

A



B



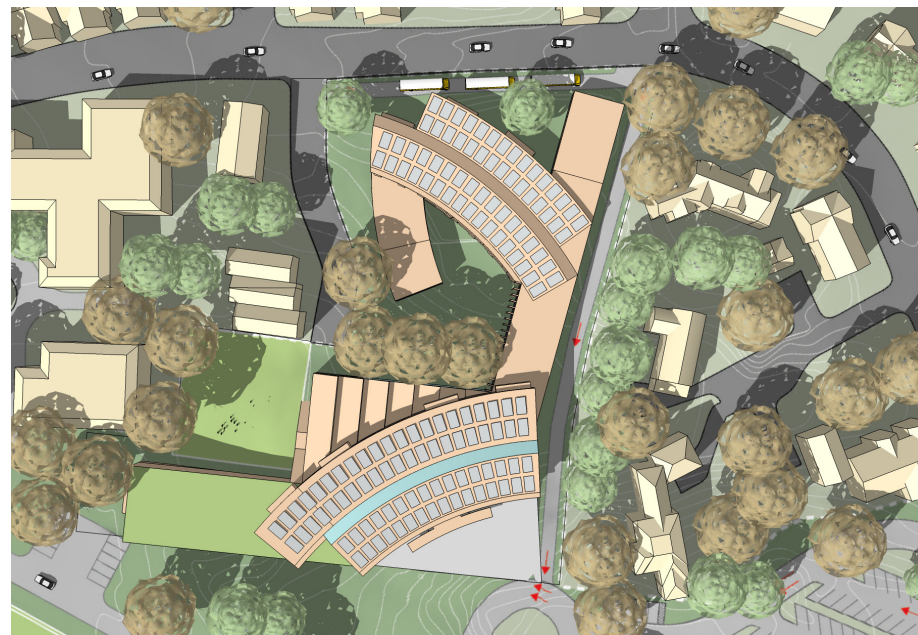
C



D



E





Brookline 9th Elementary School

Evaluation Matrix for Alternative Design Strategies

1/10/2017

KEY	+	Advantageous
	o	Neutral
	-	Disadvantageous
	--	Very Disadvantageous

PROJECT EVALUATION CRITERIA	Option A	Option B	Option C	Option D	Option E	Comments
1 Total Project Cost	TBD	TBD	TBD	TBD	TBD	To be Determined
2 Traffic	o	o	o	o	o	All options effectively identical
3 Open Space	o	-	+	+	o	B has least open area, C and D have most
4 Impact to Neighbors	o	o	o	+	+	D and E have smallest apparent massing, residential scale facing neighbors
5 Safety - Outside School Building	o	-	o	o	-	Enclosed courtyards not visible from exterior
6 Security - Inside School Building	o	o	+	+	o	C and D have clearest lines of sight
7 Education Plan Enhancement	o	o	o	+	o	2 group commons facilitate collaboration
8 Classroom Shapes and Adjacencies	+	o	+	+	+	B has single loaded corridors
9 Cohort Configuration	+	o	+	+	o	A, C, and D have most clearly defined cohorts
10 Beneficial Relationship with Soule	+	+	+	+	+	All options enlarge fields, rebuild currently inaccessible gym
11 Community Use	+	+	+	+	+	All options allow community use of gym and auditorium
12 Flexibility of Use - Future Use	o	o	o	o	o	All options effectively identical
13 LEED /Sustainability / Daylighting	+	o	-	+	o	A and D have best solar orientation, C has the least preferable
14 Building Massing/Site Coverage	o	-	-	+	+	B and C look most massive, D and E more human scale
16 MEP Accommodation	+	-	--	+	o	Solar orientation impacts heating and cooling HVAC requirements
17 Athletic Use	+	+	+	+	+	All options to have new facilities and access to enlarged Soule upper fields
18 Deliveries	o	o	+	o	o	C has most central location for deliveries
19 Schedule Duration / Risk	o	-	o	o	o	B has least site area available for lay-down and staging
20 Site Remediation	o	o	o	o	o	All options effectively identical
21 Hazardous Material Removal	o	o	o	o	o	All options effectively identical
22 Long term Maintenance / Repair Cost	o	-	o	o	-	B and D have most exterior skin
23 Operating Cost	+	-	-	+	o	Solar orientation and exterior skin quantity impact heating and cooling loads