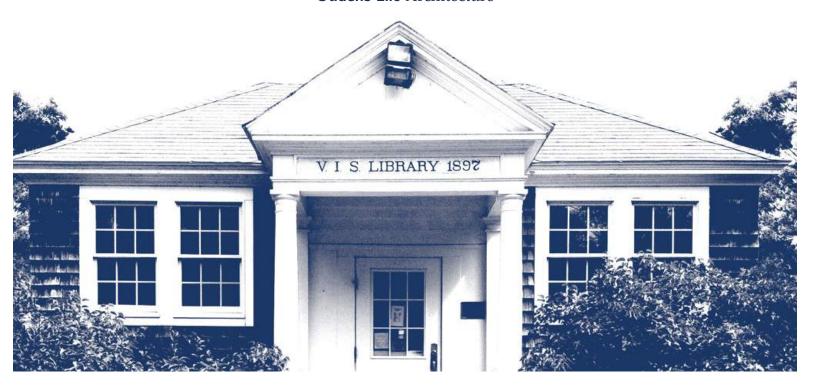
Eastham Public Library

Eastham, Massachusetts

Project Meeting #14
April 2, 2014

Oudens Ello Architecture





LEED v3 for New Construction and Major Renovations

Project Matrix
Project Name: Eastham Public Library
Project Location: 190 Samoset Rd 02642
Date of Review: March 14, 2014

EED Project Numbers

General Notes

LEED Goal: 2.18.14: As high as possible within budget tolerance

Bidg area: 17,934sf (per initial modet calcs)

Parking: 15 spaces

Site Area: 192,000sf Assume LEED boundary will include entire parcel.

FFE 2.41*TGE assumes 9 total (5 staff & 4 Volunteers/day) based on 7 staff & 57 volunteer total

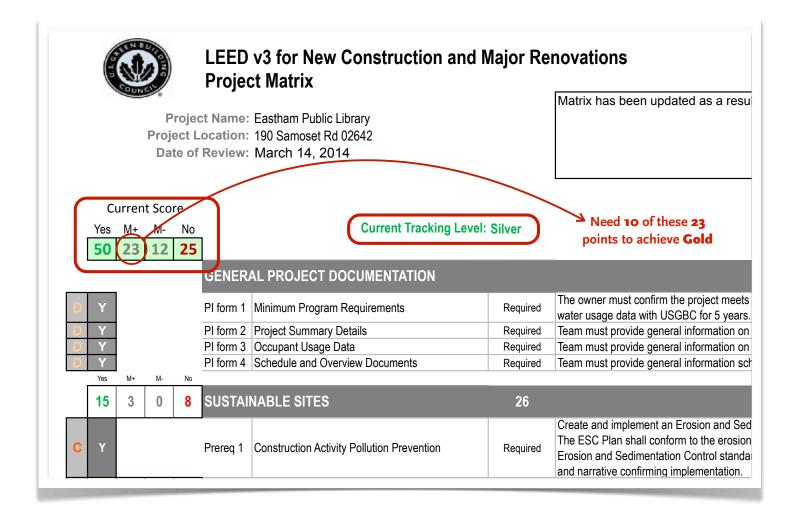
Visitors: 2.18.14: 35,340 annual users - TGE assumes 1004day

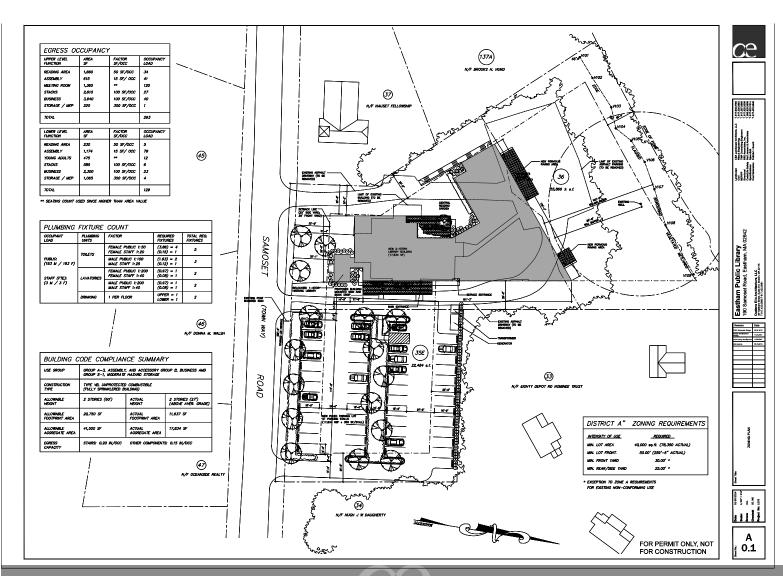
	U	urren	t Sco	re				
	Yes	M+	M-	No		l: Silver		
	50	23	12	25				
					GENER	AL PROJECT DOCUMENTATION		
D	Υ				PI form 1	Minimum Program Requirements	Required	Th
D	Υ				PI form 2	Project Summary Details	Required	Te

		GENER	AL PROJECT DOCUMENTATION		Abriagea Requirements	Party	Notes & Status
Y		PI form 1	Minimum Program Requirements	Required	The owner must confirm the project meets the Minimum Program Requirements AND commit to sharing whole-building energy and water usage data with USGBC for 5 years.		REQUIRED: 2.18.14 Eastham committed to share energy and water use data with the USGBC for the first 5 years. TGE distributed MRP package.
Y		PI form 2	Project Summary Details	Required	Team must provide general information on project size, site characteristics and energy & water sources	Team	REQUIRED: Team must provide general information on project size, site characteristics and energy & water sources
Y			Occupant Usage Data	Required	Team must provide general information on occupancy and space usage	Team	REQUIRED: Team must provide general information on occupancy and space usage
Y M		PI form 4	Schedule and Overview Documents	Required	Team must provide general information schedule AND provide overview documents and narratives	Team	REQUIRED: Team must provide general information schedule and provide overview documents and narratives
15 3	8	SUSTAI	NABLE SITES	26	Abridged Requirements	Resp. Party	Notes & Status
Υ		Prereq 1	Construction Activity Pollution Prevention	Required	Create and implement an Eriscian and Sedimentation Control (ESC) Plan for all construction activities associated with the project. The ESC Plan shall conform to the enrollon and sedimentation reags of the 2003 ESPA Construction Centeral Permit OR local Eriscian and Sedimentation Control standards and codes, whichever is more stringent. Provide date-stamped photos showing land narrative confirming initedimentation.	Nitsch/GC	REQUIRED: Limited ESC information in drawing set. Spec includes 312500 Sedimentation and Erosion Control requirements. CM must implement and document compliance
	1	Credit 1	Site Selection	1	Do not develop fauldings, hardscape, noads or parking series on portions of lists that need any of the following ordinate. Primis familiand as defined by the American Familiand Titust, -previously undeveloped and whose elevation is lower than 5 feet above the elevation of the 100-year flood as defined by FEMA. A and that is specifically identified as habitat for any species on the Federal or Stalls hreatened or endangered ist. Within 100 feet of any wettand as solered by 40 CFR, Parts 230-233 and Part 22. On as defined by local or state into or law whiches or smoot stringent, repressorsly undeveloped and that is within 50 feet of a water body which support or could support fine, necreation or industrial use, consistent with the terminology of the CVM Land which prior to acquisition for the project was public parkfault, unless land of opinior of parts value as parkfault is accepted in table by the public indown.	n.a.	3.14.14: Moved to 'No'. Building within 100ft of wetland area
	5	Credit 2	Development Density and Community Connectivity	5	Construct or renovable building on a previously developed side and in a community with a minimum development density of 68,000 sequence feet parts cert 2 dang downtown development. (DR Construct or renovable building on a previously developed site AMD within 1/2 mile of a residential zone or neighborhood with an average density of 10 units/acre net AMD within 1/2 mile of at least 10 Basic Services AMD with predestina coses between the building and the services.		Internet survey appears to show that site area does not meet density or connectivity requirements
1		Credit 3	Brownfield Redevelopment	1	Projects can only obtain this point by remediating a site documented as contaminated by means of an ASTM E1903-97 Phase II Environmental Site Assessment or a local voluntary cleanup program OR as defined as a brownfield site by a local, state of federal lowerment assence	Env Eng	3.14.14: Nitsch informed that there was an oil release in parking area at some point. Showing compliance may prove difficult. Carried a "Maybe", based on possible contamination within existing building
6		Credit 4.1	Alternative Transportation - Public Transportation Access	6	Locate with 1/2 mile of a existing or planned commuter rail, light rail or subway station OR 1/4 mile of 2 or more bus lines.	Team	2.18.14: Library Cmte confirmed that the "Flex" line of the Cape Cod Regional Transit Authority (www.capecodrta.org) & P&B bus (4x d stops within 1/4m of project. Stop is 1265' from building entrance.
	1	Credit 4.2	Alternative Transportation - Bicycle Storage and Changing Rooms	1	Provide secure bike racks and/or storage (within 200 yards of building entrance) for 5% or more of all building users (measured at peak periods). AND provide shower and changing facilities in the building, or within 200 yards of a building entrance, for 0.5% of FTE occupants.	n.a	Project does not comply. No shower or bike storage shown in set. 2.18.14 Limited interest in shower in project. Bike storage will be provided. Library connects to bike path network.
3		Credit 4.3	Alternative Transportation - Low-Emitting and Fuel- Efficient Vehicles	3	Provide preferred parking for low emitting and fust-efficient vehicles for 5% of the fold vehicle parking capacity of the site. Providing at discounted parking rate is an acceptable substitute for preferred parking for low-emittingfust-efficient-white. The parking rate must be discounted a minimum of 20%. The discounted rate must be available to all customers and publically posted at the entrance to the parking area and available for an imimum of 27 xs.	Nitsch/Easthan	2.18.14: Library Crite approved providing preferred parking spaces. 3.14.14: Nisch will locate 3 LEFE parking spaces in preferred locations, and include signage detail. Possibility to add a 6 combined LE HOV spaces to safety SSG 3.3 SSG 41 oggether.
2		Credit 4.4	Alternative Transportation - Parking Capacity	2	Option 1: Size parking capacity not to exceed minimum local zoning requirements AND provide preferred parking for carpools or vampois capable of enviring 5% of the table provided parking spaces. (AR Option 2: For projects that provided parking for the stand provide parking for the stand provide parking for the stand 5% of the stand provide parking results are stand 5% of total parking spaces, (a discounted parking rate is acceptable see SS-C3 for details). OR Option 3:7% of the one per parking.	Nitsch/Easthan	2.18.14 Library approved providing preferred parking if signage can include language beyond just "Carpool Only" to include 'Mother' & Core shiral. There is no firm USGBC ruling on all signage, but some anecdotal evidence suggests that teams can use "Reserved HOV Pa Only". Parking casack = 1/3/Staf
1		Credit 5.1	Site Development - Protect or Restore Habitat	1	On geneficial sites, limit distribution including earthwork and clearing of vegetation to 40 feet beyond the building perimeter. 10 feet beyond surface walkneys, patios, surface parking and utilities less than 12 inches in diameter, 15 feet beyond primary roadway crubs, walkneys, and main utility transh trenches, and 25 feet beyond perivious paving areas that require additional staging areas in order to limit compaction in the paved area. OR on previously developed sites, restore a minimum of 50% of the site (excluding bidg footprint) or 20% of the botal site area (notuding footprint), whichever is greater, with matter or adapted vegetation.	CBA	Field grass and existing tree areas = -25,000sf which is greater than footprint or 20% of site site: 22,000sf *20% = 16,400sf footprint: -12,000sf
1		Credit 5.2	Site Development - Maximize Open Space	1	Reduce the development footprint (including building, access road and parking) and/or provide vegetated open space within the project boundary to exceed the local zoning's open space requirement for the laby 25% for areas with no local zoning reap, provide vegetated open space area adjacent to the building that is equal to the building footprint. OR where a zoning ordinance exists, but there is no requirement for open space (zero,) provide vegetated open space equal to 26% of the project's site such	CBA	Achievement seems likely, but review of Eastham zoning shows no open space requirement for municipal buildings. Need a better understanding of open space requirements to determine compliance path.
1		Credit 6.1	Stormwater Design - Quantity Control	1	If improviousness is less than 50% No net increase in the rate and quantity of stormwater runoff from existing to developed conditions. Off implement plan at that protects receiving steam channels forecling improviousness is greater than 50%, implementing a steam channel protection is strategy and quantity control strategies. OR, if existing improviousness is greater than 50%, implement a stormwater management plan that results in a 25% coverage in the rate and quantity of stormwater runoff.	Nitsch	3.14.14: Moved to 'Yes'. Nitsch confirming that runoff quantity will be reduced by 100%
1		Credit 6.2	Stormwater Design - Quality Control	1	Reduce impervious cover, promote infiltration, and capture and treat stormwater from 90% of the avg annual rainfall using acceptable BMPs capable of removing 80% of the avg annual post development total suspended solids (TSS) load based on existing monitoring reports.	Nitsch	3.14.14: Moved to "Yes". Nitsch confirming that 100% of the water will be treated with BMPs on-site. Additional Regional Priority credit for SSo6.2 moved to "Yes" as well.

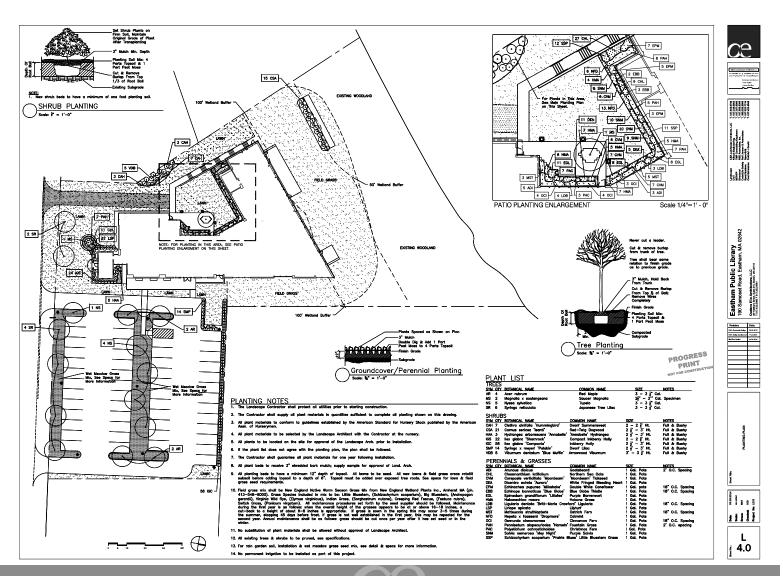


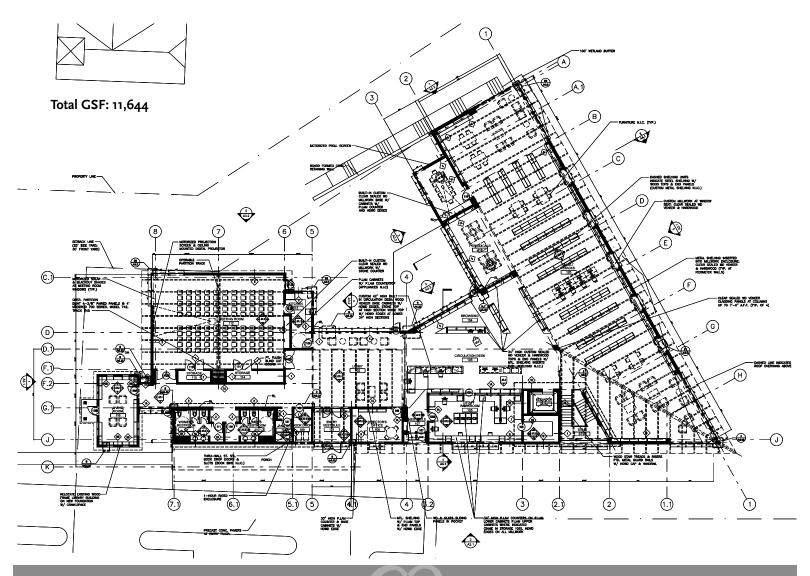
Notes & Status



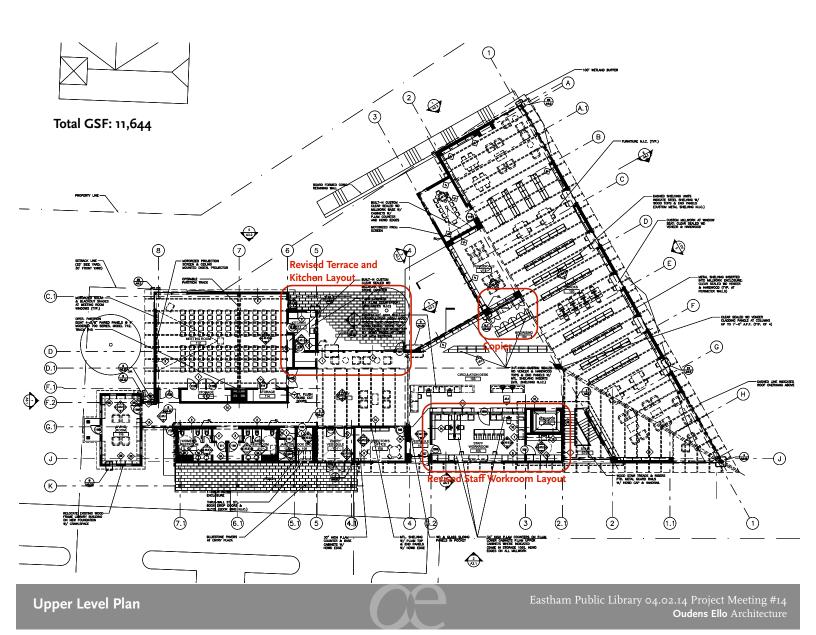


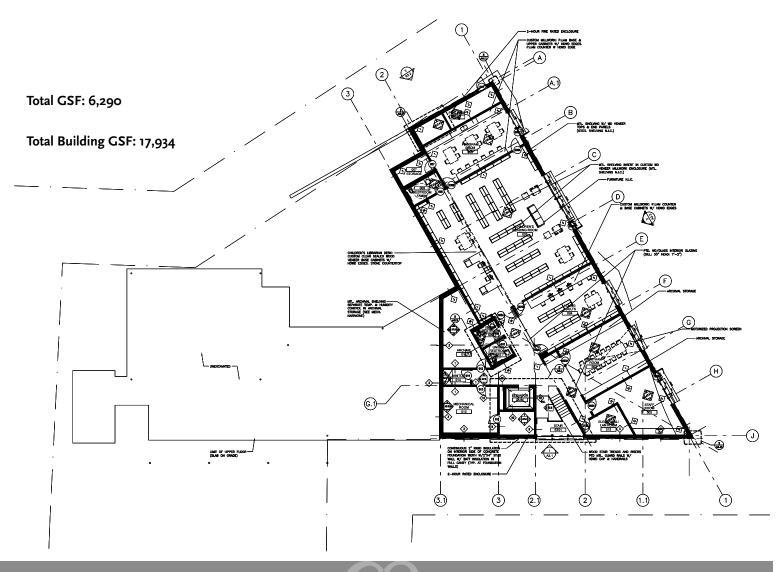
Zoning Board of Appeals: Updated Site Plan



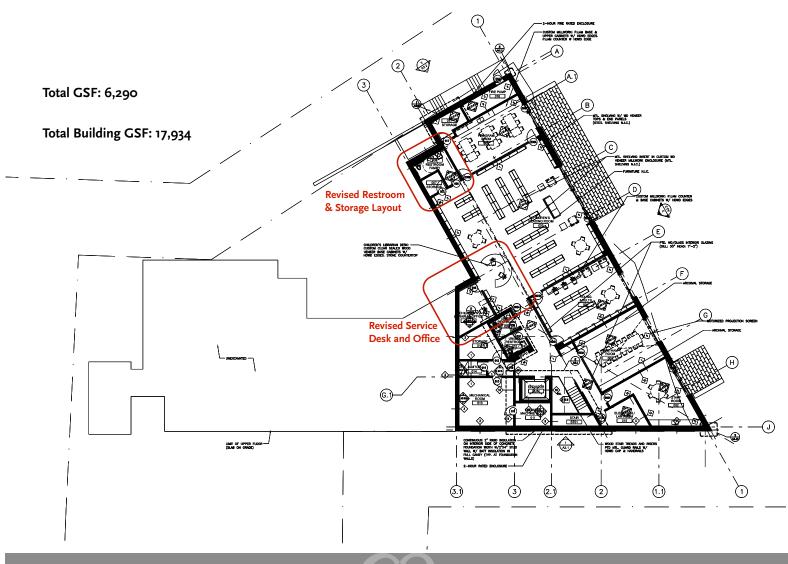


Upper Level Plan 03-13-14

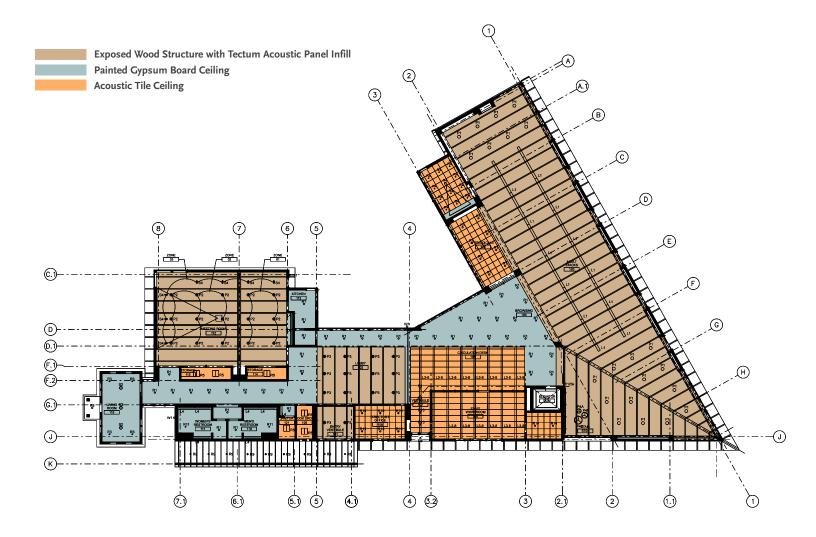




Lower Level Plan 03-13-14

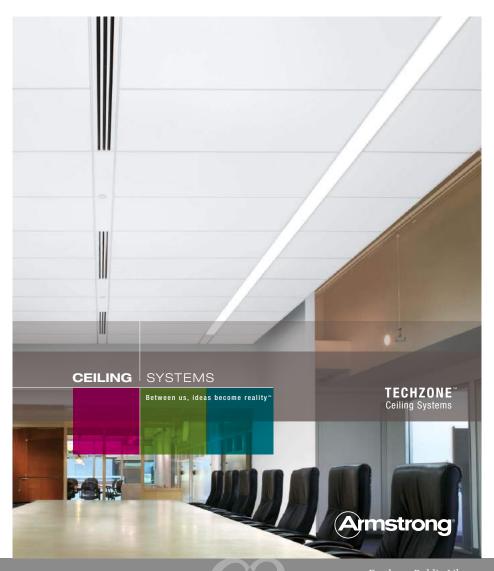


Lower Level Plan

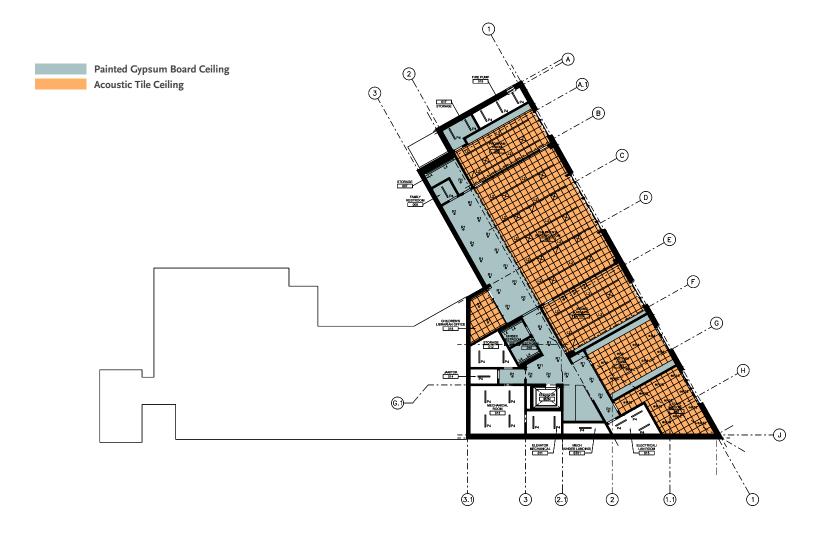




Glulam Construction



Armstrong Tech Zone Acoustic Ceiling





Interior View of Meeting Room











Interior View of Meeting Room





Interior View of Meeting Room











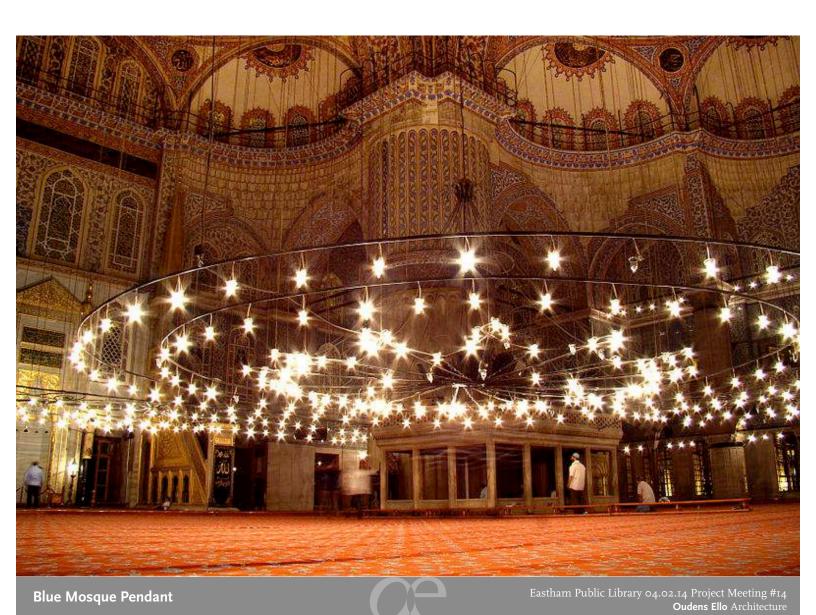
Interior View of Circulation Desk





Interior View of Adult Stacks







Plumen Pendant





Plumen Pendant





Corona Pendant





Interior View of Adult Stacks





Interior View of Adult Stacks





Strip Fluorescent Arrangements



Interior View of Adult Stacks





Interior View of Adult Stacks, Quiet Reading Area





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Eastha	m Public Library -	Furniture Schedule			
Room #	Room Name	Furniture Type	Qty.	Unit Cost	Extended Cost
102	Lobby		8	\$1,800.00	\$14,400.0
		Round Side Table	2	\$400.00	\$800.0
		Coffee Table	1	\$600.00	\$600.0
				Room Total	\$15,800.0
103	Circulation Desk	Task Chair	3	\$350.00	\$1,050.0
		Book Truck (high capacity)	3	\$550.00	\$1,650.0
				Room Total	\$2,700.0
105	Staff Work Room	Chair	5	\$350.00	\$1,750.0
				Room Total	\$1,750.0
108	Director's Office	Executive Chair	1	\$600.00	\$600.0
		Conference Table - 42" diam.	1	\$1,200.00	\$1,200.0
		Side Chair	4	\$275.00	\$1,100.0
		Executive Desk	1	\$1,400.00	\$1,400.0
				Room Total	\$4,300.0
109	Book Drop	Steel Book Truck	2	\$1,500.00	\$3,000.0
		Lot of Storage Shelving	1	\$600.00	\$600.0
				Room Total	\$3,600.0
112	Meeting Room	Stackable Chair	120	\$180.00	\$21,600.0
		Folding Table	8	\$600.00	\$4,800.0
		Cart for Stackable Chairs	4	\$200.00	\$800.0
		Cart for Folding Tables	2	\$200.00	\$400.0
				Room Total	\$27,600.0
116	Living Room	Soft Seating, lounge chair	4	\$1,800.00	\$7,200.0
		Coffee Table	1	\$600.00	\$600.0
				Room Total	\$7,800.0
118	Periodicals	Soft Seating, lounge chair	8	\$1,800.00	\$14,400.0
		Coffee Table	1	\$600.00	\$600.0
				Room Total	\$15,000.0
119	Conference Room	Conference Table	1	\$3,000.00	\$3,000.0
		Side Chair	12	\$600.00	\$7,200.0
				Room Total	\$10,200.0
120	Adult Stacks	Rectangular Table	6	\$1,300.00	\$7,800.0
		Coffee Table	3	\$600.00	\$1,800.0
		Round Side Table	4	\$400.00	\$1,600.0
		Soft Seating, lounge chair	20	\$1,800.00	\$36,000.0
		Chair	42	\$600.00	\$25,200.0
				Room Total	\$72,400.0

002	Staff Room	Dining Table	1	\$600.00	\$600.00	
		Dining Chair	6	\$180.00	\$1,080.0	
				Room Total	\$1,680.0	
003	Eastham Room	Conference Table	1	\$5,000.00	\$5,000.0	
		Conference Chair	18	\$600.00	\$10,800.0	
				Room Total	\$15,800.0	
004	Young Adults	Soft Seating, lounge chair	2	\$1,800.00	\$3,600.0	
		Small Side Table	1	\$400.00	\$400.0	
		Reading Table	1	\$1,100.00	\$1,100.0	
		Chair	7	\$600.00	\$4,200.0	
				Room Total	\$9,300.0	
005	Children's Reading Room	Soft Seating, lounge chair	2	\$1,800.00	\$3,600.00	
		Round Table - 42" diam.	2	\$850.00	\$1,700.00	
		Small Side Table	2	\$400.00	\$800.00	
		Children's Chair - 12" H	8	\$150.00	\$1,200.00	
		Task Chair	2	\$350.00	\$700.00	
		Soft Seating, sofa	1	\$3,500.00	\$3,500.00	
		-		Room Total	\$11,500.00	
009	Program Room	Rectangular Table	3	\$800.00	\$2,400.00	
		Chair	18	\$150.00	\$2,700.00	
				Room Total	\$5,100.00	
018	Children's Librarian Office	Task Chair	1	\$350.00	\$350.00	
				Room Total	\$350.00	
				SUB TOTAL	\$204,880.00	
	Steel Shelving Allowance				\$125,000.00	
	Wood Tops and End Panel	Allowance			\$60,000.00	
	Miscellaneous Allowance				\$5,000.00	
				TOTAL	\$394,880.0	
	Circulation Desk Allowance (move from construction budget to FF&E budget)					
	Children's Desk Allowance (move from construction budget to FF&E budget)					