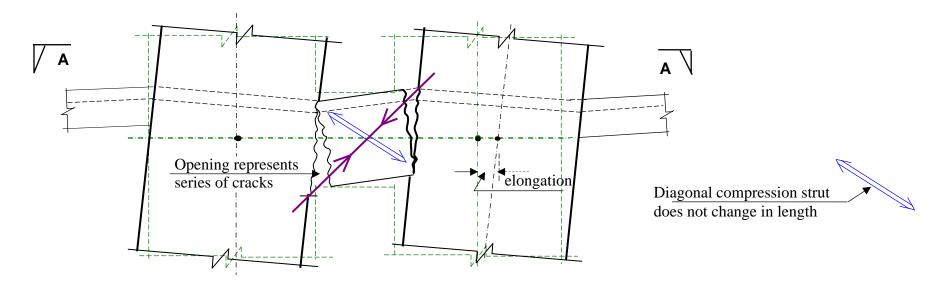
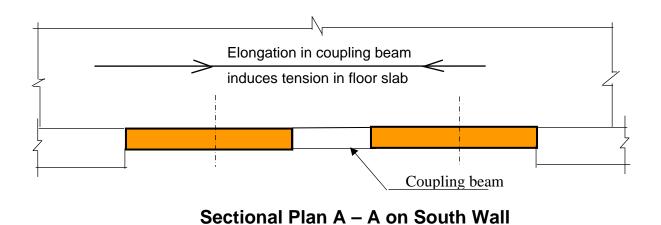


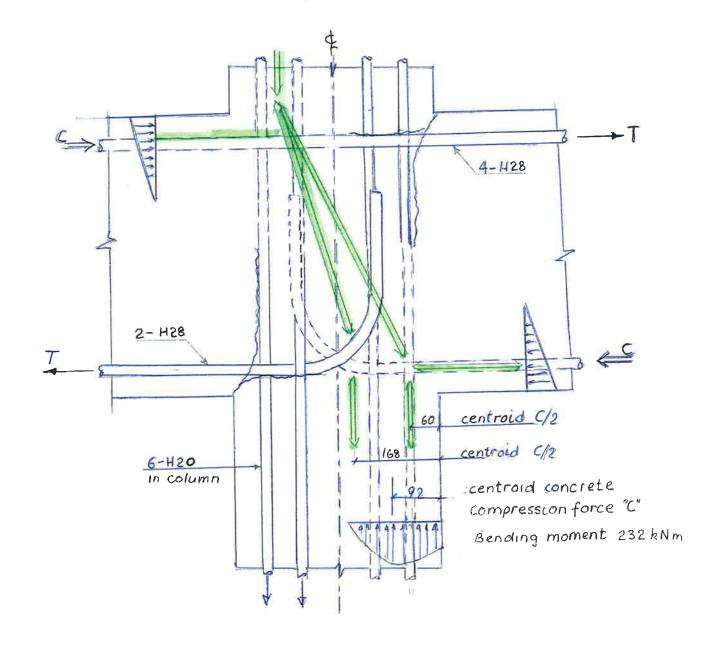
RCF 01/01/2012



Elevation on part of South Wall



CTV South Wall RCF 4/7/12



Column

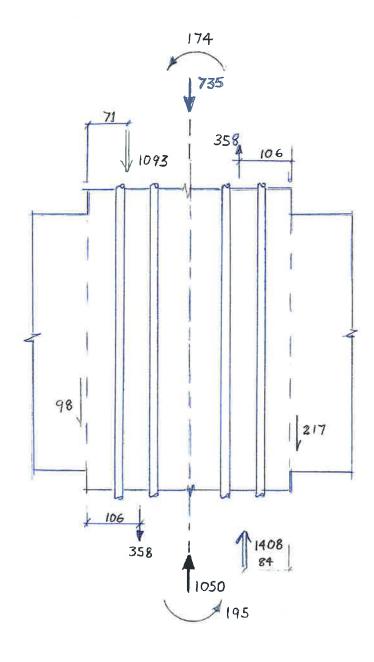
Axial Load 1260 kN Mn = 232 kNm c = 185 mm fe' = 35 MPa fy = 380 MPa

Development beam bottom bars = $\frac{2}{3}$ code

Moment capacity at base of joint zone
15 approximately
80% of Mn of column

Beam and column shears
not shown

CTV Beam column joint Internal column level 2,3 RCF 28/6/12



Joint zone shear $V_{jv} = \frac{11408 - 217 + 358}{550 \times 400} = 7.0 \text{ Mfa}$

Assumed axial loads 735 kN and 1050 kN.

Note values do not include an allowance for over-strength