AGC Construction Industry Conference
December 11, 2013

NEW YORK WORKS D262027

ACCELERATED VS. NORMAL CONSTRUCTION
SLATE HILL CONSTRUCTORS
Demolition using blankets and underdecking
Removal of demo tarps
Demolition by dropping the debris
Stud and angle installation
Working around the weather
Forming
Theoretical Top of Slab (After Grinding) 418.79 418.62 418.43 418.29 418.15 418.01 417.87 417.73 417.59 417.43 417.29
Computed Bottom of Slab (8 3/4 " Deck) 418.06 417.89 417.70 417.56 417.42 417.28 417.14 417.00 416.86 416.70 416.56
(A) Req’d Bottom of Slab Elevation 418.06 417.89 417.70 417.56 417.42 417.28 417.14 417.00 416.86 416.70 416.56
(B) Top of Steel El. (Field Measure) 418.05 418.86 417.66 417.51 417.37 417.19 417.06 416.90 416.83 416.74 416.58
(C) = (A) - (B) 0.01 0.03 0.04 0.05 0.05 0.09 0.08 0.05 0.03 0.02 0.01
(D) Concrete + S.D.L. Deflection 0.00 0.01 0.02 0.02 0.03 0.03 0.03 0.02 0.02 0.01 0.00
(E) = (C) + (D) Depth of Haunch Req’d 0.01 0.04 0.06 0.07 0.08 0.12 0.11 0.07 0.05 0.03 0.01

You need to put in the Top of Steel elevation before any formulas work ok on this spread sheet.
W.E. Cutting the back wall
Back Wall After Horizontal Saw Cut
Panel installation
Studs in longitudinal pockets of Ductal
Steel angles and end dams
Shorter Studs and Shim packs
Placement of Ductal
New chimneys and plywood strips
The chimneys after form removal
The new chimneys
The new chimney, after removal
The tenting
Tenting underneath
Incidental Forming
Diamond Grinding