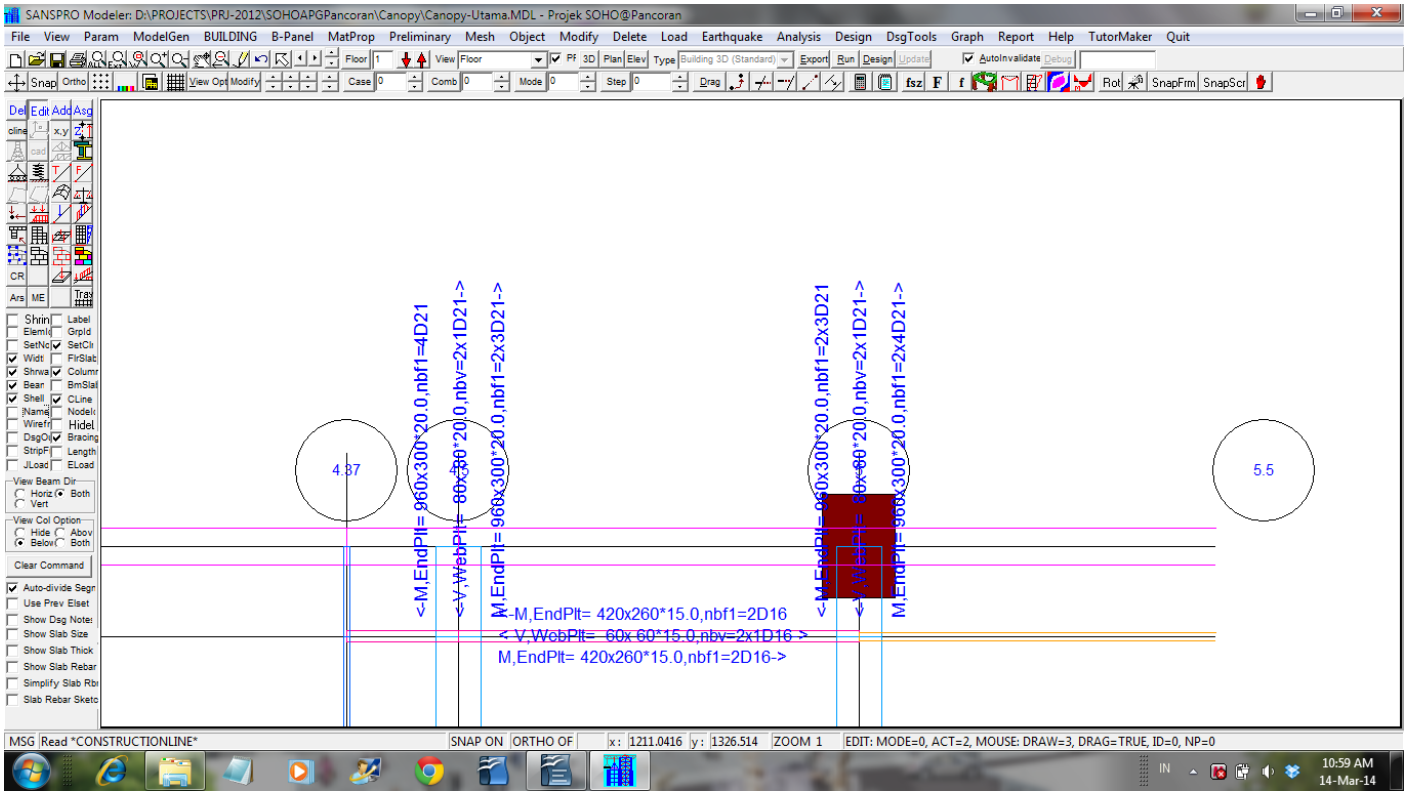
## 4. Steel Connection Design



**Selected Beams connection will be displayed:**




**Zoom to display:**




**Output:** End plate size, thickness, bolt at 1 flange, total bolt at web