# SOUTHINGTON

PUBLIC LIBRAR

Town Council
MEETING - 02/13/2023

LIBRARY PLANNING
AND DESIGN SERVICES



#### **Discussion Agenda**

- I. Overview of Site and Building Design
  - II. Review of Estimate and Budget



#### **Discussion Agenda**

- I. Overview of Site and Building Design
  - II. Review of Estimate and Budget



#### **Site Plan**

















**SOUTH ELEVATION** 

DRA





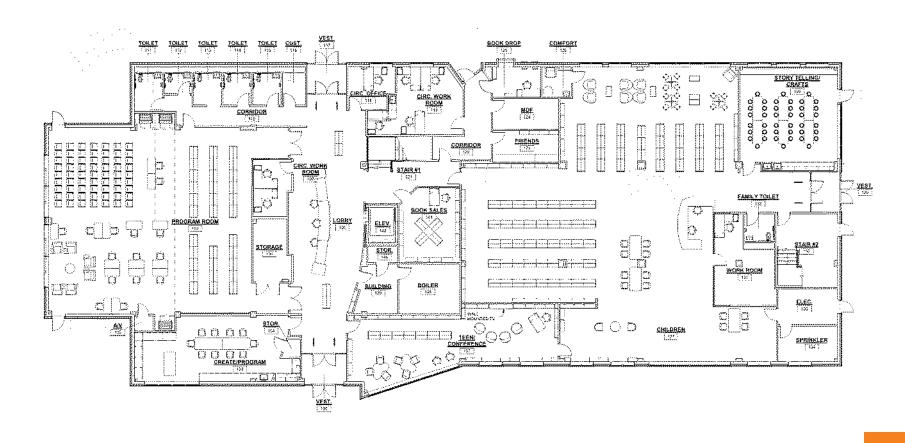






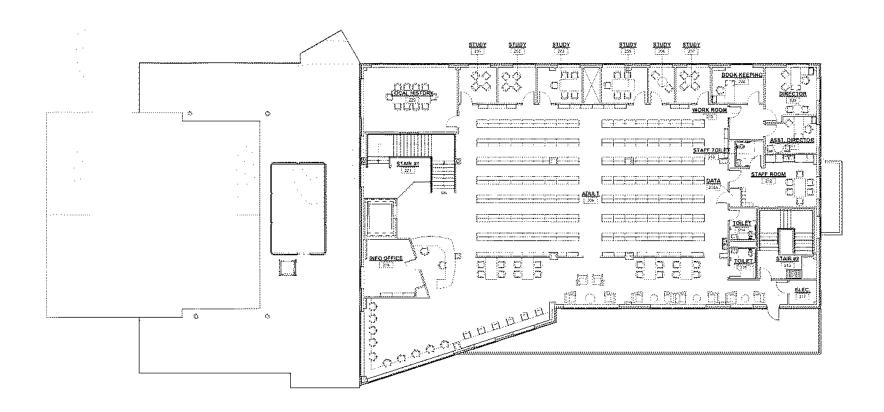


#### **Floor Plans**



DRA

#### **Floor Plans**



DRA

#### **Discussion Agenda**

- I. Overview of Site and Building Design
  - II. Review of Estimate and Budget



# **Cost History**

Southington Public Library	9/28/22 Schematic Design Estimate WT Estimate					2	2/9/23 Rev1 De Esti	(DDRev1 to SD)  Delta				
Estimate Comparison							WTE					
	느	24,187		GSF	_		24,187		GSF			
SUMMARY		COST		\$/\$#	% cow		COST		\$/\$#	% cow	COST VARIANCE	
New Construction	s	10,398,629	\$	429.93	55.70%	\$	10,645,801	\$	440.15	59.37%	\$ 247,1	72
Demolition & Haz Mat	s	508,211	s	21.01	2.72%	s	476,782	\$	19.71	2.66%	\$ (31,4)	290
Sitework	s	1,852,564	\$	76.59	9.92%	s	2,108,336	s	87.17	11.76%	\$ 255,7	71
Subtotal	5	12,759,404	s	527.53	68.34%	\$	13,230,919	s	547.03	73.79%	\$ 471,5	15
Escalation Contingency	s	371,309	\$	15.35	1.99%	Ś	128,428	\$	5.31	0.72%	\$ (242,8)	31)
Design Contingency	5	436,661	\$	18.05	2.34%	\$	274,048	\$	11.33	1.53%	\$ (162,6)	13)
Subtotal	5	13,567,373	\$	560.94	72.67%	\$	13,633,394	\$	563.67	76.04%	\$ 66,00	21
CM Costs, Insurance & Fee (No Bond)	S	1,424,647	5	58.90	7.63%	5	1,368,553	\$	56.58	7.63%	S (56,0)	94)
Construction Subtotal	5	14,992,020	s	619.84	80.30%	\$	15,001,947	\$	620.25	83.67%	5 9,9	27
Owner Soft Costs	5	1,469,300	5	60.75	7.87%	\$	1,359,300	\$	56.20	7.58%	\$ (110,00	00)
FFEE	5	1,299,547	5	64.71	8.38%	5	669,852	\$	27.69	3.74%	5 (629,6)	95)
Technology	\$	265,500	5	64.71	8.38%	\$	288,000	\$	11.91	1.61%	5 22,50	00
Owner Contingency (3.5%)	\$	644,000	s	26.63	3.45%	s	563,500	s	23.30	3.14%	\$ (80,54	00)
Accepted SD Value Management Target as of 12/30/2022	\$	(740,000)			-4.1%		DD Estimate Valu	ue M	anageme	nt TBD		
ESTIMATE TOTALS	\$	17,930,367	\$	741.32	100.00%	\$	17,882,600	\$	739.35	100.00%	\$ (47,76	8) -0.35
Library Board Estimate of Donations	\$	(700,000)				\$	(700,000)					
UPDATED ESTIMATE TOTALS	s	17,230,367				Ś	17,182,600					



# **DD Estimate Summary**

Design Development	NEW LIBRARY BUILDING					SITEW	(OR)	CM3G & X		PROJECT TOTALS			
Rev 1: 2/9/2023		24,187	697			2.6		Acres			24,387	65/	
SUMMARY		COST	\$/\$F	% cow		COST		\$/acre	% cow		COST	\$/5F	% 00
urroure		COST	34.34	3.COW		COSI		Stace	3 COW		COST	2/20	***
General Requirements	5	298,767 \$	12.35	3.00%	5	75,295	5	28,959	1.00%	5	374,062 \$	15.47	3.00%
Existing Conditions	5	. 5		0.00%	5	476,782	5	153,378	18.44%	5	476,782 5	19.71	3.715
Concrete	5	600,214 5	24.82	5.85%	5		5		0.00%	5	600,214 5	24.82	4.679
Masonry	5	62,888 5	2.60	0.61%	5		5		0.00%	5	62,888 5	2.60	0.499
Metals	5	902,927 \$	37.33	8.80%	5		5		0.00%	5	902,927 \$	37.33	7.035
Wood, Plastics, and Composites	5	431,574 \$	17.84	4.21%	5		5		0.00%	5	431,574 \$	17.84	3.368
Thermal & Moisture Protection	5	1,296,646 \$	53.61	12.64%	1 2		5		0.00%	5	1,296,646 \$	53.61	10.10
Openings	5	932,310 5	38.55	9.09%	1 5		5		0.00%	5	932,310 \$	38.55	7.265
Finishes	5	1,249,588 5	51.66	12.18%	5		5		0.00%	5	1,249,388 \$	51.66	9.735
Specialties	2	292,125 5	12.08	2.85%	11:		5		0.00%	5	292,125 5	12.08	2.279
Equipment	2	Syrrox, J.	0.16	0.04%	112		5	- :	0.00%	5	3,800 5	0.16	0.035
Furnishings	3	87,675 \$	3.62	0.85%	1 2	_	5	$\overline{}$	0.00%	5	87,675 \$	1.62	0.685
Special Construction	-	122,480 \$	5.06	0.00% 1.39%	112		5		0.00%	5	122,480 5	5.06	0.005
Conveying Systems Fire Suppression	2	151,010 \$	6.24	1.47%	112		5		0.00%	5	151,010 \$	6.24	1.185
Plumbing	2	570,605 \$	23.59	5.56N	1 12		5	- :	0.00%	5	570,605 \$	23.59	4.445
HVAC	-	1,548,558 5	64.02	15.10%	11:		5	- : 1	0.00%	5	1.548.558 5	64.02	
Integrated Automation	1	207,400 \$	8.57	2.02%	11:	- :	<del>-</del>	- 1	0.00%	5	207.400 \$	8.57	1.619
Dectrical	1	1,047,667 \$	43.32	10.21%	11:	211,368	Ś	81,295	8.18%	3	1,259,035 \$	52.05	9.809
Communications	5	150,282 5	6.21	1.47%	1 5		5		0.00%	5	150,282 5	6.21	3.177
Electronic Safety & Security	ś	801,850 \$	12.46	2.94%	1 3		ś	-	0.00%	8	301,350 5	12.46	2.359
Earthwork	\$	. 3		0.00%	3	250,830	5	96,473	9.70%	5	250,830 5	10.37	1.955
Exterior Improvements	5	- 3		0.00%	3	1,252,896	5	481,883	48.47%	3	1,252,896 5	51.80	9.765
Site Utilities	5	- 3		0.00%	3	317,947	5	122,287	12.30%	5	317,947 5	13.15	2.481
SUBTOTAL - COST OF WORK	5	10,257,665 \$	424.10	100%	\$	2,585,118	5	994,276	100%	\$	12,842,782 \$	530.98	100.00
Escalation - Q2 2023 Start	5	102,577 5	4.24	1.00%	1 15	25,851	ś	9,943	1.00%	5	128,428 5	5.31	1.009
Construction Contingency	5	310,807 \$	12.85	3.00%	3		5	30,127	3.00%	5	388,136 5	16.05	3.009
CM 6C's	5	720,296 \$	29.78	6.75%	5	181,528	5	69,818	6.75%	5	901,823 5	37.29	7.021
CM fee	5	256,305 \$	10.60	2.25%	5	64,594	5	24,844	2.25%	5	320,899 5	13.27	2.251
CM General Eisbility Insurance	5	116,476 \$	4.82	1.00%	5	29,354	5	11,290	1.00%	5	145,831 5	6.03	1.009
CM P&P Bond - Eliminated at DD		5		0.55%			5_		0.55%	5	. 5		0.551
Building Permit Fee - Waived	5	- 5		0.00%	5		5		0.00%	5	. 5		0.001
Design / Estimating Contingency	5	214,753 5	8.88	2.00%	5	59,295	5	22,806	2.00%	5	274,048 5	11.33	2.005
CONSTRUCTION TOTALS	\$	11,978,879	\$495.26 /	GSF	\$	3,024,069	5	1,163,103	Acres	\$	15,001,947	\$620.25	/ GSF
Owner Soft Costs / FF&E		N/A				N/A				5	2,880,652		
PROJECT TOTALS										5	17,882,600	\$739.35	/GSF
Library Board Estimate of Donations										\$	(700,000)		
OJECT TOTAL WITH DONATIONS										5	17,182,600	\$710.41	



#### **DD Estimate Detail**

The Whiting-Turner Contracting Company

NEW LIBRARY BUILDING

Southington Public Library Design Development Estimate

- 24	ma.	7	×	

MARKET MA	DESCRIPTION	QTV	LINET		UNITS		101AL	COMMENTS
06 10 00	ASTICS, AND COMPOSITES							
GR 20 BO	Rough Carpentry	21.000			- 24		-2.222	
	Rough Carpentry (In well Strapping / Blocking)	24,187	M	5	1.75		42,327	
	Fire Treated Plywood @ Dec & TeUCom Rms	448	18	5	10:00	5	4,480	Presumed 6" Height, two walls per room.
06 60 60	Anthitectural Woodwork							
	Custom Recestion/Circulation Desits							
	Children's Circulation Desk	26		5	1,050:00		27.300	Budget from Workspace CG
	Adult Circulation Besk	22	- 1	ś	1,050.00			Budget from Workspace-CG
		28			1,200.00			
	Front Lobby Recoption Desk	28	18	\$	1,200:00	3	33,400	Budget from Workspace CG
	P-Lam Wood Panels	375		5	35.00	5	13,175	Supports for Countortop
	Musik Apron	159	18	5	150:00	5	23.850	
	Maple Veneer Double Sided Shelving - S4"	12	18	5	500.00	5	6,000	
	Maple Veneer Double Sided Shelving - 74"	47	- 11	5	700:00		32,500	
		25	- 6	ś	550.00		13.750	
	Maple Veneer Bench with Upholstery Seat.			,	200,00	,	13,750	
	Maple Veneer Glass Display Box - 32"	75	18			3		Carried in Owner furniture budget
	Maple Veneer Glass Display Box - 84"	16	18			5		Carried in Owner furniture budget.
	Canework							
	Wood/ Solid Surface Window Sills	rio	18	5	75.00	1	26,250	Wooden or salid surface window sills
	Upper Maple Veneer Cabinets	44	- 11	ŝ	310.00		13,640	married or being he said an indea high
	Lower Maple Veneer Cabinets	86		5	600:00	>	51,600	
	Countertons							
	A" Bocksplash - Plam	173	18	5	24.00	5	4.152	
	4" Backsplash - Solid Surface	210	18	5	32.00	5	6,720	
	Plan Countertop	173		5	210.00		36,330	
	Sold Surface Contemp	310	4	5	345.65		72,450	
	and summer commence	(to	"	2	347.02	,	77,430	
		TOTAL - DrV 6				- 5	431,574	
		IDIAL BOOD					4317714	
STREETE P	S BAOKSTURE PROTECTION	1014118188					431,514	
01 10 00	(MOISTURE PROTECTION  Stamp proofing & Waterproofing							
		2,300	.aF		12.50			44 Occy - Assumed required on walls below grad
	Damp proofing & Waterproofing		جاد اد اد		13.50 2.50	5	31.000	
	Damp proofing & Waterproofing Damp proofing/Waterproofing Walfa 2" Insulation Foundation Walfa	, 23το - Σ3το	əf	Š		\$ \$	31.000	Alt Deep - Assumed required on walls below grad
	Damp proofing & Waterproofing Damp proofing/Waterproofing Wate 21 Insulation Foundation Water Throughton Under State Throughton Under State	2,300 	of SE	\$	3.50	\$ \$ \$	31,690 3,450	44 Deep - Assumed required on walls below grad 46 Deep - Assumed required on walls below grad Not required by Energy Code
	Damp proofing & Waterproofing Damp proofing/Waterproofing Walfa 2" Insulation Foundation Walfa	, 23το - Σ3το	əf	Š		\$ \$ \$	31.000	Alt Deep - Assumed required on walls below grad
	Damp proofing & Waterproofing Damp proofing/Waterproofing Wate 21 Insulation Foundation Water Throughton Under State Throughton Under State	2,300 	of SE	\$	3.50	\$ \$ \$	31,690 3,450	Alt Deep - Assumed required on walls below grad
00 es 10	Stamp proofing & Waterproofing Overs proofing/Waterproofing Water 2" Insulation tourstation Water 7" Insulation surder State Elevator Pix Waterproofing	2,300 	of SE	\$	3.50	\$ \$ \$	31,690 3,450	Alt Deep - Assumed required on walls below grad
	Damp proofing & Waterproofing Damp proofing/Water proofing Water 21 Insulation foundation Water 21 Insulation funder Stab Elevator PA Waterproofing Thermal Protection/Westerner Barriers	2,300 2,300 15,400 	of at ea	\$	3,50 5,000,90	5 5 5 5 5	31,650 3,450 5,600	44 Deep - Assumed regulard an walls below grad Not required by Energy Code
07 to 6g	Samp proofing & Waterproofing Walls Champ proofing Waterproofing Walls 21 Insulation foundation Walls 21 Insulation funder State Elevator Par Waterproofing Thermal Protection/Weather Barriers Exercise Waterproof and State 2 A Factory Street	2,300 2,300 15,400 2,375	of at ea	\$ \$	5,000,00 5,000,00	\$ \$ \$ \$ \$	31,650 3,450 5,600	44 Deep - Assumed required on walls below grad Not sequired by Energy Gode \$25 Layers of 71 8-20 Polystyrena
07 to 6g	Damp proofing & Waterproofing Damp proofing/Water proofing Water 21 Insulation foundation Water 21 Insulation funder Stab Elevator PA Waterproofing Thermal Protection/Westerner Barriers	2,300 2,300 15,400 	of at ea	\$	5,000,90	\$ \$ \$ \$ \$	31,650 3,450 5,600	44 Deep - Assumed required on walls below grad Not sequired by Energy Gode \$25 Layers of 71 8-20 Polystyrena
00 es 10	Samp proofing & Waterproofing Walls Champ proofing Waterproofing Walls 21 Insulation foundation Walls 21 Insulation funder State Elevator Par Waterproofing Thermal Protection/Weather Barriers Exercise Waterproof and State 2 A Factory Street	2,300 2,300 15,400 2,375	of at ea	\$ \$	5,000,00 5,000,00	\$ \$ \$ \$ \$	31,650 3,450 5,600	44t Deep - Assumed required on walls below grad Not required by Energy Code 127 (ayers of 2" 8-20 Malystyrens Per DD drawings, spray loans only at decking per
00 es 10	Damp proofing & Waterproofing Walls Charing proofing Walls proofing Walls 21 Involution foundation Walls 21 Involution foundation Walls 22 Involution funder State Elevator Pix Waterproofing Thermal Protection/Webster Barriers Exencer Wall involution and Sidong 2x4 Journe Strips 21 Spray Foam toxication	2,300 2,300 15,400 3 2,575 1,660	2f 2d 600 2f 2f	5 5 5 5 5 5 5	5,000,90 5,000,90 35,50 3,50	5 5 5 5 5 5 5 5 5	31,000 3,450 5,000 147,638 26,000	44 Deep - Assumed required an walls below gree Not sequired by Energy Code.  57 Layers of 7° 8-20 PolyStyrena
00 es 10	Samp proofing & Waterproofing Walls Champ proofing Waterproofing Walls 21 Insulation foundation Walls 21 Insulation funder State Elevator Par Waterproofing Thermal Protection/Weather Barriers Exercise Waterproof and State 2 A Factory Street	2,300 2,300 15,400 2,375	of at ea	\$ \$	5,000,00 5,000,00	5 5 5 5 5 5 5 5 5	31,650 3,450 5,600	44t Deep - Assumed required on walls below grad Not required by Energy Code 127 Layers of 21 8-20 Molystyr Fina Per DD disabless, spray learn Energ at decking per
07 20 00	Damp proofing & Waterproofing Using proofing Water proofing Water 2 Insulation foundation Water 21 Insulation studes 9th Elevator PA Waterproofing Thermal Protection/Weather Barriers Extense Wat insulation and Sixting 744 Future Steeps 21 Spray foam insulation Ant/Weather Barriers	2,300 2,300 15,400 3 2,575 1,660	2f 2d 600 2f 2f	5 5 5 5 5 5 5	5,000,90 5,000,90 35,50 3,50	5 5 5 5 5 5 5 5 5	31,050 3,450 5,000 147,638 26,000	44t Deep - Assumed required on walls below grad Not required by Energy Code 127 (ayers of 2" 8-20 Malystyrens Per DD drawings, spray loans only at decking per
00 es 10	Damp proofing & Waterproofing Walls Damp proofing Waterproofing Walls 21 Insulation foundation Walls 21 Insulation foundation Walls Elevator Pix Waterproofing Thormal Protection/Weather Bartiers Exceptor Wat insulation and Siding 7x8 Futting Strips 21 Spray Foam Insulation Aut/Weather Bartiers Roofing and Siding Panets	2,300 2,300 35,400 2,575 2,000 4,525	31 60 31 31 31	5 5 5 5	35,500,90 35,50 35,50 35,50	5555	31,000 3,450 5,000 147,638 26,000 47,675	44 Deep - Assumed required an walls below gree Not required by Emergy Code.  17 Layers of 7° 500 Polystyrena.  Per OD diseases, spray loans only at decking pen to (trop dis voids).
07 20 00	Damp proofing & Waterproofing Using proofing Water proofing Water 2 Insulation foundation Water 21 Insulation studes 9th Elevator PA Waterproofing Thermal Protection/Weather Barriers Extense Wat insulation and Sixting 744 Future Steeps 21 Spray foam insulation Ant/Weather Barriers	2,300 2,300 15,400 3 2,575 1,660	2f 2d 600 2f 2f	5 5 5 5 5 5 5	5,000,90 5,000,90 35,50 3,50	5555	31,000 3,450 5,000 147,638 26,000 47,675	44 Deep - Assumed regulation on walls below grad Not required by Energy Code.  127 Layers of 21 8-20 Polystyrania. Per DD drawings, spray loans only at decking perison (troft-off voids
07 20 00	Damp proofing & Waterproofing Walls Damp proofing Waterproofing Walls 21 Insulation foundation Walls 21 Insulation foundation Walls Elevator Pix Waterproofing Thormal Protection/Weather Bartiers Exceptor Wat insulation and Siding 7x8 Futting Strips 21 Spray Foam Insulation Aut/Weather Bartiers Roofing and Siding Panets	2,300 2,300 35,400 2,575 2,000 4,525	31 60 31 31 31	5 5 5 5	35,500,90 35,50 35,50 35,50	5555	31,000 3,450 5,000 147,638 26,000 47,675	44 Deep - Assumed required an walls below grad Not required by Energy Code.  ESS Layers of 7° 8-20 Melystyrania.  Per DD disabilitys, spray loans prity at decking peri to citish kill voids.  Includes Siding, state structed windows. 1° 8° PVC at Jayon areas, and our reput miny flashing at all.
07 20 00	Damp proofing & Waterproofing Walls Damp proofing Waterproofing Walls 21 Insulation foundation Walls 21 Insulation foundation Walls Elevator Pix Waterproofing Thormal Protection/Weather Bartiers Exceptor Wat insulation and Siding 7x8 Futting Strips 21 Spray Foam Insulation Aut/Weather Bartiers Roofing and Siding Panets	2,300 2,300 35,400 2,575 2,000 4,525	31 60 31 31 31	5 5 5 5	35,500,90 35,50 35,50 35,50	5555	31,000 3,450 5,000 147,638 26,000 47,675	44 Deep - Assumed required on walls below gras Not required by Energy Code  127 Layers of 21 8-20 Polystyrans Per DD drawings, spray loans only at decking per to (troft-off voids  undudes Stifreg, tales savuord windows, 11-88" PVC
07 10 00 07 20 00	Damp proofing & Waterproofing Walls Damp proofing Waterproofing Walls 21 Insulation foundation Walls 21 Insulation foundation Walls Elevator Pix Waterproofing Thormal Protection/Weather Bartiers Exceptor Wat insulation and Siding 7x8 Futting Strips 21 Spray Foam Insulation Aut/Weather Bartiers Roofing and Siding Panets	2,300 2,300 35,400 2,575 2,000 4,525	31 60 31 31 31	5 5 5 5	35,500,90 35,50 35,50 35,50	5555	31,000 3,450 5,000 147,038 26,000 47,675	44 Deep - Assumed required on walls below gras Not required by Energy Code.  E25 Layers of 7° 8-26 Metystyrens Per DD disabilitys, spray loans andy as decking period (tiske 68 wolds)  includes Sidings, spray loans andy as decking period (tiske 68 wolds)  includes Sidings, states assumed windows. 1° 88° PVC at Jayona areas, and a direction dry flashing at all.
07 10 00 07 20 00	Damp proofing & Waterproofing Water 2 Insulation foundation Water 2 Insulation foundation Water 2 Insulation foundation Water 2 Insulation foundation Water 2 Insulation funder State Elevator Pic Waterproofing  Thermal Protection/Weather Barriers Excount Wat insulation and Siding 2nd Futting Steips 27 Spray Foundation  An Insulation States Roofing and Siding Panels 2 Puly-Asia Siding	2,360 2,360 15,400 2,575 1,060 4,525	14 40 31 31	***	2,50 5,000,90 33,50 7,50 5,00	5555 55 5	31,000 3,450 5,000 147,638 26,000 47,675 361,950	44 Deep - Assumed replifed on walls below grad Not required by Energy Code.  EV Layers of Y. 6-20 Polystyrers: Per DD displays, spray loans only at decking per to stroke or voids.  Includes Siding, take structed windows. 11-87 PVC at layers areas, and they direction dry flashing at all systocaces, and tops to also.
07 10 00 07 20 00	Damp proofing & Waterproofing Walls Damp proofing Waterproofing Walls 21 Insulation foundation Walls 21 Insulation foundation Walls Elevator PA Waterproofing Thermal Protection/Websther Bartlers Exercise Wall insulation and Sidning 244 Factors Strips 21 Speay Foars translation And Measure Bartles Roofing and Sidning Panets EVENANT Sidning Agek Itum Board Around Miniopass / Siding Separation Mechanical Screens - Your Roof RTU	2,300 2,300 15,400 2,573 1,000 4,525 2,525 2,678 553	# # # # # # # # # # # # # # # # # # #	***	2.50 5,000,00 75,50 7,50 5,00 38,00 36,50	5555 55 5	33,656 3,456 5,000 147,636 36,000 47,645 361,750	44 Deep - Assumed required on walls below grad Not required by Energy Code.  E2) Layers of 7° 8.26 Polystyr enumber of travellags, spray loans andy at decking period (trying off voids).  Included Siding, takes around windows. 1° 88° PVC at layers acreas, and all mendous drug flashing at at windows and does to acre.  Appl Innotosium in varying titles.  Metal Packs, Alternation 60
07 10 00 07 20 00	Damp proofing & Waterproofing Damp proofing Materproofing Water Production foundation Water Production student Seb Elevator PA Waterproofing Thermal Protection/Weather Barriers Extension Waterproofing Thermal Protection/Weather Barriers Extension Waterproofing Thermal Protection/Weather Barriers Extension Waterproofing Only September September Sections Any Newstorier Sections Any Newstorier Section And String Annels Extension Section Asset Itim Board Around Windows / Siding Separation Sections and Section Section Sections Sections Sections - 2 Last Floor Board Machinical Sciences - 2 Last Floor Board Machinical Sciences - 2 Last Floor Board	2,360 2,360 35,40 1,525 2,575 1,060 4,525 2,525 2,525 2,628 557 570	**************************************		5,600,000 35,500 77,500 5,000 38,500 38,500 87,500 87,500	5555 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	33,505 3,455 5,000 147,638 10,000 47,635 361,550 44,387 45,064	44 Deep - Assumed required on walls below grad Not required by Energy Code.  127 Layers of 71 8-20 Polystyrans Per DD drawings, spray loans only at decking pers to (trish-off voids  uncluded Sidings, takes around wisedows, 11-88" PVC at Jama areas, and altereous dray flashing at all windows and does header.  Azek functionar in varying littles Metal Merchi, Attentive 65  Metal Merch, Attentive 87
07 20 00	Damp proofing & Waterproofing Walls Damp proofing Waterproofing Walls 21 Insulation foundation Walls 21 Insulation foundation Walls Elevator PA Waterproofing Thermal Protection/Websther Bartlers Exercise Wall insulation and Sidning 244 Factors Strips 21 Speay Foars translation And Measure Bartles Roofing and Sidning Panets EVENANT Sidning Agek Itum Board Around Miniopass / Siding Separation Mechanical Screens - Your Roof RTU	2,300 2,300 15,400 2,573 1,000 4,525 2,525 2,678 553	# # # # # # # # # # # # # # # # # # #	***	2.50 5,000,00 75,50 7,50 5,00 38,00 36,50	5555 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	33,505 3,455 5,000 147,638 10,000 47,635 361,550 44,387 45,064	44 Deep - Assumed required on walls below grad Not required by Energy Code.  E2) Layers of 7° 8.26 Polystyr enumber of travellags, spray loans andy at decking period (trying off voids).  Included Siding, takes around windows. 1° 88° PVC at layers acreas, and all mendous drug flashing at at windows and does to acre.  Appl Innotosium in varying titles.  Metal Packs, Alternation 60
07 20 00	Damp proofing & Waterproofing Champ proofing Waterproofing Waterproofing Water 21 Insulation flouridation Water 22 Insulation funder Stab Elevator PA Waterproofing Thermal Protection/Weather Bartlers Excount Wat insulation An Alexandr Wat insulation An Alexandr Gatter Roofing and String Panets Polymbia Siding Agent thus Board Areand Windows / Staling Separation Security States Back thus Board Areand Windows / Staling Separation Security States Building Envelope Performance Sesting/Consolitors Membranes Roofing Membranes Roofing	2,360 2,360 15,40 1 2,535 2,660 9,525 2,678 553 670	** *** *** *** *** *** *** *** *** ***	****	2,50 5,000,00 73,50 73,50 5,00 38,00 38,00 82,00 82,00 82,00	5555 55 5 5 5555	33,456 3,456 5,000 147,636 36,000 47,675 361,930 44,387 45,364 55,773 77,300	46 Deep - Assumed required on walls below grad Not required by Energy Code.  17 Sayers of 71 8-20 PolyStyrens Per DD drawings, spray loans only at decking pers to (troir off voids  uncludes Siding, tribs servine wischows, 11/88* PVC at Jama acros, and during mind flashing at all windows and does feature.  Also handows and does feature.  Metal Perceis, Alternative 66  Metal Perceis, Alternative 67  Limetage & Window system Inspections
07 20 00	Damp proofing & Waterproofing Damp proofing/Waterproofing Water Production Foundation Water Production student Selb Elevator Pic Waterproofing Thermal Protection/Weather Barriers Excense Wat involution and stiding 7ad Juning Script Typesy Foundation And/Weather Barriers Roofing and Siding Panels Professional Siding Panels Professional Selb Pane	2,360 2,360 35,40 1,525 2,575 1,060 4,525 2,525 2,525 2,628 557 570	**************************************		5,600,000 35,500 77,500 5,000 38,500 38,500 87,500 87,500	5555 55 5 5 5555	33,456 3,456 5,000 147,636 36,000 47,675 361,930 44,387 45,364 55,773 77,300	44 Deep - Assumed required on walls below grad Not required by Energy Code.  127 Layers of 71 8-20 Polystyrans Per DD drawings, spray loans only at decking pers to (trish-off voids  uncluded Sidings, takes around wisedows, 11-88" PVC at Jama areas, and altereous dray flashing at all windows and does header.  Azek functionar in varying littles Metal Merchi, Attentive 65  Metal Merch, Attentive 87
07 20 00	Damp proofing & Waterproofing Champ proofing Waterproofing Waterproofing Water 21 Insulation flouridation Water 22 Insulation funder Stab Elevator PA Waterproofing Thermal Protection/Weather Bartlers Excount Wat insulation An Alexandr Wat insulation An Alexandr Gatter Roofing and String Panets Polymbia Siding Agent thus Board Areand Windows / Staling Separation Security States Back thus Board Areand Windows / Staling Separation Security States Building Envelope Performance Sesting/Consolitors Membranes Roofing Membranes Roofing	2,360 2,360 15,40 1 2,535 2,660 9,525 2,678 553 670	** *** *** *** *** *** *** *** *** ***	****	2,50 5,000,00 73,50 73,50 5,00 38,00 38,00 82,00 82,00 82,00	5555 55 5 5 5555	33,456 3,456 5,000 147,636 36,000 47,675 361,930 44,387 45,364 55,773 77,300	44 Deep - Assumed repulsed on walls below grad Not required by Energy Code  [27] Layers of 7" 8-36 Polystyrens Per OD drawings, spray foursienty at dreking per to ctrop off voids  includes Siding, this should windown. 1"A8" PVC at layour areas, and administer this find a management of the first spray for the desired per and does to also when you had for to also when Provides Attended River Merch Provides. Attended River Merch Provides Attended River Ri
07 20 00	Damp proofing & Waterproofing Damp proofing Materproofing Wate 21 Insulation flouridation Water 22 Insulation flouridation Water 23 Insulation flouridation Water 24 Insulation funder Stat Element Protection/Meether Bartlers Element Protection/Meether Bartlers Element Wat insulation and Sidning 2nd Furing Steips 27 Spray Foam Insulation And American Waterproof Insulation And American State Bartlers Roofing and Sidning Panets 27 Spray Foam Insulation And American State Bartlers Adek Itum Board America Windows / Sidning Separation Meethers Screens - Total Roof RIO Meethers Roofing Membrane Roofing Membrane Roofing	2,360 2,360 15,40 1 2,535 2,660 9,525 2,678 553 670	**************************************		35.50 35.50 35.50 5.00 38.00 36.50 82.00 82.00 7,700.00	5555 55 5 5 5555 5	33,456 3,456 5,000 147,636 36,000 47,675 361,930 44,387 45,364 55,773 77,300	44 Deep - Assumed repulsed on walls below grast Not required by Energy Code.  127 Layers of 71 8-26 Polystyrans Per DD drawings, spray foam only at decking peri to (troft-off voids  uncludes Strings, takes around windows. 11/88" PVC at Javia acres, and atmospin dray flashing at all windows and does house. Aprel (notcourd in varying vites Metal Pariols, Attendance of Netal Pariols, Attendance of Netal Pariols, Attendance of International Structure of inspections  includes appeared involution 8-79 Represent in DD Crawing set - Glassack, EPDM-re
07 20 00	Damp proofing & Waterproofing Champ proofing National Water 21 Insulation foundation Water 22 Insulation foundation Water 23 Insulation funder Stab Elevator PA Waterproofing Thermal Protection/Weather Bartlers Extense Wat insulation An Insulation Waterproofing and Sidning 744 Future Steeps 27 Spray Foam Insulation An Insulation Steeps Roofing and Siding Panets Polymbin Sidning Agek Itlins Board Arguing Windows / Siding Separation Machinical Screens - 100 Roof Rill Building Foreigns Protectionaries Testing/Consolation Machinical Screens - 200 FOOM Roof Building Foreigns Protectionaries Testing/Consolation Membrane Roofing GO mil 25 year R-29 FPOM Roof System Roof Pairers System at West Roof Battery Roof Parers System at West Roof Battery	2,360 2,360 15,40 1 2,535 2,660 9,525 2,678 553 670	4 5 5 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6		35.50 5,000.00 35.50 5.00 38.00 36.50 87.00 87.00 27.00	5555 55 5 5 5 5555 55	33,456 3,456 5,000 147,636 36,000 47,675 361,930 44,387 45,364 55,773 77,300	44 Deep - Assumed required on walls below grad Not required by Energy Code.  E25 Layers of 7° 8.00 Mayssyr enumber of 200 drawings, spray loans only at decking period (trope of voids).  Includes Signing, takes around windows. 1° 88° PVC at Janua areas, and atmospheriod the Haxing at all windows and does foreign the Marsa Marsa Attention of Association (Association of Association of Points, Attention of Association of Residual Association of Points (Association of Residual Association of Residual Association of Residual Association of Residual Associations of Residual Associations (Residual Associations).
07 20 00	Damp proofing & Waterproofing Champ proofing Mysterproofing Water Production flooradation Water Production studies Pale Elevator Pic Waterproofing Thermal Protection/Weather Barriers Extenses Wat insulation and stiding 7at Futting berips Professional Waterproofing Ary Meather Barriers Roofing and Siding Panets Evaluation States Roofing and Siding Panets Evaluation Siding Panets Evaluation Siding Panets Pale Titles Board Around Windows / Siding Separation Machineras Screens - Tour Board Roof Budding Envelope Proteins to Festing/Consisters Membrane Roofing Or mil 25 year (n. 25 PPDM Roof System) Roof Paners System at West Roof Batory Walliams pads on roof	2,300 2,300 15,400 1,500 2,505 1,000 4,525 2,628 2,628 5,525 2,628 5,525 3,525	1		35.50 5,000,00 35.50 75.60 5,00 38.00 38.00 81.50 81.50 28.00	5555 5 5 5 5 5 5 5	33,500 3,450 5,000 147,635 10,000 47,635 361,750 44,157 45,732	44 Deep - Assumed regulated on walls below grad Not required by Energy Code.  127 Layers of 71 8-26 Polystyrans Per DD displays, spray loans only at decking peri to (triph off voids  includes Siding, takes amond windows, 11-87 PVC at Jama areas, and administed will do it house. Apply Introduced in voids (Assumed in the Energy Residual States and Residual States an
07 20 00	Damp proofing & Waterproofing Users proofing Materian during Users proofing Materian during I Insulation foundation Made II Insulation funder Sub Elevator PA Waterproofing  Thormal Protection/Meetither Bardlers Extenser Wat insulation and Siding 7x4 Fairing Script I' Spray Foam testation  An Avenues Barties Roofing and Siding Panels Endyship Siding Agek than Board Avenued Windows / Siding Separation Special States Agek than Board Avenued Windows / Siding Separation Special States Agek than Board Avenued Windows / Siding Separation Special States Agek than Board Avenued Windows / Siding Separation Special States Adek than Board Avenued Windows / Siding Separation Special States Adek than Board Avenued Windows / Siding Separation Special Special States Building Envelope Performance Seating/Consolitans Membrane Roofing Of multi-System et West Roof Battory Hollways padd on roof Roof Battlery	2,360 2,360 15,40 1 2,535 2,660 9,525 2,678 553 570 3 15,824	14 14 14 14 14 14 14 14 14 14 14 14 14 1		35.50 35.50 77.50 5.00 38.50 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60		33,456 3,456 5,000 147,038 36,000 47,675 361,930 44,387 45,364 59,773 7,300 445,732	Aft Deep - Assumed required an walls below grad Not required by Energy Code.  17) Layers of 71 8-20 Polystyrania. Per DD drawings, spray loans only at decking peri to (troir oil voids.  Includes Siding, tabs around windows. 11/881 PVC at Jama areas, and administration of the distribution of read particulated in DD Crawing set - Glass raik, EPDA to MM dash ab tracture to Hoters confinence of read particulated in reading free free.
07 20 00	Damp proofing & Waterproofing Damp proofing Materproofing Wate 21 Insubstica Guideation Water 22 Insubstica Guideation Water 23 Insubstica Guideation Water 24 Insubstica Guideation Water 25 Insubstica Guideation Water 25 Insubstica Guideation 26 Insubstica Guideation 27 Insubstica Guideation 28 Insubstica Fraction 28 Insubstica Fraction 28 Insubstica Fraction 28 Insubstica Fraction 28 Insubstica Guideation 28 Insubstica Guideation 28 Insubstica Fraction 2	2,300 2,300 15,400 1,500 2,505 1,000 4,525 2,628 2,628 5,525 2,628 5,525 3,525	1		35.59 35.59 35.59 38.00 38.00 38.00 38.00 25.00 25.00 25.00		33,575 3,456 5,000 147,635 301,596 44,157 45,264 55,775 7,300 445,732	44 Deep - Assumed required on walls below grad Not required by Energy Code.  [27] Layers of 7° 8-06 Polystyrens Per DD drawings, spray foam only at decking per to trope off worlds.  Includes Siding, tries around windows. 1° 8° PVC at layers areas, and abronous dry flashing at all stropes areas, and deep today.  Apply motional in varying tipes Marsi Perods. Asterophe 60 Marsi Perods. Asterophe 60 Marsi Perods. Asterophe 87 Reproduct in DD Crawing set - Glass rak, EPDM to wholese ab terminate to the foam of red patrological in roding line feature on freed patrological in roding line feature on freed patrological in roding line feature.  Per 45) - Waller Cost Martis.
07 20 00	Damp proofing & Waterproofing Users proofing Materian during Users proofing Materian during I Insulation foundation Made II Insulation funder Sub Elevator PA Waterproofing  Thormal Protection/Meetither Bardlers Extenser Wat insulation and Siding 7x4 Fairing Script I' Spray Foam testation  An Avenues Barties Roofing and Siding Panels Endyship Siding Agek than Board Avenued Windows / Siding Separation Special States Agek than Board Avenued Windows / Siding Separation Special States Agek than Board Avenued Windows / Siding Separation Special States Agek than Board Avenued Windows / Siding Separation Special States Adek than Board Avenued Windows / Siding Separation Special States Adek than Board Avenued Windows / Siding Separation Special Special States Building Envelope Performance Seating/Consolitans Membrane Roofing Of multi-System et West Roof Battory Hollways padd on roof Roof Battlery	2,360 2,360 15,40 1 2,535 2,660 9,525 2,678 553 570 3 15,824	14 14 14 14 14 14 14 14 14 14 14 14 14 1		35.50 35.50 77.50 5.00 38.50 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60 87.60		33,575 3,456 5,000 147,635 301,596 44,157 45,264 55,775 7,300 445,732	Aft Deep - Assumed required an walls below grad Not required by Energy Code.  17) Layers of 71 8-20 Polystyrania. Per DD drawings, spray loans only at decking peri to (troir oil voids.  Includes Siding, tabs around windows. 11/881 PVC at Jama areas, and administration of the distribution of read particulated in DD Crawing set - Glass raik, EPDA to MM dash ab tracture to Hoters confinence of read particulated in reading free free.



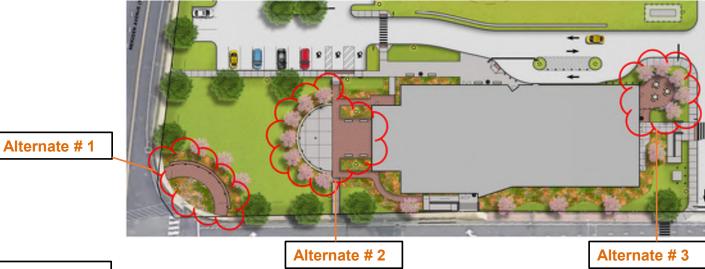
### **DD Alternates**

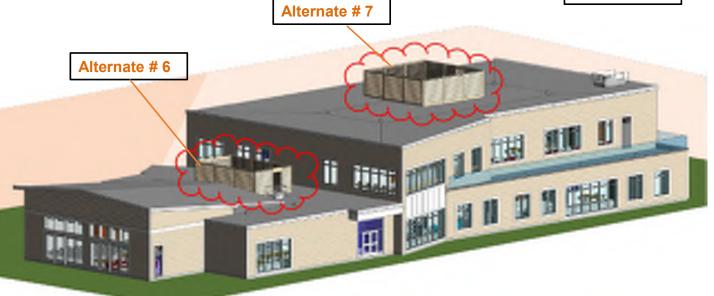
#### **DESIGN DEVELOPMENT - ALTERNATE SUMMARY**

	ALTERNATE		COST
1	Deduct Corner Pavers and Site Signage Wall - Meriden Ave/Main Street Corner	\$	(46,973)
2	Deduct Community Pavilion Plaza Hardscape - North End of Building	\$	(107,561)
3	Deduct Children's Reading Plaza, Seat Wall, and Fencing - Southeast Corner of the Building	\$	(23,956)
4	Add Bi-Directional Amplifier (BDA) System if Required by Fire Department	\$	66,008
5	Infrastructure Changes for Generator Capacity Reduction 300KW to 150KW (Generator Puchased by Town)	\$	(37,653)
6	Deduct Roof Screen Around Low Roof Area Mechanical Equipment	\$	(67,792)
7	Deduct Roof Screen Around Second Floor Roof Area Mechanical Equipment	\$	(91,903)
8	Reuse existing Office Furniture in lieu of purchasing new (ACCEPTED 1/25/23 - \$38,557 REDUCED FROM REV1 DD ESTIMATE)	s	
9	Target Saving for A/V Package - reduce screen sizes in Community Room and throughout(ACCEPTED 1/25/23 - \$45,786 REDUCED FROM REV1 DD ESTIMATE)	\$	
10	Eliminate RFID / ElectroMagnetic Gates at exits (ACCEPTED 1/25/23 - \$36,147 REDUCED FROM REV1 DD ESTIMATE)	s	
	TOTAL:	\$	(309,830)



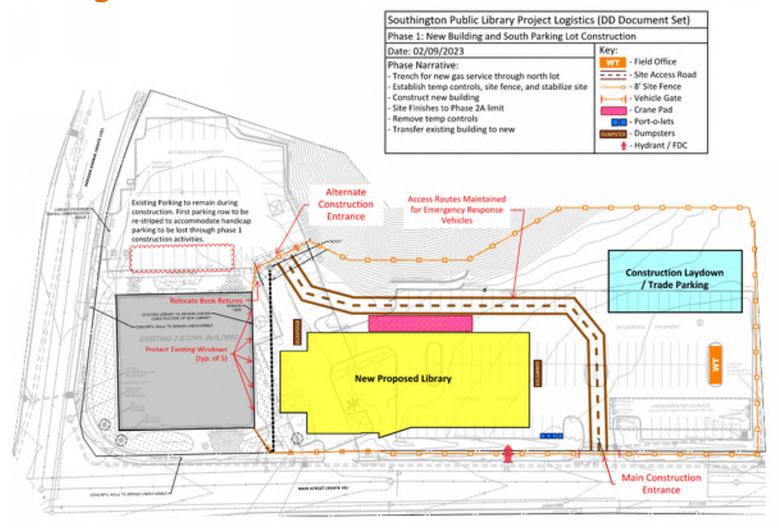
#### **DD Alternates**





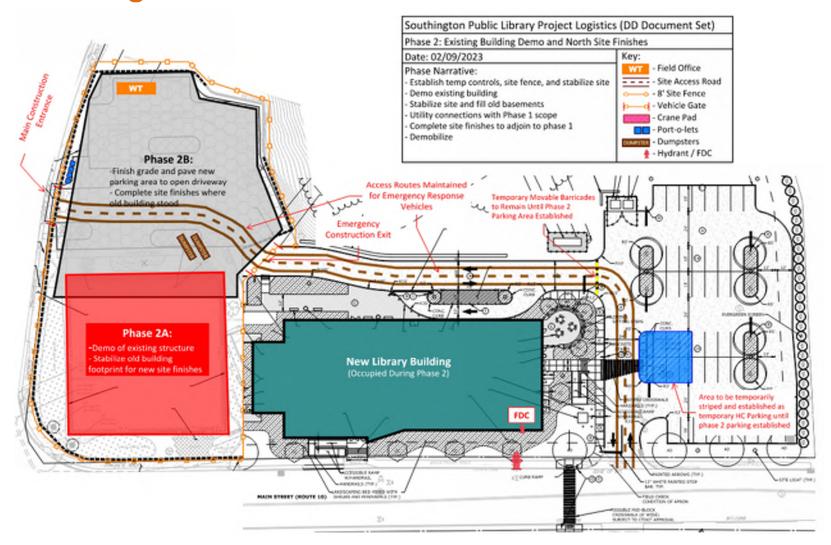


#### **Proposed Logistics**



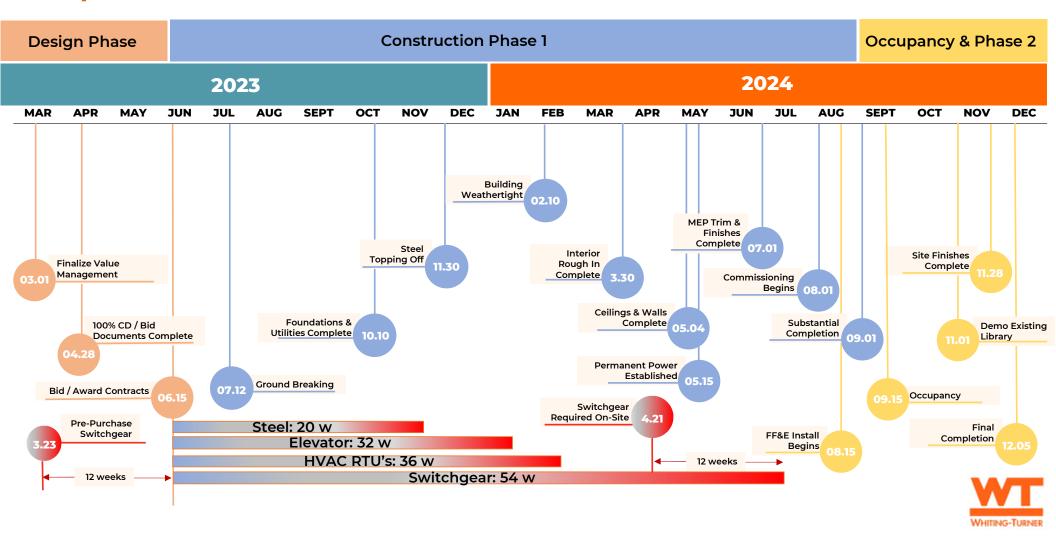


#### **Proposed Logistics**





#### **Proposed Schedule**



SOUTHINGTON

PUBLIC LIBRAR

Q&A

Town Council
MEETING - 02/13/2023

