

Newton North Value Engineering Log - DRAFT 2/22/08

Number	Category	Div	Item	Target Savings
1	1	2	Eliminate retaining walls (Stadium)	60,000
2	1	2	Change granite to concrete curbs	100,000
3	1	2	50% Landscape reduction	200,000
4	1	2	Reduce Irrigation 50% reduction	200,000
5	1	2	Delete all Site benches	72,000
6	1	2	Fence reduction	50,000
7	1	2	Delete bollards	35000
8	1	2	Delete Bike racks	25000
9	1	3	Eliminate lecture hall seating (Flat floor)	40,000
10	1	3	Reduce winter concrete	200,000
11	1	5	Simplify cafeteria roof structure	300,000
12	1	5	Modify pool seating (Change tiered concrete to bleacher?)	100,000
13	1	5	Eliminate roof screens	800,000
14	1	5	Eliminate eyebrows	400,000
15	1	6	Eliminate connecting doors / cafeteria to career center	20,000
16	1	6	Library shelves / casework	100,000
17	1	7	Change roofing from TPO to EPDM	500,000
18	1	8	Casework - Deduct 1 (of 2) storage units per classroom	100000
19	1	10	Delete Dimeo labor to install owner furnish & install accessories	100,000
20	1	10	Reduce theater equipment	200,000
21	1	10	Reduce technology budget	100,000
22	1	10	Delete Café folding partition	30,000
23	1	10	Delete retractable batting cages	20000
24	1	15	Mech. Equipment VE	500,000
25	1	15	Reduced AV Budget	100000
26	1	15	Fume hoods (Delete 4 of 8 from general science rooms)	50000
27	1	16	Simplify lighting fixtures type	200,000
28	1	16	Change cable trays to hooks	125,000
29	1	6,9,15,16	Teacher station simplification	100,000
30	1		Change wood fence (shadowbox) to chain link	40000
31	1		Change rubber play surface in playground area to wood chips	20000
32	1		Casework - Change veneer from Maple to Birch	100000
33	1		Delete all porcelain tile (replace w/ VCT)	60000
34	2	- 1	Police details to be paid by City outside of school project cost.	300,000
35	2	2	Eliminate (1) 40k water recovery tank with pumps	125,000
36	2	2	Reduce stadium seating from 2000 to 1000	80,000
37	2	2	Change synthetic field turf to grass	400,000
38	2	2	Eliminate (4) tennis courts	150,000
39	2	4	Change exterior brick to block (100%)	1,500,000
40	2	4	Moisture Cure concrete	354000
41	2	5	Simplify theater wing, D&W to provide further info	
42	2	5	Eliminate entry canopies	50,000
43	2	8	Reduce interior glass and glazing	300,000
44	2	10	Eliminate Gym pads and mats	85,000
45	2	15	Eliminate AC	
46	2	15	Eliminate heat recovery	200,000
47	2	16	Eliminate tennis court lighting	100,000
48	2		Utility Rebates	135,000
49	2			

Subtotals 8,826,000

Mark Ups @15% 1,323,900

Total 10,149,900