

***** GROUND RELEASE II Tilt-up Analysis *****

Operator : BP
Job no.: 13200
Panel no.: APPROACH SLAB 1
Date : 4/26/2013

Angle Deg.	Loc. Feet	Flexure Stress PSI	Bending Moment Ft-Lbs	Allow. Moment Ft-Lbs	Tens. Steel Sq. In.	Comp. Steel Sq. In.	Strongbacks	
							Sec. Mod. Wood In ³	Sec. Mod. Steel In ³

Maximum positive stress (Bottom)= 74 psi @ 11.39 ft. and 0°
Maximum negative stress (Top)= 32 psi @ 16.0 ft. and 0°

Balancing moment = 0.00 ft.-lbs./ft. over 0.00 ft.W-Shift 0.00
Strongback requirements (Applicable only if printout shows add'l steel req'd.)
Wood: 0 single 2X12's or equivalent.
0 single 4X12's or equivalent.
Steel: 0 double C6X8.2 or equivalent.
0 double C8X11.5 or equivalent.