



























#### **Summary Timeline**





- September 1, DEI was asked to assess the damage and structural integrity of the Township Building.
- September 14, DEI began preparing repair estimates for the Administration,
   Police building
- Between November 2021 and March 2022 DEI has been working with the insurance carrier and MKA to reconcile the estimates.
- On April 7, 2022 the Insurance Carrier forwarded a new estimate prepared by their experts which is currently under review by the UDT team.
- To date there is no reconciliation or Agreement on the cost of repairs to the Administration, Police, Library and Meeting Room building.
- Replace in like kind and quality" and "Code Improvements" and Scope and unit costs are still not resolved.

#### **Public Works**





- September 29, DEI began working with UDT, the Insurance carrier and Walter Brucker Company to repair the Public Works building so it can remain operational.
- March 10, DEI forwarded a repair estimate totaling \$4.7million for the Public Works Building to the insurance carrier. No response to date.
- To date \$1.4 million has been approved by the Insurance Carrier and the work is progressing. The remaining costs of repair are being reviewed by the Insurance Carrier and their experts.
- Currently we are review the remediation method and costs for the unsuitable soils discovered in the area under the Vehicular Bay next to the Cell Tower.
- We are also reviewing the cost for implementing the bridge crane for the Vehicular Bay and a central roof top unit for the Office Area.

#### **Township Building Estimate Structure**





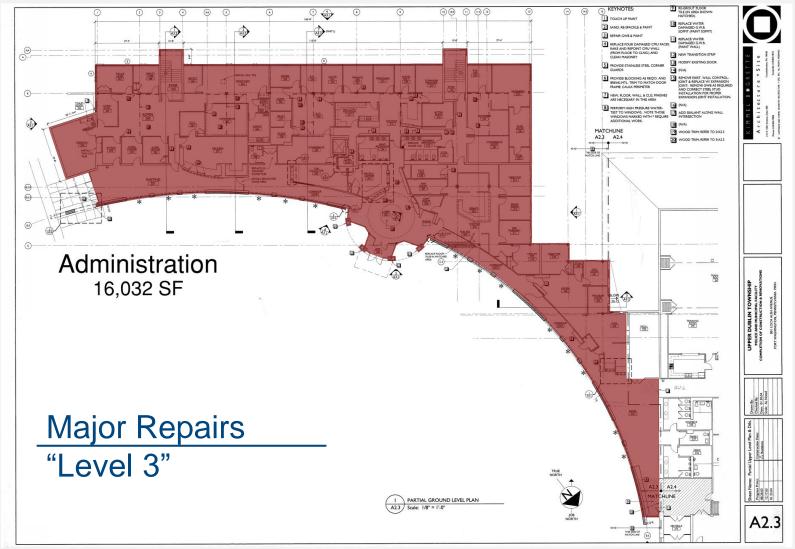
#### We formatted the estimate into the following Work Breakdown Structures:

- Administration Area
- Police Department
- Meeting Room
- Library
- Roofing
- Sitework
- Central Building Systems
- General Conditions
- Building Code
- Cost Summary

#### **Administration Floor Plan**



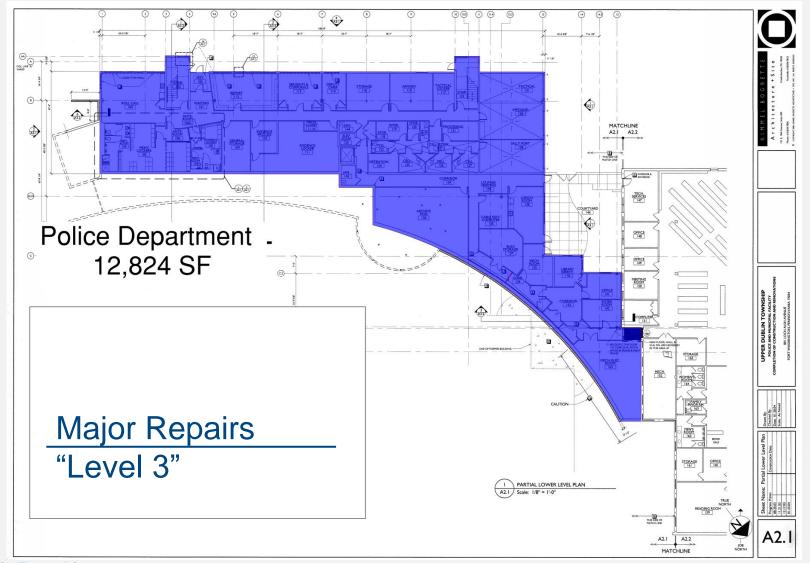




#### Police Department Floor Plan



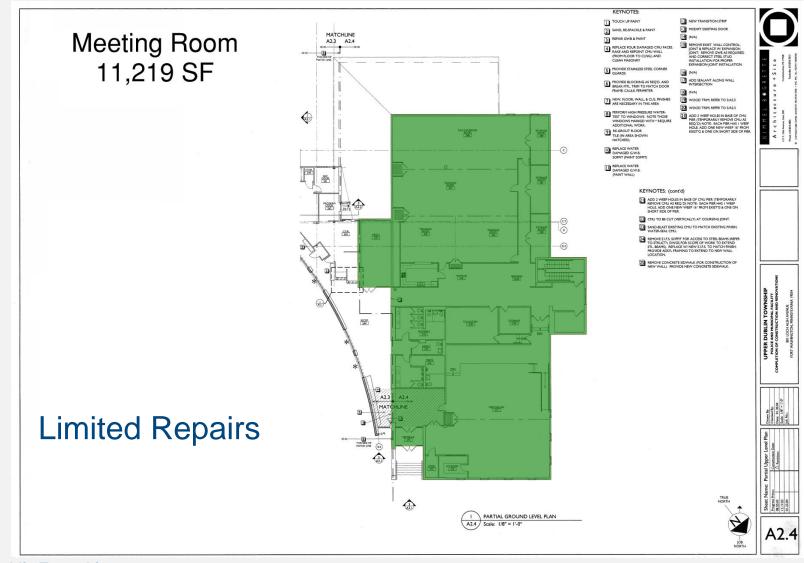




#### **Meeting Room Floor Plan**



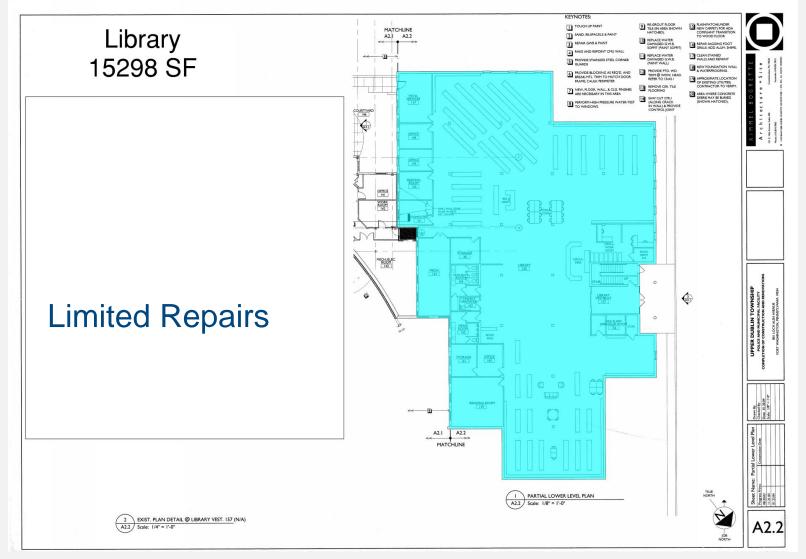




### Library Floor Plan







### **Area Breakdown of Repair**

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F Shape	HEALTH	



Administration		16,032 SF
Police Department		12,824 SF
Meeting Room		11,219 SF
Library		15,298 SF
	Total	55,373 SF
Area of Major Repair		
Administration		16,032 SF
Police Department		12,824 SF
	Total	28,856 SF
Area of Limited Repair		
Meeting Room		11,219 SF
Library		15,298 SF
	Total	26,517 SF

## **Administration Estimate Breakdown**





	D	EI Re <sub>l</sub>	pair l	Estimate	1-2	24-2022	MKA Repair Estimate w/Delta 01/26/22							
Item Description	Quantity	Unit		otal Unit Price		Grand Total		otal SF Price		Total Cost		Delta Total	%DIFF	Comment 1,074,599.63
1.ADMINISTRATION	16,032	GSF	\$	246.70	\$	3,955,038.20	\$	190.37	\$	3,100,989.98	\$	854,048.22	100.0%	
02A-Existing Conditions-Administration	16,032	GSF	\$	10.89	\$	174,631.75	\$	9.75	\$	156,312.00	\$	18,319.75	2.1%	Requires reconciliation
03A-Concrete-Administration	16,032	GSF	\$	3.16	\$	50,634.50	\$	0.75	\$	12,024.00	\$	38,610.50	4.5%	DEI is is sealing the floor for moisture, MKA is believe testing is required to verify. DEI to provide L&M Breakout for moisture Barrier. (03/22/22) DEI will share at next reconcilliation meeting
04A-Masonry-Administration	16,032	GSF	\$	10.99	\$	176,200.05	\$	9.00	\$	144,288.00	\$	31,912.05	3.7%	Backwall of police back wall. MKA believes it is pre-existing condition. YAC agrees with number
05A-Metals-Administration	16,032	GSF	\$	4.09	\$	65,640.15	\$	4.00	\$	64,128.00	\$	1,512.15	0.2%	
06A-Wood, Plastics, and Composites- Administration	16,032	GSF	\$	5.80	\$	92,968.00	\$	1.70	\$	27,254.40	\$	65,713.60	7.7%	DEI will review pricing. DEI @\$800 LF, MKA at \$262 LF. DEI to provide breakout of line item #40 in estimate. (03/22/22) DEI will share at next reconciliation meeting.
							\$	0.59	\$	9,458.88			6.69	Requires reconciliation
07A-Thermal and Moisture Protection- Administration	16,032	GSF	\$	9.17	\$	146,977.00	\$	6.75	\$	81,162.00	\$	56,356.12	0.09	Continous insulation on exterior wall is an issue. (03/22/22) DEI  requested MKA breakdown and definition of yellow highlight breakout
08A-Openings-Administration	16,032	GSF	\$	44.38	\$	711,460.00	\$	32.74	\$	524,887.68	\$	186,572.32		Glazing cost diff. DEI \$85-90/SF, MKA \$55. DEI provided verification from RS Means. (03/22/22) DEI confirm costs with contractor who installed the glazing units.
09A-Finishes-Administration	16,032		\$	37.04	\$	593,811.75		32.25		517,032.00	_	76,779.75		MKA will provide a snippet of scope.
10A-Specialties-Administration	16,032	GSF	\$	6.72	\$	107,805.00	\$	5.11	\$	111,923.52	\$	(4,118.52)		Storage system MKA to add unit. MKA Agees to DEI
11A-Equipment-Administration	16,032	GSF	\$	1.03	\$	16,525.00	\$	0.04	\$	641.28	\$	15,883.72		DEI will verify what is building and contents on Appliances. MKA has no A/V equipment. MKA to provide breakdown for review
12A-Furnishings-Administration	16,032	GSF	\$	4.50	\$	72,090.00	\$	2.71	\$	43,446.72	\$	28,643.28		MKA has a difference unit cost for window blinds. DEI to verify the Window Blind Material. (03/22/22) DEI agrees with MKA costs
21A-Fire Suppression-Administration	16,032	GSF	\$	6.50	\$	104,208.00	\$	2.09	\$	104,388.62	_	(180.62)		MKA will revise their scope. MKA has revised to meet DEI cost
22A-Plumbing-Administration	16,032	GSF	\$	5.84	\$	93,687.00	\$	6.25	\$	100,200.00	\$	(6,513.00)	-0.8%	DEI aggrees

# **Administration Estimate Breakdown**





	Г	EI Rep	pair Estimat	te 1-	-24-2022	MKA Repair Estimate w/Delta 01/26/22							
Item Description	Quantity	Unit	Total Unit	t	Grand Total		tal SF Price		Total Cost		Delta Total	%DIFF	Comment \$ 1,074,599.63
22 A. Hastina Wantilatina and Ain						\$	41.55	\$	666,129.60			7.1%	MKA is reviewing engineers report recently received
23A-Heating, Ventilating, and Air- Conditioning-Administration	16,032	GSF	\$ 54.33	3 \$	871,048.00	\$	12.00	\$	144,288.00	\$	60,630.40	0.0%	MKA to forward their cost breakdown. (03/22/22) DEI requested MKA breakdown and definition of yellow highlight breakout
26A-Electrical-Administration	16,032	GSF	\$ 28.00	\$	448,896.00	\$	15.69	\$	251,542.08	\$	197,353.92	23.1%	MKA and DEI will share takeoffs and pricing to verify scope and costs.  MKA to forward their cost breakdown
						\$	2.10	\$	33,667.20			1.9%	MKA to forward their cost breakdown.
27A-Communications-Administration	16,032	GSF	\$ 5.50	\$	88,176.00	\$	3.20	\$	38,476.80	\$	16,032.00	0.0%	(03/22/22) DEI requested MKA breakdown and definition of yellow highlight breakout
28A-Electronic Safety and Security-	16,032	CCE	\$ 8.75		140,280.00	\$	2.10	\$	33,667.20	6	70.540.80	8.3%	MKA and DEI will share takeoffs and pricing to verify scope and costs.  MKA to forward their cost breakdown
Administration	10,032	USF	\$ 8.75	3	140,280.00	\$	3.00	\$	36,072.00	\$	70,540.80	0.0%	(03/22/22) DEI requested MKA breakdown and definition of yellow highlight breakout
				Ι									

### **Building Code Compliance**





	D	EI Rep	oair Estimate	1-24	-2022		MKA Repair	Estin 1/26/22											
Item Description	Quantity	Unit	Total Unit Price	G	Frand Total		Total SF Price	Т	otal Cost		Delta Total	%DIFF	Comment 1 074 5					074,599.63	
9.BUILDING CODE COMPLIANCE SC	COPE			\$	1,630,777.0	66		\$	214,732.68	\$	1,416,044.98	100.0%						•	•
01-General Requirements				\$	1,246,380.0	00													
- Provide 4,000 SF Addition for Code C	Compliant	Mech	anical		I	,	4 200 00				ф		ф 1. <b>2</b>	00 000 00		70/			
Equipment Space	-					\$	1,200,00	0.00			\$	-	\$ 1,2	00,000.00	84	./%	Requir	es recor	nciliation
- Nursing Mouners Koom				3	40,380.	_		)	38,013.30	Ф	/,/04.04		kequires r	econciliation					
03-Concrete				\$	46,394.	72						0.0%							
- Accessible Entrance to Meeting Room								\$	32,750.00	\$	13,644.72		Requires r	econciliation					
05-Metals				\$	73,910.0	00						0.0%							
- Ramps w/Rails								\$	26,545.00	\$	47,365.00	3 3%	DEI to prov	ride railing ta	keoffs. <b>(03/</b> 2	22/22	) DEI tra	nsmitted a	and
								Ф	20,545.00	Ф	47,303.00	3.370	awaiting r	eply					
06-Wood, Plastics, and Composites				\$	10,640.0	00						0.0%							
- Means of Egress for Training Room and M	Meeting Ro	om						\$	10,640.00	\$	-	0.0%							
09-Finishes				\$	-							0.0%							
- Reconfigure Corridor 216A to Allow Pub	lic Access	Elevato	r					\$		\$		0.0%	DEI agreed	to delete cos	t				
22-Plumbing				\$	12,293.4	44						0.0%							
- Relocate Plumbing Fixtures and Rework S	Supply and	DWV						¢		¢.	12 202 44	0.00/							
Piping for ADA Compliance								2	-	\$	12,293.44	0.9%	DEI to prov	ide scope. (0	3/22/22) DE	l tran	smitted	and await	ing reply
23-Heating, Ventilating, and Air-Conditioning	ng			\$	126,200.0	00						0.0%							
- Boiler w/Separated Combustion Chamber	•							\$	72,850.00	\$	53,350.00	3.8%	DEI to prov	ride scope. (0	3/22/22) DE	I tran	smitted	and await	ing reply
26-Electrical				\$	83,059.5	50						0.0%							
- Premium Cost to Upgrade Lighting Contr	ols							\$	-	\$	83,059.50	5.9%							
27-Communications				\$	25,400.0	00		\$	-		,	0.0%							
- Area of Rescue Assistance Communication	n Systems				•			\$	25,400.00	\$	-	0.0%							
32-Exterior Improvements	•			\$	6,500.0	00						0.0%							
- Asphalt Paving					,			\$	7,932.32	\$	(1,432.32)	-0.1%							
											(_,								

## **Summary Sheet**





TOTAL ESTIMATED DIRECT HARD COSTS								
	55,373	GSF	\$ 266.10	\$ 14,734,559.26	\$ 10,136,329.03	\$ 4,598,230.23	31.2%	
Contractor Overhead & Profit - 10%				\$ 1,473,455.93	\$ 1,013,632.90	\$ 459,823.02	31.2%	
Contractor Bond & Insurance - 2%				\$ 294,691.19	\$ 1,013,632.90	\$ (718,941.72)	-244.0%	
Subtotal				\$ 16,502,706.37	\$ 12,163,594.84	\$ 4,339,111.53	26.3%	
Professional Fees - Building Design - 8.5%				\$ 1,320,216.51	\$ 973,087.59	\$ 347,128.92	26.3%	8% Agreed Amount
Professional Fees - Site Design - Lump Sum				\$ 50,000.00	\$ 50,000.00	\$ -	0.0%	\$50,000
CM Services - 4%				\$ 660,108.25	\$ 486,543.79	\$ 173,564.46	26.3%	Agreed 4%
Approvals, Permits, & Inspections - 1.5%				\$ 247,540.60	\$ 182,453.92	\$ 65,086.67	26.3%	Agreed 1.5%
3rd Party Construction Testing & Testing/Adju	usting/Balan	cing - 19	6	\$ 165,027.06	\$ 121,635.95	\$ 43,391.12	26.3%	Agreed 1%
Inflation to Midpoint of Construction - 7.6%				\$ 1,266,761.91	\$ 912,269.61	\$ 354,492.29	28.0%	MKA to confirm ENR reference. 1.5years @ 5% per year
Current Market Conditions - 5%				\$ 833,395.99	\$ 608,179.74	\$ 225,216.25	27.0%	MKA to confirm ENR reference.
Contingency - 10%			- <del>1</del>	\$ 1,666,791.98	\$ 1,216,359.48	\$ 450,432.50	27.0%	MKA and ICS to review and comment
Soft Cost Total				\$ 6,209,842.30	\$ 4,550,530.09	\$ 1,659,312.21		Requires reconciliation
<b>Total Estimated Costs</b>				\$ 22,712,548.67	\$ 16,714,124.93	\$ 5,998,423.74	26.4%	\$ 14,947,483.14
					\$ (492,467.61)			
	MKA has a	agreed to	scope must c	onfirm item cost and takeof	fs and also confirm that the scope	e of work is covered.		
	Items that	require	reconciliation	of of scope and costs				
		•		•				

#### Summary Recap as of 04/12/2022





AREA	DEI	M	KA	
		22-Mar		6-Apr
ADMINISTRATION	\$ 3,955,038	\$ 3,100,989	\$	3,601,884
POLICE	\$ 2,368,768	\$ 1,716,171	\$	2,340,743
LIBRARY	\$ 1,684,497	\$ 851,437	\$	242,734
MEETING ROOM	\$ 1,392,864	\$ 626,249	\$	-
ROOFING	\$ 1,980,463	\$ 1,988,780	\$	1,988,783
SITEWORK	\$ 92,350	\$ 84,179	\$	82,653
CENTRAL BLDG SYS	\$ 244,800	\$ 25,000	\$	32,500
GENERAL CONDITIONS	\$ 1,525,000	\$ 1,528,787	\$	1,528,787
BUILDING CODE	\$ 1,638,290	\$ 214,732	\$	-
TOTAL HARD COSTS	\$ 14,882,071	\$ 10,136,329	\$	9,818,086
CONTRATOR P&O	\$ 1,785,048	\$ 2,027,265	\$	1,178,170
SOFT COST	\$ 6,367,138	\$ 4,550,530	\$	2,936,517
TOTAL COST	\$ 23,034,257	\$ 16,714,124	\$	13,932,773