



NORTH BAY VILLAGE
TIES COMMUNITY PARK

ROUGH ORDER OF MAGNITUDE 09-02-2021



Base (white) = Line items we believe to be essential to the effective use of the park's program (i.e. absolute necessary)

Base + Field (orange) = Essential line items plus costs associated with multipurpose field

Base + Field + Site Enhancement (blue) = Architectural features that enrich the value of the park for the school and community, at the discretion of North Bay Village

DIV	DESCRIPTION	unit	BASE	BASE + FIELD	BASE + FIELD + SITE ENHANCEMENT
no	item				
1	GENERAL REQUIREMENTS				
	Mobilization (1)	allow	\$50,000.00	\$50,000.00	\$50,000.00
	Field labor (1)	allow	\$80,000.00	\$80,000.00	\$80,000.00
	Permit Fees Allowance (1)	allow	\$12,000.00	\$12,000.00	\$12,000.00
	Material Testing (1)	allow	\$4,500.00	\$4,500.00	\$4,500.00
	Project management & coordination (1)	allow	\$60,000.00	\$60,000.00	\$60,000.00
	Shop dwgs (1)	allow	\$7,000.00	\$7,000.00	\$7,000.00
	Temporary Facilities & Controls (1)	allow	\$6,500.00	\$6,500.00	\$6,500.00
	Progress photos (Aerials) (1)	allow	\$2,500.00	\$2,500.00	\$2,500.00
	Final Cleaning (1)	allow	\$3,500.00	\$3,500.00	\$3,500.00
	Survey (1)	allow	\$20,000.00	\$20,000.00	\$20,000.00
	Underground Utility markings (1)	allow	\$15,000.00	\$15,000.00	\$15,000.00
	Trash Hauling - Dumpster (1)	allow	\$6,500.00	\$6,500.00	\$6,500.00
			\$267,500.00	\$267,500.00	\$267,500.00
2	EXISTING CONDITIONS				
	Fencing Removal (3,734 lf)	lf	\$6,907.90	\$6,907.90	\$6,907.90
	Selective Demolition – Curbs (option 1 = NW parking lot) (364 lf)	lf	\$1,365.00	\$1,365.00	\$1,365.00
	By School Selective Demolition – Curbs (option 1 = E drive way) (65 lf)	lf	\$243.75	\$243.75	\$243.75
	Tree Relocation	allow	\$0.00	\$0.00	\$0.00
	Demolition- Raquetball Courts (3,850sqft)	allow	\$8,662.50	\$8,662.50	\$8,662.50
	Demolition- Tennis Courts (1)	allow	\$5,000.00	\$5,000.00	\$5,000.00
	Demolition – Asphalt (option 1 = NW parking lot) (6,199 sqft)	sf	\$7,438.80	\$7,438.80	\$7,438.80
	By School Demolition – Asphalt (option 1 = E drive way) (1,584 sqft)	sf	\$1,900.80	\$1,900.80	\$1,900.80
			\$31,518.75	\$31,518.75	\$31,518.75
3	CONCRETE				
	Bathroom Structure (160 sqft)	sf	\$24,000.00	\$24,000.00	\$24,000.00
	Soccer Court Subsurface (14,400 sqft)	allow	\$81,216.00	\$81,216.00	\$81,216.00
	Tennis Court Subsurface (3,360 sqft)	allow	\$18,950.40	\$18,950.40	\$18,950.40
	Foundations - Northern Boardwalk (1)	allow	\$6,500.00	\$6,500.00	\$6,500.00
			\$130,666.40	\$130,666.40	\$130,666.40
4	MASONRY				
	Knee-high Perimeter CMU Walls (3ft tall) (2,144 lf)	lf	\$257,280.00	\$257,280.00	\$257,280.00
	Boundary Wall with Shoma Development (556ft long @ 6ft tall)	allow	BY OTHERS	BY OTHERS	BY OTHERS
			\$257,280.00	\$257,280.00	\$ 257,280.00
5	METALS				
	Canopy Structures (2,479 sqft)	sf	\$49,580.00	\$49,580.00	\$49,580.00
	Enhanced Canopy Structures (11,282 sqft)	sf			\$338,460.00
			\$49,580.00	\$49,580.00	\$388,040.00
9	FINISHES				
	Striping - NW Parking (1)	allow	\$2,000.00	\$2,000.00	\$2,000.00
	Striping - (Multipurpose Field, Soccer) (1)	allow		\$1,800.00	\$1,800.00
	Acrylic Paint - Soccer/Tennis Courts (1)	allow	\$1,900.00	\$1,900.00	\$1,900.00
			\$3,900.00	\$5,700.00	\$5,700.00
10	SPECIALTIES				
	Wayfinding & Signage - Exterior (1)	allow	\$10,000.00	\$10,000.00	\$10,000.00
	Kids Playground w/ canopy (1)	allow			\$29,500.00
			\$10,000.00	\$10,000.00	\$ 39,500.00
11	EQUIPMENT				
	Scoreboard* (1)	allow			\$6,000.00
			\$0.00	\$0.00	\$6,000.00
12	FURNISHINGS				
	Sporting Equipment (goals, post, flags,bases, nets) (1)	allow	\$10,000.00	\$10,000.00	\$10,000.00
	Option 1 Exercise Equipment (1)	allow	\$3,000.00	\$3,000.00	\$3,000.00
	Option 2 Exercise Equipment (1)	allow			\$9,000.00
	Option 1 Benches (28)	ea	\$27,200.00	\$27,200.00	\$27,200.00
	Option 2 Benches (+12)	ea			\$9,600.00
	Option 1 Picnic Tables (10)	ea	\$12,000.00	\$12,000.00	\$12,000.00
	Option 2 Picnic Tables (+18)	allow			\$9,600.00
	Waste Receptacles (10)	allow	\$25,000.00	\$25,000.00	\$25,000.00
	Bleachers/Stands, with foundations (42 seat capacity per bleacher) (3)	ea		\$40,500.00	\$40,500.00
			\$77,200.00	\$117,700.00	\$145,900.00
22	PLUMBING				

Sewer Connection- connect bathrooms to existing underground sewer (1)	allow	\$12,000.00	\$12,000.00	\$12,000.00
Water Connection- connect bathrooms to existing underground water supply (1)	allow	\$5,000.00	\$5,000.00	\$5,000.00
Bathroom fixtures & accessories (1)	allow	\$4,000.00	\$4,000.00	\$4,000.00
Drinking Water Fountains (5)	allow	\$20,000.00	\$20,000.00	\$20,000.00
		\$41,000.00	\$41,000.00	\$41,000.00
26 ELECTRICAL				
Electrical Panel Equipment (1)	allow	\$60,000.00	\$60,000.00	\$60,000.00
Electrical Wiring (1)	allow	\$150,000.00	\$150,000.00	\$150,000.00
Soccer/Tennis Court Lighting (6)	ea	\$22,800.00	\$22,800.00	\$22,800.00
Soccer Field Lighting (4)	ea	\$38,000.00	\$38,000.00	\$38,000.00
Site Lighting (1)	allow	\$65,000.00	\$65,000.00	\$65,000.00
		\$297,800.00	\$335,800.00	\$335,800.00
26 ELECTRONIC SAFETY & SECURITY				
Lightning Prediction & Warning System (IPAWS) (1)	allow	\$10,000.00	\$10,000.00	\$10,000.00
		\$10,000.00	\$10,000.00	\$10,000.00
31 EARTHWORK				
Option 1 Rain Garden Excavation (2ft Depth)(24760 sqft)(1834 cy)	cy	\$12,306.14	\$12,306.14	\$12,306.14
Option 3 Rain Garden Excavation (2ft Depth)(+9778 sqft)(+724 cy)	cy			\$4,858.04
By School Option 1 Rain Garden Excavation (2ft Depth)(1,180 sqft)(87 cy)	cy	\$583.77	\$583.77	\$583.77
Option 1 Running Path Excavation (1 FT DEPTH) (26,401 sqft) (978 cy)	cy	\$6,562.38	\$6,562.38	\$6,562.38
Option 3 Running Path Excavation (1 FT DEPTH) (+5983 sqft) (+222 cy)	cy			\$1,489.62
By School Running Path Excavation (1 FT DEPTH) (9,117 sqft) (+338 cy)	cy	\$2,267.98	\$2,267.98	\$2,267.98
		\$21,720.27	\$21,720.27	\$28,067.93
32 EXTERIOR IMPROVEMENTS				
Fencing - School (1,804 lf)	lf	\$43,296.00	\$43,296.00	\$43,296.00
Fencing - Park Perimeter (2,204 lf)	lf	\$52,896.00	\$52,896.00	\$52,896.00
By School Fencing - School (+827 lf)	lf	\$24,810.00	\$24,810.00	\$24,810.00
Fencing - Soccer/Tennis Courts (422 lf)	lf	\$12,660.00	\$12,660.00	\$12,660.00
Fence Gates (6)	ea	\$10,200.00	\$10,200.00	\$10,200.00
BY school Fence Gates (5)	ea	\$8,500.00	\$8,500.00	\$8,500.00
Safety Netting - Soccer/Tennis Courts (979 lf)	lf	\$7,832.00	\$7,832.00	\$7,832.00
Concrete Wheel Stops (10)	ea	\$1,150.00	\$1,150.00	\$1,150.00
Synthetic Turf - Multipurpose Field (58,512 sqft)	sf		\$702,144.00	\$702,144.00
Vehicular Pavers (4,676 sqft)	sf	\$46,760.00	\$46,760.00	\$46,760.00
Pedestrian Pavers (6,043 sqft)	sf		\$36,258.00	\$36,258.00
By School Vehicular Pavers (+1,583 sqft)	sf	\$15,830.00	\$15,830.00	\$15,830.00
Retaining Walls (60 lf)	lf	\$7,200.00	\$7,200.00	\$7,200.00
Irrigation System (1)	allow	\$215,000.00	\$215,000.00	\$215,000.00
Landscape - Sod/Soil (option 1) (110,745 sqft)	sf	\$105,207.75	\$105,207.75	\$105,207.75
Landscape - Sod/Soil (option 2) (+45,842 sqft)	sf		\$43,549.90	\$43,549.90
By School Landscape - Sod/Soil (option 1) (+17,063 sqft)	sf	\$16,209.85	\$16,209.85	\$16,209.85
Landscape - Large Canopy Trees (20)	allow	\$19,000.00	\$19,000.00	\$19,000.00
Landscape - Medium Canopy Trees (37)	allow	\$26,362.50	\$26,362.50	\$26,362.50
Landscape - Small Canopy Trees (9)	allow	\$4,275.00	\$4,275.00	\$4,275.00
Landscape - Large Palms (15)	allow	\$7,125.00	\$7,125.00	\$7,125.00
Landscape - Shrubs / Low Plants (2,000)	allow	\$19,000.00	\$19,000.00	\$19,000.00
Landscape - ground cover (9,000)	allow	\$42,750.00	\$42,750.00	\$42,750.00
Civil - Regrading (58,512 sqft)	allow	\$27,793.20		
Landscape Boundary with Shoma Development (556ft long)	allow	BY OTHERS	BY OTHERS	BY OTHERS
Hardscape - Concrete Running Track (26,401 sqft)	sf	\$316,812.00	\$316,812.00	\$316,812.00
Hardscape - Concrete Running Track (+5983 sqft)	sf			\$71,796.00
By School Hardscape - Concrete Running Track (+9,117 sqft)	sf	\$109,404.00	\$109,404.00	\$109,404.00
Bike Racks (12)	ea	\$7,200.00	\$7,200.00	\$7,200.00
		\$1,147,273.30	\$1,901,432.00	\$1,973,228.00
33 UTILITIES				
Underground Stormwater Drainage Structures (2/3)	allow	\$100,000.00	\$100,000.00	\$100,000.00
Underground Stormwater Drainage Structures, Soccer Field (1/3)	allow	\$50,000.00		
		\$150,000.00	\$100,000.00	\$100,000.00
SUB-TOTAL		\$2,495,438.72	\$3,279,897.42	\$3,760,201.08
2% Permit Fee	Glob	\$ 49,908.77	\$ 65,597.95	\$ 75,204.02
1% MDC BCC School Board Review + Fees (+\$2,628)	Glob	\$ 27,582.39	\$ 35,426.97	\$ 40,230.01
20% Contingency	Glob	\$ 499,087.74	\$ 655,979.48	\$ 752,040.22
TOTAL =		\$3,072,017.63	\$4,036,901.83	\$4,627,675.33
		BASE	BASE + FIELD	BASE + FIELD + SITE ENHANCEMENT

This ROM Analysis has been prepared in good faith, but by its very nature is only able to contain indicative information and estimates (including without limitation those of time, resource and cost) based on the design criteria, information and circumstances known at the time of its preparation. Due to frequent construction material cost fluctuations and supply backlog in some markets, this cost analysis is considered good for 3 months and may require modification if being used beyond this duration.

Project Area (sf)	325535.00	325535.00	325535.00
Project Cost (\$)	\$3,072,017.63	\$4,036,901.83	\$4,627,675.33
\$/sf	\$9.44	\$12.40	\$14.22