|  | Discipline | Description |  | PM\&C Value (direct cost) |  | $\begin{array}{r} \text { Escalation } \\ \text { \& Design } \\ \text { Cont. } \\ \text { Savings \% } \end{array}$ | PM\&CEstimatedSavings |  |  | VJA Value (direct cost) |  | $\begin{array}{r} \text { Escalation } \\ \text { \& Design } \\ \text { Cont. } \\ \text { Savings \% } \end{array}$ | Estimated Savings |  |  | PM\&C / VJA AVG SAVINGS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | ंRemove site improvements in front of City Hall/1895 from HS project scope, put out as separate contract |  |  |  |  |  | Incl in BASE |  |  |  |  |  | Incl in BASE |  |  |  |  | x Captured in reconciled estimates |
| 002 | Ssite | RRemove community path ramp/stair connection to parking garage, use School St for access | \$ | (492,580) | 8.188\% | 14.00\% | \$ | $(601,834)$ | \$ | $(300,000)$ | 8.188\% | 17.00 | \$ | (375,540) | \$ | $(488,687)$ | $\times$ |  | Connectivity / student access issue |
| 003 | Demolition | :Remove 1895 make-safe from HS scope - put out as separate contract | \$ | (1,409,216) | $8.188 \%$ | 730 m | \$ | (1,627,363): | \$ | (1,409,216) |  |  | \$ | (1,990,612) | \$ | $(1,888,987)$ | $\times$ |  | Not viable - cannot abandon unsafe building |
| 004 |  | :Remove playground from HS scope - fund through CPA | \$ | $(182,680)$ | 8.88 \% | 14.000 | \$ | (223,198) | \$ | $(235,000)$ : | 88.88 | 17.009\% | 5 | (294,173) | \$ | $(258,686)$ |  |  | X $1 / 3$ needed to support Ed Plan |
| 005 |  | Remove $2 / 3$ of playground from HS scope - keep $1 / 3$ for daycare program | \$ | $(73,884)$ | $8.88 \%$ | 14.00\% | S | $(90,272)$ | 5 | $(156,000)$ : | 8.188 ; | 17.00\% | S | $(195,281)$ | \$ | $(142,776)$ | x |  | Accepted by SBC on 12/20 |
|  |  | :Remove amphitheater granite terrace seating from HS scope | \$ | (151,700) | ${ }^{8.888}$ | ${ }^{14.0008}$ | \$ | $(185,347)$ ) | \$ | $(64,000)$ : | 8.88\% | 17.009 | \$ | $(80,115)$ | \$ | $(132,731)$ | x |  | Accepted by SBC on 12/20 |
| 007 |  | :Remove granit/concrete steps \& cheekwalls at 1895 from HS scope | \$ | $(43,210)$ | 8.188; |  | \$ | (46,745): | \$ | $(50,000)$ | $8.188 \%$ | 17.00\% | \$ | $(62,590)$ | \$ | $(54,667)$ | x |  | Accepted by SBC on 12/20 |
| 008 | Ssite | :Remove bus shelters from HS scope | \$ | $(100,000)$ : | 8.88\% | 14.00\% | S | (122,180) | \$ | $(50,000)$ | 8.88\% | 17.00\% | S | $(62,590)$ | \$ | $(92,385)$ | x |  | Accepted by SBC on 12/20 |
| 009 | 'site | :Remove granite seating adjacent library from HS scope | \$ | $(63,420)$ | 8.88\% | 14.009 | \$ | $(77,487)$ | \$ | $(30,000)$ | 8.88\% | 17.009\% | \$ | $(37,554)$ | \$ | $(57,520)$ |  | x |  |
| 010 | ; Structural | Eliminate deep foundation wall for future Medford St. retail construction | \$ | $(164,000)$ | 8.188, | 14.006; | \$ | (200,375) | \$ | $(220,000)$ | 8.188 ; | 13.00\%; | S | $(266,596)$ | \$ | $(233,486)$ | $x$ |  | Accepted by SBC on 12/20 |
| 011 | Site | Eliminate decorative retaining walls along Medford St. - replace with lawn | \$ | $(127,600)$ | 8.884 | ${ }^{14.009}$ | \$ | $(155,902)$ | \$ | $(192,000)$ | ${ }^{8.88 \%}$ | ${ }^{13007}$ | \$ | $(232,666)$ | \$ | $(194,284)$ | $x$ |  | Need to engage Medord St elevation to eliminate basement feeling of c .74 programs |
| 012 | !Misc incl Divid | ;Reduce GCs to reflect Suffolk condensed phasing approach |  | (\$4,314,025) |  |  | \$ | (4,314,025): |  | ( $\$ 4,314,025)$ ! |  |  | \$ | $(4,314,025)$ | \$ | $(4,314,025)$ |  |  | X captured in reconciled estimates |
| 013 | Misc Cincl Difid | ;Reduce GRs to reflect Suffolk condensed phasing approach |  | (\$6,330,584) |  |  | 5 | $(6,330,584)$; |  | ( $56,330,584$ ) |  |  | \$ | $(6,330,584)$ | \$ | $(6,330,584)$ |  |  | X captured in reconciled estimates |
| 014 | IMisc cinco | Merge Phase 2 \& 3, reduce overall schedule by 1 year, extend modular classroom rental window |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 015 | !Misc Cincl Divi | Begin enabling work early - Summer/Fall 2017 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 016 | [arch - Exereioig | GYM WALL |  |  |  |  |  | NA |  |  |  |  |  | NA |  |  |  |  |  |
| 017 | \|ach- Exterio! | Eliminate aluminum fins at rear of gym | \$ | $(496,000)$ | 8.88\% | 7.300 | \$ | $(572,781)$ | \$ | (268,800) | ${ }_{8} 8.88$ | 9.008 | \$ | $(314,980)$ | \$ | $(443,880)$ |  |  | x |
| 018 | \|arch - Exereio! | Simplify rear of gym, maximize remaining available budget | \$ | $(398,610):$ | 8.888 | 7300 [ | \$ | (460,315) | \$ | $(482,040)$ ! | 8.888 ; | 9.00\%\| | S | (564,854) | \$ | $(512,585)$ | $\times$ |  | Accepted by SBC on 12/20 |
| 019 | - Exereio | Simplify aluminum fins at existing gym elevation along Medford St. (reduce LF cost by $1 / 3$ by making single sided system) |  | $(164,920)$ | 8.88 | ${ }^{7308}$ | \$ | $(190,450)$ | \$ | $(89,600)$ | ${ }_{8} 8.88$ | 9.00\% | \$ | $(104,993)$ | \$ | $(147,721)$ |  |  | $x$ |
| 020 | \|Arch-Exteriof | BUILDING FAÇADE |  |  |  |  |  | NA |  |  |  |  |  | NA |  |  |  |  |  |
| 21 | Arch-Exterio\| | Exterior Materials Redesign LEVEL 1 - REAR OF BLDG (incl removal of 4000SF of curtainwall, keep terra cotta in scope) | \$ | $(867,122)$ | ${ }^{8.88 \%}$ | ${ }^{730 \%}$ | \$ | $(1,001,352)$ | \$ | $(692,235)$ | 8.88\% | 900\% | \$ | (811,161) | \$ | (906,256) | $\times$ |  | Accepted by SBC on 12/20 |
| 21B | \|Aarc-Exterio! | Exterior Materials Redesign LEVEL 2 - ALL AROUND (incl removal of 4000SF of curtainwall) | \$ | (867,122) | 8.889 | 7.309] | \$ | (1,001,352) | \$ | $(692,235)$ ! | 8.18\% ${ }^{\text {a }}$ | 2000 | \$ | (811,161) | \$ | $(906,256)$ |  |  |  |
| 022 | rch-Exteriod | Change terra cotta cladding to 4 " CMU veneer (assume $\$ 63 / \mathrm{sf}$ savings - $(\$ 85 / \mathrm{sf}-\$ 25 / \mathrm{sf}+\$ 3 / \mathrm{sf}$ savings for fiberglass girt) |  | $(1,316,840)$ | $8.88 \%$ | 730\% | \$ | $(1,520,687)$ | \$ | $(1,481,445)$ | ${ }^{8.888}$ | 9.00\% | \$ | $(1,735,957)$ | \$ | $(1,628,322)$ |  |  | x |
| 023 | \|Arch-Exterio | Change terra cotta cladding to high quality brick (assume $\$ 28 /$ sf savings - (\$85/sf$\$ 50 / \mathrm{sf}+\$ 3 / \mathrm{sf}$ savings for fiberglass girt) | \$ | $(940,600)$ | ${ }^{8.188 \%}$ | ${ }^{730 \%}$ | \$ | (1,086,205) | \$ | $(658,420)$ | ${ }^{8.888}$ | 9.0\%\% | \$ | $(771,537)$ | \$ | $(928,871)$ |  |  | x |
| 024 | -Exerio | Change terra cotta cladding to avg quality brick (assume $\$ 38 / \mathrm{sf}$ savings - $(\$ 85 / \mathrm{ff}-\$ 40 / \mathrm{ff}+\$ 3 / \mathrm{sf}$ savings for fiberglass girt) |  | $(1,105,205)$ | ${ }^{8.88}$ |  | \$ | $(1,276,291)$ | \$ | $(893,570)$ | ${ }^{8.888}$ | ${ }^{900 \%}$ | \$ | $(1,047,085)$ | \$ | $(1,161,688)$ |  |  | x |
| 025 | - Exereio | Change terra cotta cladding to larger size roman brick (assume $\$ 43 /$ sf savings - (\$85/sf$\$ 35 / \mathrm{sf}+\$ 3 / \mathrm{sf}$ savings for fiberglass girt) | \$ | (1,246,295) | ${ }^{8.88}$ | ${ }^{7308}$ | \$ | (1,439,221) | \$ | (1,011,145) | ${ }^{8.888}$ | 900\% | \$ | $(1,184,860)$ | \$ | $(1,312,041)$ |  |  | x |
| 26 A | \|Acrc-Exterio! | Change terra cotta sun shade to aluminum sun shade - LEVEL 1 REDUCTION | \$ | $(229,100)$ : | 8.888 ; | 7300\% | \$ | (264,565) | \$ | $(198,000)$ ! | 88.88 ; | 9.00\% | \$ | $(232,016)$ | \$ | $(248,291)$ | $x$ |  | Accepted by SBC on 12/20 |
| 26 B | \|Acrc-Exterio! | Change terra cotta sun shade to aluminum sun shade - LEVEL 2 REDUCTION | \$ | $(229,100)$ : | 8.888 | 7300\% | \$ | (264,565) | \$ | $(198,000)$ ! | 8.188 ; | 9.00\% | S | $(232,016)$ | \$ | $(248,291)$ |  | x |  |
| 027 | \|Aarc-Exteriof | Eliminate 1 rectangular sklight \& 2 circular skylights | \$ | $(47,648)$ ! | 8.88\% | 7300\% | \$ | $(55,024)$ ! | \$ | $(43,000)$ : | 8.188 \| | 9.00\% | \$ | $(50,387)$ | \$ | $(52,706)$ |  | x |  |
| 028 | \|acrc- Exereiof | Eliminate roof screens altogether | \$ | (958,270) | ${ }^{8.888}$; | $7.30 \mathrm{c} /$ | \$ | $(1,106,610)$ | \$ | $(858,555)$ | ${ }^{8.888}$; | $9.00 \%$ \% | s | $(1,006,055)$ | \$ | $(1,056,332)$ |  |  | x |
| 029 | Arch - Exterio! | Limit roof screen scope to only critical visual areas ( eliminate 232 LF of 16 ft screen), alleviate acoustic requirement, lower most screens from 16 ft to 12 ft ( $300 \mathrm{LF} * 4 \mathrm{ft}$ lowered), change remaining acoustic screens to perforated visual screens ( $300 \mathrm{LF} * 12 \mathrm{ft}$ changed) - assume $\$ 10 / \mathrm{sf}$ savings - to be confirmed), change terra cotta-clad screen wall to brick-clad. Leave structural support for future screening. | \$ | $(477,475)$ | ${ }^{81889}$ | 7308 |  | $(551,388)$ | \$ | $(447,960)$ | ${ }^{8.188}$ | Som | \$ | $(524,920)$ | \$ | $(538,154)$ |  |  |  |
| 030 | Aarch-Exteriof | Eliminate all other roof screens, including critical visual areas | \$ | $(480,795)$ | ${ }^{8.888}$; | 7300 | \$ | (555,222) | \$ | (410,595) | ${ }^{8.88 \%}$ | 9.008 | \$ | (481,135) | \$ | (518,179) |  | x |  |
| 031 | \|Acrc-Exterio! | Eliminate green roof (cafeteria terrace) | \$ | $(249,750)$ | 8.888 | 2.30 m ; | \$ | (288,411) | \$ | $(240,000)$ | 8.188 \| | 0.00 | S | (281,232) | \$ | (284,822) | $\times$ |  | Needed to support ed program |
| 032 | Aarch Exterio! | Move electrical shop green roof pavers to future install, reduce green roof landscape appurtances (benches \& plant material) at Level 3 | \$ | $(34,620)$ | 8.88 | 7300 | \$ | $(39,979)$ | \$ | $(34,620)$ | 8.188 | 900\% | \$ | $(40,568)$ | \$ | $(40,273)$ | ${ }^{\text {x }}$ |  | Needed to support ed program |
| 033 | IArch-Exterio! | Change auditorium roof from standing seem copper to standing seam painted metal | S | $(109,980)$ : | 8.88\% | 7.300 | \$ | $(127,005)$ | \$ | $(104,880)$ : | ${ }_{8} 8.88 ;$ | 9.00\% | S | (122,898) | \$ | (124,952) | $x$ |  | Accepted by SBC on 12/20 |
| 034 | \|arch- Interiof, | Eliminate barrier 1 admix | 5 | $(291,420)$ | 8.188; | 7.30\% | \$ | $(336,532)$ ! | \$ | $(216,884)$ ! | ${ }^{8.188 \%}$ | 9.00\% | \$ | (254,145) | \$ | $(295,338)$ |  | x |  |
| 035 | Arah- Interiof ${ }^{\text {a }}$ | :BUILDING LAYOUT |  |  |  |  |  | NA |  |  |  |  |  | NA |  |  |  |  |  |




