

Schematic Design

Uxbridge High School Public Forum #3

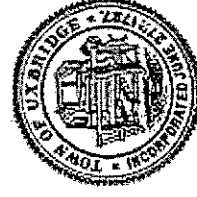
June 15, 2010

Uxbridge High School

Public Forum #3: June 15, 2010

Historic Milestones

- Nov. 15, 2005: Town voted to approve the purchase of land on Quaker Highway for the construction of a new High School
- Nov. 2008: Town voted to fund the Feasibility Study
- Aug. 2009: Public Forum #1 – Feasibility Study
- Sept. 2009: Public Forum #2 – Feasibility Study
- Sept. 2009: SBC selected preferred alternative (*High School*)
- Oct. 2009: Feasibility Study submitted to MSBA
- Mar. 31, 2010: MSBA Board voted to authorize schematic design for the District's Preferred Alternative - **New Construction at Quaker Highway**
- Apr. 5, 2010: Public Forum #1 – Schematic Design
- Apr. 2010: Commencement of Schematic Design

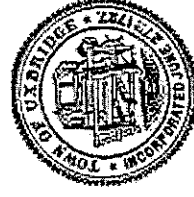


Uxbridge High School

Public Forum #3: June 15, 2010

Schematic Design Milestones

- | | |
|----------------|--|
| Apr. 5, 2010 | Public Forum #1 – Schematic Design |
| Apr. 2010: | Commencement of Schematic Design |
| May 12, 2010: | Public Forum #2 – Schematic Design |
| May 21, 2010: | Final Schematic Design package submitted to estimators |
| June 14, 2010: | Final Schematic Design package submitted to MSBA |
| June 15, 2010: | Public Forum #3 – Schematic Design (LAST) |
| June 19, 2010: | Uxbridge Special Town Meeting |
| June 22, 2010: | Debt Exclusion Vote |



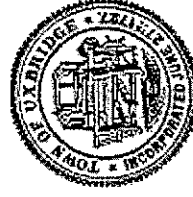
Uxbridge High School

Public Forum #3: June 15, 2010

Why the SBC Chose the Quaker Highway Option as the Preferred Alternative

- Educational program (needs)
- Reduce district wide overcrowding in our schools #1 REASON
- Minimize impact to students
- Better value to the community in the long term

** For a detailed analysis refer to the SBC Narrative
Parts I, II and III.*



Uxbridge High School

Public Forum #3- June 15, 2010

MSBA Guidelines for the Quaker Highway Project

- The proposed new facility must not exceed 123,000 SF
- The total project budget must not exceed \$43M based on \$350/SF
- The MSBA's maximum total facilities grant would not exceed \$23M
- The District will hold at least three additional public forums

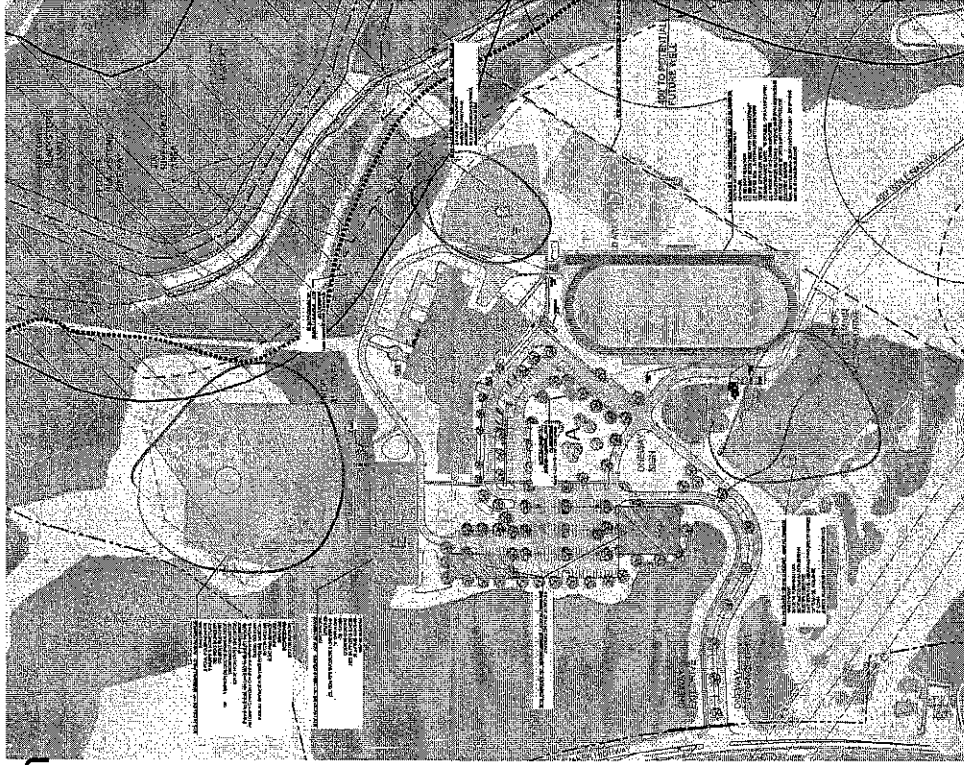
DONE



Uxbridge High School

Public Forum #3, June 15, 2010

Proposal: Quaker Highway Site Plan



Schematic Design Site Work- BASE BID

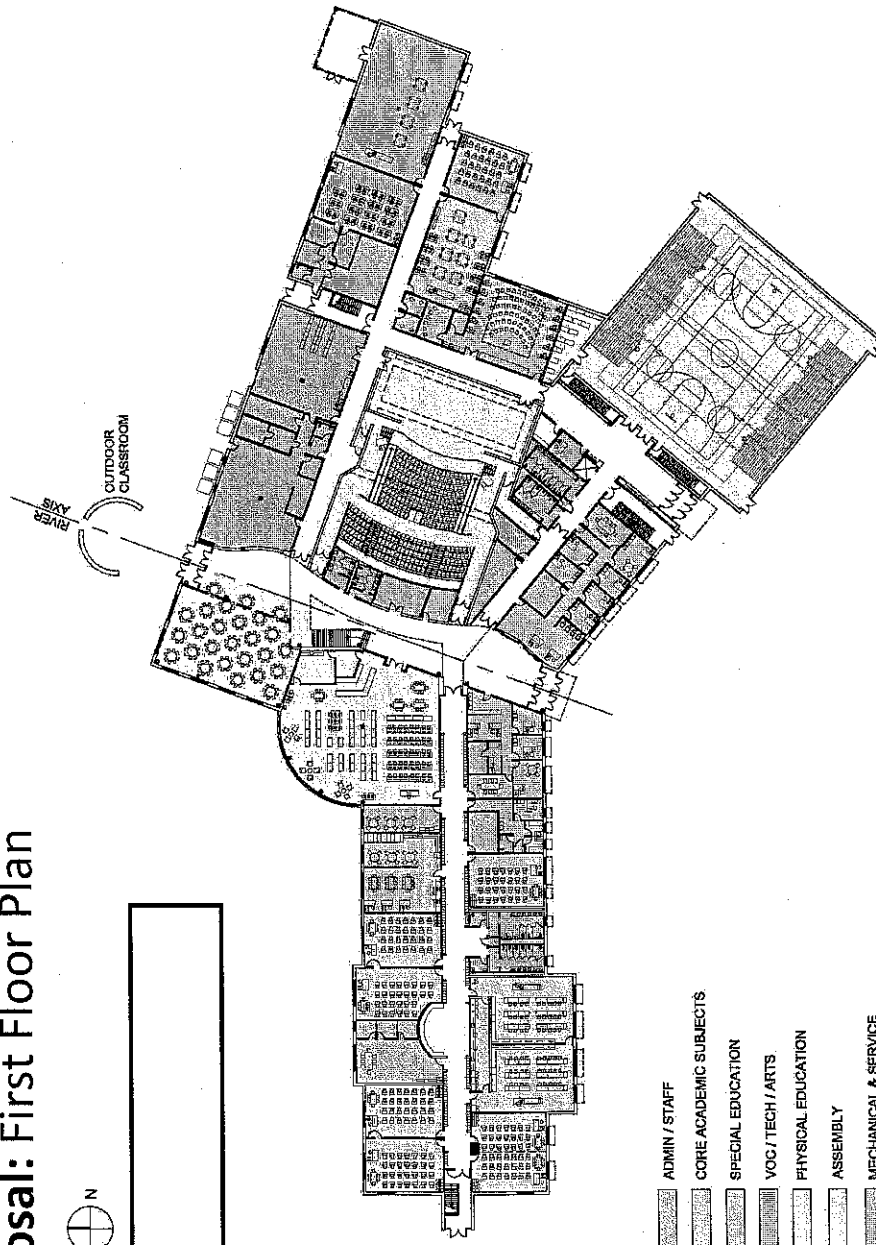
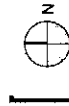
- Site preparation, erosion control, grading
- School building pad and utility connections
- Off site road improvements along Quaker Highway
- Boulevard access driveway off Quaker Highway; pavement, pavement markings, site sign, street lights, guardrail, curbing, planting, drainage.
- Interior access drives and parking areas; pavement, pavement markings, site sign, street lights, guardrail, curbing, landscaping, crosswalks, accessible curb ramps, signage, flag poles
- Service/emergency drive; pavement, lighting, drainage, walkways, turn-around, guardrail, landscaping, dumpster storage area, pervious paver turn-around/patio area.
- Site utilities and stormwater management systems; gas, electric, drainage, sewer, water, infiltration units, rain gardens, bioretention areas
- Athletic facilities; grading, lawn, seed, water service, automatic irrigation system, walkways, paved access/emergency drive, accessible parking, 400 meter track with synthetic surface, natural turf football field and field events area inside track, multi-use athletic field area adjacent to track.
- North gravel pit restoration; fill, loan, seed, water service, walkway, soccer field.

SCHEMATIC DESIGN - BASE BID & ADD ALTERNATES

Uxbridge High School

Public Forum #3: June 15, 2010

Proposal: First Floor Plan



- ADMIN / STAFF
- CORE ACADEMIC SUBJECTS
- SPECIAL EDUCATION
- VOC / TECH / ARTS
- PHYSICAL EDUCATION
- ASSEMBLY
- MECHANICAL & SERVICE

FLOOR PLANS

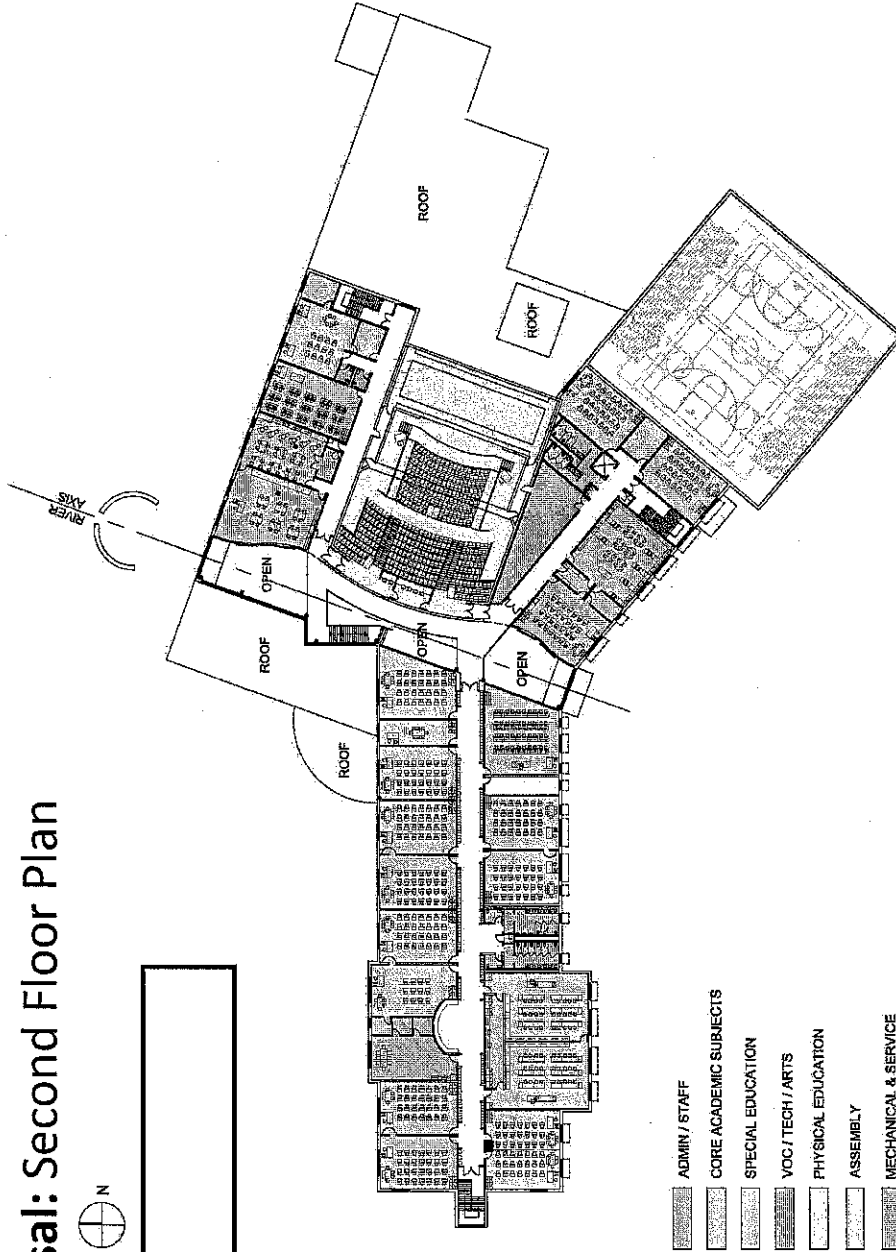
UXBRIDGE HIGH SCHOOL

246 - 270 QUAKER HIGHWAY UXBRIDGE MASSACHUSETTS 01569

Uxbridge High School

Public Forum #3: June 15, 2010

Proposal: Second Floor Plan



- ADMIN / STAFF
- CORE ACADEMIC SUBJECTS
- SPECIAL EDUCATION
- VOC / TECH / ARTS
- PHYSICAL EDUCATION
- ASSEMBLY
- MECHANICAL & SERVICE

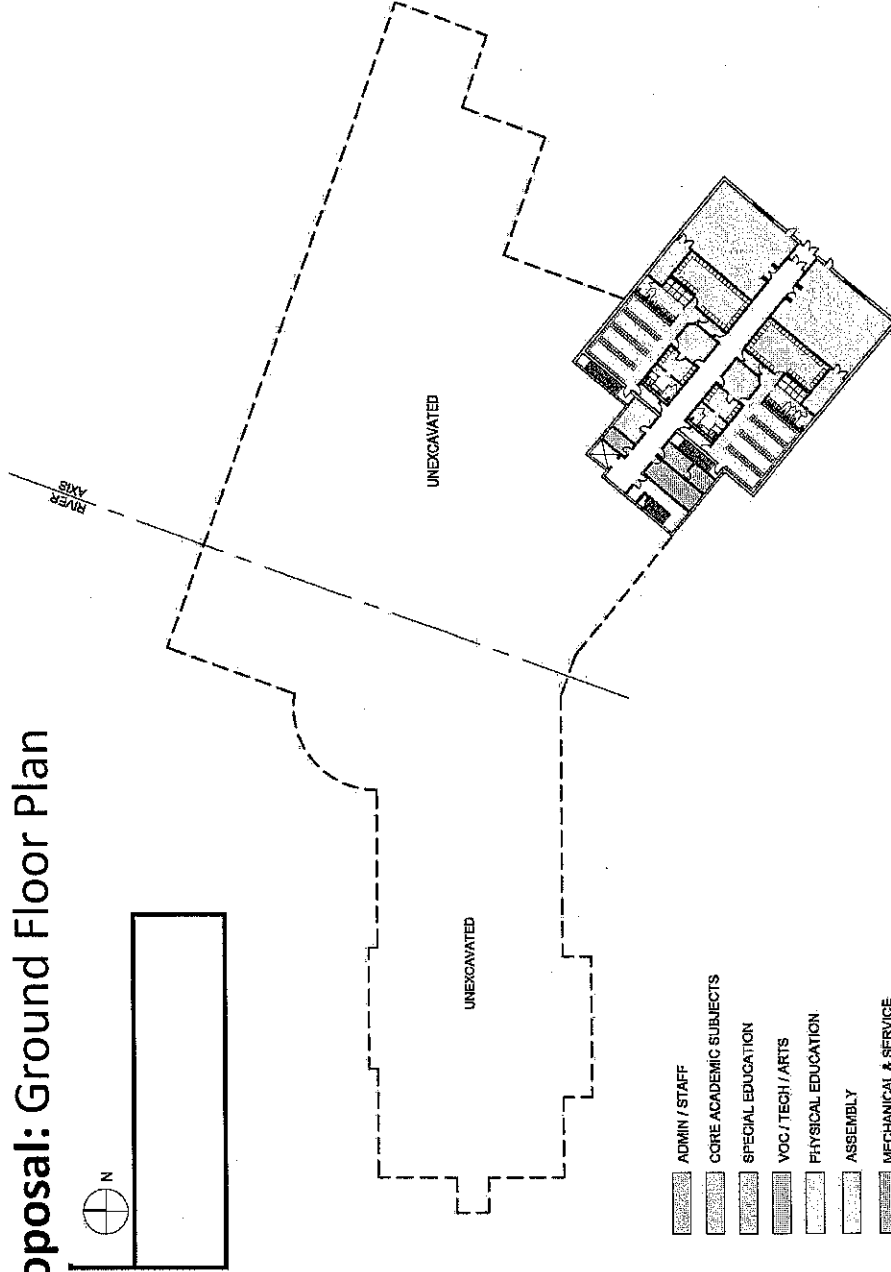
UXBRIDGE HIGH SCHOOL
246 - 270 QUAKER HIGHWAY UXBRIDGE MASSACHUSETTS 01569

FLOOR PLANS

Uxbridge High School

Public Forum #3: June 15, 2010

Proposal: Ground Floor Plan



FLOOR PLANS

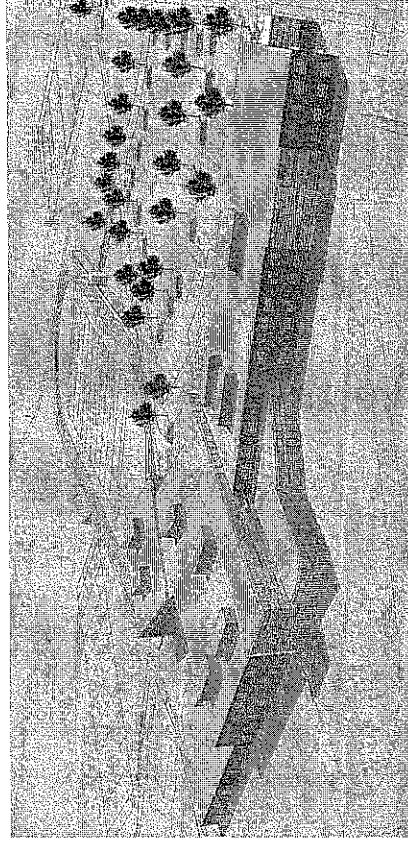
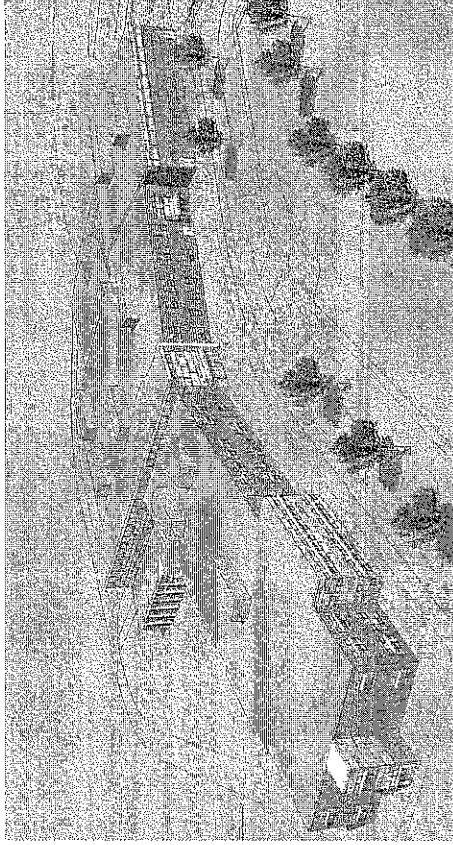
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Uxbridge High School

Public Forum #3: June 15, 2010

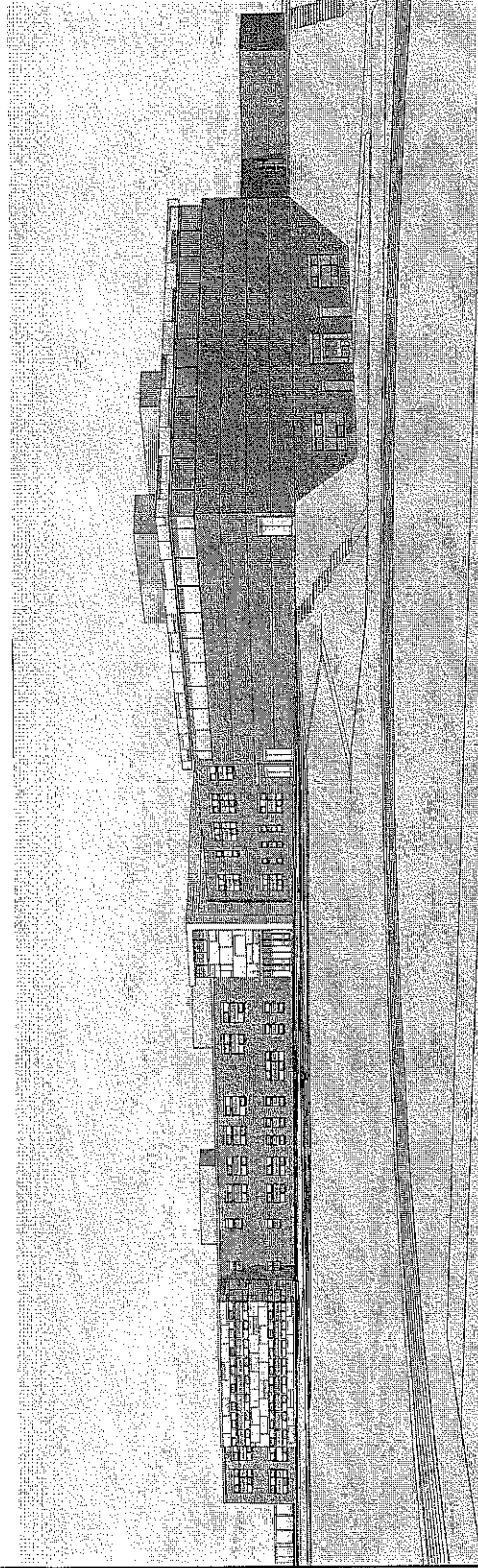
Proposal: Exterior Perspectives (included in base bid)



Uxbridge High School

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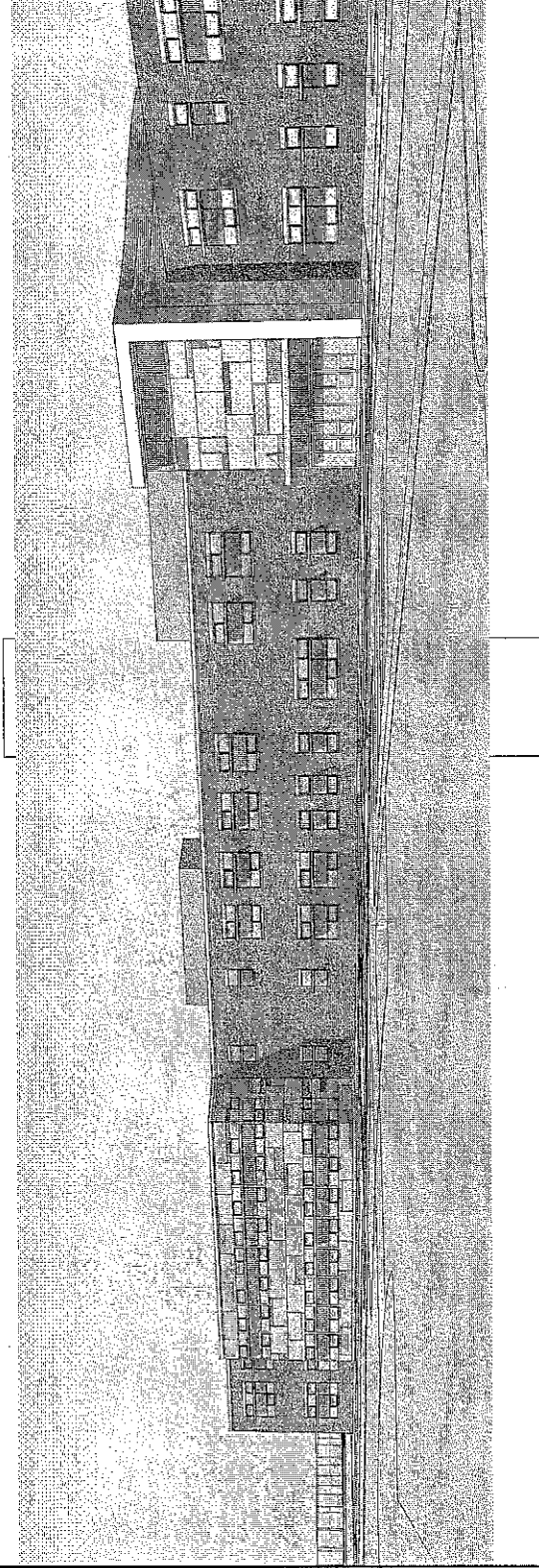
Proposal: Exterior Perspectives (included in base bid)



Uxbridge High School

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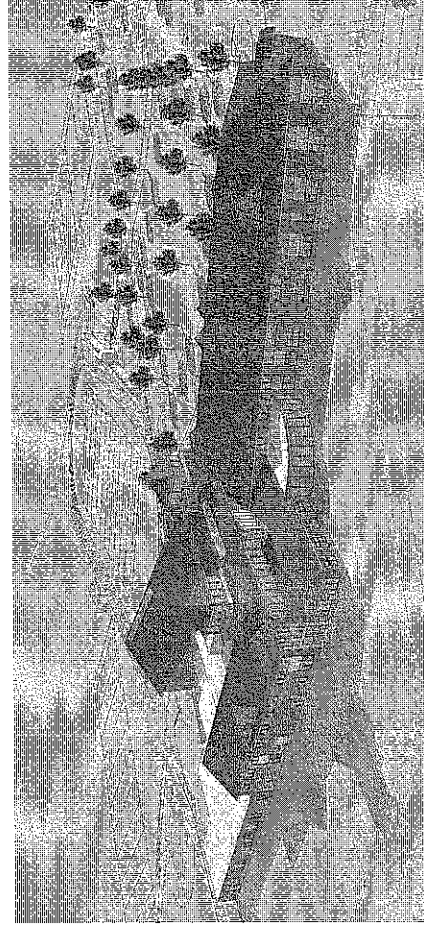
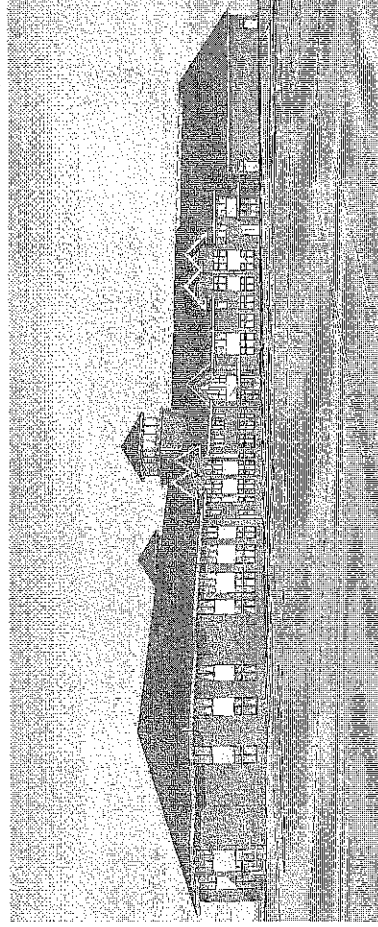
Proposal: Exterior Perspectives (included in base bid)



Uxbridge High School

Public Forum #3: June 15, 2010

Proposal: Exterior Perspectives (sloped roof add alternate)



Uxbridge High School

Project Budget

Uxbridge High School

Schematic Design - Total Project Budget

June 11, 2010

District:

Uxbridge, MA

Proposed Project: Uxbridge High School

Estimated Costs

1000	0000	ADMINISTRATION	
101	0000	Legal Fees	
102	0102	Owner's Project Manager	\$ 1,331,670
103	0103	Advertising and Printing	\$ 70,000
104	0000	Permit Fees	
105	0000	Owner's Insurance	
199	0199	Other Administrative Costs	\$ 5,000
		Subtotal:	\$ 1,406,670

2000	0000	ARCHITECTURE & ENGINEERING	
201	0201	Basic Services	\$ 3,185,360
202	0000	Extra Services	
203	0203	Reimbursable Services	\$ 35,000
204	0204	Subconsultants (not in Basic Services)	\$ 220,000
		Subtotal:	\$ 3,440,360

300	0000	SITE ACQUISITION	
301	0000	Land/Building Purchase	\$ -
302	0000	Appraisal Fees	\$ -
303	0000	Recording Fees	\$ -
		Subtotal:	\$ -

600	0000	CONSTRUCTION COSTS	
601	0000	Pre-Construction Services	\$ 100,000
602	0000	Construction Costs	\$ 28,363,960
		Subtotal:	\$ 28,463,960
		Subtotal:	\$ 28,463,960

Public Forum #3: June 15, 2010

Indirect Construction Costs		
	Insurance	\$ 464,000
	General Contractor Bonds	\$ 216,000
	Contingencies (Design & Pricing)	\$ 5,044,366
	General Conditions	\$ 1,400,000
	Overhead & Profit	\$ 842,251
	Escalation to Mid-Point of Construction	\$ -
	Indirect Cost Subtotal:	\$ 5,066,617

Scopes to be included if bidding climate allows (potential Alternates)		
	[Not listed in the order of priority]	
	Site Area B	\$ 997,531.00
	Site Area C	\$ 103,939.00
	Site Area D	\$ 607,364.00
	Site Area E	\$ 415,561.00
	Site Area F	\$ 915,434.00
	Site Area G	\$ 463,573.00
	Rain harvesting	\$ 109,000.00
	Sloped Roof	\$ 621,714.00
	HVAC Energy Recovery	\$ 200,236.00
	Adt 87 parking spaces	\$ 92,594.00
	Alternates Subtotal:	\$ 3,440,360

0401	0300	Total Construction Costs Without Alternates:	\$ 34,430,607
0402	0300	Construction Contingency (5%)	\$ 1,721,530
		Construction Costs including Contingency	\$ 36,152,137

600	0000	MISCELLANEOUS PROJECT COSTS	
601	0000	Utility Company Fees	\$ -
602	0602	Testing Services	\$ 100,000
603	0000	Swing Space/Modulars	\$ -
609	0609	Other Project Costs (Structural Peer Review)	\$ 15,000
		Subtotal:	\$ 115,000

700	0000	FURNISHINGS & EQUIPMENT	
701	0701	Furnishings (inc Maintenance Equip, Library Books)	\$ 720,000
702	0000	Maintenance Equipment	\$ 720,000
709	0709	Computer Equipment	\$ 720,000
		Subtotal:	\$ 1,440,000

800	0000	OWNER'S CONTINGENCY	
801	0000	Owner's Contingency	\$ 345,833
		Subtotal:	\$ 345,833

		PROJECT TOTAL:	\$ 43,000,000
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Uxbridge High School

Public Forum #3: June 15, 2010

Cost Impact to Taxpayers*

Item	Description	Monthly Cost to Average Taxpayer	Yearly Cost to Average Taxpayer
1	30 years; level debt	\$23.01	\$276.16
2	30 years; declining debt	\$20.29	\$243.49
3	20 years; level debt	\$27.19	\$326.30
4	20 years; declining debt	\$25.96	\$311.50

22,093,070
6,1526 YR.

*The above data is based on a 5.5% interest rate. Should Be Lower!!

1.15
FEASIBILITY
STUDY
UNIVERSITY

Note: This information was obtained from the Office of the Finance Director and the Town Treasurer Collector

OP OVERALL \$313,000 blg, on \$50,000

Thank You

Town Meeting on Saturday, June 19, 2010