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

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

06	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
07	000.18	03600.00	000067500	007.50	00009000	00009000	015.00
08	000.07	03600.00	000067500	007.50	00009000	00009000	015.00
09	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
10	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
11	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
12	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
13	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
14	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
15	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
16	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
17	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
18	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
19	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
20	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
21	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
22	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
23	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
24	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
25	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
26	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
27	000.07	03600.00	000067500	007.50	00009000	00009000	015.00
28	000.18	03600.00	000067500	007.50	00009000	00009000	015.00
29	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
30	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
31	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
32	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
33	000.26	03600.00	000067500	007.50	00009000	00009000	015.00
34	000.26	03600.00	000067500	007.50	00009000	00009000	015.00

Additional reinforcing

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

Insert loads

Maximum tension load = 7695.33 lbs per insert.
Maximum shear load = .00 lbs per insert.
Maximum ground reaction = .00 lbs
Maximum positive stress (Bottom)= 7 psi @ 4.1 ft. and 0°
Maximum negative stress (Top)= 7 psi @ 1.72 ft. and 0°

Strongback req'ments (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.

//