GENERAL SUMMARY

Prepared for: 221 N Milwaukee Street Denver, CO 80206
Project ID: 6032024
Scope: Pool & SPA
Date: 6-Mar-24

USA ESTIMATORS
+1 (214) 556-2605

Pool & SPA GSF	2,961		
DIVISION NO	**DESCRIPTION**	**TOTAL DIV. COST**	**TOTAL DIV. COST (PER SF)**
1000	General Requirements	$ -	$
3000	Concrete	$ -	$
7000	Thermal & Moisture Protection	$ -	$
9000	Finishes	$ -	$
11000	Equipment	Err:509	Err:
12000	Furnishes	$ -	$
13000	Special Construction	$ -	$
	TOTAL TRADE COST	**Err:509**	**Err:**
OVERHEAD AND PROFIT	**15%**	Err:509	Err:509
INSURANCE	**0%**	Err:509	Err:509
CONTINGENCY	**0%**	Err:509	Err:509
TAX	**0%**	Err:509	Err:509
	SUGGESTED BID	**Err:509**	**Err:**

DETAILED BREAKDOWN OF ITEMS

Prepared for: 221 N Milwaukee Street Denver, CO 80206
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Date: 6-Mar-24

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -
CONCRETE													
			CAST IN PLACE CONCRETE										
			POOL										
			SLAB										
8			Formwork	SF	1225	10%	1348	0.00	0.00	$ -	$ -	$ -	$ -
			BEAM										
9			Formwork	SF	280	10%	308	0.00	0.00	$ -	$ -	$ -	$ -
10			Formwork	SF	550	10%	605	0.00	0.00	$ -	$ -	$ -	$ -
11			Formwork	SF	504	10%	554	0.00	0.00	$ -	$ -	$ -	$ -
			STOOL										
12			Formwork	SF	39	10%	43	0.00	0.00	$ -	$ -	$ -	$ -
			SPA										
			SLAB										
13			Formwork	SF	336	10%	370	0.00	0.00	$ -	$ -	$ -	$ -
			BEAM										
14			Formwork	SF	344	10%	378	0.00	0.00	$ -	$ -	$ -	$ -
15			Formwork	SF	222	10%	244	0.00	0.00	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -
THERMAL & MOISTURE PROTECTION													
			POOL										
			INSULATION										
16	SP-1	1/A492	2'-2"Thk Geofoam Around Pool	SF	309	10%	340	0.00	0.00	$ -	$ -	$ -	$ -
			SPA										
			INSULATION										
17			2'-2"Thk Geofoam Around SPA	SF	138	10%	152	0.00	0.00	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -
FINISHES													
			POOL										

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			WALL FINISHES										
18	SP-3	Plan Notes	Wall Membrane - 1.5MM Single Color Reinforced Laminate W/ Highly resistant pigments & Durable Plasticizer Designed To Last in Swimming Pool: 1. Guarantee Watertightness of 10 years. 2. Mean Thickness 1.5mm +5% EN 1849-2 3. Tensile Strength Greater Than 1.1 KN/50mm 12311-2A 3. Tear resistance Greater Than 180N EN12310-2	SF	444	10%	488	0.00	0.00	$ -	$ -	$ -	$ -
19			Water Line Tile - 12" Ceramic Tile Frost Proof	SF	111	10%	122	0.00	0.00	$ -	$ -	$ -	$ -
			FLOOR FINISHES										
20			Floor Membrane - 1.5MM Single Color Reinforced Laminate W/ Highly resistant pigments & Durable Plasticizer Designed To Last in Swimming Pool: 1. Guarantee Watertightness of 10 years. 2. Mean Thickness 1.5mm +5% EN 1849-2 3. Tensile Strength Greater Than 1.1 KN/50mm 12311-2A 3. Tear resistance Greater Than 180N EN12310-2	SF	720	10%	792	0.00	0.00	$ -	$ -	$ -	$ -
			POOL DECK										
			FLOORING SYSTEM										
21		1R.C8a/A043	Roof Pavers & Pedestal System Over - Cementitious Cover Board - R-30 EPS Board Insulation - Membrane Integrity Test System - Fluid Applied Wping	SF	1864	10%	2050	0.00	0.00	$ -	$ -	$ -	$ -
			SPA										
			WALL FINISHES										
22		Plan Notes	Ceramic Tile @ Wall - Slip Resistant & Frost Proof	SF	152	10%	167	0.00	0.00	$ -	$ -	$ -	$ -
			FLOOR FINISHES										
23			Ceramic Tile @ Floor - Slip Resistant & Frost Proof	SF	87	10%	95	0.00	0.00	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -
			FURNISHES										
			POOL										
			COUNTERTOP										
24	SP-1	2/A492	2" Porcelain Exterior Countertop @ Pool Bar	SF	32	10%	36	0.00	0.00	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -
			SPECIAL CONSTRUCTION										
			POOL										
			WALL SYSTEM										
25	SP-1	Plan Notes	4'-0"H Pre-Manufactured Pool Wall (Steel) System	SF	436	10%	480	0.00	0.00	$ -	$ -	$ -	$ -
			SPA										
			WALL SYSTEM										
26			4'-0"H Pre-Manufactured SPA Wall (Steel) System	SF	165	10%	181	0.00	0.00	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -

	PROJECTED COST	**$0**
OVERHEAD AND PROFIT	**15%**	**$0**
INSURANCE	**0%**	**$0**
CONTINGENCY	**0%**	**$0**
TAX	**0%**	**$0**
SUGGESTED BID		**$0**

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -
CONCRETE													
			CAST IN PLACE CONCRETE										
			STAIRS										
8		**Plan Notes**	31'-6"L x 1'-0"D x 0'-10"H Poll Concrete Stair	EA	4	0	4	0.00	0.00	$ -	$ -	$ -	$ -
			STAIRS										
9		**Plan Notes**	4'-6"L x 1'-0"D x 1'-0"H SPA Concrete Stair	EA	3	0	3	0.00	0.00	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -
EQUIPMENT													
			POOL EUIPMENT										
10			PUMP, FILTRATION - **Manufacturer:** HAYWARD - **Model:** SP32900VSP - **Description:** TRISTAR VS 900 VARIABLE SPEED PUMP, 1.85 HP, 85 GPM @ 60' TDH, 3450 RPM, 2"X2-1/2" CONNECTIONS	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
11			BASKET STRAINER, SPARE - **Manufacturer:** HAYWARD - **Model:** SPX3200M - **Description:** STRAINER BASKET FOR TRTSTARVSP PUMP MODEL	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
12			SAND FILTER - **Manufacturer:** HAYWARD - **Model:** HCF236C - **Description:** 36", 2.5" INLET/OUTLET, 7.05 SQ FT, 105 GPM @ 15 GPM/FT², 35.5 BW GPM MIN	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
13			MULTIPORT VALVE - **Manufacturer:** HAYWARD - **Model:** HCV2575C - **Description:** 2.5" COMMERCIAL MULTIPORT VALVE KIT, 150 GPM	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
14			SIGHT GLASS - **Manufacturer:** HAYWARD - **Model:** SP1074S - **Description:** 1-1/2" DIAMETER SIGHT GLASS, 2" SOCKET PORTS	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
15			FLOW METER - **Manufacturer:** H2FL0W CONTROLS - **Model:** FV-3-40 - **Description:** FOR 3" SCH 40 PVC PIPE, 70—240 GPM, 99.2% ACCURACY	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
16	SP-2	Pool Equipment Schedule	MAIN DRAIN SUMP - **Manufacturer:** MYRTHA - **Description:** VGB 2017 COMPLIANT	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
17			VGB GRATE COVER & FLANGE - **Manufacturer:** MYRTHA - **Description:** VGB 2017 COMPLIANT	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
18			AUTOMATIC CHEMISTRY CONTROLLER - **Manufacturer:** HAYWARD - **Model:** CAT 4000	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
19			ACID/CHLORINE CHEMICAL PUMP - **Manufacturer:** STENNER - **Model:** 45M5 - **Description:** 25 PSI MAX, 2.5-50 GALLONS PER DAY (BY OWNER)	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
20			DUAL CONTAINMENT CHEMICAL TANK - **Manufacturer:** CHEM-TAINER - **Model:** TC2435DC - **Description:** 3S GALLON DOUBLE WALL TANK, 24"D X 35"H (**USE FOR ACID FOR BOTH POOL & SPA**)	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
21			DUAL CONTAINMENT CHEMICAL TANK - **Manufacturer:** CHEM-TAINER - **Model:** TC2738DC - **Description:** 50 GALLON DOUBLE WALL TANK, 27"DX38"H (**USE FOR CHLORINE FOR BOTH POOL & SPA**)	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
22			CHLORINE EROSION FEEDER - **Manufacturer:** PENTAIR - **Model:** R171215 - **Description:** HC—3315 RAINBOW SERIES HIGH CAPACITY FEEDER, 15 LB CAPACITY, WITH FLOW METER, TRICHL0R/BROMINE (W/ ASC0 REDHAT SOLENOID VALVE AND CONNECTION TO CHEMICAL CONTROLLER) (BY OWNER)	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
23			VACUUM CALL FITTING COVER - **Manufacturer:** HAYWARD - **Model:** W400BWHP - **Description:** VAC LOCK SAFETY WALL FITTING, WHITE	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
24			VACUUM ADAPTER: WALL FITTING TO VACUUM HOSE - **Manufacturer:** HAYWARD - **Model:** AXV092 - **Description:** VACUUM PORT X 1-1/2" HOSE	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
25			STRAINER BASKET, SPARE - **Manufacturer:** PENTAIR - **Model:** 516112Z - **Description:** SPARE BASKET FOR BERMUDA SKIMMER	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
26			OVERFLOW GRATE - **Manufacturer:** HAYWARD - **Model:** SP1019 - **Description:** 1-1/2" FIP X 2" SOCKET	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
27			AUTOFILL - **Manufacturer:** PENTAIR - **Model:** T40BW - **Description:** AUTOMATIC WATER FILLER, SIDE MOUNTED FLOAT VALVE, WHITE LID	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
28			UNDERWATER POOL LIGHT - **Manufacturer:** HAYWARD - **Description:** CRYSTALOGIC, WHITE LED, 12V, SSW, 500Y/ EQUIVALENT, 4900 LUMENS, 100' CORD	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
29			LARGE LIGHT NICHE - **Manufacturer:** HAYWARD - **Description:** NON-BONDED, UNGROUNDED, LOW PROFILE PLASTIC POOL NICHE	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
30			TRANSFORMER - **Manufacturer:** INTERMATIC - **Model:** PX300 - **Description:** 300W TRANSFORMER FOR LED LIGHTS	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
31			HANDRAIL - **Manufacturer:** S.R.SMITH - **Model:** ART—1002—MG - **Description:** ARTISAN SERIES, STAINLESS STEEL (316L) MARINE GRADE 1.90" O.D. X .065" WALL X 60" LONG (CUSTOM LENGTH)	EA	5	0%	5	0.00	0.00	$ -	$ -	$ -	$ -
32			LADDER - **Manufacturer:** S.R.SMITH - **Model:** ART—1003—MG - **Description:** ARTISAN SERIES, (3) NON-SLIP TREADS, STAINLESS STEEL (316L) MARINE GRADE, 1.90" O.D. X .065" WALL X 24" WIDE	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
33			SET OF ANCHORS - **Manufacturer:** PERMA-CAST - **Model:** PC-4020-BC - **Description:** CHANNEL MOUNTED SET OF 4" BRONZE ANCHORS, 20' CENTERS	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
34			ADA LIFT - **Manufacturer:** S.R.SMITH - **Model:** 310-0000	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
35			ADA LIFT CADDY - **Manufacturer:** S.R.SMITH - **Model:** 310-0000C	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
36			HEATERS - **Manufacturer:** LOCHINVAR - **Description:** ENERGYRITE WITH CUPRO—NICKEL HEX, NATURAL GAS	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
			SPA EUIPMENT										
37			PUMP, FILTRATION - **Manufacturer:** HAYWARD - **Model:** SP32900VSP - **Description:** TRISTAR VS 900 VARIABLE SPEED PUMP, 1.85 HP, 85 GPM @ 60' TDH, 3450 RPM, 2"X2-1/2" CONNECTIONS	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
38			BASKET STRAINER, SPARE - **Manufacturer:** HAYWARD - **Model:** SPX3200M - **Description:** STRAINER BASKET FOR TRTSTARVSP PUMP MODEL	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
39			SAND FILTER - **Manufacturer:** HAYWARD - **Model:** HCF236C - **Description:** 36", 2.5" INLET/OUTLET, 7.05 SQ FT, 105 GPM 6 15 GPM/FT', US.5 BW GPM MIN	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
40			MULTIPORT VALVE - **Manufacturer:** HAYWARD - **Model:** HCV2575C - **Description:** 2.5" COMMERCIAL MULTIPORT VALVE KIT, 150 GPM	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
41			SIGHT GLASS - **Manufacturer:** HAYWARD - **Model:** SP1074S - **Description:** 1-1/2" DIAMETER SIGHT GLASS, 2" SOCKET PORTS	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
42			FLOW METER - **Manufacturer:** H2FL0W CONTROLS - **Model:** FV-3-40 - **Description:** FOR 3" SCH 40 PVC PIPE, 70—240 GPM, 99.2% ACCURACY	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
43			MAIN DRAIN SUMP - **Manufacturer:** MYRTHA - **Description:** VGB 2017 COMPLIANT	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
44			VGB GRATE COVER & FLANGE - **Manufacturer:** MYRTHA - **Description:** VGB 2017 COMPLIANT	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
45			AUTOMATIC CHEMISTRY CONTROLLER - **Manufacturer:** HAYWARD - **Model:** CAT 4000	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
46			ACID/CHLORINE CHEMICAL PUMP - **Manufacturer:** STENNER - **Model:** 45M5 - **Description:** 25 PSI MAX, 2.5—50 GALLONS PER DAY (BY OWNER)	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -

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47	SP-2	SPA Equipment Schedule	CHLORINE EROSION FEEDER - **Manufacturer:** PENTAIR - **Model:** R171215 - **Description:** HC-3315 RAINBOW SERIES HIGH CAPACITY FEEDER, 15 LB CAPACITY, WITH FLOW METER, TRICHL0R/BROMINE (W/ ASC0 REDHAT SOLENOID VALVE AND CONNECTION TO CHEMICAL CONTROLLER) (BY OWNER)	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
48			VACUUM CALL FITTING COVER - **Model:** W400BWHP - **Description:** VAC LOCK SAFETY WALL FITTING, WHITE	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
49			VACUUM ADAPTER: WALL FITTING TO VACUUM HOSE - **Manufacturer:** HAYWARD - **Model:** AXV092 - **Description:** VACUUM PORT X 1-1/2" HOSE	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
50			SURFACE SKIMMER - **Manufacturer:** PENTAIR - **Model:** 506370BKG - **Description:** BERMUDA MODEL 2" GUNITE SKIUUERS WITH FLOAT VALVE & EQUALIZER VALVE ASSEMBLY	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
51			SKIMMER EQUALIZER LINE ANTI—ENTRAPMENT COVER - **Manufacturer:** CMP - **Model:** 25207—700—000 - **Description:** 4" VGB COMPLIANT COVER, MAX FLOW RATE 50 GPM, COMPLIANT TO ANSI/APSP 16—2017	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
52			STRAINER BASKET, SPARE - **Manufacturer:** PENTAIR - **Model:** 516112Z - **Description:** SPARE BASKET FOR BERMUDA SKIMMER	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
53			WALL RETURNS - **Manufacturer:** HAYWARD - **Model:** SP-1419D - **Description:** STANDARD BODY, 1-1/2" THREADED X 1-1/2" SOCKET, WHITE, ADJUSTABLE EYEBALL	EA	4	0%	4	0.00	0.00	$ -	$ -	$ -	$ -
54			WALL RETURN FITTINGS - **Manufacturer:** FLEX PVC - **Model:** 215—9890 - **Description:** 2" SLIP X 1-1/2" FIP	EA	4	0%	4	0.00	0.00	$ -	$ -	$ -	$ -
55			OVERFLOW GRATE - **Manufacturer:** HAYWARD - **Model:** SP1019 - **Description:** 1-1/2" FIP X 2" SOCKET	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
56			AUTOFILL - **Manufacturer:** PENTAIR - **Model:** T40BW - **Description:** AUTOMATIC WATER FILLER, SIDE MOUNTED FLOAT VALVE, WHITE LID	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
57			UNDERWATER SPA LIGHT - **Manufacturer:** HAYWARD - **Description:** CRYSTALOGIC, WHITE LED, 12V, SSW, 500Y/ EQUIVALENT, 4900 LUMENS, 100' CORD	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
58			LARGE LIGHT NICHE - **Manufacturer:** HAYWARD - **Description:** NON-BONDED, UNGROUNDED, LOW PROFILE PLASTIC POOL NICHE	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
59			TRANSFORMER - **Manufacturer:** INTERMATIC - **Model:** PX300 - **Description:** 300W TRANSFORMER FOR LED LIGHTS	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
60			HANDRAIL - **Manufacturer:** S.R.SMITH - **Model:** ART-1002-MG - **Description:** ARTISAN SERIES, STAINLESS STEEL (316L) MARINE GRADE 1.90" O.D. X .065" WALL X 60" LONG (CUSTOM LENGTH)	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -

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61			WEDGE ANCHOR - **Manufacturer:** S.R.SMITH - **Model:** AS-100B - **Description:** 1.9" X 4" BRONZE SOCKET WITH LOCKING BRONZE WEDGE & STAINLESS STEEL BOLT	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
62			ESCUTCHEON - **Manufacturer:** SR. SMITH - **Model:** EP-100F-MG - **Description:** 4.5" DIAMETER, STAINLESS STEEL, MARINE GRADE	EA	4	0%	4	0.00	0.00	$ -	$ -	$ -	$ -
63			HEATERS - **Manufacturer:** LOCHINVAR - **Description:** ENERGYRITE WITH CUPRO—NICKEL HEX, NATURAL GAS	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
			SPA THERAPY JET EUIPMENT										
64	SP-2	SPA Therapy Equipment Schedule	PUMP, THERAPY JETS - **Manufacturer:** HAYWARD - **Model:** SP32950VSP - **Description:** TRISTAR VS 950 VARIABLE SPEED PUMP, 2.7 HP, 110 GPM 50 TDH, 3000 RPM, 2"X2-1/2" CONNECTIONS	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
65			VENTURI TEE - **Manufacturer:** CMP - **Model:** 23309—000—000 - **Description:** PVC STRAIGHT BODY, 3/4" SLIP X 1" SPIGOT WATER AND AIR INLETS, 1" SLIP OUTLET, NOZZLE WITH 3/8" ORIFICE	EA	10	0%	10	0.00	0.00	$ -	$ -	$ -	$ -
66			WALL FITTING - **Manufacturer:** CMP - **Model:** 25524—201—000 - **Description:** 2" INSIDER X 1—1/2" FIP, GRAY	EA	10	0%	10	0.00	0.00	$ -	$ -	$ -	$ -
67			JET INLET RETURN - **Manufacturer:** CMP - **Model:** 23315—031—000 - **Description:** PULSATOR THERAPY JET, SPINNING, 1—1/2" MPT	EA	10	0%	10	0.00	0.00	$ -	$ -	$ -	$ -
68			MAIN DRAIN SUMP - **Manufacturer:** MYRTHA - **Description:** VGB 2017 COMPLIANT	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
69			VGB GRATE COVER & FLANCE - **Manufacturer:** MYRTHA - **Description:** VGB 2017 COMPLIANT	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
70			SPA TIMER - **Description:** BY OTHERS	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
			LIFE SAVING EQUIPMENT										
71	SP-2	Life Saving Equipment Schedule	UTILITY POLE - **Manufacturer:** PENTAIR - **Model:** R191106 - **Description:** 820—12, 12' NON—TELESCOPING ALUMINUM POLE	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
72			LIFE HOOK (SHEPHARD' CROOK) - **Manufacturer:** PENTAIR - **Model:** R221026 - **Description:** 153, ALUMINUM, PERMANENTLY ATTACHED TO UTILITY POLE WITH BRASS SCREWS & WING NUTS (NOT INCLUDED)	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
73			HARDWARE - **Manufacturer:** PENTAIR - **Model:** R221030 - **Description:** FOR POOL SAFETY HOOK (SHEPHARD'S CROOK)	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
74			LIFE RING - **Manufacturer:** JIM BUOY / CAL—JUNE - **Model:** GW-20 - **Description:** 20" DIAMETER, U.S. COAST GUARD APPROVED 160.050/48/2	EA	2	0%	2	0.00	0.00	$ -	$ -	$ -	$ -
75			THROW LINE - **Manufacturer:** JM BUOY / CAL—JUNE - **Description:** 1/4" X 50' POLYETHYLENE ROPE & FLOAT ATTACHED TO LIFE RIN	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
			MAINTENANCE EQUIPMENT										

DETAILED BREAKDOWN OF ITEMS

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Scope: Pool & SPA

USA ESTIMATORS
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Date: 6-Mar-24

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
76	SP-2	Maintenance Equipment Schedule	1/2 HP P0RTA8LE VACUUM PUMP - **Description:** 120V, 1PH, PLUGS INT0 GFCI OUTLET AROUND DECK (BY OWNER)	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
77			VACUUM HEAD - **Manufacturer:** PENTAIR - **Model:** 188HDV - **Description:** WEIGHTED FLEX8LEVACUUMWITH WHEELS	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
78			EXTENSION POLE - **Manufacturer:** PENTAIR - **Model:** 806-16 - **Description:** 2 PTECE ALUMINUM POLE, EXTENDS FROM 8' TO 16'	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
79			WALL BRUSH - **Manufacturer:** PENTAIR - **Model:** 902 - **Description:** 18" CURVED BRUSH WITH ALUMNUM BACK	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
80			HAND SKIMMER - **Manufacturer:** PENTAIR - **Model:** 126 - **Description:** HEAVY DUTY ALUMINUM FRAME, REPLACEABLE NET	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
81			VACUUM HOSE - **Manufacturer:** DURAKING - **Model:** 733005150 - **Description:** 1.5" X 50' FLOATING SUCTION HOSE	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
82			WATER TEST SET - **Manufacturer:** TAYLOR CHEMICAL - **Model:** K2005 - **Description:** DPD, pH, TA, CH, CYA	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
			REQUIRED SIGN										
	SP-2	Required Sign Schedule	**BY OWNER**										
83			Emergency Cut-Off Switch Sign	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
84			SPA Rule Sign	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
85			Shallow Water- No Diving Sign	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
86			No Lifeguard On Duty Sign	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
87			911 Emergency Phone Sign	EA	1	0%	1	0.00	0.00	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -

	PROJECTED COST	**$0**
OVERHEAD AND PROFIT	**15%**	**$0**
INSURANCE	**0%**	**$0**
CONTINGENCY	**0%**	**$0**
TAX	**0%**	**$0**
SUGGESTED BID		**$0**

DETAILED BREAKDOWN OF ITEMS

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -
CONCRETE													
			CAST IN PLACE CONCRETE										
			POOL										
			SLAB										
8		**Plan Notes**	10" Concrete Pool Slab (1225 SF)	CY	38	10%	41	0.00	0.00	$ -	$ -	$ -	$ -
			BEAM										
9		**(1/S601)**	16"W X 48"H Upturned Concrete Beam (30 LF)	CY	6	10%	7	0.00	0.00	$ -	$ -	$ -	$ -
10		**(7/S601)**	12"W X 59-1/2"D Upturned Concrete Beam (50 LF)	CY	9	10%	10	0.00	0.00	$ -	$ -	$ -	$ -
11		**(9/S601)**	12"W X 48"D Upturned Concrete Beam (56 LF)	CY	8	10%	9	0.00	0.00	$ -	$ -	$ -	$ -
			STOOL										
12	**S209a**	**2/A413**	1'-0" Dia. X 2'-6"H Pool Bar Stool (5 EA)	CY	0.4	10%	0.4	0.00	0.00	$ -	$ -	$ -	$ -
			SPA										
			SLAB										
13		**Plan Notes**	10" Concrete SPA Slab (336 SF)	CY	10	10%	11	0.00	0.00	$ -	$ -	$ -	$ -
			BEAM										
14		**(2&3/S601)**	16"W X 40"D Upturned Concrete Beam (43 LF)	CY	7	10%	8	0.00	0.00	$ -	$ -	$ -	$ -
15		**(2/S701)**	1'-0"W X 40"D Upturned Concrete Beam (29 LF)	CY	4	10%	4	0.00	0.00	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -

	PROJECTED COST	**$0**
OVERHEAD AND PROFIT	**15%**	**$0**
INSURANCE	**0%**	**$0**
CONTINGENCY	**0%**	**$0**
TAX	**0%**	**$0**
SUGGESTED BID		**$0**

DETAILED BREAKDOWN OF ITEMS

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Date: 6-Mar-24

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			GENERAL REQUIREMENTS										
1			Permits	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -
			CONCRETE										
			CAST IN PLACE CONCRETE										
			POOL										
			SLAB										
8			Reinforcement: #7 Bar x 15'-0" @ 12" O.C	LBS	889	10%	978	0.00	0.00	$ -	$ -	$ -	$ -
9			#5 Bar x 15'-0" @ 24" O.C	LBS	235	10%	258	0.00	0.00	$ -	$ -	$ -	$ -
10			#5 Bar x 23'-9" @ 6" O.C	LBS	1412	10%	1553	0.00	0.00	$ -	$ -	$ -	$ -
11			#5 Bar @ 18" O.C (27'-9")	LBS	878	10%	966	0.00	0.00	$ -	$ -	$ -	$ -
12			#5 Bar x 8'-0" @ 12" O.C	LBS	242	10%	266	0.00	0.00	$ -	$ -	$ -	$ -
13			#5 Bar x 4'-0" @ 18" O.C	LBS	246	10%	271	0.00	0.00	$ -	$ -	$ -	$ -
14			#5 Bar x 12'-0" @ 12" O.C	LBS	363	10%	399	0.00	0.00	$ -	$ -	$ -	$ -
15			#5 Bar x 4'-0" @ 12" O.C	LBS	121	10%	133	0.00	0.00	$ -	$ -	$ -	$ -
16			#5 Bar @ 12" O.C (22'-6")	LBS	681	10%	749	0.00	0.00	$ -	$ -	$ -	$ -
17			(5) #5 x 12'-0"	LBS	63	10%	69	0.00	0.00	$ -	$ -	$ -	$ -
18			(5) #5 x 10'-0"	LBS	52	10%	57	0.00	0.00	$ -	$ -	$ -	$ -
			BEAM										
19			Reinforcement (3) #8 Bott. Bar	LBS	240	10%	264	0.00	0.00	$ -	$ -	$ -	$ -
20			(3) #8 x 8'-0" Top Bar	LBS	64	10%	70	0.00	0.00	$ -	$ -	$ -	$ -
21			(3) #8 x 5'-0" Top Bar	LBS	40	10%	44	0.00	0.00	$ -	$ -	$ -	$ -
22			(2) #8 x 12'-0" Top Bar	LBS	64	10%	70	0.00	0.00	$ -	$ -	$ -	$ -
23			(4) #5 x 9'-0" Top Bar	LBS	38	10%	41	0.00	0.00	$ -	$ -	$ -	$ -
24			#4 Cont. Bar @ 10" O.C	LBS	160	10%	176	0.00	0.00	$ -	$ -	$ -	$ -
25			#4 Ties @ 12" O.C	LBS	212	10%	233	0.00	0.00	$ -	$ -	$ -	$ -
26			Reinforcement (3) #9 Bott. Bar	LBS	510	10%	561	0.00	0.00	$ -	$ -	$ -	$ -
27			(6) #9 x 8'-0" Top Bar	LBS	163	10%	180	0.00	0.00	$ -	$ -	$ -	$ -
28			(3) #9 x 16'-0" Top Bar	LBS	163	10%	180	0.00	0.00	$ -	$ -	$ -	$ -
29			(2) #8 x 12'-0" Top Bar	LBS	64	10%	70	0.00	0.00	$ -	$ -	$ -	$ -
30			(4) #5 x 16'-6" Top Bar	LBS	69	10%	76	0.00	0.00	$ -	$ -	$ -	$ -
31			#4 Cont. Bar @ 10" O.C	LBS	334	10%	367	0.00	0.00	$ -	$ -	$ -	$ -
32			#4 Ties @ 12" O.C	LBS	386	10%	425	0.00	0.00	$ -	$ -	$ -	$ -
33			Reinforcement (3) #8 Bott. Bar	LBS	368	10%	405	0.00	0.00	$ -	$ -	$ -	$ -
34			(3) #8 x 12'-0" Top Bar	LBS	96	10%	106	0.00	0.00	$ -	$ -	$ -	$ -
35			(3) #8 x 16'-0" Top Bar	LBS	128	10%	141	0.00	0.00	$ -	$ -	$ -	$ -
36			(2) #8 x 8'-0" Top Bar	LBS	43	10%	47	0.00	0.00	$ -	$ -	$ -	$ -

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Date: 6-Mar-24

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
37			(4) #5 x 13'-6" Top Bar	LBS	56	10%	62	0.00	0.00	$ -	$ -	$ -	$ -
38			#4 Cont. Bar @ 10" O.C	LBS	224	10%	247	0.00	0.00	$ -	$ -	$ -	$ -
39			#4 Ties @ 12" O.C	LBS	295	10%	325	0.00	0.00	$ -	$ -	$ -	$ -
			SPA										
			SLAB										
40			Reinforcement: #5 @ 6" O.C EW	LBS	1402	10%	1542	0.00	0.00	$ -	$ -	$ -	$ -
41			#5 Bar x 6'-0" @ 12" O.C	LBS	300	10%	330	0.00	0.00	$ -	$ -	$ -	$ -
			BEAM										
42			Reinforcement (3) #9 Bott. Bar	LBS	439	10%	482	0.00	0.00	$ -	$ -	$ -	$ -
43			(6) #7 x 8'-0" Top Bar	LBS	98	10%	108	0.00	0.00	$ -	$ -	$ -	$ -
44			(2) #5 Cont. Top Bar	LBS	90	10%	99	0.00	0.00	$ -	$ -	$ -	$ -
45			#4 Cont. Bar @ 10" O.C	LBS	172	10%	190	0.00	0.00	$ -	$ -	$ -	$ -
46			#4 Ties @ 12" O.C	LBS	250	10%	275	0.00	0.00	$ -	$ -	$ -	$ -
47			Reinforcement (3) #9 Bott. Bar	LBS	296	10%	325	0.00	0.00	$ -	$ -	$ -	$ -
48			(6) #7 x 8'-0" Top Bar	LBS	98	10%	108	0.00	0.00	$ -	$ -	$ -	$ -
49			(2) #5 Cont. Top Bar	LBS	60	10%	67	0.00	0.00	$ -	$ -	$ -	$ -
50			#4 Cont. Bar @ 10" O.C	LBS	116	10%	128	0.00	0.00	$ -	$ -	$ -	$ -
51			#4 Ties @ 12" O.C	LBS	155	10%	171	0.00	0.00	$ -	$ -	$ -	$ -
												SUBTOTAL	$ -

PROJECTED COST		$0
OVERHEAD AND PROFIT	15%	$0
INSURANCE	0%	$0
CONTINGENCY	0%	$0
TAX	0%	$0
SUGGESTED BID		$0