

### VIEW SECTIONS

SCALE: 1" = 100'

#### General Notes

The scope of this study is to evaluate impacts of site grading on cut & fill volumes where the elevation of the main development pad area (hotels/conference center/ water park) is raised at 20 foot increments from the preferred elevation of 790' ASL at bottom of the boulevard road (site rises to Radisson Hotel - 800' ASL at end of the boulevard rd.)

The main development pad is approximately 23 acres in size. As the pad is raised to meet 3/1 slopes on the northern slopes extending to grade, the pad translates 50' to the south where it meets the 2/1 excavated slopes of the hillside. The plan provided defines the pad translations locations as phantom outlines of the development pad. Since the food court and truck stop connect to Route 52 access, their elevations are not impacted.

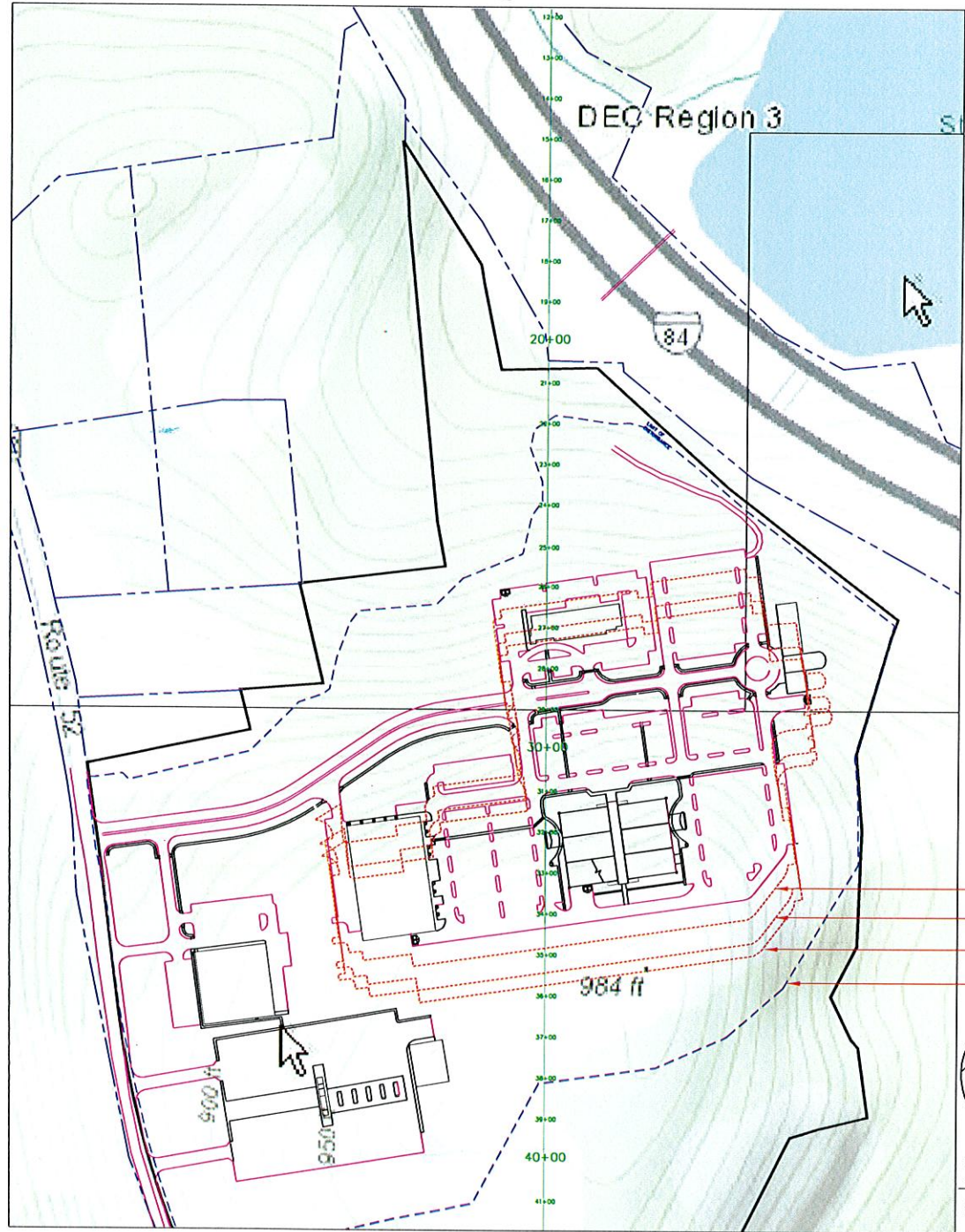
As the main development pad is raised

- The boulevard grade average slope decreases.
- The elevation above US Route 84 increases.
- The elevation of the Radisson Hotel extends above existing grade as fill.
- Cut & Fill analysis, which includes all pond, bio-retention and foundation excavations as determined using Civil 3-D cut/fill programs, decreases in volume. Refer to chart.

The reduction in cut/fill is not significant since the substantial portion of the cut proposed for the site excavation is within the area of the 2 on 1 restoration slope for the project, beyond the area of the development pad.

Base Elevation of Building Pad	Elevation Route 52 Entrance	Drop from Route 52	Driveway Slope L = 1,000'	Elevation 84 West Bound 714 to 706	Elevation Radison Above PL Grade (780)	Area of Development PAD - Acres	Cut cy	Fill cy	Net cy
780 to 770	846	(-76)	7.6%	+66	0.0	23.0	7,200,000	6,000	7,194,000
800 to 790	846	(-56)	5.6%	+86	20	23	6,700,000	21,126	6,678,874
820 to 810	846	(-36)	3.6%	+106	40	23	6,000,000	64,000	5,936,000
840 to 830	846	(-16)	1.6%	+126	60	23	5,100,000	110,000	4,990,000
850 to 840	846	(-6)	0.6% (Too Flat Driveway)	+136	70		Not considered		

### CUT/FILL ANALYSIS



**SITE PLAN**  
SCALE: 1" = 200'

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	No.	Date	Description		
	EXCAVATION OPTIONS		ROUTE 52 DEVELOPMENT		
	17-111		PK		
08/26/18		AS NOTED			